



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

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Appendix E

Conducted RF Output Power

Measurement of RF conducted Power	
1	Conducted Power of GSM
2	Conducted Power of WCDMA
3	Conducted Power of LTE
4	Conducted Power of WIFI
5	Conducted Power of Bluetooth

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1 Conducted Power of GSM

Full:

GSM 850 Full Power										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GPRS (GMSK)	1 TX Slot	33.47	33.48	33.35	34.00	-9.19	24.28	24.29	24.16	24.81
	2 TX Slots	32.65	32.77	32.56	33.00	-6.18	26.47	26.59	26.38	26.82
	3 TX Slots	30.51	30.70	30.45	31.00	-4.42	26.09	26.28	26.03	26.58
	4 TX Slots	29.35	29.48	29.23	30.00	-3.17	26.18	26.31	26.06	26.83
EGPRS (GMSK)	1 TX Slot	33.46	33.42	33.28	34.00	-9.19	24.27	24.23	24.09	24.81
	2 TX Slots	32.58	32.71	32.55	33.00	-6.18	26.40	26.53	26.37	26.82
	3 TX Slots	30.41	30.58	30.38	31.00	-4.42	25.99	26.16	25.96	26.58
	4 TX Slots	29.24	29.37	29.18	30.00	-3.17	26.07	26.20	26.01	26.83
EGPRS (8PSK)	1 TX Slot	27.34	27.53	27.12	28.00	-9.19	18.15	18.34	17.93	18.81
	2 TX Slots	26.70	26.50	26.62	27.00	-6.18	20.52	20.32	20.44	20.82
	3 TX Slots	24.74	24.55	24.36	25.00	-4.42	20.32	20.13	19.94	20.58
	4 TX Slots	23.52	23.60	23.35	24.00	-3.17	20.35	20.43	20.18	20.83

GSM 1900 Full Power										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GPRS (GMSK)	1 TX Slot	30.18	30.33	30.31	31.00	-9.19	20.99	21.14	21.12	21.81
	2 TX Slots	29.11	29.33	29.20	30.00	-6.18	22.93	23.15	23.02	23.82
	3 TX Slots	27.07	27.24	27.19	28.00	-4.42	22.65	22.82	22.77	23.58
	4 TX Slots	26.01	26.16	26.03	27.00	-3.17	22.84	22.99	22.86	23.83
EGPRS (GMSK)	1 TX Slot	30.16	30.40	30.38	31.00	-9.19	20.97	21.21	21.19	21.81
	2 TX Slots	29.22	29.36	29.03	30.00	-6.18	23.04	23.18	22.85	23.82
	3 TX Slots	27.18	27.12	27.08	28.00	-4.42	22.76	22.70	22.66	23.58
	4 TX Slots	26.08	26.15	25.93	27.00	-3.17	22.91	22.98	22.76	23.83
EGPRS (8PSK)	1 TX Slot	26.06	26.11	26.39	27.00	-9.19	16.87	16.92	17.20	17.81
	2 TX Slots	25.44	25.69	25.54	26.00	-6.18	19.26	19.51	19.36	19.82
	3 TX Slots	23.52	23.93	23.67	24.00	-4.42	19.10	19.51	19.25	19.58
	4 TX Slots	22.49	22.54	22.49	23.00	-3.17	19.32	19.37	19.32	19.83



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Sensor on:

GSM 850 Sensor on										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GPRS (GMSK)	1 TX Slot	28.32	28.30	28.16	29.00	-9.19	19.13	19.11	18.97	19.81
	2 TX Slots	27.53	27.71	27.42	28.00	-6.18	21.35	21.53	21.24	21.82
	3 TX Slots	25.32	25.51	25.30	26.00	-4.42	20.90	21.09	20.88	21.58
	4 TX Slots	24.09	24.33	24.05	25.00	-3.17	20.92	21.16	20.88	21.83
EGPRS (GMSK)	1 TX Slot	28.38	28.31	28.17	29.00	-9.19	19.19	19.12	18.98	19.81
	2 TX Slots	27.47	27.64	27.38	28.00	-6.18	21.29	21.46	21.20	21.82
	3 TX Slots	25.26	25.51	25.22	26.00	-4.42	20.84	21.09	20.80	21.58
	4 TX Slots	24.10	24.20	24.13	25.00	-3.17	20.93	21.03	20.96	21.83
EGPRS (8PSK)	1 TX Slot	22.17	22.47	21.99	23.00	-9.19	12.98	13.28	12.80	13.81
	2 TX Slots	21.52	21.36	21.55	22.00	-6.18	15.34	15.18	15.37	15.82
	3 TX Slots	19.63	19.40	19.18	20.00	-4.42	15.21	14.98	14.76	15.58
	4 TX Slots	18.47	18.41	18.20	19.00	-3.17	15.30	15.24	15.03	15.83

GSM 1900 Sensor on										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GPRS (GMSK)	1 TX Slot	23.41	23.43	23.42	24.00	-9.19	14.22	14.24	14.23	14.81
	2 TX Slots	22.30	22.48	22.32	23.00	-6.18	16.12	16.30	16.14	16.82
	3 TX Slots	20.22	20.39	20.38	21.00	-4.42	15.80	15.97	15.96	16.58
	4 TX Slots	19.57	19.58	19.49	20.00	-3.17	16.40	16.41	16.32	16.83
EGPRS (GMSK)	1 TX Slot	23.27	23.54	23.51	24.00	-9.19	14.08	14.35	14.32	14.81
	2 TX Slots	22.43	22.56	22.15	23.00	-6.18	16.25	16.38	15.97	16.82
	3 TX Slots	20.29	20.28	20.24	21.00	-4.42	15.87	15.86	15.82	16.58
	4 TX Slots	19.24	19.31	19.05	20.00	-3.17	16.07	16.14	15.88	16.83
EGPRS (8PSK)	1 TX Slot	19.23	19.33	19.53	20.00	-9.19	10.04	10.14	10.34	10.81
	2 TX Slots	18.57	18.91	18.75	19.00	-6.18	12.39	12.73	12.57	12.82
	3 TX Slots	16.73	16.90	16.88	17.00	-4.42	12.31	12.48	12.46	12.58
	4 TX Slots	15.61	15.65	15.61	16.00	-3.17	12.44	12.48	12.44	12.83



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2 Conducted Power of WCDMA

Full:

WCDMA Band II Full Power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.76	23.88	23.85	24.00
HSDPA	Subtest 1	22.09	22.14	22.18	23.00
	Subtest 2	22.06	22.15	22.31	23.00
	Subtest 3	22.11	22.18	22.17	23.00
	Subtest 4	22.13	22.15	22.18	23.00
HSUPA	Subtest 1	20.85	20.57	20.91	21.00
	Subtest 2	20.87	20.49	20.83	21.00
	Subtest 3	20.73	20.50	20.92	21.00
	Subtest 4	20.81	20.53	20.80	21.00
	Subtest 5	20.75	20.44	20.86	21.00
DC-HSDPA	Subtest 1	22.03	22.00	22.13	23.00
	Subtest 2	21.80	21.93	22.12	23.00
	Subtest 3	21.92	21.88	21.83	23.00
	Subtest 4	21.91	21.80	22.06	23.00
HSPA+	16QAM	19.79	19.93	20.02	21.00

WCDMA Band IV Full Power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.63	23.8	23.74	24.00
HSDPA	Subtest 1	22.02	22.08	22.08	23.00
	Subtest 2	21.92	22.06	22.09	23.00
	Subtest 3	21.91	22.03	21.95	23.00
	Subtest 4	21.92	22.00	22.14	23.00
HSUPA	Subtest 1	20.66	20.48	20.77	21.00
	Subtest 2	20.83	20.36	20.72	21.00
	Subtest 3	20.64	20.44	20.78	21.00
	Subtest 4	20.68	20.52	20.83	21.00
	Subtest 5	20.73	20.37	20.78	21.00
DC-HSDPA	Subtest 1	21.88	22.00	21.89	23.00
	Subtest 2	21.62	21.82	22.02	23.00
	Subtest 3	21.76	21.79	21.75	23.00
	Subtest 4	21.91	21.77	21.98	23.00
HSPA+	16QAM	19.68	19.89	19.82	21.00



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WCDMA Band V Full Power					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.72	23.79	23.63	24.00
HSDPA	Subtest 1	22.15	22.05	22.22	23.00
	Subtest 2	21.91	22.04	22.19	23.00
	Subtest 3	22.01	22.03	21.98	23.00
	Subtest 4	21.94	21.92	22.16	23.00
HSUPA	Subtest 1	20.81	20.48	20.78	21.00
	Subtest 2	20.83	20.49	20.83	21.00
	Subtest 3	20.70	20.40	20.77	21.00
	Subtest 4	20.66	20.42	20.71	21.00
	Subtest 5	20.76	20.40	20.70	21.00
DC-HSDPA	Subtest 1	21.83	21.83	21.88	23.00
	Subtest 2	21.59	21.66	21.94	23.00
	Subtest 3	21.66	21.85	21.82	23.00
	Subtest 4	21.82	21.70	21.93	23.00
HSPA+	16QAM	19.61	19.87	19.81	21.00



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Sensor on:

WCDMA Band II Sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.33	19.44	19.36	20.00
HSDPA	Subtest 1	17.63	17.62	17.71	19.00
	Subtest 2	17.56	17.66	17.79	19.00
	Subtest 3	17.58	17.64	17.64	19.00
	Subtest 4	17.69	17.73	17.76	19.00
HSUPA	Subtest 1	16.38	16.04	16.49	17.00
	Subtest 2	16.33	16.02	16.31	17.00
	Subtest 3	16.27	15.95	16.41	17.00
	Subtest 4	16.33	16.00	16.28	17.00
	Subtest 5	16.26	16.01	16.43	17.00
DC-HSDPA	Subtest 1	17.53	17.50	17.69	19.00
	Subtest 2	17.32	17.49	17.66	19.00
	Subtest 3	17.40	17.36	17.36	19.00
	Subtest 4	17.49	17.26	17.65	19.00
HSPA+	16QAM	15.25	15.44	15.50	17.00

WCDMA Band IV Sensor on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.55	21.71	21.67	22.00
HSDPA	Subtest 1	19.94	19.89	20.00	21.00
	Subtest 2	19.82	19.94	19.94	21.00
	Subtest 3	19.73	19.84	19.75	21.00
	Subtest 4	19.82	19.91	20.08	21.00
HSUPA	Subtest 1	18.57	18.32	18.66	19.00
	Subtest 2	18.72	18.24	18.59	19.00
	Subtest 3	18.47	18.26	18.60	19.00
	Subtest 4	18.48	18.37	18.66	19.00
	Subtest 5	18.62	18.24	18.62	19.00
DC-HSDPA	Subtest 1	19.77	19.90	19.76	21.00
	Subtest 2	19.53	19.71	19.93	21.00
	Subtest 3	19.64	19.62	19.58	21.00
	Subtest 4	19.71	19.72	19.82	21.00
HSPA+	16QAM	17.52	17.82	17.66	19.00



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WCDMA Band V Sensor on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.56	21.64	21.51	22.00
HSDPA	Subtest 1	20.08	19.89	20.06	21.00
	Subtest 2	19.80	19.89	20.07	21.00
	Subtest 3	19.92	19.90	19.81	21.00
	Subtest 4	19.87	19.73	20.06	21.00
HSUPA	Subtest 1	18.66	18.33	18.59	19.00
	Subtest 2	18.76	18.29	18.77	19.00
	Subtest 3	18.65	18.32	18.60	19.00
	Subtest 4	18.55	18.33	18.66	19.00
	Subtest 5	18.57	18.32	18.54	19.00
DC-HSDPA	Subtest 1	19.73	19.75	19.70	21.00
	Subtest 2	19.44	19.55	19.89	21.00
	Subtest 3	19.56	19.78	19.71	21.00
	Subtest 4	19.72	19.51	19.80	21.00
HSPA+	16QAM	17.51	17.71	17.69	19.00



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3 Conducted Power of LTE

Full:

LTE Band 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.75	22.76	22.90	24.00
		1	2	22.78	22.88	22.82	24.00
		1	5	22.86	22.79	22.75	24.00
		3	0	22.85	22.85	22.75	24.00
		3	2	22.89	22.77	22.80	24.00
		3	3	22.86	22.79	22.82	24.00
		6	0	21.84	21.85	21.80	23.00
	16QAM	1	0	21.86	21.78	21.81	23.00
		1	2	21.78	21.84	21.83	23.00
		1	5	21.78	21.80	21.85	23.00
		3	0	21.76	21.84	21.80	23.00
		3	2	21.83	21.86	21.85	23.00
		3	3	21.81	21.82	21.78	23.00
		6	0	20.88	20.76	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.80	22.93	22.88	24.00
		1	7	22.59	22.82	22.73	24.00
		1	14	22.74	22.59	22.64	24.00
		8	0	21.89	21.99	21.85	23.00
		8	4	21.90	21.96	21.95	23.00
		8	7	21.92	21.85	21.69	23.00
		15	0	21.90	21.96	21.94	23.00
	16QAM	1	0	22.21	22.19	22.08	23.00
		1	7	22.27	22.32	22.14	23.00
		1	14	22.30	22.39	22.32	23.00
		8	0	20.96	20.92	20.81	22.00
		8	4	20.80	20.83	20.76	22.00
		8	7	20.80	20.88	20.85	22.00
		15	0	20.88	20.94	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.74	22.98	22.76	24.00
		1	13	22.70	22.68	22.70	24.00
		1	24	22.74	22.63	22.61	24.00
		12	0	21.94	21.99	21.90	23.00
		12	6	21.85	21.95	21.87	23.00
		12	13	21.87	21.89	21.65	23.00
		25	0	21.98	21.87	21.92	23.00
	16QAM	1	0	22.30	22.21	22.03	23.00
		1	13	22.25	22.23	22.18	23.00
		1	24	22.20	22.42	22.32	23.00
		12	0	20.97	20.95	20.86	22.00
		12	6	20.78	20.87	20.72	22.00
		12	13	20.79	20.96	20.83	22.00
		25	0	20.87	20.97	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	



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10MHz	QPSK	1	0	22.70	22.92	22.79	24.00
		1	25	22.70	22.76	22.74	24.00
		1	49	22.64	22.62	22.68	24.00
		25	0	22.00	21.97	21.84	23.00
		25	13	21.82	21.91	21.83	23.00
		25	25	21.88	21.82	21.75	23.00
		50	0	21.90	21.96	21.88	23.00
	16QAM	1	0	22.18	22.21	22.12	23.00
		1	25	22.20	22.35	22.14	23.00
		1	49	22.31	22.37	22.36	23.00
		25	0	20.94	20.99	20.84	22.00
		25	13	20.72	20.90	20.78	22.00
		25	25	20.69	20.89	20.88	22.00
		50	0	20.87	21.05	20.82	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.74	22.92	22.85	24.00
		1	38	22.68	22.71	22.79	24.00
		1	74	22.71	22.66	22.59	24.00
		36	0	21.89	21.92	21.78	23.00
		36	18	21.80	21.88	21.91	23.00
		36	39	21.90	21.95	21.73	23.00
		75	0	21.91	21.88	21.87	23.00
	16QAM	1	0	22.29	22.25	22.08	23.00
		1	38	22.29	22.27	22.14	23.00
		1	74	22.31	22.39	22.36	23.00
		36	0	21.01	20.90	20.76	22.00
		36	18	20.76	20.86	20.77	22.00
		36	39	20.72	20.84	20.83	22.00
		75	0	20.90	20.98	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.78	22.99	22.83	24.00
		1	50	22.68	22.72	22.68	24.00
		1	99	22.64	22.65	22.68	24.00
		50	0	21.93	22.06	21.77	23.00
		50	25	21.82	21.89	21.85	23.00
		50	50	21.85	21.90	21.68	23.00
		100	0	21.90	21.88	21.92	23.00
	16QAM	1	0	22.21	22.22	22.06	23.00
		1	50	22.26	22.25	22.13	23.00
		1	99	22.31	22.35	22.35	23.00
		50	0	20.97	20.93	20.82	22.00
		50	25	20.84	20.85	20.76	22.00
		50	50	20.71	20.96	20.81	22.00
		100	0	20.80	20.93	20.80	22.00



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LTE Band 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.89	22.84	22.78	24.00
		1	2	22.83	22.84	22.80	24.00
		1	5	22.77	22.83	22.86	24.00
		3	0	22.87	22.77	22.83	24.00
		3	2	22.80	22.79	22.77	24.00
		3	3	22.88	22.85	22.75	24.00
		6	0	21.79	21.83	21.83	23.00
	16QAM	1	0	21.79	21.78	21.83	23.00
		1	2	21.90	21.85	21.79	23.00
		1	5	21.80	21.86	21.77	23.00
		3	0	21.77	21.82	21.81	23.00
		3	2	21.88	21.82	21.82	23.00
		3	3	21.88	21.79	21.81	23.00
		6	0	20.86	20.75	20.87	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.80	22.94	22.82	24.00
		1	7	22.58	22.74	22.71	24.00
		1	14	22.73	22.70	22.56	24.00
		8	0	21.95	22.01	21.90	23.00
		8	4	21.85	22.02	21.89	23.00
		8	7	21.97	21.83	21.74	23.00
		15	0	22.00	22.00	21.92	23.00
	16QAM	1	0	22.25	22.33	22.09	23.00
		1	7	22.15	22.29	22.19	23.00
		1	14	22.26	22.35	22.34	23.00
		8	0	20.96	20.91	20.78	22.00
		8	4	20.71	20.92	20.79	22.00
		8	7	20.79	20.97	20.87	22.00
		15	0	20.87	20.99	20.84	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.67	22.93	22.89	24.00
		1	13	22.68	22.81	22.65	24.00
		1	24	22.71	22.62	22.67	24.00
		12	0	21.87	21.92	21.81	23.00
		12	6	21.78	21.92	21.81	23.00
		12	13	21.96	21.94	21.78	23.00
		25	0	21.98	21.87	21.97	23.00
	16QAM	1	0	22.30	22.32	22.07	23.00
		1	13	22.26	22.31	22.18	23.00
		1	24	22.25	22.48	22.28	23.00
		12	0	20.92	20.94	20.84	22.00
		12	6	20.83	20.91	20.72	22.00
		12	13	20.72	20.89	20.82	22.00
		25	0	20.84	20.97	20.88	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.71	23.00	22.87	24.00
		1	25	22.58	22.83	22.77	24.00
		1	49	22.68	22.70	22.67	24.00
		25	0	21.98	22.00	21.86	23.00
		25	13	21.79	21.88	21.85	23.00
		25	25	21.94	21.97	21.71	23.00
		50	0	21.92	21.87	21.87	23.00
	16QAM	1	0	22.25	22.21	22.09	23.00
		1	25	22.26	22.34	22.07	23.00
		1	49	22.32	22.48	22.37	23.00
		25	0	20.99	20.99	20.82	22.00
		25	13	20.73	20.96	20.76	22.00
		25	25	20.75	20.98	20.87	22.00
		50	0	20.87	20.95	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.80	23.04	22.89	24.00
		1	38	22.70	22.71	22.76	24.00
		1	74	22.69	22.62	22.56	24.00
		36	0	21.86	22.05	21.82	23.00
		36	18	21.83	21.99	21.82	23.00
		36	39	21.98	21.84	21.65	23.00
		75	0	21.94	21.97	21.91	23.00
	16QAM	1	0	22.21	22.20	22.08	23.00
		1	38	22.27	22.24	22.12	23.00
		1	74	22.25	22.41	22.31	23.00
		36	0	20.93	20.88	20.75	22.00
		36	18	20.76	20.94	20.67	22.00
		36	39	20.75	20.95	20.81	22.00
		75	0	20.82	21.05	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.76	23.06	22.88	24.00
		1	50	22.59	22.81	22.70	24.00
		1	99	22.66	22.65	22.58	24.00
		50	0	21.92	21.97	21.90	23.00
		50	25	21.77	22.01	21.82	23.00
		50	50	21.87	21.93	21.72	23.00
		100	0	21.94	21.96	21.96	23.00
	16QAM	1	0	22.25	22.33	22.01	23.00
		1	50	22.27	22.33	22.18	23.00
		1	99	22.28	22.37	22.33	23.00
		50	0	20.91	20.98	20.73	22.00
		50	25	20.78	20.96	20.67	22.00
		50	50	20.80	20.96	20.79	22.00
		100	0	20.93	20.93	20.77	22.00



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LTE Band 5 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.84	22.89	22.76	24.00
		1	2	22.75	22.82	22.86	24.00
		1	5	22.88	22.77	22.85	24.00
		3	0	22.88	22.75	22.82	24.00
		3	2	22.81	22.84	22.79	24.00
		3	3	22.80	22.76	22.90	24.00
		6	0	21.83	21.83	21.76	23.00
	16QAM	1	0	21.80	21.89	21.89	23.00
		1	2	21.89	21.82	21.77	23.00
		1	5	21.89	21.81	21.84	23.00
		3	0	21.79	21.85	21.82	23.00
		3	2	21.77	21.89	21.84	23.00
		3	3	21.80	21.83	21.85	23.00
		6	0	20.86	20.83	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.68	22.89	22.78	24.00
		1	7	22.62	22.80	22.79	24.00
		1	14	22.71	22.63	22.66	24.00
		8	0	21.91	21.92	21.92	23.00
		8	4	21.79	21.97	21.92	23.00
		8	7	21.86	21.86	21.67	23.00
		15	0	22.03	21.89	21.98	23.00
	16QAM	1	0	22.20	22.24	22.12	23.00
		1	7	22.27	22.36	22.11	23.00
		1	14	22.29	22.39	22.29	23.00
		8	0	20.99	20.94	20.72	22.00
		8	4	20.76	20.83	20.73	22.00
		8	7	20.78	20.95	20.80	22.00
		15	0	20.93	20.93	20.87	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.72	22.90	22.88	24.00
		1	13	22.61	22.71	22.71	24.00
		1	24	22.65	22.72	22.63	24.00
		12	0	21.87	21.94	21.79	23.00
		12	6	21.91	22.01	21.94	23.00
		12	13	21.84	21.92	21.68	23.00
		25	0	21.91	21.90	21.89	23.00
	16QAM	1	0	22.30	22.31	22.01	23.00
		1	13	22.25	22.33	22.13	23.00
		1	24	22.27	22.47	22.32	23.00
		12	0	20.99	20.88	20.82	22.00
		12	6	20.77	20.91	20.77	22.00
		12	13	20.70	20.96	20.84	22.00
		25	0	20.91	20.95	20.89	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.72	22.98	22.77	24.00
		1	25	22.62	22.79	22.75	24.00
		1	49	22.65	22.69	22.62	24.00
		25	0	22.01	21.99	21.85	23.00
		25	13	21.90	21.88	21.88	23.00
		25	25	21.97	21.85	21.76	23.00
		50	0	21.90	21.88	21.93	23.00
	16QAM	1	0	22.18	22.20	22.07	23.00
		1	25	22.26	22.26	22.12	23.00
		1	49	22.24	22.37	22.31	23.00
		25	0	20.96	20.88	20.83	22.00
		25	13	20.83	20.89	20.71	22.00
		25	25	20.75	20.91	20.75	22.00
		50	0	20.91	21.00	20.81	22.00



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LTE Band 7 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.44	22.72	22.46	24.00
		1	13	22.35	22.41	22.40	24.00
		1	24	22.36	22.31	22.34	24.00
		12	0	21.67	21.69	21.47	23.00
		12	6	21.56	21.63	21.58	23.00
		12	13	21.66	21.53	21.40	23.00
		25	0	21.59	21.61	21.62	23.00
	16QAM	1	0	21.92	21.89	21.74	23.00
		1	13	21.92	22.03	21.78	23.00
		1	24	21.89	22.09	22.00	23.00
		12	0	20.61	20.66	20.51	22.00
		12	6	20.46	20.62	20.38	22.00
		12	13	20.41	20.63	20.51	22.00
		25	0	20.53	20.76	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.48	22.65	22.47	24.00
		1	25	22.33	22.46	22.48	24.00
		1	49	22.29	22.35	22.40	24.00
		25	0	21.63	21.74	21.53	23.00
		25	13	21.60	21.66	21.54	23.00
		25	25	21.61	21.53	21.45	23.00
		50	0	21.65	21.68	21.69	23.00
	16QAM	1	0	21.92	22.02	21.74	23.00
		1	25	21.96	22.06	21.87	23.00
		1	49	21.95	22.10	21.93	23.00
		25	0	20.69	20.66	20.49	22.00
		25	13	20.56	20.59	20.41	22.00
		25	25	20.43	20.61	20.46	22.00
		50	0	20.55	20.65	20.56	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.38	22.66	22.57	24.00
		1	38	22.26	22.43	22.44	24.00
		1	74	22.42	22.38	22.35	24.00
		36	0	21.61	21.71	21.54	23.00
		36	18	21.50	21.71	21.52	23.00
		36	39	21.67	21.58	21.35	23.00
		75	0	21.62	21.56	21.67	23.00
	16QAM	1	0	21.99	21.90	21.86	23.00
		1	38	21.89	22.04	21.78	23.00
		1	74	21.92	22.14	21.95	23.00
		36	0	20.63	20.60	20.44	22.00
		36	18	20.48	20.54	20.40	22.00
		36	39	20.45	20.64	20.46	22.00
		75	0	20.61	20.76	20.51	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.51	22.74	22.49	24.00
		1	50	22.38	22.52	22.49	24.00
		1	99	22.33	22.28	22.39	24.00
		50	0	21.63	21.75	21.59	23.00
		50	25	21.58	21.68	21.54	23.00
		50	50	21.67	21.61	21.46	23.00
		100	0	21.72	21.62	21.64	23.00
	16QAM	1	0	21.96	22.02	21.77	23.00
		1	50	21.90	21.95	21.83	23.00
		1	99	21.92	22.07	22.01	23.00
		50	0	20.73	20.63	20.56	22.00
		50	25	20.55	20.53	20.44	22.00
		50	50	20.41	20.68	20.54	22.00
		100	0	20.60	20.62	20.50	22.00



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LTE Band 25 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	22.85	22.79	22.76	24.00
		1	2	22.86	22.77	22.81	24.00
		1	5	22.86	22.81	22.88	24.00
		3	0	22.79	22.81	22.86	24.00
		3	1	22.90	22.80	22.86	24.00
		3	3	22.76	22.89	22.80	24.00
		6	0	21.86	21.88	21.79	23.00
	16QAM	1	0	21.89	21.81	21.77	23.00
		1	2	21.77	21.87	21.77	23.00
		1	5	21.84	21.79	21.76	23.00
		3	0	21.89	21.79	21.88	23.00
		3	1	21.83	21.85	21.75	23.00
		3	3	21.82	21.77	21.86	23.00
		6	0	20.79	20.77	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	22.78	23.04	22.89	24.00
		1	7	22.71	22.90	22.83	24.00
		1	14	22.81	22.80	22.74	24.00
		8	0	21.99	22.08	21.97	23.00
		8	4	21.98	22.00	21.97	23.00
		8	7	21.97	22.05	21.88	23.00
		15	0	22.00	22.11	22.09	23.00
	16QAM	1	0	22.26	22.36	22.19	23.00
		1	7	22.27	22.38	22.28	23.00
		1	14	22.36	22.54	22.41	23.00
		8	0	21.05	20.99	20.97	22.00
		8	4	20.89	20.95	20.78	22.00
		8	7	20.78	20.98	20.91	22.00
		15	0	20.91	21.12	21.01	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	22.88	23.13	22.86	24.00
		1	13	22.73	22.85	22.84	24.00
		1	24	22.76	22.73	22.71	24.00
		12	0	22.10	22.05	21.99	23.00
		12	6	21.93	22.01	22.04	23.00
		12	13	22.01	21.95	21.77	23.00
		25	0	22.05	21.97	21.95	23.00
	16QAM	1	0	22.40	22.32	22.20	23.00
		1	13	22.34	22.43	22.27	23.00
		1	24	22.34	22.52	22.40	23.00
		12	0	21.09	21.06	20.87	22.00
		12	6	20.92	21.04	20.74	22.00
		12	13	20.81	20.96	20.84	22.00
		25	0	21.02	21.16	21.01	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	22.79	23.11	22.89	24.00
		1	25	22.73	22.88	22.81	24.00
		1	49	22.82	22.69	22.72	24.00
		25	0	22.00	22.16	21.97	23.00
		25	13	21.94	22.12	21.99	23.00
		25	25	22.04	21.99	21.77	23.00
		50	0	22.06	22.03	21.96	23.00
	16QAM	1	0	22.31	22.38	22.22	23.00
		1	25	22.30	22.39	22.16	23.00
		1	49	22.40	22.47	22.33	23.00
		25	0	21.12	21.03	20.83	22.00
		25	13	20.86	20.96	20.78	22.00
		25	25	20.83	20.96	20.88	22.00
		50	0	20.93	21.10	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	22.82	23.07	22.90	24.00
		1	38	22.76	22.85	22.82	24.00
		1	74	22.80	22.77	22.69	24.00
		36	0	22.08	22.08	21.88	23.00
		36	18	21.96	22.04	21.96	23.00
		36	39	22.03	21.93	21.79	23.00
		75	0	22.10	22.03	22.02	23.00
	16QAM	1	0	22.28	22.44	22.23	23.00
		1	38	22.37	22.37	22.22	23.00
		1	74	22.42	22.52	22.42	23.00
		36	0	20.99	20.98	20.85	22.00
		36	18	20.87	20.92	20.76	22.00
		36	39	20.91	20.98	20.93	22.00
		75	0	20.93	21.16	20.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	22.80	23.15	22.99	24.00
		1	50	22.79	22.90	22.80	24.00
		1	99	22.75	22.77	22.69	24.00
		50	0	22.04	22.07	22.00	23.00
		50	25	21.98	22.05	22.05	23.00
		50	50	21.99	21.95	21.79	23.00
		100	0	22.04	21.97	22.02	23.00
	16QAM	1	0	22.31	22.34	22.25	23.00
		1	50	22.28	22.40	22.16	23.00
		1	99	22.37	22.56	22.41	23.00
		50	0	21.06	21.06	20.93	22.00
		50	25	20.94	20.93	20.76	22.00
		50	50	20.80	21.02	20.87	22.00
		100	0	20.92	21.12	20.94	22.00



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LTE FDD Band 30 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	22.27	22.57	22.38	24.00
		1	13	22.17	22.36	22.31	24.00
		1	24	22.34	22.32	22.18	24.00
		12	0	21.51	21.62	21.41	23.00
		12	6	21.46	21.51	21.48	23.00
		12	13	21.56	21.57	21.33	23.00
		25	0	21.63	21.47	21.54	23.00
	16QAM	1	0	21.84	21.91	21.66	23.00
		1	13	21.88	21.90	21.72	23.00
		1	24	21.87	22.05	21.90	23.00
		12	0	20.55	20.51	20.33	22.00
		12	6	20.46	20.45	20.26	22.00
		12	13	20.35	20.48	20.39	22.00
		25	0	20.45	20.62	20.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	27710	/	24.00
		1	25	/	22.36	/	24.00
		1	49	/	22.21	/	24.00
		25	0	/	21.59	/	23.00
		25	13	/	21.59	/	23.00
		25	25	/	21.5	/	23.00
		50	0	/	21.46	/	23.00
	16QAM	1	0	/	21.88	/	23.00
		1	25	/	21.96	/	23.00
		1	49	/	22	/	23.00
		25	0	/	20.48	/	22.00
		25	13	/	20.41	/	22.00
		25	25	/	20.51	/	22.00
		50	0	/	20.59	/	22.00



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LTE FDD Band 12 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.72	22.79	22.68	24.00
		1	2	22.70	22.76	22.66	24.00
		1	5	22.71	22.75	22.70	24.00
		3	0	22.76	22.67	22.69	24.00
		3	2	22.68	22.74	22.68	24.00
		3	3	22.76	22.76	22.75	24.00
		6	0	21.76	21.79	21.80	23.00
	16QAM	1	0	21.70	21.70	21.69	23.00
		1	2	21.68	21.66	21.68	23.00
		1	5	21.75	21.65	21.75	23.00
		3	0	21.78	21.68	21.71	23.00
		3	2	21.77	21.79	21.73	23.00
		3	3	21.75	21.79	21.76	23.00
		6	0	20.68	20.69	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	22.77	23.10	22.87	24.00
		1	7	22.75	22.90	22.82	24.00
		1	14	22.76	22.72	22.73	24.00
		8	0	22.11	22.15	22.01	23.00
		8	4	22.00	21.99	21.95	23.00
		8	7	21.99	21.96	21.76	23.00
		15	0	22.02	22.10	22.08	23.00
	16QAM	1	0	22.27	22.34	22.19	23.00
		1	7	22.26	22.34	22.21	23.00
		1	14	22.40	22.55	22.39	23.00
		8	0	21.06	20.98	20.83	22.00
		8	4	20.88	21.00	20.80	22.00
		8	7	20.88	21.00	20.90	22.00
		15	0	21.03	21.09	20.96	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	22.83	23.07	22.90	24.00
		1	13	22.80	22.91	22.82	24.00
		1	24	22.82	22.78	22.71	24.00
		12	0	22.10	22.15	22.02	23.00
		12	6	21.92	22.03	21.94	23.00
		12	13	22.05	22.01	21.74	23.00
		25	0	22.04	22.03	22.04	23.00
	16QAM	1	0	22.41	22.35	22.17	23.00
		1	13	22.37	22.35	22.18	23.00
		1	24	22.29	22.47	22.34	23.00
		12	0	21.06	21.04	20.83	22.00
		12	6	20.84	21.05	20.86	22.00
		12	13	20.85	21.02	20.86	22.00
		25	0	20.97	21.08	20.98	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	22.87	23.11	22.89	24.00
		1	25	22.72	22.90	22.82	24.00
		1	49	22.73	22.81	22.72	24.00
		25	0	22.02	22.05	21.93	23.00
		25	13	21.89	22.06	21.97	23.00
		25	25	22.00	22.01	21.86	23.00
		50	0	21.99	22.08	22.03	23.00
	16QAM	1	0	22.36	22.32	22.24	23.00
		1	25	22.38	22.41	22.20	23.00
		1	49	22.43	22.57	22.33	23.00
		25	0	21.01	21.00	20.90	22.00
		25	13	20.90	21.04	20.82	22.00
		25	25	20.80	20.98	20.89	22.00
		50	0	20.93	21.13	21.01	22.00



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LTE FDD Band 13 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.61	22.85	22.68	24.00
		1	13	22.45	22.67	22.69	24.00
		1	24	22.55	22.51	22.55	24.00
		12	0	21.78	21.88	21.68	23.00
		12	6	21.76	21.91	21.71	23.00
		12	13	21.74	21.78	21.60	23.00
		25	0	21.90	21.89	21.80	23.00
	16QAM	1	0	22.09	22.16	22.03	23.00
		1	13	22.15	22.25	22.02	23.00
		1	24	22.09	22.35	22.26	23.00
		12	0	20.85	20.89	20.69	22.00
		12	6	20.66	20.78	20.68	22.00
		12	13	20.72	20.83	20.77	22.00
		25	0	20.75	20.88	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	22.86	/	24.00
		1	25	/	22.63	/	24.00
		1	49	/	22.52	/	24.00
		25	0	/	21.93	/	23.00
		25	13	/	21.82	/	23.00
		25	25	/	21.74	/	23.00
		50	0	/	21.81	/	23.00
	16QAM	1	0	/	22.15	/	23.00
		1	25	/	22.15	/	23.00
		1	49	/	22.33	/	23.00
		25	0	/	20.84	/	22.00
		25	13	/	20.85	/	22.00
		25	25	/	20.76	/	22.00
		50	0	/	20.87	/	22.00



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LTE FDD Band 14 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	22.67	22.83	22.76	24.00
		1	13	22.52	22.66	22.61	24.00
		1	24	22.59	22.61	22.58	24.00
		12	0	21.78	21.87	21.80	23.00
		12	6	21.70	21.83	21.84	23.00
		12	13	21.75	21.78	21.67	23.00
		25	0	21.80	21.89	21.90	23.00
	16QAM	1	0	22.20	22.20	22.00	23.00
		1	13	22.11	22.15	21.99	23.00
		1	24	22.11	22.39	22.16	23.00
		12	0	20.78	20.86	20.71	22.00
		12	6	20.66	20.85	20.63	22.00
		12	13	20.62	20.83	20.72	22.00
		25	0	20.73	20.94	20.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23330	/	24.00
		1	25	/	22.72	/	24.00
		1	49	/	22.54	/	24.00
		25	0	/	21.86	/	23.00
		25	13	/	21.88	/	23.00
		25	25	/	21.75	/	23.00
		50	0	/	21.88	/	23.00
	16QAM	1	0	/	22.15	/	23.00
		1	25	/	22.14	/	23.00
		1	49	/	22.28	/	23.00
		25	0	/	20.91	/	22.00
		25	13	/	20.74	/	22.00
		25	25	/	20.75	/	22.00
		50	0	/	20.85	/	22.00



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LTE FDD Band 17 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	22.68	22.90	22.66	24.00
		1	13	22.48	22.71	22.69	24.00
		1	24	22.61	22.62	22.54	24.00
		12	0	21.84	21.89	21.74	23.00
		12	6	21.72	21.89	21.83	23.00
		12	13	21.87	21.78	21.66	23.00
		25	0	21.84	21.78	21.75	23.00
	16QAM	1	0	22.09	22.17	21.96	23.00
		1	13	22.13	22.23	21.97	23.00
		1	24	22.10	22.35	22.15	23.00
		12	0	20.86	20.91	20.66	22.00
		12	6	20.75	20.77	20.57	22.00
		12	13	20.60	20.88	20.64	22.00
		25	0	20.80	20.87	20.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	22.69	22.92	22.71	24.00
		1	25	22.56	22.65	22.60	24.00
		1	49	22.59	22.57	22.51	24.00
		25	0	21.79	21.95	21.68	23.00
		25	13	21.80	21.85	21.79	23.00
		25	25	21.80	21.86	21.66	23.00
		50	0	21.91	21.82	21.75	23.00
	16QAM	1	0	22.09	22.11	21.99	23.00
		1	25	22.16	22.18	22.04	23.00
		1	49	22.16	22.34	22.16	23.00
		25	0	20.84	20.80	20.66	22.00
		25	13	20.65	20.81	20.57	22.00
		25	25	20.59	20.77	20.73	22.00
		50	0	20.78	20.91	20.69	22.00



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LTE Band 26 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.67	22.70	22.79	24.00
		1	2	22.67	22.68	22.66	24.00
		1	5	22.72	22.78	22.76	24.00
		3	0	22.73	22.72	22.78	24.00
		3	2	22.74	22.77	22.80	24.00
		3	3	22.66	22.65	22.71	24.00
		6	0	21.73	21.72	21.78	23.00
	16QAM	1	0	21.79	21.65	21.70	23.00
		1	2	21.80	21.77	21.77	23.00
		1	5	21.67	21.70	21.78	23.00
		3	0	21.71	21.66	21.68	23.00
		3	2	21.79	21.76	21.70	23.00
		3	3	21.76	21.67	21.66	23.00
		6	0	20.76	20.80	20.69	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	22.89	23.01	22.91	24.00
		1	7	22.70	22.84	22.79	24.00
		1	14	22.73	22.83	22.70	24.00
		8	0	22.07	22.07	21.97	23.00
		8	4	21.94	22.06	22.04	23.00
		8	7	22.03	22.01	21.84	23.00
		15	0	22.12	22.03	22.00	23.00
	16QAM	1	0	22.33	22.33	22.24	23.00
		1	7	22.30	22.47	22.20	23.00
		1	14	22.30	22.57	22.37	23.00
		8	0	21.06	21.05	20.90	22.00
		8	4	20.91	20.95	20.80	22.00
		8	7	20.79	20.98	20.86	22.00
		15	0	21.03	21.11	20.99	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	22.83	23.03	22.92	24.00
		1	13	22.70	22.93	22.83	24.00
		1	24	22.79	22.81	22.71	24.00
		12	0	22.03	22.06	21.93	23.00
		12	6	21.92	21.98	22.01	23.00
		12	13	21.97	22.00	21.83	23.00
		25	0	22.00	22.00	21.98	23.00
	16QAM	1	0	22.40	22.39	22.11	23.00
		1	13	22.33	22.36	22.28	23.00
		1	24	22.36	22.48	22.40	23.00
		12	0	21.07	21.00	20.94	22.00
		12	6	20.91	21.01	20.77	22.00
		12	13	20.82	20.96	20.86	22.00
		25	0	20.92	21.08	20.97	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.89	23.06	22.88	24.00
		1	25	22.69	22.91	22.79	24.00
		1	49	22.78	22.74	22.78	24.00
		25	0	22.06	22.06	21.99	23.00
		25	13	22.01	22.03	21.97	23.00
		25	25	22.08	21.99	21.87	23.00
		50	0	22.02	22.01	22.06	23.00
	16QAM	1	0	22.32	22.39	22.11	23.00
		1	25	22.28	22.46	22.17	23.00
		1	49	22.33	22.49	22.43	23.00
		25	0	21.06	21.10	20.95	22.00
		25	13	20.92	21.06	20.81	22.00
		25	25	20.89	20.95	20.97	22.00
		50	0	20.91	21.06	21.00	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.89	23.10	22.90	24.00
		1	38	22.73	22.79	22.77	24.00
		1	74	22.74	22.81	22.71	24.00
		36	0	22.01	22.07	21.92	23.00
		36	18	21.90	22.08	21.91	23.00
		36	39	22.07	21.94	21.85	23.00
		75	0	22.10	21.97	21.99	23.00
	16QAM	1	0	22.28	22.35	22.14	23.00
		1	38	22.33	22.47	22.25	23.00
		1	74	22.36	22.47	22.40	23.00
		36	0	21.01	20.99	20.97	22.00
		36	18	20.84	21.04	20.85	22.00
		36	39	20.81	21.03	20.92	22.00
		75	0	21.03	21.06	20.92	22.00



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LTE Band 71 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133322	133447	
5MHz	QPSK	1	0	22.88	23.08	22.90	24.00
		1	13	22.77	22.92	22.86	24.00
		1	24	22.78	22.75	22.72	24.00
		12	0	22.00	22.15	21.89	23.00
		12	6	21.95	22.13	21.95	23.00
		12	13	21.97	21.95	21.83	23.00
		25	0	22.08	22.10	21.97	23.00
	16QAM	1	0	22.30	22.32	22.21	23.00
		1	13	22.31	22.42	22.26	23.00
		1	24	22.30	22.47	22.47	23.00
		12	0	21.09	21.05	20.91	22.00
		12	6	20.94	20.99	20.74	22.00
		12	13	20.83	21.06	20.88	22.00
		25	0	20.94	21.05	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133172	133322	133422	
10MHz	QPSK	1	0	22.84	23.04	22.92	24.00
		1	25	22.73	22.88	22.82	24.00
		1	49	22.84	22.70	22.72	24.00
		25	0	22.01	22.05	21.96	23.00
		25	13	22.00	22.07	21.92	23.00
		25	25	22.00	22.02	21.79	23.00
		50	0	22.07	22.04	22.05	23.00
	16QAM	1	0	22.28	22.35	22.22	23.00
		1	25	22.34	22.44	22.20	23.00
		1	49	22.34	22.55	22.37	23.00
		25	0	21.12	21.08	20.86	22.00
		25	13	20.93	21.04	20.86	22.00
		25	25	20.79	20.94	20.96	22.00
		50	0	20.90	21.12	20.99	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133322	133397	
15MHz	QPSK	1	0	22.77	23.04	22.96	24.00
		1	38	22.73	22.82	22.85	24.00
		1	74	22.76	22.75	22.71	24.00
		36	0	21.98	22.05	21.99	23.00
		36	18	21.94	22.03	21.92	23.00
		36	39	22.02	22.06	21.80	23.00
		75	0	22.12	22.04	22.01	23.00
	16QAM	1	0	22.31	22.41	22.16	23.00
		1	38	22.26	22.37	22.25	23.00
		1	74	22.36	22.54	22.42	23.00
		36	0	21.13	21.09	20.92	22.00
		36	18	20.83	20.94	20.87	22.00
		36	39	20.91	20.94	20.95	22.00
		75	0	20.92	21.09	20.96	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133322	133372	
20MHz	QPSK	1	0	22.86	23.13	22.87	24.00
		1	50	22.70	22.81	22.83	24.00
		1	99	22.73	22.79	22.77	24.00
		50	0	22.01	22.04	21.95	23.00
		50	25	21.92	21.99	21.96	23.00
		50	50	22.00	22.07	21.84	23.00
		100	0	22.13	22.01	21.99	23.00
	16QAM	1	0	22.28	22.37	22.12	23.00
		1	50	22.36	22.34	22.18	23.00
		1	99	22.41	22.47	22.43	23.00
		50	0	21.13	21.05	20.83	22.00
		50	25	20.87	20.91	20.85	22.00
		50	50	20.78	21.09	20.86	22.00
		100	0	20.97	21.07	21.02	22.00



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LTE Band 66 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.36	23.38	23.31	24.00
		1	2	23.28	23.25	23.39	24.00
		1	5	23.29	23.26	23.36	24.00
		3	0	23.38	23.35	23.31	24.00
		3	1	23.31	23.37	23.32	24.00
		3	3	23.38	23.25	23.38	24.00
		6	0	22.27	22.31	22.35	23.00
	16QAM	1	0	22.35	22.40	22.29	23.00
		1	2	22.38	22.33	22.34	23.00
		1	5	22.34	22.37	22.33	23.00
		3	0	22.27	22.37	22.39	23.00
		3	1	22.38	22.39	22.34	23.00
		3	3	22.26	22.32	22.31	23.00
		6	0	21.39	21.37	21.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.17	23.44	23.39	24.00
		1	7	23.08	23.29	23.29	24.00
		1	14	23.11	23.15	23.09	24.00
		8	0	22.38	22.53	22.34	23.00
		8	4	22.37	22.47	22.43	23.00
		8	7	22.46	22.46	22.25	23.00
		15	0	22.45	22.41	22.44	23.00
	16QAM	1	0	22.71	22.80	22.55	23.00
		1	7	22.79	22.84	22.70	23.00
		1	14	22.79	22.87	22.83	23.00
		8	0	21.43	21.49	21.29	22.00
		8	4	21.35	21.41	21.23	22.00
		8	7	21.23	21.36	21.30	22.00
		15	0	21.36	21.48	21.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.20	23.44	23.29	24.00
		1	13	23.08	23.27	23.23	24.00
		1	24	23.18	23.19	23.15	24.00
		12	0	22.39	22.54	22.33	23.00
		12	6	22.29	22.44	22.38	23.00
		12	13	22.47	22.35	22.27	23.00
		25	0	22.41	22.43	22.48	23.00
	16QAM	1	0	22.75	22.84	22.53	23.00
		1	13	22.66	22.74	22.62	23.00
		1	24	22.72	22.88	22.79	23.00
		12	0	21.46	21.48	21.24	22.00
		12	6	21.24	21.34	21.16	22.00
		12	13	21.27	21.48	21.26	22.00
		25	0	21.29	21.51	21.41	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.20	23.44	23.39	24.00
		1	25	23.15	23.23	23.20	24.00
		1	49	23.22	23.16	23.07	24.00
		25	0	22.40	22.56	22.33	23.00
		25	13	22.39	22.43	22.41	23.00
		25	25	22.38	22.40	22.25	23.00
		50	0	22.52	22.37	22.49	23.00
	16QAM	1	0	22.72	22.72	22.61	23.00
		1	25	22.70	22.79	22.57	23.00
		1	49	22.77	22.86	22.83	23.00
		25	0	21.48	21.40	21.30	22.00
		25	13	21.33	21.43	21.29	22.00
		25	25	21.17	21.45	21.33	22.00
		50	0	21.37	21.47	21.31	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.25	23.46	23.26	24.00
		1	38	23.16	23.29	23.23	24.00
		1	74	23.18	23.14	23.15	24.00
		36	0	22.43	22.43	22.38	23.00
		36	18	22.36	22.42	22.37	23.00
		36	39	22.37	22.35	22.22	23.00
		75	0	22.50	22.48	22.35	23.00
	16QAM	1	0	22.73	22.73	22.63	23.00
		1	38	22.76	22.83	22.67	23.00
		1	74	22.69	22.90	22.75	23.00
		36	0	21.39	21.42	21.33	22.00
		36	18	21.31	21.37	21.27	22.00
		36	39	21.30	21.48	21.29	22.00
		75	0	21.32	21.49	21.29	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.22	23.49	23.38	24.00
		1	50	23.19	23.26	23.15	24.00
		1	99	23.13	23.08	23.09	24.00
		50	0	22.43	22.41	22.40	23.00
		50	25	22.29	22.39	22.37	23.00
		50	50	22.38	22.43	22.25	23.00
		100	0	22.45	22.41	22.42	23.00
	16QAM	1	0	22.70	22.70	22.52	23.00
		1	50	22.68	22.74	22.65	23.00
		1	99	22.70	22.98	22.80	23.00
		50	0	21.49	21.47	21.28	22.00
		50	25	21.30	21.38	21.22	22.00
		50	50	21.20	21.36	21.27	22.00
		100	0	21.33	21.48	21.27	22.00



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LTE Band 38 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.70	23.04	22.80	24.00
		1	13	22.63	22.82	22.73	24.00
		1	24	22.73	22.66	22.68	24.00
		12	0	21.94	21.99	21.87	23.00
		12	6	21.77	21.89	21.91	23.00
		12	13	21.97	21.96	21.77	23.00
		25	0	21.91	21.99	21.95	23.00
	16QAM	1	0	22.19	22.20	22.07	23.00
		1	13	22.20	22.32	22.17	23.00
		1	24	22.30	22.35	22.36	23.00
		12	0	20.94	20.93	20.76	22.00
		12	6	20.78	20.94	20.74	22.00
		12	13	20.73	20.92	20.80	22.00
		25	0	20.91	21.06	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.69	23.06	22.82	24.00
		1	25	22.69	22.73	22.70	24.00
		1	49	22.62	22.71	22.56	24.00
		25	0	21.94	21.95	21.85	23.00
		25	13	21.85	21.92	21.92	23.00
		25	25	21.85	21.90	21.75	23.00
		50	0	21.99	21.93	21.92	23.00
	16QAM	1	0	22.20	22.20	22.14	23.00
		1	25	22.17	22.23	22.10	23.00
		1	49	22.31	22.34	22.36	23.00
		25	0	20.91	20.97	20.73	22.00
		25	13	20.72	20.95	20.67	22.00
		25	25	20.74	20.92	20.87	22.00
		50	0	20.81	21.06	20.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.66	22.96	22.78	24.00
		1	38	22.62	22.81	22.73	24.00
		1	74	22.61	22.70	22.63	24.00
		36	0	22.01	21.97	21.85	23.00
		36	18	21.80	22.00	21.85	23.00
		36	39	21.97	21.89	21.73	23.00
		75	0	21.91	21.90	21.98	23.00
	16QAM	1	0	22.17	22.24	22.06	23.00
		1	38	22.24	22.31	22.07	23.00
		1	74	22.19	22.36	22.36	23.00
		36	0	20.98	20.93	20.76	22.00
		36	18	20.73	20.92	20.69	22.00
		36	39	20.75	20.96	20.78	22.00
		75	0	20.91	21.00	20.87	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.71	23.09	22.86	24.00
		1	50	22.58	22.72	22.70	24.00
		1	99	22.70	22.73	22.57	24.00
		50	0	21.93	21.93	21.86	23.00
		50	25	21.89	21.90	21.87	23.00
		50	50	21.91	21.86	21.74	23.00
		100	0	22.01	21.90	21.99	23.00
	16QAM	1	0	22.23	22.24	22.04	23.00
		1	50	22.27	22.27	22.10	23.00
		1	99	22.19	22.36	22.22	23.00
		50	0	20.97	20.94	20.82	22.00
		50	25	20.75	20.83	20.78	22.00
		50	50	20.71	20.88	20.77	22.00
		100	0	20.89	20.92	20.78	22.00



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LTE Band 40 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38675	39150	39625	
5MHz	QPSK	1	0	23.24	23.55	23.64	24.00
		1	13	23.59	23.60	23.46	24.00
		1	24	23.53	23.38	23.20	24.00
		12	0	22.32	22.24	22.49	23.00
		12	6	22.37	22.51	22.40	23.00
		12	13	22.44	22.45	22.43	23.00
		25	0	22.56	22.45	22.31	23.00
	16QAM	1	0	22.47	22.46	22.83	23.00
		1	13	22.59	22.66	22.80	23.00
		1	24	22.36	22.59	22.49	23.00
		12	0	21.34	21.34	21.57	22.00
		12	6	21.38	21.86	21.35	22.00
		12	13	21.50	21.52	21.47	22.00
		25	0	21.61	21.57	21.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38700	39150	39600	
10MHz	QPSK	1	0	23.34	23.57	23.59	24.00
		1	25	23.54	23.64	23.36	24.00
		1	49	23.47	23.42	23.20	24.00
		25	0	22.34	22.26	22.37	23.00
		25	13	22.35	22.51	22.37	23.00
		25	25	22.44	22.54	22.41	23.00
		50	0	22.53	22.44	22.40	23.00
	16QAM	1	0	22.42	22.45	22.86	23.00
		1	25	22.48	22.67	22.81	23.00
		1	49	22.35	22.51	22.38	23.00
		25	0	21.42	21.35	21.67	22.00
		25	13	21.47	21.83	21.35	22.00
		25	25	21.49	21.57	21.45	22.00
		50	0	21.52	21.65	21.37	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38725	39150	39575	
15MHz	QPSK	1	0	23.32	23.66	23.66	24.00
		1	38	23.57	23.65	23.41	24.00
		1	74	23.43	23.41	23.20	24.00
		36	0	22.37	22.34	22.44	23.00
		36	18	22.36	22.50	22.39	23.00
		36	39	22.45	22.56	22.43	23.00
		75	0	22.61	22.39	22.33	23.00
	16QAM	1	0	22.41	22.53	22.73	23.00
		1	38	22.46	22.76	22.86	23.00
		1	74	22.31	22.47	22.47	23.00
		36	0	21.34	21.40	21.69	22.00
		36	18	21.37	21.77	21.39	22.00
		36	39	21.58	21.54	21.48	22.00
		75	0	21.58	21.63	21.34	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38750	39150	39550	
20MHz	QPSK	1	0	23.41	23.75	23.72	24.00
		1	50	23.72	23.73	23.55	24.00
		1	99	23.61	23.55	23.39	24.00
		50	0	22.43	22.62	22.57	23.00
		50	25	22.51	22.61	22.56	23.00
		50	50	22.61	22.60	22.55	23.00
		100	0	22.45	22.55	22.47	23.00
	16QAM	1	0	22.54	22.61	22.91	23.00
		1	50	22.66	22.83	22.97	23.00
		1	99	22.50	22.65	22.57	23.00
		50	0	21.51	21.48	21.77	22.00
		50	25	21.57	21.95	21.54	22.00
		50	50	21.67	21.69	21.58	22.00
		100	0	21.68	21.73	21.51	22.00



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LTE Band 41 Full Power				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.69	22.88	23.02	22.85	22.86	24.00
		1	13	22.55	22.75	22.81	22.78	22.77	24.00
		1	24	22.7	22.55	22.69	22.62	22.59	24.00
		12	0	21.94	21.88	21.99	22.04	21.78	23.00
		12	6	21.78	21.89	21.93	21.99	21.87	23.00
		12	13	21.9	21.77	21.84	21.94	21.66	23.00
		25	0	21.93	21.88	21.87	21.99	21.92	23.00
	16QAM	1	0	22.28	22.06	22.28	22.33	22.13	23.00
		1	13	22.17	22.08	22.24	22.23	22.1	23.00
		1	24	22.29	22.28	22.36	22.38	22.29	23.00
		12	0	20.92	20.76	21	20.88	20.74	22.00
		12	6	20.83	20.65	20.95	20.86	20.65	22.00
		12	13	20.79	20.75	20.88	20.97	20.8	22.00
		25	0	20.88	20.86	20.92	21.06	20.8	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.67	22.87	23.03	22.89	22.81	24.00
		1	25	22.68	22.74	22.68	22.72	22.77	24.00
		1	49	22.72	22.64	22.71	22.67	22.7	24.00
		25	0	21.93	21.87	22.01	21.96	21.82	23.00
		25	13	21.8	21.91	21.96	22	21.84	23.00
		25	25	21.91	21.76	21.94	21.87	21.77	23.00
		50	0	21.94	22	21.99	21.93	21.94	23.00
	16QAM	1	0	22.23	22.13	22.25	22.26	22.06	23.00
		1	25	22.19	22.09	22.37	22.36	22.1	23.00
		1	49	22.26	22.24	22.36	22.35	22.27	23.00
		25	0	20.89	20.87	20.94	20.92	20.77	22.00
		25	13	20.8	20.68	20.94	20.87	20.76	22.00
		25	25	20.68	20.81	20.94	20.96	20.78	22.00
		50	0	20.92	20.84	21.06	20.99	20.8	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.72	22.85	23.05	22.91	22.83	24.00
		1	38	22.69	22.69	22.82	22.73	22.77	24.00
		1	74	22.62	22.56	22.72	22.64	22.67	24.00
		36	0	21.97	21.82	22.03	21.93	21.91	23.00
		36	18	21.9	21.91	22.02	22	21.86	23.00
		36	39	21.96	21.78	21.9	21.85	21.7	23.00
		75	0	21.96	21.93	22.01	21.99	21.86	23.00
	16QAM	1	0	22.27	22.13	22.26	22.2	22.11	23.00
		1	38	22.15	22.07	22.3	22.34	22.15	23.00
		1	74	22.28	22.37	22.4	22.42	22.29	23.00
		36	0	20.92	20.74	20.93	21.02	20.79	22.00
		36	18	20.85	20.68	20.82	20.81	20.75	22.00
		36	39	20.82	20.83	20.89	20.97	20.84	22.00
		75	0	20.81	20.81	21.02	20.95	20.92	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.78	22.93	23.11	22.88	22.99	24.00
		1	50	22.7	22.77	22.9	22.84	22.76	24.00
		1	99	22.81	22.68	22.76	22.81	22.74	24.00
		50	0	21.99	21.94	22.11	22.1	22.01	23.00
		50	25	21.88	21.99	22.1	21.99	22.02	23.00
		50	50	22.05	21.87	22.04	21.92	21.82	23.00
		100	0	22.03	22.03	22.1	22.04	21.99	23.00
	16QAM	1	0	22.33	22.2	22.41	22.29	22.11	23.00
		1	50	22.38	22.29	22.44	22.43	22.27	23.00
		1	99	22.32	22.35	22.46	22.44	22.38	23.00
		50	0	21.12	20.92	21.01	21.05	20.94	22.00
		50	25	20.85	20.8	20.93	20.94	20.75	22.00
		50	50	20.84	20.98	21.03	21.04	20.98	22.00
		100	0	20.92	20.91	21.14	21.09	20.92	22.00



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Sensor on:

LTE Band 2 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.02	20.03	19.96	21.00
		1	2	20.00	20.03	19.92	21.00
		1	5	19.91	20.04	19.94	21.00
		3	0	19.91	20.02	20.03	21.00
		3	2	19.91	19.95	20.00	21.00
		3	3	19.91	19.92	19.94	21.00
	16QAM	6	0	20.02	19.91	19.97	21.00
		1	0	19.98	19.96	20.00	21.00
		1	2	19.99	20.04	20.01	21.00
		1	5	20.02	20.00	20.04	21.00
		3	0	20.03	20.01	19.92	21.00
		3	2	19.95	19.94	20.03	21.00
		3	3	19.99	19.91	20.00	21.00
		6	0	19.93	20.01	19.98	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.03	19.92	19.94	21.00
		1	7	20.00	20.04	19.91	21.00
		1	14	19.99	19.98	19.91	21.00
		8	0	20.00	20.03	20.01	21.00
		8	4	19.96	19.98	19.93	21.00
		8	7	20.04	20.02	19.94	21.00
		15	0	19.95	19.98	19.97	21.00
	16QAM	1	0	19.92	19.95	20.03	21.00
		1	7	20.03	19.94	19.99	21.00
		1	14	19.99	19.93	19.96	21.00
		8	0	20.02	20.05	20.04	21.00
		8	4	20.04	20.03	19.95	21.00
		8	7	19.96	20.01	20.05	21.00
		15	0	19.94	19.94	19.91	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.93	19.90	19.94	21.00
		1	13	20.02	19.97	20.02	21.00
		1	24	19.93	20.04	19.94	21.00
		12	0	19.91	19.94	19.97	21.00
		12	6	19.92	20.04	20.02	21.00
		12	13	19.91	19.94	19.92	21.00
		25	0	19.93	20.00	19.93	21.00
	16QAM	1	0	19.95	19.99	19.92	21.00
		1	13	19.90	19.97	19.97	21.00
		1	24	19.97	19.98	19.93	21.00
		12	0	20.01	19.96	20.04	21.00
		12	6	19.99	19.93	19.97	21.00
		12	13	19.92	19.95	19.98	21.00



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		25	0	20.05	20.05	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.97	19.99	20.01	21.00
		1	25	20.02	19.99	19.91	21.00
		1	49	20.00	19.95	19.94	21.00
		25	0	19.90	19.92	20.02	21.00
		25	13	19.93	19.95	20.04	21.00
		25	25	19.93	19.95	20.03	21.00
		50	0	20.04	19.99	20.02	21.00
	16QAM	1	0	20.00	19.99	20.03	21.00
		1	25	19.93	19.94	20.02	21.00
		1	49	19.97	20.03	19.94	21.00
		25	0	19.91	20.02	20.03	21.00
		25	13	19.93	19.94	20.02	21.00
		25	25	19.94	19.95	19.93	21.00
		50	0	19.98	19.96	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.95	19.92	19.98	21.00
		1	38	19.91	20.02	20.01	21.00
		1	74	19.98	20.00	19.97	21.00
		36	0	19.91	19.99	19.91	21.00
		36	18	20.00	19.97	19.95	21.00
		36	39	19.94	19.91	19.95	21.00
		75	0	19.91	19.98	19.96	21.00
	16QAM	1	0	20.03	19.90	19.90	21.00
		1	38	20.04	19.99	19.92	21.00
		1	74	20.00	19.94	20.02	21.00
		36	0	20.02	20.01	19.95	21.00
		36	18	19.93	19.97	19.93	21.00
		36	39	19.96	19.93	20.04	21.00
		75	0	19.98	20.05	19.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.95	20.09	20.01	21.00
		1	50	19.93	19.91	19.92	21.00
		1	99	19.93	20.00	19.98	21.00
		50	0	19.94	19.98	20.00	21.00
		50	25	19.92	20.03	19.93	21.00
		50	50	19.95	19.93	19.97	21.00
		100	0	20.05	19.97	19.97	21.00
	16QAM	1	0	20.03	19.94	19.97	21.00
		1	50	20.01	19.99	19.92	21.00
		1	99	19.91	19.91	20.04	21.00
		50	0	19.93	19.91	20.01	21.00
		50	25	19.96	19.93	20.04	21.00
		50	50	19.97	19.92	19.90	21.00
		100	0	20.01	19.99	20.04	21.00



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LTE Band 4 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.20	20.44	20.21	21.00
		1	2	20.24	20.31	20.27	21.00
		1	5	20.14	20.26	20.31	21.00
		3	0	20.27	20.33	20.27	21.00
		3	2	20.32	20.17	20.25	21.00
		3	3	20.21	20.19	20.20	21.00
		6	0	20.26	20.33	20.20	21.00
	16QAM	1	0	20.21	20.31	20.22	21.00
		1	2	20.29	20.23	20.22	21.00
		1	5	20.22	20.32	20.16	21.00
		3	0	20.24	20.16	20.31	21.00
		3	2	20.29	20.20	20.33	21.00
		3	3	20.22	20.34	20.34	21.00
		6	0	20.26	20.23	20.33	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.15	20.46	20.30	21.00
		1	7	20.15	20.26	20.27	21.00
		1	14	20.13	20.27	20.32	21.00
		8	0	20.30	20.40	20.14	21.00
		8	4	20.30	20.16	20.32	21.00
		8	7	20.21	20.25	20.22	21.00
		15	0	20.30	20.26	20.20	21.00
	16QAM	1	0	20.16	20.31	20.25	21.00
		1	7	20.25	20.33	20.22	21.00
		1	14	20.27	20.27	20.24	21.00
		8	0	20.23	20.25	20.24	21.00
		8	4	20.26	20.21	20.28	21.00
		8	7	20.28	20.35	20.38	21.00
		15	0	20.30	20.25	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.28	20.32	20.20	21.00
		1	13	20.27	20.26	20.17	21.00
		1	24	20.25	20.32	20.30	21.00
		12	0	20.28	20.39	20.17	21.00
		12	6	20.36	20.23	20.31	21.00
		12	13	20.18	20.29	20.18	21.00
		25	0	20.33	20.26	20.20	21.00
	16QAM	1	0	20.25	20.31	20.20	21.00
		1	13	20.17	20.33	20.29	21.00
		1	24	20.16	20.22	20.23	21.00
		12	0	20.36	20.15	20.30	21.00
		12	6	20.39	20.26	20.32	21.00
		12	13	20.26	20.29	20.38	21.00
		25	0	20.31	20.20	20.26	21.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.20	20.45	20.28	21.00
		1	25	20.27	20.37	20.25	21.00
		1	49	20.21	20.32	20.24	21.00
		25	0	20.30	20.35	20.18	21.00
		25	13	20.32	20.28	20.24	21.00
		25	25	20.26	20.19	20.24	21.00
		50	0	20.28	20.24	20.24	21.00
	16QAM	1	0	20.16	20.24	20.18	21.00
		1	25	20.18	20.21	20.29	21.00
		1	49	20.16	20.30	20.26	21.00
		25	0	20.24	20.16	20.30	21.00
		25	13	20.37	20.16	20.19	21.00
		25	25	20.35	20.33	20.30	21.00
		50	0	20.20	20.26	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.22	20.36	20.28	21.00
		1	38	20.16	20.33	20.22	21.00
		1	74	20.13	20.22	20.33	21.00
		36	0	20.35	20.37	20.22	21.00
		36	18	20.23	20.17	20.25	21.00
		36	39	20.19	20.27	20.20	21.00
		75	0	20.33	20.23	20.21	21.00
	16QAM	1	0	20.29	20.33	20.13	21.00
		1	38	20.16	20.30	20.28	21.00
		1	74	20.23	20.35	20.23	21.00
		36	0	20.25	20.23	20.27	21.00
		36	18	20.31	20.24	20.26	21.00
		36	39	20.31	20.21	20.32	21.00
		75	0	20.18	20.22	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.26	20.40	20.30	21.00
		1	50	20.21	20.36	20.20	21.00
		1	99	20.16	20.28	20.28	21.00
		50	0	20.23	20.32	20.16	21.00
		50	25	20.38	20.18	20.25	21.00
		50	50	20.22	20.25	20.22	21.00
		100	0	20.29	20.27	20.21	21.00
	16QAM	1	0	20.25	20.25	20.18	21.00
		1	50	20.31	20.30	20.29	21.00
		1	99	20.17	20.24	20.15	21.00
		50	0	20.31	20.13	20.18	21.00
		50	25	20.26	20.25	20.20	21.00
		50	50	20.22	20.25	20.36	21.00
		100	0	20.27	20.33	20.19	21.00



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LTE Band 5 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.84	21.87	21.87	23.00
		1	2	21.90	21.85	21.90	23.00
		1	5	21.84	21.95	21.87	23.00
		3	0	21.86	21.92	21.81	23.00
		3	2	21.89	21.80	21.94	23.00
		3	3	21.83	21.82	21.85	23.00
		6	0	21.95	21.91	21.95	23.00
	16QAM	1	0	21.84	21.83	21.85	23.00
		1	2	21.93	21.91	21.90	23.00
		1	5	21.90	21.88	21.86	23.00
		3	0	21.85	21.93	21.91	23.00
		3	2	21.84	21.93	21.93	23.00
		3	3	21.85	21.91	21.93	23.00
		6	0	20.84	20.92	20.88	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	21.93	21.80	21.92	23.00
		1	7	21.92	21.88	21.89	23.00
		1	14	21.86	21.89	21.80	23.00
		8	0	21.85	21.83	21.95	23.00
		8	4	21.82	21.95	21.82	23.00
		8	7	21.84	21.88	21.83	23.00
		15	0	21.90	21.93	21.87	23.00
	16QAM	1	0	21.91	21.93	21.84	23.00
		1	7	21.87	21.86	21.83	23.00
		1	14	21.81	21.95	21.83	23.00
		8	0	21.91	21.93	21.89	22.00
		8	4	21.92	21.88	21.84	22.00
		8	7	21.81	21.92	21.83	22.00
		15	0	20.93	20.89	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.84	21.91	21.81	23.00
		1	13	21.84	21.81	21.87	23.00
		1	24	21.92	21.86	21.94	23.00
		12	0	21.84	21.85	21.81	23.00
		12	6	21.84	21.83	21.83	23.00
		12	13	21.95	21.85	21.87	23.00
		25	0	21.86	21.90	21.92	23.00
	16QAM	1	0	21.90	21.88	21.80	23.00
		1	13	21.86	21.92	21.85	23.00
		1	24	21.94	21.88	21.94	23.00
		12	0	21.80	21.89	21.82	22.00
		12	6	21.86	21.93	21.83	22.00
		12	13	21.90	21.87	21.91	22.00
		25	0	20.88	20.85	20.82	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	21.93	21.96	21.83	23.00
		1	25	21.93	21.95	21.90	23.00
		1	49	21.84	21.92	21.92	23.00
		25	0	21.88	21.92	21.84	23.00
		25	13	21.91	21.88	21.94	23.00
		25	25	21.88	21.80	21.94	23.00
		50	0	21.86	21.83	21.89	23.00
	16QAM	1	0	21.84	21.84	21.93	23.00
		1	25	21.90	21.80	21.94	23.00
		1	49	21.83	21.85	21.93	23.00
		25	0	21.94	21.83	21.90	22.00
		25	13	21.90	21.81	21.80	22.00
		25	25	21.82	21.89	21.90	22.00
		50	0	20.88	20.91	20.82	22.00



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LTE Band 7 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.71	16.72	16.73	18.00
		1	13	16.82	16.84	16.85	18.00
		1	24	16.75	16.83	16.77	18.00
		12	0	16.71	16.70	16.74	18.00
		12	6	16.80	16.85	16.70	18.00
		12	13	16.77	16.84	16.70	18.00
		25	0	16.75	16.75	16.74	18.00
	16QAM	1	0	16.73	16.71	16.81	18.00
		1	13	16.76	16.80	16.72	18.00
		1	24	16.76	16.77	16.82	18.00
		12	0	16.82	16.73	16.70	18.00
		12	6	16.79	16.78	16.76	18.00
		12	13	16.84	16.77	16.74	18.00
		25	0	16.72	16.76	16.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.82	16.84	16.77	18.00
		1	25	16.77	16.73	16.79	18.00
		1	49	16.76	16.75	16.75	18.00
		25	0	16.78	16.71	16.81	18.00
		25	13	16.71	16.71	16.73	18.00
		25	25	16.75	16.78	16.71	18.00
		50	0	16.75	16.75	16.80	18.00
	16QAM	1	0	16.83	16.79	16.71	18.00
		1	25	16.75	16.72	16.72	18.00
		1	49	16.75	16.81	16.81	18.00
		25	0	16.71	16.80	16.74	18.00
		25	13	16.70	16.71	16.79	18.00
		25	25	16.75	16.76	16.82	18.00
		50	0	16.85	16.76	16.75	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.83	16.79	16.83	18.00
		1	38	16.76	16.74	16.84	18.00
		1	74	16.81	16.81	16.82	18.00
		36	0	16.77	16.75	16.75	18.00
		36	18	16.79	16.85	16.74	18.00
		36	39	16.80	16.73	16.74	18.00
		75	0	16.80	16.72	16.73	18.00
	16QAM	1	0	16.80	16.71	16.83	18.00
		1	38	16.79	16.70	16.84	18.00
		1	74	16.70	16.76	16.81	18.00
		36	0	16.75	16.85	16.79	18.00
		36	18	16.78	16.74	16.74	18.00
		36	39	16.81	16.75	16.77	18.00
		75	0	16.77	16.78	16.75	18.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.74	16.91	16.76	18.00
		1	50	16.72	16.83	16.73	18.00
		1	99	16.71	16.77	16.80	18.00
		50	0	16.82	16.85	16.74	18.00
		50	25	16.83	16.75	16.82	18.00
		50	50	16.73	16.76	16.77	18.00
		100	0	16.81	16.82	16.79	18.00
	16QAM	1	0	16.75	16.83	16.72	18.00
		1	50	16.76	16.80	16.81	18.00
		1	99	16.74	16.80	16.72	18.00
		50	0	16.83	16.73	16.78	18.00
		50	25	16.84	16.74	16.79	18.00
		50	50	16.81	16.80	16.84	18.00
		100	0	16.77	16.80	16.78	18.00



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LTE Band 25 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	19.99	20.00	19.93	21.00
		1	2	19.94	20.04	19.95	21.00
		1	5	19.92	19.94	19.94	21.00
		3	0	19.97	20.01	20.02	21.00
		3	1	19.92	19.95	20.02	21.00
		3	3	19.94	20.04	20.01	21.00
		6	0	19.97	19.96	20.04	21.00
	16QAM	1	0	19.97	19.99	19.95	21.00
		1	2	19.93	19.96	20.00	21.00
		1	5	20.03	19.99	19.95	21.00
		3	0	20.04	20.04	19.97	21.00
		3	1	20.03	19.93	19.94	21.00
		3	3	19.97	20.03	20.04	21.00
		6	0	19.97	20.02	20.01	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	20.02	19.97	19.92	21.00
		1	7	19.98	19.97	19.91	21.00
		1	14	19.90	19.91	20.04	21.00
		8	0	19.93	19.90	20.03	21.00
		8	4	19.95	19.95	19.95	21.00
		8	7	20.01	19.95	19.94	21.00
		15	0	19.90	20.00	19.90	21.00
	16QAM	1	0	19.98	19.95	20.04	21.00
		1	7	20.02	19.99	19.90	21.00
		1	14	20.05	19.94	19.94	21.00
		8	0	19.93	19.95	19.90	21.00
		8	4	19.98	19.98	19.95	21.00
		8	7	20.00	19.92	19.98	21.00
		15	0	19.96	19.98	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	20.00	19.98	19.94	21.00
		1	13	20.05	19.94	19.93	21.00
		1	24	20.04	20.04	19.99	21.00
		12	0	20.02	20.01	20.00	21.00
		12	6	20.03	19.92	20.04	21.00
		12	13	20.01	19.97	19.92	21.00
		25	0	20.03	19.99	19.98	21.00
	16QAM	1	0	19.93	20.01	19.98	21.00
		1	13	19.91	20.00	20.04	21.00
		1	24	19.97	20.00	20.03	21.00
		12	0	19.98	19.95	19.97	21.00
		12	6	20.02	19.98	20.03	21.00
		12	13	19.97	20.01	20.02	21.00
		25	0	19.99	20.04	19.96	21.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	19.99	20.05	19.98	21.00
		1	25	20.01	19.97	19.96	21.00
		1	49	19.98	19.97	19.98	21.00
		25	0	19.99	19.93	20.00	21.00
		25	13	20.05	19.96	20.01	21.00
		25	25	20.03	19.94	20.01	21.00
		50	0	19.90	19.99	19.98	21.00
	16QAM	1	0	19.98	20.02	19.95	21.00
		1	25	20.02	19.94	19.91	21.00
		1	49	19.96	20.03	19.96	21.00
		25	0	19.96	19.92	20.04	21.00
		25	13	19.97	19.92	20.00	21.00
		25	25	19.91	20.00	20.03	21.00
		50	0	19.97	19.94	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	20.00	19.99	19.98	21.00
		1	38	19.95	19.91	19.91	21.00
		1	74	19.97	19.96	20.01	21.00
		36	0	19.94	19.99	20.05	21.00
		36	18	19.98	19.91	19.91	21.00
		36	39	20.01	19.95	20.05	21.00
		75	0	20.04	20.01	19.93	21.00
	16QAM	1	0	19.98	20.02	19.93	21.00
		1	38	19.99	20.03	19.95	21.00
		1	74	20.02	20.02	19.91	21.00
		36	0	20.00	19.91	19.92	21.00
		36	18	19.93	19.96	19.96	21.00
		36	39	19.99	19.99	19.97	21.00
		75	0	19.98	19.92	19.97	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	20.10	20.15	20.08	21.00
		1	50	19.94	19.93	19.92	21.00
		1	99	20.03	19.92	19.90	21.00
		50	0	19.92	20.00	19.97	21.00
		50	25	20.00	19.93	19.93	21.00
		50	50	20.04	19.95	20.00	21.00
		100	0	19.90	19.98	19.94	21.00
	16QAM	1	0	19.94	19.95	20.02	21.00
		1	50	19.92	19.96	19.95	21.00
		1	99	19.96	19.90	20.01	21.00
		50	0	19.97	19.98	19.92	21.00
		50	25	20.03	19.97	19.92	21.00
		50	50	20.00	19.95	19.90	21.00
		100	0	19.91	19.90	19.97	21.00



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LTE FDD Band 30 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	20.01	20.00	20.06	21.00
		1	13	19.87	19.84	19.83	21.00
		1	24	19.87	19.84	19.79	21.00
		12	0	19.80	19.87	19.90	21.00
		12	6	19.84	19.74	19.87	21.00
		12	13	19.79	19.87	19.80	21.00
		25	0	19.88	19.89	19.93	21.00
	16QAM	1	0	19.81	19.76	19.86	21.00
		1	13	19.87	19.85	19.77	21.00
		1	24	19.80	19.84	19.78	21.00
		12	0	19.83	19.84	19.90	21.00
		12	6	19.88	19.90	19.79	21.00
		12	13	19.86	19.87	19.80	21.00
		25	0	19.77	19.85	19.80	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	27710	/	21.00
		1	25	/	19.83	/	21.00
		1	49	/	19.81	/	21.00
		25	0	/	19.98	/	21.00
		25	13	/	19.86	/	21.00
		25	25	/	19.81	/	21.00
		50	0	/	19.95	/	21.00
	16QAM	1	0	/	19.76	/	21.00
		1	25	/	19.82	/	21.00
		1	49	/	19.74	/	21.00
		25	0	/	19.93	/	21.00
		25	13	/	19.79	/	21.00
		25	25	/	19.83	/	21.00
		50	0	/	19.8	/	21.00



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LTE FDD Band 12 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.06	22.09	22.10	23.00
		1	2	22.00	22.07	22.02	23.00
		1	5	22.08	22.12	22.00	23.00
		3	0	22.00	22.01	22.07	23.00
		3	2	22.11	22.08	22.10	23.00
		3	3	22.14	22.09	22.12	23.00
		6	0	22.09	22.02	22.05	23.00
	16QAM	1	0	22.07	22.10	22.12	23.00
		1	2	22.05	22.09	22.11	23.00
		1	5	22.00	22.09	22.12	23.00
		3	0	22.02	22.13	22.08	23.00
		3	2	22.10	22.07	22.07	23.00
		3	3	22.14	22.05	22.09	23.00
		6	0	21.01	21.11	21.13	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	22.07	22.13	22.03	23.00
		1	7	22.01	22.02	22.06	23.00
		1	14	22.09	22.02	22.14	23.00
		8	0	22.13	22.01	22.01	23.00
		8	4	22.01	22.01	22.01	23.00
		8	7	22.04	22.01	22.14	23.00
		15	0	22.02	22.10	22.11	23.00
	16QAM	1	0	22.04	22.11	22.10	23.00
		1	7	22.13	22.05	22.02	23.00
		1	14	22.02	22.08	22.14	23.00
		8	0	21.08	21.06	21.10	22.00
		8	4	21.05	21.07	21.02	22.00
		8	7	21.01	21.11	21.12	22.00
		15	0	21.06	21.11	21.13	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	22.09	22.12	22.12	23.00
		1	13	22.12	22.08	22.00	23.00
		1	24	22.06	22.02	22.00	23.00
		12	0	22.02	22.07	22.05	23.00
		12	6	22.12	22.09	22.09	23.00
		12	13	22.10	22.13	22.01	23.00
		25	0	22.01	22.02	22.05	23.00
	16QAM	1	0	22.09	22.09	22.06	23.00
		1	13	22.10	22.11	22.10	23.00
		1	24	22.04	22.03	22.09	23.00
		12	0	21.01	21.12	21.03	22.00
		12	6	21.02	21.03	21.01	22.00
		12	13	21.08	21.06	21.05	22.00
		25	0	21.03	21.03	21.11	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	22.08	22.15	22.03	23.00
		1	25	22.09	22.05	22.02	23.00
		1	49	22.06	22.03	22.05	23.00
		25	0	22.04	22.05	22.04	23.00
		25	13	22.01	22.10	22.02	23.00
		25	25	22.00	22.04	22.01	23.00
		50	0	22.07	22.08	22.01	23.00
	16QAM	1	0	22.11	22.11	22.08	23.00
		1	25	22.04	22.12	22.03	23.00
		1	49	22.06	22.13	22.14	23.00
		25	0	21.12	21.08	21.06	22.00
		25	13	21.14	21.09	21.12	22.00
		25	25	21.11	21.07	21.12	22.00
		50	0	21.08	21.02	21.01	22.00



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LTE FDD Band 13 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	21.99	22.00	21.91	23.00
		1	13	21.98	21.88	21.83	23.00
		1	24	21.95	21.91	21.98	23.00
		12	0	21.97	21.98	21.86	23.00
		12	6	21.84	22.03	21.94	23.00
		12	13	21.81	21.91	21.89	23.00
		25	0	21.96	21.96	21.92	23.00
	16QAM	1	0	21.95	22.06	21.92	23.00
		1	13	21.92	22.02	21.97	23.00
		1	24	22.01	22.01	22.00	23.00
		12	0	21.02	20.89	20.86	22.00
		12	6	20.97	20.98	20.98	22.00
		12	13	20.92	20.91	20.97	22.00
		25	0	20.94	20.84	20.95	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	22.09	/	23.00
		1	25	/	21.89	/	23.00
		1	49	/	21.84	/	23.00
		25	0	/	21.92	/	23.00
		25	13	/	21.9	/	23.00
		25	25	/	21.9	/	23.00
		50	0	/	21.91	/	23.00
	16QAM	1	0	/	22.05	/	23.00
		1	25	/	22.02	/	23.00
		1	49	/	22	/	23.00
		25	0	/	20.98	/	22.00
		25	13	/	20.92	/	22.00
		25	25	/	20.93	/	22.00
		50	0	/	20.96	/	22.00



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LTE FDD Band 14 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	21.89	21.92	21.85	23.00
		1	13	21.80	21.89	21.85	23.00
		1	24	21.88	21.86	21.78	23.00
		12	0	21.94	21.87	21.78	23.00
		12	6	21.85	21.84	21.83	23.00
		12	13	21.78	21.83	21.82	23.00
		25	0	21.82	21.90	21.72	23.00
	16QAM	1	0	21.88	21.83	21.86	23.00
		1	13	21.74	21.94	21.86	23.00
		1	24	21.85	21.84	21.88	23.00
		12	0	20.83	20.86	20.89	22.00
		12	6	20.87	20.82	20.97	22.00
		12	13	20.93	20.89	20.91	22.00
		25	0	20.87	20.75	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	21.95	/	23.00
		1	25	/	21.85	/	23.00
		1	49	/	21.87	/	23.00
		25	0	/	21.92	/	23.00
		25	13	/	21.86	/	23.00
		25	25	/	21.89	/	23.00
		50	0	/	21.92	/	23.00
	16QAM	1	0	/	21.84	/	23.00
		1	25	/	21.88	/	23.00
		1	49	/	21.89	/	23.00
		25	0	/	20.9	/	22.00
		25	13	/	20.86	/	22.00
		25	25	/	20.85	/	22.00
		50	0	/	20.86	/	22.00



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LTE FDD Band 17 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	21.90	21.93	21.78	23.00
		1	13	21.89	21.88	21.83	23.00
		1	24	21.90	21.84	21.86	23.00
		12	0	21.81	21.82	21.85	23.00
		12	6	21.73	21.90	21.82	23.00
		12	13	21.72	21.88	21.83	23.00
		25	0	21.81	21.80	21.79	23.00
	16QAM	1	0	21.95	21.89	21.90	23.00
		1	13	21.77	21.90	21.84	23.00
		1	24	21.90	21.87	21.90	23.00
		12	0	20.83	20.81	20.77	22.00
		12	6	20.89	20.93	20.83	22.00
		12	13	20.85	20.87	20.93	22.00
		25	0	20.82	20.82	20.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	21.91	21.95	21.76	23.00
		1	25	21.82	21.82	21.73	23.00
		1	49	21.85	21.74	21.89	23.00
		25	0	21.93	21.92	21.74	23.00
		25	13	21.73	21.81	21.74	23.00
		25	25	21.71	21.75	21.77	23.00
		50	0	21.83	21.90	21.81	23.00
	16QAM	1	0	21.89	21.87	21.92	23.00
		1	25	21.76	21.95	21.81	23.00
		1	49	21.88	21.95	21.90	23.00
		25	0	20.96	20.79	20.82	22.00
		25	13	20.90	20.85	20.84	22.00
		25	25	20.89	20.78	20.91	22.00
		50	0	20.84	20.75	20.75	22.00



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LTE Band 26 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	21.85	21.91	21.82	23.00
		1	2	21.84	21.88	21.82	23.00
		1	5	21.83	21.88	21.89	23.00
		3	0	21.90	21.84	21.89	23.00
		3	2	21.94	21.90	21.84	23.00
		3	3	21.91	21.95	21.94	23.00
		6	0	21.94	21.80	21.94	23.00
	16QAM	1	0	21.90	21.84	21.90	23.00
		1	2	21.86	21.87	21.81	23.00
		1	5	21.88	21.81	21.87	23.00
		3	0	21.87	21.87	21.93	23.00
		3	2	21.94	21.92	21.82	23.00
		3	3	21.94	21.94	21.83	23.00
		6	0	20.91	20.95	20.85	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	21.84	21.83	21.94	23.00
		1	7	21.87	21.91	21.86	23.00
		1	14	21.84	21.92	21.92	23.00
		8	0	21.83	21.81	21.89	23.00
		8	4	21.90	21.93	21.90	23.00
		8	7	21.91	21.80	21.93	23.00
		15	0	21.85	21.90	21.88	23.00
	16QAM	1	0	21.89	21.83	21.82	23.00
		1	7	21.89	21.94	21.88	23.00
		1	14	21.80	21.92	21.82	23.00
		8	0	20.81	20.80	20.94	22.00
		8	4	20.95	20.85	20.85	22.00
		8	7	20.87	20.93	20.93	22.00
		15	0	20.82	20.95	20.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	21.86	21.92	21.90	23.00
		1	13	21.86	21.90	21.88	23.00
		1	24	21.90	21.83	21.81	23.00
		12	0	21.83	21.89	21.81	23.00
		12	6	21.94	21.86	21.81	23.00
		12	13	21.87	21.85	21.80	23.00
		25	0	21.81	21.88	21.83	23.00
	16QAM	1	0	21.90	21.91	21.84	23.00
		1	13	21.87	21.94	21.87	23.00
		1	24	21.83	21.90	21.84	23.00
		12	0	20.94	20.85	20.85	22.00
		12	6	20.89	20.91	20.94	22.00
		12	13	20.84	20.83	20.88	22.00
		25	0	20.82	20.90	20.84	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	21.84	21.85	21.84	23.00
		1	25	21.94	21.83	21.82	23.00
		1	49	21.91	21.88	21.81	23.00
		25	0	21.86	21.94	21.82	23.00
		25	13	21.93	21.90	21.87	23.00
		25	25	21.89	21.89	21.93	23.00
		50	0	21.88	21.84	21.95	23.00
	16QAM	1	0	21.86	21.86	21.83	23.00
		1	25	21.89	21.90	21.80	23.00
		1	49	21.84	21.84	21.95	23.00
		25	0	20.85	20.89	20.91	22.00
		25	13	20.90	20.86	20.87	22.00
		25	25	20.91	20.94	20.93	22.00
		50	0	20.88	20.84	20.92	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	22.01	22.15	21.99	23.00
		1	38	21.93	21.87	21.88	23.00
		1	74	21.84	21.82	21.83	23.00
		36	0	21.93	21.96	21.95	23.00
		36	18	21.85	21.92	21.90	23.00
		36	39	21.90	21.89	21.84	23.00
		75	0	21.83	21.91	21.85	23.00
	16QAM	1	0	21.84	21.95	21.86	23.00
		1	38	21.87	21.83	21.85	23.00
		1	74	21.82	21.85	21.94	23.00
		36	0	20.90	20.89	20.89	22.00
		36	18	20.94	20.94	20.86	22.00
		36	39	20.80	20.93	20.88	22.00
		75	0	20.93	20.87	20.83	22.00



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LTE Band 71 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133322	133447	
5MHz	QPSK	1	0	21.90	21.98	21.92	23.00
		1	13	21.87	21.77	21.76	23.00
		1	24	21.67	21.72	21.68	23.00
		12	0	21.74	21.78	21.79	23.00
		12	6	21.78	21.82	21.72	23.00
		12	13	21.79	21.79	21.72	23.00
		25	0	21.77	21.80	21.72	23.00
	16QAM	1	0	21.68	21.79	21.68	23.00
		1	13	21.67	21.74	21.75	23.00
		1	24	21.76	21.76	21.77	23.00
		12	0	20.73	20.83	20.80	22.00
		12	6	20.75	20.78	20.81	22.00
		12	13	20.71	20.79	20.75	22.00
		25	0	20.79	20.73	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133172	133322	133422	
10MHz	QPSK	1	0	21.95	21.99	21.79	23.00
		1	25	21.79	21.69	21.80	23.00
		1	49	21.70	21.75	21.78	23.00
		25	0	21.80	21.83	21.82	23.00
		25	13	21.73	21.86	21.83	23.00
		25	25	21.72	21.72	21.72	23.00
		50	0	21.71	21.83	21.80	23.00
	16QAM	1	0	21.78	21.80	21.74	23.00
		1	25	21.75	21.77	21.66	23.00
		1	49	21.73	21.77	21.87	23.00
		25	0	20.79	20.73	20.70	22.00
		25	13	20.84	20.84	20.73	22.00
		25	25	20.73	20.83	20.75	22.00
		50	0	20.75	20.71	20.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133322	133397	
15MHz	QPSK	1	0	21.88	22.01	21.82	23.00
		1	38	21.80	21.70	21.71	23.00
		1	74	21.68	21.76	21.76	23.00
		36	0	21.77	21.86	21.81	23.00
		36	18	21.76	21.78	21.72	23.00
		36	39	21.83	21.72	21.66	23.00
		75	0	21.64	21.81	21.65	23.00
	16QAM	1	0	21.70	21.80	21.71	23.00
		1	38	21.70	21.74	21.73	23.00
		1	74	21.63	21.69	21.75	23.00
		36	0	20.72	20.76	20.80	22.00
		36	18	20.75	20.89	20.67	22.00
		36	39	20.69	20.78	20.76	22.00
		75	0	20.79	20.75	20.71	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133322	133372	
20MHz	QPSK	1	0	21.90	22.06	21.80	23.00
		1	50	21.81	21.77	21.77	23.00
		1	99	21.75	21.64	21.72	23.00
		50	0	21.76	21.88	21.82	23.00
		50	25	21.67	21.75	21.75	23.00
		50	50	21.77	21.72	21.69	23.00
		100	0	21.73	21.75	21.74	23.00
	16QAM	1	0	21.69	21.80	21.73	23.00
		1	50	21.78	21.73	21.77	23.00
		1	99	21.64	21.67	21.78	23.00
		50	0	20.81	20.74	20.69	22.00
		50	25	20.86	20.82	20.74	22.00
		50	50	20.60	20.86	20.68	22.00
		100	0	20.73	20.79	20.68	22.00



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LTE Band 66 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.27	20.37	20.21	21.00
		1	2	20.22	20.38	20.22	21.00
		1	5	20.18	20.21	20.24	21.00
		3	0	20.25	20.32	20.17	21.00
		3	1	20.35	20.16	20.30	21.00
		3	3	20.22	20.26	20.21	21.00
		6	0	20.28	20.29	20.26	21.00
	16QAM	1	0	20.27	20.29	20.25	21.00
		1	2	20.26	20.20	20.22	21.00
		1	5	20.16	20.20	20.18	21.00
		3	0	20.37	20.26	20.27	21.00
		3	1	20.35	20.25	20.25	21.00
		3	3	20.31	20.31	20.31	21.00
		6	0	20.17	20.31	20.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.16	20.44	20.26	21.00
		1	7	20.27	20.29	20.24	21.00
		1	14	20.25	20.23	20.31	21.00
		8	0	20.34	20.26	20.24	21.00
		8	4	20.25	20.16	20.30	21.00
		8	7	20.20	20.23	20.32	21.00
		15	0	20.23	20.34	20.22	21.00
	16QAM	1	0	20.22	20.37	20.24	21.00
		1	7	20.17	20.26	20.31	21.00
		1	14	20.17	20.29	20.25	21.00
		8	0	20.36	20.21	20.29	21.00
		8	4	20.39	20.23	20.30	21.00
		8	7	20.32	20.24	20.29	21.00
		15	0	20.31	20.34	20.18	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.19	20.39	20.31	21.00
		1	13	20.22	20.28	20.23	21.00
		1	24	20.12	20.30	20.24	21.00
		12	0	20.23	20.37	20.26	21.00
		12	6	20.28	20.24	20.32	21.00
		12	13	20.27	20.18	20.27	21.00
		25	0	20.34	20.23	20.23	21.00
	16QAM	1	0	20.17	20.30	20.26	21.00
		1	13	20.23	20.23	20.30	21.00
		1	24	20.14	20.29	20.18	21.00
		12	0	20.37	20.16	20.25	21.00
		12	6	20.35	20.26	20.29	21.00
		12	13	20.32	20.29	20.26	21.00
		25	0	20.30	20.31	20.20	21.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.16	20.46	20.22	21.00
		1	25	20.25	20.28	20.25	21.00
		1	49	20.26	20.28	20.29	21.00
		25	0	20.23	20.25	20.15	21.00
		25	13	20.26	20.23	20.23	21.00
		25	25	20.19	20.24	20.30	21.00
		50	0	20.22	20.25	20.29	21.00
	16QAM	1	0	20.20	20.23	20.26	21.00
		1	25	20.19	20.33	20.23	21.00
		1	49	20.26	20.33	20.23	21.00
		25	0	20.30	20.19	20.23	21.00
		25	13	20.30	20.16	20.30	21.00
		25	25	20.22	20.25	20.26	21.00
		50	0	20.19	20.34	20.23	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.16	20.38	20.29	21.00
		1	38	20.21	20.38	20.22	21.00
		1	74	20.23	20.28	20.31	21.00
		36	0	20.26	20.26	20.17	21.00
		36	18	20.30	20.21	20.24	21.00
		36	39	20.26	20.25	20.28	21.00
		75	0	20.22	20.28	20.32	21.00
	16QAM	1	0	20.16	20.30	20.14	21.00
		1	38	20.26	20.33	20.33	21.00
		1	74	20.21	20.25	20.19	21.00
		36	0	20.25	20.17	20.24	21.00
		36	18	20.35	20.25	20.27	21.00
		36	39	20.26	20.33	20.26	21.00
		75	0	20.30	20.26	20.32	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.21	20.50	20.19	21.00
		1	50	20.25	20.25	20.15	21.00
		1	99	20.17	20.28	20.24	21.00
		50	0	20.35	20.40	20.18	21.00
		50	25	20.33	20.24	20.24	21.00
		50	50	20.16	20.26	20.23	21.00
		100	0	20.34	20.35	20.28	21.00
	16QAM	1	0	20.19	20.25	20.16	21.00
		1	50	20.21	20.34	20.32	21.00
		1	99	20.26	20.24	20.17	21.00
		50	0	20.37	20.20	20.26	21.00
		50	25	20.30	20.18	20.27	21.00
		50	50	20.29	20.29	20.37	21.00
		100	0	20.25	20.26	20.20	21.00



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LTE Band 38 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	14.80	15.03	14.89	16.00
		1	13	14.79	14.88	14.94	16.00
		1	24	14.76	14.90	14.94	16.00
		12	0	14.86	14.92	14.78	16.00
		12	6	14.91	14.84	14.76	16.00
		12	13	14.89	14.77	14.82	16.00
		25	0	14.88	14.85	14.78	16.00
	16QAM	1	0	14.89	14.88	14.73	16.00
		1	13	14.92	14.91	14.83	16.00
		1	24	14.83	14.82	14.81	16.00
		12	0	14.92	14.82	14.82	16.00
		12	6	14.93	14.80	14.89	16.00
		12	13	14.87	14.97	14.81	16.00
		25	0	14.84	14.90	14.83	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	14.77	14.90	14.86	16.00
		1	25	14.81	14.86	14.88	16.00
		1	49	14.80	14.96	14.80	16.00
		25	0	14.93	14.90	14.79	16.00
		25	13	14.89	14.91	14.74	16.00
		25	25	14.96	14.85	14.82	16.00
		50	0	14.83	14.83	14.84	16.00
	16QAM	1	0	14.90	14.86	14.74	16.00
		1	25	14.90	14.84	14.76	16.00
		1	49	14.89	14.83	14.81	16.00
		25	0	14.97	14.88	14.81	16.00
		25	13	14.86	14.83	14.94	16.00
		25	25	14.83	14.89	14.86	16.00
		50	0	14.98	14.85	14.91	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	14.89	14.93	14.92	16.00
		1	38	14.85	14.93	14.85	16.00
		1	74	14.87	14.93	14.80	16.00
		36	0	14.85	14.97	14.89	16.00
		36	18	14.92	14.97	14.81	16.00
		36	39	14.97	14.77	14.77	16.00
		75	0	14.78	14.92	14.82	16.00
	16QAM	1	0	14.95	14.86	14.87	16.00
		1	38	14.84	14.79	14.78	16.00
		1	74	14.84	14.74	14.86	16.00
		36	0	14.90	14.84	14.78	16.00
		36	18	14.87	14.79	14.91	16.00
		36	39	14.86	14.97	14.83	16.00
		75	0	14.87	14.90	14.83	16.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	14.77	15.00	14.90	16.00
		1	50	14.87	14.97	14.90	16.00
		1	99	14.83	14.91	14.82	16.00
		50	0	14.87	14.94	14.82	16.00
		50	25	14.99	14.88	14.80	16.00
		50	50	14.89	14.88	14.87	16.00
		100	0	14.76	14.87	14.83	16.00
	16QAM	1	0	14.97	14.86	14.82	16.00
		1	50	14.83	14.91	14.80	16.00
		1	99	14.91	14.77	14.88	16.00
		50	0	14.94	14.80	14.85	16.00
		50	25	14.86	14.82	14.84	16.00
		50	50	14.91	14.96	14.82	16.00
		100	0	14.85	14.89	14.87	16.00



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LTE Band 41 Sensor on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	15.06	15.05	15.02	15.07	15.07	16.00
		1	13	15.14	15.12	15.02	15.12	15.03	16.00
		1	24	15.11	15.08	15.12	15.14	15.09	16.00
		12	0	15.07	15.11	15.15	15.12	15.02	16.00
		12	6	15.12	15.09	15.1	15.04	15.15	16.00
		12	13	15.02	15.03	15.15	15.03	15.15	16.00
		25	0	15	15.06	15.1	15.13	15.09	16.00
	16QAM	1	0	15.14	15.02	15.02	15.09	15.04	16.00
		1	13	15.05	15.02	15.07	15.02	15.06	16.00
		1	24	15.02	15.09	15.14	15.15	15.14	16.00
		12	0	15.06	15	15.1	15.09	15.07	16.00
		12	6	15.13	15.1	15.1	15.03	15.02	16.00
		12	13	15.08	15.14	15.02	15.05	15.1	16.00
		25	0	15.1	15.07	15.08	15.03	15.04	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	15.07	15.07	15	15.05	15.03	16.00
		1	25	15.08	15.01	15.05	15.12	15.01	16.00
		1	49	15.11	15.11	15.12	15.11	15.07	16.00
		25	0	15.13	15.12	15.08	15.11	15.08	16.00
		25	13	15.09	15.13	15.01	15	15.06	16.00
		25	25	15.15	15.14	15.04	15.13	15.14	16.00
		50	0	15	15.09	15.05	15.14	15.06	16.00
	16QAM	1	0	15.09	15.04	15.13	15.05	15.13	16.00
		1	25	15.11	15.03	15.02	15.1	15.07	16.00
		1	49	15.1	15.05	15.1	15.08	15.07	16.00
		25	0	15.02	15.11	15.03	15.08	15.04	16.00
		25	13	15.02	15.09	15.1	15.1	15.01	16.00
		25	25	15.04	15.14	15.02	15.14	15.02	16.00
		50	0	15.05	15.03	15.05	15.15	15.09	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	15.14	15.04	15.03	15.09	15.06	16.00
		1	38	15.14	15.02	15.14	15.04	15.11	16.00
		1	74	15.07	15.09	15.09	15.05	15.05	16.00
		36	0	15.13	15.05	15.05	15.1	15.07	16.00
		36	18	15.01	15.04	15.05	15.04	15.13	16.00
		36	39	15.14	15.11	15.09	15.06	15.06	16.00
		75	0	15.13	15.11	15.13	15.15	15.08	16.00
	16QAM	1	0	15.15	15.04	15.12	15	15.15	16.00
		1	38	15.11	15.06	15.12	15.06	15.1	16.00
		1	74	15.06	15.07	15.15	15.04	15.09	16.00
		36	0	15	15.11	15.04	15.11	15.1	16.00
		36	18	15.05	15.1	15.15	15.04	15.01	16.00
		36	39	15.12	15.13	15.05	15.11	15.11	16.00
		75	0	15.12	15.05	15.02	15.05	15.05	16.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	15.12	15.06	15.19	15.14	15.07	16.00
		1	50	15.09	15.07	15.12	15.11	15.11	16.00
		1	99	15.01	15.03	15.12	15.09	15.13	16.00
		50	0	15.08	15.1	15.15	15.05	15.01	16.00
		50	25	15	15.14	15.14	15.02	15.06	16.00
		50	50	15.03	15.14	15.05	15.05	15.1	16.00
		100	0	15.01	15.05	15.12	15.05	15.12	16.00
	16QAM	1	0	15.11	15.13	15.05	15.02	15.11	16.00
		1	50	15.11	15.09	15.09	15.05	15.14	16.00
		1	99	15.12	15.12	15.04	15.05	15.06	16.00
		50	0	15.13	15.13	15.06	15.02	15	16.00
		50	25	15.05	15.09	15.06	15.13	15.02	16.00
		50	50	15.03	15.07	15.13	15.05	15.04	16.00
		100	0	15.07	15.14	15.08	15.07	15.05	16.00



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4 Conducted Power of WIFI

Full:

WIFI 2.4G Full power					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.40	19.00
	6	2437		18.00	19.00
	11	2462		18.34	19.00
802.11g	1	2412	6	17.81	18.00
	6	2437		17.25	18.00
	11	2462		17.58	18.00
802.11n HT20	1	2412	6.5	17.51	18.00
	6	2437		17.11	18.00
	11	2462		17.48	18.00
802.11ax HE20	1	2412	MCS0	16.81	18.00
	6	2437		17.56	18.00
	11	2462		17.00	18.00

WIFI 5G Full power						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	17.11	18.00
		40	5200		17.24	18.00
		48	5240		17.14	18.00
	U-NII-2A	52	5260		19.16	20.00
		60	5300		19.27	20.00
		64	5320		19.48	20.00
	U-NII-2C	100	5500		18.23	20.00
		116	5580		18.93	20.00
		140	5700		18.30	20.00
	U-NII-3	149	5745		18.89	20.00
		157	5785		18.41	20.00
		165	5825		18.96	20.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.63	18.00
		40	5200		17.81	18.00
		48	5240		17.81	18.00
	U-NII-2A	52	5260		19.18	20.00
		60	5300		19.20	20.00
		64	5320		19.45	20.00
	U-NII-2C	100	5500		18.30	20.00
		116	5580		19.03	20.00
		140	5700		18.47	20.00
	U-NII-3	149	5745		19.03	20.00
		157	5785		18.37	20.00
		165	5825		19.12	20.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	18.38	20.00
		46	5230		19.23	20.00



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	U-NII-2A	54	5270		18.58	20.00
		62	5310		19.06	20.00
	U-NII-2C	102	5510		18.12	20.00
		110	5550		18.67	20.00
		134	5670		18.49	20.00
	U-NII-3	151	5755		18.96	20.00
		159	5795		18.12	20.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	17.70	18.00
		40	5200		17.87	18.00
		48	5240		17.91	18.00
	U-NII-2A	52	5260		19.17	20.00
		60	5300		19.28	20.00
		64	5320		19.47	20.00
	U-NII-2C	100	5500		18.18	20.00
		116	5580		18.88	20.00
		140	5700		18.38	20.00
	U-NII-3	149	5745		18.93	20.00
		157	5785		18.31	20.00
		165	5825		19.02	20.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	18.45	20.00
		46	5230		19.27	20.00
	U-NII-2A	54	5270		18.68	20.00
		62	5310		19.14	20.00
	U-NII-2C	102	5510		19.35	20.00
		110	5550		18.64	20.00
		134	5670		18.51	20.00
	U-NII-3	151	5755		18.95	20.00
		159	5795		18.17	20.00
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	18.50	20.00
	U-NII-2A	58	5290		18.68	20.00
	U-NII-2C	106	5530		19.52	20.00
		122	5610		18.65	20.00
	U-NII-3	155	5775		18.86	20.00



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Sensor on:

WIFI 2.4G Sensor on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.44	16.00
	6	2437		15.10	16.00
	11	2462		15.26	16.00
802.11g	1	2412	6	14.79	15.00
	6	2437		14.17	15.00
	11	2462		14.54	15.00
802.11n HT20	1	2412	6.5	14.52	15.00
	6	2437		14.14	15.00
	11	2462		14.39	15.00
802.11ax HE20	1	2412	MCS0	13.74	15.00
	6	2437		14.59	15.00
	11	2462		14.04	15.00

WIFI 5G Sensor on						
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.01	16.00
		40	5200		15.12	16.00
		48	5240		15.06	16.00
	U-NII-2A	52	5260		17.07	18.00
		60	5300		17.03	18.00
		64	5320		17.11	18.00
	U-NII-2C	100	5500		14.65	16.50
		116	5580		15.37	16.50
		140	5700		14.70	16.50
	U-NII-3	149	5745		15.32	16.50
		157	5785		14.72	16.50
		165	5825		15.29	16.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.84	16.00
		40	5200		15.06	16.00
		48	5240		14.86	16.00
	U-NII-2A	52	5260		16.96	18.00
		60	5300		17.04	18.00
		64	5320		17.06	18.00
	U-NII-2C	100	5500		14.53	16.50
		116	5580		15.22	16.50
		140	5700		14.63	16.50
	U-NII-3	149	5745		15.26	16.50
		157	5785		14.65	16.50
		165	5825		15.16	16.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	16.26	18.00
		46	5230		17.09	18.00
	U-NII-2A	54	5270		16.44	18.00
		62	5310		16.90	18.00
	U-NII-2C	102	5510		14.52	16.50



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		110	5550		15.10	16.50
		134	5670		14.84	16.50
	U-NII-3	151	5755		15.32	16.50
		159	5795		15.10	16.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT20	U-NII-1	36	5180	MCS0	14.90	16.00
		40	5200		15.03	16.00
		48	5240		14.88	16.00
	U-NII-2A	52	5260		17.02	18.00
		60	5300		17.01	18.00
		64	5320		17.05	18.00
	U-NII-2C	100	5500		14.54	16.50
		116	5580		15.22	16.50
		140	5700		14.59	16.50
	U-NII-3	149	5745		15.26	16.50
		157	5785		14.57	16.50
		165	5825		15.22	16.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT40	U-NII-1	38	5190	MCS0	16.16	18.00
		46	5230		16.92	18.00
	U-NII-2A	54	5270		16.31	18.00
		62	5310		16.74	18.00
	U-NII-2C	102	5510		15.25	16.50
		110	5550		14.91	16.50
		134	5670		14.75	16.50
	U-NII-3	151	5755		15.14	16.50
		159	5795		14.97	16.50
Mode	5GHz	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac VHT80	U-NII-1	42	5210	MCS0	16.86	18.00
	U-NII-2A	58	5290		17.11	18.00
	U-NII-2C	106	5530		16.26	16.50
		122	5610		15.69	16.50
	U-NII-3	155	5775		15.96	16.50



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5 Conducted Power of Bluetooth

BT		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	6.05	6.18	6.04	7.00
	$\pi/4$ DQPSK	6.89	7.09	6.86	8.00
	8DPSK	7.19	7.36	7.12	8.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	6.22	6.19	6.50	7.00
Band	Channel	0	19	39	Tune up
BLE 2M	GFSK	6.29	6.28	6.63	7.00