

LTE Band 2 Eci6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	16.81	17.00	16.75	18.00	
		1	2	16.87	16.83	16.86	18.00	
		1	5	16.92	16.91	16.95	18.00	
		3	0	17.16	16.99	17.07	18.00	
		3	2	17.04	17.08	17.02	18.00	
		3	3	16.82	17.00	16.93	18.00	
	16QAM	6	0	17.06	16.99	17.09	18.00	
		1	0	16.89	17.05	16.72	18.00	
		1	2	16.90	16.87	16.90	18.00	
		1	5	16.92	16.92	17.00	18.00	
		3	0	17.18	16.91	16.97	18.00	
		3	2	17.19	17.07	16.95	18.00	
	64QAM	3	3	16.86	17.03	16.92	18.00	
		6	0	16.78	16.99	16.86	18.00	
		1	0	16.74	16.80	16.81	18.00	
		1	2	16.97	16.92	16.94	18.00	
		1	5	17.20	17.17	17.07	18.00	
		3	0	17.24	17.01	17.14	18.00	
	256QAM	3	2	16.93	16.99	17.10	18.00	
		3	3	16.94	17.18	17.20	18.00	
		6	0	16.84	16.97	16.69	18.00	
		1	0	16.20	16.30	16.31	17.50	
		1	2	16.46	16.43	16.44	17.50	
		1	5	16.54	16.60	16.55	17.50	
	3MHz	QPSK	3	0	16.71	16.60	16.63	17.50
			3	2	16.43	16.60	16.54	17.50
	3		3	16.46	16.58	16.71	17.50	
	6		0	16.29	16.51	16.33	17.50	
	1		0	16.79	17.12	16.82	18.00	
	3MHz	QPSK	1	7	16.78	16.82	16.98	18.00
1			14	16.91	16.91	17.10	18.00	
8			0	17.13	16.96	16.96	18.00	
8			4	17.00	16.98	17.04	18.00	
8			4	17.00	16.98	17.04	18.00	



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		8	7	16.88	16.92	17.05	18.00
		15	0	16.97	17.12	17.22	18.00
	16QAM	1	0	16.90	16.98	16.71	18.00
		1	7	16.80	16.80	16.99	18.00
		1	14	16.86	16.84	17.09	18.00
		8	0	17.22	17.02	16.98	18.00
		8	4	17.11	17.02	17.03	18.00
		8	7	17.00	16.98	16.90	18.00
		15	0	16.64	17.09	16.73	18.00
		64QAM	1	0	16.73	16.77	16.82
	1		7	16.94	16.85	16.87	18.00
	1		14	17.09	17.11	17.18	18.00
	8		0	17.22	17.16	17.00	18.00
	8		4	16.92	16.96	17.12	18.00
	8		7	16.91	17.19	17.07	18.00
	15		0	16.75	17.10	16.87	18.00
	256QAM	1	0	16.29	16.26	16.33	17.50
		1	7	16.36	16.40	16.33	17.50
		1	14	16.66	16.63	16.67	17.50
		8	0	16.70	16.55	16.45	17.50
		8	4	16.48	16.41	16.51	17.50
		8	7	16.37	16.49	16.55	17.50
		15	0	16.29	16.46	16.26	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175	
5MHz	QPSK	1	0	16.83	17.07	16.78	18.00
		1	13	16.91	16.94	16.88	18.00
		1	24	16.94	16.82	17.03	18.00
		12	0	17.07	17.03	17.13	18.00
		12	6	17.11	17.04	17.13	18.00
		12	13	16.90	17.04	17.01	18.00
		25	0	17.12	17.08	17.22	18.00
	16QAM	1	0	16.84	17.05	16.78	18.00
		1	13	16.95	16.97	16.98	18.00
		1	24	16.83	16.86	17.02	18.00
		12	0	17.08	16.89	17.04	18.00
		12	6	17.14	16.97	17.03	18.00
		12	13	16.91	17.03	16.86	18.00
		25	0	16.72	17.07	16.73	18.00



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	64QAM	1	0	16.76	16.91	16.72	18.00
		1	13	16.84	16.80	16.87	18.00
		1	24	17.10	17.15	17.11	18.00
		12	0	17.19	17.06	16.97	18.00
		12	6	17.08	17.04	17.05	18.00
		12	13	16.99	17.00	17.22	18.00
		25	0	16.87	16.99	16.71	18.00
	256QAM	1	0	16.25	16.31	16.32	17.50
		1	13	16.45	16.43	16.39	17.50
		1	24	16.58	16.56	16.63	17.50
		12	0	16.59	16.64	16.53	17.50
		12	6	16.46	16.58	16.50	17.50
		12	13	16.41	16.59	16.69	17.50
		25	0	16.28	16.57	16.32	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.83	17.09	16.76	18.00
		1	25	16.77	17.00	16.97	18.00
		1	49	17.02	16.86	16.90	18.00
		25	0	17.14	17.03	17.04	18.00
		25	13	17.15	17.04	16.98	18.00
		25	25	16.89	17.10	16.88	18.00
		50	0	16.94	17.06	17.08	18.00
	16QAM	1	0	16.89	17.03	16.83	18.00
		1	25	16.83	16.98	16.81	18.00
		1	49	16.85	16.91	17.10	18.00
		25	0	17.19	16.92	16.91	18.00
		25	13	17.06	17.06	17.11	18.00
		25	25	17.02	17.03	16.91	18.00
		50	0	16.67	17.06	16.74	18.00
	64QAM	1	0	16.84	16.89	16.78	18.00
		1	25	16.96	16.84	16.82	18.00
		1	49	17.06	17.07	17.10	18.00
		25	0	17.09	17.17	17.01	18.00
		25	13	17.03	17.01	17.03	18.00
		25	25	16.97	17.15	17.15	18.00
		50	0	16.77	17.06	16.74	18.00
	256QAM	1	0	16.33	16.26	16.37	17.50
		1	25	16.33	16.38	16.30	17.50



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		1	49	16.72	16.61	16.71	17.50
		25	0	16.75	16.61	16.57	17.50
		25	13	16.59	16.49	16.45	17.50
		25	25	16.40	16.63	16.72	17.50
		50	0	16.33	16.58	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.88	17.11	16.83	18.00
		1	38	16.87	16.98	16.87	18.00
		1	74	17.01	16.92	17.09	18.00
		36	0	17.04	17.01	17.03	18.00
		36	18	17.07	16.93	17.01	18.00
		36	39	16.88	16.93	17.03	18.00
		75	0	17.02	16.96	17.05	18.00
	16QAM	1	0	16.85	17.10	16.77	18.00
		1	38	16.80	16.85	16.96	18.00
		1	74	16.82	16.84	17.03	18.00
		36	0	17.11	16.85	17.10	18.00
		36	18	17.10	16.94	17.00	18.00
		36	39	17.00	16.88	16.83	18.00
		75	0	16.62	16.96	16.82	18.00
	64QAM	1	0	16.80	16.92	16.70	18.00
		1	38	16.92	16.93	16.83	18.00
		1	74	17.21	16.99	17.02	18.00
		36	0	17.26	17.14	16.98	18.00
		36	18	16.98	16.95	17.09	18.00
		36	39	16.90	17.14	17.15	18.00
		75	0	16.88	17.09	16.76	18.00
	256QAM	1	0	16.17	16.40	16.24	17.50
		1	38	16.42	16.42	16.50	17.50
		1	74	16.57	16.57	16.56	17.50
		36	0	16.57	16.71	16.55	17.50
		36	18	16.44	16.56	16.50	17.50
		36	39	16.52	16.55	16.59	17.50
		75	0	16.19	16.59	16.28	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.78	16.94	16.79	18.00
		1	50	16.85	17.01	16.88	18.00



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		1	99	17.01	16.92	17.03	18.00
		50	0	16.98	17.01	17.01	18.00
		50	25	16.97	17.05	17.03	18.00
		50	50	17.02	17.02	17.06	18.00
		100	0	17.02	17.04	17.14	18.00
	16QAM	1	0	16.82	17.01	16.78	18.00
		1	50	16.85	16.90	16.90	18.00
		1	99	16.85	16.83	17.02	18.00
		50	0	17.16	16.94	17.00	18.00
		50	25	17.16	17.04	17.03	18.00
		50	50	16.95	16.95	16.90	18.00
	64QAM	100	0	16.69	16.99	16.81	18.00
		1	0	16.76	16.85	16.79	18.00
		1	50	16.92	16.87	16.90	18.00
		1	99	17.14	17.09	17.12	18.00
		50	0	17.17	17.11	17.04	18.00
		50	25	17.01	17.01	17.04	18.00
		50	50	16.96	17.09	17.12	18.00
	256QAM	100	0	16.78	17.04	16.79	18.00
		1	0	16.26	16.35	16.29	17.50
		1	50	16.42	16.37	16.40	17.50
		1	99	16.64	16.59	16.62	17.50
		50	0	16.67	16.61	16.54	17.50
		50	25	16.51	16.51	16.54	17.50
50		50	16.46	16.59	16.62	17.50	
100	0	16.28	16.54	16.29	17.50		

LTE Band 4 Eci4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.11	21.22	21.30	22.50
		1	2	21.23	21.21	21.18	22.50
		1	5	21.31	21.30	21.30	22.50
		3	0	21.04	21.25	21.13	22.50
		3	2	21.22	21.11	21.12	22.50
		3	3	21.14	21.29	21.30	22.50
		6	0	20.22	20.10	20.22	21.50
	16QAM	1	0	20.28	20.03	20.34	21.50



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		1	2	20.34	20.26	20.49	21.50	
		1	5	20.28	20.13	20.57	21.50	
		3	0	20.11	20.22	20.22	21.50	
		3	2	20.23	20.22	20.31	21.50	
		3	3	20.12	20.14	20.32	21.50	
		6	0	19.20	19.17	19.11	20.50	
	64QAM	1	0	19.24	18.56	19.37	20.50	
		1	2	19.21	19.30	19.17	20.50	
		1	5	19.14	19.34	19.23	20.50	
		3	0	19.03	19.18	19.06	20.50	
		3	2	19.25	19.28	19.21	20.50	
		3	3	19.20	19.37	19.23	20.50	
	256QAM	6	0	18.06	18.26	18.30	19.50	
		1	0	16.16	16.28	16.21	17.50	
		1	2	16.14	16.31	16.16	17.50	
		1	5	16.34	16.41	16.43	17.50	
		3	0	16.22	16.24	16.40	17.50	
		3	2	16.43	16.28	16.22	17.50	
	256QAM	3	3	16.17	16.13	16.19	17.50	
		6	0	16.18	16.14	16.23	17.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
3MHz		QPSK	1	0	21.16	21.24	21.24	22.50
			1	7	21.21	21.10	21.08	22.50
	1		14	21.32	21.17	21.14	22.50	
	8		0	20.13	20.12	20.11	21.50	
	8		4	20.20	20.11	20.29	21.50	
	8		7	20.18	20.24	20.38	21.50	
	15		0	20.06	20.18	20.21	21.50	
	16QAM	1	0	20.34	20.06	20.28	21.50	
		1	7	20.36	20.15	20.52	21.50	
		1	14	20.27	19.97	20.58	21.50	
		8	0	19.17	19.23	19.07	20.50	
		8	4	19.08	19.16	19.19	20.50	
		8	7	19.21	19.17	19.24	20.50	
		15	0	19.07	19.24	19.24	20.50	
	64QAM	1	0	19.22	18.99	19.38	20.50	
		1	7	19.29	19.27	19.20	20.50	
		1	14	19.22	19.40	19.36	20.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	256QAM	8	0	18.19	18.16	18.23	19.50	
		8	4	18.09	18.12	18.20	19.50	
		8	7	18.24	18.35	18.23	19.50	
		15	0	18.07	18.25	18.20	19.50	
		1	0	16.17	16.22	16.11	17.50	
		1	7	16.16	16.19	16.15	17.50	
		1	14	16.39	16.34	16.25	17.50	
		8	0	16.18	16.43	16.31	17.50	
	16QAM	8	4	16.42	16.17	16.27	17.50	
		8	7	16.10	16.21	16.28	17.50	
		15	0	16.20	16.16	16.29	17.50	
		QPSK	1	0	21.11	21.18	21.26	22.50
			1	13	21.25	21.24	21.19	22.50
			1	24	21.36	21.20	21.28	22.50
			12	0	20.13	20.22	20.28	21.50
			12	6	20.11	20.26	20.17	21.50
	12		13	20.17	20.21	20.38	21.50	
	25		0	20.22	20.14	20.18	21.50	
	64QAM		1	0	20.46	20.22	20.19	21.50
		1	13	20.30	20.07	20.50	21.50	
		1	24	20.27	20.08	20.64	21.50	
		12	0	19.19	19.16	19.08	20.50	
		12	6	19.25	19.16	19.22	20.50	
		12	13	19.12	19.16	19.30	20.50	
		25	0	19.00	19.22	19.27	20.50	
		256QAM	1	0	19.13	18.53	19.39	20.50
	1		13	19.25	19.30	19.31	20.50	
	1		24	19.14	19.25	19.27	20.50	
12	0		18.11	18.28	18.06	19.50		
12	6		18.22	18.20	18.26	19.50		
12	13		18.26	18.19	18.33	19.50		
25	0		18.06	18.13	18.26	19.50		
256QAM	1		0	16.22	16.15	16.20	17.50	
	1	13	16.17	16.17	16.32	17.50		
	1	24	16.38	16.36	16.44	17.50		
	12	0	16.32	16.29	16.43	17.50		
	12	6	16.38	16.31	16.19	17.50		



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Bandwidth	Modulation	RB size	RB offset	12	13	16.04	16.14	16.15	17.50	
				25	0	16.12	16.13	16.21	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				20000	20175	20350				
10MHz	QPSK	1	0	21.19	21.23	21.22	22.50			
		1	25	21.34	21.07	21.23	22.50			
		1	49	21.21	21.20	21.19	22.50			
		25	0	20.12	20.21	20.11	21.50			
		25	13	20.17	20.14	20.26	21.50			
		25	25	20.14	20.32	20.24	21.50			
		50	0	20.06	20.21	20.24	21.50			
	16QAM	1	0	20.43	20.10	20.21	21.50			
		1	25	20.20	20.07	20.63	21.50			
		1	49	20.34	20.03	20.68	21.50			
		25	0	19.03	19.25	19.26	20.50			
		25	13	19.09	19.17	19.27	20.50			
		25	25	19.08	19.17	19.20	20.50			
		50	0	19.13	19.23	19.27	20.50			
	64QAM	1	0	19.14	18.97	19.27	20.50			
		1	25	19.28	19.28	19.29	20.50			
		1	49	19.11	19.26	19.32	20.50			
		25	0	18.08	18.17	18.06	19.50			
		25	13	18.13	18.16	18.20	19.50			
		25	25	18.08	18.31	18.29	19.50			
		50	0	18.07	18.10	18.17	19.50			
	256QAM	1	0	16.07	16.16	16.10	17.50			
		1	25	16.09	16.19	16.30	17.50			
		1	49	16.27	16.48	16.36	17.50			
		25	0	16.30	16.38	16.42	17.50			
		25	13	16.27	16.31	16.22	17.50			
		25	25	16.15	16.31	16.23	17.50			
		50	0	16.23	16.15	16.30	17.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
	15MHz	QPSK	1	0	21.04	21.20	21.26	22.50		
1			38	21.18	21.08	21.06	22.50			
1			74	21.29	21.24	21.23	22.50			
36			0	20.10	20.11	20.14	21.50			
36			18	20.14	20.15	20.23	21.50			
						20025	20175	20325		



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	16QAM	36	39	20.14	20.37	20.30	21.50	
		75	0	20.11	20.27	20.27	21.50	
		1	0	20.42	20.11	20.33	21.50	
		1	38	20.34	20.10	20.44	21.50	
		1	74	20.34	19.96	20.55	21.50	
		36	0	19.06	19.17	19.24	20.50	
		36	18	19.09	19.24	19.16	20.50	
		36	39	19.20	19.19	19.24	20.50	
	64QAM	75	0	19.13	19.22	19.12	20.50	
		1	0	19.30	18.55	19.30	20.50	
		1	38	19.26	19.30	19.26	20.50	
		1	74	19.23	19.35	19.26	20.50	
		36	0	18.00	18.13	18.25	19.50	
		36	18	18.13	18.21	18.12	19.50	
		36	39	18.15	18.26	18.31	19.50	
	256QAM	75	0	18.14	18.09	18.26	19.50	
		1	0	16.11	16.16	16.25	17.50	
		1	38	16.24	16.15	16.23	17.50	
		1	74	16.29	16.48	16.33	17.50	
		36	0	16.22	16.27	16.43	17.50	
		36	18	16.42	16.26	16.31	17.50	
		36	39	16.08	16.28	16.30	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
	20MHz	QPSK	1	0	21.13	21.15	21.20	22.50
			1	50	21.24	21.16	21.13	22.50
			1	99	21.29	21.27	21.22	22.50
			50	0	20.14	20.16	20.21	21.50
50			25	20.17	20.17	20.22	21.50	
50			50	20.18	20.27	20.32	21.50	
100			0	20.14	20.19	20.28	21.50	
16QAM		1	0	20.36	20.13	20.27	21.50	
		1	50	20.28	20.17	20.53	21.50	
		1	99	20.30	20.04	20.61	21.50	
		50	0	19.12	19.22	19.16	20.50	
		50	25	19.17	19.21	19.21	20.50	
		50	50	19.18	19.15	19.28	20.50	
		100	0	19.10	19.18	19.18	20.50	



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64QAM	1	0	19.20	18.54	19.36	20.50	
	1	50	19.26	19.34	19.22	20.50	
	1	99	19.17	19.35	19.33	20.50	
	50	0	18.10	18.19	18.15	19.50	
	50	25	18.18	18.20	18.18	19.50	
	50	50	18.16	18.27	18.26	19.50	
	100	0	18.15	18.18	18.21	19.50	
	256QAM	1	0	16.15	16.18	16.17	17.50
		1	50	16.18	16.21	16.24	17.50
		1	99	16.36	16.40	16.35	17.50
		50	0	16.24	16.34	16.38	17.50
		50	25	16.35	16.26	16.21	17.50
		50	50	16.11	16.21	16.22	17.50
		100	0	16.21	16.14	16.24	17.50

LTE Band 4 Eci3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	14.90	14.81	14.86	16.00
		1	2	14.89	14.93	14.89	16.00
		1	5	14.90	14.95	14.96	16.00
		3	0	14.71	14.91	14.90	16.00
		3	2	14.82	14.76	14.88	16.00
		3	3	14.82	15.05	14.99	16.00
		6	0	14.76	14.99	14.94	16.00
	16QAM	1	0	14.86	14.99	14.81	16.00
		1	2	14.99	14.99	14.87	16.00
		1	5	15.11	15.22	15.01	16.00
		3	0	14.73	14.69	14.72	16.00
		3	2	14.87	14.84	14.92	16.00
		3	3	14.87	14.86	14.91	16.00
		6	0	14.83	15.00	15.02	16.00
	64QAM	1	0	14.86	14.98	14.92	16.00
		1	2	15.07	14.94	14.95	16.00
		1	5	14.81	14.91	15.20	16.00
		3	0	14.66	14.77	14.74	16.00
		3	2	14.92	14.86	14.84	16.00
		3	3	14.88	14.97	15.09	16.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				19965	20175	20385			
3MHz	256QAM	6	0	14.76	14.84	14.89	16.00		
		1	0	14.45	14.63	14.72	16.00		
		1	2	15.02	14.88	14.54	16.00		
		1	5	14.68	15.03	15.00	16.00		
		3	0	14.78	14.89	14.74	16.00		
		3	2	14.71	14.82	15.00	16.00		
		3	3	14.86	14.85	14.61	16.00		
		6	0	14.91	14.91	14.96	16.00		
	QPSK	16QAM	1	0	14.78	14.81	14.76	16.00	
			1	7	14.82	14.77	14.95	16.00	
			1	14	14.85	14.93	15.05	16.00	
			8	0	14.78	14.80	14.91	16.00	
			8	4	14.81	14.78	15.07	16.00	
			8	7	14.75	15.02	15.19	16.00	
			15	0	14.76	14.83	15.00	16.00	
		64QAM	256QAM	1	0	14.77	14.96	14.95	16.00
				1	7	14.95	15.07	14.86	16.00
				1	14	14.97	15.13	15.07	16.00
				8	0	14.77	14.72	14.76	16.00
				8	4	14.88	14.73	14.87	16.00
				8	7	14.74	14.97	14.84	16.00
				15	0	14.74	14.92	14.98	16.00
		256QAM	256QAM	1	0	15.03	15.06	14.90	16.00
				1	7	15.08	14.92	14.93	16.00
				1	14	14.76	14.98	15.13	16.00
				8	0	14.77	14.80	14.75	16.00
				8	4	14.85	14.90	14.98	16.00
				8	7	14.91	14.96	14.99	16.00
15				0	14.77	14.88	14.87	16.00	
256QAM		256QAM	1	0	14.40	14.71	14.76	16.00	
			1	7	15.04	14.99	14.65	16.00	
			1	14	14.65	14.92	14.97	16.00	
	8		0	14.92	14.84	14.83	16.00		
	8		4	14.67	14.85	14.85	16.00		
	8		7	14.90	14.80	14.75	16.00		
	15		0	14.84	14.86	14.94	16.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		



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Bandwidth	Modulation	RB size	RB offset	19975	20175	20375	Tune up
				20000	20175	20350	
5MHz	QPSK	1	0	14.79	14.81	14.83	16.00
		1	13	14.74	14.86	14.92	16.00
		1	24	14.78	15.04	14.93	16.00
		12	0	14.76	14.80	14.86	16.00
		12	6	14.73	14.90	14.98	16.00
		12	13	14.91	14.85	15.00	16.00
		25	0	14.74	14.98	14.97	16.00
	16QAM	1	0	14.84	15.07	14.85	16.00
		1	13	14.98	15.14	14.93	16.00
		1	24	15.03	15.24	15.04	16.00
		12	0	14.81	14.71	14.76	16.00
		12	6	14.76	14.81	14.84	16.00
		12	13	14.69	14.93	14.91	16.00
		25	0	14.76	14.96	14.99	16.00
	64QAM	1	0	15.05	15.01	14.90	16.00
		1	13	15.02	14.93	14.85	16.00
		1	24	14.81	14.79	15.05	16.00
		12	0	14.79	14.89	14.76	16.00
		12	6	14.87	14.90	14.88	16.00
		12	13	14.92	15.03	14.99	16.00
		25	0	14.73	14.80	14.93	16.00
	256QAM	1	0	14.50	14.79	14.76	16.00
		1	13	15.04	14.93	14.62	16.00
		1	24	14.71	14.99	15.09	16.00
		12	0	14.89	14.77	14.86	16.00
		12	6	14.76	14.84	15.00	16.00
		12	13	14.77	14.83	14.66	16.00
		25	0	14.81	14.88	14.86	16.00
10MHz	QPSK	1	0	14.77	14.89	14.72	16.00
		1	25	14.74	14.87	14.89	16.00
		1	49	14.92	14.89	14.90	16.00
		25	0	14.79	14.78	14.80	16.00
		25	13	14.81	14.81	14.88	16.00
		25	25	14.85	15.05	15.00	16.00
		50	0	14.88	14.99	15.05	16.00
	16QAM	1	0	14.77	15.13	14.87	16.00



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		1	25	15.07	15.13	14.92	16.00	
		1	49	14.95	15.31	15.13	16.00	
		25	0	14.83	14.83	14.77	16.00	
		25	13	14.78	14.86	15.00	16.00	
		25	25	14.69	15.05	15.00	16.00	
		50	0	14.70	14.86	14.86	16.00	
	64QAM	1	0	15.00	14.92	14.87	16.00	
		1	25	14.97	15.05	15.02	16.00	
		1	49	14.77	14.83	15.11	16.00	
		25	0	14.79	14.89	14.82	16.00	
		25	13	14.90	14.89	14.92	16.00	
		25	25	14.75	14.89	14.90	16.00	
	256QAM	50	0	14.85	14.96	14.94	16.00	
		1	0	14.53	14.64	14.71	16.00	
		1	25	14.98	14.95	14.55	16.00	
		1	49	14.71	14.97	15.11	16.00	
		25	0	14.88	14.91	14.79	16.00	
		25	13	14.65	14.69	14.92	16.00	
	256QAM	25	25	14.77	14.80	14.56	16.00	
		50	0	14.79	14.87	14.88	16.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
15MHz		QPSK	1	0	14.77	14.86	14.86	16.00
			1	38	14.92	14.88	14.84	16.00
	1		74	14.83	14.97	14.90	16.00	
	36		0	14.81	14.80	14.96	16.00	
	36		18	14.91	14.88	14.97	16.00	
	36		39	14.87	15.02	15.08	16.00	
	75		0	14.78	14.96	15.03	16.00	
	16QAM	1	0	14.73	14.98	14.92	16.00	
		1	38	14.93	15.08	14.90	16.00	
		1	74	15.08	15.30	15.10	16.00	
		36	0	14.77	14.76	14.67	16.00	
		36	18	14.72	14.85	14.93	16.00	
		36	39	14.88	14.91	15.04	16.00	
		75	0	14.73	14.80	14.89	16.00	
	64QAM	1	0	14.89	15.08	14.87	16.00	
		1	38	15.13	15.07	14.89	16.00	
		1	74	14.76	14.91	15.15	16.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	256QAM	36	0	14.79	14.73	14.87	16.00	
		36	18	14.79	14.77	14.85	16.00	
		36	39	14.85	14.93	15.04	16.00	
		75	0	14.77	14.91	14.85	16.00	
		1	0	14.45	14.61	14.74	16.00	
		1	38	15.00	14.83	14.58	16.00	
		1	74	14.55	14.99	15.06	16.00	
		36	0	14.95	14.86	14.87	16.00	
	36	18	14.57	14.73	14.98	16.00		
	36	39	14.87	14.80	14.66	16.00		
	75	0	14.78	14.95	14.85	16.00		
	20MHz	QPSK	1	0	14.83	14.87	14.80	16.00
			1	50	14.83	14.84	14.85	16.00
			1	99	14.87	14.97	14.98	16.00
			50	0	14.78	14.83	14.87	16.00
			50	25	14.83	14.84	14.97	16.00
			50	50	14.82	14.95	15.09	16.00
			100	0	14.81	14.91	14.98	16.00
		16QAM	1	0	14.78	15.06	14.88	16.00
			1	50	15.03	15.04	14.93	16.00
			1	99	15.05	15.23	15.08	16.00
			50	0	14.77	14.79	14.77	16.00
			50	25	14.79	14.83	14.93	16.00
			50	50	14.79	14.95	14.94	16.00
			100	0	14.77	14.90	14.92	16.00
		64QAM	1	0	14.95	15.00	14.82	16.00
			1	50	15.04	15.02	14.92	16.00
			1	99	14.84	14.88	15.10	16.00
50			0	14.71	14.83	14.80	16.00	
50			25	14.86	14.84	14.91	16.00	
50			50	14.84	14.95	14.99	16.00	
100			0	14.80	14.88	14.90	16.00	
256QAM		1	0	14.47	14.71	14.81	16.00	
		1	50	14.94	14.89	14.63	16.00	
		1	99	14.64	14.95	15.07	16.00	
		50	0	14.87	14.81	14.83	16.00	
		50	25	14.66	14.77	14.93	16.00	



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		50	50	14.84	14.90	14.66	16.00
		100	0	14.86	14.88	14.94	16.00

LTE Band 4 Eci2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	12.60	12.60	12.66	14.00	
		1	2	12.64	12.64	12.64	14.00	
		1	5	12.66	12.74	12.59	14.00	
		3	0	12.67	12.67	12.56	14.00	
		3	2	12.68	12.61	12.62	14.00	
		3	3	12.63	12.70	12.74	14.00	
	16QAM	1	0	12.76	12.72	12.78	14.00	
		1	2	12.67	12.78	12.80	14.00	
		1	5	12.89	12.84	12.73	14.00	
		3	0	12.63	12.65	12.71	14.00	
		3	2	12.74	12.60	12.62	14.00	
		3	3	12.67	12.68	12.62	14.00	
	64QAM	1	0	12.64	12.66	12.58	14.00	
		1	2	12.82	12.68	12.75	14.00	
		1	5	12.84	12.61	12.65	14.00	
		3	0	12.57	12.62	12.79	14.00	
		3	2	12.64	12.68	12.63	14.00	
		3	3	12.68	12.60	12.65	14.00	
	256QAM	1	0	12.74	12.57	12.69	14.00	
		1	2	12.75	12.71	12.74	14.00	
		1	5	12.75	12.63	12.76	14.00	
		3	0	12.66	12.66	12.54	14.00	
		3	2	12.68	12.63	12.63	14.00	
		3	3	12.62	12.65	12.65	14.00	
	3MHz	QPSK	1	0	Channel	Channel	Channel	Tune up
					19965	20175	20385	
	3MHz	QPSK	1	0	12.65	12.53	12.72	14.00



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		1	7	12.66	12.68	12.70	14.00
		1	14	12.63	12.71	12.55	14.00
		8	0	12.53	12.68	12.56	14.00
		8	4	12.65	12.61	12.63	14.00
		8	7	12.66	12.71	12.63	14.00
		15	0	12.57	12.53	12.61	14.00
	16QAM	1	0	12.62	12.62	12.75	14.00
		1	7	12.65	12.85	12.75	14.00
		1	14	12.90	12.82	12.70	14.00
		8	0	12.65	12.55	12.74	14.00
		8	4	12.71	12.68	12.60	14.00
		8	7	12.60	12.55	12.68	14.00
		15	0	12.62	12.53	12.66	14.00
	64QAM	1	0	12.68	12.73	12.60	14.00
		1	7	12.71	12.80	12.81	14.00
		1	14	12.79	12.56	12.58	14.00
		8	0	12.61	12.68	12.78	14.00
		8	4	12.59	12.65	12.60	14.00
		8	7	12.67	12.60	12.69	14.00
		15	0	12.57	12.60	12.52	14.00
	256QAM	1	0	12.70	12.60	12.65	14.00
		1	7	12.73	12.69	12.61	14.00
		1	14	12.86	12.54	12.77	14.00
		8	0	12.61	12.54	12.61	14.00
		8	4	12.67	12.61	12.69	14.00
		8	7	12.62	12.67	12.76	14.00
		15	0	12.51	12.51	12.58	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	12.60	12.56	12.58	14.00
		1	13	12.60	12.54	12.60	14.00
		1	24	12.68	12.62	12.67	14.00
		12	0	12.71	12.52	12.58	14.00
		12	6	12.61	12.51	12.59	14.00
		12	13	12.56	12.61	12.63	14.00
		25	0	12.59	12.64	12.57	14.00
	16QAM	1	0	12.72	12.72	12.65	14.00
		1	13	12.74	12.71	12.65	14.00
		1	24	12.81	12.75	12.71	14.00



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		12	0	12.54	12.67	12.72	14.00		
		12	6	12.71	12.71	12.52	14.00		
		12	13	12.63	12.59	12.69	14.00		
		25	0	12.54	12.52	12.58	14.00		
	64QAM	1	0	12.54	12.71	12.61	14.00		
		1	13	12.68	12.75	12.75	14.00		
		1	24	12.81	12.66	12.60	14.00		
		12	0	12.61	12.58	12.74	14.00		
		12	6	12.70	12.54	12.66	14.00		
		12	13	12.57	12.61	12.74	14.00		
	256QAM	25	0	12.65	12.58	12.51	14.00		
		1	0	12.70	12.63	12.62	14.00		
		1	13	12.81	12.66	12.74	14.00		
		1	24	12.68	12.63	12.75	14.00		
		12	0	12.54	12.54	12.59	14.00		
		12	6	12.72	12.55	12.56	14.00		
		12	13	12.66	12.68	12.58	14.00		
		25	0	12.57	12.66	12.56	14.00		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20000	20175	20350	
		10MHz	QPSK	1	0	12.53	12.61	12.70	14.00
1				25	12.59	12.63	12.53	14.00	
1	49			12.55	12.59	12.64	14.00		
25	0			12.59	12.56	12.61	14.00		
25	13			12.58	12.61	12.62	14.00		
25	25			12.62	12.54	12.61	14.00		
16QAM	50		0	12.55	12.58	12.59	14.00		
	1		0	12.73	12.61	12.79	14.00		
	1		25	12.61	12.79	12.81	14.00		
	1		49	12.92	12.75	12.67	14.00		
	25		0	12.61	12.58	12.71	14.00		
	25		13	12.64	12.56	12.56	14.00		
64QAM	25		25	12.69	12.57	12.66	14.00		
	50		0	12.64	12.62	12.56	14.00		
	1		0	12.55	12.71	12.51	14.00		
	1		25	12.73	12.62	12.65	14.00		
	1		49	12.81	12.64	12.57	14.00		
			25	0	12.62	12.72	12.74	14.00	
			25	13	12.59	12.69	12.61	14.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	256QAM	25	25	12.56	12.65	12.64	14.00	
		50	0	12.50	12.61	12.54	14.00	
		1	0	12.62	12.55	12.61	14.00	
		1	25	12.72	12.55	12.75	14.00	
		1	49	12.76	12.52	12.82	14.00	
		25	0	12.66	12.53	12.52	14.00	
		25	13	12.54	12.54	12.54	14.00	
		25	25	12.65	12.64	12.63	14.00	
		50	0	12.64	12.64	12.55	14.00	
	QPSK	1	0	12.64	12.56	12.75	14.00	
		1	38	12.63	12.54	12.61	14.00	
		1	74	12.70	12.60	12.55	14.00	
		36	0	12.68	12.67	12.60	14.00	
		36	18	12.72	12.62	12.58	14.00	
		36	39	12.64	12.59	12.62	14.00	
		75	0	12.62	12.53	12.62	14.00	
		16QAM	1	0	12.74	12.74	12.72	14.00
			1	38	12.73	12.75	12.81	14.00
			1	74	12.94	12.71	12.57	14.00
			36	0	12.68	12.52	12.69	14.00
			36	18	12.62	12.71	12.62	14.00
			36	39	12.62	12.70	12.67	14.00
		64QAM	75	0	12.54	12.54	12.61	14.00
			1	0	12.58	12.58	12.64	14.00
			1	38	12.72	12.76	12.73	14.00
			1	74	12.82	12.56	12.59	14.00
			36	0	12.56	12.65	12.66	14.00
	36		18	12.62	12.53	12.56	14.00	
	36		39	12.68	12.63	12.67	14.00	
	256QAM	75	0	12.59	12.58	12.61	14.00	
1		0	12.64	12.53	12.69	14.00		
1		38	12.81	12.60	12.60	14.00		
1		74	12.69	12.69	12.75	14.00		
36		0	12.63	12.59	12.62	14.00		
36		18	12.59	12.62	12.64	14.00		
36		39	12.67	12.58	12.65	14.00		
75	0	12.52	12.53	12.57	14.00			



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	12.56	12.56	12.68	14.00
		1	50	12.65	12.62	12.61	14.00
		1	99	12.65	12.64	12.58	14.00
		50	0	12.61	12.62	12.52	14.00
		50	25	12.66	12.61	12.63	14.00
		50	50	12.59	12.64	12.67	14.00
		100	0	12.57	12.62	12.58	14.00
	16QAM	1	0	12.68	12.71	12.70	14.00
		1	50	12.65	12.77	12.75	14.00
		1	99	12.86	12.77	12.67	14.00
		50	0	12.60	12.60	12.68	14.00
		50	25	12.68	12.61	12.59	14.00
		50	50	12.59	12.65	12.64	14.00
		100	0	12.58	12.62	12.56	14.00
	64QAM	1	0	12.60	12.68	12.54	14.00
		1	50	12.76	12.70	12.72	14.00
		1	99	12.74	12.57	12.67	14.00
		50	0	12.52	12.62	12.70	14.00
		50	25	12.63	12.59	12.61	14.00
		50	50	12.61	12.62	12.64	14.00
		100	0	12.57	12.59	12.56	14.00
	256QAM	1	0	12.68	12.55	12.60	14.00
		1	50	12.77	12.63	12.68	14.00
		1	99	12.77	12.60	12.77	14.00
		50	0	12.56	12.62	12.53	14.00
		50	25	12.62	12.60	12.60	14.00
		50	50	12.59	12.64	12.66	14.00
		100	0	12.55	12.61	12.59	14.00

LTE Band 4 Eci7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	11.63	11.73	11.79	13.00
		1	2	11.80	11.89	11.98	13.00
		1	5	11.88	11.92	11.90	13.00
		3	0	11.80	11.82	11.80	13.00



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		3	2	11.84	11.84	11.84	13.00	
		3	3	11.72	11.91	12.01	13.00	
		6	0	11.72	11.75	11.92	13.00	
	16QAM	1	0	11.84	11.88	12.22	13.00	
		1	2	12.09	12.18	11.88	13.00	
		1	5	11.96	12.05	12.18	13.00	
		3	0	11.79	11.72	11.74	13.00	
		3	2	11.73	11.89	11.81	13.00	
		3	3	11.74	11.75	12.06	13.00	
		6	0	11.65	11.84	11.79	13.00	
	64QAM	1	0	11.88	11.82	11.88	13.00	
		1	2	11.94	11.84	11.90	13.00	
		1	5	11.95	12.03	12.19	13.00	
		3	0	11.75	11.80	11.75	13.00	
		3	2	11.84	11.84	11.80	13.00	
		3	3	11.84	11.92	11.94	13.00	
		6	0	11.69	11.70	11.84	13.00	
	256QAM	1	0	11.83	11.52	11.82	13.00	
		1	2	12.00	11.80	12.07	13.00	
		1	5	12.00	11.97	11.98	13.00	
		3	0	11.60	11.88	11.82	13.00	
		3	2	11.77	11.83	11.75	13.00	
		3	3	11.67	11.91	11.95	13.00	
		6	0	11.79	11.80	11.93	13.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
	3MHz	QPSK	1	0	11.76	11.89	11.86	13.00
			1	7	11.82	11.82	11.79	13.00
1			14	11.86	11.88	11.93	13.00	
8			0	11.68	11.88	11.79	13.00	
8			4	11.84	11.85	11.90	13.00	
8			7	11.80	11.86	11.92	13.00	
15			0	11.86	11.78	11.91	13.00	
16QAM		1	0	11.87	11.80	12.20	13.00	
		1	7	11.91	12.17	11.88	13.00	
		1	14	11.87	12.17	12.26	13.00	
		8	0	11.74	11.87	11.70	13.00	
		8	4	11.83	11.74	11.88	13.00	
		8	7	11.89	11.80	11.95	13.00	



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		15	0	11.79	11.88	11.74	13.00
	64QAM	1	0	11.88	11.82	11.88	13.00
		1	7	11.96	11.96	11.88	13.00
		1	14	11.96	12.12	12.09	13.00
		8	0	11.62	11.83	11.81	13.00
		8	4	11.84	11.87	11.91	13.00
		8	7	11.83	11.95	12.03	13.00
		15	0	11.64	11.76	11.82	13.00
	256QAM	1	0	11.72	11.66	11.88	13.00
		1	7	11.80	11.92	12.01	13.00
		1	14	11.88	11.89	12.13	13.00
		8	0	11.76	11.86	11.98	13.00
		8	4	11.86	11.70	11.91	13.00
		8	7	11.85	11.79	11.80	13.00
		15	0	11.67	11.78	11.81	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	11.73	11.72	11.76	13.00
		1	13	11.84	11.81	11.84	13.00
		1	24	11.77	11.83	11.98	13.00
		12	0	11.64	11.86	11.72	13.00
		12	6	11.74	11.88	11.87	13.00
		12	13	11.83	11.97	12.04	13.00
		25	0	11.77	11.80	11.96	13.00
	16QAM	1	0	11.75	11.90	12.27	13.00
		1	13	12.00	12.13	12.05	13.00
		1	24	11.83	12.05	12.18	13.00
		12	0	11.71	11.89	11.78	13.00
		12	6	11.86	11.86	11.95	13.00
		12	13	11.71	11.87	12.07	13.00
		25	0	11.78	11.89	11.81	13.00
	64QAM	1	0	11.93	11.80	11.88	13.00
		1	13	11.97	11.90	11.89	13.00
		1	24	11.82	11.94	12.06	13.00
		12	0	11.76	11.82	11.80	13.00
		12	6	11.79	11.70	11.89	13.00
		12	13	11.79	11.90	11.99	13.00
		25	0	11.79	11.73	11.75	13.00
	256QAM	1	0	11.82	11.65	11.75	13.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	13	11.87	11.75	12.06	13.00
		1	24	11.93	11.88	12.14	13.00
		12	0	11.72	11.80	11.88	13.00
		12	6	11.88	11.79	11.85	13.00
		12	13	11.65	11.95	11.81	13.00
		25	0	11.69	11.82	11.86	13.00
	16QAM	1	0	11.71	11.76	11.80	13.00
		1	25	11.75	11.90	11.79	13.00
		1	49	11.76	11.79	12.02	13.00
		25	0	11.62	11.71	11.73	13.00
		25	13	11.86	11.84	11.94	13.00
		25	25	11.77	11.95	11.91	13.00
	64QAM	1	0	11.84	11.78	11.87	13.00
		1	0	11.93	11.95	12.16	13.00
		1	25	12.06	12.11	12.04	13.00
		1	49	11.86	12.07	12.33	13.00
		25	0	11.81	11.80	11.65	13.00
		25	13	11.86	11.88	11.95	13.00
	256QAM	25	25	11.70	11.89	12.04	13.00
		50	0	11.77	11.77	11.89	13.00
		1	0	11.90	11.77	11.95	13.00
		1	25	11.82	12.02	11.84	13.00
		1	49	11.78	11.95	12.11	13.00
		25	0	11.60	11.79	11.82	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	11.63	11.78	11.86	13.00



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		1	38	11.81	11.83	11.84	13.00
		1	74	11.73	11.96	11.90	13.00
		36	0	11.67	11.82	11.77	13.00
		36	18	11.81	11.82	11.81	13.00
		36	39	11.80	11.92	11.90	13.00
		75	0	11.84	11.86	11.78	13.00
	16QAM	1	0	11.94	11.83	12.19	13.00
		1	38	12.02	12.13	11.88	13.00
		1	74	11.91	12.10	12.24	13.00
		36	0	11.76	11.80	11.74	13.00
		36	18	11.92	11.73	11.77	13.00
		36	39	11.86	11.87	11.93	13.00
	64QAM	75	0	11.68	11.83	11.87	13.00
		1	0	11.87	11.83	11.94	13.00
		1	38	11.89	11.99	11.86	13.00
		1	74	11.89	12.09	12.20	13.00
		36	0	11.77	11.71	11.77	13.00
		36	18	11.83	11.76	11.87	13.00
	256QAM	36	39	11.87	11.76	11.97	13.00
		75	0	11.64	11.82	11.80	13.00
		1	0	11.83	11.64	11.89	13.00
1		38	11.82	11.75	12.00	13.00	
1		74	11.94	11.87	12.06	13.00	
36		0	11.56	11.68	11.97	13.00	
20MHz	QPSK	36	18	11.77	11.76	11.86	13.00
		36	39	11.81	11.79	11.86	13.00
		75	0	11.67	11.69	11.77	13.00
		1	0	11.84	11.89	12.21	13.00
		1	50	11.99	12.09	11.96	13.00
		1	99	11.87	12.09	12.24	13.00
	16QAM	1	0	11.83	11.64	11.89	13.00
		1	38	11.82	11.75	12.00	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	11.69	11.82	11.77	13.00
		1	50	11.82	11.84	11.88	13.00
		1	99	11.79	11.87	11.99	13.00
		50	0	11.72	11.80	11.77	13.00
		50	25	11.78	11.80	11.85	13.00
		50	50	11.79	11.88	11.98	13.00
	16QAM	100	0	11.76	11.82	11.86	13.00
		1	0	11.84	11.89	12.21	13.00
		1	50	11.99	12.09	11.96	13.00
		1	99	11.87	12.09	12.24	13.00



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		50	0	11.73	11.80	11.73	13.00
		50	25	11.83	11.80	11.86	13.00
		50	50	11.79	11.84	11.97	13.00
		100	0	11.74	11.81	11.82	13.00
	64QAM	1	0	11.83	11.86	11.90	13.00
		1	50	11.89	11.92	11.91	13.00
		1	99	11.88	12.02	12.16	13.00
		50	0	11.70	11.80	11.72	13.00
		50	25	11.77	11.80	11.84	13.00
		50	50	11.80	11.86	11.98	13.00
	256QAM	100	0	11.74	11.77	11.84	13.00
		1	0	11.81	11.61	11.80	13.00
		1	50	11.90	11.83	11.97	13.00
		1	99	11.90	11.95	12.04	13.00
50		0	11.66	11.78	11.88	13.00	
50		25	11.78	11.79	11.85	13.00	
50		50	11.75	11.85	11.86	13.00	
		100	0	11.76	11.75	11.84	13.00

LTE Band 4 Eci6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	15.88	15.81	15.77	17.00
		1	2	15.87	15.78	15.90	17.00
		1	5	16.01	15.92	15.97	17.00
		3	0	15.85	15.87	15.77	17.00
		3	2	15.84	15.77	15.94	17.00
		3	3	15.92	16.07	16.09	17.00
	16QAM	6	0	15.76	15.95	15.85	17.00
		1	0	15.86	16.10	15.78	17.00
		1	2	16.00	16.05	15.99	17.00
		1	5	16.14	16.35	16.30	17.00
		3	0	15.77	15.92	15.71	17.00
		3	2	15.93	15.80	15.91	17.00
		3	3	15.92	15.97	15.95	17.00
	64QAM	6	0	15.70	15.94	15.86	17.00
		1	0	15.77	15.83	15.93	17.00



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		1	2	15.99	16.07	15.95	17.00	
		1	5	15.79	16.08	16.16	17.00	
		3	0	15.71	15.90	15.91	17.00	
		3	2	15.96	15.91	15.97	17.00	
		3	3	15.74	15.99	15.96	17.00	
		6	0	15.72	15.77	15.88	17.00	
	256QAM	1	0	15.80	15.87	15.79	17.00	
		1	2	15.90	15.65	15.80	17.00	
		1	5	15.90	15.84	16.19	17.00	
		3	0	15.63	15.87	15.71	17.00	
		3	2	15.75	15.91	16.01	17.00	
		3	3	15.74	15.99	15.90	17.00	
		6	0	15.86	16.03	15.73	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
3MHz	QPSK	1	0	15.85	15.77	15.77	17.00	
		1	7	15.94	15.79	15.87	17.00	
		1	14	15.88	16.04	15.97	17.00	
		8	0	15.79	15.83	15.95	17.00	
		8	4	15.89	15.80	15.99	17.00	
		8	7	15.92	16.02	16.10	17.00	
			15	0	15.81	15.93	15.97	17.00
		16QAM	1	0	15.83	16.15	15.88	17.00
			1	7	16.14	16.23	16.13	17.00
			1	14	16.19	16.36	16.19	17.00
			8	0	15.72	15.85	15.68	17.00
			8	4	15.87	15.75	15.86	17.00
			8	7	15.82	15.89	15.99	17.00
			15	0	15.70	15.83	15.90	17.00
		64QAM	1	0	15.71	15.70	15.93	17.00
			1	7	16.04	16.05	16.08	17.00
			1	14	15.84	16.08	16.04	17.00
			8	0	15.84	15.89	15.86	17.00
			8	4	15.87	15.76	15.87	17.00
			8	7	15.93	15.87	15.97	17.00
			15	0	15.85	15.83	15.93	17.00
		256QAM	1	0	15.83	15.77	15.80	17.00
			1	7	15.87	15.72	15.85	17.00
			1	14	15.93	15.85	16.07	17.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	8	0	15.67	15.83	15.81	17.00	
		8	4	15.86	15.97	16.04	17.00	
		8	7	15.91	15.92	15.77	17.00	
		15	0	15.83	16.02	15.90	17.00	
	16QAM	QPSK	1	0	15.78	15.86	15.93	17.00
			1	13	15.79	15.77	15.96	17.00
			1	24	15.96	15.89	16.07	17.00
			12	0	15.76	15.87	15.80	17.00
			12	6	15.93	15.94	15.96	17.00
			12	13	15.90	16.00	16.05	17.00
	16QAM	16QAM	1	0	15.78	16.24	15.92	17.00
			1	13	16.15	16.07	16.05	17.00
			1	24	16.30	16.25	16.16	17.00
			12	0	15.73	15.90	15.73	17.00
			12	6	15.93	15.77	15.82	17.00
			12	13	15.82	15.85	16.10	17.00
	64QAM	64QAM	1	0	15.83	15.85	16.02	17.00
			1	13	16.09	15.88	15.92	17.00
			1	24	15.75	16.19	16.09	17.00
			12	0	15.71	15.95	15.94	17.00
			12	6	15.77	15.92	15.88	17.00
			12	13	15.76	15.83	16.03	17.00
	256QAM	256QAM	1	0	15.81	15.92	15.77	17.00
			1	13	15.90	15.80	15.76	17.00
			1	24	15.98	15.72	16.07	17.00
			12	0	15.69	15.80	15.91	17.00
			12	6	15.76	15.90	15.92	17.00
			12	13	15.85	15.87	15.84	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	QPSK	1	0	15.89	15.83	15.78	17.00	
		1	25	15.93	15.83	15.93	17.00	
		1	49	15.99	15.94	16.00	17.00	



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		25	0	15.84	15.81	15.92	17.00	
		25	13	15.80	15.90	15.92	17.00	
		25	25	15.80	16.02	15.95	17.00	
		50	0	15.89	15.93	15.88	17.00	
	16QAM	1	0	15.75	16.19	15.77	17.00	
		1	25	16.08	16.25	16.04	17.00	
		1	49	16.22	16.35	16.32	17.00	
		25	0	15.71	15.78	15.73	17.00	
		25	13	15.83	15.74	15.97	17.00	
		25	25	15.81	15.85	16.09	17.00	
	64QAM	50	0	15.83	15.87	15.87	17.00	
		1	0	15.81	15.78	16.02	17.00	
		1	25	16.04	15.92	16.07	17.00	
		1	49	15.80	16.20	16.10	17.00	
		25	0	15.72	15.82	15.81	17.00	
		25	13	15.83	15.78	15.97	17.00	
	256QAM	25	25	15.78	15.88	16.09	17.00	
		50	0	15.72	15.86	15.97	17.00	
		1	0	15.72	15.95	15.88	17.00	
		1	25	15.91	15.66	15.73	17.00	
		1	49	15.99	15.74	16.20	17.00	
		25	0	15.77	15.89	15.72	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
	15MHz	QPSK	1	0	15.85	15.77	15.73	17.00
			1	38	15.77	15.78	15.78	17.00
			1	74	15.96	16.04	16.15	17.00
			36	0	15.86	15.96	15.76	17.00
36			18	15.88	15.79	15.89	17.00	
36			39	15.82	15.92	16.06	17.00	
75			0	15.75	15.91	15.94	17.00	
16QAM		1	0	15.87	16.19	15.89	17.00	
		1	38	16.04	16.18	16.00	17.00	
		1	74	16.12	16.31	16.22	17.00	
		36	0	15.74	15.72	15.72	17.00	
		36	18	15.82	15.74	15.81	17.00	



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		36	39	15.81	15.99	15.95	17.00	
		75	0	15.86	15.92	15.95	17.00	
		64QAM	1	0	15.82	15.83	15.89	17.00
			1	38	15.99	15.94	16.00	17.00
			1	74	15.73	16.13	16.08	17.00
			36	0	15.70	15.88	15.94	17.00
			36	18	15.96	15.86	15.88	17.00
			36	39	15.76	15.99	16.14	17.00
			75	0	15.71	15.94	15.86	17.00
		256QAM	1	0	15.77	15.78	15.85	17.00
			1	38	15.95	15.71	15.80	17.00
			1	74	15.89	15.77	16.11	17.00
			36	0	15.65	15.77	15.77	17.00
			36	18	15.79	15.81	16.00	17.00
36	39		15.86	15.91	15.89	17.00		
75	0		15.76	16.06	15.93	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	1	0	15.84	15.83	15.83	17.00	
		1	50	15.84	15.83	15.88	17.00	
		1	99	15.91	15.97	16.06	17.00	
		50	0	15.78	15.86	15.86	17.00	
		50	25	15.84	15.85	15.95	17.00	
		50	50	15.84	15.97	16.05	17.00	
		100	0	15.82	15.91	15.92	17.00	
	16QAM	1	0	15.83	16.16	15.85	17.00	
		1	50	16.08	16.15	16.03	17.00	
		1	99	16.20	16.34	16.23	17.00	
		50	0	15.75	15.82	15.77	17.00	
		50	25	15.83	15.83	15.91	17.00	
		50	50	15.85	15.92	16.00	17.00	
		100	0	15.79	15.84	15.93	17.00	
	64QAM	1	0	15.81	15.76	15.93	17.00	
		1	50	16.04	15.97	15.99	17.00	
		1	99	15.75	16.16	16.14	17.00	
		50	0	15.76	15.87	15.84	17.00	
		50	25	15.86	15.86	15.95	17.00	
		50	50	15.83	15.92	16.04	17.00	
		100	0	15.79	15.85	15.96	17.00	



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256QAM	1	0	15.80	15.87	15.83	17.00
	1	50	15.96	15.72	15.81	17.00
	1	99	15.99	15.79	16.11	17.00
	50	0	15.69	15.85	15.81	17.00
	50	25	15.83	15.87	15.94	17.00
	50	50	15.82	15.95	15.82	17.00
	100	0	15.81	15.96	15.83	17.00

LTE Band 5 Eci3/4/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.45	21.44	21.51	22.50
		1	2	21.35	21.50	21.61	22.50
		1	5	21.51	21.40	21.59	22.50
		3	0	21.41	21.63	21.64	22.50
		3	2	21.39	21.61	21.65	22.50
		3	3	21.50	21.69	21.55	22.50
		6	0	20.25	20.65	20.67	21.50
	16QAM	1	0	20.56	20.56	20.76	21.50
		1	2	20.79	20.88	20.81	21.50
		1	5	20.75	20.55	20.67	21.50
		3	0	20.42	20.60	20.81	21.50
		3	2	20.56	20.45	20.38	21.50
		3	3	20.48	20.64	20.40	21.50
		6	0	19.38	19.52	19.72	20.50
	64QAM	1	0	19.25	19.87	19.22	20.50
		1	2	19.62	19.59	19.61	20.50
		1	5	19.54	19.83	19.27	20.50
		3	0	19.42	19.65	19.51	20.50
		3	2	19.50	19.52	19.67	20.50
		3	3	19.46	19.68	19.68	20.50
		6	0	18.55	18.57	18.51	19.50
	256QAM	1	0	16.57	16.88	16.74	17.50
		1	2	16.69	16.88	16.78	17.50
		1	5	16.88	16.81	16.76	17.50
3		0	16.57	16.64	16.67	17.50	
3		2	16.71	16.68	16.75	17.50	



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Bandwidth	Modulation	RB size	RB offset	3	3	16.71	16.57	16.78	17.50
				6	0	16.58	16.73	16.64	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20415	20525	20635			
3MHz	QPSK	1	0	21.50	21.54	21.60	22.50		
		1	7	21.46	21.52	21.54	22.50		
		1	14	21.57	21.52	21.61	22.50		
		8	0	20.46	20.62	20.57	21.50		
		8	4	20.52	20.64	20.63	21.50		
		8	7	20.40	20.59	20.74	21.50		
		15	0	20.41	20.62	20.52	21.50		
	16QAM	1	0	20.59	20.52	20.73	21.50		
		1	7	20.71	20.80	20.77	21.50		
		1	14	20.75	20.65	20.69	21.50		
		8	0	19.38	19.60	19.74	20.50		
		8	4	19.52	19.50	19.57	20.50		
		8	7	19.53	19.55	19.51	20.50		
		15	0	19.30	19.60	19.61	20.50		
	64QAM	1	0	19.28	19.69	19.18	20.50		
		1	7	19.60	19.71	19.54	20.50		
		1	14	19.63	19.74	19.24	20.50		
		8	0	18.46	18.61	18.46	19.50		
		8	4	18.42	18.53	18.66	19.50		
		8	7	18.40	18.68	18.55	19.50		
		15	0	18.40	18.61	18.69	19.50		
	256QAM	1	0	16.56	16.73	16.66	17.50		
		1	7	16.74	16.81	16.78	17.50		
		1	14	16.81	16.81	16.82	17.50		
		8	0	16.66	16.57	16.75	17.50		
		8	4	16.74	16.56	16.68	17.50		
		8	7	16.76	16.69	16.59	17.50		
		15	0	16.53	16.70	16.77	17.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20425	20525	20625			
5MHz	QPSK	1	0	21.50	21.42	21.53	22.50		
		1	13	21.40	21.57	21.66	22.50		
		1	24	21.38	21.45	21.60	22.50		
		12	0	20.28	20.59	20.53	21.50		
		12	6	20.44	20.52	20.69	21.50		



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		12	13	20.44	20.69	20.57	21.50	
		25	0	20.29	20.60	20.68	21.50	
	16QAM	1	0	20.47	20.61	20.69	21.50	
		1	13	20.65	20.89	20.91	21.50	
		1	24	20.70	20.58	20.68	21.50	
		12	0	19.39	19.65	19.64	20.50	
		12	6	19.44	19.52	19.51	20.50	
		12	13	19.55	19.56	19.56	20.50	
		25	0	19.31	19.62	19.64	20.50	
	64QAM	1	0	19.35	19.81	19.35	20.50	
		1	13	19.49	19.58	19.55	20.50	
		1	24	19.59	19.73	19.28	20.50	
		12	0	18.44	18.58	18.45	19.50	
		12	6	18.31	18.58	18.70	19.50	
		12	13	18.55	18.64	18.65	19.50	
		25	0	18.43	18.52	18.60	19.50	
	256QAM	1	0	16.61	16.86	16.73	17.50	
		1	13	16.80	16.72	16.88	17.50	
		1	24	16.72	16.81	16.88	17.50	
		12	0	16.58	16.75	16.60	17.50	
		12	6	16.74	16.65	16.66	17.50	
		12	13	16.80	16.55	16.76	17.50	
		25	0	16.53	16.74	16.68	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20450	20525	20600	
10MHz	QPSK	1	0	21.51	21.48	21.54	22.50	
		1	25	21.44	21.53	21.60	22.50	
		1	49	21.47	21.49	21.69	22.50	
		25	0	20.38	20.57	20.60	21.50	
		25	13	20.48	20.59	20.60	21.50	
		25	25	20.43	20.61	20.64	21.50	
		50	0	20.34	20.60	20.62	21.50	
	16QAM	1	0	20.50	20.59	20.72	21.50	
		1	25	20.70	20.81	20.83	21.50	
		1	49	20.65	20.59	20.71	21.50	
		25	0	19.45	19.57	19.71	20.50	
		25	13	19.49	19.44	19.47	20.50	
		25	25	19.50	19.61	19.49	20.50	
		50	0	19.36	19.57	19.64	20.50	



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64QAM	1	0	19.29	19.78	19.28	20.50	
	1	25	19.56	19.65	19.56	20.50	
	1	49	19.56	19.81	19.33	20.50	
	25	0	18.42	18.56	18.48	19.50	
	25	13	18.40	18.51	18.61	19.50	
	25	25	18.49	18.61	18.62	19.50	
	50	0	18.46	18.58	18.61	19.50	
	256QAM	1	0	16.66	16.78	16.70	17.50
		1	25	16.74	16.79	16.83	17.50
		1	49	16.80	16.72	16.78	17.50
		25	0	16.64	16.65	16.68	17.50
		25	13	16.73	16.58	16.66	17.50
		25	25	16.71	16.62	16.69	17.50
		50	0	16.61	16.69	16.70	17.50

LTE Band 5 Eci7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	20.03	19.97	20.06	21.00	
		1	2	19.90	20.01	20.12	21.00	
		1	5	19.98	20.04	20.10	21.00	
		3	0	19.83	19.92	20.10	21.00	
		3	2	19.85	19.94	20.07	21.00	
		3	3	19.85	19.92	20.13	21.00	
		6	0	19.82	20.05	20.15	21.00	
	16QAM	1	0	20.10	20.19	20.21	21.00	
		1	2	20.24	20.12	19.75	21.00	
		1	5	20.04	20.21	20.46	21.00	
		3	0	19.87	19.98	20.01	21.00	
		3	2	19.79	20.12	20.21	21.00	
		3	3	19.85	20.04	20.15	21.00	
	64QAM	6	0	19.28	19.53	19.73	20.50	
		1	0	19.59	19.56	19.69	20.50	
		1	2	19.47	19.50	19.85	20.50	
		1	5	19.49	19.56	19.66	20.50	
		3	0	19.46	19.40	19.75	20.50	
			3	2	19.37	19.53	19.72	20.50



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	256QAM	3	3	19.46	19.46	19.75	20.50
		6	0	18.57	18.65	18.74	19.50
		1	0	16.57	16.69	16.70	17.50
		1	2	16.62	16.75	16.87	17.50
		1	5	16.57	16.74	16.81	17.50
		3	0	16.65	16.74	16.81	17.50
		3	2	16.65	16.75	16.87	17.50
		3	3	16.64	16.74	16.94	17.50
		6	0	16.28	16.68	16.80	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	20.01	20.02	20.11	21.00
		1	7	20.02	20.14	20.22	21.00
		1	14	19.96	20.18	20.18	21.00
		8	0	19.97	20.14	20.16	21.00
		8	4	19.97	20.18	20.22	21.00
		8	7	20.02	20.16	20.19	21.00
		15	0	20.08	20.06	20.12	21.00
	16QAM	1	0	19.89	20.17	19.94	21.00
		1	7	20.25	19.98	20.37	21.00
		1	14	20.22	20.34	20.37	21.00
		8	0	19.46	19.40	19.64	20.50
		8	4	19.49	19.64	19.66	20.50
		8	7	19.53	19.70	19.73	20.50
		15	0	19.47	19.60	19.66	20.50
	64QAM	1	0	19.43	19.60	19.55	20.50
		1	7	19.69	19.68	19.80	20.50
		1	14	19.70	19.69	19.86	20.50
		8	0	18.66	18.79	18.74	19.50
		8	4	18.65	18.78	18.83	19.50
		8	7	18.71	18.73	18.84	19.50
		15	0	18.67	18.83	18.78	19.50
	256QAM	1	0	16.62	16.81	16.82	17.50
		1	7	16.70	16.90	16.96	17.50
		1	14	16.78	16.90	16.93	17.50
		8	0	16.62	16.77	16.67	17.50
		8	4	16.60	16.79	16.75	17.50
		8	7	16.63	16.77	16.73	17.50
15		0	16.67	16.77	16.76	17.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	19.94	20.02	20.12	21.00
		1	13	19.98	20.12	20.25	21.00
		1	24	20.05	20.18	20.17	21.00
		12	0	19.96	20.14	20.10	21.00
		12	6	19.96	20.18	20.20	21.00
		12	13	19.96	20.17	20.13	21.00
		25	0	20.07	20.11	20.19	21.00
	16QAM	1	0	19.78	20.22	19.93	21.00
		1	13	20.17	19.96	20.34	21.00
		1	24	20.34	20.34	20.37	21.00
		12	0	19.43	19.46	19.58	20.50
		12	6	19.44	19.61	19.64	20.50
		12	13	19.46	19.70	19.71	20.50
		25	0	19.46	19.70	19.68	20.50
	64QAM	1	0	19.40	19.67	19.58	20.50
		1	13	19.67	19.63	19.71	20.50
		1	24	19.64	19.74	19.86	20.50
		12	0	18.67	18.74	18.76	19.50
		12	6	18.73	18.86	18.79	19.50
		12	13	18.71	18.80	18.82	19.50
		25	0	18.68	18.78	18.77	19.50
	256QAM	1	0	16.60	16.83	16.81	17.50
		1	13	16.71	16.93	16.88	17.50
		1	24	16.75	16.86	16.89	17.50
		12	0	16.66	16.75	16.69	17.50
		12	6	16.69	16.77	16.74	17.50
		12	13	16.68	16.79	16.68	17.50
		25	0	16.71	16.70	16.70	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.92	19.96	20.05	21.00
		1	25	20.00	20.08	20.19	21.00
		1	49	19.95	20.08	20.18	21.00
		25	0	19.94	20.08	20.07	21.00
		25	13	19.95	20.11	20.12	21.00
		25	25	19.98	20.09	20.15	21.00
		50	0	19.99	20.08	20.13	21.00
		20450	20525	20600			



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	16QAM	1	0	19.80	20.14	19.91	21.00
		1	25	20.16	19.97	20.35	21.00
		1	49	20.24	20.34	20.33	21.00
		25	0	19.41	19.38	19.60	20.50
		25	13	19.39	19.62	19.63	20.50
		25	25	19.48	19.60	19.64	20.50
		50	0	19.46	19.62	19.58	20.50
	64QAM	1	0	19.39	19.60	19.51	20.50
		1	25	19.63	19.63	19.70	20.50
		1	49	19.66	19.68	19.82	20.50
		25	0	18.65	18.73	18.73	19.50
		25	13	18.64	18.76	18.77	19.50
		25	25	18.69	18.75	18.76	19.50
		50	0	18.66	18.74	18.70	19.50
	256QAM	1	0	16.62	16.80	16.82	17.50
		1	25	16.62	16.87	16.88	17.50
		1	49	16.69	16.81	16.86	17.50
		25	0	16.63	16.72	16.69	17.50
		25	13	16.61	16.71	16.75	17.50
		25	25	16.65	16.70	16.70	17.50
		50	0	16.65	16.71	16.71	17.50

LTE Band 5 Eci2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	18.90	18.93	19.10	20.00
		1	2	18.72	18.90	19.07	20.00
		1	5	18.82	19.00	19.11	20.00
		3	0	18.83	19.04	19.07	20.00
		3	2	18.80	18.91	19.04	20.00
		3	3	18.72	18.94	19.09	20.00
		6	0	18.88	18.97	19.12	20.00
	16QAM	1	0	18.99	19.16	18.79	20.00
		1	2	18.63	19.12	19.07	20.00
		1	5	18.90	18.79	19.14	20.00
		3	0	18.91	19.23	19.23	20.00
		3	2	19.09	19.13	19.27	20.00
		3	3	18.88	19.14	19.23	20.00



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		6	0	18.89	19.08	19.21	20.00
	64QAM	1	0	18.91	19.11	19.14	20.00
		1	2	19.05	19.04	19.12	20.00
		1	5	18.92	19.07	19.25	20.00
		3	0	18.88	18.98	19.13	20.00
		3	2	18.89	18.94	19.18	20.00
		3	3	18.87	18.98	19.29	20.00
		6	0	18.60	18.64	18.81	19.50
	256QAM	1	0	16.67	16.69	16.84	17.50
		1	2	16.66	16.72	16.89	17.50
		1	5	16.62	16.69	16.89	17.50
		3	0	16.63	16.79	16.77	17.50
		3	2	16.66	16.73	16.86	17.50
		3	3	16.62	16.70	16.87	17.50
		6	0	16.54	16.48	16.78	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	19.08	19.02	18.98	20.00
		1	7	19.03	19.05	19.01	20.00
		1	14	19.10	19.16	19.18	20.00
		8	0	18.99	19.15	18.81	20.00
		8	4	19.03	19.12	18.88	20.00
		8	7	19.01	19.17	19.09	20.00
		15	0	19.09	19.10	18.76	20.00
	16QAM	1	0	19.13	18.94	19.24	20.00
		1	7	19.27	19.25	19.32	20.00
		1	14	19.25	19.21	19.19	20.00
		8	0	18.95	19.05	19.13	20.00
		8	4	18.92	19.19	19.16	20.00
		8	7	18.96	19.17	19.12	20.00
		15	0	18.97	19.14	19.10	20.00
	64QAM	1	0	18.91	19.10	19.20	20.00
		1	7	18.94	19.29	19.25	20.00
		1	14	19.13	19.15	19.34	20.00
		8	0	18.76	18.76	18.80	19.50
		8	4	18.67	18.73	18.81	19.50
		8	7	18.74	18.69	18.75	19.50
		15	0	18.68	18.74	18.77	19.50
	256QAM	1	0	16.71	16.82	16.88	17.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	7	16.66	16.83	16.89	17.50
		1	14	16.92	16.77	16.98	17.50
		8	0	16.62	16.79	16.70	17.50
		8	4	16.67	16.78	16.79	17.50
		8	7	16.69	16.73	16.69	17.50
		15	0	16.68	16.78	16.68	17.50
	16QAM	1	0	19.02	18.95	19.03	20.00
		1	13	18.99	19.09	19.01	20.00
		1	24	19.05	19.17	19.16	20.00
		12	0	18.93	19.11	18.80	20.00
		12	6	18.99	19.12	18.88	20.00
		12	13	19.00	19.18	19.08	20.00
	64QAM	1	0	19.06	19.10	18.85	20.00
		1	0	19.02	18.90	19.28	20.00
		1	13	19.27	19.18	19.31	20.00
		1	24	19.25	19.24	19.11	20.00
		12	0	19.01	19.06	19.11	20.00
		12	6	18.94	19.15	19.14	20.00
	256QAM	12	13	19.06	19.13	19.12	20.00
		25	0	19.07	19.06	19.12	20.00
		1	0	18.93	19.18	19.26	20.00
1		13	18.90	19.21	19.18	20.00	
1		24	19.23	19.18	19.38	20.00	
12		0	18.68	18.75	18.77	19.50	
10MHz	QPSK	12	6	18.66	18.71	18.77	19.50
		12	13	18.78	18.76	18.80	19.50
		25	0	18.69	18.75	18.83	19.50
		1	0	16.70	16.77	16.84	17.50
		1	13	16.64	16.84	16.96	17.50
		1	24	16.80	16.79	17.04	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.98	18.96	18.98	20.00



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16QAM	1	25	18.94	19.07	19.00	20.00	
	1	49	19.04	19.08	19.11	20.00	
	25	0	18.95	19.06	18.80	20.00	
	25	13	18.96	19.09	18.78	20.00	
	25	25	18.97	19.09	19.07	20.00	
	50	0	19.00	19.09	18.76	20.00	
	1	0	19.04	18.84	19.25	20.00	
	1	25	19.22	19.18	19.23	20.00	
	1	49	19.24	19.22	19.12	20.00	
	25	0	18.95	19.04	19.07	20.00	
	25	13	18.92	19.12	19.06	20.00	
	25	25	18.98	19.08	19.13	20.00	
	50	0	18.99	19.07	19.07	20.00	
	64QAM	1	0	18.88	19.10	19.17	20.00
		1	25	18.87	19.22	19.16	20.00
		1	49	19.14	19.16	19.31	20.00
		25	0	18.67	18.75	18.75	19.50
		25	13	18.62	18.72	18.75	19.50
25		25	18.71	18.71	18.76	19.50	
50		0	18.67	18.74	18.73	19.50	
256QAM	1	0	16.66	16.79	16.83	17.50	
	1	25	16.66	16.81	16.89	17.50	
	1	49	16.82	16.79	16.95	17.50	
	25	0	16.60	16.69	16.67	17.50	
	25	13	16.61	16.68	16.72	17.50	
	25	25	16.68	16.67	16.71	17.50	
	50	0	16.63	16.69	16.67	17.50	

LTE Band 7 Eci4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.95	20.83	21.04	22.00
		1	13	20.98	20.74	21.05	22.00
		1	24	20.57	20.47	20.86	22.00
		12	0	19.99	20.26	20.23	21.00
		12	6	20.01	20.25	20.12	21.00
		12	13	19.90	20.08	19.98	21.00
		25	0	19.89	20.22	20.16	21.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	16QAM	1	0	19.84	19.93	20.32	21.00	
		1	13	19.97	19.95	20.29	21.00	
		1	24	19.98	20.03	20.02	21.00	
		12	0	18.89	19.35	19.11	20.00	
		12	6	19.10	19.02	19.33	20.00	
		12	13	18.97	18.95	19.16	20.00	
		25	0	18.86	19.29	19.18	20.00	
	64QAM	1	0	19.17	19.39	18.63	20.00	
		1	13	19.07	19.11	19.30	20.00	
		1	24	19.28	18.66	19.12	20.00	
		12	0	17.97	18.19	18.04	19.00	
		12	6	18.01	18.28	17.92	19.00	
		12	13	18.04	18.28	17.92	19.00	
		25	0	17.93	18.35	18.02	19.00	
	256QAM	1	0	16.12	16.10	16.07	17.00	
		1	13	16.00	15.98	16.25	17.00	
		1	24	16.06	16.15	16.24	17.00	
		12	0	16.06	15.93	15.96	17.00	
		12	6	16.01	15.96	16.05	17.00	
		12	13	16.04	15.97	16.05	17.00	
		25	0	15.91	16.10	16.04	17.00	
	10MHz	QPSK	1	0	20.96	20.87	21.16	22.00
			1	25	20.96	20.72	21.18	22.00
			1	49	20.50	20.42	20.90	22.00
			25	0	19.82	20.27	20.18	21.00
			25	13	20.06	20.13	20.02	21.00
			25	25	19.98	20.15	19.98	21.00
			50	0	19.85	20.20	20.02	21.00
16QAM		1	0	19.92	19.84	20.24	21.00	
		1	25	19.98	19.95	20.41	21.00	
		1	49	20.05	19.94	19.99	21.00	
		25	0	18.92	19.41	19.14	20.00	
		25	13	19.14	18.96	19.29	20.00	
		25	25	18.91	18.98	19.09	20.00	
		50	0	18.88	19.19	19.15	20.00	
64QAM	1	0	19.11	19.45	18.63	20.00		
	1	25	19.18	19.21	19.27	20.00		



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		1	49	19.36	18.73	19.22	20.00		
		25	0	17.90	18.14	17.96	19.00		
		25	13	18.15	18.32	17.94	19.00		
		25	25	18.01	18.29	17.92	19.00		
		50	0	18.04	18.32	17.84	19.00		
		256QAM	1	0	16.04	15.96	15.92	17.00	
			1	25	16.15	15.93	16.10	17.00	
			1	49	16.18	16.07	16.12	17.00	
			25	0	16.06	15.87	15.95	17.00	
			25	13	15.93	15.83	15.93	17.00	
			25	25	15.95	16.00	16.08	17.00	
			50	0	15.93	16.07	16.12	17.00	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20825	21100	21375	
15MHz	QPSK	1	0	20.85	20.74	21.08	22.00		
		1	38	20.92	20.68	21.14	22.00		
		1	74	20.63	20.61	20.99	22.00		
		36	0	19.91	20.26	20.22	21.00		
		36	18	19.88	20.17	20.09	21.00		
		36	39	19.93	20.07	19.97	21.00		
		75	0	19.99	20.18	20.11	21.00		
	16QAM	1	0	19.88	19.82	20.20	21.00		
		1	38	20.03	19.98	20.35	21.00		
		1	74	20.00	19.89	20.05	21.00		
		36	0	19.06	19.24	19.23	20.00		
		36	18	18.98	19.00	19.18	20.00		
		36	39	18.95	18.98	19.20	20.00		
		75	0	19.02	19.22	19.12	20.00		
	64QAM	1	0	19.15	19.46	18.67	20.00		
		1	38	19.06	19.17	19.24	20.00		
		1	74	19.24	18.61	19.21	20.00		
		36	0	18.03	18.16	18.07	19.00		
		36	18	17.97	18.32	17.90	19.00		
		36	39	18.02	18.28	18.04	19.00		
		75	0	17.99	18.27	17.84	19.00		
	256QAM	1	0	16.16	16.13	16.03	17.00		
		1	38	16.00	15.97	16.09	17.00		
		1	74	16.12	16.08	16.24	17.00		
		36	0	16.03	15.86	15.91	17.00		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz		36	18	15.90	15.82	15.96	17.00	
		36	39	16.03	16.04	15.99	17.00	
		75	0	15.93	15.97	16.03	17.00	
	QPSK	1	0	20.96	20.81	21.12	22.00	
		1	50	20.95	20.76	21.08	22.00	
		1	99	20.57	20.52	20.95	22.00	
		50	0	20.00	20.23	20.27	21.00	
		50	25	19.96	20.20	20.08	21.00	
		50	50	19.95	20.15	20.02	21.00	
		100	0	19.93	20.19	20.07	21.00	
		16QAM	1	0	19.93	19.91	20.27	21.00
			1	50	20.06	19.95	20.31	21.00
			1	99	20.07	19.93	20.08	21.00
			50	0	18.98	19.34	19.20	20.00
			50	25	19.07	19.00	19.27	20.00
			50	50	18.98	18.98	19.13	20.00
			100	0	18.95	19.27	19.13	20.00
		64QAM	1	0	19.12	19.45	18.70	20.00
			1	50	19.12	19.16	19.22	20.00
			1	99	19.33	18.71	19.22	20.00
			50	0	17.98	18.24	18.02	19.00
			50	25	18.05	18.28	18.00	19.00
			50	50	18.06	18.25	17.97	19.00
			100	0	18.00	18.25	17.94	19.00
	256QAM	1	0	16.07	16.05	15.98	17.00	
		1	50	16.10	16.02	16.19	17.00	
		1	99	16.14	16.06	16.15	17.00	
		50	0	16.02	15.92	15.95	17.00	
		50	25	15.94	15.89	15.95	17.00	
		50	50	16.00	15.99	16.01	17.00	
100		0	15.98	16.00	16.07	17.00		



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LTE Band 7 Eci3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.15	15.96	16.14	17.00
		1	13	16.06	16.37	16.21	17.00
		1	24	16.05	16.16	16.16	17.00
		12	0	16.03	16.45	16.14	17.00
		12	6	16.09	16.50	16.18	17.00
		12	13	16.03	16.29	16.28	17.00
		25	0	16.02	16.49	16.17	17.00
	16QAM	1	0	16.38	16.85	16.69	17.00
		1	13	16.37	16.81	16.53	17.00
		1	24	16.48	16.63	16.34	17.00
		12	0	16.08	16.42	16.23	17.00
		12	6	16.08	16.43	16.31	17.00
		12	13	16.12	16.35	16.16	17.00
		25	0	16.01	16.35	16.20	17.00
	64QAM	1	0	16.28	16.47	15.96	17.00
		1	13	16.38	16.39	16.47	17.00
		1	24	16.34	16.41	16.37	17.00
		12	0	16.02	16.42	16.22	17.00
		12	6	16.27	16.35	16.30	17.00
		12	13	16.23	16.35	16.11	17.00
		25	0	16.10	16.29	16.16	17.00
	256QAM	1	0	16.14	16.50	16.22	17.00
		1	13	16.35	16.35	16.13	17.00
		1	24	16.42	16.21	16.37	17.00
12		0	15.99	16.37	16.27	17.00	
12		6	16.12	16.46	16.11	17.00	
12		13	16.26	16.18	16.20	17.00	
25		0	16.24	16.15	16.23	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			20800	21100	21400	
		1	0	16.06	15.98	16.11	17.00
		1	25	15.96	16.36	16.11	17.00
		1	49	16.19	16.31	16.11	17.00
		25	0	16.21	16.41	16.23	17.00
		25	13	16.07	16.53	16.25	17.00



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		25	25	15.93	16.33	16.15	17.00	
		50	0	15.98	16.33	16.15	17.00	
	16QAM	1	0	16.32	16.85	16.69	17.00	
		1	25	16.48	16.67	16.41	17.00	
		1	49	16.49	16.52	16.32	17.00	
		25	0	16.04	16.45	16.30	17.00	
		25	13	16.15	16.49	16.31	17.00	
		25	25	16.14	16.43	16.26	17.00	
		50	0	15.97	16.30	16.19	17.00	
		64QAM	1	0	16.29	16.49	16.10	17.00
	1		25	16.29	16.47	16.37	17.00	
	1		49	16.33	16.41	16.37	17.00	
	25		0	16.10	16.37	16.26	17.00	
	25		13	16.07	16.35	16.16	17.00	
	25		25	16.12	16.34	16.10	17.00	
	50		0	16.04	16.24	16.12	17.00	
	256QAM	1	0	16.26	16.38	16.30	17.00	
		1	25	16.37	16.48	16.27	17.00	
		1	49	16.25	16.14	16.30	17.00	
		25	0	16.15	16.34	16.21	17.00	
		25	13	16.17	16.31	16.17	17.00	
		25	25	16.19	16.18	16.11	17.00	
		50	0	16.19	16.18	16.15	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
	15MHz	QPSK	1	0	16.09	16.00	16.15	17.00
			1	38	15.99	16.30	16.25	17.00
			1	74	16.18	16.27	16.19	17.00
36			0	16.07	16.37	16.31	17.00	
36			18	16.00	16.50	16.35	17.00	
36			39	15.93	16.35	16.26	17.00	
75			0	16.00	16.36	16.15	17.00	
16QAM		1	0	16.47	16.74	16.66	17.00	
		1	38	16.33	16.64	16.56	17.00	
		1	74	16.46	16.61	16.31	17.00	
		36	0	16.11	16.49	16.30	17.00	
		36	18	16.19	16.45	16.15	17.00	
		36	39	16.12	16.37	16.21	17.00	
		75	0	16.13	16.35	16.23	17.00	



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	64QAM	1	0	16.38	16.67	15.96	17.00
		1	38	16.39	16.53	16.36	17.00
		1	74	16.26	16.35	16.21	17.00
		36	0	16.15	16.26	16.12	17.00
		36	18	16.13	16.35	16.29	17.00
		36	39	16.05	16.33	16.17	17.00
		75	0	16.06	16.24	16.22	17.00
	256QAM	1	0	16.13	16.48	16.21	17.00
		1	38	16.35	16.32	16.19	17.00
		1	74	16.38	16.11	16.29	17.00
		36	0	16.13	16.35	16.18	17.00
		36	18	16.19	16.30	16.30	17.00
		36	39	16.23	16.35	16.26	17.00
		75	0	16.36	16.22	16.19	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.15	16.01	16.16	17.00
		1	50	16.01	16.40	16.19	17.00
		1	99	16.11	16.22	16.21	17.00
		50	0	16.11	16.44	16.24	17.00
		50	25	16.06	16.42	16.27	17.00
		50	50	16.03	16.36	16.21	17.00
		100	0	16.06	16.42	16.24	17.00
	16QAM	1	0	16.37	16.75	16.61	17.00
		1	50	16.38	16.74	16.47	17.00
		1	99	16.43	16.54	16.41	17.00
		50	0	16.09	16.41	16.24	17.00
		50	25	16.12	16.43	16.25	17.00
		50	50	16.14	16.34	16.19	17.00
		100	0	16.07	16.38	16.18	17.00
	64QAM	1	0	16.30	16.57	16.05	17.00
		1	50	16.29	16.48	16.39	17.00
		1	99	16.30	16.45	16.31	17.00
		50	0	16.12	16.35	16.21	17.00
		50	25	16.17	16.37	16.22	17.00
		50	50	16.14	16.28	16.17	17.00
		100	0	16.06	16.33	16.20	17.00
	256QAM	1	0	16.18	16.45	16.30	17.00
		1	50	16.35	16.38	16.20	17.00



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		1	99	16.33	16.21	16.29	17.00
		50	0	16.06	16.40	16.23	17.00
		50	25	16.09	16.40	16.21	17.00
		50	50	16.29	16.26	16.19	17.00
		100	0	16.27	16.23	16.23	17.00

LTE Band 7 Eci2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.52	14.89	14.72	15.50
		1	13	14.55	15.03	14.58	15.50
		1	24	14.64	14.66	14.61	15.50
		12	0	14.63	15.02	14.73	15.50
		12	6	14.63	15.00	14.79	15.50
		12	13	14.55	14.79	14.69	15.50
		25	0	14.49	14.81	14.64	15.50
	16QAM	1	0	14.66	15.10	14.84	15.50
		1	13	14.65	14.91	15.01	15.50
		1	24	15.01	14.42	14.77	15.50
		12	0	14.53	14.90	14.63	15.50
		12	6	14.60	14.82	14.82	15.50
		12	13	14.58	14.89	14.68	15.50
		25	0	14.52	14.94	14.67	15.50
	64QAM	1	0	14.81	14.98	14.81	15.50
		1	13	14.60	15.14	14.82	15.50
		1	24	14.67	14.87	14.90	15.50
		12	0	14.48	15.02	14.66	15.50
		12	6	14.57	14.97	14.71	15.50
		12	13	14.73	14.71	14.64	15.50
		25	0	14.55	14.99	14.73	15.50
	256QAM	1	0	14.59	14.85	14.88	15.50
		1	13	14.74	15.08	14.81	15.50
		1	24	14.92	14.68	14.68	15.50
		12	0	14.55	14.91	14.68	15.50
		12	6	14.58	14.89	14.77	15.50
		12	13	14.64	14.87	14.63	15.50
		25	0	14.68	14.76	14.71	15.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	14.56	14.90	14.60	15.50
		1	25	14.70	15.01	14.73	15.50
		1	49	14.65	14.68	14.71	15.50
		25	0	14.64	14.98	14.74	15.50
		25	13	14.64	14.85	14.80	15.50
		25	25	14.74	14.95	14.59	15.50
		50	0	14.57	14.83	14.77	15.50
	16QAM	1	0	14.68	14.90	14.93	15.50
		1	25	14.63	15.04	14.89	15.50
		1	49	14.99	14.40	14.89	15.50
		25	0	14.43	14.88	14.59	15.50
		25	13	14.56	14.87	14.71	15.50
		25	25	14.62	14.85	14.68	15.50
		50	0	14.49	14.88	14.60	15.50
	64QAM	1	0	14.75	14.99	14.90	15.50
		1	25	14.63	15.02	14.74	15.50
		1	49	14.79	14.89	14.86	15.50
		25	0	14.65	14.92	14.75	15.50
		25	13	14.65	14.98	14.80	15.50
		25	25	14.60	14.69	14.68	15.50
		50	0	14.60	14.98	14.69	15.50
	256QAM	1	0	14.76	14.86	14.80	15.50
		1	25	14.73	14.97	14.71	15.50
		1	49	14.89	14.71	14.75	15.50
		25	0	14.63	14.84	14.77	15.50
		25	13	14.67	14.92	14.75	15.50
		25	25	14.50	14.87	14.72	15.50
		50	0	14.59	14.88	14.85	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	14.63	14.94	14.57	15.50
		1	38	14.68	14.91	14.72	15.50
		1	74	14.64	14.78	14.67	15.50
		36	0	14.61	14.86	14.70	15.50
		36	18	14.67	15.03	14.67	15.50
		36	39	14.70	14.94	14.78	15.50
		75	0	14.56	14.84	14.67	15.50
						20825	21100



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	16QAM	1	0	14.72	15.02	14.99	15.50
		1	38	14.66	14.94	14.99	15.50
		1	74	15.09	14.52	14.83	15.50
		36	0	14.60	14.84	14.74	15.50
		36	18	14.71	14.97	14.76	15.50
		36	39	14.55	14.85	14.68	15.50
		75	0	14.53	14.86	14.64	15.50
	64QAM	1	0	14.83	14.86	14.75	15.50
		1	38	14.64	15.10	14.79	15.50
		1	74	14.76	14.78	14.85	15.50
		36	0	14.67	14.98	14.65	15.50
		36	18	14.67	14.93	14.71	15.50
		36	39	14.61	14.79	14.65	15.50
		75	0	14.50	14.90	14.69	15.50
	256QAM	1	0	14.75	14.99	14.93	15.50
		1	38	14.62	15.07	14.63	15.50
		1	74	14.83	14.71	14.68	15.50
		36	0	14.49	14.86	14.62	15.50
		36	18	14.59	14.96	14.60	15.50
		36	39	14.53	14.93	14.58	15.50
		75	0	14.63	14.78	14.82	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	14.87	14.85	14.66	15.50
		1	50	14.61	14.82	14.67	15.50
		1	99	14.68	14.69	14.66	15.50
		50	0	14.62	14.94	14.75	15.50
		50	25	14.65	14.92	14.72	15.50
		50	50	14.65	14.86	14.69	15.50
		100	0	14.59	14.79	14.70	15.50
	16QAM	1	0	14.68	15.00	14.94	15.50
		1	50	14.57	15.01	14.93	15.50
		1	99	15.00	14.50	14.80	15.50
		50	0	14.53	14.91	14.64	15.50
		50	25	14.65	14.89	14.72	15.50
		50	50	14.65	14.84	14.68	15.50
		100	0	14.57	14.87	14.70	15.50
	64QAM	1	0	14.78	14.92	14.83	15.50
		1	50	14.62	15.06	14.82	15.50



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		1	99	14.76	14.83	14.80	15.50
		50	0	14.58	14.92	14.72	15.50
		50	25	14.64	14.91	14.72	15.50
		50	50	14.66	14.79	14.68	15.50
		100	0	14.58	14.89	14.72	15.50
	256QAM	1	0	14.66	14.93	14.84	15.50
		1	50	14.71	15.04	14.72	15.50
		1	99	14.82	14.77	14.72	15.50
		50	0	14.58	14.87	14.68	15.50
		50	25	14.57	14.90	14.69	15.50
		50	50	14.59	14.83	14.67	15.50
		100	0	14.64	14.85	14.81	15.50

LTE Band 7 Eci7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	12.10	12.33	12.09	13.00
		1	13	12.08	12.15	11.95	13.00
		1	24	12.14	11.97	12.07	13.00
		12	0	12.06	12.30	11.98	13.00
		12	6	12.16	12.23	12.02	13.00
		12	13	12.30	12.15	11.95	13.00
	16QAM	25	0	12.17	12.19	11.99	13.00
		1	0	12.30	12.46	12.19	13.00
		1	13	12.33	12.36	12.15	13.00
		1	24	12.37	12.07	12.09	13.00
		12	0	12.19	12.40	12.02	13.00
		12	6	12.15	12.20	11.97	13.00
	64QAM	12	13	12.26	12.10	11.96	13.00
		25	0	12.14	12.26	12.02	13.00
		1	0	12.13	12.47	12.08	13.00
		1	13	12.26	12.37	12.10	13.00
		1	24	12.30	12.03	12.01	13.00
		12	0	12.12	12.28	12.00	13.00
		12	6	12.16	12.29	11.97	13.00
		12	13	12.25	12.17	11.98	13.00
		25	0	12.23	12.22	11.92	13.00



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		1	0	12.17	12.42	12.13	13.00	
		1	13	12.27	12.43	12.14	13.00	
		1	24	12.33	12.03	12.18	13.00	
	256QAM	12	0	12.05	12.30	11.90	13.00	
		12	6	12.19	12.28	12.04	13.00	
		12	13	12.26	12.20	12.02	13.00	
		25	0	12.22	12.18	12.00	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	12.02	12.32	12.01	13.00	
		1	25	12.07	12.24	11.96	13.00	
		1	49	12.23	11.96	12.16	13.00	
		25	0	12.06	12.33	11.99	13.00	
		25	13	12.16	12.26	12.04	13.00	
		25	25	12.20	12.16	12.04	13.00	
		50	0	12.24	12.20	11.94	13.00	
	16QAM	1	0	12.25	12.49	12.17	13.00	
		1	25	12.39	12.41	12.16	13.00	
		1	49	12.40	12.13	12.14	13.00	
		25	0	12.20	12.31	12.04	13.00	
		25	13	12.20	12.27	12.05	13.00	
		25	25	12.27	12.10	12.04	13.00	
		50	0	12.24	12.25	11.98	13.00	
	64QAM	1	0	12.19	12.46	12.12	13.00	
		1	25	12.22	12.32	12.13	13.00	
		1	49	12.36	12.06	12.02	13.00	
		25	0	12.07	12.31	12.03	13.00	
		25	13	12.19	12.21	11.97	13.00	
		25	25	12.21	12.16	12.05	13.00	
		50	0	12.18	12.20	11.98	13.00	
	256QAM	1	0	12.19	12.49	12.09	13.00	
		1	25	12.29	12.43	12.05	13.00	
		1	49	12.27	12.01	12.12	13.00	
		25	0	12.05	12.31	11.90	13.00	
		25	13	12.15	12.21	12.02	13.00	
		25	25	12.22	12.18	12.03	13.00	
		50	0	12.17	12.27	12.00	13.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	



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15MHz	QPSK	1	0	12.09	12.30	12.08	13.00
		1	38	12.09	12.23	11.94	13.00
		1	74	12.23	11.96	12.09	13.00
		36	0	12.09	12.36	12.04	13.00
		36	18	12.12	12.25	12.00	13.00
		36	39	12.28	12.11	12.04	13.00
		75	0	12.16	12.26	12.00	13.00
	16QAM	1	0	12.24	12.50	12.18	13.00
		1	38	12.30	12.35	12.13	13.00
		1	74	12.35	12.07	12.17	13.00
		36	0	12.22	12.37	12.04	13.00
		36	18	12.15	12.25	11.98	13.00
		36	39	12.22	12.12	11.96	13.00
		75	0	12.14	12.30	12.02	13.00
	64QAM	1	0	12.18	12.46	12.09	13.00
		1	38	12.25	12.27	12.11	13.00
		1	74	12.38	12.01	12.04	13.00
		36	0	12.17	12.34	11.95	13.00
		36	18	12.25	12.27	12.00	13.00
		36	39	12.21	12.16	12.04	13.00
		75	0	12.23	12.22	11.98	13.00
	256QAM	1	0	12.26	12.39	12.11	13.00
		1	38	12.24	12.41	12.11	13.00
		1	74	12.31	12.05	12.15	13.00
36		0	12.13	12.30	11.95	13.00	
36		18	12.23	12.19	12.08	13.00	
36		39	12.18	12.11	11.98	13.00	
75		0	12.17	12.27	11.99	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	12.32	12.27	12.30	13.00
		1	50	12.09	12.20	11.92	13.00
		1	99	12.19	11.97	12.11	13.00
		50	0	12.26	12.31	12.02	13.00
		50	25	12.14	12.22	12.00	13.00
		50	50	12.25	12.15	12.00	13.00
		100	0	12.21	12.22	11.97	13.00
	16QAM	1	0	12.25	12.46	12.14	13.00
		1	50	12.34	12.39	12.12	13.00



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		1	99	12.35	12.12	12.14	13.00
		50	0	12.17	12.35	12.05	13.00
		50	25	12.19	12.25	12.00	13.00
		50	50	12.25	12.12	12.01	13.00
		100	0	12.19	12.25	11.98	13.00
	64QAM	1	0	12.14	12.43	12.12	13.00
		1	50	12.27	12.32	12.08	13.00
		1	99	12.34	12.05	12.05	13.00
		50	0	12.12	12.30	11.98	13.00
		50	25	12.20	12.24	12.01	13.00
		50	50	12.26	12.15	12.01	13.00
	256QAM	100	0	12.19	12.24	11.97	13.00
		1	0	12.21	12.44	12.10	13.00
		1	50	12.29	12.38	12.09	13.00
		1	99	12.32	12.02	12.14	13.00
		50	0	12.10	12.30	11.95	13.00
		50	25	12.19	12.24	12.03	13.00
		50	50	12.23	12.16	12.03	13.00
	100	0	12.18	12.22	12.00	13.00	

LTE Band 7 Eci6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.63	19.67	19.81	20.50
		1	13	19.37	19.89	19.69	20.50
		1	24	19.79	19.94	19.80	20.50
		12	0	19.66	19.99	19.71	20.50
		12	6	19.60	20.01	19.72	20.50
		12	13	19.71	19.92	19.78	20.50
	16QAM	25	0	19.65	19.98	19.85	20.50
		1	0	19.84	20.15	19.49	20.50
		1	13	19.78	20.06	19.81	20.50
		1	24	19.80	20.19	19.70	20.50
		12	0	19.15	19.47	19.32	20.00
		12	6	19.11	19.41	19.24	20.00
		12	13	19.08	19.38	19.09	20.00
		25	0	19.08	19.35	19.26	20.00



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	64QAM	1	0	18.95	19.51	19.33	20.00
		1	13	19.24	19.64	18.88	20.00
		1	24	19.20	19.40	19.22	20.00
		12	0	18.11	18.40	18.19	19.00
		12	6	18.15	18.37	18.32	19.00
		12	13	18.25	18.31	18.09	19.00
		25	0	18.01	18.37	18.18	19.00
	256QAM	1	0	16.34	16.46	16.39	17.00
		1	13	16.13	16.58	16.35	17.00
		1	24	16.36	16.25	16.32	17.00
		12	0	16.13	16.32	16.26	17.00
		12	6	16.18	16.21	16.27	17.00
		12	13	16.04	16.29	16.19	17.00
		25	0	15.91	16.10	16.04	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.60	19.77	19.68	20.50
		1	25	19.30	19.89	19.78	20.50
		1	49	19.69	19.81	19.70	20.50
		25	0	19.53	19.90	19.69	20.50
		25	13	19.69	20.03	19.84	20.50
		25	25	19.51	19.94	19.63	20.50
		50	0	19.60	20.02	19.87	20.50
	16QAM	1	0	19.74	20.21	19.42	20.50
		1	25	19.82	20.20	19.71	20.50
		1	49	19.94	20.17	19.78	20.50
		25	0	19.12	19.37	19.25	20.00
		25	13	19.25	19.35	19.29	20.00
		25	25	19.13	19.31	19.17	20.00
		50	0	19.19	19.38	19.26	20.00
	64QAM	1	0	18.90	19.66	19.41	20.00
		1	25	19.21	19.60	18.93	20.00
		1	49	19.15	19.39	19.40	20.00
		25	0	18.16	18.44	18.21	19.00
		25	13	18.17	18.29	18.33	19.00
		25	25	18.19	18.34	18.19	19.00
		50	0	18.17	18.34	18.21	19.00
	256QAM	1	0	16.16	16.52	16.39	17.00
		1	25	16.29	16.50	16.17	17.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	49	16.19	16.29	16.18	17.00	
		25	0	15.99	16.29	16.16	17.00	
		25	13	16.09	16.20	16.19	17.00	
		25	25	16.07	16.29	16.19	17.00	
		50	0	15.93	16.07	16.12	17.00	
	16QAM	1	0	19.60	19.86	19.78	20.50	
		1	38	19.37	19.89	19.65	20.50	
		1	74	19.72	19.86	19.75	20.50	
		36	0	19.68	20.06	19.72	20.50	
		36	18	19.67	19.92	19.75	20.50	
		36	39	19.54	20.05	19.81	20.50	
	64QAM	1	0	19.86	20.03	19.44	20.50	
		1	38	19.76	20.04	19.88	20.50	
		1	74	19.94	20.03	19.83	20.50	
		36	0	19.20	19.37	19.28	20.00	
		36	18	19.23	19.55	19.27	20.00	
		36	39	19.17	19.47	19.19	20.00	
	256QAM	1	0	18.79	19.47	19.28	20.00	
		1	38	19.23	19.75	18.86	20.00	
		1	74	19.25	19.45	19.28	20.00	
		36	0	18.14	18.44	18.13	19.00	
		36	18	18.06	18.36	18.20	19.00	
		36	39	18.12	18.36	18.13	19.00	
	20MHz	QPSK	1	0	16.30	16.54	16.39	17.00
			1	38	16.13	16.59	16.23	17.00
	20MHz	QPSK	1	74	16.23	16.18	16.31	17.00
			36	0	16.04	16.27	16.21	17.00
	20MHz	QPSK	36	18	16.18	16.12	16.28	17.00
36			39	16.08	16.40	16.21	17.00	
20MHz	QPSK	75	0	15.93	15.97	16.03	17.00	
		1	0	19.67	19.77	19.87	20.50	
20MHz	QPSK	1	50	19.28	19.86	19.69	20.50	



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		1	99	19.70	19.83	19.71	20.50
		50	0	19.62	19.99	19.78	20.50
		50	25	19.67	19.96	19.78	20.50
		50	50	19.61	19.95	19.73	20.50
		100	0	19.61	19.96	19.78	20.50
	16QAM	1	0	19.83	20.13	19.51	20.50
		1	50	19.80	20.12	19.81	20.50
		1	99	19.90	20.10	19.78	20.50
		50	0	19.13	19.40	19.23	20.00
		50	25	19.17	19.45	19.22	20.00
		50	50	19.18	19.41	19.19	20.00
	64QAM	100	0	19.09	19.39	19.21	20.00
		1	0	18.86	19.56	19.31	20.00
		1	50	19.26	19.69	18.90	20.00
		1	99	19.24	19.41	19.30	20.00
		50	0	18.13	18.36	18.23	19.00
		50	25	18.14	18.35	18.27	19.00
		50	50	18.15	18.28	18.19	19.00
	256QAM	100	0	18.07	18.37	18.23	19.00
		1	0	16.25	16.44	16.32	17.00
		1	50	16.19	16.54	16.25	17.00
1		99	16.28	16.28	16.26	17.00	
50		0	16.07	16.37	16.22	17.00	
50		25	16.12	16.18	16.20	17.00	
50		50	16.06	16.33	16.18	17.00	
100	0	16.03	16.31	16.16	17.00		

LTE FDD Band 12 Eci2/3/4/7/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	21.49	21.79	21.78	22.50
		1	2	21.84	21.71	21.58	22.50
		1	5	21.65	21.60	21.45	22.50
		3	0	21.63	21.43	21.53	22.50
		3	2	21.61	21.49	21.43	22.50
		3	3	21.55	21.50	21.48	22.50
		6	0	20.82	20.58	20.77	21.50
	16QAM	1	0	20.95	20.78	20.87	21.50



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		1	2	20.75	20.50	20.73	21.50	
		1	5	20.97	20.76	20.86	21.50	
		3	0	20.64	20.46	20.55	21.50	
		3	2	20.43	20.28	20.49	21.50	
		3	3	20.62	20.36	20.38	21.50	
		6	0	19.71	19.66	19.62	20.50	
	64QAM	1	0	19.75	19.79	19.88	20.50	
		1	2	20.05	19.70	19.94	20.50	
		1	5	19.74	19.60	19.65	20.50	
		3	0	19.63	19.50	19.50	20.50	
		3	2	19.49	19.44	19.49	20.50	
		3	3	19.58	19.18	19.49	20.50	
		6	0	18.83	18.73	18.64	19.50	
	256QAM	1	0	17.04	16.83	16.85	17.50	
		1	2	16.78	16.65	16.74	17.50	
		1	5	16.77	16.70	16.60	17.50	
		3	0	16.85	16.78	16.59	17.50	
		3	2	16.73	16.67	16.56	17.50	
		3	3	16.67	16.96	16.59	17.50	
		6	0	16.72	16.59	16.53	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23025	23095	23165		
3MHz	QPSK	1	0	21.44	21.71	21.88	22.50	
		1	7	21.80	21.69	21.49	22.50	
		1	14	21.79	21.55	21.59	22.50	
		8	0	20.90	20.73	20.77	21.50	
		8	4	20.74	20.58	20.62	21.50	
		8	7	20.66	20.68	20.75	21.50	
		15	0	20.75	20.62	20.70	21.50	
		16QAM	1	0	21.10	20.72	20.96	21.50
			1	7	20.76	20.52	20.89	21.50
			1	14	21.02	20.66	20.78	21.50
			8	0	19.88	19.59	19.74	20.50
			8	4	19.65	19.60	19.55	20.50
			8	7	19.67	19.64	19.60	20.50
			15	0	19.85	19.77	19.71	20.50
		64QAM	1	0	19.79	19.81	20.00	20.50
			1	7	20.03	19.81	19.99	20.50
			1	14	19.80	19.66	19.67	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23035	23095	23155		
5MHz	256QAM	8	0	18.81	18.74	18.69	19.50	
		8	4	18.80	18.55	18.61	19.50	
		8	7	18.68	18.54	18.69	19.50	
		15	0	18.81	18.66	18.63	19.50	
		1	0	16.99	16.69	16.88	17.50	
		1	7	16.96	16.75	16.70	17.50	
		1	14	16.71	16.70	16.56	17.50	
		8	0	16.73	16.71	16.73	17.50	
	8	4	16.65	16.56	16.62	17.50		
	8	7	16.72	16.92	16.55	17.50		
	15	0	16.68	16.61	16.52	17.50		
	5MHz	QPSK	1	0	21.55	21.70	21.85	22.50
			1	13	21.75	21.58	21.44	22.50
			1	24	21.62	21.63	21.55	22.50
			12	0	20.78	20.70	20.64	21.50
			12	6	20.80	20.69	20.72	21.50
			12	13	20.76	20.65	20.73	21.50
			25	0	20.75	20.76	20.73	21.50
			1	0	21.01	20.76	20.92	21.50
		16QAM	1	13	20.83	20.49	20.83	21.50
			1	24	21.09	20.61	20.95	21.50
			12	0	19.73	19.67	19.63	20.50
			12	6	19.59	19.57	19.70	20.50
			12	13	19.69	19.69	19.49	20.50
			25	0	19.88	19.71	19.72	20.50
			1	0	19.71	19.77	20.00	20.50
			1	13	20.02	19.74	19.88	20.50
		64QAM	1	24	19.84	19.72	19.77	20.50
12			0	18.82	18.70	18.64	19.50	
12			6	18.68	18.69	18.50	19.50	
12			13	18.69	18.45	18.63	19.50	
25			0	18.83	18.73	18.56	19.50	
1			0	16.97	16.65	16.73	17.50	
1			13	16.83	16.77	16.70	17.50	
1			24	16.78	16.68	16.67	17.50	
256QAM		12	0	16.78	16.73	16.74	17.50	
		12	6	16.79	16.58	16.71	17.50	



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Bandwidth	Modulation	12	13	16.77	16.77	16.47	17.50
		25	0	16.67	16.75	16.43	17.50
		RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	21.52	21.72	21.84	22.50
		1	25	21.79	21.63	21.53	22.50
		1	49	21.71	21.55	21.54	22.50
		25	0	20.81	20.71	20.68	21.50
		25	13	20.75	20.66	20.62	21.50
		25	25	20.74	20.62	20.65	21.50
		50	0	20.78	20.68	20.71	21.50
	16QAM	1	0	21.03	20.80	20.91	21.50
		1	25	20.83	20.50	20.79	21.50
		1	49	21.01	20.66	20.86	21.50
		25	0	19.83	19.69	19.65	20.50
		25	13	19.63	19.54	19.64	20.50
		25	25	19.75	19.61	19.50	20.50
		50	0	19.78	19.70	19.67	20.50
	64QAM	1	0	19.72	19.87	19.95	20.50
		1	25	19.97	19.78	19.91	20.50
		1	49	19.77	19.66	19.72	20.50
		25	0	18.78	18.71	18.69	19.50
		25	13	18.75	18.65	18.60	19.50
		25	25	18.74	18.45	18.61	19.50
		50	0	18.77	18.68	18.63	19.50
	256QAM	1	0	16.97	16.74	16.82	17.50
		1	25	16.86	16.71	16.75	17.50
		1	49	16.73	16.70	16.62	17.50
		25	0	16.78	16.75	16.67	17.50
		25	13	16.73	16.66	16.64	17.50
		25	25	16.71	16.86	16.55	17.50
		50	0	16.75	16.66	16.53	17.50



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LTE FDD Band 13 Eci2/3/4/7/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.60	22.62	22.92	23.50
		1	13	22.83	22.56	22.46	23.50
		1	24	22.73	22.46	22.47	23.50
		12	0	21.71	21.70	21.67	22.50
		12	6	21.84	21.73	21.71	22.50
		12	13	21.77	21.53	21.67	22.50
		25	0	21.82	21.61	21.69	22.50
	16QAM	1	0	22.04	21.73	22.00	22.50
		1	13	21.84	21.49	21.83	22.50
		1	24	21.98	21.65	21.85	22.50
		12	0	20.79	20.67	20.66	21.50
		12	6	20.58	20.46	20.69	21.50
		12	13	20.84	20.56	20.50	21.50
		25	0	20.77	20.62	20.61	21.50
	64QAM	1	0	20.79	20.80	21.00	21.50
		1	13	20.97	20.84	20.98	21.50
		1	24	20.68	20.65	20.63	21.50
		12	0	19.84	19.61	19.77	20.50
		12	6	19.80	19.60	19.63	20.50
		12	13	19.84	19.46	19.55	20.50
		25	0	19.67	19.78	19.53	20.50
	256QAM	1	0	17.95	17.71	17.81	18.50
		1	13	17.85	17.77	17.85	18.50
		1	24	17.74	17.69	17.58	18.50
		12	0	17.84	17.77	17.59	18.50
		12	6	17.68	17.58	17.65	18.50
		12	13	17.77	17.91	17.61	18.50
		25	0	17.66	17.69	17.56	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23230	/	23.50
		1	25	/	22.47	/	23.50
		1	49	/	22.55	/	23.50
		25	0	/	21.78	/	22.50
		25	13	/	21.67	/	22.50



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	16QAM	25	25	/	21.45	/	22.50
		50	0	/	21.65	/	22.50
		1	0	/	21.66	/	22.50
		1	25	/	21.53	/	22.50
		1	49	/	21.64	/	22.50
		25	0	/	20.66	/	21.50
		25	13	/	20.52	/	21.50
		25	25	/	20.65	/	21.50
		50	0	/	20.57	/	21.50
	64QAM	1	0	/	20.70	/	21.50
		1	25	/	20.92	/	21.50
		1	49	/	20.61	/	21.50
		25	0	/	19.53	/	20.50
		25	13	/	19.63	/	20.50
		25	25	/	19.47	/	20.50
		50	0	/	19.82	/	20.50
	256QAM	1	0	/	17.76	/	18.50
		1	25	/	17.83	/	18.50
		1	49	/	17.74	/	18.50
		25	0	/	17.82	/	18.50
		25	13	/	17.51	/	18.50
		25	25	/	17.93	/	18.50
		50	0	/	17.79	/	18.50

LTE FDD Band 17 Eci2/3/4/7/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	21.46	21.50	21.52	22.50
		1	13	21.49	21.56	21.58	22.50
		1	24	21.47	21.43	21.23	22.50
		12	0	20.73	20.59	20.59	21.50
		12	6	20.61	20.46	20.58	21.50
		12	13	20.67	20.62	20.44	21.50
		25	0	20.55	20.64	20.56	21.50
	16QAM	1	0	20.78	20.91	20.99	21.50
		1	13	20.90	20.73	20.79	21.50
		1	24	20.78	20.81	20.65	21.50



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		12	0	19.63	19.63	19.67	20.50	
		12	6	19.69	19.45	19.61	20.50	
		12	13	19.51	19.55	19.42	20.50	
		25	0	19.71	19.75	19.51	20.50	
	64QAM	1	0	19.13	19.61	19.90	20.50	
		1	13	19.80	19.70	19.90	20.50	
		1	24	19.55	19.52	19.50	20.50	
		12	0	18.62	18.67	18.69	19.50	
		12	6	18.67	18.64	18.55	19.50	
		12	13	18.54	18.51	18.57	19.50	
		25	0	18.61	18.66	18.49	19.50	
	256QAM	1	0	16.77	16.85	16.85	17.50	
		1	13	16.87	16.56	16.79	17.50	
		1	24	16.74	16.66	16.04	17.50	
		12	0	16.74	16.63	16.38	17.50	
		12	6	16.65	16.63	16.60	17.50	
		12	13	16.63	16.68	16.44	17.50	
		25	0	16.70	16.72	16.61	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23780	23790	23800	
	10MHz	QPSK	1	0	21.49	21.60	21.53	22.50
			1	25	21.58	21.55	21.54	22.50
			1	49	21.53	21.52	21.29	22.50
			25	0	20.64	20.58	20.56	21.50
			25	13	20.56	20.56	20.52	21.50
			25	25	20.61	20.53	20.50	21.50
			50	0	20.57	20.56	20.54	21.50
		16QAM	1	0	20.81	20.94	20.95	21.50
1			25	20.83	20.77	20.79	21.50	
1			49	20.88	20.79	20.63	21.50	
25			0	19.73	19.53	19.60	20.50	
25			13	19.59	19.55	19.58	20.50	
25			25	19.52	19.63	19.52	20.50	
50			0	19.66	19.67	19.56	20.50	
64QAM		1	0	19.23	19.64	19.81	20.50	
		1	25	19.80	19.70	19.87	20.50	
		1	49	19.63	19.46	19.58	20.50	
		25	0	18.63	18.68	18.65	19.50	
		25	13	18.63	18.66	18.64	19.50	



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256QAM	25	25	18.63	18.60	18.58	19.50
	50	0	18.65	18.65	18.59	19.50
	1	0	16.79	16.90	16.81	17.50
	1	25	16.77	16.62	16.79	17.50
	1	49	16.72	16.58	16.00	17.50
	25	0	16.67	16.65	16.40	17.50
	25	13	16.65	16.62	16.62	17.50
	25	25	16.62	16.59	16.50	17.50
	50	0	16.65	16.64	16.62	17.50

LTE Band 26 Eci3/4/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	21.67	21.74	21.58	22.50
		1	2	21.50	21.52	21.57	22.50
		1	5	21.75	21.51	21.40	22.50
		3	0	21.50	21.58	21.65	22.50
		3	2	21.61	21.63	21.59	22.50
		3	3	21.48	21.58	21.58	22.50
		6	0	20.61	20.56	20.53	21.50
	16QAM	1	0	20.86	20.49	20.75	21.50
		1	2	20.65	20.76	20.80	21.50
		1	5	20.87	20.74	20.79	21.50
		3	0	20.52	20.66	20.66	21.50
		3	2	20.63	20.34	20.43	21.50
		3	3	20.55	20.28	20.48	21.50
		6	0	19.45	19.72	19.67	20.50
	64QAM	1	0	19.35	19.65	19.27	20.50
		1	2	19.23	19.85	19.48	20.50
		1	5	18.99	19.43	19.62	20.50
		3	0	19.62	19.64	19.73	20.50
		3	2	19.56	19.67	19.61	20.50
		3	3	19.53	19.58	19.58	20.50
		6	0	18.56	18.60	18.69	19.50
	256QAM	1	0	16.76	16.71	16.98	17.50
		1	2	16.87	16.81	16.75	17.50
		1	5	16.72	16.94	16.81	17.50
		3	0	16.62	16.62	16.71	17.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz		3	2	16.76	16.68	16.68	17.50
		3	3	16.58	16.74	16.36	17.50
		6	0	16.76	16.73	16.73	17.50
	QPSK	1	0	21.68	21.75	21.56	22.50
		1	7	21.66	21.69	21.47	22.50
		1	14	21.70	21.61	21.40	22.50
		8	0	20.59	20.46	20.54	21.50
		8	4	20.63	20.54	20.58	21.50
		8	7	20.61	20.54	20.41	21.50
		15	0	20.55	20.74	20.59	21.50
	16QAM	1	0	20.81	20.62	20.69	21.50
		1	7	20.69	20.68	20.85	21.50
		1	14	20.92	20.84	20.80	21.50
		8	0	19.50	19.71	19.79	20.50
		8	4	19.53	19.47	19.57	20.50
		8	7	19.64	19.23	19.47	20.50
		15	0	19.51	19.65	19.68	20.50
	64QAM	1	0	19.30	19.74	19.35	20.50
		1	7	19.16	19.75	19.56	20.50
		1	14	19.10	19.49	19.59	20.50
		8	0	18.57	18.57	18.64	19.50
		8	4	18.62	18.71	18.72	19.50
		8	7	18.69	18.56	18.60	19.50
		15	0	18.58	18.59	18.60	19.50
	256QAM	1	0	16.86	16.75	16.93	17.50
		1	7	16.81	16.82	16.89	17.50
		1	14	16.80	16.80	16.74	17.50
		8	0	16.57	16.66	16.68	17.50
		8	4	16.59	16.79	16.50	17.50
		8	7	16.62	16.72	16.38	17.50
15		0	16.60	16.74	16.78	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	21.49	21.76	21.39	22.50
		1	13	21.58	21.67	21.53	22.50
		1	24	21.72	21.43	21.55	22.50
		12	0	20.59	20.39	20.59	21.50



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		12	6	20.50	20.48	20.60	21.50	
		12	13	20.62	20.59	20.60	21.50	
		25	0	20.45	20.67	20.67	21.50	
	16QAM	1	0	20.70	20.51	20.69	21.50	
		1	13	20.69	20.82	20.67	21.50	
		1	24	20.91	20.84	20.74	21.50	
		12	0	19.44	19.63	19.64	20.50	
		12	6	19.48	19.45	19.49	20.50	
		12	13	19.53	19.24	19.49	20.50	
		25	0	19.52	19.79	19.52	20.50	
	64QAM	1	0	19.28	19.76	19.27	20.50	
		1	13	19.25	19.78	19.51	20.50	
		1	24	19.03	19.38	19.55	20.50	
		12	0	18.51	18.63	18.72	19.50	
		12	6	18.56	18.71	18.58	19.50	
		12	13	18.60	18.68	18.56	19.50	
		25	0	18.45	18.55	18.78	19.50	
	256QAM	1	0	16.77	16.89	16.89	17.50	
		1	13	16.73	16.87	16.91	17.50	
		1	24	16.71	16.87	16.80	17.50	
		12	0	16.64	16.70	16.75	17.50	
		12	6	16.73	16.78	16.61	17.50	
		12	13	16.74	16.76	16.40	17.50	
		25	0	16.68	16.63	16.85	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26740	26865	26990	
	10MHz	QPSK	1	0	21.51	21.63	21.52	22.50
			1	25	21.64	21.62	21.59	22.50
1			49	21.64	21.53	21.43	22.50	
25			0	20.60	20.49	20.52	21.50	
25			13	20.60	20.67	20.59	21.50	
25			25	20.62	20.52	20.43	21.50	
50			0	20.49	20.55	20.66	21.50	
16QAM		1	0	20.70	20.67	20.80	21.50	
		1	25	20.75	20.76	20.71	21.50	
		1	49	20.78	20.78	20.91	21.50	
		25	0	19.48	19.66	19.66	20.50	
		25	13	19.52	19.33	19.54	20.50	
		25	25	19.62	19.30	19.57	20.50	



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		50	0	19.45	19.63	19.55	20.50
	64QAM	1	0	19.29	19.64	19.23	20.50
		1	25	19.17	19.81	19.62	20.50
		1	49	19.01	19.45	19.49	20.50
		25	0	18.59	18.61	18.62	19.50
		25	13	18.52	18.53	18.54	19.50
		25	25	18.59	18.65	18.59	19.50
		50	0	18.65	18.69	18.71	19.50
		256QAM	1	0	16.87	16.82	16.88
	1		25	16.74	16.83	16.75	17.50
	1		49	16.69	16.85	16.74	17.50
	25		0	16.64	16.74	16.75	17.50
	25		13	16.74	16.64	16.52	17.50
	25		25	16.62	16.70	16.45	17.50
	50		0	16.59	16.82	16.68	17.50
Bandwidth	Modulation		RB size	RB offset	Channel	Channel	Channel
		26765			26865	26965	
15MHz	QPSK	1	0	21.59	21.67	21.49	22.50
		1	38	21.57	21.61	21.52	22.50
		1	74	21.65	21.53	21.48	22.50
		36	0	20.53	20.49	20.58	21.50
		36	18	20.56	20.57	20.56	21.50
		36	39	20.58	20.62	20.51	21.50
		75	0	20.55	20.65	20.58	21.50
		16QAM	1	0	20.79	20.59	20.78
	1		38	20.70	20.73	20.76	21.50
	1		74	20.86	20.78	20.82	21.50
	36		0	19.51	19.62	19.69	20.50
	36		18	19.55	19.37	19.53	20.50
	36		39	19.56	19.32	19.57	20.50
	75		0	19.55	19.71	19.61	20.50
	64QAM		1	0	19.34	19.74	19.30
		1	38	19.23	19.80	19.56	20.50
		1	74	19.05	19.40	19.55	20.50
		36	0	18.59	18.62	18.67	19.50
		36	18	18.52	18.61	18.64	19.50
		36	39	18.60	18.66	18.64	19.50
		75	0	18.55	18.64	18.69	19.50
		256QAM	1	0	16.81	16.80	16.88



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	1	38	16.80	16.82	16.81	17.50
	1	74	16.79	16.85	16.78	17.50
	36	0	16.65	16.70	16.74	17.50
	36	18	16.66	16.71	16.60	17.50
	36	39	16.65	16.66	16.44	17.50
	75	0	16.69	16.72	16.75	17.50

LTE Band 26 Eci7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	19.95	19.99	19.93	21.00
		1	2	19.93	20.03	19.91	21.00
		1	5	19.86	19.96	19.89	21.00
		3	0	19.96	20.01	20.01	21.00
		3	2	19.85	19.86	19.84	21.00
		3	3	19.94	20.00	19.95	21.00
		6	0	19.95	20.05	19.90	21.00
	16QAM	1	0	20.06	20.14	20.05	21.00
		1	2	20.08	20.17	20.05	21.00
		1	5	20.13	20.08	19.80	21.00
		3	0	19.90	20.01	20.00	21.00
		3	2	19.82	19.92	20.14	21.00
		3	3	19.88	19.94	19.91	21.00
		6	0	19.57	19.56	19.62	20.50
	64QAM	1	0	19.52	19.64	19.67	20.50
		1	2	19.49	19.59	19.59	20.50
		1	5	19.49	19.76	19.82	20.50
		3	0	19.41	19.58	19.64	20.50
		3	2	19.42	19.56	19.61	20.50
		3	3	19.53	19.55	19.58	20.50
		6	0	18.60	18.75	18.74	19.50
	256QAM	1	0	16.51	16.73	16.73	17.50
		1	2	16.74	16.70	16.71	17.50
		1	5	16.61	16.83	16.75	17.50
		3	0	16.67	16.77	16.72	17.50
		3	2	16.65	16.73	16.75	17.50
		3	3	16.72	16.78	16.73	17.50
		6	0	16.49	16.70	16.67	17.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	19.86	20.13	20.24	21.00
		1	7	20.00	20.25	20.07	21.00
		1	14	19.99	20.27	20.07	21.00
		8	0	19.97	20.09	20.16	21.00
		8	4	19.98	20.12	20.14	21.00
		8	7	20.05	20.09	20.11	21.00
		15	0	19.97	20.14	20.11	21.00
	16QAM	1	0	20.24	20.07	20.19	21.00
		1	7	19.84	20.01	20.19	21.00
		1	14	20.10	20.28	20.19	21.00
		8	0	19.50	19.34	19.54	20.50
		8	4	19.35	19.41	19.62	20.50
		8	7	19.49	19.54	19.60	20.50
		15	0	19.50	19.61	19.53	20.50
	64QAM	1	0	19.61	19.22	19.54	20.50
		1	7	19.39	19.56	19.67	20.50
		1	14	19.17	19.73	19.56	20.50
		8	0	18.76	18.70	18.77	19.50
		8	4	18.66	18.67	18.80	19.50
		8	7	18.75	18.72	18.77	19.50
		15	0	18.74	18.78	18.71	19.50
	256QAM	1	0	16.75	16.79	16.86	17.50
		1	7	16.74	16.88	16.77	17.50
		1	14	16.79	16.95	16.54	17.50
		8	0	16.63	16.66	16.75	17.50
		8	4	16.67	16.71	16.68	17.50
		8	7	16.66	16.78	16.79	17.50
		15	0	16.75	16.80	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	19.93	20.18	20.14	21.00
		1	13	19.92	20.25	20.11	21.00
		1	24	20.05	20.33	20.06	21.00
		12	0	19.94	20.11	20.12	21.00
		12	6	20.01	20.10	20.19	21.00
		12	13	20.11	20.08	20.09	21.00
		25	0	20.07	20.14	20.15	21.00
		26715	26865	27015			



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	16QAM	1	0	20.16	20.08	20.23	21.00
		1	13	19.83	20.02	20.22	21.00
		1	24	20.19	20.29	20.26	21.00
		12	0	19.41	19.35	19.54	20.50
		12	6	19.41	19.52	19.56	20.50
		12	13	19.53	19.44	19.56	20.50
		25	0	19.42	19.66	19.52	20.50
	64QAM	1	0	19.59	19.12	19.52	20.50
		1	13	19.48	19.46	19.69	20.50
		1	24	19.20	19.72	19.51	20.50
		12	0	18.76	18.65	18.71	19.50
		12	6	18.69	18.67	18.71	19.50
		12	13	18.66	18.74	18.71	19.50
		25	0	18.65	18.71	18.73	19.50
	256QAM	1	0	16.82	16.77	16.90	17.50
		1	13	16.77	16.79	16.73	17.50
		1	24	16.71	16.98	16.53	17.50
		12	0	16.72	16.68	16.72	17.50
		12	6	16.63	16.80	16.67	17.50
		12	13	16.60	16.75	16.70	17.50
		25	0	16.75	16.70	16.76	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	19.88	20.11	20.23	21.00
		1	25	19.92	20.20	20.18	21.00
		1	49	20.01	20.26	20.03	21.00
		25	0	20.02	20.07	20.09	21.00
		25	13	19.99	20.07	20.19	21.00
		25	25	20.12	20.07	20.11	21.00
		50	0	19.97	20.16	20.11	21.00
	16QAM	1	0	20.25	20.08	20.16	21.00
		1	25	19.88	20.06	20.22	21.00
		1	49	20.19	20.24	20.22	21.00
		25	0	19.45	19.40	19.59	20.50
		25	13	19.44	19.52	19.61	20.50
		25	25	19.55	19.52	19.53	20.50
		50	0	19.48	19.59	19.48	20.50
	64QAM	1	0	19.49	19.19	19.54	20.50
1		25	19.43	19.44	19.61	20.50	



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		1	49	19.19	19.75	19.55	20.50		
		25	0	18.74	18.68	18.77	19.50		
		25	13	18.64	18.67	18.70	19.50		
		25	25	18.74	18.79	18.67	19.50		
		50	0	18.65	18.82	18.71	19.50		
		256QAM	1	0	16.82	16.82	16.93	17.50	
			1	25	16.70	16.82	16.79	17.50	
			1	49	16.81	16.99	16.60	17.50	
			25	0	16.63	16.73	16.79	17.50	
			25	13	16.73	16.76	16.77	17.50	
			25	25	16.63	16.79	16.78	17.50	
			50	0	16.70	16.70	16.82	17.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						26765	26865	26965	
15MHz	QPSK	1	0	19.88	20.26	20.14	21.00		
		1	38	19.91	20.21	20.09	21.00		
		1	74	19.99	20.23	20.01	21.00		
		36	0	19.95	20.07	20.11	21.00		
		36	18	19.96	20.05	20.09	21.00		
		36	39	20.02	20.13	20.06	21.00		
		75	0	19.97	20.07	20.08	21.00		
	16QAM	1	0	20.15	19.98	20.17	21.00		
		1	38	19.80	20.01	20.19	21.00		
		1	74	20.12	20.26	20.20	21.00		
		36	0	19.43	19.35	19.55	20.50		
		36	18	19.34	19.42	19.55	20.50		
		36	39	19.45	19.46	19.53	20.50		
		75	0	19.44	19.57	19.46	20.50		
	64QAM	1	0	19.51	19.13	19.48	20.50		
		1	38	19.39	19.46	19.61	20.50		
		1	74	19.10	19.70	19.53	20.50		
		36	0	18.67	18.66	18.72	19.50		
		36	18	18.66	18.69	18.72	19.50		
		36	39	18.65	18.70	18.69	19.50		
		75	0	18.66	18.72	18.73	19.50		
	256QAM	1	0	16.72	16.76	16.83	17.50		
		1	38	16.68	16.81	16.74	17.50		
		1	74	16.73	16.91	16.54	17.50		
		36	0	16.64	16.65	16.73	17.50		



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		36	18	16.64	16.70	16.68	17.50
		36	39	16.57	16.70	16.69	17.50
		75	0	16.66	16.72	16.73	17.50

LTE Band 26 Eci2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	18.87	18.93	18.89	20.00
		1	2	18.85	18.93	18.98	20.00
		1	5	18.82	18.92	18.83	20.00
		3	0	18.85	19.01	18.98	20.00
		3	2	18.82	18.89	18.97	20.00
		3	3	18.82	18.99	18.92	20.00
	16QAM	6	0	18.90	19.02	18.99	20.00
		1	0	18.98	19.13	18.73	20.00
		1	2	19.04	19.39	19.05	20.00
		1	5	19.14	19.09	18.78	20.00
		3	0	19.04	19.21	18.93	20.00
		3	2	18.90	19.09	19.00	20.00
	64QAM	3	3	19.00	19.14	18.87	20.00
		6	0	18.97	18.98	18.92	20.00
		1	0	18.99	19.18	18.68	20.00
		1	2	19.00	19.15	19.04	20.00
		1	5	19.02	19.09	18.83	20.00
		3	0	18.93	18.93	19.03	20.00
	256QAM	3	2	18.85	18.92	18.96	20.00
		3	3	18.93	18.99	18.94	20.00
		6	0	18.60	18.66	18.61	19.50
		1	0	16.64	16.83	16.60	17.50
		1	2	16.66	16.77	16.71	17.50
		1	5	16.74	16.82	16.82	17.50
				Channel	Channel	Channel	Tune up
				26705	26865	27025	



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3MHz	QPSK	1	0	19.01	18.97	19.06	20.00
		1	7	18.96	19.09	19.11	20.00
		1	14	19.00	19.11	19.05	20.00
		8	0	18.98	19.03	19.16	20.00
		8	4	19.00	19.02	18.94	20.00
		8	7	18.93	19.00	19.15	20.00
		15	0	19.02	19.17	19.15	20.00
	16QAM	1	0	18.89	18.97	19.13	20.00
		1	7	19.06	19.15	19.26	20.00
		1	14	19.14	19.29	19.42	20.00
		8	0	19.06	19.06	19.18	20.00
		8	4	18.92	19.10	19.09	20.00
		8	7	18.99	19.07	19.12	20.00
		15	0	19.06	19.10	19.16	20.00
	64QAM	1	0	19.20	19.05	19.17	20.00
		1	7	19.10	19.25	19.18	20.00
		1	14	19.10	19.22	19.22	20.00
		8	0	18.68	18.70	18.83	19.50
		8	4	18.76	18.74	18.73	19.50
		8	7	18.64	18.77	18.76	19.50
		15	0	18.71	18.75	18.74	19.50
256QAM	1	0	16.74	16.72	16.85	17.50	
	1	7	16.78	16.84	16.77	17.50	
	1	14	16.74	16.86	16.80	17.50	
	8	0	16.66	16.72	16.71	17.50	
	8	4	16.69	16.76	16.72	17.50	
	8	7	16.63	16.74	16.72	17.50	
	15	0	16.66	16.69	16.70	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	19.10	19.00	19.04	20.00
		1	13	18.93	19.10	19.12	20.00
		1	24	18.96	19.18	18.99	20.00
		12	0	18.97	19.09	19.13	20.00
		12	6	18.92	18.99	18.94	20.00
		12	13	19.04	19.07	19.16	20.00
		25	0	18.95	19.18	19.15	20.00
	16QAM	1	0	18.91	18.96	19.13	20.00
		1	13	19.09	19.21	19.35	20.00



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		1	24	19.18	19.29	19.46	20.00	
		12	0	19.06	19.10	19.08	20.00	
		12	6	18.94	19.05	19.06	20.00	
		12	13	19.05	19.02	19.09	20.00	
		25	0	18.96	19.15	19.13	20.00	
	64QAM	1	0	19.21	19.01	19.20	20.00	
		1	13	19.03	19.24	19.19	20.00	
		1	24	19.01	19.27	19.12	20.00	
		12	0	18.67	18.66	18.79	19.50	
		12	6	18.65	18.70	18.81	19.50	
		12	13	18.65	18.71	18.64	19.50	
	256QAM	25	0	18.66	18.71	18.78	19.50	
		1	0	16.71	16.80	16.82	17.50	
		1	13	16.69	16.85	16.81	17.50	
		1	24	16.78	16.78	16.79	17.50	
		12	0	16.63	16.67	16.73	17.50	
		12	6	16.63	16.71	16.78	17.50	
		12	13	16.64	16.66	16.65	17.50	
	25	0	16.75	16.72	16.71	17.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26740	26865	26990	
10MHz	QPSK	1	0	19.11	18.91	19.03	20.00	
		1	25	18.96	19.05	19.07	20.00	
		1	49	19.03	19.21	19.00	20.00	
		25	0	19.03	19.04	19.14	20.00	
		25	13	19.00	19.02	18.98	20.00	
		25	25	18.97	19.06	19.06	20.00	
		50	0	19.02	19.16	19.17	20.00	
	16QAM	1	0	18.97	18.99	19.09	20.00	
		1	25	19.10	19.15	19.36	20.00	
		1	49	19.09	19.26	19.39	20.00	
		25	0	19.05	19.16	19.09	20.00	
		25	13	18.94	19.03	19.16	20.00	
		25	25	19.10	19.12	19.07	20.00	
		50	0	19.02	19.17	19.16	20.00	
	64QAM	1	0	19.15	19.09	19.17	20.00	
		1	25	18.98	19.23	19.18	20.00	
		1	49	19.11	19.17	19.21	20.00	
		25	0	18.65	18.67	18.77	19.50	



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		25	13	18.67	18.75	18.81	19.50
		25	25	18.75	18.76	18.73	19.50
		50	0	18.72	18.73	18.79	19.50
	256QAM	1	0	16.78	16.72	16.87	17.50
		1	25	16.70	16.88	16.85	17.50
		1	49	16.73	16.81	16.71	17.50
		25	0	16.73	16.60	16.77	17.50
		25	13	16.63	16.72	16.68	17.50
		25	25	16.64	16.74	16.66	17.50
		50	0	16.75	16.76	16.72	17.50
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
	26765				26865	26965	
15MHz	QPSK	1	0	18.93	19.07	19.02	20.00
		1	38	18.91	19.05	19.03	20.00
		1	74	18.97	19.02	19.00	20.00
		36	0	18.96	19.05	19.07	20.00
		36	18	18.92	18.99	18.94	20.00
		36	39	18.95	19.09	19.06	20.00
		75	0	18.97	19.09	19.13	20.00
	16QAM	1	0	18.89	18.91	19.08	20.00
		1	38	19.08	19.16	19.28	20.00
		1	74	19.11	19.26	19.38	20.00
		36	0	18.99	19.07	19.09	20.00
		36	18	18.91	19.00	19.08	20.00
		36	39	19.00	19.04	19.08	20.00
		75	0	18.97	19.07	19.12	20.00
	64QAM	1	0	19.15	19.01	19.14	20.00
		1	38	19.00	19.15	19.14	20.00
		1	74	19.02	19.18	19.13	20.00
		36	0	18.67	18.67	18.74	19.50
		36	18	18.67	18.68	18.71	19.50
		36	39	18.65	18.72	18.66	19.50
		75	0	18.66	18.70	18.73	19.50
	256QAM	1	0	16.72	16.73	16.79	17.50
		1	38	16.69	16.79	16.78	17.50
		1	74	16.71	16.79	16.70	17.50
		36	0	16.64	16.62	16.73	17.50
		36	18	16.62	16.68	16.69	17.50
		36	39	16.62	16.68	16.67	17.50



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		75	0	16.66	16.69	16.71	17.50
--	--	----	---	-------	-------	-------	-------

LTE Band 66 Eci4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.32	21.24	21.07	22.50
		1	2	21.09	21.34	21.25	22.50
		1	5	21.30	21.36	21.15	22.50
		3	0	21.12	21.18	21.13	22.50
		3	1	21.28	21.23	21.20	22.50
		3	3	21.21	21.26	21.28	22.50
		6	0	20.26	20.28	20.27	21.50
	16QAM	1	0	20.07	20.01	20.29	21.50
		1	2	20.04	20.30	20.49	21.50
		1	5	20.39	20.48	20.36	21.50
		3	0	20.15	20.19	20.14	21.50
		3	1	20.21	20.29	20.03	21.50
		3	3	20.11	20.28	20.33	21.50
		6	0	19.05	19.25	19.08	20.50
	64QAM	1	0	18.94	19.02	18.86	20.50
		1	2	18.99	18.82	18.96	20.50
		1	5	19.47	19.27	19.34	20.50
		3	0	19.15	19.14	19.21	20.50
		3	1	19.12	19.32	19.23	20.50
		3	3	19.31	19.25	19.34	20.50
		6	0	18.11	18.17	18.21	19.50
	256QAM	1	0	16.27	16.10	16.26	17.50
		1	2	16.26	16.44	16.46	17.50
		1	5	16.32	16.41	16.45	17.50
		3	0	16.24	16.11	16.21	17.50
		3	1	16.10	16.21	16.14	17.50
		3	3	16.21	16.39	16.35	17.50
		6	0	16.13	16.32	16.24	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.27	21.09	21.05	22.50
		1	7	21.21	21.29	21.25	22.50
		1	14	21.15	21.36	21.06	22.50



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		8	0	20.23	20.30	20.17	21.50	
		8	4	20.17	20.38	20.16	21.50	
		8	7	20.23	20.25	20.26	21.50	
		15	0	20.23	20.31	20.26	21.50	
	16QAM	1	0	20.15	19.98	20.44	21.50	
		1	7	20.02	20.42	20.36	21.50	
		1	14	20.55	20.47	20.48	21.50	
		8	0	19.08	19.00	19.04	20.50	
		8	4	19.09	19.24	19.17	20.50	
		8	7	19.19	19.26	19.29	20.50	
	64QAM	15	0	19.13	19.14	18.97	20.50	
		1	0	18.95	18.99	18.87	20.50	
		1	7	18.94	18.96	18.97	20.50	
		1	14	19.36	19.30	19.45	20.50	
		8	0	18.02	18.20	18.24	19.50	
		8	4	18.25	18.14	18.35	19.50	
	256QAM	8	7	18.22	18.36	18.28	19.50	
		15	0	18.18	18.12	18.24	19.50	
		1	0	16.24	16.15	16.19	17.50	
		1	7	16.25	16.28	16.28	17.50	
		1	14	16.32	16.31	16.50	17.50	
		8	0	16.24	16.17	16.20	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
5MHz	QPSK	1	0	21.31	21.26	21.19	22.50	
		1	13	21.05	21.34	21.24	22.50	
		1	24	21.27	21.44	21.15	22.50	
		12	0	20.11	20.27	20.27	21.50	
		12	6	20.28	20.39	20.25	21.50	
		12	13	20.40	20.28	20.23	21.50	
	16QAM	25	0	20.25	20.28	20.19	21.50	
		1	0	20.06	20.01	20.28	21.50	
		1	13	20.12	20.25	20.37	21.50	
		1	24	20.39	20.43	20.42	21.50	
		12	0	19.06	19.13	19.12	20.50	
		12	6	19.27	19.20	19.05	20.50	



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		12	13	19.26	19.10	19.30	20.50
		25	0	19.19	19.16	19.01	20.50
	64QAM	1	0	18.94	18.90	18.93	20.50
		1	13	18.91	18.81	18.88	20.50
		1	24	19.33	19.38	19.30	20.50
		12	0	18.16	18.06	18.20	19.50
		12	6	18.12	18.16	18.28	19.50
		12	13	18.28	18.37	18.23	19.50
		25	0	18.05	18.32	18.38	19.50
		256QAM	1	0	16.16	16.12	16.20
	1		13	16.35	16.38	16.32	17.50
	1		24	16.30	16.31	16.48	17.50
	12		0	16.24	16.18	16.19	17.50
	12		6	16.24	16.27	16.28	17.50
	12		13	16.10	16.20	16.22	17.50
	25		0	16.27	16.28	16.17	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.19	21.23	21.04	22.50
		1	25	21.16	21.29	21.18	22.50
		1	49	21.22	21.32	21.20	22.50
		25	0	20.24	20.30	20.13	21.50
		25	13	20.13	20.29	20.18	21.50
		25	25	20.31	20.38	20.33	21.50
		50	0	20.10	20.39	20.32	21.50
	16QAM	1	0	20.10	20.00	20.33	21.50
		1	25	20.04	20.37	20.37	21.50
		1	49	20.58	20.35	20.36	21.50
		25	0	19.11	19.13	19.12	20.50
		25	13	19.17	19.12	19.16	20.50
		25	25	19.11	19.16	19.25	20.50
		50	0	19.12	19.32	19.04	20.50
	64QAM	1	0	18.99	18.85	18.81	20.50
		1	25	18.95	18.84	18.96	20.50
		1	49	19.36	19.39	19.26	20.50
		25	0	18.12	18.23	18.23	19.50
		25	13	18.26	18.22	18.28	19.50
		25	25	18.28	18.29	18.31	19.50
		50	0	18.21	18.28	18.25	19.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	256QAM	1	0	16.13	16.13	16.20	17.50	
		1	25	16.37	16.26	16.32	17.50	
		1	49	16.28	16.33	16.40	17.50	
		25	0	16.09	16.21	16.28	17.50	
		25	13	16.20	16.14	16.11	17.50	
		25	25	16.23	16.23	16.25	17.50	
		50	0	16.12	16.26	16.31	17.50	
	15MHz	QPSK	1	0	21.25	21.10	21.02	22.50
			1	38	21.11	21.30	21.12	22.50
			1	74	21.27	21.37	21.14	22.50
			36	0	20.13	20.21	20.20	21.50
			36	18	20.29	20.32	20.21	21.50
			36	39	20.34	20.43	20.34	21.50
			75	0	20.24	20.23	20.22	21.50
		16QAM	1	0	20.17	20.04	20.37	21.50
			1	38	20.00	20.29	20.41	21.50
			1	74	20.49	20.49	20.52	21.50
			36	0	19.25	19.17	19.10	20.50
			36	18	19.25	19.09	19.08	20.50
			36	39	19.23	19.23	19.20	20.50
			75	0	19.10	19.30	19.08	20.50
64QAM		1	0	18.94	18.84	18.85	20.50	
		1	38	18.91	18.83	18.81	20.50	
		1	74	19.31	19.29	19.36	20.50	
		36	0	18.03	18.19	18.32	19.50	
		36	18	18.09	18.18	18.31	19.50	
		36	39	18.18	18.20	18.22	19.50	
		75	0	18.14	18.15	18.35	19.50	
256QAM	1	0	16.17	15.96	16.22	17.50		
	1	38	16.22	16.26	16.48	17.50		
	1	74	16.24	16.46	16.43	17.50		
	36	0	16.11	16.17	16.26	17.50		
	36	18	16.16	16.33	16.18	17.50		
	36	39	16.21	16.36	16.29	17.50		
	75	0	16.25	16.14	16.35	17.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		



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20MHz	QPSK	1	0	21.22	21.17	21.12	22.50
		1	50	21.13	21.24	21.15	22.50
		1	99	21.21	21.37	21.14	22.50
		50	0	20.18	20.25	20.20	21.50
		50	25	20.21	20.31	20.20	21.50
		50	50	20.31	20.33	20.27	21.50
		100	0	20.18	20.29	20.25	21.50
	16QAM	1	0	20.09	20.06	20.38	21.50
		1	50	20.06	20.35	20.46	21.50
		1	99	20.49	20.44	20.45	21.50
		50	0	19.16	19.09	19.11	20.50
		50	25	19.18	19.19	19.13	20.50
		50	50	19.19	19.20	19.25	20.50
		100	0	19.14	19.23	19.05	20.50
	64QAM	1	0	18.91	18.93	18.84	20.50
		1	50	18.90	18.91	18.91	20.50
		1	99	19.38	19.32	19.35	20.50
		50	0	18.12	18.15	18.30	19.50
		50	25	18.18	18.22	18.28	19.50
		50	50	18.21	18.30	18.29	19.50
		100	0	18.14	18.22	18.28	19.50
	256QAM	1	0	16.22	16.06	16.25	17.50
		1	50	16.32	16.35	16.38	17.50
		1	99	16.22	16.40	16.42	17.50
		50	0	16.17	16.19	16.24	17.50
		50	25	16.17	16.24	16.21	17.50
		50	50	16.19	16.29	16.25	17.50
		100	0	16.17	16.23	16.26	17.50

LTE Band 66 Eci3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	14.81	14.92	14.90	16.00
		1	2	14.90	14.98	14.85	16.00
		1	5	14.88	15.06	15.02	16.00
		3	0	14.81	14.97	14.95	16.00
		3	1	14.92	14.91	14.86	16.00
		3	3	14.59	15.10	15.09	16.00



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		6	0	14.67	14.86	14.99	16.00
	16QAM	1	0	15.04	15.01	14.96	16.00
		1	2	14.94	15.10	15.29	16.00
		1	5	15.04	15.15	15.36	16.00
		3	0	14.69	14.89	15.05	16.00
		3	1	14.86	14.86	14.96	16.00
		3	3	14.85	15.02	15.08	16.00
		6	0	14.77	14.91	15.01	16.00
	64QAM	1	0	15.04	14.93	15.15	16.00
		1	2	14.83	15.02	14.94	16.00
		1	5	15.08	15.05	15.14	16.00
		3	0	14.66	14.64	14.90	16.00
		3	1	14.85	15.03	15.00	16.00
		3	3	14.81	14.93	14.97	16.00
		6	0	14.74	14.99	14.90	16.00
	256QAM	1	0	14.94	14.85	14.99	16.00
		1	2	14.85	14.91	15.09	16.00
		1	5	14.92	15.08	14.99	16.00
		3	0	14.64	15.02	14.96	16.00
		3	1	14.88	14.85	14.84	16.00
		3	3	14.88	15.07	15.03	16.00
		6	0	14.77	14.78	15.05	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	14.74	14.76	14.95	16.00
		1	7	14.89	14.88	14.86	16.00
		1	14	14.83	15.03	14.95	16.00
		8	0	14.79	14.86	14.89	16.00
		8	4	14.91	14.90	14.92	16.00
		8	7	14.52	15.03	15.01	16.00
		15	0	14.72	14.94	14.97	16.00
	16QAM	1	0	15.12	14.98	14.95	16.00
		1	7	14.94	15.18	15.32	16.00
		1	14	15.00	15.27	15.25	16.00
		8	0	14.70	14.79	15.03	16.00
		8	4	14.73	14.84	14.94	16.00
		8	7	14.94	14.98	14.96	16.00
		15	0	14.87	15.00	14.96	16.00
	64QAM	1	0	14.89	14.84	15.13	16.00



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		1	7	14.86	15.07	14.96	16.00		
		1	14	15.14	15.22	15.12	16.00		
		8	0	14.70	14.66	14.90	16.00		
		8	4	14.85	15.04	14.96	16.00		
		8	7	14.81	14.99	14.94	16.00		
		15	0	14.83	14.84	14.99	16.00		
		256QAM	1	0	14.80	14.91	14.91	16.00	
			1	7	14.82	14.97	14.95	16.00	
			1	14	15.01	15.00	15.11	16.00	
			8	0	14.69	15.03	14.90	16.00	
			8	4	14.88	14.97	14.82	16.00	
			8	7	14.72	14.88	14.97	16.00	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						131997	132322	132647	
5MHz	QPSK	1	0	14.71	14.81	14.96	16.00		
		1	13	14.80	14.97	14.92	16.00		
		1	24	14.88	15.00	14.96	16.00		
		12	0	14.71	14.98	14.99	16.00		
		12	6	14.85	14.88	14.94	16.00		
		12	13	14.72	15.07	15.06	16.00		
		25	0	14.77	14.86	14.90	16.00		
	16QAM	1	0	15.18	14.94	14.94	16.00		
		1	13	14.80	15.10	15.28	16.00		
		1	24	14.95	15.27	15.33	16.00		
		12	0	14.70	14.95	14.99	16.00		
		12	6	14.82	15.00	14.87	16.00		
		12	13	14.83	14.99	14.97	16.00		
		25	0	14.82	14.88	14.87	16.00		
	64QAM	1	0	15.00	14.83	15.16	16.00		
		1	13	14.94	15.13	15.11	16.00		
		1	24	15.05	15.12	14.97	16.00		
		12	0	14.65	14.67	14.87	16.00		
		12	6	14.87	14.85	14.86	16.00		
		12	13	14.81	15.03	15.02	16.00		
		25	0	14.73	14.95	14.96	16.00		
	256QAM	1	0	14.95	14.94	15.00	16.00		
		1	13	14.91	14.99	14.93	16.00		
		1	24	14.88	15.06	15.08	16.00		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	12	0	14.77	15.01	14.92	16.00	
		12	6	14.91	14.92	15.02	16.00	
		12	13	14.82	15.04	15.05	16.00	
		25	0	14.75	14.81	15.02	16.00	
	16QAM	QPSK	1	0	14.72	14.80	14.93	16.00
			1	25	14.83	14.88	14.99	16.00
			1	49	14.90	14.93	15.00	16.00
			25	0	14.85	14.97	14.94	16.00
			25	13	14.81	15.00	14.99	16.00
			25	25	14.68	15.00	14.93	16.00
		16QAM	1	0	15.14	14.96	14.92	16.00
			1	25	14.93	15.13	15.13	16.00
			1	49	15.11	15.27	15.36	16.00
			25	0	14.66	14.82	15.05	16.00
			25	13	14.77	14.99	14.93	16.00
			25	25	14.88	15.02	14.91	16.00
	64QAM	QPSK	50	0	14.74	14.95	15.03	16.00
			1	0	15.03	14.92	15.06	16.00
			1	25	14.86	15.09	15.03	16.00
			1	49	15.07	15.03	15.16	16.00
			25	0	14.76	14.59	15.02	16.00
			25	13	14.74	14.88	15.03	16.00
		256QAM	25	25	14.81	15.04	14.91	16.00
			50	0	14.72	14.93	14.88	16.00
			1	0	14.89	14.90	14.96	16.00
			1	25	14.82	14.92	14.91	16.00
			1	49	15.03	15.12	15.12	16.00
			25	0	14.79	14.96	14.86	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	14.69	14.87	14.97	16.00	
		1	38	14.75	14.93	14.91	16.00	
		1	74	14.96	14.96	14.88	16.00	



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		36	0	14.80	14.94	14.92	16.00
		36	18	14.82	14.87	15.00	16.00
		36	39	14.59	14.97	15.08	16.00
		75	0	14.78	14.96	14.99	16.00
	16QAM	1	0	15.02	15.06	14.96	16.00
		1	38	14.88	15.05	15.25	16.00
		1	74	14.95	15.28	15.20	16.00
		36	0	14.69	14.77	14.88	16.00
		36	18	14.81	14.85	14.92	16.00
		36	39	14.89	15.07	15.00	16.00
		75	0	14.71	14.91	14.85	16.00
	64QAM	1	0	14.98	14.82	15.21	16.00
		1	38	14.95	15.03	15.09	16.00
		1	74	15.11	15.07	15.17	16.00
		36	0	14.82	14.70	14.85	16.00
		36	18	14.90	14.98	15.01	16.00
		36	39	14.79	15.02	14.93	16.00
		75	0	14.73	14.82	14.95	16.00
	256QAM	1	0	14.92	15.03	14.86	16.00
		1	38	14.74	14.94	14.97	16.00
		1	74	14.99	15.09	15.13	16.00
		36	0	14.65	14.97	14.82	16.00
		36	18	14.80	14.91	14.98	16.00
		36	39	14.76	14.96	14.95	16.00
		75	0	14.72	14.75	14.87	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	14.74	14.82	14.91	16.00
		1	50	14.80	14.91	14.92	16.00
		1	99	14.88	14.96	15.05	16.00
		50	0	14.78	14.89	14.95	16.00
		50	25	14.82	14.96	14.94	16.00
		50	50	14.62	15.03	15.02	16.00
		100	0	14.77	14.96	14.98	16.00
	16QAM	1	0	15.08	14.98	14.98	16.00
		1	50	14.85	15.10	15.22	16.00
		1	99	15.05	15.24	15.27	16.00
		50	0	14.64	14.87	14.96	16.00
		50	25	14.80	14.93	14.95	16.00



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		50	50	14.85	14.99	15.00	16.00
		100	0	14.78	14.93	14.93	16.00
	64QAM	1	0	14.96	14.92	15.11	16.00
		1	50	14.93	15.08	15.03	16.00
		1	99	15.11	15.12	15.07	16.00
		50	0	14.73	14.69	14.92	16.00
		50	25	14.80	14.94	14.93	16.00
		50	50	14.81	14.98	14.95	16.00
		100	0	14.75	14.91	14.95	16.00
	256QAM	1	0	14.86	14.94	14.93	16.00
		1	50	14.84	15.01	15.00	16.00
		1	99	14.94	15.05	15.06	16.00
		50	0	14.73	15.06	14.91	16.00
		50	25	14.83	14.94	14.92	16.00
50		50	14.81	14.98	14.96	16.00	
100		0	14.77	14.84	14.97	16.00	

LTE Band 66 Eci2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	12.70	12.68	12.67	14.00
		1	2	12.72	12.72	12.71	14.00
		1	5	12.95	12.63	12.79	14.00
		3	0	12.57	12.81	12.69	14.00
		3	1	12.79	12.70	12.69	14.00
		3	3	12.79	12.81	12.58	14.00
		6	0	12.87	12.87	12.54	14.00
	16QAM	1	0	12.75	13.00	12.71	14.00
		1	2	13.01	12.84	12.61	14.00
		1	5	13.06	12.87	12.70	14.00
		3	0	12.67	12.53	12.82	14.00
		3	1	12.76	12.58	12.59	14.00
		3	3	12.81	12.64	12.73	14.00
		6	0	12.83	12.80	12.72	14.00
	64QAM	1	0	12.66	12.72	12.63	14.00
		1	2	12.82	12.75	12.73	14.00
		1	5	12.88	12.78	12.85	14.00
		3	0	12.75	12.68	12.71	14.00



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		3	1	12.86	12.64	12.72	14.00
		3	3	12.60	12.83	12.74	14.00
		6	0	12.78	12.77	12.56	14.00
	256QAM	1	0	12.70	12.84	12.66	14.00
		1	2	12.73	12.90	12.77	14.00
		1	5	12.87	12.86	12.75	14.00
		3	0	12.71	12.60	12.58	14.00
		3	1	12.70	12.72	12.53	14.00
		3	3	12.68	12.79	12.74	14.00
		6	0	12.82	12.66	12.60	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	12.63	12.65	12.61	14.00
		1	7	12.70	12.62	12.73	14.00
		1	14	12.86	12.63	12.73	14.00
		8	0	12.58	12.71	12.60	14.00
		8	4	12.80	12.71	12.62	14.00
		8	7	12.78	12.82	12.60	14.00
		15	0	12.79	12.79	12.55	14.00
	16QAM	1	0	12.75	12.92	12.65	14.00
		1	7	12.91	12.83	12.63	14.00
		1	14	12.97	12.85	12.65	14.00
		8	0	12.64	12.53	12.73	14.00
		8	4	12.67	12.58	12.61	14.00
		8	7	12.81	12.60	12.71	14.00
		15	0	12.77	12.70	12.67	14.00
	64QAM	1	0	12.67	12.73	12.59	14.00
		1	7	12.82	12.73	12.75	14.00
		1	14	12.89	12.68	12.78	14.00
		8	0	12.70	12.60	12.71	14.00
		8	4	12.83	12.66	12.68	14.00
		8	7	12.62	12.76	12.64	14.00
		15	0	12.74	12.77	12.54	14.00
	256QAM	1	0	12.60	12.81	12.64	14.00
		1	7	12.73	12.90	12.77	14.00
		1	14	12.78	12.76	12.70	14.00
		8	0	12.64	12.58	12.56	14.00
		8	4	12.64	12.74	12.53	14.00
		8	7	12.68	12.72	12.72	14.00



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Bandwidth	Modulation	15	0	12.74	12.68	12.56	14.00	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	QPSK	1	0	12.67	12.71	12.61	14.00	
		1	13	12.63	12.80	12.59	14.00	
		1	24	12.85	12.70	12.69	14.00	
		12	0	12.73	12.70	12.63	14.00	
		12	6	12.70	12.70	12.58	14.00	
		12	13	12.79	12.65	12.77	14.00	
		25	0	12.65	12.65	12.59	14.00	
	16QAM	1	0	12.71	12.92	12.70	14.00	
		1	13	12.86	12.96	12.68	14.00	
		1	24	12.98	12.94	12.80	14.00	
		12	0	12.73	12.66	12.60	14.00	
		12	6	12.63	12.61	12.59	14.00	
		12	13	12.80	12.79	12.75	14.00	
		25	0	12.78	12.64	12.67	14.00	
	64QAM	1	0	12.65	12.79	12.51	14.00	
		1	13	12.93	12.70	12.67	14.00	
		1	24	12.93	12.77	12.77	14.00	
		12	0	12.70	12.61	12.67	14.00	
		12	6	12.76	12.79	12.70	14.00	
		12	13	12.78	12.76	12.61	14.00	
		25	0	12.67	12.62	12.57	14.00	
	256QAM	1	0	12.78	12.81	12.66	14.00	
		1	13	12.67	12.86	12.83	14.00	
		1	24	12.74	12.85	12.65	14.00	
		12	0	12.63	12.67	12.68	14.00	
		12	6	12.77	12.68	12.56	14.00	
		12	13	12.82	12.64	12.72	14.00	
		25	0	12.67	12.71	12.69	14.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	12.67	12.57	12.66	14.00
			1	25	12.68	12.68	12.68	14.00
			1	49	12.70	12.63	12.57	14.00
			25	0	12.71	12.75	12.67	14.00
			25	13	12.64	12.74	12.68	14.00
			25	25	12.67	12.74	12.71	14.00



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		50	0	12.81	12.62	12.61	14.00
	16QAM	1	0	12.68	12.84	12.64	14.00
		1	25	12.76	12.81	12.79	14.00
		1	49	12.93	12.83	12.66	14.00
		25	0	12.74	12.64	12.60	14.00
		25	13	12.71	12.67	12.71	14.00
		25	25	12.65	12.73	12.69	14.00
		50	0	12.68	12.63	12.63	14.00
	64QAM	1	0	12.73	12.72	12.57	14.00
		1	25	12.82	12.81	12.73	14.00
		1	49	12.91	12.75	12.73	14.00
		25	0	12.72	12.56	12.71	14.00
		25	13	12.75	12.61	12.53	14.00
		25	25	12.81	12.76	12.66	14.00
		50	0	12.71	12.71	12.66	14.00
	256QAM	1	0	12.78	12.72	12.63	14.00
		1	25	12.87	12.90	12.75	14.00
		1	49	12.82	12.78	12.63	14.00
		25	0	12.62	12.60	12.65	14.00
		25	13	12.67	12.66	12.51	14.00
		25	25	12.75	12.69	12.70	14.00
		50	0	12.59	12.56	12.65	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	12.67	12.63	12.51	14.00
		1	38	12.60	12.78	12.76	14.00
		1	74	12.88	12.75	12.65	14.00
		36	0	12.59	12.57	12.61	14.00
		36	18	12.61	12.67	12.55	14.00
		36	39	12.68	12.65	12.61	14.00
		75	0	12.64	12.68	12.73	14.00
	16QAM	1	0	12.63	12.83	12.62	14.00
		1	38	12.79	12.87	12.66	14.00
		1	74	12.96	12.86	12.80	14.00
		36	0	12.64	12.52	12.63	14.00
		36	18	12.73	12.58	12.61	14.00
		36	39	12.71	12.76	12.70	14.00
		75	0	12.61	12.58	12.60	14.00
	64QAM	1	0	12.67	12.65	12.61	14.00



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		1	38	12.88	12.70	12.71	14.00	
		1	74	12.86	12.67	12.70	14.00	
		36	0	12.70	12.70	12.59	14.00	
		36	18	12.74	12.80	12.66	14.00	
		36	39	12.77	12.72	12.58	14.00	
		75	0	12.67	12.77	12.54	14.00	
	256QAM	1	0	12.74	12.80	12.60	14.00	
		1	38	12.72	12.76	12.88	14.00	
		1	74	12.90	12.67	12.62	14.00	
		36	0	12.55	12.72	12.59	14.00	
		36	18	12.65	12.70	12.60	14.00	
		36	39	12.78	12.72	12.69	14.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
20MHz	QPSK	1	0	12.69	12.62	12.59	14.00	
		1	50	12.68	12.70	12.73	14.00	
		1	99	12.67	12.79	12.64	14.00	
		50	0	12.67	12.66	12.63	14.00	
		50	25	12.71	12.71	12.63	14.00	
		50	50	12.74	12.75	12.70	14.00	
		100	0	12.73	12.71	12.64	14.00	
	16QAM	1	0	12.66	12.85	12.72	14.00	
		1	50	12.85	12.87	12.73	14.00	
		1	99	12.94	12.85	12.75	14.00	
		50	0	12.65	12.62	12.64	14.00	
		50	25	12.72	12.68	12.61	14.00	
		50	50	12.72	12.70	12.69	14.00	
		100	0	12.68	12.64	12.62	14.00	
	64QAM	1	0	12.70	12.70	12.53	14.00	
		1	50	12.85	12.80	12.72	14.00	
		1	99	12.91	12.70	12.76	14.00	
		50	0	12.63	12.63	12.61	14.00	
		50	25	12.75	12.71	12.60	14.00	
		50	50	12.72	12.72	12.67	14.00	
		100	0	12.69	12.69	12.60	14.00	
	256QAM	1	0	12.70	12.77	12.57	14.00	
		1	50	12.77	12.82	12.80	14.00	
		1	99	12.82	12.76	12.61	14.00	



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		50	0	12.62	12.63	12.63	14.00
		50	25	12.73	12.71	12.60	14.00
		50	50	12.72	12.69	12.65	14.00
		100	0	12.69	12.66	12.62	14.00

LTE Band 66 Eci7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	11.70	11.62	11.82	13.00	
		1	2	11.75	11.87	11.87	13.00	
		1	5	11.83	11.84	12.02	13.00	
		3	0	11.84	11.80	11.83	13.00	
		3	1	11.73	11.73	11.85	13.00	
		3	3	11.80	11.87	12.05	13.00	
		6	0	11.69	11.86	11.92	13.00	
	16QAM	1	0	11.79	11.97	12.17	13.00	
		1	2	11.82	12.25	12.09	13.00	
		1	5	12.10	12.12	12.09	13.00	
		3	0	11.69	11.82	11.99	13.00	
		3	1	11.75	11.87	11.84	13.00	
		3	3	11.66	12.04	12.07	13.00	
		6	0	11.67	11.80	12.01	13.00	
	64QAM	1	0	11.79	11.93	12.01	13.00	
		1	2	11.77	12.10	11.98	13.00	
		1	5	12.03	11.93	12.02	13.00	
		3	0	11.68	11.63	11.88	13.00	
		3	1	11.79	11.83	11.84	13.00	
		3	3	11.75	11.89	11.95	13.00	
		6	0	11.65	11.80	12.04	13.00	
	256QAM	1	0	11.79	11.64	11.97	13.00	
		1	2	12.05	11.87	11.93	13.00	
		1	5	11.89	12.07	12.07	13.00	
		3	0	11.78	11.71	11.91	13.00	
		3	1	11.95	11.91	11.66	13.00	
		3	3	12.02	12.08	12.02	13.00	
		6	0	11.67	11.81	11.88	13.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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Bandwidth	Modulation	RB size	RB offset	131987	132322	132657	Tune up
				Channel	Channel	Channel	
3MHz	QPSK	1	0	11.79	11.73	11.88	13.00
		1	7	11.79	11.85	11.77	13.00
		1	14	11.89	11.82	12.12	13.00
		8	0	11.74	11.77	11.93	13.00
		8	4	11.88	11.81	12.01	13.00
		8	7	11.72	11.87	11.93	13.00
	16QAM	15	0	11.79	11.96	11.95	13.00
		1	0	11.89	12.03	12.24	13.00
		1	7	11.84	12.08	12.00	13.00
		1	14	12.18	12.11	12.05	13.00
		8	0	11.57	11.73	11.97	13.00
		8	4	11.90	11.78	11.87	13.00
	64QAM	8	7	11.83	11.94	12.04	13.00
		15	0	11.79	11.76	11.91	13.00
		1	0	11.82	11.93	11.92	13.00
		1	7	11.90	12.08	11.91	13.00
		1	14	12.08	12.11	12.08	13.00
		8	0	11.82	11.56	11.92	13.00
	256QAM	8	4	11.79	11.97	11.86	13.00
		8	7	11.83	12.04	11.97	13.00
		15	0	11.79	11.92	11.99	13.00
		1	0	11.66	11.84	11.80	13.00
		1	7	12.01	12.07	12.00	13.00
		1	14	11.85	11.89	12.13	13.00
5MHz	QPSK	8	0	11.79	11.64	11.98	13.00
		8	4	12.03	11.79	11.77	13.00
		8	7	11.93	12.02	11.92	13.00
		15	0	11.64	11.85	11.82	13.00
		1	0	11.67	11.69	11.77	13.00
		1	13	11.79	11.86	11.85	13.00
		1	24	11.84	11.91	12.00	13.00
	16QAM	12	0	11.82	11.64	12.01	13.00
		12	6	11.89	11.86	12.02	13.00
		12	13	11.89	11.96	11.91	13.00
		25	0	11.74	11.81	12.04	13.00
		1	0	11.95	11.89	12.21	13.00



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		1	13	11.95	12.08	12.12	13.00	
		1	24	12.16	12.19	12.24	13.00	
		12	0	11.72	11.74	12.01	13.00	
		12	6	11.81	11.75	11.92	13.00	
		12	13	11.75	12.07	11.96	13.00	
		25	0	11.64	11.87	11.85	13.00	
	64QAM	1	0	11.71	11.77	11.84	13.00	
		1	13	11.78	11.95	11.92	13.00	
		1	24	11.92	11.97	12.17	13.00	
		12	0	11.72	11.63	11.85	13.00	
		12	6	11.85	11.79	11.90	13.00	
		12	13	11.89	11.92	11.97	13.00	
	256QAM	25	0	11.72	11.77	11.88	13.00	
		1	0	11.70	11.76	11.91	13.00	
		1	13	12.07	11.97	11.89	13.00	
		1	24	11.87	11.95	12.02	13.00	
		12	0	11.78	11.78	11.94	13.00	
		12	6	11.98	11.77	11.69	13.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	11.69	11.76	11.76	13.00
1			25	11.81	11.82	11.96	13.00	
1			49	11.84	11.82	11.97	13.00	
25			0	11.65	11.66	11.82	13.00	
25			13	11.78	11.92	11.94	13.00	
25			25	11.74	12.02	12.07	13.00	
50			0	11.75	11.81	11.96	13.00	
16QAM		1	0	11.83	12.07	12.17	13.00	
		1	25	11.78	12.09	12.10	13.00	
		1	49	12.17	12.27	12.21	13.00	
		25	0	11.59	11.82	12.01	13.00	
		25	13	11.79	11.78	11.78	13.00	
		25	25	11.71	11.95	11.92	13.00	
64QAM		50	0	11.78	11.80	12.03	13.00	
		1	0	11.68	11.78	11.83	13.00	
		1	25	11.76	11.92	11.97	13.00	
		1	49	12.03	12.10	12.12	13.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	256QAM	25	0	11.85	11.67	11.97	13.00	
		25	13	11.77	11.91	11.91	13.00	
		25	25	11.85	11.85	11.99	13.00	
		50	0	11.74	11.83	11.88	13.00	
		1	0	11.76	11.76	11.82	13.00	
		1	25	12.03	11.92	11.98	13.00	
		1	49	11.78	11.88	12.13	13.00	
		25	0	11.73	11.82	11.91	13.00	
	25	13	12.03	11.92	11.67	13.00		
	25	25	11.85	12.00	12.02	13.00		
	50	0	11.64	11.98	11.94	13.00		
	15MHz	QPSK	1	0	11.61	11.72	11.84	13.00
			1	38	11.63	11.90	11.88	13.00
			1	74	11.84	11.84	12.09	13.00
			36	0	11.78	11.74	11.95	13.00
			36	18	11.82	11.79	11.97	13.00
			36	39	11.90	11.93	11.88	13.00
			75	0	11.70	11.82	12.02	13.00
		16QAM	1	0	11.88	11.94	12.23	13.00
			1	38	11.94	12.09	12.01	13.00
			1	74	12.17	12.11	12.18	13.00
			36	0	11.73	11.76	11.90	13.00
			36	18	11.78	11.86	11.82	13.00
			36	39	11.71	12.05	12.03	13.00
			75	0	11.78	11.89	11.87	13.00
		64QAM	1	0	11.76	11.86	11.89	13.00
			1	38	11.95	12.10	11.94	13.00
			1	74	12.11	11.97	12.08	13.00
36			0	11.77	11.60	11.88	13.00	
36			18	11.87	11.82	11.82	13.00	
36			39	11.90	12.00	12.02	13.00	
75			0	11.67	11.88	12.01	13.00	
256QAM		1	0	11.75	11.64	11.89	13.00	
		1	38	12.02	12.04	11.94	13.00	
		1	74	11.80	12.03	12.05	13.00	
		36	0	11.74	11.66	11.98	13.00	
		36	18	12.05	11.77	11.81	13.00	



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Bandwidth	Modulation	36	39	11.96	12.02	11.96	13.00
		75	0	11.71	11.85	12.02	13.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	11.69	11.71	11.81	
		1	50	11.72	11.84	12.03	13.00
		1	99	11.87	11.90	12.01	13.00
		50	0	11.74	11.73	11.92	13.00
		50	25	11.80	11.82	11.93	13.00
		50	50	11.81	11.97	11.96	13.00
		100	0	11.75	11.86	11.96	13.00
	16QAM	1	0	11.87	11.97	12.17	13.00
		1	50	11.87	12.16	12.09	13.00
		1	99	12.09	12.18	12.15	13.00
		50	0	11.67	11.72	11.93	13.00
		50	25	11.80	11.81	11.88	13.00
		50	50	11.75	11.98	11.97	13.00
		100	0	11.74	11.82	11.93	13.00
	64QAM	1	0	11.78	11.87	11.92	13.00
		1	50	11.85	12.00	12.00	13.00
		1	99	12.02	12.02	12.10	13.00
		50	0	11.75	11.63	11.90	13.00
		50	25	11.80	11.88	11.92	13.00
		50	50	11.80	11.95	11.95	13.00
		100	0	11.73	11.84	11.94	13.00
	256QAM	1	0	11.71	11.74	11.88	13.00
		1	50	12.10	11.97	11.94	13.00
		1	99	11.83	11.97	12.08	13.00
		50	0	11.72	11.72	11.93	13.00
		50	25	12.02	11.87	11.73	13.00
		50	50	11.95	11.99	11.95	13.00
		100	0	11.74	11.88	11.92	13.00

LTE Band 66 Eci6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	15.70	15.90	15.88	17.00



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		1	2	15.82	15.99	15.98	17.00
		1	5	15.93	15.88	15.85	17.00
		3	0	15.79	15.94	15.91	17.00
		3	1	15.83	15.96	15.84	17.00
		3	3	15.82	15.95	16.00	17.00
		6	0	15.85	15.93	16.02	17.00
	16QAM	1	0	15.92	16.13	16.14	17.00
		1	2	16.08	16.06	15.92	17.00
		1	5	16.23	16.29	16.16	17.00
		3	0	16.82	15.91	15.97	17.00
		3	1	15.76	15.96	15.85	17.00
		3	3	15.94	15.94	15.91	17.00
	64QAM	6	0	15.77	15.89	15.91	17.00
		1	0	15.85	15.81	15.78	17.00
		1	2	15.83	16.01	16.05	17.00
		1	5	15.83	16.12	16.13	17.00
		3	0	15.74	15.87	15.87	17.00
		3	1	15.86	16.01	16.00	17.00
	256QAM	3	3	15.76	16.05	16.00	17.00
		6	0	15.89	16.00	15.83	17.00
		1	0	15.86	15.95	15.98	17.00
1		2	15.82	16.05	15.99	17.00	
1		5	15.79	16.18	16.01	17.00	
3		0	15.76	15.86	15.88	17.00	
3MHz	QPSK	3	1	15.85	15.83	15.75	17.00
		3	3	15.92	15.98	15.99	17.00
		6	0	15.86	15.85	16.02	17.00
		1	0	15.78	15.80	15.81	17.00
		1	7	15.67	15.85	16.05	17.00
		1	14	15.91	15.88	15.87	17.00
16QAM	16QAM	8	0	15.83	15.83	16.05	17.00
		8	4	15.84	15.91	15.84	17.00
		8	7	15.89	16.00	15.89	17.00
		15	0	15.74	16.02	15.92	17.00
		1	0	15.94	16.24	16.08	17.00
		1	7	16.07	16.14	15.94	17.00
		1	14	16.22	16.33	16.20	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	



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		8	0	16.81	15.75	15.93	17.00	
		8	4	15.73	15.93	15.85	17.00	
		8	7	15.87	15.93	16.07	17.00	
		15	0	15.78	15.87	15.95	17.00	
	64QAM	1	0	15.85	15.81	15.93	17.00	
		1	7	15.69	15.86	15.98	17.00	
		1	14	15.83	16.19	16.11	17.00	
		8	0	15.77	15.81	16.05	17.00	
		8	4	15.93	15.85	15.92	17.00	
		8	7	15.84	15.98	16.02	17.00	
		15	0	15.75	15.97	15.83	17.00	
	256QAM	1	0	15.75	15.90	15.87	17.00	
		1	7	15.93	16.00	15.91	17.00	
		1	14	15.90	16.05	16.09	17.00	
		8	0	15.75	15.76	15.84	17.00	
		8	4	15.72	15.87	15.92	17.00	
		8	7	15.92	16.05	15.97	17.00	
		15	0	15.85	15.90	15.95	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
	5MHz	QPSK	1	0	15.65	15.74	15.92	17.00
1			13	15.72	15.91	15.98	17.00	
1			24	15.77	15.94	15.86	17.00	
12			0	15.70	15.88	15.93	17.00	
12			6	15.83	16.03	15.96	17.00	
12			13	15.76	15.91	15.95	17.00	
25			0	15.79	16.00	16.05	17.00	
16QAM		1	0	15.79	16.32	16.18	17.00	
		1	13	16.16	16.09	16.06	17.00	
		1	24	16.30	16.35	16.35	17.00	
		12	0	16.82	15.86	15.95	17.00	
		12	6	15.84	16.04	15.99	17.00	
		12	13	15.84	15.95	15.96	17.00	
		25	0	15.85	15.94	16.03	17.00	
64QAM		1	0	15.95	15.86	15.92	17.00	
		1	13	15.72	15.94	16.06	17.00	
		1	24	15.93	16.19	16.01	17.00	
		12	0	15.68	15.75	16.02	17.00	
		12	6	15.75	15.99	15.88	17.00	



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	256QAM	12	13	15.77	16.05	16.00	17.00
		25	0	15.70	16.01	15.93	17.00
		1	0	15.82	15.93	16.01	17.00
		1	13	15.90	16.14	16.08	17.00
		1	24	15.85	16.07	16.06	17.00
		12	0	15.73	15.84	15.97	17.00
		12	6	15.84	15.86	15.78	17.00
		12	13	15.84	15.93	16.08	17.00
		25	0	15.83	15.84	16.04	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	15.69	15.85	15.96	17.00
		1	25	15.67	15.93	16.01	17.00
		1	49	15.82	16.04	15.86	17.00
		25	0	15.70	15.80	15.99	17.00
		25	13	15.78	15.91	15.98	17.00
		25	25	15.85	16.00	16.05	17.00
		50	0	15.79	15.85	15.87	17.00
	16QAM	1	0	15.80	16.33	16.15	17.00
		1	25	16.12	16.10	15.95	17.00
		1	49	16.30	16.19	16.26	17.00
		25	0	16.94	15.89	16.02	17.00
		25	13	15.78	15.94	15.90	17.00
		25	25	15.82	16.07	16.05	17.00
	64QAM	50	0	15.79	15.91	15.88	17.00
		1	0	15.90	15.76	15.79	17.00
		1	25	15.71	15.98	16.08	17.00
		1	49	15.87	16.02	16.06	17.00
		25	0	15.79	15.78	15.92	17.00
		25	13	15.93	15.98	16.01	17.00
	256QAM	25	25	15.78	15.93	15.94	17.00
		50	0	15.80	15.87	15.95	17.00
		1	0	15.76	15.99	15.84	17.00
		1	25	15.89	16.00	15.98	17.00
		1	49	15.90	16.16	16.19	17.00
		25	0	15.83	15.79	15.93	17.00
		25	13	15.89	15.93	15.89	17.00
	25	25	15.87	16.12	16.08	17.00	
	50	0	15.89	15.79	15.99	17.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	15.77	15.89	15.86	17.00
		1	38	15.71	15.81	15.98	17.00
		1	74	15.91	15.95	16.04	17.00
		36	0	15.76	15.79	15.89	17.00
		36	18	15.76	15.97	15.93	17.00
		36	39	15.77	15.99	15.98	17.00
		75	0	15.70	15.95	15.87	17.00
	16QAM	1	0	15.88	16.27	16.07	17.00
		1	38	16.00	16.15	15.98	17.00
		1	74	16.18	16.33	16.34	17.00
		36	0	16.95	15.87	15.89	17.00
		36	18	15.89	15.98	16.00	17.00
		36	39	15.77	16.07	15.95	17.00
		75	0	15.81	16.03	15.89	17.00
	64QAM	1	0	15.89	15.76	15.77	17.00
		1	38	15.73	15.98	15.93	17.00
		1	74	15.78	16.05	16.08	17.00
		36	0	15.84	15.77	15.87	17.00
		36	18	15.83	15.92	15.87	17.00
		36	39	15.77	15.90	16.10	17.00
		75	0	15.90	15.82	16.02	17.00
	256QAM	1	0	15.83	15.99	16.01	17.00
		1	38	15.81	15.96	16.07	17.00
		1	74	15.86	16.12	16.10	17.00
		36	0	15.76	15.76	15.87	17.00
		36	18	15.73	15.92	15.77	17.00
		36	39	15.76	16.02	15.99	17.00
		75	0	15.75	15.90	16.04	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	15.75	15.83	15.86	17.00
		1	50	15.77	15.90	16.04	17.00
		1	99	15.86	15.99	15.95	17.00
		50	0	15.78	15.85	15.95	17.00
		50	25	15.82	15.93	15.91	17.00
		50	50	15.83	16.01	16.03	17.00
		100	0	15.79	15.95	15.96	17.00



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	16QAM	1	0	15.88	16.23	16.10	17.00
		1	50	16.06	16.14	16.01	17.00
		1	99	16.27	16.26	16.26	17.00
		50	0	16.85	15.82	15.95	17.00
		50	25	15.82	15.94	15.91	17.00
		50	50	15.86	16.00	15.99	17.00
		100	0	15.79	15.95	15.97	17.00
	64QAM	1	0	15.91	15.84	15.87	17.00
		1	50	15.78	15.94	16.02	17.00
		1	99	15.83	16.09	16.06	17.00
		50	0	15.76	15.84	15.95	17.00
		50	25	15.83	15.94	15.95	17.00
		50	50	15.86	15.97	16.00	17.00
		100	0	15.80	15.91	15.93	17.00
	256QAM	1	0	15.79	15.99	15.93	17.00
		1	50	15.88	16.04	15.99	17.00
		1	99	15.88	16.11	16.09	17.00
		50	0	15.78	15.82	15.94	17.00
		50	25	15.80	15.90	15.85	17.00
		50	50	15.84	16.03	15.98	17.00
		100	0	15.80	15.88	15.95	17.00

LTE Band 38 Eci4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.44	21.53	21.25	22.00
		1	13	21.50	21.41	21.21	22.00
		1	24	21.44	21.30	21.15	22.00
		12	0	20.47	20.48	20.38	21.00
		12	6	20.44	20.40	20.39	21.00
		12	13	20.56	20.31	20.44	21.00
		25	0	20.47	20.35	20.41	21.00
	16QAM	1	0	20.47	20.51	20.43	21.00
		1	13	20.33	19.69	20.10	21.00
		1	24	20.46	19.94	20.19	21.00
		12	0	19.51	19.53	19.55	20.00
		12	6	19.47	19.50	19.31	20.00
		12	13	19.59	19.39	19.28	20.00



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		25	0	19.47	19.44	19.42	20.00
	64QAM	1	0	19.24	19.04	18.69	20.00
		1	13	19.15	18.97	19.14	20.00
		1	24	19.08	19.18	18.96	20.00
		12	0	18.52	18.48	18.51	19.00
		12	6	18.45	18.36	18.46	19.00
		12	13	18.44	18.40	18.33	19.00
		25	0	18.52	18.37	18.35	19.00
		256QAM	1	0	16.38	16.30	16.27
	1		13	16.24	16.31	16.27	17.00
	1		24	16.34	16.26	16.14	17.00
	12		0	16.65	16.47	16.40	17.00
	12		6	16.51	16.49	16.50	17.00
	12		13	16.54	16.55	16.42	17.00
	25		0	16.48	16.37	16.43	17.00
Bandwidth	Modulation		RB size	RB offset	Channel	Channel	Channel
		37800			38000	38200	
10MHz	QPSK	1	0	21.58	21.39	21.35	22.00
		1	25	21.41	21.30	21.17	22.00
		1	49	21.28	21.21	21.23	22.00
		25	0	20.45	20.50	20.40	21.00
		25	13	20.45	20.45	20.48	21.00
		25	25	20.44	20.32	20.30	21.00
		50	0	20.34	20.33	20.40	21.00
		16QAM	1	0	20.52	20.43	20.28
	1		25	20.32	19.69	20.17	21.00
	1		49	20.41	20.04	20.04	21.00
	25		0	19.65	19.55	19.43	20.00
	25		13	19.57	19.37	19.37	20.00
	25		25	19.51	19.45	19.36	20.00
	50		0	19.51	19.52	19.47	20.00
	64QAM		1	0	19.20	19.11	18.60
		1	25	19.26	18.98	19.08	20.00
		1	49	19.09	19.08	19.02	20.00
		25	0	18.67	18.44	18.40	19.00
		25	13	18.35	18.37	18.50	19.00
		25	25	18.39	18.44	18.39	19.00
		50	0	18.41	18.49	18.33	19.00
		256QAM	1	0	16.38	16.33	16.37



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				37825	38000	38175			
15MHz	QPSK	1	25	16.41	16.17	16.12	17.00		
		1	49	16.24	16.17	16.29	17.00		
		25	0	16.53	16.57	16.58	17.00		
		25	13	16.54	16.48	16.38	17.00		
		25	25	16.55	16.44	16.45	17.00		
		50	0	16.58	16.54	16.33	17.00		
	16QAM	16QAM	1	0	21.56	21.37	21.37	22.00	
			1	38	21.46	21.29	21.30	22.00	
			1	74	21.40	21.33	21.31	22.00	
			36	0	20.62	20.53	20.38	21.00	
			36	18	20.59	20.54	20.45	21.00	
			36	39	20.57	20.40	20.37	21.00	
		16QAM	16QAM	75	0	20.41	20.40	20.43	21.00
				1	0	20.49	20.46	20.45	21.00
				1	38	20.21	19.60	20.12	21.00
				1	74	20.31	19.98	20.12	21.00
				36	0	19.57	19.45	19.36	20.00
				36	18	19.61	19.56	19.50	20.00
	64QAM	64QAM	36	39	19.57	19.49	19.37	20.00	
			75	0	19.42	19.46	19.34	20.00	
			1	0	19.04	19.10	18.60	20.00	
1			38	19.15	18.89	18.98	20.00		
1			74	19.18	19.06	19.04	20.00		
36			0	18.50	18.62	18.45	19.00		
256QAM	256QAM	36	18	18.52	18.47	18.44	19.00		
		36	39	18.42	18.44	18.25	19.00		
		75	0	18.46	18.45	18.32	19.00		
		1	0	16.39	16.41	16.32	17.00		
		1	38	16.41	16.35	16.15	17.00		
		1	74	16.23	16.14	16.27	17.00		
20MHz	QPSK	1	0	Channel	Channel	Channel	Tune up		
				37850	38000	38150			
20MHz	QPSK	1	0	21.50	21.45	21.35	22.00		



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		1	50	21.43	21.31	21.25	22.00
		1	99	21.35	21.27	21.24	22.00
		50	0	20.55	20.52	20.45	21.00
		50	25	20.54	20.45	20.38	21.00
		50	50	20.50	20.38	20.35	21.00
		100	0	20.43	20.43	20.39	21.00
16QAM	1	0	20.50	20.53	20.36	21.00	
	1	50	20.29	19.69	20.07	21.00	
	1	99	20.37	20.01	20.10	21.00	
	50	0	19.55	19.51	19.46	20.00	
	50	25	19.53	19.46	19.40	20.00	
	50	50	19.49	19.40	19.34	20.00	
64QAM	100	0	19.45	19.49	19.42	20.00	
	1	0	19.14	19.09	18.70	20.00	
	1	50	19.20	18.98	19.05	20.00	
	1	99	19.15	19.16	19.03	20.00	
	50	0	18.57	18.53	18.47	19.00	
	50	25	18.45	18.46	18.40	19.00	
256QAM	50	50	18.43	18.41	18.35	19.00	
	100	0	18.45	18.44	18.36	19.00	
	1	0	16.43	16.34	16.29	17.00	
	1	50	16.34	16.26	16.19	17.00	
	1	99	16.27	16.22	16.21	17.00	
	50	0	16.58	16.55	16.48	17.00	
	50	25	16.49	16.50	16.44	17.00	
	50	50	16.54	16.46	16.40	17.00	
	100	0	16.51	16.45	16.40	17.00	

LTE Band 38 Eci3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	17.65	17.52	17.79	18.50
		1	13	17.65	17.72	17.50	18.50
		1	24	17.63	17.49	17.26	18.50
		12	0	17.57	17.77	17.54	18.50
		12	6	17.55	17.59	17.38	18.50
		12	13	17.50	17.47	17.39	18.50
		25	0	17.70	17.71	17.55	18.50



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	16QAM	1	0	17.42	17.55	17.62	18.50
		1	13	17.66	17.72	17.55	18.50
		1	24	17.62	17.47	17.38	18.50
		12	0	17.54	17.75	17.70	18.50
		12	6	17.74	17.71	17.45	18.50
		12	13	17.72	17.72	17.37	18.50
		25	0	17.72	17.58	17.51	18.50
	64QAM	1	0	17.41	17.39	17.38	18.50
		1	13	17.44	17.25	17.19	18.50
		1	24	17.37	16.98	17.12	18.50
		12	0	17.54	17.58	17.76	18.50
		12	6	17.51	17.78	17.55	18.50
		12	13	17.54	17.54	17.29	18.50
		25	0	17.55	17.59	17.49	18.50
	256QAM	1	0	15.95	16.15	15.93	17.00
		1	13	16.02	16.18	15.96	17.00
		1	24	15.87	15.83	15.86	17.00
		12	0	16.03	16.09	16.04	17.00
		12	6	16.17	16.21	16.21	17.00
		12	13	16.16	16.05	15.80	17.00
		25	0	16.06	16.00	16.04	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	17.64	17.66	17.37	18.50
		1	25	17.58	17.54	17.49	18.50
		1	49	17.60	17.42	17.52	18.50
		25	0	17.69	17.73	17.49	18.50
		25	13	17.66	17.86	17.60	18.50
		25	25	17.81	17.56	17.59	18.50
		50	0	17.59	17.72	17.69	18.50
	16QAM	1	0	17.34	17.73	17.67	18.50
		1	25	17.54	17.90	17.42	18.50
		1	49	17.85	17.40	17.32	18.50
		25	0	17.59	17.90	17.64	18.50
		25	13	17.57	17.50	17.41	18.50
		25	25	17.63	17.68	17.50	18.50
		50	0	17.70	17.81	17.41	18.50
	64QAM	1	0	17.30	17.45	17.39	18.50
		1	25	17.10	17.40	17.02	18.50



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		1	49	17.15	17.08	17.15	18.50		
		25	0	17.66	17.54	17.51	18.50		
		25	13	17.76	17.78	17.32	18.50		
		25	25	17.64	17.70	17.55	18.50		
		50	0	17.69	17.64	17.51	18.50		
		256QAM	1	0	15.97	16.15	15.88	17.00	
			1	25	16.01	16.08	15.82	17.00	
			1	49	15.91	15.84	15.91	17.00	
			25	0	16.17	16.37	16.28	17.00	
			25	13	16.16	16.36	16.15	17.00	
			25	25	16.21	16.09	15.97	17.00	
			50	0	16.30	16.12	16.11	17.00	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						37825	38000	38175	
15MHz	QPSK	1	0	17.66	17.69	17.55	18.50		
		1	38	17.58	17.70	17.34	18.50		
		1	74	17.56	17.35	17.40	18.50		
		36	0	17.54	17.64	17.57	18.50		
		36	18	17.56	17.60	17.31	18.50		
		36	39	17.66	17.53	17.55	18.50		
		75	0	17.74	17.69	17.39	18.50		
	16QAM	1	0	17.53	17.60	17.70	18.50		
		1	38	17.51	17.68	17.38	18.50		
		1	74	17.53	17.51	17.46	18.50		
		36	0	17.55	17.96	17.73	18.50		
		36	18	17.76	17.65	17.69	18.50		
		36	39	17.66	17.63	17.38	18.50		
		75	0	17.77	17.70	17.60	18.50		
	64QAM	1	0	17.25	17.22	17.22	18.50		
		1	38	17.23	17.42	17.21	18.50		
		1	74	17.26	17.22	17.06	18.50		
		36	0	17.57	17.70	17.50	18.50		
		36	18	17.60	17.71	17.49	18.50		
		36	39	17.69	17.54	17.48	18.50		
		75	0	17.68	17.69	17.41	18.50		
	256QAM	1	0	16.16	16.07	15.96	17.00		
		1	38	16.01	16.22	15.95	17.00		
		1	74	15.94	15.89	15.73	17.00		
		36	0	16.32	16.31	16.07	17.00		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz		36	18	16.18	16.26	15.92	17.00	
		36	39	16.06	16.12	15.96	17.00	
		75	0	16.03	16.10	15.94	17.00	
	QPSK	1	0	17.70	17.74	17.58	18.50	
		1	50	17.74	17.81	17.58	18.50	
		1	99	17.50	17.47	17.41	18.50	
		50	0	17.59	17.69	17.49	18.50	
		50	25	17.70	17.78	17.62	18.50	
		50	50	17.76	17.59	17.49	18.50	
		100	0	17.72	17.73	17.55	18.50	
		16QAM	1	0	17.56	17.75	17.59	18.50
			1	50	17.69	17.75	17.41	18.50
			1	99	17.82	17.54	17.51	18.50
			50	0	17.73	17.74	17.72	18.50
			50	25	17.67	17.73	17.66	18.50
			50	50	17.78	17.68	17.51	18.50
			100	0	17.69	17.76	17.70	18.50
		64QAM	1	0	17.17	17.37	17.36	18.50
			1	50	17.44	17.27	17.16	18.50
			1	99	17.22	17.21	17.26	18.50
			50	0	17.74	17.75	17.68	18.50
			50	25	17.83	17.60	17.70	18.50
			50	50	17.56	17.60	17.39	18.50
			100	0	17.67	17.57	17.61	18.50
	256QAM	1	0	15.94	16.07	16.00	17.00	
		1	50	15.99	16.17	15.92	17.00	
		1	99	16.08	15.87	15.67	17.00	
		50	0	16.30	16.20	16.25	17.00	
		50	25	16.35	16.19	16.08	17.00	
		50	50	16.35	16.17	15.96	17.00	
		100	0	16.09	16.18	16.07	17.00	



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LTE Band 38 Eci2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	15.67	15.69	15.64	16.50
		1	13	15.70	15.65	15.40	16.50
		1	24	15.73	15.43	15.32	16.50
		12	0	15.60	15.59	15.67	16.50
		12	6	15.76	15.61	15.49	16.50
		12	13	15.59	15.48	15.32	16.50
		25	0	15.67	15.75	15.48	16.50
	16QAM	1	0	15.54	15.63	15.60	16.50
		1	13	15.62	15.67	15.40	16.50
		1	24	15.77	15.56	15.60	16.50
		12	0	15.65	15.68	15.46	16.50
		12	6	15.78	15.58	15.62	16.50
		12	13	15.60	15.68	15.61	16.50
		25	0	15.60	15.84	15.57	16.50
	64QAM	1	0	15.38	15.20	15.22	16.50
		1	13	15.24	15.52	15.14	16.50
		1	24	15.22	15.24	15.22	16.50
		12	0	15.71	15.66	15.48	16.50
		12	6	15.60	15.67	15.64	16.50
		12	13	15.56	15.68	15.43	16.50
		25	0	15.79	15.62	15.66	16.50
	256QAM	1	0	15.51	15.41	15.54	16.50
		1	13	15.49	15.56	15.27	16.50
		1	24	15.34	15.51	15.28	16.50
		12	0	15.66	15.79	15.81	16.50
		12	6	15.73	15.69	15.51	16.50
		12	13	15.62	15.73	15.52	16.50
		25	0	15.58	15.66	15.54	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	15.64	15.83	15.40	16.50
		1	25	15.57	15.61	15.57	16.50
		1	49	15.53	15.44	15.36	16.50
		25	0	15.62	15.62	15.56	16.50



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		25	13	15.57	15.65	15.50	16.50	
		25	25	15.62	15.65	15.54	16.50	
		50	0	15.67	15.77	15.37	16.50	
	16QAM	1	0	15.60	15.71	15.71	16.50	
		1	25	15.61	15.67	15.43	16.50	
		1	49	15.61	15.52	15.56	16.50	
		25	0	15.75	15.82	15.55	16.50	
		25	13	15.57	15.56	15.47	16.50	
		25	25	15.66	15.60	15.56	16.50	
		50	0	15.62	15.69	15.70	16.50	
	64QAM	1	0	15.13	15.14	15.35	16.50	
		1	25	15.16	15.40	15.26	16.50	
		1	49	15.20	15.26	15.08	16.50	
		25	0	15.67	15.73	15.64	16.50	
		25	13	15.64	15.80	15.59	16.50	
		25	25	15.82	15.55	15.44	16.50	
		50	0	15.63	15.60	15.63	16.50	
	256QAM	1	0	15.58	15.46	15.47	16.50	
		1	25	15.56	15.54	15.32	16.50	
		1	49	15.44	15.40	15.30	16.50	
		25	0	15.50	15.57	15.75	16.50	
		25	13	15.79	15.70	15.67	16.50	
		25	25	15.73	15.67	15.40	16.50	
		50	0	15.75	15.65	15.73	16.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
	15MHz	QPSK	1	0	15.48	15.75	15.54	16.50
			1	38	15.53	15.75	15.43	16.50
1			74	15.58	15.50	15.43	16.50	
36			0	15.49	15.79	15.56	16.50	
36			18	15.76	15.64	15.42	16.50	
36			39	15.79	15.52	15.37	16.50	
75			0	15.58	15.53	15.55	16.50	
16QAM		1	0	15.58	15.65	15.58	16.50	
		1	38	15.64	15.55	15.55	16.50	
		1	74	15.73	15.47	15.38	16.50	
		36	0	15.65	15.81	15.60	16.50	
		36	18	15.69	15.55	15.44	16.50	
		36	39	15.54	15.57	15.48	16.50	



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	64QAM	75	0	15.67	15.62	15.64	16.50
		1	0	15.19	15.34	15.43	16.50
		1	38	15.26	15.33	15.01	16.50
		1	74	15.17	15.19	15.14	16.50
		36	0	15.57	15.62	15.62	16.50
		36	18	15.55	15.61	15.63	16.50
		36	39	15.68	15.74	15.62	16.50
	75	0	15.74	15.78	15.59	16.50	
	256QAM	1	0	15.61	15.53	15.55	16.50
		1	38	15.60	15.59	15.31	16.50
		1	74	15.64	15.32	15.24	16.50
		36	0	15.81	15.82	15.56	16.50
		36	18	15.76	15.71	15.61	16.50
		36	39	15.58	15.76	15.58	16.50
75		0	15.58	15.59	15.58	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	15.62	15.72	15.65	16.50
		1	50	15.59	15.70	15.50	16.50
		1	99	15.55	15.50	15.40	16.50
		50	0	15.65	15.79	15.57	16.50
		50	25	15.70	15.60	15.58	16.50
		50	50	15.74	15.49	15.42	16.50
		100	0	15.63	15.70	15.57	16.50
	16QAM	1	0	15.55	15.62	15.59	16.50
		1	50	15.70	15.80	15.46	16.50
		1	99	15.67	15.61	15.49	16.50
		50	0	15.62	15.69	15.57	16.50
		50	25	15.78	15.75	15.56	16.50
		50	50	15.71	15.59	15.50	16.50
		100	0	15.69	15.74	15.60	16.50
	64QAM	1	0	15.22	15.38	15.29	16.50
		1	50	15.40	15.32	15.15	16.50
		1	99	15.16	15.22	15.24	16.50
		50	0	15.62	15.80	15.65	16.50
		50	25	15.68	15.75	15.52	16.50
		50	50	15.79	15.61	15.53	16.50
		100	0	15.70	15.63	15.49	16.50
	256QAM	1	0	15.54	15.58	15.45	16.50



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		1	50	15.53	15.54	15.33	16.50
		1	99	15.56	15.34	15.45	16.50
		50	0	15.65	15.84	15.65	16.50
		50	25	15.80	15.81	15.67	16.50
		50	50	15.75	15.73	15.49	16.50
		100	0	15.74	15.71	15.59	16.50

LTE Band 38 Eci7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	12.63	12.67	12.54	13.50
		1	13	12.70	12.65	12.44	13.50
		1	24	12.63	12.48	12.55	13.50
		12	0	12.53	12.77	12.58	13.50
		12	6	12.77	12.58	12.58	13.50
		12	13	12.54	12.60	12.49	13.50
		25	0	12.63	12.55	12.67	13.50
	16QAM	1	0	12.55	12.49	12.70	13.50
		1	13	12.69	12.76	12.38	13.50
		1	24	12.53	12.53	12.59	13.50
		12	0	12.54	12.80	12.66	13.50
		12	6	12.77	12.72	12.59	13.50
		12	13	12.62	12.58	12.52	13.50
		25	0	12.78	12.54	12.53	13.50
	64QAM	1	0	12.35	12.53	12.42	13.50
		1	13	12.18	12.19	12.27	13.50
		1	24	12.25	12.21	12.12	13.50
		12	0	12.54	12.82	12.63	13.50
		12	6	12.59	12.76	12.47	13.50
		12	13	12.60	12.71	12.39	13.50
		25	0	12.49	12.62	12.43	13.50
	256QAM	1	0	12.40	12.62	12.40	13.50
		1	13	12.54	12.58	12.39	13.50
		1	24	12.51	12.34	12.33	13.50
12		0	12.54	12.68	12.71	13.50	
12		6	12.70	12.82	12.60	13.50	
12		13	12.68	12.63	12.50	13.50	
25		0	12.62	12.78	12.67	13.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	12.71	12.68	12.56	13.50
		1	25	12.72	12.74	12.34	13.50
		1	49	12.55	12.46	12.40	13.50
		25	0	12.60	12.56	12.70	13.50
		25	13	12.70	12.73	12.50	13.50
		25	25	12.57	12.54	12.32	13.50
		50	0	12.51	12.65	12.52	13.50
	16QAM	1	0	12.66	12.55	12.48	13.50
		1	25	12.55	12.68	12.42	13.50
		1	49	12.70	12.54	12.59	13.50
		25	0	12.66	12.67	12.63	13.50
		25	13	12.67	12.61	12.61	13.50
		25	25	12.70	12.53	12.56	13.50
		50	0	12.60	12.77	12.48	13.50
	64QAM	1	0	12.24	12.30	12.30	13.50
		1	25	12.21	12.31	12.27	13.50
		1	49	12.19	12.10	12.02	13.50
		25	0	12.61	12.75	12.59	13.50
		25	13	12.56	12.75	12.49	13.50
		25	25	12.82	12.51	12.41	13.50
		50	0	12.66	12.73	12.53	13.50
	256QAM	1	0	12.44	12.47	12.60	13.50
		1	25	12.50	12.61	12.45	13.50
		1	49	12.50	12.39	12.26	13.50
		25	0	12.56	12.76	12.65	13.50
		25	13	12.70	12.75	12.51	13.50
		25	25	12.79	12.76	12.58	13.50
		50	0	12.59	12.78	12.46	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	12.61	12.71	12.65	13.50
		1	38	12.69	12.66	12.45	13.50
		1	74	12.47	12.44	12.43	13.50
		36	0	12.58	12.70	12.53	13.50
		36	18	12.60	12.55	12.40	13.50
		36	39	12.56	12.54	12.37	13.50
		75	0	12.70	12.66	12.51	13.50



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	16QAM	1	0	12.68	12.51	12.48	13.50
		1	38	12.74	12.59	12.45	13.50
		1	74	12.56	12.60	12.44	13.50
		36	0	12.69	12.66	12.62	13.50
		36	18	12.61	12.57	12.44	13.50
		36	39	12.76	12.46	12.39	13.50
		75	0	12.59	12.72	12.67	13.50
	64QAM	1	0	12.36	12.41	12.28	13.50
		1	38	12.17	12.40	12.25	13.50
		1	74	12.27	12.31	12.03	13.50
		36	0	12.62	12.82	12.50	13.50
		36	18	12.71	12.59	12.48	13.50
		36	39	12.81	12.56	12.46	13.50
		75	0	12.51	12.68	12.40	13.50
	256QAM	1	0	12.42	12.70	12.43	13.50
		1	38	12.45	12.70	12.37	13.50
		1	74	12.55	12.48	12.35	13.50
		36	0	12.57	12.67	12.55	13.50
		36	18	12.61	12.82	12.68	13.50
		36	39	12.84	12.73	12.41	13.50
		75	0	12.72	12.78	12.46	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	12.63	12.70	12.61	13.50
		1	50	12.65	12.69	12.49	13.50
		1	99	12.56	12.49	12.47	13.50
		50	0	12.60	12.70	12.62	13.50
		50	25	12.69	12.67	12.53	13.50
		50	50	12.67	12.59	12.46	13.50
		100	0	12.62	12.65	12.59	13.50
	16QAM	1	0	12.63	12.53	12.63	13.50
		1	50	12.69	12.73	12.46	13.50
		1	99	12.64	12.55	12.52	13.50
		50	0	12.65	12.72	12.65	13.50
		50	25	12.69	12.70	12.55	13.50
		50	50	12.70	12.61	12.54	13.50
		100	0	12.70	12.69	12.60	13.50
	64QAM	1	0	12.37	12.45	12.38	13.50
		1	50	12.29	12.34	12.22	13.50



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256QAM	1	99	12.19	12.23	12.13	13.50
	50	0	12.65	12.77	12.65	13.50
	50	25	12.71	12.71	12.55	13.50
	50	50	12.74	12.65	12.53	13.50
	100	0	12.64	12.65	12.55	13.50
	1	0	12.51	12.62	12.54	13.50
	1	50	12.55	12.63	12.39	13.50
	1	99	12.51	12.43	12.40	13.50
	50	0	12.69	12.78	12.69	13.50
	50	25	12.75	12.75	12.60	13.50
	50	50	12.76	12.71	12.53	13.50
	100	0	12.68	12.70	12.60	13.50

LTE Band 41 PC2 Eci4				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	23.84	23.86	23.71	23.88	23.64	25.00
		1	13	23.61	23.83	23.86	23.73	23.73	25.00
		1	24	23.62	23.62	23.71	23.67	23.89	25.00
		12	0	22.61	22.87	22.68	22.81	22.58	24.00
		12	6	22.52	22.75	22.77	22.78	22.86	24.00
		12	13	22.39	22.53	22.70	22.56	22.39	24.00
		25	0	22.51	22.89	22.74	22.71	22.59	24.00
	16QAM	1	0	22.75	22.85	22.78	22.82	22.48	24.00
		1	13	22.26	23.00	22.96	23.01	22.88	24.00
		1	24	23.09	22.70	22.77	22.72	22.95	24.00
		12	0	22.11	21.73	21.78	21.86	21.58	23.00
		12	6	21.95	21.78	21.88	21.88	21.49	23.00
		12	13	22.19	21.68	21.55	21.64	21.60	23.00
		25	0	22.13	21.73	21.81	21.63	21.60	23.00
	64QAM	1	0	21.31	21.57	21.34	21.53	21.38	23.00
		1	13	21.17	21.61	21.79	21.65	21.41	23.00
		1	24	21.44	21.44	21.36	21.35	21.44	23.00
		12	0	20.56	20.90	20.81	21.00	20.59	22.00
		12	6	20.72	20.71	20.85	20.77	20.56	22.00
		12	13	20.70	20.61	20.67	20.57	20.55	22.00
		25	0	20.75	20.80	20.64	20.60	20.68	22.00
	256QAM	1	0	18.28	18.26	18.19	18.23	18.27	20.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39700	40160	40620	41080	41540		
10MHz	QPSK	1	13	18.32	18.26	18.18	18.11	18.30	20.00	
		1	24	18.40	18.29	18.33	18.47	18.29	20.00	
		12	0	18.44	18.34	18.45	18.28	18.44	20.00	
		12	6	18.46	18.47	18.44	18.49	18.44	20.00	
		12	13	18.38	18.33	18.40	18.36	18.51	20.00	
		25	0	18.32	18.55	18.57	18.45	18.49	20.00	
	16QAM	1	0	23.71	23.87	23.65	23.78	23.65	25.00	
		1	25	23.57	23.94	23.83	23.68	23.58	25.00	
		1	49	23.59	23.58	23.70	23.61	23.93	25.00	
		25	0	22.47	22.80	22.85	22.79	22.61	24.00	
		25	13	22.41	22.76	22.74	22.77	22.85	24.00	
		25	25	22.50	22.44	22.69	22.52	22.42	24.00	
	64QAM	1	0	22.86	22.85	22.85	22.81	22.63	24.00	
		1	25	22.30	23.00	23.01	23.03	22.68	24.00	
		1	49	23.08	22.84	22.74	22.80	22.86	24.00	
		25	0	22.12	21.69	21.88	21.78	21.63	23.00	
		25	13	22.11	21.75	21.72	21.78	21.59	23.00	
		25	25	22.07	21.59	21.66	21.60	21.67	23.00	
	256QAM	1	0	21.20	21.58	21.34	21.48	21.29	23.00	
		1	25	21.32	21.51	21.63	21.70	21.37	23.00	
		1	49	21.47	21.48	21.45	21.42	21.50	23.00	
		25	0	20.64	20.92	20.66	20.86	20.66	22.00	
		25	13	20.63	20.74	20.81	20.74	20.48	22.00	
		25	25	20.65	20.56	20.76	20.68	20.63	22.00	
	15MHz	QPSK	1	0	18.11	18.21	18.26	18.25	18.31	20.00
			1	25	18.16	18.31	18.23	18.23	18.13	20.00
			1	49	18.35	18.28	18.40	18.33	18.35	20.00
			25	0	18.48	18.36	18.56	18.27	18.49	20.00
25			13	18.62	18.50	18.48	18.35	18.37	20.00	
25			25	18.42	18.48	18.30	18.37	18.38	20.00	



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		1	38	23.68	23.92	23.90	23.80	23.56	25.00
		1	74	23.76	23.77	23.61	23.64	23.84	25.00
		36	0	22.51	22.90	22.74	22.70	22.49	24.00
		36	18	22.48	22.75	22.79	22.82	22.86	24.00
		36	39	22.40	22.56	22.72	22.48	22.46	24.00
		75	0	22.54	22.78	22.79	22.70	22.60	24.00
	16QAM	1	0	22.77	23.00	22.72	22.84	22.53	24.00
		1	38	22.19	23.14	22.99	23.09	22.84	24.00
		1	74	23.15	22.68	22.75	22.75	22.85	24.00
		36	0	22.01	21.83	21.84	21.78	21.60	23.00
		36	18	22.01	21.74	21.73	21.89	21.47	23.00
		36	39	22.19	21.64	21.58	21.55	21.54	23.00
		75	0	22.16	21.72	21.71	21.67	21.67	23.00
	64QAM	1	0	21.21	21.49	21.46	21.52	21.44	23.00
		1	38	21.25	21.48	21.73	21.68	21.44	23.00
		1	74	21.49	21.45	21.35	21.53	21.49	23.00
		36	0	20.53	20.85	20.76	20.82	20.69	22.00
		36	18	20.55	20.75	20.81	20.67	20.46	22.00
		36	39	20.66	20.68	20.76	20.54	20.57	22.00
		75	0	20.67	20.96	20.73	20.78	20.71	22.00
	256QAM	1	0	18.22	18.20	18.24	18.35	18.19	20.00
		1	38	18.22	18.32	18.21	18.22	18.26	20.00
		1	74	18.37	18.38	18.50	18.48	18.39	20.00
		36	0	18.32	18.33	18.49	18.21	18.32	20.00
		36	18	18.56	18.50	18.43	18.45	18.52	20.00
		36	39	18.40	18.38	18.45	18.33	18.45	20.00
		75	0	18.29	18.56	18.46	18.44	18.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.79	23.86	23.74	23.83	23.58	25.00
		1	50	23.67	23.88	23.84	23.75	23.65	25.00
		1	99	23.68	23.67	23.70	23.63	23.85	25.00
		50	0	22.57	22.81	22.75	22.77	22.53	24.00
		50	25	22.49	22.78	22.73	22.78	22.77	24.00
		50	50	22.48	22.48	22.64	22.53	22.45	24.00
		100	0	22.49	22.80	22.82	22.77	22.51	24.00
	16QAM	1	0	22.90	22.90	22.79	22.81	22.58	24.00
		1	50	22.28	23.05	22.93	23.02	22.78	24.00
		1	99	23.18	22.75	22.79	22.79	22.92	24.00



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64QAM	50	0	22.03	21.78	21.80	21.83	21.63	23.00
	50	25	22.05	21.84	21.80	21.88	21.53	23.00
	50	50	22.12	21.64	21.62	21.57	21.63	23.00
	100	0	22.08	21.64	21.75	21.57	21.58	23.00
	1	0	21.29	21.51	21.40	21.51	21.34	23.00
	1	50	21.27	21.58	21.73	21.67	21.37	23.00
	1	99	21.39	21.39	21.39	21.44	21.51	23.00
	50	0	20.61	20.83	20.76	20.90	20.69	22.00
	50	25	20.63	20.72	20.79	20.75	20.56	22.00
	50	50	20.69	20.58	20.74	20.62	20.64	22.00
	100	0	20.65	20.90	20.74	20.70	20.69	22.00
	256QAM	1	0	18.19	18.27	18.22	18.25	18.23
1		50	18.26	18.26	18.24	18.18	18.20	20.00
1		99	18.41	18.32	18.41	18.39	18.31	20.00
50		0	18.38	18.39	18.49	18.31	18.39	20.00
50		25	18.55	18.46	18.48	18.40	18.47	20.00
50		50	18.46	18.43	18.37	18.36	18.45	20.00
100		0	18.39	18.47	18.50	18.46	18.40	20.00

LTE Band 41 PC2 Eci3				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	19.76	19.78	20.07	19.68	19.62	21.50
		1	13	19.80	19.83	20.04	19.67	19.51	21.50
		1	24	19.83	19.88	19.79	19.55	19.72	21.50
		12	0	19.69	19.74	19.96	19.71	19.77	21.50
		12	6	19.79	19.81	19.88	19.73	19.67	21.50
		12	13	19.79	19.75	19.85	19.76	19.62	21.50
	16QAM	25	0	19.69	19.93	19.89	19.76	19.57	21.50
		1	0	19.94	19.98	20.11	19.79	19.65	21.50
		1	13	19.98	19.99	20.13	19.84	19.82	21.50
		1	24	20.09	20.22	19.91	19.91	19.87	21.50
		12	0	19.76	19.86	19.91	19.60	19.53	21.50
		12	6	19.75	19.81	20.02	19.63	19.53	21.50
	64QAM	12	13	19.88	19.95	19.88	19.59	19.58	21.50
		25	0	19.93	19.67	19.98	19.58	19.56	21.50
		1	0	19.77	19.75	20.06	19.71	19.57	21.50
		1	13	19.82	19.94	19.88	19.70	19.52	21.50



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		1	24	19.89	20.09	19.76	19.73	19.58	21.50		
		12	0	19.69	19.81	19.90	19.65	19.55	21.50		
		12	6	19.77	19.75	20.01	19.78	19.93	21.50		
		12	13	19.92	19.86	19.84	19.78	19.77	21.50		
		25	0	19.80	19.79	19.97	19.81	19.57	21.50		
		256QAM	1	0	19.28	19.40	19.63	19.01	18.98	20.00	
			1	13	19.34	19.34	19.44	19.08	18.97	20.00	
			1	24	19.35	19.42	19.40	19.15	19.12	20.00	
			12	0	19.20	19.14	19.55	19.24	19.19	20.00	
			12	6	19.39	19.45	19.45	19.24	19.21	20.00	
			12	13	19.37	19.50	19.52	19.14	19.07	20.00	
			25	0	19.41	19.36	19.58	19.12	19.20	20.00	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
						39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.78	19.78	19.96	19.53	19.69	21.50		
		1	25	19.72	19.75	20.01	19.57	19.62	21.50		
		1	49	19.94	19.86	19.69	19.59	19.70	21.50		
		25	0	19.61	19.67	20.03	19.78	19.60	21.50		
		25	13	19.74	19.92	19.96	19.87	19.68	21.50		
		25	25	19.81	19.77	19.78	19.64	19.52	21.50		
		50	0	19.79	19.76	19.90	19.63	19.57	21.50		
	16QAM	1	0	19.89	20.04	20.12	19.91	19.84	21.50		
		1	25	20.10	20.05	20.10	19.89	19.86	21.50		
		1	49	20.09	20.08	20.06	19.88	19.90	21.50		
		25	0	19.80	19.83	20.07	19.53	19.79	21.50		
		25	13	19.74	19.75	19.88	19.64	19.78	21.50		
		25	25	19.80	20.04	19.81	19.62	19.63	21.50		
		50	0	19.77	19.73	20.07	19.68	19.59	21.50		
	64QAM	1	0	19.81	19.84	19.95	19.60	19.53	21.50		
		1	25	19.73	19.93	19.95	19.89	19.65	21.50		
		1	49	20.06	20.07	19.88	19.67	19.61	21.50		
		25	0	19.75	19.74	20.03	19.52	19.75	21.50		
		25	13	19.76	19.76	19.95	19.52	19.58	21.50		
		25	25	19.77	19.70	19.97	19.62	19.60	21.50		
		50	0	19.86	19.66	19.83	19.77	19.77	21.50		
	256QAM	1	0	19.26	19.31	19.65	18.99	19.08	20.00		
		1	25	19.31	19.35	19.59	19.10	18.98	20.00		
		1	49	19.45	19.49	19.34	19.03	19.05	20.00		
		25	0	19.32	19.13	19.49	19.26	19.22	20.00		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	25	13	19.31	19.43	19.55	19.24	19.20	20.00	
		25	25	19.49	19.47	19.40	19.14	19.17	20.00	
		50	0	19.37	19.34	19.51	19.22	19.14	20.00	
	16QAM	QPSK	1	0	19.89	19.76	19.99	19.54	19.70	21.50
			1	38	19.75	19.90	19.89	19.57	19.61	21.50
			1	74	19.82	19.80	19.77	19.52	19.63	21.50
			36	0	19.75	19.84	19.99	19.78	19.54	21.50
			36	18	19.82	19.81	19.87	19.72	19.58	21.50
			36	39	19.94	19.75	19.80	19.55	19.75	21.50
			75	0	19.87	19.74	19.97	19.62	19.53	21.50
		16QAM	1	0	20.07	20.02	20.23	19.87	19.67	21.50
			1	38	19.91	20.06	20.26	19.69	19.81	21.50
			1	74	20.03	20.09	20.02	19.86	19.74	21.50
			36	0	19.68	19.77	20.10	19.75	19.67	21.50
			36	18	19.87	19.77	19.95	19.53	19.68	21.50
			36	39	19.84	19.87	19.92	19.61	19.63	21.50
			75	0	19.81	19.67	20.00	19.57	19.67	21.50
		64QAM	1	0	19.76	19.75	20.09	19.75	19.60	21.50
			1	38	19.78	19.96	19.88	19.82	19.50	21.50
			1	74	19.91	19.95	19.77	19.71	19.73	21.50
			36	0	19.72	19.87	19.93	19.62	19.50	21.50
			36	18	19.67	19.85	19.97	19.64	19.52	21.50
			36	39	19.81	19.72	19.89	19.61	19.56	21.50
			75	0	19.90	19.75	19.91	19.83	19.55	21.50
256QAM	1	0	19.37	19.29	19.64	18.98	19.08	20.00		
	1	38	19.24	19.43	19.55	19.11	19.06	20.00		
	1	74	19.35	19.42	19.41	19.08	19.03	20.00		
	36	0	19.38	19.23	19.67	19.11	19.23	20.00		
	36	18	19.37	19.48	19.50	19.24	19.22	20.00		
	36	39	19.49	19.48	19.49	19.11	19.07	20.00		
	75	0	19.41	19.34	19.56	19.15	19.10	20.00		
20MHz	QPSK	1	0	19.81	19.79	20.03	19.61	19.61	21.50	
		1	50	19.78	19.81	19.97	19.66	19.59	21.50	
1		99	19.89	19.85	19.79	19.61	19.63	21.50		
50		0	19.70	19.74	19.96	19.76	19.51	21.50		



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		50	25	19.81	19.82	19.93	19.79	19.58	21.50
		50	50	19.84	19.78	19.85	19.56	19.54	21.50
		100	0	19.79	19.83	19.94	19.53	19.54	21.50
	16QAM	1	0	19.97	20.04	20.21	19.83	19.74	21.50
		1	50	20.00	20.07	20.18	19.79	19.76	21.50
		1	99	20.11	20.16	20.01	19.91	19.83	21.50
		50	0	19.70	19.77	20.00	19.54	19.57	21.50
		50	25	19.81	19.81	19.93	19.55	19.58	21.50
		50	50	19.85	19.95	19.89	19.60	19.56	21.50
	64QAM	100	0	19.84	19.77	19.97	19.65	19.60	21.50
		1	0	19.84	19.82	20.02	19.50	19.56	21.50
		1	50	19.81	19.91	19.98	19.79	19.56	21.50
		1	99	19.96	20.05	19.84	19.66	19.64	21.50
		50	0	19.70	19.77	20.00	19.60	19.55	21.50
		50	25	19.76	19.81	19.94	19.56	19.58	21.50
	256QAM	50	50	19.82	19.79	19.90	19.55	19.55	21.50
		100	0	19.80	19.70	19.91	19.79	19.54	21.50
		1	0	19.32	19.33	19.56	18.97	19.03	20.00
		1	50	19.30	19.35	19.52	19.11	19.05	20.00
		1	99	19.44	19.39	19.32	19.09	19.10	20.00
		50	0	19.30	19.23	19.58	19.16	19.14	20.00
		50	25	19.39	19.46	19.53	19.21	19.17	20.00
		50	50	19.46	19.50	19.47	19.14	19.16	20.00
		100	0	19.35	19.35	19.48	19.12	19.13	20.00

LTE Band 41 PC2 Eci2				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	18.50	18.40	18.72	18.15	18.25	19.50
		1	13	18.43	18.44	18.67	18.14	18.27	19.50
		1	24	18.63	18.49	18.52	18.32	18.36	19.50
		12	0	18.46	18.52	18.62	18.09	18.20	19.50
		12	6	18.49	18.34	18.68	18.26	18.15	19.50
		12	13	18.55	18.61	18.49	18.11	18.11	19.50
	16QAM	25	0	18.52	18.51	18.55	18.24	18.33	19.50
		1	0	18.72	18.83	18.84	18.44	18.35	19.50
		1	13	18.75	18.57	18.78	18.55	18.49	19.50
		1	24	18.89	18.98	18.72	18.39	18.40	19.50



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		12	0	18.46	18.44	18.69	18.24	18.20	19.50
		12	6	18.48	18.35	18.63	18.18	18.32	19.50
		12	13	18.49	18.48	18.58	18.10	18.16	19.50
		25	0	18.41	18.53	18.55	18.33	18.20	19.50
	64QAM	1	0	18.40	18.50	18.80	18.31	18.18	19.50
		1	13	18.49	18.45	18.72	18.10	18.17	19.50
		1	24	18.62	18.48	18.51	18.18	18.30	19.50
		12	0	18.37	18.46	18.73	18.22	18.22	19.50
		12	6	18.40	18.51	18.68	18.17	18.19	19.50
		12	13	18.50	18.57	18.49	18.29	18.28	19.50
		25	0	18.57	18.46	18.60	18.33	18.13	19.50
	256QAM	1	0	18.48	18.41	18.57	18.15	18.25	19.50
		1	13	18.45	18.51	18.59	18.59	18.17	19.50
		1	24	18.64	18.49	18.49	18.36	18.13	19.50
		12	0	18.46	18.38	18.63	18.30	18.18	19.50
		12	6	18.41	18.65	18.77	18.35	18.35	19.50
		12	13	18.55	18.47	18.68	18.17	18.24	19.50
		25	0	18.54	18.46	18.63	18.38	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.58	18.34	18.65	18.16	18.30	19.50
		1	25	18.34	18.51	18.61	18.14	18.27	19.50
		1	49	18.59	18.61	18.52	18.46	18.31	19.50
		25	0	18.48	18.46	18.56	18.07	18.17	19.50
		25	13	18.55	18.43	18.68	18.16	18.30	19.50
		25	25	18.42	18.65	18.55	18.17	18.21	19.50
		50	0	18.42	18.44	18.58	18.07	18.22	19.50
	16QAM	1	0	18.72	18.69	18.85	18.43	18.35	19.50
		1	25	18.63	18.53	18.88	18.53	18.32	19.50
		1	49	18.78	18.98	18.77	18.33	18.55	19.50
		25	0	18.28	18.33	18.70	18.40	18.24	19.50
		25	13	18.47	18.42	18.68	18.19	18.30	19.50
		25	25	18.52	18.39	18.63	18.22	18.14	19.50
		50	0	18.47	18.47	18.66	18.34	18.34	19.50
	64QAM	1	0	18.56	18.54	18.72	18.37	18.34	19.50
		1	25	18.55	18.53	18.80	18.10	18.32	19.50
		1	49	18.56	18.46	18.55	18.20	18.28	19.50
		25	0	18.35	18.40	18.58	18.25	18.25	19.50
		25	13	18.40	18.57	18.65	18.17	18.32	19.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	256QAM	25	25	18.62	18.68	18.53	18.31	18.23	19.50
		50	0	18.57	18.53	18.64	18.30	18.15	19.50
		1	0	18.53	18.49	18.67	18.10	18.15	19.50
		1	25	18.48	18.45	18.71	18.07	18.09	19.50
		1	49	18.60	18.68	18.43	18.40	18.32	19.50
		25	0	18.31	18.39	18.64	18.28	18.20	19.50
		25	13	18.54	18.67	18.72	18.44	18.40	19.50
		25	25	18.61	18.57	18.59	18.22	18.24	19.50
	50	0	18.46	18.55	18.68	18.19	18.34	19.50	
	QPSK	1	0	18.42	18.36	18.75	18.28	18.23	19.50
			38	18.38	18.50	18.74	18.32	18.22	19.50
			74	18.62	18.59	18.56	18.38	18.34	19.50
			0	18.45	18.47	18.59	18.09	18.25	19.50
			18	18.44	18.41	18.64	18.13	18.30	19.50
			39	18.55	18.66	18.58	18.13	18.24	19.50
			0	18.45	18.57	18.58	18.21	18.35	19.50
		36	0	18.72	18.83	18.83	18.62	18.48	19.50
			38	18.73	18.67	18.80	18.48	18.47	19.50
			74	18.75	18.95	18.75	18.39	18.43	19.50
			0	18.30	18.30	18.79	18.25	18.20	19.50
			18	18.34	18.34	18.69	18.20	18.31	19.50
			39	18.59	18.53	18.48	18.25	18.24	19.50
			0	18.43	18.50	18.72	18.33	18.33	19.50
		64QAM	0	18.48	18.47	18.71	18.25	18.29	19.50
			38	18.51	18.46	18.79	18.24	18.21	19.50
			74	18.45	18.48	18.54	18.31	18.30	19.50
			0	18.38	18.35	18.57	18.13	18.20	19.50
			18	18.51	18.66	18.70	18.33	18.37	19.50
			39	18.52	18.65	18.55	18.22	18.33	19.50
			0	18.57	18.44	18.64	18.20	18.24	19.50
256QAM		0	18.42	18.49	18.55	18.20	18.07	19.50	
		38	18.47	18.59	18.53	18.04	18.25	19.50	
		74	18.59	18.67	18.43	18.32	18.21	19.50	
	0	18.43	18.21	18.64	18.31	18.31	19.50		
	18	18.46	18.57	18.65	18.31	18.20	19.50		
	39	18.51	18.59	18.57	18.19	18.27	19.50		
	0	18.40	18.48	18.68	18.26	18.33	19.50		



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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	18.57	18.43	18.63	18.23	18.27	19.50	
		1	50	18.44	18.44	18.64	18.24	18.27	19.50	
		1	99	18.55	18.56	18.48	18.41	18.33	19.50	
		50	0	18.39	18.44	18.63	18.16	18.22	19.50	
		50	25	18.48	18.38	18.60	18.17	18.25	19.50	
		50	50	18.52	18.62	18.50	18.20	18.21	19.50	
	16QAM	1	0	18.71	18.76	18.90	18.53	18.43	19.50	
		1	50	18.70	18.60	18.86	18.49	18.42	19.50	
		1	99	18.83	18.92	18.71	18.39	18.48	19.50	
		50	0	18.38	18.35	18.70	18.30	18.23	19.50	
		50	25	18.44	18.36	18.66	18.22	18.25	19.50	
		50	50	18.51	18.44	18.56	18.18	18.24	19.50	
	64QAM	1	0	18.47	18.44	18.70	18.29	18.24	19.50	
		1	50	18.45	18.43	18.72	18.19	18.25	19.50	
		1	99	18.52	18.52	18.53	18.26	18.29	19.50	
		50	0	18.40	18.36	18.67	18.22	18.23	19.50	
		50	25	18.49	18.58	18.64	18.25	18.27	19.50	
		50	50	18.56	18.64	18.56	18.28	18.23	19.50	
	256QAM	1	0	18.45	18.43	18.65	18.12	18.15	19.50	
		1	50	18.44	18.53	18.63	18.06	18.16	19.50	
		1	99	18.57	18.59	18.48	18.32	18.22	19.50	
		50	0	18.40	18.31	18.69	18.23	18.26	19.50	
		50	25	18.50	18.60	18.70	18.39	18.30	19.50	
		50	50	18.58	18.49	18.60	18.20	18.28	19.50	
			100	0	18.46	18.49	18.62	18.29	18.25	19.50

LTE Band 41 PC2 Eci7				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
5MHz	QPSK	1	0	16.49	16.33	16.57	16.19	16.20	17.50
		1	13	16.34	16.46	16.77	16.26	16.14	17.50
		1	24	16.74	16.56	16.45	16.25	16.28	17.50
		12	0	16.52	16.36	16.65	16.26	16.32	17.50



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		12	6	16.51	16.45	16.55	16.19	16.34	17.50
		12	13	16.51	16.42	16.56	16.31	16.34	17.50
		25	0	16.38	16.40	16.72	16.24	16.36	17.50
	16QAM	1	0	16.43	16.53	16.70	16.39	16.31	17.50
		1	13	16.64	16.79	17.02	16.54	16.35	17.50
		1	24	16.70	16.90	16.69	16.47	16.70	17.50
		12	0	16.34	16.30	16.54	16.34	16.40	17.50
		12	6	16.53	16.50	16.58	16.30	16.14	17.50
		12	13	16.45	16.63	16.62	16.20	16.30	17.50
		25	0	16.37	16.42	16.71	16.28	16.36	17.50
	64QAM	1	0	16.48	16.44	16.75	16.36	16.07	17.50
		1	13	16.65	16.42	16.63	16.29	16.23	17.50
		1	24	16.60	16.70	16.37	16.24	16.31	17.50
		12	0	16.51	16.37	16.72	16.23	16.29	17.50
		12	6	16.37	16.49	16.58	16.30	16.36	17.50
		12	13	16.59	16.52	16.53	16.24	16.28	17.50
		25	0	16.47	16.55	16.50	16.33	16.09	17.50
	256QAM	1	0	16.38	16.45	16.53	16.26	16.19	17.50
		1	13	16.42	16.53	16.73	16.13	16.15	17.50
		1	24	16.50	16.68	16.46	16.36	16.23	17.50
		12	0	16.44	16.43	16.79	16.31	16.28	17.50
		12	6	16.53	16.54	16.74	16.36	16.36	17.50
		12	13	16.48	16.53	16.47	16.35	16.32	17.50
		25	0	16.55	16.47	16.53	16.32	16.34	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
39700					40160	40620	41080	41540	
10MHz	QPSK	1	0	16.55	16.40	16.63	16.31	16.15	17.50
		1	25	16.37	16.39	16.66	16.27	16.26	17.50
		1	49	16.77	16.60	16.44	16.33	16.36	17.50
		25	0	16.43	16.31	16.61	16.14	16.35	17.50
		25	13	16.48	16.54	16.59	16.35	16.37	17.50
		25	25	16.49	16.41	16.62	16.23	16.20	17.50
		50	0	16.37	16.45	16.66	16.21	16.24	17.50
	16QAM	1	0	16.50	16.40	16.77	16.53	16.38	17.50
		1	25	16.81	16.79	16.83	16.39	16.35	17.50
		1	49	16.80	16.76	16.68	16.51	16.56	17.50
		25	0	16.38	16.47	16.61	16.26	16.42	17.50
		25	13	16.57	16.50	16.51	16.39	16.22	17.50
		25	25	16.61	16.44	16.53	16.26	16.37	17.50



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		50	0	16.50	16.52	16.63	16.22	16.40	17.50
	64QAM	1	0	16.53	16.56	16.73	16.22	16.17	17.50
		1	25	16.50	16.42	16.68	16.34	16.32	17.50
		1	49	16.53	16.58	16.38	16.39	16.34	17.50
		25	0	16.56	16.35	16.64	16.24	16.26	17.50
		25	13	16.49	16.52	16.75	16.18	16.28	17.50
		25	25	16.58	16.52	16.54	16.25	16.28	17.50
		50	0	16.54	16.50	16.48	16.16	16.26	17.50
		256QAM	1	0	16.38	16.39	16.56	16.28	16.37
	1		25	16.50	16.38	16.63	16.26	16.08	17.50
	1		49	16.63	16.65	16.37	16.38	16.16	17.50
	25		0	16.34	16.47	16.79	16.22	16.30	17.50
	25		13	16.50	16.43	16.77	16.22	16.38	17.50
	25		25	16.57	16.70	16.47	16.31	16.32	17.50
	50		0	16.60	16.43	16.51	16.23	16.25	17.50
Bandwidth	Modulation		RB size	RB offset	Channel	Channel	Channel	Channel	Channel
		39725			40173	40620	41068	41515	
15MHz	QPSK	1	0	16.38	16.29	16.61	16.32	16.16	17.50
		1	38	16.46	16.43	16.70	16.25	16.30	17.50
		1	74	16.66	16.55	16.59	16.41	16.35	17.50
		36	0	16.51	16.40	16.69	16.30	16.33	17.50
		36	18	16.42	16.43	16.53	16.27	16.23	17.50
		36	39	16.58	16.56	16.62	16.30	16.32	17.50
		75	0	16.44	16.46	16.63	16.17	16.35	17.50
		16QAM	1	0	16.47	16.49	16.74	16.46	16.43
	1		38	16.67	16.61	16.84	16.36	16.37	17.50
	1		74	16.83	16.70	16.73	16.42	16.66	17.50
	36		0	16.36	16.44	16.62	16.36	16.26	17.50
	36		18	16.56	16.50	16.52	16.29	16.20	17.50
	36		39	16.60	16.52	16.59	16.27	16.44	17.50
	75		0	16.35	16.59	16.63	16.21	16.39	17.50
	64QAM		1	0	16.54	16.58	16.78	16.29	16.20
		1	38	16.56	16.60	16.62	16.18	16.29	17.50
		1	74	16.68	16.67	16.43	16.41	16.26	17.50
		36	0	16.43	16.47	16.79	16.19	16.32	17.50
		36	18	16.48	16.41	16.70	16.18	16.37	17.50
		36	39	16.69	16.65	16.45	16.22	16.19	17.50
		75	0	16.60	16.57	16.61	16.23	16.28	17.50
		256QAM	1	0	16.33	16.40	16.68	16.20	16.22



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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	38	16.52	16.35	16.74	16.18	16.15	17.50
		1	74	16.53	16.58	16.36	16.23	16.26	17.50
		36	0	16.46	16.45	16.66	16.36	16.15	17.50
		36	18	16.52	16.56	16.83	16.22	16.46	17.50
		36	39	16.61	16.68	16.54	16.44	16.50	17.50
		75	0	16.61	16.57	16.61	16.21	16.28	17.50
	16QAM	1	0	16.45	16.37	16.64	16.29	16.25	17.50
		1	50	16.42	16.49	16.69	16.28	16.21	17.50
		1	99	16.68	16.58	16.50	16.32	16.37	17.50
		50	0	16.42	16.40	16.67	16.22	16.29	17.50
		50	25	16.47	16.48	16.52	16.25	16.27	17.50
		50	50	16.52	16.51	16.55	16.22	16.28	17.50
	64QAM	100	0	16.44	16.46	16.65	16.27	16.31	17.50
		1	0	16.53	16.45	16.79	16.43	16.34	17.50
		1	50	16.72	16.70	16.92	16.44	16.42	17.50
		1	99	16.78	16.80	16.70	16.50	16.60	17.50
		50	0	16.36	16.38	16.60	16.27	16.34	17.50
		50	25	16.49	16.47	16.57	16.31	16.22	17.50
	256QAM	50	50	16.53	16.53	16.54	16.27	16.36	17.50
		100	0	16.44	16.50	16.65	16.30	16.40	17.50
		1	0	16.56	16.50	16.82	16.27	16.17	17.50
		1	50	16.58	16.50	16.65	16.28	16.26	17.50
		1	99	16.59	16.63	16.42	16.32	16.33	17.50
		50	0	16.46	16.40	16.70	16.25	16.32	17.50
	256QAM	50	25	16.44	16.49	16.67	16.28	16.28	17.50
		50	50	16.61	16.55	16.52	16.27	16.20	17.50
		100	0	16.51	16.50	16.55	16.24	16.19	17.50
		1	0	16.40	16.45	16.58	16.20	16.29	17.50
		1	50	16.52	16.43	16.73	16.23	16.18	17.50
		1	99	16.53	16.58	16.46	16.28	16.26	17.50

LTE Band 41 PC2 Eci6	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.06	21.07	21.29	20.95	20.95	22.00
		1	13	21.05	21.07	21.22	20.98	20.85	22.00
		1	24	21.16	21.15	21.08	20.90	20.94	22.00
		12	0	21.01	21.01	21.31	20.75	20.76	22.00
		12	6	21.12	21.14	21.20	20.75	20.89	22.00
		12	13	21.10	21.06	21.16	20.86	20.81	22.00
		25	0	21.13	21.17	21.29	20.79	20.86	22.00
	16QAM	1	0	21.32	21.34	21.54	21.15	21.00	22.00
		1	13	21.35	21.38	21.43	21.05	21.10	22.00
		1	24	21.41	21.41	21.31	21.19	21.10	22.00
		12	0	20.95	21.02	21.35	20.85	20.85	22.00
		12	6	21.06	21.12	21.23	20.86	20.86	22.00
		12	13	21.20	21.30	21.16	20.93	20.90	22.00
		25	0	21.16	21.05	21.27	20.91	20.92	22.00
	64QAM	1	0	21.12	21.07	21.37	20.76	20.88	22.00
		1	13	21.16	21.24	21.29	20.79	20.90	22.00
		1	24	21.27	21.40	21.13	20.98	20.89	22.00
		12	0	21.03	21.03	21.27	20.94	20.86	22.00
		12	6	21.11	21.08	21.21	20.84	20.83	22.00
		12	13	21.13	21.08	21.25	20.84	20.81	22.00
		25	0	21.07	20.96	21.24	20.81	20.87	22.00
	256QAM	1	0	18.97	18.98	19.22	18.58	18.77	20.00
		1	13	18.90	18.97	19.19	18.77	18.75	20.00
		1	24	19.24	19.18	19.11	18.82	18.76	20.00
		12	0	19.04	19.00	19.32	18.95	18.87	20.00
		12	6	19.14	19.15	19.31	18.97	18.79	20.00
		12	13	19.14	19.13	19.27	18.84	18.88	20.00
		25	0	18.97	18.97	19.13	18.83	18.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.08	21.05	21.37	20.95	20.96	22.00
		1	25	21.11	21.08	21.28	21.01	20.94	22.00
		1	49	21.14	21.15	21.10	20.89	20.96	22.00
		25	0	21.01	21.02	21.21	20.81	20.76	22.00
		25	13	21.15	21.12	21.23	20.79	20.84	22.00
		25	25	21.09	21.04	21.19	20.82	20.88	22.00
		50	0	21.05	21.18	21.25	20.78	20.88	22.00
		39700	40160	40620	41080	41540			



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	16QAM	1	0	21.26	21.29	21.55	21.09	21.08	22.00
		1	25	21.28	21.35	21.50	21.10	21.09	22.00
		1	49	21.38	21.45	21.27	21.26	21.10	22.00
		25	0	20.98	21.04	21.33	20.82	20.82	22.00
		25	13	21.07	21.16	21.21	20.86	20.85	22.00
		25	25	21.14	21.20	21.23	20.85	20.82	22.00
		50	0	21.18	21.08	21.23	20.98	20.87	22.00
	64QAM	1	0	21.19	21.12	21.29	20.77	20.81	22.00
		1	25	21.10	21.21	21.27	20.81	20.87	22.00
		1	49	21.26	21.32	21.17	21.00	20.90	22.00
		25	0	21.04	21.08	21.32	20.93	20.89	22.00
		25	13	21.05	21.06	21.24	20.83	20.86	22.00
		25	25	21.09	21.08	21.25	20.89	20.81	22.00
		50	0	21.10	21.04	21.16	20.75	20.89	22.00
	256QAM	1	0	19.02	19.02	19.35	18.60	18.72	20.00
		1	25	18.95	19.00	19.31	18.84	18.78	20.00
		1	49	19.24	19.13	18.92	18.88	18.88	20.00
		25	0	18.97	18.96	19.18	18.96	18.78	20.00
		25	13	19.02	19.13	19.20	18.81	18.83	20.00
		25	25	19.08	19.24	19.20	18.74	18.81	20.00
		50	0	18.97	19.03	19.22	18.79	18.76	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.14	21.05	21.37	20.90	20.94	22.00
		1	38	21.09	21.14	21.23	20.91	20.94	22.00
		1	74	21.21	21.11	21.09	20.88	20.98	22.00
		36	0	21.04	21.05	21.26	20.74	20.77	22.00
		36	18	21.16	21.09	21.18	20.78	20.86	22.00
		36	39	21.13	21.05	21.17	20.91	20.79	22.00
		75	0	21.07	21.16	21.22	20.85	20.86	22.00
	16QAM	1	0	21.25	21.37	21.47	21.08	21.03	22.00
		1	38	21.30	21.42	21.53	21.07	21.09	22.00
		1	74	21.46	21.41	21.27	21.21	21.10	22.00
		36	0	20.99	21.09	21.29	20.84	20.87	22.00
		36	18	21.07	21.15	21.22	20.85	20.85	22.00
		36	39	21.13	21.21	21.20	20.91	20.81	22.00
		75	0	21.19	21.05	21.30	20.98	20.95	22.00
	64QAM	1	0	21.18	21.16	21.33	20.84	20.88	22.00
		1	38	21.13	21.24	21.29	20.75	20.84	22.00



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		1	74	21.28	21.32	21.17	21.01	20.93	22.00
		36	0	21.02	21.04	21.29	20.94	20.88	22.00
		36	18	21.10	21.13	21.26	20.81	20.91	22.00
		36	39	21.13	21.06	21.25	20.84	20.89	22.00
		75	0	21.15	21.05	21.25	20.80	20.89	22.00
	256QAM	1	0	18.99	18.98	19.24	18.74	18.83	20.00
		1	38	19.02	18.96	19.29	18.85	18.67	20.00
		1	74	19.20	19.15	19.10	18.82	18.85	20.00
		36	0	19.07	18.96	19.32	18.85	18.86	20.00
		36	18	19.18	19.22	19.22	18.89	18.95	20.00
		36	39	19.25	19.21	19.12	18.77	18.82	20.00
		75	0	19.05	19.12	19.08	18.80	18.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.12	21.13	21.32	20.92	20.88	22.00
		1	50	21.08	21.11	21.27	20.92	20.94	22.00
		1	99	21.19	21.19	21.13	20.95	20.94	22.00
		50	0	20.99	21.08	21.28	20.79	20.81	22.00
		50	25	21.11	21.13	21.28	20.78	20.89	22.00
		50	50	21.10	21.12	21.12	20.83	20.82	22.00
		100	0	21.13	21.10	21.26	20.79	20.79	22.00
	16QAM	1	0	21.30	21.31	21.47	21.09	21.02	22.00
		1	50	21.34	21.37	21.45	21.10	21.01	22.00
		1	99	21.39	21.44	21.26	21.20	21.12	22.00
		50	0	20.98	21.03	21.31	20.86	20.92	22.00
		50	25	21.14	21.09	21.28	20.80	20.83	22.00
		50	50	21.16	21.24	21.16	20.85	20.81	22.00
		100	0	21.17	21.05	21.24	20.98	20.85	22.00
	64QAM	1	0	21.19	21.13	21.34	20.78	20.85	22.00
		1	50	21.07	21.24	21.23	20.78	20.86	22.00
		1	99	21.26	21.36	21.12	20.91	20.96	22.00
		50	0	20.98	21.11	21.26	20.85	20.85	22.00
		50	25	21.05	21.06	21.29	20.85	20.90	22.00
		50	50	21.14	21.09	21.17	20.81	20.82	22.00
		100	0	21.06	20.98	21.16	20.78	20.86	22.00
	256QAM	1	0	19.02	19.03	19.26	18.67	18.73	20.00
		1	50	19.00	19.05	19.22	18.81	18.75	20.00
		1	99	19.14	19.09	19.02	18.79	18.80	20.00
		50	0	19.00	18.93	19.28	18.86	18.84	20.00



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		50	25	19.09	19.16	19.23	18.91	18.87	20.00
		50	50	19.16	19.20	19.17	18.84	18.86	20.00
		100	0	19.05	19.05	19.18	18.82	18.83	20.00

LTE Band 41 PC3 Eci4				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	20.95	21.11	20.86	20.95	20.79	22.00
		1	13	20.98	21.08	21.04	21.02	20.79	22.00
		1	24	20.90	20.87	20.88	20.85	21.09	22.00
		12	0	19.73	20.04	19.87	19.91	19.83	21.00
		12	6	19.63	20.08	19.89	19.89	20.02	21.00
		12	13	19.69	19.74	19.78	19.77	19.64	21.00
	16QAM	25	0	19.66	20.03	19.94	20.03	19.75	21.00
		1	0	19.87	20.17	20.09	20.08	19.88	21.00
		1	13	19.43	20.29	20.08	20.22	20.02	21.00
		1	24	20.44	19.91	19.97	20.02	20.14	21.00
		12	0	19.29	19.01	19.01	18.94	18.76	20.00
		12	6	19.20	19.06	19.06	19.12	18.81	20.00
	64QAM	12	13	19.43	18.92	18.84	18.88	18.88	20.00
		25	0	19.33	18.80	18.89	18.79	18.82	20.00
		1	0	18.41	18.75	18.68	18.72	18.50	20.00
		1	13	18.52	18.72	18.91	18.78	18.56	20.00
		1	24	18.61	18.63	18.63	18.57	18.62	20.00
		12	0	17.83	18.11	17.90	18.06	17.88	19.00
	256QAM	12	6	17.93	17.97	18.06	17.94	17.74	19.00
		12	13	17.84	17.87	18.01	17.79	17.85	19.00
		25	0	17.79	18.04	17.99	17.84	17.94	19.00
		1	0	15.46	15.49	15.51	15.51	15.39	17.00
		1	13	15.37	15.51	15.41	15.47	15.39	17.00
		1	24	15.70	15.54	15.70	15.53	15.44	17.00
	12	0	15.65	15.61	15.71	15.51	15.57	17.00	
	12	6	15.78	15.72	15.73	15.69	15.60	17.00	
	12	13	15.58	15.69	15.53	15.58	15.65	17.00	
	25	0	15.67	15.67	15.68	15.77	15.64	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	39700	40160	40620	41080	41540	22.00
				20.95	21.16	20.99	21.08	20.81	22.00



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		1	25	20.92	21.16	20.95	20.86	20.76	22.00
		1	49	20.91	20.94	20.89	20.82	21.14	22.00
		25	0	19.69	19.94	20.04	19.94	19.71	21.00
		25	13	19.65	19.91	20.03	19.91	20.07	21.00
		25	25	19.59	19.76	19.85	19.67	19.59	21.00
		50	0	19.73	19.91	20.02	20.08	19.77	21.00
	16QAM	1	0	19.84	20.06	20.07	19.95	19.84	21.00
		1	25	19.45	20.22	20.09	20.27	20.05	21.00
		1	49	20.41	20.01	19.95	20.05	20.15	21.00
		25	0	19.27	18.94	18.93	19.06	18.86	20.00
		25	13	19.29	18.96	19.05	19.17	18.70	20.00
		25	25	19.41	18.80	18.76	18.69	18.90	20.00
	64QAM	50	0	19.34	18.92	18.94	18.81	18.69	20.00
		1	0	18.50	18.78	18.60	18.62	18.64	20.00
		1	25	18.38	18.83	18.94	18.92	18.66	20.00
		1	49	18.65	18.68	18.50	18.73	18.64	20.00
		25	0	17.80	18.12	17.92	18.19	17.87	19.00
		25	13	17.92	18.00	18.07	18.06	17.68	19.00
	256QAM	25	25	17.98	17.83	17.92	17.92	17.93	19.00
		50	0	17.91	18.18	18.00	17.97	17.89	19.00
		1	0	15.37	15.46	15.42	15.46	15.48	17.00
		1	25	15.48	15.48	15.42	15.30	15.40	17.00
		1	49	15.58	15.47	15.55	15.62	15.56	17.00
		25	0	15.60	15.70	15.78	15.50	15.66	17.00
15MHz	QPSK	25	13	15.66	15.71	15.74	15.53	15.58	17.00
		25	25	15.63	15.66	15.50	15.56	15.76	17.00
		50	0	15.59	15.65	15.64	15.57	15.59	17.00
		1	0	20.98	21.07	20.90	21.01	20.88	22.00
		1	38	20.88	21.12	21.08	20.87	20.85	22.00
		1	74	20.90	20.92	20.84	20.90	21.00	22.00
15MHz	16QAM	36	0	19.79	20.12	19.88	19.88	19.74	21.00
		36	18	19.71	19.94	19.98	20.06	19.90	21.00
		36	39	19.65	19.79	19.83	19.78	19.57	21.00
		75	0	19.72	20.07	20.02	19.89	19.81	21.00
		1	0	19.81	20.15	19.92	19.99	19.84	21.00
		1	38	19.46	20.25	20.14	20.29	20.02	21.00
15MHz	16QAM	1	74	20.33	19.90	20.01	19.90	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	



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	64QAM	36	0	19.30	19.01	19.07	19.08	18.87	20.00	
		36	18	19.18	19.08	18.92	19.12	18.64	20.00	
		36	39	19.33	18.77	18.78	18.88	18.74	20.00	
		75	0	19.24	18.81	18.90	18.75	18.77	20.00	
		1	0	18.54	18.77	18.54	18.80	18.54	20.00	
		1	38	18.52	18.81	18.90	18.90	18.63	20.00	
		1	74	18.55	18.62	18.60	18.73	18.66	20.00	
		36	0	17.85	18.12	17.93	18.20	17.81	19.00	
		36	18	17.87	18.01	18.08	18.02	17.70	19.00	
	36	39	17.80	17.69	18.03	17.88	17.85	19.00		
	75	0	17.91	18.03	17.99	18.00	17.88	19.00		
	256QAM	1	0	15.44	15.39	15.34	15.56	15.41	17.00	
		1	38	15.46	15.52	15.45	15.49	15.51	17.00	
		1	74	15.61	15.47	15.63	15.64	15.51	17.00	
		36	0	15.66	15.55	15.74	15.59	15.62	17.00	
		36	18	15.82	15.59	15.71	15.64	15.64	17.00	
		36	39	15.70	15.74	15.57	15.49	15.57	17.00	
		75	0	15.56	15.63	15.78	15.76	15.61	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	21.00	21.07	20.95	20.96	20.79	22.00
1			50	20.88	21.09	21.05	21.04	20.86	22.00	
1			99	20.89	20.88	20.91	20.84	21.06	22.00	
50			0	19.78	20.02	19.96	20.00	19.74	21.00	
50			25	19.70	19.99	19.94	19.99	19.98	21.00	
50			50	19.69	19.69	19.85	19.74	19.66	21.00	
100			0	19.70	20.01	20.03	19.98	19.72	21.00	
16QAM		1	0	19.90	20.11	20.00	20.02	19.79	21.00	
		1	50	19.49	20.26	20.14	20.23	19.99	21.00	
		1	99	20.39	19.96	20.00	20.00	20.13	21.00	
		50	0	19.24	18.99	19.01	19.04	18.84	20.00	
		50	25	19.26	19.05	19.01	19.09	18.74	20.00	
		50	50	19.33	18.85	18.83	18.78	18.84	20.00	
		100	0	19.29	18.85	18.96	18.78	18.79	20.00	
64QAM		1	0	18.50	18.72	18.61	18.72	18.55	20.00	
		1	50	18.48	18.79	18.94	18.88	18.58	20.00	
		1	99	18.60	18.60	18.60	18.65	18.72	20.00	
		50	0	17.82	18.04	17.97	18.11	17.90	19.00	
		50	25	17.84	17.93	18.00	17.96	17.77	19.00	



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256QAM	50	50	17.90	17.79	17.95	17.83	17.85	19.00
	100	0	17.86	18.11	17.95	17.91	17.90	19.00
	1	0	15.40	15.48	15.43	15.46	15.44	17.00
	1	50	15.47	15.47	15.45	15.39	15.41	17.00
	1	99	15.62	15.53	15.62	15.60	15.52	17.00
	50	0	15.59	15.60	15.70	15.52	15.60	17.00
	50	25	15.76	15.67	15.69	15.61	15.68	17.00
	50	50	15.67	15.64	15.58	15.57	15.66	17.00
	100	0	15.60	15.68	15.71	15.67	15.61	17.00

LTE Band 41 PC3 Eci3				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	18.69	18.67	18.82	18.40	18.53	19.50
		1	13	18.59	18.50	18.86	18.42	18.48	19.50
		1	24	18.79	18.84	18.73	18.47	18.54	19.50
		12	0	18.68	18.74	18.94	18.53	18.43	19.50
		12	6	18.45	18.51	18.81	18.53	18.49	19.50
		12	13	18.54	18.43	18.76	18.44	18.48	19.50
		25	0	18.49	18.46	18.82	18.46	18.50	19.50
	16QAM	1	0	18.22	18.23	18.84	18.54	18.43	19.50
		1	13	18.60	18.64	18.93	18.43	18.42	19.50
		1	24	18.87	18.71	18.73	18.50	18.50	19.50
		12	0	18.66	18.74	18.86	18.61	18.48	19.50
		12	6	18.76	18.72	18.84	18.59	18.51	19.50
		12	13	18.85	18.88	18.80	18.61	18.46	19.50
		25	0	18.77	18.73	18.84	18.60	18.53	19.50
	64QAM	1	0	18.31	18.35	18.50	18.14	18.18	19.50
		1	13	18.29	18.29	18.52	18.18	18.20	19.50
		1	24	18.49	18.40	18.21	18.25	18.11	19.50
		12	0	18.68	18.74	18.81	18.27	18.36	19.00
		12	6	18.79	18.64	18.87	18.50	18.47	19.00
		12	13	18.80	18.85	18.80	18.48	18.42	19.00
		25	0	18.71	18.81	18.87	18.44	18.51	19.00
	256QAM	1	0	15.90	15.84	16.08	15.70	15.66	17.00
		1	13	15.96	16.01	16.14	15.60	15.65	17.00
		1	24	16.04	15.97	15.89	15.77	15.73	17.00
		12	0	15.98	15.89	16.37	16.03	15.84	17.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up					
				39700	40160	40620	41080	41540						
10MHz		12	6	16.08	16.26	16.22	15.75	15.93	17.00					
		12	13	16.20	16.11	16.16	15.95	15.97	17.00					
		25	0	16.10	16.18	16.18	15.94	15.78	17.00					
	QPSK	1	0	18.68	18.64	18.86	18.40	18.51	19.50					
		1	25	18.61	18.52	18.84	18.50	18.41	19.50					
		1	49	18.83	18.87	18.68	18.46	18.56	19.50					
		25	0	18.68	18.76	18.87	18.54	18.40	19.50					
		25	13	18.49	18.52	18.87	18.49	18.50	19.50					
		25	25	18.51	18.49	18.80	18.45	18.48	19.50					
		50	0	18.49	18.47	18.88	18.43	18.45	19.50					
		16QAM	1	0	18.21	18.24	18.83	18.53	18.51	19.50				
			1	25	18.59	18.60	18.87	18.48	18.38	19.50				
			1	49	18.84	18.72	18.74	18.53	18.51	19.50				
			25	0	18.66	18.67	18.89	18.58	18.52	19.50				
			25	13	18.73	18.74	18.83	18.54	18.52	19.50				
			25	25	18.82	18.85	18.80	18.56	18.51	19.50				
		64QAM	50	0	18.82	18.72	18.93	18.62	18.59	19.50				
			1	0	18.33	18.33	18.47	18.15	18.13	19.50				
			1	25	18.30	18.27	18.53	18.18	18.17	19.50				
			1	49	18.45	18.39	18.27	18.22	18.05	19.50				
			25	0	18.67	18.69	18.86	18.29	18.45	19.00				
	25		13	18.76	18.73	18.94	18.51	18.50	19.00					
	256QAM	25	25	18.78	18.86	18.78	18.41	18.44	19.00					
		50	0	18.72	18.80	18.86	18.41	18.44	19.00					
		1	0	15.92	15.82	16.17	15.71	15.64	17.00					
		1	25	15.88	15.95	16.06	15.58	15.69	17.00					
		1	49	16.09	16.03	15.99	15.75	15.75	17.00					
		25	0	16.07	15.91	16.30	15.97	15.80	17.00					
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up				
					39725	40173	40620	41068	41515					
15MHz					QPSK	1	0	18.76	18.61		18.87	18.38	18.49	19.50
						1	38	18.62	18.54		18.84	18.43	18.47	19.50
	1	74	18.85	18.84		18.72	18.45	18.51	19.50					
	36	0	18.66	18.70		18.91	18.53	18.37	19.50					



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		36	18	18.45	18.57	18.83	18.53	18.56	19.50
		36	39	18.52	18.45	18.75	18.46	18.49	19.50
		75	0	18.50	18.47	18.85	18.48	18.53	19.50
16QAM		1	0	18.21	18.21	18.83	18.59	18.45	19.50
		1	38	18.58	18.57	18.86	18.50	18.47	19.50
		1	74	18.79	18.78	18.78	18.50	18.50	19.50
		36	0	18.66	18.74	18.92	18.57	18.51	19.50
		36	18	18.77	18.70	18.88	18.55	18.57	19.50
		36	39	18.85	18.91	18.74	18.62	18.56	19.50
		75	0	18.78	18.79	18.84	18.55	18.59	19.50
64QAM		1	0	18.36	18.34	18.50	18.19	18.16	19.50
		1	38	18.32	18.26	18.45	18.21	18.11	19.50
		1	74	18.42	18.36	18.23	18.22	18.10	19.50
		36	0	18.69	18.70	18.85	18.37	18.36	19.00
		36	18	18.76	18.69	18.90	18.49	18.50	19.00
		36	39	18.85	18.83	18.78	18.43	18.42	19.00
		75	0	18.75	18.77	18.84	18.38	18.42	19.00
256QAM		1	0	15.80	15.86	16.10	15.64	15.62	17.00
		1	38	15.94	15.99	16.08	15.52	15.65	17.00
		1	74	16.04	15.98	15.98	15.78	15.73	17.00
		36	0	15.96	15.90	16.29	16.03	15.85	17.00
		36	18	16.09	16.18	16.28	15.86	15.83	17.00
		36	39	16.25	16.14	16.11	15.90	15.89	17.00
		75	0	16.10	16.17	16.24	15.90	15.88	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.71	18.70	18.86	18.41	18.43	19.50
		1	50	18.60	18.53	18.84	18.44	18.44	19.50
		1	99	18.88	18.86	18.65	18.48	18.61	19.50
		50	0	18.73	18.76	18.93	18.45	18.37	19.50
		50	25	18.47	18.54	18.85	18.51	18.55	19.50
		50	50	18.46	18.46	18.73	18.36	18.48	19.50
		100	0	18.41	18.52	18.84	18.41	18.45	19.50
	16QAM	1	0	18.18	18.24	18.75	18.56	18.49	19.50
		1	50	18.60	18.59	18.91	18.47	18.42	19.50
		1	99	18.85	18.79	18.72	18.51	18.48	19.50
		50	0	18.69	18.69	18.94	18.60	18.47	19.50
		50	25	18.73	18.75	18.87	18.55	18.50	19.50
		50	50	18.81	18.82	18.79	18.57	18.49	19.50



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		100	0	18.76	18.78	18.93	18.55	18.51	19.50
64QAM		1	0	18.31	18.31	18.50	18.17	18.15	19.50
		1	50	18.32	18.26	18.51	18.19	18.20	19.50
		1	99	18.52	18.38	18.28	18.17	18.11	19.50
		50	0	18.68	18.72	18.86	18.33	18.46	19.00
		50	25	18.75	18.65	18.88	18.50	18.45	19.00
		50	50	18.84	18.81	18.82	18.47	18.49	19.00
		100	0	18.77	18.78	18.85	18.38	18.44	19.00
256QAM		1	0	15.85	15.77	16.12	15.58	15.65	17.00
		1	50	15.93	15.89	16.07	15.60	15.60	17.00
		1	99	16.02	16.11	15.84	15.76	15.65	17.00
		50	0	16.00	15.98	16.31	16.03	15.93	17.00
		50	25	16.05	16.20	16.25	15.80	15.85	17.00
		50	50	16.23	16.14	16.19	15.94	15.94	17.00
		100	0	16.11	16.06	16.18	15.92	15.91	17.00

LTE Band 41 PC3 Eci2				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	16.70	16.91	16.84	16.57	16.58	17.50
		1	13	16.67	16.70	16.85	16.40	16.44	17.50
		1	24	16.68	16.80	16.71	16.46	16.64	17.50
		12	0	16.66	16.63	16.99	16.44	16.56	17.50
		12	6	16.67	16.80	16.78	16.46	16.51	17.50
		12	13	16.90	16.89	16.75	16.47	16.59	17.50
		25	0	16.84	16.64	17.00	16.39	16.47	17.50
	16QAM	1	0	16.78	16.71	16.71	16.30	16.41	17.50
		1	13	16.54	16.76	16.94	16.55	16.40	17.50
		1	24	16.76	17.01	16.71	16.55	16.45	17.50
		12	0	16.65	16.69	17.02	16.45	16.57	17.50
		12	6	16.79	16.76	16.76	16.48	16.52	17.50
		12	13	16.87	16.91	16.70	16.49	16.38	17.50
		25	0	16.83	16.66	16.94	16.59	16.63	17.50
	64QAM	1	0	16.30	16.31	16.45	15.87	15.93	17.50
		1	13	15.78	15.72	16.63	15.82	15.91	17.50
		1	24	16.25	16.22	16.32	15.99	16.17	17.50
		12	0	16.61	16.89	16.95	16.33	16.38	17.50



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		12	6	16.73	16.66	16.83	16.53	16.42	17.50
		12	13	16.78	16.79	16.81	16.44	16.41	17.50
		25	0	16.84	16.76	16.85	16.49	16.39	17.50
	256QAM	1	0	15.90	15.82	16.07	15.57	15.61	17.00
		1	13	15.84	15.95	16.03	15.67	15.53	17.00
		1	24	15.97	15.82	15.99	15.81	15.63	17.00
		12	0	15.91	15.85	16.27	15.90	15.79	17.00
		12	6	16.05	16.11	16.27	15.93	15.84	17.00
		12	13	16.27	16.09	16.07	16.00	15.79	17.00
		25	0	16.05	15.98	16.10	15.63	15.77	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	16.66	16.80	16.77	16.40	16.36	17.50
		1	25	16.56	16.79	16.76	16.37	16.53	17.50
		1	49	16.89	16.81	16.77	16.45	16.64	17.50
		25	0	16.71	16.59	16.93	16.40	16.54	17.50
		25	13	16.61	16.78	16.82	16.57	16.51	17.50
		25	25	16.93	16.71	16.85	16.51	16.52	17.50
		50	0	16.62	16.62	16.86	16.42	16.47	17.50
	16QAM	1	0	16.72	16.71	16.84	16.28	16.53	17.50
		1	25	16.55	16.67	16.92	16.44	16.46	17.50
		1	49	16.96	16.86	16.85	16.59	16.42	17.50
		25	0	16.60	16.60	16.86	16.36	16.40	17.50
		25	13	16.81	16.67	16.92	16.50	16.53	17.50
		25	25	16.74	16.92	16.73	16.56	16.55	17.50
		50	0	16.83	16.85	16.79	16.42	16.40	17.50
	64QAM	1	0	16.45	16.47	16.44	15.84	15.94	17.50
		1	25	15.66	15.64	16.41	15.93	15.93	17.50
		1	49	16.11	16.14	16.31	16.10	16.15	17.50
		25	0	16.68	16.80	16.94	16.48	16.32	17.50
		25	13	16.86	16.79	16.87	16.50	16.50	17.50
		25	25	16.68	16.84	16.78	16.29	16.41	17.50
		50	0	16.77	16.57	16.97	16.45	16.39	17.50
	256QAM	1	0	15.77	15.74	16.11	15.55	15.66	17.00
		1	25	15.87	15.84	15.91	15.49	15.54	17.00
		1	49	15.89	16.01	15.93	15.75	15.64	17.00
		25	0	16.02	15.94	16.14	15.76	15.76	17.00
		25	13	15.97	15.91	16.26	15.76	15.98	17.00
		25	25	16.22	16.00	16.12	16.00	15.81	17.00



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Bandwidth	Modulation	RB size	RB offset	50	0	16.03	16.04	16.20	15.62	15.66	17.00
				Channel	Channel	Channel	Channel	Channel	Tune up		
15MHz	QPSK	1	0	39725	40173	40620	41068	41515			
		1	38	16.61	16.70	16.99	16.61	16.37	17.50		
		1	74	16.56	16.59	16.90	16.24	16.37	17.50		
		36	0	16.84	16.80	16.77	16.66	16.43	17.50		
		36	18	16.64	16.68	16.92	16.57	16.52	17.50		
		36	39	16.77	16.85	16.76	16.42	16.45	17.50		
		75	0	16.90	16.85	16.77	16.59	16.61	17.50		
	16QAM	1	0	16.72	16.56	16.73	16.36	16.40	17.50		
		1	38	16.56	16.62	16.95	16.51	16.49	17.50		
		1	74	16.85	16.78	16.69	16.67	16.50	17.50		
		36	0	16.72	16.72	16.83	16.50	16.59	17.50		
		36	18	16.84	16.71	16.86	16.45	16.60	17.50		
		36	39	16.79	16.89	16.66	16.45	16.49	17.50		
		75	0	16.76	16.72	16.91	16.53	16.38	17.50		
	64QAM	1	0	16.43	16.41	16.46	15.95	16.09	17.50		
		1	38	15.74	15.70	16.44	15.78	15.90	17.50		
		1	74	16.15	16.23	16.41	16.02	16.16	17.50		
		36	0	16.84	16.71	17.05	16.32	16.51	17.50		
		36	18	16.67	16.76	16.88	16.49	16.57	17.50		
		36	39	16.90	16.75	16.81	16.44	16.53	17.50		
		75	0	16.83	16.63	16.72	16.35	16.33	17.50		
	256QAM	1	0	15.82	15.83	15.96	15.48	15.57	17.00		
		1	38	15.83	15.97	16.11	15.46	15.58	17.00		
		1	74	15.97	16.00	15.96	15.57	15.65	17.00		
		36	0	16.05	15.97	16.19	15.77	15.92	17.00		
		36	18	16.11	16.14	16.29	15.90	15.81	17.00		
		36	39	16.27	16.09	16.19	15.80	15.84	17.00		
		75	0	15.93	16.02	16.27	15.63	15.89	17.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
	20MHz	QPSK	1	0	39750	40185	40620	41055	41490		
			1	50	16.71	16.86	16.85	16.53	16.49	17.50	
			1	99	16.68	16.71	16.85	16.35	16.44	17.50	
			50	0	16.81	16.77	16.69	16.56	16.54	17.50	
			50	25	16.62	16.66	16.85	16.51	16.50	17.50	
			50	50	16.76	16.76	16.87	16.48	16.52	17.50	
			50	50	16.83	16.88	16.78	16.53	16.55	17.50	



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		100	0	16.76	16.74	16.90	16.52	16.52	17.50
16QAM		1	0	16.68	16.70	16.86	16.40	16.48	17.50
		1	50	16.69	16.66	16.92	16.49	16.45	17.50
		1	99	16.87	16.92	16.75	16.62	16.55	17.50
		50	0	16.68	16.63	16.94	16.44	16.52	17.50
		50	25	16.80	16.72	16.90	16.47	16.56	17.50
		50	50	16.79	16.83	16.78	16.57	16.53	17.50
		100	0	16.78	16.77	16.92	16.55	16.53	17.50
64QAM		1	0	16.43	16.42	16.58	15.97	16.06	17.50
		1	50	15.74	15.69	16.55	15.93	15.87	17.50
		1	99	16.21	16.24	16.36	16.13	16.10	17.50
		50	0	16.74	16.83	16.95	16.42	16.43	17.50
		50	25	16.81	16.73	16.89	16.60	16.52	17.50
		50	50	16.80	16.75	16.83	16.39	16.47	17.50
		100	0	16.77	16.71	16.87	16.48	16.48	17.50
256QAM		1	0	15.91	15.83	16.09	15.52	15.62	17.00
		1	50	15.87	15.90	16.06	15.58	15.64	17.00
		1	99	15.98	15.92	15.92	15.71	15.69	17.00
		50	0	16.04	15.98	16.28	15.84	15.86	17.00
		50	25	16.09	16.06	16.26	15.90	15.88	17.00
		50	50	16.17	16.13	16.18	15.94	15.86	17.00
		100	0	16.08	16.07	16.19	15.71	15.81	17.00

LTE Band 41 PC3 Eci7				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	14.71	14.65	14.94	14.49	14.39	15.50
		1	13	14.69	14.82	14.74	14.56	14.54	15.50
		1	24	14.90	14.70	14.65	14.34	14.59	15.50
		12	0	14.68	14.68	14.98	14.44	14.57	15.50
		12	6	14.63	14.89	14.73	14.32	14.48	15.50
		12	13	14.86	14.84	14.74	14.34	14.60	15.50
		25	0	14.78	14.85	14.83	14.43	14.49	15.50
	16QAM	1	0	14.60	14.58	14.84	14.56	14.35	15.50
		1	13	14.66	14.79	14.98	14.38	14.49	15.50
		1	24	14.85	14.99	14.85	14.58	14.47	15.50
		12	0	14.56	14.71	15.01	14.44	14.56	15.50
		12	6	14.80	14.71	14.89	14.58	14.59	15.50



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		12	13	14.70	14.74	14.70	14.63	14.39	15.50
		25	0	14.66	14.66	15.00	14.65	14.59	15.50
	64QAM	1	0	14.52	14.37	14.46	14.36	14.16	15.50
		1	13	14.03	13.97	14.36	14.21	13.99	15.50
		1	24	14.55	14.43	14.40	13.99	13.94	15.50
		12	0	14.65	14.61	15.03	14.65	14.42	15.50
		12	6	14.87	14.81	14.82	14.55	14.59	15.50
		12	13	14.90	14.89	14.69	14.61	14.56	15.50
		25	0	14.66	14.63	14.87	14.61	14.54	15.50
		256QAM	1	0	14.66	14.43	14.65	14.34	14.41
	1		13	14.52	14.53	14.69	14.41	14.29	15.50
	1		24	14.77	14.79	14.55	14.39	14.36	15.50
	12		0	14.62	14.80	15.02	14.56	14.53	15.50
	12		6	14.85	14.77	14.81	14.58	14.46	15.50
	12		13	14.85	14.89	14.85	14.37	14.47	15.50
	25		0	14.81	14.66	14.96	14.70	14.62	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	14.75	14.59	14.85	14.62	14.42	15.50
		1	25	14.76	14.89	14.89	14.52	14.47	15.50
		1	49	14.73	14.71	14.76	14.30	14.57	15.50
		25	0	14.63	14.77	15.00	14.38	14.55	15.50
		25	13	14.87	14.71	14.91	14.49	14.61	15.50
		25	25	14.87	14.71	14.81	14.37	14.43	15.50
		50	0	14.90	14.76	14.73	14.49	14.59	15.50
	16QAM	1	0	14.64	14.61	15.00	14.58	14.58	15.50
		1	25	14.77	14.96	14.93	14.34	14.30	15.50
		1	49	14.89	14.83	14.82	14.76	14.56	15.50
		25	0	14.76	14.62	14.89	14.35	14.40	15.50
		25	13	14.67	14.72	14.95	14.47	14.65	15.50
		25	25	14.75	14.93	14.72	14.63	14.56	15.50
		50	0	14.75	14.79	14.78	14.43	14.61	15.50
	64QAM	1	0	14.42	14.42	14.41	14.25	14.31	15.50
		1	25	14.16	13.98	14.40	14.15	14.03	15.50
		1	49	14.34	14.38	14.24	13.86	14.02	15.50
		25	0	14.78	14.62	14.88	14.57	14.37	15.50
		25	13	14.67	14.79	14.99	14.44	14.49	15.50
		25	25	14.71	14.78	14.75	14.53	14.57	15.50
		50	0	14.82	14.69	14.72	14.52	14.53	15.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	256QAM	1	0	14.48	14.56	14.85	14.21	14.37	15.50	
		1	25	14.61	14.57	14.76	14.43	14.19	15.50	
		1	49	14.60	14.68	14.72	14.30	14.25	15.50	
		25	0	14.75	14.70	14.91	14.68	14.51	15.50	
		25	13	14.88	14.82	14.85	14.46	14.63	15.50	
		25	25	14.83	15.00	14.89	14.47	14.62	15.50	
		50	0	14.65	14.59	14.97	14.68	14.52	15.50	
	15MHz	QPSK	1	0	14.62	14.55	14.97	14.39	14.45	15.50
			1	38	14.79	14.79	14.73	14.43	14.47	15.50
			1	74	14.79	14.81	14.79	14.32	14.44	15.50
			36	0	14.65	14.66	14.87	14.45	14.40	15.50
			36	18	14.66	14.71	14.96	14.52	14.44	15.50
			36	39	14.91	14.69	14.82	14.41	14.41	15.50
			75	0	14.74	14.85	14.81	14.54	14.58	15.50
		16QAM	1	0	14.47	14.72	14.98	14.36	14.42	15.50
			1	38	14.62	14.72	14.99	14.43	14.34	15.50
			1	74	14.74	14.90	14.68	14.53	14.67	15.50
			36	0	14.63	14.60	15.02	14.35	14.51	15.50
			36	18	14.70	14.81	14.86	14.65	14.60	15.50
			36	39	14.81	14.76	14.86	14.54	14.52	15.50
			75	0	14.66	14.61	14.94	14.53	14.65	15.50
64QAM		1	0	14.37	14.39	14.54	14.38	14.07	15.50	
		1	38	14.21	14.10	14.37	14.12	14.06	15.50	
		1	74	14.47	14.49	14.36	14.00	13.93	15.50	
		36	0	14.59	14.62	15.03	14.53	14.55	15.50	
		36	18	14.76	14.87	14.82	14.54	14.46	15.50	
		36	39	14.73	14.73	14.90	14.63	14.40	15.50	
		75	0	14.75	14.78	14.84	14.47	14.57	15.50	
256QAM	1	0	14.57	14.46	14.68	14.22	14.33	15.50		
	1	38	14.56	14.46	14.72	14.46	14.32	15.50		
	1	74	14.81	14.78	14.53	14.37	14.35	15.50		
	36	0	14.74	14.71	14.90	14.68	14.51	15.50		
	36	18	14.80	14.92	14.98	14.57	14.51	15.50		
	36	39	14.86	14.78	14.79	14.45	14.60	15.50		
	75	0	14.86	14.79	14.82	14.58	14.61	15.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		



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20MHz	Modulation	RB size	RB offset	Conducted Power(dBm)					Tune up
				Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	
20MHz	QPSK	1	0	14.74	14.67	14.87	14.54	14.50	15.50
		1	50	14.72	14.88	14.85	14.49	14.47	15.50
		1	99	14.91	14.82	14.72	14.41	14.51	15.50
		50	0	14.68	14.76	14.92	14.43	14.50	15.50
		50	25	14.77	14.85	14.87	14.46	14.53	15.50
		50	50	14.83	14.77	14.80	14.41	14.50	15.50
	16QAM	100	0	14.81	14.76	14.87	14.57	14.52	15.50
		1	0	14.56	14.62	14.93	14.51	14.49	15.50
		1	50	14.76	14.86	14.91	14.41	14.44	15.50
		1	99	14.83	14.92	14.76	14.67	14.57	15.50
		50	0	14.70	14.65	14.95	14.50	14.53	15.50
		50	25	14.78	14.85	14.91	14.61	14.56	15.50
	64QAM	50	50	14.84	14.84	14.83	14.57	14.51	15.50
		100	0	14.80	14.72	14.91	14.58	14.57	15.50
		1	0	14.46	14.37	14.52	14.31	14.22	15.50
		1	50	14.17	14.11	14.47	14.14	14.14	15.50
		1	99	14.45	14.47	14.32	13.97	13.99	15.50
		50	0	14.72	14.65	14.96	14.62	14.52	15.50
256QAM	50	25	14.80	14.78	14.89	14.50	14.55	15.50	
	50	50	14.84	14.83	14.82	14.59	14.52	15.50	
	100	0	14.78	14.68	14.87	14.55	14.51	15.50	
	1	0	14.61	14.53	14.77	14.29	14.33	15.50	
	1	50	14.60	14.51	14.78	14.41	14.34	15.50	
	1	99	14.73	14.78	14.63	14.34	14.40	15.50	

LTE Band 41 PC3 Eci6				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	
5MHz	QPSK	1	0	19.34	19.21	19.42	18.98	19.06	20.00
		1	13	19.18	19.17	19.43	19.06	19.07	20.00
		1	24	19.46	19.48	19.26	19.05	19.11	20.00
		12	0	19.33	19.34	19.51	19.13	19.01	20.00
		12	6	19.04	19.19	19.44	19.13	19.12	20.00
		12	13	19.11	19.03	19.34	18.99	19.06	20.00



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		25	0	19.06	19.12	19.40	19.07	19.13	20.00
	16QAM	1	0	18.84	18.86	19.43	19.10	19.12	20.00
		1	13	19.21	19.18	19.46	19.03	19.03	20.00
		1	24	19.45	19.40	19.31	19.14	19.11	20.00
		12	0	19.27	19.26	19.52	19.13	19.12	20.00
		12	6	19.40	19.34	19.45	19.15	19.16	20.00
		12	13	19.48	19.48	19.41	19.23	19.11	20.00
		25	0	19.42	19.34	19.48	19.22	19.13	20.00
	64QAM	1	0	18.94	18.94	19.10	18.79	18.73	20.00
		1	13	18.93	18.91	19.10	18.86	18.75	20.00
		1	24	19.08	19.01	18.82	18.82	18.75	20.00
		12	0	18.16	18.20	18.35	17.85	17.86	19.00
		12	6	18.32	18.18	18.44	18.07	18.04	19.00
		12	13	18.34	18.37	18.27	17.91	17.98	19.00
		25	0	18.29	18.37	18.30	17.86	17.99	19.00
	256QAM	1	0	15.89	15.86	15.99	15.63	15.49	17.00
		1	13	15.87	15.93	15.99	15.49	15.52	17.00
		1	24	15.98	16.07	15.75	15.84	15.61	17.00
		12	0	15.89	15.99	16.24	15.80	15.89	17.00
		12	6	16.05	16.07	16.09	15.68	15.73	17.00
		12	13	16.09	16.21	16.22	15.76	15.85	17.00
		25	0	16.06	16.01	16.19	15.93	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHZ	QPSK	1	0	19.35	19.20	19.52	18.97	19.05	20.00
		1	25	19.26	19.15	19.44	19.04	19.08	20.00
		1	49	19.43	19.46	19.27	19.10	19.18	20.00
		25	0	19.30	19.33	19.51	19.05	18.98	20.00
		25	13	19.02	19.11	19.45	19.10	19.13	20.00
		25	25	19.12	19.11	19.37	19.01	19.09	20.00
		50	0	19.02	19.09	19.48	19.06	19.05	20.00
	16QAM	1	0	18.88	18.83	19.40	19.13	19.12	20.00
		1	25	19.18	19.22	19.52	19.11	18.97	20.00
		1	49	19.44	19.40	19.36	19.09	19.11	20.00
		25	0	19.20	19.33	19.46	19.12	19.11	20.00
		25	13	19.35	19.32	19.43	19.19	19.12	20.00
		25	25	19.42	19.51	19.40	19.22	19.07	20.00
		50	0	19.37	19.34	19.48	19.17	19.12	20.00
	64QAM	1	0	18.89	19.01	19.10	18.80	18.76	20.00



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		1	25	18.86	18.87	19.09	18.84	18.71	20.00
		1	49	19.04	18.97	18.87	18.79	18.73	20.00
		25	0	18.22	18.24	18.32	17.81	17.90	19.00
		25	13	18.27	18.17	18.45	18.07	18.03	19.00
		25	25	18.36	18.29	18.27	17.95	17.92	19.00
		50	0	18.26	18.36	18.34	17.93	18.00	19.00
	256QAM	1	0	15.78	15.84	15.94	15.52	15.56	17.00
	256QAM	1	25	15.85	15.80	16.10	15.60	15.66	17.00
	256QAM	1	49	15.89	16.09	15.91	15.64	15.63	17.00
	256QAM	25	0	15.88	16.01	16.28	15.99	15.95	17.00
	256QAM	25	13	16.13	16.22	16.15	15.81	15.91	17.00
	256QAM	25	25	16.01	16.00	16.16	15.94	15.89	17.00
	256QAM	50	0	16.14	16.10	16.12	15.82	15.69	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.33	19.25	19.50	19.03	19.09	20.00
		1	38	19.17	19.19	19.40	19.02	19.01	20.00
		1	74	19.47	19.45	19.30	19.04	19.11	20.00
		36	0	19.31	19.33	19.50	19.11	19.04	20.00
		36	18	19.08	19.15	19.41	19.17	19.06	20.00
		36	39	19.09	19.04	19.38	19.02	19.11	20.00
		75	0	19.07	19.11	19.42	19.00	19.06	20.00
	16QAM	1	0	18.85	18.91	19.44	19.11	19.12	20.00
		1	38	19.19	19.19	19.54	19.06	18.99	20.00
		1	74	19.48	19.40	19.37	19.09	19.09	20.00
		36	0	19.21	19.32	19.49	19.19	19.07	20.00
		36	18	19.33	19.32	19.45	19.09	19.18	20.00
		36	39	19.45	19.41	19.44	19.21	19.15	20.00
		75	0	19.35	19.32	19.51	19.21	19.19	20.00
	64QAM	1	0	18.98	18.98	19.15	18.74	18.76	20.00
		1	38	18.84	18.88	19.05	18.76	18.72	20.00
		1	74	19.02	18.98	18.86	18.78	18.71	20.00
		36	0	18.17	18.17	18.38	17.85	17.89	19.00
		36	18	18.26	18.16	18.41	18.08	18.04	19.00
		36	39	18.35	18.36	18.29	17.96	18.00	19.00
		75	0	18.29	18.29	18.36	17.95	17.97	19.00
	256QAM	1	0	15.83	15.73	16.01	15.59	15.47	17.00
		1	38	15.79	15.80	15.98	15.60	15.57	17.00
		1	74	16.03	16.04	15.90	15.64	15.77	17.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	36	0	15.87	15.90	16.21	15.97	15.77	17.00
		36	18	16.19	16.08	16.26	15.78	15.89	17.00
		36	39	16.23	16.20	16.08	15.74	15.90	17.00
		75	0	16.03	16.15	16.23	15.95	15.78	17.00
	16QAM	1	0	19.33	19.21	19.42	18.98	19.05	20.00
			50	19.26	19.17	19.43	19.02	19.02	20.00
			99	19.47	19.45	19.32	19.05	19.11	20.00
			0	19.44	19.36	19.43	19.13	18.99	20.00
			25	19.01	19.11	19.42	19.16	19.14	20.00
			50	19.06	19.08	19.36	18.97	19.06	20.00
	16QAM	50	0	19.06	19.13	19.44	19.01	19.12	20.00
			0	18.86	18.85	19.44	19.10	19.03	20.00
			50	19.16	19.18	19.52	19.06	19.05	20.00
			99	19.48	19.34	19.38	19.13	19.05	20.00
			0	19.20	19.27	19.53	19.16	19.05	20.00
			25	19.41	19.28	19.52	19.09	19.14	20.00
	64QAM	50	50	19.38	19.41	19.36	19.22	19.11	20.00
			0	19.42	19.35	19.48	19.17	19.11	20.00
			0	18.97	19.00	19.13	18.78	18.74	20.00
			50	18.90	18.87	19.06	18.82	18.75	20.00
			99	19.05	18.96	18.85	18.83	18.65	20.00
			0	18.15	18.24	18.38	17.78	17.89	19.00
	256QAM	50	25	18.24	18.13	18.38	18.02	17.96	19.00
			50	18.32	18.34	18.32	17.94	17.93	19.00
			0	18.28	18.27	18.32	17.92	17.95	19.00
			0	15.85	15.76	16.07	15.63	15.60	17.00
			50	15.90	15.93	16.08	15.55	15.61	17.00
			99	16.01	16.01	15.89	15.75	15.68	17.00
256QAM	50	0	15.99	15.91	16.27	15.95	15.85	17.00	
		25	16.09	16.18	16.24	15.79	15.86	17.00	
		50	16.16	16.15	16.14	15.89	15.87	17.00	
		0	16.05	16.08	16.17	15.86	15.81	17.00	



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3 Conducted Power of Main Antenna (Ant2)

3.1 Conducted Power of GSM

GSM 1900 Eci2/3/4/7/6										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.02	28.94	28.93	30.00	-9.19	19.83	19.75	19.74	20.81
GPRS (GMSK)	1 TX Slot	28.90	28.98	29.00	30.00	-9.19	19.71	19.79	19.81	20.81
	2 TX Slots	25.91	26.01	26.03	27.00	-6.18	19.73	19.83	19.85	20.82
	3 TX Slots	24.27	24.28	24.23	25.00	-4.42	19.85	19.86	19.81	20.58
	4 TX Slots	23.15	23.16	23.07	24.00	-3.17	19.98	19.99	19.90	20.83
EGPRS (GMSK)	1 TX Slot	28.90	29.02	29.00	30.00	-9.19	19.71	19.83	19.81	20.81
	2 TX Slots	25.87	25.99	26.09	27.00	-6.18	19.69	19.81	19.91	20.82
	3 TX Slots	24.18	24.31	24.19	25.00	-4.42	19.76	19.89	19.77	20.58
	4 TX Slots	23.04	22.96	22.99	24.00	-3.17	19.87	19.79	19.82	20.83
EGPRS (8PSK)	1 TX Slot	25.87	25.78	25.85	26.50	-9.19	16.68	16.59	16.66	17.31
	2 TX Slots	24.26	24.36	24.36	25.50	-6.18	18.08	18.18	18.18	19.32
	3 TX Slots	21.68	21.78	21.77	22.50	-4.42	17.26	17.36	17.35	18.08
	4 TX Slots	20.28	20.35	20.38	21.50	-3.17	17.11	17.18	17.21	18.33



3.2 Conducted Power of WCDMA

WCDMA Band II Eci2/3/4/6					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.85	22.95	23.05	24.00
	12.2kbps AMR	22.81	22.92	22.97	24.00
HSDPA	Subtest 1	21.86	21.95	22.00	23.00
	Subtest 2	21.87	21.99	22.04	23.00
	Subtest 3	21.42	21.54	21.59	22.50
	Subtest 4	21.43	21.48	21.54	22.50
HSUPA	Subtest 1	20.05	20.01	20.04	21.00
	Subtest 2	19.91	19.97	20.03	21.00
	Subtest 3	20.95	21.02	21.06	22.00
	Subtest 4	19.42	19.51	19.54	20.50
	Subtest 5	20.90	21.00	21.03	22.00
DC-HSDPA	Subtest 1	21.72	21.88	21.85	23.00
	Subtest 2	21.95	21.89	21.98	23.00
	Subtest 3	21.42	21.45	21.63	22.50
	Subtest 4	21.56	21.38	21.45	22.50
HSPA+	16QAM	19.55	19.50	19.61	21.00

WCDMA Band II Eci7					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.69	19.68	19.70	20.50
	12.2kbps AMR	19.65	19.63	19.58	20.50
HSDPA	Subtest 1	18.38	18.39	18.54	19.50
	Subtest 2	18.43	18.51	18.55	19.50
	Subtest 3	18.02	18.13	18.05	19.00
	Subtest 4	17.94	18.02	18.07	19.00
HSUPA	Subtest 1	16.52	16.51	16.63	17.50
	Subtest 2	16.33	16.52	16.53	17.50
	Subtest 3	17.45	17.53	17.51	18.50
	Subtest 4	15.93	15.98	15.98	17.00
	Subtest 5	17.36	17.53	17.63	18.50
DC-HSDPA	Subtest 1	18.29	18.45	18.30	19.50
	Subtest 2	18.40	18.29	18.49	19.50
	Subtest 3	17.87	18.01	18.12	19.00
	Subtest 4	18.04	17.91	17.93	19.00



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HSPA+	16QAM	16.00	16.01	16.10	17.50
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WCDMA Band IV Eci2/4/6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.00	22.96	22.90	24.00
	12.2kbps AMR	22.96	22.93	22.87	24.00
HSDPA	Subtest 1	22.00	21.96	21.92	23.00
	Subtest 2	22.01	22.00	21.95	23.00
	Subtest 3	21.58	21.61	21.51	22.50
	Subtest 4	21.56	21.50	21.47	22.50
HSUPA	Subtest 1	20.01	19.97	19.94	21.00
	Subtest 2	19.99	19.95	19.93	21.00
	Subtest 3	21.04	20.99	20.97	22.00
	Subtest 4	19.54	19.51	19.44	20.50
	Subtest 5	21.00	20.96	20.94	22.00
DC-HSDPA	Subtest 1	22.06	21.95	21.81	23.00
	Subtest 2	22.06	22.01	22.04	23.00
	Subtest 3	21.49	21.61	21.66	22.50
	Subtest 4	21.42	21.35	21.44	22.50
HSPA+	16QAM	19.55	19.50	19.58	21.00

WCDMA Band IV Eci3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.21	20.11	20.08	21.00
	12.2kbps AMR	20.18	20.05	20.06	21.00
HSDPA	Subtest 1	18.91	18.86	18.90	20.00
	Subtest 2	19.06	19.09	19.05	20.00
	Subtest 3	18.51	18.60	18.45	19.50
	Subtest 4	18.57	18.40	18.48	19.50
HSUPA	Subtest 1	16.95	17.06	17.02	18.00
	Subtest 2	17.06	17.01	16.89	18.00
	Subtest 3	18.09	17.95	17.91	19.00
	Subtest 4	16.46	16.54	16.50	17.50
	Subtest 5	18.04	17.87	18.01	19.00
DC-HSDPA	Subtest 1	19.02	18.98	18.75	20.00
	Subtest 2	18.99	18.92	19.12	20.00
	Subtest 3	18.46	18.67	18.76	19.50
	Subtest 4	18.45	18.25	18.42	19.50



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HSPA+	16QAM	16.45	16.58	16.60	18.00
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WCDMA Band IV Eci7					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.71	19.63	19.55	20.50
	12.2kbps AMR	19.68	19.58	19.48	20.50
HSDPA	Subtest 1	18.43	18.51	18.47	19.50
	Subtest 2	18.54	18.49	18.43	19.50
	Subtest 3	18.17	18.11	17.97	19.00
	Subtest 4	18.08	18.03	17.99	19.00
HSUPA	Subtest 1	16.55	16.54	16.43	17.50
	Subtest 2	16.47	16.49	16.35	17.50
	Subtest 3	17.46	17.43	17.45	18.50
	Subtest 4	16.08	16.00	15.86	17.00
	Subtest 5	17.52	17.44	17.44	18.50
DC-HSDPA	Subtest 1	18.57	18.54	18.24	19.50
	Subtest 2	18.60	18.60	18.55	19.50
	Subtest 3	18.05	18.05	18.15	19.00
	Subtest 4	18.01	17.89	18.01	19.00
HSPA+	16QAM	16.04	15.91	16.07	17.50



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3.3 Conducted Power of LTE

LTE Band 2 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.60	22.63	22.58	23.50
		1	2	22.58	22.66	22.34	23.50
		1	5	22.63	22.40	22.77	23.50
		3	0	22.60	22.64	22.46	23.50
		3	2	22.80	22.71	22.44	23.50
		3	3	22.73	22.46	22.57	23.50
		6	0	21.62	21.67	21.65	22.50
	16QAM	1	0	21.64	21.68	21.66	22.50
		1	2	21.67	21.56	21.50	22.50
		1	5	21.96	21.60	21.82	22.50
		3	0	21.65	21.58	21.58	22.50
		3	2	21.60	21.48	21.42	22.50
		3	3	21.74	21.68	21.45	22.50
		6	0	20.56	20.66	20.66	21.50
	64QAM	1	0	20.58	20.52	20.54	21.50
		1	2	20.68	20.65	20.74	21.50
		1	5	20.76	20.54	20.74	21.50
		3	0	20.43	20.72	20.34	21.50
		3	2	20.49	20.39	20.61	21.50
		3	3	20.68	20.58	20.46	21.50
		6	0	19.66	19.51	19.61	20.50
	256QAM	1	0	17.56	17.66	17.67	18.50
		1	2	17.77	17.69	17.59	18.50
		1	5	17.69	17.72	17.87	18.50
		3	0	17.50	17.75	17.41	18.50
		3	2	17.55	17.47	17.44	18.50
		3	3	17.67	17.48	17.66	18.50
		6	0	17.67	17.73	17.57	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.57	22.59	22.30	23.50
		1	7	22.39	22.57	22.39	23.50
		1	14	22.45	22.40	22.79	23.50



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		8	0	21.62	21.51	21.39	22.50	
		8	4	21.73	21.56	21.38	22.50	
		8	7	21.74	21.60	21.68	22.50	
		15	0	21.50	21.62	21.45	22.50	
	16QAM	1	0	21.58	21.86	21.67	22.50	
		1	7	21.59	21.62	21.73	22.50	
		1	14	21.92	21.71	21.73	22.50	
		8	0	20.62	20.72	20.52	21.50	
		8	4	20.60	20.56	20.58	21.50	
		8	7	20.66	20.73	20.50	21.50	
		15	0	20.48	20.47	20.59	21.50	
	64QAM	1	0	20.50	20.69	20.42	21.50	
		1	7	20.67	20.59	20.63	21.50	
		1	14	20.71	20.66	20.83	21.50	
		8	0	19.64	19.52	19.47	20.50	
		8	4	19.68	19.46	19.53	20.50	
		8	7	19.54	19.74	19.52	20.50	
		15	0	19.57	19.61	19.50	20.50	
	256QAM	1	0	17.80	17.73	17.48	18.50	
		1	7	17.79	17.75	17.53	18.50	
		1	14	17.76	17.47	17.65	18.50	
		8	0	17.55	17.54	17.39	18.50	
		8	4	17.63	17.66	17.45	18.50	
		8	7	17.60	17.63	17.64	18.50	
		15	0	17.69	17.64	17.66	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
	5MHz	QPSK	1	0	22.63	22.42	22.36	23.50
1			13	22.35	22.47	22.49	23.50	
1			24	22.72	22.48	22.64	23.50	
12			0	21.41	21.57	21.54	22.50	
12			6	21.69	21.44	21.52	22.50	
12			13	21.77	21.58	21.63	22.50	
25			0	21.63	21.63	21.47	22.50	
16QAM		1	0	21.63	21.71	21.70	22.50	
		1	13	21.49	21.73	21.48	22.50	
		1	24	21.96	21.67	21.93	22.50	
		12	0	20.63	20.66	20.52	21.50	
		12	6	20.77	20.56	20.56	21.50	



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		12	13	20.48	20.50	20.45	21.50	
		25	0	20.69	20.59	20.64	21.50	
		64QAM	1	0	20.44	20.79	20.41	21.50
			1	13	20.51	20.69	20.44	21.50
			1	24	20.80	20.57	20.67	21.50
			12	0	19.63	19.72	19.62	20.50
			12	6	19.54	19.47	19.43	20.50
			12	13	19.76	19.63	19.44	20.50
			25	0	19.55	19.70	19.44	20.50
		256QAM	1	0	17.82	17.90	17.64	18.50
			1	13	17.53	17.69	17.74	18.50
			1	24	17.92	17.53	17.66	18.50
			12	0	17.40	17.76	17.31	18.50
			12	6	17.40	17.65	17.34	18.50
12	13		17.54	17.47	17.64	18.50		
25	0		17.42	17.70	17.67	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	1	0	22.68	22.49	22.58	23.50	
		1	25	22.49	22.69	22.29	23.50	
		1	49	22.51	22.35	22.57	23.50	
		25	0	21.38	21.49	21.44	22.50	
		25	13	21.68	21.73	21.58	22.50	
		25	25	21.71	21.52	21.68	22.50	
		50	0	21.54	21.48	21.42	22.50	
	16QAM	1	0	21.61	21.86	21.78	22.50	
		1	25	21.70	21.60	21.63	22.50	
		1	49	21.78	21.55	21.82	22.50	
		25	0	20.56	20.63	20.58	21.50	
		25	13	20.57	20.52	20.63	21.50	
		25	25	20.60	20.59	20.52	21.50	
		50	0	20.56	20.64	20.71	21.50	
	64QAM	1	0	20.42	20.74	20.60	21.50	
		1	25	20.65	20.70	20.72	21.50	
		1	49	20.93	20.53	20.90	21.50	
		25	0	19.36	19.57	19.42	20.50	
		25	13	19.64	19.48	19.64	20.50	
		25	25	19.53	19.51	19.43	20.50	
		50	0	19.69	19.58	19.60	20.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	256QAM	1	0	17.82	17.67	17.56	18.50	
		1	25	17.64	17.60	17.70	18.50	
		1	49	17.84	17.50	17.65	18.50	
		25	0	17.51	17.52	17.55	18.50	
		25	13	17.54	17.69	17.62	18.50	
		25	25	17.53	17.65	17.63	18.50	
		50	0	17.41	17.55	17.63	18.50	
	15MHz	QPSK	1	0	22.68	22.37	22.37	23.50
			1	38	22.41	22.66	22.32	23.50
			1	74	22.69	22.56	22.77	23.50
			36	0	21.57	21.69	21.45	22.50
			36	18	21.56	21.69	21.38	22.50
			36	39	21.69	21.49	21.48	22.50
			75	0	21.40	21.58	21.53	22.50
		16QAM	1	0	21.72	21.62	21.71	22.50
			1	38	21.62	21.71	21.65	22.50
			1	74	21.79	21.67	21.77	22.50
			36	0	20.60	20.77	20.55	21.50
			36	18	20.60	20.68	20.44	21.50
			36	39	20.62	20.53	20.48	21.50
			75	0	20.56	20.73	20.51	21.50
64QAM		1	0	20.55	20.68	20.48	21.50	
		1	38	20.54	20.55	20.61	21.50	
		1	74	20.65	20.56	20.63	21.50	
		36	0	19.43	19.75	19.53	20.50	
		36	18	19.46	19.47	19.52	20.50	
		36	39	19.56	19.73	19.57	20.50	
		75	0	19.62	19.53	19.68	20.50	
256QAM	1	0	17.66	17.78	17.59	18.50		
	1	38	17.58	17.56	17.55	18.50		
	1	74	17.95	17.57	17.65	18.50		
	36	0	17.39	17.58	17.44	18.50		
	36	18	17.60	17.62	17.53	18.50		
	36	39	17.72	17.69	17.59	18.50		
	75	0	17.69	17.72	17.72	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		



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20MHz	QPSK	1	0	22.54	22.51	22.45	23.50
		1	50	22.47	22.55	22.38	23.50
		1	99	22.60	22.45	22.65	23.50
		50	0	21.49	21.64	21.49	22.50
		50	25	21.65	21.59	21.53	22.50
		50	50	21.66	21.58	21.58	22.50
		100	0	21.54	21.61	21.57	22.50
	16QAM	1	0	21.65	21.74	21.65	22.50
		1	50	21.61	21.71	21.60	22.50
		1	99	21.82	21.66	21.83	22.50
		50	0	20.50	20.65	20.46	21.50
		50	25	20.62	20.58	20.52	21.50
		50	50	20.63	20.58	20.60	21.50
		100	0	20.56	20.59	20.59	21.50
	64QAM	1	0	20.55	20.67	20.52	21.50
		1	50	20.58	20.63	20.59	21.50
		1	99	20.78	20.57	20.78	21.50
		50	0	19.49	19.60	19.47	20.50
		50	25	19.59	19.53	19.53	20.50
		50	50	19.64	19.60	19.57	20.50
		100	0	19.57	19.58	19.56	20.50
	256QAM	1	0	17.71	17.75	17.57	18.50
		1	50	17.67	17.66	17.59	18.50
		1	99	17.83	17.60	17.80	18.50
		50	0	17.47	17.63	17.46	18.50
		50	25	17.55	17.57	17.49	18.50
		50	50	17.68	17.57	17.54	18.50
		100	0	17.56	17.60	17.57	18.50

LTE Band 2 Eci3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.32	20.36	20.45	21.50
		1	2	20.30	20.41	20.33	21.50
		1	5	20.32	20.44	20.47	21.50
		3	0	20.41	20.44	20.32	21.50
		3	2	20.36	20.41	20.51	21.50
		3	3	20.32	20.43	20.52	21.50



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		6	0	20.46	20.47	20.54	21.50
	16QAM	1	0	20.41	20.76	20.70	21.50
		1	2	20.48	20.79	20.39	21.50
		1	5	20.53	20.70	20.60	21.50
		3	0	20.55	20.35	20.55	21.50
		3	2	20.51	20.47	20.69	21.50
		3	3	20.54	20.49	20.52	21.50
		6	0	20.48	20.46	20.55	21.50
	64QAM	1	0	20.38	20.54	20.52	21.50
		1	2	20.52	20.11	20.49	21.50
		1	5	20.41	20.70	20.56	21.50
		3	0	20.35	20.41	20.46	21.50
		3	2	20.42	20.53	20.48	21.50
		3	3	20.39	20.41	20.57	21.50
		6	0	19.40	19.37	19.41	20.50
	256QAM	1	0	17.50	17.48	17.55	18.50
		1	2	17.52	17.60	17.50	18.50
		1	5	17.52	17.57	17.58	18.50
		3	0	17.46	17.52	17.60	18.50
		3	2	17.53	17.55	17.55	18.50
		3	3	17.52	17.48	17.61	18.50
		6	0	17.40	17.45	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.24	20.64	20.39	21.50
		1	7	20.49	20.44	20.37	21.50
		1	14	20.35	20.16	20.38	21.50
		8	0	20.46	20.69	20.40	21.50
		8	4	20.54	20.54	20.31	21.50
		8	7	20.51	20.43	20.37	21.50
		15	0	20.50	20.58	20.42	21.50
	16QAM	1	0	20.46	20.57	20.33	21.50
		1	7	20.73	20.58	20.26	21.50
		1	14	20.53	20.48	20.76	21.50
		8	0	20.41	20.52	20.43	21.50
		8	4	20.35	20.61	20.46	21.50
		8	7	20.61	20.51	20.37	21.50
		15	0	20.54	20.47	20.39	21.50
	64QAM	1	0	20.34	20.44	20.32	21.50



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		1	7	20.61	20.47	20.40	21.50		
		1	14	20.54	20.53	20.46	21.50		
		8	0	19.40	19.63	19.46	20.50		
		8	4	19.47	19.48	19.51	20.50		
		8	7	19.65	19.48	19.55	20.50		
		15	0	19.56	19.61	19.48	20.50		
		256QAM	1	0	17.50	17.38	17.45	18.50	
			1	7	17.60	17.63	17.46	18.50	
			1	14	17.64	17.49	17.52	18.50	
			8	0	17.50	17.52	17.23	18.50	
			8	4	17.57	17.67	17.44	18.50	
			8	7	17.51	17.55	17.56	18.50	
			15	0	17.55	17.68	17.36	18.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						18625	18900	19175	
5MHz	QPSK	1	0	20.25	20.47	20.34	21.50		
		1	13	20.50	20.43	20.39	21.50		
		1	24	20.35	20.15	20.52	21.50		
		12	0	20.45	20.65	20.30	21.50		
		12	6	20.58	20.60	20.32	21.50		
		12	13	20.51	20.56	20.52	21.50		
		25	0	20.44	20.64	20.56	21.50		
	16QAM	1	0	20.48	20.56	20.26	21.50		
		1	13	20.60	20.71	20.25	21.50		
		1	24	20.72	20.53	20.72	21.50		
		12	0	20.45	20.70	20.36	21.50		
		12	6	20.37	20.60	20.39	21.50		
		12	13	20.63	20.46	20.52	21.50		
		25	0	20.50	20.48	20.44	21.50		
	64QAM	1	0	20.46	20.44	20.30	21.50		
		1	13	20.56	20.49	20.49	21.50		
		1	24	20.72	20.52	20.49	21.50		
		12	0	19.45	19.55	19.41	20.50		
		12	6	19.54	19.55	19.54	20.50		
		12	13	19.64	19.44	19.60	20.50		
		25	0	19.43	19.61	19.39	20.50		
	256QAM	1	0	17.57	17.44	17.33	18.50		
		1	13	17.45	17.63	17.60	18.50		
		1	24	17.61	17.39	17.57	18.50		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	12	0	17.48	17.63	17.22	18.50	
		12	6	17.53	17.69	17.53	18.50	
		12	13	17.61	17.50	17.39	18.50	
		25	0	17.53	17.51	17.48	18.50	
	16QAM	QPSK	1	0	20.38	20.59	20.25	21.50
			1	25	20.43	20.55	20.46	21.50
			1	49	20.50	20.27	20.49	21.50
			25	0	20.33	20.65	20.47	21.50
			25	13	20.52	20.62	20.28	21.50
			25	25	20.60	20.49	20.53	21.50
		16QAM	50	0	20.42	20.45	20.59	21.50
			1	0	20.45	20.47	20.41	21.50
			1	25	20.57	20.71	20.32	21.50
			1	49	20.71	20.37	20.65	21.50
			25	0	20.33	20.61	20.40	21.50
			25	13	20.42	20.61	20.51	21.50
	64QAM	25	25	20.59	20.55	20.51	21.50	
		50	0	20.43	20.54	20.37	21.50	
		1	0	20.47	20.59	20.20	21.50	
		1	25	20.72	20.57	20.57	21.50	
		1	49	20.74	20.56	20.36	21.50	
		25	0	19.49	19.56	19.34	20.50	
		25	13	19.57	19.47	19.61	20.50	
	256QAM	25	25	19.67	19.39	19.59	20.50	
		50	0	19.39	19.60	19.45	20.50	
		1	0	17.66	17.45	17.35	18.50	
		1	25	17.56	17.69	17.50	18.50	
		1	49	17.48	17.38	17.72	18.50	
25		0	17.43	17.55	17.33	18.50		
25		13	17.47	17.55	17.38	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	0	20.35	20.59	20.31	21.50	
		1	38	20.55	20.59	20.44	21.50	
		1	74	20.42	20.18	20.42	21.50	



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		36	0	20.42	20.67	20.44	21.50
		36	18	20.48	20.66	20.29	21.50
		36	39	20.61	20.54	20.55	21.50
		75	0	20.45	20.50	20.59	21.50
	16QAM	1	0	20.53	20.64	20.31	21.50
		1	38	20.61	20.71	20.24	21.50
		1	74	20.69	20.36	20.60	21.50
		36	0	20.49	20.62	20.36	21.50
		36	18	20.31	20.66	20.38	21.50
		36	39	20.58	20.57	20.40	21.50
		75	0	20.40	20.53	20.28	21.50
	64QAM	1	0	20.48	20.41	20.24	21.50
		1	38	20.64	20.47	20.60	21.50
		1	74	20.71	20.58	20.43	21.50
		36	0	19.41	19.57	19.46	20.50
		36	18	19.50	19.43	19.50	20.50
		36	39	19.69	19.50	19.57	20.50
		75	0	19.54	19.47	19.50	20.50
	256QAM	1	0	17.58	17.41	17.27	18.50
		1	38	17.54	17.68	17.57	18.50
		1	74	17.66	17.55	17.58	18.50
		36	0	17.34	17.54	17.37	18.50
		36	18	17.61	17.67	17.40	18.50
		36	39	17.58	17.52	17.46	18.50
		75	0	17.60	17.59	17.40	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.34	20.55	20.29	21.50
		1	50	20.48	20.56	20.36	21.50
		1	99	20.49	20.20	20.57	21.50
		50	0	20.38	20.60	20.39	21.50
		50	25	20.55	20.59	20.37	21.50
		50	50	20.57	20.49	20.47	21.50
		100	0	20.47	20.54	20.49	21.50
	16QAM	1	0	20.52	20.56	20.35	21.50
		1	50	20.65	20.62	20.27	21.50
		1	99	20.63	20.45	20.70	21.50
		50	0	20.40	20.61	20.39	21.50
		50	25	20.41	20.60	20.46	21.50



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		50	50	20.55	20.54	20.42	21.50
		100	0	20.46	20.51	20.38	21.50
	64QAM	1	0	20.38	20.49	20.29	21.50
		1	50	20.65	20.47	20.50	21.50
		1	99	20.64	20.50	20.41	21.50
		50	0	19.40	19.56	19.39	20.50
		50	25	19.47	19.48	19.52	20.50
		50	50	19.60	19.47	19.51	20.50
		100	0	19.46	19.52	19.48	20.50
	256QAM	1	0	17.56	17.46	17.37	18.50
		1	50	17.52	17.69	17.52	18.50
		1	99	17.58	17.46	17.62	18.50
		50	0	17.41	17.57	17.27	18.50
		50	25	17.55	17.59	17.47	18.50
50		50	17.60	17.46	17.46	18.50	
100		0	17.51	17.58	17.41	18.50	

LTE Band 2 Eci7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.01	20.07	20.03	21.00
		1	2	20.05	20.02	19.75	21.00
		1	5	20.13	20.05	20.11	21.00
		3	0	19.95	20.13	20.05	21.00
		3	2	20.08	20.00	20.10	21.00
		3	3	20.17	20.16	20.09	21.00
		6	0	20.05	20.15	20.14	21.00
	16QAM	1	0	20.09	20.07	20.28	21.00
		1	2	20.10	20.18	20.05	21.00
		1	5	20.23	20.20	20.55	21.00
		3	0	20.03	20.20	19.90	21.00
		3	2	20.11	20.01	19.94	21.00
		3	3	20.17	20.03	20.08	21.00
		6	0	20.01	20.00	19.98	21.00
	64QAM	1	0	20.13	20.32	20.14	21.00
		1	2	20.04	19.28	20.15	21.00
		1	5	20.13	19.52	20.46	21.00
		3	0	19.37	19.69	19.35	21.00



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		3	2	19.58	19.42	19.47	21.00
		3	3	19.62	19.51	19.61	21.00
		6	0	19.61	19.57	19.55	20.50
	256QAM	1	0	17.56	17.67	17.26	18.50
		1	2	17.66	17.62	17.61	18.50
		1	5	17.46	17.50	17.86	18.50
		3	0	17.46	17.70	17.68	18.50
		3	2	17.47	17.52	17.29	18.50
		3	3	17.61	17.54	17.30	18.50
6	0	17.93	17.65	17.57	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.94	20.14	19.99	21.00
		1	7	20.13	20.20	19.75	21.00
		1	14	20.31	19.86	20.23	21.00
		8	0	19.97	20.09	20.05	21.00
		8	4	20.07	20.16	20.01	21.00
		8	7	20.05	20.07	20.09	21.00
		15	0	20.04	20.09	20.11	21.00
	16QAM	1	0	20.11	20.15	20.20	21.00
		1	7	20.20	20.12	20.02	21.00
		1	14	20.10	20.26	20.49	21.00
		8	0	19.94	20.22	19.99	21.00
		8	4	20.22	20.18	20.00	21.00
		8	7	20.21	20.02	20.02	21.00
		15	0	20.17	20.10	20.12	21.00
	64QAM	1	0	20.11	20.30	20.22	21.00
		1	7	20.14	19.39	19.99	21.00
		1	14	20.05	19.59	20.27	21.00
		8	0	19.38	19.64	19.48	20.50
		8	4	19.64	19.57	19.38	20.50
		8	7	19.55	19.59	19.67	20.50
		15	0	19.53	19.52	19.52	20.50
	256QAM	1	0	17.47	17.56	17.25	18.50
		1	7	17.53	17.65	17.45	18.50
		1	14	17.50	17.59	17.84	18.50
		8	0	17.33	17.57	17.77	18.50
		8	4	17.39	17.58	17.27	18.50
		8	7	17.58	17.53	17.43	18.50



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Bandwidth	Modulation	RB size	RB offset	15	0	17.96	17.68	17.44	18.50
				Channel	Channel	Channel	Tune up		
				18625	18900	19175			
5MHz	QPSK	1	0	19.99	20.06	19.90	21.00		
		1	13	20.14	20.00	19.84	21.00		
		1	24	20.20	19.96	20.20	21.00		
		12	0	20.04	20.16	19.95	21.00		
		12	6	20.18	20.09	20.06	21.00		
		12	13	20.17	20.17	20.14	21.00		
		25	0	19.99	20.20	20.06	21.00		
	16QAM	1	0	20.22	20.24	20.21	21.00		
		1	13	20.25	20.11	20.08	21.00		
		1	24	20.11	20.17	20.54	21.00		
		12	0	19.96	20.06	20.04	21.00		
		12	6	20.11	20.20	19.94	21.00		
		12	13	20.11	20.07	20.02	21.00		
		25	0	20.01	20.05	20.03	21.00		
	64QAM	1	0	20.07	20.32	20.16	21.00		
		1	13	20.07	19.44	20.09	21.00		
		1	24	20.08	19.49	20.35	21.00		
		12	0	19.44	19.53	19.54	20.50		
		12	6	19.47	19.56	19.56	20.50		
		12	13	19.54	19.53	19.65	20.50		
		25	0	19.52	19.59	19.56	20.50		
	256QAM	1	0	17.53	17.51	17.39	18.50		
		1	13	17.65	17.61	17.52	18.50		
		1	24	17.61	17.49	17.77	18.50		
		12	0	17.40	17.72	17.68	18.50		
		12	6	17.50	17.56	17.43	18.50		
		12	13	17.48	17.51	17.39	18.50		
		25	0	17.96	17.70	17.54	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				18650	18900	19150			
10MHz	QPSK	1	0	19.94	20.04	19.86	21.00		
		1	25	20.21	20.05	19.76	21.00		
		1	49	20.19	19.90	20.22	21.00		
		25	0	19.92	20.10	19.93	21.00		
		25	13	20.05	20.02	19.96	21.00		
		25	25	20.09	19.98	20.19	21.00		



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		50	0	20.09	20.14	20.08	21.00
	16QAM	1	0	20.09	20.10	20.15	21.00
		1	25	20.14	20.22	20.12	21.00
		1	49	20.22	20.10	20.46	21.00
		25	0	19.90	20.19	20.06	21.00
		25	13	20.21	20.00	20.09	21.00
		25	25	20.11	19.99	20.01	21.00
		50	0	20.04	20.05	20.04	21.00
	64QAM	1	0	20.03	20.23	20.12	21.00
		1	25	19.97	19.30	20.01	21.00
		1	49	20.07	19.49	20.42	21.00
		25	0	19.44	19.64	19.40	20.50
		25	13	19.63	19.48	19.42	20.50
		25	25	19.59	19.55	19.69	20.50
		50	0	19.53	19.58	19.57	20.50
	256QAM	1	0	17.58	17.66	17.43	18.50
		1	25	17.61	17.70	17.45	18.50
		1	49	17.63	17.55	17.93	18.50
		25	0	17.49	17.62	17.75	18.50
		25	13	17.44	17.62	17.32	18.50
		25	25	17.53	17.40	17.27	18.50
		50	0	17.90	17.56	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.08	20.05	19.88	21.00
		1	38	20.11	20.01	19.84	21.00
		1	74	20.18	19.91	20.14	21.00
		36	0	20.03	20.10	19.96	21.00
		36	18	20.06	20.09	19.99	21.00
		36	39	20.21	20.09	20.13	21.00
		75	0	20.01	20.20	20.06	21.00
	16QAM	1	0	20.10	20.08	20.30	21.00
		1	38	20.09	20.13	20.16	21.00
		1	74	20.25	20.16	20.63	21.00
		36	0	19.92	20.21	20.04	21.00
		36	18	20.05	20.09	20.07	21.00
		36	39	20.26	20.11	20.05	21.00
		75	0	19.99	20.09	19.98	21.00
	64QAM	1	0	20.11	20.23	20.10	21.00



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		1	38	20.09	19.30	19.99	21.00
		1	74	20.10	19.62	20.30	21.00
		36	0	19.52	19.63	19.36	20.50
		36	18	19.44	19.61	19.52	20.50
		36	39	19.59	19.51	19.71	20.50
		75	0	19.56	19.58	19.42	20.50
		75	0	19.56	19.58	19.42	20.50
	256QAM	1	0	17.40	17.51	17.38	18.50
		1	38	17.47	17.76	17.55	18.50
		1	74	17.57	17.56	17.89	18.50
		36	0	17.38	17.66	17.62	18.50
		36	18	17.53	17.50	17.34	18.50
		36	39	17.49	17.53	17.38	18.50
		75	0	17.94	17.55	17.41	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.98	20.04	19.95	21.00
		1	50	20.14	20.10	19.83	21.00
		1	99	20.18	19.95	20.21	21.00
		50	0	20.00	20.11	19.98	21.00
		50	25	20.13	20.10	20.02	21.00
		50	50	20.14	20.07	20.10	21.00
		100	0	20.08	20.11	20.09	21.00
	16QAM	1	0	20.18	20.15	20.23	21.00
		1	50	20.19	20.20	20.08	21.00
		1	99	20.18	20.20	20.55	21.00
		50	0	20.00	20.15	19.98	21.00
		50	25	20.12	20.10	20.04	21.00
		50	50	20.16	20.08	20.08	21.00
		100	0	20.08	20.08	20.06	21.00
	64QAM	1	0	20.07	20.23	20.17	21.00
		1	50	20.07	19.34	20.08	21.00
		1	99	20.11	19.58	20.37	21.00
		50	0	19.46	19.63	19.45	20.50
		50	25	19.54	19.52	19.48	20.50
		50	50	19.63	19.54	19.63	20.50
		100	0	19.57	19.62	19.48	20.50
	256QAM	1	0	17.50	17.58	17.33	18.50
		1	50	17.57	17.66	17.55	18.50
		1	99	17.53	17.58	17.86	18.50



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		50	0	17.42	17.62	17.72	18.50
		50	25	17.46	17.57	17.37	18.50
		50	50	17.55	17.49	17.33	18.50
		100	0	17.90	17.64	17.51	18.50

LTE Band 2 Eci6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	21.88	21.96	21.84	22.50	
		1	2	21.76	21.77	21.81	22.50	
		1	5	21.85	21.73	21.65	22.50	
		3	0	21.74	21.59	21.57	22.50	
		3	2	21.56	21.50	21.47	22.50	
		3	3	21.49	21.61	21.64	22.50	
	16QAM	6	0	21.54	21.52	21.47	22.50	
		1	0	21.80	21.98	21.78	22.50	
		1	2	21.62	21.76	21.88	22.50	
		1	5	21.67	21.61	21.81	22.50	
		3	0	20.70	21.07	20.69	22.50	
		3	2	20.72	20.91	20.92	22.50	
	64QAM	3	3	20.91	20.88	20.76	22.50	
		6	0	20.47	20.57	20.48	21.50	
		1	0	20.39	20.44	20.34	21.50	
		1	2	20.58	20.44	20.49	21.50	
		1	5	20.72	20.45	20.31	21.50	
		3	0	19.90	19.98	19.87	21.50	
	256QAM	3	2	19.91	19.79	19.92	21.50	
		3	3	20.07	19.87	19.82	21.50	
		6	0	19.44	19.49	19.39	20.50	
		1	0	17.61	17.49	17.45	18.50	
		1	2	17.56	17.70	17.57	18.50	
		1	5	17.49	17.56	17.72	18.50	
			3	0	17.45	17.62	17.37	18.50
			3	2	17.50	17.64	17.45	18.50
			3	3	17.57	17.54	17.37	18.50
			6	0	17.48	17.49	17.50	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18615	18900	19185	



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3MHz	QPSK	1	0	21.97	21.94	21.79	22.50
		1	7	21.83	21.77	21.81	22.50
		1	14	21.82	21.72	21.62	22.50
		8	0	21.70	21.66	21.75	22.50
		8	4	21.66	21.57	21.67	22.50
		8	7	21.55	21.66	21.80	22.50
		15	0	21.59	21.52	21.61	22.50
	16QAM	1	0	21.67	21.91	21.60	22.50
		1	7	21.63	21.73	21.80	22.50
		1	14	21.77	21.64	21.81	22.50
		8	0	20.30	20.68	20.39	21.50
		8	4	20.37	20.69	20.52	21.50
		8	7	20.64	20.64	20.37	21.50
		15	0	20.55	20.58	20.29	21.50
	64QAM	1	0	20.41	20.47	20.28	21.50
		1	7	20.57	20.55	20.56	21.50
		1	14	20.72	20.40	20.41	21.50
		8	0	19.46	19.55	19.48	20.50
		8	4	19.55	19.50	19.45	20.50
		8	7	19.67	19.53	19.58	20.50
		15	0	19.53	19.51	19.42	20.50
256QAM	1	0	17.65	17.48	17.35	18.50	
	1	7	17.44	17.74	17.54	18.50	
	1	14	17.55	17.56	17.61	18.50	
	8	0	17.39	17.47	17.26	18.50	
	8	4	17.63	17.62	17.46	18.50	
	8	7	17.61	17.56	17.54	18.50	
	15	0	17.61	17.58	17.51	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.95	21.91	21.82	22.50
		1	13	21.80	21.77	21.85	22.50
		1	24	21.73	21.75	21.76	22.50
		12	0	21.78	21.66	21.57	22.50
		12	6	21.68	21.67	21.48	22.50
		12	13	21.52	21.72	21.62	22.50
		25	0	21.70	21.59	21.58	22.50
	16QAM	1	0	21.85	21.92	21.80	22.50
		1	13	21.77	21.80	21.90	22.50



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		1	24	21.65	21.65	21.76	22.50	
		12	0	20.40	20.71	20.31	21.50	
		12	6	20.38	20.52	20.37	21.50	
		12	13	20.51	20.52	20.44	21.50	
		25	0	20.51	20.59	20.29	21.50	
	64QAM	1	0	20.31	20.51	20.19	21.50	
		1	13	20.61	20.54	20.45	21.50	
		1	24	20.70	20.48	20.51	21.50	
		12	0	19.50	19.52	19.41	20.50	
		12	6	19.55	19.46	19.56	20.50	
		12	13	19.55	19.53	19.42	20.50	
	256QAM	25	0	19.44	19.48	19.56	20.50	
		1	0	17.55	17.51	17.34	18.50	
		1	13	17.45	17.67	17.42	18.50	
		1	24	17.60	17.48	17.62	18.50	
		12	0	17.34	17.66	17.18	18.50	
		12	6	17.46	17.64	17.46	18.50	
		12	13	17.65	17.46	17.53	18.50	
	25	0	17.48	17.60	17.47	18.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18650	18900	19150	
10MHz	QPSK	1	0	21.84	21.90	21.85	22.50	
		1	25	21.65	21.70	21.68	22.50	
		1	49	21.72	21.73	21.71	22.50	
		25	0	21.78	21.72	21.72	22.50	
		25	13	21.51	21.63	21.48	22.50	
		25	25	21.62	21.69	21.67	22.50	
		50	0	21.65	21.63	21.48	22.50	
	16QAM	1	0	21.74	21.94	21.71	22.50	
		1	25	21.75	21.69	21.94	22.50	
		1	49	21.70	21.68	21.83	22.50	
		25	0	20.47	20.63	20.31	21.50	
		25	13	20.44	20.69	20.54	21.50	
		25	25	20.57	20.47	20.36	21.50	
		50	0	20.37	20.50	20.28	21.50	
	64QAM	1	0	20.36	20.55	20.31	21.50	
		1	25	20.68	20.52	20.46	21.50	
		1	49	20.55	20.48	20.37	21.50	
		25	0	19.45	19.65	19.32	20.50	



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		25	13	19.50	19.46	19.47	20.50
		25	25	19.54	19.52	19.59	20.50
		50	0	19.45	19.47	19.41	20.50
	256QAM	1	0	17.58	17.41	17.46	18.50
		1	25	17.44	17.67	17.48	18.50
		1	49	17.68	17.49	17.52	18.50
		25	0	17.48	17.64	17.32	18.50
		25	13	17.62	17.56	17.47	18.50
	25	25	17.65	17.48	17.55	18.50	
	50	0	17.61	17.49	17.41	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	21.79	22.00	21.79	22.50
		1	38	21.78	21.78	21.70	22.50
		1	74	21.82	21.67	21.65	22.50
		36	0	21.83	21.74	21.68	22.50
		36	18	21.53	21.54	21.56	22.50
		36	39	21.59	21.73	21.69	22.50
		75	0	21.58	21.62	21.49	22.50
	16QAM	1	0	21.73	21.98	21.77	22.50
		1	38	21.76	21.71	21.96	22.50
		1	74	21.78	21.52	21.89	22.50
		36	0	20.30	20.71	20.49	21.50
		36	18	20.35	20.70	20.43	21.50
		36	39	20.58	20.52	20.40	21.50
		75	0	20.49	20.57	20.44	21.50
	64QAM	1	0	20.38	20.43	20.36	21.50
		1	38	20.63	20.45	20.54	21.50
		1	74	20.67	20.46	20.46	21.50
		36	0	19.30	19.52	19.36	20.50
		36	18	19.40	19.49	19.59	20.50
		36	39	19.56	19.42	19.56	20.50
		75	0	19.53	19.51	19.49	20.50
	256QAM	1	0	17.60	17.56	17.34	18.50
		1	38	17.55	17.69	17.45	18.50
		1	74	17.52	17.39	17.68	18.50
		36	0	17.35	17.48	17.37	18.50
		36	18	17.48	17.69	17.55	18.50
		36	39	17.60	17.46	17.52	18.50



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Bandwidth	Modulation	75	0	17.59	17.54	17.33	18.50
		RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	21.76	21.72	21.80	22.50
		1	50	21.73	21.76	21.78	22.50
		1	99	21.81	21.68	21.87	22.50
		50	0	21.65	21.64	21.65	22.50
		50	25	21.58	21.59	21.57	22.50
		50	50	21.68	21.63	21.67	22.50
		100	0	21.61	21.63	21.57	22.50
	16QAM	1	0	21.77	21.88	21.70	22.50
		1	50	21.67	21.75	21.86	22.50
		1	99	21.72	21.61	21.81	22.50
		50	0	20.40	20.61	20.39	21.50
		50	25	20.41	20.60	20.46	21.50
		50	50	20.55	20.54	20.42	21.50
		100	0	20.46	20.51	20.38	21.50
	64QAM	1	0	20.38	20.49	20.29	21.50
		1	50	20.65	20.47	20.50	21.50
		1	99	20.64	20.50	20.41	21.50
		50	0	19.40	19.56	19.39	20.50
		50	25	19.47	19.48	19.52	20.50
		50	50	19.60	19.47	19.51	20.50
		100	0	19.46	19.52	19.48	20.50
	256QAM	1	0	17.56	17.46	17.37	18.50
		1	50	17.52	17.69	17.52	18.50
		1	99	17.58	17.46	17.62	18.50
		50	0	17.41	17.57	17.27	18.50
		50	25	17.55	17.59	17.47	18.50
		50	50	17.60	17.46	17.46	18.50
		100	0	17.51	17.58	17.41	18.50

LTE Band 4 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.61	22.58	22.48	23.50
		1	2	22.66	22.50	22.62	23.50
		1	5	22.54	22.80	22.65	23.50



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		3	0	22.54	22.52	22.73	23.50
		3	2	22.59	22.65	22.54	23.50
		3	3	22.50	22.73	22.72	23.50
		6	0	21.52	21.64	21.69	22.50
	16QAM	1	0	21.74	21.88	21.82	22.50
		1	2	21.71	21.84	21.79	22.50
		1	5	21.96	21.85	22.00	22.50
		3	0	21.49	21.55	21.66	22.50
		3	2	21.55	21.48	21.69	22.50
		3	3	21.65	21.72	21.60	22.50
		6	0	20.64	20.65	20.71	21.50
	64QAM	1	0	20.56	20.73	20.41	21.50
		1	2	20.61	20.70	20.70	21.50
		1	5	20.76	20.78	20.71	21.50
		3	0	20.64	20.57	20.50	21.50
		3	2	20.68	20.71	20.73	21.50
		3	3	20.43	20.74	20.82	21.50
		6	0	19.54	19.54	19.78	20.50
	256QAM	1	0	17.49	17.69	17.64	18.50
		1	2	17.74	17.75	17.76	18.50
		1	5	17.84	17.68	17.96	18.50
3		0	17.50	17.49	17.47	18.50	
3		2	17.63	17.60	17.71	18.50	
3		3	17.47	17.69	17.65	18.50	
		6	0	17.69	17.53	17.69	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	22.57	22.51	22.69	23.50
		1	7	22.42	22.72	22.60	23.50
		1	14	22.82	22.63	22.77	23.50
		8	0	21.56	21.43	21.57	22.50
		8	4	21.51	21.57	21.57	22.50
		8	7	21.51	21.73	21.65	22.50
		15	0	21.68	21.54	21.70	22.50
	16QAM	1	0	21.83	21.89	21.81	22.50
		1	7	21.73	21.73	21.69	22.50
		1	14	21.70	21.95	22.05	22.50
		8	0	20.67	20.52	20.42	21.50
		8	4	20.48	20.56	20.67	21.50



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		8	7	20.52	20.57	20.57	21.50
		15	0	20.57	20.51	20.55	21.50
	64QAM	1	0	20.56	20.57	20.41	21.50
		1	7	20.71	20.65	20.63	21.50
		1	14	20.85	20.65	20.69	21.50
		8	0	19.61	19.47	19.50	20.50
		8	4	19.61	19.43	19.67	20.50
		8	7	19.58	19.81	19.69	20.50
		15	0	19.71	19.57	19.64	20.50
	256QAM	1	0	17.51	17.52	17.69	18.50
		1	7	17.65	17.70	17.81	18.50
		1	14	17.77	17.74	17.73	18.50
		8	0	17.62	17.61	17.45	18.50
		8	4	17.58	17.45	17.66	18.50
8		7	17.60	17.75	17.63	18.50	
15		0	17.69	17.62	17.65	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.49	22.51	22.46	23.50
		1	13	22.49	22.72	22.48	23.50
		1	24	22.55	22.69	22.64	23.50
		12	0	21.49	21.53	21.72	22.50
		12	6	21.73	21.61	21.82	22.50
		12	13	21.63	21.66	21.74	22.50
		25	0	21.71	21.46	21.52	22.50
	16QAM	1	0	21.89	21.84	21.66	22.50
		1	13	21.80	21.76	21.89	22.50
		1	24	21.89	21.96	21.84	22.50
		12	0	20.65	20.52	20.66	21.50
		12	6	20.55	20.45	20.79	21.50
		12	13	20.66	20.81	20.81	21.50
		25	0	20.67	20.47	20.51	21.50
	64QAM	1	0	20.66	20.60	20.46	21.50
		1	13	20.77	20.51	20.69	21.50
		1	24	20.69	20.93	20.80	21.50
		12	0	19.50	19.42	19.58	20.50
		12	6	19.48	19.44	19.54	20.50
		12	13	19.45	19.82	19.72	20.50
		25	0	19.75	19.65	19.51	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	256QAM	1	0	17.60	17.64	17.60	18.50	
		1	13	17.84	17.48	17.71	18.50	
		1	24	17.86	17.75	17.70	18.50	
		12	0	17.60	17.47	17.58	18.50	
		12	6	17.66	17.58	17.74	18.50	
		12	13	17.69	17.72	17.80	18.50	
		25	0	17.66	17.48	17.63	18.50	
	10MHz	QPSK	1	0	22.68	22.61	22.58	23.50
			1	25	22.51	22.44	22.74	23.50
			1	49	22.80	22.64	22.76	23.50
			25	0	21.58	21.52	21.62	22.50
			25	13	21.62	21.52	21.60	22.50
			25	25	21.69	21.56	21.79	22.50
			50	0	21.61	21.62	21.61	22.50
		16QAM	1	0	21.63	21.68	21.87	22.50
			1	25	21.56	21.76	21.80	22.50
			1	49	21.80	21.94	21.98	22.50
			25	0	20.68	20.54	20.63	21.50
			25	13	20.73	20.45	20.60	21.50
			25	25	20.59	20.77	20.57	21.50
			50	0	20.44	20.52	20.59	21.50
64QAM		1	0	20.81	20.56	20.50	21.50	
		1	25	20.77	20.56	20.69	21.50	
		1	49	20.68	20.86	20.66	21.50	
		25	0	19.60	19.40	19.51	20.50	
		25	13	19.49	19.71	19.74	20.50	
		25	25	19.61	19.56	19.85	20.50	
		50	0	19.59	19.49	19.74	20.50	
256QAM	1	0	17.79	17.65	17.65	18.50		
	1	25	17.87	17.56	17.67	18.50		
	1	49	17.72	17.66	17.88	18.50		
	25	0	17.53	17.54	17.50	18.50		
	25	13	17.61	17.60	17.54	18.50		
	25	25	17.70	17.55	17.63	18.50		
	50	0	17.69	17.52	17.62	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		



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15MHz	QPSK	1	0	22.52	22.65	22.45	23.50
		1	38	22.69	22.61	22.60	23.50
		1	74	22.58	22.68	22.81	23.50
		36	0	21.61	21.55	21.68	22.50
		36	18	21.71	21.71	21.69	22.50
		36	39	21.42	21.55	21.62	22.50
		75	0	21.64	21.64	21.62	22.50
	16QAM	1	0	21.64	21.75	21.70	22.50
		1	38	21.70	21.82	21.68	22.50
		1	74	21.95	21.94	21.81	22.50
		36	0	20.59	20.45	20.58	21.50
		36	18	20.73	20.50	20.77	21.50
		36	39	20.68	20.67	20.73	21.50
		75	0	20.53	20.56	20.74	21.50
	64QAM	1	0	20.66	20.51	20.68	21.50
		1	38	20.67	20.67	20.59	21.50
		1	74	20.67	20.92	20.74	21.50
		36	0	19.61	19.67	19.60	20.50
		36	18	19.58	19.49	19.78	20.50
		36	39	19.59	19.83	19.65	20.50
		75	0	19.63	19.52	19.61	20.50
	256QAM	1	0	17.58	17.68	17.51	18.50
		1	38	17.79	17.62	17.66	18.50
		1	74	17.77	17.70	17.71	18.50
		36	0	17.55	17.44	17.54	18.50
		36	18	17.45	17.56	17.61	18.50
		36	39	17.44	17.62	17.66	18.50
		75	0	17.45	17.61	17.73	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.60	22.55	22.57	23.50
		1	50	22.57	22.59	22.60	23.50
		1	99	22.68	22.73	22.73	23.50
		50	0	21.55	21.56	21.61	22.50
		50	25	21.61	21.59	21.69	22.50
		50	50	21.55	21.70	21.71	22.50
		100	0	21.59	21.59	21.64	22.50
	16QAM	1	0	21.74	21.75	21.74	22.50
		1	50	21.69	21.82	21.76	22.50



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		1	99	21.81	21.86	21.90	22.50
		50	0	20.56	20.58	20.57	21.50
		50	25	20.58	20.57	20.65	21.50
		50	50	20.56	20.69	20.71	21.50
		100	0	20.56	20.62	20.65	21.50
	64QAM	1	0	20.68	20.62	20.55	21.50
		1	50	20.64	20.59	20.66	21.50
		1	99	20.73	20.79	20.79	21.50
		50	0	19.55	19.53	19.57	20.50
		50	25	19.59	19.56	19.65	20.50
		50	50	19.58	19.70	19.74	20.50
	256QAM	100	0	19.60	19.58	19.66	20.50
		1	0	17.64	17.67	17.60	18.50
		1	50	17.74	17.61	17.77	18.50
		1	99	17.71	17.79	17.81	18.50
		50	0	17.53	17.54	17.52	18.50
		50	25	17.57	17.59	17.64	18.50
		50	50	17.57	17.70	17.70	18.50
	100	0	17.57	17.60	17.58	18.50	

LTE Band 4 Eci3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.02	19.97	19.95	21.00
		1	2	20.01	19.95	19.93	21.00
		1	5	19.98	19.96	19.94	21.00
		3	0	19.94	19.87	19.90	21.00
		3	2	19.96	19.88	19.92	21.00
		3	3	19.96	19.86	19.92	21.00
	16QAM	6	0	20.02	19.99	19.93	21.00
		1	0	20.16	20.17	19.89	21.00
		1	2	20.06	20.18	20.07	21.00
		1	5	20.14	19.92	20.02	21.00
		3	0	20.07	19.66	20.02	21.00
		3	2	20.05	19.87	20.00	21.00
		3	3	19.84	19.83	19.88	21.00
		6	0	19.96	20.02	19.97	21.00
		64QAM	1	0	20.03	19.71	19.92



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		1	2	19.99	20.07	19.93	21.00	
		1	5	20.01	19.99	19.94	21.00	
		3	0	19.99	19.97	19.85	21.00	
		3	2	20.04	20.05	19.85	21.00	
		3	3	20.03	19.94	19.90	21.00	
		6	0	19.43	19.39	19.40	20.50	
	256QAM	1	0	17.49	17.39	17.39	18.50	
		1	2	17.56	17.41	17.54	18.50	
		1	5	17.42	17.51	17.46	18.50	
		3	0	17.54	17.53	17.46	18.50	
		3	2	17.54	17.47	17.51	18.50	
		3	3	17.49	17.50	17.52	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
3MHz	QPSK	1	0	19.98	19.88	19.97	21.00	
		1	7	20.13	20.03	20.15	21.00	
		1	14	20.10	20.07	20.06	21.00	
		8	0	19.99	19.89	20.06	21.00	
		8	4	19.99	20.09	20.10	21.00	
		8	7	19.99	20.13	20.02	21.00	
		15	0	20.13	20.14	20.10	21.00	
	16QAM	1	0	20.14	20.02	19.97	21.00	
		1	7	20.08	20.08	19.71	21.00	
		1	14	19.96	20.14	19.94	21.00	
		8	0	20.07	19.94	19.97	21.00	
		8	4	20.04	20.07	20.10	21.00	
		8	7	19.99	20.02	20.01	21.00	
		15	0	20.09	19.93	20.02	21.00	
	64QAM	1	0	19.81	19.87	19.75	21.00	
		1	7	19.93	20.12	20.08	21.00	
		1	14	20.10	20.03	20.18	21.00	
		8	0	19.55	19.40	19.38	20.50	
		8	4	19.48	19.60	19.67	20.50	
		8	7	19.55	19.49	19.59	20.50	
		15	0	19.47	19.46	19.48	20.50	
	256QAM	1	0	17.53	17.43	17.53	18.50	
		1	7	17.45	17.51	17.71	18.50	
		1	14	17.53	17.53	17.59	18.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	8	0	17.56	17.48	17.51	18.50	
		8	4	17.39	17.56	17.57	18.50	
		8	7	17.34	17.54	17.56	18.50	
		15	0	17.44	17.53	17.43	18.50	
	16QAM	QPSK	1	0	19.92	20.00	19.94	21.00
			1	13	20.01	19.96	20.11	21.00
			1	24	20.02	20.04	19.97	21.00
			12	0	20.00	19.91	19.89	21.00
			12	6	20.11	20.11	20.14	21.00
			12	13	19.99	20.03	20.17	21.00
		16QAM	1	0	20.05	20.06	19.97	21.00
			1	13	20.03	19.99	19.88	21.00
			1	24	20.08	20.01	19.94	21.00
			12	0	19.89	20.02	19.92	21.00
			12	6	20.07	20.01	20.08	21.00
			12	13	20.00	20.03	20.10	21.00
	64QAM	16QAM	1	0	19.97	19.83	19.77	21.00
			1	13	19.88	19.99	20.12	21.00
			1	24	19.94	20.13	20.24	21.00
			12	0	19.41	19.49	19.43	20.50
			12	6	19.46	19.43	19.47	20.50
			12	13	19.52	19.65	19.49	20.50
			25	0	19.47	19.42	19.59	20.50
	256QAM	64QAM	1	0	17.46	17.44	17.52	18.50
			1	13	17.56	17.53	17.66	18.50
			1	24	17.67	17.68	17.60	18.50
			12	0	17.46	17.47	17.51	18.50
			12	6	17.46	17.53	17.65	18.50
12			13	17.46	17.64	17.55	18.50	
25			0	17.40	17.54	17.44	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK			20000	20175	20350		
		1	0	20.03	19.89	19.89	21.00	
		1	25	20.03	20.02	20.09	21.00	
		1	49	20.00	20.18	19.96	21.00	



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