1 Normal and Maximum Output Power

KDB 447498 D01 at the maximum rated output power and within the tune-up tolerance range specified for the product, but not more than 2 dB lower than the maximum tune-up tolerance limit.

1.1 GSM Mode

Antenna 0

GSM Full Power

GSM 850		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	128 /824.2	190 /836.6	251 /848.8		MAX	128 /824.2	190 /836.6	251 /848.8
GSM	CS	33.50	32.1	32.14	32.16	9.19	24.31	22.91	22.95	22.97
GPRS/ EGPRS (GMSK)	1 Tx Slot	33.50	32.13	32.15	32.17	9.19	24.31	22.94	22.96	22.98
	2 Tx Slots	31.50	30.61	30.63	30.67	6.13	25.37	24.48	24.50	24.54
	3 Tx Slots	30.00	29.08	29.10	29.16	4.42	25.58	24.66	24.68	24.74
	4 Tx Slots	29.00	28.03	28.07	28.12	3.18	25.82	24.85	24.89	24.94
EGPRS (8PSK)	1 Tx Slot	28.00	26.52	26.68	26.78	9.19	18.81	17.33	17.49	17.59
	2 Tx Slots	27.00	25.45	25.52	25.55	6.13	20.87	19.32	19.39	19.42
	3 Tx Slots	25.00	23.19	23.30	23.35	4.42	20.58	18.77	18.88	18.93
	4 Tx Slots	23.00	22.37	22.20	22.12	3.18	19.82	19.19	19.02	18.94
GSM 1900		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	512 /1850.2	661 /1880	810 /1909.8		MAX	512 /1850.2	661 /1880	810 /1909.8
GSM	CS	30.50	29.4	29.41	29.49	9.19	21.31	20.21	20.22	20.30
GPRS/ EGPRS (GMSK)	1 Tx Slot	30.50	29.34	29.34	29.40	9.19	21.31	20.15	20.15	20.21
	2 Tx Slots	28.00	27.32	27.31	27.29	6.13	21.87	21.19	21.18	21.16
	3 Tx Slots	27.00	26.28	26.26	26.24	4.42	22.58	21.86	21.84	21.82
	4 Tx Slots	25.50	24.79	24.75	24.72	3.18	22.32	21.61	21.57	21.54
EGPRS (8PSK)	1 Tx Slot	27.00	26.15	26.09	25.98	9.19	17.81	16.96	16.90	16.79
	2 Tx Slots	26.50	24.91	24.95	24.82	6.13	20.37	18.78	18.82	18.69
	3 Tx Slots	24.00	22.22	22.24	22.20	4.42	19.58	17.80	17.82	17.78
	4 Tx Slots	22.00	20.07	20.15	20.24	3.18	18.82	16.89	16.97	17.06

Notes:The worst-case configuration and mode for SAR testing is determined to be as follows:
1. Standalone: GSM 850 GMSK (GPRS) mode with 4 time slots for Max power, GSM 1900 GMSK (GPRS) mode with 3 time slots for Max power, based on the output power measurements above..

GSM-Level 1

GSM 850		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	128 /824.2	190 /836.6	251 /848.8		MAX	128 /824.2	190 /836.6	251 /848.8
GSM	CS	33.50	32.1	32.14	32.16	9.19	24.31	22.91	22.95	22.97
GPRS/ EGPRS (GMSK)	1 Tx Slot	33.50	32.13	32.15	32.17	9.19	24.31	22.94	22.96	22.98
	2 Tx Slots	31.50	30.61	30.63	30.67	6.13	25.37	24.48	24.50	24.54
	3 Tx Slots	30.00	29.08	29.10	29.16	4.42	25.58	24.66	24.68	24.74
	4 Tx Slots	29.00	28.03	28.07	28.12	3.18	25.82	24.85	24.89	24.94
EGPRS (8PSK)	1 Tx Slot	28.00	26.52	26.68	26.78	9.19	18.81	17.33	17.49	17.59
	2 Tx Slots	27.00	25.45	25.52	25.55	6.13	20.87	19.32	19.39	19.42
	3 Tx Slots	25.00	23.19	23.30	23.35	4.42	20.58	18.77	18.88	18.93
	4 Tx Slots	23.00	22.37	22.20	22.12	3.18	19.82	19.19	19.02	18.94
GSM 1900		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	512 /1850.2	661 /1880	810 /1909.8		MAX	512 /1850.2	661 /1880	810 /1909.8
GSM	CS	30.50	29.4	29.41	29.49	9.19	21.31	20.21	20.22	20.30
GPRS/ EGPRS (GMSK)	1 Tx Slot	30.50	29.34	29.34	29.40	9.19	21.31	20.15	20.15	20.21
	2 Tx Slots	28.00	27.32	27.31	27.29	6.13	21.87	21.19	21.18	21.16
	3 Tx Slots	27.00	26.28	26.26	26.24	4.42	22.58	21.86	21.84	21.82
	4 Tx Slots	25.50	24.79	24.75	24.72	3.18	22.32	21.61	21.57	21.54
EGPRS (8PSK)	1 Tx Slot	27.00	26.15	26.09	25.98	9.19	17.81	16.96	16.90	16.79
	2 Tx Slots	26.50	24.91	24.95	24.82	6.13	20.37	18.78	18.82	18.69
	3 Tx Slots	24.00	22.22	22.24	22.20	4.42	19.58	17.80	17.82	17.78
	4 Tx Slots	22.00	20.07	20.15	20.24	3.18	18.82	16.89	16.97	17.06

Notes:The worst-case configuration and mode for SAR testing is determined to be as follows:
1. Standalone: GSM 850 GMSK (GPRS) mode with 4 time slots for Max power, GSM 1900 GMSK (GPRS) mode with 3 time slots for Max power, based on the output power measurements above..

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GSM-Level 2&3

GSM 850		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	128 /824.2	190 /836.6	251 /848.8		MAX	128 /824.2	190 /836.6	251 /848.8
GSM	CS	33.50	32.1	32.14	32.16	9.19	24.31	22.91	22.95	22.97
GPRS/ EGPRS (GMSK)	1 Tx Slot	33.50	32.13	32.15	32.17	9.19	24.31	22.94	22.96	22.98
	2 Tx Slots	31.50	30.61	30.63	30.67	6.13	25.37	24.48	24.50	24.54
	3 Tx Slots	30.00	29.08	29.10	29.16	4.42	25.58	24.66	24.68	24.74
	4 Tx Slots	29.00	28.03	28.07	28.12	3.18	25.82	24.85	24.89	24.94
EGPRS (8PSK)	1 Tx Slot	28.00	26.52	26.68	26.78	9.19	18.81	17.33	17.49	17.59
	2 Tx Slots	27.00	25.45	25.52	25.55	6.13	20.87	19.32	19.39	19.42
	3 Tx Slots	25.00	23.19	23.30	23.35	4.42	20.58	18.77	18.88	18.93
	4 Tx Slots	23.00	22.37	22.20	22.12	3.18	19.82	19.19	19.02	18.94
GSM 1900		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	512 /1850.2	661 /1880	810 /1909.8		MAX	512 /1850.2	661 /1880	810 /1909.8
GSM	CS	30.50	29.4	29.41	29.49	9.19	21.31	20.21	20.22	20.30
GPRS/ EGPRS (GMSK)	1 Tx Slot	30.50	29.34	29.34	29.40	9.19	21.31	20.15	20.15	20.21
	2 Tx Slots	28.00	27.32	27.31	27.29	6.13	21.87	21.19	21.18	21.16
	3 Tx Slots	27.00	26.28	26.26	26.24	4.42	22.58	21.86	21.84	21.82
	4 Tx Slots	25.50	24.79	24.75	24.72	3.18	22.32	21.61	21.57	21.54
EGPRS (8PSK)	1 Tx Slot	27.00	26.15	26.09	25.98	9.19	17.81	16.96	16.90	16.79
	2 Tx Slots	26.50	24.91	24.95	24.82	6.13	20.37	18.78	18.82	18.69
	3 Tx Slots	24.00	22.22	22.24	22.20	4.42	19.58	17.80	17.82	17.78
	4 Tx Slots	22.00	20.07	20.15	20.24	3.18	18.82	16.89	16.97	17.06

Notes:The worst-case configuration and mode for SAR testing is determined to be as follows:
1. Standalone: GSM 850 GMSK (GPRS) mode with 4 time slots for Max power, GSM 1900 GMSK (GPRS) mode with 3 time slots for Max power, based on the output power measurements above..

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GSM-Level 4&5&6

GSM 850		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	128 /824.2	190 /836.6	251 /848.8		MAX	128 /824.2	190 /836.6	251 /848.8
GSM	CS	33.50	32.1	32.14	32.16	9.19	24.31	22.91	22.95	22.97
GPRS/ EGPRS (GMSK)	1 Tx Slot	33.50	32.13	32.15	32.17	9.19	24.31	22.94	22.96	22.98
	2 Tx Slots	31.50	30.61	30.63	30.67	6.13	25.37	24.48	24.50	24.54
	3 Tx Slots	30.00	29.08	29.10	29.16	4.42	25.58	24.66	24.68	24.74
	4 Tx Slots	29.00	28.03	28.07	28.12	3.18	25.82	24.85	24.89	24.94
EGPRS (8PSK)	1 Tx Slot	28.00	26.52	26.68	26.78	9.19	18.81	17.33	17.49	17.59
	2 Tx Slots	27.00	25.45	25.52	25.55	6.13	20.87	19.32	19.39	19.42
	3 Tx Slots	25.00	23.19	23.30	23.35	4.42	20.58	18.77	18.88	18.93
	4 Tx Slots	23.00	22.37	22.20	22.12	3.18	19.82	19.19	19.02	18.94
GSM 1900		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	512 /1850.2	661 /1880	810 /1909.8		MAX	512 /1850.2	661 /1880	810 /1909.8
GSM	CS	30.50	29.4	29.41	29.49	9.19	21.31	20.21	20.22	20.30
GPRS/ EGPRS (GMSK)	1 Tx Slot	30.50	29.34	29.34	29.40	9.19	21.31	20.15	20.15	20.21
	2 Tx Slots	28.00	27.32	27.31	27.29	6.13	21.87	21.19	21.18	21.16
	3 Tx Slots	27.00	26.28	26.26	26.24	4.42	22.58	21.86	21.84	21.82
	4 Tx Slots	25.50	24.79	24.75	24.72	3.18	22.32	21.61	21.57	21.54
EGPRS (8PSK)	1 Tx Slot	27.00	26.15	26.09	25.98	9.19	17.81	16.96	16.90	16.79
	2 Tx Slots	26.50	24.91	24.95	24.82	6.13	20.37	18.78	18.82	18.69
	3 Tx Slots	24.00	22.22	22.24	22.20	4.42	19.58	17.80	17.82	17.78
	4 Tx Slots	22.00	20.07	20.15	20.24	3.18	18.82	16.89	16.97	17.06

Notes:The worst-case configuration and mode for SAR testing is determined to be as follows:
1. Standalone: GSM 850 GMSK (GPRS) mode with 4 time slots for Max power, GSM 1900 GMSK (GPRS) mode with 3 time slots for Max power, based on the output power measurements above..

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Antenna 1

GSM Full Power

GSM 850		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	128 /824.2	190 /836.6	251 /848.8		MAX	128 /824.2	190 /836.6	251 /848.8
GSM	CS	33.50	32.03	32.10	32.17	9.19	24.31	22.84	22.91	22.98
GPRS/ EGPRS (GMSK)	1 Tx Slot	33.50	31.99	32.06	32.10	9.19	24.31	22.80	22.87	22.91
	2 Tx Slots	31.50	30.46	30.52	30.59	6.13	25.37	24.33	24.39	24.46
	3 Tx Slots	30.00	28.93	28.99	29.08	4.42	25.58	24.51	24.57	24.66
	4 Tx Slots	29.00	27.89	27.95	28.03	3.18	25.82	24.71	24.77	24.85
EGPRS (8PSK)	1 Tx Slot	28.00	26.22	26.53	26.53	9.19	18.81	17.03	17.34	17.34
	2 Tx Slots	27.00	25.24	25.45	25.34	6.13	20.87	19.11	19.32	19.21
	3 Tx Slots	25.00	23.22	23.20	23.24	4.42	20.58	18.80	18.78	18.82
	4 Tx Slots	23.00	21.86	22.02	22.10	3.18	19.82	18.68	18.84	18.92
GSM 1900		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	512 /1850.2	661 /1880	810 /1909.8		MAX	512 /1850.2	661 /1880	810 /1909.8
GSM	CS	30.50	29.56	29.67	28.92	9.19	21.31	20.37	20.48	19.73
GPRS/ EGPRS (GMSK)	1 Tx Slot	30.50	29.50	29.65	28.93	9.19	21.31	20.31	20.46	19.74
	2 Tx Slots	28.00	27.49	27.48	27.47	6.13	21.87	21.36	21.35	21.34
	3 Tx Slots	27.00	26.45	26.44	26.38	4.42	22.58	22.03	22.02	21.96
	4 Tx Slots	25.50	24.95	24.92	24.85	3.18	22.32	21.77	21.74	21.67
EGPRS (8PSK)	1 Tx Slot	27.00	25.83	25.91	25.96	9.19	17.81	16.64	16.72	16.77
	2 Tx Slots	26.50	24.83	24.93	25.00	6.13	20.37	18.70	18.80	18.87
	3 Tx Slots	24.00	22.48	22.35	22.54	4.42	19.58	18.06	17.93	18.12
	4 Tx Slots	22.00	20.23	20.28	20.47	3.18	18.82	17.05	17.10	17.29

Notes:The worst-case configuration and mode for SAR testing is determined to be as follows:
1. Standalone: GSM 850 GMSK (GPRS) mode with 4 time slots for Max power, GSM 1900 GMSK (GPRS) mode with 3 time slots for Max power,based on the output power measurements above..

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GSM-Level 1

GSM 850		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	128 /824.2	190 /836.6	251 /848.8		MAX	128 /824.2	190 /836.6	251 /848.8
GSM	CS	33.50	32.03	32.10	32.17	9.19	24.31	22.84	22.91	22.98
GPRS/ EGPRS (GMSK)	1 Tx Slot	33.50	31.99	32.06	32.10	9.19	24.31	22.80	22.87	22.91
	2 Tx Slots	31.50	30.46	30.52	30.59	6.13	25.37	24.33	24.39	24.46
	3 Tx Slots	30.00	28.93	28.99	29.08	4.42	25.58	24.51	24.57	24.66
	4 Tx Slots	29.00	27.89	27.95	28.03	3.18	25.82	24.71	24.77	24.85
EGPRS (8PSK)	1 Tx Slot	28.00	26.22	26.53	26.53	9.19	18.81	17.03	17.34	17.34
	2 Tx Slots	27.00	25.24	25.45	25.34	6.13	20.87	19.11	19.32	19.21
	3 Tx Slots	25.00	23.22	23.20	23.24	4.42	20.58	18.80	18.78	18.82
	4 Tx Slots	23.00	21.86	22.02	22.10	3.18	19.82	18.68	18.84	18.92
GSM 1900		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	512 /1850.2	661 /1880	810 /1909.8		MAX	512 /1850.2	661 /1880	810 /1909.8
GSM	CS	30.50	29.56	29.67	28.92	9.19	21.31	20.37	20.48	19.73
GPRS/ EGPRS (GMSK)	1 Tx Slot	30.50	29.50	29.65	28.93	9.19	21.31	20.31	20.46	19.74
	2 Tx Slots	28.00	27.49	27.48	27.47	6.13	21.87	21.36	21.35	21.34
	3 Tx Slots	27.00	26.45	26.44	26.38	4.42	22.58	22.03	22.02	21.96
	4 Tx Slots	25.50	24.95	24.92	24.85	3.18	22.32	21.77	21.74	21.67
EGPRS (8PSK)	1 Tx Slot	27.00	25.83	25.91	25.96	9.19	17.81	16.64	16.72	16.77
	2 Tx Slots	26.50	24.83	24.93	25.00	6.13	20.37	18.70	18.80	18.87
	3 Tx Slots	24.00	22.48	22.35	22.54	4.42	19.58	18.06	17.93	18.12
	4 Tx Slots	22.00	20.23	20.28	20.47	3.18	18.82	17.05	17.10	17.29

Notes:The worst-case configuration and mode for SAR testing is determined to be as follows:
1. Standalone: GSM 850 GMSK (GPRS) mode with 4 time slots for Max power, GSM 1900 GMSK (GPRS) mode with 3 time slots for Max power,based on the output power measurements above..

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GSM-Level 2&3

GSM 850		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	128 /824.2	190 /836.6	251 /848.8		MAX	128 /824.2	190 /836.6	251 /848.8
GSM	CS	29.50	28.47	28.55	28.68	9.19	20.31	19.28	19.36	19.49
GPRS/ EGPRS (GMSK)	1 Tx Slot	29.50	28.48	28.55	28.68	9.19	20.31	19.29	19.36	19.49
	2 Tx Slots	27.50	26.38	26.48	26.60	6.13	21.37	20.25	20.35	20.47
	3 Tx Slots	26.00	24.90	24.99	25.12	4.42	21.58	20.48	20.57	20.70
	4 Tx Slots	25.00	23.83	23.93	24.06	3.18	21.82	20.65	20.75	20.88
EGPRS (8PSK)	1 Tx Slot	24.00	22.52	22.55	22.77	9.19	14.81	13.33	13.36	13.58
	2 Tx Slots	23.00	21.22	21.24	21.50	6.13	16.87	15.09	15.11	15.37
	3 Tx Slots	21.00	19.44	19.26	19.23	4.42	16.58	15.02	14.84	14.81
	4 Tx Slots	20.00	19.76	19.91	19.94	3.18	16.82	16.58	16.73	16.76
GSM 1900		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	512 /1850.2	661 /1880	810 /1909.8		MAX	512 /1850.2	661 /1880	810 /1909.8
GSM	CS	23.00	22.32	22.45	22.33	9.19	13.81	13.13	13.26	13.14
GPRS/ EGPRS (GMSK)	1 Tx Slot	23.00	22.34	22.47	22.35	9.19	13.81	13.15	13.28	13.16
	2 Tx Slots	20.50	19.72	19.85	19.70	6.13	14.37	13.59	13.72	13.57
	3 Tx Slots	19.50	18.79	18.94	18.77	4.42	15.08	14.37	14.52	14.35
	4 Tx Slots	18.00	17.29	17.45	17.25	3.18	14.82	14.11	14.27	14.07
EGPRS (8PSK)	1 Tx Slot	19.50	18.49	18.30	18.60	9.19	10.31	9.30	9.11	9.41
	2 Tx Slots	19.00	17.16	17.10	17.23	6.13	12.87	11.03	10.97	11.10
	3 Tx Slots	16.50	14.97	14.70	14.97	4.42	12.08	10.55	10.28	10.55
	4 Tx Slots	15.00	14.50	14.55	14.66	3.18	11.82	11.32	11.37	11.48

Notes:The worst-case configuration and mode for SAR testing is determined to be as follows:
1. Standalone: GSM 850 GMSK (GPRS) mode with 4 time slots for Max power, GSM 1900 GMSK (GPRS) mode with 3 time slots for Max power,based on the output power measurements above..

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GSM-Level 4&5&6-Sensor on

GSM 850		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	128 /824.2	190 /836.6	251 /848.8		MAX	128 /824.2	190 /836.6	251 /848.8
GSM	CS	33.50	32.03	32.10	32.17	9.19	24.31	22.84	22.91	22.98
GPRS/ EGPRS (GMSK)	1 Tx Slot	33.50	31.99	32.06	32.10	9.19	24.31	22.80	22.87	22.91
	2 Tx Slots	31.50	30.46	30.52	30.59	6.13	25.37	24.33	24.39	24.46
	3 Tx Slots	30.00	28.93	28.99	29.08	4.42	25.58	24.51	24.57	24.66
	4 Tx Slots	29.00	27.89	27.95	28.03	3.18	25.82	24.71	24.77	24.85
EGPRS (8PSK)	1 Tx Slot	28.00	26.22	26.53	26.53	9.19	18.81	17.03	17.34	17.34
	2 Tx Slots	27.00	25.24	25.45	25.34	6.13	20.87	19.11	19.32	19.21
	3 Tx Slots	25.00	23.22	23.20	23.24	4.42	20.58	18.80	18.78	18.82
	4 Tx Slots	23.00	21.86	22.02	22.10	3.18	19.82	18.68	18.84	18.92
GSM 1900		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	512 /1850.2	661 /1880	810 /1909.8		MAX	512 /1850.2	661 /1880	810 /1909.8
GSM	CS	27.50	26.83	26.96	26.83	9.19	18.31	17.64	17.77	17.64
GPRS/ EGPRS (GMSK)	1 Tx Slot	27.50	26.84	26.97	26.84	9.19	18.31	17.65	17.78	17.65
	2 Tx Slots	25.00	24.28	24.43	24.29	6.13	18.87	18.15	18.30	18.16
	3 Tx Slots	24.00	23.27	23.40	23.25	4.42	19.58	18.85	18.98	18.83
	4 Tx Slots	22.50	21.68	21.81	21.66	3.18	19.32	18.50	18.63	18.48
EGPRS (8PSK)	1 Tx Slot	24.00	22.91	22.90	22.98	9.19	14.81	13.72	13.71	13.79
	2 Tx Slots	23.50	21.86	21.77	21.90	6.13	17.37	15.73	15.64	15.77
	3 Tx Slots	21.00	19.38	19.62	19.45	4.42	16.58	14.96	15.20	15.03
	4 Tx Slots	20.00	19.23	19.20	19.47	3.18	16.82	16.05	16.02	16.29

Notes:The worst-case configuration and mode for SAR testing is determined to be as follows:
1. Standalone: GSM 850 GMSK (GPRS) mode with 4 time slots for Max power, GSM 1900 GMSK (GPRS) mode with 3 time slots for Max power,based on the output power measurements above..

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GSM-Level 4&5&6-Sensor off

GSM 850		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	128 /824.2	190 /836.6	251 /848.8		MAX	128 /824.2	190 /836.6	251 /848.8
GSM	CS	33.50	32.03	32.10	32.17	9.19	24.31	22.84	22.91	22.98
GPRS/ EGPRS (GMSK)	1 Tx Slot	33.50	31.99	32.06	32.10	9.19	24.31	22.80	22.87	22.91
	2 Tx Slots	31.50	30.46	30.52	30.59	6.13	25.37	24.33	24.39	24.46
	3 Tx Slots	30.00	28.93	28.99	29.08	4.42	25.58	24.51	24.57	24.66
	4 Tx Slots	29.00	27.89	27.95	28.03	3.18	25.82	24.71	24.77	24.85
EGPRS (8PSK)	1 Tx Slot	28.00	26.22	26.53	26.53	9.19	18.81	17.03	17.34	17.34
	2 Tx Slots	27.00	25.24	25.45	25.34	6.13	20.87	19.11	19.32	19.21
	3 Tx Slots	25.00	23.22	23.20	23.24	4.42	20.58	18.80	18.78	18.82
	4 Tx Slots	23.00	21.86	22.02	22.10	3.18	19.82	18.68	18.84	18.92
GSM 1900		Burst-Averaged output power(dBm)				Division Factors	Frame-Averaged output power(dBm)			
		Tune-up	Channel/Frenqucy(MHz)				Tune-up	Channel/Frenqucy(MHz)		
		MAX	512 /1850.2	661 /1880	810 /1909.8		MAX	512 /1850.2	661 /1880	810 /1909.8
GSM	CS	30.50	29.56	29.67	28.92	9.19	21.31	20.37	20.48	19.73
GPRS/ EGPRS (GMSK)	1 Tx Slot	30.50	29.50	29.65	28.93	9.19	21.31	20.31	20.46	19.74
	2 Tx Slots	28.00	27.49	27.48	27.47	6.13	21.87	21.36	21.35	21.34
	3 Tx Slots	27.00	26.45	26.44	26.38	4.42	22.58	22.03	22.02	21.96
	4 Tx Slots	25.50	24.95	24.92	24.85	3.18	22.32	21.77	21.74	21.67
EGPRS (8PSK)	1 Tx Slot	27.00	25.83	25.91	25.96	9.19	17.81	16.64	16.72	16.77
	2 Tx Slots	26.50	24.83	24.93	25.00	6.13	20.37	18.70	18.80	18.87
	3 Tx Slots	24.00	22.48	22.35	22.54	4.42	19.58	18.06	17.93	18.12
	4 Tx Slots	22.00	20.23	20.28	20.47	3.18	18.82	17.05	17.10	17.29

Notes:The worst-case configuration and mode for SAR testing is determined to be as follows:
1. Standalone: GSM 850 GMSK (GPRS) mode with 4 time slots for Max power, GSM 1900 GMSK (GPRS) mode with 3 time slots for Max power,based on the output power measurements above..

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1.2 WCDMA Mode

The following tests were completed according to the test requirements outlined in the 3GPP TS34.121 specification.

Antenna 0:

WCDMA Full Power

WCDMA		Band II(dBm)				Band IV(dBm)				Band V(dBm)			
Tx Channel		9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4183	4233	Tune-up Limit
Frequency(MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.6	846.6	
RMC	12.2kbps	23.11	23.17	23.14	24.30	23.10	23.07	23.25	24.30	23.95	23.82	23.87	25.00
AMR	12.2kbps	22.09	22.18	22.12	23.30	22.30	22.24	22.23	23.30	22.97	22.85	22.86	24.00
HSDPA	Sub 1	22.12	22.18	22.15	23.30	22.28	22.21	22.20	23.30	22.94	22.81	22.84	24.00
	Sub 2	21.67	21.72	21.66	22.80	21.85	21.75	21.96	22.80	22.49	22.34	22.37	23.50
	Sub 3	21.63	21.65	21.61	22.80	21.81	21.71	21.91	22.80	22.46	22.31	22.34	23.50
	Sub 4	21.24	21.36	21.17	22.30	21.16	21.20	21.29	22.30	21.51	21.40	21.45	22.50
HSUPA	Sub 1	19.75	19.84	19.65	20.80	19.66	19.68	19.77	20.80	20.01	19.87	19.95	21.00
	Sub 2	20.79	20.87	20.70	21.80	20.69	20.73	20.81	21.80	21.04	20.90	20.99	22.00
	Sub 3	20.31	20.37	20.22	21.30	20.20	20.24	20.32	21.30	20.54	20.41	20.49	21.00
	Sub 4	22.10	22.19	22.03	23.30	22.19	22.21	22.29	23.30	22.53	22.38	22.47	23.00
	Sub 5	23.11	23.17	23.14	24.30	23.10	23.07	23.25	24.30	23.95	23.82	23.87	25.00
Note: 1.Per KDB 941225 D01, SAR for each exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.													

WCDMA-Level 1

WCDMA		Band II(dBm)				Band IV(dBm)				Band V(dBm)			
Tx Channel		9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4183	4233	Tune-up Limit
Frequency(MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.6	846.6	
RMC	12.2kbps	23.11	23.17	23.14	24.30	23.10	23.07	23.25	24.30	23.95	23.82	23.87	25.00
HSDPA	Sub 1	22.09	22.18	22.12	23.30	22.30	22.24	22.23	23.30	22.97	22.85	22.86	24.00
	Sub 2	22.12	22.18	22.15	23.30	22.28	22.21	22.20	23.30	22.94	22.81	22.84	24.00
	Sub 3	21.67	21.72	21.66	22.80	21.85	21.75	21.96	22.80	22.49	22.34	22.37	23.50
	Sub 4	21.63	21.65	21.61	22.80	21.81	21.71	21.91	22.80	22.46	22.31	22.34	23.50
HSUPA	Sub 1	21.24	21.36	21.17	22.30	21.16	21.20	21.29	22.30	21.51	21.40	21.45	22.50
	Sub 2	19.75	19.84	19.65	20.80	19.66	19.68	19.77	20.80	20.01	19.87	19.95	21.00
	Sub 3	20.79	20.87	20.70	21.80	20.69	20.73	20.81	21.80	21.04	20.90	20.99	22.00
	Sub 4	20.31	20.37	20.22	21.30	20.20	20.24	20.32	21.30	20.54	20.41	20.49	21.00
	Sub 5	22.10	22.19	22.03	23.30	22.19	22.21	22.29	23.30	22.53	22.38	22.47	23.00
Note: 1.Per KDB 941225 D01, SAR for each exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.													

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WCDMA-Level 2&3

WCDMA		Band II(dBm)				Band IV(dBm)				Band V(dBm)			
Tx Channel		9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4183	4233	Tune-up Limit
Frequency(MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.6	846.6	
RMC	12.2kbps	23.11	23.17	23.14	24.30	23.10	23.07	23.25	24.30	23.95	23.82	23.87	25.00
HSDPA	Sub 1	22.09	22.18	22.12	23.30	22.30	22.24	22.23	23.30	22.97	22.85	22.86	24.00
	Sub 2	22.12	22.18	22.15	23.30	22.28	22.21	22.20	23.30	22.94	22.81	22.84	24.00
	Sub 3	21.67	21.72	21.66	22.80	21.85	21.75	21.96	22.80	22.49	22.34	22.37	23.50
	Sub 4	21.63	21.65	21.61	22.80	21.81	21.71	21.91	22.80	22.46	22.31	22.34	23.50
HSUPA	Sub 1	21.24	21.36	21.17	22.30	21.16	21.20	21.29	22.30	21.51	21.40	21.45	22.50
	Sub 2	19.75	19.84	19.65	20.80	19.66	19.68	19.77	20.80	20.01	19.87	19.95	21.00
	Sub 3	20.79	20.87	20.70	21.80	20.69	20.73	20.81	21.80	21.04	20.90	20.99	22.00
	Sub 4	20.31	20.37	20.22	21.30	20.20	20.24	20.32	21.30	20.54	20.41	20.49	21.00
	Sub 5	22.10	22.19	22.03	23.30	22.19	22.21	22.29	23.30	22.53	22.38	22.47	23.00

Note: 1.Per KDB 941225 D01, SAR for each exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.

WCDMA-Level 4&5&6

WCDMA		Band II(dBm)				Band IV(dBm)				Band V(dBm)			
Tx Channel		9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4183	4233	Tune-up Limit
Frequency(MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.6	846.6	
RMC	12.2kbps	20.98	21.05	21.02	22.30	20.86	20.73	20.82	21.80	23.95	23.82	23.87	25.00
HSDPA	Sub 1	21.03	21.06	21.04	21.30	20.37	20.24	20.32	20.80	22.97	22.85	22.86	24.00
	Sub 2	21.01	21.04	21.02	21.30	20.37	20.25	20.32	20.80	22.94	22.81	22.84	24.00
	Sub 3	20.76	20.78	20.77	20.80	19.92	19.76	19.86	20.30	22.49	22.34	22.37	23.50
	Sub 4	20.74	20.75	20.72	20.80	19.86	19.73	19.81	20.30	22.46	22.31	22.34	23.50
HSUPA	Sub 1	19.10	19.46	19.13	20.30	18.64	18.56	18.77	19.80	21.51	21.40	21.45	22.50
	Sub 2	17.64	17.78	17.60	18.80	17.30	17.30	17.39	18.30	20.01	19.87	19.95	21.00
	Sub 3	18.83	18.76	18.73	19.80	18.19	18.11	18.46	19.30	21.04	20.90	20.99	22.00
	Sub 4	18.40	18.46	18.14	19.30	17.79	17.82	17.82	18.80	20.54	20.41	20.49	21.00
	Sub 5	20.06	20.18	19.96	21.30	19.75	19.61	19.91	20.80	22.53	22.38	22.47	23.00

Note: 1.Per KDB 941225 D01, SAR for each exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.

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Antenna 1:

WCDMA Full Power

WCDMA		Band II(dBm)				Band IV(dBm)				Band V(dBm)			
Tx Channel		9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4183	4233	Tune-up Limit
Frequency(MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.6	846.6	
RMC	12.2kbps	23.20	23.34	23.32	24.30	23.04	23.00	23.22	24.30	23.75	23.67	23.71	25.00
HSDPA	Sub 1	22.19	22.37	22.30	23.30	22.22	22.16	22.22	23.30	22.77	22.70	22.70	24.00
	Sub 2	22.21	22.36	22.31	23.30	22.23	22.20	22.21	23.30	22.75	22.69	22.70	24.00
	Sub 3	21.73	21.87	21.86	22.80	21.77	21.70	21.93	22.80	22.30	22.20	22.22	23.50
	Sub 4	21.73	21.87	21.81	22.80	21.72	21.65	21.88	22.80	22.27	22.19	22.22	23.50
HSUPA	Sub 1	21.24	21.36	21.17	22.30	21.16	21.20	21.29	22.30	21.51	21.40	21.45	22.50
	Sub 2	19.75	19.84	19.65	20.80	19.66	19.68	19.77	20.80	20.01	19.87	19.95	21.00
	Sub 3	20.79	20.87	20.70	21.80	20.69	20.73	20.81	21.80	21.04	20.90	20.99	22.00
	Sub 4	20.31	20.37	20.22	21.30	20.20	20.24	20.32	21.30	20.54	20.41	20.49	21.00
	Sub 5	22.10	22.19	22.03	23.30	22.19	22.21	22.29	23.30	22.53	22.38	22.47	23.00

Note: 1.Per KDB 941225 D01, SAR for each exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.

WCDMA-Level 1

WCDMA		Band II(dBm)				Band IV(dBm)				Band V(dBm)			
Tx Channel		9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4183	4233	Tune-up Limit
Frequency(MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.6	846.6	
RMC	12.2kbps	15.77	15.71	15.79	16.80	17.25	17.31	17.27	18.30	22.17	22.00	22.03	23.50
HSDPA	Sub 1	15.45	15.40	15.52	15.80	16.83	16.76	16.88	17.30	21.15	20.99	20.98	22.50
	Sub 2	15.36	15.34	15.66	15.80	16.82	16.79	16.67	17.30	21.17	20.95	20.99	22.50
	Sub 3	14.78	14.79	15.02	15.30	16.19	16.23	16.12	16.80	20.70	20.49	20.50	22.00
	Sub 4	14.89	15.00	15.10	15.30	16.42	16.12	16.21	16.80	20.64	20.48	20.49	22.00
HSUPA	Sub 1	13.60	13.60	13.77	14.80	15.07	15.24	14.81	16.30	19.63	19.61	19.58	21.00
	Sub 2	12.11	12.20	12.31	13.30	13.56	13.67	13.47	14.80	18.11	18.10	18.06	19.50
	Sub 3	13.29	13.27	13.31	14.30	14.69	14.80	14.59	15.80	19.14	19.14	19.10	20.50
	Sub 4	12.69	12.60	12.69	13.80	14.17	14.08	14.00	15.30	18.65	18.63	18.58	19.50
	Sub 5	14.62	14.84	14.75	15.80	16.17	16.26	15.92	17.30	20.66	20.61	20.59	21.50

Note: 1.Per KDB 941225 D01, SAR for each exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.

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WCDMA-Level 2&3

WCDMA		Band II(dBm)				Band IV(dBm)				Band V(dBm)			
Tx Channel		9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4183	4233	Tune-up Limit
Frequency(MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.6	846.6	
RMC	12.2kbps	14.28	14.23	14.26	15.30	15.88	15.76	15.86	16.80	20.55	20.54	20.67	22.00
HSDPA	Sub 1	14.29	14.30	14.30	15.30	15.37	15.26	15.38	15.80	19.55	19.52	19.60	21.00
	Sub 2	14.27	14.28	14.29	15.30	15.38	15.26	15.38	15.80	19.55	19.55	19.70	21.00
	Sub 3	13.81	13.83	13.83	14.80	14.90	14.78	14.91	15.30	19.08	19.07	19.18	20.50
	Sub 4	13.79	13.78	13.78	14.80	14.87	14.73	14.85	15.30	19.05	19.01	19.07	20.50
HSUPA	Sub 1	13.23	13.41	13.03	14.30	13.48	13.66	13.44	14.80	18.11	18.16	18.18	19.50
	Sub 2	11.70	11.72	11.60	12.80	12.11	12.27	11.87	13.30	16.64	16.53	16.44	18.00
	Sub 3	12.82	12.80	12.64	13.80	13.08	13.11	13.07	14.30	17.75	17.62	17.58	19.00
	Sub 4	12.22	12.38	12.24	13.30	12.60	12.74	12.58	13.80	17.30	17.23	17.00	18.00
	Sub 5	14.12	14.27	14.12	15.30	14.70	14.55	14.34	15.80	19.21	19.14	19.17	20.00

Note: 1.Per KDB 941225 D01, SAR for each exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.

WCDMA-Level 4&5&6-Sensor on

WCDMA		Band II(dBm)				Band IV(dBm)				Band V(dBm)			
Tx Channel		9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4183	4233	Tune-up Limit
Frequency(MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.6	846.6	
RMC	12.2kbps	18.80	18.85	18.82	19.80	20.92	20.84	20.94	21.80	23.75	23.67	23.71	25.00
HSDPA	Sub 1	18.86	18.88	18.86	19.80	20.47	20.35	20.45	20.80	22.77	22.70	22.70	24.00
	Sub 2	18.85	18.88	18.85	19.80	20.46	20.37	20.47	20.80	22.75	22.69	22.70	24.00
	Sub 3	18.37	18.40	18.41	19.30	19.99	19.87	20.01	20.30	22.30	22.20	22.22	23.50
	Sub 4	18.37	18.39	18.38	19.30	19.96	19.83	19.94	20.30	22.27	22.19	22.22	23.50
HSUPA	Sub 1	16.67	16.80	16.87	17.80	18.52	18.67	18.65	19.80	21.51	21.40	21.45	22.50
	Sub 2	15.05	15.39	15.36	16.30	17.18	17.28	17.09	18.30	20.01	19.87	19.95	21.00
	Sub 3	16.22	16.20	16.35	17.30	18.10	17.85	17.91	19.30	21.04	20.90	20.99	22.00
	Sub 4	15.64	15.63	15.87	16.80	17.35	17.68	17.49	18.80	20.54	20.41	20.49	21.00
	Sub 5	17.52	17.59	17.74	18.80	19.52	19.51	19.55	20.80	22.53	22.38	22.47	23.00

Note: 1.Per KDB 941225 D01, SAR for each exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.

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WCDMA-Level 4&5&6-Sensor off

WCDMA		Band II(dBm)				Band IV(dBm)				Band V(dBm)			
Tx Channel		9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4183	4233	Tune-up Limit
Frequency(MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.6	846.6	
RMC	12.2kbps	23.20	23.34	23.32	24.30	23.04	23.00	23.22	24.30	23.75	23.67	23.71	25.00
HSDPA	Sub 1	22.19	22.37	22.30	23.30	22.22	22.16	22.22	23.30	22.77	22.70	22.70	24.00
	Sub 2	22.21	22.36	22.31	23.30	22.23	22.20	22.21	23.30	22.75	22.69	22.70	24.00
	Sub 3	21.73	21.87	21.86	22.80	21.77	21.70	21.93	22.80	22.30	22.20	22.22	23.50
	Sub 4	21.73	21.87	21.81	22.80	21.72	21.65	21.88	22.80	22.27	22.19	22.22	23.50
HSUPA	Sub 1	21.24	21.36	21.17	22.30	21.16	21.20	21.29	22.30	21.51	21.40	21.45	22.50
	Sub 2	19.75	19.84	19.65	20.80	19.66	19.68	19.77	20.80	20.01	19.87	19.95	21.00
	Sub 3	20.79	20.87	20.70	21.80	20.69	20.73	20.81	21.80	21.04	20.90	20.99	22.00
	Sub 4	20.31	20.37	20.22	21.30	20.20	20.24	20.32	21.30	20.54	20.41	20.49	21.00
	Sub 5	22.10	22.19	22.03	23.30	22.19	22.21	22.29	23.30	22.53	22.38	22.47	23.00

Note: 1.Per KDB 941225 D01, SAR for each exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1’s”.

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1.3 LTE Mode

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 3

Modulation	Channel bandwidth / Transmission bandwidth (N_{RB})						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3

Antenna 0:

LTE FDD Band 2 LTE B2-Normal power				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				18607/1850.7	18900/1880	19193/1909.3	
1.4MHz	QPSK	1	0	23.15	23.24	23.06	24.50
		1	3	23.20	23.22	22.93	24.50
		1	5	23.34	23.15	23.10	24.50
		3	0	23.11	23.10	23.02	24.50
		3	1	23.11	23.07	23.06	24.50
		3	3	23.02	23.04	22.88	24.50
		6	0	22.18	22.19	22.12	23.50
	16QAM	1	0	22.63	22.55	22.53	23.50
		1	3	23.03	22.64	22.43	23.50
		1	5	22.81	22.74	22.41	23.50
		3	0	22.81	22.41	22.36	23.50
		3	1	22.63	22.61	22.47	23.50
		3	3	22.58	22.45	22.55	23.50
		6	0	21.31	21.14	21.16	22.50
	64QAM	1	0	21.68	21.70	21.52	22.50
		1	3	21.60	21.63	21.67	22.50
		1	5	21.73	21.71	21.61	22.50
		3	0	21.58	21.62	21.44	22.50
		3	1	21.66	21.64	21.66	22.50
		3	3	21.61	21.62	21.69	22.50
		6	0	20.20	20.37	19.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18615/1851.5	18900/1880	19185/1908.5	
3MHz	QPSK	1	0	23.25	23.35	23.10	24.50

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		1	8	23.14	23.23	22.98	24.50
		1	14	23.33	23.19	22.91	24.50
		8	0	22.14	22.44	21.97	23.50
		8	4	22.29	22.39	22.05	23.50
		8	7	22.37	22.07	21.95	23.50
		15	0	22.30	22.41	21.97	23.50
	16QAM	1	0	22.64	22.64	22.42	23.50
		1	8	23.04	22.58	22.45	23.50
		1	14	22.95	22.54	22.41	23.50
		8	0	21.31	21.52	21.24	22.50
		8	4	21.52	21.43	21.38	22.50
		8	7	21.41	21.06	21.22	22.50
		15	0	21.47	21.14	21.27	22.50
	64QAM	1	0	21.41	21.67	21.51	22.50
		1	8	21.48	21.58	21.69	22.50
		1	14	21.83	21.74	21.78	22.50
		8	0	20.41	20.66	20.09	21.50
		8	4	20.41	20.53	20.14	21.50
		8	7	20.43	20.21	20.16	21.50
		15	0	20.16	20.52	19.86	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18625/1852.5	18900/1880	19175/1907.5	
5MHz	QPSK	1	0	23.13	23.08	22.88	24.50
		1	12	23.12	23.21	23.19	24.50
		1	24	23.22	23.41	22.91	24.50
		12	0	22.22	22.59	22.07	23.50
		12	7	22.36	22.23	21.98	23.50
		12	13	22.58	22.14	22.14	23.50
		25	0	22.28	22.16	22.02	23.50
	16QAM	1	0	22.84	22.62	22.52	23.50
		1	12	22.81	22.64	22.40	23.50
		1	24	22.97	22.50	22.57	23.50
		12	0	21.32	21.30	21.20	22.50
		12	7	21.35	21.47	21.14	22.50
		12	13	21.46	21.23	21.10	22.50
		25	0	21.27	21.28	21.17	22.50
	64QAM	1	0	21.51	21.85	21.43	22.50
		1	12	21.73	21.58	21.86	22.50
		1	24	21.80	21.63	21.55	22.50
		12	0	20.42	20.60	20.03	21.50
		12	7	20.35	20.54	19.87	21.50
		12	13	20.30	20.40	20.02	21.50
		25	0	20.28	20.54	19.89	21.50

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Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18650/1855	18900/1880	19150/1905	
10MHz	QPSK	1	0	23.27	23.16	22.90	24.50
		1	25	**23.27**	23.37	**23.04**	24.50
		1	49	23.40	23.34	22.90	24.50
		25	0	22.29	22.34	22.06	23.50
		25	12	22.46	22.27	22.23	23.50
		25	25	22.46	22.19	22.06	23.50
		50	0	22.42	22.39	22.03	23.50
	16QAM	1	0	22.89	22.68	22.42	23.50
		1	25	23.02	22.60	22.44	23.50
		1	49	22.93	22.75	22.50	23.50
		25	0	21.23	21.59	21.10	22.50
		25	12	21.33	21.20	21.31	22.50
		25	25	21.47	21.23	21.13	22.50
		50	0	21.26	21.41	21.07	22.50
	64QAM	1	0	21.68	21.80	21.46	22.50
		1	25	21.61	21.60	21.68	22.50
		1	49	21.59	21.86	21.52	22.50
		25	0	20.17	20.39	20.02	21.50
		25	12	20.25	20.29	19.88	21.50
		25	25	20.42	20.18	20.03	21.50
		50	0	20.15	20.49	19.76	21.50

Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18675/1857.5	18900/1880	19125/1902.5	
15MHz	QPSK	1	0	23.25	23.21	23.15	24.50
		1	37	23.39	23.39	23.22	24.50
		1	74	23.11	23.26	23.12	24.50
		36	0	22.18	22.32	22.11	23.50
		36	20	22.29	22.38	22.17	23.50
		36	39	22.49	22.31	21.96	23.50
		75	0	22.34	22.30	22.15	23.50
	16QAM	1	0	22.62	22.54	22.55	23.50
		1	37	23.04	22.77	22.55	23.50
		1	74	22.99	22.49	22.60	23.50
		36	0	21.11	21.35	21.29	22.50
		36	20	21.48	21.27	21.33	22.50
		36	39	21.50	21.19	21.12	22.50
		75	0	21.22	21.34	21.23	22.50
	64QAM	1	0	21.49	21.87	21.63	22.50
		1	37	21.46	21.73	21.71	22.50
		1	74	21.80	21.75	21.77	22.50
		36	0	20.23	20.61	20.09	21.50

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		36	20	20.21	20.45	20.00	21.50
		36	39	20.40	20.34	20.27	21.50
		75	0	20.31	20.34	19.71	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18700/1860	18900/1880	19100/1900	
20MHz	QPSK	1	0	23.15	23.23	23.02	24.50
		1	49	23.26	23.32	23.08	24.50
		1	99	23.26	23.26	23.04	24.50
		50	0	22.24	22.45	22.04	23.50
		50	24	22.39	22.35	22.12	23.50
		50	50	22.49	22.21	22.00	23.50
		100	0	22.33	22.27	22.00	23.50
	16QAM	1	0	22.77	22.57	22.44	23.50
		1	49	22.92	22.67	22.52	23.50
		1	99	22.86	22.61	22.48	23.50
		50	0	21.25	21.44	21.16	22.50
		50	24	21.37	21.35	21.25	22.50
		50	50	21.48	21.21	21.12	22.50
		100	0	21.35	21.29	21.17	22.50
	64QAM	1	0	21.56	21.76	21.50	22.50
		1	49	21.61	21.69	21.71	22.50
		1	99	21.72	21.75	21.64	22.50
		50	0	20.31	20.52	20.15	21.50
		50	24	20.31	20.43	20.02	21.50
		50	50	20.44	20.29	20.13	21.50
		100	0	20.20	20.41	19.86	21.50

LTE FDD Band 2 LTE B2-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				18607/1850.7	18900/1880	19193/1909.3	
1.4MHz	QPSK	1	0	23.15	23.24	23.06	24.50
		1	3	23.20	23.22	22.93	24.50
		1	5	23.34	23.15	23.10	24.50
		3	0	23.11	23.10	23.02	24.50
		3	1	23.11	23.07	23.06	24.50
		3	3	23.02	23.04	22.88	24.50
		6	0	22.18	22.19	22.12	23.50
	16QAM	1	0	22.63	22.55	22.53	23.50
		1	3	23.03	22.64	22.43	23.50
		1	5	22.81	22.74	22.41	23.50
		3	0	22.81	22.41	22.36	23.50
		3	1	22.63	22.61	22.47	23.50

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		3	3	22.58	22.45	22.55	23.50
		6	0	21.31	21.14	21.16	22.50
	64QAM	1	0	21.68	21.70	21.52	22.50
		1	3	21.60	21.63	21.67	22.50
		1	5	21.73	21.71	21.61	22.50
		3	0	21.58	21.62	21.44	22.50
		3	1	21.66	21.64	21.66	22.50
		3	3	21.61	21.62	21.69	22.50
		6	0	20.20	20.37	19.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18615/1851.5	18900/1880	19185/1908.5	
3MHz	QPSK	1	0	23.25	23.35	23.10	24.50
		1	8	23.14	23.23	22.98	24.50
		1	14	23.33	23.19	22.91	24.50
		8	0	22.14	22.44	21.97	23.50
		8	4	22.29	22.39	22.05	23.50
		8	7	22.37	22.07	21.95	23.50
		15	0	22.30	22.41	21.97	23.50
	16QAM	1	0	22.64	22.64	22.42	23.50
		1	8	23.04	22.58	22.45	23.50
		1	14	22.95	22.54	22.41	23.50
		8	0	21.31	21.52	21.24	22.50
		8	4	21.52	21.43	21.38	22.50
		8	7	21.41	21.06	21.22	22.50
		15	0	21.47	21.14	21.27	22.50
	64QAM	1	0	21.41	21.67	21.51	22.50
		1	8	21.48	21.58	21.69	22.50
		1	14	21.83	21.74	21.78	22.50
		8	0	20.41	20.66	20.09	21.50
		8	4	20.41	20.53	20.14	21.50
		8	7	20.43	20.21	20.16	21.50
		15	0	20.16	20.52	19.86	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18625/1852.5	18900/1880	19175/1907.5	
5MHz	QPSK	1	0	23.13	23.08	22.88	24.50
		1	12	23.12	23.21	23.19	24.50
		1	24	23.22	23.41	22.91	24.50
		12	0	22.22	22.59	22.07	23.50
		12	7	22.36	22.23	21.98	23.50
		12	13	22.58	22.14	22.14	23.50
		25	0	22.28	22.16	22.02	23.50
	16QAM	1	0	22.84	22.62	22.52	23.50
		1	12	22.81	22.64	22.40	23.50

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		1	24	22.97	22.50	22.57	23.50
		12	0	21.32	21.30	21.20	22.50
		12	7	21.35	21.47	21.14	22.50
		12	13	21.46	21.23	21.10	22.50
		25	0	21.27	21.28	21.17	22.50
	64QAM	1	0	21.51	21.85	21.43	22.50
		1	12	21.73	21.58	21.86	22.50
		1	24	21.80	21.63	21.55	22.50
		12	0	20.42	20.60	20.03	21.50
		12	7	20.35	20.54	19.87	21.50
		12	13	20.30	20.40	20.02	21.50
		25	0	20.28	20.54	19.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18650/1855	18900/1880	19150/1905	
10MHz	QPSK	1	0	23.27	23.16	22.90	24.50
		1	25	**23.27**	23.37	**23.04**	24.50
		1	49	23.40	23.34	22.90	24.50
		25	0	22.29	22.34	22.06	23.50
		25	12	22.46	22.27	22.23	23.50
		25	25	22.46	22.19	22.06	23.50
		50	0	22.42	22.39	22.03	23.50
	16QAM	1	0	22.89	22.68	22.42	23.50
		1	25	23.02	22.60	22.44	23.50
		1	49	22.93	22.75	22.50	23.50
		25	0	21.23	21.59	21.10	22.50
		25	12	21.33	21.20	21.31	22.50
		25	25	21.47	21.23	21.13	22.50
		50	0	21.26	21.41	21.07	22.50
	64QAM	1	0	21.68	21.80	21.46	22.50
		1	25	21.61	21.60	21.68	22.50
		1	49	21.59	21.86	21.52	22.50
		25	0	20.17	20.39	20.02	21.50
		25	12	20.25	20.29	19.88	21.50
		25	25	20.42	20.18	20.03	21.50
		50	0	20.15	20.49	19.76	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18675/1857.5	18900/1880	19125/1902.5	
15MHz	QPSK	1	0	23.25	23.21	23.15	24.50
		1	37	23.39	23.39	23.22	24.50
		1	74	23.11	23.26	23.12	24.50
		36	0	22.18	22.32	22.11	23.50
		36	20	22.29	22.38	22.17	23.50
		36	39	22.49	22.31	21.96	23.50

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		75	0	22.34	22.30	22.15	23.50
	16QAM	1	0	22.62	22.54	22.55	23.50
		1	37	23.04	22.77	22.55	23.50
		1	74	22.99	22.49	22.60	23.50
		36	0	21.11	21.35	21.29	22.50
		36	20	21.48	21.27	21.33	22.50
		36	39	21.50	21.19	21.12	22.50
		75	0	21.22	21.34	21.23	22.50
	64QAM	1	0	21.49	21.87	21.63	22.50
		1	37	21.46	21.73	21.71	22.50
		1	74	21.80	21.75	21.77	22.50
		36	0	20.23	20.61	20.09	21.50
		36	20	20.21	20.45	20.00	21.50
		36	39	20.40	20.34	20.27	21.50
		75	0	20.31	20.34	19.71	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18700/1860	18900/1880	19100/1900	
20MHz	QPSK	1	0	23.15	23.23	23.02	24.50
		1	49	23.26	23.32	23.08	24.50
		1	99	23.26	23.26	23.04	24.50
		50	0	22.24	22.45	22.04	23.50
		50	24	22.39	22.35	22.12	23.50
		50	50	22.49	22.21	22.00	23.50
		100	0	22.33	22.27	22.00	23.50
	16QAM	1	0	22.77	22.57	22.44	23.50
		1	49	22.92	22.67	22.52	23.50
		1	99	22.86	22.61	22.48	23.50
		50	0	21.25	21.44	21.16	22.50
		50	24	21.37	21.35	21.25	22.50
		50	50	21.48	21.21	21.12	22.50
		100	0	21.35	21.29	21.17	22.50
	64QAM	1	0	21.56	21.76	21.50	22.50
		1	49	21.61	21.69	21.71	22.50
		1	99	21.72	21.75	21.64	22.50
		50	0	20.31	20.52	20.15	21.50
		50	24	20.31	20.43	20.02	21.50
		50	50	20.44	20.29	20.13	21.50
		100	0	20.20	20.41	19.86	21.50

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LTE FDD Band 2 LTE B2-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				18607/1850.7	18900/1880	19193/1909.3	
1.4MHz	QPSK	1	0	23.15	23.24	23.06	24.50
		1	3	23.20	23.22	22.93	24.50
		1	5	23.34	23.15	23.10	24.50
		3	0	23.11	23.10	23.02	24.50
		3	1	23.11	23.07	23.06	24.50
		3	3	23.02	23.04	22.88	24.50
		6	0	22.18	22.19	22.12	23.50
	16QAM	1	0	22.63	22.55	22.53	23.50
		1	3	23.03	22.64	22.43	23.50
		1	5	22.81	22.74	22.41	23.50
		3	0	22.81	22.41	22.36	23.50
		3	1	22.63	22.61	22.47	23.50
		3	3	22.58	22.45	22.55	23.50
		6	0	21.31	21.14	21.16	22.50
	64QAM	1	0	21.68	21.70	21.52	22.50
		1	3	21.60	21.63	21.67	22.50
		1	5	21.73	21.71	21.61	22.50
		3	0	21.58	21.62	21.44	22.50
		3	1	21.66	21.64	21.66	22.50
		3	3	21.61	21.62	21.69	22.50
		6	0	20.20	20.37	19.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18615/1851.5	18900/1880	19185/1908.5	
3MHz	QPSK	1	0	23.25	23.35	23.10	24.50
		1	8	23.14	23.23	22.98	24.50
		1	14	23.33	23.19	22.91	24.50
		8	0	22.14	22.44	21.97	23.50
		8	4	22.29	22.39	22.05	23.50
		8	7	22.37	22.07	21.95	23.50
		15	0	22.30	22.41	21.97	23.50
	16QAM	1	0	22.64	22.64	22.42	23.50
		1	8	23.04	22.58	22.45	23.50
		1	14	22.95	22.54	22.41	23.50
		8	0	21.31	21.52	21.24	22.50
		8	4	21.52	21.43	21.38	22.50
		8	7	21.41	21.06	21.22	22.50
		15	0	21.47	21.14	21.27	22.50
	64QAM	1	0	21.41	21.67	21.51	22.50
		1	8	21.48	21.58	21.69	22.50

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		1	14	21.83	21.74	21.78	22.50
		8	0	20.41	20.66	20.09	21.50
		8	4	20.41	20.53	20.14	21.50
		8	7	20.43	20.21	20.16	21.50
		15	0	20.16	20.52	19.86	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18625/1852.5	18900/1880	19175/1907.5	
5MHz	QPSK	1	0	23.13	23.08	22.88	24.50
		1	12	23.12	23.21	23.19	24.50
		1	24	23.22	23.41	22.91	24.50
		12	0	22.22	22.59	22.07	23.50
		12	7	22.36	22.23	21.98	23.50
		12	13	22.58	22.14	22.14	23.50
		25	0	22.28	22.16	22.02	23.50
	16QAM	1	0	22.84	22.62	22.52	23.50
		1	12	22.81	22.64	22.40	23.50
		1	24	22.97	22.50	22.57	23.50
		12	0	21.32	21.30	21.20	22.50
		12	7	21.35	21.47	21.14	22.50
		12	13	21.46	21.23	21.10	22.50
		25	0	21.27	21.28	21.17	22.50
	64QAM	1	0	21.51	21.85	21.43	22.50
		1	12	21.73	21.58	21.86	22.50
		1	24	21.80	21.63	21.55	22.50
		12	0	20.42	20.60	20.03	21.50
		12	7	20.35	20.54	19.87	21.50
		12	13	20.30	20.40	20.02	21.50
		25	0	20.28	20.54	19.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18650/1855	18900/1880	19150/1905	
10MHz	QPSK	1	0	23.27	23.16	22.90	24.50
		1	25	**23.27**	23.37	**23.04**	24.50
		1	49	23.40	23.34	22.90	24.50
		25	0	22.29	22.34	22.06	23.50
		25	12	22.46	22.27	22.23	23.50
		25	25	22.46	22.19	22.06	23.50
		50	0	22.42	22.39	22.03	23.50
	16QAM	1	0	22.89	22.68	22.42	23.50
		1	25	23.02	22.60	22.44	23.50
		1	49	22.93	22.75	22.50	23.50
		25	0	21.23	21.59	21.10	22.50
		25	12	21.33	21.20	21.31	22.50
		25	25	21.47	21.23	21.13	22.50

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		50	0	21.26	21.41	21.07	22.50
	64QAM	1	0	21.68	21.80	21.46	22.50
		1	25	21.61	21.60	21.68	22.50
		1	49	21.59	21.86	21.52	22.50
		25	0	20.17	20.39	20.02	21.50
		25	12	20.25	20.29	19.88	21.50
		25	25	20.42	20.18	20.03	21.50
		50	0	20.15	20.49	19.76	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18675/1857.5	18900/1880	19125/1902.5	
15MHz	QPSK	1	0	23.25	23.21	23.15	24.50
		1	37	23.39	23.39	23.22	24.50
		1	74	23.11	23.26	23.12	24.50
		36	0	22.18	22.32	22.11	23.50
		36	20	22.29	22.38	22.17	23.50
		36	39	22.49	22.31	21.96	23.50
		75	0	22.34	22.30	22.15	23.50
	16QAM	1	0	22.62	22.54	22.55	23.50
		1	37	23.04	22.77	22.55	23.50
		1	74	22.99	22.49	22.60	23.50
		36	0	21.11	21.35	21.29	22.50
		36	20	21.48	21.27	21.33	22.50
		36	39	21.50	21.19	21.12	22.50
		75	0	21.22	21.34	21.23	22.50
	64QAM	1	0	21.49	21.87	21.63	22.50
		1	37	21.46	21.73	21.71	22.50
		1	74	21.80	21.75	21.77	22.50
		36	0	20.23	20.61	20.09	21.50
		36	20	20.21	20.45	20.00	21.50
		36	39	20.40	20.34	20.27	21.50
		75	0	20.31	20.34	19.71	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18700/1860	18900/1880	19100/1900	
20MHz	QPSK	1	0	23.15	23.23	23.02	24.50
		1	49	23.26	23.32	23.08	24.50
		1	99	23.26	23.26	23.04	24.50
		50	0	22.24	22.45	22.04	23.50
		50	24	22.39	22.35	22.12	23.50
		50	50	22.49	22.21	22.00	23.50
		100	0	22.33	22.27	22.00	23.50
	16QAM	1	0	22.77	22.57	22.44	23.50
		1	49	22.92	22.67	22.52	23.50
		1	99	22.86	22.61	22.48	23.50

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		50	0	21.25	21.44	21.16	22.50
		50	24	21.37	21.35	21.25	22.50
		50	50	21.48	21.21	21.12	22.50
		100	0	21.35	21.29	21.17	22.50
	64QAM	1	0	21.56	21.76	21.50	22.50
		1	49	21.61	21.69	21.71	22.50
		1	99	21.72	21.75	21.64	22.50
		50	0	20.31	20.52	20.15	21.50
		50	24	20.31	20.43	20.02	21.50
		50	50	20.44	20.29	20.13	21.50
		100	0	20.20	20.41	19.86	21.50

LTE FDD Band 2 LTE B2-Level 4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				18607/1850.7	18900/1880	19193/1909.3	
1.4MHz	QPSK	1	0	20.65	20.66	20.55	22.00
		1	3	20.66	20.69	20.50	22.00
		1	5	20.38	20.65	20.56	22.00
		3	0	20.44	20.78	20.77	22.00
		3	1	20.72	20.70	20.64	22.00
		3	3	20.81	20.52	20.66	22.00
		6	0	20.54	20.52	20.60	22.00
	16QAM	1	0	20.40	20.65	20.60	22.00
		1	3	20.61	20.73	20.60	22.00
		1	5	20.21	20.56	20.36	22.00
		3	0	20.51	20.77	20.79	22.00
		3	1	20.54	20.74	20.70	22.00
		3	3	21.01	20.59	20.59	22.00
		6	0	20.69	20.71	20.67	22.00
	64QAM	1	0	20.49	20.78	20.62	22.00
		1	3	20.56	20.63	20.64	22.00
		1	5	20.44	20.78	20.71	22.00
		3	0	20.50	20.60	20.49	22.00
		3	1	20.45	20.62	20.73	22.00
		3	3	20.45	20.47	20.45	22.00
		6	0	19.90	20.45	20.11	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18615/1851.5	18900/1880	19185/1908.5	
3MHz	QPSK	1	0	20.62	20.69	20.55	22.00
		1	8	20.59	20.71	20.60	22.00
		1	14	20.35	20.72	20.58	22.00
		8	0	20.54	20.86	20.83	22.00

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		8	4	20.55	20.80	20.82	22.00
		8	7	20.79	20.64	20.56	22.00
		15	0	20.65	20.70	20.64	22.00
	16QAM	1	0	20.49	20.46	20.55	22.00
		1	8	20.45	20.74	20.64	22.00
		1	14	20.29	20.45	20.48	22.00
		8	0	20.66	20.62	20.74	22.00
		8	4	20.58	20.73	20.87	22.00
		8	7	20.96	20.88	20.50	22.00
		15	0	20.66	20.78	20.60	22.00
	64QAM	1	0	20.35	20.76	20.59	22.00
		1	8	20.51	20.65	20.53	22.00
		1	14	20.38	20.73	20.63	22.00
		8	0	20.32	20.61	20.23	21.50
		8	4	20.28	20.31	20.12	21.50
		8	7	20.50	20.47	20.08	21.50
		15	0	20.05	20.64	19.99	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				18625/1852.5	18900/1880	19175/1907.5	Limit
5MHz	QPSK	1	0	20.56	20.72	20.53	22.00
		1	12	20.72	20.70	20.70	22.00
		1	24	20.34	20.61	20.59	22.00
		12	0	20.62	20.78	20.67	22.00
		12	7	20.73	20.64	20.86	22.00
		12	13	20.71	20.73	20.51	22.00
		25	0	20.81	20.77	20.77	22.00
	16QAM	1	0	20.51	20.50	20.67	22.00
		1	12	20.66	20.79	20.60	22.00
		1	24	20.45	20.51	20.42	22.00
		12	0	20.47	20.69	20.61	22.00
		12	7	20.73	20.98	20.81	22.00
		12	13	21.01	20.70	20.56	22.00
		25	0	20.80	20.52	20.68	22.00
	64QAM	1	0	20.60	20.52	20.53	22.00
		1	12	20.35	20.79	20.46	22.00
		1	24	20.35	20.72	20.69	22.00
		12	0	20.30	20.63	20.35	21.50
		12	7	20.33	20.43	20.01	21.50
		12	13	20.34	20.31	20.15	21.50
		25	0	20.06	20.63	19.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				18650/1855	18900/1880	19150/1905	Limit
10MHz	QPSK	1	0	20.66	20.62	20.73	22.00

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		1	25	20.46	20.65	20.61	22.00
		1	49	20.39	20.74	20.40	22.00
		25	0	20.65	20.88	20.68	22.00
		25	12	20.81	20.86	20.86	22.00
		25	25	20.71	20.59	20.55	22.00
		50	0	20.77	20.75	20.76	22.00
	16QAM	1	0	20.43	20.68	20.64	22.00
		1	25	20.41	20.74	20.69	22.00
		1	49	20.24	20.57	20.46	22.00
		25	0	20.68	20.65	20.73	22.00
		25	12	20.75	20.74	20.80	22.00
		25	25	20.79	20.63	20.37	22.00
		50	0	20.69	20.66	20.61	22.00
	64QAM	1	0	20.49	20.52	20.64	22.00
		1	25	20.56	20.53	20.70	22.00
		1	49	20.46	20.66	20.48	22.00
		25	0	20.45	20.51	20.15	21.50
		25	12	20.38	20.29	20.09	21.50
		25	25	20.53	20.45	20.05	21.50
		50	0	19.99	20.52	19.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18675/1857.5	18900/1880	19125/1902.5	
15MHz	QPSK	1	0	20.43	20.48	20.57	22.00
		1	37	20.61	20.73	20.70	22.00
		1	74	20.53	20.69	20.43	22.00
		36	0	20.62	20.87	20.85	22.00
		36	20	20.62	20.70	20.92	22.00
		36	39	20.83	20.74	20.55	22.00
		75	0	20.65	20.78	20.65	22.00
	16QAM	1	0	20.40	20.56	20.77	22.00
		1	37	20.53	20.58	20.53	22.00
		1	74	20.35	20.63	20.43	22.00
		36	0	20.59	20.75	20.85	22.00
		36	20	20.69	20.74	20.79	22.00
		36	39	20.89	20.87	20.54	22.00
		75	0	20.82	20.48	20.59	22.00
	64QAM	1	0	20.48	20.58	20.62	22.00
		1	37	20.42	20.71	20.58	22.00
		1	74	20.46	20.81	20.72	22.00
		36	0	20.46	20.46	20.34	21.50
		36	20	20.52	20.53	20.12	21.50
		36	39	20.49	20.53	20.07	21.50
		75	0	20.18	20.46	20.12	21.50

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Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18700/1860	18900/1880	19100/1900	
20MHz	QPSK	1	0	20.53	20.62	20.63	22.00
		1	49	20.57	20.74	20.64	22.00
		1	99	20.45	20.60	20.52	22.00
		50	0	20.59	20.81	20.71	22.00
		50	24	20.66	20.73	20.77	22.00
		50	50	20.81	20.63	20.63	22.00
		100	0	20.66	20.65	20.64	22.00
	16QAM	1	0	20.53	20.58	20.66	22.00
		1	49	20.56	20.68	20.56	22.00
		1	99	20.35	20.53	20.50	22.00
		50	0	20.54	20.74	20.75	22.00
		50	24	20.67	20.88	20.85	22.00
		50	50	20.90	20.73	20.51	22.00
		100	0	20.67	20.63	20.56	22.00
	64QAM	1	0	20.46	20.65	20.58	22.00
		1	49	20.45	20.64	20.59	22.00
		1	99	20.40	20.66	20.59	22.00
		50	0	20.32	20.49	20.26	21.50
		50	24	20.39	20.44	20.10	21.50
		50	50	20.41	20.41	20.19	21.50
		100	0	20.05	20.50	19.99	21.50

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LTE FDD Band 4 LTE B4-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	23.48	23.55	23.18	24.50
		1	3	23.52	23.41	23.00	24.50
		1	5	23.51	23.35	23.03	24.50
		3	0	23.41	23.40	23.47	24.50
		3	1	23.43	23.28	23.52	24.50
		3	3	23.30	23.45	23.21	24.50
		6	0	22.59	22.27	22.35	23.50
	16QAM	1	0	23.10	22.88	22.72	23.50
		1	3	23.33	22.75	22.67	23.50
		1	5	22.85	22.57	22.47	23.50
		3	0	22.95	22.81	22.88	23.50
		3	1	22.85	22.72	22.61	23.50
		3	3	22.55	22.50	22.67	23.50
		6	0	21.77	21.33	21.22	22.50
	64QAM	1	0	21.94	21.85	21.46	22.50
		1	3	21.94	21.67	21.74	22.50
		1	5	22.00	21.74	21.49	22.50
		3	0	21.36	21.25	21.14	22.50
		3	1	21.41	21.53	21.53	22.50
		3	3	21.62	21.74	21.81	22.50
		6	0	20.70	20.37	20.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	23.48	23.51	23.26	24.50
		1	8	23.43	23.19	23.00	24.50
		1	14	23.46	23.08	23.01	24.50
		8	0	22.52	22.50	22.46	23.50
		8	4	22.73	22.49	22.22	23.50
		8	7	22.84	22.31	22.40	23.50
		15	0	22.60	22.53	22.39	23.50
	16QAM	1	0	23.16	22.85	22.59	23.50
		1	8	23.21	22.77	22.47	23.50
		1	14	22.87	22.65	22.59	23.50
		8	0	21.70	21.40	21.19	22.50
		8	4	21.70	21.31	21.32	22.50
		8	7	21.70	21.11	21.35	22.50
		15	0	21.78	21.33	21.13	22.50
	64QAM	1	0	21.72	21.77	21.58	22.50

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		1	8	21.95	21.67	21.78	22.50
		1	14	21.89	21.78	21.48	22.50
		8	0	20.39	20.64	20.13	21.50
		8	4	20.61	20.11	20.39	21.50
		8	7	20.83	20.28	20.55	21.50
		15	0	20.58	20.35	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	23.45	23.39	23.03	24.50
		1	12	23.59	23.24	23.23	24.50
		1	24	23.30	23.24	23.20	24.50
		12	0	22.59	22.43	22.40	23.50
		12	7	22.70	22.24	22.37	23.50
		12	13	22.69	22.12	22.19	23.50
		25	0	22.71	22.40	22.21	23.50
	16QAM	1	0	23.07	22.95	22.50	23.50
		1	12	23.20	22.78	22.45	23.50
		1	24	23.14	22.58	22.66	23.50
		12	0	21.64	21.56	21.43	22.50
		12	7	21.58	21.46	21.24	22.50
		12	13	21.69	21.14	21.36	22.50
		25	0	21.75	21.41	21.16	22.50
	64QAM	1	0	21.81	22.01	21.61	22.50
		1	12	22.11	21.90	21.79	22.50
		1	24	22.02	21.70	21.52	22.50
		12	0	20.37	20.44	20.24	21.50
		12	7	20.86	20.17	20.40	21.50
		12	13	20.75	20.36	20.55	21.50
		25	0	20.53	20.23	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20000/1715	20175/1732.5	20350/1750	
10MHz	QPSK	1	0	23.27	23.50	23.25	24.50
		1	25	**23.48**	23.22	**23.10**	24.50
		1	49	23.22	23.27	23.13	24.50
		25	0	22.49	22.42	22.38	23.50
		25	12	22.57	22.44	22.36	23.50
		25	25	22.69	22.24	22.33	23.50
		50	0	22.47	22.23	22.19	23.50
	16QAM	1	0	23.09	22.93	22.48	23.50
		1	25	23.27	22.70	22.71	23.50
		1	49	22.86	22.69	22.71	23.50
		25	0	21.63	21.40	21.26	22.50
		25	12	21.68	21.27	21.14	22.50

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		25	25	21.79	21.10	21.25	22.50
		50	0	21.55	21.49	21.29	22.50
	64QAM	1	0	21.78	21.84	21.40	22.50
		1	25	21.86	21.72	21.85	22.50
		1	49	21.91	21.73	21.45	22.50
		25	0	20.54	20.52	20.13	21.50
		25	12	20.59	20.22	20.32	21.50
		25	25	20.66	20.34	20.58	21.50
		50	0	20.73	20.31	20.19	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	23.50	23.50	23.21	24.50
		1	37	23.45	23.44	23.29	24.50
		1	74	23.39	23.24	23.06	24.50
		36	0	22.73	22.55	22.37	23.50
		36	20	22.79	22.31	22.17	23.50
		36	39	22.58	22.34	22.18	23.50
		75	0	22.48	22.41	22.28	23.50
	16QAM	1	0	23.11	22.72	22.66	23.50
		1	37	23.33	22.83	22.53	23.50
		1	74	23.05	22.69	22.47	23.50
		36	0	21.56	21.55	21.38	22.50
		36	20	21.65	21.33	21.20	22.50
		36	39	21.63	21.17	21.34	22.50
		75	0	21.50	21.37	21.39	22.50
	64QAM	1	0	21.86	21.92	21.61	22.50
		1	37	21.86	21.63	21.67	22.50
		1	74	22.07	21.67	21.58	22.50
		36	0	20.40	20.64	20.20	21.50
		36	20	20.87	20.34	20.41	21.50
		36	39	20.61	20.07	20.34	21.50
		75	0	20.73	20.39	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20050/1720	20175/1732.5	20300/1745	
20MHz	QPSK	1	0	23.40	23.43	23.15	24.50
		1	49	23.56	23.34	23.14	24.50
		1	99	23.37	23.20	23.11	24.50
		50	0	22.60	22.46	22.33	23.50
		50	24	22.66	22.38	22.26	23.50
		50	50	22.72	22.20	22.32	23.50
		100	0	22.61	22.38	22.25	23.50
	16QAM	1	0	23.04	22.80	22.60	23.50
		1	49	23.22	22.71	22.59	23.50

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		1	99	23.00	22.64	22.61	23.50
		50	0	21.63	21.45	21.30	22.50
		50	24	21.68	21.38	21.21	22.50
		50	50	21.72	21.22	21.29	22.50
		100	0	21.63	21.38	21.25	22.50
	64QAM	1	0	21.80	21.89	21.51	22.50
		1	49	21.96	21.77	21.74	22.50
		1	99	22.01	21.65	21.50	22.50
		50	0	20.50	20.53	20.21	21.50
		50	24	20.74	20.24	20.33	21.50
		50	50	20.73	20.21	20.47	21.50
		100	0	20.62	20.38	20.32	21.50

LTE FDD Band 4 LTE B4-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	23.48	23.55	23.18	24.50
		1	3	23.52	23.41	23.00	24.50
		1	5	23.51	23.35	23.03	24.50
		3	0	23.41	23.40	23.47	24.50
		3	1	23.43	23.28	23.52	24.50
		3	3	23.30	23.45	23.21	24.50
		6	0	22.59	22.27	22.35	23.50
	16QAM	1	0	23.10	22.88	22.72	23.50
		1	3	23.33	22.75	22.67	23.50
		1	5	22.85	22.57	22.47	23.50
		3	0	22.95	22.81	22.88	23.50
		3	1	22.85	22.72	22.61	23.50
		3	3	22.55	22.50	22.67	23.50
		6	0	21.77	21.33	21.22	22.50
	64QAM	1	0	21.94	21.85	21.46	22.50
		1	3	21.94	21.67	21.74	22.50
		1	5	22.00	21.74	21.49	22.50
		3	0	21.36	21.25	21.14	22.50
		3	1	21.41	21.53	21.53	22.50
		3	3	21.62	21.74	21.81	22.50
		6	0	20.70	20.37	20.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	23.48	23.51	23.26	24.50
		1	8	23.43	23.19	23.00	24.50
		1	14	23.46	23.08	23.01	24.50

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		8	0	22.52	22.50	22.46	23.50
		8	4	22.73	22.49	22.22	23.50
		8	7	22.84	22.31	22.40	23.50
		15	0	22.60	22.53	22.39	23.50
	16QAM	1	0	23.16	22.85	22.59	23.50
		1	8	23.21	22.77	22.47	23.50
		1	14	22.87	22.65	22.59	23.50
		8	0	21.70	21.40	21.19	22.50
		8	4	21.70	21.31	21.32	22.50
		8	7	21.70	21.11	21.35	22.50
		15	0	21.78	21.33	21.13	22.50
	64QAM	1	0	21.72	21.77	21.58	22.50
		1	8	21.95	21.67	21.78	22.50
		1	14	21.89	21.78	21.48	22.50
		8	0	20.39	20.64	20.13	21.50
		8	4	20.61	20.11	20.39	21.50
		8	7	20.83	20.28	20.55	21.50
		15	0	20.58	20.35	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	23.45	23.39	23.03	24.50
		1	12	23.59	23.24	23.23	24.50
		1	24	23.30	23.24	23.20	24.50
		12	0	22.59	22.43	22.40	23.50
		12	7	22.70	22.24	22.37	23.50
		12	13	22.69	22.12	22.19	23.50
		25	0	22.71	22.40	22.21	23.50
	16QAM	1	0	23.07	22.95	22.50	23.50
		1	12	23.20	22.78	22.45	23.50
		1	24	23.14	22.58	22.66	23.50
		12	0	21.64	21.56	21.43	22.50
		12	7	21.58	21.46	21.24	22.50
		12	13	21.69	21.14	21.36	22.50
		25	0	21.75	21.41	21.16	22.50
	64QAM	1	0	21.81	22.01	21.61	22.50
		1	12	22.11	21.90	21.79	22.50
		1	24	22.02	21.70	21.52	22.50
		12	0	20.37	20.44	20.24	21.50
		12	7	20.86	20.17	20.40	21.50
		12	13	20.75	20.36	20.55	21.50
		25	0	20.53	20.23	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20000/1715	20175/1732.5	20350/1750	

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10MHz	QPSK	1	0	23.27	23.50	23.25	24.50
		1	25	**23.48**	23.22	**23.10**	24.50
		1	49	23.22	23.27	23.13	24.50
		25	0	22.49	22.42	22.38	23.50
		25	12	22.57	22.44	22.36	23.50
		25	25	22.69	22.24	22.33	23.50
		50	0	22.47	22.23	22.19	23.50
	16QAM	1	0	23.09	22.93	22.48	23.50
		1	25	23.27	22.70	22.71	23.50
		1	49	22.86	22.69	22.71	23.50
		25	0	21.63	21.40	21.26	22.50
		25	12	21.68	21.27	21.14	22.50
		25	25	21.79	21.10	21.25	22.50
		50	0	21.55	21.49	21.29	22.50
	64QAM	1	0	21.78	21.84	21.40	22.50
		1	25	21.86	21.72	21.85	22.50
		1	49	21.91	21.73	21.45	22.50
		25	0	20.54	20.52	20.13	21.50
		25	12	20.59	20.22	20.32	21.50
		25	25	20.66	20.34	20.58	21.50
		50	0	20.73	20.31	20.19	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	23.50	23.50	23.21	24.50
		1	37	23.45	23.44	23.29	24.50
		1	74	23.39	23.24	23.06	24.50
		36	0	22.73	22.55	22.37	23.50
		36	20	22.79	22.31	22.17	23.50
		36	39	22.58	22.34	22.18	23.50
		75	0	22.48	22.41	22.28	23.50
	16QAM	1	0	23.11	22.72	22.66	23.50
		1	37	23.33	22.83	22.53	23.50
		1	74	23.05	22.69	22.47	23.50
		36	0	21.56	21.55	21.38	22.50
		36	20	21.65	21.33	21.20	22.50
		36	39	21.63	21.17	21.34	22.50
		75	0	21.50	21.37	21.39	22.50
	64QAM	1	0	21.86	21.92	21.61	22.50
		1	37	21.86	21.63	21.67	22.50
		1	74	22.07	21.67	21.58	22.50
		36	0	20.40	20.64	20.20	21.50
		36	20	20.87	20.34	20.41	21.50
		36	39	20.61	20.07	20.34	21.50

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		75	0	20.73	20.39	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20050/1720	20175/1732.5	20300/1745	
20MHz	QPSK	1	0	23.40	23.43	23.15	24.50
		1	49	23.56	23.34	23.14	24.50
		1	99	23.37	23.20	23.11	24.50
		50	0	22.60	22.46	22.33	23.50
		50	24	22.66	22.38	22.26	23.50
		50	50	22.72	22.20	22.32	23.50
		100	0	22.61	22.38	22.25	23.50
	16QAM	1	0	23.04	22.80	22.60	23.50
		1	49	23.22	22.71	22.59	23.50
		1	99	23.00	22.64	22.61	23.50
		50	0	21.63	21.45	21.30	22.50
		50	24	21.68	21.38	21.21	22.50
		50	50	21.72	21.22	21.29	22.50
		100	0	21.63	21.38	21.25	22.50
	64QAM	1	0	21.80	21.89	21.51	22.50
		1	49	21.96	21.77	21.74	22.50
		1	99	22.01	21.65	21.50	22.50
		50	0	20.50	20.53	20.21	21.50
		50	24	20.74	20.24	20.33	21.50
		50	50	20.73	20.21	20.47	21.50
		100	0	20.62	20.38	20.32	21.50

LTE FDD Band 4 LTE B4-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	23.48	23.55	23.18	24.50
		1	3	23.52	23.41	23.00	24.50
		1	5	23.51	23.35	23.03	24.50
		3	0	23.41	23.40	23.47	24.50
		3	1	23.43	23.28	23.52	24.50
		3	3	23.30	23.45	23.21	24.50
		6	0	22.59	22.27	22.35	23.50
	16QAM	1	0	23.10	22.88	22.72	23.50
		1	3	23.33	22.75	22.67	23.50
		1	5	22.85	22.57	22.47	23.50
		3	0	22.95	22.81	22.88	23.50
		3	1	22.85	22.72	22.61	23.50
		3	3	22.55	22.50	22.67	23.50
		6	0	21.77	21.33	21.22	22.50

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	64QAM	1	0	21.94	21.85	21.46	22.50
		1	3	21.94	21.67	21.74	22.50
		1	5	22.00	21.74	21.49	22.50
		3	0	21.36	21.25	21.14	22.50
		3	1	21.41	21.53	21.53	22.50
		3	3	21.62	21.74	21.81	22.50
		6	0	20.70	20.37	20.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	23.48	23.51	23.26	24.50
		1	8	23.43	23.19	23.00	24.50
		1	14	23.46	23.08	23.01	24.50
		8	0	22.52	22.50	22.46	23.50
		8	4	22.73	22.49	22.22	23.50
		8	7	22.84	22.31	22.40	23.50
		15	0	22.60	22.53	22.39	23.50
	16QAM	1	0	23.16	22.85	22.59	23.50
		1	8	23.21	22.77	22.47	23.50
		1	14	22.87	22.65	22.59	23.50
		8	0	21.70	21.40	21.19	22.50
		8	4	21.70	21.31	21.32	22.50
		8	7	21.70	21.11	21.35	22.50
		15	0	21.78	21.33	21.13	22.50
	64QAM	1	0	21.72	21.77	21.58	22.50
		1	8	21.95	21.67	21.78	22.50
		1	14	21.89	21.78	21.48	22.50
		8	0	20.39	20.64	20.13	21.50
		8	4	20.61	20.11	20.39	21.50
		8	7	20.83	20.28	20.55	21.50
		15	0	20.58	20.35	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	23.45	23.39	23.03	24.50
		1	12	23.59	23.24	23.23	24.50
		1	24	23.30	23.24	23.20	24.50
		12	0	22.59	22.43	22.40	23.50
		12	7	22.70	22.24	22.37	23.50
		12	13	22.69	22.12	22.19	23.50
		25	0	22.71	22.40	22.21	23.50
	16QAM	1	0	23.07	22.95	22.50	23.50
		1	12	23.20	22.78	22.45	23.50
		1	24	23.14	22.58	22.66	23.50
		12	0	21.64	21.56	21.43	22.50

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		12	7	21.58	21.46	21.24	22.50
		12	13	21.69	21.14	21.36	22.50
		25	0	21.75	21.41	21.16	22.50
	64QAM	1	0	21.81	22.01	21.61	22.50
		1	12	22.11	21.90	21.79	22.50
		1	24	22.02	21.70	21.52	22.50
		12	0	20.37	20.44	20.24	21.50
		12	7	20.86	20.17	20.40	21.50
		12	13	20.75	20.36	20.55	21.50
		25	0	20.53	20.23	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20000/1715	20175/1732.5	20350/1750	
10MHz	QPSK	1	0	23.27	23.50	23.25	24.50
		1	25	**23.48**	23.22	**23.10**	24.50
		1	49	23.22	23.27	23.13	24.50
		25	0	22.49	22.42	22.38	23.50
		25	12	22.57	22.44	22.36	23.50
		25	25	22.69	22.24	22.33	23.50
		50	0	22.47	22.23	22.19	23.50
	16QAM	1	0	23.09	22.93	22.48	23.50
		1	25	23.27	22.70	22.71	23.50
		1	49	22.86	22.69	22.71	23.50
		25	0	21.63	21.40	21.26	22.50
		25	12	21.68	21.27	21.14	22.50
		25	25	21.79	21.10	21.25	22.50
		50	0	21.55	21.49	21.29	22.50
	64QAM	1	0	21.78	21.84	21.40	22.50
		1	25	21.86	21.72	21.85	22.50
		1	49	21.91	21.73	21.45	22.50
		25	0	20.54	20.52	20.13	21.50
		25	12	20.59	20.22	20.32	21.50
		25	25	20.66	20.34	20.58	21.50
		50	0	20.73	20.31	20.19	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	23.50	23.50	23.21	24.50
		1	37	23.45	23.44	23.29	24.50
		1	74	23.39	23.24	23.06	24.50
		36	0	22.73	22.55	22.37	23.50
		36	20	22.79	22.31	22.17	23.50
		36	39	22.58	22.34	22.18	23.50
		75	0	22.48	22.41	22.28	23.50
	16QAM	1	0	23.11	22.72	22.66	23.50

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		1	37	23.33	22.83	22.53	23.50
		1	74	23.05	22.69	22.47	23.50
		36	0	21.56	21.55	21.38	22.50
		36	20	21.65	21.33	21.20	22.50
		36	39	21.63	21.17	21.34	22.50
		75	0	21.50	21.37	21.39	22.50
	64QAM	1	0	21.86	21.92	21.61	22.50
		1	37	21.86	21.63	21.67	22.50
		1	74	22.07	21.67	21.58	22.50
		36	0	20.40	20.64	20.20	21.50
		36	20	20.87	20.34	20.41	21.50
		36	39	20.61	20.07	20.34	21.50
		75	0	20.73	20.39	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20050/1720	20175/1732.5	20300/1745	
20MHz	QPSK	1	0	23.40	23.43	23.15	24.50
		1	49	23.56	23.34	23.14	24.50
		1	99	23.37	23.20	23.11	24.50
		50	0	22.60	22.46	22.33	23.50
		50	24	22.66	22.38	22.26	23.50
		50	50	22.72	22.20	22.32	23.50
		100	0	22.61	22.38	22.25	23.50
	16QAM	1	0	23.04	22.80	22.60	23.50
		1	49	23.22	22.71	22.59	23.50
		1	99	23.00	22.64	22.61	23.50
		50	0	21.63	21.45	21.30	22.50
		50	24	21.68	21.38	21.21	22.50
		50	50	21.72	21.22	21.29	22.50
		100	0	21.63	21.38	21.25	22.50
	64QAM	1	0	21.80	21.89	21.51	22.50
		1	49	21.96	21.77	21.74	22.50
		1	99	22.01	21.65	21.50	22.50
		50	0	20.50	20.53	20.21	21.50
		50	24	20.74	20.24	20.33	21.50
		50	50	20.73	20.21	20.47	21.50
		100	0	20.62	20.38	20.32	21.50

LTE FDD Band 4 LTE B4-Level 4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	21.73	22.08	21.84	23.00
		1	3	21.96	22.00	21.98	23.00

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		1	5	21.98	21.73	21.44	23.00
		3	0	21.87	22.04	21.93	23.00
		3	1	22.17	22.08	21.90	23.00
		3	3	22.28	21.77	21.76	23.00
		6	0	22.12	21.87	21.93	23.00
	16QAM	1	0	21.83	21.83	21.97	23.00
		1	3	21.85	21.75	21.90	23.00
		1	5	21.83	21.75	21.80	23.00
		3	0	21.55	21.41	21.39	23.00
		3	1	21.65	21.32	21.25	23.00
		3	3	21.87	21.19	21.52	23.00
		6	0	21.68	21.56	21.24	22.50
	64QAM	1	0	21.84	21.97	21.68	22.50
		1	3	22.10	22.01	21.76	22.50
		1	5	21.99	21.48	21.53	22.50
		3	0	21.94	22.07	21.62	22.50
		3	1	22.08	22.10	21.82	22.50
		3	3	22.13	21.40	21.68	22.50
		6	0	20.44	20.34	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				19965/1711.5	20175/1732.5	20385/1753.5	Limit
3MHz	QPSK	1	0	21.86	22.03	21.85	23.00
		1	8	22.11	21.89	21.82	23.00
		1	14	21.81	21.65	21.49	23.00
		8	0	21.80	22.06	22.01	23.00
		8	4	21.99	22.02	21.78	23.00
		8	7	22.08	21.68	21.71	23.00
		15	0	21.90	21.85	21.69	23.00
	16QAM	1	0	21.64	22.00	21.84	23.00
		1	8	21.80	21.72	21.98	23.00
		1	14	21.81	21.75	21.83	23.00
		8	0	21.65	21.42	21.15	22.50
		8	4	21.58	21.24	21.25	22.50
		8	7	21.81	21.28	21.43	22.50
		15	0	21.75	21.59	21.14	22.50
	64QAM	1	0	21.60	22.03	21.74	22.50
		1	8	21.97	21.98	21.81	22.50
		1	14	22.03	21.38	21.52	22.50
		8	0	20.43	20.56	20.49	21.50
		8	4	20.70	20.29	20.37	21.50
		8	7	20.91	19.97	20.41	21.50
		15	0	20.35	20.63	20.24	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				19975/1712.5	20175/1732.5	20375/1752.5	Limit
5MHz	QPSK	1	0	21.83	22.13	22.02	23.00
		1	12	21.99	22.02	21.85	23.00
		1	24	21.93	21.60	21.57	23.00
		12	0	21.88	21.94	21.92	23.00
		12	7	22.05	22.09	21.75	23.00
		12	13	22.04	21.80	21.87	23.00
		25	0	21.93	22.05	21.82	23.00
	16QAM	1	0	21.64	21.84	21.78	23.00
		1	12	21.96	21.88	22.08	23.00
		1	24	21.82	21.70	21.67	23.00
		12	0	21.73	21.62	21.35	22.50
		12	7	21.46	21.15	21.21	22.50
		12	13	21.70	21.21	21.33	22.50
		25	0	21.83	21.36	21.35	22.50
	64QAM	1	0	21.80	21.99	21.48	22.50
		1	12	21.94	22.03	21.79	22.50
		1	24	21.99	21.44	21.67	22.50
		12	0	20.43	20.56	20.46	21.50
		12	7	20.73	20.30	20.40	21.50
		12	13	20.79	20.00	20.49	21.50
		25	0	20.59	20.39	20.14	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20000/1715	20175/1732.5	20350/1750	
10MHz	QPSK	1	0	21.76	21.93	21.91	23.00
		1	25	22.04	21.90	21.90	23.00
		1	49	21.96	21.79	21.48	23.00
		25	0	22.03	21.86	22.11	23.00
		25	12	21.93	21.97	21.82	23.00
		25	25	22.15	21.64	21.64	23.00
		50	0	21.90	21.82	21.80	23.00
	16QAM	1	0	21.74	21.81	21.81	23.00
		1	25	22.05	21.81	21.97	23.00
		1	49	21.87	21.77	21.63	23.00
		25	0	21.66	21.51	21.18	22.50
		25	12	21.62	21.15	21.09	22.50
		25	25	21.62	21.26	21.49	22.50
		50	0	21.60	21.49	21.19	22.50
	64QAM	1	0	21.83	22.01	21.50	22.50
		1	25	21.91	21.76	21.61	22.50
		1	49	22.01	21.41	21.55	22.50
		25	0	20.65	20.66	20.36	21.50
		25	12	20.71	20.34	20.38	21.50

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		25	25	20.85	20.24	20.38	21.50
		50	0	20.40	20.57	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	21.69	21.96	22.00	23.00
		1	37	22.00	21.99	21.87	23.00
		1	74	21.93	21.83	21.51	23.00
		36	0	22.00	21.84	21.84	23.00
		36	20	22.01	22.10	21.90	23.00
		36	39	22.05	21.79	21.75	23.00
		75	0	21.91	21.77	21.89	23.00
	16QAM	1	0	21.81	21.88	21.79	23.00
		1	37	21.78	21.69	21.99	23.00
		1	74	21.82	21.77	21.75	23.00
		36	0	21.68	21.43	21.17	22.50
		36	20	21.68	21.14	21.22	22.50
		36	39	21.70	21.23	21.47	22.50
		75	0	21.65	21.57	21.28	22.50
	64QAM	1	0	21.63	22.06	21.72	22.50
		1	37	21.96	21.96	21.75	22.50
		1	74	22.06	21.63	21.55	22.50
		36	0	20.57	20.52	20.22	21.50
		36	20	20.50	20.25	20.27	21.50
		36	39	20.97	20.13	20.26	21.50
		75	0	20.61	20.42	20.08	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20050/1720	20175/1732.5	20300/1745	
20MHz	QPSK	1	0	21.78	22.00	21.94	23.00
		1	49	21.99	21.94	21.89	23.00
		1	99	21.87	21.72	21.58	23.00
		50	0	21.91	21.99	21.97	23.00
		50	24	22.06	21.98	21.87	23.00
		50	50	22.14	21.71	21.79	23.00
		100	0	21.99	21.92	21.79	23.00
	16QAM	1	0	21.76	21.87	21.88	23.00
		1	49	21.90	21.79	22.00	23.00
		1	99	21.95	21.77	21.72	23.00
		50	0	21.62	21.48	21.24	22.50
		50	24	21.59	21.27	21.22	22.50
		50	50	21.74	21.32	21.44	22.50
		100	0	21.73	21.45	21.21	22.50
	64QAM	1	0	21.73	21.97	21.60	22.50
		1	49	21.98	21.91	21.72	22.50

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		1	99	22.03	21.53	21.62	22.50
		50	0	20.57	20.61	20.36	21.50
		50	24	20.65	20.26	20.33	21.50
		50	50	20.88	20.12	20.41	21.50
		100	0	20.47	20.48	20.22	21.50

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LTE FDD Band 5 LTE B5-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.85	23.69	23.66	25.00
		1	3	23.79	23.61	23.63	25.00
		1	5	23.72	23.65	23.53	25.00
		3	0	23.82	23.96	23.89	25.00
		3	1	23.84	23.87	23.68	25.00
		3	3	23.69	23.62	23.87	25.00
		6	0	22.80	22.62	22.74	24.00
	16QAM	1	0	22.74	22.95	22.58	24.00
		1	3	22.57	23.16	22.77	24.00
		1	5	22.76	23.11	22.74	24.00
		3	0	22.68	22.68	22.86	24.00
		3	1	22.67	22.45	22.60	24.00
		3	3	22.77	22.83	22.74	24.00
		6	0	21.70	21.71	21.63	23.00
	64QAM	1	0	21.98	22.33	22.04	23.00
		1	3	22.06	22.24	22.13	23.00
		1	5	22.19	21.83	22.16	23.00
		3	0	21.83	21.91	22.02	23.00
		3	1	22.09	22.20	22.12	23.00
		3	3	22.06	22.23	22.24	23.00
		6	0	20.50	20.66	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.82	23.76	23.50	25.00
		1	8	23.55	23.75	23.59	25.00
		1	14	23.70	23.76	23.59	25.00
		8	0	22.62	22.86	22.71	24.00
		8	4	22.80	22.70	22.70	24.00
		8	7	22.63	22.80	22.48	24.00
		15	0	22.72	22.76	22.53	24.00
	16QAM	1	0	22.61	23.03	22.75	24.00
		1	8	22.58	23.05	22.65	24.00
		1	14	22.73	22.92	22.77	24.00
		8	0	21.62	21.79	21.90	23.00
		8	4	21.61	21.85	21.57	23.00
		8	7	21.67	21.74	21.54	23.00
		15	0	21.69	21.66	21.72	23.00
	64QAM	1	0	22.20	22.12	22.13	23.00

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		1	8	22.30	22.34	22.06	23.00
		1	14	22.01	21.95	22.03	23.00
		8	0	20.67	20.71	20.83	22.00
		8	4	20.71	20.41	20.71	22.00
		8	7	21.00	20.58	20.33	22.00
		15	0	20.76	20.79	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.72	23.53	23.60	25.00
		1	12	23.74	23.67	23.59	25.00
		1	24	23.79	23.75	23.75	25.00
		12	0	22.64	22.73	22.71	24.00
		12	7	22.59	22.81	22.60	24.00
		12	13	22.91	22.67	22.56	24.00
		25	0	22.84	22.64	22.82	24.00
	16QAM	1	0	22.49	22.96	22.66	24.00
		1	12	22.53	22.99	22.55	24.00
		1	24	22.58	23.03	22.59	24.00
		12	0	21.75	21.61	21.88	23.00
		12	7	21.58	21.85	21.69	23.00
		12	13	21.77	21.68	21.71	23.00
		25	0	21.74	21.58	21.54	23.00
	64QAM	1	0	22.12	22.12	22.11	23.00
		1	12	22.06	22.18	22.17	23.00
		1	24	22.17	21.99	22.12	23.00
		12	0	20.85	20.65	20.85	22.00
		12	7	20.72	20.67	20.62	22.00
		12	13	21.05	20.73	20.46	22.00
		25	0	20.62	20.88	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.70	23.62	23.59	25.00
		1	25	**23.67**	23.66	**23.62**	25.00
		1	49	23.74	23.63	23.64	25.00
		25	0	22.71	22.72	22.73	24.00
		25	12	22.70	22.67	22.65	24.00
		25	25	22.78	22.65	22.54	24.00
		50	0	22.72	22.73	22.68	24.00
	16QAM	1	0	22.59	22.98	22.60	24.00
		1	25	22.58	23.03	22.62	24.00
		1	49	22.62	23.01	22.62	24.00
		25	0	21.75	21.75	21.79	23.00
		25	12	21.73	21.72	21.71	23.00

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		25	25	21.74	21.71	21.62	23.00
		50	0	21.71	21.70	21.68	23.00
	64QAM	1	0	22.06	22.18	22.05	23.00
		1	25	22.21	22.31	22.18	23.00
		1	49	22.15	21.98	22.13	23.00
		25	0	20.80	20.78	20.78	22.00
		25	12	20.67	20.52	20.76	22.00
		25	25	20.93	20.65	20.46	22.00
		50	0	20.61	20.75	20.74	22.00

LTE FDD Band 5 LTE B5-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.85	23.69	23.66	25.00
		1	3	23.79	23.61	23.63	25.00
		1	5	23.72	23.65	23.53	25.00
		3	0	23.82	23.96	23.89	25.00
		3	1	23.84	23.87	23.68	25.00
		3	3	23.69	23.62	23.87	25.00
		6	0	22.80	22.62	22.74	24.00
	16QAM	1	0	22.74	22.95	22.58	24.00
		1	3	22.57	23.16	22.77	24.00
		1	5	22.76	23.11	22.74	24.00
		3	0	22.68	22.68	22.86	24.00
		3	1	22.67	22.45	22.60	24.00
		3	3	22.77	22.83	22.74	24.00
		6	0	21.70	21.71	21.63	23.00
	64QAM	1	0	21.98	22.33	22.04	23.00
		1	3	22.06	22.24	22.13	23.00
		1	5	22.19	21.83	22.16	23.00
		3	0	21.83	21.91	22.02	23.00
		3	1	22.09	22.20	22.12	23.00
		3	3	22.06	22.23	22.24	23.00
		6	0	20.50	20.66	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.82	23.76	23.50	25.00
		1	8	23.55	23.75	23.59	25.00
		1	14	23.70	23.76	23.59	25.00
		8	0	22.62	22.86	22.71	24.00
		8	4	22.80	22.70	22.70	24.00
		8	7	22.63	22.80	22.48	24.00

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		15	0	22.72	22.76	22.53	24.00
	16QAM	1	0	22.61	23.03	22.75	24.00
		1	8	22.58	23.05	22.65	24.00
		1	14	22.73	22.92	22.77	24.00
		8	0	21.62	21.79	21.90	23.00
		8	4	21.61	21.85	21.57	23.00
		8	7	21.67	21.74	21.54	23.00
		15	0	21.69	21.66	21.72	23.00
	64QAM	1	0	22.20	22.12	22.13	23.00
		1	8	22.30	22.34	22.06	23.00
		1	14	22.01	21.95	22.03	23.00
		8	0	20.67	20.71	20.83	22.00
		8	4	20.71	20.41	20.71	22.00
		8	7	21.00	20.58	20.33	22.00
		15	0	20.76	20.79	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.72	23.53	23.60	25.00
		1	12	23.74	23.67	23.59	25.00
		1	24	23.79	23.75	23.75	25.00
		12	0	22.64	22.73	22.71	24.00
		12	7	22.59	22.81	22.60	24.00
		12	13	22.91	22.67	22.56	24.00
		25	0	22.84	22.64	22.82	24.00
	16QAM	1	0	22.49	22.96	22.66	24.00
		1	12	22.53	22.99	22.55	24.00
		1	24	22.58	23.03	22.59	24.00
		12	0	21.75	21.61	21.88	23.00
		12	7	21.58	21.85	21.69	23.00
		12	13	21.77	21.68	21.71	23.00
		25	0	21.74	21.58	21.54	23.00
	64QAM	1	0	22.12	22.12	22.11	23.00
		1	12	22.06	22.18	22.17	23.00
		1	24	22.17	21.99	22.12	23.00
		12	0	20.85	20.65	20.85	22.00
		12	7	20.72	20.67	20.62	22.00
		12	13	21.05	20.73	20.46	22.00
		25	0	20.62	20.88	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.70	23.62	23.59	25.00
		1	25	**23.67**	23.66	**23.62**	25.00
		1	49	23.74	23.63	23.64	25.00

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		25	0	22.71	22.72	22.73	24.00
		25	12	22.70	22.67	22.65	24.00
		25	25	22.78	22.65	22.54	24.00
		50	0	22.72	22.73	22.68	24.00
	16QAM	1	0	22.59	22.98	22.60	24.00
		1	25	22.58	23.03	22.62	24.00
		1	49	22.62	23.01	22.62	24.00
		25	0	21.75	21.75	21.79	23.00
		25	12	21.73	21.72	21.71	23.00
		25	25	21.74	21.71	21.62	23.00
		50	0	21.71	21.70	21.68	23.00
	64QAM	1	0	22.06	22.18	22.05	23.00
		1	25	22.21	22.31	22.18	23.00
		1	49	22.15	21.98	22.13	23.00
		25	0	20.80	20.78	20.78	22.00
		25	12	20.67	20.52	20.76	22.00
		25	25	20.93	20.65	20.46	22.00
		50	0	20.61	20.75	20.74	22.00

LTE FDD Band 5 LTE B5-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.85	23.69	23.66	25.00
		1	3	23.79	23.61	23.63	25.00
		1	5	23.72	23.65	23.53	25.00
		3	0	23.82	23.96	23.89	25.00
		3	1	23.84	23.87	23.68	25.00
		3	3	23.69	23.62	23.87	25.00
		6	0	22.80	22.62	22.74	24.00
	16QAM	1	0	22.74	22.95	22.58	24.00
		1	3	22.57	23.16	22.77	24.00
		1	5	22.76	23.11	22.74	24.00
		3	0	22.68	22.68	22.86	24.00
		3	1	22.67	22.45	22.60	24.00
		3	3	22.77	22.83	22.74	24.00
		6	0	21.70	21.71	21.63	23.00
	64QAM	1	0	21.98	22.33	22.04	23.00
		1	3	22.06	22.24	22.13	23.00
		1	5	22.19	21.83	22.16	23.00
		3	0	21.83	21.91	22.02	23.00
		3	1	22.09	22.20	22.12	23.00
		3	3	22.06	22.23	22.24	23.00

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		6	0	20.50	20.66	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.82	23.76	23.50	25.00
		1	8	23.55	23.75	23.59	25.00
		1	14	23.70	23.76	23.59	25.00
		8	0	22.62	22.86	22.71	24.00
		8	4	22.80	22.70	22.70	24.00
		8	7	22.63	22.80	22.48	24.00
		15	0	22.72	22.76	22.53	24.00
	16QAM	1	0	22.61	23.03	22.75	24.00
		1	8	22.58	23.05	22.65	24.00
		1	14	22.73	22.92	22.77	24.00
		8	0	21.62	21.79	21.90	23.00
		8	4	21.61	21.85	21.57	23.00
		8	7	21.67	21.74	21.54	23.00
		15	0	21.69	21.66	21.72	23.00
	64QAM	1	0	22.20	22.12	22.13	23.00
		1	8	22.30	22.34	22.06	23.00
		1	14	22.01	21.95	22.03	23.00
		8	0	20.67	20.71	20.83	22.00
		8	4	20.71	20.41	20.71	22.00
		8	7	21.00	20.58	20.33	22.00
		15	0	20.76	20.79	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.72	23.53	23.60	25.00
		1	12	23.74	23.67	23.59	25.00
		1	24	23.79	23.75	23.75	25.00
		12	0	22.64	22.73	22.71	24.00
		12	7	22.59	22.81	22.60	24.00
		12	13	22.91	22.67	22.56	24.00
		25	0	22.84	22.64	22.82	24.00
	16QAM	1	0	22.49	22.96	22.66	24.00
		1	12	22.53	22.99	22.55	24.00
		1	24	22.58	23.03	22.59	24.00
		12	0	21.75	21.61	21.88	23.00
		12	7	21.58	21.85	21.69	23.00
		12	13	21.77	21.68	21.71	23.00
		25	0	21.74	21.58	21.54	23.00
	64QAM	1	0	22.12	22.12	22.11	23.00
		1	12	22.06	22.18	22.17	23.00
		1	24	22.17	21.99	22.12	23.00

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		12	0	20.85	20.65	20.85	22.00
		12	7	20.72	20.67	20.62	22.00
		12	13	21.05	20.73	20.46	22.00
		25	0	20.62	20.88	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.70	23.62	23.59	25.00
		1	25	**23.67**	23.66	**23.62**	25.00
		1	49	23.74	23.63	23.64	25.00
		25	0	22.71	22.72	22.73	24.00
		25	12	22.70	22.67	22.65	24.00
		25	25	22.78	22.65	22.54	24.00
		50	0	22.72	22.73	22.68	24.00
	16QAM	1	0	22.59	22.98	22.60	24.00
		1	25	22.58	23.03	22.62	24.00
		1	49	22.62	23.01	22.62	24.00
		25	0	21.75	21.75	21.79	23.00
		25	12	21.73	21.72	21.71	23.00
		25	25	21.74	21.71	21.62	23.00
		50	0	21.71	21.70	21.68	23.00
	64QAM	1	0	22.06	22.18	22.05	23.00
		1	25	22.21	22.31	22.18	23.00
		1	49	22.15	21.98	22.13	23.00
		25	0	20.80	20.78	20.78	22.00
		25	12	20.67	20.52	20.76	22.00
		25	25	20.93	20.65	20.46	22.00
		50	0	20.61	20.75	20.74	22.00

LTE FDD Band 5 LTE B5-Level 4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.85	23.69	23.66	25.00
		1	3	23.79	23.61	23.63	25.00
		1	5	23.72	23.65	23.53	25.00
		3	0	23.82	23.96	23.89	25.00
		3	1	23.84	23.87	23.68	25.00
		3	3	23.69	23.62	23.87	25.00
		6	0	22.80	22.62	22.74	24.00
	16QAM	1	0	22.74	22.95	22.58	24.00
		1	3	22.57	23.16	22.77	24.00
		1	5	22.76	23.11	22.74	24.00
		3	0	22.68	22.68	22.86	24.00

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		3	1	22.67	22.45	22.60	24.00
		3	3	22.77	22.83	22.74	24.00
		6	0	21.70	21.71	21.63	23.00
	64QAM	1	0	21.98	22.33	22.04	23.00
		1	3	22.06	22.24	22.13	23.00
		1	5	22.19	21.83	22.16	23.00
		3	0	21.83	21.91	22.02	23.00
		3	1	22.09	22.20	22.12	23.00
		3	3	22.06	22.23	22.24	23.00
		6	0	20.50	20.66	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.82	23.76	23.50	25.00
		1	8	23.55	23.75	23.59	25.00
		1	14	23.70	23.76	23.59	25.00
		8	0	22.62	22.86	22.71	24.00
		8	4	22.80	22.70	22.70	24.00
		8	7	22.63	22.80	22.48	24.00
		15	0	22.72	22.76	22.53	24.00
	16QAM	1	0	22.61	23.03	22.75	24.00
		1	8	22.58	23.05	22.65	24.00
		1	14	22.73	22.92	22.77	24.00
		8	0	21.62	21.79	21.90	23.00
		8	4	21.61	21.85	21.57	23.00
		8	7	21.67	21.74	21.54	23.00
		15	0	21.69	21.66	21.72	23.00
	64QAM	1	0	22.20	22.12	22.13	23.00
		1	8	22.30	22.34	22.06	23.00
		1	14	22.01	21.95	22.03	23.00
		8	0	20.67	20.71	20.83	22.00
		8	4	20.71	20.41	20.71	22.00
		8	7	21.00	20.58	20.33	22.00
		15	0	20.76	20.79	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.72	23.53	23.60	25.00
		1	12	23.74	23.67	23.59	25.00
		1	24	23.79	23.75	23.75	25.00
		12	0	22.64	22.73	22.71	24.00
		12	7	22.59	22.81	22.60	24.00
		12	13	22.91	22.67	22.56	24.00
		25	0	22.84	22.64	22.82	24.00
	16QAM	1	0	22.49	22.96	22.66	24.00

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		1	12	22.53	22.99	22.55	24.00
		1	24	22.58	23.03	22.59	24.00
		12	0	21.75	21.61	21.88	23.00
		12	7	21.58	21.85	21.69	23.00
		12	13	21.77	21.68	21.71	23.00
		25	0	21.74	21.58	21.54	23.00
	64QAM	1	0	22.12	22.12	22.11	23.00
		1	12	22.06	22.18	22.17	23.00
		1	24	22.17	21.99	22.12	23.00
		12	0	20.85	20.65	20.85	22.00
		12	7	20.72	20.67	20.62	22.00
		12	13	21.05	20.73	20.46	22.00
		25	0	20.62	20.88	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.70	23.62	23.59	25.00
		1	25	**23.67**	23.66	**23.62**	25.00
		1	49	23.74	23.63	23.64	25.00
		25	0	22.71	22.72	22.73	24.00
		25	12	22.70	22.67	22.65	24.00
		25	25	22.78	22.65	22.54	24.00
		50	0	22.72	22.73	22.68	24.00
	16QAM	1	0	22.59	22.98	22.60	24.00
		1	25	22.58	23.03	22.62	24.00
		1	49	22.62	23.01	22.62	24.00
		25	0	21.75	21.75	21.79	23.00
		25	12	21.73	21.72	21.71	23.00
		25	25	21.74	21.71	21.62	23.00
		50	0	21.71	21.70	21.68	23.00
	64QAM	1	0	22.06	22.18	22.05	23.00
		1	25	22.21	22.31	22.18	23.00
		1	49	22.15	21.98	22.13	23.00
		25	0	20.80	20.78	20.78	22.00
		25	12	20.67	20.52	20.76	22.00
		25	25	20.93	20.65	20.46	22.00
		50	0	20.61	20.75	20.74	22.00

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LTE FDD Band 7 LTE B7-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	22.92	22.86	22.82	24.00
		1	12	23.10	23.27	22.82	24.00
		1	24	22.94	22.79	22.83	24.00
		12	0	21.84	22.08	21.67	23.00
		12	7	22.14	21.94	21.84	23.00
		12	13	22.10	21.94	21.86	23.00
		25	0	21.99	21.85	21.88	23.00
	16QAM	1	0	22.38	22.46	22.05	23.50
		1	12	22.42	22.59	22.38	23.50
		1	24	22.27	22.52	22.19	23.50
		12	0	20.97	20.96	20.65	22.50
		12	7	20.91	20.91	20.89	22.50
		12	13	20.87	21.05	20.74	22.50
		25	0	20.96	20.92	20.89	22.50
	64QAM	1	0	21.68	21.52	21.36	22.00
		1	12	21.40	21.75	21.34	22.00
		1	24	21.73	21.42	21.35	22.00
		12	0	20.04	19.91	20.11	21.00
		12	7	20.01	19.89	19.64	21.00
		12	13	20.04	19.94	19.72	21.00
		25	0	19.99	19.96	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	22.93	23.10	22.64	24.00
		1	25	23.15	23.15	22.91	24.00
		1	49	22.85	22.78	22.75	24.00
		25	0	21.96	21.90	21.90	23.00
		25	12	22.11	21.94	21.91	23.00
		25	25	22.07	21.88	21.90	23.00
		50	0	21.84	21.93	21.88	23.00
	16QAM	1	0	22.31	22.42	22.03	23.50
		1	25	22.50	22.67	22.31	23.50
		1	49	22.42	22.48	22.32	23.50
		25	0	20.99	20.84	20.61	22.50
		25	12	21.16	21.11	20.88	22.50
		25	25	20.98	21.05	20.76	22.50
		50	0	21.06	21.05	20.66	22.50
	64QAM	1	0	21.71	21.39	21.13	22.00

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		1	25	21.40	21.54	21.39	22.00
		1	49	21.72	21.45	21.17	22.00
		25	0	19.95	20.09	20.05	21.00
		25	12	20.12	20.07	19.60	21.00
		25	25	19.83	20.01	19.70	21.00
		50	0	19.81	19.84	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	22.96	22.96	22.64	24.00
		1	37	23.20	23.02	22.78	24.00
		1	74	23.11	22.85	22.88	24.00
		36	0	21.92	22.00	21.84	23.00
		36	20	22.12	22.19	21.81	23.00
		36	39	21.90	22.03	21.93	23.00
		75	0	21.93	22.04	21.94	23.00
	16QAM	1	0	22.35	22.35	22.22	23.50
		1	37	22.52	22.54	22.19	23.50
		1	74	22.36	22.42	22.30	23.50
		36	0	20.97	20.99	20.81	22.50
		36	20	20.93	21.11	20.83	22.50
		36	39	20.94	20.88	20.73	22.50
		75	0	20.98	20.91	20.80	22.50
	64QAM	1	0	21.67	21.47	21.24	22.00
		1	37	21.62	21.52	21.28	22.00
		1	74	21.63	21.61	21.14	22.00
		36	0	19.93	19.91	19.99	21.00
		36	20	20.22	20.00	19.61	21.00
		36	39	19.89	20.15	19.81	21.00
		75	0	19.99	19.88	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	23.00	22.96	22.74	24.00
		1	49	**23.07**	23.12	**22.84**	24.00
		1	99	22.97	22.92	22.82	24.00
		50	0	21.93	21.99	21.81	23.00
		50	24	22.03	22.04	21.84	23.00
		50	50	22.03	22.00	21.78	23.00
		100	0	21.97	21.98	21.80	23.00
	16QAM	1	0	22.45	22.40	22.18	23.50
		1	49	22.48	22.54	22.26	23.50
		1	99	22.41	22.37	22.29	23.50
		50	0	20.91	20.98	20.74	22.50
		50	24	21.04	21.03	20.80	22.50

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		50	50	21.01	20.96	20.74	22.50
		100	0	20.96	20.98	20.76	22.50
	64QAM	1	0	21.57	21.47	21.23	22.00
		1	49	21.47	21.60	21.28	22.00
		1	99	21.62	21.57	21.20	22.00
		50	0	19.90	20.03	19.96	21.00
		50	24	20.13	20.03	19.70	21.00
		50	50	19.90	20.03	19.75	21.00
		100	0	19.91	19.87	19.77	21.00

LTE FDD Band 7 LTE B7-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	22.92	22.86	22.82	24.00
		1	12	23.10	23.27	22.82	24.00
		1	24	22.94	22.79	22.83	24.00
		12	0	21.84	22.08	21.67	23.00
		12	7	22.14	21.94	21.84	23.00
		12	13	22.10	21.94	21.86	23.00
		25	0	21.99	21.85	21.88	23.00
	16QAM	1	0	22.38	22.46	22.05	23.50
		1	12	22.42	22.59	22.38	23.50
		1	24	22.27	22.52	22.19	23.50
		12	0	20.97	20.96	20.65	22.50
		12	7	20.91	20.91	20.89	22.50
		12	13	20.87	21.05	20.74	22.50
		25	0	20.96	20.92	20.89	22.50
	64QAM	1	0	21.68	21.52	21.36	22.00
		1	12	21.40	21.75	21.34	22.00
		1	24	21.73	21.42	21.35	22.00
		12	0	20.04	19.91	20.11	21.00
		12	7	20.01	19.89	19.64	21.00
		12	13	20.04	19.94	19.72	21.00
		25	0	19.99	19.96	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	22.93	23.10	22.64	24.00
		1	25	23.15	23.15	22.91	24.00
		1	49	22.85	22.78	22.75	24.00
		25	0	21.96	21.90	21.90	23.00
		25	12	22.11	21.94	21.91	23.00
		25	25	22.07	21.88	21.90	23.00

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		50	0	21.84	21.93	21.88	23.00
	16QAM	1	0	22.31	22.42	22.03	23.50
		1	25	22.50	22.67	22.31	23.50
		1	49	22.42	22.48	22.32	23.50
		25	0	20.99	20.84	20.61	22.50
		25	12	21.16	21.11	20.88	22.50
		25	25	20.98	21.05	20.76	22.50
		50	0	21.06	21.05	20.66	22.50
	64QAM	1	0	21.71	21.39	21.13	22.00
		1	25	21.40	21.54	21.39	22.00
		1	49	21.72	21.45	21.17	22.00
		25	0	19.95	20.09	20.05	21.00
		25	12	20.12	20.07	19.60	21.00
		25	25	19.83	20.01	19.70	21.00
		50	0	19.81	19.84	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	22.96	22.96	22.64	24.00
		1	37	23.20	23.02	22.78	24.00
		1	74	23.11	22.85	22.88	24.00
		36	0	21.92	22.00	21.84	23.00
		36	20	22.12	22.19	21.81	23.00
		36	39	21.90	22.03	21.93	23.00
		75	0	21.93	22.04	21.94	23.00
	16QAM	1	0	22.35	22.35	22.22	23.50
		1	37	22.52	22.54	22.19	23.50
		1	74	22.36	22.42	22.30	23.50
		36	0	20.97	20.99	20.81	22.50
		36	20	20.93	21.11	20.83	22.50
		36	39	20.94	20.88	20.73	22.50
		75	0	20.98	20.91	20.80	22.50
	64QAM	1	0	21.67	21.47	21.24	22.00
		1	37	21.62	21.52	21.28	22.00
		1	74	21.63	21.61	21.14	22.00
		36	0	19.93	19.91	19.99	21.00
		36	20	20.22	20.00	19.61	21.00
		36	39	19.89	20.15	19.81	21.00
		75	0	19.99	19.88	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	23.00	22.96	22.74	24.00
		1	49	**23.07**	23.12	**22.84**	24.00
		1	99	22.97	22.92	22.82	24.00

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		50	0	21.93	21.99	21.81	23.00
		50	24	22.03	22.04	21.84	23.00
		50	50	22.03	22.00	21.78	23.00
		100	0	21.97	21.98	21.80	23.00
	16QAM	1	0	22.45	22.40	22.18	23.50
		1	49	22.48	22.54	22.26	23.50
		1	99	22.41	22.37	22.29	23.50
		50	0	20.91	20.98	20.74	22.50
		50	24	21.04	21.03	20.80	22.50
		50	50	21.01	20.96	20.74	22.50
		100	0	20.96	20.98	20.76	22.50
	64QAM	1	0	21.57	21.47	21.23	22.00
		1	49	21.47	21.60	21.28	22.00
		1	99	21.62	21.57	21.20	22.00
		50	0	19.90	20.03	19.96	21.00
		50	24	20.13	20.03	19.70	21.00
		50	50	19.90	20.03	19.75	21.00
		100	0	19.91	19.87	19.77	21.00

LTE FDD Band 7 LTE B7-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	22.92	22.86	22.82	24.00
		1	12	23.10	23.27	22.82	24.00
		1	24	22.94	22.79	22.83	24.00
		12	0	21.84	22.08	21.67	23.00
		12	7	22.14	21.94	21.84	23.00
		12	13	22.10	21.94	21.86	23.00
		25	0	21.99	21.85	21.88	23.00
	16QAM	1	0	22.38	22.46	22.05	23.50
		1	12	22.42	22.59	22.38	23.50
		1	24	22.27	22.52	22.19	23.50
		12	0	20.97	20.96	20.65	22.50
		12	7	20.91	20.91	20.89	22.50
		12	13	20.87	21.05	20.74	22.50
		25	0	20.96	20.92	20.89	22.50
	64QAM	1	0	21.68	21.52	21.36	22.00
		1	12	21.40	21.75	21.34	22.00
		1	24	21.73	21.42	21.35	22.00
		12	0	20.04	19.91	20.11	21.00
		12	7	20.01	19.89	19.64	21.00
		12	13	20.04	19.94	19.72	21.00

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		25	0	19.99	19.96	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	22.93	23.10	22.64	24.00
		1	25	23.15	23.15	22.91	24.00
		1	49	22.85	22.78	22.75	24.00
		25	0	21.96	21.90	21.90	23.00
		25	12	22.11	21.94	21.91	23.00
		25	25	22.07	21.88	21.90	23.00
		50	0	21.84	21.93	21.88	23.00
	16QAM	1	0	22.31	22.42	22.03	23.50
		1	25	22.50	22.67	22.31	23.50
		1	49	22.42	22.48	22.32	23.50
		25	0	20.99	20.84	20.61	22.50
		25	12	21.16	21.11	20.88	22.50
		25	25	20.98	21.05	20.76	22.50
		50	0	21.06	21.05	20.66	22.50
	64QAM	1	0	21.71	21.39	21.13	22.00
		1	25	21.40	21.54	21.39	22.00
		1	49	21.72	21.45	21.17	22.00
		25	0	19.95	20.09	20.05	21.00
		25	12	20.12	20.07	19.60	21.00
		25	25	19.83	20.01	19.70	21.00
		50	0	19.81	19.84	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	22.96	22.96	22.64	24.00
		1	37	23.20	23.02	22.78	24.00
		1	74	23.11	22.85	22.88	24.00
		36	0	21.92	22.00	21.84	23.00
		36	20	22.12	22.19	21.81	23.00
		36	39	21.90	22.03	21.93	23.00
		75	0	21.93	22.04	21.94	23.00
	16QAM	1	0	22.35	22.35	22.22	23.50
		1	37	22.52	22.54	22.19	23.50
		1	74	22.36	22.42	22.30	23.50
		36	0	20.97	20.99	20.81	22.50
		36	20	20.93	21.11	20.83	22.50
		36	39	20.94	20.88	20.73	22.50
		75	0	20.98	20.91	20.80	22.50
	64QAM	1	0	21.67	21.47	21.24	22.00
		1	37	21.62	21.52	21.28	22.00
		1	74	21.63	21.61	21.14	22.00

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		36	0	19.93	19.91	19.99	21.00
		36	20	20.22	20.00	19.61	21.00
		36	39	19.89	20.15	19.81	21.00
		75	0	19.99	19.88	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	23.00	22.96	22.74	24.00
		1	49	**23.07**	23.12	**22.84**	24.00
		1	99	22.97	22.92	22.82	24.00
		50	0	21.93	21.99	21.81	23.00
		50	24	22.03	22.04	21.84	23.00
		50	50	22.03	22.00	21.78	23.00
		100	0	21.97	21.98	21.80	23.00
	16QAM	1	0	22.45	22.40	22.18	23.50
		1	49	22.48	22.54	22.26	23.50
		1	99	22.41	22.37	22.29	23.50
		50	0	20.91	20.98	20.74	22.50
		50	24	21.04	21.03	20.80	22.50
		50	50	21.01	20.96	20.74	22.50
		100	0	20.96	20.98	20.76	22.50
	64QAM	1	0	21.57	21.47	21.23	22.00
		1	49	21.47	21.60	21.28	22.00
		1	99	21.62	21.57	21.20	22.00
		50	0	19.90	20.03	19.96	21.00
		50	24	20.13	20.03	19.70	21.00
		50	50	19.90	20.03	19.75	21.00
		100	0	19.91	19.87	19.77	21.00

LTE FDD Band 7 LTE B7-Level 4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	21.86	21.74	21.66	23.00
		1	12	22.02	21.91	21.68	23.00
		1	24	21.63	21.84	21.66	23.00
		12	0	21.78	21.84	21.79	23.00
		12	7	21.75	21.77	21.75	23.00
		12	13	21.88	21.85	21.57	23.00
		25	0	21.92	21.93	21.70	23.00
	16QAM	1	0	22.20	21.90	21.80	23.00
		1	12	21.76	21.94	21.62	23.00
		1	24	21.76	21.60	21.30	23.00
		12	0	20.98	20.84	20.89	22.50

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		12	7	21.13	20.93	20.77	22.50
		12	13	20.76	21.03	20.94	22.50
		25	0	20.96	21.13	20.71	22.50
	64QAM	1	0	21.57	21.36	21.47	22.00
		1	12	21.32	21.56	21.29	22.00
		1	24	21.57	21.52	21.24	22.00
		12	0	19.84	19.81	19.97	21.00
		12	7	20.30	20.15	19.48	21.00
		12	13	19.73	19.78	19.82	21.00
		25	0	19.78	20.16	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	22.09	21.72	21.78	23.00
		1	25	22.03	21.89	21.71	23.00
		1	49	21.69	21.80	21.50	23.00
		25	0	21.71	21.98	21.67	23.00
		25	12	21.89	22.01	21.57	23.00
		25	25	21.68	21.90	21.77	23.00
		50	0	21.78	21.75	21.82	23.00
	16QAM	1	0	21.96	21.99	21.75	23.00
		1	25	21.85	22.11	21.89	23.00
		1	49	21.67	21.69	21.57	23.00
		25	0	20.95	21.01	20.86	22.50
		25	12	21.21	21.09	20.61	22.50
		25	25	20.93	20.87	20.82	22.50
		50	0	20.96	21.13	20.61	22.50
	64QAM	1	0	21.53	21.34	21.48	22.00
		1	25	21.60	21.79	21.34	22.00
		1	49	21.55	21.45	21.09	22.00
		25	0	20.08	19.82	19.84	21.00
		25	12	20.20	20.16	19.47	21.00
		25	25	19.89	19.79	19.67	21.00
		50	0	19.95	20.13	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	22.09	21.87	21.68	23.00
		1	37	21.87	21.93	21.66	23.00
		1	74	21.68	21.79	21.69	23.00
		36	0	21.81	21.93	21.64	23.00
		36	20	21.99	21.99	21.69	23.00
		36	39	21.72	21.96	21.52	23.00
		75	0	21.90	21.89	21.76	23.00
	16QAM	1	0	22.01	21.81	21.86	23.00

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		1	37	21.80	22.07	21.82	23.00
		1	74	21.73	21.50	21.36	23.00
		36	0	21.10	20.91	20.74	22.50
		36	20	21.07	20.96	20.85	22.50
		36	39	20.81	21.04	20.82	22.50
		75	0	21.06	20.93	20.72	22.50
	64QAM	1	0	21.54	21.36	21.40	22.00
		1	37	21.33	21.79	21.50	22.00
		1	74	21.70	21.55	21.13	22.00
		36	0	19.96	19.86	19.76	21.00
		36	20	20.16	20.01	19.48	21.00
		36	39	19.90	19.89	19.76	21.00
		75	0	19.84	20.00	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	21.98	21.74	21.77	23.00
		1	49	21.95	21.92	21.77	23.00
		1	99	21.71	21.72	21.57	23.00
		50	0	21.86	21.86	21.79	23.00
		50	24	21.86	21.92	21.72	23.00
		50	50	21.80	21.91	21.64	23.00
		100	0	21.84	21.84	21.70	23.00
	16QAM	1	0	22.08	21.89	21.77	23.00
		1	49	21.88	22.07	21.77	23.00
		1	99	21.69	21.63	21.45	23.00
		50	0	21.01	20.98	20.84	22.50
		50	24	21.17	21.03	20.73	22.50
		50	50	20.90	20.90	20.84	22.50
		100	0	21.10	21.03	20.65	22.50
	64QAM	1	0	21.61	21.33	21.38	22.00
		1	49	21.47	21.66	21.42	22.00
		1	99	21.62	21.54	21.21	22.00
		50	0	19.96	19.92	19.84	21.00
		50	24	20.28	20.01	19.55	21.00
		50	50	19.75	19.88	19.77	21.00
		100	0	19.92	20.02	19.90	21.00

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LTE FDD Band 12 LTE B12-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.58	23.67	23.63	25.00
		1	3	23.53	23.63	23.63	25.00
		1	5	23.75	23.44	23.71	25.00
		3	0	23.60	23.65	23.77	25.00
		3	1	23.69	23.63	23.49	25.00
		3	3	23.48	23.45	23.47	25.00
		6	0	22.40	22.73	22.75	24.00
	16QAM	1	0	22.39	22.91	22.59	24.00
		1	3	22.56	23.20	22.62	24.00
		1	5	22.52	23.12	22.58	24.00
		3	0	22.41	22.54	22.28	24.00
		3	1	22.45	22.61	22.57	24.00
		3	3	22.52	22.55	22.58	24.00
		6	0	21.57	21.66	21.57	23.00
	64QAM	1	0	22.19	22.20	22.39	23.00
		1	3	22.10	21.96	22.12	23.00
		1	5	22.20	22.22	22.10	23.00
		3	0	22.23	22.34	22.21	23.00
		3	1	21.82	22.02	21.87	23.00
		3	3	22.29	22.27	22.18	23.00
		6	0	20.64	20.90	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.48	23.48	23.57	25.00
		1	8	23.52	23.78	23.84	25.00
		1	14	23.73	23.62	23.72	25.00
		8	0	22.48	22.91	22.71	24.00
		8	4	22.68	22.73	22.53	24.00
		8	7	22.48	22.59	22.60	24.00
		15	0	22.63	22.68	22.63	24.00
	16QAM	1	0	22.64	22.96	22.78	24.00
		1	8	22.47	22.98	22.64	24.00
		1	14	22.47	23.15	22.66	24.00
		8	0	21.65	21.99	21.65	23.00
		8	4	21.79	21.57	21.87	23.00
		8	7	21.59	21.64	21.67	23.00
		15	0	21.70	21.74	21.52	23.00
	64QAM	1	0	22.19	22.13	22.48	23.00

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		1	8	22.15	21.99	21.97	23.00
		1	14	22.22	21.99	22.10	23.00
		8	0	20.48	20.73	20.76	22.00
		8	4	20.71	20.67	20.49	22.00
		8	7	20.76	20.75	20.55	22.00
		15	0	20.50	20.98	20.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.65	23.52	23.56	25.00
		1	12	23.64	23.81	23.77	25.00
		1	24	23.66	23.63	23.74	25.00
		12	0	22.38	22.83	22.62	24.00
		12	7	22.76	22.66	22.53	24.00
		12	13	22.56	22.56	22.74	24.00
		25	0	22.67	22.94	22.65	24.00
	16QAM	1	0	22.64	22.79	22.60	24.00
		1	12	22.63	23.07	22.71	24.00
		1	24	22.61	23.01	22.71	24.00
		12	0	21.63	21.88	21.66	23.00
		12	7	21.75	21.78	21.71	23.00
		12	13	21.48	21.79	21.76	23.00
		25	0	21.47	21.53	21.56	23.00
	64QAM	1	0	22.00	22.11	22.28	23.00
		1	12	22.31	22.11	21.99	23.00
		1	24	22.32	22.04	22.06	23.00
		12	0	20.47	20.68	20.89	22.00
		12	7	20.67	20.88	20.45	22.00
		12	13	20.54	20.67	20.49	22.00
		25	0	20.38	20.77	20.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.60	23.60	23.71	25.00
		1	25	**23.67**	23.69	**23.69**	25.00
		1	49	23.68	23.59	23.62	25.00
		25	0	22.47	22.86	22.66	24.00
		25	12	22.68	22.66	22.67	24.00
		25	25	22.57	22.66	22.67	24.00
		50	0	22.55	22.82	22.69	24.00
	16QAM	1	0	22.52	22.94	22.72	24.00
		1	25	22.51	23.06	22.74	24.00
		1	49	22.59	23.03	22.66	24.00
		25	0	21.52	21.86	21.77	23.00
		25	12	21.66	21.68	21.79	23.00

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		25	25	21.54	21.71	21.77	23.00
		50	0	21.58	21.59	21.55	23.00
	64QAM	1	0	22.10	22.20	22.36	23.00
		1	25	22.21	22.08	22.09	23.00
		1	49	22.29	22.08	22.18	23.00
		25	0	20.60	20.81	20.75	22.00
		25	12	20.73	20.74	20.53	22.00
		25	25	20.63	20.72	20.62	22.00
		50	0	20.53	20.83	20.55	22.00

LTE FDD Band 12 LTE B12-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.58	23.67	23.63	25.00
		1	3	23.53	23.63	23.63	25.00
		1	5	23.75	23.44	23.71	25.00
		3	0	23.60	23.65	23.77	25.00
		3	1	23.69	23.63	23.49	25.00
		3	3	23.48	23.45	23.47	25.00
		6	0	22.40	22.73	22.75	24.00
	16QAM	1	0	22.39	22.91	22.59	24.00
		1	3	22.56	23.20	22.62	24.00
		1	5	22.52	23.12	22.58	24.00
		3	0	22.41	22.54	22.28	24.00
		3	1	22.45	22.61	22.57	24.00
		3	3	22.52	22.55	22.58	24.00
		6	0	21.57	21.66	21.57	23.00
	64QAM	1	0	22.19	22.20	22.39	23.00
		1	3	22.10	21.96	22.12	23.00
		1	5	22.20	22.22	22.10	23.00
		3	0	22.23	22.34	22.21	23.00
		3	1	21.82	22.02	21.87	23.00
		3	3	22.29	22.27	22.18	23.00
		6	0	20.64	20.90	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.48	23.48	23.57	25.00
		1	8	23.52	23.78	23.84	25.00
		1	14	23.73	23.62	23.72	25.00
		8	0	22.48	22.91	22.71	24.00
		8	4	22.68	22.73	22.53	24.00
		8	7	22.48	22.59	22.60	24.00

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		15	0	22.63	22.68	22.63	24.00
	16QAM	1	0	22.64	22.96	22.78	24.00
		1	8	22.47	22.98	22.64	24.00
		1	14	22.47	23.15	22.66	24.00
		8	0	21.65	21.99	21.65	23.00
		8	4	21.79	21.57	21.87	23.00
		8	7	21.59	21.64	21.67	23.00
		15	0	21.70	21.74	21.52	23.00
	64QAM	1	0	22.19	22.13	22.48	23.00
		1	8	22.15	21.99	21.97	23.00
		1	14	22.22	21.99	22.10	23.00
		8	0	20.48	20.73	20.76	22.00
		8	4	20.71	20.67	20.49	22.00
		8	7	20.76	20.75	20.55	22.00
		15	0	20.50	20.98	20.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.65	23.52	23.56	25.00
		1	12	23.64	23.81	23.77	25.00
		1	24	23.66	23.63	23.74	25.00
		12	0	22.38	22.83	22.62	24.00
		12	7	22.76	22.66	22.53	24.00
		12	13	22.56	22.56	22.74	24.00
		25	0	22.67	22.94	22.65	24.00
	16QAM	1	0	22.64	22.79	22.60	24.00
		1	12	22.63	23.07	22.71	24.00
		1	24	22.61	23.01	22.71	24.00
		12	0	21.63	21.88	21.66	23.00
		12	7	21.75	21.78	21.71	23.00
		12	13	21.48	21.79	21.76	23.00
		25	0	21.47	21.53	21.56	23.00
	64QAM	1	0	22.00	22.11	22.28	23.00
		1	12	22.31	22.11	21.99	23.00
		1	24	22.32	22.04	22.06	23.00
		12	0	20.47	20.68	20.89	22.00
		12	7	20.67	20.88	20.45	22.00
		12	13	20.54	20.67	20.49	22.00
		25	0	20.38	20.77	20.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.60	23.60	23.71	25.00
		1	25	**23.67**	23.69	**23.69**	25.00
		1	49	23.68	23.59	23.62	25.00

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		25	0	22.47	22.86	22.66	24.00
		25	12	22.68	22.66	22.67	24.00
		25	25	22.57	22.66	22.67	24.00
		50	0	22.55	22.82	22.69	24.00
	16QAM	1	0	22.52	22.94	22.72	24.00
		1	25	22.51	23.06	22.74	24.00
		1	49	22.59	23.03	22.66	24.00
		25	0	21.52	21.86	21.77	23.00
		25	12	21.66	21.68	21.79	23.00
		25	25	21.54	21.71	21.77	23.00
		50	0	21.58	21.59	21.55	23.00
	64QAM	1	0	22.10	22.20	22.36	23.00
		1	25	22.21	22.08	22.09	23.00
		1	49	22.29	22.08	22.18	23.00
		25	0	20.60	20.81	20.75	22.00
		25	12	20.73	20.74	20.53	22.00
		25	25	20.63	20.72	20.62	22.00
		50	0	20.53	20.83	20.55	22.00

LTE FDD Band 12 LTE B12-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.58	23.67	23.63	25.00
		1	3	23.53	23.63	23.63	25.00
		1	5	23.75	23.44	23.71	25.00
		3	0	23.60	23.65	23.77	25.00
		3	1	23.69	23.63	23.49	25.00
		3	3	23.48	23.45	23.47	25.00
		6	0	22.40	22.73	22.75	24.00
	16QAM	1	0	22.39	22.91	22.59	24.00
		1	3	22.56	23.20	22.62	24.00
		1	5	22.52	23.12	22.58	24.00
		3	0	22.41	22.54	22.28	24.00
		3	1	22.45	22.61	22.57	24.00
		3	3	22.52	22.55	22.58	24.00
		6	0	21.57	21.66	21.57	23.00
	64QAM	1	0	22.19	22.20	22.39	23.00
		1	3	22.10	21.96	22.12	23.00
		1	5	22.20	22.22	22.10	23.00
		3	0	22.23	22.34	22.21	23.00
		3	1	21.82	22.02	21.87	23.00
		3	3	22.29	22.27	22.18	23.00

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		6	0	20.64	20.90	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.48	23.48	23.57	25.00
		1	8	23.52	23.78	23.84	25.00
		1	14	23.73	23.62	23.72	25.00
		8	0	22.48	22.91	22.71	24.00
		8	4	22.68	22.73	22.53	24.00
		8	7	22.48	22.59	22.60	24.00
		15	0	22.63	22.68	22.63	24.00
	16QAM	1	0	22.64	22.96	22.78	24.00
		1	8	22.47	22.98	22.64	24.00
		1	14	22.47	23.15	22.66	24.00
		8	0	21.65	21.99	21.65	23.00
		8	4	21.79	21.57	21.87	23.00
		8	7	21.59	21.64	21.67	23.00
		15	0	21.70	21.74	21.52	23.00
	64QAM	1	0	22.19	22.13	22.48	23.00
		1	8	22.15	21.99	21.97	23.00
		1	14	22.22	21.99	22.10	23.00
		8	0	20.48	20.73	20.76	22.00
		8	4	20.71	20.67	20.49	22.00
		8	7	20.76	20.75	20.55	22.00
		15	0	20.50	20.98	20.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.65	23.52	23.56	25.00
		1	12	23.64	23.81	23.77	25.00
		1	24	23.66	23.63	23.74	25.00
		12	0	22.38	22.83	22.62	24.00
		12	7	22.76	22.66	22.53	24.00
		12	13	22.56	22.56	22.74	24.00
		25	0	22.67	22.94	22.65	24.00
	16QAM	1	0	22.64	22.79	22.60	24.00
		1	12	22.63	23.07	22.71	24.00
		1	24	22.61	23.01	22.71	24.00
		12	0	21.63	21.88	21.66	23.00
		12	7	21.75	21.78	21.71	23.00
		12	13	21.48	21.79	21.76	23.00
		25	0	21.47	21.53	21.56	23.00
	64QAM	1	0	22.00	22.11	22.28	23.00
		1	12	22.31	22.11	21.99	23.00
		1	24	22.32	22.04	22.06	23.00

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		12	0	20.47	20.68	20.89	22.00
		12	7	20.67	20.88	20.45	22.00
		12	13	20.54	20.67	20.49	22.00
		25	0	20.38	20.77	20.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.60	23.60	23.71	25.00
		1	25	**23.67**	23.69	**23.69**	25.00
		1	49	23.68	23.59	23.62	25.00
		25	0	22.47	22.86	22.66	24.00
		25	12	22.68	22.66	22.67	24.00
		25	25	22.57	22.66	22.67	24.00
		50	0	22.55	22.82	22.69	24.00
	16QAM	1	0	22.52	22.94	22.72	24.00
		1	25	22.51	23.06	22.74	24.00
		1	49	22.59	23.03	22.66	24.00
		25	0	21.52	21.86	21.77	23.00
		25	12	21.66	21.68	21.79	23.00
		25	25	21.54	21.71	21.77	23.00
		50	0	21.58	21.59	21.55	23.00
	64QAM	1	0	22.10	22.20	22.36	23.00
		1	25	22.21	22.08	22.09	23.00
		1	49	22.29	22.08	22.18	23.00
		25	0	20.60	20.81	20.75	22.00
		25	12	20.73	20.74	20.53	22.00
		25	25	20.63	20.72	20.62	22.00
		50	0	20.53	20.83	20.55	22.00

LTE FDD Band 12 LTE B12-Level 4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.58	23.67	23.63	25.00
		1	3	23.53	23.63	23.63	25.00
		1	5	23.75	23.44	23.71	25.00
		3	0	23.60	23.65	23.77	25.00
		3	1	23.69	23.63	23.49	25.00
		3	3	23.48	23.45	23.47	25.00
		6	0	22.40	22.73	22.75	24.00
	16QAM	1	0	22.39	22.91	22.59	24.00
		1	3	22.56	23.20	22.62	24.00
		1	5	22.52	23.12	22.58	24.00
		3	0	22.41	22.54	22.28	24.00

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		3	1	22.45	22.61	22.57	24.00
		3	3	22.52	22.55	22.58	24.00
		6	0	21.57	21.66	21.57	23.00
	64QAM	1	0	22.19	22.20	22.39	23.00
		1	3	22.10	21.96	22.12	23.00
		1	5	22.20	22.22	22.10	23.00
		3	0	22.23	22.34	22.21	23.00
		3	1	21.82	22.02	21.87	23.00
		3	3	22.29	22.27	22.18	23.00
		6	0	20.64	20.90	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.48	23.48	23.57	25.00
		1	8	23.52	23.78	23.84	25.00
		1	14	23.73	23.62	23.72	25.00
		8	0	22.48	22.91	22.71	24.00
		8	4	22.68	22.73	22.53	24.00
		8	7	22.48	22.59	22.60	24.00
		15	0	22.63	22.68	22.63	24.00
	16QAM	1	0	22.64	22.96	22.78	24.00
		1	8	22.47	22.98	22.64	24.00
		1	14	22.47	23.15	22.66	24.00
		8	0	21.65	21.99	21.65	23.00
		8	4	21.79	21.57	21.87	23.00
		8	7	21.59	21.64	21.67	23.00
		15	0	21.70	21.74	21.52	23.00
	64QAM	1	0	22.19	22.13	22.48	23.00
		1	8	22.15	21.99	21.97	23.00
		1	14	22.22	21.99	22.10	23.00
		8	0	20.48	20.73	20.76	22.00
		8	4	20.71	20.67	20.49	22.00
		8	7	20.76	20.75	20.55	22.00
		15	0	20.50	20.98	20.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.65	23.52	23.56	25.00
		1	12	23.64	23.81	23.77	25.00
		1	24	23.66	23.63	23.74	25.00
		12	0	22.38	22.83	22.62	24.00
		12	7	22.76	22.66	22.53	24.00
		12	13	22.56	22.56	22.74	24.00
		25	0	22.67	22.94	22.65	24.00
	16QAM	1	0	22.64	22.79	22.60	24.00

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		1	12	22.63	23.07	22.71	24.00
		1	24	22.61	23.01	22.71	24.00
		12	0	21.63	21.88	21.66	23.00
		12	7	21.75	21.78	21.71	23.00
		12	13	21.48	21.79	21.76	23.00
		25	0	21.47	21.53	21.56	23.00
	64QAM	1	0	22.00	22.11	22.28	23.00
		1	12	22.31	22.11	21.99	23.00
		1	24	22.32	22.04	22.06	23.00
		12	0	20.47	20.68	20.89	22.00
		12	7	20.67	20.88	20.45	22.00
		12	13	20.54	20.67	20.49	22.00
		25	0	20.38	20.77	20.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.60	23.60	23.71	25.00
		1	25	**23.67**	23.69	**23.69**	25.00
		1	49	23.68	23.59	23.62	25.00
		25	0	22.47	22.86	22.66	24.00
		25	12	22.68	22.66	22.67	24.00
		25	25	22.57	22.66	22.67	24.00
		50	0	22.55	22.82	22.69	24.00
	16QAM	1	0	22.52	22.94	22.72	24.00
		1	25	22.51	23.06	22.74	24.00
		1	49	22.59	23.03	22.66	24.00
		25	0	21.52	21.86	21.77	23.00
		25	12	21.66	21.68	21.79	23.00
		25	25	21.54	21.71	21.77	23.00
		50	0	21.58	21.59	21.55	23.00
	64QAM	1	0	22.10	22.20	22.36	23.00
		1	25	22.21	22.08	22.09	23.00
		1	49	22.29	22.08	22.18	23.00
		25	0	20.60	20.81	20.75	22.00
		25	12	20.73	20.74	20.53	22.00
		25	25	20.63	20.72	20.62	22.00
		50	0	20.53	20.83	20.55	22.00

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LTE FDD Band 17 LTE B17-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23755/706.5	23790/710	23825/713.5	
5MHz	QPSK	1	0	23.76	23.78	23.87	25.00
		1	12	23.95	23.60	23.01	25.00
		1	24	23.72	23.11	23.03	25.00
		12	0	22.96	22.72	22.67	24.00
		12	7	22.71	22.87	23.00	24.00
		12	13	22.92	22.98	22.91	24.00
		25	0	22.74	22.95	22.93	24.00
	16QAM	1	0	22.49	23.23	22.70	24.00
		1	12	22.84	23.14	22.04	24.00
		1	24	22.61	22.02	22.09	24.00
		12	0	21.78	22.04	21.93	23.00
		12	7	21.96	21.89	21.67	23.00
		12	13	22.13	21.71	21.63	23.00
		25	0	21.90	21.87	21.65	23.00
	64QAM	1	0	22.16	22.12	22.23	23.00
		1	12	22.33	22.52	21.19	23.00
		1	24	22.60	21.45	21.46	23.00
		12	0	20.68	21.07	20.78	22.00
		12	7	20.85	21.04	20.92	22.00
		12	13	20.84	20.74	20.99	22.00
		25	0	20.78	21.18	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23780/709	23790/710	23800/711	
10MHz	QPSK	1	0	23.80	23.83	23.80	25.00
		1	25	23.83	23.75	23.11	25.00
		1	49	23.83	23.03	23.05	25.00
		25	0	22.93	22.81	22.82	24.00
		25	12	22.84	22.88	22.87	24.00
		25	25	22.93	22.83	22.86	24.00
		50	0	22.84	23.10	22.89	24.00
	16QAM	1	0	22.64	23.22	22.80	24.00
		1	25	22.73	23.15	22.77	24.00
		1	49	22.70	23.01	22.05	24.00
		25	0	21.93	21.90	21.92	23.00
		25	12	21.85	21.97	21.78	23.00
		25	25	21.98	21.82	21.69	23.00
		50	0	21.76	21.83	21.70	23.00
	64QAM	1	0	22.15	22.25	22.28	23.00

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		1	25	22.39	22.38	21.34	23.00
		1	49	22.46	21.31	21.44	23.00
		25	0	20.81	20.95	20.83	22.00
		25	12	20.74	20.91	20.78	22.00
		25	25	20.89	20.83	20.88	22.00
		50	0	20.74	21.18	20.88	22.00

LTE FDD Band 17 LTE B17-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23755/706.5	23790/710	23825/713.5	
5MHz	QPSK	1	0	23.76	23.78	23.87	25.00
		1	12	23.95	23.60	23.01	25.00
		1	24	23.72	23.11	23.03	25.00
		12	0	22.96	22.72	22.67	24.00
		12	7	22.71	22.87	23.00	24.00
		12	13	22.92	22.98	22.91	24.00
		25	0	22.74	22.95	22.93	24.00
	16QAM	1	0	22.49	23.23	22.70	24.00
		1	12	22.84	23.14	22.04	24.00
		1	24	22.61	22.02	22.09	24.00
		12	0	21.78	22.04	21.93	23.00
		12	7	21.96	21.89	21.67	23.00
		12	13	22.13	21.71	21.63	23.00
		25	0	21.90	21.87	21.65	23.00
	64QAM	1	0	22.16	22.12	22.23	23.00
		1	12	22.33	22.52	21.19	23.00
		1	24	22.60	21.45	21.46	23.00
		12	0	20.68	21.07	20.78	22.00
		12	7	20.85	21.04	20.92	22.00
		12	13	20.84	20.74	20.99	22.00
		25	0	20.78	21.18	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23780/709	23790/710	23800/711	
10MHz	QPSK	1	0	23.80	23.83	23.80	25.00
		1	25	23.83	23.75	23.11	25.00
		1	49	23.83	23.03	23.05	25.00
		25	0	22.93	22.81	22.82	24.00
		25	12	22.84	22.88	22.87	24.00
		25	25	22.93	22.83	22.86	24.00
		50	0	22.84	23.10	22.89	24.00
	16QAM	1	0	22.64	23.22	22.80	24.00
		1	25	22.73	23.15	22.77	24.00

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		1	49	22.70	23.01	22.05	24.00
		25	0	21.93	21.90	21.92	23.00
		25	12	21.85	21.97	21.78	23.00
		25	25	21.98	21.82	21.69	23.00
		50	0	21.76	21.83	21.70	23.00
	64QAM	1	0	22.15	22.25	22.28	23.00
		1	25	22.39	22.38	21.34	23.00
		1	49	22.46	21.31	21.44	23.00
		25	0	20.81	20.95	20.83	22.00
		25	12	20.74	20.91	20.78	22.00
		25	25	20.89	20.83	20.88	22.00
		50	0	20.74	21.18	20.88	22.00

LTE FDD Band 17 LTE B17-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23755/706.5	23790/710	23825/713.5	
5MHz	QPSK	1	0	23.76	23.78	23.87	25.00
		1	12	23.95	23.60	23.01	25.00
		1	24	23.72	23.11	23.03	25.00
		12	0	22.96	22.72	22.67	24.00
		12	7	22.71	22.87	23.00	24.00
		12	13	22.92	22.98	22.91	24.00
		25	0	22.74	22.95	22.93	24.00
	16QAM	1	0	22.49	23.23	22.70	24.00
		1	12	22.84	23.14	22.04	24.00
		1	24	22.61	22.02	22.09	24.00
		12	0	21.78	22.04	21.93	23.00
		12	7	21.96	21.89	21.67	23.00
		12	13	22.13	21.71	21.63	23.00
		25	0	21.90	21.87	21.65	23.00
	64QAM	1	0	22.16	22.12	22.23	23.00
		1	12	22.33	22.52	21.19	23.00
		1	24	22.60	21.45	21.46	23.00
		12	0	20.68	21.07	20.78	22.00
		12	7	20.85	21.04	20.92	22.00
		12	13	20.84	20.74	20.99	22.00
		25	0	20.78	21.18	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23780/709	23790/710	23800/711	
10MHz	QPSK	1	0	23.80	23.83	23.80	25.00
		1	25	23.83	23.75	23.11	25.00
		1	49	23.83	23.03	23.05	25.00

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		25	0	22.93	22.81	22.82	24.00
		25	12	22.84	22.88	22.87	24.00
		25	25	22.93	22.83	22.86	24.00
		50	0	22.84	23.10	22.89	24.00
	16QAM	1	0	22.64	23.22	22.80	24.00
		1	25	22.73	23.15	22.77	24.00
		1	49	22.70	23.01	22.05	24.00
		25	0	21.93	21.90	21.92	23.00
		25	12	21.85	21.97	21.78	23.00
		25	25	21.98	21.82	21.69	23.00
		50	0	21.76	21.83	21.70	23.00
	64QAM	1	0	22.15	22.25	22.28	23.00
		1	25	22.39	22.38	21.34	23.00
		1	49	22.46	21.31	21.44	23.00
		25	0	20.81	20.95	20.83	22.00
		25	12	20.74	20.91	20.78	22.00
		25	25	20.89	20.83	20.88	22.00
		50	0	20.74	21.18	20.88	22.00

LTE FDD Band 17 LTE B17-Level 4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23755/706.5	23790/710	23825/713.5	
5MHz	QPSK	1	0	23.76	23.78	23.87	25.00
		1	12	23.95	23.60	23.01	25.00
		1	24	23.72	23.11	23.03	25.00
		12	0	22.96	22.72	22.67	24.00
		12	7	22.71	22.87	23.00	24.00
		12	13	22.92	22.98	22.91	24.00
		25	0	22.74	22.95	22.93	24.00
	16QAM	1	0	22.49	23.23	22.70	24.00
		1	12	22.84	23.14	22.04	24.00
		1	24	22.61	22.02	22.09	24.00
		12	0	21.78	22.04	21.93	23.00
		12	7	21.96	21.89	21.67	23.00
		12	13	22.13	21.71	21.63	23.00
		25	0	21.90	21.87	21.65	23.00
	64QAM	1	0	22.16	22.12	22.23	23.00
		1	12	22.33	22.52	21.19	23.00
		1	24	22.60	21.45	21.46	23.00
		12	0	20.68	21.07	20.78	22.00
		12	7	20.85	21.04	20.92	22.00
		12	13	20.84	20.74	20.99	22.00

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		25	0	20.78	21.18	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23780/709	23790/710	23800/711	
10MHz	QPSK	1	0	23.80	23.83	23.80	25.00
		1	25	23.83	23.75	23.11	25.00
		1	49	23.83	23.03	23.05	25.00
		25	0	22.93	22.81	22.82	24.00
		25	12	22.84	22.88	22.87	24.00
		25	25	22.93	22.83	22.86	24.00
		50	0	22.84	23.10	22.89	24.00
	16QAM	1	0	22.64	23.22	22.80	24.00
		1	25	22.73	23.15	22.77	24.00
		1	49	22.70	23.01	22.05	24.00
		25	0	21.93	21.90	21.92	23.00
		25	12	21.85	21.97	21.78	23.00
		25	25	21.98	21.82	21.69	23.00
		50	0	21.76	21.83	21.70	23.00
	64QAM	1	0	22.15	22.25	22.28	23.00
		1	25	22.39	22.38	21.34	23.00
		1	49	22.46	21.31	21.44	23.00
		25	0	20.81	20.95	20.83	22.00
		25	12	20.74	20.91	20.78	22.00
		25	25	20.89	20.83	20.88	22.00
		50	0	20.74	21.18	20.88	22.00

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LTE FDD Band 26 LTE B26-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				26697/814.7	26865/831.5	27033/848.3	
1.4MHz	QPSK	1	0	23.77	23.64	23.50	25.00
		1	3	23.81	24.01	23.61	25.00
		1	5	23.58	23.58	23.39	25.00
		3	0	23.80	23.67	23.32	25.00
		3	1	23.66	23.76	23.60	25.00
		3	3	23.72	23.74	23.40	25.00
		6	0	22.59	22.87	22.35	24.00
	16QAM	1	0	22.78	22.94	22.72	24.00
		1	3	22.77	23.23	22.98	24.00
		1	5	22.71	22.94	22.92	24.00
		3	0	22.78	23.01	22.93	24.00
		3	1	22.68	23.36	23.03	24.00
		3	3	22.70	23.13	22.91	24.00
		6	0	21.63	21.77	21.65	23.00
	64QAM	1	0	22.11	22.22	21.84	23.00
		1	3	22.25	22.47	22.08	23.00
		1	5	22.08	21.98	21.96	23.00
		3	0	22.09	22.03	21.84	23.00
		3	1	22.11	22.55	22.31	23.00
		3	3	22.18	22.00	21.88	23.00
		6	0	20.95	21.08	20.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	23.68	23.62	23.42	25.00
		1	8	23.69	23.90	23.61	25.00
		1	14	23.58	23.67	23.38	25.00
		8	0	22.72	22.70	22.53	24.00
		8	4	22.90	22.73	22.57	24.00
		8	7	22.73	22.74	22.50	24.00
		15	0	22.65	22.82	22.43	24.00
	16QAM	1	0	22.73	22.95	22.84	24.00
		1	8	22.77	23.28	22.96	24.00
		1	14	22.61	23.07	22.95	24.00
		8	0	21.72	21.79	21.46	23.00
		8	4	21.79	21.91	21.48	23.00
		8	7	21.75	21.68	21.64	23.00
		15	0	21.64	21.78	21.59	23.00
	64QAM	1	0	22.17	22.10	21.79	23.00

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		1	8	22.13	22.42	22.20	23.00
		1	14	22.19	22.01	21.92	23.00
		8	0	20.86	20.75	20.76	22.00
		8	4	20.91	20.56	20.68	22.00
		8	7	20.71	20.79	20.54	22.00
		15	0	20.89	20.98	20.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	23.81	23.52	23.38	25.00
		1	12	23.74	23.71	23.64	25.00
		1	24	23.68	23.59	23.46	25.00
		12	0	22.68	22.86	22.65	24.00
		12	7	22.78	22.80	22.60	24.00
		12	13	22.68	22.64	22.44	24.00
		25	0	22.89	22.74	22.71	24.00
	16QAM	1	0	22.57	22.91	22.82	24.00
		1	12	22.68	23.16	22.84	24.00
		1	24	22.51	22.96	22.68	24.00
		12	0	21.62	21.78	21.70	23.00
		12	7	21.74	21.86	21.48	23.00
		12	13	21.63	21.84	21.54	23.00
		25	0	21.76	21.80	21.68	23.00
	64QAM	1	0	22.18	22.24	21.88	23.00
		1	12	22.30	22.31	22.12	23.00
		1	24	22.22	22.10	22.18	23.00
		12	0	20.75	20.67	20.56	22.00
		12	7	20.75	20.70	20.78	22.00
		12	13	20.66	20.77	20.71	22.00
		25	0	20.80	20.99	20.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26750/820	26865/831.5	26990/844	
10MHz	QPSK	1	0	23.94	23.77	23.42	25.00
		1	25	**23.91**	23.69	**23.60**	25.00
		1	49	23.77	23.64	23.32	25.00
		25	0	22.68	22.74	22.62	24.00
		25	12	22.78	22.59	22.56	24.00
		25	25	22.80	22.85	22.52	24.00
		50	0	22.72	22.70	22.59	24.00
	16QAM	1	0	22.76	23.02	23.04	24.00
		1	25	22.58	23.03	22.77	24.00
		1	49	22.59	22.98	22.90	24.00
		25	0	21.66	21.65	21.51	23.00
		25	12	21.91	21.86	21.67	23.00

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		25	25	21.85	21.71	21.67	23.00
		50	0	21.62	21.69	21.58	23.00
	64QAM	1	0	22.11	22.27	21.92	23.00
		1	25	22.04	22.22	22.16	23.00
		1	49	22.33	22.12	22.13	23.00
		25	0	20.69	20.54	20.65	22.00
		25	12	21.04	20.49	20.61	22.00
		25	25	20.54	20.90	20.70	22.00
		50	0	20.87	20.70	20.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	23.82	23.67	23.50	25.00
		1	37	23.79	23.79	23.51	25.00
		1	74	23.73	23.65	23.46	25.00
		36	0	22.77	22.72	22.58	24.00
		36	20	22.78	22.72	22.60	24.00
		36	39	22.72	22.71	22.52	24.00
		75	0	22.75	22.72	22.58	24.00
	16QAM	1	0	22.65	23.03	22.89	24.00
		1	37	22.66	23.14	22.86	24.00
		1	74	22.61	23.03	22.83	24.00
		36	0	21.75	21.77	21.56	23.00
		36	20	21.78	21.85	21.58	23.00
		36	39	21.75	21.78	21.52	23.00
		75	0	21.77	21.77	21.54	23.00
	64QAM	1	0	22.18	22.14	21.93	23.00
		1	37	22.16	22.30	22.15	23.00
		1	74	22.32	22.06	22.03	23.00
		36	0	20.73	20.60	20.64	22.00
		36	20	20.89	20.60	20.66	22.00
		36	39	20.65	20.78	20.64	22.00
		75	0	20.82	20.84	20.47	22.00

LTE FDD Band 26 LTE B26-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				26697/814.7	26865/831.5	27033/848.3	
1.4MHz	QPSK	1	0	23.77	23.64	23.50	25.00
		1	3	23.81	24.01	23.61	25.00
		1	5	23.58	23.58	23.39	25.00
		3	0	23.80	23.67	23.32	25.00
		3	1	23.66	23.76	23.60	25.00
		3	3	23.72	23.74	23.40	25.00

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		6	0	22.59	22.87	22.35	24.00
	16QAM	1	0	22.78	22.94	22.72	24.00
		1	3	22.77	23.23	22.98	24.00
		1	5	22.71	22.94	22.92	24.00
		3	0	22.78	23.01	22.93	24.00
		3	1	22.68	23.36	23.03	24.00
		3	3	22.70	23.13	22.91	24.00
		6	0	21.63	21.77	21.65	23.00
	64QAM	1	0	22.11	22.22	21.84	23.00
		1	3	22.25	22.47	22.08	23.00
		1	5	22.08	21.98	21.96	23.00
		3	0	22.09	22.03	21.84	23.00
		3	1	22.11	22.55	22.31	23.00
		3	3	22.18	22.00	21.88	23.00
		6	0	20.95	21.08	20.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	23.68	23.62	23.42	25.00
		1	8	23.69	23.90	23.61	25.00
		1	14	23.58	23.67	23.38	25.00
		8	0	22.72	22.70	22.53	24.00
		8	4	22.90	22.73	22.57	24.00
		8	7	22.73	22.74	22.50	24.00
		15	0	22.65	22.82	22.43	24.00
	16QAM	1	0	22.73	22.95	22.84	24.00
		1	8	22.77	23.28	22.96	24.00
		1	14	22.61	23.07	22.95	24.00
		8	0	21.72	21.79	21.46	23.00
		8	4	21.79	21.91	21.48	23.00
		8	7	21.75	21.68	21.64	23.00
		15	0	21.64	21.78	21.59	23.00
	64QAM	1	0	22.17	22.10	21.79	23.00
		1	8	22.13	22.42	22.20	23.00
		1	14	22.19	22.01	21.92	23.00
		8	0	20.86	20.75	20.76	22.00
		8	4	20.91	20.56	20.68	22.00
		8	7	20.71	20.79	20.54	22.00
		15	0	20.89	20.98	20.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	23.81	23.52	23.38	25.00
		1	12	23.74	23.71	23.64	25.00
		1	24	23.68	23.59	23.46	25.00

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		12	0	22.68	22.86	22.65	24.00
		12	7	22.78	22.80	22.60	24.00
		12	13	22.68	22.64	22.44	24.00
		25	0	22.89	22.74	22.71	24.00
	16QAM	1	0	22.57	22.91	22.82	24.00
		1	12	22.68	23.16	22.84	24.00
		1	24	22.51	22.96	22.68	24.00
		12	0	21.62	21.78	21.70	23.00
		12	7	21.74	21.86	21.48	23.00
		12	13	21.63	21.84	21.54	23.00
		25	0	21.76	21.80	21.68	23.00
	64QAM	1	0	22.18	22.24	21.88	23.00
		1	12	22.30	22.31	22.12	23.00
		1	24	22.22	22.10	22.18	23.00
		12	0	20.75	20.67	20.56	22.00
		12	7	20.75	20.70	20.78	22.00
		12	13	20.66	20.77	20.71	22.00
		25	0	20.80	20.99	20.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26750/820	26865/831.5	26990/844	
10MHz	QPSK	1	0	23.94	23.77	23.42	25.00
		1	25	**23.91**	23.69	**23.60**	25.00
		1	49	23.77	23.64	23.32	25.00
		25	0	22.68	22.74	22.62	24.00
		25	12	22.78	22.59	22.56	24.00
		25	25	22.80	22.85	22.52	24.00
		50	0	22.72	22.70	22.59	24.00
	16QAM	1	0	22.76	23.02	23.04	24.00
		1	25	22.58	23.03	22.77	24.00
		1	49	22.59	22.98	22.90	24.00
		25	0	21.66	21.65	21.51	23.00
		25	12	21.91	21.86	21.67	23.00
		25	25	21.85	21.71	21.67	23.00
		50	0	21.62	21.69	21.58	23.00
	64QAM	1	0	22.11	22.27	21.92	23.00
		1	25	22.04	22.22	22.16	23.00
		1	49	22.33	22.12	22.13	23.00
		25	0	20.69	20.54	20.65	22.00
		25	12	21.04	20.49	20.61	22.00
		25	25	20.54	20.90	20.70	22.00
		50	0	20.87	20.70	20.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26775/822.5	26865/831.5	26965/841.5	

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15MHz	QPSK	1	0	23.82	23.67	23.50	25.00
		1	37	23.79	23.79	23.51	25.00
		1	74	23.73	23.65	23.46	25.00
		36	0	22.77	22.72	22.58	24.00
		36	20	22.78	22.72	22.60	24.00
		36	39	22.72	22.71	22.52	24.00
		75	0	22.75	22.72	22.58	24.00
	16QAM	1	0	22.65	23.03	22.89	24.00
		1	37	22.66	23.14	22.86	24.00
		1	74	22.61	23.03	22.83	24.00
		36	0	21.75	21.77	21.56	23.00
		36	20	21.78	21.85	21.58	23.00
		36	39	21.75	21.78	21.52	23.00
		75	0	21.77	21.77	21.54	23.00
	64QAM	1	0	22.18	22.14	21.93	23.00
		1	37	22.16	22.30	22.15	23.00
		1	74	22.32	22.06	22.03	23.00
		36	0	20.73	20.60	20.64	22.00
		36	20	20.89	20.60	20.66	22.00
		36	39	20.65	20.78	20.64	22.00
		75	0	20.82	20.84	20.47	22.00

LTE FDD Band 26 LTE B26-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				26697/814.7	26865/831.5	27033/848.3	
1.4MHz	QPSK	1	0	23.77	23.64	23.50	25.00
		1	3	23.81	24.01	23.61	25.00
		1	5	23.58	23.58	23.39	25.00
		3	0	23.80	23.67	23.32	25.00
		3	1	23.66	23.76	23.60	25.00
		3	3	23.72	23.74	23.40	25.00
		6	0	22.59	22.87	22.35	24.00
	16QAM	1	0	22.78	22.94	22.72	24.00
		1	3	22.77	23.23	22.98	24.00
		1	5	22.71	22.94	22.92	24.00
		3	0	22.78	23.01	22.93	24.00
		3	1	22.68	23.36	23.03	24.00
		3	3	22.70	23.13	22.91	24.00
		6	0	21.63	21.77	21.65	23.00
	64QAM	1	0	22.11	22.22	21.84	23.00
		1	3	22.25	22.47	22.08	23.00
		1	5	22.08	21.98	21.96	23.00

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		3	0	22.09	22.03	21.84	23.00
		3	1	22.11	22.55	22.31	23.00
		3	3	22.18	22.00	21.88	23.00
		6	0	20.95	21.08	20.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	23.68	23.62	23.42	25.00
		1	8	23.69	23.90	23.61	25.00
		1	14	23.58	23.67	23.38	25.00
		8	0	22.72	22.70	22.53	24.00
		8	4	22.90	22.73	22.57	24.00
		8	7	22.73	22.74	22.50	24.00
		15	0	22.65	22.82	22.43	24.00
	16QAM	1	0	22.73	22.95	22.84	24.00
		1	8	22.77	23.28	22.96	24.00
		1	14	22.61	23.07	22.95	24.00
		8	0	21.72	21.79	21.46	23.00
		8	4	21.79	21.91	21.48	23.00
		8	7	21.75	21.68	21.64	23.00
		15	0	21.64	21.78	21.59	23.00
	64QAM	1	0	22.17	22.10	21.79	23.00
		1	8	22.13	22.42	22.20	23.00
		1	14	22.19	22.01	21.92	23.00
		8	0	20.86	20.75	20.76	22.00
		8	4	20.91	20.56	20.68	22.00
		8	7	20.71	20.79	20.54	22.00
		15	0	20.89	20.98	20.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	23.81	23.52	23.38	25.00
		1	12	23.74	23.71	23.64	25.00
		1	24	23.68	23.59	23.46	25.00
		12	0	22.68	22.86	22.65	24.00
		12	7	22.78	22.80	22.60	24.00
		12	13	22.68	22.64	22.44	24.00
		25	0	22.89	22.74	22.71	24.00
	16QAM	1	0	22.57	22.91	22.82	24.00
		1	12	22.68	23.16	22.84	24.00
		1	24	22.51	22.96	22.68	24.00
		12	0	21.62	21.78	21.70	23.00
		12	7	21.74	21.86	21.48	23.00
		12	13	21.63	21.84	21.54	23.00
		25	0	21.76	21.80	21.68	23.00

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	64QAM	1	0	22.18	22.24	21.88	23.00
		1	12	22.30	22.31	22.12	23.00
		1	24	22.22	22.10	22.18	23.00
		12	0	20.75	20.67	20.56	22.00
		12	7	20.75	20.70	20.78	22.00
		12	13	20.66	20.77	20.71	22.00
		25	0	20.80	20.99	20.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26750/820	26865/831.5	26990/844	
10MHz	QPSK	1	0	23.94	23.77	23.42	25.00
		1	25	**23.91**	23.69	**23.60**	25.00
		1	49	23.77	23.64	23.32	25.00
		25	0	22.68	22.74	22.62	24.00
		25	12	22.78	22.59	22.56	24.00
		25	25	22.80	22.85	22.52	24.00
		50	0	22.72	22.70	22.59	24.00
	16QAM	1	0	22.76	23.02	23.04	24.00
		1	25	22.58	23.03	22.77	24.00
		1	49	22.59	22.98	22.90	24.00
		25	0	21.66	21.65	21.51	23.00
		25	12	21.91	21.86	21.67	23.00
		25	25	21.85	21.71	21.67	23.00
		50	0	21.62	21.69	21.58	23.00
	64QAM	1	0	22.11	22.27	21.92	23.00
		1	25	22.04	22.22	22.16	23.00
		1	49	22.33	22.12	22.13	23.00
		25	0	20.69	20.54	20.65	22.00
		25	12	21.04	20.49	20.61	22.00
		25	25	20.54	20.90	20.70	22.00
		50	0	20.87	20.70	20.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	23.82	23.67	23.50	25.00
		1	37	23.79	23.79	23.51	25.00
		1	74	23.73	23.65	23.46	25.00
		36	0	22.77	22.72	22.58	24.00
		36	20	22.78	22.72	22.60	24.00
		36	39	22.72	22.71	22.52	24.00
		75	0	22.75	22.72	22.58	24.00
	16QAM	1	0	22.65	23.03	22.89	24.00
		1	37	22.66	23.14	22.86	24.00
		1	74	22.61	23.03	22.83	24.00
		36	0	21.75	21.77	21.56	23.00

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		36	20	21.78	21.85	21.58	23.00
		36	39	21.75	21.78	21.52	23.00
		75	0	21.77	21.77	21.54	23.00
	64QAM	1	0	22.18	22.14	21.93	23.00
		1	37	22.16	22.30	22.15	23.00
		1	74	22.32	22.06	22.03	23.00
		36	0	20.73	20.60	20.64	22.00
		36	20	20.89	20.60	20.66	22.00
		36	39	20.65	20.78	20.64	22.00
		75	0	20.82	20.84	20.47	22.00

LTE FDD Band 26 LTE B26-Level 4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				26697/814.7	26865/831.5	27033/848.3	
1.4MHz	QPSK	1	0	23.77	23.64	23.50	25.00
		1	3	23.81	24.01	23.61	25.00
		1	5	23.58	23.58	23.39	25.00
		3	0	23.80	23.67	23.32	25.00
		3	1	23.66	23.76	23.60	25.00
		3	3	23.72	23.74	23.40	25.00
		6	0	22.59	22.87	22.35	24.00
	16QAM	1	0	22.78	22.94	22.72	24.00
		1	3	22.77	23.23	22.98	24.00
		1	5	22.71	22.94	22.92	24.00
		3	0	22.78	23.01	22.93	24.00
		3	1	22.68	23.36	23.03	24.00
		3	3	22.70	23.13	22.91	24.00
		6	0	21.63	21.77	21.65	23.00
	64QAM	1	0	22.11	22.22	21.84	23.00
		1	3	22.25	22.47	22.08	23.00
		1	5	22.08	21.98	21.96	23.00
		3	0	22.09	22.03	21.84	23.00
		3	1	22.11	22.55	22.31	23.00
		3	3	22.18	22.00	21.88	23.00
		6	0	20.95	21.08	20.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	23.68	23.62	23.42	25.00
		1	8	23.69	23.90	23.61	25.00
		1	14	23.58	23.67	23.38	25.00
		8	0	22.72	22.70	22.53	24.00
		8	4	22.90	22.73	22.57	24.00

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		8	7	22.73	22.74	22.50	24.00
		15	0	22.65	22.82	22.43	24.00
	16QAM	1	0	22.73	22.95	22.84	24.00
		1	8	22.77	23.28	22.96	24.00
		1	14	22.61	23.07	22.95	24.00
		8	0	21.72	21.79	21.46	23.00
		8	4	21.79	21.91	21.48	23.00
		8	7	21.75	21.68	21.64	23.00
		15	0	21.64	21.78	21.59	23.00
	64QAM	1	0	22.17	22.10	21.79	23.00
		1	8	22.13	22.42	22.20	23.00
		1	14	22.19	22.01	21.92	23.00
		8	0	20.86	20.75	20.76	22.00
		8	4	20.91	20.56	20.68	22.00
		8	7	20.71	20.79	20.54	22.00
		15	0	20.89	20.98	20.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	23.81	23.52	23.38	25.00
		1	12	23.74	23.71	23.64	25.00
		1	24	23.68	23.59	23.46	25.00
		12	0	22.68	22.86	22.65	24.00
		12	7	22.78	22.80	22.60	24.00
		12	13	22.68	22.64	22.44	24.00
		25	0	22.89	22.74	22.71	24.00
	16QAM	1	0	22.57	22.91	22.82	24.00
		1	12	22.68	23.16	22.84	24.00
		1	24	22.51	22.96	22.68	24.00
		12	0	21.62	21.78	21.70	23.00
		12	7	21.74	21.86	21.48	23.00
		12	13	21.63	21.84	21.54	23.00
		25	0	21.76	21.80	21.68	23.00
	64QAM	1	0	22.18	22.24	21.88	23.00
		1	12	22.30	22.31	22.12	23.00
		1	24	22.22	22.10	22.18	23.00
		12	0	20.75	20.67	20.56	22.00
		12	7	20.75	20.70	20.78	22.00
		12	13	20.66	20.77	20.71	22.00
		25	0	20.80	20.99	20.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26750/820	26865/831.5	26990/844	
10MHz	QPSK	1	0	23.94	23.77	23.42	25.00
		1	25	**23.91**	23.69	**23.60**	25.00

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		1	49	23.77	23.64	23.32	25.00
		25	0	22.68	22.74	22.62	24.00
		25	12	22.78	22.59	22.56	24.00
		25	25	22.80	22.85	22.52	24.00
		50	0	22.72	22.70	22.59	24.00
	16QAM	1	0	22.76	23.02	23.04	24.00
		1	25	22.58	23.03	22.77	24.00
		1	49	22.59	22.98	22.90	24.00
		25	0	21.66	21.65	21.51	23.00
		25	12	21.91	21.86	21.67	23.00
		25	25	21.85	21.71	21.67	23.00
		50	0	21.62	21.69	21.58	23.00
	64QAM	1	0	22.11	22.27	21.92	23.00
		1	25	22.04	22.22	22.16	23.00
		1	49	22.33	22.12	22.13	23.00
		25	0	20.69	20.54	20.65	22.00
		25	12	21.04	20.49	20.61	22.00
		25	25	20.54	20.90	20.70	22.00
		50	0	20.87	20.70	20.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	23.82	23.67	23.50	25.00
		1	37	23.79	23.79	23.51	25.00
		1	74	23.73	23.65	23.46	25.00
		36	0	22.77	22.72	22.58	24.00
		36	20	22.78	22.72	22.60	24.00
		36	39	22.72	22.71	22.52	24.00
		75	0	22.75	22.72	22.58	24.00
	16QAM	1	0	22.65	23.03	22.89	24.00
		1	37	22.66	23.14	22.86	24.00
		1	74	22.61	23.03	22.83	24.00
		36	0	21.75	21.77	21.56	23.00
		36	20	21.78	21.85	21.58	23.00
		36	39	21.75	21.78	21.52	23.00
		75	0	21.77	21.77	21.54	23.00
	64QAM	1	0	22.18	22.14	21.93	23.00
		1	37	22.16	22.30	22.15	23.00
		1	74	22.32	22.06	22.03	23.00
		36	0	20.73	20.60	20.64	22.00
		36	20	20.89	20.60	20.66	22.00
		36	39	20.65	20.78	20.64	22.00
		75	0	20.82	20.84	20.47	22.00

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LTE TDD Band 38 LTE B38-Normal				Conducted Power(dBm)			Tune-up Limit
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				37775/2572.5	38000/2595	38225/2617.5	
5MHz	QPSK	1	0	23.42	23.34	23.31	24.50
		1	12	23.46	23.43	23.24	24.50
		1	24	23.19	23.29	23.27	24.50
		12	0	22.46	22.20	22.24	23.50
		12	7	22.45	22.47	22.12	23.50
		12	13	22.59	22.25	22.04	23.50
		25	0	22.43	22.17	22.25	23.50
	16QAM	1	0	22.65	22.42	22.71	24.00
		1	12	22.88	22.63	22.46	24.00
		1	24	22.65	22.49	22.49	24.00
		12	0	21.37	21.29	21.05	23.00
		12	7	21.27	21.29	21.12	23.00
		12	13	21.32	21.39	21.06	23.00
		25	0	21.36	21.36	21.11	23.00
	64QAM	1	0	21.30	21.42	21.27	22.50
		1	12	21.35	21.31	21.26	22.50
		1	24	21.25	21.13	20.91	22.50
		12	0	20.54	20.18	20.16	21.50
		12	7	20.49	20.26	20.12	21.50
		12	13	20.39	20.17	20.01	21.50
		25	0	20.40	20.39	20.34	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37800/2575	38000/2595	38200/2615	
10MHz	QPSK	1	0	23.32	23.28	23.10	24.50
		1	25	23.37	23.32	23.42	24.50
		1	49	23.34	23.31	23.14	24.50
		25	0	22.34	22.25	22.06	23.50
		25	12	22.53	22.24	22.26	23.50
		25	25	22.42	22.40	22.09	23.50
		50	0	22.32	22.15	22.05	23.50
	16QAM	1	0	22.47	22.45	22.52	24.00
		1	25	22.79	22.54	22.70	24.00
		1	49	22.62	22.31	22.48	24.00
		25	0	21.26	21.30	21.13	23.00
		25	12	21.36	21.38	21.36	23.00
		25	25	21.50	21.21	21.17	23.00
		50	0	21.28	21.29	21.11	23.00
	64QAM	1	0	21.21	21.22	21.15	22.50

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		1	25	21.44	21.37	21.18	22.50
		1	49	21.31	20.96	21.03	22.50
		25	0	20.49	20.35	20.18	21.50
		25	12	20.45	20.30	20.25	21.50
		25	25	20.44	20.32	20.13	21.50
		50	0	20.26	20.23	20.23	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37825/2577.5	38000/2595	38175/2612.5	
15MHz	QPSK	1	0	23.18	23.23	23.35	24.50
		1	37	23.56	23.38	23.39	24.50
		1	74	23.23	23.24	23.27	24.50
		36	0	22.44	22.21	22.20	23.50
		36	20	22.52	22.20	22.16	23.50
		36	39	22.44	22.18	22.16	23.50
		75	0	22.25	22.33	22.11	23.50
	16QAM	1	0	22.72	22.42	22.44	24.00
		1	37	22.64	22.65	22.57	24.00
		1	74	22.66	22.44	22.46	24.00
		36	0	21.17	21.16	21.25	23.00
		36	20	21.30	21.33	21.24	23.00
		36	39	21.30	21.29	21.12	23.00
		75	0	21.30	21.43	21.15	23.00
	64QAM	1	0	21.22	21.24	21.11	22.50
		1	37	21.37	21.24	21.32	22.50
		1	74	21.21	21.16	20.93	22.50
		36	0	20.60	20.31	20.32	21.50
		36	20	20.39	20.39	20.27	21.50
		36	39	20.29	20.25	20.00	21.50
		75	0	20.40	20.37	20.28	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37850/2580	38000/2595	38150/2610	
20MHz	QPSK	1	0	23.29	23.26	23.24	24.50
		1	49	23.41	23.39	**23.29**	24.50
		1	99	23.31	23.20	23.18	24.50
		50	0	22.34	22.31	22.13	23.50
		50	24	22.39	22.34	22.18	23.50
		50	50	22.44	22.31	22.13	23.50
		100	0	22.37	22.30	22.11	23.50
	16QAM	1	0	22.59	22.43	22.59	24.00
		1	49	22.76	22.53	22.61	24.00
		1	99	22.64	22.41	22.57	24.00
		50	0	21.27	21.26	21.18	23.00
		50	24	21.36	21.33	21.22	23.00

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		50	50	21.37	21.27	21.16	23.00
		100	0	21.30	21.28	21.05	23.00
	64QAM	1	0	21.20	21.33	21.16	22.50
		1	49	21.31	21.35	21.28	22.50
		1	99	21.22	21.06	21.04	22.50
		50	0	20.48	20.32	20.27	21.50
		50	24	20.36	20.36	20.20	21.50
		50	50	20.42	20.29	20.08	21.50
		100	0	20.40	20.26	20.26	21.50

LTE TDD Band 38 LTE B38-Level 1				Conducted Power(dBm)			Tune-up Limit
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				37775/2572.5	38000/2595	38225/2617.5	
5MHz	QPSK	1	0	23.42	23.34	23.31	24.50
		1	12	23.46	23.43	23.24	24.50
		1	24	23.19	23.29	23.27	24.50
		12	0	22.46	22.20	22.24	23.50
		12	7	22.45	22.47	22.12	23.50
		12	13	22.59	22.25	22.04	23.50
		25	0	22.43	22.17	22.25	23.50
	16QAM	1	0	22.65	22.42	22.71	24.00
		1	12	22.88	22.63	22.46	24.00
		1	24	22.65	22.49	22.49	24.00
		12	0	21.37	21.29	21.05	23.00
		12	7	21.27	21.29	21.12	23.00
		12	13	21.32	21.39	21.06	23.00
		25	0	21.36	21.36	21.11	23.00
	64QAM	1	0	21.30	21.42	21.27	22.50
		1	12	21.35	21.31	21.26	22.50
		1	24	21.25	21.13	20.91	22.50
		12	0	20.54	20.18	20.16	21.50
		12	7	20.49	20.26	20.12	21.50
		12	13	20.39	20.17	20.01	21.50
		25	0	20.40	20.39	20.34	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37800/2575	38000/2595	38200/2615	
10MHz	QPSK	1	0	23.32	23.28	23.10	24.50
		1	25	23.37	23.32	23.42	24.50
		1	49	23.34	23.31	23.14	24.50
		25	0	22.34	22.25	22.06	23.50
		25	12	22.53	22.24	22.26	23.50
		25	25	22.42	22.40	22.09	23.50

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		50	0	22.32	22.15	22.05	23.50
	16QAM	1	0	22.47	22.45	22.52	24.00
		1	25	22.79	22.54	22.70	24.00
		1	49	22.62	22.31	22.48	24.00
		25	0	21.26	21.30	21.13	23.00
		25	12	21.36	21.38	21.36	23.00
		25	25	21.50	21.21	21.17	23.00
		50	0	21.28	21.29	21.11	23.00
	64QAM	1	0	21.21	21.22	21.15	22.50
		1	25	21.44	21.37	21.18	22.50
		1	49	21.31	20.96	21.03	22.50
		25	0	20.49	20.35	20.18	21.50
		25	12	20.45	20.30	20.25	21.50
		25	25	20.44	20.32	20.13	21.50
		50	0	20.26	20.23	20.23	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37825/2577.5	38000/2595	38175/2612.5	
15MHz	QPSK	1	0	23.18	23.23	23.35	24.50
		1	37	23.56	23.38	23.39	24.50
		1	74	23.23	23.24	23.27	24.50
		36	0	22.44	22.21	22.20	23.50
		36	20	22.52	22.20	22.16	23.50
		36	39	22.44	22.18	22.16	23.50
		75	0	22.25	22.33	22.11	23.50
	16QAM	1	0	22.72	22.42	22.44	24.00
		1	37	22.64	22.65	22.57	24.00
		1	74	22.66	22.44	22.46	24.00
		36	0	21.17	21.16	21.25	23.00
		36	20	21.30	21.33	21.24	23.00
		36	39	21.30	21.29	21.12	23.00
		75	0	21.30	21.43	21.15	23.00
	64QAM	1	0	21.22	21.24	21.11	22.50
		1	37	21.37	21.24	21.32	22.50
		1	74	21.21	21.16	20.93	22.50
		36	0	20.60	20.31	20.32	21.50
		36	20	20.39	20.39	20.27	21.50
		36	39	20.29	20.25	20.00	21.50
		75	0	20.40	20.37	20.28	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37850/2580	38000/2595	38150/2610	
20MHz	QPSK	1	0	23.29	23.26	23.24	24.50
		1	49	23.41	23.39	**23.29**	24.50
		1	99	23.31	23.20	23.18	24.50

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		50	0	22.34	22.31	22.13	23.50
		50	24	22.39	22.34	22.18	23.50
		50	50	22.44	22.31	22.13	23.50
		100	0	22.37	22.30	22.11	23.50
	16QAM	1	0	22.59	22.43	22.59	24.00
		1	49	22.76	22.53	22.61	24.00
		1	99	22.64	22.41	22.57	24.00
		50	0	21.27	21.26	21.18	23.00
		50	24	21.36	21.33	21.22	23.00
		50	50	21.37	21.27	21.16	23.00
		100	0	21.30	21.28	21.05	23.00
	64QAM	1	0	21.20	21.33	21.16	22.50
		1	49	21.31	21.35	21.28	22.50
		1	99	21.22	21.06	21.04	22.50
		50	0	20.48	20.32	20.27	21.50
		50	24	20.36	20.36	20.20	21.50
		50	50	20.42	20.29	20.08	21.50
		100	0	20.40	20.26	20.26	21.50

LTE TDD Band 38 LTE B38-Level 2&3				Conducted Power(dBm)			Tune-up Limit
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				37775/2572.5	38000/2595	38225/2617.5	
5MHz	QPSK	1	0	23.42	23.34	23.31	24.50
		1	12	23.46	23.43	23.24	24.50
		1	24	23.19	23.29	23.27	24.50
		12	0	22.46	22.20	22.24	23.50
		12	7	22.45	22.47	22.12	23.50
		12	13	22.59	22.25	22.04	23.50
		25	0	22.43	22.17	22.25	23.50
	16QAM	1	0	22.65	22.42	22.71	24.00
		1	12	22.88	22.63	22.46	24.00
		1	24	22.65	22.49	22.49	24.00
		12	0	21.37	21.29	21.05	23.00
		12	7	21.27	21.29	21.12	23.00
		12	13	21.32	21.39	21.06	23.00
		25	0	21.36	21.36	21.11	23.00
	64QAM	1	0	21.30	21.42	21.27	22.50
		1	12	21.35	21.31	21.26	22.50
		1	24	21.25	21.13	20.91	22.50
		12	0	20.54	20.18	20.16	21.50
		12	7	20.49	20.26	20.12	21.50
		12	13	20.39	20.17	20.01	21.50

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		25	0	20.40	20.39	20.34	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37800/2575	38000/2595	38200/2615	
10MHz	QPSK	1	0	23.32	23.28	23.10	24.50
		1	25	23.37	23.32	23.42	24.50
		1	49	23.34	23.31	23.14	24.50
		25	0	22.34	22.25	22.06	23.50
		25	12	22.53	22.24	22.26	23.50
		25	25	22.42	22.40	22.09	23.50
		50	0	22.32	22.15	22.05	23.50
	16QAM	1	0	22.47	22.45	22.52	24.00
		1	25	22.79	22.54	22.70	24.00
		1	49	22.62	22.31	22.48	24.00
		25	0	21.26	21.30	21.13	23.00
		25	12	21.36	21.38	21.36	23.00
		25	25	21.50	21.21	21.17	23.00
		50	0	21.28	21.29	21.11	23.00
	64QAM	1	0	21.21	21.22	21.15	22.50
		1	25	21.44	21.37	21.18	22.50
		1	49	21.31	20.96	21.03	22.50
		25	0	20.49	20.35	20.18	21.50
		25	12	20.45	20.30	20.25	21.50
		25	25	20.44	20.32	20.13	21.50
		50	0	20.26	20.23	20.23	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37825/2577.5	38000/2595	38175/2612.5	
15MHz	QPSK	1	0	23.18	23.23	23.35	24.50
		1	37	23.56	23.38	23.39	24.50
		1	74	23.23	23.24	23.27	24.50
		36	0	22.44	22.21	22.20	23.50
		36	20	22.52	22.20	22.16	23.50
		36	39	22.44	22.18	22.16	23.50
		75	0	22.25	22.33	22.11	23.50
	16QAM	1	0	22.72	22.42	22.44	24.00
		1	37	22.64	22.65	22.57	24.00
		1	74	22.66	22.44	22.46	24.00
		36	0	21.17	21.16	21.25	23.00
		36	20	21.30	21.33	21.24	23.00
		36	39	21.30	21.29	21.12	23.00
		75	0	21.30	21.43	21.15	23.00
	64QAM	1	0	21.22	21.24	21.11	22.50
		1	37	21.37	21.24	21.32	22.50
		1	74	21.21	21.16	20.93	22.50

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		36	0	20.60	20.31	20.32	21.50
		36	20	20.39	20.39	20.27	21.50
		36	39	20.29	20.25	20.00	21.50
		75	0	20.40	20.37	20.28	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37850/2580	38000/2595	38150/2610	
20MHz	QPSK	1	0	23.29	23.26	23.24	24.50
		1	49	23.41	23.39	**23.29**	24.50
		1	99	23.31	23.20	23.18	24.50
		50	0	22.34	22.31	22.13	23.50
		50	24	22.39	22.34	22.18	23.50
		50	50	22.44	22.31	22.13	23.50
		100	0	22.37	22.30	22.11	23.50
	16QAM	1	0	22.59	22.43	22.59	24.00
		1	49	22.76	22.53	22.61	24.00
		1	99	22.64	22.41	22.57	24.00
		50	0	21.27	21.26	21.18	23.00
		50	24	21.36	21.33	21.22	23.00
		50	50	21.37	21.27	21.16	23.00
		100	0	21.30	21.28	21.05	23.00
	64QAM	1	0	21.20	21.33	21.16	22.50
		1	49	21.31	21.35	21.28	22.50
		1	99	21.22	21.06	21.04	22.50
		50	0	20.48	20.32	20.27	21.50
		50	24	20.36	20.36	20.20	21.50
		50	50	20.42	20.29	20.08	21.50
		100	0	20.40	20.26	20.26	21.50

LTE TDD Band 38 LTE B38-Level 4&5&6				Conducted Power(dBm)			Tune-up Limit
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				37775/2572.5	38000/2595	38225/2617.5	
5MHz	QPSK	1	0	23.42	23.34	23.31	24.50
		1	12	23.46	23.43	23.24	24.50
		1	24	23.19	23.29	23.27	24.50
		12	0	22.46	22.20	22.24	23.50
		12	7	22.45	22.47	22.12	23.50
		12	13	22.59	22.25	22.04	23.50
		25	0	22.43	22.17	22.25	23.50
	16QAM	1	0	22.65	22.42	22.71	24.00
		1	12	22.88	22.63	22.46	24.00
		1	24	22.65	22.49	22.49	24.00
		12	0	21.37	21.29	21.05	23.00

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		12	7	21.27	21.29	21.12	23.00
		12	13	21.32	21.39	21.06	23.00
		25	0	21.36	21.36	21.11	23.00
	64QAM	1	0	21.30	21.42	21.27	22.50
		1	12	21.35	21.31	21.26	22.50
		1	24	21.25	21.13	20.91	22.50
		12	0	20.54	20.18	20.16	21.50
		12	7	20.49	20.26	20.12	21.50
		12	13	20.39	20.17	20.01	21.50
		25	0	20.40	20.39	20.34	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37800/2575	38000/2595	38200/2615	
10MHz	QPSK	1	0	23.32	23.28	23.10	24.50
		1	25	23.37	23.32	23.42	24.50
		1	49	23.34	23.31	23.14	24.50
		25	0	22.34	22.25	22.06	23.50
		25	12	22.53	22.24	22.26	23.50
		25	25	22.42	22.40	22.09	23.50
		50	0	22.32	22.15	22.05	23.50
	16QAM	1	0	22.47	22.45	22.52	24.00
		1	25	22.79	22.54	22.70	24.00
		1	49	22.62	22.31	22.48	24.00
		25	0	21.26	21.30	21.13	23.00
		25	12	21.36	21.38	21.36	23.00
		25	25	21.50	21.21	21.17	23.00
		50	0	21.28	21.29	21.11	23.00
	64QAM	1	0	21.21	21.22	21.15	22.50
		1	25	21.44	21.37	21.18	22.50
		1	49	21.31	20.96	21.03	22.50
		25	0	20.49	20.35	20.18	21.50
		25	12	20.45	20.30	20.25	21.50
		25	25	20.44	20.32	20.13	21.50
		50	0	20.26	20.23	20.23	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37825/2577.5	38000/2595	38175/2612.5	
15MHz	QPSK	1	0	23.18	23.23	23.35	24.50
		1	37	23.56	23.38	23.39	24.50
		1	74	23.23	23.24	23.27	24.50
		36	0	22.44	22.21	22.20	23.50
		36	20	22.52	22.20	22.16	23.50
		36	39	22.44	22.18	22.16	23.50
		75	0	22.25	22.33	22.11	23.50
	16QAM	1	0	22.72	22.42	22.44	24.00

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		1	37	22.64	22.65	22.57	24.00
		1	74	22.66	22.44	22.46	24.00
		36	0	21.17	21.16	21.25	23.00
		36	20	21.30	21.33	21.24	23.00
		36	39	21.30	21.29	21.12	23.00
		75	0	21.30	21.43	21.15	23.00
	64QAM	1	0	21.22	21.24	21.11	22.50
		1	37	21.37	21.24	21.32	22.50
		1	74	21.21	21.16	20.93	22.50
		36	0	20.60	20.31	20.32	21.50
		36	20	20.39	20.39	20.27	21.50
		36	39	20.29	20.25	20.00	21.50
		75	0	20.40	20.37	20.28	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37850/2580	38000/2595	38150/2610	
20MHz	QPSK	1	0	23.29	23.26	23.24	24.50
		1	49	23.41	23.39	**23.29**	24.50
		1	99	23.31	23.20	23.18	24.50
		50	0	22.34	22.31	22.13	23.50
		50	24	22.39	22.34	22.18	23.50
		50	50	22.44	22.31	22.13	23.50
		100	0	22.37	22.30	22.11	23.50
	16QAM	1	0	22.59	22.43	22.59	24.00
		1	49	22.76	22.53	22.61	24.00
		1	99	22.64	22.41	22.57	24.00
		50	0	21.27	21.26	21.18	23.00
		50	24	21.36	21.33	21.22	23.00
		50	50	21.37	21.27	21.16	23.00
		100	0	21.30	21.28	21.05	23.00
	64QAM	1	0	21.20	21.33	21.16	22.50
		1	49	21.31	21.35	21.28	22.50
		1	99	21.22	21.06	21.04	22.50
		50	0	20.48	20.32	20.27	21.50
		50	24	20.36	20.36	20.20	21.50
		50	50	20.42	20.29	20.08	21.50
		100	0	20.40	20.26	20.26	21.50

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LTE TDD Band 41 LTE B41-Normal				Conducted Power(dBm)					Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel					
				39675	40110	40620	41130	41565	
5MHz	QPSK	1	0	23.09	22.87	23.02	23.08	23.08	24.50
		1	12	23.36	23.35	23.25	23.35	23.08	24.50
		1	24	23.16	23.20	23.19	23.12	23.26	24.50
		12	0	22.12	22.26	22.26	22.23	22.02	23.50
		12	7	22.30	22.00	22.11	22.18	22.07	23.50
		12	13	22.35	22.38	22.38	22.31	22.31	23.50
		25	0	22.17	22.22	22.31	22.25	22.19	23.50
	16QAM	1	0	22.73	22.19	22.24	22.39	22.38	24.00
		1	12	22.46	22.41	22.31	22.37	22.58	24.00
		1	24	22.42	22.45	22.30	22.21	22.54	24.00
		12	0	21.06	21.08	21.04	21.09	21.19	23.00
		12	7	21.37	21.13	21.14	21.14	21.10	23.00
		12	13	21.33	21.21	21.29	21.17	21.26	23.00
		25	0	21.18	21.07	21.22	21.13	21.19	23.00
	64QAM	1	0	21.43	21.23	21.15	21.30	20.95	22.50
		1	12	21.54	21.30	21.22	21.13	21.24	22.50
		1	24	21.43	21.00	21.07	21.13	21.24	22.50
		12	0	20.39	19.93	20.07	19.94	20.33	21.50
		12	7	20.26	20.50	20.46	20.57	20.14	21.50
		12	13	20.06	20.00	20.06	20.12	20.10	21.50
		25	0	20.08	20.09	19.94	20.03	20.15	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39700	40135	40620	41105	41540	
10MHz	QPSK	1	0	23.31	23.11	23.28	23.10	22.94	24.50
		1	25	23.35	23.40	23.12	23.14	23.23	24.50
		1	49	23.30	23.07	22.97	23.11	23.19	24.50
		25	0	22.15	22.28	22.19	22.31	22.00	23.50
		25	12	22.41	21.97	22.37	22.03	21.99	23.50
		25	25	22.16	22.41	22.17	22.34	22.12	23.50
		50	0	22.33	22.31	22.32	22.23	22.08	23.50
	16QAM	1	0	22.67	22.24	22.48	22.37	22.50	24.00
		1	25	22.57	22.20	22.46	22.29	22.44	24.00
		1	49	22.43	22.20	22.21	22.21	22.39	24.00
		25	0	21.14	21.02	21.18	21.04	21.06	23.00
		25	12	21.20	21.07	21.28	21.02	21.07	23.00
		25	25	21.27	21.15	21.25	21.41	21.29	23.00
		50	0	21.35	21.10	21.33	21.31	21.09	23.00
	64QAM	1	0	21.21	21.06	21.15	21.21	21.06	22.50

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		1	25	21.38	21.07	20.96	21.36	21.28	22.50
		1	49	21.39	20.95	21.05	21.06	21.22	22.50
		25	0	20.39	20.11	20.02	20.04	20.09	21.50
		25	12	20.07	20.54	20.42	20.59	20.02	21.50
		25	25	20.12	20.00	20.12	19.94	20.27	21.50
		50	0	20.31	20.07	20.18	20.04	20.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39725	40160	40620	41080	41515	
15MHz	QPSK	1	0	23.09	23.10	23.18	22.99	22.94	24.50
		1	37	23.27	23.33	23.37	23.10	23.32	24.50
		1	74	23.28	23.28	22.99	23.28	23.30	24.50
		36	0	22.19	22.12	22.20	22.38	22.05	23.50
		36	20	22.13	22.02	22.34	22.11	22.02	23.50
		36	39	22.18	22.46	22.25	22.24	22.07	23.50
		75	0	22.38	22.45	22.13	22.21	21.99	23.50
	16QAM	1	0	22.52	22.14	22.20	22.30	22.31	24.00
		1	37	22.74	22.16	22.42	22.35	22.51	24.00
		1	74	22.55	22.34	22.24	22.15	22.43	24.00
		36	0	21.28	21.16	21.13	21.13	21.24	23.00
		36	20	21.34	21.19	21.25	21.26	21.07	23.00
		36	39	21.35	21.30	21.18	21.36	21.19	23.00
		75	0	21.12	21.08	21.33	21.13	21.02	23.00
	64QAM	1	0	21.38	21.26	21.16	21.08	21.13	22.50
		1	37	21.40	21.29	21.07	21.19	21.27	22.50
		1	74	21.34	21.02	21.14	20.94	21.15	22.50
		36	0	20.31	20.06	20.09	20.08	20.37	21.50
		36	20	20.06	20.39	20.36	20.39	20.06	21.50
		36	39	20.25	20.13	20.21	19.93	20.12	21.50
		75	0	20.16	19.92	19.91	19.97	19.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.24	22.95	23.13	23.11	23.08	24.50
		1	49	23.28	**23.15**	**23.26**	**23.18**	**23.23**	24.50
		1	99	23.25	23.05	23.09	23.12	23.19	24.50
		50	0	22.21	22.19	22.18	22.12	22.09	23.50
		50	24	22.27	22.26	22.25	22.18	22.08	23.50
		50	50	22.27	22.24	22.24	22.21	22.16	23.50
		100	0	22.24	22.32	22.17	22.16	22.07	23.50
	16QAM	1	0	22.59	22.10	22.33	22.22	22.40	24.00
		1	49	22.59	22.34	22.45	22.30	22.55	24.00
		1	99	22.57	22.29	22.32	22.27	22.51	24.00
		50	0	21.17	21.12	21.18	21.04	21.09	23.00
		50	24	21.24	21.26	21.25	21.03	21.14	23.00

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		50	50	21.25	21.27	21.25	21.15	21.17	23.00
		100	0	21.23	21.19	21.18	21.20	21.04	23.00
	64QAM	1	0	21.31	21.09	21.10	21.06	21.01	22.50
		1	49	21.42	21.33	21.11	21.09	21.24	22.50
		1	99	21.37	21.15	21.01	21.12	21.27	22.50
		50	0	20.30	19.98	20.10	20.13	20.23	21.50
		50	24	20.17	20.43	20.37	20.38	20.04	21.50
		50	50	20.19	20.10	20.13	19.94	20.19	21.50
		100	0	20.20	19.95	20.04	19.91	20.05	21.50

LTE TDD Band 41 LTE B41-Level 1				Conducted Power(dBm)					Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel					
				39675	40110	40620	41130	41565	
5MHz	QPSK	1	0	23.09	22.87	23.02	23.08	23.08	24.50
		1	12	23.36	23.35	23.25	23.35	23.08	24.50
		1	24	23.16	23.20	23.19	23.12	23.26	24.50
		12	0	22.12	22.26	22.26	22.23	22.02	23.50
		12	7	22.30	22.00	22.11	22.18	22.07	23.50
		12	13	22.35	22.38	22.38	22.31	22.31	23.50
		25	0	22.17	22.22	22.31	22.25	22.19	23.50
	16QAM	1	0	22.73	22.19	22.24	22.39	22.38	24.00
		1	12	22.46	22.41	22.31	22.37	22.58	24.00
		1	24	22.42	22.45	22.30	22.21	22.54	24.00
		12	0	21.06	21.08	21.04	21.09	21.19	23.00
		12	7	21.37	21.13	21.14	21.14	21.10	23.00
		12	13	21.33	21.21	21.29	21.17	21.26	23.00
		25	0	21.18	21.07	21.22	21.13	21.19	23.00
	64QAM	1	0	21.43	21.23	21.15	21.30	20.95	22.50
		1	12	21.54	21.30	21.22	21.13	21.24	22.50
		1	24	21.43	21.00	21.07	21.13	21.24	22.50
		12	0	20.39	19.93	20.07	19.94	20.33	21.50
		12	7	20.26	20.50	20.46	20.57	20.14	21.50
		12	13	20.06	20.00	20.06	20.12	20.10	21.50
		25	0	20.08	20.09	19.94	20.03	20.15	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39700	40135	40620	41105	41540	
10MHz	QPSK	1	0	23.31	23.11	23.28	23.10	22.94	24.50
		1	25	23.35	23.40	23.12	23.14	23.23	24.50
		1	49	23.30	23.07	22.97	23.11	23.19	24.50
		25	0	22.15	22.28	22.19	22.31	22.00	23.50
		25	12	22.41	21.97	22.37	22.03	21.99	23.50
		25	25	22.16	22.41	22.17	22.34	22.12	23.50

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		50	0	22.33	22.31	22.32	22.23	22.08	23.50
	16QAM	1	0	22.67	22.24	22.48	22.37	22.50	24.00
		1	25	22.57	22.20	22.46	22.29	22.44	24.00
		1	49	22.43	22.20	22.21	22.21	22.39	24.00
		25	0	21.14	21.02	21.18	21.04	21.06	23.00
		25	12	21.20	21.07	21.28	21.02	21.07	23.00
		25	25	21.27	21.15	21.25	21.41	21.29	23.00
		50	0	21.35	21.10	21.33	21.31	21.09	23.00
	64QAM	1	0	21.21	21.06	21.15	21.21	21.06	22.50
		1	25	21.38	21.07	20.96	21.36	21.28	22.50
		1	49	21.39	20.95	21.05	21.06	21.22	22.50
		25	0	20.39	20.11	20.02	20.04	20.09	21.50
		25	12	20.07	20.54	20.42	20.59	20.02	21.50
		25	25	20.12	20.00	20.12	19.94	20.27	21.50
		50	0	20.31	20.07	20.18	20.04	20.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39725	40160	40620	41080	41515	
15MHz	QPSK	1	0	23.09	23.10	23.18	22.99	22.94	24.50
		1	37	23.27	23.33	23.37	23.10	23.32	24.50
		1	74	23.28	23.28	22.99	23.28	23.30	24.50
		36	0	22.19	22.12	22.20	22.38	22.05	23.50
		36	20	22.13	22.02	22.34	22.11	22.02	23.50
		36	39	22.18	22.46	22.25	22.24	22.07	23.50
		75	0	22.38	22.45	22.13	22.21	21.99	23.50
	16QAM	1	0	22.52	22.14	22.20	22.30	22.31	24.00
		1	37	22.74	22.16	22.42	22.35	22.51	24.00
		1	74	22.55	22.34	22.24	22.15	22.43	24.00
		36	0	21.28	21.16	21.13	21.13	21.24	23.00
		36	20	21.34	21.19	21.25	21.26	21.07	23.00
		36	39	21.35	21.30	21.18	21.36	21.19	23.00
		75	0	21.12	21.08	21.33	21.13	21.02	23.00
	64QAM	1	0	21.38	21.26	21.16	21.08	21.13	22.50
		1	37	21.40	21.29	21.07	21.19	21.27	22.50
		1	74	21.34	21.02	21.14	20.94	21.15	22.50
		36	0	20.31	20.06	20.09	20.08	20.37	21.50
		36	20	20.06	20.39	20.36	20.39	20.06	21.50
		36	39	20.25	20.13	20.21	19.93	20.12	21.50
		75	0	20.16	19.92	19.91	19.97	19.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.24	22.95	23.13	23.11	23.08	24.50
		1	49	23.28	**23.15**	**23.26**	**23.18**	**23.23**	24.50
		1	99	23.25	23.05	23.09	23.12	23.19	24.50

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		50	0	22.21	22.19	22.18	22.12	22.09	23.50
		50	24	22.27	22.26	22.25	22.18	22.08	23.50
		50	50	22.27	22.24	22.24	22.21	22.16	23.50
		100	0	22.24	22.32	22.17	22.16	22.07	23.50
	16QAM	1	0	22.59	22.10	22.33	22.22	22.40	24.00
		1	49	22.59	22.34	22.45	22.30	22.55	24.00
		1	99	22.57	22.29	22.32	22.27	22.51	24.00
		50	0	21.17	21.12	21.18	21.04	21.09	23.00
		50	24	21.24	21.26	21.25	21.03	21.14	23.00
		50	50	21.25	21.27	21.25	21.15	21.17	23.00
		100	0	21.23	21.19	21.18	21.20	21.04	23.00
	64QAM	1	0	21.31	21.09	21.10	21.06	21.01	22.50
		1	49	21.42	21.33	21.11	21.09	21.24	22.50
		1	99	21.37	21.15	21.01	21.12	21.27	22.50
		50	0	20.30	19.98	20.10	20.13	20.23	21.50
		50	24	20.17	20.43	20.37	20.38	20.04	21.50
		50	50	20.19	20.10	20.13	19.94	20.19	21.50
		100	0	20.20	19.95	20.04	19.91	20.05	21.50

LTE TDD Band 41 LTE B41-Level 2&3				Conducted Power(dBm)					Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel					
				39675	40110	40620	41130	41565	
5MHz	QPSK	1	0	23.09	22.87	23.02	23.08	23.08	24.50
		1	12	23.36	23.35	23.25	23.35	23.08	24.50
		1	24	23.16	23.20	23.19	23.12	23.26	24.50
		12	0	22.12	22.26	22.26	22.23	22.02	23.50
		12	7	22.30	22.00	22.11	22.18	22.07	23.50
		12	13	22.35	22.38	22.38	22.31	22.31	23.50
		25	0	22.17	22.22	22.31	22.25	22.19	23.50
	16QAM	1	0	22.73	22.19	22.24	22.39	22.38	24.00
		1	12	22.46	22.41	22.31	22.37	22.58	24.00
		1	24	22.42	22.45	22.30	22.21	22.54	24.00
		12	0	21.06	21.08	21.04	21.09	21.19	23.00
		12	7	21.37	21.13	21.14	21.14	21.10	23.00
		12	13	21.33	21.21	21.29	21.17	21.26	23.00
		25	0	21.18	21.07	21.22	21.13	21.19	23.00
	64QAM	1	0	21.43	21.23	21.15	21.30	20.95	22.50
		1	12	21.54	21.30	21.22	21.13	21.24	22.50
		1	24	21.43	21.00	21.07	21.13	21.24	22.50
		12	0	20.39	19.93	20.07	19.94	20.33	21.50
		12	7	20.26	20.50	20.46	20.57	20.14	21.50
		12	13	20.06	20.00	20.06	20.12	20.10	21.50

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		25	0	20.08	20.09	19.94	20.03	20.15	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39700	40135	40620	41105	41540	
10MHz	QPSK	1	0	23.31	23.11	23.28	23.10	22.94	24.50
		1	25	23.35	23.40	23.12	23.14	23.23	24.50
		1	49	23.30	23.07	22.97	23.11	23.19	24.50
		25	0	22.15	22.28	22.19	22.31	22.00	23.50
		25	12	22.41	21.97	22.37	22.03	21.99	23.50
		25	25	22.16	22.41	22.17	22.34	22.12	23.50
		50	0	22.33	22.31	22.32	22.23	22.08	23.50
	16QAM	1	0	22.67	22.24	22.48	22.37	22.50	24.00
		1	25	22.57	22.20	22.46	22.29	22.44	24.00
		1	49	22.43	22.20	22.21	22.21	22.39	24.00
		25	0	21.14	21.02	21.18	21.04	21.06	23.00
		25	12	21.20	21.07	21.28	21.02	21.07	23.00
		25	25	21.27	21.15	21.25	21.41	21.29	23.00
		50	0	21.35	21.10	21.33	21.31	21.09	23.00
	64QAM	1	0	21.21	21.06	21.15	21.21	21.06	22.50
		1	25	21.38	21.07	20.96	21.36	21.28	22.50
		1	49	21.39	20.95	21.05	21.06	21.22	22.50
		25	0	20.39	20.11	20.02	20.04	20.09	21.50
		25	12	20.07	20.54	20.42	20.59	20.02	21.50
		25	25	20.12	20.00	20.12	19.94	20.27	21.50
		50	0	20.31	20.07	20.18	20.04	20.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39725	40160	40620	41080	41515	
15MHz	QPSK	1	0	23.09	23.10	23.18	22.99	22.94	24.50
		1	37	23.27	23.33	23.37	23.10	23.32	24.50
		1	74	23.28	23.28	22.99	23.28	23.30	24.50
		36	0	22.19	22.12	22.20	22.38	22.05	23.50
		36	20	22.13	22.02	22.34	22.11	22.02	23.50
		36	39	22.18	22.46	22.25	22.24	22.07	23.50
		75	0	22.38	22.45	22.13	22.21	21.99	23.50
	16QAM	1	0	22.52	22.14	22.20	22.30	22.31	24.00
		1	37	22.74	22.16	22.42	22.35	22.51	24.00
		1	74	22.55	22.34	22.24	22.15	22.43	24.00
		36	0	21.28	21.16	21.13	21.13	21.24	23.00
		36	20	21.34	21.19	21.25	21.26	21.07	23.00
		36	39	21.35	21.30	21.18	21.36	21.19	23.00
		75	0	21.12	21.08	21.33	21.13	21.02	23.00
	64QAM	1	0	21.38	21.26	21.16	21.08	21.13	22.50
		1	37	21.40	21.29	21.07	21.19	21.27	22.50
		1	74	21.34	21.02	21.14	20.94	21.15	22.50

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		36	0	20.31	20.06	20.09	20.08	20.37	21.50
		36	20	20.06	20.39	20.36	20.39	20.06	21.50
		36	39	20.25	20.13	20.21	19.93	20.12	21.50
		75	0	20.16	19.92	19.91	19.97	19.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.24	22.95	23.13	23.11	23.08	24.50
		1	49	23.28	**23.15**	**23.26**	**23.18**	**23.23**	24.50
		1	99	23.25	23.05	23.09	23.12	23.19	24.50
		50	0	22.21	22.19	22.18	22.12	22.09	23.50
		50	24	22.27	22.26	22.25	22.18	22.08	23.50
		50	50	22.27	22.24	22.24	22.21	22.16	23.50
		100	0	22.24	22.32	22.17	22.16	22.07	23.50
	16QAM	1	0	22.59	22.10	22.33	22.22	22.40	24.00
		1	49	22.59	22.34	22.45	22.30	22.55	24.00
		1	99	22.57	22.29	22.32	22.27	22.51	24.00
		50	0	21.17	21.12	21.18	21.04	21.09	23.00
		50	24	21.24	21.26	21.25	21.03	21.14	23.00
		50	50	21.25	21.27	21.25	21.15	21.17	23.00
		100	0	21.23	21.19	21.18	21.20	21.04	23.00
	64QAM	1	0	21.31	21.09	21.10	21.06	21.01	22.50
		1	49	21.42	21.33	21.11	21.09	21.24	22.50
		1	99	21.37	21.15	21.01	21.12	21.27	22.50
		50	0	20.30	19.98	20.10	20.13	20.23	21.50
		50	24	20.17	20.43	20.37	20.38	20.04	21.50
		50	50	20.19	20.10	20.13	19.94	20.19	21.50
		100	0	20.20	19.95	20.04	19.91	20.05	21.50

LTE TDD Band 41 LTE B41-Level 4&5&6				Conducted Power(dBm)					Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel					
				39675	40110	40620	41130	41565	
5MHz	QPSK	1	0	23.09	22.87	23.02	23.08	23.08	24.50
		1	12	23.36	23.35	23.25	23.35	23.08	24.50
		1	24	23.16	23.20	23.19	23.12	23.26	24.50
		12	0	22.12	22.26	22.26	22.23	22.02	23.50
		12	7	22.30	22.00	22.11	22.18	22.07	23.50
		12	13	22.35	22.38	22.38	22.31	22.31	23.50
		25	0	22.17	22.22	22.31	22.25	22.19	23.50
	16QAM	1	0	22.73	22.19	22.24	22.39	22.38	24.00
		1	12	22.46	22.41	22.31	22.37	22.58	24.00
		1	24	22.42	22.45	22.30	22.21	22.54	24.00
		12	0	21.06	21.08	21.04	21.09	21.19	23.00

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		12	7	21.37	21.13	21.14	21.14	21.10	23.00
		12	13	21.33	21.21	21.29	21.17	21.26	23.00
		25	0	21.18	21.07	21.22	21.13	21.19	23.00
	64QAM	1	0	21.43	21.23	21.15	21.30	20.95	22.50
		1	12	21.54	21.30	21.22	21.13	21.24	22.50
		1	24	21.43	21.00	21.07	21.13	21.24	22.50
		12	0	20.39	19.93	20.07	19.94	20.33	21.50
		12	7	20.26	20.50	20.46	20.57	20.14	21.50
		12	13	20.06	20.00	20.06	20.12	20.10	21.50
		25	0	20.08	20.09	19.94	20.03	20.15	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39700	40135	40620	41105	41540	
10MHz	QPSK	1	0	23.31	23.11	23.28	23.10	22.94	24.50
		1	25	23.35	23.40	23.12	23.14	23.23	24.50
		1	49	23.30	23.07	22.97	23.11	23.19	24.50
		25	0	22.15	22.28	22.19	22.31	22.00	23.50
		25	12	22.41	21.97	22.37	22.03	21.99	23.50
		25	25	22.16	22.41	22.17	22.34	22.12	23.50
		50	0	22.33	22.31	22.32	22.23	22.08	23.50
	16QAM	1	0	22.67	22.24	22.48	22.37	22.50	24.00
		1	25	22.57	22.20	22.46	22.29	22.44	24.00
		1	49	22.43	22.20	22.21	22.21	22.39	24.00
		25	0	21.14	21.02	21.18	21.04	21.06	23.00
		25	12	21.20	21.07	21.28	21.02	21.07	23.00
		25	25	21.27	21.15	21.25	21.41	21.29	23.00
		50	0	21.35	21.10	21.33	21.31	21.09	23.00
	64QAM	1	0	21.21	21.06	21.15	21.21	21.06	22.50
		1	25	21.38	21.07	20.96	21.36	21.28	22.50
		1	49	21.39	20.95	21.05	21.06	21.22	22.50
		25	0	20.39	20.11	20.02	20.04	20.09	21.50
		25	12	20.07	20.54	20.42	20.59	20.02	21.50
		25	25	20.12	20.00	20.12	19.94	20.27	21.50
		50	0	20.31	20.07	20.18	20.04	20.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39725	40160	40620	41080	41515	
15MHz	QPSK	1	0	23.09	23.10	23.18	22.99	22.94	24.50
		1	37	23.27	23.33	23.37	23.10	23.32	24.50
		1	74	23.28	23.28	22.99	23.28	23.30	24.50
		36	0	22.19	22.12	22.20	22.38	22.05	23.50
		36	20	22.13	22.02	22.34	22.11	22.02	23.50
		36	39	22.18	22.46	22.25	22.24	22.07	23.50
		75	0	22.38	22.45	22.13	22.21	21.99	23.50
	16QAM	1	0	22.52	22.14	22.20	22.30	22.31	24.00

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		1	37	22.74	22.16	22.42	22.35	22.51	24.00
		1	74	22.55	22.34	22.24	22.15	22.43	24.00
		36	0	21.28	21.16	21.13	21.13	21.24	23.00
		36	20	21.34	21.19	21.25	21.26	21.07	23.00
		36	39	21.35	21.30	21.18	21.36	21.19	23.00
		75	0	21.12	21.08	21.33	21.13	21.02	23.00
	64QAM	1	0	21.38	21.26	21.16	21.08	21.13	22.50
		1	37	21.40	21.29	21.07	21.19	21.27	22.50
		1	74	21.34	21.02	21.14	20.94	21.15	22.50
		36	0	20.31	20.06	20.09	20.08	20.37	21.50
		36	20	20.06	20.39	20.36	20.39	20.06	21.50
		36	39	20.25	20.13	20.21	19.93	20.12	21.50
		75	0	20.16	19.92	19.91	19.97	19.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.24	22.95	23.13	23.11	23.08	24.50
		1	49	23.28	**23.15**	**23.26**	**23.18**	**23.23**	24.50
		1	99	23.25	23.05	23.09	23.12	23.19	24.50
		50	0	22.21	22.19	22.18	22.12	22.09	23.50
		50	24	22.27	22.26	22.25	22.18	22.08	23.50
		50	50	22.27	22.24	22.24	22.21	22.16	23.50
		100	0	22.24	22.32	22.17	22.16	22.07	23.50
	16QAM	1	0	22.59	22.10	22.33	22.22	22.40	24.00
		1	49	22.59	22.34	22.45	22.30	22.55	24.00
		1	99	22.57	22.29	22.32	22.27	22.51	24.00
		50	0	21.17	21.12	21.18	21.04	21.09	23.00
		50	24	21.24	21.26	21.25	21.03	21.14	23.00
		50	50	21.25	21.27	21.25	21.15	21.17	23.00
		100	0	21.23	21.19	21.18	21.20	21.04	23.00
	64QAM	1	0	21.31	21.09	21.10	21.06	21.01	22.50
		1	49	21.42	21.33	21.11	21.09	21.24	22.50
		1	99	21.37	21.15	21.01	21.12	21.27	22.50
		50	0	20.30	19.98	20.10	20.13	20.23	21.50
		50	24	20.17	20.43	20.37	20.38	20.04	21.50
		50	50	20.19	20.10	20.13	19.94	20.19	21.50
		100	0	20.20	19.95	20.04	19.91	20.05	21.50

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LTE FDD Band 66 LTE B66-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				131979/1710.7	132322/1745	132665/1779.3	
1.4MHz	QPSK	1	0	22.91	23.17	23.16	24.50
		1	8	22.92	23.15	23.33	24.50
		1	14	23.11	23.06	23.12	24.50
		3	0	23.15	23.17	23.13	24.50
		3	4	22.91	23.18	23.26	24.50
		3	7	23.07	23.05	23.21	24.50
		6	0	22.05	22.14	22.24	23.50
	16QAM	1	0	22.90	22.60	22.53	23.50
		1	8	22.59	22.59	22.53	23.50
		1	14	22.90	22.55	22.47	23.50
		3	0	22.70	22.67	22.36	23.50
		3	4	22.72	22.30	22.67	23.50
		3	7	22.89	22.65	22.36	23.50
		6	0	21.10	21.22	21.35	22.50
	64QAM	1	0	21.46	21.65	21.65	22.50
		1	8	21.89	21.53	21.86	22.50
		1	14	21.59	21.86	21.75	22.50
		3	0	21.59	21.53	21.67	22.50
		3	4	21.92	21.33	21.89	22.50
		3	7	21.59	21.89	21.52	22.50
		6	0	20.18	19.90	20.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				1319871711.5	132322/1745	132657/1778.5	
3MHz	QPSK	1	0	23.00	23.15	23.13	24.50
		1	12	23.06	23.21	23.33	24.50
		1	24	23.08	23.13	23.09	24.50
		8	0	22.10	22.19	22.13	23.50
		8	7	22.27	22.38	22.33	23.50
		8	13	22.33	22.26	22.13	23.50
		15	0	22.12	22.21	22.12	23.50
	16QAM	1	0	22.75	22.52	22.39	23.50
		1	12	22.70	22.45	22.60	23.50
		1	24	22.75	22.50	22.47	23.50
		8	0	21.22	21.23	21.34	22.50
		8	7	21.21	21.22	21.22	22.50
		8	13	21.31	21.21	21.06	22.50
		15	0	21.08	21.23	21.37	22.50
	64QAM	1	0	21.58	21.60	21.70	22.50

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		1	12	21.77	21.41	21.76	22.50
		1	24	21.59	21.85	21.65	22.50
		8	0	20.18	19.98	20.08	21.50
		8	7	20.08	20.10	20.49	21.50
		8	13	20.35	20.16	20.25	21.50
		15	0	20.13	20.03	20.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				131997/1712.5	132322/1745	132647/1777.5	
5MHz	QPSK	1	0	23.10	23.13	23.19	24.50
		1	25	23.03	23.27	23.08	24.50
		1	49	23.15	23.14	23.01	24.50
		12	0	21.99	22.25	22.28	23.50
		12	12	22.30	22.26	22.33	23.50
		12	25	22.20	22.18	22.21	23.50
		25	0	22.23	22.23	22.39	23.50
	16QAM	1	0	22.93	22.25	22.51	23.50
		1	25	22.75	22.65	22.79	23.50
		1	49	22.75	22.61	22.45	23.50
		12	0	20.97	21.31	21.36	22.50
		12	12	21.16	21.11	21.24	22.50
		12	25	21.28	21.04	21.28	22.50
		25	0	21.20	21.33	21.34	22.50
	64QAM	1	0	21.48	21.40	21.44	22.50
		1	25	21.92	21.54	21.92	22.50
		1	49	21.67	21.81	21.74	22.50
		12	0	20.18	20.09	20.09	21.50
		12	12	20.09	20.22	20.31	21.50
		12	25	20.37	20.10	20.17	21.50
		25	0	20.31	20.30	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132022/1715	132322/1745	132622/1775	
10MHz	QPSK	1	0	22.96	22.91	23.09	24.50
		1	37	23.31	23.27	**23.10**	24.50
		1	74	23.26	23.03	23.02	24.50
		25	0	22.01	22.23	22.13	23.50
		25	20	22.15	22.13	22.19	23.50
		25	39	22.29	22.09	22.11	23.50
		50	0	22.32	22.36	22.30	23.50
	16QAM	1	0	22.69	22.52	22.47	23.50
		1	37	22.87	22.40	22.54	23.50
		1	74	22.94	22.37	22.46	23.50
		25	0	21.07	21.24	21.31	22.50
		25	20	21.11	21.34	21.42	22.50

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		25	39	21.45	21.20	21.19	22.50
		50	0	21.35	21.23	21.40	22.50
	64QAM	1	0	21.67	21.62	21.69	22.50
		1	37	21.76	21.63	21.91	22.50
		1	74	21.64	21.68	21.65	22.50
		25	0	20.21	20.13	20.00	21.50
		25	20	20.01	20.38	20.33	21.50
		25	39	20.37	20.31	20.17	21.50
		50	0	20.34	20.05	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132047/1717.5	132322/1745	132597/1772.5	
15MHz	QPSK	1	0	23.23	22.97	23.11	24.50
		1	49	23.17	23.19	23.12	24.50
		1	99	22.97	23.06	23.28	24.50
		36	0	22.23	22.15	22.10	23.50
		36	24	22.23	22.33	22.20	23.50
		36	50	22.40	22.25	22.22	23.50
		75	0	22.21	22.09	22.24	23.50
	16QAM	1	0	22.83	22.33	22.38	23.50
		1	49	22.78	22.54	22.78	23.50
		1	99	22.78	22.45	22.64	23.50
		36	0	20.96	21.19	21.32	22.50
		36	24	21.16	21.24	21.42	22.50
		36	50	21.21	21.14	21.01	22.50
		75	0	21.21	21.20	21.33	22.50
	64QAM	1	0	21.39	21.51	21.54	22.50
		1	49	21.68	21.68	21.93	22.50
		1	99	21.60	21.85	21.62	22.50
		36	0	20.37	19.96	20.07	21.50
		36	24	20.15	20.12	20.37	21.50
		36	50	20.34	20.03	20.28	21.50
		75	0	20.09	20.28	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132072/1720	132322/1745	132572/1770	
20MHz	QPSK	1	0	23.08	23.06	23.06	24.50
		1	49	23.18	23.17	23.20	24.50
		1	99	23.12	23.15	23.14	24.50
		50	0	22.12	22.22	22.24	23.50
		50	24	22.24	22.25	22.31	23.50
		50	50	22.33	22.20	22.18	23.50
		100	0	22.20	22.21	22.27	23.50
	16QAM	1	0	22.79	22.40	22.52	23.50
		1	49	22.77	22.54	22.64	23.50

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		1	99	22.79	22.52	22.59	23.50
		50	0	21.11	21.21	21.21	22.50
		50	24	21.23	21.26	21.27	22.50
		50	50	21.32	21.19	21.14	22.50
		100	0	21.21	21.20	21.26	22.50
	64QAM	1	0	21.52	21.49	21.59	22.50
		1	49	21.81	21.55	21.78	22.50
		1	99	21.72	21.78	21.61	22.50
		50	0	20.23	20.11	20.09	21.50
		50	24	20.11	20.25	20.45	21.50
		50	50	20.40	20.18	20.20	21.50
		100	0	20.22	20.17	20.40	21.50

LTE FDD Band 66 LTE B66-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				131979/1710.7	132322/1745	132665/1779.3	
1.4MHz	QPSK	1	0	22.91	23.17	23.16	24.50
		1	8	22.92	23.15	23.33	24.50
		1	14	23.11	23.06	23.12	24.50
		3	0	23.15	23.17	23.13	24.50
		3	4	22.91	23.18	23.26	24.50
		3	7	23.07	23.05	23.21	24.50
		6	0	22.05	22.14	22.24	23.50
	16QAM	1	0	22.90	22.60	22.53	23.50
		1	8	22.59	22.59	22.53	23.50
		1	14	22.90	22.55	22.47	23.50
		3	0	22.70	22.67	22.36	23.50
		3	4	22.72	22.30	22.67	23.50
		3	7	22.89	22.65	22.36	23.50
		6	0	21.10	21.22	21.35	22.50
	64QAM	1	0	21.46	21.65	21.65	22.50
		1	8	21.89	21.53	21.86	22.50
		1	14	21.59	21.86	21.75	22.50
		3	0	21.59	21.53	21.67	22.50
		3	4	21.92	21.33	21.89	22.50
		3	7	21.59	21.89	21.52	22.50
		6	0	20.18	19.90	20.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				1319871711.5	132322/1745	132657/1778.5	
3MHz	QPSK	1	0	23.00	23.15	23.13	24.50
		1	12	23.06	23.21	23.33	24.50
		1	24	23.08	23.13	23.09	24.50

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		8	0	22.10	22.19	22.13	23.50
		8	7	22.27	22.38	22.33	23.50
		8	13	22.33	22.26	22.13	23.50
		15	0	22.12	22.21	22.12	23.50
	16QAM	1	0	22.75	22.52	22.39	23.50
		1	12	22.70	22.45	22.60	23.50
		1	24	22.75	22.50	22.47	23.50
		8	0	21.22	21.23	21.34	22.50
		8	7	21.21	21.22	21.22	22.50
		8	13	21.31	21.21	21.06	22.50
		15	0	21.08	21.23	21.37	22.50
	64QAM	1	0	21.58	21.60	21.70	22.50
		1	12	21.77	21.41	21.76	22.50
		1	24	21.59	21.85	21.65	22.50
		8	0	20.18	19.98	20.08	21.50
		8	7	20.08	20.10	20.49	21.50
		8	13	20.35	20.16	20.25	21.50
		15	0	20.13	20.03	20.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				131997/1712.5	132322/1745	132647/1777.5	
5MHz	QPSK	1	0	23.10	23.13	23.19	24.50
		1	25	23.03	23.27	23.08	24.50
		1	49	23.15	23.14	23.01	24.50
		12	0	21.99	22.25	22.28	23.50
		12	12	22.30	22.26	22.33	23.50
		12	25	22.20	22.18	22.21	23.50
		25	0	22.23	22.23	22.39	23.50
	16QAM	1	0	22.93	22.25	22.51	23.50
		1	25	22.75	22.65	22.79	23.50
		1	49	22.75	22.61	22.45	23.50
		12	0	20.97	21.31	21.36	22.50
		12	12	21.16	21.11	21.24	22.50
		12	25	21.28	21.04	21.28	22.50
		25	0	21.20	21.33	21.34	22.50
	64QAM	1	0	21.48	21.40	21.44	22.50
		1	25	21.92	21.54	21.92	22.50
		1	49	21.67	21.81	21.74	22.50
		12	0	20.18	20.09	20.09	21.50
		12	12	20.09	20.22	20.31	21.50
		12	25	20.37	20.10	20.17	21.50
		25	0	20.31	20.30	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132022/1715	132322/1745	132622/1775	

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10MHz	QPSK	1	0	22.96	22.91	23.09	24.50
		1	37	23.31	23.27	**23.10**	24.50
		1	74	23.26	23.03	23.02	24.50
		25	0	22.01	22.23	22.13	23.50
		25	20	22.15	22.13	22.19	23.50
		25	39	22.29	22.09	22.11	23.50
		50	0	22.32	22.36	22.30	23.50
	16QAM	1	0	22.69	22.52	22.47	23.50
		1	37	22.87	22.40	22.54	23.50
		1	74	22.94	22.37	22.46	23.50
		25	0	21.07	21.24	21.31	22.50
		25	20	21.11	21.34	21.42	22.50
		25	39	21.45	21.20	21.19	22.50
		50	0	21.35	21.23	21.40	22.50
	64QAM	1	0	21.67	21.62	21.69	22.50
		1	37	21.76	21.63	21.91	22.50
		1	74	21.64	21.68	21.65	22.50
		25	0	20.21	20.13	20.00	21.50
		25	20	20.01	20.38	20.33	21.50
		25	39	20.37	20.31	20.17	21.50
		50	0	20.34	20.05	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132047/1717.5	132322/1745	132597/1772.5	
15MHz	QPSK	1	0	23.23	22.97	23.11	24.50
		1	49	23.17	23.19	23.12	24.50
		1	99	22.97	23.06	23.28	24.50
		36	0	22.23	22.15	22.10	23.50
		36	24	22.23	22.33	22.20	23.50
		36	50	22.40	22.25	22.22	23.50
		75	0	22.21	22.09	22.24	23.50
	16QAM	1	0	22.83	22.33	22.38	23.50
		1	49	22.78	22.54	22.78	23.50
		1	99	22.78	22.45	22.64	23.50
		36	0	20.96	21.19	21.32	22.50
		36	24	21.16	21.24	21.42	22.50
		36	50	21.21	21.14	21.01	22.50
		75	0	21.21	21.20	21.33	22.50
	64QAM	1	0	21.39	21.51	21.54	22.50
		1	49	21.68	21.68	21.93	22.50
		1	99	21.60	21.85	21.62	22.50
		36	0	20.37	19.96	20.07	21.50
		36	24	20.15	20.12	20.37	21.50
		36	50	20.34	20.03	20.28	21.50

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		75	0	20.09	20.28	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132072/1720	132322/1745	132572/1770	
20MHz	QPSK	1	0	23.08	23.06	23.06	24.50
		1	49	23.18	23.17	23.20	24.50
		1	99	23.12	23.15	23.14	24.50
		50	0	22.12	22.22	22.24	23.50
		50	24	22.24	22.25	22.31	23.50
		50	50	22.33	22.20	22.18	23.50
		100	0	22.20	22.21	22.27	23.50
	16QAM	1	0	22.79	22.40	22.52	23.50
		1	49	22.77	22.54	22.64	23.50
		1	99	22.79	22.52	22.59	23.50
		50	0	21.11	21.21	21.21	22.50
		50	24	21.23	21.26	21.27	22.50
		50	50	21.32	21.19	21.14	22.50
		100	0	21.21	21.20	21.26	22.50
	64QAM	1	0	21.52	21.49	21.59	22.50
		1	49	21.81	21.55	21.78	22.50
		1	99	21.72	21.78	21.61	22.50
		50	0	20.23	20.11	20.09	21.50
		50	24	20.11	20.25	20.45	21.50
		50	50	20.40	20.18	20.20	21.50
		100	0	20.22	20.17	20.40	21.50

LTE FDD Band 66 LTE B66-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				131979/1710.7	132322/1745	132665/1779.3	
1.4MHz	QPSK	1	0	22.91	23.17	23.16	24.50
		1	8	22.92	23.15	23.33	24.50
		1	14	23.11	23.06	23.12	24.50
		3	0	23.15	23.17	23.13	24.50
		3	4	22.91	23.18	23.26	24.50
		3	7	23.07	23.05	23.21	24.50
		6	0	22.05	22.14	22.24	23.50
	16QAM	1	0	22.90	22.60	22.53	23.50
		1	8	22.59	22.59	22.53	23.50
		1	14	22.90	22.55	22.47	23.50
		3	0	22.70	22.67	22.36	23.50
		3	4	22.72	22.30	22.67	23.50
		3	7	22.89	22.65	22.36	23.50
		6	0	21.10	21.22	21.35	22.50

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	64QAM	1	0	21.46	21.65	21.65	22.50
		1	8	21.89	21.53	21.86	22.50
		1	14	21.59	21.86	21.75	22.50
		3	0	21.59	21.53	21.67	22.50
		3	4	21.92	21.33	21.89	22.50
		3	7	21.59	21.89	21.52	22.50
		6	0	20.18	19.90	20.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				1319871711.5	132322/1745	132657/1778.5	
3MHz	QPSK	1	0	23.00	23.15	23.13	24.50
		1	12	23.06	23.21	23.33	24.50
		1	24	23.08	23.13	23.09	24.50
		8	0	22.10	22.19	22.13	23.50
		8	7	22.27	22.38	22.33	23.50
		8	13	22.33	22.26	22.13	23.50
		15	0	22.12	22.21	22.12	23.50
	16QAM	1	0	22.75	22.52	22.39	23.50
		1	12	22.70	22.45	22.60	23.50
		1	24	22.75	22.50	22.47	23.50
		8	0	21.22	21.23	21.34	22.50
		8	7	21.21	21.22	21.22	22.50
		8	13	21.31	21.21	21.06	22.50
		15	0	21.08	21.23	21.37	22.50
	64QAM	1	0	21.58	21.60	21.70	22.50
		1	12	21.77	21.41	21.76	22.50
		1	24	21.59	21.85	21.65	22.50
		8	0	20.18	19.98	20.08	21.50
		8	7	20.08	20.10	20.49	21.50
		8	13	20.35	20.16	20.25	21.50
		15	0	20.13	20.03	20.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				131997/1712.5	132322/1745	132647/1777.5	
5MHz	QPSK	1	0	23.10	23.13	23.19	24.50
		1	25	23.03	23.27	23.08	24.50
		1	49	23.15	23.14	23.01	24.50
		12	0	21.99	22.25	22.28	23.50
		12	12	22.30	22.26	22.33	23.50
		12	25	22.20	22.18	22.21	23.50
		25	0	22.23	22.23	22.39	23.50
	16QAM	1	0	22.93	22.25	22.51	23.50
		1	25	22.75	22.65	22.79	23.50
		1	49	22.75	22.61	22.45	23.50
		12	0	20.97	21.31	21.36	22.50

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		12	12	21.16	21.11	21.24	22.50
		12	25	21.28	21.04	21.28	22.50
		25	0	21.20	21.33	21.34	22.50
	64QAM	1	0	21.48	21.40	21.44	22.50
		1	25	21.92	21.54	21.92	22.50
		1	49	21.67	21.81	21.74	22.50
		12	0	20.18	20.09	20.09	21.50
		12	12	20.09	20.22	20.31	21.50
		12	25	20.37	20.10	20.17	21.50
		25	0	20.31	20.30	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132022/1715	132322/1745	132622/1775	
10MHz	QPSK	1	0	22.96	22.91	23.09	24.50
		1	37	23.31	23.27	**23.10**	24.50
		1	74	23.26	23.03	23.02	24.50
		25	0	22.01	22.23	22.13	23.50
		25	20	22.15	22.13	22.19	23.50
		25	39	22.29	22.09	22.11	23.50
		50	0	22.32	22.36	22.30	23.50
	16QAM	1	0	22.69	22.52	22.47	23.50
		1	37	22.87	22.40	22.54	23.50
		1	74	22.94	22.37	22.46	23.50
		25	0	21.07	21.24	21.31	22.50
		25	20	21.11	21.34	21.42	22.50
		25	39	21.45	21.20	21.19	22.50
		50	0	21.35	21.23	21.40	22.50
	64QAM	1	0	21.67	21.62	21.69	22.50
		1	37	21.76	21.63	21.91	22.50
		1	74	21.64	21.68	21.65	22.50
		25	0	20.21	20.13	20.00	21.50
		25	20	20.01	20.38	20.33	21.50
		25	39	20.37	20.31	20.17	21.50
		50	0	20.34	20.05	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132047/1717.5	132322/1745	132597/1772.5	
15MHz	QPSK	1	0	23.23	22.97	23.11	24.50
		1	49	23.17	23.19	23.12	24.50
		1	99	22.97	23.06	23.28	24.50
		36	0	22.23	22.15	22.10	23.50
		36	24	22.23	22.33	22.20	23.50
		36	50	22.40	22.25	22.22	23.50
		75	0	22.21	22.09	22.24	23.50
	16QAM	1	0	22.83	22.33	22.38	23.50

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		1	49	22.78	22.54	22.78	23.50
		1	99	22.78	22.45	22.64	23.50
		36	0	20.96	21.19	21.32	22.50
		36	24	21.16	21.24	21.42	22.50
		36	50	21.21	21.14	21.01	22.50
		75	0	21.21	21.20	21.33	22.50
	64QAM	1	0	21.39	21.51	21.54	22.50
		1	49	21.68	21.68	21.93	22.50
		1	99	21.60	21.85	21.62	22.50
		36	0	20.37	19.96	20.07	21.50
		36	24	20.15	20.12	20.37	21.50
		36	50	20.34	20.03	20.28	21.50
		75	0	20.09	20.28	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132072/1720	132322/1745	132572/1770	
20MHz	QPSK	1	0	23.08	23.06	23.06	24.50
		1	49	23.18	23.17	23.20	24.50
		1	99	23.12	23.15	23.14	24.50
		50	0	22.12	22.22	22.24	23.50
		50	24	22.24	22.25	22.31	23.50
		50	50	22.33	22.20	22.18	23.50
		100	0	22.20	22.21	22.27	23.50
	16QAM	1	0	22.79	22.40	22.52	23.50
		1	49	22.77	22.54	22.64	23.50
		1	99	22.79	22.52	22.59	23.50
		50	0	21.11	21.21	21.21	22.50
		50	24	21.23	21.26	21.27	22.50
		50	50	21.32	21.19	21.14	22.50
		100	0	21.21	21.20	21.26	22.50
	64QAM	1	0	21.52	21.49	21.59	22.50
		1	49	21.81	21.55	21.78	22.50
		1	99	21.72	21.78	21.61	22.50
		50	0	20.23	20.11	20.09	21.50
		50	24	20.11	20.25	20.45	21.50
		50	50	20.40	20.18	20.20	21.50
		100	0	20.22	20.17	20.40	21.50

LTE FDD Band 66 LTE B66-Level 4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				131979/1710.7	132322/1745	132665/1779.3	
1.4MHz	QPSK	1	0	20.53	20.68	20.60	22.00
		1	8	20.55	20.65	20.54	22.00

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		1	14	20.44	20.40	20.31	22.00
		3	0	20.84	20.59	20.57	22.00
		3	4	20.65	20.65	20.64	22.00
		3	7	20.71	20.41	20.68	22.00
		6	0	20.70	20.68	20.81	22.00
	16QAM	1	0	20.65	20.89	20.43	22.00
		1	8	20.59	20.80	20.33	22.00
		1	14	20.42	20.32	20.27	22.00
		3	0	20.82	20.93	20.83	22.00
		3	4	20.87	20.86	20.83	22.00
		3	7	20.72	20.39	20.51	22.00
		6	0	20.65	20.54	20.43	22.00
	64QAM	1	0	20.46	20.71	20.69	22.00
		1	8	20.68	20.70	20.59	22.00
		1	14	20.60	20.30	20.36	22.00
		3	0	20.49	20.53	20.68	22.00
		3	4	20.45	20.66	20.38	22.00
		3	7	20.48	20.44	20.31	22.00
		6	0	20.36	20.27	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				1319871711.5	132322/1745	132657/1778.5	Limit
3MHz	QPSK	1	0	20.68	20.62	20.59	22.00
		1	12	20.66	20.51	20.43	22.00
		1	24	20.54	20.54	20.39	22.00
		8	0	20.64	20.59	20.59	22.00
		8	7	20.78	20.63	20.63	22.00
		8	13	20.53	20.53	20.59	22.00
		15	0	20.74	20.68	20.62	22.00
	16QAM	1	0	20.49	20.86	20.59	22.00
		1	12	20.60	20.73	20.51	22.00
		1	24	20.49	20.33	20.39	22.00
		8	0	20.74	20.88	20.56	22.00
		8	7	20.71	20.83	20.67	22.00
		8	13	20.59	20.52	20.34	22.00
		15	0	20.60	20.79	20.69	22.00
	64QAM	1	0	20.67	20.66	20.71	22.00
		1	12	20.59	20.71	20.41	22.00
		1	24	20.41	20.31	20.33	22.00
		8	0	20.22	20.08	20.17	21.50
		8	7	20.23	20.24	20.43	21.50
		8	13	20.31	20.14	20.27	21.50
		15	0	20.23	20.15	20.58	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				131997/1712.5	132322/1745	132647/1777.5	Limit
5MHz	QPSK	1	0	20.56	20.71	20.49	22.00
		1	25	20.51	20.64	20.58	22.00
		1	49	20.39	20.37	20.34	22.00
		12	0	20.64	20.87	20.69	22.00
		12	12	20.75	20.77	20.63	22.00
		12	25	20.69	20.64	20.41	22.00
		25	0	20.79	20.50	20.73	22.00
	16QAM	1	0	20.59	20.68	20.60	22.00
		1	25	20.46	20.57	20.53	22.00
		1	49	20.39	20.48	20.24	22.00
		12	0	20.70	20.89	20.65	22.00
		12	12	20.68	20.76	20.79	22.00
		12	25	20.43	20.57	20.53	22.00
		25	0	20.50	20.69	20.60	22.00
	64QAM	1	0	20.71	20.70	20.55	22.00
		1	25	20.46	20.57	20.54	22.00
		1	49	20.50	20.46	20.32	22.00
		12	0	20.35	20.09	20.05	21.50
		12	12	20.36	20.23	20.47	21.50
		12	25	20.35	20.18	20.20	21.50
		25	0	20.17	20.06	20.64	21.50

Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132022/1715	132322/1745	132622/1775	
10MHz	QPSK	1	0	20.57	20.47	20.45	22.00
		1	37	20.71	20.55	20.53	22.00
		1	74	20.28	20.62	20.51	22.00
		25	0	20.68	20.76	20.59	22.00
		25	20	20.74	20.84	20.56	22.00
		25	39	20.73	20.70	20.65	22.00
		50	0	20.53	20.49	20.62	22.00
	16QAM	1	0	20.51	20.76	20.49	22.00
		1	37	20.42	20.65	20.36	22.00
		1	74	20.31	20.43	20.44	22.00
		25	0	20.78	20.93	20.66	22.00
		25	20	20.92	20.93	20.81	22.00
		25	39	20.66	20.62	20.51	22.00
		50	0	20.58	20.81	20.65	22.00
	64QAM	1	0	20.68	20.53	20.62	22.00
		1	37	20.56	20.58	20.59	22.00
		1	74	20.59	20.35	20.35	22.00
		25	0	20.34	20.26	20.26	21.50
		25	20	20.40	20.46	20.46	21.50

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		25	39	20.39	20.32	20.27	21.50
		50	0	20.31	20.23	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132047/1717.5	132322/1745	132597/1772.5	
15MHz	QPSK	1	0	20.76	20.73	20.46	22.00
		1	49	20.75	20.73	20.47	22.00
		1	99	20.44	20.44	20.42	22.00
		36	0	20.67	20.59	20.61	22.00
		36	24	20.63	20.79	20.65	22.00
		36	50	20.66	20.65	20.55	22.00
		75	0	20.82	20.56	20.56	22.00
	16QAM	1	0	20.59	20.67	20.63	22.00
		1	49	20.68	20.82	20.50	22.00
		1	99	20.46	20.29	20.34	22.00
		36	0	20.86	20.66	20.77	22.00
		36	24	20.86	20.88	20.83	22.00
		36	50	20.71	20.47	20.56	22.00
		75	0	20.47	20.69	20.48	22.00
	64QAM	1	0	20.56	20.53	20.54	22.00
		1	49	20.74	20.67	20.68	22.00
		1	99	20.41	20.20	20.26	22.00
		36	0	20.47	20.28	20.21	21.50
		36	24	20.15	20.29	20.54	21.50
		36	50	20.23	20.40	20.17	21.50
		75	0	20.12	20.12	20.48	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132072/1720	132322/1745	132572/1770	
20MHz	QPSK	1	0	20.66	20.61	20.57	22.00
		1	49	20.63	20.65	20.55	22.00
		1	99	20.43	20.50	20.40	22.00
		50	0	20.71	20.72	20.72	22.00
		50	24	20.71	20.69	20.68	22.00
		50	50	20.67	20.56	20.56	22.00
		100	0	20.67	20.63	20.66	22.00
	16QAM	1	0	20.55	20.75	20.50	22.00
		1	49	20.54	20.70	20.41	22.00
		1	99	20.36	20.37	20.32	22.00
		50	0	20.81	20.79	20.70	22.00
		50	24	20.77	20.82	20.68	22.00
		50	50	20.58	20.48	20.46	22.00
		100	0	20.61	20.67	20.54	22.00
	64QAM	1	0	20.58	20.58	20.56	22.00
		1	49	20.60	20.63	20.53	22.00

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		1	99	20.54	20.35	20.32	22.00
		50	0	20.32	20.22	20.11	21.50
		50	24	20.25	20.33	20.45	21.50
		50	50	20.28	20.26	20.26	21.50
		100	0	20.25	20.21	20.50	21.50

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Antenna 1:

LTE FDD Band 2 LTE B2-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				18607/1850.7	18900/1880	19193/1909.3	
1.4MHz	QPSK	1	0	23.36	23.39	23.39	24.50
		1	3	23.36	23.39	23.42	24.50
		1	5	23.35	23.41	23.45	24.50
		3	0	23.45	23.47	23.54	24.50
		3	1	23.47	23.47	23.64	24.50
		3	3	23.45	23.44	23.62	24.50
		6	0	22.45	22.53	22.57	23.50
	16QAM	1	0	22.54	22.89	22.46	23.50
		1	3	22.56	22.85	22.45	23.50
		1	5	22.55	22.85	22.48	23.50
		3	0	22.52	22.70	22.65	23.50
		3	1	22.52	22.65	22.68	23.50
		3	3	22.55	22.67	22.68	23.50
		6	0	21.63	21.37	21.73	22.50
	64QAM	1	0	21.86	21.82	21.66	22.50
		1	3	21.88	22.11	21.71	22.50
		1	5	21.85	21.96	21.68	22.50
		3	0	21.95	21.87	21.83	22.50
		3	1	21.95	21.81	21.88	22.50
		3	3	21.88	21.71	21.93	22.50
		6	0	20.63	20.39	20.18	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18615/1851.5	18900/1880	19185/1908.5	
3MHz	QPSK	1	0	23.48	23.44	23.39	24.50
		1	8	23.44	23.47	23.42	24.50
		1	14	23.49	23.44	23.41	24.50
		8	0	22.47	22.54	22.53	23.50
		8	4	22.49	22.50	22.51	23.50
		8	7	22.47	22.49	22.54	23.50
		15	0	22.50	22.47	22.54	23.50
	16QAM	1	0	22.45	22.88	22.47	23.50
		1	8	22.39	22.87	22.45	23.50
		1	14	22.39	22.87	22.45	23.50
		8	0	21.60	21.63	21.59	22.50
		8	4	21.60	21.58	21.58	22.50
		8	7	21.59	21.56	21.59	22.50
		15	0	21.52	21.53	21.50	22.50

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	64QAM	1	0	21.75	21.83	21.77	22.50
		1	8	21.94	22.04	21.81	22.50
		1	14	21.78	21.93	21.56	22.50
		8	0	20.36	20.52	20.23	21.50
		8	4	20.49	20.41	20.37	21.50
		8	7	20.58	20.51	20.39	21.50
		15	0	20.58	20.45	20.19	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18625/1852.5	18900/1880	19175/1907.5	
5MHz	QPSK	1	0	23.64	23.53	23.49	24.50
		1	12	23.68	23.50	23.53	24.50
		1	24	23.62	23.50	23.52	24.50
		12	0	22.54	22.60	22.56	23.50
		12	7	22.48	22.53	22.52	23.50
		12	13	22.49	22.51	22.47	23.50
		25	0	22.48	22.53	22.53	23.50
	16QAM	1	0	22.81	23.13	22.50	23.50
		1	12	22.82	23.15	22.49	23.50
		1	24	22.81	23.11	22.48	23.50
		12	0	21.62	21.71	21.62	22.50
		12	7	21.60	21.63	21.60	22.50
		12	13	21.57	21.60	21.55	22.50
		25	0	21.56	21.62	21.53	22.50
	64QAM	1	0	21.85	21.83	21.83	22.50
		1	12	22.01	21.90	21.74	22.50
		1	24	21.97	21.98	21.68	22.50
		12	0	20.55	20.70	20.32	21.50
		12	7	20.47	20.54	20.49	21.50
		12	13	20.78	20.38	20.28	21.50
		25	0	20.68	20.44	20.27	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18650/1855	18900/1880	19150/1905	
10MHz	QPSK	1	0	23.47	23.50	23.43	24.50
		1	25	**23.49**	23.50	**23.42**	24.50
		1	49	23.51	23.44	23.47	24.50
		25	0	22.51	22.62	22.52	23.50
		25	12	22.52	22.55	22.49	23.50
		25	25	22.54	22.44	22.49	23.50
		50	0	22.57	22.54	22.55	23.50
	16QAM	1	0	22.43	22.88	22.49	23.50
		1	25	22.37	22.88	22.44	23.50
		1	49	22.39	22.83	22.45	23.50
		25	0	21.54	21.64	21.62	22.50

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		25	12	21.57	21.56	21.62	22.50
		25	25	21.57	21.49	21.56	22.50
		50	0	21.54	21.55	21.56	22.50
	64QAM	1	0	21.90	22.12	21.78	22.50
		1	25	22.00	22.11	21.76	22.50
		1	49	21.70	21.84	21.73	22.50
		25	0	20.52	20.48	20.22	21.50
		25	12	20.65	20.69	20.28	21.50
		25	25	20.56	20.46	20.13	21.50
		50	0	20.45	20.51	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18675/1857.5	18900/1880	19125/1902.5	
15MHz	QPSK	1	0	23.46	23.48	23.42	24.50
		1	37	23.49	23.49	23.39	24.50
		1	74	23.40	23.41	23.35	24.50
		36	0	22.50	22.59	22.46	23.50
		36	20	22.51	22.55	22.48	23.50
		36	39	22.53	22.45	22.47	23.50
		75	0	22.51	22.52	22.50	23.50
	16QAM	1	0	22.41	22.92	22.88	23.50
		1	37	22.45	22.89	22.82	23.50
		1	74	22.29	22.79	22.66	23.50
		36	0	21.52	21.63	21.50	22.50
		36	20	21.54	21.59	21.46	22.50
		36	39	21.58	21.48	21.47	22.50
		75	0	21.53	21.50	21.50	22.50
	64QAM	1	0	21.89	21.87	21.78	22.50
		1	37	22.02	21.88	21.86	22.50
		1	74	21.80	21.78	21.62	22.50
		36	0	20.45	20.57	20.37	21.50
		36	20	20.58	20.44	20.44	21.50
		36	39	20.52	20.55	20.38	21.50
		75	0	20.51	20.36	20.44	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18700/1860	18900/1880	19100/1900	
20MHz	QPSK	1	0	23.37	23.47	23.30	24.50
		1	49	23.45	23.49	23.25	24.50
		1	99	23.33	23.38	23.14	24.50
		50	0	22.51	22.62	22.36	23.50
		50	24	22.56	22.54	22.34	23.50
		50	50	22.64	22.40	22.26	23.50
		100	0	22.54	22.48	22.31	23.50
	16QAM	1	0	23.05	22.86	22.78	23.50

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		1	49	23.13	22.86	22.74	23.50
		1	99	23.01	22.76	22.68	23.50
		50	0	21.55	21.61	21.52	22.50
		50	24	21.59	21.54	21.51	22.50
		50	50	21.64	21.38	21.40	22.50
		100	0	21.54	21.48	21.46	22.50
	64QAM	1	0	21.95	21.87	21.75	22.50
		1	49	21.99	22.04	21.82	22.50
		1	99	21.70	21.86	21.52	22.50
		50	0	20.46	20.63	20.47	21.50
		50	24	20.62	20.44	20.28	21.50
		50	50	20.71	20.52	20.14	21.50
		100	0	20.58	20.50	20.35	21.50

LTE FDD Band 2 LTE B2-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				18607/1850.7	18900/1880	19193/1909.3	
1.4MHz	QPSK	1	0	15.64	15.87	15.65	17.00
		1	3	15.76	15.98	15.88	17.00
		1	5	15.58	15.79	15.51	17.00
		3	0	15.71	15.85	16.00	17.00
		3	1	15.74	16.02	15.99	17.00
		3	3	15.88	15.83	15.69	17.00
		6	0	15.95	16.01	15.91	17.00
	16QAM	1	0	15.71	15.84	15.82	17.00
		1	3	15.74	16.11	15.94	17.00
		1	5	15.57	15.73	15.72	17.00
		3	0	15.89	16.07	15.89	17.00
		3	1	15.84	16.02	15.74	17.00
		3	3	15.96	15.73	15.82	17.00
		6	0	15.82	15.67	15.69	17.00
	64QAM	1	0	15.77	15.94	15.90	17.00
		1	3	15.52	16.04	15.64	17.00
		1	5	15.39	15.79	15.70	17.00
		3	0	15.90	16.20	15.71	17.00
		3	1	15.77	16.02	15.90	17.00
		3	3	15.99	15.81	15.65	17.00
		6	0	15.74	16.12	15.85	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18615/1851.5	18900/1880	19185/1908.5	
3MHz	QPSK	1	0	15.79	15.82	15.70	17.00
		1	8	15.73	16.06	15.85	17.00

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		1	14	15.78	15.62	15.70	17.00
		8	0	15.77	16.12	15.74	17.00
		8	4	15.83	15.99	15.74	17.00
		8	7	16.05	15.78	15.78	17.00
		15	0	15.68	15.96	15.90	17.00
	16QAM	1	0	15.66	15.87	15.76	17.00
		1	8	15.78	16.02	15.99	17.00
		1	14	15.49	15.68	15.62	17.00
		8	0	16.02	15.93	15.84	17.00
		8	4	15.76	16.03	15.74	17.00
		8	7	16.01	15.93	15.84	17.00
		15	0	15.91	15.79	15.72	17.00
	64QAM	1	0	15.69	15.75	15.60	17.00
		1	8	15.63	16.17	15.85	17.00
		1	14	15.59	15.81	15.61	17.00
		8	0	15.81	16.17	15.76	17.00
		8	4	15.84	15.97	15.89	17.00
		8	7	15.89	15.61	15.77	17.00
		15	0	15.73	16.15	15.62	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				18625/1852.5	18900/1880	19175/1907.5	Limit
5MHz	QPSK	1	0	15.68	15.88	15.66	17.00
		1	12	15.66	15.93	15.77	17.00
		1	24	15.74	15.82	15.54	17.00
		12	0	15.83	15.84	16.04	17.00
		12	7	15.71	16.07	15.88	17.00
		12	13	15.82	15.87	15.81	17.00
		25	0	15.87	16.00	15.70	17.00
	16QAM	1	0	15.74	16.00	15.77	17.00
		1	12	15.82	16.01	15.94	17.00
		1	24	15.60	15.56	15.68	17.00
		12	0	15.82	16.06	15.87	17.00
		12	7	15.83	15.98	15.86	17.00
		12	13	16.03	15.67	15.67	17.00
		25	0	15.86	15.76	15.75	17.00
	64QAM	1	0	15.80	15.94	15.69	17.00
		1	12	15.48	16.10	15.63	17.00
		1	24	15.52	15.74	15.60	17.00
		12	0	15.90	16.12	15.88	17.00
		12	7	15.73	15.91	15.95	17.00
		12	13	16.04	15.66	15.54	17.00
		25	0	15.64	15.89	15.79	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				18650/1855	18900/1880	19150/1905	Limit
10MHz	QPSK	1	0	15.70	15.91	15.64	17.00
		1	25	15.69	16.03	15.78	17.00
		1	49	15.77	15.68	15.51	17.00
		25	0	15.92	16.03	16.00	17.00
		25	12	15.86	16.03	15.89	17.00
		25	25	15.82	15.95	15.80	17.00
		50	0	15.91	16.04	15.93	17.00
	16QAM	1	0	15.63	15.89	15.72	17.00
		1	25	15.80	16.04	15.87	17.00
		1	49	15.42	15.77	15.68	17.00
		25	0	15.86	16.05	15.94	17.00
		25	12	15.93	16.15	15.70	17.00
		25	25	16.10	15.77	15.79	17.00
		50	0	15.98	15.82	15.76	17.00
	64QAM	1	0	15.92	15.80	15.61	17.00
		1	25	15.78	16.02	15.86	17.00
		1	49	15.40	15.81	15.56	17.00
		25	0	15.83	16.03	15.86	17.00
		25	12	15.67	16.00	15.79	17.00
		25	25	16.01	15.80	15.53	17.00
		50	0	15.59	16.12	15.87	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18675/1857.5	18900/1880	19125/1902.5	
15MHz	QPSK	1	0	15.65	15.71	15.65	17.00
		1	37	15.75	16.01	15.99	17.00
		1	74	15.66	15.65	15.78	17.00
		36	0	15.76	16.04	15.89	17.00
		36	20	15.82	15.86	15.93	17.00
		36	39	15.83	15.77	15.67	17.00
		75	0	15.83	15.76	15.70	17.00
	16QAM	1	0	15.84	15.96	15.65	17.00
		1	37	15.68	16.09	15.75	17.00
		1	74	15.63	15.60	15.63	17.00
		36	0	16.03	15.95	15.94	17.00
		36	20	15.69	15.88	15.90	17.00
		36	39	16.04	15.91	15.87	17.00
		75	0	15.80	15.62	15.96	17.00
	64QAM	1	0	15.66	15.87	15.72	17.00
		1	37	15.76	16.08	15.84	17.00
		1	74	15.45	15.80	15.51	17.00
		36	0	16.00	16.24	15.86	17.00
		36	20	15.69	15.99	15.85	17.00

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		36	39	16.07	15.78	15.69	17.00
		75	0	15.73	15.94	15.80	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18700/1860	18900/1880	19100/1900	
20MHz	QPSK	1	0	15.77	15.75	15.79	17.00
		1	49	15.79	16.04	15.89	17.00
		1	99	15.60	15.78	15.60	17.00
		50	0	15.70	16.11	15.79	17.00
		50	24	15.81	16.08	15.76	17.00
		50	50	15.91	15.91	15.75	17.00
		100	0	15.94	15.96	15.76	17.00
	16QAM	1	0	15.72	15.89	15.77	17.00
		1	49	15.84	16.08	15.75	17.00
		1	99	15.43	15.70	15.58	17.00
		50	0	15.82	16.06	15.95	17.00
		50	24	15.71	16.07	15.70	17.00
		50	50	15.85	15.71	15.79	17.00
		100	0	15.83	15.60	15.86	17.00
	64QAM	1	0	15.76	15.94	15.65	17.00
		1	49	15.64	15.99	15.74	17.00
		1	99	15.58	15.60	15.79	17.00
		50	0	15.84	16.07	15.87	17.00
		50	24	15.68	15.92	15.72	17.00
		50	50	15.86	15.70	15.73	17.00
		100	0	15.82	15.93	15.84	17.00

LTE FDD Band 2 LTE B2-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				18607/1850.7	18900/1880	19193/1909.3	
1.4MHz	QPSK	1	0	14.16	14.29	14.35	15.50
		1	3	14.37	14.33	14.46	15.50
		1	5	14.16	14.36	14.11	15.50
		3	0	14.24	14.51	14.24	15.50
		3	1	14.48	14.39	14.23	15.50
		3	3	14.55	14.39	14.15	15.50
		6	0	14.31	14.40	14.19	15.50
	16QAM	1	0	14.26	14.45	14.37	15.50
		1	3	14.19	14.56	14.21	15.50
		1	5	13.92	14.17	14.30	15.50
		3	0	14.51	14.43	14.30	15.50
		3	1	14.33	14.64	14.17	15.50
		3	3	14.43	14.42	14.15	15.50

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		6	0	14.51	14.15	14.44	15.50
	64QAM	1	0	14.37	14.18	14.38	15.50
		1	3	14.28	14.63	14.12	15.50
		1	5	14.02	14.03	14.16	15.50
		3	0	14.35	14.68	14.23	15.50
		3	1	14.42	14.25	14.52	15.50
		3	3	14.61	14.37	14.24	15.50
		6	0	14.14	14.58	14.11	15.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18615/1851.5	18900/1880	19185/1908.5	
3MHz	QPSK	1	0	14.21	14.31	14.14	15.50
		1	8	14.24	14.41	14.44	15.50
		1	14	14.09	14.16	14.15	15.50
		8	0	14.33	14.39	14.25	15.50
		8	4	14.24	14.43	14.24	15.50
		8	7	14.28	14.39	14.29	15.50
		15	0	14.38	14.44	14.35	15.50
	16QAM	1	0	14.19	14.37	14.33	15.50
		1	8	14.41	14.56	14.44	15.50
		1	14	14.05	14.03	14.20	15.50
		8	0	14.32	14.39	14.52	15.50
		8	4	14.29	14.54	14.44	15.50
		8	7	14.40	14.44	14.26	15.50
		15	0	14.24	14.19	14.20	15.50
	64QAM	1	0	14.43	14.43	14.10	15.50
		1	8	13.98	14.47	14.33	15.50
		1	14	13.93	14.20	14.21	15.50
		8	0	14.50	14.60	14.28	15.50
		8	4	14.24	14.27	14.40	15.50
		8	7	14.42	14.20	14.25	15.50
		15	0	14.22	14.65	14.17	15.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18625/1852.5	18900/1880	19175/1907.5	
5MHz	QPSK	1	0	14.16	14.21	14.26	15.50
		1	12	14.23	14.47	14.34	15.50
		1	24	14.10	14.26	14.21	15.50
		12	0	14.27	14.35	14.31	15.50
		12	7	14.34	14.55	14.27	15.50
		12	13	14.48	14.25	14.45	15.50
		25	0	14.48	14.42	14.48	15.50
	16QAM	1	0	14.12	14.45	14.19	15.50
		1	12	14.22	14.39	14.20	15.50
		1	24	13.90	14.13	14.28	15.50

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		12	0	14.59	14.50	14.29	15.50
		12	7	14.38	14.49	14.21	15.50
		12	13	14.57	14.35	14.17	15.50
		25	0	14.38	14.26	14.33	15.50
	64QAM	1	0	14.34	14.20	14.21	15.50
		1	12	14.10	14.69	14.40	15.50
		1	24	13.92	14.23	14.18	15.50
		12	0	14.27	14.62	14.30	15.50
		12	7	14.30	14.33	14.26	15.50
		12	13	14.54	14.18	14.00	15.50
		25	0	14.11	14.55	14.33	15.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18650/1855	18900/1880	19150/1905	
10MHz	QPSK	1	0	14.27	14.38	14.19	15.50
		1	25	14.41	14.47	14.28	15.50
		1	49	14.24	14.28	14.15	15.50
		25	0	14.37	14.55	14.41	15.50
		25	12	14.23	14.54	14.50	15.50
		25	25	14.42	14.26	14.44	15.50
		50	0	14.24	14.42	14.40	15.50
	16QAM	1	0	14.17	14.43	14.22	15.50
		1	25	14.40	14.46	14.43	15.50
		1	49	14.02	14.19	14.27	15.50
		25	0	14.41	14.38	14.31	15.50
		25	12	14.20	14.49	14.36	15.50
		25	25	14.57	14.39	14.25	15.50
		50	0	14.46	14.31	14.42	15.50
	64QAM	1	0	14.36	14.17	14.26	15.50
		1	25	14.07	14.63	14.39	15.50
		1	49	13.98	14.20	14.16	15.50
		25	0	14.28	14.77	14.22	15.50
		25	12	14.25	14.33	14.28	15.50
		25	25	14.53	14.15	14.22	15.50
		50	0	14.28	14.51	14.32	15.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18675/1857.5	18900/1880	19125/1902.5	
15MHz	QPSK	1	0	14.20	14.48	14.44	15.50
		1	37	14.19	14.52	14.34	15.50
		1	74	14.05	14.32	14.11	15.50
		36	0	14.35	14.44	14.29	15.50
		36	20	14.21	14.51	14.24	15.50
		36	39	14.54	14.36	14.32	15.50
		75	0	14.23	14.40	14.32	15.50

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	16QAM	1	0	14.10	14.33	14.31	15.50
		1	37	14.16	14.53	14.29	15.50
		1	74	14.12	14.29	14.14	15.50
		36	0	14.34	14.29	14.43	15.50
		36	20	14.45	14.60	14.44	15.50
		36	39	14.59	14.30	14.24	15.50
		75	0	14.38	14.31	14.39	15.50
	64QAM	1	0	14.14	14.44	14.33	15.50
		1	37	14.23	14.57	14.40	15.50
		1	74	13.93	14.02	14.22	15.50
		36	0	14.38	14.47	14.27	15.50
		36	20	14.35	14.35	14.49	15.50
		36	39	14.55	14.31	14.26	15.50
		75	0	14.29	14.56	14.32	15.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18700/1860	18900/1880	19100/1900	
20MHz	QPSK	1	0	14.22	14.34	14.29	15.50
		1	49	14.28	14.43	14.34	15.50
		1	99	14.15	14.26	14.15	15.50
		50	0	14.31	14.47	14.39	15.50
		50	24	14.33	14.46	14.37	15.50
		50	50	14.40	14.34	14.30	15.50
		100	0	14.33	14.39	14.33	15.50
	16QAM	1	0	14.24	14.48	14.26	15.50
		1	49	14.31	14.54	14.34	15.50
		1	99	14.03	14.16	14.17	15.50
		50	0	14.45	14.44	14.42	15.50
		50	24	14.34	14.50	14.31	15.50
		50	50	14.45	14.29	14.23	15.50
		100	0	14.36	14.24	14.32	15.50
	64QAM	1	0	14.28	14.32	14.25	15.50
		1	49	14.13	14.55	14.26	15.50
		1	99	14.02	14.16	14.15	15.50
		50	0	14.38	14.62	14.34	15.50
		50	24	14.27	14.40	14.37	15.50
		50	50	14.51	14.23	14.15	15.50
		100	0	14.23	14.50	14.23	15.50

LTE FDD Band 2 LTE B2-Level 4&5&6-Sensor on				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				18607/1850.7	18900/1880	19193/1909.3	
1.4MHz	QPSK	1	0	18.56	18.74	18.73	20.00

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		1	3	18.90	19.06	18.94	20.00
		1	5	18.81	18.86	18.71	20.00
		3	0	18.69	18.93	19.06	20.00
		3	1	18.89	18.99	18.93	20.00
		3	3	18.87	18.93	18.72	20.00
		6	0	18.86	18.85	18.76	20.00
	16QAM	1	0	18.82	19.01	18.75	20.00
		1	3	18.64	18.85	18.88	20.00
		1	5	18.77	18.73	18.67	20.00
		3	0	18.74	19.20	19.05	20.00
		3	1	18.75	18.88	19.13	20.00
		3	3	19.01	19.06	18.63	20.00
		6	0	19.04	18.84	18.97	20.00
	64QAM	1	0	18.72	18.91	19.11	20.00
		1	3	18.94	19.01	18.67	20.00
		1	5	18.61	18.99	18.62	20.00
		3	0	18.87	18.91	18.96	20.00
		3	1	18.79	19.23	18.91	20.00
		3	3	18.85	18.81	18.66	20.00
		6	0	18.77	18.80	18.81	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18615/1851.5	18900/1880	19185/1908.5	
3MHz	QPSK	1	0	18.60	18.84	18.73	20.00
		1	8	18.85	19.00	18.87	20.00
		1	14	18.69	18.96	18.66	20.00
		8	0	18.74	19.12	19.03	20.00
		8	4	18.87	19.10	18.79	20.00
		8	7	18.86	18.92	18.91	20.00
		15	0	18.80	18.92	19.00	20.00
	16QAM	1	0	18.94	19.10	18.77	20.00
		1	8	18.82	18.93	18.87	20.00
		1	14	18.71	18.58	18.66	20.00
		8	0	18.76	19.00	19.09	20.00
		8	4	18.71	18.93	19.04	20.00
		8	7	18.90	19.03	18.71	20.00
		15	0	18.81	18.96	18.89	20.00
	64QAM	1	0	18.47	18.91	18.89	20.00
		1	8	18.81	19.01	18.76	20.00
		1	14	18.56	18.99	18.62	20.00
		8	0	18.81	19.17	19.03	20.00
		8	4	18.57	19.23	18.99	20.00
		8	7	18.77	18.85	18.82	20.00
		15	0	18.79	18.98	18.84	20.00

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Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18625/1852.5	18900/1880	19175/1907.5	
5MHz	QPSK	1	0	18.58	18.87	18.89	20.00
		1	12	18.71	18.99	18.96	20.00
		1	24	18.51	18.85	18.64	20.00
		12	0	18.64	19.10	18.99	20.00
		12	7	18.90	19.07	18.96	20.00
		12	13	19.07	18.98	18.81	20.00
		25	0	18.68	18.85	18.77	20.00
	16QAM	1	0	18.93	19.12	18.57	20.00
		1	12	18.81	19.02	18.87	20.00
		1	24	18.79	18.82	18.52	20.00
		12	0	18.83	19.14	19.24	20.00
		12	7	18.73	18.77	19.01	20.00
		12	13	18.81	19.08	18.86	20.00
		25	0	18.94	18.71	18.91	20.00
	64QAM	1	0	18.59	18.75	19.11	20.00
		1	12	18.72	18.99	18.88	20.00
		1	24	18.67	18.72	18.84	20.00
		12	0	18.69	18.87	18.97	20.00
		12	7	18.58	19.01	18.79	20.00
		12	13	18.91	18.81	18.73	20.00
		25	0	18.99	18.75	18.94	20.00

Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18650/1855	18900/1880	19150/1905	
10MHz	QPSK	1	0	18.83	18.95	18.96	20.00
		1	25	18.80	18.82	18.77	20.00
		1	49	18.66	18.94	18.52	20.00
		25	0	18.83	18.91	18.84	20.00
		25	12	18.93	18.82	18.88	20.00
		25	25	18.86	18.86	18.99	20.00
		50	0	18.93	18.99	18.78	20.00
	16QAM	1	0	18.79	18.97	18.73	20.00
		1	25	18.80	18.99	18.82	20.00
		1	49	18.91	18.64	18.47	20.00
		25	0	18.57	19.12	19.11	20.00
		25	12	18.81	18.94	19.04	20.00
		25	25	19.01	18.94	18.61	20.00
		50	0	19.02	18.89	18.99	20.00
	64QAM	1	0	18.54	18.92	18.91	20.00
		1	25	18.85	18.99	18.76	20.00
		1	49	18.56	18.79	18.91	20.00
		25	0	18.61	19.09	18.94	20.00

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		25	12	18.78	19.12	19.04	20.00
		25	25	18.85	18.84	18.66	20.00
		50	0	18.80	18.96	18.76	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18675/1857.5	18900/1880	19125/1902.5	
15MHz	QPSK	1	0	18.72	18.93	18.74	20.00
		1	37	18.93	18.89	18.71	20.00
		1	74	18.77	18.66	18.57	20.00
		36	0	18.92	18.82	18.99	20.00
		36	20	18.78	18.94	18.86	20.00
		36	39	18.94	18.71	18.76	20.00
		75	0	18.91	18.86	18.76	20.00
	16QAM	1	0	18.93	19.04	18.66	20.00
		1	37	18.63	18.96	18.76	20.00
		1	74	18.79	18.60	18.43	20.00
		36	0	18.81	19.23	19.03	20.00
		36	20	18.74	18.68	18.93	20.00
		36	39	18.89	18.94	18.87	20.00
		75	0	18.86	18.93	18.99	20.00
	64QAM	1	0	18.56	18.75	18.82	20.00
		1	37	18.82	18.91	18.91	20.00
		1	74	18.75	18.99	18.78	20.00
		36	0	18.76	18.88	19.06	20.00
		36	20	18.71	19.16	18.96	20.00
		36	39	18.86	18.62	18.87	20.00
		75	0	18.93	18.91	18.95	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18700/1860	18900/1880	19100/1900	
20MHz	QPSK	1	0	18.71	18.87	18.81	20.00
		1	49	18.79	18.96	18.82	20.00
		1	99	18.66	18.81	18.66	20.00
		50	0	18.79	18.97	18.94	20.00
		50	24	18.85	18.95	18.92	20.00
		50	50	18.93	18.84	18.84	20.00
		100	0	18.82	18.87	18.85	20.00
	16QAM	1	0	18.82	19.00	18.72	20.00
		1	49	18.72	18.91	18.79	20.00
		1	99	18.78	18.73	18.58	20.00
		50	0	18.70	19.09	19.09	20.00
		50	24	18.72	18.81	19.07	20.00
		50	50	18.92	18.95	18.74	20.00
		100	0	18.90	18.84	18.90	20.00
	64QAM	1	0	18.58	18.87	18.96	20.00

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		1	49	18.86	18.94	18.77	20.00
		1	99	18.63	18.86	18.77	20.00
		50	0	18.76	19.02	19.06	20.00
		50	24	18.70	19.09	18.93	20.00
		50	50	18.78	18.77	18.75	20.00
		100	0	18.91	18.85	18.91	20.00

LTE FDD Band 2 LTE B2-Level 4&5&6-Sensor off				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				18607/1850.7	18900/1880	19193/1909.3	
1.4MHz	QPSK	1	0	23.36	23.39	23.39	24.50
		1	3	23.36	23.39	23.42	24.50
		1	5	23.35	23.41	23.45	24.50
		3	0	23.45	23.47	23.54	24.50
		3	1	23.47	23.47	23.64	24.50
		3	3	23.45	23.44	23.62	24.50
		6	0	22.45	22.53	22.57	23.50
	16QAM	1	0	22.54	22.89	22.46	23.50
		1	3	22.56	22.85	22.45	23.50
		1	5	22.55	22.85	22.48	23.50
		3	0	22.52	22.70	22.65	23.50
		3	1	22.52	22.65	22.68	23.50
		3	3	22.55	22.67	22.68	23.50
		6	0	21.63	21.37	21.73	22.50
	64QAM	1	0	21.86	21.82	21.66	22.50
		1	3	21.88	22.11	21.71	22.50
		1	5	21.85	21.96	21.68	22.50
		3	0	21.95	21.87	21.83	22.50
		3	1	21.95	21.81	21.88	22.50
		3	3	21.88	21.71	21.93	22.50
		6	0	20.63	20.39	20.18	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18615/1851.5	18900/1880	19185/1908.5	
3MHz	QPSK	1	0	23.48	23.44	23.39	24.50
		1	8	23.44	23.47	23.42	24.50
		1	14	23.49	23.44	23.41	24.50
		8	0	22.47	22.54	22.53	23.50
		8	4	22.49	22.50	22.51	23.50
		8	7	22.47	22.49	22.54	23.50
		15	0	22.50	22.47	22.54	23.50
	16QAM	1	0	22.45	22.88	22.47	23.50
		1	8	22.39	22.87	22.45	23.50

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		1	14	22.39	22.87	22.45	23.50
		8	0	21.60	21.63	21.59	22.50
		8	4	21.60	21.58	21.58	22.50
		8	7	21.59	21.56	21.59	22.50
		15	0	21.52	21.53	21.50	22.50
	64QAM	1	0	21.75	21.83	21.77	22.50
		1	8	21.94	22.04	21.81	22.50
		1	14	21.78	21.93	21.56	22.50
		8	0	20.36	20.52	20.23	21.50
		8	4	20.49	20.41	20.37	21.50
		8	7	20.58	20.51	20.39	21.50
		15	0	20.58	20.45	20.19	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18625/1852.5	18900/1880	19175/1907.5	
5MHz	QPSK	1	0	23.64	23.53	23.49	24.50
		1	12	23.68	23.50	23.53	24.50
		1	24	23.62	23.50	23.52	24.50
		12	0	22.54	22.60	22.56	23.50
		12	7	22.48	22.53	22.52	23.50
		12	13	22.49	22.51	22.47	23.50
		25	0	22.48	22.53	22.53	23.50
	16QAM	1	0	22.81	23.13	22.50	23.50
		1	12	22.82	23.15	22.49	23.50
		1	24	22.81	23.11	22.48	23.50
		12	0	21.62	21.71	21.62	22.50
		12	7	21.60	21.63	21.60	22.50
		12	13	21.57	21.60	21.55	22.50
		25	0	21.56	21.62	21.53	22.50
	64QAM	1	0	21.85	21.83	21.83	22.50
		1	12	22.01	21.90	21.74	22.50
		1	24	21.97	21.98	21.68	22.50
		12	0	20.55	20.70	20.32	21.50
		12	7	20.47	20.54	20.49	21.50
		12	13	20.78	20.38	20.28	21.50
		25	0	20.68	20.44	20.27	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18650/1855	18900/1880	19150/1905	
10MHz	QPSK	1	0	23.47	23.50	23.43	24.50
		1	25	**23.49**	23.50	**23.42**	24.50
		1	49	23.51	23.44	23.47	24.50
		25	0	22.51	22.62	22.52	23.50
		25	12	22.52	22.55	22.49	23.50
		25	25	22.54	22.44	22.49	23.50

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		50	0	22.57	22.54	22.55	23.50
	16QAM	1	0	22.43	22.88	22.49	23.50
		1	25	22.37	22.88	22.44	23.50
		1	49	22.39	22.83	22.45	23.50
		25	0	21.54	21.64	21.62	22.50
		25	12	21.57	21.56	21.62	22.50
		25	25	21.57	21.49	21.56	22.50
		50	0	21.54	21.55	21.56	22.50
	64QAM	1	0	21.90	22.12	21.78	22.50
		1	25	22.00	22.11	21.76	22.50
		1	49	21.70	21.84	21.73	22.50
		25	0	20.52	20.48	20.22	21.50
		25	12	20.65	20.69	20.28	21.50
		25	25	20.56	20.46	20.13	21.50
		50	0	20.45	20.51	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18675/1857.5	18900/1880	19125/1902.5	
15MHz	QPSK	1	0	23.46	23.48	23.42	24.50
		1	37	23.49	23.49	23.39	24.50
		1	74	23.40	23.41	23.35	24.50
		36	0	22.50	22.59	22.46	23.50
		36	20	22.51	22.55	22.48	23.50
		36	39	22.53	22.45	22.47	23.50
		75	0	22.51	22.52	22.50	23.50
	16QAM	1	0	22.41	22.92	22.88	23.50
		1	37	22.45	22.89	22.82	23.50
		1	74	22.29	22.79	22.66	23.50
		36	0	21.52	21.63	21.50	22.50
		36	20	21.54	21.59	21.46	22.50
		36	39	21.58	21.48	21.47	22.50
		75	0	21.53	21.50	21.50	22.50
	64QAM	1	0	21.89	21.87	21.78	22.50
		1	37	22.02	21.88	21.86	22.50
		1	74	21.80	21.78	21.62	22.50
		36	0	20.45	20.57	20.37	21.50
		36	20	20.58	20.44	20.44	21.50
		36	39	20.52	20.55	20.38	21.50
		75	0	20.51	20.36	20.44	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				18700/1860	18900/1880	19100/1900	
20MHz	QPSK	1	0	23.37	23.47	23.30	24.50
		1	49	23.45	23.49	23.25	24.50
		1	99	23.33	23.38	23.14	24.50

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		50	0	22.51	22.62	22.36	23.50
		50	24	22.56	22.54	22.34	23.50
		50	50	22.64	22.40	22.26	23.50
		100	0	22.54	22.48	22.31	23.50
	16QAM	1	0	23.05	22.86	22.78	23.50
		1	49	23.13	22.86	22.74	23.50
		1	99	23.01	22.76	22.68	23.50
		50	0	21.55	21.61	21.52	22.50
		50	24	21.59	21.54	21.51	22.50
		50	50	21.64	21.38	21.40	22.50
		100	0	21.54	21.48	21.46	22.50
	64QAM	1	0	21.95	21.87	21.75	22.50
		1	49	21.99	22.04	21.82	22.50
		1	99	21.70	21.86	21.52	22.50
		50	0	20.46	20.63	20.47	21.50
		50	24	20.62	20.44	20.28	21.50
		50	50	20.71	20.52	20.14	21.50
		100	0	20.58	20.50	20.35	21.50

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LTE FDD Band 4 LTE B4-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	22.69	22.89	22.54	24.50
		1	3	22.68	22.88	22.55	24.50
		1	5	22.68	22.88	22.53	24.50
		3	0	22.80	22.96	22.63	24.50
		3	1	22.80	22.89	22.65	24.50
		3	3	22.78	22.90	22.65	24.50
		6	0	21.78	21.96	21.59	23.50
	16QAM	1	0	21.88	22.31	21.61	23.50
		1	3	21.89	22.30	21.63	23.50
		1	5	21.89	22.33	21.64	23.50
		3	0	21.82	22.15	21.73	23.50
		3	1	21.83	22.11	21.75	23.50
		3	3	21.82	22.12	21.73	23.50
		6	0	20.94	20.83	20.77	22.50
	64QAM	1	0	21.12	21.31	21.38	22.50
		1	3	21.50	21.34	21.13	22.50
		1	5	21.44	21.18	20.97	22.50
		3	0	21.18	21.22	21.27	22.50
		3	1	21.47	21.45	21.59	22.50
		3	3	21.48	21.55	21.50	22.50
		6	0	19.86	19.86	19.63	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	22.79	22.91	22.55	24.50
		1	8	22.80	22.91	22.60	24.50
		1	14	22.78	22.92	22.56	24.50
		8	0	21.74	21.97	21.57	23.50
		8	4	21.77	21.91	21.58	23.50
		8	7	21.75	21.90	21.60	23.50
		15	0	21.78	21.91	21.60	23.50
	16QAM	1	0	21.70	22.33	21.65	23.50
		1	8	21.75	22.35	21.62	23.50
		1	14	21.71	22.32	21.62	23.50
		8	0	20.88	21.06	20.63	22.50
		8	4	20.88	21.03	20.62	22.50
		8	7	20.90	21.00	20.65	22.50
		15	0	20.84	20.94	20.56	22.50
	64QAM	1	0	21.26	21.39	21.42	22.50

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		1	8	21.42	21.43	21.28	22.50
		1	14	21.20	21.28	21.06	22.50
		8	0	19.77	19.91	19.73	21.50
		8	4	20.03	19.76	19.82	21.50
		8	7	20.10	19.82	19.68	21.50
		15	0	19.89	19.75	19.60	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	22.94	22.99	22.64	24.50
		1	12	23.00	22.98	22.65	24.50
		1	24	23.01	22.90	22.66	24.50
		12	0	21.83	22.01	21.61	23.50
		12	7	21.79	21.95	21.58	23.50
		12	13	21.85	21.87	21.57	23.50
		25	0	21.82	21.92	21.62	23.50
	16QAM	1	0	22.07	22.53	21.70	23.50
		1	12	22.09	22.54	21.66	23.50
		1	24	22.13	22.46	21.68	23.50
		12	0	20.84	21.15	20.68	22.50
		12	7	20.91	21.06	20.68	22.50
		12	13	20.95	21.01	20.65	22.50
		25	0	20.88	20.99	20.60	22.50
	64QAM	1	0	21.30	21.22	21.29	22.50
		1	12	21.45	21.46	21.12	22.50
		1	24	21.38	21.12	20.91	22.50
		12	0	19.80	19.93	19.93	21.50
		12	7	19.98	19.95	19.78	21.50
		12	13	20.03	19.77	19.83	21.50
		25	0	19.93	19.86	19.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20000/1715	20175/1732.5	20350/1750	
10MHz	QPSK	1	0	22.78	22.97	22.70	24.50
		1	25	**22.89**	22.97	**22.60**	24.50
		1	49	22.91	22.86	22.56	24.50
		25	0	21.79	22.01	21.64	23.50
		25	12	21.85	21.89	21.62	23.50
		25	25	21.97	21.86	21.66	23.50
		50	0	21.88	21.96	21.65	23.50
	16QAM	1	0	21.69	22.30	21.68	23.50
		1	25	21.82	22.32	21.62	23.50
		1	49	21.81	22.22	21.59	23.50
		25	0	20.83	21.06	20.75	22.50
		25	12	20.91	20.92	20.73	22.50

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		25	25	20.99	20.91	20.76	22.50
		50	0	20.88	20.95	20.69	22.50
	64QAM	1	0	21.05	21.24	21.30	22.50
		1	25	21.47	21.56	21.15	22.50
		1	49	21.49	21.11	20.89	22.50
		25	0	19.59	19.91	19.92	21.50
		25	12	19.97	19.86	19.65	21.50
		25	25	19.92	19.87	19.58	21.50
		50	0	19.99	19.99	19.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	22.74	22.92	22.66	24.50
		1	37	22.88	22.93	22.60	24.50
		1	74	22.87	22.75	22.53	24.50
		36	0	21.77	21.95	21.67	23.50
		36	20	21.87	21.87	21.64	23.50
		36	39	21.91	21.78	21.60	23.50
		75	0	21.83	21.89	21.64	23.50
	16QAM	1	0	21.64	22.30	22.16	23.50
		1	37	21.79	22.33	22.10	23.50
		1	74	21.78	22.12	21.92	23.50
		36	0	20.77	21.00	20.67	22.50
		36	20	20.87	20.96	20.63	22.50
		36	39	20.93	20.82	20.60	22.50
		75	0	20.85	20.90	20.64	22.50
	64QAM	1	0	21.21	21.21	21.16	22.50
		1	37	21.30	21.56	21.03	22.50
		1	74	21.45	21.07	20.91	22.50
		36	0	19.76	19.85	19.93	21.50
		36	20	20.02	20.03	19.82	21.50
		36	39	20.02	19.66	19.79	21.50
		75	0	19.79	19.84	19.75	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20050/1720	20175/1732.5	20300/1745	
20MHz	QPSK	1	0	22.68	22.82	22.77	24.50
		1	49	22.89	22.97	22.68	24.50
		1	99	22.85	22.72	22.53	24.50
		50	0	21.72	21.98	21.79	23.50
		50	24	21.95	21.91	21.74	23.50
		50	50	21.96	21.79	21.70	23.50
		100	0	21.89	21.88	21.74	23.50
	16QAM	1	0	22.21	22.23	22.21	23.50
		1	49	22.48	22.36	22.13	23.50

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		1	99	22.45	22.17	21.97	23.50
		50	0	20.75	20.97	20.78	22.50
		50	24	20.95	20.96	20.69	22.50
		50	50	20.97	20.78	20.63	22.50
		100	0	20.91	20.86	20.69	22.50
	64QAM	1	0	21.15	21.27	21.23	22.50
		1	49	21.29	21.39	21.12	22.50
		1	99	21.39	21.11	21.08	22.50
		50	0	19.85	20.02	19.79	21.50
		50	24	19.85	20.05	19.59	21.50
		50	50	20.08	19.88	19.74	21.50
		100	0	19.81	19.94	19.86	21.50

LTE FDD Band 4 LTE B4-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	15.22	15.53	15.84	17.00
		1	3	15.65	15.77	15.85	17.00
		1	5	15.35	15.64	15.55	17.00
		3	0	15.63	15.67	15.59	17.00
		3	1	15.50	15.76	15.54	17.00
		3	3	15.73	15.63	15.62	17.00
		6	0	15.61	15.67	15.71	17.00
	16QAM	1	0	15.33	15.68	15.85	17.00
		1	3	15.69	15.86	15.45	17.00
		1	5	15.67	15.61	15.42	17.00
		3	0	15.53	15.62	15.71	17.00
		3	1	15.48	15.68	15.79	17.00
		3	3	15.46	15.53	15.61	17.00
		6	0	15.75	15.67	15.70	17.00
	64QAM	1	0	15.27	15.77	15.70	17.00
		1	3	15.54	15.73	15.62	17.00
		1	5	15.50	15.51	15.50	17.00
		3	0	15.45	15.89	15.48	17.00
		3	1	15.66	15.69	15.70	17.00
		3	3	15.87	15.68	15.59	17.00
		6	0	15.62	15.63	15.61	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	15.39	15.71	15.73	17.00
		1	8	15.59	15.76	15.81	17.00
		1	14	15.45	15.51	15.29	17.00

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		8	0	15.46	15.51	15.59	17.00
		8	4	15.53	15.65	15.69	17.00
		8	7	15.77	15.51	15.66	17.00
		15	0	15.67	15.56	15.64	17.00
	16QAM	1	0	15.21	15.41	15.85	17.00
		1	8	15.77	15.56	15.46	17.00
		1	14	15.64	15.61	15.49	17.00
		8	0	15.60	15.62	15.63	17.00
		8	4	15.54	15.57	15.70	17.00
		8	7	15.41	15.57	15.45	17.00
		15	0	15.79	15.56	15.47	17.00
	64QAM	1	0	15.11	15.61	15.57	17.00
		1	8	15.56	15.63	15.83	17.00
		1	14	15.33	15.43	15.47	17.00
		8	0	15.39	15.66	15.55	17.00
		8	4	15.58	15.64	15.68	17.00
		8	7	15.84	15.64	15.66	17.00
		15	0	15.74	15.73	15.68	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	15.51	15.48	15.78	17.00
		1	12	15.72	15.73	15.66	17.00
		1	24	15.40	15.59	15.48	17.00
		12	0	15.47	15.74	15.66	17.00
		12	7	15.70	15.79	15.83	17.00
		12	13	15.70	15.48	15.54	17.00
		25	0	15.54	15.73	15.66	17.00
	16QAM	1	0	15.36	15.55	15.86	17.00
		1	12	15.60	15.78	15.58	17.00
		1	24	15.43	15.66	15.44	17.00
		12	0	15.43	15.86	15.62	17.00
		12	7	15.68	15.50	15.53	17.00
		12	13	15.57	15.56	15.52	17.00
		25	0	15.70	15.51	15.65	17.00
	64QAM	1	0	15.38	15.77	15.81	17.00
		1	12	15.57	15.84	15.61	17.00
		1	24	15.56	15.44	15.39	17.00
		12	0	15.49	15.81	15.60	17.00
		12	7	15.57	15.52	15.63	17.00
		12	13	15.76	15.64	15.76	17.00
		25	0	15.70	15.57	15.67	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20000/1715	20175/1732.5	20350/1750	

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10MHz	QPSK	1	0	15.33	15.52	15.84	17.00
		1	25	15.58	15.64	15.66	17.00
		1	49	15.43	15.57	15.51	17.00
		25	0	15.49	15.51	15.73	17.00
		25	12	15.72	15.52	15.81	17.00
		25	25	15.58	15.69	15.72	17.00
		50	0	15.49	15.50	15.77	17.00
	16QAM	1	0	15.12	15.48	15.69	17.00
		1	25	15.81	15.82	15.42	17.00
		1	49	15.70	15.61	15.60	17.00
		25	0	15.73	15.82	15.67	17.00
		25	12	15.53	15.66	15.74	17.00
		25	25	15.49	15.54	15.54	17.00
		50	0	15.69	15.52	15.47	17.00
	64QAM	1	0	15.23	15.79	15.52	17.00
		1	25	15.63	15.80	15.62	17.00
		1	49	15.35	15.53	15.40	17.00
		25	0	15.43	15.62	15.53	17.00
		25	12	15.52	15.71	15.59	17.00
		25	25	15.72	15.71	15.62	17.00
		50	0	15.56	15.79	15.50	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	15.49	15.61	15.56	17.00
		1	37	15.67	15.55	15.60	17.00
		1	74	15.56	15.41	15.44	17.00
		36	0	15.56	15.51	15.79	17.00
		36	20	15.61	15.57	15.73	17.00
		36	39	15.78	15.65	15.49	17.00
		75	0	15.43	15.71	15.55	17.00
	16QAM	1	0	15.11	15.54	15.95	17.00
		1	37	15.62	15.65	15.56	17.00
		1	74	15.51	15.40	15.32	17.00
		36	0	15.51	15.78	15.60	17.00
		36	20	15.74	15.58	15.76	17.00
		36	39	15.66	15.30	15.59	17.00
		75	0	15.53	15.65	15.72	17.00
	64QAM	1	0	15.12	15.57	15.72	17.00
		1	37	15.50	15.60	15.67	17.00
		1	74	15.61	15.51	15.62	17.00
		36	0	15.31	15.72	15.48	17.00
		36	20	15.41	15.77	15.61	17.00
		36	39	15.94	15.56	15.52	17.00

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		75	0	15.52	15.70	15.53	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20050/1720	20175/1732.5	20300/1745	
20MHz	QPSK	1	0	15.38	15.74	15.66	17.00
		1	49	15.62	15.58	15.80	17.00
		1	99	15.51	15.37	15.50	17.00
		50	0	15.49	15.73	15.86	17.00
		50	24	15.53	15.71	15.73	17.00
		50	50	15.74	15.46	15.49	17.00
		100	0	15.71	15.75	15.69	17.00
	16QAM	1	0	15.23	15.45	15.70	17.00
		1	49	15.55	15.62	15.56	17.00
		1	99	15.45	15.48	15.45	17.00
		50	0	15.45	15.66	15.69	17.00
		50	24	15.56	15.50	15.65	17.00
		50	50	15.59	15.51	15.55	17.00
		100	0	15.74	15.43	15.52	17.00
	64QAM	1	0	15.34	15.72	15.64	17.00
		1	49	15.69	15.60	15.56	17.00
		1	99	15.60	15.41	15.40	17.00
		50	0	15.46	15.60	15.59	17.00
		50	24	15.41	15.61	15.76	17.00
		50	50	15.93	15.68	15.62	17.00
		100	0	15.59	15.70	15.67	17.00

LTE FDD Band 4 LTE B4-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	13.83	14.09	14.33	15.50
		1	3	13.96	14.27	14.24	15.50
		1	5	13.86	13.99	14.04	15.50
		3	0	14.04	14.05	14.36	15.50
		3	1	14.09	14.17	14.19	15.50
		3	3	14.06	14.09	14.00	15.50
		6	0	14.00	13.98	14.24	15.50
	16QAM	1	0	13.62	14.00	14.22	15.50
		1	3	14.29	14.28	14.08	15.50
		1	5	13.94	14.10	14.01	15.50
		3	0	14.06	14.27	14.22	15.50
		3	1	14.18	14.02	14.22	15.50
		3	3	13.91	13.98	14.11	15.50
		6	0	14.07	14.10	13.98	15.50

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	64QAM	1	0	13.63	14.18	14.13	15.50
		1	3	14.15	14.09	14.16	15.50
		1	5	13.92	14.09	13.99	15.50
		3	0	13.91	14.38	14.22	15.50
		3	1	13.86	14.26	14.09	15.50
		3	3	14.34	14.04	14.14	15.50
		6	0	14.04	14.32	14.11	15.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	13.74	14.08	14.19	15.50
		1	8	14.08	14.09	14.33	15.50
		1	14	13.88	13.97	13.77	15.50
		8	0	13.86	14.21	14.31	15.50
		8	4	14.00	14.09	14.06	15.50
		8	7	14.06	14.18	14.09	15.50
		15	0	14.20	14.16	14.11	15.50
	16QAM	1	0	13.80	13.95	14.27	15.50
		1	8	14.21	14.15	14.04	15.50
		1	14	14.07	13.95	13.80	15.50
		8	0	14.15	14.33	14.15	15.50
		8	4	14.15	14.08	14.06	15.50
		8	7	13.91	13.96	14.13	15.50
		15	0	14.11	14.04	13.96	15.50
	64QAM	1	0	13.60	14.07	14.28	15.50
		1	8	14.22	14.35	14.15	15.50
		1	14	13.92	14.16	14.10	15.50
		8	0	13.77	14.18	14.23	15.50
		8	4	13.98	14.16	14.29	15.50
		8	7	14.22	14.15	14.22	15.50
		15	0	14.27	14.16	14.04	15.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	13.76	14.07	14.19	15.50
		1	12	14.16	14.31	14.25	15.50
		1	24	14.05	13.87	13.89	15.50
		12	0	14.14	14.10	14.09	15.50
		12	7	14.27	14.10	14.29	15.50
		12	13	14.30	14.05	14.18	15.50
		25	0	14.19	14.13	14.19	15.50
	16QAM	1	0	13.63	14.15	14.41	15.50
		1	12	14.29	14.18	14.09	15.50
		1	24	14.14	14.16	13.95	15.50
		12	0	14.14	14.20	14.17	15.50

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		12	7	14.24	14.02	14.08	15.50
		12	13	14.03	13.94	13.95	15.50
		25	0	14.03	14.21	14.02	15.50
	64QAM	1	0	13.61	14.16	14.13	15.50
		1	12	14.18	14.29	14.26	15.50
		1	24	13.90	13.88	13.89	15.50
		12	0	13.78	14.15	14.22	15.50
		12	7	14.14	14.08	14.04	15.50
		12	13	14.36	14.23	14.00	15.50
		25	0	14.03	14.24	14.14	15.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20000/1715	20175/1732.5	20350/1750	
10MHz	QPSK	1	0	13.88	14.17	14.19	15.50
		1	25	14.03	14.29	14.28	15.50
		1	49	13.84	13.89	14.02	15.50
		25	0	13.91	14.07	14.35	15.50
		25	12	14.07	14.09	14.05	15.50
		25	25	14.13	14.07	14.15	15.50
		50	0	14.01	14.07	14.14	15.50
	16QAM	1	0	13.64	14.16	14.44	15.50
		1	25	14.21	14.06	14.11	15.50
		1	49	14.20	14.18	13.87	15.50
		25	0	14.18	14.34	14.30	15.50
		25	12	14.23	14.02	14.30	15.50
		25	25	14.04	13.88	13.96	15.50
		50	0	14.20	14.11	13.96	15.50
	64QAM	1	0	13.81	14.33	14.14	15.50
		1	25	13.98	14.28	14.15	15.50
		1	49	13.96	14.15	14.01	15.50
		25	0	13.81	14.19	14.07	15.50
		25	12	13.92	14.07	14.17	15.50
		25	25	14.18	13.99	14.09	15.50
		50	0	14.06	14.16	14.01	15.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	13.74	14.20	14.34	15.50
		1	37	13.97	14.21	14.10	15.50
		1	74	13.98	14.04	13.95	15.50
		36	0	13.94	14.14	14.19	15.50
		36	20	14.19	14.02	14.33	15.50
		36	39	14.13	14.12	14.02	15.50
		75	0	14.15	14.21	14.19	15.50
	16QAM	1	0	13.69	13.94	14.45	15.50

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		1	37	14.11	14.31	13.98	15.50
		1	74	14.01	14.04	13.86	15.50
		36	0	14.18	14.11	14.28	15.50
		36	20	14.14	14.02	14.14	15.50
		36	39	14.17	14.06	14.05	15.50
		75	0	14.19	13.93	14.00	15.50
	64QAM	1	0	13.63	14.27	14.10	15.50
		1	37	14.19	14.07	14.27	15.50
		1	74	13.86	14.04	14.09	15.50
		36	0	13.86	14.35	14.17	15.50
		36	20	13.93	14.10	14.15	15.50
		36	39	14.42	14.17	14.12	15.50
		75	0	14.12	14.13	14.23	15.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20050/1720	20175/1732.5	20300/1745	
20MHz	QPSK	1	0	13.87	14.13	14.20	15.50
		1	49	14.11	14.18	14.20	15.50
		1	99	13.99	14.01	13.91	15.50
		50	0	14.01	14.16	14.23	15.50
		50	24	14.14	14.16	14.18	15.50
		50	50	14.19	14.04	14.10	15.50
		100	0	14.07	14.13	14.14	15.50
	16QAM	1	0	13.76	14.05	14.30	15.50
		1	49	14.20	14.21	14.07	15.50
		1	99	14.06	14.05	13.95	15.50
		50	0	14.08	14.24	14.19	15.50
		50	24	14.11	14.15	14.18	15.50
		50	50	14.04	13.95	14.08	15.50
		100	0	14.17	14.08	14.07	15.50
	64QAM	1	0	13.73	14.22	14.17	15.50
		1	49	14.10	14.21	14.18	15.50
		1	99	13.96	14.02	14.04	15.50
		50	0	13.88	14.24	14.09	15.50
		50	24	14.01	14.14	14.16	15.50
		50	50	14.30	14.14	14.12	15.50
		100	0	14.12	14.20	14.11	15.50

LTE FDD Band 4 LTE B4-Level 4&5&6-Sensor on				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	19.02	19.20	19.17	20.50
		1	3	19.15	19.29	19.14	20.50

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		1	5	18.87	19.14	18.95	20.50
		3	0	19.12	19.06	19.21	20.50
		3	1	19.09	19.10	19.22	20.50
		3	3	19.14	19.13	19.15	20.50
		6	0	19.07	19.15	19.12	20.50
	16QAM	1	0	18.87	19.02	19.34	20.50
		1	3	19.24	19.23	19.29	20.50
		1	5	18.97	19.21	18.91	20.50
		3	0	19.07	19.19	19.47	20.50
		3	1	19.34	18.90	19.32	20.50
		3	3	19.08	19.25	19.15	20.50
		6	0	19.15	19.19	19.06	20.50
	64QAM	1	0	18.72	19.29	19.23	20.50
		1	3	19.22	19.21	19.36	20.50
		1	5	18.74	18.87	18.77	20.50
		3	0	19.21	19.09	18.95	20.50
		3	1	19.19	19.03	19.02	20.50
		3	3	19.13	19.10	18.90	20.50
		6	0	19.11	19.03	18.99	20.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				19965/1711.5	20175/1732.5	20385/1753.5	Limit
3MHz	QPSK	1	0	18.73	19.06	19.13	20.50
		1	8	18.99	19.25	19.14	20.50
		1	14	18.94	19.04	18.87	20.50
		8	0	19.01	19.07	19.19	20.50
		8	4	19.01	19.07	19.11	20.50
		8	7	19.22	18.92	19.22	20.50
		15	0	19.19	18.95	19.13	20.50
	16QAM	1	0	18.84	19.03	19.21	20.50
		1	8	19.20	19.03	19.11	20.50
		1	14	18.80	19.24	18.85	20.50
		8	0	19.17	19.06	19.46	20.50
		8	4	19.38	18.88	19.43	20.50
		8	7	19.25	19.21	19.31	20.50
		15	0	19.14	19.03	19.15	20.50
	64QAM	1	0	18.73	19.33	19.06	20.50
		1	8	19.32	19.21	19.32	20.50
		1	14	18.86	18.91	18.67	20.50
		8	0	19.02	18.97	19.09	20.50
		8	4	19.36	18.91	19.13	20.50
		8	7	19.15	19.22	18.89	20.50
		15	0	18.98	19.01	19.25	20.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				19975/1712.5	20175/1732.5	20375/1752.5	Limit
5MHz	QPSK	1	0	18.80	19.06	19.31	20.50
		1	12	19.13	19.17	19.33	20.50
		1	24	19.07	18.90	18.90	20.50
		12	0	19.11	19.01	19.22	20.50
		12	7	19.00	19.04	19.14	20.50
		12	13	19.15	19.10	18.95	20.50
		25	0	19.02	18.98	19.16	20.50
	16QAM	1	0	18.95	19.09	19.14	20.50
		1	12	19.17	19.09	19.03	20.50
		1	24	18.97	19.06	18.87	20.50
		12	0	19.26	19.17	19.46	20.50
		12	7	19.37	18.90	19.28	20.50
		12	13	19.19	19.22	19.35	20.50
		25	0	19.00	19.11	19.18	20.50
	64QAM	1	0	18.61	19.36	18.99	20.50
		1	12	19.13	19.22	19.43	20.50
		1	24	18.78	18.96	18.72	20.50
		12	0	19.07	18.94	19.06	20.50
		12	7	19.15	19.05	19.15	20.50
		12	13	19.13	19.00	19.07	20.50
		25	0	18.93	19.16	19.15	20.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20000/1715	20175/1732.5	20350/1750	
10MHz	QPSK	1	0	18.82	19.10	19.28	20.50
		1	25	19.12	19.15	19.23	20.50
		1	49	19.08	19.06	18.84	20.50
		25	0	19.00	19.01	19.27	20.50
		25	12	19.15	19.21	19.19	20.50
		25	25	19.08	18.98	18.95	20.50
		50	0	19.24	19.01	19.07	20.50
	16QAM	1	0	18.97	19.14	19.14	20.50
		1	25	19.10	19.02	19.14	20.50
		1	49	18.76	19.26	18.85	20.50
		25	0	19.17	19.23	19.38	20.50
		25	12	19.27	18.91	19.41	20.50
		25	25	19.30	19.32	19.07	20.50
		50	0	19.08	19.03	18.93	20.50
	64QAM	1	0	18.78	19.15	19.20	20.50
		1	25	19.25	19.32	19.17	20.50
		1	49	18.88	19.15	18.81	20.50
		25	0	19.04	18.95	19.13	20.50
		25	12	19.10	19.05	19.00	20.50

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		25	25	19.14	18.95	19.00	20.50
		50	0	18.88	19.16	19.23	20.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	18.99	19.14	19.14	20.50
		1	37	19.20	19.10	19.15	20.50
		1	74	18.92	18.98	18.77	20.50
		36	0	19.15	19.05	19.34	20.50
		36	20	19.04	19.27	19.22	20.50
		36	39	19.08	19.01	18.97	20.50
		75	0	18.96	19.11	19.20	20.50
	16QAM	1	0	19.01	19.16	19.21	20.50
		1	37	19.20	19.14	19.08	20.50
		1	74	18.68	19.19	18.83	20.50
		36	0	19.28	19.24	19.24	20.50
		36	20	19.11	18.87	19.43	20.50
		36	39	19.10	19.06	19.32	20.50
		75	0	19.21	19.10	18.99	20.50
	64QAM	1	0	18.70	19.19	19.05	20.50
		1	37	19.24	19.27	19.32	20.50
		1	74	18.94	19.10	18.77	20.50
		36	0	19.18	19.05	19.09	20.50
		36	20	19.09	19.07	19.12	20.50
		36	39	19.13	19.03	19.07	20.50
		75	0	19.04	19.20	19.05	20.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20050/1720	20175/1732.5	20300/1745	
20MHz	QPSK	1	0	18.88	19.12	19.25	20.50
		1	49	19.09	19.19	19.19	20.50
		1	99	18.97	19.01	18.90	20.50
		50	0	19.03	19.15	19.24	20.50
		50	24	19.14	19.16	19.14	20.50
		50	50	19.17	19.03	19.07	20.50
		100	0	19.09	19.10	19.08	20.50
	16QAM	1	0	18.93	19.04	19.23	20.50
		1	49	19.13	19.08	19.16	20.50
		1	99	18.82	19.15	18.89	20.50
		50	0	19.16	19.21	19.38	20.50
		50	24	19.26	19.01	19.28	20.50
		50	50	19.17	19.18	19.20	20.50
		100	0	19.13	19.06	19.08	20.50
	64QAM	1	0	18.73	19.21	19.10	20.50
		1	49	19.17	19.18	19.29	20.50

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		1	99	18.82	19.00	18.77	20.50
		50	0	19.17	19.05	19.09	20.50
		50	24	19.22	19.05	19.08	20.50
		50	50	19.09	19.08	19.04	20.50
		100	0	18.97	19.16	19.11	20.50

LTE FDD Band 4 LTE B4-Level 4&5&6-Sensor off				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				19957/1710.7	20175/1732.5	20393/1754.3	
1.4MHz	QPSK	1	0	22.69	22.89	22.54	24.50
		1	3	22.68	22.88	22.55	24.50
		1	5	22.68	22.88	22.53	24.50
		3	0	22.80	22.96	22.63	24.50
		3	1	22.80	22.89	22.65	24.50
		3	3	22.78	22.90	22.65	24.50
		6	0	21.78	21.96	21.59	23.50
	16QAM	1	0	21.88	22.31	21.61	23.50
		1	3	21.89	22.30	21.63	23.50
		1	5	21.89	22.33	21.64	23.50
		3	0	21.82	22.15	21.73	23.50
		3	1	21.83	22.11	21.75	23.50
		3	3	21.82	22.12	21.73	23.50
		6	0	20.94	20.83	20.77	22.50
	64QAM	1	0	21.12	21.31	21.38	22.50
		1	3	21.50	21.34	21.13	22.50
		1	5	21.44	21.18	20.97	22.50
		3	0	21.18	21.22	21.27	22.50
		3	1	21.47	21.45	21.59	22.50
		3	3	21.48	21.55	21.50	22.50
		6	0	19.86	19.86	19.63	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19965/1711.5	20175/1732.5	20385/1753.5	
3MHz	QPSK	1	0	22.79	22.91	22.55	24.50
		1	8	22.80	22.91	22.60	24.50
		1	14	22.78	22.92	22.56	24.50
		8	0	21.74	21.97	21.57	23.50
		8	4	21.77	21.91	21.58	23.50
		8	7	21.75	21.90	21.60	23.50
		15	0	21.78	21.91	21.60	23.50
	16QAM	1	0	21.70	22.33	21.65	23.50
		1	8	21.75	22.35	21.62	23.50
		1	14	21.71	22.32	21.62	23.50

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		8	0	20.88	21.06	20.63	22.50
		8	4	20.88	21.03	20.62	22.50
		8	7	20.90	21.00	20.65	22.50
		15	0	20.84	20.94	20.56	22.50
	64QAM	1	0	21.26	21.39	21.42	22.50
		1	8	21.42	21.43	21.28	22.50
		1	14	21.20	21.28	21.06	22.50
		8	0	19.77	19.91	19.73	21.50
		8	4	20.03	19.76	19.82	21.50
		8	7	20.10	19.82	19.68	21.50
		15	0	19.89	19.75	19.60	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				19975/1712.5	20175/1732.5	20375/1752.5	
5MHz	QPSK	1	0	22.94	22.99	22.64	24.50
		1	12	23.00	22.98	22.65	24.50
		1	24	23.01	22.90	22.66	24.50
		12	0	21.83	22.01	21.61	23.50
		12	7	21.79	21.95	21.58	23.50
		12	13	21.85	21.87	21.57	23.50
		25	0	21.82	21.92	21.62	23.50
	16QAM	1	0	22.07	22.53	21.70	23.50
		1	12	22.09	22.54	21.66	23.50
		1	24	22.13	22.46	21.68	23.50
		12	0	20.84	21.15	20.68	22.50
		12	7	20.91	21.06	20.68	22.50
		12	13	20.95	21.01	20.65	22.50
		25	0	20.88	20.99	20.60	22.50
	64QAM	1	0	21.30	21.22	21.29	22.50
		1	12	21.45	21.46	21.12	22.50
		1	24	21.38	21.12	20.91	22.50
		12	0	19.80	19.93	19.93	21.50
		12	7	19.98	19.95	19.78	21.50
		12	13	20.03	19.77	19.83	21.50
		25	0	19.93	19.86	19.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20000/1715	20175/1732.5	20350/1750	
10MHz	QPSK	1	0	22.78	22.97	22.70	24.50
		1	25	**22.89**	22.97	**22.60**	24.50
		1	49	22.91	22.86	22.56	24.50
		25	0	21.79	22.01	21.64	23.50
		25	12	21.85	21.89	21.62	23.50
		25	25	21.97	21.86	21.66	23.50
		50	0	21.88	21.96	21.65	23.50

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	16QAM	1	0	21.69	22.30	21.68	23.50
		1	25	21.82	22.32	21.62	23.50
		1	49	21.81	22.22	21.59	23.50
		25	0	20.83	21.06	20.75	22.50
		25	12	20.91	20.92	20.73	22.50
		25	25	20.99	20.91	20.76	22.50
		50	0	20.88	20.95	20.69	22.50
	64QAM	1	0	21.05	21.24	21.30	22.50
		1	25	21.47	21.56	21.15	22.50
		1	49	21.49	21.11	20.89	22.50
		25	0	19.59	19.91	19.92	21.50
		25	12	19.97	19.86	19.65	21.50
		25	25	19.92	19.87	19.58	21.50
		50	0	19.99	19.99	19.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20025/1717.5	20175/1732.5	20325/1747.5	
15MHz	QPSK	1	0	22.74	22.92	22.66	24.50
		1	37	22.88	22.93	22.60	24.50
		1	74	22.87	22.75	22.53	24.50
		36	0	21.77	21.95	21.67	23.50
		36	20	21.87	21.87	21.64	23.50
		36	39	21.91	21.78	21.60	23.50
		75	0	21.83	21.89	21.64	23.50
	16QAM	1	0	21.64	22.30	22.16	23.50
		1	37	21.79	22.33	22.10	23.50
		1	74	21.78	22.12	21.92	23.50
		36	0	20.77	21.00	20.67	22.50
		36	20	20.87	20.96	20.63	22.50
		36	39	20.93	20.82	20.60	22.50
		75	0	20.85	20.90	20.64	22.50
	64QAM	1	0	21.21	21.21	21.16	22.50
		1	37	21.30	21.56	21.03	22.50
		1	74	21.45	21.07	20.91	22.50
		36	0	19.76	19.85	19.93	21.50
		36	20	20.02	20.03	19.82	21.50
		36	39	20.02	19.66	19.79	21.50
		75	0	19.79	19.84	19.75	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20050/1720	20175/1732.5	20300/1745	
20MHz	QPSK	1	0	22.68	22.82	22.77	24.50
		1	49	22.89	22.97	22.68	24.50
		1	99	22.85	22.72	22.53	24.50
		50	0	21.72	21.98	21.79	23.50

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		50	24	21.95	21.91	21.74	23.50
		50	50	21.96	21.79	21.70	23.50
		100	0	21.89	21.88	21.74	23.50
	16QAM	1	0	22.21	22.23	22.21	23.50
		1	49	22.48	22.36	22.13	23.50
		1	99	22.45	22.17	21.97	23.50
		50	0	20.75	20.97	20.78	22.50
		50	24	20.95	20.96	20.69	22.50
		50	50	20.97	20.78	20.63	22.50
		100	0	20.91	20.86	20.69	22.50
	64QAM	1	0	21.15	21.27	21.23	22.50
		1	49	21.29	21.39	21.12	22.50
		1	99	21.39	21.11	21.08	22.50
		50	0	19.85	20.02	19.79	21.50
		50	24	19.85	20.05	19.59	21.50
		50	50	20.08	19.88	19.74	21.50
		100	0	19.81	19.94	19.86	21.50

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LTE FDD Band 5 LTE B5-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.42	23.43	23.42	25.00
		1	3	23.36	23.44	23.44	25.00
		1	5	23.43	23.44	23.48	25.00
		3	0	23.52	23.51	23.50	25.00
		3	1	23.52	23.51	23.56	25.00
		3	3	23.46	23.49	23.55	25.00
		6	0	22.51	22.56	22.58	24.00
	16QAM	1	0	22.62	22.92	22.51	24.00
		1	3	22.64	22.86	22.53	24.00
		1	5	22.68	22.90	22.52	24.00
		3	0	22.54	22.74	22.67	24.00
		3	1	22.57	22.70	22.74	24.00
		3	3	22.58	22.71	22.69	24.00
		6	0	21.66	21.41	21.72	23.00
	64QAM	1	0	22.11	22.07	21.86	23.00
		1	3	22.06	21.89	21.86	23.00
		1	5	22.07	21.99	21.89	23.00
		3	0	22.03	22.28	21.95	23.00
		3	1	21.94	22.04	22.15	23.00
		3	3	22.19	22.05	22.18	23.00
		6	0	20.72	20.52	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	8	23.54	23.50	23.48	25.00
		1	14	23.54	23.44	23.55	25.00
		8	0	22.49	22.52	22.53	24.00
		8	4	22.51	22.54	22.54	24.00
		8	7	22.52	22.52	22.47	24.00
		15	0	22.50	22.54	22.51	24.00
	16QAM	1	0	22.43	22.91	22.51	24.00
		1	8	22.45	22.86	22.49	24.00
		1	14	22.42	22.92	22.45	24.00
		8	0	21.62	21.58	21.59	23.00
		8	4	21.65	21.62	21.56	23.00
		8	7	21.63	21.63	21.53	23.00
		15	0	21.55	21.58	21.46	23.00
	64QAM	1	0	22.18	21.98	22.04	23.00

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		1	8	22.08	22.04	22.07	23.00
		1	14	22.11	21.92	21.91	23.00
		8	0	20.46	20.47	20.45	22.00
		8	4	20.64	20.43	20.41	22.00
		8	7	20.48	20.38	20.55	22.00
		15	0	20.61	20.58	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.73	23.56	23.56	25.00
		1	12	23.76	23.58	23.60	25.00
		1	24	23.72	23.53	23.58	25.00
		12	0	22.52	22.62	22.62	24.00
		12	7	22.53	22.58	22.51	24.00
		12	13	22.52	22.50	22.38	24.00
		25	0	22.52	22.53	22.53	24.00
	16QAM	1	0	22.86	23.18	22.51	24.00
		1	12	22.82	23.15	22.51	24.00
		1	24	22.82	23.15	22.47	24.00
		12	0	21.59	21.76	21.64	23.00
		12	7	21.60	21.68	21.54	23.00
		12	13	21.58	21.60	21.42	23.00
		25	0	21.58	21.58	21.47	23.00
	64QAM	1	0	22.01	22.08	21.99	23.00
		1	12	22.13	22.14	22.11	23.00
		1	24	21.99	22.08	21.94	23.00
		12	0	20.42	20.69	20.72	22.00
		12	7	20.64	20.49	20.62	22.00
		12	13	20.67	20.55	20.54	22.00
		25	0	20.63	20.57	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	25	**23.55**	23.54	**23.51**	25.00
		1	49	23.60	23.50	23.49	25.00
		25	0	22.57	22.59	22.60	24.00
		25	12	22.55	22.55	22.52	24.00
		25	25	22.58	22.51	22.41	24.00
		50	0	22.57	22.57	22.55	24.00
	16QAM	1	0	22.45	22.93	22.53	24.00
		1	25	22.42	22.92	22.51	24.00
		1	49	22.43	22.87	22.48	24.00
		25	0	21.58	21.66	21.68	23.00
		25	12	21.58	21.60	21.61	23.00

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		25	25	21.60	21.55	21.46	23.00
		50	0	21.53	21.61	21.54	23.00
	64QAM	1	0	22.22	22.00	21.88	23.00
		1	25	21.94	22.07	22.06	23.00
		1	49	22.23	21.99	22.11	23.00
		25	0	20.53	20.71	20.60	22.00
		25	12	20.55	20.54	20.55	22.00
		25	25	20.56	20.49	20.31	22.00
		50	0	20.57	20.48	20.40	22.00

LTE FDD Band 5 LTE B5-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	22.10	22.17	21.86	23.50
		1	3	21.94	22.16	21.82	23.50
		1	5	21.99	21.83	22.24	23.50
		3	0	21.87	22.00	22.08	23.50
		3	1	21.79	22.07	22.10	23.50
		3	3	21.94	22.08	21.99	23.50
		6	0	22.15	22.06	22.17	23.50
	16QAM	1	0	21.91	22.11	22.06	23.50
		1	3	22.21	22.02	21.64	23.50
		1	5	21.93	21.85	21.96	23.50
		3	0	21.96	22.26	22.12	23.50
		3	1	22.35	22.12	21.68	23.50
		3	3	21.88	21.74	22.01	23.50
		6	0	21.67	21.45	21.74	23.00
	64QAM	1	0	22.11	21.93	21.91	23.00
		1	3	22.07	21.90	21.83	23.00
		1	5	21.97	21.90	21.98	23.00
		3	0	21.98	22.27	21.95	23.00
		3	1	21.79	21.96	22.19	23.00
		3	3	22.32	22.13	22.20	23.00
		6	0	20.82	20.38	20.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	21.92	22.11	21.97	23.50
		1	8	22.04	22.03	21.74	23.50
		1	14	21.89	21.82	22.18	23.50
		8	0	22.04	22.05	22.19	23.50
		8	4	21.81	22.08	22.00	23.50
		8	7	22.12	21.96	22.04	23.50

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		15	0	21.98	22.01	22.06	23.50
	16QAM	1	0	21.88	21.85	22.17	23.50
		1	8	22.11	22.08	21.92	23.50
		1	14	21.96	21.83	22.07	23.50
		8	0	21.61	21.85	21.73	23.00
		8	4	21.46	21.75	21.70	23.00
		8	7	21.74	21.68	21.56	23.00
		15	0	21.50	21.77	21.70	23.00
	64QAM	1	0	22.23	22.16	21.82	23.00
		1	8	21.81	22.12	22.05	23.00
		1	14	22.21	21.91	22.00	23.00
		8	0	20.62	20.75	20.50	22.00
		8	4	20.61	20.73	20.53	22.00
		8	7	20.65	20.49	20.30	22.00
		15	0	20.43	20.56	20.58	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	22.09	22.09	21.94	23.50
		1	12	22.14	22.17	21.94	23.50
		1	24	21.90	21.93	22.10	23.50
		12	0	22.14	21.99	22.19	23.50
		12	7	21.88	22.06	22.14	23.50
		12	13	22.00	22.04	22.05	23.50
		25	0	22.16	22.18	22.15	23.50
	16QAM	1	0	22.03	21.97	22.17	23.50
		1	12	22.18	21.94	21.70	23.50
		1	24	21.79	21.92	21.91	23.50
		12	0	21.66	21.84	21.67	23.00
		12	7	21.50	21.57	21.63	23.00
		12	13	21.66	21.64	21.68	23.00
		25	0	21.32	21.77	21.80	23.00
	64QAM	1	0	22.27	21.96	21.93	23.00
		1	12	21.97	22.20	22.01	23.00
		1	24	22.09	22.03	22.06	23.00
		12	0	20.54	20.72	20.52	22.00
		12	7	20.51	20.65	20.71	22.00
		12	13	20.79	20.58	20.17	22.00
		25	0	20.44	20.71	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	21.97	22.11	21.86	23.50
		1	25	21.99	22.03	21.87	23.50
		1	49	21.85	21.80	22.09	23.50

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		25	0	21.99	22.11	22.19	23.50
		25	12	21.92	21.97	22.03	23.50
		25	25	22.04	22.03	22.01	23.50
		50	0	22.03	22.11	22.20	23.50
	16QAM	1	0	21.97	22.00	22.13	23.50
		1	25	22.10	21.93	21.79	23.50
		1	49	21.81	21.92	22.01	23.50
		25	0	21.70	21.72	21.61	23.00
		25	12	21.57	21.63	21.62	23.00
		25	25	21.65	21.69	21.60	23.00
		50	0	21.44	21.66	21.68	23.00
	64QAM	1	0	22.21	22.04	21.84	23.00
		1	25	21.93	22.16	22.08	23.00
		1	49	22.22	21.99	22.03	23.00
		25	0	20.64	20.67	20.53	22.00
		25	12	20.50	20.69	20.57	22.00
		25	25	20.68	20.57	20.27	22.00
		50	0	20.53	20.56	20.52	22.00

LTE FDD Band 5 LTE B5-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	20.60	20.42	20.40	22.00
		1	3	20.54	20.49	20.40	22.00
		1	5	20.52	20.57	20.53	22.00
		3	0	20.52	20.47	20.68	22.00
		3	1	20.64	20.43	20.52	22.00
		3	3	20.43	20.56	20.45	22.00
		6	0	20.40	20.61	20.48	22.00
	16QAM	1	0	20.42	20.56	20.50	22.00
		1	3	20.56	20.39	20.37	22.00
		1	5	20.44	20.61	20.65	22.00
		3	0	20.19	20.57	20.43	22.00
		3	1	20.57	20.51	20.29	22.00
		3	3	20.44	20.44	20.42	22.00
		6	0	20.31	20.52	20.46	22.00
	64QAM	1	0	20.63	20.50	20.55	22.00
		1	3	20.60	20.34	20.50	22.00
		1	5	20.59	20.43	20.61	22.00
		3	0	20.46	20.53	20.78	22.00
		3	1	20.38	20.56	20.37	22.00
		3	3	20.40	20.52	20.46	22.00

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		6	0	20.45	20.38	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	20.55	20.60	20.43	22.00
		1	8	20.51	20.61	20.56	22.00
		1	14	20.59	20.56	20.53	22.00
		8	0	20.49	20.55	20.65	22.00
		8	4	20.43	20.41	20.43	22.00
		8	7	20.50	20.53	20.27	22.00
		15	0	20.39	20.52	20.41	22.00
	16QAM	1	0	20.57	20.34	20.61	22.00
		1	8	20.71	20.30	20.26	22.00
		1	14	20.52	20.67	20.55	22.00
		8	0	20.37	20.45	20.54	22.00
		8	4	20.67	20.55	20.23	22.00
		8	7	20.54	20.43	20.34	22.00
		15	0	20.47	20.59	20.52	22.00
	64QAM	1	0	20.75	20.27	20.61	22.00
		1	8	20.51	20.24	20.52	22.00
		1	14	20.68	20.47	20.61	22.00
		8	0	20.50	20.48	20.53	22.00
		8	4	20.51	20.71	20.44	22.00
		8	7	20.63	20.47	20.26	22.00
		15	0	20.60	20.28	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	20.48	20.37	20.52	22.00
		1	12	20.65	20.33	20.37	22.00
		1	24	20.37	20.42	20.64	22.00
		12	0	20.35	20.39	20.67	22.00
		12	7	20.58	20.53	20.46	22.00
		12	13	20.60	20.55	20.45	22.00
		25	0	20.39	20.57	20.55	22.00
	16QAM	1	0	20.53	20.49	20.63	22.00
		1	12	20.55	20.24	20.48	22.00
		1	24	20.36	20.61	20.61	22.00
		12	0	20.44	20.67	20.56	22.00
		12	7	20.44	20.60	20.23	22.00
		12	13	20.57	20.52	20.51	22.00
		25	0	20.46	20.45	20.43	22.00
	64QAM	1	0	20.77	20.41	20.51	22.00
		1	12	20.44	20.37	20.46	22.00
		1	24	20.46	20.43	20.50	22.00

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		12	0	20.37	20.55	20.72	22.00
		12	7	20.55	20.54	20.27	22.00
		12	13	20.52	20.48	20.39	22.00
		25	0	20.64	20.28	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	20.52	20.52	20.45	22.00
		1	25	20.54	20.48	20.47	22.00
		1	49	20.46	20.44	20.56	22.00
		25	0	20.45	20.54	20.54	22.00
		25	12	20.50	20.53	20.52	22.00
		25	25	20.53	20.45	20.39	22.00
		50	0	20.50	20.54	20.56	22.00
	16QAM	1	0	20.50	20.45	20.56	22.00
		1	25	20.61	20.37	20.40	22.00
		1	49	20.40	20.57	20.50	22.00
		25	0	20.33	20.56	20.47	22.00
		25	12	20.54	20.64	20.37	22.00
		25	25	20.51	20.38	20.38	22.00
		50	0	20.42	20.60	20.51	22.00
	64QAM	1	0	20.66	20.42	20.60	22.00
		1	25	20.50	20.35	20.57	22.00
		1	49	20.59	20.58	20.48	22.00
		25	0	20.35	20.43	20.66	22.00
		25	12	20.52	20.67	20.39	22.00
		25	25	20.50	20.59	20.33	22.00
		50	0	20.54	20.42	20.66	22.00

LTE FDD Band 5 LTE B5-Level 4&5&6-Sensor on				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.42	23.43	23.42	25.00
		1	3	23.36	23.44	23.44	25.00
		1	5	23.43	23.44	23.48	25.00
		3	0	23.52	23.51	23.50	25.00
		3	1	23.52	23.51	23.56	25.00
		3	3	23.46	23.49	23.55	25.00
		6	0	22.51	22.56	22.58	24.00
	16QAM	1	0	22.62	22.92	22.51	24.00
		1	3	22.64	22.86	22.53	24.00
		1	5	22.68	22.90	22.52	24.00
		3	0	22.54	22.74	22.67	24.00

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		3	1	22.57	22.70	22.74	24.00
		3	3	22.58	22.71	22.69	24.00
		6	0	21.66	21.41	21.72	23.00
	64QAM	1	0	22.11	22.07	21.86	23.00
		1	3	22.06	21.89	21.86	23.00
		1	5	22.07	21.99	21.89	23.00
		3	0	22.03	22.28	21.95	23.00
		3	1	21.94	22.04	22.15	23.00
		3	3	22.19	22.05	22.18	23.00
		6	0	20.72	20.52	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	8	23.54	23.50	23.48	25.00
		1	14	23.54	23.44	23.55	25.00
		8	0	22.49	22.52	22.53	24.00
		8	4	22.51	22.54	22.54	24.00
		8	7	22.52	22.52	22.47	24.00
		15	0	22.50	22.54	22.51	24.00
	16QAM	1	0	22.43	22.91	22.51	24.00
		1	8	22.45	22.86	22.49	24.00
		1	14	22.42	22.92	22.45	24.00
		8	0	21.62	21.58	21.59	23.00
		8	4	21.65	21.62	21.56	23.00
		8	7	21.63	21.63	21.53	23.00
		15	0	21.55	21.58	21.46	23.00
	64QAM	1	0	22.18	21.98	22.04	23.00
		1	8	22.08	22.04	22.07	23.00
		1	14	22.11	21.92	21.91	23.00
		8	0	20.46	20.47	20.45	22.00
		8	4	20.64	20.43	20.41	22.00
		8	7	20.48	20.38	20.55	22.00
		15	0	20.61	20.58	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.73	23.56	23.56	25.00
		1	12	23.76	23.58	23.60	25.00
		1	24	23.72	23.53	23.58	25.00
		12	0	22.52	22.62	22.62	24.00
		12	7	22.53	22.58	22.51	24.00
		12	13	22.52	22.50	22.38	24.00
		25	0	22.52	22.53	22.53	24.00
	16QAM	1	0	22.86	23.18	22.51	24.00

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		1	12	22.82	23.15	22.51	24.00
		1	24	22.82	23.15	22.47	24.00
		12	0	21.59	21.76	21.64	23.00
		12	7	21.60	21.68	21.54	23.00
		12	13	21.58	21.60	21.42	23.00
		25	0	21.58	21.58	21.47	23.00
	64QAM	1	0	22.01	22.08	21.99	23.00
		1	12	22.13	22.14	22.11	23.00
		1	24	21.99	22.08	21.94	23.00
		12	0	20.42	20.69	20.72	22.00
		12	7	20.64	20.49	20.62	22.00
		12	13	20.67	20.55	20.54	22.00
		25	0	20.63	20.57	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	25	**23.55**	23.54	**23.51**	25.00
		1	49	23.60	23.50	23.49	25.00
		25	0	22.57	22.59	22.60	24.00
		25	12	22.55	22.55	22.52	24.00
		25	25	22.58	22.51	22.41	24.00
		50	0	22.57	22.57	22.55	24.00
	16QAM	1	0	22.45	22.93	22.53	24.00
		1	25	22.42	22.92	22.51	24.00
		1	49	22.43	22.87	22.48	24.00
		25	0	21.58	21.66	21.68	23.00
		25	12	21.58	21.60	21.61	23.00
		25	25	21.60	21.55	21.46	23.00
		50	0	21.53	21.61	21.54	23.00
	64QAM	1	0	22.22	22.00	21.88	23.00
		1	25	21.94	22.07	22.06	23.00
		1	49	22.23	21.99	22.11	23.00
		25	0	20.53	20.71	20.60	22.00
		25	12	20.55	20.54	20.55	22.00
		25	25	20.56	20.49	20.31	22.00
		50	0	20.57	20.48	20.40	22.00

LTE FDD Band 5 LTE B5-Level 4&5&6-Sensor off				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.42	23.43	23.42	25.00
		1	3	23.36	23.44	23.44	25.00

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		1	5	23.43	23.44	23.48	25.00
		3	0	23.52	23.51	23.50	25.00
		3	1	23.52	23.51	23.56	25.00
		3	3	23.46	23.49	23.55	25.00
		6	0	22.51	22.56	22.58	24.00
	16QAM	1	0	22.62	22.92	22.51	24.00
		1	3	22.64	22.86	22.53	24.00
		1	5	22.68	22.90	22.52	24.00
		3	0	22.54	22.74	22.67	24.00
		3	1	22.57	22.70	22.74	24.00
		3	3	22.58	22.71	22.69	24.00
		6	0	21.66	21.41	21.72	23.00
	64QAM	1	0	22.11	22.07	21.86	23.00
		1	3	22.06	21.89	21.86	23.00
		1	5	22.07	21.99	21.89	23.00
		3	0	22.03	22.28	21.95	23.00
		3	1	21.94	22.04	22.15	23.00
		3	3	22.19	22.05	22.18	23.00
		6	0	20.72	20.52	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				20415/825.5	20525/836.5	20635/847.5	Limit
3MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	8	23.54	23.50	23.48	25.00
		1	14	23.54	23.44	23.55	25.00
		8	0	22.49	22.52	22.53	24.00
		8	4	22.51	22.54	22.54	24.00
		8	7	22.52	22.52	22.47	24.00
		15	0	22.50	22.54	22.51	24.00
	16QAM	1	0	22.43	22.91	22.51	24.00
		1	8	22.45	22.86	22.49	24.00
		1	14	22.42	22.92	22.45	24.00
		8	0	21.62	21.58	21.59	23.00
		8	4	21.65	21.62	21.56	23.00
		8	7	21.63	21.63	21.53	23.00
		15	0	21.55	21.58	21.46	23.00
	64QAM	1	0	22.18	21.98	22.04	23.00
		1	8	22.08	22.04	22.07	23.00
		1	14	22.11	21.92	21.91	23.00
		8	0	20.46	20.47	20.45	22.00
		8	4	20.64	20.43	20.41	22.00
		8	7	20.48	20.38	20.55	22.00
		15	0	20.61	20.58	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				20425/826.5	20525/836.5	20625/846.5	Limit
5MHz	QPSK	1	0	23.73	23.56	23.56	25.00
		1	12	23.76	23.58	23.60	25.00
		1	24	23.72	23.53	23.58	25.00
		12	0	22.52	22.62	22.62	24.00
		12	7	22.53	22.58	22.51	24.00
		12	13	22.52	22.50	22.38	24.00
		25	0	22.52	22.53	22.53	24.00
	16QAM	1	0	22.86	23.18	22.51	24.00
		1	12	22.82	23.15	22.51	24.00
		1	24	22.82	23.15	22.47	24.00
		12	0	21.59	21.76	21.64	23.00
		12	7	21.60	21.68	21.54	23.00
		12	13	21.58	21.60	21.42	23.00
		25	0	21.58	21.58	21.47	23.00
	64QAM	1	0	22.01	22.08	21.99	23.00
		1	12	22.13	22.14	22.11	23.00
		1	24	21.99	22.08	21.94	23.00
		12	0	20.42	20.69	20.72	22.00
		12	7	20.64	20.49	20.62	22.00
		12	13	20.67	20.55	20.54	22.00
		25	0	20.63	20.57	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	25	**23.55**	23.54	**23.51**	25.00
		1	49	23.60	23.50	23.49	25.00
		25	0	22.57	22.59	22.60	24.00
		25	12	22.55	22.55	22.52	24.00
		25	25	22.58	22.51	22.41	24.00
		50	0	22.57	22.57	22.55	24.00
	16QAM	1	0	22.45	22.93	22.53	24.00
		1	25	22.42	22.92	22.51	24.00
		1	49	22.43	22.87	22.48	24.00
		25	0	21.58	21.66	21.68	23.00
		25	12	21.58	21.60	21.61	23.00
		25	25	21.60	21.55	21.46	23.00
		50	0	21.53	21.61	21.54	23.00
	64QAM	1	0	22.22	22.00	21.88	23.00
		1	25	21.94	22.07	22.06	23.00
		1	49	22.23	21.99	22.11	23.00
		25	0	20.53	20.71	20.60	22.00
		25	12	20.55	20.54	20.55	22.00

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		25	25	20.56	20.49	20.31	22.00
		50	0	20.57	20.48	20.40	22.00

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LTE FDD Band 7 LTE B7-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	23.42	23.74	23.77	24.00
		1	12	23.35	23.67	23.78	24.00
		1	24	23.33	23.72	23.83	24.00
		12	0	22.26	22.67	22.79	23.00
		12	7	22.22	22.61	22.73	23.00
		12	13	22.19	22.61	22.73	23.00
		25	0	22.23	22.64	22.75	23.00
	16QAM	1	0	22.51	23.20	22.81	23.50
		1	12	22.43	23.21	22.82	23.50
		1	24	22.43	23.23	22.87	23.50
		12	0	21.34	21.80	21.82	22.50
		12	7	21.31	21.74	21.79	22.50
		12	13	21.26	21.73	21.78	22.50
		25	0	21.27	21.69	21.70	22.50
	64QAM	1	0	21.38	21.64	21.64	22.00
		1	12	21.26	21.72	21.79	22.00
		1	24	21.35	21.68	21.57	22.00
		12	0	20.29	20.69	20.82	21.00
		12	7	20.50	20.54	20.76	21.00
		12	13	20.48	20.51	20.55	21.00
		25	0	20.24	20.55	20.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	23.34	23.67	23.71	24.00
		1	25	23.25	23.67	23.69	24.00
		1	49	23.28	23.67	23.78	24.00
		25	0	22.24	22.63	22.68	23.00
		25	12	22.26	22.62	22.69	23.00
		25	25	22.29	22.64	22.67	23.00
		50	0	22.30	22.67	22.75	23.00
	16QAM	1	0	22.29	23.06	22.79	23.50
		1	25	22.18	23.02	22.79	23.50
		1	49	22.23	23.06	22.83	23.50
		25	0	21.25	21.70	21.81	22.50
		25	12	21.29	21.65	21.82	22.50
		25	25	21.31	21.70	21.80	22.50
		50	0	21.27	21.67	21.76	22.50
	64QAM	1	0	21.45	21.46	21.55	22.00

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		1	25	21.40	21.83	21.52	22.00
		1	49	21.29	21.53	21.50	22.00
		25	0	20.28	20.63	20.75	21.00
		25	12	20.38	20.82	20.59	21.00
		25	25	20.31	20.68	20.74	21.00
		50	0	20.42	20.62	20.51	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	23.26	23.56	23.61	24.00
		1	37	23.24	23.64	23.62	24.00
		1	74	23.26	23.58	23.64	24.00
		36	0	22.25	22.62	22.70	23.00
		36	20	22.27	22.65	22.67	23.00
		36	39	22.28	22.64	22.65	23.00
		75	0	22.28	22.62	22.70	23.00
	16QAM	1	0	22.20	22.99	23.11	23.50
		1	37	22.21	23.05	23.08	23.50
		1	74	22.18	22.99	23.08	23.50
		36	0	21.24	21.66	21.67	22.50
		36	20	21.27	21.69	21.61	22.50
		36	39	21.29	21.66	21.64	22.50
		75	0	21.27	21.60	21.64	22.50
	64QAM	1	0	21.21	21.70	21.69	22.00
		1	37	21.46	21.57	21.58	22.00
		1	74	21.45	21.51	21.60	22.00
		36	0	20.24	20.69	20.72	21.00
		36	20	20.46	20.56	20.61	21.00
		36	39	20.39	20.70	20.49	21.00
		75	0	20.34	20.73	20.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	23.32	23.58	23.61	24.00
		1	49	**23.40**	23.70	**23.65**	24.00
		1	99	23.33	23.60	23.59	24.00
		50	0	22.27	22.60	22.67	23.00
		50	24	22.37	22.68	22.70	23.00
		50	50	22.34	22.63	22.63	23.00
		100	0	22.31	22.63	22.65	23.00
	16QAM	1	0	22.79	22.98	23.05	23.50
		1	49	22.87	23.10	23.15	23.50
		1	99	22.83	22.98	23.10	23.50
		50	0	21.27	21.58	21.62	22.50
		50	24	21.35	21.67	21.62	22.50

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		50	50	21.34	21.61	21.54	22.50
		100	0	21.31	21.58	21.62	22.50
	64QAM	1	0	21.23	21.57	21.60	22.00
		1	49	21.46	21.60	21.62	22.00
		1	99	21.25	21.56	21.49	22.00
		50	0	20.40	20.56	20.79	21.00
		50	24	20.45	20.68	20.65	21.00
		50	50	20.47	20.77	20.58	21.00
		100	0	20.26	20.66	20.60	21.00

LTE FDD Band 7 LTE B7-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	15.98	16.01	16.10	16.30
		1	12	15.98	16.14	16.09	16.30
		1	24	15.84	16.14	15.87	16.30
		12	0	15.86	16.00	16.21	16.30
		12	7	15.91	15.99	16.04	16.30
		12	13	15.80	16.15	16.02	16.30
		25	0	15.83	16.17	16.05	16.30
	16QAM	1	0	15.88	16.01	16.19	16.30
		1	12	15.83	15.90	16.11	16.30
		1	24	15.78	16.08	15.78	16.30
		12	0	15.89	16.00	16.17	16.30
		12	7	15.86	15.92	16.19	16.30
		12	13	15.74	15.86	15.90	16.30
		25	0	15.85	16.05	16.04	16.30
	64QAM	1	0	15.87	15.95	16.05	16.30
		1	12	15.70	16.14	16.16	16.30
		1	24	15.70	16.08	15.96	16.30
		12	0	15.73	16.13	15.97	16.30
		12	7	15.75	15.99	16.14	16.30
		12	13	15.59	15.97	15.97	16.30
		25	0	15.78	16.11	15.98	16.30
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	15.88	16.03	16.00	16.30
		1	25	15.99	16.20	16.02	16.30
		1	49	15.71	16.02	15.96	16.30
		25	0	15.89	15.97	16.07	16.30
		25	12	15.91	15.99	16.17	16.30
		25	25	15.86	16.03	16.06	16.30

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		50	0	15.79	16.17	16.02	16.30
	16QAM	1	0	15.92	16.07	16.06	16.30
		1	25	15.95	16.01	16.01	16.30
		1	49	15.72	15.89	15.64	16.30
		25	0	15.71	16.06	16.03	16.30
		25	12	15.86	15.93	16.12	16.30
		25	25	15.80	16.03	15.95	16.30
		50	0	15.75	15.98	16.12	16.30
	64QAM	1	0	15.82	15.83	16.17	16.30
		1	25	15.68	16.14	16.07	16.30
		1	49	15.68	16.20	15.93	16.30
		25	0	15.66	15.95	16.04	16.30
		25	12	15.70	15.99	16.15	16.30
		25	25	15.66	15.99	15.98	16.30
		50	0	15.76	16.01	16.06	16.30
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	15.86	16.06	16.14	16.30
		1	37	15.90	16.16	16.15	16.30
		1	74	15.81	16.08	15.94	16.30
		36	0	15.84	15.93	16.05	16.30
		36	20	15.81	16.11	16.10	16.30
		36	39	15.89	16.19	16.09	16.30
		75	0	15.89	16.09	16.01	16.30
	16QAM	1	0	15.91	16.07	16.10	16.30
		1	37	15.84	16.00	15.98	16.30
		1	74	15.66	16.00	15.65	16.30
		36	0	15.79	16.04	16.15	16.30
		36	20	15.70	15.95	16.10	16.30
		36	39	15.84	16.02	16.00	16.30
		75	0	15.84	15.99	16.07	16.30
	64QAM	1	0	15.93	15.80	16.16	16.30
		1	37	15.82	15.96	16.06	16.30
		1	74	15.61	16.21	15.92	16.30
		36	0	15.75	15.93	16.01	16.30
		36	20	15.73	15.88	15.96	16.30
		36	39	15.69	15.96	16.05	16.30
		75	0	15.72	16.15	16.11	16.30
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	15.85	15.99	16.01	16.30
		1	49	15.91	16.13	16.09	16.30
		1	99	15.82	16.09	15.99	16.30

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		50	0	15.83	15.98	16.04	16.30
		50	24	15.79	15.98	16.04	16.30
		50	50	15.84	16.10	16.13	16.30
		100	0	15.80	16.11	16.17	16.30
	16QAM	1	0	15.82	15.88	16.15	16.30
		1	49	15.99	15.90	16.05	16.30
		1	99	15.70	15.97	15.75	16.30
		50	0	15.79	16.05	16.05	16.30
		50	24	15.77	15.89	16.20	16.30
		50	50	15.84	15.99	15.89	16.30
		100	0	15.68	15.95	16.07	16.30
	64QAM	1	0	15.84	15.95	16.00	16.30
		1	49	15.71	16.15	16.17	16.30
		1	99	15.60	16.21	15.84	16.30
		50	0	15.73	16.06	16.05	16.30
		50	24	15.64	15.95	16.16	16.30
		50	50	15.56	15.92	15.99	16.30
		100	0	15.64	16.11	15.98	16.30

LTE FDD Band 7 LTE B7-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	14.10	14.16	14.21	14.50
		1	12	14.06	14.37	14.27	14.50
		1	24	13.99	14.36	14.16	14.50
		12	0	14.13	14.14	14.33	14.50
		12	7	14.02	14.30	14.34	14.50
		12	13	13.99	14.39	14.24	14.50
		25	0	14.01	14.41	14.37	14.50
	16QAM	1	0	14.03	14.08	14.27	14.50
		1	12	14.16	14.23	14.30	14.50
		1	24	13.81	14.09	13.92	14.50
		12	0	14.02	14.24	14.26	14.50
		12	7	14.01	14.10	14.26	14.50
		12	13	13.88	14.18	14.16	14.50
		25	0	13.88	14.20	14.18	14.50
	64QAM	1	0	13.95	14.03	14.23	14.50
		1	12	13.91	14.24	14.31	14.50
		1	24	13.76	14.23	14.01	14.50
		12	0	13.94	14.19	14.33	14.50
		12	7	13.78	14.12	14.20	14.50
		12	13	13.95	14.26	14.20	14.50

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		25	0	13.93	14.23	14.31	14.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	14.08	14.15	14.30	14.50
		1	25	14.09	14.43	14.31	14.50
		1	49	13.97	14.39	14.12	14.50
		25	0	14.10	14.15	14.36	14.50
		25	12	14.18	14.21	14.37	14.50
		25	25	14.13	14.26	14.33	14.50
		50	0	14.01	14.33	14.38	14.50
	16QAM	1	0	14.04	14.20	14.34	14.50
		1	25	14.06	14.28	14.25	14.50
		1	49	13.98	14.16	13.90	14.50
		25	0	13.90	14.29	14.30	14.50
		25	12	13.90	14.20	14.37	14.50
		25	25	13.98	14.05	14.05	14.50
		50	0	13.96	14.21	14.17	14.50
	64QAM	1	0	13.98	14.18	14.27	14.50
		1	25	13.94	14.27	14.26	14.50
		1	49	13.87	14.25	14.05	14.50
		25	0	13.90	14.16	14.33	14.50
		25	12	13.81	14.06	14.31	14.50
		25	25	13.78	14.32	14.12	14.50
		50	0	13.88	14.31	14.30	14.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	14.22	14.18	14.28	14.50
		1	37	14.05	14.39	14.18	14.50
		1	74	14.08	14.30	14.06	14.50
		36	0	14.10	14.32	14.42	14.50
		36	20	14.16	14.31	14.22	14.50
		36	39	13.96	14.32	14.33	14.50
		75	0	14.03	14.34	14.28	14.50
	16QAM	1	0	14.03	14.17	14.23	14.50
		1	37	14.11	14.16	14.31	14.50
		1	74	13.89	14.12	13.95	14.50
		36	0	13.99	14.20	14.18	14.50
		36	20	14.02	14.02	14.22	14.50
		36	39	13.97	14.15	14.08	14.50
		75	0	13.93	14.17	14.24	14.50
	64QAM	1	0	13.98	14.03	14.31	14.50
		1	37	13.97	14.29	14.25	14.50
		1	74	13.79	14.23	14.06	14.50

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		36	0	14.01	14.32	14.34	14.50
		36	20	13.95	14.18	14.27	14.50
		36	39	13.95	14.23	14.29	14.50
		75	0	13.95	14.23	14.12	14.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	14.24	14.29	14.40	14.50
		1	49	14.23	14.48	14.38	14.50
		1	99	14.09	14.42	14.23	14.50
		50	0	14.14	14.33	14.44	14.50
		50	24	14.18	14.37	14.42	14.50
		50	50	14.14	14.43	14.34	14.50
		100	0	14.16	14.42	14.40	14.50
	16QAM	1	0	14.13	14.28	14.40	14.50
		1	49	14.20	14.28	14.37	14.50
		1	99	14.00	14.29	14.03	14.50
		50	0	14.09	14.30	14.37	14.50
		50	24	14.10	14.22	14.40	14.50
		50	50	14.05	14.24	14.23	14.50
		100	0	14.06	14.26	14.36	14.50
	64QAM	1	0	14.13	14.19	14.37	14.50
		1	49	14.07	14.36	14.37	14.50
		1	99	13.93	14.41	14.19	14.50
		50	0	14.05	14.33	14.36	14.50
		50	24	13.98	14.23	14.36	14.50
		50	50	13.95	14.32	14.30	14.50
		100	0	14.04	14.37	14.31	14.50

LTE FDD Band 7 LTE B7-Level 4&5&6-Sensor on				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	19.03	19.09	19.38	19.50
		1	12	19.20	19.42	19.34	19.50
		1	24	18.95	19.32	19.16	19.50
		12	0	19.12	19.30	19.31	19.50
		12	7	19.09	19.38	19.34	19.50
		12	13	19.05	19.36	19.15	19.50
		25	0	19.12	19.25	19.24	19.50
	16QAM	1	0	19.07	18.94	19.30	19.50
		1	12	19.10	19.35	19.22	19.50
		1	24	18.77	19.17	18.89	19.50
		12	0	18.95	19.07	19.13	19.50

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		12	7	18.99	19.15	19.18	19.50
		12	13	19.02	19.16	19.17	19.50
		25	0	18.94	19.23	19.25	19.50
	64QAM	1	0	19.14	19.14	19.20	19.50
		1	12	19.17	19.33	19.29	19.50
		1	24	18.96	19.25	18.88	19.50
		12	0	18.89	19.13	19.27	19.50
		12	7	18.90	19.27	19.25	19.50
		12	13	19.03	19.25	19.03	19.50
		25	0	18.77	19.22	19.06	19.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	19.07	19.25	19.38	19.50
		1	25	19.08	19.39	19.35	19.50
		1	49	18.96	19.40	19.12	19.50
		25	0	19.15	19.21	19.34	19.50
		25	12	19.01	19.38	19.37	19.50
		25	25	18.97	19.19	19.28	19.50
		50	0	18.96	19.16	19.32	19.50
	16QAM	1	0	18.94	18.96	19.25	19.50
		1	25	18.92	19.41	19.27	19.50
		1	49	18.87	19.18	18.98	19.50
		25	0	18.97	19.10	19.24	19.50
		25	12	19.18	19.28	19.10	19.50
		25	25	18.85	19.16	19.08	19.50
		50	0	18.99	19.15	19.25	19.50
	64QAM	1	0	19.00	19.06	19.26	19.50
		1	25	19.00	19.35	19.20	19.50
		1	49	18.91	19.25	19.03	19.50
		25	0	18.95	19.24	19.34	19.50
		25	12	19.07	19.21	19.30	19.50
		25	25	18.95	19.24	19.14	19.50
		50	0	18.82	19.12	19.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	19.10	19.05	19.24	19.50
		1	37	19.03	19.32	19.33	19.50
		1	74	18.94	19.22	19.07	19.50
		36	0	19.06	19.26	19.39	19.50
		36	20	19.06	19.31	19.23	19.50
		36	39	18.97	19.30	19.29	19.50
		75	0	19.14	19.33	19.24	19.50
	16QAM	1	0	19.11	18.99	19.28	19.50

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		1	37	19.05	19.35	19.23	19.50
		1	74	18.85	19.21	18.85	19.50
		36	0	18.96	19.10	19.12	19.50
		36	20	19.04	19.21	19.10	19.50
		36	39	18.92	19.20	19.15	19.50
		75	0	18.96	19.15	19.28	19.50
	64QAM	1	0	19.08	19.16	19.24	19.50
		1	37	18.99	19.27	19.36	19.50
		1	74	18.95	19.30	18.93	19.50
		36	0	18.94	19.24	19.25	19.50
		36	20	19.08	19.30	19.19	19.50
		36	39	18.96	19.26	19.05	19.50
		75	0	18.95	19.29	19.11	19.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	19.23	19.25	19.38	19.50
		1	49	19.23	19.44	19.37	19.50
		1	99	19.10	19.41	19.20	19.50
		50	0	19.16	19.34	19.45	19.50
		50	24	19.18	19.38	19.39	19.50
		50	50	19.14	19.39	19.31	19.50
		100	0	19.15	19.36	19.36	19.50
	16QAM	1	0	19.13	19.08	19.38	19.50
		1	49	19.11	19.41	19.37	19.50
		1	99	18.97	19.33	19.05	19.50
		50	0	19.09	19.16	19.30	19.50
		50	24	19.18	19.31	19.26	19.50
		50	50	19.02	19.24	19.23	19.50
		100	0	19.03	19.33	19.29	19.50
	64QAM	1	0	19.17	19.25	19.34	19.50
		1	49	19.17	19.41	19.37	19.50
		1	99	18.96	19.37	19.04	19.50
		50	0	18.96	19.31	19.44	19.50
		50	24	19.09	19.36	19.31	19.50
		50	50	19.10	19.33	19.15	19.50
		100	0	18.96	19.32	19.24	19.50

LTE FDD Band 7 LTE B7-Level 4&5&6-Sensor off				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	23.42	23.74	23.77	24.00
		1	12	23.35	23.67	23.78	24.00

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		1	24	23.33	23.72	23.83	24.00
		12	0	22.26	22.67	22.79	23.00
		12	7	22.22	22.61	22.73	23.00
		12	13	22.19	22.61	22.73	23.00
		25	0	22.23	22.64	22.75	23.00
	16QAM	1	0	22.51	23.20	22.81	23.50
		1	12	22.43	23.21	22.82	23.50
		1	24	22.43	23.23	22.87	23.50
		12	0	21.34	21.80	21.82	22.50
		12	7	21.31	21.74	21.79	22.50
		12	13	21.26	21.73	21.78	22.50
		25	0	21.27	21.69	21.70	22.50
	64QAM	1	0	21.38	21.64	21.64	22.00
		1	12	21.26	21.72	21.79	22.00
		1	24	21.35	21.68	21.57	22.00
		12	0	20.29	20.69	20.82	21.00
		12	7	20.50	20.54	20.76	21.00
		12	13	20.48	20.51	20.55	21.00
		25	0	20.24	20.55	20.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				20800/2505	21100/2535	21400/2565	Limit
10MHz	QPSK	1	0	23.34	23.67	23.71	24.00
		1	25	23.25	23.67	23.69	24.00
		1	49	23.28	23.67	23.78	24.00
		25	0	22.24	22.63	22.68	23.00
		25	12	22.26	22.62	22.69	23.00
		25	25	22.29	22.64	22.67	23.00
		50	0	22.30	22.67	22.75	23.00
	16QAM	1	0	22.29	23.06	22.79	23.50
		1	25	22.18	23.02	22.79	23.50
		1	49	22.23	23.06	22.83	23.50
		25	0	21.25	21.70	21.81	22.50
		25	12	21.29	21.65	21.82	22.50
		25	25	21.31	21.70	21.80	22.50
		50	0	21.27	21.67	21.76	22.50
	64QAM	1	0	21.45	21.46	21.55	22.00
		1	25	21.40	21.83	21.52	22.00
		1	49	21.29	21.53	21.50	22.00
		25	0	20.28	20.63	20.75	21.00
		25	12	20.38	20.82	20.59	21.00
		25	25	20.31	20.68	20.74	21.00
		50	0	20.42	20.62	20.51	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				20825/2507.5	21100/2535	21375/2562.5	Limit
15MHz	QPSK	1	0	23.26	23.56	23.61	24.00
		1	37	23.24	23.64	23.62	24.00
		1	74	23.26	23.58	23.64	24.00
		36	0	22.25	22.62	22.70	23.00
		36	20	22.27	22.65	22.67	23.00
		36	39	22.28	22.64	22.65	23.00
		75	0	22.28	22.62	22.70	23.00
	16QAM	1	0	22.20	22.99	23.11	23.50
		1	37	22.21	23.05	23.08	23.50
		1	74	22.18	22.99	23.08	23.50
		36	0	21.24	21.66	21.67	22.50
		36	20	21.27	21.69	21.61	22.50
		36	39	21.29	21.66	21.64	22.50
		75	0	21.27	21.60	21.64	22.50
	64QAM	1	0	21.21	21.70	21.69	22.00
		1	37	21.46	21.57	21.58	22.00
		1	74	21.45	21.51	21.60	22.00
		36	0	20.24	20.69	20.72	21.00
		36	20	20.46	20.56	20.61	21.00
		36	39	20.39	20.70	20.49	21.00
		75	0	20.34	20.73	20.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	23.32	23.58	23.61	24.00
		1	49	**23.40**	23.70	**23.65**	24.00
		1	99	23.33	23.60	23.59	24.00
		50	0	22.27	22.60	22.67	23.00
		50	24	22.37	22.68	22.70	23.00
		50	50	22.34	22.63	22.63	23.00
		100	0	22.31	22.63	22.65	23.00
	16QAM	1	0	22.79	22.98	23.05	23.50
		1	49	22.87	23.10	23.15	23.50
		1	99	22.83	22.98	23.10	23.50
		50	0	21.27	21.58	21.62	22.50
		50	24	21.35	21.67	21.62	22.50
		50	50	21.34	21.61	21.54	22.50
		100	0	21.31	21.58	21.62	22.50
	64QAM	1	0	21.23	21.57	21.60	22.00
		1	49	21.46	21.60	21.62	22.00
		1	99	21.25	21.56	21.49	22.00
		50	0	20.40	20.56	20.79	21.00
		50	24	20.45	20.68	20.65	21.00

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		50	50	20.47	20.77	20.58	21.00
		100	0	20.26	20.66	20.60	21.00

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LTE FDD Band 12 LTE B12-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.47	23.63	23.54	25.00
		1	3	23.54	23.64	23.53	25.00
		1	5	23.56	23.64	23.55	25.00
		3	0	23.56	23.65	23.57	25.00
		3	1	23.56	23.63	23.64	25.00
		3	3	23.61	23.61	23.61	25.00
		6	0	22.57	22.70	22.62	24.00
	16QAM	1	0	22.64	23.15	22.63	24.00
		1	3	22.72	23.04	22.66	24.00
		1	5	22.72	23.07	22.63	24.00
		3	0	22.67	22.89	22.71	24.00
		3	1	22.68	22.83	22.77	24.00
		3	3	22.70	22.82	22.72	24.00
		6	0	21.68	21.56	21.73	23.00
	64QAM	1	0	22.13	21.98	22.35	23.00
		1	3	22.31	22.32	22.11	23.00
		1	5	22.31	22.05	22.15	23.00
		3	0	22.11	21.98	22.35	23.00
		3	1	22.40	22.27	22.08	23.00
		3	3	22.46	22.06	22.00	23.00
		6	0	20.68	20.92	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.56	23.63	23.61	25.00
		1	8	23.55	23.57	23.53	25.00
		1	14	23.57	23.61	23.56	25.00
		8	0	22.56	22.62	22.63	24.00
		8	4	22.62	22.66	22.64	24.00
		8	7	22.59	22.61	22.56	24.00
		15	0	22.57	22.61	22.58	24.00
	16QAM	1	0	22.49	23.07	22.72	24.00
		1	8	22.50	23.12	22.63	24.00
		1	14	22.50	23.04	22.63	24.00
		8	0	21.65	21.73	21.67	23.00
		8	4	21.70	21.72	21.65	23.00
		8	7	21.71	21.69	21.60	23.00
		15	0	21.62	21.61	21.52	23.00
	64QAM	1	0	22.09	22.16	22.19	23.00

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		1	8	22.31	22.07	22.01	23.00
		1	14	22.22	22.00	21.96	23.00
		8	0	20.45	20.82	20.83	22.00
		8	4	20.62	20.77	20.56	22.00
		8	7	20.57	20.75	20.48	22.00
		15	0	20.45	20.81	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.70	23.73	23.65	25.00
		1	12	23.78	23.73	23.61	25.00
		1	24	23.82	23.71	23.62	25.00
		12	0	22.54	22.74	22.66	24.00
		12	7	22.64	22.66	22.61	24.00
		12	13	22.66	22.60	22.50	24.00
		25	0	22.61	22.65	22.56	24.00
	16QAM	1	0	22.82	23.27	22.71	24.00
		1	12	22.87	23.22	22.66	24.00
		1	24	22.92	23.20	22.65	24.00
		12	0	21.63	21.85	21.66	23.00
		12	7	21.70	21.75	21.65	23.00
		12	13	21.68	21.72	21.54	23.00
		25	0	21.62	21.71	21.52	23.00
	64QAM	1	0	22.18	22.01	22.35	23.00
		1	12	22.07	22.17	22.22	23.00
		1	24	22.29	22.24	22.01	23.00
		12	0	20.49	20.71	20.74	22.00
		12	7	20.76	20.51	20.70	22.00
		12	13	20.52	20.62	20.66	22.00
		25	0	20.43	20.76	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.62	23.61	23.70	25.00
		1	25	**23.67**	23.69	**23.66**	25.00
		1	49	23.70	23.60	23.58	25.00
		25	0	22.53	22.77	22.68	24.00
		25	12	22.67	22.66	22.66	24.00
		25	25	22.60	22.63	22.60	24.00
		50	0	22.58	22.77	22.63	24.00
	16QAM	1	0	22.55	23.00	22.72	24.00
		1	25	22.53	23.06	22.74	24.00
		1	49	22.63	23.01	22.62	24.00
		25	0	21.55	21.81	21.76	23.00
		25	12	21.71	21.66	21.76	23.00

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		25	25	21.60	21.65	21.68	23.00
		50	0	21.52	21.71	21.64	23.00
	64QAM	1	0	22.04	22.08	22.09	23.00
		1	25	22.10	22.23	22.02	23.00
		1	49	22.18	22.09	22.12	23.00
		25	0	20.51	20.92	20.56	22.00
		25	12	20.57	20.51	20.79	22.00
		25	25	20.61	20.51	20.51	22.00
		50	0	20.48	20.74	20.54	22.00

LTE FDD Band 12 LTE B12-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.47	23.63	23.54	25.00
		1	3	23.54	23.64	23.53	25.00
		1	5	23.56	23.64	23.55	25.00
		3	0	23.56	23.65	23.57	25.00
		3	1	23.56	23.63	23.64	25.00
		3	3	23.61	23.61	23.61	25.00
		6	0	22.57	22.70	22.62	24.00
	16QAM	1	0	22.64	23.15	22.63	24.00
		1	3	22.72	23.04	22.66	24.00
		1	5	22.72	23.07	22.63	24.00
		3	0	22.67	22.89	22.71	24.00
		3	1	22.68	22.83	22.77	24.00
		3	3	22.70	22.82	22.72	24.00
		6	0	21.68	21.56	21.73	23.00
	64QAM	1	0	22.13	21.98	22.35	23.00
		1	3	22.31	22.32	22.11	23.00
		1	5	22.31	22.05	22.15	23.00
		3	0	22.11	21.98	22.35	23.00
		3	1	22.40	22.27	22.08	23.00
		3	3	22.46	22.06	22.00	23.00
		6	0	20.68	20.92	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.56	23.63	23.61	25.00
		1	8	23.55	23.57	23.53	25.00
		1	14	23.57	23.61	23.56	25.00
		8	0	22.56	22.62	22.63	24.00
		8	4	22.62	22.66	22.64	24.00
		8	7	22.59	22.61	22.56	24.00

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		15	0	22.57	22.61	22.58	24.00
	16QAM	1	0	22.49	23.07	22.72	24.00
		1	8	22.50	23.12	22.63	24.00
		1	14	22.50	23.04	22.63	24.00
		8	0	21.65	21.73	21.67	23.00
		8	4	21.70	21.72	21.65	23.00
		8	7	21.71	21.69	21.60	23.00
		15	0	21.62	21.61	21.52	23.00
	64QAM	1	0	22.09	22.16	22.19	23.00
		1	8	22.31	22.07	22.01	23.00
		1	14	22.22	22.00	21.96	23.00
		8	0	20.45	20.82	20.83	22.00
		8	4	20.62	20.77	20.56	22.00
		8	7	20.57	20.75	20.48	22.00
		15	0	20.45	20.81	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.70	23.73	23.65	25.00
		1	12	23.78	23.73	23.61	25.00
		1	24	23.82	23.71	23.62	25.00
		12	0	22.54	22.74	22.66	24.00
		12	7	22.64	22.66	22.61	24.00
		12	13	22.66	22.60	22.50	24.00
		25	0	22.61	22.65	22.56	24.00
	16QAM	1	0	22.82	23.27	22.71	24.00
		1	12	22.87	23.22	22.66	24.00
		1	24	22.92	23.20	22.65	24.00
		12	0	21.63	21.85	21.66	23.00
		12	7	21.70	21.75	21.65	23.00
		12	13	21.68	21.72	21.54	23.00
		25	0	21.62	21.71	21.52	23.00
	64QAM	1	0	22.18	22.01	22.35	23.00
		1	12	22.07	22.17	22.22	23.00
		1	24	22.29	22.24	22.01	23.00
		12	0	20.49	20.71	20.74	22.00
		12	7	20.76	20.51	20.70	22.00
		12	13	20.52	20.62	20.66	22.00
		25	0	20.43	20.76	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.62	23.61	23.70	25.00
		1	25	**23.67**	23.69	**23.66**	25.00
		1	49	23.70	23.60	23.58	25.00

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		25	0	22.53	22.77	22.68	24.00
		25	12	22.67	22.66	22.66	24.00
		25	25	22.60	22.63	22.60	24.00
		50	0	22.58	22.77	22.63	24.00
	16QAM	1	0	22.55	23.00	22.72	24.00
		1	25	22.53	23.06	22.74	24.00
		1	49	22.63	23.01	22.62	24.00
		25	0	21.55	21.81	21.76	23.00
		25	12	21.71	21.66	21.76	23.00
		25	25	21.60	21.65	21.68	23.00
		50	0	21.52	21.71	21.64	23.00
	64QAM	1	0	22.04	22.08	22.09	23.00
		1	25	22.10	22.23	22.02	23.00
		1	49	22.18	22.09	22.12	23.00
		25	0	20.51	20.92	20.56	22.00
		25	12	20.57	20.51	20.79	22.00
		25	25	20.61	20.51	20.51	22.00
		50	0	20.48	20.74	20.54	22.00

LTE FDD Band 12 LTE B12-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.47	23.63	23.54	25.00
		1	3	23.54	23.64	23.53	25.00
		1	5	23.56	23.64	23.55	25.00
		3	0	23.56	23.65	23.57	25.00
		3	1	23.56	23.63	23.64	25.00
		3	3	23.61	23.61	23.61	25.00
		6	0	22.57	22.70	22.62	24.00
	16QAM	1	0	22.64	23.15	22.63	24.00
		1	3	22.72	23.04	22.66	24.00
		1	5	22.72	23.07	22.63	24.00
		3	0	22.67	22.89	22.71	24.00
		3	1	22.68	22.83	22.77	24.00
		3	3	22.70	22.82	22.72	24.00
		6	0	21.68	21.56	21.73	23.00
	64QAM	1	0	22.13	21.98	22.35	23.00
		1	3	22.31	22.32	22.11	23.00
		1	5	22.31	22.05	22.15	23.00
		3	0	22.11	21.98	22.35	23.00
		3	1	22.40	22.27	22.08	23.00
		3	3	22.46	22.06	22.00	23.00

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		6	0	20.68	20.92	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.56	23.63	23.61	25.00
		1	8	23.55	23.57	23.53	25.00
		1	14	23.57	23.61	23.56	25.00
		8	0	22.56	22.62	22.63	24.00
		8	4	22.62	22.66	22.64	24.00
		8	7	22.59	22.61	22.56	24.00
		15	0	22.57	22.61	22.58	24.00
	16QAM	1	0	22.49	23.07	22.72	24.00
		1	8	22.50	23.12	22.63	24.00
		1	14	22.50	23.04	22.63	24.00
		8	0	21.65	21.73	21.67	23.00
		8	4	21.70	21.72	21.65	23.00
		8	7	21.71	21.69	21.60	23.00
		15	0	21.62	21.61	21.52	23.00
	64QAM	1	0	22.09	22.16	22.19	23.00
		1	8	22.31	22.07	22.01	23.00
		1	14	22.22	22.00	21.96	23.00
		8	0	20.45	20.82	20.83	22.00
		8	4	20.62	20.77	20.56	22.00
		8	7	20.57	20.75	20.48	22.00
		15	0	20.45	20.81	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.70	23.73	23.65	25.00
		1	12	23.78	23.73	23.61	25.00
		1	24	23.82	23.71	23.62	25.00
		12	0	22.54	22.74	22.66	24.00
		12	7	22.64	22.66	22.61	24.00
		12	13	22.66	22.60	22.50	24.00
		25	0	22.61	22.65	22.56	24.00
	16QAM	1	0	22.82	23.27	22.71	24.00
		1	12	22.87	23.22	22.66	24.00
		1	24	22.92	23.20	22.65	24.00
		12	0	21.63	21.85	21.66	23.00
		12	7	21.70	21.75	21.65	23.00
		12	13	21.68	21.72	21.54	23.00
		25	0	21.62	21.71	21.52	23.00
	64QAM	1	0	22.18	22.01	22.35	23.00
		1	12	22.07	22.17	22.22	23.00
		1	24	22.29	22.24	22.01	23.00

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		12	0	20.49	20.71	20.74	22.00
		12	7	20.76	20.51	20.70	22.00
		12	13	20.52	20.62	20.66	22.00
		25	0	20.43	20.76	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.62	23.61	23.70	25.00
		1	25	**23.67**	23.69	**23.66**	25.00
		1	49	23.70	23.60	23.58	25.00
		25	0	22.53	22.77	22.68	24.00
		25	12	22.67	22.66	22.66	24.00
		25	25	22.60	22.63	22.60	24.00
		50	0	22.58	22.77	22.63	24.00
	16QAM	1	0	22.55	23.00	22.72	24.00
		1	25	22.53	23.06	22.74	24.00
		1	49	22.63	23.01	22.62	24.00
		25	0	21.55	21.81	21.76	23.00
		25	12	21.71	21.66	21.76	23.00
		25	25	21.60	21.65	21.68	23.00
		50	0	21.52	21.71	21.64	23.00
	64QAM	1	0	22.04	22.08	22.09	23.00
		1	25	22.10	22.23	22.02	23.00
		1	49	22.18	22.09	22.12	23.00
		25	0	20.51	20.92	20.56	22.00
		25	12	20.57	20.51	20.79	22.00
		25	25	20.61	20.51	20.51	22.00
		50	0	20.48	20.74	20.54	22.00

LTE FDD Band 12 LTE B12-Level 4&5&6-Sensor on				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.47	23.63	23.54	25.00
		1	3	23.54	23.64	23.53	25.00
		1	5	23.56	23.64	23.55	25.00
		3	0	23.56	23.65	23.57	25.00
		3	1	23.56	23.63	23.64	25.00
		3	3	23.61	23.61	23.61	25.00
		6	0	22.57	22.70	22.62	24.00
	16QAM	1	0	22.64	23.15	22.63	24.00
		1	3	22.72	23.04	22.66	24.00
		1	5	22.72	23.07	22.63	24.00
		3	0	22.67	22.89	22.71	24.00

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		3	1	22.68	22.83	22.77	24.00
		3	3	22.70	22.82	22.72	24.00
		6	0	21.68	21.56	21.73	23.00
	64QAM	1	0	22.13	21.98	22.35	23.00
		1	3	22.31	22.32	22.11	23.00
		1	5	22.31	22.05	22.15	23.00
		3	0	22.11	21.98	22.35	23.00
		3	1	22.40	22.27	22.08	23.00
		3	3	22.46	22.06	22.00	23.00
		6	0	20.68	20.92	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.56	23.63	23.61	25.00
		1	8	23.55	23.57	23.53	25.00
		1	14	23.57	23.61	23.56	25.00
		8	0	22.56	22.62	22.63	24.00
		8	4	22.62	22.66	22.64	24.00
		8	7	22.59	22.61	22.56	24.00
		15	0	22.57	22.61	22.58	24.00
	16QAM	1	0	22.49	23.07	22.72	24.00
		1	8	22.50	23.12	22.63	24.00
		1	14	22.50	23.04	22.63	24.00
		8	0	21.65	21.73	21.67	23.00
		8	4	21.70	21.72	21.65	23.00
		8	7	21.71	21.69	21.60	23.00
		15	0	21.62	21.61	21.52	23.00
	64QAM	1	0	22.09	22.16	22.19	23.00
		1	8	22.31	22.07	22.01	23.00
		1	14	22.22	22.00	21.96	23.00
		8	0	20.45	20.82	20.83	22.00
		8	4	20.62	20.77	20.56	22.00
		8	7	20.57	20.75	20.48	22.00
		15	0	20.45	20.81	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.70	23.73	23.65	25.00
		1	12	23.78	23.73	23.61	25.00
		1	24	23.82	23.71	23.62	25.00
		12	0	22.54	22.74	22.66	24.00
		12	7	22.64	22.66	22.61	24.00
		12	13	22.66	22.60	22.50	24.00
		25	0	22.61	22.65	22.56	24.00
	16QAM	1	0	22.82	23.27	22.71	24.00

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		1	12	22.87	23.22	22.66	24.00
		1	24	22.92	23.20	22.65	24.00
		12	0	21.63	21.85	21.66	23.00
		12	7	21.70	21.75	21.65	23.00
		12	13	21.68	21.72	21.54	23.00
		25	0	21.62	21.71	21.52	23.00
	64QAM	1	0	22.18	22.01	22.35	23.00
		1	12	22.07	22.17	22.22	23.00
		1	24	22.29	22.24	22.01	23.00
		12	0	20.49	20.71	20.74	22.00
		12	7	20.76	20.51	20.70	22.00
		12	13	20.52	20.62	20.66	22.00
		25	0	20.43	20.76	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.62	23.61	23.70	25.00
		1	25	**23.67**	23.69	**23.66**	25.00
		1	49	23.70	23.60	23.58	25.00
		25	0	22.53	22.77	22.68	24.00
		25	12	22.67	22.66	22.66	24.00
		25	25	22.60	22.63	22.60	24.00
		50	0	22.58	22.77	22.63	24.00
	16QAM	1	0	22.55	23.00	22.72	24.00
		1	25	22.53	23.06	22.74	24.00
		1	49	22.63	23.01	22.62	24.00
		25	0	21.55	21.81	21.76	23.00
		25	12	21.71	21.66	21.76	23.00
		25	25	21.60	21.65	21.68	23.00
		50	0	21.52	21.71	21.64	23.00
	64QAM	1	0	22.04	22.08	22.09	23.00
		1	25	22.10	22.23	22.02	23.00
		1	49	22.18	22.09	22.12	23.00
		25	0	20.51	20.92	20.56	22.00
		25	12	20.57	20.51	20.79	22.00
		25	25	20.61	20.51	20.51	22.00
		50	0	20.48	20.74	20.54	22.00

LTE FDD Band 12 LTE B12-Level 4&5&6-Sensor off				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.47	23.63	23.54	25.00
		1	3	23.54	23.64	23.53	25.00

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		1	5	23.56	23.64	23.55	25.00
		3	0	23.56	23.65	23.57	25.00
		3	1	23.56	23.63	23.64	25.00
		3	3	23.61	23.61	23.61	25.00
		6	0	22.57	22.70	22.62	24.00
	16QAM	1	0	22.64	23.15	22.63	24.00
		1	3	22.72	23.04	22.66	24.00
		1	5	22.72	23.07	22.63	24.00
		3	0	22.67	22.89	22.71	24.00
		3	1	22.68	22.83	22.77	24.00
		3	3	22.70	22.82	22.72	24.00
		6	0	21.68	21.56	21.73	23.00
	64QAM	1	0	22.13	21.98	22.35	23.00
		1	3	22.31	22.32	22.11	23.00
		1	5	22.31	22.05	22.15	23.00
		3	0	22.11	21.98	22.35	23.00
		3	1	22.40	22.27	22.08	23.00
		3	3	22.46	22.06	22.00	23.00
		6	0	20.68	20.92	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				23025/700.5	23095/707.5	23165/714.5	Limit
3MHz	QPSK	1	0	23.56	23.63	23.61	25.00
		1	8	23.55	23.57	23.53	25.00
		1	14	23.57	23.61	23.56	25.00
		8	0	22.56	22.62	22.63	24.00
		8	4	22.62	22.66	22.64	24.00
		8	7	22.59	22.61	22.56	24.00
		15	0	22.57	22.61	22.58	24.00
	16QAM	1	0	22.49	23.07	22.72	24.00
		1	8	22.50	23.12	22.63	24.00
		1	14	22.50	23.04	22.63	24.00
		8	0	21.65	21.73	21.67	23.00
		8	4	21.70	21.72	21.65	23.00
		8	7	21.71	21.69	21.60	23.00
		15	0	21.62	21.61	21.52	23.00
	64QAM	1	0	22.09	22.16	22.19	23.00
		1	8	22.31	22.07	22.01	23.00
		1	14	22.22	22.00	21.96	23.00
		8	0	20.45	20.82	20.83	22.00
		8	4	20.62	20.77	20.56	22.00
		8	7	20.57	20.75	20.48	22.00
		15	0	20.45	20.81	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				23035/701.5	23095/707.5	23155/713.5	Limit
5MHz	QPSK	1	0	23.70	23.73	23.65	25.00
		1	12	23.78	23.73	23.61	25.00
		1	24	23.82	23.71	23.62	25.00
		12	0	22.54	22.74	22.66	24.00
		12	7	22.64	22.66	22.61	24.00
		12	13	22.66	22.60	22.50	24.00
		25	0	22.61	22.65	22.56	24.00
	16QAM	1	0	22.82	23.27	22.71	24.00
		1	12	22.87	23.22	22.66	24.00
		1	24	22.92	23.20	22.65	24.00
		12	0	21.63	21.85	21.66	23.00
		12	7	21.70	21.75	21.65	23.00
		12	13	21.68	21.72	21.54	23.00
		25	0	21.62	21.71	21.52	23.00
	64QAM	1	0	22.18	22.01	22.35	23.00
		1	12	22.07	22.17	22.22	23.00
		1	24	22.29	22.24	22.01	23.00
		12	0	20.49	20.71	20.74	22.00
		12	7	20.76	20.51	20.70	22.00
		12	13	20.52	20.62	20.66	22.00
		25	0	20.43	20.76	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.62	23.61	23.70	25.00
		1	25	**23.67**	23.69	**23.66**	25.00
		1	49	23.70	23.60	23.58	25.00
		25	0	22.53	22.77	22.68	24.00
		25	12	22.67	22.66	22.66	24.00
		25	25	22.60	22.63	22.60	24.00
		50	0	22.58	22.77	22.63	24.00
	16QAM	1	0	22.55	23.00	22.72	24.00
		1	25	22.53	23.06	22.74	24.00
		1	49	22.63	23.01	22.62	24.00
		25	0	21.55	21.81	21.76	23.00
		25	12	21.71	21.66	21.76	23.00
		25	25	21.60	21.65	21.68	23.00
		50	0	21.52	21.71	21.64	23.00
	64QAM	1	0	22.04	22.08	22.09	23.00
		1	25	22.10	22.23	22.02	23.00
		1	49	22.18	22.09	22.12	23.00
		25	0	20.51	20.92	20.56	22.00
		25	12	20.57	20.51	20.79	22.00

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		25	25	20.61	20.51	20.51	22.00
		50	0	20.48	20.74	20.54	22.00

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LTE FDD Band 17 LTE B17-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23755/706.5	23790/710	23825/713.5	
5MHz	QPSK	1	0	23.97	23.78	23.84	25.00
		1	12	24.07	23.78	23.80	25.00
		1	24	24.02	23.75	23.79	25.00
		12	0	22.84	22.81	22.74	24.00
		12	7	22.82	22.77	22.73	24.00
		12	13	22.77	22.75	22.68	24.00
		25	0	22.78	22.78	22.78	24.00
	16QAM	1	0	23.04	23.40	22.84	24.00
		1	12	23.16	23.39	22.79	24.00
		1	24	23.08	23.37	22.76	24.00
		12	0	21.83	21.95	21.78	23.00
		12	7	21.87	21.91	21.78	23.00
		12	13	21.81	21.91	21.69	23.00
		25	0	21.84	21.84	21.70	23.00
	64QAM	1	0	22.20	22.39	22.47	23.00
		1	12	22.40	22.34	22.30	23.00
		1	24	22.33	22.14	22.22	23.00
		12	0	20.87	20.99	20.85	22.00
		12	7	20.84	20.68	20.79	22.00
		12	13	20.79	20.64	20.75	22.00
		25	0	20.66	20.68	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23780/709	23790/710	23800/711	
10MHz	QPSK	1	0	23.80	23.77	23.83	25.00
		1	25	23.80	23.79	23.80	25.00
		1	49	23.75	23.71	23.70	25.00
		25	0	22.89	22.85	22.86	24.00
		25	12	22.79	22.79	22.80	24.00
		25	25	22.80	22.77	22.73	24.00
		50	0	22.80	22.82	22.81	24.00
	16QAM	1	0	22.69	23.14	22.88	24.00
		1	25	22.72	23.17	22.85	24.00
		1	49	22.63	23.08	22.74	24.00
		25	0	21.89	21.92	21.97	23.00
		25	12	21.83	21.82	21.92	23.00
		25	25	21.84	21.86	21.83	23.00
		50	0	21.79	21.79	21.86	23.00
	64QAM	1	0	22.35	22.22	22.34	23.00

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		1	25	22.20	22.31	22.22	23.00
		1	49	22.17	22.21	22.08	23.00
		25	0	20.93	20.74	20.77	22.00
		25	12	20.77	20.92	20.82	22.00
		25	25	20.77	20.83	20.85	22.00
		50	0	20.88	20.70	20.73	22.00

LTE FDD Band 17 LTE B17-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23755/706.5	23790/710	23825/713.5	
5MHz	QPSK	1	0	23.97	23.78	23.84	25.00
		1	12	24.07	23.78	23.80	25.00
		1	24	24.02	23.75	23.79	25.00
		12	0	22.84	22.81	22.74	24.00
		12	7	22.82	22.77	22.73	24.00
		12	13	22.77	22.75	22.68	24.00
		25	0	22.78	22.78	22.78	24.00
	16QAM	1	0	23.04	23.40	22.84	24.00
		1	12	23.16	23.39	22.79	24.00
		1	24	23.08	23.37	22.76	24.00
		12	0	21.83	21.95	21.78	23.00
		12	7	21.87	21.91	21.78	23.00
		12	13	21.81	21.91	21.69	23.00
		25	0	21.84	21.84	21.70	23.00
	64QAM	1	0	22.20	22.39	22.47	23.00
		1	12	22.40	22.34	22.30	23.00
		1	24	22.33	22.14	22.22	23.00
		12	0	20.87	20.99	20.85	22.00
		12	7	20.84	20.68	20.79	22.00
		12	13	20.79	20.64	20.75	22.00
		25	0	20.66	20.68	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23780/709	23790/710	23800/711	
10MHz	QPSK	1	0	23.80	23.77	23.83	25.00
		1	25	23.80	23.79	23.80	25.00
		1	49	23.75	23.71	23.70	25.00
		25	0	22.89	22.85	22.86	24.00
		25	12	22.79	22.79	22.80	24.00
		25	25	22.80	22.77	22.73	24.00
		50	0	22.80	22.82	22.81	24.00
	16QAM	1	0	22.69	23.14	22.88	24.00
		1	25	22.72	23.17	22.85	24.00

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		1	49	22.63	23.08	22.74	24.00
		25	0	21.89	21.92	21.97	23.00
		25	12	21.83	21.82	21.92	23.00
		25	25	21.84	21.86	21.83	23.00
		50	0	21.79	21.79	21.86	23.00
	64QAM	1	0	22.35	22.22	22.34	23.00
		1	25	22.20	22.31	22.22	23.00
		1	49	22.17	22.21	22.08	23.00
		25	0	20.93	20.74	20.77	22.00
		25	12	20.77	20.92	20.82	22.00
		25	25	20.77	20.83	20.85	22.00
		50	0	20.88	20.70	20.73	22.00

LTE FDD Band 17 LTE B17-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23755/706.5	23790/710	23825/713.5	
5MHz	QPSK	1	0	23.97	23.78	23.84	25.00
		1	12	24.07	23.78	23.80	25.00
		1	24	24.02	23.75	23.79	25.00
		12	0	22.84	22.81	22.74	24.00
		12	7	22.82	22.77	22.73	24.00
		12	13	22.77	22.75	22.68	24.00
		25	0	22.78	22.78	22.78	24.00
	16QAM	1	0	23.04	23.40	22.84	24.00
		1	12	23.16	23.39	22.79	24.00
		1	24	23.08	23.37	22.76	24.00
		12	0	21.83	21.95	21.78	23.00
		12	7	21.87	21.91	21.78	23.00
		12	13	21.81	21.91	21.69	23.00
		25	0	21.84	21.84	21.70	23.00
	64QAM	1	0	22.20	22.39	22.47	23.00
		1	12	22.40	22.34	22.30	23.00
		1	24	22.33	22.14	22.22	23.00
		12	0	20.87	20.99	20.85	22.00
		12	7	20.84	20.68	20.79	22.00
		12	13	20.79	20.64	20.75	22.00
		25	0	20.66	20.68	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23780/709	23790/710	23800/711	
10MHz	QPSK	1	0	23.80	23.77	23.83	25.00
		1	25	23.80	23.79	23.80	25.00
		1	49	23.75	23.71	23.70	25.00

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		25	0	22.89	22.85	22.86	24.00
		25	12	22.79	22.79	22.80	24.00
		25	25	22.80	22.77	22.73	24.00
		50	0	22.80	22.82	22.81	24.00
	16QAM	1	0	22.69	23.14	22.88	24.00
		1	25	22.72	23.17	22.85	24.00
		1	49	22.63	23.08	22.74	24.00
		25	0	21.89	21.92	21.97	23.00
		25	12	21.83	21.82	21.92	23.00
		25	25	21.84	21.86	21.83	23.00
		50	0	21.79	21.79	21.86	23.00
	64QAM	1	0	22.35	22.22	22.34	23.00
		1	25	22.20	22.31	22.22	23.00
		1	49	22.17	22.21	22.08	23.00
		25	0	20.93	20.74	20.77	22.00
		25	12	20.77	20.92	20.82	22.00
		25	25	20.77	20.83	20.85	22.00
		50	0	20.88	20.70	20.73	22.00

LTE FDD Band 17 LTE B17-4&L5&6-Sensor on				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23755/706.5	23790/710	23825/713.5	
5MHz	QPSK	1	0	23.97	23.78	23.84	25.00
		1	12	24.07	23.78	23.80	25.00
		1	24	24.02	23.75	23.79	25.00
		12	0	22.84	22.81	22.74	24.00
		12	7	22.82	22.77	22.73	24.00
		12	13	22.77	22.75	22.68	24.00
		25	0	22.78	22.78	22.78	24.00
	16QAM	1	0	23.04	23.40	22.84	24.00
		1	12	23.16	23.39	22.79	24.00
		1	24	23.08	23.37	22.76	24.00
		12	0	21.83	21.95	21.78	23.00
		12	7	21.87	21.91	21.78	23.00
		12	13	21.81	21.91	21.69	23.00
		25	0	21.84	21.84	21.70	23.00
	64QAM	1	0	22.20	22.39	22.47	23.00
		1	12	22.40	22.34	22.30	23.00
		1	24	22.33	22.14	22.22	23.00
		12	0	20.87	20.99	20.85	22.00
		12	7	20.84	20.68	20.79	22.00
		12	13	20.79	20.64	20.75	22.00

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		25	0	20.66	20.68	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23780/709	23790/710	23800/711	
10MHz	QPSK	1	0	23.80	23.77	23.83	25.00
		1	25	23.80	23.79	23.80	25.00
		1	49	23.75	23.71	23.70	25.00
		25	0	22.89	22.85	22.86	24.00
		25	12	22.79	22.79	22.80	24.00
		25	25	22.80	22.77	22.73	24.00
		50	0	22.80	22.82	22.81	24.00
	16QAM	1	0	22.69	23.14	22.88	24.00
		1	25	22.72	23.17	22.85	24.00
		1	49	22.63	23.08	22.74	24.00
		25	0	21.89	21.92	21.97	23.00
		25	12	21.83	21.82	21.92	23.00
		25	25	21.84	21.86	21.83	23.00
		50	0	21.79	21.79	21.86	23.00
	64QAM	1	0	22.35	22.22	22.34	23.00
		1	25	22.20	22.31	22.22	23.00
		1	49	22.17	22.21	22.08	23.00
		25	0	20.93	20.74	20.77	22.00
		25	12	20.77	20.92	20.82	22.00
		25	25	20.77	20.83	20.85	22.00
		50	0	20.88	20.70	20.73	22.00

LTE FDD Band 17 LTE B17-Level 4&5&6-Sensor off				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23755/706.5	23790/710	23825/713.5	
5MHz	QPSK	1	0	23.97	23.78	23.84	25.00
		1	12	24.07	23.78	23.80	25.00
		1	24	24.02	23.75	23.79	25.00
		12	0	22.84	22.81	22.74	24.00
		12	7	22.82	22.77	22.73	24.00
		12	13	22.77	22.75	22.68	24.00
		25	0	22.78	22.78	22.78	24.00
	16QAM	1	0	23.04	23.40	22.84	24.00
		1	12	23.16	23.39	22.79	24.00
		1	24	23.08	23.37	22.76	24.00
		12	0	21.83	21.95	21.78	23.00
		12	7	21.87	21.91	21.78	23.00
		12	13	21.81	21.91	21.69	23.00
		25	0	21.84	21.84	21.70	23.00

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	64QAM	1	0	22.20	22.39	22.47	23.00
		1	12	22.40	22.34	22.30	23.00
		1	24	22.33	22.14	22.22	23.00
		12	0	20.87	20.99	20.85	22.00
		12	7	20.84	20.68	20.79	22.00
		12	13	20.79	20.64	20.75	22.00
		25	0	20.66	20.68	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23780/709	23790/710	23800/711	
10MHz	QPSK	1	0	23.80	23.77	23.83	25.00
		1	25	23.80	23.79	23.80	25.00
		1	49	23.75	23.71	23.70	25.00
		25	0	22.89	22.85	22.86	24.00
		25	12	22.79	22.79	22.80	24.00
		25	25	22.80	22.77	22.73	24.00
		50	0	22.80	22.82	22.81	24.00
	16QAM	1	0	22.69	23.14	22.88	24.00
		1	25	22.72	23.17	22.85	24.00
		1	49	22.63	23.08	22.74	24.00
		25	0	21.89	21.92	21.97	23.00
		25	12	21.83	21.82	21.92	23.00
		25	25	21.84	21.86	21.83	23.00
		50	0	21.79	21.79	21.86	23.00
	64QAM	1	0	22.35	22.22	22.34	23.00
		1	25	22.20	22.31	22.22	23.00
		1	49	22.17	22.21	22.08	23.00
		25	0	20.93	20.74	20.77	22.00
		25	12	20.77	20.92	20.82	22.00
		25	25	20.77	20.83	20.85	22.00
		50	0	20.88	20.70	20.73	22.00

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LTE FDD Band 26 LTE B26-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				26697/814.7	26865/831.5	27033/848.3	
1.4MHz	QPSK	1	0	23.53	23.57	23.52	25.00
		1	3	23.51	23.58	23.53	25.00
		1	5	23.52	23.54	23.55	25.00
		3	0	23.67	23.60	23.63	25.00
		3	1	23.67	23.61	23.63	25.00
		3	3	23.65	23.60	23.63	25.00
		6	0	22.68	22.67	22.65	24.00
	16QAM	1	0	22.78	23.04	22.61	24.00
		1	3	22.77	23.00	22.59	24.00
		1	5	22.76	23.00	22.57	24.00
		3	0	22.73	22.84	22.75	24.00
		3	1	22.73	22.83	22.73	24.00
		3	3	22.74	22.84	22.73	24.00
		6	0	21.84	21.51	21.82	23.00
	64QAM	1	0	22.16	22.05	21.92	23.00
		1	3	22.05	22.00	21.77	23.00
		1	5	22.17	22.02	21.95	23.00
		3	0	22.16	21.97	21.78	23.00
		3	1	22.06	22.02	21.79	23.00
		3	3	22.21	22.05	21.88	23.00
		6	0	20.69	20.61	20.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	23.75	23.59	23.55	25.00
		1	8	23.74	23.60	23.56	25.00
		1	14	23.70	23.54	23.54	25.00
		8	0	22.67	22.63	22.65	24.00
		8	4	22.69	22.62	22.64	24.00
		8	7	22.65	22.65	22.61	24.00
		15	0	22.69	22.65	22.64	24.00
	16QAM	1	0	22.61	23.02	22.64	24.00
		1	8	22.61	23.01	22.60	24.00
		1	14	22.55	23.02	22.56	24.00
		8	0	21.83	21.71	21.68	23.00
		8	4	21.79	21.73	21.69	23.00
		8	7	21.78	21.71	21.62	23.00
		15	0	21.73	21.66	21.60	23.00
	64QAM	1	0	22.34	22.17	21.89	23.00

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		1	8	22.28	22.19	22.00	23.00
		1	14	22.18	22.05	21.90	23.00
		8	0	20.55	20.46	20.60	22.00
		8	4	20.55	20.72	20.51	22.00
		8	7	20.55	20.63	20.56	22.00
		15	0	20.68	20.66	20.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	23.89	23.59	23.65	25.00
		1	12	23.89	23.67	23.65	25.00
		1	24	23.93	23.63	23.65	25.00
		12	0	22.74	22.63	22.67	24.00
		12	7	22.70	22.69	22.65	24.00
		12	13	22.65	22.64	22.51	24.00
		25	0	22.65	22.64	22.67	24.00
	16QAM	1	0	23.06	23.23	22.63	24.00
		1	12	23.00	23.28	22.59	24.00
		1	24	22.99	23.26	22.58	24.00
		12	0	21.76	21.74	21.75	23.00
		12	7	21.73	21.75	21.69	23.00
		12	13	21.71	21.78	21.53	23.00
		25	0	21.72	21.72	21.65	23.00
	64QAM	1	0	22.36	21.97	21.69	23.00
		1	12	22.03	22.29	22.03	23.00
		1	24	22.07	21.81	21.77	23.00
		12	0	20.69	20.67	20.54	22.00
		12	7	20.73	20.65	20.39	22.00
		12	13	20.69	20.67	20.38	22.00
		25	0	20.78	20.42	20.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26750/820	26865/831.5	26990/844	
10MHz	QPSK	1	0	23.76	23.58	23.41	25.00
		1	25	**23.72**	23.62	**23.46**	25.00
		1	49	23.64	23.55	23.42	25.00
		25	0	22.72	22.59	22.56	24.00
		25	12	22.66	22.63	22.50	24.00
		25	25	22.62	22.59	22.37	24.00
		50	0	22.65	22.62	22.50	24.00
	16QAM	1	0	22.59	22.95	22.46	24.00
		1	25	22.57	23.00	22.48	24.00
		1	49	22.50	22.93	22.39	24.00
		25	0	21.73	21.69	21.68	23.00
		25	12	21.73	21.66	21.62	23.00

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		25	25	21.67	21.63	21.44	23.00
		50	0	21.66	21.61	21.50	23.00
	64QAM	1	0	22.20	22.12	21.88	23.00
		1	25	22.15	22.07	22.01	23.00
		1	49	21.91	21.95	21.72	23.00
		25	0	20.66	20.47	20.53	22.00
		25	12	20.68	20.72	20.41	22.00
		25	25	20.49	20.56	20.34	22.00
		50	0	20.78	20.70	20.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	23.71	23.54	23.34	25.00
		1	37	23.64	23.64	23.40	25.00
		1	74	23.54	23.45	23.31	25.00
		36	0	22.64	22.56	22.49	24.00
		36	20	22.59	22.63	22.48	24.00
		36	39	22.61	22.55	22.42	24.00
		75	0	22.63	22.57	22.49	24.00
	16QAM	1	0	22.57	22.95	22.81	24.00
		1	37	22.51	23.02	22.80	24.00
		1	74	22.44	22.83	22.67	24.00
		36	0	21.66	21.67	21.49	23.00
		36	20	21.66	21.64	21.49	23.00
		36	39	21.60	21.60	21.41	23.00
		75	0	21.64	21.57	21.45	23.00
	64QAM	1	0	22.14	22.07	21.90	23.00
		1	37	22.17	22.09	22.01	23.00
		1	74	21.98	21.81	21.87	23.00
		36	0	20.62	20.41	20.60	22.00
		36	20	20.45	20.62	20.56	22.00
		36	39	20.46	20.44	20.27	22.00
		75	0	20.59	20.53	20.35	22.00

LTE FDD Band 26 LTE B26-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				26697/814.7	26865/831.5	27033/848.3	
1.4MHz	QPSK	1	0	22.53	22.55	22.24	24.00
		1	3	22.62	22.44	22.22	24.00
		1	5	22.44	22.21	22.18	24.00
		3	0	22.56	22.54	22.31	24.00
		3	1	22.48	22.54	22.39	24.00
		3	3	22.38	22.45	22.29	24.00

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		6	0	22.58	22.60	22.48	24.00
	16QAM	1	0	22.74	23.03	22.49	24.00
		1	3	22.62	22.91	22.50	24.00
		1	5	22.63	22.90	22.53	24.00
		3	0	22.54	22.64	22.55	24.00
		3	1	22.71	22.72	22.64	24.00
		3	3	22.73	22.78	22.67	24.00
		6	0	21.83	21.40	21.73	23.00
	64QAM	1	0	21.96	21.96	21.78	23.00
		1	3	21.85	21.81	21.62	23.00
		1	5	22.05	22.00	21.93	23.00
		3	0	22.08	21.91	21.72	23.00
		3	1	21.96	21.98	21.79	23.00
		3	3	22.06	21.85	21.84	23.00
		6	0	20.69	20.48	20.26	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	22.53	22.44	22.30	24.00
		1	8	22.62	22.34	22.32	24.00
		1	14	22.53	22.27	22.34	24.00
		8	0	22.57	22.57	22.35	24.00
		8	4	22.59	22.50	22.38	24.00
		8	7	22.48	22.39	22.30	24.00
		15	0	22.45	22.45	22.41	24.00
	16QAM	1	0	22.37	22.41	22.07	24.00
		1	8	22.43	22.41	22.12	24.00
		1	14	22.30	22.24	22.01	24.00
		8	0	22.37	22.38	22.41	23.00
		8	4	22.51	22.33	22.07	23.00
		8	7	22.41	22.50	22.25	23.00
		15	0	22.46	22.41	22.21	23.00
	64QAM	1	0	22.53	22.30	22.21	23.00
		1	8	22.36	22.30	22.19	23.00
		1	14	22.36	22.31	21.99	23.00
		8	0	20.43	20.30	20.42	22.00
		8	4	20.32	20.47	20.48	22.00
		8	7	20.33	20.40	20.09	22.00
		15	0	20.54	20.52	20.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	22.54	22.48	22.23	24.00
		1	12	22.50	22.42	22.34	24.00
		1	24	22.42	22.25	22.32	24.00

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		12	0	22.52	22.38	22.45	24.00
		12	7	22.51	22.58	22.26	24.00
		12	13	22.37	22.49	22.34	24.00
		25	0	22.50	22.41	22.37	24.00
	16QAM	1	0	22.44	22.49	22.08	24.00
		1	12	22.51	22.36	22.02	24.00
		1	24	22.27	22.20	22.12	24.00
		12	0	22.32	22.35	22.34	23.00
		12	7	22.46	22.49	22.04	23.00
		12	13	22.27	22.51	22.15	23.00
		25	0	22.54	22.41	22.19	23.00
	64QAM	1	0	22.43	22.37	22.21	23.00
		1	12	22.35	22.16	22.20	23.00
		1	24	22.27	22.23	21.96	23.00
		12	0	20.50	20.24	20.53	22.00
		12	7	20.39	20.61	20.36	22.00
		12	13	20.36	20.35	20.17	22.00
		25	0	20.39	20.51	20.24	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26750/820	26865/831.5	26990/844	
10MHz	QPSK	1	0	22.63	22.59	22.19	24.00
		1	25	**22.52**	22.52	**22.20**	24.00
		1	49	22.41	22.30	22.20	24.00
		25	0	22.49	22.57	22.42	24.00
		25	12	22.58	22.46	22.37	24.00
		25	25	22.54	22.51	22.37	24.00
		50	0	22.58	22.43	22.29	24.00
	16QAM	1	0	22.44	22.49	22.14	24.00
		1	25	22.44	22.39	22.08	24.00
		1	49	22.22	22.22	22.14	24.00
		25	0	22.38	22.34	22.36	23.00
		25	12	22.51	22.40	22.10	23.00
		25	25	22.30	22.34	22.25	23.00
		50	0	22.52	22.45	22.21	23.00
	64QAM	1	0	22.48	22.40	22.28	23.00
		1	25	22.53	22.25	22.23	23.00
		1	49	22.39	22.33	22.15	23.00
		25	0	20.47	20.26	20.42	22.00
		25	12	20.26	20.46	20.46	22.00
		25	25	20.27	20.27	20.09	22.00
		50	0	20.52	20.47	20.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26775/822.5	26865/831.5	26965/841.5	

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15MHz	QPSK	1	0	22.46	22.43	22.22	24.00
		1	37	22.59	22.46	22.24	24.00
		1	74	22.45	22.32	22.23	24.00
		36	0	22.52	22.55	22.27	24.00
		36	20	22.55	22.57	22.30	24.00
		36	39	22.51	22.39	22.30	24.00
		75	0	22.52	22.56	22.33	24.00
	16QAM	1	0	22.41	22.40	22.07	24.00
		1	37	22.54	22.39	22.05	24.00
		1	74	22.31	22.21	22.03	24.00
		36	0	22.33	22.43	22.38	23.00
		36	20	22.56	22.34	22.21	23.00
		36	39	22.38	22.33	22.18	23.00
		75	0	22.47	22.37	22.13	23.00
	64QAM	1	0	22.61	22.27	22.16	23.00
		1	37	22.40	22.32	22.07	23.00
		1	74	22.29	22.25	22.07	23.00
		36	0	20.45	20.27	20.58	22.00
		36	20	20.29	20.57	20.44	22.00
		36	39	20.31	20.43	20.23	22.00
		75	0	20.43	20.39	20.21	22.00

LTE FDD Band 26 LTE B26-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				26697/814.7	26865/831.5	27033/848.3	
1.4MHz	QPSK	1	0	20.47	20.61	20.20	22.00
		1	3	20.60	20.42	20.18	22.00
		1	5	20.39	20.36	20.18	22.00
		3	0	20.47	20.50	20.36	22.00
		3	1	20.64	20.56	20.41	22.00
		3	3	20.48	20.38	20.32	22.00
		6	0	20.39	20.52	20.41	22.00
	16QAM	1	0	20.43	20.32	20.14	22.00
		1	3	20.43	20.32	20.08	22.00
		1	5	20.40	20.15	20.08	22.00
		3	0	20.31	20.41	20.26	22.00
		3	1	20.44	20.44	20.06	22.00
		3	3	20.37	20.34	20.23	22.00
		6	0	20.51	20.51	20.23	22.00
	64QAM	1	0	20.61	20.26	20.26	22.00
		1	3	20.53	20.22	20.11	22.00
		1	5	20.31	20.22	20.11	22.00

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		3	0	20.57	20.39	20.22	22.00
		3	1	20.44	20.38	20.07	22.00
		3	3	20.44	20.42	20.27	22.00
		6	0	20.21	20.35	20.42	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	20.61	20.59	20.32	22.00
		1	8	20.60	20.34	20.16	22.00
		1	14	20.46	20.27	20.18	22.00
		8	0	20.46	20.55	20.38	22.00
		8	4	20.46	20.50	20.42	22.00
		8	7	20.42	20.49	20.35	22.00
		15	0	20.38	20.49	20.33	22.00
	16QAM	1	0	20.41	20.46	20.06	22.00
		1	8	20.51	20.30	20.13	22.00
		1	14	20.24	20.31	20.01	22.00
		8	0	20.28	20.34	20.26	22.00
		8	4	20.45	20.35	20.15	22.00
		8	7	20.39	20.45	20.15	22.00
		15	0	20.40	20.45	20.14	22.00
	64QAM	1	0	20.48	20.37	20.16	22.00
		1	8	20.43	20.34	20.24	22.00
		1	14	20.27	20.19	20.10	22.00
		8	0	20.55	20.47	20.21	22.00
		8	4	20.45	20.44	20.16	22.00
		8	7	20.53	20.39	20.14	22.00
		15	0	20.34	20.35	20.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	20.53	20.48	20.12	22.00
		1	12	20.55	20.52	20.30	22.00
		1	24	20.38	20.35	20.15	22.00
		12	0	20.58	20.45	20.40	22.00
		12	7	20.51	20.40	20.31	22.00
		12	13	20.42	20.52	20.27	22.00
		25	0	20.52	20.36	20.41	22.00
	16QAM	1	0	20.53	20.36	20.35	22.00
		1	12	20.60	20.31	20.11	22.00
		1	24	20.37	20.21	20.06	22.00
		12	0	20.38	20.38	20.42	22.00
		12	7	20.58	20.42	20.19	22.00
		12	13	20.28	20.50	20.10	22.00
		25	0	20.48	20.47	20.31	22.00

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	64QAM	1	0	20.62	20.31	20.30	22.00
		1	12	20.34	20.35	20.22	22.00
		1	24	20.39	20.22	20.02	22.00
		12	0	20.49	20.33	20.15	22.00
		12	7	20.56	20.47	20.21	22.00
		12	13	20.37	20.37	20.20	22.00
		25	0	20.39	20.33	20.29	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26750/820	26865/831.5	26990/844	
10MHz	QPSK	1	0	20.55	20.57	20.13	22.00
		1	25	**20.49**	20.38	**20.36**	22.00
		1	49	20.48	20.34	20.26	22.00
		25	0	20.55	20.39	20.37	22.00
		25	12	20.53	20.44	20.35	22.00
		25	25	20.47	20.35	20.23	22.00
		50	0	20.55	20.42	20.24	22.00
	16QAM	1	0	20.51	20.38	20.05	22.00
		1	25	20.57	20.48	20.07	22.00
		1	49	20.35	20.20	20.06	22.00
		25	0	20.22	20.48	20.29	22.00
		25	12	20.52	20.39	20.18	22.00
		25	25	20.38	20.32	20.12	22.00
		50	0	20.45	20.52	20.26	22.00
	64QAM	1	0	20.47	20.27	20.17	22.00
		1	25	20.44	20.35	20.20	22.00
		1	49	20.19	20.32	20.11	22.00
		25	0	20.51	20.41	20.07	22.00
		25	12	20.45	20.57	20.18	22.00
		25	25	20.54	20.35	20.15	22.00
		50	0	20.27	20.48	20.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	20.66	20.63	20.32	22.00
		1	37	20.63	20.54	20.36	22.00
		1	74	20.53	20.40	20.35	22.00
		36	0	20.58	20.58	20.45	22.00
		36	20	20.64	20.59	20.43	22.00
		36	39	20.56	20.52	20.40	22.00
		75	0	20.58	20.56	20.43	22.00
	16QAM	1	0	20.54	20.49	20.17	22.00
		1	37	20.61	20.49	20.17	22.00
		1	74	20.42	20.34	20.19	22.00
		36	0	20.41	20.52	20.44	22.00

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		36	20	20.63	20.49	20.23	22.00
		36	39	20.43	20.51	20.26	22.00
		75	0	20.57	20.52	20.33	22.00
	64QAM	1	0	20.63	20.45	20.31	22.00
		1	37	20.53	20.36	20.25	22.00
		1	74	20.39	20.37	20.15	22.00
		36	0	20.58	20.47	20.27	22.00
		36	20	20.62	20.57	20.27	22.00
		36	39	20.54	20.50	20.34	22.00
		75	0	20.41	20.51	20.43	22.00

LTE FDD Band 26 LTE B26-Level 4&5&6-Sensor on				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				26697/814.7	26865/831.5	27033/848.3	
1.4MHz	QPSK	1	0	23.53	23.57	23.52	25.00
		1	3	23.51	23.58	23.53	25.00
		1	5	23.52	23.54	23.55	25.00
		3	0	23.67	23.60	23.63	25.00
		3	1	23.67	23.61	23.63	25.00
		3	3	23.65	23.60	23.63	25.00
		6	0	22.68	22.67	22.65	24.00
	16QAM	1	0	22.78	23.04	22.61	24.00
		1	3	22.77	23.00	22.59	24.00
		1	5	22.76	23.00	22.57	24.00
		3	0	22.73	22.84	22.75	24.00
		3	1	22.73	22.83	22.73	24.00
		3	3	22.74	22.84	22.73	24.00
		6	0	21.84	21.51	21.82	23.00
	64QAM	1	0	22.16	22.05	21.92	23.00
		1	3	22.05	22.00	21.77	23.00
		1	5	22.17	22.02	21.95	23.00
		3	0	22.16	21.97	21.78	23.00
		3	1	22.06	22.02	21.79	23.00
		3	3	22.21	22.05	21.88	23.00
		6	0	20.69	20.61	20.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	23.75	23.59	23.55	25.00
		1	8	23.74	23.60	23.56	25.00
		1	14	23.70	23.54	23.54	25.00
		8	0	22.67	22.63	22.65	24.00
		8	4	22.69	22.62	22.64	24.00

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		8	7	22.65	22.65	22.61	24.00
		15	0	22.69	22.65	22.64	24.00
	16QAM	1	0	22.61	23.02	22.64	24.00
		1	8	22.61	23.01	22.60	24.00
		1	14	22.55	23.02	22.56	24.00
		8	0	21.83	21.71	21.68	23.00
		8	4	21.79	21.73	21.69	23.00
		8	7	21.78	21.71	21.62	23.00
		15	0	21.73	21.66	21.60	23.00
	64QAM	1	0	22.34	22.17	21.89	23.00
		1	8	22.28	22.19	22.00	23.00
		1	14	22.18	22.05	21.90	23.00
		8	0	20.55	20.46	20.60	22.00
		8	4	20.55	20.72	20.51	22.00
		8	7	20.55	20.63	20.56	22.00
		15	0	20.68	20.66	20.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	23.89	23.59	23.65	25.00
		1	12	23.89	23.67	23.65	25.00
		1	24	23.93	23.63	23.65	25.00
		12	0	22.74	22.63	22.67	24.00
		12	7	22.70	22.69	22.65	24.00
		12	13	22.65	22.64	22.51	24.00
		25	0	22.65	22.64	22.67	24.00
	16QAM	1	0	23.06	23.23	22.63	24.00
		1	12	23.00	23.28	22.59	24.00
		1	24	22.99	23.26	22.58	24.00
		12	0	21.76	21.74	21.75	23.00
		12	7	21.73	21.75	21.69	23.00
		12	13	21.71	21.78	21.53	23.00
		25	0	21.72	21.72	21.65	23.00
	64QAM	1	0	22.36	21.97	21.69	23.00
		1	12	22.03	22.29	22.03	23.00
		1	24	22.07	21.81	21.77	23.00
		12	0	20.69	20.67	20.54	22.00
		12	7	20.73	20.65	20.39	22.00
		12	13	20.69	20.67	20.38	22.00
		25	0	20.78	20.42	20.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26750/820	26865/831.5	26990/844	
10MHz	QPSK	1	0	23.76	23.58	23.41	25.00
		1	25	**23.72**	23.62	**23.46**	25.00

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		1	49	23.64	23.55	23.42	25.00
		25	0	22.72	22.59	22.56	24.00
		25	12	22.66	22.63	22.50	24.00
		25	25	22.62	22.59	22.37	24.00
		50	0	22.65	22.62	22.50	24.00
	16QAM	1	0	22.59	22.95	22.46	24.00
		1	25	22.57	23.00	22.48	24.00
		1	49	22.50	22.93	22.39	24.00
		25	0	21.73	21.69	21.68	23.00
		25	12	21.73	21.66	21.62	23.00
		25	25	21.67	21.63	21.44	23.00
		50	0	21.66	21.61	21.50	23.00
	64QAM	1	0	22.20	22.12	21.88	23.00
		1	25	22.15	22.07	22.01	23.00
		1	49	21.91	21.95	21.72	23.00
		25	0	20.66	20.47	20.53	22.00
		25	12	20.68	20.72	20.41	22.00
		25	25	20.49	20.56	20.34	22.00
		50	0	20.78	20.70	20.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	23.71	23.54	23.34	25.00
		1	37	23.64	23.64	23.40	25.00
		1	74	23.54	23.45	23.31	25.00
		36	0	22.64	22.56	22.49	24.00
		36	20	22.59	22.63	22.48	24.00
		36	39	22.61	22.55	22.42	24.00
		75	0	22.63	22.57	22.49	24.00
	16QAM	1	0	22.57	22.95	22.81	24.00
		1	37	22.51	23.02	22.80	24.00
		1	74	22.44	22.83	22.67	24.00
		36	0	21.66	21.67	21.49	23.00
		36	20	21.66	21.64	21.49	23.00
		36	39	21.60	21.60	21.41	23.00
		75	0	21.64	21.57	21.45	23.00
	64QAM	1	0	22.14	22.07	21.90	23.00
		1	37	22.17	22.09	22.01	23.00
		1	74	21.98	21.81	21.87	23.00
		36	0	20.62	20.41	20.60	22.00
		36	20	20.45	20.62	20.56	22.00
		36	39	20.46	20.44	20.27	22.00
		75	0	20.59	20.53	20.35	22.00

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LTE FDD Band 26 LTE B26-L4-&5&6Sensor off				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				26697/814.7	26865/831.5	27033/848.3	
1.4MHz	QPSK	1	0	23.53	23.57	23.52	25.00
		1	3	23.51	23.58	23.53	25.00
		1	5	23.52	23.54	23.55	25.00
		3	0	23.67	23.60	23.63	25.00
		3	1	23.67	23.61	23.63	25.00
		3	3	23.65	23.60	23.63	25.00
		6	0	22.68	22.67	22.65	24.00
	16QAM	1	0	22.78	23.04	22.61	24.00
		1	3	22.77	23.00	22.59	24.00
		1	5	22.76	23.00	22.57	24.00
		3	0	22.73	22.84	22.75	24.00
		3	1	22.73	22.83	22.73	24.00
		3	3	22.74	22.84	22.73	24.00
		6	0	21.84	21.51	21.82	23.00
	64QAM	1	0	22.16	22.05	21.92	23.00
		1	3	22.05	22.00	21.77	23.00
		1	5	22.17	22.02	21.95	23.00
		3	0	22.16	21.97	21.78	23.00
		3	1	22.06	22.02	21.79	23.00
		3	3	22.21	22.05	21.88	23.00
		6	0	20.69	20.61	20.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26705/815.5	26865/831.5	27025/847.5	
3MHz	QPSK	1	0	23.75	23.59	23.55	25.00
		1	8	23.74	23.60	23.56	25.00
		1	14	23.70	23.54	23.54	25.00
		8	0	22.67	22.63	22.65	24.00
		8	4	22.69	22.62	22.64	24.00
		8	7	22.65	22.65	22.61	24.00
		15	0	22.69	22.65	22.64	24.00
	16QAM	1	0	22.61	23.02	22.64	24.00
		1	8	22.61	23.01	22.60	24.00
		1	14	22.55	23.02	22.56	24.00
		8	0	21.83	21.71	21.68	23.00
		8	4	21.79	21.73	21.69	23.00
		8	7	21.78	21.71	21.62	23.00
		15	0	21.73	21.66	21.60	23.00
	64QAM	1	0	22.34	22.17	21.89	23.00
		1	8	22.28	22.19	22.00	23.00

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		1	14	22.18	22.05	21.90	23.00
		8	0	20.55	20.46	20.60	22.00
		8	4	20.55	20.72	20.51	22.00
		8	7	20.55	20.63	20.56	22.00
		15	0	20.68	20.66	20.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26715/816.5	26865/831.5	27015/846.5	
5MHz	QPSK	1	0	23.89	23.59	23.65	25.00
		1	12	23.89	23.67	23.65	25.00
		1	24	23.93	23.63	23.65	25.00
		12	0	22.74	22.63	22.67	24.00
		12	7	22.70	22.69	22.65	24.00
		12	13	22.65	22.64	22.51	24.00
		25	0	22.65	22.64	22.67	24.00
	16QAM	1	0	23.06	23.23	22.63	24.00
		1	12	23.00	23.28	22.59	24.00
		1	24	22.99	23.26	22.58	24.00
		12	0	21.76	21.74	21.75	23.00
		12	7	21.73	21.75	21.69	23.00
		12	13	21.71	21.78	21.53	23.00
		25	0	21.72	21.72	21.65	23.00
	64QAM	1	0	22.36	21.97	21.69	23.00
		1	12	22.03	22.29	22.03	23.00
		1	24	22.07	21.81	21.77	23.00
		12	0	20.69	20.67	20.54	22.00
		12	7	20.73	20.65	20.39	22.00
		12	13	20.69	20.67	20.38	22.00
		25	0	20.78	20.42	20.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26750/820	26865/831.5	26990/844	
10MHz	QPSK	1	0	23.76	23.58	23.41	25.00
		1	25	**23.72**	23.62	**23.46**	25.00
		1	49	23.64	23.55	23.42	25.00
		25	0	22.72	22.59	22.56	24.00
		25	12	22.66	22.63	22.50	24.00
		25	25	22.62	22.59	22.37	24.00
		50	0	22.65	22.62	22.50	24.00
	16QAM	1	0	22.59	22.95	22.46	24.00
		1	25	22.57	23.00	22.48	24.00
		1	49	22.50	22.93	22.39	24.00
		25	0	21.73	21.69	21.68	23.00
		25	12	21.73	21.66	21.62	23.00
		25	25	21.67	21.63	21.44	23.00

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		50	0	21.66	21.61	21.50	23.00
	64QAM	1	0	22.20	22.12	21.88	23.00
		1	25	22.15	22.07	22.01	23.00
		1	49	21.91	21.95	21.72	23.00
		25	0	20.66	20.47	20.53	22.00
		25	12	20.68	20.72	20.41	22.00
		25	25	20.49	20.56	20.34	22.00
		50	0	20.78	20.70	20.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				26775/822.5	26865/831.5	26965/841.5	
15MHz	QPSK	1	0	23.71	23.54	23.34	25.00
		1	37	23.64	23.64	23.40	25.00
		1	74	23.54	23.45	23.31	25.00
		36	0	22.64	22.56	22.49	24.00
		36	20	22.59	22.63	22.48	24.00
		36	39	22.61	22.55	22.42	24.00
		75	0	22.63	22.57	22.49	24.00
	16QAM	1	0	22.57	22.95	22.81	24.00
		1	37	22.51	23.02	22.80	24.00
		1	74	22.44	22.83	22.67	24.00
		36	0	21.66	21.67	21.49	23.00
		36	20	21.66	21.64	21.49	23.00
		36	39	21.60	21.60	21.41	23.00
		75	0	21.64	21.57	21.45	23.00
	64QAM	1	0	22.14	22.07	21.90	23.00
		1	37	22.17	22.09	22.01	23.00
		1	74	21.98	21.81	21.87	23.00
		36	0	20.62	20.41	20.60	22.00
		36	20	20.45	20.62	20.56	22.00
		36	39	20.46	20.44	20.27	22.00
		75	0	20.59	20.53	20.35	22.00

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LTE TDD Band 38 LTE B38-Normal				Conducted Power(dBm)			Tune-up Limit
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				37775/2572.5	38000/2595	38225/2617.5	
5MHz	QPSK	1	0	24.41	24.35	24.38	24.50
		1	12	24.40	24.37	24.35	24.50
		1	24	24.41	24.35	24.38	24.50
		12	0	23.24	23.32	23.29	23.50
		12	7	23.21	23.31	23.30	23.50
		12	13	23.15	23.35	23.31	23.50
		25	0	23.19	23.30	23.27	23.50
	16QAM	1	0	23.44	23.67	23.70	24.00
		1	12	23.46	23.69	23.65	24.00
		1	24	23.44	23.69	23.72	24.00
		12	0	22.23	22.29	22.41	23.00
		12	7	22.20	22.28	22.37	23.00
		12	13	22.18	22.29	22.39	23.00
		25	0	22.19	22.35	22.33	23.00
	64QAM	1	0	22.09	22.14	22.32	22.50
		1	12	22.24	22.32	22.30	22.50
		1	24	22.31	22.25	22.30	22.50
		12	0	21.41	21.34	21.40	21.50
		12	7	21.38	21.32	21.35	21.50
		12	13	21.41	21.30	21.33	21.50
		25	0	21.29	21.42	21.18	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37800/2575	38000/2595	38200/2615	
10MHz	QPSK	1	0	24.28	24.41	24.34	24.50
		1	25	24.26	24.39	24.31	24.50
		1	49	24.26	24.32	24.34	24.50
		25	0	23.17	23.31	23.24	23.50
		25	12	23.20	23.34	23.26	23.50
		25	25	23.23	23.29	23.30	23.50
		50	0	23.21	23.33	23.28	23.50
	16QAM	1	0	23.53	23.76	23.75	24.00
		1	25	23.50	23.79	23.72	24.00
		1	49	23.55	23.72	23.74	24.00
		25	0	22.19	22.28	22.30	23.00
		25	12	22.21	22.31	22.30	23.00
		25	25	22.24	22.25	22.32	23.00
		50	0	22.19	22.32	22.27	23.00
	64QAM	1	0	22.07	22.37	22.35	22.50

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		1	25	22.25	22.41	22.46	22.50
		1	49	22.19	22.29	22.25	22.50
		25	0	21.30	21.43	21.37	21.50
		25	12	21.44	21.40	21.31	21.50
		25	25	21.23	21.20	21.21	21.50
		50	0	21.29	21.41	21.25	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37825/2577.5	38000/2595	38175/2612.5	
15MHz	QPSK	1	0	24.22	24.28	24.29	24.50
		1	37	24.27	24.35	24.36	24.50
		1	74	24.24	24.22	24.27	24.50
		36	0	23.18	23.29	23.26	23.50
		36	20	23.22	23.28	23.26	23.50
		36	39	23.21	23.27	23.22	23.50
		75	0	23.22	23.31	23.30	23.50
	16QAM	1	0	23.48	23.76	23.56	24.00
		1	37	23.54	23.79	23.63	24.00
		1	74	23.49	23.64	23.57	24.00
		36	0	22.18	22.29	22.32	23.00
		36	20	22.21	22.29	22.31	23.00
		36	39	22.22	22.22	22.24	23.00
		75	0	22.21	22.27	22.27	23.00
	64QAM	1	0	22.17	22.23	22.22	22.50
		1	37	22.20	22.29	22.45	22.50
		1	74	22.14	22.19	22.13	22.50
		36	0	21.40	21.18	21.44	21.50
		36	20	21.42	21.32	21.20	21.50
		36	39	21.41	21.18	21.29	21.50
		75	0	21.31	21.18	21.36	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37850/2580	38000/2595	38150/2610	
20MHz	QPSK	1	0	24.21	24.28	24.32	24.50
		1	49	**24.33**	24.38	**24.36**	24.50
		1	99	24.23	24.18	24.25	24.50
		50	0	23.28	23.33	23.29	23.50
		50	24	23.37	23.35	23.33	23.50
		50	50	23.33	23.30	23.24	23.50
		100	0	23.30	23.31	23.24	23.50
	16QAM	1	0	23.57	23.43	23.76	24.00
		1	49	23.68	23.52	23.81	24.00
		1	99	23.59	23.34	23.72	24.00
		50	0	22.24	22.30	22.28	23.00
		50	24	22.31	22.34	22.34	23.00

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		50	50	22.28	22.24	22.30	23.00
		100	0	22.24	22.29	22.24	23.00
	64QAM	1	0	22.32	22.21	22.26	22.50
		1	49	22.45	22.28	22.36	22.50
		1	99	22.25	22.15	22.39	22.50
		50	0	21.27	21.33	21.14	21.50
		50	24	21.29	21.23	21.27	21.50
		50	50	21.36	21.37	21.11	21.50
		100	0	21.36	21.32	21.39	21.50

LTE TDD Band 38 LTE B38-Level 1				Conducted Power(dBm)			Tune-up Limit
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				37775/2572.5	38000/2595	38225/2617.5	
5MHz	QPSK	1	0	18.00	18.12	18.14	18.50
		1	12	18.23	18.35	18.11	18.50
		1	24	18.19	17.87	17.92	18.50
		12	0	18.17	18.11	18.07	18.50
		12	7	18.19	18.24	17.89	18.50
		12	13	18.24	18.14	17.87	18.50
		25	0	18.23	18.20	17.97	18.50
	16QAM	1	0	18.01	18.10	18.17	18.50
		1	12	18.26	18.00	18.09	18.50
		1	24	18.04	17.77	17.78	18.50
		12	0	18.05	18.11	17.95	18.50
		12	7	18.08	18.08	18.02	18.50
		12	13	17.94	18.04	17.83	18.50
		25	0	17.98	18.10	17.90	18.50
	64QAM	1	0	17.98	17.88	18.07	18.50
		1	12	18.02	18.07	18.02	18.50
		1	24	18.00	17.75	17.71	18.50
		12	0	18.09	18.10	17.95	18.50
		12	7	18.01	17.97	17.92	18.50
		12	13	18.16	17.96	17.79	18.50
		25	0	18.07	18.01	17.82	18.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37800/2575	38000/2595	38200/2615	
10MHz	QPSK	1	0	18.01	18.17	18.28	18.50
		1	25	18.21	18.33	18.14	18.50
		1	49	18.08	17.91	17.82	18.50
		25	0	18.17	18.17	18.07	18.50
		25	12	18.26	18.08	18.08	18.50
		25	25	18.14	18.14	17.86	18.50

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		50	0	18.07	18.16	17.94	18.50
	16QAM	1	0	18.09	18.10	18.21	18.50
		1	25	18.16	18.05	18.07	18.50
		1	49	17.95	17.86	17.77	18.50
		25	0	18.03	17.98	17.93	18.50
		25	12	18.00	17.97	17.99	18.50
		25	25	17.93	18.05	17.65	18.50
		50	0	18.01	18.17	17.92	18.50
	64QAM	1	0	17.93	17.92	18.20	18.50
		1	25	18.04	18.16	17.97	18.50
		1	49	17.96	17.70	17.74	18.50
		25	0	18.00	18.10	17.94	18.50
		25	12	17.97	17.97	17.75	18.50
		25	25	18.08	18.01	17.93	18.50
		50	0	18.01	18.05	17.91	18.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37825/2577.5	38000/2595	38175/2612.5	
15MHz	QPSK	1	0	17.95	18.18	18.21	18.50
		1	37	18.27	18.17	18.04	18.50
		1	74	18.12	18.02	17.86	18.50
		36	0	18.12	18.14	17.97	18.50
		36	20	18.17	18.22	18.00	18.50
		36	39	18.10	18.09	17.94	18.50
		75	0	18.20	18.16	18.01	18.50
	16QAM	1	0	17.98	18.16	18.17	18.50
		1	37	18.28	18.16	18.07	18.50
		1	74	18.07	17.86	17.86	18.50
		36	0	17.86	18.05	17.91	18.50
		36	20	18.08	17.99	17.83	18.50
		36	39	17.96	18.05	17.83	18.50
		75	0	17.98	18.06	17.82	18.50
	64QAM	1	0	17.92	18.01	18.22	18.50
		1	37	18.08	18.17	17.98	18.50
		1	74	17.87	17.89	17.70	18.50
		36	0	18.11	18.08	18.06	18.50
		36	20	18.03	17.90	17.76	18.50
		36	39	18.02	17.90	17.93	18.50
		75	0	18.13	18.00	17.94	18.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37850/2580	38000/2595	38150/2610	
20MHz	QPSK	1	0	18.00	18.01	18.18	18.50
		1	49	**18.09**	18.22	18.22	18.50
		1	99	18.16	18.04	17.80	18.50

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		50	0	18.17	18.15	18.11	18.50
		50	24	18.10	18.07	18.02	18.50
		50	50	18.15	18.19	17.83	18.50
		100	0	18.22	18.13	17.86	18.50
	16QAM	1	0	18.08	18.15	18.24	18.50
		1	49	18.23	18.02	18.04	18.50
		1	99	18.00	17.83	17.81	18.50
		50	0	17.97	17.96	17.83	18.50
		50	24	18.13	18.06	17.89	18.50
		50	50	18.04	18.04	17.67	18.50
		100	0	18.00	18.03	17.95	18.50
	64QAM	1	0	17.99	17.99	18.17	18.50
		1	49	18.08	18.10	18.01	18.50
		1	99	17.96	17.70	17.77	18.50
		50	0	18.07	17.98	17.95	18.50
		50	24	17.99	18.05	17.83	18.50
		50	50	18.15	18.08	17.87	18.50
		100	0	17.99	18.05	17.85	18.50

LTE TDD Band 38 LTE B38-Level 2&3				Conducted Power(dBm)			Tune-up Limit
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				37775/2572.5	38000/2595	38225/2617.5	
5MHz	QPSK	1	0	16.00	16.19	16.22	16.50
		1	12	16.12	16.23	16.21	16.50
		1	24	16.17	15.91	15.83	16.50
		12	0	15.99	16.23	16.04	16.50
		12	7	16.18	16.25	15.95	16.50
		12	13	16.22	16.14	15.82	16.50
		25	0	16.15	16.18	15.85	16.50
	16QAM	1	0	15.93	16.17	16.14	16.50
		1	12	16.08	16.19	16.03	16.50
		1	24	15.91	15.69	15.88	16.50
		12	0	15.99	16.11	15.75	16.50
		12	7	16.05	16.15	16.02	16.50
		12	13	15.99	16.06	15.72	16.50
		25	0	15.93	16.10	15.95	16.50
	64QAM	1	0	15.94	15.84	16.17	16.50
		1	12	16.03	16.03	16.09	16.50
		1	24	15.92	15.89	15.78	16.50
		12	0	15.96	16.13	16.09	16.50
		12	7	16.05	16.00	15.75	16.50
		12	13	16.08	15.89	15.78	16.50

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		25	0	16.18	15.95	16.01	16.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37800/2575	38000/2595	38200/2615	
10MHz	QPSK	1	0	15.95	16.08	16.11	16.50
		1	25	16.21	16.16	16.15	16.50
		1	49	16.04	16.01	15.78	16.50
		25	0	16.13	16.25	16.09	16.50
		25	12	16.22	16.17	15.92	16.50
		25	25	16.22	16.20	15.86	16.50
		50	0	16.08	16.09	15.94	16.50
	16QAM	1	0	15.90	16.09	16.21	16.50
		1	25	16.10	16.03	16.05	16.50
		1	49	16.01	15.86	15.88	16.50
		25	0	16.01	15.94	15.77	16.50
		25	12	15.98	16.03	15.87	16.50
		25	25	16.04	16.03	15.67	16.50
		50	0	16.07	16.20	15.84	16.50
	64QAM	1	0	15.90	16.00	16.15	16.50
		1	25	16.10	16.10	16.10	16.50
		1	49	15.81	15.73	15.86	16.50
		25	0	15.93	16.02	15.92	16.50
		25	12	16.08	15.97	15.75	16.50
		25	25	16.10	16.01	15.76	16.50
		50	0	16.04	15.95	15.87	16.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37825/2577.5	38000/2595	38175/2612.5	
15MHz	QPSK	1	0	15.97	16.11	16.11	16.50
		1	37	16.11	16.18	16.18	16.50
		1	74	16.18	15.94	15.87	16.50
		36	0	16.09	16.18	16.04	16.50
		36	20	16.21	16.15	15.92	16.50
		36	39	16.24	16.15	15.81	16.50
		75	0	16.07	16.17	15.92	16.50
	16QAM	1	0	16.07	16.08	16.09	16.50
		1	37	16.09	16.10	16.10	16.50
		1	74	15.99	15.83	15.83	16.50
		36	0	15.91	15.95	15.95	16.50
		36	20	16.11	16.12	15.83	16.50
		36	39	15.96	16.12	15.79	16.50
		75	0	16.05	16.06	15.82	16.50
	64QAM	1	0	16.08	15.92	16.02	16.50
		1	37	16.12	16.16	16.02	16.50
		1	74	15.89	15.77	15.83	16.50

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		36	0	15.93	15.99	16.04	16.50
		36	20	16.02	16.01	15.88	16.50
		36	39	16.03	15.90	15.74	16.50
		75	0	16.00	16.07	15.89	16.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37850/2580	38000/2595	38150/2610	
20MHz	QPSK	1	0	16.14	16.20	16.31	16.50
		1	49	**16.29**	16.36	**16.23**	16.50
		1	99	16.20	16.06	15.95	16.50
		50	0	16.19	16.25	16.13	16.50
		50	24	16.27	16.26	16.09	16.50
		50	50	16.24	16.25	15.97	16.50
		100	0	16.25	16.24	16.05	16.50
	16QAM	1	0	16.10	16.19	16.28	16.50
		1	49	16.28	16.19	16.11	16.50
		1	99	16.08	15.89	15.91	16.50
		50	0	16.05	16.12	15.95	16.50
		50	24	16.18	16.17	16.03	16.50
		50	50	16.11	16.22	15.84	16.50
		100	0	16.09	16.23	15.97	16.50
	64QAM	1	0	16.08	16.02	16.22	16.50
		1	49	16.16	16.19	16.12	16.50
		1	99	16.01	15.89	15.86	16.50
		50	0	16.13	16.14	16.11	16.50
		50	24	16.13	16.07	15.92	16.50
		50	50	16.18	16.08	15.93	16.50
		100	0	16.18	16.07	16.02	16.50

LTE TDD Band 38 LTE B38-Level 4&5&6-Sensor on				Conducted Power(dBm)			Tune-up Limit
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				37775/2572.5	38000/2595	38225/2617.5	
5MHz	QPSK	1	0	22.52	22.70	22.69	23.00
		1	12	22.67	22.82	22.67	23.00
		1	24	22.62	22.40	22.35	23.00
		12	0	22.61	22.76	22.57	23.00
		12	7	22.70	22.83	22.49	23.00
		12	13	22.71	22.75	22.41	23.00
		25	0	22.59	22.73	22.41	23.00
	16QAM	1	0	22.50	22.51	22.54	23.00
		1	12	22.59	22.65	22.69	23.00
		1	24	22.58	22.42	22.42	23.00
		12	0	22.07	22.28	22.20	23.00

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		12	7	22.23	22.12	22.32	23.00
		12	13	22.06	22.08	21.92	23.00
		25	0	21.93	22.16	21.96	23.00
	64QAM	1	0	22.19	21.99	22.02	22.50
		1	12	22.23	22.14	22.16	22.50
		1	24	22.06	21.94	22.04	22.50
		12	0	21.14	21.05	20.90	21.50
		12	7	21.13	20.99	20.95	21.50
		12	13	21.17	21.29	20.99	21.50
		25	0	21.16	21.12	21.10	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37800/2575	38000/2595	38200/2615	
10MHz	QPSK	1	0	22.62	22.75	22.71	23.00
		1	25	22.70	22.66	22.71	23.00
		1	49	22.64	22.37	22.33	23.00
		25	0	22.59	22.62	22.58	23.00
		25	12	22.82	22.67	22.59	23.00
		25	25	22.68	22.65	22.48	23.00
		50	0	22.76	22.63	22.40	23.00
	16QAM	1	0	22.48	22.67	22.70	23.00
		1	25	22.69	22.55	22.56	23.00
		1	49	22.47	22.36	22.34	23.00
		25	0	22.09	22.25	22.09	23.00
		25	12	22.15	22.21	22.17	23.00
		25	25	22.12	22.07	22.09	23.00
		50	0	21.97	21.99	22.03	23.00
	64QAM	1	0	22.12	21.86	22.21	22.50
		1	25	22.29	22.23	22.08	22.50
		1	49	22.21	22.00	22.02	22.50
		25	0	21.05	21.17	21.06	21.50
		25	12	21.08	20.96	21.10	21.50
		25	25	21.22	21.28	20.89	21.50
		50	0	21.11	20.98	21.02	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37825/2577.5	38000/2595	38175/2612.5	
15MHz	QPSK	1	0	22.46	22.63	22.84	23.00
		1	37	22.69	22.74	22.58	23.00
		1	74	22.65	22.39	22.41	23.00
		36	0	22.59	22.75	22.57	23.00
		36	20	22.80	22.81	22.52	23.00
		36	39	22.69	22.72	22.52	23.00
		75	0	22.58	22.69	22.52	23.00
	16QAM	1	0	22.50	22.62	22.69	23.00

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		1	37	22.50	22.69	22.75	23.00
		1	74	22.47	22.47	22.39	23.00
		36	0	22.07	22.25	22.01	23.00
		36	20	22.18	22.13	22.14	23.00
		36	39	22.02	21.92	22.07	23.00
		75	0	21.88	22.13	22.14	23.00
	64QAM	1	0	22.27	21.85	22.08	22.50
		1	37	22.27	22.11	22.14	22.50
		1	74	22.17	21.84	22.19	22.50
		36	0	21.18	21.06	21.04	21.50
		36	20	21.03	21.09	20.95	21.50
		36	39	21.30	21.23	20.89	21.50
		75	0	21.20	21.08	21.21	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37850/2580	38000/2595	38150/2610	
20MHz	QPSK	1	0	22.66	22.75	22.85	23.00
		1	49	**22.84**	22.84	**22.77**	23.00
		1	99	22.71	22.56	22.50	23.00
		50	0	22.75	22.81	22.69	23.00
		50	24	22.82	22.83	22.63	23.00
		50	50	22.83	22.78	22.56	23.00
		100	0	22.78	22.79	22.56	23.00
	16QAM	1	0	22.59	22.70	22.72	23.00
		1	49	22.70	22.73	22.75	23.00
		1	99	22.67	22.51	22.43	23.00
		50	0	22.12	22.28	22.20	23.00
		50	24	22.29	22.32	22.33	23.00
		50	50	22.14	22.12	22.12	23.00
		100	0	22.05	22.17	22.15	23.00
	64QAM	1	0	22.28	22.02	22.22	22.50
		1	49	22.36	22.27	22.27	22.50
		1	99	22.24	22.00	22.20	22.50
		50	0	21.20	21.20	21.10	21.50
		50	24	21.14	21.10	21.11	21.50
		50	50	21.30	21.32	21.05	21.50
		100	0	21.24	21.15	21.21	21.50

LTE TDD Band 38 LTE B38-Level 4&5&6-Sensor off				Conducted Power(dBm)			Tune-up Limit
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				37775/2572.5	38000/2595	38225/2617.5	
5MHz	QPSK	1	0	24.41	24.35	24.38	24.50
		1	12	24.40	24.37	24.35	24.50

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		1	24	24.41	24.35	24.38	24.50
		12	0	23.24	23.32	23.29	23.50
		12	7	23.21	23.31	23.30	23.50
		12	13	23.15	23.35	23.31	23.50
		25	0	23.19	23.30	23.27	23.50
	16QAM	1	0	23.44	23.67	23.70	24.00
		1	12	23.46	23.69	23.65	24.00
		1	24	23.44	23.69	23.72	24.00
		12	0	22.23	22.29	22.41	23.00
		12	7	22.20	22.28	22.37	23.00
		12	13	22.18	22.29	22.39	23.00
		25	0	22.19	22.35	22.33	23.00
	64QAM	1	0	22.09	22.14	22.32	22.50
		1	12	22.24	22.32	22.30	22.50
		1	24	22.31	22.25	22.30	22.50
		12	0	21.41	21.34	21.40	21.50
		12	7	21.38	21.32	21.35	21.50
		12	13	21.41	21.30	21.33	21.50
		25	0	21.29	21.42	21.18	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37800/2575	38000/2595	38200/2615	
10MHz	QPSK	1	0	24.28	24.41	24.34	24.50
		1	25	24.26	24.39	24.31	24.50
		1	49	24.26	24.32	24.34	24.50
		25	0	23.17	23.31	23.24	23.50
		25	12	23.20	23.34	23.26	23.50
		25	25	23.23	23.29	23.30	23.50
		50	0	23.21	23.33	23.28	23.50
	16QAM	1	0	23.53	23.76	23.75	24.00
		1	25	23.50	23.79	23.72	24.00
		1	49	23.55	23.72	23.74	24.00
		25	0	22.19	22.28	22.30	23.00
		25	12	22.21	22.31	22.30	23.00
		25	25	22.24	22.25	22.32	23.00
		50	0	22.19	22.32	22.27	23.00
	64QAM	1	0	22.07	22.37	22.35	22.50
		1	25	22.25	22.41	22.46	22.50
		1	49	22.19	22.29	22.25	22.50
		25	0	21.30	21.43	21.37	21.50
		25	12	21.44	21.40	21.31	21.50
		25	25	21.23	21.20	21.21	21.50
		50	0	21.29	21.41	21.25	21.50
BW	Modulation	RB size	RB	Channel/Frequency(MHz)			Tune-up

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			offset	37825/2577.5	38000/2595	38175/2612.5	Limit
15MHz	QPSK	1	0	24.22	24.28	24.29	24.50
		1	37	24.27	24.35	24.36	24.50
		1	74	24.24	24.22	24.27	24.50
		36	0	23.18	23.29	23.26	23.50
		36	20	23.22	23.28	23.26	23.50
		36	39	23.21	23.27	23.22	23.50
		75	0	23.22	23.31	23.30	23.50
	16QAM	1	0	23.48	23.76	23.56	24.00
		1	37	23.54	23.79	23.63	24.00
		1	74	23.49	23.64	23.57	24.00
		36	0	22.18	22.29	22.32	23.00
		36	20	22.21	22.29	22.31	23.00
		36	39	22.22	22.22	22.24	23.00
		75	0	22.21	22.27	22.27	23.00
	64QAM	1	0	22.17	22.23	22.22	22.50
		1	37	22.20	22.29	22.45	22.50
		1	74	22.14	22.19	22.13	22.50
		36	0	21.40	21.18	21.44	21.50
		36	20	21.42	21.32	21.20	21.50
		36	39	21.41	21.18	21.29	21.50
		75	0	21.31	21.18	21.36	21.50
BW	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				37850/2580	38000/2595	38150/2610	
20MHz	QPSK	1	0	24.21	24.28	24.32	24.50
		1	49	**24.33**	24.38	**24.36**	24.50
		1	99	24.23	24.18	24.25	24.50
		50	0	23.28	23.33	23.29	23.50
		50	24	23.37	23.35	23.33	23.50
		50	50	23.33	23.30	23.24	23.50
		100	0	23.30	23.31	23.24	23.50
	16QAM	1	0	23.57	23.43	23.76	24.00
		1	49	23.68	23.52	23.81	24.00
		1	99	23.59	23.34	23.72	24.00
		50	0	22.24	22.30	22.28	23.00
		50	24	22.31	22.34	22.34	23.00
		50	50	22.28	22.24	22.30	23.00
		100	0	22.24	22.29	22.24	23.00
	64QAM	1	0	22.32	22.21	22.26	22.50
		1	49	22.45	22.28	22.36	22.50
		1	99	22.25	22.15	22.39	22.50
		50	0	21.27	21.33	21.14	21.50
		50	24	21.29	21.23	21.27	21.50

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		50	50	21.36	21.37	21.11	21.50
		100	0	21.36	21.32	21.39	21.50

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LTE TDD Band 41 LTE B41-Normal				Conducted Power(dBm)					Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel					
				39675	40110	40620	41130	41565	
5MHz	QPSK	1	0	23.66	24.16	24.22	24.21	24.42	24.50
		1	12	23.63	24.19	24.25	24.21	24.35	24.50
		1	24	23.65	24.06	24.25	24.10	24.31	24.50
		12	0	22.51	23.06	23.21	23.08	23.34	23.50
		12	7	22.46	23.17	23.25	23.11	23.34	23.50
		12	13	22.51	23.16	23.21	23.18	23.28	23.50
		25	0	22.47	23.22	23.27	23.19	23.34	23.50
	16QAM	1	0	22.78	23.46	23.57	23.56	23.74	24.00
		1	12	22.77	23.48	23.63	23.53	23.68	24.00
		1	24	22.74	23.40	23.58	23.40	23.65	24.00
		12	0	21.57	22.08	22.20	22.11	22.46	23.00
		12	7	21.56	22.16	22.22	22.07	22.34	23.00
		12	13	21.60	22.05	22.24	22.16	22.38	23.00
		25	0	21.55	22.24	22.26	22.18	22.35	23.00
	64QAM	1	0	21.39	22.05	22.15	22.04	22.26	22.50
		1	12	21.47	21.95	22.12	21.94	22.06	22.50
		1	24	21.62	22.02	22.15	21.96	21.91	22.50
		12	0	20.63	21.11	21.26	21.15	20.99	21.50
		12	7	20.50	21.19	21.29	21.12	21.16	21.50
		12	13	20.60	21.02	21.17	21.09	21.08	21.50
		25	0	20.54	21.14	21.26	21.20	21.15	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39700	40135	40620	41105	41540	
10MHz	QPSK	1	0	23.57	24.22	24.30	24.03	24.40	24.50
		1	25	23.55	24.15	24.34	24.10	24.39	24.50
		1	49	23.52	24.07	24.26	24.11	24.31	24.50
		25	0	22.49	23.11	23.25	23.17	23.33	23.50
		25	12	22.52	23.10	23.25	23.20	23.32	23.50
		25	25	22.54	23.13	23.26	23.08	23.32	23.50
		50	0	22.53	23.20	23.26	23.26	23.34	23.50
	16QAM	1	0	22.83	23.42	23.66	23.52	23.80	24.00
		1	25	22.82	23.44	23.73	23.54	23.82	24.00
		1	49	22.80	23.52	23.64	23.46	23.71	24.00
		25	0	21.53	22.11	22.23	22.00	22.36	23.00
		25	12	21.56	22.18	22.25	22.21	22.37	23.00
		25	25	21.57	22.19	22.25	22.20	22.36	23.00
		50	0	21.53	22.21	22.27	22.07	22.38	23.00
	64QAM	1	0	21.60	22.06	22.18	22.00	22.06	22.50

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		1	25	21.50	21.93	22.31	21.93	21.98	22.50
		1	49	21.42	22.10	22.13	22.00	22.00	22.50
		25	0	20.42	21.17	21.33	21.07	21.06	21.50
		25	12	20.53	21.27	21.17	21.13	21.10	21.50
		25	25	20.66	21.17	21.14	21.07	21.05	21.50
		50	0	20.44	21.12	21.23	21.25	21.12	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39725	40160	40620	41080	41515	
15MHz	QPSK	1	0	23.54	24.15	24.27	24.12	24.33	24.50
		1	37	23.56	24.16	24.31	24.17	24.34	24.50
		1	74	23.49	24.16	24.16	24.20	24.20	24.50
		36	0	22.50	23.07	23.21	23.03	23.30	23.50
		36	20	22.52	23.12	23.19	23.06	23.27	23.50
		36	39	22.50	23.10	23.18	23.08	23.24	23.50
		75	0	22.51	23.21	23.22	23.25	23.29	23.50
	16QAM	1	0	22.82	23.53	23.69	23.52	23.68	24.00
		1	37	22.87	23.48	23.72	23.60	23.64	24.00
		1	74	22.78	23.47	23.60	23.38	23.52	24.00
		36	0	21.53	22.01	22.21	22.12	22.34	23.00
		36	20	21.53	22.12	22.23	22.05	22.32	23.00
		36	39	21.54	22.23	22.22	22.10	22.28	23.00
		75	0	21.56	22.23	22.21	22.06	22.30	23.00
	64QAM	1	0	21.37	22.14	22.35	22.09	22.22	22.50
		1	37	21.69	22.10	22.26	22.04	22.17	22.50
		1	74	21.56	22.05	22.04	21.97	21.80	22.50
		36	0	20.53	21.08	21.31	21.13	21.23	21.50
		36	20	20.52	21.20	21.17	21.20	20.93	21.50
		36	39	20.54	21.09	21.20	20.97	20.91	21.50
		75	0	20.54	21.24	21.23	21.17	21.01	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.47	24.02	24.21	24.21	24.46	24.50
		1	49	**23.59**	**24.09**	24.27	24.14	**24.42**	24.50
		1	99	23.55	24.15	24.08	24.08	24.22	24.50
		50	0	22.52	23.19	23.22	23.12	23.38	23.50
		50	24	22.57	23.08	23.23	23.19	23.35	23.50
		50	50	22.59	23.08	23.20	23.07	23.32	23.50
		100	0	22.57	23.18	23.22	23.18	23.31	23.50
	16QAM	1	0	22.85	23.56	23.35	23.40	23.81	24.00
		1	49	22.91	23.63	23.42	23.52	23.79	24.00
		1	99	22.92	23.46	23.27	23.58	23.62	24.00
		50	0	21.49	22.20	22.26	22.19	22.40	23.00
		50	24	21.56	22.08	22.29	22.14	22.35	23.00

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		50	50	21.57	22.07	22.23	22.06	22.30	23.00
		100	0	21.59	22.25	22.21	22.06	22.29	23.00
	64QAM	1	0	21.61	22.12	22.09	22.00	22.30	22.50
		1	49	21.67	21.94	22.25	22.05	22.06	22.50
		1	99	21.44	22.03	21.95	22.14	22.04	22.50
		50	0	20.51	21.21	21.35	21.14	21.07	21.50
		50	24	20.44	21.14	21.14	21.18	21.07	21.50
		50	50	20.72	20.98	21.33	21.17	21.10	21.50
		100	0	20.60	21.23	21.13	21.25	20.97	21.50

LTE TDD Band 41 LTE B41-Level 1				Conducted Power(dBm)					Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel					
				39675	40110	40620	41130	41565	
5MHz	QPSK	1	0	17.80	18.05	18.19	18.00	18.09	18.50
		1	12	17.90	18.01	18.18	18.11	18.23	18.50
		1	24	17.78	18.02	18.03	17.94	18.05	18.50
		12	0	17.91	18.00	18.13	18.02	18.26	18.50
		12	7	17.82	18.20	18.28	18.18	18.18	18.50
		12	13	17.78	18.24	18.24	18.05	18.23	18.50
		25	0	17.83	18.05	18.05	17.96	18.15	18.50
	16QAM	1	0	17.82	17.81	17.93	17.89	18.05	18.50
		1	12	17.75	17.94	17.95	17.80	18.03	18.50
		1	24	17.75	17.96	17.97	17.90	18.10	18.50
		12	0	17.74	18.15	18.17	18.17	18.11	18.50
		12	7	17.87	18.01	18.13	18.03	17.99	18.50
		12	13	17.72	18.12	18.16	18.15	18.10	18.50
		25	0	17.73	17.95	18.06	17.88	18.08	18.50
	64QAM	1	0	17.64	17.76	17.94	17.94	18.02	18.50
		1	12	17.92	17.92	18.07	17.99	18.09	18.50
		1	24	17.77	17.93	17.95	17.84	17.99	18.50
		12	0	17.72	17.93	18.01	17.83	17.96	18.50
		12	7	17.76	17.97	18.16	18.09	18.23	18.50
		12	13	17.68	18.05	18.18	18.00	18.19	18.50
		25	0	17.86	17.87	18.01	17.92	18.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39700	40135	40620	41105	41540	
10MHz	QPSK	1	0	17.75	18.10	18.16	18.01	18.05	18.50
		1	25	17.90	18.06	18.31	17.98	18.26	18.50
		1	49	17.87	18.03	17.97	17.83	18.07	18.50
		25	0	17.88	18.03	18.27	18.01	18.29	18.50
		25	12	17.88	18.16	18.30	18.26	18.20	18.50
		25	25	17.98	18.22	18.15	18.23	18.24	18.50

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		50	0	17.79	18.00	18.06	17.86	18.15	18.50
	16QAM	1	0	17.71	17.85	17.92	17.92	18.19	18.50
		1	25	17.81	17.89	17.94	17.78	17.95	18.50
		1	49	17.65	17.88	17.87	17.83	18.07	18.50
		25	0	17.76	17.98	18.19	17.98	18.12	18.50
		25	12	17.89	17.99	18.27	17.95	18.16	18.50
		25	25	17.83	18.09	18.18	18.04	18.21	18.50
		50	0	17.86	18.04	17.91	17.91	18.03	18.50
	64QAM	1	0	17.66	17.78	17.88	17.81	18.03	18.50
		1	25	17.74	17.87	18.12	18.02	17.96	18.50
		1	49	17.71	17.89	17.89	17.85	18.01	18.50
		25	0	17.71	17.92	17.99	17.92	18.12	18.50
		25	12	17.69	17.98	18.14	17.96	18.08	18.50
		25	25	17.70	18.14	18.08	18.17	18.19	18.50
		50	0	17.84	17.86	18.01	17.81	18.18	18.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up
				39725	40160	40620	41080	41515	Limit
15MHz	QPSK	1	0	17.88	18.13	18.04	18.18	18.18	18.50
		1	37	17.94	17.98	18.32	18.08	18.15	18.50
		1	74	17.90	17.87	17.91	17.96	18.05	18.50
		36	0	17.85	18.07	18.23	18.13	18.16	18.50
		36	20	17.86	18.11	18.25	18.22	18.31	18.50
		36	39	17.88	18.14	18.10	18.21	18.30	18.50
		75	0	17.86	17.85	18.05	18.05	18.12	18.50
	16QAM	1	0	17.88	17.81	17.90	17.89	18.19	18.50
		1	37	17.82	17.80	18.11	17.93	18.08	18.50
		1	74	17.73	17.79	18.03	17.91	18.06	18.50
		36	0	17.65	18.08	18.11	18.11	18.22	18.50
		36	20	17.90	18.11	18.21	18.11	18.00	18.50
		36	39	17.70	18.13	18.25	17.99	18.09	18.50
		75	0	17.88	17.98	18.03	17.86	17.99	18.50
	64QAM	1	0	17.69	17.78	17.84	17.83	18.11	18.50
		1	37	17.77	18.02	18.09	18.06	17.89	18.50
		1	74	17.76	17.89	17.91	17.78	17.89	18.50
		36	0	17.75	17.97	18.01	17.87	18.06	18.50
		36	20	17.68	18.11	18.13	17.99	18.14	18.50
		36	39	17.77	18.03	18.15	18.02	18.13	18.50
		75	0	17.84	17.95	17.97	17.88	18.04	18.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up
				39750	40185	40620	41055	41490	Limit
20MHz	QPSK	1	0	17.79	18.13	18.16	18.14	18.06	18.50
		1	49	**17.88**	**18.03**	18.20	17.98	18.27	18.50
		1	99	17.89	17.88	17.94	18.03	18.13	18.50

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		50	0	17.80	18.01	18.25	18.08	18.17	18.50
		50	24	17.92	18.25	18.13	18.13	18.20	18.50
		50	50	17.83	18.11	18.25	18.22	18.32	18.50
		100	0	17.88	17.94	18.12	17.85	18.09	18.50
	16QAM	1	0	17.86	17.84	18.01	17.80	18.16	18.50
		1	49	17.81	17.90	18.02	17.76	17.94	18.50
		1	99	17.61	17.82	17.89	17.87	17.94	18.50
		50	0	17.57	18.06	18.30	18.11	18.18	18.50
		50	24	17.80	18.12	18.28	18.03	17.98	18.50
		50	50	17.77	18.13	18.10	18.12	18.22	18.50
		100	0	17.84	17.95	17.93	17.92	18.08	18.50
	64QAM	1	0	17.65	17.94	17.99	17.92	18.13	18.50
		1	49	17.77	18.04	18.12	17.87	17.93	18.50
		1	99	17.73	17.88	17.83	17.79	17.92	18.50
		50	0	17.60	17.93	18.03	17.98	17.93	18.50
		50	24	17.82	18.00	18.24	18.13	18.09	18.50
		50	50	17.71	18.00	18.14	18.03	18.16	18.50
		100	0	17.76	17.86	17.91	17.85	18.14	18.50

LTE TDD Band 41 LTE B41-Level 2&3				Conducted Power(dBm)					Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel					
				39675	40110	40620	41130	41565	
5MHz	QPSK	1	0	15.79	16.00	16.06	15.86	16.06	16.50
		1	12	15.98	16.23	16.33	16.23	16.26	16.50
		1	24	15.75	15.92	15.97	15.95	16.15	16.50
		12	0	15.75	15.98	16.17	16.13	16.15	16.50
		12	7	15.95	16.00	16.18	15.99	16.29	16.50
		12	13	15.97	15.99	16.19	16.05	16.18	16.50
		25	0	15.81	15.95	16.08	15.95	16.12	16.50
	16QAM	1	0	15.84	15.89	15.91	15.80	16.23	16.50
		1	12	15.81	15.83	16.03	15.97	16.07	16.50
		1	24	15.71	15.91	15.97	15.82	16.03	16.50
		12	0	15.63	16.01	16.14	15.95	16.25	16.50
		12	7	15.99	15.98	16.18	16.01	16.09	16.50
		12	13	15.78	15.99	16.19	16.19	16.18	16.50
		25	0	15.73	15.74	15.89	15.78	16.04	16.50
	64QAM	1	0	15.64	15.84	15.97	15.85	15.96	16.50
		1	12	15.81	16.04	16.04	15.85	16.03	16.50
		1	24	15.80	15.98	15.98	15.90	16.06	16.50
		12	0	15.78	15.97	16.03	15.86	16.04	16.50
		12	7	15.85	16.04	16.18	16.01	16.04	16.50
		12	13	15.83	15.81	16.01	15.88	16.12	16.50

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		25	0	15.77	15.80	15.86	15.75	16.15	16.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39700	40135	40620	41105	41540	
10MHz	QPSK	1	0	15.90	15.87	16.18	15.97	16.04	16.50
		1	25	15.98	16.13	16.21	16.32	16.13	16.50
		1	49	15.87	15.93	15.93	15.83	16.22	16.50
		25	0	15.83	16.16	16.29	16.02	16.22	16.50
		25	12	15.79	16.11	16.24	16.18	16.23	16.50
		25	25	15.83	16.14	16.15	16.02	16.26	16.50
		50	0	15.72	15.93	16.04	15.88	16.21	16.50
	16QAM	1	0	15.71	15.73	16.08	15.89	16.06	16.50
		1	25	15.73	15.87	16.01	15.99	15.96	16.50
		1	49	15.80	15.86	16.01	15.82	15.94	16.50
		25	0	15.62	15.94	16.19	16.13	16.27	16.50
		25	12	15.87	16.06	16.22	16.06	16.09	16.50
		25	25	15.83	16.19	16.14	16.17	16.05	16.50
		50	0	15.75	15.88	16.08	15.80	16.07	16.50
	64QAM	1	0	15.65	15.84	15.85	15.92	16.01	16.50
		1	25	15.80	15.88	16.07	15.88	16.03	16.50
		1	49	15.67	15.85	15.95	15.94	15.89	16.50
		25	0	15.73	15.98	15.92	15.89	16.02	16.50
		25	12	15.66	15.98	16.11	16.06	16.06	16.50
		25	25	15.69	15.81	16.20	15.91	16.22	16.50
		50	0	15.77	15.79	15.98	15.86	16.09	16.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39725	40160	40620	41080	41515	
15MHz	QPSK	1	0	15.81	15.89	16.01	16.02	16.13	16.50
		1	37	15.85	16.13	16.21	16.20	16.22	16.50
		1	74	15.78	15.88	16.01	15.92	16.04	16.50
		36	0	15.88	16.01	16.11	16.09	16.21	16.50
		36	20	15.92	16.12	16.24	16.06	16.27	16.50
		36	39	15.86	16.16	16.24	16.10	16.21	16.50
		75	0	15.72	15.89	16.17	15.94	16.24	16.50
	16QAM	1	0	15.74	15.83	16.00	15.77	16.19	16.50
		1	37	15.83	15.86	16.06	15.94	16.01	16.50
		1	74	15.78	15.83	15.87	15.91	16.03	16.50
		36	0	15.61	16.05	16.14	16.06	16.13	16.50
		36	20	15.97	16.02	16.30	16.18	16.06	16.50
		36	39	15.75	16.16	16.09	16.16	16.19	16.50
		75	0	15.82	15.74	16.01	15.75	15.93	16.50
	64QAM	1	0	15.79	15.88	15.95	15.93	16.02	16.50
		1	37	15.89	16.04	16.11	16.00	15.99	16.50
		1	74	15.80	15.87	15.83	15.97	16.05	16.50

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		36	0	15.78	15.89	15.94	15.84	16.09	16.50
		36	20	15.83	16.02	16.14	16.09	16.15	16.50
		36	39	15.72	15.85	16.18	15.95	16.19	16.50
		75	0	15.84	15.79	16.03	15.71	16.08	16.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	15.94	16.03	16.20	15.93	16.24	16.50
		1	49	**16.01**	**16.18**	16.34	16.18	**16.27**	16.50
		1	99	15.93	15.94	16.09	15.97	16.23	16.50
		50	0	15.91	16.04	16.31	16.08	16.30	16.50
		50	24	15.99	16.03	16.32	15.99	16.31	16.50
		50	50	15.98	16.09	16.30	16.13	16.28	16.50
		100	0	15.91	16.07	16.23	16.03	16.27	16.50
	16QAM	1	0	15.91	15.77	16.09	15.89	16.23	16.50
		1	49	15.91	15.86	16.14	16.02	16.12	16.50
		1	99	15.80	15.87	16.04	15.87	16.11	16.50
		50	0	15.77	16.07	16.30	16.05	16.30	16.50
		50	24	15.99	16.06	16.31	16.11	16.18	16.50
		50	50	15.83	16.12	16.26	15.99	16.22	16.50
		100	0	15.89	15.82	16.09	15.83	16.08	16.50
	64QAM	1	0	15.81	15.84	16.01	15.87	16.13	16.50
		1	49	15.93	15.95	16.21	15.92	16.09	16.50
		1	99	15.80	15.84	15.98	15.88	16.09	16.50
		50	0	15.78	15.89	16.12	15.84	16.13	16.50
		50	24	15.86	16.04	16.26	16.10	16.24	16.50
		50	50	15.86	15.90	16.21	15.95	16.27	16.50
		100	0	15.91	15.69	16.05	15.78	16.18	16.50

LTE TDD Band 41 LTE B41-Level 4&5&6-Sensor on				Conducted Power(dBm)					Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel					
				39675	40110	40620	41130	41565	
5MHz	QPSK	1	0	23.52	23.61	23.61	23.44	23.66	24.00
		1	12	23.47	23.73	23.76	23.65	23.86	24.00
		1	24	23.38	23.43	23.58	23.58	23.66	24.00
		12	0	22.80	23.22	23.23	23.10	23.28	23.50
		12	7	22.79	23.13	23.16	23.16	23.22	23.50
		12	13	22.88	22.99	23.08	22.94	23.26	23.50
		25	0	22.91	23.10	23.12	22.98	23.17	23.50
	16QAM	1	0	23.29	23.21	23.26	23.11	23.18	24.00
		1	12	23.17	23.09	23.17	23.04	23.19	24.00
		1	24	23.11	22.96	23.10	22.93	22.99	24.00
		12	0	21.95	21.95	22.02	21.99	22.09	23.00

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		12	7	22.06	21.89	22.01	21.97	22.05	23.00
		12	13	22.08	22.01	22.06	21.97	22.04	23.00
		25	0	22.12	21.97	22.05	21.89	21.89	23.00
	64QAM	1	0	21.92	21.58	21.77	21.64	22.00	22.50
		1	12	21.94	21.98	22.14	22.05	21.99	22.50
		1	24	21.85	21.61	21.70	21.64	21.83	22.50
		12	0	21.18	20.96	21.08	21.07	21.17	21.50
		12	7	20.93	20.74	20.92	20.79	21.00	21.50
		12	13	21.11	21.09	21.24	21.23	21.20	21.50
		25	0	20.99	20.80	20.96	20.80	20.84	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up
				39700	40135	40620	41105	41540	Limit
10MHz	QPSK	1	0	23.51	23.52	23.61	23.42	23.62	24.00
		1	25	23.51	23.69	23.80	23.60	23.69	24.00
		1	49	23.32	23.58	23.52	23.58	23.78	24.00
		25	0	22.87	23.14	23.08	23.06	23.24	23.50
		25	12	22.95	23.10	23.12	23.03	23.16	23.50
		25	25	22.94	23.01	23.13	22.97	23.12	23.50
		50	0	22.74	23.05	23.19	22.96	23.17	23.50
	16QAM	1	0	23.12	23.21	23.15	23.09	23.21	24.00
		1	25	23.29	23.04	23.23	22.97	23.14	24.00
		1	49	23.03	22.94	22.99	22.98	22.92	24.00
		25	0	21.95	22.00	22.14	21.90	22.19	23.00
		25	12	22.22	21.85	22.13	21.91	22.10	23.00
		25	25	21.90	21.92	21.93	21.98	21.91	23.00
		50	0	22.09	21.90	21.99	21.98	21.89	23.00
	64QAM	1	0	21.96	21.58	21.72	21.65	22.04	22.50
		1	25	21.96	22.02	22.17	22.12	21.98	22.50
		1	49	21.89	21.66	21.60	21.64	21.83	22.50
		25	0	21.24	20.96	21.24	21.04	21.13	21.50
		25	12	20.90	20.76	21.07	20.90	21.12	21.50
		25	25	21.18	21.06	21.20	21.04	21.28	21.50
		50	0	21.07	20.91	20.95	20.80	20.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up
				39725	40160	40620	41080	41515	Limit
15MHz	QPSK	1	0	23.40	23.49	23.52	23.61	23.57	24.00
		1	37	23.45	23.58	23.81	23.57	23.75	24.00
		1	74	23.28	23.58	23.50	23.54	23.73	24.00
		36	0	22.91	23.13	23.20	23.08	23.28	23.50
		36	20	22.85	22.99	23.19	23.03	23.27	23.50
		36	39	22.86	23.05	23.23	23.06	23.12	23.50
		75	0	22.85	23.12	23.07	22.97	23.14	23.50
	16QAM	1	0	23.28	23.13	23.30	23.25	23.15	24.00

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		1	37	23.32	23.06	23.31	22.97	23.31	24.00
		1	74	23.01	23.10	23.00	23.01	23.03	24.00
		36	0	22.04	22.01	22.05	22.00	22.15	23.00
		36	20	22.04	21.84	22.07	21.87	22.14	23.00
		36	39	21.96	22.05	22.11	21.99	21.99	23.00
		75	0	22.18	21.97	22.04	21.95	21.94	23.00
	64QAM	1	0	21.89	21.62	21.73	21.68	21.86	22.50
		1	37	21.98	22.00	22.03	22.04	22.02	22.50
		1	74	21.88	21.62	21.65	21.64	21.77	22.50
		36	0	21.19	20.91	21.18	21.06	21.16	21.50
		36	20	20.84	20.82	21.08	20.78	20.97	21.50
		36	39	21.17	21.09	21.14	21.17	21.16	21.50
		75	0	21.03	20.90	20.90	20.77	20.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.57	23.53	23.69	23.53	23.74	24.00
		1	49	**23.58**	**23.64**	23.85	23.66	23.87	24.00
		1	99	23.48	23.56	23.62	23.55	23.81	24.00
		50	0	22.94	23.19	23.28	23.07	23.31	23.50
		50	24	22.98	23.05	23.30	23.12	23.33	23.50
		50	50	22.94	22.97	23.25	23.06	23.32	23.50
		100	0	22.94	23.02	23.24	23.05	23.27	23.50
	16QAM	1	0	23.32	23.08	23.35	23.14	23.26	24.00
		1	49	23.33	23.06	23.35	22.99	23.32	24.00
		1	99	23.11	22.91	23.17	23.05	23.09	24.00
		50	0	22.13	21.82	22.17	21.84	22.19	23.00
		50	24	22.24	21.82	22.21	21.97	22.25	23.00
		50	50	22.10	21.91	22.13	22.03	22.05	23.00
		100	0	22.19	22.02	22.06	21.86	22.02	23.00
	64QAM	1	0	21.96	21.71	21.90	21.73	22.05	22.50
		1	49	22.14	21.94	22.17	22.08	22.15	22.50
		1	99	21.93	21.62	21.80	21.66	21.88	22.50
		50	0	21.29	21.01	21.26	20.95	21.18	21.50
		50	24	21.01	20.82	21.09	20.74	21.14	21.50
		50	50	21.21	21.12	21.32	21.05	21.30	21.50
		100	0	21.07	20.76	21.00	20.96	21.01	21.50

LTE TDD Band 41 LTE B41-Level 4&5&6-Sensor off				Conducted Power(dBm)					Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel					
				39675	40110	40620	41130	41565	
5MHz	QPSK	1	0	23.66	24.16	24.22	24.21	24.42	24.50
		1	12	23.63	24.19	24.25	24.21	24.35	24.50

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		1	24	23.65	24.06	24.25	24.10	24.31	24.50
		12	0	22.51	23.06	23.21	23.08	23.34	23.50
		12	7	22.46	23.17	23.25	23.11	23.34	23.50
		12	13	22.51	23.16	23.21	23.18	23.28	23.50
		25	0	22.47	23.22	23.27	23.19	23.34	23.50
	16QAM	1	0	22.78	23.46	23.57	23.56	23.74	24.00
		1	12	22.77	23.48	23.63	23.53	23.68	24.00
		1	24	22.74	23.40	23.58	23.40	23.65	24.00
		12	0	21.57	22.08	22.20	22.11	22.46	23.00
		12	7	21.56	22.16	22.22	22.07	22.34	23.00
		12	13	21.60	22.05	22.24	22.16	22.38	23.00
		25	0	21.55	22.24	22.26	22.18	22.35	23.00
	64QAM	1	0	21.39	22.05	22.15	22.04	22.26	22.50
		1	12	21.47	21.95	22.12	21.94	22.06	22.50
		1	24	21.62	22.02	22.15	21.96	21.91	22.50
		12	0	20.63	21.11	21.26	21.15	20.99	21.50
		12	7	20.50	21.19	21.29	21.12	21.16	21.50
		12	13	20.60	21.02	21.17	21.09	21.08	21.50
		25	0	20.54	21.14	21.26	21.20	21.15	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up
				39700	40135	40620	41105	41540	Limit
10MHz	QPSK	1	0	23.57	24.22	24.30	24.03	24.40	24.50
		1	25	23.55	24.15	24.34	24.10	24.39	24.50
		1	49	23.52	24.07	24.26	24.11	24.31	24.50
		25	0	22.49	23.11	23.25	23.17	23.33	23.50
		25	12	22.52	23.10	23.25	23.20	23.32	23.50
		25	25	22.54	23.13	23.26	23.08	23.32	23.50
		50	0	22.53	23.20	23.26	23.26	23.34	23.50
	16QAM	1	0	22.83	23.42	23.66	23.52	23.80	24.00
		1	25	22.82	23.44	23.73	23.54	23.82	24.00
		1	49	22.80	23.52	23.64	23.46	23.71	24.00
		25	0	21.53	22.11	22.23	22.00	22.36	23.00
		25	12	21.56	22.18	22.25	22.21	22.37	23.00
		25	25	21.57	22.19	22.25	22.20	22.36	23.00
		50	0	21.53	22.21	22.27	22.07	22.38	23.00
	64QAM	1	0	21.60	22.06	22.18	22.00	22.06	22.50
		1	25	21.50	21.93	22.31	21.93	21.98	22.50
		1	49	21.42	22.10	22.13	22.00	22.00	22.50
		25	0	20.42	21.17	21.33	21.07	21.06	21.50
		25	12	20.53	21.27	21.17	21.13	21.10	21.50
		25	25	20.66	21.17	21.14	21.07	21.05	21.50
		50	0	20.44	21.12	21.23	21.25	21.12	21.50
Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up

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				39725	40160	40620	41080	41515	Limit
15MHz	QPSK	1	0	23.54	24.15	24.27	24.12	24.33	24.50
		1	37	23.56	24.16	24.31	24.17	24.34	24.50
		1	74	23.49	24.16	24.16	24.20	24.20	24.50
		36	0	22.50	23.07	23.21	23.03	23.30	23.50
		36	20	22.52	23.12	23.19	23.06	23.27	23.50
		36	39	22.50	23.10	23.18	23.08	23.24	23.50
		75	0	22.51	23.21	23.22	23.25	23.29	23.50
	16QAM	1	0	22.82	23.53	23.69	23.52	23.68	24.00
		1	37	22.87	23.48	23.72	23.60	23.64	24.00
		1	74	22.78	23.47	23.60	23.38	23.52	24.00
		36	0	21.53	22.01	22.21	22.12	22.34	23.00
		36	20	21.53	22.12	22.23	22.05	22.32	23.00
		36	39	21.54	22.23	22.22	22.10	22.28	23.00
		75	0	21.56	22.23	22.21	22.06	22.30	23.00
	64QAM	1	0	21.37	22.14	22.35	22.09	22.22	22.50
		1	37	21.69	22.10	22.26	22.04	22.17	22.50
		1	74	21.56	22.05	22.04	21.97	21.80	22.50
		36	0	20.53	21.08	21.31	21.13	21.23	21.50
		36	20	20.52	21.20	21.17	21.20	20.93	21.50
		36	39	20.54	21.09	21.20	20.97	20.91	21.50
		75	0	20.54	21.24	21.23	21.17	21.01	21.50

Bandwidth	Modulation	RB size	RB offset	Channel					Tune-up Limit
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.47	24.02	24.21	24.21	24.46	24.50
		1	49	**23.59**	**24.09**	24.27	24.14	**24.42**	24.50
		1	99	23.55	24.15	24.08	24.08	24.22	24.50
		50	0	22.52	23.19	23.22	23.12	23.38	23.50
		50	24	22.57	23.08	23.23	23.19	23.35	23.50
		50	50	22.59	23.08	23.20	23.07	23.32	23.50
		100	0	22.57	23.18	23.22	23.18	23.31	23.50
	16QAM	1	0	22.85	23.56	23.35	23.40	23.81	24.00
		1	49	22.91	23.63	23.42	23.52	23.79	24.00
		1	99	22.92	23.46	23.27	23.58	23.62	24.00
		50	0	21.49	22.20	22.26	22.19	22.40	23.00
		50	24	21.56	22.08	22.29	22.14	22.35	23.00
		50	50	21.57	22.07	22.23	22.06	22.30	23.00
		100	0	21.59	22.25	22.21	22.06	22.29	23.00
	64QAM	1	0	21.61	22.12	22.09	22.00	22.30	22.50
		1	49	21.67	21.94	22.25	22.05	22.06	22.50
		1	99	21.44	22.03	21.95	22.14	22.04	22.50
		50	0	20.51	21.21	21.35	21.14	21.07	21.50
		50	24	20.44	21.14	21.14	21.18	21.07	21.50

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		50	50	20.72	20.98	21.33	21.17	21.10	21.50
		100	0	20.60	21.23	21.13	21.25	20.97	21.50

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LTE FDD Band 66 LTE B66-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				131979/1710.7	132322/1745	132665/1779.3	
1.4MHz	QPSK	1	0	23.08	23.13	23.21	24.50
		1	8	23.07	23.13	23.27	24.50
		1	14	23.08	23.14	23.25	24.50
		3	0	23.23	23.20	23.39	24.50
		3	4	23.25	23.18	23.43	24.50
		3	7	23.23	23.15	23.39	24.50
		6	0	22.27	22.23	22.36	23.50
	16QAM	1	0	22.32	22.63	22.27	23.50
		1	8	22.31	22.59	22.28	23.50
		1	14	22.32	22.60	22.31	23.50
		3	0	22.25	22.44	22.52	23.50
		3	4	22.24	22.39	22.50	23.50
		3	7	22.24	22.40	22.51	23.50
		6	0	21.37	21.10	21.54	22.50
	64QAM	1	0	21.67	21.76	21.69	22.50
		1	8	21.58	21.65	21.62	22.50
		1	14	21.48	21.68	21.50	22.50
		3	0	21.68	21.65	21.71	22.50
		3	4	21.55	21.63	21.52	22.50
		3	7	21.57	21.58	21.47	22.50
		6	0	20.00	20.34	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				1319871711.5	132322/1745	132657/1778.5	
3MHz	QPSK	1	0	23.28	23.15	23.19	24.50
		1	12	23.22	23.16	23.26	24.50
		1	24	23.29	23.13	23.27	24.50
		8	0	22.20	22.23	22.33	23.50
		8	7	22.23	22.19	22.33	23.50
		8	13	22.20	22.16	22.32	23.50
		15	0	22.23	22.15	22.31	23.50
	16QAM	1	0	22.15	22.56	22.27	23.50
		1	12	22.11	22.59	22.24	23.50
		1	24	22.16	22.61	22.28	23.50
		8	0	21.31	21.28	21.37	22.50
		8	7	21.31	21.27	21.37	22.50
		8	13	21.32	21.25	21.37	22.50
		15	0	21.27	21.23	21.28	22.50
	64QAM	1	0	21.57	21.59	21.63	22.50

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		1	12	21.69	21.79	21.58	22.50
		1	24	21.53	21.49	21.76	22.50
		8	0	20.07	20.15	20.37	21.50
		8	7	20.17	20.19	20.29	21.50
		8	13	20.28	20.09	20.19	21.50
		15	0	20.01	20.34	20.25	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				131997/1712.5	132322/1745	132647/1777.5	
5MHz	QPSK	1	0	23.42	23.22	23.28	24.50
		1	25	23.51	23.22	23.32	24.50
		1	49	23.47	23.22	23.36	24.50
		12	0	22.23	22.23	22.32	23.50
		12	12	22.24	22.23	22.31	23.50
		12	25	22.31	22.19	22.26	23.50
		25	0	22.23	22.22	22.33	23.50
	16QAM	1	0	22.58	22.82	22.30	23.50
		1	25	22.61	22.81	22.29	23.50
		1	49	22.60	22.83	22.33	23.50
		12	0	21.26	21.40	21.37	22.50
		12	12	21.31	21.32	21.34	22.50
		12	25	21.39	21.28	21.31	22.50
		25	0	21.29	21.26	21.29	22.50
	64QAM	1	0	21.52	21.67	21.63	22.50
		1	25	21.68	21.79	21.74	22.50
		1	49	21.42	21.54	21.57	22.50
		12	0	20.09	20.27	20.45	21.50
		12	12	20.22	20.27	20.22	21.50
		12	25	20.22	20.15	20.17	21.50
		25	0	20.16	20.31	20.19	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132022/1715	132322/1745	132622/1775	
10MHz	QPSK	1	0	23.26	23.16	23.25	24.50
		1	37	**23.26**	23.21	**23.21**	24.50
		1	74	23.28	23.15	23.26	24.50
		25	0	22.16	22.23	22.26	23.50
		25	20	22.22	22.21	22.30	23.50
		25	39	22.33	22.27	22.29	23.50
		50	0	22.25	22.27	22.37	23.50
	16QAM	1	0	22.13	22.55	22.26	23.50
		1	37	22.13	22.58	22.18	23.50
		1	74	22.13	22.54	22.27	23.50
		25	0	21.19	21.26	21.38	22.50
		25	20	21.30	21.25	21.39	22.50

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		25	39	21.36	21.31	21.35	22.50
		50	0	21.22	21.26	21.39	22.50
	64QAM	1	0	21.71	21.58	21.47	22.50
		1	37	21.64	21.59	21.57	22.50
		1	74	21.46	21.66	21.61	22.50
		25	0	20.13	20.21	20.44	21.50
		25	20	20.23	20.15	20.39	21.50
		25	39	20.19	20.26	20.31	21.50
		50	0	20.28	20.16	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132047/1717.5	132322/1745	132597/1772.5	
15MHz	QPSK	1	0	23.23	23.13	23.16	24.50
		1	49	23.28	23.16	23.20	24.50
		1	99	23.16	23.06	23.21	24.50
		36	0	22.14	22.16	22.29	23.50
		36	24	22.19	22.17	22.30	23.50
		36	50	22.20	22.20	22.25	23.50
		75	0	22.17	22.22	22.29	23.50
	16QAM	1	0	22.09	22.54	22.61	23.50
		1	49	22.14	22.55	22.56	23.50
		1	99	22.01	22.46	22.53	23.50
		36	0	21.15	21.21	21.24	22.50
		36	24	21.19	21.25	21.30	22.50
		36	50	21.20	21.26	21.21	22.50
		75	0	21.19	21.22	21.27	22.50
	64QAM	1	0	21.55	21.56	21.59	22.50
		1	49	21.69	21.66	21.69	22.50
		1	99	21.45	21.46	21.71	22.50
		36	0	20.11	20.36	20.44	21.50
		36	24	20.11	20.19	20.25	21.50
		36	50	20.22	20.18	20.23	21.50
		75	0	20.19	20.09	20.44	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132072/1720	132322/1745	132572/1770	
20MHz	QPSK	1	0	23.10	23.12	23.10	24.50
		1	49	23.14	23.18	23.19	24.50
		1	99	23.00	23.09	23.14	24.50
		50	0	22.04	22.23	22.35	23.50
		50	24	22.21	22.26	22.34	23.50
		50	50	22.20	22.22	22.27	23.50
		100	0	22.15	22.23	22.31	23.50
	16QAM	1	0	22.79	22.47	22.61	23.50
		1	49	22.79	22.57	22.67	23.50

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		1	99	22.69	22.44	22.57	23.50
		50	0	21.07	21.26	21.32	22.50
		50	24	21.23	21.26	21.30	22.50
		50	50	21.25	21.23	21.21	22.50
		100	0	21.18	21.21	21.30	22.50
	64QAM	1	0	21.58	21.60	21.69	22.50
		1	49	21.74	21.67	21.61	22.50
		1	99	21.54	21.49	21.51	22.50
		50	0	20.12	20.35	20.28	21.50
		50	24	20.26	20.30	20.21	21.50
		50	50	20.12	20.14	20.17	21.50
		100	0	20.27	20.10	20.43	21.50

LTE FDD Band 66 LTE B66-Level 1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				131979/1710.7	132322/1745	132665/1779.3	
1.4MHz	QPSK	1	0	17.60	17.67	17.59	19.00
		1	8	17.60	17.74	17.71	19.00
		1	14	17.46	17.63	17.40	19.00
		3	0	17.55	17.71	17.89	19.00
		3	4	17.64	17.78	17.74	19.00
		3	7	17.49	17.66	17.49	19.00
		6	0	17.61	17.68	17.71	19.00
	16QAM	1	0	17.65	17.56	17.44	19.00
		1	8	17.69	17.52	17.54	19.00
		1	14	17.39	17.54	17.41	19.00
		3	0	17.58	17.58	17.72	19.00
		3	4	17.73	17.48	17.71	19.00
		3	7	17.59	17.68	17.54	19.00
		6	0	17.45	17.41	17.58	19.00
	64QAM	1	0	17.43	17.48	17.47	19.00
		1	8	17.60	17.57	17.48	19.00
		1	14	17.42	17.35	17.32	19.00
		3	0	17.64	17.71	17.80	19.00
		3	4	17.41	17.55	17.71	19.00
		3	7	17.56	17.48	17.42	19.00
		6	0	17.53	17.56	17.69	19.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				1319871711.5	132322/1745	132657/1778.5	
3MHz	QPSK	1	0	17.64	17.74	17.58	19.00
		1	12	17.63	17.71	17.56	19.00
		1	24	17.49	17.57	17.44	19.00

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		8	0	17.60	17.71	17.83	19.00
		8	7	17.74	17.78	17.84	19.00
		8	13	17.54	17.58	17.60	19.00
		15	0	17.61	17.55	17.68	19.00
	16QAM	1	0	17.51	17.60	17.53	19.00
		1	12	17.66	17.47	17.52	19.00
		1	24	17.53	17.41	17.38	19.00
		8	0	17.58	17.69	17.83	19.00
		8	7	17.66	17.64	17.58	19.00
		8	13	17.52	17.66	17.46	19.00
		15	0	17.53	17.46	17.62	19.00
	64QAM	1	0	17.53	17.45	17.39	19.00
		1	12	17.48	17.74	17.52	19.00
		1	24	17.52	17.44	17.33	19.00
		8	0	17.52	17.73	17.65	19.00
		8	7	17.47	17.44	17.64	19.00
		8	13	17.54	17.44	17.34	19.00
		15	0	17.64	17.53	17.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				131997/1712.5	132322/1745	132647/1777.5	
5MHz	QPSK	1	0	17.76	17.73	17.58	19.00
		1	25	17.54	17.71	17.69	19.00
		1	49	17.52	17.49	17.42	19.00
		12	0	17.69	17.73	17.82	19.00
		12	12	17.60	17.72	17.72	19.00
		12	25	17.59	17.53	17.66	19.00
		25	0	17.66	17.55	17.80	19.00
	16QAM	1	0	17.57	17.54	17.37	19.00
		1	25	17.67	17.63	17.51	19.00
		1	49	17.54	17.39	17.43	19.00
		12	0	17.59	17.57	17.85	19.00
		12	12	17.69	17.49	17.61	19.00
		12	25	17.51	17.58	17.53	19.00
		25	0	17.42	17.53	17.46	19.00
	64QAM	1	0	17.41	17.43	17.47	19.00
		1	25	17.61	17.60	17.44	19.00
		1	49	17.36	17.42	17.34	19.00
		12	0	17.66	17.59	17.84	19.00
		12	12	17.59	17.47	17.82	19.00
		12	25	17.54	17.49	17.40	19.00
		25	0	17.70	17.65	17.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132022/1715	132322/1745	132622/1775	

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10MHz	QPSK	1	0	17.73	17.76	17.71	19.00
		1	37	17.62	17.63	17.60	19.00
		1	74	17.58	17.47	17.45	19.00
		25	0	17.57	17.62	17.87	19.00
		25	20	17.69	17.59	17.82	19.00
		25	39	17.56	17.67	17.51	19.00
		50	0	17.59	17.72	17.65	19.00
	16QAM	1	0	17.60	17.52	17.53	19.00
		1	37	17.68	17.63	17.50	19.00
		1	74	17.44	17.56	17.35	19.00
		25	0	17.47	17.67	17.82	19.00
		25	20	17.63	17.46	17.78	19.00
		25	39	17.62	17.59	17.39	19.00
		50	0	17.55	17.49	17.50	19.00
	64QAM	1	0	17.39	17.56	17.43	19.00
		1	37	17.48	17.67	17.45	19.00
		1	74	17.46	17.49	17.24	19.00
		25	0	17.68	17.70	17.71	19.00
		25	20	17.61	17.54	17.68	19.00
		25	39	17.54	17.51	17.46	19.00
		50	0	17.53	17.59	17.58	19.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132047/1717.5	132322/1745	132597/1772.5	
15MHz	QPSK	1	0	17.67	17.59	17.61	19.00
		1	49	17.56	17.71	17.67	19.00
		1	99	17.55	17.55	17.38	19.00
		36	0	17.57	17.66	17.73	19.00
		36	24	17.67	17.70	17.76	19.00
		36	50	17.54	17.62	17.55	19.00
		75	0	17.63	17.62	17.77	19.00
	16QAM	1	0	17.65	17.54	17.54	19.00
		1	49	17.58	17.55	17.54	19.00
		1	99	17.51	17.41	17.38	19.00
		36	0	17.47	17.67	17.86	19.00
		36	24	17.64	17.53	17.74	19.00
		36	50	17.50	17.70	17.47	19.00
		75	0	17.49	17.40	17.52	19.00
	64QAM	1	0	17.51	17.45	17.55	19.00
		1	49	17.68	17.71	17.59	19.00
		1	99	17.44	17.53	17.33	19.00
		36	0	17.62	17.72	17.71	19.00
		36	24	17.53	17.46	17.72	19.00
		36	50	17.48	17.58	17.44	19.00

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		75	0	17.61	17.51	17.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132072/1720	132322/1745	132572/1770	
20MHz	QPSK	1	0	17.61	17.69	17.53	19.00
		1	49	17.71	17.62	17.65	19.00
		1	99	17.40	17.61	17.43	19.00
		50	0	17.57	17.62	17.88	19.00
		50	24	17.71	17.75	17.80	19.00
		50	50	17.65	17.64	17.57	19.00
		100	0	17.60	17.54	17.63	19.00
	16QAM	1	0	17.60	17.55	17.35	19.00
		1	49	17.56	17.50	17.56	19.00
		1	99	17.40	17.56	17.37	19.00
		50	0	17.62	17.62	17.79	19.00
		50	24	17.60	17.55	17.65	19.00
		50	50	17.65	17.69	17.46	19.00
		100	0	17.37	17.39	17.62	19.00
	64QAM	1	0	17.48	17.45	17.43	19.00
		1	49	17.64	17.57	17.50	19.00
		1	99	17.41	17.48	17.41	19.00
		50	0	17.52	17.57	17.84	19.00
		50	24	17.45	17.39	17.64	19.00
		50	50	17.39	17.59	17.33	19.00
		100	0	17.55	17.56	17.59	19.00

LTE FDD Band 66 LTE B66-Level 2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				131979/1710.7	132322/1745	132665/1779.3	
1.4MHz	QPSK	1	0	15.63	15.59	15.62	17.00
		1	8	15.68	15.77	15.58	17.00
		1	14	15.41	15.65	15.47	17.00
		3	0	15.54	15.81	15.81	17.00
		3	4	15.63	15.79	15.71	17.00
		3	7	15.50	15.53	15.48	17.00
		6	0	15.64	15.67	15.66	17.00
	16QAM	1	0	15.63	15.69	15.36	17.00
		1	8	15.68	15.55	15.40	17.00
		1	14	15.47	15.57	15.36	17.00
		3	0	15.58	15.55	15.81	17.00
		3	4	15.78	15.60	15.67	17.00
		3	7	15.55	15.65	15.47	17.00
		6	0	15.50	15.36	15.49	17.00

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	64QAM	1	0	15.56	15.53	15.37	17.00
		1	8	15.64	15.70	15.60	17.00
		1	14	15.42	15.36	15.31	17.00
		3	0	15.63	15.56	15.66	17.00
		3	4	15.41	15.55	15.65	17.00
		3	7	15.56	15.62	15.32	17.00
		6	0	15.62	15.55	15.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				1319871711.5	132322/1745	132657/1778.5	
3MHz	QPSK	1	0	15.60	15.72	15.65	17.00
		1	12	15.70	15.60	15.55	17.00
		1	24	15.44	15.64	15.39	17.00
		8	0	15.51	15.65	15.80	17.00
		8	7	15.71	15.75	15.70	17.00
		8	13	15.54	15.57	15.63	17.00
		15	0	15.61	15.54	15.65	17.00
	16QAM	1	0	15.64	15.68	15.51	17.00
		1	12	15.55	15.45	15.54	17.00
		1	24	15.50	15.43	15.33	17.00
		8	0	15.50	15.74	15.75	17.00
		8	7	15.62	15.55	15.66	17.00
		8	13	15.56	15.53	15.54	17.00
		15	0	15.54	15.46	15.65	17.00
	64QAM	1	0	15.52	15.50	15.51	17.00
		1	12	15.61	15.56	15.60	17.00
		1	24	15.53	15.40	15.34	17.00
		8	0	15.54	15.61	15.77	17.00
		8	7	15.53	15.55	15.68	17.00
		8	13	15.44	15.44	15.30	17.00
		15	0	15.54	15.52	15.62	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				131997/1712.5	132322/1745	132647/1777.5	
5MHz	QPSK	1	0	15.74	15.65	15.57	17.00
		1	25	15.68	15.64	15.71	17.00
		1	49	15.60	15.63	15.52	17.00
		12	0	15.52	15.66	15.89	17.00
		12	12	15.73	15.68	15.83	17.00
		12	25	15.67	15.70	15.52	17.00
		25	0	15.62	15.71	15.72	17.00
	16QAM	1	0	15.50	15.53	15.44	17.00
		1	25	15.58	15.54	15.41	17.00
		1	49	15.49	15.41	15.49	17.00
		12	0	15.53	15.68	15.74	17.00

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		12	12	15.66	15.61	15.76	17.00
		12	25	15.56	15.70	15.40	17.00
		25	0	15.35	15.41	15.64	17.00
	64QAM	1	0	15.42	15.43	15.39	17.00
		1	25	15.49	15.64	15.51	17.00
		1	49	15.44	15.42	15.35	17.00
		12	0	15.66	15.65	15.66	17.00
		12	12	15.58	15.59	15.72	17.00
		12	25	15.39	15.61	15.50	17.00
		25	0	15.69	15.55	15.70	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132022/1715	132322/1745	132622/1775	
10MHz	QPSK	1	0	15.75	15.69	15.71	17.00
		1	37	15.55	15.68	15.59	17.00
		1	74	15.49	15.61	15.56	17.00
		25	0	15.56	15.81	15.84	17.00
		25	20	15.78	15.71	15.82	17.00
		25	39	15.52	15.55	15.62	17.00
		50	0	15.56	15.65	15.78	17.00
	16QAM	1	0	15.63	15.53	15.41	17.00
		1	37	15.53	15.59	15.43	17.00
		1	74	15.59	15.54	15.38	17.00
		25	0	15.46	15.63	15.78	17.00
		25	20	15.67	15.63	15.75	17.00
		25	39	15.65	15.57	15.44	17.00
		50	0	15.46	15.33	15.45	17.00
	64QAM	1	0	15.46	15.51	15.45	17.00
		1	37	15.48	15.70	15.57	17.00
		1	74	15.43	15.39	15.33	17.00
		25	0	15.62	15.73	15.72	17.00
		25	20	15.46	15.59	15.84	17.00
		25	39	15.50	15.53	15.49	17.00
		50	0	15.64	15.60	15.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132047/1717.5	132322/1745	132597/1772.5	
15MHz	QPSK	1	0	15.79	15.57	15.66	17.00
		1	49	15.73	15.61	15.54	17.00
		1	99	15.41	15.60	15.43	17.00
		36	0	15.51	15.73	15.86	17.00
		36	24	15.72	15.72	15.80	17.00
		36	50	15.49	15.60	15.68	17.00
		75	0	15.72	15.60	15.77	17.00
	16QAM	1	0	15.61	15.64	15.48	17.00

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		1	49	15.64	15.45	15.53	17.00
		1	99	15.41	15.46	15.43	17.00
		36	0	15.43	15.72	15.78	17.00
		36	24	15.64	15.62	15.65	17.00
		36	50	15.60	15.68	15.36	17.00
		75	0	15.37	15.35	15.56	17.00
	64QAM	1	0	15.55	15.58	15.51	17.00
		1	49	15.66	15.73	15.55	17.00
		1	99	15.45	15.46	15.25	17.00
		36	0	15.70	15.69	15.76	17.00
		36	24	15.54	15.50	15.76	17.00
		36	50	15.50	15.60	15.34	17.00
		75	0	15.60	15.51	15.65	17.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132072/1720	132322/1745	132572/1770	
20MHz	QPSK	1	0	15.79	15.77	15.73	17.00
		1	49	15.74	15.80	15.73	17.00
		1	99	15.60	15.67	15.58	17.00
		50	0	15.70	15.81	15.89	17.00
		50	24	15.80	15.79	15.84	17.00
		50	50	15.69	15.72	15.68	17.00
		100	0	15.74	15.72	15.81	17.00
	16QAM	1	0	15.68	15.72	15.55	17.00
		1	49	15.72	15.64	15.58	17.00
		1	99	15.59	15.57	15.51	17.00
		50	0	15.62	15.74	15.89	17.00
		50	24	15.78	15.66	15.78	17.00
		50	50	15.65	15.70	15.55	17.00
		100	0	15.55	15.53	15.65	17.00
	64QAM	1	0	15.59	15.63	15.55	17.00
		1	49	15.68	15.75	15.61	17.00
		1	99	15.56	15.54	15.43	17.00
		50	0	15.70	15.75	15.85	17.00
		50	24	15.61	15.59	15.84	17.00
		50	50	15.59	15.64	15.50	17.00
		100	0	15.71	15.71	15.77	17.00

LTE FDD Band 66 LTE B66-Level 4&5&6-Sensor on				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				131979/1710.7	132322/1745	132665/1779.3	
1.4MHz	QPSK	1	0	20.07	20.18	20.15	21.50
		1	8	20.10	20.15	20.10	21.50

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		1	14	20.01	19.95	19.99	21.50
		3	0	20.09	20.33	20.35	21.50
		3	4	20.13	20.28	20.32	21.50
		3	7	20.08	20.06	20.16	21.50
		6	0	20.05	20.05	20.11	21.50
	16QAM	1	0	20.09	20.18	19.95	21.50
		1	8	19.90	20.14	19.92	21.50
		1	14	19.81	19.90	19.93	21.50
		3	0	20.17	19.97	20.21	21.50
		3	4	20.12	20.23	20.20	21.50
		3	7	20.09	19.94	19.98	21.50
		6	0	20.13	20.04	19.88	21.50
	64QAM	1	0	20.06	19.82	20.12	21.50
		1	8	20.12	19.99	19.85	21.50
		1	14	20.03	19.88	19.84	21.50
		3	0	20.11	20.03	20.11	21.50
		3	4	20.24	20.20	20.18	21.50
		3	7	19.97	20.05	19.97	21.50
		6	0	20.04	19.95	20.04	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				1319871711.5	132322/1745	132657/1778.5	Limit
3MHz	QPSK	1	0	20.16	20.16	20.11	21.50
		1	12	20.24	20.07	20.16	21.50
		1	24	20.05	19.88	20.03	21.50
		8	0	20.17	20.27	20.36	21.50
		8	7	20.18	20.21	20.17	21.50
		8	13	20.16	20.15	20.13	21.50
		15	0	20.24	20.14	20.09	21.50
	16QAM	1	0	20.11	20.00	20.00	21.50
		1	12	19.89	20.21	19.90	21.50
		1	24	19.81	19.94	19.79	21.50
		8	0	20.17	20.04	20.29	21.50
		8	7	20.10	20.05	20.22	21.50
		8	13	19.92	20.01	19.96	21.50
		15	0	20.13	20.04	19.88	21.50
	64QAM	1	0	20.08	19.90	20.03	21.50
		1	12	20.13	19.98	20.02	21.50
		1	24	19.98	19.82	19.79	21.50
		8	0	19.95	19.98	20.26	21.50
		8	7	20.15	20.25	20.34	21.50
		8	13	20.00	19.96	20.03	21.50
		15	0	20.03	19.99	19.99	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				131997/1712.5	132322/1745	132647/1777.5	Limit
5MHz	QPSK	1	0	20.27	20.04	20.20	21.50
		1	25	20.25	20.21	20.07	21.50
		1	49	19.94	19.95	20.04	21.50
		12	0	20.06	20.27	20.22	21.50
		12	12	20.28	20.23	20.22	21.50
		12	25	20.20	20.19	20.02	21.50
		25	0	20.18	20.17	20.12	21.50
	16QAM	1	0	20.07	20.09	20.01	21.50
		1	25	19.90	20.13	20.02	21.50
		1	49	19.79	19.82	19.81	21.50
		12	0	20.13	20.08	20.32	21.50
		12	12	20.06	20.19	20.11	21.50
		12	25	19.92	19.90	20.07	21.50
		25	0	20.03	19.96	19.92	21.50
	64QAM	1	0	20.05	19.84	20.10	21.50
		1	25	20.17	19.97	19.86	21.50
		1	49	20.00	19.84	19.77	21.50
		12	0	20.05	19.97	20.25	21.50
		12	12	20.08	20.22	20.35	21.50
		12	25	20.10	19.93	19.90	21.50
		25	0	19.98	20.12	20.04	21.50

Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132022/1715	132322/1745	132622/1775	
10MHz	QPSK	1	0	20.16	20.02	20.06	21.50
		1	37	20.21	20.16	20.06	21.50
		1	74	20.09	19.97	20.08	21.50
		25	0	20.14	20.21	20.29	21.50
		25	20	20.21	20.25	20.25	21.50
		25	39	20.06	20.08	20.05	21.50
		50	0	20.13	20.21	20.15	21.50
	16QAM	1	0	20.03	20.01	19.91	21.50
		1	37	20.04	20.17	19.93	21.50
		1	74	19.82	19.85	19.81	21.50
		25	0	20.11	20.13	20.26	21.50
		25	20	20.03	20.23	20.03	21.50
		25	39	20.02	19.86	20.04	21.50
		50	0	20.09	19.93	20.02	21.50
	64QAM	1	0	20.18	19.94	20.01	21.50
		1	37	20.23	20.01	20.03	21.50
		1	74	19.88	19.73	19.89	21.50
		25	0	19.93	20.02	20.22	21.50
		25	20	20.16	20.31	20.27	21.50

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		25	39	20.09	19.94	19.86	21.50
		50	0	19.92	19.95	19.96	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132047/1717.5	132322/1745	132597/1772.5	
15MHz	QPSK	1	0	20.21	20.05	20.07	21.50
		1	49	20.26	20.14	20.14	21.50
		1	99	20.11	19.93	20.02	21.50
		36	0	20.17	20.16	20.38	21.50
		36	24	20.12	20.18	20.35	21.50
		36	50	20.03	20.20	20.13	21.50
		75	0	20.22	20.17	20.17	21.50
	16QAM	1	0	19.99	20.10	20.05	21.50
		1	49	19.88	20.10	19.97	21.50
		1	99	19.87	19.92	19.90	21.50
		36	0	20.02	19.94	20.25	21.50
		36	24	20.05	20.15	20.17	21.50
		36	50	19.89	19.92	19.95	21.50
		75	0	19.98	19.94	19.99	21.50
	64QAM	1	0	20.18	19.81	20.13	21.50
		1	49	20.14	20.02	19.89	21.50
		1	99	19.98	19.71	19.77	21.50
		36	0	20.12	19.99	20.12	21.50
		36	24	20.21	20.14	20.33	21.50
		36	50	20.05	19.97	20.01	21.50
		75	0	19.98	19.99	19.98	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132072/1720	132322/1745	132572/1770	
20MHz	QPSK	1	0	20.27	20.19	20.24	21.50
		1	49	20.26	20.23	20.21	21.50
		1	99	20.12	20.08	20.09	21.50
		50	0	20.25	20.33	20.42	21.50
		50	24	20.32	20.32	20.36	21.50
		50	50	20.20	20.23	20.21	21.50
		100	0	20.25	20.22	20.26	21.50
	16QAM	1	0	20.15	20.18	20.09	21.50
		1	49	20.08	20.21	20.07	21.50
		1	99	19.94	20.02	19.99	21.50
		50	0	20.21	20.13	20.37	21.50
		50	24	20.19	20.23	20.23	21.50
		50	50	20.09	20.04	20.09	21.50
		100	0	20.16	20.12	20.06	21.50
	64QAM	1	0	20.18	19.99	20.13	21.50
		1	49	20.25	20.17	20.03	21.50

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		1	99	20.04	19.90	19.95	21.50
		50	0	20.13	20.15	20.27	21.50
		50	24	20.27	20.32	20.36	21.50
		50	50	20.17	20.06	20.06	21.50
		100	0	20.06	20.13	20.13	21.50

LTE FDD Band 66 LTE B66-Level 4&5&6-Sensor off				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				131979/1710.7	132322/1745	132665/1779.3	
1.4MHz	QPSK	1	0	23.08	23.13	23.21	24.50
		1	8	23.07	23.13	23.27	24.50
		1	14	23.08	23.14	23.25	24.50
		3	0	23.23	23.20	23.39	24.50
		3	4	23.25	23.18	23.43	24.50
		3	7	23.23	23.15	23.39	24.50
		6	0	22.27	22.23	22.36	23.50
	16QAM	1	0	22.32	22.63	22.27	23.50
		1	8	22.31	22.59	22.28	23.50
		1	14	22.32	22.60	22.31	23.50
		3	0	22.25	22.44	22.52	23.50
		3	4	22.24	22.39	22.50	23.50
		3	7	22.24	22.40	22.51	23.50
		6	0	21.37	21.10	21.54	22.50
	64QAM	1	0	21.67	21.76	21.69	22.50
		1	8	21.58	21.65	21.62	22.50
		1	14	21.48	21.68	21.50	22.50
		3	0	21.68	21.65	21.71	22.50
		3	4	21.55	21.63	21.52	22.50
		3	7	21.57	21.58	21.47	22.50
		6	0	20.00	20.34	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				1319871711.5	132322/1745	132657/1778.5	
3MHz	QPSK	1	0	23.28	23.15	23.19	24.50
		1	12	23.22	23.16	23.26	24.50
		1	24	23.29	23.13	23.27	24.50
		8	0	22.20	22.23	22.33	23.50
		8	7	22.23	22.19	22.33	23.50
		8	13	22.20	22.16	22.32	23.50
		15	0	22.23	22.15	22.31	23.50
	16QAM	1	0	22.15	22.56	22.27	23.50
		1	12	22.11	22.59	22.24	23.50
		1	24	22.16	22.61	22.28	23.50

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		8	0	21.31	21.28	21.37	22.50
		8	7	21.31	21.27	21.37	22.50
		8	13	21.32	21.25	21.37	22.50
		15	0	21.27	21.23	21.28	22.50
	64QAM	1	0	21.57	21.59	21.63	22.50
		1	12	21.69	21.79	21.58	22.50
		1	24	21.53	21.49	21.76	22.50
		8	0	20.07	20.15	20.37	21.50
		8	7	20.17	20.19	20.29	21.50
		8	13	20.28	20.09	20.19	21.50
		15	0	20.01	20.34	20.25	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				131997/1712.5	132322/1745	132647/1777.5	
5MHz	QPSK	1	0	23.42	23.22	23.28	24.50
		1	25	23.51	23.22	23.32	24.50
		1	49	23.47	23.22	23.36	24.50
		12	0	22.23	22.23	22.32	23.50
		12	12	22.24	22.23	22.31	23.50
		12	25	22.31	22.19	22.26	23.50
		25	0	22.23	22.22	22.33	23.50
	16QAM	1	0	22.58	22.82	22.30	23.50
		1	25	22.61	22.81	22.29	23.50
		1	49	22.60	22.83	22.33	23.50
		12	0	21.26	21.40	21.37	22.50
		12	12	21.31	21.32	21.34	22.50
		12	25	21.39	21.28	21.31	22.50
		25	0	21.29	21.26	21.29	22.50
	64QAM	1	0	21.52	21.67	21.63	22.50
		1	25	21.68	21.79	21.74	22.50
		1	49	21.42	21.54	21.57	22.50
		12	0	20.09	20.27	20.45	21.50
		12	12	20.22	20.27	20.22	21.50
		12	25	20.22	20.15	20.17	21.50
		25	0	20.16	20.31	20.19	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132022/1715	132322/1745	132622/1775	
10MHz	QPSK	1	0	23.26	23.16	23.25	24.50
		1	37	**23.26**	23.21	**23.21**	24.50
		1	74	23.28	23.15	23.26	24.50
		25	0	22.16	22.23	22.26	23.50
		25	20	22.22	22.21	22.30	23.50
		25	39	22.33	22.27	22.29	23.50
		50	0	22.25	22.27	22.37	23.50

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	16QAM	1	0	22.13	22.55	22.26	23.50
		1	37	22.13	22.58	22.18	23.50
		1	74	22.13	22.54	22.27	23.50
		25	0	21.19	21.26	21.38	22.50
		25	20	21.30	21.25	21.39	22.50
		25	39	21.36	21.31	21.35	22.50
		50	0	21.22	21.26	21.39	22.50
	64QAM	1	0	21.71	21.58	21.47	22.50
		1	37	21.64	21.59	21.57	22.50
		1	74	21.46	21.66	21.61	22.50
		25	0	20.13	20.21	20.44	21.50
		25	20	20.23	20.15	20.39	21.50
		25	39	20.19	20.26	20.31	21.50
		50	0	20.28	20.16	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132047/1717.5	132322/1745	132597/1772.5	
15MHz	QPSK	1	0	23.23	23.13	23.16	24.50
		1	49	23.28	23.16	23.20	24.50
		1	99	23.16	23.06	23.21	24.50
		36	0	22.14	22.16	22.29	23.50
		36	24	22.19	22.17	22.30	23.50
		36	50	22.20	22.20	22.25	23.50
		75	0	22.17	22.22	22.29	23.50
	16QAM	1	0	22.09	22.54	22.61	23.50
		1	49	22.14	22.55	22.56	23.50
		1	99	22.01	22.46	22.53	23.50
		36	0	21.15	21.21	21.24	22.50
		36	24	21.19	21.25	21.30	22.50
		36	50	21.20	21.26	21.21	22.50
		75	0	21.19	21.22	21.27	22.50
	64QAM	1	0	21.55	21.56	21.59	22.50
		1	49	21.69	21.66	21.69	22.50
		1	99	21.45	21.46	21.71	22.50
		36	0	20.11	20.36	20.44	21.50
		36	24	20.11	20.19	20.25	21.50
		36	50	20.22	20.18	20.23	21.50
		75	0	20.19	20.09	20.44	21.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				132072/1720	132322/1745	132572/1770	
20MHz	QPSK	1	0	23.10	23.12	23.10	24.50
		1	49	23.14	23.18	23.19	24.50
		1	99	23.00	23.09	23.14	24.50
		50	0	22.04	22.23	22.35	23.50

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		50	24	22.21	22.26	22.34	23.50
		50	50	22.20	22.22	22.27	23.50
		100	0	22.15	22.23	22.31	23.50
	16QAM	1	0	22.79	22.47	22.61	23.50
		1	49	22.79	22.57	22.67	23.50
		1	99	22.69	22.44	22.57	23.50
		50	0	21.07	21.26	21.32	22.50
		50	24	21.23	21.26	21.30	22.50
		50	50	21.25	21.23	21.21	22.50
		100	0	21.18	21.21	21.30	22.50
	64QAM	1	0	21.58	21.60	21.69	22.50
		1	49	21.74	21.67	21.61	22.50
		1	99	21.54	21.49	21.51	22.50
		50	0	20.12	20.35	20.28	21.50
		50	24	20.26	20.30	20.21	21.50
		50	50	20.12	20.14	20.17	21.50
		100	0	20.27	20.10	20.43	21.50

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1.4 LTE CA Mode

Antenna 0:

LTE Uplink 2CA_ Band 7-ANT0 Normal										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	22.89	24
21100	21298	20	QPSK	1	High	1	Low	2	22.65	24
21350	21152	20	QPSK	1	Low	1	High	2	22.76	24

LTE Uplink 2CA_ Band 7-ANT0 LEVEL1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	22.89	24
21100	21298	20	QPSK	1	High	1	Low	2	22.65	24
21350	21152	20	QPSK	1	Low	1	High	2	22.76	24

LTE Uplink 2CA_ Band 7-ANT0 LEVEL2&3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	22.89	24
21100	21298	20	QPSK	1	High	1	Low	2	22.65	24
21350	21152	20	QPSK	1	Low	1	High	2	22.76	24

LTE Uplink 2CA_ Band 7-ANT0 LEVEL4&5&6										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	21.55	23
21100	21298	20	QPSK	1	High	1	Low	2	21.58	23
21350	21152	20	QPSK	1	Low	1	High	2	21.51	23

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LTE Uplink 2CA_ Band 38-ANT0 Normal										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.46	24.5
38099	37901	20	QPSK	1	Low	1	High	2	23.49	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.53	24.5

LTE Uplink 2CA_ Band 38-ANT0 LEVEL1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.46	24.5
38099	37901	20	QPSK	1	Low	1	High	2	23.49	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.53	24.5

LTE Uplink 2CA_ Band 38-ANT0 LEVEL2&3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.46	24.5
38099	37901	20	QPSK	1	Low	1	High	2	23.49	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.53	24.5

LTE Uplink 2CA_ Band 38-ANT0 LEVEL4&5&6										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.46	24.5
38099	37901	20	QPSK	1	Low	1	High	2	23.49	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.53	24.5

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LTE Uplink 2CA_ Band 41-ANT0 Normal										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	23.05	24.5
40185	40383	20	QPSK	1	High	1	Low	2	23.01	24.5
40620	40818	20	QPSK	1	High	1	Low	2	23.36	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.99	24.5
41490	41292	20	QPSK	1	Low	1	High	2	23.02	24.5

LTE Uplink 2CA_ Band 41-ANT0 LEVEL1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	23.05	24.5
40185	40383	20	QPSK	1	High	1	Low	2	23.01	24.5
40620	40818	20	QPSK	1	High	1	Low	2	23.36	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.99	24.5
41490	41292	20	QPSK	1	Low	1	High	2	23.02	24.5

LTE Uplink 2CA_ Band 41-ANT0 LEVEL2&3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	23.05	24.5
40185	40383	20	QPSK	1	High	1	Low	2	23.01	24.5
40620	40818	20	QPSK	1	High	1	Low	2	23.36	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.99	24.5
41490	41292	20	QPSK	1	Low	1	High	2	23.02	24.5

LTE Uplink 2CA_ Band 41-ANT0 LEVEL4&5&6										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			

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39750	39948	20	QPSK	1	High	1	Low	2	23.05	24.5
40185	40383	20	QPSK	1	High	1	Low	2	23.01	24.5
40620	40818	20	QPSK	1	High	1	Low	2	23.36	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.99	24.5
41490	41292	20	QPSK	1	Low	1	High	2	23.02	24.5

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Antenna 1:

LTE Uplink 2CA_ Band 7-ANT1 Normal										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.71	24
21100	21298	20	QPSK	1	High	1	Low	2	23.66	24
21350	21152	20	QPSK	1	Low	1	High	2	23.64	24

LTE Uplink 2CA_ Band 7-ANT1-LEVEL1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	15.52	16.3
21100	21298	20	QPSK	1	High	1	Low	2	15.81	16.3
21350	21152	20	QPSK	1	Low	1	High	2	15.88	16.3

LTE Uplink 2CA_ Band 7-ANT1-LEVEL2&3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	13.74	14.5
21100	21298	20	QPSK	1	High	1	Low	2	13.95	14.5
21350	21152	20	QPSK	1	Low	1	High	2	14.16	14.5

LTE Uplink 2CA_ Band 7-ANT1-LEVEL4&5&6-sensor on										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	18.7	19.5
21100	21298	20	QPSK	1	High	1	Low	2	19.06	19.5
21350	21152	20	QPSK	1	Low	1	High	2	19.15	19.5

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LTE Uplink 2CA_ Band 7-ANT1-LEVEL4&5&6-sensor off										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.71	24
21100	21298	20	QPSK	1	High	1	Low	2	23.66	24
21350	21152	20	QPSK	1	Low	1	High	2	23.64	24

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LTE Uplink 2CA_ Band 38-ANT1 Normal										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.91	24.5
38099	37901	20	QPSK	1	Low	1	High	2	24.01	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.98	24.5

LTE Uplink 2CA_ Band 38-ANT1-LEVEL1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	17.61	18.5
38099	37901	20	QPSK	1	Low	1	High	2	17.66	18.5
38150	37952	20	QPSK	1	Low	1	High	2	17.59	18.5

LTE Uplink 2CA_ Band 38-ANT1-LEVEL2&3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	15.6	16.5
38099	37901	20	QPSK	1	Low	1	High	2	15.65	16.5
38150	37952	20	QPSK	1	Low	1	High	2	15.67	16.5

LTE Uplink 2CA_ Band 38-ANT1-LEVEL4&5&6-sensor on										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	22.14	23
38099	37901	20	QPSK	1	Low	1	High	2	22.02	23
38150	37952	20	QPSK	1	Low	1	High	2	22.23	23

LTE Uplink 2CA_ Band 38-ANT1-LEVEL4&5&6-sensor off
Combination 20MHz+20MHz(100RB+100RB)

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PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.91	24.5
38099	37901	20	QPSK	1	Low	1	High	2	24.01	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.98	24.5

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LTE Uplink 2CA_ Band 41-ANT1 Normal										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	23.88	24.5
40185	40383	20	QPSK	1	High	1	Low	2	23.72	24.5
40620	40818	20	QPSK	1	High	1	Low	2	23.86	24.5
41055	40857	20	QPSK	1	Low	1	High	2	23.75	24.5
41490	41292	20	QPSK	1	Low	1	High	2	23.96	24.5

LTE Uplink 2CA_ Band 41-ANT1-LEVEL1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	17.14	18.5
40185	40383	20	QPSK	1	High	1	Low	2	17.15	18.5
40620	40818	20	QPSK	1	High	1	Low	2	17.33	18.5
41055	40857	20	QPSK	1	Low	1	High	2	17.18	18.5
41490	41292	20	QPSK	1	Low	1	High	2	17.21	18.5

LTE Uplink 2CA_ Band 41-ANT1-LEVEL2&3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	15.21	16.5
40185	40383	20	QPSK	1	High	1	Low	2	15.24	16.5
40620	40818	20	QPSK	1	High	1	Low	2	15.33	16.5
41055	40857	20	QPSK	1	Low	1	High	2	15.22	16.5
41490	41292	20	QPSK	1	Low	1	High	2	15.22	16.5

LTE Uplink 2CA_ Band 41-ANT1-LEVEL4&5&6-sensor on										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			

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39750	39948	20	QPSK	1	High	1	Low	2	22.86	24
40185	40383	20	QPSK	1	High	1	Low	2	22.98	24
40620	40818	20	QPSK	1	High	1	Low	2	23.15	24
41055	40857	20	QPSK	1	Low	1	High	2	23.1	24
41490	41292	20	QPSK	1	Low	1	High	2	22.87	24

LTE Uplink 2CA_ Band 41-ANT1-LEVEL4&5&6-sensor off										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	23.88	24.5
40185	40383	20	QPSK	1	High	1	Low	2	23.72	24.5
40620	40818	20	QPSK	1	High	1	Low	2	23.86	24.5
41055	40857	20	QPSK	1	Low	1	High	2	23.75	24.5
41490	41292	20	QPSK	1	Low	1	High	2	23.96	24.5

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1.5 NR Mode

1.5.1 LTE(EN-DC) Mode

Antenna 0:

LTE FDD Band 5 LTE B5-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.85	23.69	23.66	25.00
		1	3	23.79	23.61	23.63	25.00
		1	5	23.72	23.65	23.53	25.00
		3	0	23.82	23.96	23.89	25.00
		3	1	23.84	23.87	23.68	25.00
		3	3	23.69	23.62	23.87	25.00
		6	0	22.80	22.62	22.74	24.00
	16QAM	1	0	22.74	22.95	22.58	24.00
		1	3	22.57	23.16	22.77	24.00
		1	5	22.76	23.11	22.74	24.00
		3	0	22.68	22.68	22.86	24.00
		3	1	22.67	22.45	22.60	24.00
		3	3	22.77	22.83	22.74	24.00
		6	0	21.70	21.71	21.63	23.00
	64QAM	1	0	21.98	22.33	22.04	23.00
		1	3	22.06	22.24	22.13	23.00
		1	5	22.19	21.83	22.16	23.00
		3	0	21.83	21.91	22.02	23.00
		3	1	22.09	22.20	22.12	23.00
		3	3	22.06	22.23	22.24	23.00
		6	0	20.50	20.66	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.82	23.76	23.50	25.00
		1	8	23.55	23.75	23.59	25.00
		1	14	23.70	23.76	23.59	25.00
		8	0	22.62	22.86	22.71	24.00
		8	4	22.80	22.70	22.70	24.00
		8	7	22.63	22.80	22.48	24.00
		15	0	22.72	22.76	22.53	24.00
	16QAM	1	0	22.61	23.03	22.75	24.00
		1	8	22.58	23.05	22.65	24.00
		1	14	22.73	22.92	22.77	24.00
		8	0	21.62	21.79	21.90	23.00

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		8	4	21.61	21.85	21.57	23.00
		8	7	21.67	21.74	21.54	23.00
		15	0	21.69	21.66	21.72	23.00
	64QAM	1	0	22.20	22.12	22.13	23.00
		1	8	22.30	22.34	22.06	23.00
		1	14	22.01	21.95	22.03	23.00
		8	0	20.67	20.71	20.83	22.00
		8	4	20.71	20.41	20.71	22.00
		8	7	21.00	20.58	20.33	22.00
		15	0	20.76	20.79	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.72	23.53	23.60	25.00
		1	12	23.74	23.67	23.59	25.00
		1	24	23.79	23.75	23.75	25.00
		12	0	22.64	22.73	22.71	24.00
		12	7	22.59	22.81	22.60	24.00
		12	13	22.91	22.67	22.56	24.00
		25	0	22.84	22.64	22.82	24.00
	16QAM	1	0	22.49	22.96	22.66	24.00
		1	12	22.53	22.99	22.55	24.00
		1	24	22.58	23.03	22.59	24.00
		12	0	21.75	21.61	21.88	23.00
		12	7	21.58	21.85	21.69	23.00
		12	13	21.77	21.68	21.71	23.00
		25	0	21.74	21.58	21.54	23.00
	64QAM	1	0	22.12	22.12	22.11	23.00
		1	12	22.06	22.18	22.17	23.00
		1	24	22.17	21.99	22.12	23.00
		12	0	20.85	20.65	20.85	22.00
		12	7	20.72	20.67	20.62	22.00
		12	13	21.05	20.73	20.46	22.00
		25	0	20.62	20.88	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.70	23.62	23.59	25.00
		1	25	**23.67**	23.66	**23.62**	25.00
		1	49	23.74	23.63	23.64	25.00
		25	0	22.71	22.72	22.73	24.00
		25	12	22.70	22.67	22.65	24.00
		25	25	22.78	22.65	22.54	24.00
		50	0	22.72	22.73	22.68	24.00
	16QAM	1	0	22.59	22.98	22.60	24.00

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		1	25	22.58	23.03	22.62	24.00
		1	49	22.62	23.01	22.62	24.00
		25	0	21.75	21.75	21.79	23.00
		25	12	21.73	21.72	21.71	23.00
		25	25	21.74	21.71	21.62	23.00
		50	0	21.71	21.70	21.68	23.00
	64QAM	1	0	22.06	22.18	22.05	23.00
		1	25	22.21	22.31	22.18	23.00
		1	49	22.15	21.98	22.13	23.00
		25	0	20.80	20.78	20.78	22.00
		25	12	20.67	20.52	20.76	22.00
		25	25	20.93	20.65	20.46	22.00
		50	0	20.61	20.75	20.74	22.00

LTE FDD Band 5 LTE B5-LEVEL1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.85	23.69	23.66	25.00
		1	3	23.79	23.61	23.63	25.00
		1	5	23.72	23.65	23.53	25.00
		3	0	23.82	23.96	23.89	25.00
		3	1	23.84	23.87	23.68	25.00
		3	3	23.69	23.62	23.87	25.00
		6	0	22.80	22.62	22.74	24.00
	16QAM	1	0	22.74	22.95	22.58	24.00
		1	3	22.57	23.16	22.77	24.00
		1	5	22.76	23.11	22.74	24.00
		3	0	22.68	22.68	22.86	24.00
		3	1	22.67	22.45	22.60	24.00
		3	3	22.77	22.83	22.74	24.00
		6	0	21.70	21.71	21.63	23.00
	64QAM	1	0	21.98	22.33	22.04	23.00
		1	3	22.06	22.24	22.13	23.00
		1	5	22.19	21.83	22.16	23.00
		3	0	21.83	21.91	22.02	23.00
		3	1	22.09	22.20	22.12	23.00
		3	3	22.06	22.23	22.24	23.00
		6	0	20.50	20.66	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.82	23.76	23.50	25.00
		1	8	23.55	23.75	23.59	25.00

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		1	14	23.70	23.76	23.59	25.00
		8	0	22.62	22.86	22.71	24.00
		8	4	22.80	22.70	22.70	24.00
		8	7	22.63	22.80	22.48	24.00
		15	0	22.72	22.76	22.53	24.00
	16QAM	1	0	22.61	23.03	22.75	24.00
		1	8	22.58	23.05	22.65	24.00
		1	14	22.73	22.92	22.77	24.00
		8	0	21.62	21.79	21.90	23.00
		8	4	21.61	21.85	21.57	23.00
		8	7	21.67	21.74	21.54	23.00
		15	0	21.69	21.66	21.72	23.00
	64QAM	1	0	22.20	22.12	22.13	23.00
		1	8	22.30	22.34	22.06	23.00
		1	14	22.01	21.95	22.03	23.00
		8	0	20.67	20.71	20.83	22.00
		8	4	20.71	20.41	20.71	22.00
		8	7	21.00	20.58	20.33	22.00
		15	0	20.76	20.79	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				20425/826.5	20525/836.5	20625/846.5	Limit
5MHz	QPSK	1	0	23.72	23.53	23.60	25.00
		1	12	23.74	23.67	23.59	25.00
		1	24	23.79	23.75	23.75	25.00
		12	0	22.64	22.73	22.71	24.00
		12	7	22.59	22.81	22.60	24.00
		12	13	22.91	22.67	22.56	24.00
		25	0	22.84	22.64	22.82	24.00
	16QAM	1	0	22.49	22.96	22.66	24.00
		1	12	22.53	22.99	22.55	24.00
		1	24	22.58	23.03	22.59	24.00
		12	0	21.75	21.61	21.88	23.00
		12	7	21.58	21.85	21.69	23.00
		12	13	21.77	21.68	21.71	23.00
		25	0	21.74	21.58	21.54	23.00
	64QAM	1	0	22.12	22.12	22.11	23.00
		1	12	22.06	22.18	22.17	23.00
		1	24	22.17	21.99	22.12	23.00
		12	0	20.85	20.65	20.85	22.00
		12	7	20.72	20.67	20.62	22.00
		12	13	21.05	20.73	20.46	22.00
		25	0	20.62	20.88	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				20450/829	20525/836.5	20600/844	Limit
10MHz	QPSK	1	0	23.70	23.62	23.59	25.00
		1	25	**23.67**	23.66	**23.62**	25.00
		1	49	23.74	23.63	23.64	25.00
		25	0	22.71	22.72	22.73	24.00
		25	12	22.70	22.67	22.65	24.00
		25	25	22.78	22.65	22.54	24.00
		50	0	22.72	22.73	22.68	24.00
	16QAM	1	0	22.59	22.98	22.60	24.00
		1	25	22.58	23.03	22.62	24.00
		1	49	22.62	23.01	22.62	24.00
		25	0	21.75	21.75	21.79	23.00
		25	12	21.73	21.72	21.71	23.00
		25	25	21.74	21.71	21.62	23.00
		50	0	21.71	21.70	21.68	23.00
	64QAM	1	0	22.06	22.18	22.05	23.00
		1	25	22.21	22.31	22.18	23.00
		1	49	22.15	21.98	22.13	23.00
		25	0	20.80	20.78	20.78	22.00
		25	12	20.67	20.52	20.76	22.00
		25	25	20.93	20.65	20.46	22.00
		50	0	20.61	20.75	20.74	22.00

LTE FDD Band 5 LTE B5-LEVEL2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.85	23.69	23.66	25.00
		1	3	23.79	23.61	23.63	25.00
		1	5	23.72	23.65	23.53	25.00
		3	0	23.82	23.96	23.89	25.00
		3	1	23.84	23.87	23.68	25.00
		3	3	23.69	23.62	23.87	25.00
		6	0	22.80	22.62	22.74	24.00
	16QAM	1	0	22.74	22.95	22.58	24.00
		1	3	22.57	23.16	22.77	24.00
		1	5	22.76	23.11	22.74	24.00
		3	0	22.68	22.68	22.86	24.00
		3	1	22.67	22.45	22.60	24.00
		3	3	22.77	22.83	22.74	24.00
		6	0	21.70	21.71	21.63	23.00
	64QAM	1	0	21.98	22.33	22.04	23.00
		1	3	22.06	22.24	22.13	23.00

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		1	5	22.19	21.83	22.16	23.00
		3	0	21.83	21.91	22.02	23.00
		3	1	22.09	22.20	22.12	23.00
		3	3	22.06	22.23	22.24	23.00
		6	0	20.50	20.66	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.82	23.76	23.50	25.00
		1	8	23.55	23.75	23.59	25.00
		1	14	23.70	23.76	23.59	25.00
		8	0	22.62	22.86	22.71	24.00
		8	4	22.80	22.70	22.70	24.00
		8	7	22.63	22.80	22.48	24.00
		15	0	22.72	22.76	22.53	24.00
	16QAM	1	0	22.61	23.03	22.75	24.00
		1	8	22.58	23.05	22.65	24.00
		1	14	22.73	22.92	22.77	24.00
		8	0	21.62	21.79	21.90	23.00
		8	4	21.61	21.85	21.57	23.00
		8	7	21.67	21.74	21.54	23.00
		15	0	21.69	21.66	21.72	23.00
	64QAM	1	0	22.20	22.12	22.13	23.00
		1	8	22.30	22.34	22.06	23.00
		1	14	22.01	21.95	22.03	23.00
		8	0	20.67	20.71	20.83	22.00
		8	4	20.71	20.41	20.71	22.00
		8	7	21.00	20.58	20.33	22.00
		15	0	20.76	20.79	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.72	23.53	23.60	25.00
		1	12	23.74	23.67	23.59	25.00
		1	24	23.79	23.75	23.75	25.00
		12	0	22.64	22.73	22.71	24.00
		12	7	22.59	22.81	22.60	24.00
		12	13	22.91	22.67	22.56	24.00
		25	0	22.84	22.64	22.82	24.00
	16QAM	1	0	22.49	22.96	22.66	24.00
		1	12	22.53	22.99	22.55	24.00
		1	24	22.58	23.03	22.59	24.00
		12	0	21.75	21.61	21.88	23.00
		12	7	21.58	21.85	21.69	23.00
		12	13	21.77	21.68	21.71	23.00

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		25	0	21.74	21.58	21.54	23.00
	64QAM	1	0	22.12	22.12	22.11	23.00
		1	12	22.06	22.18	22.17	23.00
		1	24	22.17	21.99	22.12	23.00
		12	0	20.85	20.65	20.85	22.00
		12	7	20.72	20.67	20.62	22.00
		12	13	21.05	20.73	20.46	22.00
		25	0	20.62	20.88	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.70	23.62	23.59	25.00
		1	25	**23.67**	23.66	**23.62**	25.00
		1	49	23.74	23.63	23.64	25.00
		25	0	22.71	22.72	22.73	24.00
		25	12	22.70	22.67	22.65	24.00
		25	25	22.78	22.65	22.54	24.00
		50	0	22.72	22.73	22.68	24.00
	16QAM	1	0	22.59	22.98	22.60	24.00
		1	25	22.58	23.03	22.62	24.00
		1	49	22.62	23.01	22.62	24.00
		25	0	21.75	21.75	21.79	23.00
		25	12	21.73	21.72	21.71	23.00
		25	25	21.74	21.71	21.62	23.00
		50	0	21.71	21.70	21.68	23.00
	64QAM	1	0	22.06	22.18	22.05	23.00
		1	25	22.21	22.31	22.18	23.00
		1	49	22.15	21.98	22.13	23.00
		25	0	20.80	20.78	20.78	22.00
		25	12	20.67	20.52	20.76	22.00
		25	25	20.93	20.65	20.46	22.00
		50	0	20.61	20.75	20.74	22.00

LTE FDD Band 5 LTE B5-LEVEL4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.85	23.69	23.66	25.00
		1	3	23.79	23.61	23.63	25.00
		1	5	23.72	23.65	23.53	25.00
		3	0	23.82	23.96	23.89	25.00
		3	1	23.84	23.87	23.68	25.00
		3	3	23.69	23.62	23.87	25.00
		6	0	22.80	22.62	22.74	24.00

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	16QAM	1	0	22.74	22.95	22.58	24.00
		1	3	22.57	23.16	22.77	24.00
		1	5	22.76	23.11	22.74	24.00
		3	0	22.68	22.68	22.86	24.00
		3	1	22.67	22.45	22.60	24.00
		3	3	22.77	22.83	22.74	24.00
		6	0	21.70	21.71	21.63	23.00
	64QAM	1	0	21.98	22.33	22.04	23.00
		1	3	22.06	22.24	22.13	23.00
		1	5	22.19	21.83	22.16	23.00
		3	0	21.83	21.91	22.02	23.00
		3	1	22.09	22.20	22.12	23.00
		3	3	22.06	22.23	22.24	23.00
		6	0	20.50	20.66	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.82	23.76	23.50	25.00
		1	8	23.55	23.75	23.59	25.00
		1	14	23.70	23.76	23.59	25.00
		8	0	22.62	22.86	22.71	24.00
		8	4	22.80	22.70	22.70	24.00
		8	7	22.63	22.80	22.48	24.00
		15	0	22.72	22.76	22.53	24.00
	16QAM	1	0	22.61	23.03	22.75	24.00
		1	8	22.58	23.05	22.65	24.00
		1	14	22.73	22.92	22.77	24.00
		8	0	21.62	21.79	21.90	23.00
		8	4	21.61	21.85	21.57	23.00
		8	7	21.67	21.74	21.54	23.00
		15	0	21.69	21.66	21.72	23.00
	64QAM	1	0	22.20	22.12	22.13	23.00
		1	8	22.30	22.34	22.06	23.00
		1	14	22.01	21.95	22.03	23.00
		8	0	20.67	20.71	20.83	22.00
		8	4	20.71	20.41	20.71	22.00
		8	7	21.00	20.58	20.33	22.00
		15	0	20.76	20.79	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.72	23.53	23.60	25.00
		1	12	23.74	23.67	23.59	25.00
		1	24	23.79	23.75	23.75	25.00
		12	0	22.64	22.73	22.71	24.00

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		12	7	22.59	22.81	22.60	24.00
		12	13	22.91	22.67	22.56	24.00
		25	0	22.84	22.64	22.82	24.00
	16QAM	1	0	22.49	22.96	22.66	24.00
		1	12	22.53	22.99	22.55	24.00
		1	24	22.58	23.03	22.59	24.00
		12	0	21.75	21.61	21.88	23.00
		12	7	21.58	21.85	21.69	23.00
		12	13	21.77	21.68	21.71	23.00
		25	0	21.74	21.58	21.54	23.00
	64QAM	1	0	22.12	22.12	22.11	23.00
		1	12	22.06	22.18	22.17	23.00
		1	24	22.17	21.99	22.12	23.00
		12	0	20.85	20.65	20.85	22.00
		12	7	20.72	20.67	20.62	22.00
		12	13	21.05	20.73	20.46	22.00
		25	0	20.62	20.88	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.70	23.62	23.59	25.00
		1	25	**23.67**	23.66	**23.62**	25.00
		1	49	23.74	23.63	23.64	25.00
		25	0	22.71	22.72	22.73	24.00
		25	12	22.70	22.67	22.65	24.00
		25	25	22.78	22.65	22.54	24.00
		50	0	22.72	22.73	22.68	24.00
	16QAM	1	0	22.59	22.98	22.60	24.00
		1	25	22.58	23.03	22.62	24.00
		1	49	22.62	23.01	22.62	24.00
		25	0	21.75	21.75	21.79	23.00
		25	12	21.73	21.72	21.71	23.00
		25	25	21.74	21.71	21.62	23.00
		50	0	21.71	21.70	21.68	23.00
	64QAM	1	0	22.06	22.18	22.05	23.00
		1	25	22.21	22.31	22.18	23.00
		1	49	22.15	21.98	22.13	23.00
		25	0	20.80	20.78	20.78	22.00
		25	12	20.67	20.52	20.76	22.00
		25	25	20.93	20.65	20.46	22.00
		50	0	20.61	20.75	20.74	22.00

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LTE FDD Band 7 LTE B7-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	22.92	22.86	22.82	24.00
		1	12	23.10	23.27	22.82	24.00
		1	24	22.94	22.79	22.83	24.00
		12	0	21.84	22.08	21.67	23.00
		12	7	22.14	21.94	21.84	23.00
		12	13	22.10	21.94	21.86	23.00
		25	0	21.99	21.85	21.88	23.00
	16QAM	1	0	22.38	22.46	22.05	23.50
		1	12	22.42	22.59	22.38	23.50
		1	24	22.27	22.52	22.19	23.50
		12	0	20.97	20.96	20.65	22.50
		12	7	20.91	20.91	20.89	22.50
		12	13	20.87	21.05	20.74	22.50
		25	0	20.96	20.92	20.89	22.50
	64QAM	1	0	21.68	21.52	21.36	22.00
		1	12	21.40	21.75	21.34	22.00
		1	24	21.73	21.42	21.35	22.00
		12	0	20.04	19.91	20.11	21.00
		12	7	20.01	19.89	19.64	21.00
		12	13	20.04	19.94	19.72	21.00
		25	0	19.99	19.96	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	22.93	23.10	22.64	24.00
		1	25	23.15	23.15	22.91	24.00
		1	49	22.85	22.78	22.75	24.00
		25	0	21.96	21.90	21.90	23.00
		25	12	22.11	21.94	21.91	23.00
		25	25	22.07	21.88	21.90	23.00
		50	0	21.84	21.93	21.88	23.00
	16QAM	1	0	22.31	22.42	22.03	23.50
		1	25	22.50	22.67	22.31	23.50
		1	49	22.42	22.48	22.32	23.50
		25	0	20.99	20.84	20.61	22.50
		25	12	21.16	21.11	20.88	22.50
		25	25	20.98	21.05	20.76	22.50
		50	0	21.06	21.05	20.66	22.50
	64QAM	1	0	21.71	21.39	21.13	22.00

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		1	25	21.40	21.54	21.39	22.00
		1	49	21.72	21.45	21.17	22.00
		25	0	19.95	20.09	20.05	21.00
		25	12	20.12	20.07	19.60	21.00
		25	25	19.83	20.01	19.70	21.00
		50	0	19.81	19.84	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	22.96	22.96	22.64	24.00
		1	37	23.20	23.02	22.78	24.00
		1	74	23.11	22.85	22.88	24.00
		36	0	21.92	22.00	21.84	23.00
		36	20	22.12	22.19	21.81	23.00
		36	39	21.90	22.03	21.93	23.00
		75	0	21.93	22.04	21.94	23.00
	16QAM	1	0	22.35	22.35	22.22	23.50
		1	37	22.52	22.54	22.19	23.50
		1	74	22.36	22.42	22.30	23.50
		36	0	20.97	20.99	20.81	22.50
		36	20	20.93	21.11	20.83	22.50
		36	39	20.94	20.88	20.73	22.50
		75	0	20.98	20.91	20.80	22.50
	64QAM	1	0	21.67	21.47	21.24	22.00
		1	37	21.62	21.52	21.28	22.00
		1	74	21.63	21.61	21.14	22.00
		36	0	19.93	19.91	19.99	21.00
		36	20	20.22	20.00	19.61	21.00
		36	39	19.89	20.15	19.81	21.00
		75	0	19.99	19.88	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	23.00	22.96	22.74	24.00
		1	49	**23.07**	23.12	**22.84**	24.00
		1	99	22.97	22.92	22.82	24.00
		50	0	21.93	21.99	21.81	23.00
		50	24	22.03	22.04	21.84	23.00
		50	50	22.03	22.00	21.78	23.00
		100	0	21.97	21.98	21.80	23.00
	16QAM	1	0	22.45	22.40	22.18	23.50
		1	49	22.48	22.54	22.26	23.50
		1	99	22.41	22.37	22.29	23.50
		50	0	20.91	20.98	20.74	22.50
		50	24	21.04	21.03	20.80	22.50

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		50	50	21.01	20.96	20.74	22.50
		100	0	20.96	20.98	20.76	22.50
	64QAM	1	0	21.57	21.47	21.23	22.00
		1	49	21.47	21.60	21.28	22.00
		1	99	21.62	21.57	21.20	22.00
		50	0	19.90	20.03	19.96	21.00
		50	24	20.13	20.03	19.70	21.00
		50	50	19.90	20.03	19.75	21.00
		100	0	19.91	19.87	19.77	21.00

LTE FDD Band 7 LTE B7-LEVEL1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	22.92	22.86	22.82	24.00
		1	12	23.10	23.27	22.82	24.00
		1	24	22.94	22.79	22.83	24.00
		12	0	21.84	22.08	21.67	23.00
		12	7	22.14	21.94	21.84	23.00
		12	13	22.10	21.94	21.86	23.00
		25	0	21.99	21.85	21.88	23.00
	16QAM	1	0	22.38	22.46	22.05	23.50
		1	12	22.42	22.59	22.38	23.50
		1	24	22.27	22.52	22.19	23.50
		12	0	20.97	20.96	20.65	22.50
		12	7	20.91	20.91	20.89	22.50
		12	13	20.87	21.05	20.74	22.50
		25	0	20.96	20.92	20.89	22.50
	64QAM	1	0	21.68	21.52	21.36	22.00
		1	12	21.40	21.75	21.34	22.00
		1	24	21.73	21.42	21.35	22.00
		12	0	20.04	19.91	20.11	21.00
		12	7	20.01	19.89	19.64	21.00
		12	13	20.04	19.94	19.72	21.00
		25	0	19.99	19.96	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	22.93	23.10	22.64	24.00
		1	25	23.15	23.15	22.91	24.00
		1	49	22.85	22.78	22.75	24.00
		25	0	21.96	21.90	21.90	23.00
		25	12	22.11	21.94	21.91	23.00
		25	25	22.07	21.88	21.90	23.00

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		50	0	21.84	21.93	21.88	23.00
	16QAM	1	0	22.31	22.42	22.03	23.50
		1	25	22.50	22.67	22.31	23.50
		1	49	22.42	22.48	22.32	23.50
		25	0	20.99	20.84	20.61	22.50
		25	12	21.16	21.11	20.88	22.50
		25	25	20.98	21.05	20.76	22.50
		50	0	21.06	21.05	20.66	22.50
	64QAM	1	0	21.71	21.39	21.13	22.00
		1	25	21.40	21.54	21.39	22.00
		1	49	21.72	21.45	21.17	22.00
		25	0	19.95	20.09	20.05	21.00
		25	12	20.12	20.07	19.60	21.00
		25	25	19.83	20.01	19.70	21.00
		50	0	19.81	19.84	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	22.96	22.96	22.64	24.00
		1	37	23.20	23.02	22.78	24.00
		1	74	23.11	22.85	22.88	24.00
		36	0	21.92	22.00	21.84	23.00
		36	20	22.12	22.19	21.81	23.00
		36	39	21.90	22.03	21.93	23.00
		75	0	21.93	22.04	21.94	23.00
	16QAM	1	0	22.35	22.35	22.22	23.50
		1	37	22.52	22.54	22.19	23.50
		1	74	22.36	22.42	22.30	23.50
		36	0	20.97	20.99	20.81	22.50
		36	20	20.93	21.11	20.83	22.50
		36	39	20.94	20.88	20.73	22.50
		75	0	20.98	20.91	20.80	22.50
	64QAM	1	0	21.67	21.47	21.24	22.00
		1	37	21.62	21.52	21.28	22.00
		1	74	21.63	21.61	21.14	22.00
		36	0	19.93	19.91	19.99	21.00
		36	20	20.22	20.00	19.61	21.00
		36	39	19.89	20.15	19.81	21.00
		75	0	19.99	19.88	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	23.00	22.96	22.74	24.00
		1	49	**23.07**	23.12	**22.84**	24.00
		1	99	22.97	22.92	22.82	24.00

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		50	0	21.93	21.99	21.81	23.00
		50	24	22.03	22.04	21.84	23.00
		50	50	22.03	22.00	21.78	23.00
		100	0	21.97	21.98	21.80	23.00
	16QAM	1	0	22.45	22.40	22.18	23.50
		1	49	22.48	22.54	22.26	23.50
		1	99	22.41	22.37	22.29	23.50
		50	0	20.91	20.98	20.74	22.50
		50	24	21.04	21.03	20.80	22.50
		50	50	21.01	20.96	20.74	22.50
		100	0	20.96	20.98	20.76	22.50
	64QAM	1	0	21.57	21.47	21.23	22.00
		1	49	21.47	21.60	21.28	22.00
		1	99	21.62	21.57	21.20	22.00
		50	0	19.90	20.03	19.96	21.00
		50	24	20.13	20.03	19.70	21.00
		50	50	19.90	20.03	19.75	21.00
		100	0	19.91	19.87	19.77	21.00

LTE FDD Band 7 LTE B7-LEVEL2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	22.92	22.86	22.82	24.00
		1	12	23.10	23.27	22.82	24.00
		1	24	22.94	22.79	22.83	24.00
		12	0	21.84	22.08	21.67	23.00
		12	7	22.14	21.94	21.84	23.00
		12	13	22.10	21.94	21.86	23.00
		25	0	21.99	21.85	21.88	23.00
	16QAM	1	0	22.38	22.46	22.05	23.50
		1	12	22.42	22.59	22.38	23.50
		1	24	22.27	22.52	22.19	23.50
		12	0	20.97	20.96	20.65	22.50
		12	7	20.91	20.91	20.89	22.50
		12	13	20.87	21.05	20.74	22.50
		25	0	20.96	20.92	20.89	22.50
	64QAM	1	0	21.68	21.52	21.36	22.00
		1	12	21.40	21.75	21.34	22.00
		1	24	21.73	21.42	21.35	22.00
		12	0	20.04	19.91	20.11	21.00
		12	7	20.01	19.89	19.64	21.00
		12	13	20.04	19.94	19.72	21.00

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		25	0	19.99	19.96	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	22.93	23.10	22.64	24.00
		1	25	23.15	23.15	22.91	24.00
		1	49	22.85	22.78	22.75	24.00
		25	0	21.96	21.90	21.90	23.00
		25	12	22.11	21.94	21.91	23.00
		25	25	22.07	21.88	21.90	23.00
		50	0	21.84	21.93	21.88	23.00
	16QAM	1	0	22.31	22.42	22.03	23.50
		1	25	22.50	22.67	22.31	23.50
		1	49	22.42	22.48	22.32	23.50
		25	0	20.99	20.84	20.61	22.50
		25	12	21.16	21.11	20.88	22.50
		25	25	20.98	21.05	20.76	22.50
		50	0	21.06	21.05	20.66	22.50
	64QAM	1	0	21.71	21.39	21.13	22.00
		1	25	21.40	21.54	21.39	22.00
		1	49	21.72	21.45	21.17	22.00
		25	0	19.95	20.09	20.05	21.00
		25	12	20.12	20.07	19.60	21.00
		25	25	19.83	20.01	19.70	21.00
		50	0	19.81	19.84	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	22.96	22.96	22.64	24.00
		1	37	23.20	23.02	22.78	24.00
		1	74	23.11	22.85	22.88	24.00
		36	0	21.92	22.00	21.84	23.00
		36	20	22.12	22.19	21.81	23.00
		36	39	21.90	22.03	21.93	23.00
		75	0	21.93	22.04	21.94	23.00
	16QAM	1	0	22.35	22.35	22.22	23.50
		1	37	22.52	22.54	22.19	23.50
		1	74	22.36	22.42	22.30	23.50
		36	0	20.97	20.99	20.81	22.50
		36	20	20.93	21.11	20.83	22.50
		36	39	20.94	20.88	20.73	22.50
		75	0	20.98	20.91	20.80	22.50
	64QAM	1	0	21.67	21.47	21.24	22.00
		1	37	21.62	21.52	21.28	22.00
		1	74	21.63	21.61	21.14	22.00

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		36	0	19.93	19.91	19.99	21.00
		36	20	20.22	20.00	19.61	21.00
		36	39	19.89	20.15	19.81	21.00
		75	0	19.99	19.88	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	23.00	22.96	22.74	24.00
		1	49	**23.07**	23.12	**22.84**	24.00
		1	99	22.97	22.92	22.82	24.00
		50	0	21.93	21.99	21.81	23.00
		50	24	22.03	22.04	21.84	23.00
		50	50	22.03	22.00	21.78	23.00
		100	0	21.97	21.98	21.80	23.00
	16QAM	1	0	22.45	22.40	22.18	23.50
		1	49	22.48	22.54	22.26	23.50
		1	99	22.41	22.37	22.29	23.50
		50	0	20.91	20.98	20.74	22.50
		50	24	21.04	21.03	20.80	22.50
		50	50	21.01	20.96	20.74	22.50
		100	0	20.96	20.98	20.76	22.50
	64QAM	1	0	21.57	21.47	21.23	22.00
		1	49	21.47	21.60	21.28	22.00
		1	99	21.62	21.57	21.20	22.00
		50	0	19.90	20.03	19.96	21.00
		50	24	20.13	20.03	19.70	21.00
		50	50	19.90	20.03	19.75	21.00
		100	0	19.91	19.87	19.77	21.00

LTE FDD Band 7 LTE B7-LEVEL4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	20.31	20.51	20.55	21.00
		1	12	20.46	20.43	20.33	21.00
		1	24	20.25	20.39	20.57	21.00
		12	0	20.32	20.42	20.28	21.00
		12	7	20.36	20.09	20.34	21.00
		12	13	20.53	20.24	20.22	21.00
		25	0	20.30	20.33	20.49	21.00
	16QAM	1	0	20.48	20.61	20.34	21.00
		1	12	20.61	20.68	20.55	21.00
		1	24	20.55	20.31	20.41	21.00
		12	0	19.81	20.01	19.87	21.00

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		12	7	19.90	19.88	20.13	21.00
		12	13	19.73	19.92	20.00	21.00
		25	0	19.94	19.79	19.80	21.00
	64QAM	1	0	19.86	20.01	20.17	21.00
		1	12	19.80	19.99	20.11	21.00
		1	24	19.79	19.79	19.88	21.00
		12	0	18.83	19.01	19.10	20.00
		12	7	18.68	19.15	18.86	20.00
		12	13	18.66	18.67	18.68	20.00
		25	0	18.90	18.83	19.06	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	20.31	20.51	20.32	21.00
		1	25	20.69	20.52	20.33	21.00
		1	49	20.25	20.18	20.47	21.00
		25	0	20.47	20.56	20.20	21.00
		25	12	20.31	20.35	20.54	21.00
		25	25	20.39	20.20	20.27	21.00
		50	0	20.36	20.25	20.62	21.00
	16QAM	1	0	20.59	20.52	20.32	21.00
		1	25	20.62	20.61	20.48	21.00
		1	49	20.47	20.47	20.51	21.00
		25	0	19.64	20.00	19.81	21.00
		25	12	19.97	19.94	20.16	21.00
		25	25	19.98	20.08	20.14	21.00
		50	0	19.86	19.94	20.03	21.00
	64QAM	1	0	19.87	19.95	20.01	21.00
		1	25	19.73	20.02	20.29	21.00
		1	49	19.83	19.99	20.11	21.00
		25	0	19.00	18.83	18.80	20.00
		25	12	18.78	19.17	18.70	20.00
		25	25	18.70	18.75	18.82	20.00
		50	0	18.93	18.92	19.00	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	20.46	20.27	20.46	21.00
		1	37	20.63	20.45	20.23	21.00
		1	74	20.28	20.30	20.31	21.00
		36	0	20.42	20.46	20.28	21.00
		36	20	20.34	20.08	20.50	21.00
		36	39	20.43	20.29	20.27	21.00
		75	0	20.24	20.43	20.62	21.00
	16QAM	1	0	20.62	20.48	20.46	21.00

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		1	37	20.37	20.46	20.42	21.00
		1	74	20.55	20.53	20.43	21.00
		36	0	19.66	19.84	19.70	21.00
		36	20	19.80	19.91	20.15	21.00
		36	39	20.01	20.00	19.90	21.00
		75	0	20.14	19.82	19.75	21.00
	64QAM	1	0	20.03	20.11	20.13	21.00
		1	37	19.81	19.99	20.05	21.00
		1	74	19.96	19.93	19.96	21.00
		36	0	18.94	18.76	19.00	20.00
		36	20	18.84	18.92	18.75	20.00
		36	39	18.78	18.73	18.93	20.00
		75	0	18.82	18.80	18.97	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	20.44	20.36	20.45	21.00
		1	49	20.58	20.46	20.36	21.00
		1	99	20.38	20.25	20.45	21.00
		50	0	20.37	20.44	20.35	21.00
		50	24	20.42	20.23	20.48	21.00
		50	50	20.44	20.24	20.30	21.00
		100	0	20.30	20.40	20.57	21.00
	16QAM	1	0	20.56	20.46	20.42	21.00
		1	49	20.51	20.60	20.42	21.00
		1	99	20.58	20.38	20.46	21.00
		50	0	19.78	19.89	19.80	21.00
		50	24	19.91	19.97	20.04	21.00
		50	50	19.87	19.95	20.00	21.00
		100	0	20.01	19.89	19.89	21.00
	64QAM	1	0	19.97	19.96	20.04	21.00
		1	49	19.88	20.01	20.14	21.00
		1	99	19.87	19.85	20.02	21.00
		50	0	18.87	18.88	18.95	20.00
		50	24	18.78	19.03	18.82	20.00
		50	50	18.77	18.77	18.80	20.00
		100	0	18.90	18.84	18.91	20.00

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LTE FDD Band 12 LTE B12-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.58	23.67	23.63	25.00
		1	3	23.53	23.63	23.63	25.00
		1	5	23.75	23.44	23.71	25.00
		3	0	23.60	23.65	23.77	25.00
		3	1	23.69	23.63	23.49	25.00
		3	3	23.48	23.45	23.47	25.00
		6	0	22.40	22.73	22.75	24.00
	16QAM	1	0	22.39	22.91	22.59	24.00
		1	3	22.56	23.20	22.62	24.00
		1	5	22.52	23.12	22.58	24.00
		3	0	22.41	22.54	22.28	24.00
		3	1	22.45	22.61	22.57	24.00
		3	3	22.52	22.55	22.58	24.00
		6	0	21.57	21.66	21.57	23.00
	64QAM	1	0	22.19	22.20	22.39	23.00
		1	3	22.10	21.96	22.12	23.00
		1	5	22.20	22.22	22.10	23.00
		3	0	22.23	22.34	22.21	23.00
		3	1	21.82	22.02	21.87	23.00
		3	3	22.29	22.27	22.18	23.00
		6	0	20.64	20.90	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.48	23.48	23.57	25.00
		1	8	23.52	23.78	23.84	25.00
		1	14	23.73	23.62	23.72	25.00
		8	0	22.48	22.91	22.71	24.00
		8	4	22.68	22.73	22.53	24.00
		8	7	22.48	22.59	22.60	24.00
		15	0	22.63	22.68	22.63	24.00
	16QAM	1	0	22.64	22.96	22.78	24.00
		1	8	22.47	22.98	22.64	24.00
		1	14	22.47	23.15	22.66	24.00
		8	0	21.65	21.99	21.65	23.00
		8	4	21.79	21.57	21.87	23.00
		8	7	21.59	21.64	21.67	23.00
		15	0	21.70	21.74	21.52	23.00
	64QAM	1	0	22.19	22.13	22.48	23.00

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		1	8	22.15	21.99	21.97	23.00
		1	14	22.22	21.99	22.10	23.00
		8	0	20.48	20.73	20.76	22.00
		8	4	20.71	20.67	20.49	22.00
		8	7	20.76	20.75	20.55	22.00
		15	0	20.50	20.98	20.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.65	23.52	23.56	25.00
		1	12	23.64	23.81	23.77	25.00
		1	24	23.66	23.63	23.74	25.00
		12	0	22.38	22.83	22.62	24.00
		12	7	22.76	22.66	22.53	24.00
		12	13	22.56	22.56	22.74	24.00
		25	0	22.67	22.94	22.65	24.00
	16QAM	1	0	22.64	22.79	22.60	24.00
		1	12	22.63	23.07	22.71	24.00
		1	24	22.61	23.01	22.71	24.00
		12	0	21.63	21.88	21.66	23.00
		12	7	21.75	21.78	21.71	23.00
		12	13	21.48	21.79	21.76	23.00
		25	0	21.47	21.53	21.56	23.00
	64QAM	1	0	22.00	22.11	22.28	23.00
		1	12	22.31	22.11	21.99	23.00
		1	24	22.32	22.04	22.06	23.00
		12	0	20.47	20.68	20.89	22.00
		12	7	20.67	20.88	20.45	22.00
		12	13	20.54	20.67	20.49	22.00
		25	0	20.38	20.77	20.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.60	23.60	23.71	25.00
		1	25	**23.67**	23.69	**23.69**	25.00
		1	49	23.68	23.59	23.62	25.00
		25	0	22.47	22.86	22.66	24.00
		25	12	22.68	22.66	22.67	24.00
		25	25	22.57	22.66	22.67	24.00
		50	0	22.55	22.82	22.69	24.00
	16QAM	1	0	22.52	22.94	22.72	24.00
		1	25	22.51	23.06	22.74	24.00
		1	49	22.59	23.03	22.66	24.00
		25	0	21.52	21.86	21.77	23.00
		25	12	21.66	21.68	21.79	23.00

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		25	25	21.54	21.71	21.77	23.00
		50	0	21.58	21.59	21.55	23.00
	64QAM	1	0	22.10	22.20	22.36	23.00
		1	25	22.21	22.08	22.09	23.00
		1	49	22.29	22.08	22.18	23.00
		25	0	20.60	20.81	20.75	22.00
		25	12	20.73	20.74	20.53	22.00
		25	25	20.63	20.72	20.62	22.00
		50	0	20.53	20.83	20.55	22.00

LTE FDD Band 12 LTE B12-LEVEL1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.58	23.67	23.63	25.00
		1	3	23.53	23.63	23.63	25.00
		1	5	23.75	23.44	23.71	25.00
		3	0	23.60	23.65	23.77	25.00
		3	1	23.69	23.63	23.49	25.00
		3	3	23.48	23.45	23.47	25.00
		6	0	22.40	22.73	22.75	24.00
	16QAM	1	0	22.39	22.91	22.59	24.00
		1	3	22.56	23.20	22.62	24.00
		1	5	22.52	23.12	22.58	24.00
		3	0	22.41	22.54	22.28	24.00
		3	1	22.45	22.61	22.57	24.00
		3	3	22.52	22.55	22.58	24.00
		6	0	21.57	21.66	21.57	23.00
	64QAM	1	0	22.19	22.20	22.39	23.00
		1	3	22.10	21.96	22.12	23.00
		1	5	22.20	22.22	22.10	23.00
		3	0	22.23	22.34	22.21	23.00
		3	1	21.82	22.02	21.87	23.00
		3	3	22.29	22.27	22.18	23.00
		6	0	20.64	20.90	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.48	23.48	23.57	25.00
		1	8	23.52	23.78	23.84	25.00
		1	14	23.73	23.62	23.72	25.00
		8	0	22.48	22.91	22.71	24.00
		8	4	22.68	22.73	22.53	24.00
		8	7	22.48	22.59	22.60	24.00

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		15	0	22.63	22.68	22.63	24.00
	16QAM	1	0	22.64	22.96	22.78	24.00
		1	8	22.47	22.98	22.64	24.00
		1	14	22.47	23.15	22.66	24.00
		8	0	21.65	21.99	21.65	23.00
		8	4	21.79	21.57	21.87	23.00
		8	7	21.59	21.64	21.67	23.00
		15	0	21.70	21.74	21.52	23.00
	64QAM	1	0	22.19	22.13	22.48	23.00
		1	8	22.15	21.99	21.97	23.00
		1	14	22.22	21.99	22.10	23.00
		8	0	20.48	20.73	20.76	22.00
		8	4	20.71	20.67	20.49	22.00
		8	7	20.76	20.75	20.55	22.00
		15	0	20.50	20.98	20.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.65	23.52	23.56	25.00
		1	12	23.64	23.81	23.77	25.00
		1	24	23.66	23.63	23.74	25.00
		12	0	22.38	22.83	22.62	24.00
		12	7	22.76	22.66	22.53	24.00
		12	13	22.56	22.56	22.74	24.00
		25	0	22.67	22.94	22.65	24.00
	16QAM	1	0	22.64	22.79	22.60	24.00
		1	12	22.63	23.07	22.71	24.00
		1	24	22.61	23.01	22.71	24.00
		12	0	21.63	21.88	21.66	23.00
		12	7	21.75	21.78	21.71	23.00
		12	13	21.48	21.79	21.76	23.00
		25	0	21.47	21.53	21.56	23.00
	64QAM	1	0	22.00	22.11	22.28	23.00
		1	12	22.31	22.11	21.99	23.00
		1	24	22.32	22.04	22.06	23.00
		12	0	20.47	20.68	20.89	22.00
		12	7	20.67	20.88	20.45	22.00
		12	13	20.54	20.67	20.49	22.00
		25	0	20.38	20.77	20.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.60	23.60	23.71	25.00
		1	25	**23.67**	23.69	**23.69**	25.00
		1	49	23.68	23.59	23.62	25.00

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		25	0	22.47	22.86	22.66	24.00
		25	12	22.68	22.66	22.67	24.00
		25	25	22.57	22.66	22.67	24.00
		50	0	22.55	22.82	22.69	24.00
	16QAM	1	0	22.52	22.94	22.72	24.00
		1	25	22.51	23.06	22.74	24.00
		1	49	22.59	23.03	22.66	24.00
		25	0	21.52	21.86	21.77	23.00
		25	12	21.66	21.68	21.79	23.00
		25	25	21.54	21.71	21.77	23.00
		50	0	21.58	21.59	21.55	23.00
	64QAM	1	0	22.10	22.20	22.36	23.00
		1	25	22.21	22.08	22.09	23.00
		1	49	22.29	22.08	22.18	23.00
		25	0	20.60	20.81	20.75	22.00
		25	12	20.73	20.74	20.53	22.00
		25	25	20.63	20.72	20.62	22.00
		50	0	20.53	20.83	20.55	22.00

LTE FDD Band 12 LTE B12-LEVEL2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.58	23.67	23.63	25.00
		1	3	23.53	23.63	23.63	25.00
		1	5	23.75	23.44	23.71	25.00
		3	0	23.60	23.65	23.77	25.00
		3	1	23.69	23.63	23.49	25.00
		3	3	23.48	23.45	23.47	25.00
		6	0	22.40	22.73	22.75	24.00
	16QAM	1	0	22.39	22.91	22.59	24.00
		1	3	22.56	23.20	22.62	24.00
		1	5	22.52	23.12	22.58	24.00
		3	0	22.41	22.54	22.28	24.00
		3	1	22.45	22.61	22.57	24.00
		3	3	22.52	22.55	22.58	24.00
		6	0	21.57	21.66	21.57	23.00
	64QAM	1	0	22.19	22.20	22.39	23.00
		1	3	22.10	21.96	22.12	23.00
		1	5	22.20	22.22	22.10	23.00
		3	0	22.23	22.34	22.21	23.00
		3	1	21.82	22.02	21.87	23.00
		3	3	22.29	22.27	22.18	23.00

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		6	0	20.64	20.90	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.48	23.48	23.57	25.00
		1	8	23.52	23.78	23.84	25.00
		1	14	23.73	23.62	23.72	25.00
		8	0	22.48	22.91	22.71	24.00
		8	4	22.68	22.73	22.53	24.00
		8	7	22.48	22.59	22.60	24.00
		15	0	22.63	22.68	22.63	24.00
	16QAM	1	0	22.64	22.96	22.78	24.00
		1	8	22.47	22.98	22.64	24.00
		1	14	22.47	23.15	22.66	24.00
		8	0	21.65	21.99	21.65	23.00
		8	4	21.79	21.57	21.87	23.00
		8	7	21.59	21.64	21.67	23.00
		15	0	21.70	21.74	21.52	23.00
	64QAM	1	0	22.19	22.13	22.48	23.00
		1	8	22.15	21.99	21.97	23.00
		1	14	22.22	21.99	22.10	23.00
		8	0	20.48	20.73	20.76	22.00
		8	4	20.71	20.67	20.49	22.00
		8	7	20.76	20.75	20.55	22.00
		15	0	20.50	20.98	20.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.65	23.52	23.56	25.00
		1	12	23.64	23.81	23.77	25.00
		1	24	23.66	23.63	23.74	25.00
		12	0	22.38	22.83	22.62	24.00
		12	7	22.76	22.66	22.53	24.00
		12	13	22.56	22.56	22.74	24.00
		25	0	22.67	22.94	22.65	24.00
	16QAM	1	0	22.64	22.79	22.60	24.00
		1	12	22.63	23.07	22.71	24.00
		1	24	22.61	23.01	22.71	24.00
		12	0	21.63	21.88	21.66	23.00
		12	7	21.75	21.78	21.71	23.00
		12	13	21.48	21.79	21.76	23.00
		25	0	21.47	21.53	21.56	23.00
	64QAM	1	0	22.00	22.11	22.28	23.00
		1	12	22.31	22.11	21.99	23.00
		1	24	22.32	22.04	22.06	23.00

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		12	0	20.47	20.68	20.89	22.00
		12	7	20.67	20.88	20.45	22.00
		12	13	20.54	20.67	20.49	22.00
		25	0	20.38	20.77	20.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.60	23.60	23.71	25.00
		1	25	**23.67**	23.69	**23.69**	25.00
		1	49	23.68	23.59	23.62	25.00
		25	0	22.47	22.86	22.66	24.00
		25	12	22.68	22.66	22.67	24.00
		25	25	22.57	22.66	22.67	24.00
		50	0	22.55	22.82	22.69	24.00
	16QAM	1	0	22.52	22.94	22.72	24.00
		1	25	22.51	23.06	22.74	24.00
		1	49	22.59	23.03	22.66	24.00
		25	0	21.52	21.86	21.77	23.00
		25	12	21.66	21.68	21.79	23.00
		25	25	21.54	21.71	21.77	23.00
		50	0	21.58	21.59	21.55	23.00
	64QAM	1	0	22.10	22.20	22.36	23.00
		1	25	22.21	22.08	22.09	23.00
		1	49	22.29	22.08	22.18	23.00
		25	0	20.60	20.81	20.75	22.00
		25	12	20.73	20.74	20.53	22.00
		25	25	20.63	20.72	20.62	22.00
		50	0	20.53	20.83	20.55	22.00

LTE FDD Band 12 LTE B12-LEVEL4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.58	23.67	23.63	25.00
		1	3	23.53	23.63	23.63	25.00
		1	5	23.75	23.44	23.71	25.00
		3	0	23.60	23.65	23.77	25.00
		3	1	23.69	23.63	23.49	25.00
		3	3	23.48	23.45	23.47	25.00
		6	0	22.40	22.73	22.75	24.00
	16QAM	1	0	22.39	22.91	22.59	24.00
		1	3	22.56	23.20	22.62	24.00
		1	5	22.52	23.12	22.58	24.00
		3	0	22.41	22.54	22.28	24.00

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		3	1	22.45	22.61	22.57	24.00
		3	3	22.52	22.55	22.58	24.00
		6	0	21.57	21.66	21.57	23.00
	64QAM	1	0	22.19	22.20	22.39	23.00
		1	3	22.10	21.96	22.12	23.00
		1	5	22.20	22.22	22.10	23.00
		3	0	22.23	22.34	22.21	23.00
		3	1	21.82	22.02	21.87	23.00
		3	3	22.29	22.27	22.18	23.00
		6	0	20.64	20.90	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.48	23.48	23.57	25.00
		1	8	23.52	23.78	23.84	25.00
		1	14	23.73	23.62	23.72	25.00
		8	0	22.48	22.91	22.71	24.00
		8	4	22.68	22.73	22.53	24.00
		8	7	22.48	22.59	22.60	24.00
		15	0	22.63	22.68	22.63	24.00
	16QAM	1	0	22.64	22.96	22.78	24.00
		1	8	22.47	22.98	22.64	24.00
		1	14	22.47	23.15	22.66	24.00
		8	0	21.65	21.99	21.65	23.00
		8	4	21.79	21.57	21.87	23.00
		8	7	21.59	21.64	21.67	23.00
		15	0	21.70	21.74	21.52	23.00
	64QAM	1	0	22.19	22.13	22.48	23.00
		1	8	22.15	21.99	21.97	23.00
		1	14	22.22	21.99	22.10	23.00
		8	0	20.48	20.73	20.76	22.00
		8	4	20.71	20.67	20.49	22.00
		8	7	20.76	20.75	20.55	22.00
		15	0	20.50	20.98	20.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.65	23.52	23.56	25.00
		1	12	23.64	23.81	23.77	25.00
		1	24	23.66	23.63	23.74	25.00
		12	0	22.38	22.83	22.62	24.00
		12	7	22.76	22.66	22.53	24.00
		12	13	22.56	22.56	22.74	24.00
		25	0	22.67	22.94	22.65	24.00
	16QAM	1	0	22.64	22.79	22.60	24.00

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		1	12	22.63	23.07	22.71	24.00
		1	24	22.61	23.01	22.71	24.00
		12	0	21.63	21.88	21.66	23.00
		12	7	21.75	21.78	21.71	23.00
		12	13	21.48	21.79	21.76	23.00
		25	0	21.47	21.53	21.56	23.00
	64QAM	1	0	22.00	22.11	22.28	23.00
		1	12	22.31	22.11	21.99	23.00
		1	24	22.32	22.04	22.06	23.00
		12	0	20.47	20.68	20.89	22.00
		12	7	20.67	20.88	20.45	22.00
		12	13	20.54	20.67	20.49	22.00
		25	0	20.38	20.77	20.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.60	23.60	23.71	25.00
		1	25	**23.67**	23.69	**23.69**	25.00
		1	49	23.68	23.59	23.62	25.00
		25	0	22.47	22.86	22.66	24.00
		25	12	22.68	22.66	22.67	24.00
		25	25	22.57	22.66	22.67	24.00
		50	0	22.55	22.82	22.69	24.00
	16QAM	1	0	22.52	22.94	22.72	24.00
		1	25	22.51	23.06	22.74	24.00
		1	49	22.59	23.03	22.66	24.00
		25	0	21.52	21.86	21.77	23.00
		25	12	21.66	21.68	21.79	23.00
		25	25	21.54	21.71	21.77	23.00
		50	0	21.58	21.59	21.55	23.00
	64QAM	1	0	22.10	22.20	22.36	23.00
		1	25	22.21	22.08	22.09	23.00
		1	49	22.29	22.08	22.18	23.00
		25	0	20.60	20.81	20.75	22.00
		25	12	20.73	20.74	20.53	22.00
		25	25	20.63	20.72	20.62	22.00
		50	0	20.53	20.83	20.55	22.00

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Antenna 1:

LTE FDD Band 5 LTE B5-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.42	23.43	23.42	25.00
		1	3	23.36	23.44	23.44	25.00
		1	5	23.43	23.44	23.48	25.00
		3	0	23.52	23.51	23.50	25.00
		3	1	23.52	23.51	23.56	25.00
		3	3	23.46	23.49	23.55	25.00
		6	0	22.51	22.56	22.58	24.00
	16QAM	1	0	22.62	22.92	22.51	24.00
		1	3	22.64	22.86	22.53	24.00
		1	5	22.68	22.90	22.52	24.00
		3	0	22.54	22.74	22.67	24.00
		3	1	22.57	22.70	22.74	24.00
		3	3	22.58	22.71	22.69	24.00
		6	0	21.66	21.41	21.72	23.00
	64QAM	1	0	22.11	22.07	21.86	23.00
		1	3	22.06	21.89	21.86	23.00
		1	5	22.07	21.99	21.89	23.00
		3	0	22.03	22.28	21.95	23.00
		3	1	21.94	22.04	22.15	23.00
		3	3	22.19	22.05	22.18	23.00
		6	0	20.72	20.52	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	8	23.54	23.50	23.48	25.00
		1	14	23.54	23.44	23.55	25.00
		8	0	22.49	22.52	22.53	24.00
		8	4	22.51	22.54	22.54	24.00
		8	7	22.52	22.52	22.47	24.00
		15	0	22.50	22.54	22.51	24.00
	16QAM	1	0	22.43	22.91	22.51	24.00
		1	8	22.45	22.86	22.49	24.00
		1	14	22.42	22.92	22.45	24.00
		8	0	21.62	21.58	21.59	23.00
		8	4	21.65	21.62	21.56	23.00
		8	7	21.63	21.63	21.53	23.00
		15	0	21.55	21.58	21.46	23.00
	64QAM	1	0	22.18	21.98	22.04	23.00

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		1	8	22.08	22.04	22.07	23.00
		1	14	22.11	21.92	21.91	23.00
		8	0	20.46	20.47	20.45	22.00
		8	4	20.64	20.43	20.41	22.00
		8	7	20.48	20.38	20.55	22.00
		15	0	20.61	20.58	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.73	23.56	23.56	25.00
		1	12	23.76	23.58	23.60	25.00
		1	24	23.72	23.53	23.58	25.00
		12	0	22.52	22.62	22.62	24.00
		12	7	22.53	22.58	22.51	24.00
		12	13	22.52	22.50	22.38	24.00
		25	0	22.52	22.53	22.53	24.00
	16QAM	1	0	22.86	23.18	22.51	24.00
		1	12	22.82	23.15	22.51	24.00
		1	24	22.82	23.15	22.47	24.00
		12	0	21.59	21.76	21.64	23.00
		12	7	21.60	21.68	21.54	23.00
		12	13	21.58	21.60	21.42	23.00
		25	0	21.58	21.58	21.47	23.00
	64QAM	1	0	22.01	22.08	21.99	23.00
		1	12	22.13	22.14	22.11	23.00
		1	24	21.99	22.08	21.94	23.00
		12	0	20.42	20.69	20.72	22.00
		12	7	20.64	20.49	20.62	22.00
		12	13	20.67	20.55	20.54	22.00
		25	0	20.63	20.57	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	25	**23.55**	23.54	**23.51**	25.00
		1	49	23.60	23.50	23.49	25.00
		25	0	22.57	22.59	22.60	24.00
		25	12	22.55	22.55	22.52	24.00
		25	25	22.58	22.51	22.41	24.00
		50	0	22.57	22.57	22.55	24.00
	16QAM	1	0	22.45	22.93	22.53	24.00
		1	25	22.42	22.92	22.51	24.00
		1	49	22.43	22.87	22.48	24.00
		25	0	21.58	21.66	21.68	23.00
		25	12	21.58	21.60	21.61	23.00

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		25	25	21.60	21.55	21.46	23.00
		50	0	21.53	21.61	21.54	23.00
	64QAM	1	0	22.22	22.00	21.88	23.00
		1	25	21.94	22.07	22.06	23.00
		1	49	22.23	21.99	22.11	23.00
		25	0	20.53	20.71	20.60	22.00
		25	12	20.55	20.54	20.55	22.00
		25	25	20.56	20.49	20.31	22.00
		50	0	20.57	20.48	20.40	22.00

LTE FDD Band 5 LTE B5-LEVEL1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	21.60	21.42	21.56	22.00
		1	3	21.65	21.68	21.50	22.00
		1	5	21.55	21.65	21.66	22.00
		3	0	21.69	21.74	21.74	22.00
		3	1	21.50	21.54	21.82	22.00
		3	3	21.67	21.52	21.78	22.00
		6	0	21.56	21.63	21.53	22.00
	16QAM	1	0	21.65	21.70	21.68	22.00
		1	3	21.76	21.58	21.91	22.00
		1	5	21.46	21.77	21.97	22.00
		3	0	21.65	21.49	21.53	22.00
		3	1	21.78	21.53	21.58	22.00
		3	3	21.60	21.51	21.83	22.00
		6	0	21.51	21.61	21.34	22.00
	64QAM	1	0	21.40	21.44	21.51	22.00
		1	3	21.72	21.55	21.86	22.00
		1	5	21.61	21.64	21.41	22.00
		3	0	20.53	20.64	20.58	22.00
		3	1	20.71	20.52	20.58	22.00
		3	3	20.61	20.48	20.45	22.00
		6	0	20.52	20.53	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	21.43	21.42	21.47	22.00
		1	8	21.46	21.46	21.44	22.00
		1	14	21.58	21.55	21.47	22.00
		8	0	21.80	21.65	21.82	22.00
		8	4	21.56	21.50	21.78	22.00
		8	7	21.55	21.74	21.82	22.00

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		15	0	21.54	21.70	21.65	22.00
	16QAM	1	0	21.77	21.56	21.71	22.00
		1	8	21.65	21.73	21.68	22.00
		1	14	21.67	21.79	21.67	22.00
		8	0	21.61	21.50	21.55	22.00
		8	4	21.61	21.43	21.72	22.00
		8	7	21.49	21.62	21.68	22.00
		15	0	21.65	21.60	21.46	22.00
	64QAM	1	0	21.48	21.63	21.47	22.00
		1	8	21.58	21.68	21.60	22.00
		1	14	21.53	21.72	21.59	22.00
		8	0	20.60	20.44	20.48	22.00
		8	4	20.67	20.51	20.41	22.00
		8	7	20.64	20.48	20.39	22.00
		15	0	20.72	20.49	20.45	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	21.43	21.42	21.47	22.00
		1	12	21.46	21.46	21.44	22.00
		1	24	21.58	21.55	21.47	22.00
		12	0	21.80	21.65	21.82	22.00
		12	7	21.56	21.50	21.78	22.00
		12	13	21.55	21.74	21.82	22.00
		25	0	21.54	21.70	21.65	22.00
	16QAM	1	0	21.77	21.56	21.71	22.00
		1	12	21.65	21.73	21.68	22.00
		1	24	21.67	21.79	21.67	22.00
		12	0	21.61	21.50	21.55	22.00
		12	7	21.61	21.43	21.72	22.00
		12	13	21.49	21.62	21.68	22.00
		25	0	21.65	21.60	21.46	22.00
	64QAM	1	0	21.48	21.63	21.47	22.00
		1	12	21.58	21.68	21.60	22.00
		1	24	21.53	21.72	21.59	22.00
		12	0	20.60	20.44	20.48	22.00
		12	7	20.67	20.51	20.41	22.00
		12	13	20.64	20.48	20.39	22.00
		25	0	20.72	20.49	20.45	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	21.47	21.50	21.52	22.00
		1	25	21.54	21.53	21.49	22.00
		1	49	21.62	21.61	21.58	22.00

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		25	0	21.67	21.66	21.75	22.00
		25	12	21.50	21.54	21.67	22.00
		25	25	21.70	21.60	21.70	22.00
		50	0	21.62	21.58	21.64	22.00
	16QAM	1	0	21.66	21.57	21.71	22.00
		1	25	21.64	21.70	21.77	22.00
		1	49	21.60	21.68	21.82	22.00
		25	0	21.57	21.53	21.52	22.00
		25	12	21.68	21.55	21.57	22.00
		25	25	21.63	21.60	21.73	22.00
		50	0	21.54	21.58	21.47	22.00
	64QAM	1	0	21.48	21.52	21.48	22.00
		1	25	21.72	21.65	21.72	22.00
		1	49	21.55	21.60	21.49	22.00
		25	0	20.61	20.51	20.63	22.00
		25	12	20.65	20.56	20.53	22.00
		25	25	20.65	20.62	20.48	22.00
		50	0	20.67	20.56	20.51	22.00

LTE FDD Band 5 LTE B5-LEVEL2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	19.63	19.35	19.66	20.00
		1	3	**19.71**	19.41	**19.56**	20.00
		1	5	19.46	19.49	19.61	20.00
		3	0	19.44	19.28	19.54	20.00
		3	1	19.66	19.21	19.58	20.00
		3	3	19.63	19.41	19.61	20.00
		6	0	19.76	19.37	19.65	20.00
	16QAM	1	0	19.63	19.35	19.60	20.00
		1	3	19.31	19.75	19.50	20.00
		1	5	19.55	19.29	19.84	20.00
		3	0	19.59	19.36	19.31	20.00
		3	1	19.79	19.67	19.77	20.00
		3	3	19.50	19.63	19.66	20.00
		6	0	19.31	19.45	19.40	20.00
	64QAM	1	0	19.60	19.81	19.83	20.00
		1	3	19.78	19.47	19.41	20.00
		1	5	19.57	19.21	19.49	20.00
		3	0	19.59	19.45	19.73	20.00
		3	1	19.44	19.64	19.56	20.00
		3	3	19.57	19.30	19.50	20.00

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		6	0	19.62	19.64	19.48	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	19.58	19.48	19.49	20.00
		1	8	**19.49**	19.34	**19.35**	20.00
		1	14	19.62	19.69	19.64	20.00
		8	0	19.34	19.36	19.72	20.00
		8	4	19.62	19.32	19.51	20.00
		8	7	19.61	19.68	19.40	20.00
		15	0	19.59	19.52	19.68	20.00
	16QAM	1	0	19.43	19.22	19.54	20.00
		1	8	19.37	19.68	19.54	20.00
		1	14	19.66	19.47	19.82	20.00
		8	0	19.48	19.52	19.28	20.00
		8	4	19.59	19.57	19.80	20.00
		8	7	19.70	19.61	19.59	20.00
		15	0	19.31	19.56	19.43	20.00
	64QAM	1	0	19.57	19.61	19.63	20.00
		1	8	19.62	19.25	19.49	20.00
		1	14	19.53	19.37	19.52	20.00
		8	0	19.68	19.43	19.69	20.00
		8	4	19.45	19.73	19.74	20.00
		8	7	19.77	19.49	19.32	20.00
		15	0	19.55	19.49	19.48	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	19.59	19.33	19.48	20.00
		1	12	**19.72**	19.35	**19.58**	20.00
		1	24	19.50	19.56	19.56	20.00
		12	0	19.41	19.31	19.75	20.00
		12	7	19.73	19.27	19.59	20.00
		12	13	19.55	19.55	19.38	20.00
		25	0	19.81	19.58	19.71	20.00
	16QAM	1	0	19.56	19.23	19.55	20.00
		1	12	19.46	19.83	19.57	20.00
		1	24	19.67	19.50	19.71	20.00
		12	0	19.71	19.35	19.42	20.00
		12	7	19.81	19.69	19.59	20.00
		12	13	19.45	19.54	19.70	20.00
		25	0	19.58	19.53	19.47	20.00
	64QAM	1	0	19.52	19.77	19.69	20.00
		1	12	19.71	19.42	19.62	20.00
		1	24	19.46	19.34	19.32	20.00

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		12	0	19.51	19.43	19.76	20.00
		12	7	19.47	19.73	19.50	20.00
		12	13	19.64	19.41	19.45	20.00
		25	0	19.82	19.50	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	19.56	19.46	19.60	20.00
		1	25	**19.57**	19.37	**19.50**	20.00
		1	49	19.58	19.57	19.57	20.00
		25	0	19.44	19.33	19.64	20.00
		25	12	**19.62**	19.29	**19.62**	20.00
		25	25	19.57	19.56	19.46	20.00
		50	0	19.70	19.46	19.69	20.00
	16QAM	1	0	19.50	19.37	19.56	20.00
		1	25	19.46	19.72	19.55	20.00
		1	49	19.67	19.39	19.73	20.00
		25	0	19.62	19.50	19.35	20.00
		25	12	19.69	19.65	19.72	20.00
		25	25	19.57	19.60	19.64	20.00
		50	0	19.46	19.51	19.38	20.00
	64QAM	1	0	19.45	19.69	19.68	20.00
		1	25	19.71	19.34	19.50	20.00
		1	49	19.59	19.24	19.45	20.00
		25	0	19.62	19.52	19.67	20.00
		25	12	19.43	19.59	19.62	20.00
		25	25	19.65	19.34	19.45	20.00
		50	0	19.70	19.50	19.43	20.00

LTE FDD Band 5 LTE B5-LEVEL4&5&6-sensor on				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.42	23.43	23.42	25.00
		1	3	23.36	23.44	23.44	25.00
		1	5	23.43	23.44	23.48	25.00
		3	0	23.52	23.51	23.50	25.00
		3	1	23.52	23.51	23.56	25.00
		3	3	23.46	23.49	23.55	25.00
		6	0	22.51	22.56	22.58	24.00
	16QAM	1	0	22.62	22.92	22.51	24.00
		1	3	22.64	22.86	22.53	24.00
		1	5	22.68	22.90	22.52	24.00
		3	0	22.54	22.74	22.67	24.00

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		3	1	22.57	22.70	22.74	24.00
		3	3	22.58	22.71	22.69	24.00
		6	0	21.66	21.41	21.72	23.00
	64QAM	1	0	22.11	22.07	21.86	23.00
		1	3	22.06	21.89	21.86	23.00
		1	5	22.07	21.99	21.89	23.00
		3	0	22.03	22.28	21.95	23.00
		3	1	21.94	22.04	22.15	23.00
		3	3	22.19	22.05	22.18	23.00
		6	0	20.72	20.52	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20415/825.5	20525/836.5	20635/847.5	
3MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	8	23.54	23.50	23.48	25.00
		1	14	23.54	23.44	23.55	25.00
		8	0	22.49	22.52	22.53	24.00
		8	4	22.51	22.54	22.54	24.00
		8	7	22.52	22.52	22.47	24.00
		15	0	22.50	22.54	22.51	24.00
	16QAM	1	0	22.43	22.91	22.51	24.00
		1	8	22.45	22.86	22.49	24.00
		1	14	22.42	22.92	22.45	24.00
		8	0	21.62	21.58	21.59	23.00
		8	4	21.65	21.62	21.56	23.00
		8	7	21.63	21.63	21.53	23.00
		15	0	21.55	21.58	21.46	23.00
	64QAM	1	0	22.18	21.98	22.04	23.00
		1	8	22.08	22.04	22.07	23.00
		1	14	22.11	21.92	21.91	23.00
		8	0	20.46	20.47	20.45	22.00
		8	4	20.64	20.43	20.41	22.00
		8	7	20.48	20.38	20.55	22.00
		15	0	20.61	20.58	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20425/826.5	20525/836.5	20625/846.5	
5MHz	QPSK	1	0	23.73	23.56	23.56	25.00
		1	12	23.76	23.58	23.60	25.00
		1	24	23.72	23.53	23.58	25.00
		12	0	22.52	22.62	22.62	24.00
		12	7	22.53	22.58	22.51	24.00
		12	13	22.52	22.50	22.38	24.00
		25	0	22.52	22.53	22.53	24.00
	16QAM	1	0	22.86	23.18	22.51	24.00

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		1	12	22.82	23.15	22.51	24.00
		1	24	22.82	23.15	22.47	24.00
		12	0	21.59	21.76	21.64	23.00
		12	7	21.60	21.68	21.54	23.00
		12	13	21.58	21.60	21.42	23.00
		25	0	21.58	21.58	21.47	23.00
	64QAM	1	0	22.01	22.08	21.99	23.00
		1	12	22.13	22.14	22.11	23.00
		1	24	21.99	22.08	21.94	23.00
		12	0	20.42	20.69	20.72	22.00
		12	7	20.64	20.49	20.62	22.00
		12	13	20.67	20.55	20.54	22.00
		25	0	20.63	20.57	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	25	**23.55**	23.54	**23.51**	25.00
		1	49	23.60	23.50	23.49	25.00
		25	0	22.57	22.59	22.60	24.00
		25	12	22.55	22.55	22.52	24.00
		25	25	22.58	22.51	22.41	24.00
		50	0	22.57	22.57	22.55	24.00
	16QAM	1	0	22.45	22.93	22.53	24.00
		1	25	22.42	22.92	22.51	24.00
		1	49	22.43	22.87	22.48	24.00
		25	0	21.58	21.66	21.68	23.00
		25	12	21.58	21.60	21.61	23.00
		25	25	21.60	21.55	21.46	23.00
		50	0	21.53	21.61	21.54	23.00
	64QAM	1	0	22.22	22.00	21.88	23.00
		1	25	21.94	22.07	22.06	23.00
		1	49	22.23	21.99	22.11	23.00
		25	0	20.53	20.71	20.60	22.00
		25	12	20.55	20.54	20.55	22.00
		25	25	20.56	20.49	20.31	22.00
		50	0	20.57	20.48	20.40	22.00

LTE FDD Band 5 LTE B5-LEVEL4&5&6-sensor off				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20407/824.7	20525/836.5	20643/848.3	
1.4MHz	QPSK	1	0	23.42	23.43	23.42	25.00
		1	3	23.36	23.44	23.44	25.00

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		1	5	23.43	23.44	23.48	25.00
		3	0	23.52	23.51	23.50	25.00
		3	1	23.52	23.51	23.56	25.00
		3	3	23.46	23.49	23.55	25.00
		6	0	22.51	22.56	22.58	24.00
	16QAM	1	0	22.62	22.92	22.51	24.00
		1	3	22.64	22.86	22.53	24.00
		1	5	22.68	22.90	22.52	24.00
		3	0	22.54	22.74	22.67	24.00
		3	1	22.57	22.70	22.74	24.00
		3	3	22.58	22.71	22.69	24.00
		6	0	21.66	21.41	21.72	23.00
	64QAM	1	0	22.11	22.07	21.86	23.00
		1	3	22.06	21.89	21.86	23.00
		1	5	22.07	21.99	21.89	23.00
		3	0	22.03	22.28	21.95	23.00
		3	1	21.94	22.04	22.15	23.00
		3	3	22.19	22.05	22.18	23.00
		6	0	20.72	20.52	20.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				20415/825.5	20525/836.5	20635/847.5	Limit
3MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	8	23.54	23.50	23.48	25.00
		1	14	23.54	23.44	23.55	25.00
		8	0	22.49	22.52	22.53	24.00
		8	4	22.51	22.54	22.54	24.00
		8	7	22.52	22.52	22.47	24.00
		15	0	22.50	22.54	22.51	24.00
	16QAM	1	0	22.43	22.91	22.51	24.00
		1	8	22.45	22.86	22.49	24.00
		1	14	22.42	22.92	22.45	24.00
		8	0	21.62	21.58	21.59	23.00
		8	4	21.65	21.62	21.56	23.00
		8	7	21.63	21.63	21.53	23.00
		15	0	21.55	21.58	21.46	23.00
	64QAM	1	0	22.18	21.98	22.04	23.00
		1	8	22.08	22.04	22.07	23.00
		1	14	22.11	21.92	21.91	23.00
		8	0	20.46	20.47	20.45	22.00
		8	4	20.64	20.43	20.41	22.00
		8	7	20.48	20.38	20.55	22.00
		15	0	20.61	20.58	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				20425/826.5	20525/836.5	20625/846.5	Limit
5MHz	QPSK	1	0	23.73	23.56	23.56	25.00
		1	12	23.76	23.58	23.60	25.00
		1	24	23.72	23.53	23.58	25.00
		12	0	22.52	22.62	22.62	24.00
		12	7	22.53	22.58	22.51	24.00
		12	13	22.52	22.50	22.38	24.00
		25	0	22.52	22.53	22.53	24.00
	16QAM	1	0	22.86	23.18	22.51	24.00
		1	12	22.82	23.15	22.51	24.00
		1	24	22.82	23.15	22.47	24.00
		12	0	21.59	21.76	21.64	23.00
		12	7	21.60	21.68	21.54	23.00
		12	13	21.58	21.60	21.42	23.00
		25	0	21.58	21.58	21.47	23.00
	64QAM	1	0	22.01	22.08	21.99	23.00
		1	12	22.13	22.14	22.11	23.00
		1	24	21.99	22.08	21.94	23.00
		12	0	20.42	20.69	20.72	22.00
		12	7	20.64	20.49	20.62	22.00
		12	13	20.67	20.55	20.54	22.00
		25	0	20.63	20.57	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20450/829	20525/836.5	20600/844	
10MHz	QPSK	1	0	23.58	23.51	23.48	25.00
		1	25	**23.55**	23.54	**23.51**	25.00
		1	49	23.60	23.50	23.49	25.00
		25	0	22.57	22.59	22.60	24.00
		25	12	22.55	22.55	22.52	24.00
		25	25	22.58	22.51	22.41	24.00
		50	0	22.57	22.57	22.55	24.00
	16QAM	1	0	22.45	22.93	22.53	24.00
		1	25	22.42	22.92	22.51	24.00
		1	49	22.43	22.87	22.48	24.00
		25	0	21.58	21.66	21.68	23.00
		25	12	21.58	21.60	21.61	23.00
		25	25	21.60	21.55	21.46	23.00
		50	0	21.53	21.61	21.54	23.00
	64QAM	1	0	22.22	22.00	21.88	23.00
		1	25	21.94	22.07	22.06	23.00
		1	49	22.23	21.99	22.11	23.00
		25	0	20.53	20.71	20.60	22.00
		25	12	20.55	20.54	20.55	22.00

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		25	25	20.56	20.49	20.31	22.00
		50	0	20.57	20.48	20.40	22.00

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LTE FDD Band 7 LTE B7-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	23.42	23.74	23.77	24.00
		1	12	23.35	23.67	23.78	24.00
		1	24	23.33	23.72	23.83	24.00
		12	0	22.26	22.67	22.79	23.00
		12	7	22.22	22.61	22.73	23.00
		12	13	22.19	22.61	22.73	23.00
		25	0	22.23	22.64	22.75	23.00
	16QAM	1	0	22.51	23.20	22.81	23.50
		1	12	22.43	23.21	22.82	23.50
		1	24	22.43	23.23	22.87	23.50
		12	0	21.34	21.80	21.82	22.50
		12	7	21.31	21.74	21.79	22.50
		12	13	21.26	21.73	21.78	22.50
		25	0	21.27	21.69	21.70	22.50
	64QAM	1	0	21.38	21.64	21.64	22.00
		1	12	21.26	21.72	21.79	22.00
		1	24	21.35	21.68	21.57	22.00
		12	0	20.29	20.69	20.82	21.00
		12	7	20.50	20.54	20.76	21.00
		12	13	20.48	20.51	20.55	21.00
		25	0	20.24	20.55	20.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	23.34	23.67	23.71	24.00
		1	25	23.25	23.67	23.69	24.00
		1	49	23.28	23.67	23.78	24.00
		25	0	22.24	22.63	22.68	23.00
		25	12	22.26	22.62	22.69	23.00
		25	25	22.29	22.64	22.67	23.00
		50	0	22.30	22.67	22.75	23.00
	16QAM	1	0	22.29	23.06	22.79	23.50
		1	25	22.18	23.02	22.79	23.50
		1	49	22.23	23.06	22.83	23.50
		25	0	21.25	21.70	21.81	22.50
		25	12	21.29	21.65	21.82	22.50
		25	25	21.31	21.70	21.80	22.50
		50	0	21.27	21.67	21.76	22.50
	64QAM	1	0	21.45	21.46	21.55	22.00

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		1	25	21.40	21.83	21.52	22.00
		1	49	21.29	21.53	21.50	22.00
		25	0	20.28	20.63	20.75	21.00
		25	12	20.38	20.82	20.59	21.00
		25	25	20.31	20.68	20.74	21.00
		50	0	20.42	20.62	20.51	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	23.26	23.56	23.61	24.00
		1	37	23.24	23.64	23.62	24.00
		1	74	23.26	23.58	23.64	24.00
		36	0	22.25	22.62	22.70	23.00
		36	20	22.27	22.65	22.67	23.00
		36	39	22.28	22.64	22.65	23.00
		75	0	22.28	22.62	22.70	23.00
	16QAM	1	0	22.20	22.99	23.11	23.50
		1	37	22.21	23.05	23.08	23.50
		1	74	22.18	22.99	23.08	23.50
		36	0	21.24	21.66	21.67	22.50
		36	20	21.27	21.69	21.61	22.50
		36	39	21.29	21.66	21.64	22.50
		75	0	21.27	21.60	21.64	22.50
	64QAM	1	0	21.21	21.70	21.69	22.00
		1	37	21.46	21.57	21.58	22.00
		1	74	21.45	21.51	21.60	22.00
		36	0	20.24	20.69	20.72	21.00
		36	20	20.46	20.56	20.61	21.00
		36	39	20.39	20.70	20.49	21.00
		75	0	20.34	20.73	20.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	23.32	23.58	23.61	24.00
		1	49	**23.40**	23.70	**23.65**	24.00
		1	99	23.33	23.60	23.59	24.00
		50	0	22.27	22.60	22.67	23.00
		50	24	22.37	22.68	22.70	23.00
		50	50	22.34	22.63	22.63	23.00
		100	0	22.31	22.63	22.65	23.00
	16QAM	1	0	22.79	22.98	23.05	23.50
		1	49	22.87	23.10	23.15	23.50
		1	99	22.83	22.98	23.10	23.50
		50	0	21.27	21.58	21.62	22.50
		50	24	21.35	21.67	21.62	22.50

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		50	50	21.34	21.61	21.54	22.50
		100	0	21.31	21.58	21.62	22.50
	64QAM	1	0	21.23	21.57	21.60	22.00
		1	49	21.46	21.60	21.62	22.00
		1	99	21.25	21.56	21.49	22.00
		50	0	20.40	20.56	20.79	21.00
		50	24	20.45	20.68	20.65	21.00
		50	50	20.47	20.77	20.58	21.00
		100	0	20.26	20.66	20.60	21.00

LTE FDD Band 7 LTE B7-LEVEL1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	14.59	14.34	14.56	15.00
		1	12	14.47	14.47	14.56	15.00
		1	24	14.65	14.57	14.67	15.00
		12	0	14.63	14.37	14.61	15.00
		12	7	14.62	14.56	14.59	15.00
		12	13	14.65	14.46	14.58	15.00
		25	0	14.51	14.63	14.53	15.00
	16QAM	1	0	14.66	14.57	14.48	15.00
		1	12	14.61	14.41	14.36	15.00
		1	24	14.73	14.55	14.48	15.00
		12	0	14.50	14.60	14.70	15.00
		12	7	14.34	14.62	14.51	15.00
		12	13	14.58	14.63	14.46	15.00
		25	0	14.46	14.63	14.50	15.00
	64QAM	1	0	14.68	14.43	14.42	15.00
		1	12	14.56	14.47	14.36	15.00
		1	24	14.50	14.49	14.47	15.00
		12	0	14.56	14.39	14.39	15.00
		12	7	14.32	14.53	14.55	15.00
		12	13	14.39	14.33	14.30	15.00
		25	0	14.35	14.69	14.68	15.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	14.53	14.51	14.46	15.00
		1	25	14.47	14.59	14.37	15.00
		1	49	14.63	14.59	14.57	15.00
		25	0	14.52	14.39	14.56	15.00
		25	12	14.71	14.43	14.70	15.00
		25	25	14.57	14.54	14.70	15.00

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		50	0	14.70	14.65	14.36	15.00
	16QAM	1	0	14.50	14.47	14.73	15.00
		1	25	14.63	14.68	14.51	15.00
		1	49	14.56	14.40	14.53	15.00
		25	0	14.31	14.47	14.56	15.00
		25	12	14.21	14.42	14.41	15.00
		25	25	14.57	14.59	14.38	15.00
		50	0	14.54	14.58	14.35	15.00
	64QAM	1	0	14.60	14.38	14.46	15.00
		1	25	14.69	14.66	14.54	15.00
		1	49	14.25	14.40	14.39	15.00
		25	0	14.67	14.43	14.47	15.00
		25	12	14.56	14.60	14.64	15.00
		25	25	14.40	14.37	14.32	15.00
		50	0	14.33	14.71	14.76	15.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	14.57	14.40	14.54	15.00
		1	37	14.56	14.46	14.41	15.00
		1	74	14.64	14.50	14.68	15.00
		36	0	14.72	14.47	14.45	15.00
		36	20	14.75	14.64	14.73	15.00
		36	39	14.59	14.56	14.59	15.00
		75	0	14.52	14.45	14.43	15.00
	16QAM	1	0	14.51	14.41	14.67	15.00
		1	37	14.42	14.41	14.51	15.00
		1	74	14.50	14.43	14.59	15.00
		36	0	14.53	14.41	14.52	15.00
		36	20	14.29	14.38	14.42	15.00
		36	39	14.41	14.46	14.56	15.00
		75	0	14.50	14.59	14.60	15.00
	64QAM	1	0	14.57	14.68	14.60	15.00
		1	37	14.64	14.66	14.38	15.00
		1	74	14.46	14.43	14.48	15.00
		36	0	14.63	14.36	14.21	15.00
		36	20	14.46	14.55	14.69	15.00
		36	39	14.41	14.55	14.47	15.00
		75	0	14.34	14.46	14.76	15.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	14.48	14.41	14.43	15.00
		1	49	14.47	14.56	14.48	15.00
		1	99	14.71	14.56	14.66	15.00

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		50	0	14.58	14.47	14.52	15.00
		50	24	14.60	14.53	14.63	15.00
		50	50	14.66	14.61	14.64	15.00
		100	0	14.56	14.52	14.44	15.00
	16QAM	1	0	14.60	14.55	14.59	15.00
		1	49	14.53	14.56	14.46	15.00
		1	99	14.61	14.46	14.61	15.00
		50	0	14.38	14.51	14.59	15.00
		50	24	14.33	14.47	14.51	15.00
		50	50	14.50	14.51	14.50	15.00
		100	0	14.52	14.54	14.49	15.00
	64QAM	1	0	14.63	14.53	14.52	15.00
		1	49	14.60	14.52	14.39	15.00
		1	99	14.40	14.48	14.39	15.00
		50	0	14.59	14.45	14.34	15.00
		50	24	14.45	14.53	14.65	15.00
		50	50	14.52	14.46	14.36	15.00
		100	0	14.43	14.58	14.61	15.00

LTE FDD Band 7 LTE B7-LEVEL2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	12.18	12.43	12.71	13.00
		1	12	12.70	12.69	12.41	13.00
		1	24	12.43	12.40	12.44	13.00
		12	0	12.36	12.50	12.58	13.00
		12	7	12.33	12.50	12.36	13.00
		12	13	12.40	12.67	12.61	13.00
		25	0	12.51	12.54	12.60	13.00
	16QAM	1	0	12.24	12.24	12.60	13.00
		1	12	12.78	12.53	12.59	13.00
		1	24	12.71	12.55	12.30	13.00
		12	0	12.25	12.44	12.58	13.00
		12	7	12.24	12.25	12.37	13.00
		12	13	12.59	12.64	12.40	13.00
		25	0	12.36	12.43	12.64	13.00
	64QAM	1	0	12.24	12.28	12.77	13.00
		1	12	12.77	12.57	12.23	13.00
		1	24	12.66	12.38	12.22	13.00
		12	0	12.50	12.63	12.64	13.00
		12	7	12.32	12.29	12.07	13.00
		12	13	12.52	12.56	12.50	13.00

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		25	0	12.30	12.38	12.47	13.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	12.37	12.55	12.58	13.00
		1	25	12.61	12.62	12.50	13.00
		1	49	12.57	12.51	12.16	13.00
		25	0	12.38	12.47	12.37	13.00
		25	12	12.31	12.49	12.09	13.00
		25	25	12.41	12.50	12.52	13.00
		50	0	12.50	12.41	12.51	13.00
	16QAM	1	0	12.25	12.28	12.75	13.00
		1	25	12.78	12.48	12.59	13.00
		1	49	12.54	12.61	12.53	13.00
		25	0	12.46	12.36	12.33	13.00
		25	12	12.06	12.41	12.19	13.00
		25	25	12.42	12.66	12.31	13.00
		50	0	12.28	12.42	12.74	13.00
	64QAM	1	0	12.29	12.46	12.70	13.00
		1	25	12.98	12.62	12.28	13.00
		1	49	12.64	12.35	12.40	13.00
		25	0	12.57	12.52	12.54	13.00
		25	12	12.34	12.37	12.05	13.00
		25	25	12.52	12.48	12.31	13.00
		50	0	12.35	12.33	12.43	13.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	12.27	12.58	12.68	13.00
		1	37	12.87	12.49	12.51	13.00
		1	74	12.45	12.46	12.25	13.00
		36	0	12.48	12.53	12.37	13.00
		36	20	12.16	12.46	12.24	13.00
		36	39	12.40	12.51	12.50	13.00
		75	0	12.52	12.46	12.77	13.00
	16QAM	1	0	12.30	12.30	12.75	13.00
		1	37	12.74	12.38	12.73	13.00
		1	74	12.69	12.48	12.31	13.00
		36	0	12.48	12.32	12.34	13.00
		36	20	12.07	12.21	12.26	13.00
		36	39	12.62	12.64	12.30	13.00
		75	0	12.35	12.55	12.68	13.00
	64QAM	1	0	12.16	12.29	12.72	13.00
		1	37	12.86	12.49	12.37	13.00
		1	74	12.49	12.55	12.43	13.00

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		36	0	12.42	12.63	12.43	13.00
		36	20	12.16	12.42	12.07	13.00
		36	39	12.27	12.53	12.55	13.00
		75	0	12.38	12.38	12.64	13.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	12.33	12.48	12.59	13.00
		1	49	12.76	12.61	12.52	13.00
		1	99	12.50	12.44	12.31	13.00
		50	0	12.41	12.51	12.49	13.00
		50	24	12.23	12.38	12.24	13.00
		50	50	12.44	12.59	12.55	13.00
		100	0	12.39	12.51	12.64	13.00
	16QAM	1	0	12.32	12.39	12.68	13.00
		1	49	12.78	12.46	12.60	13.00
		1	99	12.59	12.54	12.40	13.00
		50	0	12.37	12.40	12.47	13.00
		50	24	12.09	12.31	12.33	13.00
		50	50	12.51	12.53	12.41	13.00
		100	0	12.26	12.42	12.79	13.00
	64QAM	1	0	12.21	12.37	12.67	13.00
		1	49	12.83	12.51	12.37	13.00
		1	99	12.57	12.45	12.35	13.00
		50	0	12.56	12.66	12.53	13.00
		50	24	12.25	12.43	12.13	13.00
		50	50	12.42	12.47	12.45	13.00
		100	0	12.42	12.44	12.53	13.00

LTE FDD Band 7 LTE B7-LEVEL4&5&6 sensor on				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	17.55	17.43	17.34	18.00
		1	12	17.76	17.65	17.80	18.00
		1	24	17.88	17.65	17.67	18.00
		12	0	17.58	17.56	17.54	18.00
		12	7	17.42	17.44	17.70	18.00
		12	13	17.64	17.48	17.56	18.00
		25	0	17.43	17.64	17.58	18.00
	16QAM	1	0	17.34	17.34	17.55	18.00
		1	12	17.83	17.67	17.52	18.00
		1	24	17.63	17.76	17.88	18.00
		12	0	17.51	17.54	17.71	18.00

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		12	7	17.79	17.63	17.38	18.00
		12	13	17.48	17.66	17.36	18.00
		25	0	17.38	17.54	17.38	18.00
	64QAM	1	0	17.19	17.45	17.31	18.00
		1	12	17.45	17.68	17.74	18.00
		1	24	17.71	17.53	17.52	18.00
		12	0	17.64	17.50	17.63	18.00
		12	7	17.46	17.56	17.55	18.00
		12	13	17.79	17.76	17.73	18.00
		25	0	17.33	17.58	17.55	18.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	17.34	17.33	17.53	18.00
		1	25	17.62	17.64	17.70	18.00
		1	49	17.77	17.55	17.61	18.00
		25	0	17.46	17.45	17.52	18.00
		25	12	17.61	17.55	17.60	18.00
		25	25	17.70	17.58	17.68	18.00
		50	0	17.32	17.58	17.56	18.00
	16QAM	1	0	17.46	17.46	17.61	18.00
		1	25	17.64	17.76	17.61	18.00
		1	49	17.48	17.76	17.90	18.00
		25	0	17.54	17.37	17.59	18.00
		25	12	17.69	17.51	17.26	18.00
		25	25	17.60	17.77	17.51	18.00
		50	0	17.54	17.75	17.58	18.00
	64QAM	1	0	17.33	17.32	17.22	18.00
		1	25	17.73	17.72	17.46	18.00
		1	49	17.69	17.53	17.68	18.00
		25	0	17.48	17.63	17.54	18.00
		25	12	17.34	17.45	17.33	18.00
		25	25	17.84	17.59	17.76	18.00
		50	0	17.36	17.53	17.51	18.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	17.34	17.53	17.33	18.00
		1	37	17.80	17.83	17.76	18.00
		1	74	17.80	17.65	17.64	18.00
		36	0	17.45	17.40	17.66	18.00
		36	20	17.45	17.53	17.56	18.00
		36	39	17.69	17.55	17.59	18.00
		75	0	17.43	17.53	17.45	18.00
	16QAM	1	0	17.38	17.60	17.40	18.00

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		1	37	17.62	17.80	17.57	18.00
		1	74	17.73	17.62	17.94	18.00
		36	0	17.39	17.64	17.69	18.00
		36	20	17.70	17.47	17.48	18.00
		36	39	17.46	17.61	17.60	18.00
		75	0	17.47	17.48	17.63	18.00
	64QAM	1	0	17.16	17.50	17.42	18.00
		1	37	17.47	17.56	17.65	18.00
		1	74	17.66	17.66	17.45	18.00
		36	0	17.45	17.55	17.72	18.00
		36	20	17.33	17.67	17.39	18.00
		36	39	17.72	17.71	17.77	18.00
		75	0	17.43	17.59	17.40	18.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	17.44	17.46	17.44	18.00
		1	49	17.76	17.70	17.67	18.00
		1	99	17.79	17.65	17.58	18.00
		50	0	17.48	17.52	17.67	18.00
		50	24	17.48	17.53	17.58	18.00
		50	50	17.57	17.63	17.61	18.00
		100	0	17.43	17.56	17.45	18.00
	16QAM	1	0	17.43	17.45	17.55	18.00
		1	49	17.75	17.72	17.60	18.00
		1	99	17.60	17.68	17.81	18.00
		50	0	17.39	17.52	17.67	18.00
		50	24	17.65	17.50	17.36	18.00
		50	50	17.61	17.64	17.50	18.00
		100	0	17.52	17.60	17.48	18.00
	64QAM	1	0	17.31	17.42	17.32	18.00
		1	49	17.58	17.68	17.60	18.00
		1	99	17.73	17.65	17.56	18.00
		50	0	17.50	17.52	17.66	18.00
		50	24	17.42	17.56	17.41	18.00
		50	50	17.83	17.68	17.74	18.00
		100	0	17.43	17.56	17.53	18.00

LTE FDD Band 7 LTE B7-LEVEL4&5&6 sensor off				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	23.42	23.74	23.77	24.00
		1	12	23.35	23.67	23.78	24.00

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		1	24	23.33	23.72	23.83	24.00
		12	0	22.26	22.67	22.79	23.00
		12	7	22.22	22.61	22.73	23.00
		12	13	22.19	22.61	22.73	23.00
		25	0	22.23	22.64	22.75	23.00
	16QAM	1	0	22.51	23.20	22.81	23.50
		1	12	22.43	23.21	22.82	23.50
		1	24	22.43	23.23	22.87	23.50
		12	0	21.34	21.80	21.82	22.50
		12	7	21.31	21.74	21.79	22.50
		12	13	21.26	21.73	21.78	22.50
		25	0	21.27	21.69	21.70	22.50
	64QAM	1	0	21.38	21.64	21.64	22.00
		1	12	21.26	21.72	21.79	22.00
		1	24	21.35	21.68	21.57	22.00
		12	0	20.29	20.69	20.82	21.00
		12	7	20.50	20.54	20.76	21.00
		12	13	20.48	20.51	20.55	21.00
		25	0	20.24	20.55	20.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up
				20800/2505	21100/2535	21400/2565	Limit
10MHz	QPSK	1	0	23.34	23.67	23.71	24.00
		1	25	23.25	23.67	23.69	24.00
		1	49	23.28	23.67	23.78	24.00
		25	0	22.24	22.63	22.68	23.00
		25	12	22.26	22.62	22.69	23.00
		25	25	22.29	22.64	22.67	23.00
		50	0	22.30	22.67	22.75	23.00
	16QAM	1	0	22.29	23.06	22.79	23.50
		1	25	22.18	23.02	22.79	23.50
		1	49	22.23	23.06	22.83	23.50
		25	0	21.25	21.70	21.81	22.50
		25	12	21.29	21.65	21.82	22.50
		25	25	21.31	21.70	21.80	22.50
		50	0	21.27	21.67	21.76	22.50
	64QAM	1	0	21.45	21.46	21.55	22.00
		1	25	21.40	21.83	21.52	22.00
		1	49	21.29	21.53	21.50	22.00
		25	0	20.28	20.63	20.75	21.00
		25	12	20.38	20.82	20.59	21.00
		25	25	20.31	20.68	20.74	21.00
		50	0	20.42	20.62	20.51	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up

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				20825/2507.5	21100/2535	21375/2562.5	Limit
15MHz	QPSK	1	0	23.26	23.56	23.61	24.00
		1	37	23.24	23.64	23.62	24.00
		1	74	23.26	23.58	23.64	24.00
		36	0	22.25	22.62	22.70	23.00
		36	20	22.27	22.65	22.67	23.00
		36	39	22.28	22.64	22.65	23.00
		75	0	22.28	22.62	22.70	23.00
	16QAM	1	0	22.20	22.99	23.11	23.50
		1	37	22.21	23.05	23.08	23.50
		1	74	22.18	22.99	23.08	23.50
		36	0	21.24	21.66	21.67	22.50
		36	20	21.27	21.69	21.61	22.50
		36	39	21.29	21.66	21.64	22.50
		75	0	21.27	21.60	21.64	22.50
	64QAM	1	0	21.21	21.70	21.69	22.00
		1	37	21.46	21.57	21.58	22.00
		1	74	21.45	21.51	21.60	22.00
		36	0	20.24	20.69	20.72	21.00
		36	20	20.46	20.56	20.61	21.00
		36	39	20.39	20.70	20.49	21.00
		75	0	20.34	20.73	20.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	23.32	23.58	23.61	24.00
		1	49	**23.40**	23.70	**23.65**	24.00
		1	99	23.33	23.60	23.59	24.00
		50	0	22.27	22.60	22.67	23.00
		50	24	22.37	22.68	22.70	23.00
		50	50	22.34	22.63	22.63	23.00
		100	0	22.31	22.63	22.65	23.00
	16QAM	1	0	22.79	22.98	23.05	23.50
		1	49	22.87	23.10	23.15	23.50
		1	99	22.83	22.98	23.10	23.50
		50	0	21.27	21.58	21.62	22.50
		50	24	21.35	21.67	21.62	22.50
		50	50	21.34	21.61	21.54	22.50
		100	0	21.31	21.58	21.62	22.50
	64QAM	1	0	21.23	21.57	21.60	22.00
		1	49	21.46	21.60	21.62	22.00
		1	99	21.25	21.56	21.49	22.00
		50	0	20.40	20.56	20.79	21.00
		50	24	20.45	20.68	20.65	21.00

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		50	50	20.47	20.77	20.58	21.00
		100	0	20.26	20.66	20.60	21.00

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LTE FDD Band 12 LTE B12-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.47	23.63	23.54	25.00
		1	3	23.54	23.64	23.53	25.00
		1	5	23.56	23.64	23.55	25.00
		3	0	23.56	23.65	23.57	25.00
		3	1	23.56	23.63	23.64	25.00
		3	3	23.61	23.61	23.61	25.00
		6	0	22.57	22.70	22.62	24.00
	16QAM	1	0	22.64	23.15	22.63	24.00
		1	3	22.72	23.04	22.66	24.00
		1	5	22.72	23.07	22.63	24.00
		3	0	22.67	22.89	22.71	24.00
		3	1	22.68	22.83	22.77	24.00
		3	3	22.70	22.82	22.72	24.00
		6	0	21.68	21.56	21.73	23.00
	64QAM	1	0	22.13	21.98	22.35	23.00
		1	3	22.31	22.32	22.11	23.00
		1	5	22.31	22.05	22.15	23.00
		3	0	22.11	21.98	22.35	23.00
		3	1	22.40	22.27	22.08	23.00
		3	3	22.46	22.06	22.00	23.00
		6	0	20.68	20.92	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.56	23.63	23.61	25.00
		1	8	23.55	23.57	23.53	25.00
		1	14	23.57	23.61	23.56	25.00
		8	0	22.56	22.62	22.63	24.00
		8	4	22.62	22.66	22.64	24.00
		8	7	22.59	22.61	22.56	24.00
		15	0	22.57	22.61	22.58	24.00
	16QAM	1	0	22.49	23.07	22.72	24.00
		1	8	22.50	23.12	22.63	24.00
		1	14	22.50	23.04	22.63	24.00
		8	0	21.65	21.73	21.67	23.00
		8	4	21.70	21.72	21.65	23.00
		8	7	21.71	21.69	21.60	23.00
		15	0	21.62	21.61	21.52	23.00
	64QAM	1	0	22.09	22.16	22.19	23.00

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		1	8	22.31	22.07	22.01	23.00
		1	14	22.22	22.00	21.96	23.00
		8	0	20.45	20.82	20.83	22.00
		8	4	20.62	20.77	20.56	22.00
		8	7	20.57	20.75	20.48	22.00
		15	0	20.45	20.81	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.70	23.73	23.65	25.00
		1	12	23.78	23.73	23.61	25.00
		1	24	23.82	23.71	23.62	25.00
		12	0	22.54	22.74	22.66	24.00
		12	7	22.64	22.66	22.61	24.00
		12	13	22.66	22.60	22.50	24.00
		25	0	22.61	22.65	22.56	24.00
	16QAM	1	0	22.82	23.27	22.71	24.00
		1	12	22.87	23.22	22.66	24.00
		1	24	22.92	23.20	22.65	24.00
		12	0	21.63	21.85	21.66	23.00
		12	7	21.70	21.75	21.65	23.00
		12	13	21.68	21.72	21.54	23.00
		25	0	21.62	21.71	21.52	23.00
	64QAM	1	0	22.18	22.01	22.35	23.00
		1	12	22.07	22.17	22.22	23.00
		1	24	22.29	22.24	22.01	23.00
		12	0	20.49	20.71	20.74	22.00
		12	7	20.76	20.51	20.70	22.00
		12	13	20.52	20.62	20.66	22.00
		25	0	20.43	20.76	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.62	23.61	23.70	25.00
		1	25	**23.67**	23.69	**23.66**	25.00
		1	49	23.70	23.60	23.58	25.00
		25	0	22.53	22.77	22.68	24.00
		25	12	22.67	22.66	22.66	24.00
		25	25	22.60	22.63	22.60	24.00
		50	0	22.58	22.77	22.63	24.00
	16QAM	1	0	22.55	23.00	22.72	24.00
		1	25	22.53	23.06	22.74	24.00
		1	49	22.63	23.01	22.62	24.00
		25	0	21.55	21.81	21.76	23.00
		25	12	21.71	21.66	21.76	23.00

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		25	25	21.60	21.65	21.68	23.00
		50	0	21.52	21.71	21.64	23.00
	64QAM	1	0	22.04	22.08	22.09	23.00
		1	25	22.10	22.23	22.02	23.00
		1	49	22.18	22.09	22.12	23.00
		25	0	20.51	20.92	20.56	22.00
		25	12	20.57	20.51	20.79	22.00
		25	25	20.61	20.51	20.51	22.00
		50	0	20.48	20.74	20.54	22.00

LTE FDD Band 12 LTE B12-LEVEL1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.47	23.63	23.54	25.00
		1	3	23.54	23.64	23.53	25.00
		1	5	23.56	23.64	23.55	25.00
		3	0	23.56	23.65	23.57	25.00
		3	1	23.56	23.63	23.64	25.00
		3	3	23.61	23.61	23.61	25.00
		6	0	22.57	22.70	22.62	24.00
	16QAM	1	0	22.64	23.15	22.63	24.00
		1	3	22.72	23.04	22.66	24.00
		1	5	22.72	23.07	22.63	24.00
		3	0	22.67	22.89	22.71	24.00
		3	1	22.68	22.83	22.77	24.00
		3	3	22.70	22.82	22.72	24.00
		6	0	21.68	21.56	21.73	23.00
	64QAM	1	0	22.13	21.98	22.35	23.00
		1	3	22.31	22.32	22.11	23.00
		1	5	22.31	22.05	22.15	23.00
		3	0	22.11	21.98	22.35	23.00
		3	1	22.40	22.27	22.08	23.00
		3	3	22.46	22.06	22.00	23.00
		6	0	20.68	20.92	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.56	23.63	23.61	25.00
		1	8	23.55	23.57	23.53	25.00
		1	14	23.57	23.61	23.56	25.00
		8	0	22.56	22.62	22.63	24.00
		8	4	22.62	22.66	22.64	24.00
		8	7	22.59	22.61	22.56	24.00

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		15	0	22.57	22.61	22.58	24.00
	16QAM	1	0	22.49	23.07	22.72	24.00
		1	8	22.50	23.12	22.63	24.00
		1	14	22.50	23.04	22.63	24.00
		8	0	21.65	21.73	21.67	23.00
		8	4	21.70	21.72	21.65	23.00
		8	7	21.71	21.69	21.60	23.00
		15	0	21.62	21.61	21.52	23.00
	64QAM	1	0	22.09	22.16	22.19	23.00
		1	8	22.31	22.07	22.01	23.00
		1	14	22.22	22.00	21.96	23.00
		8	0	20.45	20.82	20.83	22.00
		8	4	20.62	20.77	20.56	22.00
		8	7	20.57	20.75	20.48	22.00
		15	0	20.45	20.81	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.70	23.73	23.65	25.00
		1	12	23.78	23.73	23.61	25.00
		1	24	23.82	23.71	23.62	25.00
		12	0	22.54	22.74	22.66	24.00
		12	7	22.64	22.66	22.61	24.00
		12	13	22.66	22.60	22.50	24.00
		25	0	22.61	22.65	22.56	24.00
	16QAM	1	0	22.82	23.27	22.71	24.00
		1	12	22.87	23.22	22.66	24.00
		1	24	22.92	23.20	22.65	24.00
		12	0	21.63	21.85	21.66	23.00
		12	7	21.70	21.75	21.65	23.00
		12	13	21.68	21.72	21.54	23.00
		25	0	21.62	21.71	21.52	23.00
	64QAM	1	0	22.18	22.01	22.35	23.00
		1	12	22.07	22.17	22.22	23.00
		1	24	22.29	22.24	22.01	23.00
		12	0	20.49	20.71	20.74	22.00
		12	7	20.76	20.51	20.70	22.00
		12	13	20.52	20.62	20.66	22.00
		25	0	20.43	20.76	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.62	23.61	23.70	25.00
		1	25	**23.67**	23.69	**23.66**	25.00
		1	49	23.70	23.60	23.58	25.00

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		25	0	22.53	22.77	22.68	24.00
		25	12	22.67	22.66	22.66	24.00
		25	25	22.60	22.63	22.60	24.00
		50	0	22.58	22.77	22.63	24.00
	16QAM	1	0	22.55	23.00	22.72	24.00
		1	25	22.53	23.06	22.74	24.00
		1	49	22.63	23.01	22.62	24.00
		25	0	21.55	21.81	21.76	23.00
		25	12	21.71	21.66	21.76	23.00
		25	25	21.60	21.65	21.68	23.00
		50	0	21.52	21.71	21.64	23.00
	64QAM	1	0	22.04	22.08	22.09	23.00
		1	25	22.10	22.23	22.02	23.00
		1	49	22.18	22.09	22.12	23.00
		25	0	20.51	20.92	20.56	22.00
		25	12	20.57	20.51	20.79	22.00
		25	25	20.61	20.51	20.51	22.00
		50	0	20.48	20.74	20.54	22.00

LTE FDD Band 12 LTE B12-LEVEL2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	22.04	22.12	21.96	23.50
		1	3	22.54	22.48	22.26	23.50
		1	5	22.18	22.50	22.37	23.50
		3	0	22.31	22.35	22.50	23.50
		3	1	22.16	22.39	22.20	23.50
		3	3	22.36	22.37	22.51	23.50
		6	0	22.42	22.39	22.35	23.50
	16QAM	1	0	22.39	22.42	22.36	23.50
		1	3	22.51	22.44	22.53	23.50
		1	5	22.31	22.39	22.35	23.50
		3	0	21.37	21.53	21.33	23.50
		3	1	21.32	21.34	21.52	23.50
		3	3	21.17	21.39	21.28	23.50
		6	0	21.40	21.45	21.55	23.00
	64QAM	1	0	21.12	21.30	21.12	23.00
		1	3	21.69	21.43	21.36	23.00
		1	5	21.22	21.54	21.44	23.00
		3	0	21.15	21.48	21.13	23.00
		3	1	21.58	21.48	21.30	23.00
		3	3	21.48	21.42	21.41	23.00

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		6	0	20.28	20.22	20.24	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	22.17	22.22	22.12	23.50
		1	8	22.52	22.38	22.28	23.50
		1	14	22.31	22.21	22.46	23.50
		8	0	22.17	22.42	22.50	23.50
		8	4	22.06	22.28	22.18	23.50
		8	7	22.58	22.48	22.47	23.50
		15	0	22.39	22.53	22.46	23.50
	16QAM	1	0	22.35	22.28	22.36	23.50
		1	8	22.49	22.43	22.40	23.50
		1	14	22.33	22.53	22.41	23.50
		8	0	21.47	21.28	21.27	23.00
		8	4	21.16	21.36	21.28	23.00
		8	7	21.47	21.39	21.21	23.00
		15	0	21.18	21.40	21.43	23.00
	64QAM	1	0	21.31	21.43	21.32	23.00
		1	8	21.58	21.40	21.29	23.00
		1	14	21.39	21.46	21.29	23.00
		8	0	20.17	20.33	20.44	22.00
		8	4	20.40	20.30	20.27	22.00
		8	7	20.22	20.43	20.56	22.00
		15	0	20.19	20.45	20.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	22.15	22.10	22.07	23.50
		1	12	22.56	22.36	22.51	23.50
		1	24	22.37	22.40	22.33	23.50
		12	0	22.19	22.43	22.32	23.50
		12	7	22.05	22.46	22.39	23.50
		12	13	22.43	22.41	22.43	23.50
		25	0	22.46	22.47	22.26	23.50
	16QAM	1	0	22.34	22.22	22.36	23.50
		1	12	22.51	22.58	22.57	23.50
		1	24	22.36	22.37	22.55	23.50
		12	0	21.41	21.30	21.36	23.00
		12	7	21.16	21.43	21.29	23.00
		12	13	21.41	21.28	21.36	23.00
		25	0	21.31	21.35	21.38	23.00
	64QAM	1	0	21.23	21.44	21.19	23.00
		1	12	21.55	21.47	21.24	23.00
		1	24	21.26	21.29	21.53	23.00

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		12	0	20.33	20.31	20.41	22.00
		12	7	20.33	20.44	20.26	22.00
		12	13	20.40	20.24	20.52	22.00
		25	0	20.26	20.42	20.11	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	22.17	22.20	22.05	23.50
		1	25	22.53	22.41	22.41	23.50
		1	49	22.29	22.36	22.46	23.50
		25	0	22.30	22.39	22.42	23.50
		25	12	22.20	22.34	22.33	23.50
		25	25	22.46	22.38	22.46	23.50
		50	0	22.39	22.40	22.38	23.50
	16QAM	1	0	22.28	22.37	22.30	23.50
		1	25	22.43	22.47	22.51	23.50
		1	49	22.31	22.43	22.42	23.50
		25	0	21.37	21.40	21.29	23.00
		25	12	21.22	21.30	21.42	23.00
		25	25	21.32	21.33	21.28	23.00
		50	0	21.29	21.38	21.51	23.00
	64QAM	1	0	21.23	21.34	21.21	23.00
		1	25	21.55	21.48	21.38	23.00
		1	49	21.33	21.41	21.38	23.00
		25	0	20.25	20.38	20.34	22.00
		25	12	20.35	20.29	20.39	22.00
		25	25	20.35	20.33	20.41	22.00
		50	0	20.33	20.37	20.24	22.00

LTE FDD Band 12 LTE B12-LEVEL4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				23017/699.7	23095/707.5	23173/715.3	
1.4MHz	QPSK	1	0	23.47	23.63	23.54	25.00
		1	3	23.54	23.64	23.53	25.00
		1	5	23.56	23.64	23.55	25.00
		3	0	23.56	23.65	23.57	25.00
		3	1	23.56	23.63	23.64	25.00
		3	3	23.61	23.61	23.61	25.00
		6	0	22.57	22.70	22.62	24.00
	16QAM	1	0	22.64	23.15	22.63	24.00
		1	3	22.72	23.04	22.66	24.00
		1	5	22.72	23.07	22.63	24.00
		3	0	22.67	22.89	22.71	24.00

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		3	1	22.68	22.83	22.77	24.00
		3	3	22.70	22.82	22.72	24.00
		6	0	21.68	21.56	21.73	23.00
	64QAM	1	0	22.13	21.98	22.35	23.00
		1	3	22.31	22.32	22.11	23.00
		1	5	22.31	22.05	22.15	23.00
		3	0	22.11	21.98	22.35	23.00
		3	1	22.40	22.27	22.08	23.00
		3	3	22.46	22.06	22.00	23.00
		6	0	20.68	20.92	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23025/700.5	23095/707.5	23165/714.5	
3MHz	QPSK	1	0	23.56	23.63	23.61	25.00
		1	8	23.55	23.57	23.53	25.00
		1	14	23.57	23.61	23.56	25.00
		8	0	22.56	22.62	22.63	24.00
		8	4	22.62	22.66	22.64	24.00
		8	7	22.59	22.61	22.56	24.00
		15	0	22.57	22.61	22.58	24.00
	16QAM	1	0	22.49	23.07	22.72	24.00
		1	8	22.50	23.12	22.63	24.00
		1	14	22.50	23.04	22.63	24.00
		8	0	21.65	21.73	21.67	23.00
		8	4	21.70	21.72	21.65	23.00
		8	7	21.71	21.69	21.60	23.00
		15	0	21.62	21.61	21.52	23.00
	64QAM	1	0	22.09	22.16	22.19	23.00
		1	8	22.31	22.07	22.01	23.00
		1	14	22.22	22.00	21.96	23.00
		8	0	20.45	20.82	20.83	22.00
		8	4	20.62	20.77	20.56	22.00
		8	7	20.57	20.75	20.48	22.00
		15	0	20.45	20.81	20.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23035/701.5	23095/707.5	23155/713.5	
5MHz	QPSK	1	0	23.70	23.73	23.65	25.00
		1	12	23.78	23.73	23.61	25.00
		1	24	23.82	23.71	23.62	25.00
		12	0	22.54	22.74	22.66	24.00
		12	7	22.64	22.66	22.61	24.00
		12	13	22.66	22.60	22.50	24.00
		25	0	22.61	22.65	22.56	24.00
	16QAM	1	0	22.82	23.27	22.71	24.00

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		1	12	22.87	23.22	22.66	24.00
		1	24	22.92	23.20	22.65	24.00
		12	0	21.63	21.85	21.66	23.00
		12	7	21.70	21.75	21.65	23.00
		12	13	21.68	21.72	21.54	23.00
		25	0	21.62	21.71	21.52	23.00
	64QAM	1	0	22.18	22.01	22.35	23.00
		1	12	22.07	22.17	22.22	23.00
		1	24	22.29	22.24	22.01	23.00
		12	0	20.49	20.71	20.74	22.00
		12	7	20.76	20.51	20.70	22.00
		12	13	20.52	20.62	20.66	22.00
		25	0	20.43	20.76	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				23060/704	23095/707.5	23130/711	
10MHz	QPSK	1	0	23.62	23.61	23.70	25.00
		1	25	**23.67**	23.69	**23.66**	25.00
		1	49	23.70	23.60	23.58	25.00
		25	0	22.53	22.77	22.68	24.00
		25	12	22.67	22.66	22.66	24.00
		25	25	22.60	22.63	22.60	24.00
		50	0	22.58	22.77	22.63	24.00
	16QAM	1	0	22.55	23.00	22.72	24.00
		1	25	22.53	23.06	22.74	24.00
		1	49	22.63	23.01	22.62	24.00
		25	0	21.55	21.81	21.76	23.00
		25	12	21.71	21.66	21.76	23.00
		25	25	21.60	21.65	21.68	23.00
		50	0	21.52	21.71	21.64	23.00
	64QAM	1	0	22.04	22.08	22.09	23.00
		1	25	22.10	22.23	22.02	23.00
		1	49	22.18	22.09	22.12	23.00
		25	0	20.51	20.92	20.56	22.00
		25	12	20.57	20.51	20.79	22.00
		25	25	20.61	20.51	20.51	22.00
		50	0	20.48	20.74	20.54	22.00

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Antenna 4:

LTE FDD Band 7 LTE B7-Normal				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	22.19	22.14	22.41	23.00
		1	12	22.19	22.52	22.57	23.00
		1	24	22.30	22.45	22.28	23.00
		12	0	21.34	21.32	21.44	22.00
		12	7	21.26	21.49	21.43	22.00
		12	13	21.22	21.53	21.35	22.00
		25	0	21.34	21.43	21.52	22.00
	16QAM	1	0	21.28	21.22	21.31	22.00
		1	12	20.93	21.03	20.76	22.00
		1	24	21.30	21.43	21.30	22.00
		12	0	20.20	20.12	20.16	21.00
		12	7	20.18	20.18	19.92	21.00
		12	13	20.22	20.06	20.00	21.00
		25	0	20.01	20.23	20.27	21.00
	64QAM	1	0	20.05	20.09	20.41	21.00
		1	12	20.13	20.35	20.23	21.00
		1	24	20.13	20.21	20.15	21.00
		12	0	19.28	19.14	19.18	20.00
		12	7	18.81	19.11	18.93	20.00
		12	13	19.07	19.22	19.05	20.00
		25	0	19.18	19.25	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	22.23	22.18	22.34	23.00
		1	25	22.32	22.34	22.54	23.00
		1	49	22.22	22.38	22.21	23.00
		25	0	21.13	21.28	21.53	22.00
		25	12	21.39	21.47	21.55	22.00
		25	25	21.16	21.49	21.16	22.00
		50	0	21.17	21.24	21.25	22.00
	16QAM	1	0	21.24	21.20	21.39	22.00
		1	25	20.78	21.20	20.87	22.00
		1	49	21.03	21.34	21.26	22.00
		25	0	20.02	20.32	20.32	21.00
		25	12	20.30	20.16	20.04	21.00
		25	25	20.28	20.10	19.90	21.00
		50	0	19.99	20.33	20.19	21.00
	64QAM	1	0	20.09	20.19	20.37	21.00

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		1	25	20.21	20.15	20.13	21.00
		1	49	20.23	20.19	20.15	21.00
		25	0	19.28	19.16	19.18	20.00
		25	12	18.86	18.99	18.86	20.00
		25	25	18.93	19.03	18.93	20.00
		50	0	19.01	19.14	19.07	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	22.30	22.21	22.43	23.00
		1	37	22.37	22.59	22.47	23.00
		1	74	22.08	22.27	22.36	23.00
		36	0	21.24	21.30	21.59	22.00
		36	20	21.43	21.34	21.49	22.00
		36	39	21.35	21.31	21.37	22.00
		75	0	21.30	21.22	21.40	22.00
	16QAM	1	0	21.39	21.28	21.16	22.00
		1	37	20.93	21.12	20.76	22.00
		1	74	21.28	21.28	21.30	22.00
		36	0	20.06	20.08	20.36	21.00
		36	20	20.30	20.20	19.94	21.00
		36	39	20.02	20.14	20.14	21.00
		75	0	20.03	20.39	20.13	21.00
	64QAM	1	0	19.97	20.17	20.35	21.00
		1	37	20.13	20.19	20.23	21.00
		1	74	20.11	20.27	20.23	21.00
		36	0	19.05	19.07	18.99	20.00
		36	20	18.88	18.97	18.93	20.00
		36	39	18.93	19.20	18.91	20.00
		75	0	18.93	19.35	19.04	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	22.30	22.25	22.50	23.00
		1	49	**22.41**	22.54	**22.52**	23.00
		1	99	22.26	22.49	22.32	23.00
		50	0	21.30	21.30	21.53	22.00
		50	24	21.39	21.45	21.49	22.00
		50	50	21.31	21.53	21.35	22.00
		100	0	21.32	21.41	21.46	22.00
	16QAM	1	0	21.41	21.37	21.35	22.00
		1	49	20.97	21.16	20.97	22.00
		1	99	21.24	21.43	21.41	22.00
		50	0	20.18	20.26	20.32	21.00
		50	24	20.28	20.26	20.06	21.00

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		50	50	20.22	20.20	20.08	21.00
		100	0	20.17	20.35	20.29	21.00
	64QAM	1	0	20.13	20.29	20.35	21.00
		1	49	20.29	20.35	20.31	21.00
		1	99	20.19	20.33	20.35	21.00
		50	0	19.22	19.24	19.16	20.00
		50	24	18.92	19.07	19.01	20.00
		50	50	19.03	19.18	19.01	20.00
		100	0	19.12	19.31	19.19	20.00

LTE FDD Band 7 LTE B7-LEVEL1				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	22.19	22.14	22.41	23.00
		1	12	22.19	22.52	22.57	23.00
		1	24	22.30	22.45	22.28	23.00
		12	0	21.34	21.32	21.44	22.00
		12	7	21.26	21.49	21.43	22.00
		12	13	21.22	21.53	21.35	22.00
		25	0	21.34	21.43	21.52	22.00
	16QAM	1	0	21.28	21.22	21.31	22.00
		1	12	20.93	21.03	20.76	22.00
		1	24	21.30	21.43	21.30	22.00
		12	0	20.20	20.12	20.16	21.00
		12	7	20.18	20.18	19.92	21.00
		12	13	20.22	20.06	20.00	21.00
		25	0	20.01	20.23	20.27	21.00
	64QAM	1	0	20.05	20.09	20.41	21.00
		1	12	20.13	20.35	20.23	21.00
		1	24	20.13	20.21	20.15	21.00
		12	0	19.28	19.14	19.18	20.00
		12	7	18.81	19.11	18.93	20.00
		12	13	19.07	19.22	19.05	20.00
		25	0	19.18	19.25	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	22.23	22.18	22.34	23.00
		1	25	22.32	22.34	22.54	23.00
		1	49	22.22	22.38	22.21	23.00
		25	0	21.13	21.28	21.53	22.00
		25	12	21.39	21.47	21.55	22.00
		25	25	21.16	21.49	21.16	22.00

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		50	0	21.17	21.24	21.25	22.00
	16QAM	1	0	21.24	21.20	21.39	22.00
		1	25	20.78	21.20	20.87	22.00
		1	49	21.03	21.34	21.26	22.00
		25	0	20.02	20.32	20.32	21.00
		25	12	20.30	20.16	20.04	21.00
		25	25	20.28	20.10	19.90	21.00
		50	0	19.99	20.33	20.19	21.00
	64QAM	1	0	20.09	20.19	20.37	21.00
		1	25	20.21	20.15	20.13	21.00
		1	49	20.23	20.19	20.15	21.00
		25	0	19.28	19.16	19.18	20.00
		25	12	18.86	18.99	18.86	20.00
		25	25	18.93	19.03	18.93	20.00
		50	0	19.01	19.14	19.07	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	22.30	22.21	22.43	23.00
		1	37	22.37	22.59	22.47	23.00
		1	74	22.08	22.27	22.36	23.00
		36	0	21.24	21.30	21.59	22.00
		36	20	21.43	21.34	21.49	22.00
		36	39	21.35	21.31	21.37	22.00
		75	0	21.30	21.22	21.40	22.00
	16QAM	1	0	21.39	21.28	21.16	22.00
		1	37	20.93	21.12	20.76	22.00
		1	74	21.28	21.28	21.30	22.00
		36	0	20.06	20.08	20.36	21.00
		36	20	20.30	20.20	19.94	21.00
		36	39	20.02	20.14	20.14	21.00
		75	0	20.03	20.39	20.13	21.00
	64QAM	1	0	19.97	20.17	20.35	21.00
		1	37	20.13	20.19	20.23	21.00
		1	74	20.11	20.27	20.23	21.00
		36	0	19.05	19.07	18.99	20.00
		36	20	18.88	18.97	18.93	20.00
		36	39	18.93	19.20	18.91	20.00
		75	0	18.93	19.35	19.04	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	22.30	22.25	22.50	23.00
		1	49	**22.41**	22.54	**22.52**	23.00
		1	99	22.26	22.49	22.32	23.00

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		50	0	21.30	21.30	21.53	22.00
		50	24	**21.39**	21.45	**21.49**	22.00
		50	50	21.31	21.53	21.35	22.00
		100	0	21.32	21.41	21.46	22.00
	16QAM	1	0	21.41	21.37	21.35	22.00
		1	49	20.97	21.16	20.97	22.00
		1	99	21.24	21.43	21.41	22.00
		50	0	20.18	20.26	20.32	21.00
		50	24	20.28	20.26	20.06	21.00
		50	50	20.22	20.20	20.08	21.00
		100	0	20.17	20.35	20.29	21.00
	64QAM	1	0	20.13	20.29	20.35	21.00
		1	49	20.29	20.35	20.31	21.00
		1	99	20.19	20.33	20.35	21.00
		50	0	19.22	19.24	19.16	20.00
		50	24	18.92	19.07	19.01	20.00
		50	50	19.03	19.18	19.01	20.00
		100	0	19.12	19.31	19.19	20.00

LTE FDD Band 7 LTE B7-LEVEL2&3				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	18.76	18.65	18.72	19.50
		1	12	18.51	18.70	18.75	19.50
		1	24	18.45	18.80	18.99	19.50
		12	0	18.72	18.46	18.80	19.50
		12	7	18.71	18.98	18.84	19.50
		12	13	18.80	18.66	18.59	19.50
		25	0	18.95	18.95	19.02	19.50
	16QAM	1	0	18.62	18.64	18.90	19.50
		1	12	18.71	18.80	18.78	19.50
		1	24	18.50	18.93	18.74	19.50
		12	0	18.69	19.00	18.83	19.50
		12	7	18.84	18.68	18.85	19.50
		12	13	18.74	18.72	18.80	19.50
		25	0	18.78	18.79	18.87	19.50
	64QAM	1	0	18.78	18.87	18.77	19.50
		1	12	18.55	18.83	18.96	19.50
		1	24	18.79	18.63	18.80	19.50
		12	0	18.72	18.88	18.79	19.50
		12	7	18.85	18.63	18.70	19.50
		12	13	18.58	18.84	18.88	19.50

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		25	0	18.93	18.96	19.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	18.82	18.75	18.74	19.50
		1	25	18.53	18.72	18.75	19.50
		1	49	18.71	18.95	19.02	19.50
		25	0	18.56	18.51	18.81	19.50
		25	12	18.89	18.81	19.09	19.50
		25	25	18.65	18.57	18.87	19.50
		50	0	18.85	18.93	18.89	19.50
	16QAM	1	0	18.82	18.46	19.03	19.50
		1	25	18.76	18.71	19.04	19.50
		1	49	18.68	18.81	18.90	19.50
		25	0	18.71	18.97	18.65	19.50
		25	12	18.75	18.64	18.85	19.50
		25	25	18.59	18.53	18.91	19.50
		50	0	18.64	18.90	18.79	19.50
	64QAM	1	0	18.68	18.65	18.78	19.50
		1	25	18.71	18.56	18.94	19.50
		1	49	18.91	18.69	18.99	19.50
		25	0	18.53	18.79	19.00	19.50
		25	12	18.78	18.61	18.68	19.50
		25	25	18.53	18.94	18.92	19.50
		50	0	18.74	18.96	18.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	18.66	18.59	18.76	19.50
		1	37	18.79	18.82	18.91	19.50
		1	74	18.49	18.97	19.00	19.50
		36	0	18.60	18.49	18.79	19.50
		36	20	18.92	18.81	19.07	19.50
		36	39	18.89	18.55	18.82	19.50
		75	0	18.69	18.80	18.85	19.50
	16QAM	1	0	18.58	18.64	19.00	19.50
		1	37	18.56	18.59	19.06	19.50
		1	74	18.66	18.84	18.98	19.50
		36	0	18.65	18.86	18.61	19.50
		36	20	18.76	18.75	19.09	19.50
		36	39	18.56	18.79	18.98	19.50
		75	0	18.85	18.62	18.74	19.50
	64QAM	1	0	18.82	18.82	18.77	19.50
		1	37	18.56	18.79	18.95	19.50
		1	74	18.71	18.63	19.04	19.50

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		36	0	18.64	18.73	19.00	19.50
		36	20	18.69	18.87	18.69	19.50
		36	39	18.52	18.70	18.79	19.50
		75	0	18.99	18.98	19.01	19.50
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	18.83	18.61	18.93	19.50
		1	49	**18.55**	18.75	**18.80**	19.50
		1	99	18.57	19.00	18.80	19.50
		50	0	18.75	18.48	18.78	19.50
		50	24	**18.74**	18.70	**19.11**	19.50
		50	50	18.64	18.65	18.80	19.50
		100	0	18.91	18.80	18.99	19.50
	16QAM	1	0	18.76	18.46	18.75	19.50
		1	49	18.55	18.60	19.04	19.50
		1	99	18.45	18.81	18.83	19.50
		50	0	18.83	18.93	18.64	19.50
		50	24	18.83	18.75	18.93	19.50
		50	50	18.76	18.60	19.05	19.50
		100	0	18.89	18.86	18.82	19.50
	64QAM	1	0	18.76	18.81	18.85	19.50
		1	49	18.77	18.55	18.97	19.50
		1	99	18.83	18.79	19.05	19.50
		50	0	18.66	18.73	18.87	19.50
		50	24	18.75	18.88	18.63	19.50
		50	50	18.66	18.74	18.72	19.50
		100	0	18.98	18.89	18.88	19.50

LTE FDD Band 7 LTE B7-LEVEL4&5&6				Conducted Power(dBm)			Tune-up Limit
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			
				20775/2502.5	21100/2535	21425/2567.5	
5MHz	QPSK	1	0	19.26	19.11	19.22	20.00
		1	12	19.25	19.41	19.19	20.00
		1	24	19.13	19.40	19.29	20.00
		12	0	19.21	19.16	19.43	20.00
		12	7	19.39	19.28	19.36	20.00
		12	13	19.30	19.01	19.07	20.00
		25	0	19.47	19.21	19.52	20.00
	16QAM	1	0	19.29	19.07	19.31	20.00
		1	12	19.01	19.28	19.35	20.00
		1	24	19.10	19.36	19.44	20.00
		12	0	19.14	19.51	19.34	20.00

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		12	7	19.27	19.16	19.39	20.00
		12	13	19.22	19.24	19.36	20.00
		25	0	19.40	19.25	19.48	20.00
	64QAM	1	0	19.21	19.19	19.34	20.00
		1	12	19.13	19.16	19.42	20.00
		1	24	19.42	19.07	19.52	20.00
		12	0	18.98	19.39	19.42	20.00
		12	7	19.36	19.19	19.35	20.00
		12	13	19.12	19.39	19.36	20.00
		25	0	19.30	19.36	19.28	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20800/2505	21100/2535	21400/2565	
10MHz	QPSK	1	0	19.27	19.22	19.43	20.00
		1	25	19.26	19.18	19.16	20.00
		1	49	19.17	19.34	19.24	20.00
		25	0	19.20	19.02	19.35	20.00
		25	12	19.32	19.41	19.34	20.00
		25	25	19.24	19.12	19.25	20.00
		50	0	19.42	19.43	19.53	20.00
	16QAM	1	0	19.10	19.15	19.49	20.00
		1	25	19.00	19.04	19.44	20.00
		1	49	18.94	19.33	19.36	20.00
		25	0	19.32	19.28	19.17	20.00
		25	12	19.38	19.43	19.45	20.00
		25	25	19.08	19.23	19.48	20.00
		50	0	19.13	19.14	19.24	20.00
	64QAM	1	0	19.19	19.14	19.40	20.00
		1	25	19.15	19.33	19.22	20.00
		1	49	19.41	19.31	19.29	20.00
		25	0	19.23	19.42	19.36	20.00
		25	12	19.20	19.40	19.27	20.00
		25	25	19.06	19.19	19.41	20.00
		50	0	19.32	19.22	19.46	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20825/2507.5	21100/2535	21375/2562.5	
15MHz	QPSK	1	0	19.23	19.18	19.25	20.00
		1	37	19.16	19.39	19.35	20.00
		1	74	19.07	19.21	19.47	20.00
		36	0	19.22	19.11	19.50	20.00
		36	20	19.42	19.35	19.34	20.00
		36	39	19.12	19.21	19.34	20.00
		75	0	19.20	19.29	19.50	20.00
	16QAM	1	0	19.15	19.25	19.37	20.00

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		1	37	19.07	19.26	19.36	20.00
		1	74	19.01	19.52	19.34	20.00
		36	0	19.35	19.38	19.11	20.00
		36	20	19.32	19.40	19.42	20.00
		36	39	19.23	19.25	19.54	20.00
		75	0	19.15	19.41	19.25	20.00
	64QAM	1	0	19.28	19.15	19.12	20.00
		1	37	19.17	19.09	19.20	20.00
		1	74	19.38	19.27	19.49	20.00
		36	0	19.04	19.49	19.41	20.00
		36	20	19.38	19.25	19.14	20.00
		36	39	18.99	19.41	19.14	20.00
		75	0	19.39	19.19	19.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel/Frequency (MHz)			Tune-up Limit
				20850/2510	21100/2535	21350/2560	
20MHz	QPSK	1	0	19.24	19.23	19.35	20.00
		1	49	**19.16**	19.32	**19.31**	20.00
		1	99	19.09	19.36	19.38	20.00
		50	0	19.16	19.09	19.43	20.00
		50	24	**19.34**	19.34	**19.47**	20.00
		50	50	19.25	19.11	19.22	20.00
		100	0	19.32	19.36	19.39	20.00
	16QAM	1	0	19.21	19.11	19.38	20.00
		1	49	19.11	19.15	19.41	20.00
		1	99	19.09	19.38	19.37	20.00
		50	0	19.29	19.38	19.23	20.00
		50	24	19.26	19.28	19.50	20.00
		50	50	19.14	19.14	19.41	20.00
		100	0	19.25	19.27	19.37	20.00
	64QAM	1	0	19.33	19.25	19.25	20.00
		1	49	19.12	19.20	19.34	20.00
		1	99	19.35	19.21	19.44	20.00
		50	0	19.12	19.35	19.39	20.00
		50	24	19.25	19.25	19.20	20.00
		50	50	19.14	19.31	19.27	20.00
		100	0	19.35	19.33	19.40	20.00

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1.5.2 NR(EN-DC) Mode

Antenna 0:

NR (EN-DC) n66 N66-ANT0 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.61	22.73	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.50	22.82	22.57	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.68	22.73	22.59	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.70	22.96	22.68	24.00
		1	53	22.94	22.65	22.93	24.00
		1	104	22.99	22.73	22.93	24.00
	DFT-s-OFDM BPSK	50	0	23.05	22.86	22.99	24.00
		50	28	23.06	22.81	22.82	24.00
		50	56	22.95	22.82	22.91	24.00
	DFT-s-OFDM BPSK	100	0	23.02	22.82	23.05	24.00
	DFT-s-OFDM QPSK	1	1	22.75	22.96	23.01	24.00
	DFT-s-OFDM 16QAM	1	1	21.83	21.87	21.80	23.00
	DFT-s-OFDM 64QAM	1	1	20.22	20.42	20.26	21.50
	DFT-s-OFDM 256QAM	1	1	18.87	18.98	19.02	19.50
	CP-OFDM QPSK	1	1	21.58	21.64	21.70	22.50
	CP-OFDM 16QAM	1	1	21.34	21.40	21.25	22.00
	CP-OFDM 64QAM	1	1	19.73	19.69	19.61	20.50
	CP-OFDM 256QAM	1	1	16.35	16.45	16.50	17.50

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NR (EN-DC) n66 N66-ANT0-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.61	22.73	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.50	22.82	22.57	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.68	22.73	22.59	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.70	22.96	22.68	24.00
		1	53	22.94	22.65	22.93	24.00
		1	104	22.99	22.73	22.93	24.00
	DFT-s-OFDM BPSK	50	0	23.05	22.86	22.99	24.00
		50	28	23.06	22.81	22.82	24.00
		50	56	22.95	22.82	22.91	24.00
	DFT-s-OFDM BPSK	100	0	23.02	22.82	23.05	24.00
	DFT-s-OFDM QPSK	1	1	22.75	22.96	23.01	24.00
	DFT-s-OFDM 16QAM	1	1	21.83	21.87	21.80	23.00
	DFT-s-OFDM 64QAM	1	1	20.22	20.42	20.26	21.50
	DFT-s-OFDM 256QAM	1	1	18.87	18.98	19.02	19.50
	CP-OFDM QPSK	1	1	21.58	21.64	21.70	22.50
	CP-OFDM 16QAM	1	1	21.34	21.40	21.25	22.00
	CP-OFDM 64QAM	1	1	19.73	19.69	19.61	20.50
	CP-OFDM 256QAM	1	1	16.35	16.45	16.50	17.50

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NR (EN-DC) n66 N66-ANT0-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.61	22.73	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.50	22.82	22.57	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.68	22.73	22.59	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.70	22.96	22.68	24.00
		1	53	22.94	22.65	22.93	24.00
		1	104	22.99	22.73	22.93	24.00
	DFT-s-OFDM BPSK	50	0	23.05	22.86	22.99	24.00
		50	28	23.06	22.81	22.82	24.00
		50	56	22.95	22.82	22.91	24.00
	DFT-s-OFDM BPSK	100	0	23.02	22.82	23.05	24.00
	DFT-s-OFDM QPSK	1	1	22.75	22.96	23.01	24.00
	DFT-s-OFDM 16QAM	1	1	21.83	21.87	21.80	23.00
	DFT-s-OFDM 64QAM	1	1	20.22	20.42	20.26	21.50
	DFT-s-OFDM 256QAM	1	1	18.87	18.98	19.02	19.50
	CP-OFDM QPSK	1	1	21.58	21.64	21.70	22.50
	CP-OFDM 16QAM	1	1	21.34	21.40	21.25	22.00
	CP-OFDM 64QAM	1	1	19.73	19.69	19.61	20.50
	CP-OFDM 256QAM	1	1	16.35	16.45	16.50	17.50

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NR (EN-DC) n66 N66-ANT0-LEVEL4&5&6		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	19.49	19.67	19.42	20.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	19.61	19.58	19.41	20.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	19.62	19.70	19.37	20.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	19.56	19.58	19.44	20.00
		1	53	19.63	19.57	19.44	20.00
		1	104	19.64	19.50	19.43	20.00
	DFT-s-OFDM BPSK	50	0	19.48	19.54	19.48	20.00
		50	28	19.54	19.62	19.39	20.00
		50	56	19.49	19.41	19.54	20.00
	DFT-s-OFDM BPSK	100	0	19.71	19.70	19.49	20.00
	DFT-s-OFDM QPSK	1	1	19.62	19.63	19.49	20.00
	DFT-s-OFDM 16QAM	1	1	19.66	19.50	19.35	20.00
	DFT-s-OFDM 64QAM	1	1	19.50	19.52	19.54	20.00
	DFT-s-OFDM 256QAM	1	1	19.00	18.91	18.95	19.50
	CP-OFDM QPSK	1	1	19.61	19.47	19.37	20.00
	CP-OFDM 16QAM	1	1	19.44	19.43	19.52	20.00
	CP-OFDM 64QAM	1	1	19.45	19.71	19.34	20.00
	CP-OFDM 256QAM	1	1	16.37	16.40	16.34	17.50

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Antenna 1:

NR (EN-DC) n66 N66-ANT1 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	21.68	21.80	21.58	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	21.77	21.82	21.65	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	21.70	21.73	21.67	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	21.70	21.95	21.80	23.50
		1	53	22.31	22.25	22.31	23.50
		1	104	21.98	21.83	22.16	23.50
	DFT-s-OFDM BPSK	50	0	21.96	21.93	21.78	23.50
		50	28	22.08	22.23	22.23	23.50
		50	56	21.86	21.80	21.90	23.50
	DFT-s-OFDM BPSK	100	0	21.79	21.92	21.93	23.50
	DFT-s-OFDM QPSK	1	1	21.84	21.95	21.82	23.50
	DFT-s-OFDM 16QAM	1	1	20.94	20.90	20.84	22.50
	DFT-s-OFDM 64QAM	1	1	19.43	19.45	19.45	21.00
	DFT-s-OFDM 256QAM	1	1	17.92	18.03	18.08	19.00
	CP-OFDM QPSK	1	1	20.51	20.67	20.57	22.00
	CP-OFDM 16QAM	1	1	20.29	20.43	20.49	21.50
	CP-OFDM 64QAM	1	1	18.60	18.75	18.64	20.00
	CP-OFDM 256QAM	1	1	15.46	15.48	15.51	17.00

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NR (EN-DC) n66 N66-ANT1-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	14.30	14.47	14.25	15.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	14.33	14.34	14.31	15.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	13.67	13.82	13.64	15.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	14.31	14.48	14.22	15.00
		1	53	14.23	14.42	14.35	15.00
		1	104	14.46	14.42	14.36	15.00
	DFT-s-OFDM BPSK	50	0	14.42	14.20	14.25	15.00
		50	28	14.38	14.25	14.31	15.00
		50	56	14.16	14.16	14.28	15.00
	DFT-s-OFDM BPSK	100	0	14.45	14.52	14.45	15.00
	DFT-s-OFDM QPSK	1	1	14.52	14.38	14.47	15.00
	DFT-s-OFDM 16QAM	1	1	14.37	14.32	14.15	15.00
	DFT-s-OFDM 64QAM	1	1	14.49	14.42	14.27	15.00
	DFT-s-OFDM 256QAM	1	1	14.44	14.29	14.53	15.00
	CP-OFDM QPSK	1	1	14.50	14.39	14.45	15.00
	CP-OFDM 16QAM	1	1	14.12	14.50	14.34	15.00
	CP-OFDM 64QAM	1	1	14.28	14.57	14.39	15.00
	CP-OFDM 256QAM	1	1	14.12	14.09	14.18	15.00

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NR (EN-DC) n66 N66-ANT1-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	12.85	13.06	12.86	13.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	12.75	12.89	12.85	13.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	12.24	12.37	12.05	13.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	12.69	12.97	12.67	13.50
		1	53	12.62	12.83	12.94	13.50
		1	104	12.84	12.91	12.81	13.50
	DFT-s-OFDM BPSK	50	0	12.88	12.82	12.68	13.50
		50	28	12.75	12.78	12.85	13.50
		50	56	12.59	12.74	12.84	13.50
	DFT-s-OFDM BPSK	100	0	12.88	13.11	12.81	13.50
	DFT-s-OFDM QPSK	1	1	12.96	12.98	12.97	13.50
	DFT-s-OFDM 16QAM	1	1	12.85	12.87	12.62	13.50
	DFT-s-OFDM 64QAM	1	1	13.10	12.86	12.64	13.50
	DFT-s-OFDM 256QAM	1	1	13.03	12.78	12.99	13.50
	CP-OFDM QPSK	1	1	13.15	12.91	13.05	13.50
	CP-OFDM 16QAM	1	1	12.75	12.97	12.85	13.50
	CP-OFDM 64QAM	1	1	12.68	13.11	13.04	13.50
	CP-OFDM 256QAM	1	1	12.73	12.67	12.73	13.50

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NR (EN-DC) n66 N66-ANT1-LEVEL4&5&6-Sensor on		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	16.59	16.62	16.69	17.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	16.80	16.79	16.86	17.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	16.78	16.58	16.91	17.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	16.77	16.68	17.13	17.50
		1	53	16.68	16.82	17.23	17.50
		1	104	16.67	16.75	17.05	17.50
	DFT-s-OFDM BPSK	50	0	16.83	16.73	17.27	17.50
		50	28	16.73	16.97	17.12	17.50
		50	56	16.80	16.88	16.96	17.50
	DFT-s-OFDM BPSK	100	0	16.85	16.65	17.20	17.50
	DFT-s-OFDM QPSK	1	1	16.65	16.91	17.16	17.50
	DFT-s-OFDM 16QAM	1	1	16.61	16.78	17.20	17.50
	DFT-s-OFDM 64QAM	1	1	16.65	16.61	17.17	17.50
	DFT-s-OFDM 256QAM	1	1	16.59	16.68	17.31	17.50
	CP-OFDM QPSK	1	1	16.58	16.81	17.17	17.50
	CP-OFDM 16QAM	1	1	16.62	16.60	17.25	17.50
	CP-OFDM 64QAM	1	1	16.71	16.74	17.21	17.50
	CP-OFDM 256QAM	1	1	15.85	15.47	15.58	17.00

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NR (EN-DC) n66 N66-ANT1-LEVEL4&5&6-Sensor off		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	21.68	21.80	21.58	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	21.77	21.82	21.65	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	21.70	21.73	21.67	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	21.70	21.95	21.80	23.50
		1	53	22.31	22.25	22.31	23.50
		1	104	21.98	21.83	22.16	23.50
	DFT-s-OFDM BPSK	50	0	21.96	21.93	21.78	23.50
		50	28	22.08	22.23	22.23	23.50
		50	56	21.86	21.80	21.90	23.50
	DFT-s-OFDM BPSK	100	0	21.79	21.92	21.93	23.50
	DFT-s-OFDM QPSK	1	1	21.84	21.95	21.82	23.50
	DFT-s-OFDM 16QAM	1	1	20.94	20.90	20.84	22.50
	DFT-s-OFDM 64QAM	1	1	19.43	19.45	19.45	21.00
	DFT-s-OFDM 256QAM	1	1	17.92	18.03	18.08	19.00
	CP-OFDM QPSK	1	1	20.51	20.67	20.57	22.00
	CP-OFDM 16QAM	1	1	20.29	20.43	20.49	21.50
	CP-OFDM 64QAM	1	1	18.60	18.75	18.64	20.00
	CP-OFDM 256QAM	1	1	15.46	15.48	15.51	17.00

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Antenna 4:

NR (EN-DC) n66 N66-ANT4 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.22	22.23	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.33	22.41	21.94	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.13	22.18	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.27	22.31	21.89	23.50
		1	53	22.31	22.28	22.27	23.50
		1	104	22.41	22.01	22.12	23.50
	DFT-s-OFDM BPSK	50	0	22.08	22.01	21.94	23.50
		50	28	22.15	22.27	22.37	23.50
		50	56	21.68	21.81	21.93	23.50
	DFT-s-OFDM BPSK	100	0	21.84	21.96	21.97	23.50
	DFT-s-OFDM QPSK	1	1	22.24	22.32	22.33	23.50
	DFT-s-OFDM 16QAM	1	1	21.16	21.23	21.38	22.50
	DFT-s-OFDM 64QAM	1	1	19.80	19.79	19.65	21.00
	DFT-s-OFDM 256QAM	1	1	18.34	18.36	18.23	19.00
	CP-OFDM QPSK	1	1	21.10	21.04	20.97	22.00
	CP-OFDM 16QAM	1	1	20.64	20.78	20.70	21.50
	CP-OFDM 64QAM	1	1	19.00	19.09	19.03	20.00
	CP-OFDM 256QAM	1	1	15.79	15.81	15.79	17.00

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NR (EN-DC) n66 N66-ANT4-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.22	22.23	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.33	22.41	21.94	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.13	22.18	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.27	22.31	21.89	23.50
		1	53	22.31	22.28	22.27	23.50
		1	104	22.41	22.01	22.12	23.50
	DFT-s-OFDM BPSK	50	0	22.08	22.01	21.94	23.50
		50	28	22.15	22.27	22.37	23.50
		50	56	21.68	21.81	21.93	23.50
	DFT-s-OFDM BPSK	100	0	21.84	21.96	21.97	23.50
	DFT-s-OFDM QPSK	1	1	22.24	22.32	22.33	23.50
	DFT-s-OFDM 16QAM	1	1	21.16	21.23	21.38	22.50
	DFT-s-OFDM 64QAM	1	1	19.80	19.79	19.65	21.00
	DFT-s-OFDM 256QAM	1	1	18.34	18.36	18.23	19.00
	CP-OFDM QPSK	1	1	21.10	21.04	20.97	22.00
	CP-OFDM 16QAM	1	1	20.64	20.78	20.70	21.50
	CP-OFDM 64QAM	1	1	19.00	19.09	19.03	20.00
	CP-OFDM 256QAM	1	1	15.79	15.81	15.79	17.00

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NR (EN-DC) n66 N66-ANT4-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.22	22.23	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.33	22.41	21.94	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.13	22.18	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.27	22.31	21.89	23.50
		1	53	22.31	22.28	22.27	23.50
		1	104	22.41	22.01	22.12	23.50
	DFT-s-OFDM BPSK	50	0	22.08	22.01	21.94	23.50
		50	28	22.15	22.27	22.37	23.50
		50	56	21.68	21.81	21.93	23.50
	DFT-s-OFDM BPSK	100	0	21.84	21.96	21.97	23.50
	DFT-s-OFDM QPSK	1	1	22.24	22.32	22.33	23.50
	DFT-s-OFDM 16QAM	1	1	21.16	21.23	21.38	22.50
	DFT-s-OFDM 64QAM	1	1	19.80	19.79	19.65	21.00
	DFT-s-OFDM 256QAM	1	1	18.34	18.36	18.23	19.00
	CP-OFDM QPSK	1	1	21.10	21.04	20.97	22.00
	CP-OFDM 16QAM	1	1	20.64	20.78	20.70	21.50
	CP-OFDM 64QAM	1	1	19.00	19.09	19.03	20.00
	CP-OFDM 256QAM	1	1	15.79	15.81	15.79	17.00

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NR (EN-DC) n66 N66-ANT4-LEVEL4&5&6		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.22	22.23	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.33	22.41	21.94	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.13	22.18	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.27	22.31	21.89	23.50
		1	53	22.31	22.28	22.27	23.50
		1	104	22.41	22.01	22.12	23.50
	DFT-s-OFDM BPSK	50	0	22.08	22.01	21.94	23.50
		50	28	22.15	22.27	22.37	23.50
		50	56	21.68	21.81	21.93	23.50
	DFT-s-OFDM BPSK	100	0	21.84	21.96	21.97	23.50
	DFT-s-OFDM QPSK	1	1	22.24	22.32	22.33	23.50
	DFT-s-OFDM 16QAM	1	1	21.16	21.23	21.38	22.50
	DFT-s-OFDM 64QAM	1	1	19.80	19.79	19.65	21.00
	DFT-s-OFDM 256QAM	1	1	18.34	18.36	18.23	19.00
	CP-OFDM QPSK	1	1	21.10	21.04	20.97	22.00
	CP-OFDM 16QAM	1	1	20.64	20.78	20.70	21.50
	CP-OFDM 64QAM	1	1	19.00	19.09	19.03	20.00
	CP-OFDM 256QAM	1	1	15.79	15.81	15.79	17.00

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1.5.3 NR(SA) Mode

Antenna 0:

NR (SA) n5 N5-ANT0 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				165300/ 826.5	167300/ 836.5	169300/ 846.5	
5	DFT-s-OFDM BPSK	1	1	23.32	23.33	23.27	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				165800/ 829	167300/ 836.5	168800/ 844	
10	DFT-s-OFDM BPSK	1	1	23.11	23.52	23.48	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166300/ 831.5	167300/ 836.5	168300/ 841.5	
15	DFT-s-OFDM BPSK	1	1	23.39	23.52	23.41	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166800/ 834	167300/ 836.5	167800/ 839	
20	DFT-s-OFDM BPSK	1	1	23.34	23.45	23.43	24.80
		1	53	23.42	23.44	23.56	24.80
		1	104	23.35	23.28	23.32	24.80
	DFT-s-OFDM BPSK	50	0	23.25	23.45	23.46	24.80
		50	28	23.31	23.45	23.50	24.80
		50	56	23.47	23.30	23.55	24.80
	DFT-s-OFDM BPSK	100	0	23.23	23.34	23.44	24.80
	DFT-s-OFDM QPSK	1	1	23.23	23.39	23.37	24.80
	DFT-s-OFDM 16QAM	1	1	21.94	22.16	22.03	23.80
	DFT-s-OFDM 64QAM	1	1	20.74	20.68	20.56	22.30
	DFT-s-OFDM 256QAM	1	1	19.21	19.25	19.21	20.30
	CP-OFDM QPSK	1	1	21.91	21.93	21.71	23.30
	CP-OFDM 16QAM	1	1	21.58	21.67	21.74	22.80
	CP-OFDM 64QAM	1	1	20.03	19.97	19.93	21.30
	CP-OFDM 256QAM	1	1	19.19	19.25	19.25	19.80

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NR (SA) n5 N5-ANT0-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				165300/ 826.5	167300/ 836.5	169300/ 846.5	
5	DFT-s-OFDM BPSK	1	1	23.32	23.33	23.27	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				165800/ 829	167300/ 836.5	168800/ 844	
10	DFT-s-OFDM BPSK	1	1	23.11	23.52	23.48	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166300/ 831.5	167300/ 836.5	168300/ 841.5	
15	DFT-s-OFDM BPSK	1	1	23.39	23.52	23.41	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166800/ 834	167300/ 836.5	167800/ 839	
20	DFT-s-OFDM BPSK	1	1	23.34	23.45	23.43	24.80
		1	53	23.42	23.44	23.56	24.80
		1	104	23.35	23.28	23.32	24.80
	DFT-s-OFDM BPSK	50	0	23.25	23.45	23.46	24.80
		50	28	23.31	23.45	23.50	24.80
		50	56	23.47	23.30	23.55	24.80
	DFT-s-OFDM BPSK	100	0	23.23	23.34	23.44	24.80
	DFT-s-OFDM QPSK	1	1	23.23	23.39	23.37	24.80
	DFT-s-OFDM 16QAM	1	1	21.94	22.16	22.03	23.80
	DFT-s-OFDM 64QAM	1	1	20.74	20.68	20.56	22.30
	DFT-s-OFDM 256QAM	1	1	19.21	19.25	19.21	20.30
	CP-OFDM QPSK	1	1	21.91	21.93	21.71	23.30
	CP-OFDM 16QAM	1	1	21.58	21.67	21.74	22.80
	CP-OFDM 64QAM	1	1	20.03	19.97	19.93	21.30
	CP-OFDM 256QAM	1	1	19.19	19.25	19.25	19.80

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NR (SA) n5 N5-ANT0-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				165300/ 826.5	167300/ 836.5	169300/ 846.5	
5	DFT-s-OFDM BPSK	1	1	23.32	23.33	23.27	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				165800/ 829	167300/ 836.5	168800/ 844	
10	DFT-s-OFDM BPSK	1	1	23.11	23.52	23.48	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166300/ 831.5	167300/ 836.5	168300/ 841.5	
15	DFT-s-OFDM BPSK	1	1	23.39	23.52	23.41	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166800/ 834	167300/ 836.5	167800/ 839	
20	DFT-s-OFDM BPSK	1	1	23.34	23.45	23.43	24.80
		1	53	23.42	23.44	23.56	24.80
		1	104	23.35	23.28	23.32	24.80
	DFT-s-OFDM BPSK	50	0	23.25	23.45	23.46	24.80
		50	28	23.31	23.45	23.50	24.80
		50	56	23.47	23.30	23.55	24.80
	DFT-s-OFDM BPSK	100	0	23.23	23.34	23.44	24.80
	DFT-s-OFDM QPSK	1	1	23.23	23.39	23.37	24.80
	DFT-s-OFDM 16QAM	1	1	21.94	22.16	22.03	23.80
	DFT-s-OFDM 64QAM	1	1	20.74	20.68	20.56	22.30
	DFT-s-OFDM 256QAM	1	1	19.21	19.25	19.21	20.30
	CP-OFDM QPSK	1	1	21.91	21.93	21.71	23.30
	CP-OFDM 16QAM	1	1	21.58	21.67	21.74	22.80
	CP-OFDM 64QAM	1	1	20.03	19.97	19.93	21.30
	CP-OFDM 256QAM	1	1	19.19	19.25	19.25	19.80

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NR (SA) n5 N5-ANT0-LEVEL4&5&6		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				165300/ 826.5	167300/ 836.5	169300/ 846.5	
5	DFT-s-OFDM BPSK	1	1	23.32	23.33	23.27	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				165800/ 829	167300/ 836.5	168800/ 844	
10	DFT-s-OFDM BPSK	1	1	23.11	23.52	23.48	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166300/ 831.5	167300/ 836.5	168300/ 841.5	
15	DFT-s-OFDM BPSK	1	1	23.39	23.52	23.41	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166800/ 834	167300/ 836.5	167800/ 839	
20	DFT-s-OFDM BPSK	1	1	23.34	23.45	23.43	24.80
		1	53	23.42	23.44	23.56	24.80
		1	104	23.35	23.28	23.32	24.80
	DFT-s-OFDM BPSK	50	0	23.25	23.45	23.46	24.80
		50	28	23.31	23.45	23.50	24.80
		50	56	23.47	23.30	23.55	24.80
	DFT-s-OFDM BPSK	100	0	23.23	23.34	23.44	24.80
	DFT-s-OFDM QPSK	1	1	23.23	23.39	23.37	24.80
	DFT-s-OFDM 16QAM	1	1	21.94	22.16	22.03	23.80
	DFT-s-OFDM 64QAM	1	1	20.74	20.68	20.56	22.30
	DFT-s-OFDM 256QAM	1	1	19.21	19.25	19.21	20.30
	CP-OFDM QPSK	1	1	21.91	21.93	21.71	23.30
	CP-OFDM 16QAM	1	1	21.58	21.67	21.74	22.80
	CP-OFDM 64QAM	1	1	20.03	19.97	19.93	21.30
	CP-OFDM 256QAM	1	1	19.19	19.25	19.25	19.80

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NR (SA) n7 N7-ANT0 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	22.85	22.64	22.47	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	22.74	22.55	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	22.69	22.39	22.43	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	22.83	22.62	22.63	24.00
		1	53	22.93	22.64	22.53	24.00
		1	104	22.58	22.68	22.34	24.00
	DFT-s-OFDM BPSK	50	0	22.79	22.47	22.64	24.00
		50	28	22.90	22.75	22.51	24.00
		50	56	22.83	22.60	22.60	24.00
	DFT-s-OFDM BPSK	100	0	22.74	22.64	22.51	24.00
	DFT-s-OFDM QPSK	1	1	22.57	22.57	22.43	24.00
	DFT-s-OFDM 16QAM	1	1	21.12	21.33	21.27	23.00
	DFT-s-OFDM 64QAM	1	1	19.70	19.86	19.74	21.50
	DFT-s-OFDM 256QAM	1	1	18.54	18.48	18.54	19.50
	CP-OFDM QPSK	1	1	21.10	21.10	20.89	22.50
	CP-OFDM 16QAM	1	1	20.75	20.85	20.70	22.00
	CP-OFDM 64QAM	1	1	19.15	19.21	19.09	20.50
	CP-OFDM 256QAM	1	1	15.78	15.89	15.73	17.50

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NR (SA) n7 N7-ANT0-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	22.85	22.64	22.47	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	22.74	22.55	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	22.69	22.39	22.43	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	22.83	22.62	22.63	24.00
		1	53	22.93	22.64	22.53	24.00
		1	104	22.58	22.68	22.34	24.00
	DFT-s-OFDM BPSK	50	0	22.79	22.47	22.64	24.00
		50	28	22.90	22.75	22.51	24.00
		50	56	22.83	22.60	22.60	24.00
	DFT-s-OFDM BPSK	100	0	22.74	22.64	22.51	24.00
	DFT-s-OFDM QPSK	1	1	22.57	22.57	22.43	24.00
	DFT-s-OFDM 16QAM	1	1	21.12	21.33	21.27	23.00
	DFT-s-OFDM 64QAM	1	1	19.70	19.86	19.74	21.50
	DFT-s-OFDM 256QAM	1	1	18.54	18.48	18.54	19.50
	CP-OFDM QPSK	1	1	21.10	21.10	20.89	22.50
	CP-OFDM 16QAM	1	1	20.75	20.85	20.70	22.00
	CP-OFDM 64QAM	1	1	19.15	19.21	19.09	20.50
	CP-OFDM 256QAM	1	1	15.78	15.89	15.73	17.50

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NR (SA) n7 N7-ANT0-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	22.85	22.64	22.47	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	22.74	22.55	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	22.69	22.39	22.43	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	22.83	22.62	22.63	24.00
		1	53	22.93	22.64	22.53	24.00
		1	104	22.58	22.68	22.34	24.00
	DFT-s-OFDM BPSK	50	0	22.79	22.47	22.64	24.00
		50	28	22.90	22.75	22.51	24.00
		50	56	22.83	22.60	22.60	24.00
	DFT-s-OFDM BPSK	100	0	22.74	22.64	22.51	24.00
	DFT-s-OFDM QPSK	1	1	22.57	22.57	22.43	24.00
	DFT-s-OFDM 16QAM	1	1	21.12	21.33	21.27	23.00
	DFT-s-OFDM 64QAM	1	1	19.70	19.86	19.74	21.50
	DFT-s-OFDM 256QAM	1	1	18.54	18.48	18.54	19.50
	CP-OFDM QPSK	1	1	21.10	21.10	20.89	22.50
	CP-OFDM 16QAM	1	1	20.75	20.85	20.70	22.00
	CP-OFDM 64QAM	1	1	19.15	19.21	19.09	20.50
	CP-OFDM 256QAM	1	1	15.78	15.89	15.73	17.50

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NR (SA) n7 N7-ANT0-LEVEL4&5&6		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	22.12	22.28	22.12	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	22.27	22.12	22.22	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	22.23	22.38	22.30	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	22.22	22.25	22.28	23.50
		1	53	22.42	22.46	22.57	23.50
		1	104	22.19	22.28	22.24	23.50
	DFT-s-OFDM BPSK	50	0	21.98	21.92	21.96	23.50
		50	28	22.37	22.50	22.36	23.50
		50	56	21.84	21.97	21.89	23.50
	DFT-s-OFDM BPSK	100	0	22.00	21.95	21.89	23.50
	DFT-s-OFDM QPSK	1	1	22.29	22.28	22.20	23.50
	DFT-s-OFDM 16QAM	1	1	21.34	21.24	21.42	23.00
	DFT-s-OFDM 64QAM	1	1	19.81	19.96	19.78	21.50
	DFT-s-OFDM 256QAM	1	1	18.04	18.18	18.11	19.50
	CP-OFDM QPSK	1	1	20.92	20.79	20.77	22.50
	CP-OFDM 16QAM	1	1	20.41	20.53	20.64	22.00
	CP-OFDM 64QAM	1	1	18.99	18.89	19.01	20.50
	CP-OFDM 256QAM	1	1	15.61	15.57	15.64	17.50

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NR (SA) n38 N38-ANT0 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	22.24	22.37	22.54	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	22.30	22.56	22.66	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	
20	DFT-s-OFDM BPSK	1	1	22.26	22.51	22.68	24.00
		1	25	22.22	22.41	22.60	24.00
		1	49	22.51	22.65	22.56	24.00
	DFT-s-OFDM BPSK	25	0	22.37	22.55	22.57	24.00
		25	12	22.28	22.45	22.51	24.00
		25	25	22.65	22.74	22.63	24.00
	DFT-s-OFDM BPSK	50	0	22.31	22.65	22.60	23.00
	DFT-s-OFDM QPSK	1	1	22.28	22.50	22.50	24.00
	DFT-s-OFDM 16QAM	1	1	21.17	21.25	21.29	23.00
	DFT-s-OFDM 64QAM	1	1	19.78	19.78	19.62	21.50
	DFT-s-OFDM 256QAM	1	1	18.31	18.40	18.27	19.50
	CP-OFDM QPSK	1	1	21.04	21.04	20.83	22.50
	CP-OFDM 16QAM	1	1	20.74	20.80	20.78	22.00
	CP-OFDM 64QAM	1	1	18.98	19.13	19.09	20.50
	CP-OFDM 256QAM	1	1	15.68	15.84	15.71	17.50

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NR (SA) n38 N38-ANT0-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	22.24	22.37	22.54	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	22.30	22.56	22.66	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	
20	DFT-s-OFDM BPSK	1	1	22.26	22.51	22.68	24.00
		1	25	22.22	22.41	22.60	24.00
		1	49	22.51	22.65	22.56	24.00
	DFT-s-OFDM BPSK	25	0	22.37	22.55	22.57	24.00
		25	12	22.28	22.45	22.51	24.00
		25	25	22.65	22.74	22.63	24.00
	DFT-s-OFDM BPSK	50	0	22.31	22.65	22.60	23.00
	DFT-s-OFDM QPSK	1	1	22.28	22.50	22.50	24.00
	DFT-s-OFDM 16QAM	1	1	21.17	21.25	21.29	23.00
	DFT-s-OFDM 64QAM	1	1	19.78	19.78	19.62	21.50
	DFT-s-OFDM 256QAM	1	1	18.31	18.40	18.27	19.50
	CP-OFDM QPSK	1	1	21.04	21.04	20.83	22.50
	CP-OFDM 16QAM	1	1	20.74	20.80	20.78	22.00
	CP-OFDM 64QAM	1	1	18.98	19.13	19.09	20.50
	CP-OFDM 256QAM	1	1	15.68	15.84	15.71	17.50

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NR (SA) n38 N38-ANT0-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	22.24	22.37	22.54	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	22.30	22.56	22.66	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	
20	DFT-s-OFDM BPSK	1	1	22.26	22.51	22.68	24.00
		1	25	22.22	22.41	22.60	24.00
		1	49	22.51	22.65	22.56	24.00
	DFT-s-OFDM BPSK	25	0	22.37	22.55	22.57	24.00
		25	12	22.28	22.45	22.51	24.00
		25	25	22.65	22.74	22.63	24.00
	DFT-s-OFDM BPSK	50	0	22.31	22.65	22.60	23.00
	DFT-s-OFDM QPSK	1	1	22.28	22.50	22.50	24.00
	DFT-s-OFDM 16QAM	1	1	21.17	21.25	21.29	23.00
	DFT-s-OFDM 64QAM	1	1	19.78	19.78	19.62	21.50
	DFT-s-OFDM 256QAM	1	1	18.31	18.40	18.27	19.50
	CP-OFDM QPSK	1	1	21.04	21.04	20.83	22.50
	CP-OFDM 16QAM	1	1	20.74	20.80	20.78	22.00
	CP-OFDM 64QAM	1	1	18.98	19.13	19.09	20.50
	CP-OFDM 256QAM	1	1	15.68	15.84	15.71	17.50

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NR (SA) n38 N38-ANT0-LEVEL4&5&6		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	21.63	21.60	21.68	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	21.62	21.73	21.61	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	
20	DFT-s-OFDM BPSK	1	1	21.73	21.65	21.54	22.50
		1	25	22.00	21.87	21.72	22.50
		1	49	21.77	21.65	21.66	22.50
	DFT-s-OFDM BPSK	25	0	21.95	21.88	21.74	22.50
		25	12	21.77	21.83	21.78	22.50
		25	25	21.80	21.85	21.97	22.50
	DFT-s-OFDM BPSK	50	0	21.75	21.81	21.89	22.50
	DFT-s-OFDM QPSK	1	1	21.64	21.62	21.76	22.50
	DFT-s-OFDM 16QAM	1	1	20.88	20.91	21.04	22.50
	DFT-s-OFDM 64QAM	1	1	19.67	19.82	19.88	21.50
	DFT-s-OFDM 256QAM	1	1	18.02	18.09	18.12	19.50
	CP-OFDM QPSK	1	1	20.60	20.69	20.64	22.50
	CP-OFDM 16QAM	1	1	20.57	20.45	20.44	22.00
	CP-OFDM 64QAM	1	1	18.85	18.82	18.76	20.50
	CP-OFDM 256QAM	1	1	15.74	15.99	15.83	17.50

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NR (SA) n41 N41-ANT0 Full power		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	22.26	22.16	21.86	22.01	21.92	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	22.28	22.01	22.01	22.09	21.98	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	
20	DFT-s-OFDM BPSK	1	1	22.32	21.88	21.99	22.06	21.87	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	22.24	21.98	21.94	22.08	21.87	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	22.08	21.96	21.99	21.92	21.94	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	
60	DFT-s-OFDM BPSK	1	1	22.17	21.92	22.03	21.87	21.90	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	22.24	21.99	21.79	22.13	22.01	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	
90	DFT-s-OFDM BPSK	1	1	22.21	21.96	22.08	21.93	21.76	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	22.28	22.35	22.01	22.28	21.94	23.50
		1	137	22.23	22.12	22.13	22.22	21.93	23.50
		1	271	21.98	22.03	22.39	22.06	22.47	23.50
	DFT-s-OFDM BPSK	135	0	22.42	22.27	22.11	22.38	21.87	23.50
		135	69	22.19	22.04	22.19	22.25	22.07	23.50
		135	138	21.92	22.14	22.24	22.14	22.47	23.50

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	DFT-s-OFDM BPSK	270	0	22.15	22.37	22.04	22.36	22.01	23.50
	DFT-s-OFDM QPSK	1	1	21.73	21.64	21.95	21.67	21.91	23.50
	DFT-s-OFDM 16QAM	1	1	20.51	20.62	20.72	20.55	20.66	22.50
	DFT-s-OFDM 64QAM	1	1	19.21	19.35	19.25	19.12	19.19	21.00
	DFT-s-OFDM 256QAM	1	1	17.99	17.86	18.03	17.86	18.07	19.00
	CP-OFDM QPSK	1	1	20.44	20.43	20.50	20.36	20.42	22.00
	CP-OFDM 16QAM	1	1	20.07	20.02	20.21	20.01	20.07	21.50
	CP-OFDM 64QAM	1	1	18.70	18.73	18.72	18.78	18.76	20.00
	CP-OFDM 256QAM	1	1	15.32	15.36	15.38	15.36	15.32	17.00

NR (SA) n41 N41-ANT0 -LEVEL1		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	22.26	22.16	21.86	22.01	21.92	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	22.28	22.01	22.01	22.09	21.98	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	
20	DFT-s-OFDM BPSK	1	1	22.32	21.88	21.99	22.06	21.87	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	22.24	21.98	21.94	22.08	21.87	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	22.08	21.96	21.99	21.92	21.94	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	
60	DFT-s-OFDM BPSK	1	1	22.17	21.92	22.03	21.87	21.90	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	22.24	21.99	21.79	22.13	22.01	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	

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90	DFT-s-OFDM BPSK	1	1	22.21	21.96	22.08	21.93	21.76	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	22.28	22.35	22.01	22.28	21.94	23.50
		1	137	22.23	22.12	22.13	22.22	21.93	23.50
		1	271	21.98	22.03	22.39	22.06	22.47	23.50
	DFT-s-OFDM BPSK	135	0	22.42	22.27	22.11	22.38	21.87	23.50
		135	69	22.19	22.04	22.19	22.25	22.07	23.50
		135	138	21.92	22.14	22.24	22.14	22.47	23.50
	DFT-s-OFDM BPSK	270	0	22.15	22.37	22.04	22.36	22.01	23.50
	DFT-s-OFDM QPSK	1	1	21.73	21.64	21.95	21.67	21.91	23.50
	DFT-s-OFDM 16QAM	1	1	20.51	20.62	20.72	20.55	20.66	22.50
	DFT-s-OFDM 64QAM	1	1	19.21	19.35	19.25	19.12	19.19	21.00
	DFT-s-OFDM 256QAM	1	1	17.99	17.86	18.03	17.86	18.07	19.00
	CP-OFDM QPSK	1	1	20.44	20.43	20.50	20.36	20.42	22.00
	CP-OFDM 16QAM	1	1	20.07	20.02	20.21	20.01	20.07	21.50
	CP-OFDM 64QAM	1	1	18.70	18.73	18.72	18.78	18.76	20.00
	CP-OFDM 256QAM	1	1	15.32	15.36	15.38	15.36	15.32	17.00

NR (SA) n41 N41-ANT0 -LEVEL2&3		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	22.26	22.16	21.86	22.01	21.92	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	22.28	22.01	22.01	22.09	21.98	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	
20	DFT-s-OFDM BPSK	1	1	22.32	21.88	21.99	22.06	21.87	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	22.24	21.98	21.94	22.08	21.87	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	22.08	21.96	21.99	21.92	21.94	23.50
Bandwidth(MHz)	Modulation	RB size	RB	Channel/Frequency(MHz)					Tune-up

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			offset	505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	Limit (dBm)
60	DFT-s-OFDM BPSK	1	1	22.17	21.92	22.03	21.87	21.90	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	22.24	21.99	21.79	22.13	22.01	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	
90	DFT-s-OFDM BPSK	1	1	22.21	21.96	22.08	21.93	21.76	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	22.28	22.35	22.01	22.28	21.94	23.50
		1	137	22.23	22.12	22.13	22.22	21.93	23.50
		1	271	21.98	22.03	22.39	22.06	22.47	23.50
	DFT-s-OFDM BPSK	135	0	22.42	22.27	22.11	22.38	21.87	23.50
		135	69	22.19	22.04	22.19	22.25	22.07	23.50
		135	138	21.92	22.14	22.24	22.14	22.47	23.50
	DFT-s-OFDM BPSK	270	0	22.15	22.37	22.04	22.36	22.01	23.50
	DFT-s-OFDM QPSK	1	1	21.73	21.64	21.95	21.67	21.91	23.50
	DFT-s-OFDM 16QAM	1	1	20.51	20.62	20.72	20.55	20.66	22.50
	DFT-s-OFDM 64QAM	1	1	19.21	19.35	19.25	19.12	19.19	21.00
	DFT-s-OFDM 256QAM	1	1	17.99	17.86	18.03	17.86	18.07	19.00
	CP-OFDM QPSK	1	1	20.44	20.43	20.50	20.36	20.42	22.00
	CP-OFDM 16QAM	1	1	20.07	20.02	20.21	20.01	20.07	21.50
	CP-OFDM 64QAM	1	1	18.70	18.73	18.72	18.78	18.76	20.00
	CP-OFDM 256QAM	1	1	15.32	15.36	15.38	15.36	15.32	17.00

NR (SA) n41 N41-ANT0 -LEVEL4&5&6				Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	20.81	20.78	20.90	20.82	20.65	22.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	20.95	20.69	20.69	20.78	20.85	22.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	

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20	DFT-s-OFDM BPSK	1	1	20.74	20.90	20.81	20.67	20.91	22.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	20.89	20.87	20.66	20.71	20.68	22.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	20.66	20.66	20.83	20.66	20.72	22.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	
60	DFT-s-OFDM BPSK	1	1	20.91	20.65	20.86	20.91	20.86	22.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	20.85	20.87	20.81	20.75	20.75	22.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	
90	DFT-s-OFDM BPSK	1	1	20.68	20.77	20.88	20.84	20.66	22.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	20.94	20.66	20.80	20.73	20.93	22.00
		1	137	21.56	21.47	21.53	21.55	21.57	22.00
		1	271	20.99	20.90	20.88	20.84	20.81	22.00
	DFT-s-OFDM BPSK	135	0	21.19	21.19	21.27	21.17	21.26	22.00
		135	69	21.63	21.60	21.56	21.53	21.50	22.00
		135	138	21.30	21.32	21.45	21.47	21.54	22.00
	DFT-s-OFDM BPSK	270	0	21.27	21.48	21.38	21.47	21.50	22.00
	DFT-s-OFDM QPSK	1	1	20.77	20.90	20.82	20.72	20.90	22.00
	DFT-s-OFDM 16QAM	1	1	20.50	20.58	20.62	20.47	20.67	22.00
	DFT-s-OFDM 64QAM	1	1	19.03	19.02	19.13	19.19	19.20	21.00
	DFT-s-OFDM 256QAM	1	1	17.90	17.98	17.89	17.85	17.93	19.00
	CP-OFDM QPSK	1	1	20.52	20.36	20.40	20.41	20.36	22.00
	CP-OFDM 16QAM	1	1	20.00	20.19	20.12	20.23	20.20	21.50
	CP-OFDM 64QAM	1	1	18.53	18.56	18.62	18.48	18.57	20.00
	CP-OFDM 256QAM	1	1	15.19	15.15	15.27	15.30	15.40	17.00

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NR (SA) n66 N66-ANT0 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.61	22.73	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.50	22.82	22.57	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.68	22.73	22.59	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.70	22.96	22.68	24.00
		1	53	22.94	22.65	22.93	24.00
		1	104	22.99	22.73	22.93	24.00
	DFT-s-OFDM BPSK	50	0	23.05	22.86	22.99	24.00
		50	28	23.06	22.81	22.82	24.00
		50	56	22.95	22.82	22.91	24.00
	DFT-s-OFDM BPSK	100	0	23.02	22.82	23.05	24.00
	DFT-s-OFDM QPSK	1	1	22.75	22.96	23.01	24.00
	DFT-s-OFDM 16QAM	1	1	21.83	21.87	21.80	23.00
	DFT-s-OFDM 64QAM	1	1	20.22	20.42	20.26	21.50
	DFT-s-OFDM 256QAM	1	1	18.87	18.98	19.02	19.50
	CP-OFDM QPSK	1	1	21.58	21.64	21.70	22.50
	CP-OFDM 16QAM	1	1	21.34	21.40	21.25	22.00
	CP-OFDM 64QAM	1	1	19.73	19.69	19.61	20.50
	CP-OFDM 256QAM	1	1	16.35	16.45	16.50	17.50

NR (SA) n66 N66-ANT0-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.61	22.73	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	

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10	DFT-s-OFDM BPSK	1	1	22.50	22.82	22.57	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.68	22.73	22.59	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.70	22.96	22.68	24.00
		1	53	22.94	22.65	22.93	24.00
		1	104	22.99	22.73	22.93	24.00
	DFT-s-OFDM BPSK	50	0	23.05	22.86	22.99	24.00
		50	28	23.06	22.81	22.82	24.00
		50	56	22.95	22.82	22.91	24.00
	DFT-s-OFDM BPSK	100	0	23.02	22.82	23.05	24.00
	DFT-s-OFDM QPSK	1	1	22.75	22.96	23.01	24.00
	DFT-s-OFDM 16QAM	1	1	21.83	21.87	21.80	23.00
	DFT-s-OFDM 64QAM	1	1	20.22	20.42	20.26	21.50
	DFT-s-OFDM 256QAM	1	1	18.87	18.98	19.02	19.50
	CP-OFDM QPSK	1	1	21.58	21.64	21.70	22.50
	CP-OFDM 16QAM	1	1	21.34	21.40	21.25	22.00
	CP-OFDM 64QAM	1	1	19.73	19.69	19.61	20.50
	CP-OFDM 256QAM	1	1	16.35	16.45	16.50	17.50

NR (SA) n66 N66-ANT0-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.61	22.73	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.50	22.82	22.57	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.68	22.73	22.59	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.70	22.96	22.68	24.00
		1	53	22.94	22.65	22.93	24.00

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		1	104	22.99	22.73	22.93	24.00
	DFT-s-OFDM BPSK	50	0	23.05	22.86	22.99	24.00
		50	28	23.06	22.81	22.82	24.00
		50	56	22.95	22.82	22.91	24.00
	DFT-s-OFDM BPSK	100	0	23.02	22.82	23.05	24.00
	DFT-s-OFDM QPSK	1	1	22.75	22.96	23.01	24.00
	DFT-s-OFDM 16QAM	1	1	21.83	21.87	21.80	23.00
	DFT-s-OFDM 64QAM	1	1	20.22	20.42	20.26	21.50
	DFT-s-OFDM 256QAM	1	1	18.87	18.98	19.02	19.50
	CP-OFDM QPSK	1	1	21.58	21.64	21.70	22.50
	CP-OFDM 16QAM	1	1	21.34	21.40	21.25	22.00
	CP-OFDM 64QAM	1	1	19.73	19.69	19.61	20.50
	CP-OFDM 256QAM	1	1	16.35	16.45	16.50	17.50

NR (SA) n66 N66-ANT0-LEVEL4&5&6		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.49	22.31	22.51	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.46	22.48	22.37	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.37	22.32	22.36	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.34	22.33	22.40	23.00
		1	53	22.54	22.39	22.48	23.00
		1	104	22.28	22.23	22.21	23.00
	DFT-s-OFDM BPSK	50	0	22.61	22.55	22.62	23.00
		50	28	22.51	22.48	22.42	23.00
		50	56	22.50	22.50	22.38	23.00
	DFT-s-OFDM BPSK	100	0	22.59	22.48	22.42	23.00
	DFT-s-OFDM QPSK	1	1	22.25	22.32	22.17	23.00
	DFT-s-OFDM 16QAM	1	1	21.49	21.52	21.58	23.00
	DFT-s-OFDM 64QAM	1	1	20.16	20.13	20.09	21.50
	DFT-s-OFDM 256QAM	1	1	18.61	18.74	18.87	19.50
	CP-OFDM QPSK	1	1	21.44	21.34	21.28	22.50

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	CP-OFDM 16QAM	1	1	21.17	21.12	21.05	22.00
	CP-OFDM 64QAM	1	1	19.33	19.41	19.28	20.50
	CP-OFDM 256QAM	1	1	16.07	16.14	16.11	17.50

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Antenna 1:

NR (SA) n5 N5-ANT1 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				165300/ 826.5	167300/ 836.5	169300/ 846.5	
5	DFT-s-OFDM BPSK	1	1	23.13	23.07	23.28	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				165800/ 829	167300/ 836.5	168800/ 844	
10	DFT-s-OFDM BPSK	1	1	23.27	23.30	23.12	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166300/ 831.5	167300/ 836.5	168300/ 841.5	
15	DFT-s-OFDM BPSK	1	1	23.18	23.37	23.30	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166800/ 834	167300/ 836.5	167800/ 839	
20	DFT-s-OFDM BPSK	1	1	23.20	23.30	23.28	24.80
		1	53	23.09	23.22	23.11	24.80
		1	104	23.26	23.12	23.19	24.80
	DFT-s-OFDM BPSK	50	0	22.85	22.93	22.90	24.80
		50	28	23.69	23.55	23.46	24.80
		50	56	22.81	22.91	23.05	24.80
	DFT-s-OFDM BPSK	100	0	22.93	22.97	22.87	24.80
	DFT-s-OFDM QPSK	1	1	23.06	23.29	23.24	24.80
	DFT-s-OFDM 16QAM	1	1	21.98	22.00	21.82	23.80
	DFT-s-OFDM 64QAM	1	1	20.59	20.57	20.59	22.30
	DFT-s-OFDM 256QAM	1	1	19.05	19.13	19.09	20.30
	CP-OFDM QPSK	1	1	21.84	21.77	21.64	23.30
	CP-OFDM 16QAM	1	1	21.52	21.58	21.52	22.80
	CP-OFDM 64QAM	1	1	19.63	19.83	19.83	21.30
	CP-OFDM 256QAM	1	1	16.48	16.55	16.45	18.30

NR (SA) n5 N5-ANT1-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				165300/ 826.5	167300/ 836.5	169300/ 846.5	
5	DFT-s-OFDM BPSK	1	1	20.75	20.66	20.58	21.30
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				165800/ 829	167300/ 836.5	168800/ 844	

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10	DFT-s-OFDM BPSK	1	1	20.77	20.94	20.66	21.30
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166300/ 831.5	167300/ 836.5	168300/ 841.5	
15	DFT-s-OFDM BPSK	1	1	20.82	20.94	20.78	21.30
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166800/ 834	167300/ 836.5	167800/ 839	
20	DFT-s-OFDM BPSK	1	1	20.74	20.80	20.67	21.30
		1	53	20.69	20.94	20.75	21.30
		1	104	20.73	20.92	20.71	21.30
	DFT-s-OFDM BPSK	50	0	20.98	20.88	20.97	21.30
		50	28	20.91	21.00	21.06	21.30
		50	56	20.90	20.94	20.95	21.30
	DFT-s-OFDM BPSK	100	0	21.03	20.96	21.02	21.30
	DFT-s-OFDM QPSK	1	1	20.66	20.71	20.74	21.30
	DFT-s-OFDM 16QAM	1	1	20.59	20.52	20.47	21.30
	DFT-s-OFDM 64QAM	1	1	20.58	20.52	20.37	21.30
	DFT-s-OFDM 256QAM	1	1	19.16	19.07	18.93	20.30
	CP-OFDM QPSK	1	1	20.78	20.75	20.90	21.30
	CP-OFDM 16QAM	1	1	19.93	20.02	20.17	21.30
	CP-OFDM 64QAM	1	1	19.90	19.80	19.82	21.30
	CP-OFDM 256QAM	1	1	16.34	16.49	16.52	18.30

NR (SA) n5 N5-ANT1-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				165300/ 826.5	167300/ 836.5	169300/ 846.5	
5	DFT-s-OFDM BPSK	1	1	18.73	18.72	18.65	19.30
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				165800/ 829	167300/ 836.5	168800/ 844	
10	DFT-s-OFDM BPSK	1	1	18.73	18.71	18.70	19.30
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166300/ 831.5	167300/ 836.5	168300/ 841.5	
15	DFT-s-OFDM BPSK	1	1	18.69	18.57	18.45	19.30
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166800/ 834	167300/ 836.5	167800/ 839	
20	DFT-s-OFDM BPSK	1	1	18.71	18.69	18.55	19.30
		1	53	18.89	18.90	18.98	19.30

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		1	104	18.71	18.72	18.73	19.30
	DFT-s-OFDM BPSK	50	0	18.64	18.75	18.65	19.30
		50	28	19.02	18.89	18.86	19.30
		50	56	18.81	18.80	18.78	19.30
	DFT-s-OFDM BPSK	100	0	18.88	18.83	18.83	19.30
	DFT-s-OFDM QPSK	1	1	18.71	18.63	18.63	19.30
	DFT-s-OFDM 16QAM	1	1	18.55	18.45	18.58	19.30
	DFT-s-OFDM 64QAM	1	1	18.39	18.49	18.47	19.30
	DFT-s-OFDM 256QAM	1	1	18.90	19.04	18.90	19.30
	CP-OFDM QPSK	1	1	17.60	17.65	17.53	19.30
	CP-OFDM 16QAM	1	1	18.81	18.94	18.99	19.30
	CP-OFDM 64QAM	1	1	18.79	18.75	18.84	19.30
	CP-OFDM 256QAM	1	1	16.55	16.48	16.56	18.30

NR (SA) n5 N5-ANT1-LEVEL4&5&6-Sensor on		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				165300/ 826.5	167300/ 836.5	169300/ 846.5	
5	DFT-s-OFDM BPSK	1	1	23.13	23.07	23.28	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				165800/ 829	167300/ 836.5	168800/ 844	
10	DFT-s-OFDM BPSK	1	1	23.27	23.30	23.12	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166300/ 831.5	167300/ 836.5	168300/ 841.5	
15	DFT-s-OFDM BPSK	1	1	23.18	23.37	23.30	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166800/ 834	167300/ 836.5	167800/ 839	
20	DFT-s-OFDM BPSK	1	1	23.20	23.30	23.28	24.80
		1	53	23.09	23.22	23.11	24.80
		1	104	23.26	23.12	23.19	24.80
	DFT-s-OFDM BPSK	50	0	22.85	22.93	22.90	24.80
		50	28	23.69	23.55	23.46	24.80
		50	56	22.81	22.91	23.05	24.80
	DFT-s-OFDM BPSK	100	0	22.93	22.97	22.87	24.80
	DFT-s-OFDM QPSK	1	1	23.06	23.29	23.24	24.80
	DFT-s-OFDM 16QAM	1	1	21.98	22.00	21.82	23.80
	DFT-s-OFDM 64QAM	1	1	20.59	20.57	20.59	22.30
	DFT-s-OFDM 256QAM	1	1	19.05	19.13	19.09	20.30
	CP-OFDM QPSK	1	1	21.84	21.77	21.64	23.30

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	CP-OFDM 16QAM	1	1	21.52	21.58	21.52	22.80
	CP-OFDM 64QAM	1	1	19.63	19.83	19.83	21.30
	CP-OFDM 256QAM	1	1	16.48	16.55	16.45	18.30

NR (SA) n5 N5-ANT1-LEVEL4&5&6-Sensor off		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				165300/ 826.5	167300/ 836.5	169300/ 846.5	
5	DFT-s-OFDM BPSK	1	1	23.13	23.07	23.28	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				165800/ 829	167300/ 836.5	168800/ 844	
10	DFT-s-OFDM BPSK	1	1	23.27	23.30	23.12	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166300/ 831.5	167300/ 836.5	168300/ 841.5	
15	DFT-s-OFDM BPSK	1	1	23.18	23.37	23.30	24.80
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				166800/ 834	167300/ 836.5	167800/ 839	
20	DFT-s-OFDM BPSK	1	1	23.20	23.30	23.28	24.80
		1	53	23.09	23.22	23.11	24.80
		1	104	23.26	23.12	23.19	24.80
	DFT-s-OFDM BPSK	50	0	22.85	22.93	22.90	24.80
		50	28	23.69	23.55	23.46	24.80
		50	56	22.81	22.91	23.05	24.80
	DFT-s-OFDM BPSK	100	0	22.93	22.97	22.87	24.80
	DFT-s-OFDM QPSK	1	1	23.06	23.29	23.24	24.80
	DFT-s-OFDM 16QAM	1	1	21.98	22.00	21.82	23.80
	DFT-s-OFDM 64QAM	1	1	20.59	20.57	20.59	22.30
	DFT-s-OFDM 256QAM	1	1	19.05	19.13	19.09	20.30
	CP-OFDM QPSK	1	1	21.84	21.77	21.64	23.30
	CP-OFDM 16QAM	1	1	21.52	21.58	21.52	22.80
	CP-OFDM 64QAM	1	1	19.63	19.83	19.83	21.30
	CP-OFDM 256QAM	1	1	16.48	16.55	16.45	18.30

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NR (SA) n7 N7-ANT1 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	22.85	22.98	23.52	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	22.76	23.14	23.52	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	22.76	23.02	23.28	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	22.99	23.14	23.47	24.00
		1	53	23.78	23.74	23.61	24.00
		1	104	23.07	23.45	23.34	24.00
	DFT-s-OFDM BPSK	50	0	23.00	23.09	23.18	24.00
		50	28	23.62	23.73	23.85	24.00
		50	56	23.32	23.28	23.13	24.00
	DFT-s-OFDM BPSK	100	0	23.10	23.20	23.10	24.00
	DFT-s-OFDM QPSK	1	1	23.20	23.13	22.99	24.00
	DFT-s-OFDM 16QAM	1	1	21.95	21.88	21.88	23.00
	DFT-s-OFDM 64QAM	1	1	20.47	20.41	20.35	21.50
	DFT-s-OFDM 256QAM	1	1	18.93	19.04	19.00	19.50
	CP-OFDM QPSK	1	1	21.66	21.64	21.70	22.50
	CP-OFDM 16QAM	1	1	21.42	21.42	21.21	22.00
	CP-OFDM 64QAM	1	1	19.55	19.75	19.81	20.50
	CP-OFDM 256QAM	1	1	16.33	16.46	16.33	17.50

NR (SA) n7 N7-ANT1-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	15.10	15.51	15.34	16.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	

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10	DFT-s-OFDM BPSK	1	1	15.15	15.24	15.27	16.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	15.26	15.50	15.47	16.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	15.25	15.36	15.40	16.50
		1	53	15.75	15.69	15.58	16.50
		1	104	15.53	15.61	15.68	16.50
	DFT-s-OFDM BPSK	50	0	15.65	15.53	15.62	16.50
		50	28	15.78	15.68	15.62	16.50
		50	56	15.68	15.73	15.62	16.50
	DFT-s-OFDM BPSK	100	0	15.70	15.62	15.72	16.50
	DFT-s-OFDM QPSK	1	1	15.48	15.35	15.43	16.50
	DFT-s-OFDM 16QAM	1	1	15.03	15.11	15.13	16.50
	DFT-s-OFDM 64QAM	1	1	15.22	15.17	15.23	16.50
	DFT-s-OFDM 256QAM	1	1	15.66	15.70	15.68	16.50
	CP-OFDM QPSK	1	1	15.49	15.38	15.47	16.50
	CP-OFDM 16QAM	1	1	15.61	15.66	15.57	16.50
	CP-OFDM 64QAM	1	1	15.31	15.46	15.51	16.50
	CP-OFDM 256QAM	1	1	15.05	15.18	15.09	16.50

NR (SA) n7 N7-ANT1-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	14.61	14.28	14.45	15.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	14.51	14.48	14.21	15.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	14.49	14.33	14.20	15.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	14.52	14.43	14.31	15.00
		1	53	14.66	14.35	14.30	15.00

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		1	104	14.53	14.40	14.46	15.00
	DFT-s-OFDM BPSK	50	0	14.49	14.51	14.30	15.00
		50	28	14.61	14.58	14.44	15.00
		50	56	14.50	14.39	14.28	15.00
	DFT-s-OFDM BPSK	100	0	14.67	14.51	14.35	15.00
	DFT-s-OFDM QPSK	1	1	14.50	14.28	14.29	15.00
	DFT-s-OFDM 16QAM	1	1	14.38	14.46	14.17	15.00
	DFT-s-OFDM 64QAM	1	1	14.49	14.44	14.16	15.00
	DFT-s-OFDM 256QAM	1	1	14.54	14.39	14.20	15.00
	CP-OFDM QPSK	1	1	14.58	14.35	14.41	15.00
	CP-OFDM 16QAM	1	1	14.42	14.41	14.42	15.00
	CP-OFDM 64QAM	1	1	14.62	14.43	14.28	15.00
	CP-OFDM 256QAM	1	1	14.61	14.46	14.21	15.00

NR (SA) n7 N7-ANT1-LEVEL4&5&6-Sensor on		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	19.36	19.44	19.43	20.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	19.28	19.23	19.43	20.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	19.45	19.31	19.29	20.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	19.30	19.37	19.31	20.00
		1	53	19.78	19.70	19.72	20.00
		1	104	19.62	19.62	19.75	20.00
	DFT-s-OFDM BPSK	50	0	19.44	19.58	19.67	20.00
		50	28	19.86	19.73	19.67	20.00
		50	56	19.91	19.77	19.63	20.00
	DFT-s-OFDM BPSK	100	0	19.57	19.65	19.63	20.00
	DFT-s-OFDM QPSK	1	1	19.34	19.37	19.50	20.00
	DFT-s-OFDM 16QAM	1	1	19.22	19.12	19.23	20.00
	DFT-s-OFDM 64QAM	1	1	19.27	19.16	19.30	20.00
	DFT-s-OFDM 256QAM	1	1	19.06	19.08	18.95	19.50
	CP-OFDM QPSK	1	1	19.46	19.40	19.37	20.00

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	CP-OFDM 16QAM	1	1	19.71	19.66	19.66	20.00
	CP-OFDM 64QAM	1	1	19.47	19.50	19.50	20.00
	CP-OFDM 256QAM	1	1	16.59	16.71	16.58	17.50

NR (SA) n7 N7-ANT1-LEVEL4&5&6-sensor off		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	22.85	22.98	23.52	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	22.76	23.14	23.52	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	22.76	23.02	23.28	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	22.99	23.14	23.47	24.00
		1	53	23.78	23.74	23.61	24.00
		1	104	23.07	23.45	23.34	24.00
	DFT-s-OFDM BPSK	50	0	23.00	23.09	23.18	24.00
		50	28	23.62	23.73	23.85	24.00
		50	56	23.32	23.28	23.13	24.00
	DFT-s-OFDM BPSK	100	0	23.10	23.20	23.10	24.00
	DFT-s-OFDM QPSK	1	1	23.20	23.13	22.99	24.00
	DFT-s-OFDM 16QAM	1	1	21.95	21.88	21.88	23.00
	DFT-s-OFDM 64QAM	1	1	20.47	20.41	20.35	21.50
	DFT-s-OFDM 256QAM	1	1	18.93	19.04	19.00	19.50
	CP-OFDM QPSK	1	1	21.66	21.64	21.70	22.50
	CP-OFDM 16QAM	1	1	21.42	21.42	21.21	22.00
	CP-OFDM 64QAM	1	1	19.55	19.75	19.81	20.50
	CP-OFDM 256QAM	1	1	16.33	16.46	16.33	17.50

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NR (SA) n38 N38-ANT1 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	23.09	23.46	23.42	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	23.11	23.53	23.71	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	
20	DFT-s-OFDM BPSK	1	1	23.23	23.51	23.66	24.00
		1	25	23.61	23.64	23.69	24.00
		1	49	23.54	23.65	23.53	24.00
	DFT-s-OFDM BPSK	25	0	23.21	23.23	23.14	24.00
		25	12	23.44	23.32	23.23	24.00
		25	25	23.99	23.91	23.96	24.00
	DFT-s-OFDM BPSK	50	0	23.37	23.28	23.14	24.00
	DFT-s-OFDM QPSK	1	1	23.25	23.46	23.53	24.00
	DFT-s-OFDM 16QAM	1	1	22.13	22.24	22.20	23.00
	DFT-s-OFDM 64QAM	1	1	20.70	20.89	20.89	21.50
	DFT-s-OFDM 256QAM	1	1	19.21	19.40	19.24	19.50
	CP-OFDM QPSK	1	1	22.13	22.06	22.04	22.50
	CP-OFDM 16QAM	1	1	21.73	21.75	21.60	22.00
	CP-OFDM 64QAM	1	1	20.11	20.13	20.05	20.50
	CP-OFDM 256QAM	1	1	16.81	16.86	16.73	17.50

NR (SA) n38 N38-ANT1-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	16.16	16.27	16.33	17.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	16.41	16.34	16.45	17.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	

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20	DFT-s-OFDM BPSK	1	1	16.30	16.22	16.32	17.50
		1	25	16.55	16.69	16.57	17.50
		1	49	16.96	16.96	16.86	17.50
	DFT-s-OFDM BPSK	25	0	16.86	16.74	16.72	17.50
		25	12	16.95	16.83	16.73	17.50
		25	25	16.86	16.91	16.90	17.50
	DFT-s-OFDM BPSK	50	0	16.65	16.75	16.87	17.50
	DFT-s-OFDM QPSK	1	1	16.09	16.18	16.19	17.50
	DFT-s-OFDM 16QAM	1	1	16.00	15.95	16.07	17.50
	DFT-s-OFDM 64QAM	1	1	15.87	15.99	16.11	17.50
	DFT-s-OFDM 256QAM	1	1	16.52	16.58	16.70	17.50
	CP-OFDM QPSK	1	1	16.12	16.20	16.14	17.50
	CP-OFDM 16QAM	1	1	16.47	16.48	16.41	17.50
	CP-OFDM 64QAM	1	1	16.16	16.28	16.13	17.50
	CP-OFDM 256QAM	1	1	15.97	16.01	16.15	17.50

NR (SA) n38 N38-ANT1-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	16.16	16.27	16.33	17.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	16.41	16.34	16.45	17.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	
20	DFT-s-OFDM BPSK	1	1	16.30	16.22	16.32	17.50
		1	25	16.55	16.69	16.57	17.50
		1	49	16.96	16.96	16.86	17.50
	DFT-s-OFDM BPSK	25	0	16.86	16.74	16.72	17.50
		25	12	16.95	16.83	16.73	17.50
		25	25	16.86	16.91	16.90	17.50
	DFT-s-OFDM BPSK	50	0	16.65	16.75	16.87	17.50
	DFT-s-OFDM QPSK	1	1	16.09	16.18	16.19	17.50
	DFT-s-OFDM 16QAM	1	1	16.00	15.95	16.07	17.50
	DFT-s-OFDM 64QAM	1	1	15.87	15.99	16.11	17.50
	DFT-s-OFDM 256QAM	1	1	16.52	16.58	16.70	17.50
	CP-OFDM QPSK	1	1	16.12	16.20	16.14	17.50
	CP-OFDM 16QAM	1	1	16.47	16.48	16.41	17.50
	CP-OFDM 64QAM	1	1	16.16	16.28	16.13	17.50

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	CP-OFDM 256QAM	1	1	15.97	16.01	16.15	17.50

NR (SA) n38 N38-ANT1-LEVEL4&5&6-Sensor on		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	19.81	19.52	19.63	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	19.83	19.67	19.58	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	
20	DFT-s-OFDM BPSK	1	1	19.79	19.64	19.61	21.00
		1	25	20.22	20.14	20.04	21.00
		1	49	20.26	20.41	20.49	21.00
	DFT-s-OFDM BPSK	25	0	20.19	20.19	20.14	21.00
		25	12	20.34	20.32	20.32	21.00
		25	25	20.29	20.40	20.28	21.00
	DFT-s-OFDM BPSK	50	0	20.30	20.27	20.18	21.00
	DFT-s-OFDM QPSK	1	1	19.55	19.65	19.53	21.00
	DFT-s-OFDM 16QAM	1	1	19.33	19.43	19.52	21.00
	DFT-s-OFDM 64QAM	1	1	19.55	19.47	19.60	21.00
	DFT-s-OFDM 256QAM	1	1	19.05	19.06	19.17	19.50
	CP-OFDM QPSK	1	1	19.66	19.68	19.74	21.00
	CP-OFDM 16QAM	1	1	20.04	19.95	19.89	21.00
	CP-OFDM 64QAM	1	1	20.12	20.17	20.11	20.50
	CP-OFDM 256QAM	1	1	16.62	16.54	16.53	17.50

NR (SA) n38 N38-ANT1-LEVEL4&5&6-Sensor off		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	23.09	23.46	23.42	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	23.11	23.53	23.71	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				516000/	519000/	522000/	

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				2580	2595	2610	(dBm)
20	DFT-s-OFDM BPSK	1	1	23.23	23.51	23.66	24.00
		1	25	23.61	23.64	23.69	24.00
		1	49	23.54	23.65	23.53	24.00
	DFT-s-OFDM BPSK	25	0	23.21	23.23	23.14	24.00
		25	12	23.44	23.32	23.23	24.00
		25	25	23.99	23.91	23.96	24.00
	DFT-s-OFDM BPSK	50	0	23.37	23.28	23.14	24.00
	DFT-s-OFDM QPSK	1	1	23.25	23.46	23.53	24.00
	DFT-s-OFDM 16QAM	1	1	22.13	22.24	22.20	23.00
	DFT-s-OFDM 64QAM	1	1	20.70	20.89	20.89	21.50
	DFT-s-OFDM 256QAM	1	1	19.21	19.40	19.24	19.50
	CP-OFDM QPSK	1	1	22.13	22.06	22.04	22.50
	CP-OFDM 16QAM	1	1	21.73	21.75	21.60	22.00
	CP-OFDM 64QAM	1	1	20.11	20.13	20.05	20.50
	CP-OFDM 256QAM	1	1	16.81	16.86	16.73	17.50

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NR (SA) n41 N41-ANT1 Full power		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	22.23	22.67	22.59	22.81	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	22.46	22.85	22.55	22.71	22.89	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	
20	DFT-s-OFDM BPSK	1	1	22.32	22.72	22.82	22.76	22.80	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	22.28	22.85	22.77	22.76	22.86	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	22.39	22.81	22.70	22.60	22.93	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	
60	DFT-s-OFDM BPSK	1	1	22.43	22.89	22.55	22.62	22.86	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	22.37	22.69	22.68	22.74	22.73	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	
90	DFT-s-OFDM BPSK	1	1	22.26	22.80	22.75	22.83	22.75	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	22.39	22.74	22.75	22.68	22.91	24.00
		1	137	23.87	23.84	23.96	23.88	23.90	24.00
		1	271	23.02	23.12	23.26	23.13	23.14	24.00
	DFT-s-OFDM BPSK	135	0	23.31	23.23	23.14	23.00	23.34	24.00
		135	69	23.92	23.91	23.92	23.88	23.97	24.00
		135	138	23.42	23.33	23.30	23.31	23.34	24.00

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	DFT-s-OFDM BPSK	270	0	23.14	23.10	23.20	23.17	22.97	24.00
	DFT-s-OFDM QPSK	1	1	22.37	22.72	22.73	22.64	22.66	24.00
	DFT-s-OFDM 16QAM	1	1	21.49	21.64	21.49	21.61	21.30	23.00
	DFT-s-OFDM 64QAM	1	1	20.02	20.01	20.02	20.03	19.90	21.50
	DFT-s-OFDM 256QAM	1	1	18.78	18.86	18.80	18.93	18.63	19.50
	CP-OFDM QPSK	1	1	21.19	21.34	21.28	21.20	21.32	22.50
	CP-OFDM 16QAM	1	1	21.03	20.86	21.01	21.15	20.90	22.00
	CP-OFDM 64QAM	1	1	19.54	19.53	19.50	19.48	19.31	20.50
	CP-OFDM 256QAM	1	1	16.11	16.13	16.17	16.20	16.12	17.50

NR (SA) n41 N41-ANT1-LEVEL1		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	14.58	14.61	14.50	14.28	14.51	16.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	14.54	14.46	14.44	14.35	14.31	16.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	
20	DFT-s-OFDM BPSK	1	1	14.53	14.46	14.65	14.48	14.59	16.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	14.67	14.63	14.53	14.35	14.60	16.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	14.75	14.64	14.41	14.48	14.36	16.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	
60	DFT-s-OFDM BPSK	1	1	14.73	14.60	14.68	14.34	14.50	16.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	14.53	14.50	14.47	14.36	14.48	16.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	

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90	DFT-s-OFDM BPSK	1	1	14.73	14.44	14.40	14.45	14.47	16.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	14.67	14.56	14.54	14.43	14.46	16.00
		1	137	15.38	15.28	15.40	15.28	15.47	16.00
		1	271	14.74	14.85	14.75	14.64	14.77	16.00
	DFT-s-OFDM BPSK	135	0	15.14	15.23	15.10	15.07	15.17	16.00
		135	69	15.23	15.33	15.33	15.20	15.22	16.00
		135	138	15.31	15.19	15.28	15.24	15.34	16.00
	DFT-s-OFDM BPSK	270	0	15.01	15.20	15.15	15.02	15.09	16.00
	DFT-s-OFDM QPSK	1	1	14.65	14.52	14.54	14.63	14.48	16.00
	DFT-s-OFDM 16QAM	1	1	14.38	14.28	14.28	14.36	14.43	16.00
	DFT-s-OFDM 64QAM	1	1	14.33	14.45	14.34	14.30	14.32	16.00
	DFT-s-OFDM 256QAM	1	1	15.03	14.81	14.92	15.06	14.85	16.00
	CP-OFDM QPSK	1	1	14.68	14.67	14.54	14.44	14.68	16.00
	CP-OFDM 16QAM	1	1	14.61	14.84	14.76	14.76	14.64	16.00
	CP-OFDM 64QAM	1	1	14.61	14.60	14.58	14.45	14.60	16.00
	CP-OFDM 256QAM	1	1	14.28	14.36	14.33	14.28	14.45	16.00

NR (SA) n41 N41-ANT1-LEVEL2&3		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	12.73	12.52	12.57	12.60	12.61	14.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	12.44	12.35	12.73	12.72	12.63	14.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	
20	DFT-s-OFDM BPSK	1	1	12.51	12.57	12.63	12.83	12.43	14.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	12.48	12.58	12.55	12.69	12.55	14.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	12.49	12.45	12.64	12.69	12.58	14.00
Bandwidth(MHz)	Modulation	RB size	RB	Channel/Frequency(MHz)					Tune-up

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			offset	505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	Limit (dBm)
60	DFT-s-OFDM BPSK	1	1	12.63	12.53	12.73	12.65	12.53	14.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	12.61	12.49	12.62	12.68	12.60	14.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	
90	DFT-s-OFDM BPSK	1	1	12.49	12.45	12.77	12.57	12.60	14.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	12.58	12.50	12.63	12.60	12.52	14.00
		1	137	12.59	12.61	12.61	12.48	12.55	14.00
		1	271	12.45	12.61	12.54	12.40	12.58	14.00
	DFT-s-OFDM BPSK	135	0	12.62	12.51	12.57	12.57	12.60	14.00
		135	69	12.44	12.53	12.43	12.39	12.37	14.00
		135	138	12.37	12.49	12.44	12.33	12.56	14.00
	DFT-s-OFDM BPSK	270	0	12.47	12.47	12.47	12.41	12.38	14.00
	DFT-s-OFDM QPSK	1	1	12.58	12.51	12.50	12.35	12.36	14.00
	DFT-s-OFDM 16QAM	1	1	12.70	12.65	12.65	12.64	12.70	14.00
	DFT-s-OFDM 64QAM	1	1	12.28	12.37	12.39	12.47	12.51	14.00
	DFT-s-OFDM 256QAM	1	1	12.63	12.56	12.56	12.43	12.60	14.00
	CP-OFDM QPSK	1	1	12.50	12.52	12.56	12.57	12.61	14.00
	CP-OFDM 16QAM	1	1	12.61	12.67	12.62	12.54	12.56	14.00
	CP-OFDM 64QAM	1	1	12.42	12.58	12.56	12.64	12.69	14.00
	CP-OFDM 256QAM	1	1	12.43	12.65	12.53	12.58	12.64	14.00

NR (SA) n41 N41-ANT1-LEVEL4&56-Sensor on				Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	20.07	20.11	19.98	19.81	20.21	21.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	20.13	20.15	20.02	19.98	20.08	21.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	

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20	DFT-s-OFDM BPSK	1	1	19.95	20.04	19.94	19.94	20.25	21.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	20.10	20.09	20.06	19.84	20.21	21.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	20.03	19.97	19.94	20.08	20.17	21.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	
60	DFT-s-OFDM BPSK	1	1	19.90	20.08	20.13	19.89	20.34	21.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	19.90	19.92	20.10	19.94	20.10	21.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	
90	DFT-s-OFDM BPSK	1	1	19.91	19.95	20.11	20.02	20.18	21.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	20.02	20.03	20.06	19.94	20.20	21.50
		1	137	20.90	20.85	20.93	20.92	20.91	21.50
		1	271	20.01	20.01	20.09	20.00	19.97	21.50
	DFT-s-OFDM BPSK	135	0	20.78	20.67	20.67	20.74	20.60	21.50
		135	69	20.72	20.84	20.86	20.81	20.75	21.50
		135	138	20.90	20.84	20.79	20.81	20.93	21.50
	DFT-s-OFDM BPSK	270	0	20.55	20.82	20.68	20.63	20.63	21.50
	DFT-s-OFDM QPSK	1	1	19.97	19.96	20.03	20.14	20.02	21.50
	DFT-s-OFDM 16QAM	1	1	19.78	19.71	19.81	19.83	19.71	21.50
	DFT-s-OFDM 64QAM	1	1	19.82	19.76	19.86	19.73	19.75	21.50
	DFT-s-OFDM 256QAM	1	1	19.10	18.92	18.95	19.04	19.04	19.50
	CP-OFDM QPSK	1	1	19.92	20.17	20.07	20.02	20.16	21.50
	CP-OFDM 16QAM	1	1	20.24	20.32	20.33	20.38	20.31	21.50
	CP-OFDM 64QAM	1	1	19.53	19.69	19.67	19.66	19.66	20.50
	CP-OFDM 256QAM	1	1	16.30	16.47	16.36	16.47	16.23	17.50

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NR (SA) n41 N41-ANT1-LEVEL4&56-Sensor off		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	22.23	22.67	22.59	22.81	22.68	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	22.46	22.85	22.55	22.71	22.89	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	
20	DFT-s-OFDM BPSK	1	1	22.32	22.72	22.82	22.76	22.80	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	22.28	22.85	22.77	22.76	22.86	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	22.39	22.81	22.70	22.60	22.93	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	
60	DFT-s-OFDM BPSK	1	1	22.43	22.89	22.55	22.62	22.86	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	22.37	22.69	22.68	22.74	22.73	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	
90	DFT-s-OFDM BPSK	1	1	22.26	22.80	22.75	22.83	22.75	24.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	22.39	22.74	22.75	22.68	22.91	24.00
		1	137	23.87	23.84	23.96	23.88	23.90	24.00
		1	271	23.02	23.12	23.26	23.13	23.14	24.00
	DFT-s-OFDM BPSK	135	0	23.31	23.23	23.14	23.00	23.34	24.00
		135	69	23.92	23.91	23.92	23.88	23.97	24.00
		135	138	23.42	23.33	23.30	23.31	23.34	24.00

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	DFT-s-OFDM BPSK	270	0	23.14	23.10	23.20	23.17	22.97	24.00
	DFT-s-OFDM QPSK	1	1	22.37	22.72	22.73	22.64	22.66	24.00
	DFT-s-OFDM 16QAM	1	1	21.49	21.64	21.49	21.61	21.30	23.00
	DFT-s-OFDM 64QAM	1	1	20.02	20.01	20.02	20.03	19.90	21.50
	DFT-s-OFDM 256QAM	1	1	18.78	18.86	18.80	18.93	18.63	19.50
	CP-OFDM QPSK	1	1	21.19	21.34	21.28	21.20	21.32	22.50
	CP-OFDM 16QAM	1	1	21.03	20.86	21.01	21.15	20.90	22.00
	CP-OFDM 64QAM	1	1	19.54	19.53	19.50	19.48	19.31	20.50
	CP-OFDM 256QAM	1	1	16.11	16.13	16.17	16.20	16.12	17.50

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NR (SA) n66 N66-ANT1 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	21.68	21.80	21.58	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	21.77	21.82	21.65	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	21.70	21.73	21.67	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	21.70	21.95	21.80	23.50
		1	53	22.31	22.25	22.31	23.50
		1	104	21.98	21.83	22.16	23.50
	DFT-s-OFDM BPSK	50	0	21.96	21.93	21.78	23.50
		50	28	22.08	22.23	22.23	23.50
		50	56	21.86	21.80	21.90	23.50
	DFT-s-OFDM BPSK	100	0	21.79	21.92	21.93	23.50
	DFT-s-OFDM QPSK	1	1	21.84	21.95	21.82	23.50
	DFT-s-OFDM 16QAM	1	1	20.94	20.90	20.84	22.50
	DFT-s-OFDM 64QAM	1	1	19.43	19.45	19.45	21.00
	DFT-s-OFDM 256QAM	1	1	17.92	18.03	18.08	19.00
	CP-OFDM QPSK	1	1	20.51	20.67	20.57	22.00
	CP-OFDM 16QAM	1	1	20.29	20.43	20.49	21.50
	CP-OFDM 64QAM	1	1	18.60	18.75	18.64	20.00
	CP-OFDM 256QAM	1	1	15.46	15.48	15.51	17.00

NR (SA) n66 N66-ANT1-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	16.25	16.01	16.26	17.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	

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10	DFT-s-OFDM BPSK	1	1	16.32	16.09	16.30	17.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	16.13	16.04	16.28	17.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	16.17	16.16	16.26	17.00
		1	53	16.37	16.31	16.42	17.00
		1	104	16.06	16.00	16.02	17.00
	DFT-s-OFDM BPSK	50	0	16.24	16.36	16.55	17.00
		50	28	16.43	16.30	16.39	17.00
		50	56	16.17	16.19	16.10	17.00
	DFT-s-OFDM BPSK	100	0	16.27	16.36	16.42	17.00
	DFT-s-OFDM QPSK	1	1	16.14	16.19	16.24	17.00
	DFT-s-OFDM 16QAM	1	1	15.92	15.94	15.97	17.00
	DFT-s-OFDM 64QAM	1	1	16.14	16.01	15.93	17.00
	DFT-s-OFDM 256QAM	1	1	16.59	16.57	16.52	17.00
	CP-OFDM QPSK	1	1	16.38	16.24	16.36	17.00
	CP-OFDM 16QAM	1	1	16.66	16.52	16.60	17.00
	CP-OFDM 64QAM	1	1	16.18	16.32	16.29	17.00
	CP-OFDM 256QAM	1	1	15.67	15.62	15.48	17.00

NR (SA) n66 N66-ANT1-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	14.84	14.96	14.93	15.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	14.81	15.00	14.78	15.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	14.84	14.90	14.77	15.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	14.91	14.96	14.91	15.50
		1	53	14.77	15.00	15.02	15.50

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		1	104	14.97	15.11	14.86	15.50
	DFT-s-OFDM BPSK	50	0	14.88	14.85	14.86	15.50
		50	28	14.90	14.85	14.80	15.50
		50	56	14.86	14.84	14.91	15.50
	DFT-s-OFDM BPSK	100	0	14.98	15.07	14.91	15.50
	DFT-s-OFDM QPSK	1	1	15.05	14.99	14.97	15.50
	DFT-s-OFDM 16QAM	1	1	14.82	14.96	14.80	15.50
	DFT-s-OFDM 64QAM	1	1	14.97	15.03	14.83	15.50
	DFT-s-OFDM 256QAM	1	1	14.99	14.90	15.02	15.50
	CP-OFDM QPSK	1	1	14.96	14.87	14.96	15.50
	CP-OFDM 16QAM	1	1	14.79	14.96	14.83	15.50
	CP-OFDM 64QAM	1	1	14.77	15.08	14.99	15.50
	CP-OFDM 256QAM	1	1	14.66	14.62	14.74	15.50

NR (SA) n66 N66-ANT1-LEVEL4&5&6-Sensor on		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	20.36	20.21	20.50	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	20.46	20.32	20.42	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	20.23	20.37	20.34	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	20.36	20.23	20.36	21.00
		1	53	20.44	20.33	20.39	21.00
		1	104	20.09	20.09	20.20	21.00
	DFT-s-OFDM BPSK	50	0	20.59	20.46	20.50	21.00
		50	28	20.43	20.33	20.34	21.00
		50	56	20.18	20.27	20.21	21.00
	DFT-s-OFDM BPSK	100	0	20.40	20.40	20.29	21.00
	DFT-s-OFDM QPSK	1	1	20.36	20.23	20.25	21.00
	DFT-s-OFDM 16QAM	1	1	20.01	20.03	20.10	21.00
	DFT-s-OFDM 64QAM	1	1	19.63	19.57	19.55	21.00
	DFT-s-OFDM 256QAM	1	1	18.24	18.14	18.00	19.00
	CP-OFDM QPSK	1	1	20.15	20.30	20.38	21.00

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	CP-OFDM 16QAM	1	1	20.68	20.57	20.62	21.50
	CP-OFDM 64QAM	1	1	18.88	18.87	18.75	20.00
	CP-OFDM 256QAM	1	1	15.71	15.62	15.53	17.00

NR (SA) n66 N66-ANT1-LEVEL4&5&6-Sensor off		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	21.68	21.80	21.58	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	21.77	21.82	21.65	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	21.70	21.73	21.67	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	21.70	21.95	21.80	23.50
		1	53	22.31	22.25	22.31	23.50
		1	104	21.98	21.83	22.16	23.50
	DFT-s-OFDM BPSK	50	0	21.96	21.93	21.78	23.50
		50	28	22.08	22.23	22.23	23.50
		50	56	21.86	21.80	21.90	23.50
	DFT-s-OFDM BPSK	100	0	21.79	21.92	21.93	23.50
	DFT-s-OFDM QPSK	1	1	21.84	21.95	21.82	23.50
	DFT-s-OFDM 16QAM	1	1	20.94	20.90	20.84	22.50
	DFT-s-OFDM 64QAM	1	1	19.43	19.45	19.45	21.00
	DFT-s-OFDM 256QAM	1	1	17.92	18.03	18.08	19.00
	CP-OFDM QPSK	1	1	20.51	20.67	20.57	22.00
	CP-OFDM 16QAM	1	1	20.29	20.43	20.49	21.50
	CP-OFDM 64QAM	1	1	18.60	18.75	18.64	20.00
	CP-OFDM 256QAM	1	1	15.46	15.48	15.51	17.00

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Antenna 4:

NR (SA) n7 N7-ANT4 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	21.79	21.82	22.07	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	21.74	22.04	22.07	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	21.88	21.93	22.12	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	21.92	21.97	22.16	23.00
		1	53	22.35	22.39	22.31	23.00
		1	104	21.88	22.16	21.98	23.00
	DFT-s-OFDM BPSK	50	0	21.87	21.76	21.73	23.00
		50	28	22.44	22.40	22.36	23.00
		50	56	21.95	21.91	21.89	23.00
	DFT-s-OFDM BPSK	100	0	21.84	21.82	21.84	23.00
	DFT-s-OFDM QPSK	1	1	21.92	21.90	21.83	23.00
	DFT-s-OFDM 16QAM	1	1	20.56	20.66	20.52	22.00
	DFT-s-OFDM 64QAM	1	1	19.08	19.20	19.05	20.50
	DFT-s-OFDM 256QAM	1	1	17.77	17.84	17.68	18.50
	CP-OFDM QPSK	1	1	20.48	20.48	20.46	21.50
	CP-OFDM 16QAM	1	1	20.16	20.24	20.26	21.00
	CP-OFDM 64QAM	1	1	18.44	18.59	18.63	19.50
	CP-OFDM 256QAM	1	1	15.19	15.27	15.25	16.50

NR (SA) n7 N7-ANT4 LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	21.67	21.68	21.63	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit
				501000/	507000/	513000	

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				2505	2535	2565	(dBm)
10	DFT-s-OFDM BPSK	1	1	21.49	21.62	21.61	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	21.76	21.56	21.67	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	21.64	21.56	21.68	22.50
		1	53	21.82	21.85	21.70	22.50
		1	104	21.66	21.76	21.63	22.50
	DFT-s-OFDM BPSK	50	0	21.73	21.74	21.64	22.50
		50	28	21.91	21.87	21.79	22.50
		50	56	21.78	21.90	22.00	22.50
	DFT-s-OFDM BPSK	100	0	21.67	21.82	21.89	22.50
	DFT-s-OFDM QPSK	1	1	21.46	21.56	21.61	22.50
	DFT-s-OFDM 16QAM	1	1	20.76	20.80	20.75	22.00
	DFT-s-OFDM 64QAM	1	1	19.42	19.31	19.20	20.50
	DFT-s-OFDM 256QAM	1	1	17.87	17.95	17.98	18.50
	CP-OFDM QPSK	1	1	20.61	20.58	20.56	21.50
	CP-OFDM 16QAM	1	1	20.21	20.35	20.23	21.00
	CP-OFDM 64QAM	1	1	18.64	18.70	18.59	19.50
	CP-OFDM 256QAM	1	1	15.52	15.39	15.52	16.50

NR (SA) n7 N7-ANT4 LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	20.03	20.13	20.06	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	20.06	20.13	20.13	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	19.96	19.99	20.15	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	20.05	20.05	20.05	21.00

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		1	53	20.37	20.38	20.41	21.00
		1	104	20.28	20.26	20.11	21.00
	DFT-s-OFDM BPSK	50	0	20.24	20.24	20.11	21.00
		50	28	20.37	20.38	20.40	21.00
		50	56	20.31	20.42	20.54	21.00
	DFT-s-OFDM BPSK	100	0	20.21	20.34	20.45	21.00
	DFT-s-OFDM QPSK	1	1	19.97	20.05	20.13	21.00
	DFT-s-OFDM 16QAM	1	1	19.85	19.80	19.90	21.00
	DFT-s-OFDM 64QAM	1	1	19.37	19.32	19.30	20.50
	DFT-s-OFDM 256QAM	1	1	17.94	17.97	18.01	18.50
	CP-OFDM QPSK	1	1	20.18	20.08	19.96	21.00
	CP-OFDM 16QAM	1	1	20.33	20.35	20.41	21.00
	CP-OFDM 64QAM	1	1	18.85	18.71	18.57	19.50
	CP-OFDM 256QAM	1	1	15.38	15.39	15.32	16.50

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NR (SA) n7 N7-ANT4 LEVEL4&5&6		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				500500/ 2502.5	507000/ 2535	513500/ 2567.5	
5	DFT-s-OFDM BPSK	1	1	21.67	21.68	21.63	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501000/ 2505	507000/ 2535	513000 2565	
10	DFT-s-OFDM BPSK	1	1	21.49	21.62	21.61	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				501500/ 2507.5	507000/ 2535	512500/ 2562.5	
15	DFT-s-OFDM BPSK	1	1	21.76	21.56	21.67	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				502000/ 2510	507000/ 2535	355000/ 2560	
20	DFT-s-OFDM BPSK	1	1	21.64	21.56	21.68	22.50
		1	53	21.82	21.85	21.70	22.50
		1	104	21.66	21.76	21.63	22.50
	DFT-s-OFDM BPSK	50	0	21.73	21.74	21.64	22.50
		50	28	21.91	21.87	21.79	22.50
		50	56	21.78	21.90	22.00	22.50
	DFT-s-OFDM BPSK	100	0	21.67	21.82	21.89	22.50
	DFT-s-OFDM QPSK	1	1	21.46	21.56	21.61	22.50
	DFT-s-OFDM 16QAM	1	1	20.76	20.80	20.75	22.00
	DFT-s-OFDM 64QAM	1	1	19.42	19.31	19.20	20.50
	DFT-s-OFDM 256QAM	1	1	17.87	17.95	17.98	18.50
	CP-OFDM QPSK	1	1	20.61	20.58	20.56	21.50
	CP-OFDM 16QAM	1	1	20.21	20.35	20.23	21.00
	CP-OFDM 64QAM	1	1	18.64	18.70	18.59	19.50
	CP-OFDM 256QAM	1	1	15.52	15.39	15.52	16.50

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NR (SA) n38 N38-ANT4 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	21.92	21.74	21.72	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	21.75	21.74	21.75	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	
20	DFT-s-OFDM BPSK	1	1	21.63	21.84	21.63	23.00
		1	25	22.30	22.36	22.23	23.00
		1	49	22.44	22.62	22.69	23.00
	DFT-s-OFDM BPSK	25	0	22.35	22.39	22.36	23.00
		25	12	22.49	22.63	22.17	23.00
		25	25	22.52	22.65	22.53	23.00
	DFT-s-OFDM BPSK	50	0	22.02	22.16	22.26	23.00
	DFT-s-OFDM QPSK	1	1	21.50	21.70	21.91	23.00
	DFT-s-OFDM 16QAM	1	1	21.14	21.19	21.17	23.00
	DFT-s-OFDM 64QAM	1	1	19.58	19.79	19.76	21.50
	DFT-s-OFDM 256QAM	1	1	18.22	18.11	17.89	19.50
	CP-OFDM QPSK	1	1	20.65	20.71	20.89	22.50
	CP-OFDM 16QAM	1	1	20.49	20.34	20.49	22.00
	CP-OFDM 64QAM	1	1	19.05	18.86	18.85	20.50
	CP-OFDM 256QAM	1	1	15.69	15.67	15.61	17.50

NR (SA) n38 N38-ANT4 -LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	21.92	21.74	21.72	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	21.75	21.74	21.75	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	

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20	DFT-s-OFDM BPSK	1	1	21.63	21.84	21.63	23.00
		1	25	22.30	22.36	22.23	23.00
		1	49	22.44	22.62	22.69	23.00
	DFT-s-OFDM BPSK	25	0	22.35	22.39	22.36	23.00
		25	12	22.49	22.63	22.17	23.00
		25	25	22.52	22.65	22.53	23.00
	DFT-s-OFDM BPSK	50	0	22.02	22.16	22.26	23.00
	DFT-s-OFDM QPSK	1	1	21.50	21.70	21.91	23.00
	DFT-s-OFDM 16QAM	1	1	21.14	21.19	21.17	23.00
	DFT-s-OFDM 64QAM	1	1	19.58	19.79	19.76	21.50
	DFT-s-OFDM 256QAM	1	1	18.22	18.11	17.89	19.50
	CP-OFDM QPSK	1	1	20.65	20.71	20.89	22.50
	CP-OFDM 16QAM	1	1	20.49	20.34	20.49	22.00
	CP-OFDM 64QAM	1	1	19.05	18.86	18.85	20.50
	CP-OFDM 256QAM	1	1	15.69	15.67	15.61	17.50

NR (SA) n38 N38-ANT4 -LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	21.92	21.74	21.72	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	21.75	21.74	21.75	23.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	
20	DFT-s-OFDM BPSK	1	1	21.63	21.84	21.63	23.00
		1	25	22.30	22.36	22.23	23.00
		1	49	22.44	22.62	22.69	23.00
	DFT-s-OFDM BPSK	25	0	22.35	22.39	22.36	23.00
		25	12	22.49	22.63	22.17	23.00
		25	25	22.52	22.65	22.53	23.00
	DFT-s-OFDM BPSK	50	0	22.02	22.16	22.26	23.00
	DFT-s-OFDM QPSK	1	1	21.50	21.70	21.91	23.00
	DFT-s-OFDM 16QAM	1	1	21.14	21.19	21.17	23.00
	DFT-s-OFDM 64QAM	1	1	19.58	19.79	19.76	21.50
	DFT-s-OFDM 256QAM	1	1	18.22	18.11	17.89	19.50
	CP-OFDM QPSK	1	1	20.65	20.71	20.89	22.50
	CP-OFDM 16QAM	1	1	20.49	20.34	20.49	22.00
	CP-OFDM 64QAM	1	1	19.05	18.86	18.85	20.50

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	CP-OFDM 256QAM	1	1	15.69	15.67	15.61	17.50

NR (SA) n38 N38-ANT4 -LEVEL4&5&6		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				515000/ 2575	519000/ 2595	523000/ 2615	
10	DFT-s-OFDM BPSK	1	1	20.88	20.81	20.61	21.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				515500/ 2577.5	519000/ 2595	522500/ 2612.5	
15	DFT-s-OFDM BPSK	1	1	20.76	20.96	20.58	21.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				516000/ 2580	519000/ 2595	522000/ 2610	
20	DFT-s-OFDM BPSK	1	1	20.74	20.81	20.62	21.50
		1	25	21.22	21.23	21.21	21.50
		1	49	20.92	21.17	21.04	21.50
	DFT-s-OFDM BPSK	25	0	21.35	21.22	21.19	21.50
		25	12	21.16	21.23	21.15	21.50
		25	25	21.11	21.12	21.03	21.50
	DFT-s-OFDM BPSK	50	0	21.40	21.48	21.32	21.50
	DFT-s-OFDM QPSK	1	1	20.51	20.68	20.74	21.50
	DFT-s-OFDM 16QAM	1	1	20.09	19.93	20.05	21.50
	DFT-s-OFDM 64QAM	1	1	19.77	19.58	19.65	21.50
	DFT-s-OFDM 256QAM	1	1	17.62	17.66	17.53	19.50
	CP-OFDM QPSK	1	1	20.42	20.34	20.40	21.50
	CP-OFDM 16QAM	1	1	20.44	20.38	20.52	21.50
	CP-OFDM 64QAM	1	1	18.95	18.86	18.77	20.50
	CP-OFDM 256QAM	1	1	15.77	15.74	15.81	17.50

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NR (SA) n41 N41-ANT4 Full power		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	21.29	21.38	21.58	21.43	21.58	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	21.39	21.38	21.29	21.56	21.64	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	
20	DFT-s-OFDM BPSK	1	1	21.31	21.57	21.40	21.45	21.58	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	21.33	21.55	21.44	21.41	21.43	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	21.16	21.60	21.46	21.44	21.43	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	
60	DFT-s-OFDM BPSK	1	1	21.39	21.42	21.33	21.35	21.64	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	21.41	21.42	21.52	21.54	21.62	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	
90	DFT-s-OFDM BPSK	1	1	21.18	21.59	21.44	21.61	21.60	22.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	21.35	21.47	21.46	21.55	21.58	22.50
		1	137	21.49	21.53	21.50	21.42	21.59	22.50
		1	271	21.68	21.71	21.96	21.58	21.70	22.50
	DFT-s-OFDM BPSK	135	0	21.46	21.46	21.61	21.70	21.66	22.50
		135	69	21.26	21.49	21.57	21.54	21.56	22.50
		135	138	21.29	21.42	21.60	21.56	21.44	22.50

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	DFT-s-OFDM BPSK	270	0	21.24	21.53	21.59	21.62	21.48	22.50
	DFT-s-OFDM QPSK	1	1	21.22	21.54	21.43	21.28	21.37	22.50
	DFT-s-OFDM 16QAM	1	1	19.95	20.22	20.15	20.02	19.97	21.50
	DFT-s-OFDM 64QAM	1	1	18.62	18.70	18.71	18.81	18.52	20.00
	DFT-s-OFDM 256QAM	1	1	17.44	17.47	17.49	17.35	17.46	18.00
	CP-OFDM QPSK	1	1	20.00	20.01	20.00	20.15	19.96	21.00
	CP-OFDM 16QAM	1	1	19.72	19.81	19.74	19.83	19.62	20.50
	CP-OFDM 64QAM	1	1	18.22	18.12	18.20	18.13	18.18	19.00
	CP-OFDM 256QAM	1	1	14.75	14.78	14.87	14.83	14.81	16.00

NR (SA) n41 N41-ANT4-LEVEL1		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	19.68	19.56	19.56	19.44	19.34	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	19.61	19.44	19.58	19.30	19.45	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	
20	DFT-s-OFDM BPSK	1	1	19.54	19.48	19.39	19.30	19.54	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	19.41	19.52	19.57	19.42	19.44	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	19.68	19.64	19.61	19.50	19.38	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	
60	DFT-s-OFDM BPSK	1	1	19.42	19.46	19.48	19.41	19.43	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	19.64	19.64	19.46	19.50	19.55	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	

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90	DFT-s-OFDM BPSK	1	1	19.59	19.45	19.41	19.59	19.36	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	19.56	19.51	19.54	19.45	19.45	21.00
		1	137	20.51	20.61	20.59	20.68	20.70	21.00
		1	271	19.91	20.03	20.03	20.18	20.15	21.00
	DFT-s-OFDM BPSK	135	0	20.21	20.39	20.26	20.34	20.33	21.00
		135	69	20.59	20.71	20.60	20.63	20.72	21.00
		135	138	20.70	20.68	20.57	20.64	20.57	21.00
	DFT-s-OFDM BPSK	270	0	20.27	20.46	20.38	20.50	20.28	21.00
	DFT-s-OFDM QPSK	1	1	19.44	19.57	19.51	19.44	19.53	21.00
	DFT-s-OFDM 16QAM	1	1	19.32	19.30	19.29	19.19	19.18	21.00
	DFT-s-OFDM 64QAM	1	1	18.85	18.72	18.84	18.78	18.70	20.00
	DFT-s-OFDM 256QAM	1	1	17.50	17.53	17.61	17.54	17.56	18.00
	CP-OFDM QPSK	1	1	19.44	19.64	19.56	19.59	19.57	21.00
	CP-OFDM 16QAM	1	1	19.79	19.74	19.81	19.81	19.96	20.50
	CP-OFDM 64QAM	1	1	18.38	18.37	18.29	18.19	18.28	19.00
	CP-OFDM 256QAM	1	1	14.95	14.89	14.93	14.83	14.84	16.00

NR (SA) n41 N41-ANT4-LEVEL2&3		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	18.96	19.23	19.06	18.91	19.24	19.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	19.20	19.23	18.97	18.97	19.16	19.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	
20	DFT-s-OFDM BPSK	1	1	19.21	19.23	19.08	18.94	19.35	19.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	19.03	19.20	19.14	18.95	19.34	19.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	19.19	19.04	19.21	18.98	19.26	19.50
Bandwidth(MHz)	Modulation	RB size	RB	Channel/Frequency(MHz)					Tune-up

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			offset	505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	Limit (dBm)
60	DFT-s-OFDM BPSK	1	1	18.95	19.09	19.11	18.82	19.28	19.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	18.97	19.01	19.08	18.91	19.24	19.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	
90	DFT-s-OFDM BPSK	1	1	19.11	19.14	19.07	19.05	19.15	19.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	18.00	18.06	18.14	18.04	18.18	19.50
		1	137	19.08	19.16	19.07	18.93	19.20	19.50
		1	271	18.39	18.38	18.45	18.44	18.33	19.50
	DFT-s-OFDM BPSK	135	0	18.84	18.72	18.77	18.91	18.90	19.50
		135	69	19.16	18.98	19.07	19.09	19.14	19.50
		135	138	18.94	18.96	19.04	19.11	19.12	19.50
	DFT-s-OFDM BPSK	270	0	18.85	18.95	18.90	18.98	19.05	19.50
	DFT-s-OFDM QPSK	1	1	18.19	18.25	18.13	18.17	18.23	19.50
	DFT-s-OFDM 16QAM	1	1	17.96	17.96	17.91	17.76	18.03	19.50
	DFT-s-OFDM 64QAM	1	1	17.87	17.86	17.96	17.83	17.87	19.50
	DFT-s-OFDM 256QAM	1	1	17.51	17.71	17.59	17.74	17.44	18.00
	CP-OFDM QPSK	1	1	18.21	18.09	18.19	18.13	18.25	19.50
	CP-OFDM 16QAM	1	1	18.40	18.51	18.46	18.60	18.52	19.50
	CP-OFDM 64QAM	1	1	18.29	18.23	18.30	18.44	18.24	19.00
	CP-OFDM 256QAM	1	1	14.99	15.06	14.99	15.14	14.91	16.00

NR (SA) n41 N41-ANT4-LEVEL4&5&6		Conducted Power(dBm)							Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					
				500202/ 2501.01	510408 /2547	518598/ 2592.99	527802/ 2639.01	537000/ 2685	
10	DFT-s-OFDM BPSK	1	1	19.68	19.56	19.56	19.44	19.34	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				500700/ 2503.5	510156/ 2548.26	518598/ 2592.99	527550/ 2637.75	536496/ 2682.48	
15	DFT-s-OFDM BPSK	1	1	19.61	19.44	19.58	19.30	19.45	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				501204/ 2506.2	509904/ 2549.52	518598/ 2592.99	527298/ 2636.49	535998/ 2679.99	

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20	DFT-s-OFDM BPSK	1	1	19.54	19.48	19.39	19.30	19.54	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				503202/ 2516.01	510900/ 2554.5	518598/ 2592.99	526302/ 2631.5	534000/ 2670	
40	DFT-s-OFDM BPSK	1	1	19.41	19.52	19.57	19.42	19.44	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				504204/ 2521.02	511404/ 2557.02	518598/ 2592.99	525798/ 2628.99	532998/ 2664.99	
50	DFT-s-OFDM BPSK	1	1	19.68	19.64	19.61	19.50	19.38	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				505200/ 2526	511902/ 2559.51	518598/ 2595.99	525300/ 2626.5	531996/ 2649.99	
60	DFT-s-OFDM BPSK	1	1	19.42	19.46	19.48	19.41	19.43	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				507204/ 2536.02	512904/ 2564.52	518598/ 2595.99	524298/ 2621.49	529998/ 2649.99	
80	DFT-s-OFDM BPSK	1	1	19.64	19.64	19.46	19.50	19.55	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				508200/ 2541	513402/ 2567.01	518598/ 2595.99	523800/ 2619	528996/ 2644.98	
90	DFT-s-OFDM BPSK	1	1	19.59	19.45	19.41	19.59	19.36	21.00
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)					Tune-up Limit (dBm)
				509202/ 2546.01	513900/ 2569.5	518598/ 2592.99	523302/ 2616.51	528000/ 2640	
100	DFT-s-OFDM BPSK	1	1	19.56	19.51	19.54	19.45	19.45	21.00
		1	137	20.51	20.61	20.59	20.68	20.70	21.00
		1	271	19.91	20.03	20.03	20.18	20.15	21.00
	DFT-s-OFDM BPSK	135	0	20.21	20.39	20.26	20.34	20.33	21.00
		135	69	20.59	20.71	20.60	20.63	20.72	21.00
		135	138	20.70	20.68	20.57	20.64	20.57	21.00
	DFT-s-OFDM BPSK	270	0	20.27	20.46	20.38	20.50	20.28	21.00
	DFT-s-OFDM QPSK	1	1	19.44	19.57	19.51	19.44	19.53	21.00
	DFT-s-OFDM 16QAM	1	1	19.32	19.30	19.29	19.19	19.18	21.00
	DFT-s-OFDM 64QAM	1	1	18.85	18.72	18.84	18.78	18.70	20.00
	DFT-s-OFDM 256QAM	1	1	17.50	17.53	17.61	17.54	17.56	18.00
	CP-OFDM QPSK	1	1	19.44	19.64	19.56	19.59	19.57	21.00
	CP-OFDM 16QAM	1	1	19.79	19.74	19.81	19.81	19.96	20.50
	CP-OFDM 64QAM	1	1	18.38	18.37	18.29	18.19	18.28	19.00
	CP-OFDM 256QAM	1	1	14.95	14.89	14.93	14.83	14.84	16.00

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NR (SA) n66 N66-ANT4 Full power		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.22	22.23	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.33	22.41	21.94	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.13	22.18	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.27	22.31	21.89	23.50
		1	53	22.31	22.28	22.27	23.50
		1	104	22.41	22.01	22.12	23.50
	DFT-s-OFDM BPSK	50	0	22.08	22.01	21.94	23.50
		50	28	22.15	22.27	22.37	23.50
		50	56	21.68	21.81	21.93	23.50
	DFT-s-OFDM BPSK	100	0	21.84	21.96	21.97	23.50
	DFT-s-OFDM QPSK	1	1	22.24	22.32	22.33	23.50
	DFT-s-OFDM 16QAM	1	1	21.16	21.23	21.38	22.50
	DFT-s-OFDM 64QAM	1	1	19.80	19.79	19.65	21.00
	DFT-s-OFDM 256QAM	1	1	18.34	18.36	18.23	19.00
	CP-OFDM QPSK	1	1	21.10	21.04	20.97	22.00
	CP-OFDM 16QAM	1	1	20.64	20.78	20.70	21.50
	CP-OFDM 64QAM	1	1	19.00	19.09	19.03	20.00
	CP-OFDM 256QAM	1	1	15.79	15.81	15.79	17.00

NR (SA) n66 N66-ANT4-LEVEL1		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.22	22.23	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.33	22.41	21.94	23.50

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Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.13	22.18	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.27	22.31	21.89	23.50
		1	53	22.31	22.28	22.27	23.50
		1	104	22.41	22.01	22.12	23.50
	DFT-s-OFDM BPSK	50	0	22.08	22.01	21.94	23.50
		50	28	22.15	22.27	22.37	23.50
		50	56	21.68	21.81	21.93	23.50
	DFT-s-OFDM BPSK	100	0	21.84	21.96	21.97	23.50
	DFT-s-OFDM QPSK	1	1	22.24	22.32	22.33	23.50
	DFT-s-OFDM 16QAM	1	1	21.16	21.23	21.38	22.50
	DFT-s-OFDM 64QAM	1	1	19.80	19.79	19.65	21.00
	DFT-s-OFDM 256QAM	1	1	18.34	18.36	18.23	19.00
	CP-OFDM QPSK	1	1	21.10	21.04	20.97	22.00
	CP-OFDM 16QAM	1	1	20.64	20.78	20.70	21.50
	CP-OFDM 64QAM	1	1	19.00	19.09	19.03	20.00
	CP-OFDM 256QAM	1	1	15.79	15.81	15.79	17.00

NR (SA) n66 N66-ANT4-LEVEL2&3		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.22	22.23	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.33	22.41	21.94	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.13	22.18	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.27	22.31	21.89	23.50
		1	53	22.31	22.28	22.27	23.50
		1	104	22.41	22.01	22.12	23.50

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	DFT-s-OFDM BPSK	50	0	22.08	22.01	21.94	23.50
		50	28	22.15	22.27	22.37	23.50
		50	56	21.68	21.81	21.93	23.50
	DFT-s-OFDM BPSK	100	0	21.84	21.96	21.97	23.50
	DFT-s-OFDM QPSK	1	1	22.24	22.32	22.33	23.50
	DFT-s-OFDM 16QAM	1	1	21.16	21.23	21.38	22.50
	DFT-s-OFDM 64QAM	1	1	19.80	19.79	19.65	21.00
	DFT-s-OFDM 256QAM	1	1	18.34	18.36	18.23	19.00
	CP-OFDM QPSK	1	1	21.10	21.04	20.97	22.00
	CP-OFDM 16QAM	1	1	20.64	20.78	20.70	21.50
	CP-OFDM 64QAM	1	1	19.00	19.09	19.03	20.00
	CP-OFDM 256QAM	1	1	15.79	15.81	15.79	17.00

NR (SA) n66 N66-ANT4-LEVEL4&5&6		Conducted Power(dBm)					Tune-up Limit (dBm)
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			
				342500/ 1712.5	349000/ 1745	355500/ 1777.5	
5	DFT-s-OFDM BPSK	1	1	22.22	22.23	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343000/ 1715	349000/ 1745	355000/ 1775	
10	DFT-s-OFDM BPSK	1	1	22.33	22.41	21.94	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				343500 1717.5	349000 1745	354500 1772.5	
15	DFT-s-OFDM BPSK	1	1	22.13	22.18	22.03	23.50
Bandwidth(MHz)	Modulation	RB size	RB offset	Channel/Frequency(MHz)			Tune-up Limit (dBm)
				344000 1720	349000 1745	35400/ 1770	
20	DFT-s-OFDM BPSK	1	1	22.27	22.31	21.89	23.50
		1	53	22.31	22.28	22.27	23.50
		1	104	22.41	22.01	22.12	23.50
	DFT-s-OFDM BPSK	50	0	22.08	22.01	21.94	23.50
		50	28	22.15	22.27	22.37	23.50
		50	56	21.68	21.81	21.93	23.50
	DFT-s-OFDM BPSK	100	0	21.84	21.96	21.97	23.50
	DFT-s-OFDM QPSK	1	1	22.24	22.32	22.33	23.50
	DFT-s-OFDM 16QAM	1	1	21.16	21.23	21.38	22.50
	DFT-s-OFDM 64QAM	1	1	19.80	19.79	19.65	21.00
	DFT-s-OFDM 256QAM	1	1	18.34	18.36	18.23	19.00
	CP-OFDM QPSK	1	1	21.10	21.04	20.97	22.00
	CP-OFDM 16QAM	1	1	20.64	20.78	20.70	21.50

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	CP-OFDM 64QAM	1	1	19.00	19.09	19.03	20.00
	CP-OFDM 256QAM	1	1	15.79	15.81	15.79	17.00

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1.6 WLAN Mode

WIFI 2.4G:

Full Power

test Mode	Modulation	Channel number	Fre.(MHz)	power set	output power(dBm)	tune up power
WIFI 2.4G	11b	1	2412	12.0	12.50	14.0
		6	2437	12.0	12.94	14.0
		11	2462	12.0	13.06	14.0
	11g	1	2412	17.0	17.63	19.0
		6	2437	17.0	17.92	19.0
		11	2462	13.0	13.76	14.0
	11n20	1	2412	16.5	17.01	18.0
		6	2437	17.0	17.71	19.0
		11	2462	12.5	13.20	14.0
	11n40	3	2422	13.0	13.38	14.0
		4	2427	17.0	17.07	19.0
		6	2437	17.0	17.16	19.0
		8	2447	17.0	17.03	19.0
		9	2452	14.0	14.27	15.0

LeveL1

test Mode	Modulation	Channel number	Fre.(MHz)	power set	output power(dBm)	tune up power
WIFI 2.4G	11b	1	2412	12.0	12.50	14.0
		6	2437	12.0	12.94	14.0
		11	2462	12.0	13.06	14.0
	11g	1	2412	16.0	16.81	18.0
		6	2437	16.0	16.80	18.0
		11	2462	13.0	13.76	14.0
	11n20	1	2412	16.5	17.01	18.0
		6	2437	16.0	16.88	18.0
		11	2462	12.5	13.20	14.0
	11n40	3	2422	13.0	13.38	14.0
		4	2427	16.0	16.04	18.0
		6	2437	16.0	16.12	18.0
		8	2447	16.0	16.06	18.0
		9	2452	14.0	14.27	15.0

LeveL2

test Mode	Modulation	Channel number	Fre.(MHz)	power set	output power(dBm)	tune up power
WIFI	11b	1	2412	12.0	12.50	14.0

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2.4G		6	2437	12.0	12.94	14.0
		11	2462	12.0	13.06	14.0
	11g	1	2412	14.0	14.82	16.0
		6	2437	14.0	14.77	16.0
		11	2462	13.0	13.76	14.0
	11n20	1	2412	14.0	14.69	16.0
		6	2437	14.0	14.78	16.0
		11	2462	12.5	13.20	14.0
	11n40	3	2422	13.0	13.38	14.0
		4	2427	14.0	14.12	16.0
		6	2437	14.0	14.18	16.0
		8	2447	14.0	14.09	16.0
		9	2452	14.0	14.27	15.0

LeveL3

test Mode	Modulation	Channel number	Fre.(MHz)	power set	output power(dBm)	tune up power
WIFI 2.4G	11b	1	2412	12.0	12.50	14.0
		6	2437	12.0	12.94	14.0
		11	2462	12.0	13.06	14.0
	11g	1	2412	17.0	17.63	19.0
		6	2437	17.0	17.92	19.0
		11	2462	13.0	13.76	14.0
	11n20	1	2412	16.5	17.01	18.0
		6	2437	17.0	17.71	19.0
		11	2462	12.5	13.20	14.0
	11n40	3	2422	13.0	13.38	14.0
		4	2427	17.0	17.07	19.0
		6	2437	17.0	17.16	19.0
		8	2447	17.0	17.03	19.0
		9	2452	14.0	14.27	15.0

LeveL4

test Mode	Modulation	Channel number	Fre.(MHz)	power set	output power(dBm)	tune up power
WIFI 2.4G	11b	1	2412	12.0	12.50	14.0
		6	2437	12.0	12.94	14.0
		11	2462	12.0	13.06	14.0
	11g	1	2412	17.0	17.63	19.0
		6	2437	17.0	17.92	19.0
		11	2462	13.0	13.76	14.0
	11n20	1	2412	16.5	17.01	18.0
		6	2437	17.0	17.71	19.0

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		11	2462	12.5	13.20	14.0
	11n40	3	2422	13.0	13.38	14.0
		4	2427	17.0	17.07	19.0
		6	2437	17.0	17.16	19.0
		8	2447	17.0	17.03	19.0
		9	2452	14.0	14.27	15.0

WIFI 5G

Full Power

test Mode	modulation	Channel number	Frequency(MHz)	power set	output power(dBm)	tune up power
WIFI 5G Band1	11a	36	5180	12.0	13.14	14.0
		44	5220	17.0	18.32	19.0
		48	5240	17.0	18.36	19.0
	11n20	36	5180	10.5	11.37	12.0
		44	5220	17.0	18.20	19.0
		48	5240	17.0	18.17	19.0
	11n40	38	5190	9.5	10.46	11.0
		46	5230	17.0	17.91	19.0
	11ac20	36	5180	12.0	13.01	14.0
		44	5220	17.0	18.23	19.0
		48	5240	17.0	18.15	19.0
	11ac40	38	5190	11.0	12.04	13.0
		46	5230	17.0	17.86	19.0
	11ac80	42	5210	10.0	10.89	11.0
WIFI 5G Band2	11a	52	5260	17.0	17.47	19.0
		60	5300	17.0	17.55	19.0
		64	5320	14.0	14.35	15.0
	11n20	52	5260	17.0	17.41	19.0
		60	5300	17.0	12.18	19.0
		64	5320	12.0	12.18	13.0
	11n40	54	5270	17.0	17.05	19.0
		62	5310	12.0	12.26	13.0
	11ac20	52	5260	17.0	17.39	19.0
		60	5300	17.0	17.46	19.0
		64	5320	12.0	12.14	13.0
	11ac40	54	5270	17.0	17.10	19.0
		62	5310	11.5	11.72	12.0
	11ac80	58	5290	12.0	12.12	13.0
WIFI 5G Band3	11a	100	5500	12.5	13.39	14.0
		116	5580	17.0	18.22	19.0
		140	5700	13.0	13.93	15.0

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	11n20	100	5500	12.5	13.34	14.0
		116	5580	17.0	18.11	19.0
		140	5700	11.0	11.69	12.0
	11n40	102	5510	10.5	11.20	12.0
		118	5590	17.0	17.81	19.0
		134	5670	12.0	12.80	13.0
	11ac20	100	5500	12.5	13.25	14.0
		116	5580	17.0	18.16	19.0
		140	5700	12.5	13.27	14.0
	11ac40	102	5510	11.5	12.20	13.0
		118	5590	17.0	17.87	19.0
		134	5670	13.5	14.32	15.0
	11ac80	106	5530	12.0	12.66	13.0
		122	5610	16.0	16.89	17.0
WIFI Band 4	11a	149	5745	17.0	18.00	19.0
		157	5785	17.0	18.04	19.0
		165	5825	17.0	18.14	19.0
	11n20	149	5745	17.0	17.89	19.0
		157	5785	17.0	17.90	19.0
		165	5825	17.0	17.94	19.0
	11n40	151	5755	17.0	17.59	19.0
		159	5795	17.0	17.56	19.0
	11ac20	149	5745	17.0	17.97	19.0
		157	5785	17.0	18.04	19.0
		165	5825	17.0	18.03	19.0
	11ac40	151	5755	17.0	17.57	19.0
		159	5795	17.0	17.58	19.0
	11ac80	155	5775	14.5	15.26	16.0

LeveL1

test Mode	modulation	Channel number	Frequency(MHz)	power set	output power(dBm)	tune up power
WIFI 5G Band1	11a	36	5180	12.0	13.14	14.0
		44	5220	14.0	15.15	16.0
		48	5240	14.0	15.22	16.0
	11n20	36	5180	10.5	11.37	12.0
		44	5220	14.0	15.18	16.0
		48	5240	14.0	15.26	16.0
	11n40	38	5190	9.5	10.46	11.0
		46	5230	14.0	15.44	16.0
	11ac20	36	5180	12.0	13.01	14.0
		44	5220	14.0	15.22	16.0

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		48	5240	14.0	15.29	16.0
	11ac40	38	5190	11.0	12.04	13.0
		46	5230	14.0	15.23	16.0
	11ac80	42	5210	10.0	10.89	11.0
WIFI 5G Band2	11a	52	5260	14.0	14.21	16.0
		60	5300	14.0	14.28	16.0
		64	5320	14.0	14.35	15.0
	11n20	52	5260	14.0	14.23	16.0
		60	5300	14.0	14.27	16.0
		64	5320	12.0	12.18	13.0
	11n40	54	5270	15.5	15.97	16.0
		62	5310	12.0	12.26	13.0
	11ac20	52	5260	14.0	14.25	16.0
		60	5300	14.0	14.22	16.0
		64	5320	12.0	12.14	13.0
	11ac40	54	5270	14.0	14.26	16.0
		62	5310	11.5	11.72	12.0
	11ac80	58	5290	12.0	12.12	13.0
WIFI 5G Band3	11a	100	5500	12.5	13.39	14.0
		116	5580	15.5	15.79	16.0
		140	5700	13.0	13.93	15.0
	11n20	100	5500	12.5	13.34	14.0
		116	5580	15.5	15.89	16.0
		140	5700	11.0	11.69	12.0
	11n40	102	5510	10.5	11.20	12.0
		118	5590	15.5	15.86	16.0
		134	5670	12.0	12.80	13.0
	11ac20	100	5500	12.5	13.25	14.0
		116	5580	15.5	15.91	16.0
		140	5700	12.5	13.27	14.0
	11ac40	102	5510	11.5	12.20	13.0
		118	5590	15.5	15.79	16.0
		134	5670	13.5	14.32	15.0
	11ac80	106	5530	12.0	12.66	13.0
		122	5610	14.0	14.28	16.0
WIFI Band 4	11a	149	5745	15.5	15.81	16.0
		157	5785	15.5	15.82	16.0
		165	5825	15.5	15.79	16.0
	11n20	149	5745	15.5	15.89	16.0
		157	5785	15.5	15.92	16.0
		165	5825	15.5	15.89	16.0
	11n40	151	5755	15.5	15.89	16.0
		159	5795	15.5	15.73	16.0

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	11ac20	149	5745	15.5	15.91	16.0
		157	5785	15.5	15.99	16.0
		165	5825	14.0	14.14	16.0
	11ac40	151	5755	14.0	14.22	16.0
		159	5795	15.5	15.81	16.0
	11ac80	155	5775	14.5	15.26	16.0

LeveL2

test Mode	modulation	Channel number	Frequency(MHz)	power set	output power(dBm)	tune up power
WIFI 5G Band1	11a	36	5180	11.0	12.20	13.0
		44	5220	11.0	12.23	13.0
		48	5240	11.0	12.15	13.0
	11n20	36	5180	10.5	11.37	12.0
		44	5220	11.0	12.13	13.0
		48	5240	11.0	12.22	13.0
	11n40	38	5190	9.5	10.46	11.0
		46	5230	11.0	12.15	13.0
	11ac20	36	5180	11.0	12.05	13.0
		44	5220	11.0	12.16	13.0
		48	5240	11.0	12.22	13.0
	11ac40	38	5190	11.0	12.04	13.0
		46	5230	11.0	12.14	13.0
	11ac80	42	5210	10.0	10.89	11.0
WIFI 5G Band2	11a	52	5260	12.0	12.52	13.0
		60	5300	12.0	12.36	13.0
		64	5320	12.0	12.38	13.0
	11n20	52	5260	12.0	12.33	13.0
		60	5300	12.0	12.49	13.0
		64	5320	12.0	12.18	13.0
	11n40	54	5270	12.0	12.55	13.0
		62	5310	12.0	12.26	13.0
	11ac20	52	5260	12.0	12.30	13.0
		60	5300	12.0	12.49	13.0
		64	5320	12.0	12.14	13.0
	11ac40	54	5270	12.0	12.26	13.0
		62	5310	11.5	11.72	12.0
	11ac80	58	5290	12.0	12.12	13.0
WIFI 5G Band3	11a	100	5500	12.0	12.74	13.0
		116	5580	12.0	12.88	13.0
		140	5700	12.0	12.87	13.0
	11n20	100	5500	12.0	12.84	13.0

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		116	5580	12.0	12.87	13.0
		140	5700	11.0	11.69	12.0
	11n40	102	5510	10.5	11.20	12.0
		118	5590	12.0	12.81	13.0
		134	5670	12.0	12.80	13.0
	11ac20	100	5500	12.0	12.79	13.0
		116	5580	12.0	12.84	13.0
		140	5700	12.0	12.77	13.0
	11ac40	102	5510	11.5	12.20	13.0
		118	5590	12.0	12.84	13.0
		134	5670	12.0	12.94	13.0
	11ac80	106	5530	12.0	12.66	13.0
		122	5610	12.0	12.20	13.0
WIFI Band 4	11a	149	5745	12.0	12.26	13.0
		157	5785	12.0	12.28	13.0
		165	5825	12.0	12.31	13.0
	11n20	149	5745	12.0	12.24	13.0
		157	5785	12.0	12.19	13.0
		165	5825	12.0	12.41	13.0
	11n40	151	5755	12.0	12.25	13.0
		159	5795	12.0	12.35	13.0
	11ac20	149	5745	12.0	12.17	13.0
		157	5785	12.0	12.44	13.0
		165	5825	12.0	12.61	13.0
	11ac40	151	5755	12.0	12.46	13.0
		159	5795	12.0	12.33	13.0
	11ac80	155	5775	12.0	12.34	13.0

LeveL3

test Mode	modulation	Channel number	Frequency(MHz)	power set	output power(dBm)	tune up power
WIFI 5G Band1	11a	36	5180	12.0	13.14	14.0
		44	5220	16.0	17.11	18.0
		48	5240	16.0	17.25	18.0
	11n20	36	5180	10.5	11.37	12.0
		44	5220	16.0	17.32	18.0
		48	5240	16.0	17.20	18.0
	11n40	38	5190	9.5	10.46	11.0
		46	5230	16.0	17.16	18.0
	11ac20	36	5180	12.0	13.01	14.0
		44	5220	16.0	17.21	18.0
		48	5240	16.0	17.14	18.0

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	11ac40	38	5190	11.0	12.04	13.0
		46	5230	16.0	17.19	18.0
	11ac80	42	5210	10.0	10.89	11.0
WIFI 5G Band2	11a	52	5260	16.0	16.41	18.0
		60	5300	16.0	16.39	18.0
		64	5320	14.0	14.35	15.0
	11n20	52	5260	16.0	16.40	18.0
		60	5300	16.0	16.39	18.0
		64	5320	12.0	12.18	13.0
	11n40	54	5270	16.0	16.47	18.0
		62	5310	12.0	12.26	13.0
	11ac20	52	5260	16.0	16.32	18.0
		60	5300	16.0	16.29	18.0
		64	5320	12.0	12.14	13.0
	11ac40	54	5270	16.0	16.22	18.0
		62	5310	11.5	11.72	12.0
	11ac80	58	5290	12.0	12.12	13.0
WIFI 5G Band3	11a	100	5500	12.5	13.39	14.0
		116	5580	16.0	16.48	18.0
		140	5700	13.0	13.93	15.0
	11n20	100	5500	12.5	13.34	14.0
		116	5580	16.0	16.51	18.0
		140	5700	11.0	11.69	12.0
	11n40	102	5510	10.5	11.20	12.0
		118	5590	16.0	16.35	18.0
		134	5670	12.0	12.80	13.0
	11ac20	100	5500	12.5	13.25	14.0
		116	5580	16.0	16.58	18.0
		140	5700	12.5	13.27	14.0
	11ac40	102	5510	11.5	12.20	13.0
		118	5590	16.0	16.46	18.0
		134	5670	13.5	14.32	15.0
	11ac80	106	5530	12.0	12.66	13.0
		122	5610	16.0	16.89	17.0
WIFI Band 4	11a	149	5745	16.0	16.25	18.0
		157	5785	16.0	16.16	18.0
		165	5825	16.0	16.20	18.0
	11n20	149	5745	16.0	16.10	18.0
		157	5785	16.0	16.25	18.0
		165	5825	16.0	16.13	18.0
	11n40	151	5755	16.0	16.13	18.0
		159	5795	16.0	16.12	18.0
	11ac20	149	5745	16.0	16.16	18.0

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		157	5785	16.0	16.14	18.0
		165	5825	16.0	16.10	18.0
	11ac40	151	5755	16.0	16.21	18.0
		159	5795	16.0	16.22	18.0
	11ac80	155	5775	14.5	15.26	16.0

LeveL4

test Mode	modulation	Channel number	Frequency(MHz)	power set	output power(dBm)	tune up power
WIFI 5G Band1	11a	36	5180	12.0	13.14	14.0
		44	5220	14.0	15.15	16.0
		48	5240	14.0	15.22	16.0
	11n20	36	5180	10.5	11.37	12.0
		44	5220	14.0	15.18	16.0
		48	5240	14.0	15.26	16.0
	11n40	38	5190	9.5	10.46	11.0
		46	5230	14.0	15.44	16.0
	11ac20	36	5180	12.0	13.01	14.0
		44	5220	14.0	15.22	16.0
		48	5240	14.0	15.29	16.0
	11ac40	38	5190	11.0	12.04	13.0
		46	5230	14.0	15.23	16.0
	11ac80	42	5210	10.0	10.89	11.0
WIFI 5G Band2	11a	52	5260	14.0	14.21	16.0
		60	5300	14.0	14.28	16.0
		64	5320	14.0	14.35	15.0
	11n20	52	5260	14.0	14.23	16.0
		60	5300	14.0	14.27	16.0
		64	5320	12.0	12.18	13.0
	11n40	54	5270	14.0	14.41	16.0
		62	5310	12.0	12.26	13.0
	11ac20	52	5260	14.0	14.25	16.0
		60	5300	14.0	14.22	16.0
		64	5320	12.0	12.14	13.0
	11ac40	54	5270	14.0	14.26	16.0
		62	5310	11.5	11.72	12.0
	11ac80	58	5290	12.0	12.12	13.0
WIFI 5G Band3	11a	100	5500	12.5	13.39	14.0
		116	5580	14.0	15.18	16.0
		140	5700	13.0	13.93	15.0
	11n20	100	5500	12.5	13.34	14.0
		116	5580	14.0	15.20	16.0

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		140	5700	11.0	11.69	12.0
	11n40	102	5510	10.5	11.20	12.0
		118	5590	14.0	15.23	16.0
		134	5670	12.0	12.80	13.0
	11ac20	100	5500	12.5	13.25	14.0
		116	5580	14.0	15.22	16.0
		140	5700	12.5	13.27	14.0
	11ac40	102	5510	11.5	12.20	13.0
		118	5590	14.0	15.14	16.0
		134	5670	13.5	14.32	15.0
	11ac80	106	5530	12.0	12.66	13.0
		122	5610	14.0	14.28	16.0
WIFI Band 4	11a	149	5745	14.0	14.15	16.0
		157	5785	14.0	14.18	16.0
		165	5825	14.0	14.10	16.0
	11n20	149	5745	14.0	14.25	16.0
		157	5785	14.0	14.16	16.0
		165	5825	14.0	14.18	16.0
	11n40	151	5755	14.0	14.16	16.0
		159	5795	14.0	14.15	16.0
	11ac20	149	5745	14.0	14.18	16.0
		157	5785	14.0	14.20	16.0
		165	5825	14.0	14.14	16.0
	11ac40	151	5755	14.0	14.22	16.0
		159	5795	14.0	14.14	16.0
	11ac80	155	5775	14.5	15.26	16.0

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1.7 Bluetooth Mode

Test Mode	Channel	power set	output power(dBm)	Tune up
BT DH5	Low	7	10.6	11.00
	Middle	7	11.05	12.00
	High	7	13.11	14.00
BT 2DH5	Low	7	10.62	11.00
	Middle	7	11.09	12.00
	High	7	13.18	14.00
BT 3DH5	Low	7	10.53	11.00
	Middle	7	10.97	12.00
	High	7	13.06	14.00
BLE 1M	Low	7	4.99	6.00
	Middle	7	5.91	6.00
	High	7	6.71	8.00
BLE 2M	Low	7	5.19	6.00
	Middle	7	5.99	6.00
	High	7	6.84	8.00

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