

# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

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		25	0	19.94	20.09	19.93	21.00	
		25	13	20.11	20.01	20.19	21.00	
		25	25	19.90	20.08	20.03	21.00	
		50	0	19.94	20.02	20.03	21.00	
	16QAM	1	0	20.05	20.11	20.01	21.00	
		1	25	20.17	19.97	19.89	21.00	
		1	49	20.14	19.98	19.86	21.00	
		25	0	19.92	20.06	20.04	21.00	
		25	13	20.00	20.03	20.08	21.00	
		25	25	20.04	20.18	20.12	21.00	
		50	0	20.01	20.05	20.03	21.00	
	64QAM	1	0	19.95	19.83	19.87	21.00	
		1	25	20.05	20.11	20.04	21.00	
		1	49	19.98	19.93	20.24	21.00	
		25	0	19.46	19.41	19.45	20.50	
		25	13	19.56	19.60	19.67	20.50	
		25	25	19.49	19.45	19.63	20.50	
		50	0	19.51	19.49	19.52	20.50	
	256QAM	1	0	17.59	17.30	17.45	18.50	
		1	25	17.55	17.69	17.72	18.50	
		1	49	17.60	17.61	17.59	18.50	
		25	0	17.57	17.37	17.46	18.50	
		25	13	17.41	17.52	17.65	18.50	
		25	25	17.48	17.62	17.44	18.50	
		50	0	17.52	17.44	17.50	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
	15MHz	QPSK	1	0	19.97	19.85	19.93	21.00
1			38	19.96	19.96	20.07	21.00	
1			74	20.11	20.05	20.08	21.00	
36			0	20.07	19.94	19.88	21.00	
36			18	20.17	19.96	20.15	21.00	
36			39	20.09	20.14	20.04	21.00	
75			0	20.05	20.05	20.04	21.00	
16QAM		1	0	20.09	20.12	20.12	21.00	
		1	38	20.00	20.02	19.82	21.00	
		1	74	20.01	20.03	19.92	21.00	
		36	0	20.02	19.97	20.00	21.00	
		36	18	20.11	20.02	19.98	21.00	



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		36	39	20.07	20.07	20.04	21.00	
		75	0	19.99	19.98	19.92	21.00	
		64QAM	1	0	19.87	19.96	19.76	21.00
			1	38	19.95	19.98	20.02	21.00
			1	74	20.10	20.13	20.30	21.00
			36	0	19.54	19.55	19.48	20.50
			36	18	19.48	19.43	19.60	20.50
			36	39	19.52	19.48	19.66	20.50
			75	0	19.46	19.42	19.59	20.50
		256QAM	1	0	17.57	17.36	17.49	18.50
			1	38	17.56	17.63	17.72	18.50
			1	74	17.61	17.65	17.63	18.50
			36	0	17.49	17.55	17.43	18.50
			36	18	17.39	17.53	17.66	18.50
36	39		17.46	17.50	17.46	18.50		
75	0		17.48	17.53	17.34	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	1	0	19.94	19.94	19.96	21.00	
		1	50	20.04	20.04	20.05	21.00	
		1	99	20.03	20.10	20.03	21.00	
		50	0	20.04	19.99	19.97	21.00	
		50	25	20.08	20.04	20.09	21.00	
		50	50	20.00	20.10	20.08	21.00	
		100	0	20.03	20.05	20.04	21.00	
	16QAM	1	0	20.07	20.11	20.03	21.00	
		1	50	20.08	20.07	19.80	21.00	
		1	99	20.05	20.05	19.84	21.00	
		50	0	19.97	20.02	19.94	21.00	
		50	25	20.05	20.05	20.07	21.00	
		50	50	20.00	20.08	20.10	21.00	
		100	0	20.00	20.01	20.01	21.00	
	64QAM	1	0	19.90	19.86	19.83	21.00	
		1	50	19.98	20.02	20.09	21.00	
		1	99	20.02	20.03	20.24	21.00	
		50	0	19.51	19.47	19.44	20.50	
		50	25	19.54	19.51	19.57	20.50	
		50	50	19.51	19.55	19.58	20.50	
		100	0	19.48	19.51	19.52	20.50	



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256QAM	1	0	17.52	17.34	17.43	18.50
	1	50	17.52	17.61	17.71	18.50
	1	99	17.58	17.60	17.56	18.50
	50	0	17.49	17.45	17.42	18.50
	50	25	17.43	17.48	17.57	18.50
	50	50	17.44	17.57	17.51	18.50
	100	0	17.42	17.52	17.44	18.50

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	19.49	19.35	19.50	20.50
		1	2	19.57	19.51	19.50	20.50
		1	5	19.78	19.57	19.56	20.50
		3	0	19.57	19.60	19.60	20.50
		3	2	19.62	19.58	19.55	20.50
		3	3	19.61	19.73	19.59	20.50
		6	0	19.62	19.53	19.57	20.50
	16QAM	1	0	19.51	19.43	19.52	20.50
		1	2	19.47	19.41	19.65	20.50
		1	5	19.65	19.43	19.48	20.50
		3	0	19.78	19.60	19.59	20.50
		3	2	19.84	19.45	19.67	20.50
		3	3	19.55	19.69	19.56	20.50
		6	0	19.61	19.56	19.43	20.50
	64QAM	1	0	19.53	19.24	19.44	20.50
		1	2	19.43	19.66	19.61	20.50
		1	5	19.63	19.51	19.49	20.50
		3	0	19.69	19.58	19.44	20.50
		3	2	19.63	19.55	19.59	20.50
		3	3	19.61	19.63	19.63	20.50
		6	0	19.62	19.77	19.49	20.50
	256QAM	1	0	17.59	17.43	17.61	18.50
		1	2	17.69	17.57	17.46	18.50
		1	5	17.50	17.53	17.60	18.50
		3	0	17.47	17.51	17.37	18.50
		3	2	17.48	17.40	17.57	18.50
		3	3	17.43	17.61	17.60	18.50



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Bandwidth	Modulation	RB size	RB offset	6	0	17.53	17.61	17.40	18.50
				Channel	Channel	Channel	Tune up		
				19965	20175	20385			
3MHz	QPSK	1	0	19.51	19.27	19.37	20.50		
		1	7	19.46	19.60	19.66	20.50		
		1	14	19.66	19.45	19.56	20.50		
		8	0	19.72	19.58	19.45	20.50		
		8	4	19.67	19.58	19.52	20.50		
		8	7	19.68	19.62	19.55	20.50		
	16QAM	1	0	19.38	19.33	19.56	20.50		
		1	7	19.59	19.39	19.65	20.50		
		1	14	19.61	19.48	19.57	20.50		
		8	0	19.62	19.66	19.62	20.50		
		8	4	19.84	19.46	19.56	20.50		
		8	7	19.56	19.63	19.67	20.50		
	64QAM	15	0	19.62	19.50	19.46	20.50		
		1	0	19.65	19.39	19.43	20.50		
		1	7	19.59	19.58	19.60	20.50		
		1	14	19.70	19.45	19.65	20.50		
		8	0	19.62	19.61	19.62	20.50		
		8	4	19.69	19.57	19.42	20.50		
	256QAM	8	7	19.59	19.73	19.65	20.50		
		15	0	19.59	19.69	19.48	20.50		
		1	0	17.57	17.54	17.60	18.50		
		1	7	17.60	17.57	17.34	18.50		
		1	14	17.56	17.61	17.64	18.50		
		8	0	17.59	17.44	17.47	18.50		
5MHz	QPSK	8	4	17.35	17.48	17.55	18.50		
		8	7	17.51	17.59	17.53	18.50		
15		0	17.42	17.43	17.49	18.50			
1		0	19.50	19.24	19.50	20.50			
1		13	19.56	19.61	19.66	20.50			
1		24	19.66	19.49	19.57	20.50			
		12	0	19.65	19.59	19.60	20.50		
		12	6	19.75	19.52	19.62	20.50		
		12	13	19.63	19.77	19.56	20.50		



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		25	0	19.50	19.71	19.55	20.50
	16QAM	1	0	19.55	19.31	19.46	20.50
		1	13	19.50	19.54	19.64	20.50
		1	24	19.67	19.43	19.62	20.50
		12	0	19.81	19.57	19.61	20.50
		12	6	19.75	19.57	19.67	20.50
		12	13	19.59	19.78	19.70	20.50
		25	0	19.57	19.65	19.54	20.50
	64QAM	1	0	19.57	19.40	19.58	20.50
		1	13	19.60	19.52	19.61	20.50
		1	24	19.75	19.44	19.55	20.50
		12	0	19.53	19.62	19.53	20.50
		12	6	19.63	19.66	19.59	20.50
		12	13	19.56	19.63	19.57	20.50
		25	0	19.59	19.69	19.52	20.50
	256QAM	1	0	17.49	17.41	17.50	18.50
		1	13	17.60	17.62	17.44	18.50
		1	24	17.59	17.61	17.64	18.50
		12	0	17.48	17.47	17.41	18.50
		12	6	17.54	17.59	17.38	18.50
		12	13	17.41	17.54	17.57	18.50
		25	0	17.51	17.43	17.40	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.56	19.30	19.53	20.50
		1	25	19.59	19.56	19.63	20.50
		1	49	19.69	19.61	19.56	20.50
		25	0	19.60	19.59	19.49	20.50
		25	13	19.58	19.57	19.51	20.50
		25	25	19.59	19.74	19.61	20.50
		50	0	19.50	19.69	19.45	20.50
	16QAM	1	0	19.45	19.35	19.43	20.50
		1	25	19.48	19.55	19.68	20.50
		1	49	19.69	19.55	19.48	20.50
		25	0	19.71	19.59	19.52	20.50
		25	13	19.85	19.49	19.49	20.50
		25	25	19.58	19.64	19.50	20.50
		50	0	19.57	19.57	19.51	20.50
	64QAM	1	0	19.58	19.43	19.55	20.50



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		1	25	19.43	19.56	19.52	20.50	
		1	49	19.71	19.56	19.64	20.50	
		25	0	19.57	19.53	19.59	20.50	
		25	13	19.64	19.57	19.56	20.50	
		25	25	19.58	19.76	19.64	20.50	
		50	0	19.62	19.71	19.41	20.50	
	256QAM	1	0	17.49	17.47	17.50	18.50	
		1	25	17.67	17.64	17.51	18.50	
		1	49	17.59	17.57	17.64	18.50	
		25	0	17.54	17.53	17.41	18.50	
		25	13	17.49	17.55	17.43	18.50	
		25	25	17.57	17.46	17.67	18.50	
		50	0	17.51	17.44	17.39	18.50	
		Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325
15MHz		QPSK	1	0	19.48	19.26	19.45	20.50
			1	38	19.58	19.58	19.68	20.50
			1	74	19.59	19.47	19.66	20.50
			36	0	19.56	19.56	19.51	20.50
			36	18	19.63	19.58	19.51	20.50
	36		39	19.54	19.68	19.52	20.50	
	16QAM	75	0	19.60	19.54	19.44	20.50	
		1	0	19.52	19.35	19.42	20.50	
		1	38	19.54	19.39	19.68	20.50	
		1	74	19.59	19.51	19.54	20.50	
		36	0	19.78	19.63	19.52	20.50	
		36	18	19.83	19.49	19.51	20.50	
	64QAM	36	39	19.58	19.76	19.60	20.50	
		75	0	19.54	19.60	19.53	20.50	
		1	0	19.52	19.32	19.47	20.50	
		1	38	19.41	19.47	19.44	20.50	
		1	74	19.65	19.63	19.53	20.50	
		36	0	19.53	19.51	19.43	20.50	
	256QAM	36	18	19.66	19.52	19.44	20.50	
		36	39	19.60	19.68	19.62	20.50	
		75	0	19.55	19.77	19.43	20.50	
1		0	17.58	17.56	17.55	18.50		
1		38	17.69	17.66	17.53	18.50		
1		74	17.51	17.72	17.47	18.50		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	36	0	17.40	17.39	17.35	18.50
		36	18	17.46	17.55	17.51	18.50
		36	39	17.44	17.62	17.70	18.50
		75	0	17.44	17.57	17.39	18.50
	16QAM	1	0	19.56	19.34	19.46	20.50
		1	50	19.52	19.55	19.59	20.50
		1	99	19.69	19.53	19.59	20.50
		50	0	19.63	19.64	19.54	20.50
		50	25	19.68	19.56	19.60	20.50
		50	50	19.63	19.67	19.60	20.50
	64QAM	100	0	19.52	19.61	19.54	20.50
		1	0	19.47	19.40	19.47	20.50
		1	50	19.55	19.49	19.68	20.50
		1	99	19.60	19.49	19.52	20.50
		50	0	19.71	19.58	19.55	20.50
		50	25	19.75	19.48	19.59	20.50
	256QAM	50	50	19.63	19.69	19.60	20.50
		100	0	19.52	19.55	19.45	20.50
		1	0	19.56	19.33	19.52	20.50
		1	50	19.51	19.56	19.52	20.50
		1	99	19.68	19.54	19.58	20.50
		50	0	19.60	19.57	19.53	20.50
	256QAM	50	25	19.69	19.59	19.52	20.50
		50	50	19.59	19.69	19.60	20.50
		100	0	19.52	19.71	19.44	20.50
		1	0	17.56	17.49	17.51	18.50
		1	50	17.62	17.60	17.44	18.50
		1	99	17.56	17.63	17.54	18.50
256QAM	50	0	17.50	17.45	17.41	18.50	
	50	25	17.45	17.50	17.48	18.50	
	50	50	17.51	17.53	17.60	18.50	
	100	0	17.48	17.51	17.48	18.50	



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LTE Band 4 Rci6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.33	21.24	21.47	22.50
		1	2	21.35	21.40	21.45	22.50
		1	5	21.30	21.21	21.21	22.50
		3	0	21.20	21.17	21.30	22.50
		3	2	21.51	21.46	21.43	22.50
		3	3	21.55	21.46	21.52	22.50
		6	0	21.52	21.51	21.35	22.50
	16QAM	1	0	21.50	21.30	21.24	22.50
		1	2	21.26	21.44	21.49	22.50
		1	5	21.39	21.30	21.31	22.50
		3	0	21.40	21.26	21.36	22.50
		3	2	21.34	21.53	21.57	22.50
		3	3	21.16	21.40	21.19	22.50
		6	0	19.94	20.01	19.93	21.50
	64QAM	1	0	19.96	20.00	19.79	21.50
		1	2	20.08	20.12	20.17	21.50
		1	5	20.01	20.16	20.20	21.50
		3	0	19.99	20.14	19.94	21.50
		3	2	20.15	20.00	20.12	21.50
		3	3	20.09	20.13	20.06	21.50
		6	0	19.38	19.44	19.62	20.50
	256QAM	1	0	17.56	17.39	17.29	18.50
		1	2	17.60	17.68	17.76	18.50
		1	5	17.56	17.53	17.64	18.50
		3	0	17.66	17.40	17.54	18.50
		3	2	17.34	17.43	17.65	18.50
		3	3	17.49	17.49	17.35	18.50
		6	0	17.39	17.53	17.42	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.40	21.24	21.35	22.50
		1	7	21.36	21.34	21.47	22.50
		1	14	21.12	21.35	21.31	22.50
		8	0	21.13	21.13	21.29	22.50



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		8	4	21.50	21.48	21.49	22.50	
		8	7	21.44	21.54	21.46	22.50	
		15	0	21.52	21.40	21.41	22.50	
	16QAM	1	0	21.52	21.23	21.41	22.50	
		1	7	21.32	21.55	21.45	22.50	
		1	14	21.39	21.25	21.23	22.50	
		8	0	19.99	20.01	19.85	21.50	
		8	4	20.06	20.11	20.01	21.50	
		8	7	20.04	20.01	20.11	21.50	
		15	0	20.06	20.09	20.04	21.50	
	64QAM	1	0	19.76	19.83	19.86	21.50	
		1	7	19.90	20.00	20.15	21.50	
		1	14	20.07	19.98	20.16	21.50	
		8	0	19.45	19.50	19.40	20.50	
		8	4	19.53	19.35	19.62	20.50	
		8	7	19.47	19.58	19.59	20.50	
		15	0	19.39	19.46	19.54	20.50	
	256QAM	1	0	17.63	17.29	17.30	18.50	
		1	7	17.58	17.59	17.81	18.50	
		1	14	17.55	17.56	17.70	18.50	
		8	0	17.60	17.45	17.39	18.50	
		8	4	17.31	17.44	17.67	18.50	
		8	7	17.37	17.59	17.34	18.50	
		15	0	17.38	17.48	17.27	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
	5MHz	QPSK	1	0	21.31	21.42	21.43	22.50
			1	13	21.37	21.33	21.54	22.50
1			24	21.13	21.32	21.24	22.50	
12			0	21.02	21.16	21.39	22.50	
12			6	21.62	21.55	21.49	22.50	
12			13	21.55	21.41	21.61	22.50	
25			0	21.57	21.41	21.32	22.50	
16QAM		1	0	21.44	21.19	21.41	22.50	
		1	13	21.22	21.49	21.56	22.50	
		1	24	21.28	21.39	21.22	22.50	
		12	0	19.99	20.06	19.84	21.50	
		12	6	20.01	19.99	20.13	21.50	
		12	13	20.11	20.16	20.22	21.50	



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		25	0	19.94	20.15	20.02	21.50
	64QAM	1	0	19.81	19.79	19.86	21.50
		1	13	19.86	20.01	20.10	21.50
		1	24	20.02	20.03	20.23	21.50
		12	0	19.54	19.38	19.50	20.50
		12	6	19.56	19.39	19.63	20.50
		12	13	19.47	19.57	19.55	20.50
		25	0	19.39	19.36	19.60	20.50
	256QAM	1	0	17.67	17.22	17.30	18.50
		1	13	17.49	17.67	17.72	18.50
		1	24	17.61	17.56	17.61	18.50
		12	0	17.53	17.44	17.48	18.50
		12	6	17.45	17.45	17.61	18.50
		12	13	17.32	17.68	17.53	18.50
		25	0	17.34	17.62	17.31	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.28	21.36	21.36	22.50
		1	25	21.35	21.53	21.57	22.50
		1	49	21.21	21.32	21.23	22.50
		25	0	21.21	21.23	21.35	22.50
		25	13	21.61	21.53	21.47	22.50
		25	25	21.43	21.45	21.52	22.50
		50	0	21.45	21.49	21.37	22.50
	16QAM	1	0	21.44	21.39	21.39	22.50
		1	25	21.20	21.39	21.45	22.50
		1	49	21.21	21.33	21.16	22.50
		25	0	19.85	20.10	19.89	21.50
		25	13	20.17	20.00	20.09	21.50
		25	25	19.99	20.13	20.22	21.50
		50	0	20.07	19.96	19.90	21.50
	64QAM	1	0	19.96	19.80	19.70	21.50
		1	25	19.91	19.86	20.20	21.50
		1	49	20.08	19.86	20.27	21.50
		25	0	19.36	19.49	19.41	20.50
		25	13	19.42	19.31	19.68	20.50
		25	25	19.43	19.51	19.51	20.50
		50	0	19.42	19.32	19.45	20.50
	256QAM	1	0	17.56	17.33	17.29	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20025	20175	20325			
15MHz	QPSK	1	25	17.56	17.64	17.81	18.50		
		1	49	17.61	17.47	17.58	18.50		
		25	0	17.67	17.37	17.44	18.50		
		25	13	17.33	17.38	17.51	18.50		
		25	25	17.43	17.49	17.37	18.50		
		50	0	17.45	17.62	17.35	18.50		
	16QAM	16QAM	1	0	21.33	21.33	21.41	22.50	
			1	38	21.29	21.42	21.61	22.50	
			1	74	21.17	21.38	21.18	22.50	
			36	0	21.09	21.19	21.31	22.50	
			36	18	21.60	21.52	21.52	22.50	
			36	39	21.60	21.57	21.50	22.50	
		16QAM	16QAM	75	0	21.63	21.55	21.44	22.50
				1	0	21.51	21.39	21.41	22.50
				1	38	21.24	21.39	21.47	22.50
				1	74	21.34	21.44	21.24	22.50
				36	0	19.90	20.07	19.82	21.50
				36	18	20.18	20.09	20.14	21.50
	64QAM	64QAM	36	39	19.97	20.10	20.11	21.50	
			75	0	19.93	19.99	19.93	21.50	
			1	0	19.93	19.84	19.81	21.50	
1			38	19.90	20.04	20.10	21.50		
1			74	20.04	19.90	20.28	21.50		
36			0	19.50	19.32	19.48	20.50		
256QAM	256QAM	36	18	19.48	19.44	19.62	20.50		
		36	39	19.56	19.54	19.55	20.50		
		75	0	19.38	19.42	19.48	20.50		
		1	0	17.54	17.23	17.29	18.50		
		1	38	17.50	17.59	17.76	18.50		
		1	74	17.66	17.48	17.71	18.50		
20MHz	QPSK	36	0	17.48	17.46	17.38	18.50		
		36	18	17.39	17.44	17.69	18.50		
20MHz	QPSK	36	39	17.41	17.61	17.47	18.50		
		75	0	17.35	17.52	17.36	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20050	20175	20300			
20MHz	QPSK	1	0	21.38	21.32	21.43	22.50		



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		1	50	21.37	21.43	21.52	22.50
		1	99	21.22	21.31	21.27	22.50
		50	0	21.11	21.19	21.29	22.50
		50	25	21.56	21.46	21.53	22.50
		50	50	21.50	21.51	21.52	22.50
		100	0	21.54	21.47	21.38	22.50
	16QAM	1	0	21.46	21.29	21.34	22.50
		1	50	21.30	21.49	21.50	22.50
		1	99	21.29	21.35	21.23	22.50
		50	0	19.90	20.09	19.87	21.50
		50	25	20.08	20.07	20.07	21.50
		50	50	20.01	20.07	20.15	21.50
	64QAM	100	0	19.97	20.05	20.00	21.50
		1	0	19.86	19.76	19.79	21.50
		1	50	19.90	19.95	20.12	21.50
		1	99	20.08	19.96	20.22	21.50
		50	0	19.45	19.40	19.49	20.50
		50	25	19.50	19.41	19.64	20.50
	256QAM	50	50	19.50	19.58	19.49	20.50
		100	0	19.38	19.42	19.52	20.50
		1	0	17.59	17.29	17.37	18.50
1		50	17.54	17.69	17.79	18.50	
1		99	17.59	17.56	17.64	18.50	
50		0	17.58	17.43	17.46	18.50	
	50	25	17.37	17.48	17.61	18.50	
	50	50	17.42	17.58	17.44	18.50	
	50	50	17.42	17.58	17.44	18.50	
	100	0	17.41	17.58	17.35	18.50	

LTE Band 7 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.50	22.71	22.50	23.50
		1	13	22.34	22.67	22.41	23.50
		1	24	22.65	22.41	22.49	23.50
		12	0	21.36	21.84	21.51	22.50
		12	6	21.45	21.65	21.43	22.50
		12	13	21.48	21.62	21.59	22.50
		25	0	21.53	21.82	21.43	22.50



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	16QAM	1	0	21.78	22.13	21.70	22.50
		1	13	21.53	22.05	21.63	22.50
		1	24	21.80	21.60	21.69	22.50
		12	0	20.43	20.70	20.52	21.50
		12	6	20.53	20.85	20.61	21.50
		12	13	20.45	20.85	20.61	21.50
		25	0	20.62	20.81	20.57	21.50
	64QAM	1	0	20.46	21.00	20.61	21.50
		1	13	20.53	20.86	20.62	21.50
		1	24	20.72	20.85	20.66	21.50
		12	0	19.47	19.70	19.66	20.50
		12	6	19.73	19.73	19.65	20.50
		12	13	19.48	19.76	19.41	20.50
		25	0	19.63	19.83	19.50	20.50
	256QAM	1	0	17.48	18.02	17.50	18.50
		1	13	17.72	17.85	17.66	18.50
		1	24	17.88	17.75	17.56	18.50
		12	0	17.62	17.84	17.62	18.50
		12	6	17.52	17.93	17.46	18.50
		12	13	17.76	17.70	17.40	18.50
		25	0	17.50	17.85	17.45	18.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20800	21100	21400	
<b>10MHz</b>	QPSK	1	0	22.36	22.86	22.44	23.50
		1	25	22.59	22.85	22.35	23.50
		1	49	22.57	22.60	22.61	23.50
		25	0	21.30	21.70	21.39	22.50
		25	13	21.39	21.85	21.37	22.50
		25	25	21.45	21.71	21.35	22.50
		50	0	21.42	21.71	21.46	22.50
	16QAM	1	0	21.80	21.93	21.72	22.50
		1	25	21.60	21.77	21.64	22.50
		1	49	21.86	21.80	21.47	22.50
		25	0	20.69	20.79	20.72	21.50
		25	13	20.57	20.75	20.57	21.50
		25	25	20.65	20.71	20.42	21.50
		50	0	20.51	20.94	20.56	21.50
	64QAM	1	0	20.67	20.93	20.56	21.50
		1	25	20.60	21.03	20.47	21.50



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		1	49	20.71	20.67	20.48	21.50		
		25	0	19.50	19.95	19.47	20.50		
		25	13	19.59	19.90	19.63	20.50		
		25	25	19.50	19.81	19.38	20.50		
		50	0	19.47	19.78	19.45	20.50		
		256QAM	1	0	17.44	17.88	17.57	18.50	
			1	25	17.63	17.89	17.73	18.50	
			1	49	17.68	17.68	17.54	18.50	
			25	0	17.63	17.84	17.45	18.50	
			25	13	17.64	17.76	17.71	18.50	
			25	25	17.73	17.85	17.46	18.50	
			50	0	17.45	17.87	17.45	18.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20825	21100	21375	
15MHz	QPSK	1	0	22.44	22.72	22.45	23.50		
		1	38	22.50	22.65	22.59	23.50		
		1	74	22.47	22.53	22.52	23.50		
		36	0	21.41	21.73	21.55	22.50		
		36	18	21.59	21.75	21.40	22.50		
		36	39	21.69	21.67	21.44	22.50		
		75	0	21.32	21.64	21.55	22.50		
	16QAM	1	0	21.56	22.07	21.73	22.50		
		1	38	21.64	22.04	21.55	22.50		
		1	74	21.61	21.72	21.64	22.50		
		36	0	20.62	20.94	20.63	21.50		
		36	18	20.72	20.74	20.55	21.50		
		36	39	20.63	20.88	20.42	21.50		
		75	0	20.62	20.81	20.47	21.50		
	64QAM	1	0	20.54	20.95	20.65	21.50		
		1	38	20.58	21.08	20.63	21.50		
		1	74	20.80	20.83	20.72	21.50		
		36	0	19.38	19.71	19.46	20.50		
		36	18	19.62	19.71	19.59	20.50		
		36	39	19.75	19.72	19.44	20.50		
		75	0	19.48	19.76	19.55	20.50		
	256QAM	1	0	17.70	17.86	17.77	18.50		
		1	38	17.69	18.10	17.52	18.50		
		1	74	17.89	17.72	17.57	18.50		
		36	0	17.56	17.67	17.49	18.50		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz		36	18	17.53	17.79	17.52	18.50	
		36	39	17.66	17.71	17.38	18.50	
		75	0	17.62	17.92	17.56	18.50	
	QPSK	1	0	22.49	22.85	22.54	23.50	
		1	50	22.48	22.78	22.45	23.50	
		1	99	22.61	22.52	22.46	23.50	
		50	0	21.43	21.79	21.51	22.50	
		50	25	21.49	21.73	21.46	22.50	
		50	50	21.54	21.67	21.48	22.50	
		100	0	21.47	21.76	21.50	22.50	
		16QAM	1	0	21.65	21.99	21.65	22.50
			1	50	21.64	21.91	21.62	22.50
			1	99	21.75	21.72	21.58	22.50
			50	0	20.57	20.83	20.57	21.50
			50	25	20.59	20.83	20.57	21.50
			50	50	20.60	20.77	20.52	21.50
			100	0	20.56	20.85	20.56	21.50
		64QAM	1	0	20.59	20.99	20.63	21.50
			1	50	20.68	20.96	20.62	21.50
			1	99	20.72	20.74	20.58	21.50
			50	0	19.52	19.84	19.57	20.50
			50	25	19.58	19.85	19.56	20.50
			50	50	19.60	19.74	19.53	20.50
			100	0	19.56	19.78	19.58	20.50
	256QAM	1	0	17.58	17.93	17.62	18.50	
		1	50	17.69	17.97	17.60	18.50	
		1	99	17.77	17.72	17.57	18.50	
		50	0	17.55	17.82	17.53	18.50	
		50	25	17.58	17.82	17.59	18.50	
		50	50	17.61	17.76	17.53	18.50	
		100	0	17.55	17.81	17.56	18.50	

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	21.34	21.56	21.33	22.50



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		1	13	21.44	21.30	21.22	22.50	
		1	24	21.49	21.29	21.22	22.50	
		12	0	21.25	21.51	21.00	22.50	
		12	6	21.25	21.33	20.99	22.50	
		12	13	21.39	21.42	21.26	22.50	
		25	0	21.51	21.48	21.36	22.50	
	16QAM	1	0	21.57	21.80	21.20	22.50	
		1	13	21.31	21.74	21.12	22.50	
		1	24	21.35	21.56	21.39	22.50	
		12	0	19.69	19.66	19.57	21.50	
		12	6	19.86	20.09	19.71	21.50	
		12	13	19.70	19.66	19.59	21.50	
	64QAM	25	0	19.81	19.97	19.83	21.50	
		1	0	19.59	19.85	19.69	21.50	
		1	13	19.69	19.74	19.95	21.50	
		1	24	19.94	19.73	19.75	21.50	
		12	0	19.66	19.78	19.27	20.50	
		12	6	19.82	19.71	19.46	20.50	
	256QAM	12	13	19.88	19.70	19.59	20.50	
		25	0	19.64	19.76	19.60	20.50	
		1	0	17.63	17.79	17.53	18.50	
		1	13	17.64	17.86	17.54	18.50	
		1	24	17.95	17.47	17.65	18.50	
		12	0	17.42	17.80	17.40	18.50	
	10MHz	12	6	17.70	17.76	17.47	18.50	
		12	13	17.88	17.78	17.36	18.50	
		25	0	17.71	17.85	17.53	18.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20800	21100	21400	
10MHz		QPSK	1	0	21.34	21.68	21.26	22.50
	1		25	21.31	21.31	21.29	22.50	
	1		49	21.51	21.40	21.31	22.50	
	25		0	21.42	21.44	21.01	22.50	
	25		13	21.36	21.47	20.98	22.50	
	25		25	21.36	21.33	21.14	22.50	
	16QAM	50	0	21.41	21.49	21.25	22.50	
		1	0	21.54	21.82	21.11	22.50	
		1	25	21.25	21.76	21.22	22.50	
		1	49	21.41	21.71	21.49	22.50	



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		25	0	19.56	19.67	19.65	21.50		
		25	13	19.83	19.97	19.66	21.50		
		25	25	19.79	19.69	19.68	21.50		
		50	0	19.83	19.78	19.73	21.50		
	64QAM	1	0	19.61	19.83	19.73	21.50		
		1	25	19.68	19.69	19.88	21.50		
		1	49	19.97	19.61	19.72	21.50		
		25	0	19.61	19.76	19.46	20.50		
		25	13	19.76	19.76	19.46	20.50		
		25	25	19.90	19.76	19.45	20.50		
	256QAM	50	0	19.73	19.74	19.53	20.50		
		1	0	17.74	17.87	17.64	18.50		
		1	25	17.62	17.89	17.48	18.50		
		1	49	17.95	17.52	17.61	18.50		
		25	0	17.39	17.90	17.39	18.50		
		25	13	17.67	17.72	17.58	18.50		
		25	25	17.76	17.61	17.39	18.50		
		50	0	17.59	17.77	17.69	18.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20825	21100	21375	
	15MHz	QPSK	1	0	21.44	21.74	21.27	22.50	
1			38	21.40	21.30	21.27	22.50		
1			74	21.40	21.40	21.37	22.50		
36			0	21.39	21.34	20.98	22.50		
36			18	21.32	21.50	20.94	22.50		
36			39	21.35	21.32	21.24	22.50		
75			0	21.44	21.39	21.34	22.50		
16QAM		1	0	21.61	21.85	21.18	22.50		
		1	38	21.43	21.64	21.21	22.50		
		1	74	21.32	21.60	21.39	22.50		
		36	0	19.58	19.75	19.61	21.50		
		36	18	19.89	19.93	19.71	21.50		
		36	39	19.78	19.77	19.67	21.50		
		75	0	19.84	19.78	19.68	21.50		
64QAM		1	0	19.55	19.93	19.63	21.50		
		1	38	19.60	19.69	19.82	21.50		
		1	74	19.99	19.68	19.77	21.50		
		36	0	19.47	19.76	19.33	20.50		
		36	18	19.64	19.83	19.51	20.50		



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	256QAM	36	39	19.87	19.66	19.57	20.50
		75	0	19.68	19.71	19.56	20.50
		1	0	17.78	17.77	17.51	18.50
		1	38	17.70	17.87	17.48	18.50
		1	74	17.90	17.46	17.53	18.50
		36	0	17.44	17.93	17.37	18.50
		36	18	17.66	17.85	17.64	18.50
		36	39	17.82	17.71	17.50	18.50
		75	0	17.62	17.81	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.37	21.66	21.30	22.50
		1	50	21.35	21.38	21.19	22.50
		1	99	21.45	21.37	21.23	22.50
		50	0	21.32	21.59	21.17	22.50
		50	25	21.27	21.51	21.02	22.50
		50	50	21.42	21.39	21.11	22.50
		100	0	21.46	21.56	21.30	22.50
	16QAM	1	0	21.55	21.79	21.20	22.50
		1	50	21.34	21.69	21.22	22.50
		1	99	21.42	21.65	21.40	22.50
		50	0	19.50	19.73	19.53	21.50
		50	25	19.86	19.99	19.67	21.50
		50	50	19.80	19.76	19.56	21.50
		100	0	19.82	19.88	19.74	21.50
	64QAM	1	0	19.55	19.85	19.65	21.50
		1	50	19.52	19.78	19.87	21.50
		1	99	19.90	19.64	19.70	21.50
		50	0	19.57	19.74	19.36	20.50
		50	25	19.72	19.75	19.47	20.50
		50	50	19.81	19.75	19.53	20.50
		100	0	19.73	19.72	19.51	20.50
	256QAM	1	0	17.71	17.85	17.57	18.50
		1	50	17.65	17.87	17.52	18.50
		1	99	17.88	17.56	17.60	18.50
		50	0	17.48	17.89	17.46	18.50
		50	25	17.75	17.80	17.54	18.50
		50	50	17.82	17.70	17.43	18.50
		100	0	17.68	17.77	17.60	18.50



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LTE Band 7 Eci7/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.55	20.81	20.43	21.50
		1	13	20.41	20.59	20.42	21.50
		1	24	20.53	20.40	20.47	21.50
		12	0	20.57	20.68	20.44	21.50
		12	6	20.48	20.69	20.45	21.50
		12	13	20.50	20.63	20.53	21.50
		25	0	20.55	20.77	20.47	21.50
	16QAM	1	0	20.57	20.92	20.51	21.50
		1	13	20.48	20.49	20.42	21.50
		1	24	20.81	20.76	20.65	21.50
		12	0	20.30	20.63	20.44	21.50
		12	6	20.46	20.59	20.49	21.50
		12	13	20.47	20.67	20.37	21.50
		25	0	20.36	20.74	20.49	21.50
	64QAM	1	0	20.28	20.76	20.34	21.50
		1	13	20.11	20.88	20.41	21.50
		1	24	20.45	20.58	20.49	21.50
		12	0	19.46	19.56	19.54	20.50
		12	6	19.55	19.71	19.59	20.50
		12	13	19.61	19.63	19.50	20.50
		25	0	19.61	19.79	19.53	20.50
	256QAM	1	0	17.46	17.76	17.64	18.50
		1	13	17.58	17.48	17.54	18.50
		1	24	17.57	17.39	17.65	18.50
		12	0	17.35	17.63	17.46	18.50
		12	6	17.50	17.72	17.56	18.50
		12	13	17.47	17.60	17.55	18.50
		25	0	17.49	17.42	17.35	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.45	20.78	20.40	21.50
		1	25	20.46	20.66	20.48	21.50
		1	49	20.49	20.53	20.47	21.50
		25	0	20.40	20.60	20.47	21.50



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		25	13	20.48	20.64	20.42	21.50	
		25	25	20.56	20.68	20.43	21.50	
		50	0	20.50	20.76	20.54	21.50	
	16QAM	1	0	20.43	20.96	20.61	21.50	
		1	25	20.60	20.53	20.62	21.50	
		1	49	20.78	20.75	20.69	21.50	
		25	0	20.15	20.73	20.48	21.50	
		25	13	20.33	20.77	20.35	21.50	
		25	25	20.43	20.64	20.47	21.50	
		50	0	20.34	20.64	20.48	21.50	
	64QAM	1	0	20.33	20.74	20.37	21.50	
		1	25	20.05	20.91	20.54	21.50	
		1	49	20.43	20.51	20.63	21.50	
		25	0	19.58	19.68	19.45	20.50	
		25	13	19.49	19.81	19.47	20.50	
		25	25	19.55	19.75	19.46	20.50	
		50	0	19.42	19.85	19.48	20.50	
	256QAM	1	0	17.51	17.79	17.58	18.50	
		1	25	17.53	17.59	17.64	18.50	
		1	49	17.64	17.38	17.60	18.50	
		25	0	17.42	17.55	17.49	18.50	
		25	13	17.62	17.65	17.51	18.50	
		25	25	17.46	17.73	17.67	18.50	
		50	0	17.54	17.44	17.42	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
	15MHz	QPSK	1	0	20.50	20.75	20.42	21.50
			1	38	20.47	20.54	20.46	21.50
1			74	20.45	20.41	20.40	21.50	
36			0	20.41	20.67	20.54	21.50	
36			18	20.41	20.77	20.52	21.50	
36			39	20.48	20.53	20.43	21.50	
75			0	20.50	20.80	20.55	21.50	
16QAM		1	0	20.56	20.94	20.70	21.50	
		1	38	20.62	20.53	20.45	21.50	
		1	74	20.81	20.76	20.69	21.50	
		36	0	20.34	20.68	20.35	21.50	
		36	18	20.51	20.78	20.40	21.50	
		36	39	20.45	20.57	20.49	21.50	



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		75	0	20.31	20.72	20.34	21.50
	64QAM	1	0	20.34	20.63	20.33	21.50
		1	38	20.03	20.83	20.43	21.50
		1	74	20.32	20.57	20.45	21.50
		36	0	19.42	19.55	19.54	20.50
		36	18	19.67	19.78	19.47	20.50
		36	39	19.58	19.72	19.57	20.50
		75	0	19.56	19.81	19.48	20.50
	256QAM	1	0	17.56	17.71	17.57	18.50
		1	38	17.60	17.44	17.55	18.50
		1	74	17.66	17.35	17.60	18.50
		36	0	17.38	17.59	17.39	18.50
		36	18	17.57	17.60	17.54	18.50
		36	39	17.54	17.67	17.65	18.50
		75	0	17.49	17.50	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.41	20.74	20.48	21.50
		1	50	20.42	20.64	20.46	21.50
		1	99	20.50	20.49	20.44	21.50
		50	0	20.43	20.72	20.44	21.50
		50	25	20.48	20.70	20.47	21.50
		50	50	20.45	20.58	20.42	21.50
		100	0	20.40	20.70	20.45	21.50
	16QAM	1	0	20.44	20.94	20.61	21.50
		1	50	20.52	20.54	20.52	21.50
		1	99	20.79	20.67	20.60	21.50
		50	0	20.25	20.72	20.39	21.50
		50	25	20.43	20.69	20.45	21.50
		50	50	20.38	20.62	20.40	21.50
		100	0	20.40	20.69	20.39	21.50
	64QAM	1	0	20.31	20.69	20.36	21.50
		1	50	20.04	20.88	20.51	21.50
		1	99	20.42	20.58	20.55	21.50
		50	0	19.51	19.63	19.55	20.50
		50	25	19.58	19.81	19.55	20.50
		50	50	19.62	19.72	19.49	20.50
		100	0	19.52	19.78	19.51	20.50
	256QAM	1	0	17.53	17.80	17.61	18.50



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		1	50	17.55	17.50	17.57	18.50
		1	99	17.60	17.45	17.60	18.50
		50	0	17.35	17.60	17.46	18.50
		50	25	17.54	17.70	17.52	18.50
		50	50	17.51	17.64	17.58	18.50
		100	0	17.50	17.50	17.45	18.50

LTE Band 66 Eci2/4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	22.62	22.54	22.61	23.50	
		1	2	22.59	22.78	22.62	23.50	
		1	5	22.62	22.65	22.60	23.50	
		3	0	22.67	22.44	22.65	23.50	
		3	1	22.73	22.66	22.75	23.50	
		3	3	22.58	22.77	22.48	23.50	
	16QAM	6	0	21.47	21.81	21.55	22.50	
		1	0	21.76	21.87	21.89	22.50	
		1	2	21.70	21.84	21.90	22.50	
		1	5	22.04	21.93	21.89	22.50	
		3	0	21.61	21.50	21.67	22.50	
		3	1	21.61	21.66	21.59	22.50	
	64QAM	3	3	21.64	21.71	21.61	22.50	
		6	0	20.59	20.54	20.70	21.50	
		1	0	20.45	20.57	20.78	21.50	
		1	2	20.73	20.57	20.55	21.50	
		1	5	20.57	20.86	20.61	21.50	
		3	0	20.62	20.63	20.61	21.50	
	256QAM	3	1	20.60	20.67	20.69	21.50	
		3	3	20.52	20.59	20.54	21.50	
		6	0	19.64	19.81	19.70	20.50	
		1	0	17.46	17.82	17.75	18.50	
		1	2	17.87	17.87	17.66	18.50	
		1	5	17.66	17.78	17.87	18.50	
			3	0	17.52	17.69	17.72	18.50
			3	1	17.65	17.57	17.67	18.50
			3	3	17.56	17.61	17.50	18.50
			6	0	17.49	17.65	17.52	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	QPSK	1	0	22.63	22.56	22.55	23.50	
		1	7	22.72	22.77	22.53	23.50	
		1	14	22.57	22.66	22.52	23.50	
		8	0	21.71	21.62	21.67	22.50	
		8	4	21.70	21.74	21.77	22.50	
		8	7	21.59	21.58	21.52	22.50	
	16QAM	15	0	21.44	21.56	21.59	22.50	
		1	0	21.82	21.77	21.68	22.50	
		1	7	21.78	21.98	21.91	22.50	
		1	14	22.05	21.87	21.78	22.50	
		8	0	20.73	20.71	20.57	21.50	
		8	4	20.62	20.67	20.54	21.50	
	64QAM	8	7	20.54	20.83	20.60	21.50	
		15	0	20.72	20.63	20.71	21.50	
		1	0	20.55	20.66	20.75	21.50	
		1	7	20.56	20.78	20.61	21.50	
		1	14	20.85	20.66	20.76	21.50	
		8	0	19.50	19.56	19.52	20.50	
	256QAM	8	4	19.50	19.53	19.75	20.50	
		8	7	19.62	19.74	19.70	20.50	
		15	0	19.56	19.55	19.48	20.50	
		1	0	17.71	17.82	17.75	18.50	
		1	7	17.79	17.79	17.76	18.50	
		1	14	17.71	17.88	17.74	18.50	
	5MHz	QPSK	8	0	17.60	17.69	17.63	18.50
			8	4	17.55	17.63	17.71	18.50
			8	7	17.71	17.81	17.56	18.50
15			0	17.51	17.50	17.70	18.50	
1			0	22.50	22.66	22.54	23.50	
1			13	22.66	22.72	22.47	23.50	
1			24	22.76	22.62	22.71	23.50	
12	0	21.49	21.56	21.51	22.50			
12	6	21.43	21.87	21.52	22.50			
12	13	21.54	21.79	21.76	22.50			
25	0	21.54	21.57	21.52	22.50			



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	16QAM	1	0	21.83	21.87	21.92	22.50
		1	13	21.75	21.73	21.64	22.50
		1	24	22.05	21.95	21.90	22.50
		12	0	20.71	20.72	20.48	21.50
		12	6	20.48	20.67	20.56	21.50
		12	13	20.60	20.66	20.55	21.50
		25	0	20.68	20.63	20.44	21.50
	64QAM	1	0	20.61	20.49	20.68	21.50
		1	13	20.52	20.74	20.51	21.50
		1	24	20.63	20.79	20.77	21.50
		12	0	19.50	19.74	19.77	20.50
		12	6	19.63	19.69	19.72	20.50
		12	13	19.72	19.77	19.71	20.50
		25	0	19.70	19.57	19.67	20.50
	256QAM	1	0	17.74	17.70	17.80	18.50
		1	13	17.87	17.77	17.81	18.50
		1	24	17.89	17.96	17.87	18.50
		12	0	17.43	17.66	17.74	18.50
		12	6	17.69	17.71	17.56	18.50
		12	13	17.44	17.67	17.52	18.50
		25	0	17.56	17.77	17.45	18.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				132022	132322	132622	
<b>10MHz</b>	QPSK	1	0	22.56	22.46	22.49	23.50
		1	25	22.49	22.63	22.59	23.50
		1	49	22.54	22.75	22.58	23.50
		25	0	21.48	21.44	21.77	22.50
		25	13	21.45	21.87	21.51	22.50
		25	25	21.70	21.86	21.72	22.50
		50	0	21.69	21.56	21.57	22.50
	16QAM	1	0	21.55	21.68	21.81	22.50
		1	25	21.62	21.84	21.65	22.50
		1	49	21.81	22.04	21.75	22.50
		25	0	20.72	20.55	20.49	21.50
		25	13	20.65	20.53	20.77	21.50
		25	25	20.54	20.79	20.67	21.50
		50	0	20.52	20.74	20.61	21.50
	64QAM	1	0	20.57	20.49	20.54	21.50
		1	25	20.77	20.82	20.66	21.50



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		1	49	20.86	20.74	20.78	21.50		
		25	0	19.43	19.60	19.55	20.50		
		25	13	19.52	19.59	19.71	20.50		
		25	25	19.53	19.85	19.64	20.50		
		50	0	19.68	19.80	19.45	20.50		
		256QAM	1	0	17.54	17.84	17.53	18.50	
			1	25	17.67	17.92	17.85	18.50	
			1	49	17.71	17.99	17.60	18.50	
			25	0	17.64	17.59	17.47	18.50	
			25	13	17.71	17.62	17.52	18.50	
			25	25	17.70	17.66	17.73	18.50	
			50	0	17.49	17.52	17.58	18.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						132047	132322	132597	
15MHz	QPSK	1	0	22.43	22.68	22.67	23.50		
		1	38	22.48	22.55	22.66	23.50		
		1	74	22.65	22.69	22.61	23.50		
		36	0	21.47	21.70	21.74	22.50		
		36	18	21.55	21.79	21.68	22.50		
		36	39	21.79	21.73	21.55	22.50		
		75	0	21.49	21.80	21.67	22.50		
	16QAM	1	0	21.55	21.66	21.83	22.50		
		1	38	21.59	21.75	21.84	22.50		
		1	74	21.81	22.03	21.74	22.50		
		36	0	20.60	20.77	20.70	21.50		
		36	18	20.55	20.54	20.65	21.50		
		36	39	20.64	20.75	20.61	21.50		
		75	0	20.72	20.78	20.64	21.50		
	64QAM	1	0	20.68	20.66	20.57	21.50		
		1	38	20.65	20.61	20.71	21.50		
		1	74	20.87	20.81	20.68	21.50		
		36	0	19.53	19.67	19.64	20.50		
		36	18	19.72	19.70	19.68	20.50		
		36	39	19.67	19.64	19.66	20.50		
		75	0	19.59	19.61	19.52	20.50		
	256QAM	1	0	17.64	17.54	17.73	18.50		
		1	38	17.74	17.67	17.68	18.50		
		1	74	17.87	17.90	17.89	18.50		
		36	0	17.50	17.65	17.69	18.50		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	36	18	17.49	17.86	17.71	18.50
		36	39	17.51	17.81	17.51	18.50
		75	0	17.66	17.50	17.62	18.50
	16QAM	1	0	22.52	22.56	22.58	23.50
		1	50	22.63	22.70	22.57	23.50
		1	99	22.62	22.72	22.67	23.50
		50	0	21.58	21.57	21.64	22.50
		50	25	21.58	21.72	21.63	22.50
		50	50	21.66	21.73	21.63	22.50
	64QAM	100	0	21.59	21.69	21.63	22.50
		1	0	21.69	21.73	21.78	22.50
		1	50	21.74	21.83	21.77	22.50
		1	99	21.95	21.96	21.85	22.50
		50	0	20.59	20.63	20.63	21.50
		50	25	20.57	20.65	20.62	21.50
	256QAM	50	50	20.66	20.71	20.64	21.50
		100	0	20.60	20.65	20.58	21.50
		1	0	20.56	20.62	20.65	21.50
		1	50	20.63	20.69	20.66	21.50
		1	99	20.72	20.75	20.68	21.50
		50	0	19.55	19.59	19.62	20.50
	QPSK	50	25	19.58	19.68	19.62	20.50
		50	50	19.62	19.72	19.64	20.50
		100	0	19.57	19.68	19.58	20.50
		1	0	17.59	17.69	17.67	18.50
		1	50	17.72	17.77	17.71	18.50
		1	99	17.79	17.84	17.75	18.50
	QPSK	50	0	17.54	17.58	17.60	18.50
		50	25	17.58	17.71	17.60	18.50
		50	50	17.59	17.69	17.62	18.50
100		0	17.53	17.65	17.60	18.50	

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	20.07	20.03	19.93	21.00



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		1	2	20.04	19.99	19.92	21.00	
		1	5	20.07	20.08	19.89	21.00	
		3	0	20.10	19.99	19.94	21.00	
		3	1	20.05	20.00	19.88	21.00	
		3	3	20.05	20.00	19.93	21.00	
		6	0	20.10	20.06	19.93	21.00	
	16QAM	1	0	20.19	20.09	19.97	21.00	
		1	2	19.93	20.20	19.65	21.00	
		1	5	20.13	20.06	19.85	21.00	
		3	0	20.10	19.67	19.90	21.00	
		3	1	20.18	19.89	19.92	21.00	
		3	3	20.05	19.94	19.87	21.00	
	64QAM	6	0	20.11	20.05	19.92	21.00	
		1	0	20.10	20.07	19.93	21.00	
		1	2	20.09	20.07	19.79	21.00	
		1	5	20.09	20.10	19.88	21.00	
		3	0	19.85	19.91	19.90	21.00	
		3	1	20.09	20.05	19.89	21.00	
	256QAM	3	3	20.09	20.02	19.91	21.00	
		6	0	19.52	19.44	19.31	20.50	
		1	0	17.69	17.62	17.48	18.50	
		1	2	17.65	17.59	17.45	18.50	
		1	5	17.71	17.61	17.47	18.50	
		3	0	17.66	17.59	17.50	18.50	
	3MHz	3	1	17.66	17.60	17.47	18.50	
		3	3	17.68	17.58	17.49	18.50	
		6	0	17.56	17.49	17.29	18.50	
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					131987	132322	132657	
		QPSK	1	0	20.05	19.99	20.03	21.00
	1		7	20.03	20.20	19.97	21.00	
	1		14	20.24	20.10	20.03	21.00	
	8		0	20.03	20.00	20.02	21.00	
	8		4	20.10	20.23	19.98	21.00	
	8		7	20.12	20.24	20.09	21.00	
	16QAM	15	0	20.19	20.17	20.03	21.00	
		1	0	19.91	20.16	20.20	21.00	
		1	7	20.26	20.11	20.04	21.00	
		1	14	19.95	19.80	19.96	21.00	



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		8	0	20.04	20.09	19.90	21.00		
		8	4	20.04	20.20	20.01	21.00		
		8	7	20.17	20.22	20.08	21.00		
		15	0	20.13	20.16	20.00	21.00		
	64QAM	1	0	19.99	20.18	19.97	21.00		
		1	7	20.01	20.22	20.14	21.00		
		1	14	20.04	20.17	20.19	21.00		
		8	0	19.42	19.62	19.38	20.50		
		8	4	19.58	19.73	19.44	20.50		
		8	7	19.63	19.68	19.52	20.50		
	256QAM	15	0	19.57	19.65	19.36	20.50		
		1	0	17.52	17.77	17.57	18.50		
		1	7	17.59	17.64	17.60	18.50		
		1	14	17.72	17.64	17.60	18.50		
		8	0	17.56	17.44	17.47	18.50		
		8	4	17.52	17.63	17.43	18.50		
		8	7	17.59	17.65	17.39	18.50		
		15	0	17.53	17.50	17.46	18.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						131997	132322	132647	
	5MHz	QPSK	1	0	20.02	20.14	20.00	21.00	
1			13	20.17	20.10	20.04	21.00		
1			24	20.28	20.17	19.87	21.00		
12			0	20.03	20.16	20.09	21.00		
12			6	20.17	20.15	20.11	21.00		
12			13	20.15	20.13	20.08	21.00		
25			0	20.16	20.19	19.96	21.00		
16QAM		1	0	19.86	20.14	20.07	21.00		
		1	13	20.14	20.16	20.05	21.00		
		1	24	19.98	19.79	20.10	21.00		
		12	0	20.12	20.10	20.08	21.00		
		12	6	20.16	20.16	19.97	21.00		
		12	13	20.11	20.18	20.15	21.00		
64QAM		25	0	20.06	20.18	20.10	21.00		
		1	0	20.03	20.03	19.93	21.00		
		1	13	20.12	20.13	20.20	21.00		
		1	24	20.17	20.06	20.19	21.00		
		12	0	19.52	19.55	19.55	20.50		
			12	6	19.74	19.75	19.53	20.50	



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	256QAM	12	13	19.64	19.59	19.47	20.50
		25	0	19.48	19.52	19.33	20.50
		1	0	17.47	17.78	17.54	18.50
		1	13	17.58	17.75	17.61	18.50
		1	24	17.67	17.66	17.57	18.50
		12	0	17.58	17.59	17.59	18.50
		12	6	17.56	17.60	17.49	18.50
		12	13	17.61	17.55	17.51	18.50
		25	0	17.58	17.61	17.40	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.09	20.18	19.98	21.00
		1	25	20.14	20.07	19.96	21.00
		1	49	20.13	20.05	19.99	21.00
		25	0	20.13	20.05	20.04	21.00
		25	13	20.17	20.16	20.08	21.00
		25	25	20.22	20.10	20.08	21.00
		50	0	20.07	20.15	20.09	21.00
	16QAM	1	0	19.97	20.02	20.11	21.00
		1	25	20.16	20.13	20.03	21.00
		1	49	20.14	19.78	20.02	21.00
		25	0	20.18	19.95	19.98	21.00
		25	13	20.06	20.15	20.12	21.00
		25	25	20.18	20.07	20.12	21.00
	64QAM	50	0	20.04	20.20	19.98	21.00
		1	0	19.98	20.12	20.08	21.00
		1	25	20.00	20.14	20.11	21.00
		1	49	20.16	20.18	20.16	21.00
		25	0	19.41	19.54	19.43	20.50
		25	13	19.62	19.63	19.59	20.50
	256QAM	25	25	19.54	19.53	19.57	20.50
		50	0	19.61	19.50	19.42	20.50
		1	0	17.51	17.69	17.60	18.50
		1	25	17.57	17.80	17.60	18.50
		1	49	17.58	17.58	17.54	18.50
		25	0	17.61	17.52	17.39	18.50
		25	13	17.45	17.68	17.40	18.50
	25	25	17.70	17.61	17.57	18.50	
	50	0	17.65	17.55	17.58	18.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.04	20.00	20.06	21.00
		1	38	20.14	20.04	20.14	21.00
		1	74	20.11	20.24	19.89	21.00
		36	0	20.11	20.01	20.02	21.00
		36	18	20.05	20.12	19.97	21.00
		36	39	20.18	20.25	20.12	21.00
		75	0	20.17	20.21	19.92	21.00
	16QAM	1	0	19.92	20.04	20.08	21.00
		1	38	20.26	20.10	20.10	21.00
		1	74	19.96	19.80	20.15	21.00
		36	0	20.03	20.08	20.00	21.00
		36	18	20.19	20.17	19.98	21.00
		36	39	20.05	20.07	20.02	21.00
		75	0	20.18	20.01	19.95	21.00
	64QAM	1	0	19.96	20.18	19.99	21.00
		1	38	20.10	20.10	20.14	21.00
		1	74	20.17	20.14	20.19	21.00
		36	0	19.46	19.51	19.54	20.50
		36	18	19.72	19.57	19.63	20.50
		36	39	19.54	19.61	19.47	20.50
		75	0	19.58	19.52	19.38	20.50
	256QAM	1	0	17.60	17.62	17.66	18.50
		1	38	17.70	17.69	17.52	18.50
		1	74	17.65	17.56	17.60	18.50
		36	0	17.60	17.55	17.44	18.50
		36	18	17.56	17.72	17.55	18.50
		36	39	17.53	17.58	17.43	18.50
		75	0	17.68	17.51	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.01	20.08	19.98	21.00
		1	50	20.10	20.12	20.06	21.00
		1	99	20.19	20.15	19.94	21.00
		50	0	20.09	20.09	20.01	21.00
		50	25	20.14	20.14	20.04	21.00
		50	50	20.14	20.16	20.07	21.00
		100	0	20.14	20.13	20.01	21.00



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	16QAM	1	0	19.92	20.07	20.11	21.00
		1	50	20.20	20.06	20.00	21.00
		1	99	20.04	19.88	20.06	21.00
		50	0	20.09	20.05	20.00	21.00
		50	25	20.13	20.15	20.04	21.00
		50	50	20.15	20.15	20.05	21.00
	64QAM	100	0	20.09	20.10	20.00	21.00
		1	0	20.04	20.13	19.99	21.00
		1	50	20.07	20.19	20.11	21.00
		1	99	20.10	20.11	20.11	21.00
		50	0	19.51	19.57	19.48	20.50
		50	25	19.65	19.66	19.53	20.50
	256QAM	50	50	19.59	19.62	19.50	20.50
		100	0	19.57	19.60	19.43	20.50
		1	0	17.53	17.68	17.59	18.50
		1	50	17.66	17.71	17.52	18.50
		1	99	17.67	17.64	17.55	18.50
		50	0	17.54	17.51	17.49	18.50
		50	25	17.52	17.64	17.50	18.50
		50	50	17.60	17.61	17.47	18.50
		100	0	17.58	17.58	17.49	18.50

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	19.46	19.60	19.47	20.50
		1	2	19.54	19.55	19.58	20.50
		1	5	19.67	19.76	19.87	20.50
		3	0	19.58	19.57	19.58	20.50
		3	1	19.56	19.64	19.61	20.50
		3	3	19.82	19.70	19.74	20.50
	16QAM	6	0	19.75	19.59	19.62	20.50
		1	0	19.51	19.58	19.45	20.50
		1	2	19.65	19.58	19.54	20.50
		1	5	19.83	19.85	19.90	20.50
		3	0	19.63	19.65	19.56	20.50
		3	1	19.77	19.70	19.76	20.50
		3	3	19.66	19.76	19.54	20.50



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		6	0	19.73	19.61	19.48	20.50
	64QAM	1	0	19.40	19.52	19.53	20.50
		1	2	19.60	19.70	19.53	20.50
		1	5	19.77	19.78	19.82	20.50
		3	0	19.50	19.49	19.44	20.50
		3	1	19.72	19.59	19.67	20.50
		3	3	19.65	19.83	19.61	20.50
		6	0	19.74	19.65	19.60	20.50
	256QAM	1	0	17.40	17.33	17.40	18.50
		1	2	17.30	17.62	17.47	18.50
		1	5	17.66	17.64	17.56	18.50
		3	0	17.61	17.41	17.19	18.50
		3	1	17.42	17.52	17.60	18.50
		3	3	17.52	17.54	17.48	18.50
		6	0	17.51	17.38	17.37	18.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
<b>3MHz</b>	QPSK	1	0	19.57	19.49	19.47	20.50
		1	7	19.48	19.61	19.61	20.50
		1	14	19.67	19.66	19.82	20.50
		8	0	19.62	19.67	19.52	20.50
		8	4	19.74	19.63	19.58	20.50
		8	7	19.79	19.66	19.65	20.50
		15	0	19.56	19.66	19.56	20.50
	16QAM	1	0	19.58	19.49	19.58	20.50
		1	7	19.55	19.63	19.64	20.50
		1	14	19.85	19.77	19.97	20.50
		8	0	19.60	19.59	19.48	20.50
		8	4	19.77	19.87	19.70	20.50
		8	7	19.77	19.75	19.50	20.50
		15	0	19.71	19.71	19.41	20.50
	64QAM	1	0	19.40	19.70	19.63	20.50
		1	7	19.58	19.76	19.56	20.50
		1	14	19.72	19.68	19.97	20.50
		8	0	19.56	19.55	19.44	20.50
		8	4	19.67	19.65	19.65	20.50
		8	7	19.74	19.71	19.62	20.50
		15	0	19.64	19.74	19.57	20.50
	256QAM	1	0	17.41	17.25	17.47	18.50



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		1	7	17.35	17.55	17.44	18.50
		1	14	17.65	17.55	17.59	18.50
		8	0	17.44	17.51	17.20	18.50
		8	4	17.52	17.59	17.48	18.50
		8	7	17.42	17.48	17.42	18.50
		15	0	17.35	17.34	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.58	19.60	19.59	20.50
		1	13	19.54	19.61	19.67	20.50
		1	24	19.81	19.75	19.77	20.50
		12	0	19.74	19.68	19.53	20.50
		12	6	19.72	19.59	19.66	20.50
		12	13	19.80	19.68	19.63	20.50
		25	0	19.69	19.73	19.68	20.50
	16QAM	1	0	19.51	19.51	19.41	20.50
		1	13	19.60	19.63	19.53	20.50
		1	24	19.83	19.65	19.99	20.50
		12	0	19.54	19.59	19.50	20.50
		12	6	19.72	19.80	19.62	20.50
		12	13	19.84	19.87	19.51	20.50
		25	0	19.70	19.55	19.55	20.50
	64QAM	1	0	19.48	19.64	19.58	20.50
		1	13	19.57	19.66	19.62	20.50
		1	24	19.72	19.82	19.81	20.50
		12	0	19.63	19.58	19.43	20.50
		12	6	19.80	19.49	19.73	20.50
		12	13	19.70	19.79	19.64	20.50
		25	0	19.79	19.73	19.65	20.50
	256QAM	1	0	17.43	17.29	17.46	18.50
		1	13	17.26	17.43	17.44	18.50
		1	24	17.64	17.64	17.59	18.50
		12	0	17.51	17.37	17.15	18.50
		12	6	17.46	17.45	17.67	18.50
		12	13	17.45	17.55	17.34	18.50
		25	0	17.37	17.48	17.38	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.44	19.55	19.60	20.50



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		1	25	19.44	19.54	19.67	20.50
		1	49	19.87	19.69	19.90	20.50
		25	0	19.69	19.69	19.63	20.50
		25	13	19.76	19.68	19.78	20.50
		25	25	19.75	19.63	19.56	20.50
		50	0	19.66	19.78	19.52	20.50
	16QAM	1	0	19.55	19.49	19.50	20.50
		1	25	19.53	19.66	19.56	20.50
		1	49	19.89	19.68	19.98	20.50
		25	0	19.49	19.69	19.62	20.50
		25	13	19.78	19.72	19.71	20.50
		25	25	19.68	19.82	19.57	20.50
	64QAM	50	0	19.75	19.60	19.56	20.50
		1	0	19.43	19.61	19.66	20.50
		1	25	19.55	19.74	19.51	20.50
		1	49	19.63	19.84	19.90	20.50
		25	0	19.52	19.49	19.45	20.50
		25	13	19.72	19.56	19.84	20.50
	256QAM	25	25	19.60	19.74	19.62	20.50
		50	0	19.68	19.59	19.61	20.50
		1	0	17.30	17.29	17.55	18.50
1		25	17.34	17.51	17.46	18.50	
1		49	17.54	17.65	17.62	18.50	
25		0	17.51	17.37	17.22	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.53	19.46	19.50	20.50
		1	38	19.57	19.57	19.63	20.50
		1	74	19.69	19.76	19.84	20.50
		36	0	19.62	19.60	19.60	20.50
		36	18	19.64	19.60	19.71	20.50
		36	39	19.70	19.76	19.70	20.50
	16QAM	75	0	19.65	19.60	19.53	20.50
		1	0	19.63	19.54	19.53	20.50
		1	38	19.64	19.68	19.62	20.50
		1	74	19.95	19.81	19.96	20.50



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		36	0	19.47	19.67	19.47	20.50	
		36	18	19.62	19.70	19.71	20.50	
		36	39	19.64	19.80	19.63	20.50	
		75	0	19.72	19.57	19.57	20.50	
	64QAM	1	0	19.45	19.61	19.62	20.50	
		1	38	19.66	19.72	19.55	20.50	
		1	74	19.61	19.78	19.93	20.50	
		36	0	19.66	19.66	19.35	20.50	
		36	18	19.66	19.65	19.74	20.50	
		36	39	19.80	19.67	19.65	20.50	
		75	0	19.65	19.73	19.51	20.50	
	256QAM	1	0	17.28	17.21	17.35	18.50	
		1	38	17.27	17.45	17.30	18.50	
		1	74	17.65	17.52	17.53	18.50	
		36	0	17.53	17.33	17.22	18.50	
		36	18	17.47	17.46	17.48	18.50	
		36	39	17.40	17.36	17.35	18.50	
		75	0	17.47	17.39	17.41	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	19.51	19.55	19.57	20.50
			1	50	19.73	19.63	19.66	20.50
			1	99	19.70	19.71	19.68	20.50
			50	0	19.64	19.63	19.53	20.50
			50	25	19.66	19.68	19.68	20.50
			50	50	19.72	19.78	19.64	20.50
			100	0	19.65	19.68	19.58	20.50
		16QAM	1	0	19.61	19.58	19.51	20.50
1			50	19.55	19.59	19.57	20.50	
1			99	19.86	19.75	19.89	20.50	
50			0	19.57	19.61	19.55	20.50	
50			25	19.69	19.77	19.67	20.50	
50			50	19.74	19.79	19.54	20.50	
100			0	19.68	19.62	19.48	20.50	
64QAM		1	0	19.44	19.60	19.61	20.50	
		1	50	19.58	19.72	19.61	20.50	
		1	99	19.69	19.78	19.88	20.50	
		50	0	19.57	19.56	19.45	20.50	
		50	25	19.76	19.59	19.74	20.50	



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256QAM	50	50	19.70	19.77	19.58	20.50
	100	0	19.69	19.68	19.60	20.50
	1	0	17.34	17.28	17.45	18.50
	1	50	17.36	17.53	17.38	18.50
	1	99	17.59	17.60	17.59	18.50
	50	0	17.51	17.41	17.25	18.50
	50	25	17.42	17.53	17.57	18.50
	50	50	17.48	17.46	17.43	18.50
	100	0	17.45	17.40	17.45	18.50

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	21.44	21.32	21.48	22.50
		1	2	21.56	21.38	21.55	22.50
		1	5	21.65	21.53	21.73	22.50
		3	0	21.55	21.44	21.46	22.50
		3	1	21.46	21.58	21.68	22.50
		3	3	21.61	21.70	21.44	22.50
		6	0	21.42	21.56	21.46	22.50
	16QAM	1	0	21.43	21.57	21.69	22.50
		1	2	21.77	21.59	21.72	22.50
		1	5	21.45	21.68	21.66	22.50
		3	0	21.49	21.48	21.32	22.50
		3	1	21.58	21.46	21.54	22.50
		3	3	21.72	21.51	21.66	22.50
		6	0	20.03	20.07	19.98	21.50
	64QAM	1	0	20.02	20.06	19.96	21.50
		1	2	20.15	20.24	20.13	21.50
		1	5	20.13	20.13	20.18	21.50
		3	0	19.51	19.60	19.53	21.50
		3	1	19.67	19.66	19.59	21.50
		3	3	19.52	19.64	19.55	21.50
		6	0	19.51	19.64	19.50	20.50
	256QAM	1	0	17.53	17.64	17.63	18.50
		1	2	17.63	17.71	17.47	18.50
		1	5	17.73	17.67	17.51	18.50
		3	0	17.47	17.59	17.41	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
		3	1	17.46	17.55	17.43	18.50	
		3	3	17.51	17.69	17.45	18.50	
		6	0	17.54	17.60	17.56	18.50	
3MHz	QPSK	1	0	21.43	21.39	21.44	22.50	
		1	7	21.46	21.54	21.52	22.50	
		1	14	21.56	21.65	21.60	22.50	
		8	0	21.48	21.43	21.36	22.50	
		8	4	21.48	21.68	21.65	22.50	
		8	7	21.65	21.52	21.60	22.50	
		15	0	21.56	21.51	21.58	22.50	
	16QAM	1	0	21.53	21.60	21.72	22.50	
		1	7	21.65	21.58	21.66	22.50	
		1	14	21.41	21.65	21.49	22.50	
		8	0	20.02	20.06	19.90	21.50	
		8	4	20.12	20.23	20.00	21.50	
		8	7	20.12	20.20	20.12	21.50	
		15	0	19.99	20.02	19.90	21.50	
	64QAM	1	0	20.06	20.10	19.90	21.50	
		1	7	20.10	20.22	20.03	21.50	
		1	14	20.00	20.12	20.09	21.50	
		8	0	19.43	19.55	19.46	20.50	
		8	4	19.73	19.76	19.46	20.50	
		8	7	19.67	19.59	19.41	20.50	
		15	0	19.52	19.50	19.51	20.50	
	256QAM	1	0	17.48	17.74	17.52	18.50	
		1	7	17.56	17.75	17.60	18.50	
		1	14	17.61	17.67	17.57	18.50	
		8	0	17.55	17.50	17.39	18.50	
		8	4	17.60	17.59	17.49	18.50	
		8	7	17.70	17.68	17.40	18.50	
		15	0	17.50	17.52	17.43	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
	5MHz	QPSK	1	0	21.33	21.50	21.40	22.50
			1	13	21.54	21.44	21.46	22.50
			1	24	21.63	21.60	21.72	22.50
			12	0	21.53	21.47	21.51	22.50



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		12	6	21.52	21.56	21.69	22.50	
		12	13	21.69	21.57	21.46	22.50	
		25	0	21.55	21.49	21.48	22.50	
	16QAM	1	0	21.52	21.51	21.69	22.50	
		1	13	21.75	21.60	21.60	22.50	
		1	24	21.39	21.55	21.52	22.50	
		12	0	20.19	20.05	20.03	21.50	
		12	6	20.18	20.11	19.96	21.50	
		12	13	20.21	20.08	20.01	21.50	
		25	0	20.18	20.04	20.02	21.50	
	64QAM	1	0	20.09	20.21	20.03	21.50	
		1	13	20.12	20.23	20.09	21.50	
		1	24	20.18	20.08	20.06	21.50	
		12	0	19.58	19.63	19.43	20.50	
		12	6	19.60	19.63	19.61	20.50	
		12	13	19.49	19.54	19.59	20.50	
		25	0	19.63	19.68	19.35	20.50	
	256QAM	1	0	17.57	17.75	17.66	18.50	
		1	13	17.62	17.75	17.50	18.50	
		1	24	17.63	17.66	17.46	18.50	
		12	0	17.63	17.45	17.42	18.50	
		12	6	17.51	17.73	17.40	18.50	
		12	13	17.64	17.59	17.49	18.50	
		25	0	17.52	17.65	17.54	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	21.33	21.38	21.40	22.50
			1	25	21.43	21.55	21.54	22.50
1			49	21.71	21.50	21.70	22.50	
25			0	21.56	21.51	21.51	22.50	
25			13	21.60	21.68	21.78	22.50	
25			25	21.74	21.60	21.45	22.50	
50			0	21.53	21.63	21.58	22.50	
16QAM		1	0	21.53	21.49	21.67	22.50	
		1	25	21.72	21.61	21.54	22.50	
		1	49	21.37	21.58	21.55	22.50	
		25	0	20.02	20.02	20.10	21.50	
		25	13	20.08	20.15	20.11	21.50	
		25	25	20.19	20.11	20.01	21.50	



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	64QAM	50	0	20.12	20.08	20.09	21.50
		1	0	20.06	20.17	19.90	21.50
		1	25	20.14	20.18	20.10	21.50
		1	49	20.17	20.17	20.13	21.50
		25	0	19.42	19.58	19.44	20.50
		25	13	19.71	19.57	19.43	20.50
		25	25	19.64	19.64	19.47	20.50
	50	0	19.50	19.56	19.35	20.50	
	256QAM	1	0	17.58	17.78	17.53	18.50
		1	25	17.71	17.72	17.57	18.50
		1	49	17.73	17.68	17.63	18.50
		25	0	17.49	17.57	17.49	18.50
		25	13	17.62	17.59	17.44	18.50
		25	25	17.54	17.60	17.46	18.50
50		0	17.49	17.57	17.53	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.36	21.32	21.46	22.50
		1	38	21.53	21.46	21.40	22.50
		1	74	21.62	21.47	21.56	22.50
		36	0	21.51	21.44	21.40	22.50
		36	18	21.50	21.59	21.63	22.50
		36	39	21.74	21.58	21.44	22.50
		75	0	21.39	21.52	21.65	22.50
	16QAM	1	0	21.38	21.52	21.71	22.50
		1	38	21.68	21.59	21.62	22.50
		1	74	21.42	21.57	21.54	22.50
		36	0	20.03	20.13	20.10	21.50
		36	18	20.10	20.11	19.95	21.50
		36	39	20.22	20.12	20.00	21.50
		75	0	20.11	20.11	20.03	21.50
	64QAM	1	0	20.08	20.03	20.09	21.50
		1	38	20.02	20.24	20.03	21.50
		1	74	20.01	20.02	20.11	21.50
		36	0	19.60	19.58	19.42	20.50
		36	18	19.64	19.56	19.51	20.50
		36	39	19.64	19.70	19.58	20.50
		75	0	19.62	19.57	19.52	20.50
	256QAM	1	0	17.61	17.72	17.59	18.50



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		1	38	17.68	17.66	17.46	18.50
		1	74	17.74	17.58	17.58	18.50
		36	0	17.54	17.61	17.40	18.50
		36	18	17.46	17.59	17.46	18.50
		36	39	17.53	17.66	17.56	18.50
		75	0	17.55	17.59	17.46	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.40	21.41	21.40	22.50
		1	50	21.59	21.47	21.45	22.50
		1	99	21.54	21.66	21.64	22.50
		50	0	21.55	21.45	21.61	22.50
		50	25	21.50	21.58	21.58	22.50
		50	50	21.66	21.71	21.54	22.50
		100	0	21.48	21.57	21.55	22.50
	16QAM	1	0	21.45	21.54	21.77	22.50
		1	50	21.71	21.55	21.62	22.50
		1	99	21.38	21.58	21.57	22.50
		50	0	20.09	20.05	20.00	21.50
		50	25	20.13	20.15	20.04	21.50
		50	50	20.15	20.15	20.05	21.50
		100	0	20.09	20.10	20.00	21.50
	64QAM	1	0	20.04	20.13	19.99	21.50
		1	50	20.07	20.19	20.11	21.50
		1	99	20.10	20.11	20.11	21.50
		50	0	19.51	19.57	19.48	20.50
		50	25	19.65	19.66	19.53	20.50
		50	50	19.59	19.62	19.50	20.50
		100	0	19.57	19.60	19.43	20.50
	256QAM	1	0	17.53	17.68	17.59	18.50
		1	50	17.66	17.71	17.52	18.50
		1	99	17.67	17.64	17.55	18.50
		50	0	17.54	17.51	17.49	18.50
		50	25	17.52	17.64	17.50	18.50
		50	50	17.60	17.61	17.47	18.50
		100	0	17.58	17.58	17.49	18.50



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LTE Band 38 Eci2/3/4/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.75	22.71	22.76	23.50
		1	13	22.77	22.70	22.40	23.50
		1	24	22.76	22.68	22.33	23.50
		12	0	21.79	21.87	21.84	22.50
		12	6	21.77	21.84	21.64	22.50
		12	13	21.72	21.77	21.74	22.50
		25	0	21.71	21.82	21.66	22.50
	16QAM	1	0	21.91	21.44	21.31	22.50
		1	13	21.74	21.54	21.70	22.50
		1	24	21.80	21.46	21.63	22.50
		12	0	20.51	20.90	20.83	21.50
		12	6	20.92	20.71	20.81	21.50
		12	13	20.88	20.68	20.75	21.50
		25	0	20.84	20.70	20.85	21.50
	64QAM	1	0	20.60	20.37	20.31	21.50
		1	13	20.50	20.46	20.38	21.50
		1	24	20.54	20.33	20.11	21.50
		12	0	19.61	19.73	19.61	20.50
		12	6	19.67	19.66	19.60	20.50
		12	13	19.62	19.69	19.66	20.50
		25	0	19.71	19.65	19.69	20.50
	256QAM	1	0	17.73	17.65	17.70	18.50
		1	13	17.67	17.53	17.50	18.50
		1	24	17.60	17.46	17.50	18.50
		12	0	17.83	17.75	17.85	18.50
		12	6	17.90	17.90	17.68	18.50
		12	13	17.82	17.87	17.79	18.50
		25	0	17.75	17.82	17.67	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.72	22.73	22.67	23.50
		1	25	22.79	22.72	22.45	23.50
		1	49	22.62	22.59	22.50	23.50
		25	0	21.82	21.82	21.82	22.50



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		25	13	21.74	21.70	21.70	22.50	
		25	25	21.80	21.76	21.71	22.50	
		50	0	21.88	21.72	21.72	22.50	
	16QAM	1	0	21.89	21.37	21.35	22.50	
		1	25	21.79	21.55	21.60	22.50	
		1	49	21.70	21.60	21.72	22.50	
		25	0	20.49	20.90	20.74	21.50	
		25	13	20.75	20.85	20.77	21.50	
		25	25	20.74	20.69	20.65	21.50	
		50	0	20.72	20.81	20.72	21.50	
	64QAM	1	0	20.44	20.36	20.33	21.50	
		1	25	20.42	20.40	20.21	21.50	
		1	49	20.42	20.43	20.29	21.50	
		25	0	19.68	19.75	19.63	20.50	
		25	13	19.61	19.65	19.60	20.50	
		25	25	19.51	19.87	19.57	20.50	
		50	0	19.53	19.75	19.75	20.50	
	256QAM	1	0	17.57	17.67	17.68	18.50	
		1	25	17.64	17.61	17.46	18.50	
		1	49	17.54	17.62	17.39	18.50	
		25	0	17.95	17.79	17.84	18.50	
		25	13	17.97	17.86	17.84	18.50	
		25	25	17.82	17.70	17.76	18.50	
		50	0	17.80	17.72	17.73	18.50	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
	<b>15MHz</b>	QPSK	1	0	22.75	22.66	22.68	23.50
			1	38	22.83	22.70	22.41	23.50
1			74	22.73	22.71	22.40	23.50	
36			0	21.81	21.83	21.86	22.50	
36			18	21.77	21.85	21.63	22.50	
36			39	21.81	21.80	21.77	22.50	
75			0	21.86	21.83	21.71	22.50	
16QAM		1	0	21.87	21.43	21.50	22.50	
		1	38	21.70	21.68	21.55	22.50	
		1	74	21.88	21.52	21.57	22.50	
		36	0	20.45	20.81	20.71	21.50	
		36	18	20.89	20.76	20.73	21.50	
		36	39	20.85	20.82	20.78	21.50	



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		75	0	20.71	20.77	20.85	21.50
	64QAM	1	0	20.44	20.38	20.24	21.50
		1	38	20.41	20.28	20.20	21.50
		1	74	20.45	20.31	20.18	21.50
		36	0	19.64	19.78	19.65	20.50
		36	18	19.68	19.58	19.65	20.50
		36	39	19.61	19.74	19.54	20.50
		75	0	19.59	19.67	19.65	20.50
	256QAM	1	0	17.66	17.77	17.53	18.50
		1	38	17.61	17.53	17.55	18.50
		1	74	17.49	17.61	17.54	18.50
		36	0	17.95	17.79	17.73	18.50
		36	18	17.94	17.77	17.70	18.50
		36	39	17.76	17.69	17.66	18.50
		75	0	17.82	17.81	17.71	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.78	22.75	22.68	23.50
		1	50	22.76	22.67	22.49	23.50
		1	99	22.68	22.61	22.41	23.50
		50	0	21.85	21.80	21.76	22.50
		50	25	21.83	21.76	21.72	22.50
		50	50	21.78	21.74	21.67	22.50
		100	0	21.79	21.77	21.72	22.50
	16QAM	1	0	21.88	21.47	21.40	22.50
		1	50	21.69	21.61	21.63	22.50
		1	99	21.80	21.50	21.67	22.50
		50	0	20.51	20.81	20.77	21.50
		50	25	20.84	20.77	20.74	21.50
		50	50	20.81	20.72	20.70	21.50
		100	0	20.80	20.80	20.76	21.50
	64QAM	1	0	20.53	20.38	20.34	21.50
		1	50	20.41	20.38	20.30	21.50
		1	99	20.47	20.37	20.19	21.50
		50	0	19.59	19.70	19.69	20.50
		50	25	19.68	19.61	19.65	20.50
		50	50	19.55	19.77	19.58	20.50
		100	0	19.63	19.66	19.72	20.50
	256QAM	1	0	17.66	17.67	17.60	18.50



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		1	50	17.62	17.52	17.52	18.50
		1	99	17.59	17.54	17.47	18.50
		50	0	17.87	17.85	17.81	18.50
		50	25	17.87	17.82	17.77	18.50
		50	50	17.84	17.78	17.72	18.50
		100	0	17.78	17.77	17.71	18.50

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	20.24	20.39	20.28	22.00
		1	13	20.43	20.48	20.09	22.00
		1	24	20.24	20.28	20.35	22.00
		12	0	20.35	20.46	20.42	22.00
		12	6	20.55	20.39	20.32	22.00
		12	13	20.50	20.41	20.12	22.00
		25	0	20.50	20.31	20.29	22.00
	16QAM	1	0	20.32	20.28	20.27	22.00
		1	13	20.36	20.22	20.15	22.00
		1	24	20.33	20.08	20.24	22.00
		12	0	20.36	20.36	20.26	21.50
		12	6	20.38	20.35	20.29	21.50
		12	13	20.37	20.26	20.33	21.50
		25	0	20.53	20.31	20.20	21.50
	64QAM	1	0	20.11	20.11	19.97	21.50
		1	13	19.97	19.99	19.95	21.50
		1	24	20.02	19.63	19.88	21.50
		12	0	19.50	19.77	19.56	20.50
		12	6	19.44	19.78	19.52	20.50
		12	13	19.57	19.34	19.33	20.50
		25	0	19.51	19.61	19.35	20.50
	256QAM	1	0	17.51	17.56	17.35	18.50
		1	13	17.57	17.53	17.31	18.50
		1	24	17.47	17.23	17.26	18.50
		12	0	17.56	17.74	17.63	18.50
		12	6	17.74	17.69	17.53	18.50
		12	13	17.66	17.47	17.44	18.50
		25	0	17.51	17.68	17.63	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.28	20.48	20.23	22.00
		1	25	20.41	20.41	20.16	22.00
		1	49	20.38	20.11	20.14	22.00
		25	0	20.26	20.32	20.39	22.00
		25	13	20.47	20.33	20.29	22.00
		25	25	20.33	20.40	20.27	22.00
		50	0	20.46	20.32	20.19	22.00
	16QAM	1	0	20.43	20.43	20.23	22.00
		1	25	20.36	20.38	20.28	22.00
		1	49	20.43	20.29	20.28	22.00
		25	0	20.49	20.53	20.28	21.50
		25	13	20.36	20.42	20.38	21.50
		25	25	20.55	20.26	20.30	21.50
		50	0	20.42	20.41	20.41	21.50
	64QAM	1	0	19.94	20.04	19.98	21.50
		1	25	20.08	19.96	19.76	21.50
		1	49	20.10	19.83	19.77	21.50
		25	0	19.39	19.68	19.67	20.50
		25	13	19.39	19.74	19.57	20.50
		25	25	19.65	19.57	19.33	20.50
		50	0	19.72	19.63	19.35	20.50
	256QAM	1	0	17.32	17.51	17.41	18.50
		1	25	17.53	17.54	17.34	18.50
		1	49	17.54	17.36	17.28	18.50
		25	0	17.55	17.62	17.57	18.50
		25	13	17.75	17.80	17.59	18.50
		25	25	17.77	17.44	17.56	18.50
		50	0	17.63	17.55	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20.30	20.47	20.26	22.00
		1	38	20.35	20.38	20.12	22.00
		1	74	20.29	20.25	20.23	22.00
		36	0	20.32	20.54	20.37	22.00
		36	18	20.41	20.50	20.32	22.00
		36	39	20.33	20.31	20.27	22.00
		75	0	20.38	20.41	20.16	22.00



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	16QAM	1	0	20.26	20.25	20.22	22.00
		1	38	20.30	20.31	20.12	22.00
		1	74	20.43	20.18	20.38	22.00
		36	0	20.40	20.43	20.29	21.50
		36	18	20.55	20.37	20.33	21.50
		36	39	20.57	20.32	20.13	21.50
		75	0	20.47	20.49	20.41	21.50
	64QAM	1	0	20.17	20.22	19.94	21.50
		1	38	20.17	20.03	19.79	21.50
		1	74	19.98	19.69	19.70	21.50
		36	0	19.43	19.80	19.56	20.50
		36	18	19.54	19.68	19.45	20.50
		36	39	19.67	19.49	19.44	20.50
		75	0	19.67	19.51	19.51	20.50
	256QAM	1	0	17.52	17.54	17.40	18.50
		1	38	17.60	17.44	17.32	18.50
		1	74	17.57	17.40	17.24	18.50
		36	0	17.57	17.81	17.65	18.50
		36	18	17.83	17.79	17.38	18.50
		36	39	17.64	17.43	17.58	18.50
		75	0	17.69	17.64	17.57	18.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				37850	38000	38150	
<b>20MHz</b>	QPSK	1	0	20.36	20.46	20.34	22.00
		1	50	20.38	20.44	20.15	22.00
		1	99	20.37	20.23	20.29	22.00
		50	0	20.41	20.46	20.36	22.00
		50	25	20.47	20.46	20.31	22.00
		50	50	20.47	20.38	20.24	22.00
		100	0	20.42	20.44	20.30	22.00
	16QAM	1	0	20.36	20.36	20.21	22.00
		1	50	20.44	20.34	20.21	22.00
		1	99	20.41	20.22	20.39	22.00
		50	0	20.41	20.51	20.37	21.50
		50	25	20.49	20.50	20.32	21.50
		50	50	20.50	20.39	20.26	21.50
		100	0	20.46	20.46	20.34	21.50
	64QAM	1	0	20.09	20.17	19.96	21.50
		1	50	20.12	19.98	19.87	21.50



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256QAM	1	99	20.09	19.78	19.85	21.50
	50	0	19.53	19.72	19.59	20.50
	50	25	19.54	19.71	19.51	20.50
	50	50	19.60	19.49	19.46	20.50
	100	0	19.65	19.66	19.47	20.50
	1	0	17.47	17.61	17.49	18.50
	1	50	17.52	17.53	17.35	18.50
	1	99	17.49	17.38	17.31	18.50
	50	0	17.68	17.77	17.67	18.50
	50	25	17.77	17.78	17.53	18.50
	50	50	17.75	17.53	17.52	18.50
	100	0	17.66	17.70	17.55	18.50

LTE Band 41 PC3 Eci2/3/4/6				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.58	22.50	22.66	22.44	22.32	23.50
		1	13	22.53	22.67	22.78	22.51	22.40	23.50
		1	24	22.50	22.66	22.52	22.50	22.53	23.50
		12	0	21.57	21.47	21.79	21.33	21.31	22.50
		12	6	21.43	21.49	21.74	21.54	21.32	22.50
		12	13	21.46	21.55	21.73	21.50	21.49	22.50
		25	0	21.59	21.44	21.65	21.47	21.36	22.50
	16QAM	1	0	21.48	21.42	21.74	21.53	21.15	22.50
		1	13	21.49	21.62	21.88	21.48	21.49	22.50
		1	24	21.63	21.62	21.73	21.63	21.65	22.50
		12	0	20.40	20.45	20.70	20.45	20.38	21.50
		12	6	20.43	20.44	20.67	20.50	20.45	21.50
		12	13	20.45	20.58	20.66	20.46	20.52	21.50
		25	0	20.54	20.36	20.72	20.44	20.49	21.50
	64QAM	1	0	20.16	20.23	20.41	20.25	20.04	21.50
		1	13	20.10	20.04	20.46	20.25	20.09	21.50
		1	24	20.34	20.13	20.43	20.26	20.22	21.50
		12	0	19.49	19.37	19.69	19.37	19.22	20.50
		12	6	19.49	19.46	19.66	19.48	19.48	20.50
		12	13	19.46	19.52	19.76	19.67	19.43	20.50
		25	0	19.47	19.41	19.69	19.58	19.44	20.50
	256QAM	1	0	17.40	17.36	17.55	17.31	17.07	18.50



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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	17.36	17.29	17.49	17.42	17.11	18.50		
		1	24	17.36	17.31	17.47	17.42	17.24	18.50		
		12	0	17.38	17.37	17.83	17.31	17.43	18.50		
		12	6	17.44	17.50	17.78	17.45	17.43	18.50		
		12	13	17.53	17.58	17.62	17.63	17.49	18.50		
		25	0	17.34	17.50	17.68	17.33	17.37	18.50		
	16QAM	QPSK	1	0	22.43	22.47	22.75	22.59	22.27	23.50	
			1	25	22.40	22.65	22.69	22.51	22.24	23.50	
			1	49	22.47	22.53	22.59	22.38	22.56	23.50	
			25	0	21.56	21.47	21.77	21.35	21.38	22.50	
			25	13	21.49	21.48	21.65	21.48	21.30	22.50	
			25	25	21.49	21.65	21.60	21.62	21.38	22.50	
		16QAM	16QAM	50	0	21.51	21.38	21.68	21.52	21.37	22.50
				1	0	21.52	21.51	21.57	21.43	21.28	22.50
				1	25	21.46	21.63	21.80	21.57	21.32	22.50
				1	49	21.60	21.69	21.73	21.66	21.64	22.50
				25	0	20.33	20.34	20.62	20.32	20.30	21.50
				25	13	20.46	20.48	20.79	20.55	20.47	21.50
	64QAM	64QAM	25	25	20.60	20.65	20.62	20.61	20.36	21.50	
			50	0	20.54	20.36	20.68	20.42	20.32	21.50	
			1	0	20.25	20.21	20.44	20.28	19.98	21.50	
			1	25	20.18	20.10	20.51	20.10	20.01	21.50	
			1	49	20.23	20.29	20.45	20.10	20.23	21.50	
			25	0	19.38	19.45	19.66	19.46	19.25	20.50	
	256QAM	256QAM	25	13	19.39	19.46	19.64	19.52	19.44	20.50	
25			25	19.46	19.51	19.79	19.65	19.52	20.50		
50			0	19.52	19.37	19.69	19.44	19.28	20.50		
1			0	17.23	17.39	17.54	17.32	17.18	18.50		
1			25	17.26	17.45	17.66	17.41	17.19	18.50		
1			49	17.30	17.38	17.58	17.48	17.43	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
				39725	40173	40620	41068	41515			
15MHz	QPSK	1	0	22.47	22.48	22.67	22.53	22.32	23.50		



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		1	38	22.50	22.65	22.79	22.55	22.28	23.50
		1	74	22.46	22.72	22.56	22.52	22.49	23.50
		36	0	21.46	21.53	21.74	21.41	21.37	22.50
		36	18	21.53	21.50	21.78	21.52	21.36	22.50
		36	39	21.64	21.63	21.70	21.58	21.43	22.50
		75	0	21.56	21.39	21.74	21.45	21.31	22.50
	16QAM	1	0	21.49	21.58	21.59	21.55	21.30	22.50
		1	38	21.49	21.68	21.72	21.51	21.37	22.50
		1	74	21.50	21.66	21.61	21.63	21.63	22.50
		36	0	20.49	20.31	20.75	20.45	20.25	21.50
		36	18	20.45	20.34	20.75	20.56	20.34	21.50
		36	39	20.52	20.59	20.58	20.61	20.45	21.50
		75	0	20.49	20.50	20.68	20.39	20.40	21.50
	64QAM	1	0	20.21	20.17	20.32	20.18	19.91	21.50
		1	38	20.26	20.04	20.44	20.14	20.17	21.50
		1	74	20.19	20.30	20.45	20.15	20.17	21.50
		36	0	19.49	19.30	19.79	19.46	19.21	20.50
		36	18	19.55	19.34	19.66	19.53	19.38	20.50
		36	39	19.47	19.52	19.63	19.52	19.48	20.50
		75	0	19.47	19.40	19.64	19.49	19.32	20.50
	256QAM	1	0	17.41	17.38	17.43	17.20	17.06	18.50
		1	38	17.26	17.30	17.63	17.36	17.16	18.50
		1	74	17.45	17.27	17.60	17.48	17.38	18.50
		36	0	17.47	17.52	17.78	17.35	17.25	18.50
		36	18	17.42	17.52	17.76	17.53	17.50	18.50
		36	39	17.63	17.52	17.70	17.64	17.54	18.50
		75	0	17.45	17.47	17.65	17.39	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.51	22.44	22.65	22.49	22.25	23.50
		1	50	22.50	22.59	22.74	22.60	22.32	23.50
		1	99	22.53	22.62	22.61	22.46	22.53	23.50
		50	0	21.47	21.57	21.74	21.42	21.30	22.50
		50	25	21.50	21.41	21.72	21.52	21.36	22.50
		50	50	21.55	21.60	21.67	21.59	21.43	22.50
		100	0	21.49	21.47	21.74	21.45	21.36	22.50
	16QAM	1	0	21.56	21.50	21.66	21.46	21.22	22.50
		1	50	21.56	21.63	21.79	21.48	21.39	22.50
		1	99	21.59	21.61	21.67	21.58	21.55	22.50



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		50	0	20.40	20.37	20.69	20.37	20.30	21.50
		50	25	20.44	20.40	20.72	20.46	20.40	21.50
		50	50	20.51	20.59	20.67	20.51	20.42	21.50
		100	0	20.49	20.41	20.71	20.41	20.39	21.50
64QAM	1	0	20.19	20.20	20.37	20.26	19.99	21.50	
	1	50	20.16	20.08	20.41	20.16	20.09	21.50	
	1	99	20.24	20.22	20.36	20.19	20.21	21.50	
	50	0	19.44	19.37	19.69	19.38	19.31	20.50	
	50	25	19.46	19.36	19.70	19.52	19.40	20.50	
	50	50	19.52	19.61	19.69	19.59	19.43	20.50	
	100	0	19.44	19.39	19.64	19.49	19.36	20.50	
256QAM	1	0	17.32	17.38	17.49	17.22	17.13	18.50	
	1	50	17.29	17.39	17.56	17.35	17.20	18.50	
	1	99	17.37	17.30	17.50	17.39	17.34	18.50	
	50	0	17.45	17.46	17.73	17.40	17.34	18.50	
	50	25	17.49	17.47	17.73	17.46	17.43	18.50	
	50	50	17.53	17.52	17.72	17.55	17.48	18.50	
	100	0	17.43	17.53	17.65	17.43	17.38	18.50	

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	22.13	22.12	22.34	21.83	21.91	23.00
		1	13	22.16	22.06	22.44	22.11	22.00	23.00
		1	24	22.35	22.26	22.34	22.21	22.19	23.00
		12	0	21.43	21.50	21.68	21.22	21.33	22.50
		12	6	21.37	21.25	21.74	21.36	21.47	22.50
		12	13	21.57	21.36	21.58	21.43	21.42	22.50
		25	0	21.46	21.54	21.65	21.42	21.39	22.50
	16QAM	1	0	21.29	21.20	21.70	21.32	21.27	22.50
		1	13	20.92	20.82	21.73	21.15	21.09	22.50
		1	24	21.66	21.71	21.58	21.33	21.39	22.50
		12	0	20.45	20.40	20.84	20.40	20.47	21.50
		12	6	20.56	20.51	20.71	20.51	20.29	21.50
		12	13	20.60	20.49	20.67	20.30	20.42	21.50
		25	0	20.46	20.49	20.84	20.55	20.50	21.50
	64QAM	1	0	19.93	19.79	20.33	19.87	19.92	21.50
		1	13	20.16	20.32	20.26	20.00	20.10	21.50



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		1	24	20.17	20.17	20.18	20.04	20.00	21.50		
		12	0	19.50	19.64	19.74	19.48	19.36	20.50		
		12	6	19.51	19.53	19.70	19.48	19.35	20.50		
		12	13	19.60	19.50	19.59	19.55	19.33	20.50		
		25	0	19.43	19.58	19.70	19.47	19.36	20.50		
		256QAM	1	0	17.25	17.21	17.52	17.10	17.10	18.50	
			1	13	17.30	17.25	17.68	17.18	17.24	18.50	
			1	24	17.38	17.53	17.56	17.28	17.29	18.50	
			12	0	17.45	17.56	17.82	17.50	17.49	18.50	
			12	6	17.46	17.69	17.82	17.60	17.46	18.50	
			12	13	17.52	17.48	17.64	17.55	17.52	18.50	
			25	0	17.55	17.54	17.80	17.44	17.47	18.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
						39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.17	22.17	22.31	21.86	21.89	23.00		
		1	25	22.19	22.18	22.33	22.10	22.13	23.00		
		1	49	22.17	22.16	22.26	22.21	22.24	23.00		
		25	0	21.59	21.48	21.85	21.26	21.30	22.50		
		25	13	21.33	21.27	21.82	21.46	21.36	22.50		
		25	25	21.56	21.34	21.72	21.44	21.45	22.50		
		50	0	21.42	21.52	21.78	21.38	21.42	22.50		
	16QAM	1	0	21.22	21.22	21.61	21.33	21.31	22.50		
		1	25	20.88	20.83	21.64	21.12	21.22	22.50		
		1	49	21.66	21.73	21.58	21.29	21.41	22.50		
		25	0	20.43	20.47	20.75	20.40	20.32	21.50		
		25	13	20.46	20.49	20.77	20.44	20.35	21.50		
		25	25	20.67	20.52	20.68	20.43	20.33	21.50		
		50	0	20.54	20.39	20.84	20.56	20.37	21.50		
	64QAM	1	0	19.98	19.79	20.23	19.88	19.91	21.50		
		1	25	20.17	20.14	20.25	19.91	20.15	21.50		
		1	49	20.14	20.22	20.20	20.08	20.10	21.50		
		25	0	19.43	19.47	19.77	19.31	19.47	20.50		
		25	13	19.43	19.36	19.69	19.40	19.32	20.50		
		25	25	19.66	19.52	19.53	19.52	19.32	20.50		
		50	0	19.50	19.56	19.66	19.48	19.39	20.50		
	256QAM	1	0	17.42	17.36	17.66	17.12	17.25	18.50		
		1	25	17.25	17.37	17.55	17.17	17.22	18.50		
		1	49	17.37	17.54	17.46	17.28	17.40	18.50		
		25	0	17.54	17.48	17.84	17.50	17.48	18.50		



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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	17.61	17.64	17.89	17.59	17.33	18.50	
		25	25	17.41	17.61	17.65	17.43	17.46	18.50	
		50	0	17.60	17.58	17.67	17.40	17.45	18.50	
	16QAM	QPSK	1	0	22.28	22.21	22.39	21.78	21.98	23.00
			1	38	22.26	22.17	22.35	22.12	22.00	23.00
			1	74	22.23	22.26	22.32	22.15	22.23	23.00
			36	0	21.41	21.58	21.73	21.34	21.30	22.50
			36	18	21.50	21.31	21.70	21.39	21.47	22.50
			36	39	21.37	21.32	21.66	21.42	21.34	22.50
			75	0	21.53	21.42	21.64	21.36	21.32	22.50
		16QAM	1	0	21.37	21.27	21.53	21.29	21.16	22.50
			1	38	20.95	20.96	21.64	21.25	21.21	22.50
			1	74	21.62	21.75	21.56	21.43	21.55	22.50
			36	0	20.40	20.40	20.70	20.33	20.34	21.50
			36	18	20.62	20.42	20.68	20.52	20.31	21.50
			36	39	20.59	20.59	20.73	20.45	20.45	21.50
			75	0	20.49	20.51	20.81	20.52	20.47	21.50
		64QAM	1	0	19.99	19.80	20.39	19.88	19.83	21.50
			1	38	20.18	20.14	20.34	20.02	19.99	21.50
			1	74	20.17	20.25	20.23	19.98	20.10	21.50
			36	0	19.55	19.64	19.70	19.34	19.33	20.50
			36	18	19.48	19.42	19.56	19.42	19.46	20.50
			36	39	19.66	19.53	19.55	19.41	19.33	20.50
			75	0	19.57	19.47	19.66	19.31	19.31	20.50
	256QAM	1	0	17.30	17.19	17.57	17.08	17.23	18.50	
		1	38	17.19	17.32	17.56	17.10	17.16	18.50	
		1	74	17.53	17.53	17.56	17.40	17.22	18.50	
		36	0	17.40	17.42	17.77	17.44	17.44	18.50	
36		18	17.45	17.55	17.83	17.53	17.48	18.50		
36		39	17.49	17.57	17.69	17.38	17.35	18.50		
75		0	17.47	17.48	17.72	17.46	17.36	18.50		
20MHz	QPSK	1	0	22.18	22.18	22.30	21.86	21.96	23.00	
		1	50	22.16	22.13	22.36	22.14	22.07	23.00	
1		99	22.27	22.23	22.27	22.18	22.18	23.00		
50		0	21.49	21.55	21.78	21.30	21.33	22.50		



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		50	25	21.41	21.35	21.74	21.36	21.41	22.50
		50	50	21.47	21.37	21.65	21.35	21.41	22.50
		100	0	21.44	21.45	21.74	21.37	21.39	22.50
	16QAM	1	0	21.30	21.24	21.60	21.25	21.25	22.50
		1	50	20.96	20.88	21.66	21.16	21.16	22.50
		1	99	21.65	21.74	21.50	21.35	21.45	22.50
		50	0	20.46	20.38	20.79	20.42	20.37	21.50
		50	25	20.56	20.48	20.76	20.42	20.35	21.50
		50	50	20.59	20.58	20.67	20.38	20.43	21.50
		100	0	20.49	20.46	20.78	20.47	20.43	21.50
	64QAM	1	0	19.95	19.85	20.29	19.91	19.91	21.50
		1	50	20.17	20.22	20.32	20.00	20.07	21.50
		1	99	20.22	20.23	20.14	20.07	20.08	21.50
		50	0	19.46	19.55	19.69	19.41	19.37	20.50
		50	25	19.50	19.46	19.61	19.47	19.37	20.50
		50	50	19.56	19.52	19.60	19.45	19.38	20.50
		100	0	19.53	19.53	19.62	19.40	19.35	20.50
	256QAM	1	0	17.33	17.28	17.62	17.11	17.17	18.50
		1	50	17.25	17.27	17.60	17.11	17.20	18.50
		1	99	17.47	17.47	17.46	17.32	17.32	18.50
		50	0	17.49	17.52	17.82	17.45	17.40	18.50
		50	25	17.55	17.65	17.79	17.53	17.43	18.50
		50	50	17.49	17.55	17.71	17.45	17.44	18.50
		100	0	17.54	17.55	17.75	17.36	17.40	18.50

LTE Band 41 PC2 Eci2/3/4/6				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	25.54	25.34	25.61	25.33	25.28	26.50
		1	13	25.59	25.37	25.80	25.56	25.44	26.50
		1	24	25.45	25.48	25.64	25.71	25.58	26.50
		12	0	24.44	24.40	24.77	24.44	24.26	25.50
		12	6	24.49	24.44	24.72	24.55	24.28	25.50
		12	13	24.53	24.68	24.58	24.60	24.36	25.50
	16QAM	1	0	24.79	24.64	24.89	24.81	24.45	25.50
		1	13	24.82	24.74	25.12	24.74	24.50	25.50
		1	24	24.84	24.79	24.87	24.71	24.80	25.50



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		12	0	23.54	23.33	23.70	23.49	23.29	24.50
		12	6	23.57	23.67	23.71	23.45	23.41	24.50
		12	13	23.66	23.52	23.77	23.49	23.53	24.50
		25	0	23.59	23.69	23.80	23.57	23.40	24.50
	64QAM	1	0	23.61	23.62	23.80	23.50	23.21	24.50
		1	13	23.58	23.46	23.85	23.66	23.33	24.50
		1	24	23.55	23.62	23.74	23.60	23.53	24.50
		12	0	22.58	22.49	22.80	22.37	22.33	23.50
		12	6	22.59	22.39	22.76	22.62	22.41	23.50
		12	13	22.51	22.57	22.60	22.41	22.38	23.50
		25	0	22.48	22.62	22.63	22.55	22.25	23.50
	256QAM	1	0	20.45	20.55	20.54	20.40	20.29	21.50
		1	13	20.36	20.32	20.81	20.48	20.22	21.50
		1	24	20.46	20.47	20.59	20.65	20.37	21.50
		12	0	20.38	20.47	20.69	20.44	20.39	21.50
		12	6	20.47	20.44	20.82	20.50	20.38	21.50
		12	13	20.61	20.58	20.76	20.59	20.53	21.50
		25	0	20.54	20.33	20.74	20.59	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	25.53	25.31	25.72	25.32	25.20	26.50
		1	25	25.42	25.47	25.82	25.56	25.37	26.50
		1	49	25.42	25.48	25.64	25.54	25.43	26.50
		25	0	24.47	24.50	24.62	24.49	24.17	25.50
		25	13	24.56	24.52	24.77	24.62	24.35	25.50
		25	25	24.51	24.69	24.71	24.62	24.37	25.50
		50	0	24.52	24.38	24.79	24.63	24.30	25.50
	16QAM	1	0	24.74	24.71	24.81	24.77	24.41	25.50
		1	25	24.66	24.87	25.12	24.76	24.53	25.50
		1	49	24.78	24.69	24.94	24.70	24.63	25.50
		25	0	23.53	23.43	23.74	23.35	23.18	24.50
		25	13	23.41	23.56	23.68	23.59	23.46	24.50
		25	25	23.58	23.63	23.69	23.62	23.47	24.50
		50	0	23.45	23.60	23.77	23.60	23.39	24.50
	64QAM	1	0	23.55	23.51	23.64	23.50	23.24	24.50
		1	25	23.63	23.59	23.81	23.65	23.27	24.50
		1	49	23.50	23.52	23.58	23.49	23.62	24.50
		25	0	22.45	22.56	22.85	22.31	22.36	23.50
		25	13	22.57	22.51	22.80	22.69	22.30	23.50



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		25	25	22.65	22.57	22.61	22.42	22.44	23.50
		50	0	22.59	22.46	22.74	22.44	22.34	23.50
	256QAM	1	0	20.41	20.50	20.60	20.55	20.23	21.50
		1	25	20.44	20.41	20.74	20.35	20.26	21.50
		1	49	20.61	20.44	20.73	20.55	20.41	21.50
		25	0	20.48	20.49	20.65	20.59	20.36	21.50
		25	13	20.55	20.44	20.81	20.38	20.36	21.50
		25	25	20.51	20.68	20.77	20.55	20.58	21.50
		50	0	20.44	20.36	20.74	20.45	20.34	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	25.36	25.27	25.65	25.40	25.36	26.50
		1	38	25.48	25.45	25.86	25.63	25.42	26.50
		1	74	25.57	25.50	25.54	25.56	25.48	26.50
		36	0	24.53	24.49	24.68	24.31	24.25	25.50
		36	18	24.40	24.58	24.72	24.57	24.34	25.50
		36	39	24.64	24.67	24.59	24.63	24.37	25.50
		75	0	24.46	24.57	24.73	24.51	24.33	25.50
	16QAM	1	0	24.70	24.62	24.98	24.78	24.52	25.50
		1	38	24.70	24.73	25.04	24.59	24.60	25.50
		1	74	24.82	24.74	24.96	24.72	24.76	25.50
		36	0	23.49	23.39	23.72	23.30	23.23	24.50
		36	18	23.47	23.56	23.70	23.44	23.29	24.50
		36	39	23.57	23.59	23.70	23.45	23.37	24.50
		75	0	23.48	23.62	23.80	23.69	23.36	24.50
	64QAM	1	0	23.48	23.56	23.71	23.54	23.24	24.50
		1	38	23.46	23.48	23.84	23.64	23.37	24.50
		1	74	23.48	23.49	23.59	23.62	23.49	24.50
		36	0	22.58	22.48	22.86	22.47	22.34	23.50
		36	18	22.56	22.43	22.86	22.59	22.45	23.50
		36	39	22.50	22.53	22.80	22.46	22.42	23.50
		75	0	22.43	22.43	22.74	22.51	22.31	23.50
	256QAM	1	0	20.41	20.55	20.58	20.45	20.19	21.50
		1	38	20.38	20.39	20.74	20.49	20.41	21.50
		1	74	20.52	20.44	20.74	20.65	20.50	21.50
		36	0	20.47	20.41	20.74	20.54	20.27	21.50
		36	18	20.48	20.59	20.74	20.44	20.40	21.50
		36	39	20.60	20.69	20.82	20.54	20.40	21.50
		75	0	20.56	20.37	20.68	20.40	20.29	21.50



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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	25.45	25.45	25.76	25.50	25.36	26.50
		1	50	25.49	25.50	25.81	25.67	25.45	26.50
		1	99	25.51	25.55	25.86	25.71	25.59	26.50
		50	0	24.56	24.50	24.82	24.51	24.34	25.50
		50	25	24.59	24.59	24.83	24.64	24.45	25.50
		50	50	24.65	24.69	24.78	24.73	24.50	25.50
	16QAM	1	0	24.74	24.69	24.89	24.72	24.43	25.50
		1	50	24.72	24.82	25.02	24.68	24.56	25.50
		1	99	24.79	24.74	24.88	24.77	24.73	25.50
		50	0	23.46	23.40	23.76	23.40	23.27	24.50
		50	25	23.49	23.58	23.75	23.54	23.37	24.50
		50	50	23.56	23.55	23.69	23.54	23.44	24.50
	64QAM	100	0	23.53	23.63	23.75	23.62	23.38	24.50
		1	0	23.54	23.53	23.70	23.53	23.25	24.50
		1	50	23.54	23.50	23.84	23.57	23.36	24.50
		1	99	23.58	23.53	23.65	23.56	23.53	24.50
		50	0	22.48	22.52	22.76	22.38	22.32	23.50
		50	25	22.50	22.42	22.77	22.60	22.40	23.50
	256QAM	50	50	22.58	22.56	22.70	22.51	22.45	23.50
		100	0	22.51	22.52	22.71	22.47	22.35	23.50
		1	0	20.47	20.53	20.64	20.49	20.25	21.50
		1	50	20.42	20.42	20.73	20.39	20.32	21.50
		1	99	20.51	20.43	20.65	20.55	20.46	21.50
		50	0	20.44	20.48	20.74	20.50	20.35	21.50
		50	25	20.49	20.54	20.76	20.47	20.45	21.50
		50	50	20.54	20.64	20.74	20.56	20.50	21.50
		100	0	20.46	20.41	20.69	20.49	20.39	21.50

LTE Band 41 PC2 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	23.94	23.92	24.08	23.79	23.73	25.00
		1	13	23.91	23.87	24.10	23.87	23.94	25.00
		1	24	23.98	24.07	24.05	23.96	23.92	25.00
		12	0	23.87	23.86	24.07	23.65	23.71	25.00



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		12	6	23.89	24.14	24.18	23.77	23.72	25.00
		12	13	24.05	24.09	23.96	23.84	23.77	25.00
		25	0	24.05	23.93	24.01	23.86	23.68	25.00
	16QAM	1	0	24.11	24.34	24.31	23.91	23.98	25.00
		1	13	23.85	23.76	24.15	23.85	23.93	25.00
		1	24	24.10	24.10	24.10	24.28	24.25	25.00
		12	0	23.46	23.51	23.66	23.34	23.29	24.50
		12	6	23.46	23.49	23.73	23.38	23.30	24.50
		12	13	23.66	23.68	23.56	23.49	23.49	24.50
		25	0	23.64	23.57	23.67	23.20	23.35	24.50
	64QAM	1	0	23.38	23.47	23.49	23.36	23.42	24.50
		1	13	23.28	23.17	23.77	23.35	23.42	24.50
		1	24	23.68	23.80	23.75	23.43	23.57	24.50
		12	0	22.44	22.43	22.72	22.20	22.32	23.50
		12	6	22.46	22.69	22.62	22.25	22.35	23.50
		12	13	22.68	22.65	22.64	22.36	22.35	23.50
		25	0	22.52	22.65	22.53	22.23	22.39	23.50
	256QAM	1	0	20.41	20.55	20.87	20.45	20.21	21.50
		1	13	20.49	20.55	20.68	20.46	20.32	21.50
		1	24	20.54	20.78	20.57	20.30	20.44	21.50
		12	0	20.29	20.51	20.77	20.48	20.46	21.50
		12	6	20.37	20.50	20.86	20.37	20.34	21.50
		12	13	20.39	20.36	20.65	20.44	20.46	21.50
		25	0	20.46	20.37	20.76	20.49	20.30	21.50
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
39700					40160	40620	41080	41540	
<b>10MHz</b>	QPSK	1	0	23.99	23.87	24.10	23.81	23.76	25.00
		1	25	23.91	23.84	24.16	23.70	23.77	25.00
		1	49	24.03	24.04	23.92	24.06	24.01	25.00
		25	0	23.81	23.89	24.05	23.58	23.79	25.00
		25	13	23.91	24.00	24.06	23.72	23.72	25.00
		25	25	24.05	23.98	24.15	23.96	23.91	25.00
		50	0	23.98	23.98	24.08	23.95	23.83	25.00
	16QAM	1	0	24.09	24.18	24.25	23.93	23.89	25.00
		1	25	23.79	23.94	24.14	23.80	23.79	25.00
		1	49	23.98	24.01	23.97	24.16	24.06	25.00
		25	0	23.47	23.40	23.64	23.28	23.29	24.50
		25	13	23.61	23.48	23.69	23.41	23.42	24.50
		25	25	23.68	23.68	23.68	23.39	23.47	24.50



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		50	0	23.59	23.61	23.73	23.28	23.45	24.50
	64QAM	1	0	23.54	23.56	23.45	23.20	23.25	24.50
		1	25	23.11	23.29	23.81	23.33	23.32	24.50
		1	49	23.77	23.74	23.60	23.45	23.57	24.50
		25	0	22.50	22.26	22.58	22.31	22.20	23.50
		25	13	22.57	22.70	22.64	22.37	22.34	23.50
		25	25	22.62	22.72	22.62	22.43	22.31	23.50
		50	0	22.48	22.48	22.58	22.39	22.20	23.50
	256QAM	1	0	20.55	20.51	20.77	20.36	20.19	21.50
		1	25	20.41	20.56	20.80	20.33	20.28	21.50
		1	49	20.66	20.60	20.68	20.36	20.47	21.50
		25	0	20.49	20.39	20.87	20.43	20.33	21.50
		25	13	20.34	20.36	20.69	20.42	20.47	21.50
		25	25	20.43	20.35	20.62	20.41	20.40	21.50
		50	0	20.48	20.47	20.65	20.52	20.34	21.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
<b>15MHz</b>	QPSK	1	0	24.01	23.96	24.04	23.93	23.83	25.00
		1	38	24.04	23.84	24.19	23.83	23.83	25.00
		1	74	23.99	23.92	23.96	23.93	24.01	25.00
		36	0	23.87	23.98	24.07	23.66	23.77	25.00
		36	18	23.90	23.99	24.18	23.77	23.80	25.00
		36	39	24.01	24.09	23.95	23.97	23.76	25.00
		75	0	23.89	23.85	23.98	23.86	23.75	25.00
	16QAM	1	0	24.26	24.20	24.29	23.88	23.84	25.00
		1	38	23.81	23.76	24.14	23.89	23.78	25.00
		1	74	24.12	24.03	23.98	24.15	24.25	25.00
		36	0	23.49	23.45	23.70	23.29	23.23	24.50
		36	18	23.60	23.64	23.64	23.40	23.28	24.50
		36	39	23.58	23.56	23.55	23.33	23.47	24.50
		75	0	23.68	23.69	23.75	23.27	23.38	24.50
	64QAM	1	0	23.41	23.59	23.54	23.21	23.28	24.50
		1	38	23.27	23.30	23.68	23.28	23.42	24.50
		1	74	23.82	23.74	23.60	23.43	23.65	24.50
		36	0	22.36	22.30	22.69	22.39	22.28	23.50
		36	18	22.59	22.67	22.69	22.26	22.29	23.50
		36	39	22.59	22.62	22.74	22.30	22.37	23.50
		75	0	22.59	22.51	22.66	22.39	22.25	23.50
	256QAM	1	0	20.43	20.52	20.67	20.34	20.32	21.50



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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	38	20.50	20.49	20.74	20.39	20.41	21.50
		1	74	20.68	20.64	20.70	20.29	20.44	21.50
		36	0	20.32	20.34	20.86	20.35	20.44	21.50
		36	18	20.37	20.53	20.84	20.52	20.33	21.50
		36	39	20.33	20.47	20.65	20.45	20.45	21.50
		75	0	20.50	20.36	20.76	20.44	20.30	21.50
	16QAM	1	0	23.92	23.86	24.13	23.85	23.78	25.00
		1	50	23.96	23.92	24.14	23.79	23.84	25.00
		1	99	24.06	23.97	24.02	24.00	23.94	25.00
		50	0	23.88	23.92	24.09	23.64	23.72	25.00
		50	25	23.99	24.09	24.10	23.73	23.77	25.00
		50	50	24.04	23.99	24.05	23.94	23.85	25.00
	64QAM	1	0	24.16	24.24	24.30	23.88	23.89	25.00
		1	50	23.83	23.85	24.17	23.81	23.85	25.00
		1	99	24.02	24.06	24.01	24.19	24.15	25.00
		50	0	23.42	23.48	23.68	23.34	23.29	24.50
		50	25	23.53	23.56	23.66	23.43	23.36	24.50
		50	50	23.59	23.58	23.63	23.41	23.40	24.50
	256QAM	1	0	23.58	23.61	23.69	23.29	23.38	24.50
		1	0	23.46	23.53	23.44	23.30	23.33	24.50
		1	50	23.20	23.21	23.76	23.32	23.39	24.50
		1	99	23.73	23.76	23.65	23.49	23.56	24.50
		50	0	22.43	22.34	22.68	22.30	22.30	23.50
		50	25	22.55	22.62	22.70	22.32	22.36	23.50
	256QAM	50	50	22.59	22.67	22.65	22.40	22.40	23.50
		100	0	22.52	22.58	22.63	22.32	22.30	23.50
		1	0	20.48	20.54	20.77	20.37	20.27	21.50
		1	50	20.45	20.54	20.76	20.40	20.31	21.50
1		99	20.63	20.68	20.61	20.37	20.41	21.50	
50		0	20.39	20.43	20.83	20.38	20.37	21.50	
256QAM	50	25	20.33	20.43	20.78	20.47	20.43	21.50	
	50	50	20.43	20.43	20.70	20.49	20.45	21.50	
	100	0	20.51	20.45	20.72	20.44	20.36	21.50	



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## 4 Conducted Power of Main Antenna (Ant4)

### 4.1 Conducted Power of LTE

LTE Band 42 Eci4/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	20.19	20.09	20.53	21.50
		1	13	20.30	20.36	20.68	21.50
		1	24	20.31	20.25	20.60	21.50
		12	0	19.08	19.31	19.60	20.50
		12	6	19.05	19.55	19.66	20.50
		12	13	19.19	19.39	19.69	20.50
		25	0	18.99	19.29	19.36	20.50
	16QAM	1	0	19.35	19.36	19.39	20.50
		1	13	19.25	19.68	19.59	20.50
		1	24	19.38	19.63	19.61	20.50
		12	0	18.19	18.15	18.57	19.50
		12	6	18.14	18.32	18.40	19.50
		12	13	18.05	18.45	18.65	19.50
		25	0	18.33	18.22	18.50	19.50
	64QAM	1	0	17.90	18.11	18.29	19.50
		1	13	18.12	18.09	18.54	19.50
		1	24	18.19	18.37	18.43	19.50
		12	0	17.15	17.24	17.30	18.50
		12	6	17.10	17.16	17.43	18.50
		12	13	17.16	17.38	17.59	18.50
		25	0	17.22	17.15	17.34	18.50
	256QAM	1	0	15.22	15.39	15.34	16.50
		1	13	15.56	15.56	15.34	16.50
		1	24	15.70	15.81	15.58	16.50
		12	0	15.54	15.67	15.65	16.50
		12	6	15.77	15.74	15.67	16.50
		12	13	15.56	15.70	15.34	16.50
		25	0	15.63	15.92	15.59	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42590	43040	
10MHz	QPSK	1	0	20.24	20.00	20.49	21.50
		1	25	20.32	20.30	20.67	21.50



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		1	49	20.16	20.36	20.74	21.50	
		25	0	19.12	19.38	19.55	20.50	
		25	13	19.05	19.39	19.58	20.50	
		25	25	19.16	19.34	19.75	20.50	
		50	0	18.89	19.19	19.34	20.50	
	16QAM	1	0	19.30	19.22	19.33	20.50	
		1	25	19.18	19.71	19.61	20.50	
		1	49	19.43	19.63	19.61	20.50	
		25	0	18.15	18.19	18.44	19.50	
		25	13	18.10	18.31	18.32	19.50	
		25	25	18.14	18.42	18.62	19.50	
	64QAM	50	0	18.34	18.38	18.50	19.50	
		1	0	17.98	18.06	18.36	19.50	
		1	25	18.24	18.10	18.45	19.50	
		1	49	18.07	18.23	18.43	19.50	
		25	0	17.07	17.23	17.23	18.50	
		25	13	17.09	17.13	17.33	18.50	
		25	25	17.19	17.20	17.50	18.50	
	256QAM	50	0	17.14	17.21	17.50	18.50	
		1	0	15.21	15.38	15.40	16.50	
		1	25	15.71	15.76	15.33	16.50	
		1	49	15.88	15.76	15.66	16.50	
		25	0	15.45	15.64	15.70	16.50	
		25	13	15.61	15.74	15.64	16.50	
		25	25	15.53	15.60	15.31	16.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					42165	42590	43015	
	15MHz	QPSK	1	0	20.20	20.04	20.41	21.50
1			38	20.42	20.24	20.57	21.50	
1			74	20.24	20.21	20.59	21.50	
36			0	19.06	19.33	19.54	20.50	
36			18	19.05	19.38	19.50	20.50	
36			39	19.25	19.35	19.74	20.50	
75			0	19.00	19.17	19.51	20.50	
16QAM		1	0	19.36	19.21	19.33	20.50	
		1	38	19.26	19.59	19.50	20.50	
		1	74	19.30	19.67	19.61	20.50	
		36	0	18.17	18.18	18.43	19.50	



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		36	18	18.12	18.36	18.29	19.50	
		36	39	18.15	18.37	18.73	19.50	
		75	0	18.37	18.34	18.45	19.50	
	64QAM	1	0	17.94	17.95	18.36	19.50	
		1	38	18.12	18.09	18.53	19.50	
		1	74	18.20	18.28	18.45	19.50	
		36	0	17.05	17.16	17.20	18.50	
		36	18	16.99	17.14	17.31	18.50	
		36	39	17.03	17.32	17.42	18.50	
		75	0	17.08	17.10	17.50	18.50	
	256QAM	1	0	15.28	15.24	15.43	16.50	
		1	38	15.60	15.61	15.31	16.50	
		1	74	15.74	15.66	15.65	16.50	
		36	0	15.56	15.51	15.72	16.50	
		36	18	15.60	15.70	15.66	16.50	
		36	39	15.73	15.66	15.43	16.50	
		75	0	15.59	15.95	15.70	16.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	QPSK	1	0	20.24	20.06	20.43	21.50
			1	50	20.34	20.32	20.63	21.50
			1	99	20.25	20.30	20.64	21.50
50			0	19.10	19.36	19.52	20.50	
50			25	18.98	19.45	19.59	20.50	
50			50	19.16	19.34	19.71	20.50	
100			0	18.95	19.25	19.42	20.50	
16QAM		1	0	19.40	19.27	19.39	20.50	
		1	50	19.28	19.65	19.52	20.50	
		1	99	19.40	19.58	19.63	20.50	
		50	0	18.15	18.18	18.47	19.50	
		50	25	18.11	18.34	18.38	19.50	
		50	50	18.06	18.40	18.68	19.50	
		100	0	18.28	18.32	18.45	19.50	
64QAM		1	0	17.99	18.04	18.27	19.50	
		1	50	18.20	18.11	18.52	19.50	
		1	99	18.14	18.30	18.38	19.50	
		50	0	17.12	17.24	17.30	18.50	
		50	25	17.03	17.12	17.41	18.50	
		50	50	17.09	17.30	17.49	18.50	



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		100	0	17.13	17.19	17.43	18.50
	256QAM	1	0	15.29	15.30	15.39	16.50
		1	50	15.61	15.66	15.37	16.50
		1	99	15.78	15.71	15.63	16.50
		50	0	15.50	15.58	15.72	16.50
		50	25	15.69	15.77	15.73	16.50
		50	50	15.63	15.65	15.40	16.50
		100	0	15.63	15.86	15.64	16.50

LTE Band 42 Eci2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	15.99	15.46	15.99	17.00
		1	13	15.82	15.63	16.08	17.00
		1	24	15.78	15.69	16.08	17.00
		12	0	15.86	15.56	16.17	17.00
		12	6	15.83	15.62	16.12	17.00
		12	13	15.86	15.53	16.26	17.00
		25	0	15.85	15.66	16.05	17.00
	16QAM	1	0	15.95	15.69	16.14	17.00
		1	13	15.97	15.64	16.26	17.00
		1	24	15.86	15.61	16.23	17.00
		12	0	16.01	15.54	16.07	17.00
		12	6	15.94	15.68	16.23	17.00
		12	13	15.96	15.59	16.10	17.00
		25	0	15.94	15.60	16.21	17.00
	64QAM	1	0	15.66	15.35	15.84	17.00
		1	13	15.59	15.31	15.84	17.00
		1	24	15.56	15.29	15.87	17.00
		12	0	15.99	15.52	16.06	17.00
		12	6	15.85	15.56	16.14	17.00
		12	13	15.97	15.62	16.06	17.00
		25	0	15.80	15.47	16.03	17.00
	256QAM	1	0	15.15	14.84	15.42	16.50
		1	13	15.06	14.92	15.54	16.50
		1	24	15.11	14.98	15.34	16.50
		12	0	15.32	14.96	15.73	16.50
		12	6	15.14	15.24	15.78	16.50



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Bandwidth	Modulation	RB size	RB offset	12	13	15.47	15.20	15.40	16.50
				25	0	15.44	15.10	15.58	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				42140	42590	43040			
10MHz	QPSK	1	0	15.92	15.45	15.95	17.00		
		1	25	15.90	15.50	16.06	17.00		
		1	49	15.86	15.56	16.14	17.00		
		25	0	15.90	15.52	16.03	17.00		
		25	13	15.98	15.62	16.20	17.00		
		25	25	15.96	15.54	16.10	17.00		
		50	0	15.92	15.51	16.02	17.00		
	16QAM	1	0	15.92	15.69	16.16	17.00		
		1	25	15.91	15.57	16.15	17.00		
		1	49	15.92	15.61	16.18	17.00		
		25	0	15.94	15.67	16.06	17.00		
		25	13	15.82	15.55	16.13	17.00		
		25	25	15.82	15.65	16.26	17.00		
		50	0	15.97	15.65	16.08	17.00		
	64QAM	1	0	15.62	15.29	15.77	17.00		
		1	25	15.63	15.23	15.92	17.00		
		1	49	15.57	15.28	15.88	17.00		
		25	0	15.96	15.66	16.15	17.00		
		25	13	15.85	15.65	16.18	17.00		
		25	25	15.82	15.70	16.12	17.00		
		50	0	15.86	15.50	16.21	17.00		
	256QAM	1	0	15.34	14.90	15.34	16.50		
		1	25	15.23	15.00	15.49	16.50		
		1	49	15.21	15.07	15.47	16.50		
25		0	15.30	15.13	15.65	16.50			
25		13	15.22	15.26	15.79	16.50			
25		25	15.31	15.18	15.53	16.50			
50		0	15.33	14.96	15.69	16.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
15MHz	QPSK	1	0	15.92	15.52	16.02	17.00		
		1	38	15.82	15.62	16.10	17.00		
		1	74	15.93	15.61	16.09	17.00		
		36	0	15.93	15.49	16.07	17.00		
		36	18	15.89	15.57	16.22	17.00		



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		36	39	15.89	15.58	16.13	17.00	
		75	0	15.85	15.53	16.07	17.00	
	16QAM	1	0	16.00	15.64	16.16	17.00	
		1	38	15.84	15.53	16.18	17.00	
		1	74	15.79	15.58	16.20	17.00	
		36	0	15.98	15.68	16.14	17.00	
		36	18	15.89	15.69	16.19	17.00	
		36	39	15.90	15.72	16.17	17.00	
		75	0	16.00	15.54	16.17	17.00	
		64QAM	1	0	15.66	15.32	15.80	17.00
	1		38	15.59	15.21	15.79	17.00	
	1		74	15.57	15.26	15.79	17.00	
	36		0	16.02	15.67	16.17	17.00	
	36		18	15.95	15.71	16.26	17.00	
	36		39	15.81	15.63	16.24	17.00	
	75		0	15.84	15.49	16.11	17.00	
	256QAM	1	0	15.28	14.79	15.32	16.50	
		1	38	15.22	14.81	15.56	16.50	
		1	74	15.12	15.06	15.40	16.50	
		36	0	15.34	15.06	15.73	16.50	
		36	18	15.17	15.38	15.60	16.50	
		36	39	15.47	15.16	15.38	16.50	
		75	0	15.28	15.08	15.55	16.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					42190	42590	42990	
	20MHz	QPSK	1	0	15.95	15.55	16.05	17.00
			1	50	15.87	15.55	16.10	17.00
			1	99	15.85	15.66	16.14	17.00
50			0	16.00	15.67	16.23	17.00	
50			25	16.02	15.72	16.26	17.00	
50			50	16.03	15.70	16.28	17.00	
100			0	15.87	15.59	16.12	17.00	
16QAM		1	0	15.97	15.65	16.13	17.00	
		1	50	15.89	15.62	16.23	17.00	
		1	99	15.84	15.68	16.13	17.00	
		50	0	15.96	15.60	16.16	17.00	
		50	25	15.91	15.62	16.22	17.00	
		50	50	15.91	15.66	16.17	17.00	
		100	0	15.91	15.62	16.16	17.00	



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64QAM	1	0	15.58	15.32	15.74	17.00	
	1	50	15.56	15.25	15.86	17.00	
	1	99	15.53	15.31	15.82	17.00	
	50	0	15.96	15.60	16.15	17.00	
	50	25	15.89	15.63	16.18	17.00	
	50	50	15.88	15.62	16.16	17.00	
	100	0	15.89	15.42	16.13	17.00	
	256QAM	1	0	15.24	14.88	15.39	16.50
		1	50	15.16	14.90	15.47	16.50
		1	99	15.13	14.97	15.43	16.50
		50	0	15.25	15.04	15.63	16.50
		50	25	15.18	15.34	15.70	16.50
		50	50	15.38	15.12	15.46	16.50
		100	0	15.38	15.05	15.59	16.50

LTE Band 42 Eci7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	15.52	15.32	15.47	16.50
		1	13	15.62	15.13	15.81	16.50
		1	24	15.71	15.10	15.74	16.50
		12	0	15.75	15.16	15.71	16.50
		12	6	15.65	15.29	15.72	16.50
		12	13	15.60	15.26	15.78	16.50
		25	0	15.70	15.35	15.68	16.50
	16QAM	1	0	15.74	15.44	15.84	16.50
		1	13	15.75	15.42	15.87	16.50
		1	24	15.80	15.43	15.97	16.50
		12	0	15.67	15.20	15.66	16.50
		12	6	15.67	15.20	15.72	16.50
		12	13	15.73	15.22	15.78	16.50
		25	0	15.82	15.24	15.72	16.50
	64QAM	1	0	15.57	15.22	15.71	16.50
		1	13	15.76	15.29	15.88	16.50
		1	24	15.60	15.22	15.83	16.50
		12	0	15.68	15.32	15.70	16.50
		12	6	15.82	15.23	15.92	16.50
		12	13	15.65	15.27	15.92	16.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				42140	42590	43040			
10MHz	256QAM	25	0	15.59	15.21	15.75	16.50		
		1	0	15.35	14.84	15.31	16.50		
		1	13	15.28	15.00	15.49	16.50		
		1	24	15.24	14.86	15.51	16.50		
		12	0	15.47	14.93	15.46	16.50		
		12	6	15.53	15.02	15.48	16.50		
		12	13	15.36	14.98	15.66	16.50		
		25	0	15.36	14.95	15.43	16.50		
	QPSK	16QAM	1	0	15.65	15.17	15.48	16.50	
			1	25	15.67	15.26	15.66	16.50	
			1	49	15.65	15.25	15.78	16.50	
			25	0	15.66	15.12	15.70	16.50	
			25	13	15.83	15.17	15.85	16.50	
			25	25	15.74	15.28	15.88	16.50	
			50	0	15.77	15.16	15.79	16.50	
		64QAM	256QAM	1	0	15.76	15.39	15.91	16.50
				1	25	15.82	15.54	15.90	16.50
				1	49	15.86	15.48	16.12	16.50
				25	0	15.68	15.24	15.69	16.50
				25	13	15.79	15.33	15.76	16.50
				25	25	15.62	15.20	15.87	16.50
				50	0	15.68	15.26	15.91	16.50
		256QAM	256QAM	1	0	15.66	15.18	15.66	16.50
				1	25	15.72	15.37	15.85	16.50
				1	49	15.55	15.14	15.93	16.50
				25	0	15.61	15.35	15.80	16.50
				25	13	15.85	15.22	15.93	16.50
				25	25	15.82	15.14	15.94	16.50
50				0	15.66	15.29	15.71	16.50	
256QAM		256QAM	1	0	15.35	14.98	15.34	16.50	
			1	25	15.36	14.98	15.43	16.50	
			1	49	15.30	14.80	15.61	16.50	
	25		0	15.36	14.96	15.49	16.50		
	25		13	15.55	14.91	15.46	16.50		
	25		25	15.43	15.05	15.57	16.50		
	50		0	15.42	14.92	15.44	16.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		



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Bandwidth	Modulation	RB size	RB offset	42165	42590	43015	Tune up
				Channel	Channel	Channel	
15MHz	QPSK	1	0	15.53	15.13	15.64	16.50
		1	38	15.65	15.13	15.80	16.50
		1	74	15.56	15.20	15.90	16.50
		36	0	15.67	15.24	15.66	16.50
		36	18	15.68	15.13	15.89	16.50
		36	39	15.58	15.18	15.81	16.50
		75	0	15.61	15.32	15.77	16.50
	16QAM	1	0	15.64	15.45	15.74	16.50
		1	38	15.81	15.39	15.88	16.50
		1	74	15.83	15.31	16.02	16.50
		36	0	15.64	15.28	15.78	16.50
		36	18	15.76	15.37	15.86	16.50
		36	39	15.64	15.17	15.88	16.50
		75	0	15.67	15.28	15.78	16.50
	64QAM	1	0	15.68	15.29	15.69	16.50
		1	38	15.69	15.32	15.71	16.50
		1	74	15.67	15.21	15.94	16.50
		36	0	15.80	15.19	15.78	16.50
		36	18	15.70	15.34	15.85	16.50
		36	39	15.82	15.33	15.77	16.50
		75	0	15.66	15.26	15.84	16.50
	256QAM	1	0	15.34	14.91	15.26	16.50
		1	38	15.45	14.97	15.58	16.50
		1	74	15.32	14.99	15.59	16.50
		36	0	15.47	15.02	15.39	16.50
		36	18	15.49	15.04	15.55	16.50
		36	39	15.37	14.92	15.67	16.50
		75	0	15.43	14.96	15.40	16.50
20MHz	QPSK	1	0	15.57	15.22	15.56	16.50
		1	50	15.66	15.23	15.72	16.50
1		99	15.62	15.19	15.83	16.50	
50		0	15.67	15.22	15.68	16.50	
50		25	15.73	15.22	15.80	16.50	
50		50	15.68	15.21	15.85	16.50	
100		0	15.68	15.25	15.74	16.50	
16QAM	1	0	15.69	15.42	15.82	16.50	



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		1	50	15.85	15.46	15.96	16.50
		1	99	15.82	15.38	16.03	16.50
		50	0	15.67	15.27	15.76	16.50
		50	25	15.74	15.27	15.82	16.50
		50	50	15.71	15.27	15.88	16.50
		100	0	15.73	15.27	15.82	16.50
	64QAM	1	0	15.62	15.26	15.63	16.50
		1	50	15.71	15.28	15.78	16.50
		1	99	15.65	15.23	15.90	16.50
		50	0	15.70	15.25	15.75	16.50
		50	25	15.75	15.25	15.83	16.50
		50	50	15.74	15.23	15.87	16.50
256QAM	100	0	15.69	15.21	15.78	16.50	
	1	0	15.26	14.93	15.27	16.50	
	1	50	15.35	14.94	15.48	16.50	
	1	99	15.31	14.89	15.53	16.50	
	50	0	15.42	14.98	15.44	16.50	
	50	25	15.46	15.01	15.55	16.50	
	50	50	15.42	14.98	15.60	16.50	
	100	0	15.37	14.93	15.48	16.50	



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## 5 Conducted Power of Main Antenna (Ant7)

### 5.1 Conducted Power of LTE

LTE Band 42 Eci4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	22.68	22.75	23.00	24.00
		1	13	22.66	22.79	22.92	24.00
		1	24	22.71	22.87	22.87	24.00
		12	0	21.83	21.77	21.95	23.00
		12	6	21.72	21.79	22.03	23.00
		12	13	21.67	21.93	21.98	23.00
		25	0	21.83	21.98	22.13	23.00
	16QAM	1	0	21.54	21.61	21.08	23.00
		1	13	21.78	21.82	21.80	23.00
		1	24	21.67	21.91	21.12	23.00
		12	0	20.75	20.84	21.16	22.00
		12	6	20.81	20.88	20.98	22.00
		12	13	20.80	20.90	21.03	22.00
		25	0	20.81	20.83	20.99	22.00
	64QAM	1	0	20.30	20.40	20.54	22.00
		1	13	20.34	20.56	20.79	22.00
		1	24	20.42	20.58	20.76	22.00
		12	0	19.67	19.91	20.13	21.00
		12	6	19.77	19.82	20.14	21.00
		12	13	19.83	19.80	19.97	21.00
		25	0	19.83	19.78	19.76	21.00
	256QAM	1	0	17.72	17.58	17.93	19.00
		1	13	17.63	17.77	17.81	19.00
		1	24	17.67	17.75	17.90	19.00
		12	0	17.87	17.96	18.18	19.00
		12	6	17.98	17.83	18.08	19.00
		12	13	17.97	17.86	18.11	19.00
		25	0	17.89	17.98	18.13	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.71	22.73	22.98	24.00
		1	25	22.68	22.79	22.96	24.00



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		1	49	22.63	22.90	22.94	24.00	
		25	0	21.86	21.79	22.12	23.00	
		25	13	21.85	21.88	22.14	23.00	
		25	25	21.70	21.93	22.00	23.00	
		50	0	21.70	21.80	22.13	23.00	
	16QAM	1	0	21.49	21.62	21.06	23.00	
		1	25	21.72	21.91	21.83	23.00	
		1	49	21.65	21.80	21.18	23.00	
		25	0	20.86	20.86	21.02	22.00	
		25	13	20.86	20.98	21.16	22.00	
		25	25	20.69	20.97	21.12	22.00	
	64QAM	50	0	20.78	20.91	20.98	22.00	
		1	0	20.41	20.51	20.57	22.00	
		1	25	20.53	20.52	20.60	22.00	
		1	49	20.32	20.54	20.56	22.00	
		25	0	19.83	19.83	20.11	21.00	
		25	13	19.75	19.77	20.06	21.00	
		25	25	19.81	19.93	20.14	21.00	
	256QAM	50	0	19.80	19.85	19.89	21.00	
		1	0	17.66	17.67	17.83	19.00	
		1	25	17.70	17.75	17.88	19.00	
		1	49	17.64	17.79	17.92	19.00	
		25	0	17.96	17.90	18.03	19.00	
		25	13	17.86	17.89	18.01	19.00	
		25	25	17.82	17.92	18.00	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					42165	42590	43015	
	15MHz	QPSK	1	0	22.76	22.77	22.89	24.00
1			38	22.72	22.84	22.92	24.00	
1			74	22.59	22.81	22.80	24.00	
36			0	21.77	21.90	22.06	23.00	
36			18	21.88	21.81	22.15	23.00	
36			39	21.73	21.97	22.12	23.00	
75			0	21.78	21.92	22.03	23.00	
16QAM		1	0	21.54	21.69	21.18	23.00	
		1	38	21.79	21.94	21.77	23.00	
		1	74	21.79	21.91	21.20	23.00	
		36	0	20.82	20.94	21.00	22.00	



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		36	18	20.87	20.92	21.00	22.00	
		36	39	20.81	20.89	21.00	22.00	
		75	0	20.71	20.83	21.13	22.00	
	64QAM	1	0	20.41	20.38	20.59	22.00	
		1	38	20.51	20.56	20.73	22.00	
		1	74	20.36	20.62	20.75	22.00	
		36	0	19.70	19.81	20.00	21.00	
		36	18	19.74	19.97	20.03	21.00	
		36	39	19.78	19.89	20.11	21.00	
		75	0	19.68	19.78	19.76	21.00	
	256QAM	1	0	17.63	17.63	17.90	19.00	
		1	38	17.62	17.79	17.89	19.00	
		1	74	17.68	17.70	17.87	19.00	
		36	0	17.96	17.86	18.15	19.00	
		36	18	17.98	17.97	18.16	19.00	
		36	39	17.91	17.98	18.09	19.00	
		75	0	17.91	17.91	18.00	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 42190	Channel 42590	Channel 42990	Tune up
	20MHz	QPSK	1	0	22.75	22.75	22.96	24.00
			1	50	22.73	22.84	22.95	24.00
			1	99	22.65	22.86	22.89	24.00
50			0	21.77	21.84	22.04	23.00	
50			25	21.82	21.86	22.05	23.00	
50			50	21.77	21.92	22.04	23.00	
100			0	21.78	21.89	22.04	23.00	
16QAM		1	0	21.56	21.64	21.09	23.00	
		1	50	21.78	21.89	21.79	23.00	
		1	99	21.70	21.83	21.15	23.00	
		50	0	20.83	20.89	21.08	22.00	
		50	25	20.82	20.90	21.06	22.00	
		50	50	20.79	20.94	21.05	22.00	
		100	0	20.81	20.92	21.07	22.00	
64QAM		1	0	20.40	20.43	20.61	22.00	
		1	50	20.43	20.55	20.70	22.00	
		1	99	20.32	20.56	20.66	22.00	
		50	0	19.75	19.84	20.07	21.00	
		50	25	19.84	19.87	20.06	21.00	
		50	50	19.79	19.89	20.05	21.00	



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		100	0	19.75	19.84	19.86	21.00
	256QAM	1	0	17.70	17.65	17.89	19.00
		1	50	17.71	17.75	17.87	19.00
		1	99	17.65	17.77	17.82	19.00
		50	0	17.91	17.89	18.11	19.00
		50	25	17.91	17.93	18.11	19.00
		50	50	17.89	17.91	18.07	19.00
		100	0	17.86	17.92	18.04	19.00

LTE Band 42 Eci3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	15.92	15.55	16.01	17.00
		1	13	15.91	15.57	16.02	17.00
		1	24	15.80	15.51	16.01	17.00
		12	0	16.03	15.51	16.05	17.00
		12	6	15.96	15.38	16.11	17.00
		12	13	15.92	15.44	15.97	17.00
		25	0	15.97	15.44	15.93	17.00
	16QAM	1	0	16.23	15.70	16.10	17.00
		1	13	16.17	15.65	16.26	17.00
		1	24	15.99	15.60	16.21	17.00
		12	0	15.94	15.42	16.03	17.00
		12	6	16.11	15.42	15.94	17.00
		12	13	15.96	15.45	15.99	17.00
		25	0	15.99	15.58	16.03	17.00
	64QAM	1	0	16.02	15.57	15.92	17.00
		1	13	16.10	15.49	16.02	17.00
		1	24	16.01	15.41	16.12	17.00
		12	0	15.94	15.42	16.05	17.00
		12	6	16.14	15.38	15.97	17.00
		12	13	15.98	15.47	15.98	17.00
		25	0	16.06	15.39	16.06	17.00
	256QAM	1	0	16.03	15.45	15.96	17.00
		1	13	15.88	15.43	16.02	17.00
		1	24	15.80	15.37	15.97	17.00
		12	0	15.95	15.43	16.07	17.00
		12	6	16.15	15.53	16.06	17.00



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Bandwidth	Modulation	RB size	RB offset	12	13	15.94	15.46	16.02	17.00
				25	0	16.08	15.45	16.02	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				42140	42590	43040			
10MHz	QPSK	1	0	15.97	15.49	16.04	17.00		
		1	25	15.86	15.37	16.05	17.00		
		1	49	15.85	15.65	15.93	17.00		
		25	0	15.89	15.46	16.01	17.00		
		25	13	16.04	15.46	15.99	17.00		
		25	25	16.05	15.51	16.06	17.00		
		50	0	16.09	15.45	16.08	17.00		
	16QAM	1	0	16.06	15.78	16.15	17.00		
		1	25	16.21	15.72	16.18	17.00		
		1	49	16.15	15.54	16.14	17.00		
		25	0	16.10	15.55	16.00	17.00		
		25	13	15.95	15.45	16.02	17.00		
		25	25	16.09	15.53	16.01	17.00		
		50	0	15.97	15.53	16.06	17.00		
	64QAM	1	0	15.90	15.49	15.88	17.00		
		1	25	16.07	15.56	16.09	17.00		
		1	49	15.92	15.40	16.10	17.00		
		25	0	16.12	15.39	16.03	17.00		
		25	13	15.98	15.41	16.03	17.00		
		25	25	16.05	15.51	16.18	17.00		
		50	0	15.95	15.38	15.97	17.00		
	256QAM	1	0	15.87	15.53	15.83	17.00		
		1	25	15.91	15.56	16.11	17.00		
		1	49	15.86	15.30	16.10	17.00		
		25	0	16.03	15.41	16.04	17.00		
		25	13	16.12	15.48	16.01	17.00		
		25	25	16.06	15.53	16.11	17.00		
		50	0	16.00	15.47	16.13	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				42165	42590	43015			
15MHz	QPSK	1	0	16.02	15.48	16.12	17.00		
		1	38	15.91	15.47	15.91	17.00		
		1	74	15.80	15.53	15.93	17.00		
		36	0	15.94	15.55	15.93	17.00		
		36	18	16.03	15.53	15.97	17.00		



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		36	39	15.99	15.47	15.98	17.00	
		75	0	15.92	15.36	16.10	17.00	
	16QAM	1	0	16.13	15.75	16.09	17.00	
		1	38	16.25	15.76	16.16	17.00	
		1	74	16.00	15.60	16.17	17.00	
		36	0	15.97	15.44	15.98	17.00	
		36	18	16.06	15.52	15.95	17.00	
		36	39	16.04	15.52	16.13	17.00	
		75	0	16.03	15.49	15.96	17.00	
		64QAM	1	0	16.07	15.64	15.99	17.00
	1		38	15.97	15.52	16.07	17.00	
	1		74	15.89	15.42	16.05	17.00	
	36		0	16.03	15.41	16.08	17.00	
	36		18	16.00	15.52	16.01	17.00	
	36		39	15.99	15.35	16.12	17.00	
	75		0	15.99	15.51	15.98	17.00	
	256QAM	1	0	15.87	15.48	15.98	17.00	
		1	38	15.99	15.57	16.01	17.00	
		1	74	15.97	15.37	15.97	17.00	
		36	0	16.08	15.45	16.08	17.00	
		36	18	16.01	15.54	16.01	17.00	
		36	39	16.13	15.51	16.13	17.00	
		75	0	16.10	15.47	16.04	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					42190	42590	42990	
	20MHz	QPSK	1	0	15.95	15.53	16.03	17.00
			1	50	15.96	15.47	15.99	17.00
			1	99	15.89	15.55	16.02	17.00
50			0	15.99	15.47	15.95	17.00	
50			25	16.01	15.44	16.04	17.00	
50			50	15.97	15.50	16.02	17.00	
100			0	15.99	15.43	16.00	17.00	
16QAM		1	0	16.16	15.68	16.06	17.00	
		1	50	16.16	15.70	16.20	17.00	
		1	99	16.06	15.60	16.23	17.00	
		50	0	16.02	15.51	16.00	17.00	
		50	25	16.05	15.48	16.02	17.00	
		50	50	16.02	15.44	16.06	17.00	
		100	0	16.02	15.48	16.03	17.00	



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64QAM	1	0	15.97	15.54	15.91	17.00	
	1	50	16.03	15.51	16.05	17.00	
	1	99	15.94	15.42	16.09	17.00	
	50	0	16.03	15.49	16.01	17.00	
	50	25	16.07	15.48	16.06	17.00	
	50	50	15.99	15.43	16.08	17.00	
	100	0	15.99	15.43	16.01	17.00	
	256QAM	1	0	15.94	15.49	15.89	17.00
		1	50	15.98	15.47	16.01	17.00
		1	99	15.89	15.39	16.07	17.00
		50	0	16.03	15.51	16.02	17.00
		50	25	16.05	15.51	16.07	17.00
		50	50	16.04	15.46	16.09	17.00
		100	0	16.00	15.46	16.03	17.00

LTE Band 42 Eci2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	14.97	14.85	15.09	16.00
		1	13	14.98	14.38	15.08	16.00
		1	24	14.99	14.56	14.93	16.00
		12	0	15.01	14.44	14.95	16.00
		12	6	14.97	14.39	15.14	16.00
		12	13	14.89	14.58	15.11	16.00
		25	0	14.89	14.50	14.90	16.00
	16QAM	1	0	15.16	14.71	15.12	16.00
		1	13	15.17	14.57	15.20	16.00
		1	24	15.03	14.62	15.18	16.00
		12	0	14.92	14.47	14.93	16.00
		12	6	15.08	14.51	14.93	16.00
		12	13	14.95	14.36	15.03	16.00
		25	0	15.08	14.45	15.11	16.00
	64QAM	1	0	15.03	14.45	14.97	16.00
		1	13	14.92	14.50	14.92	16.00
		1	24	14.90	14.43	15.04	16.00
		12	0	15.08	14.50	15.09	16.00
		12	6	15.11	14.55	15.02	16.00
		12	13	15.10	14.53	15.17	16.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				42140	42590	43040			
10MHz	256QAM	25	0	15.00	14.29	15.00	16.00		
		1	0	14.97	14.46	14.74	16.00		
		1	13	14.97	14.37	15.03	16.00		
		1	24	14.90	14.37	14.94	16.00		
		12	0	14.99	14.52	15.00	16.00		
		12	6	15.10	14.61	15.07	16.00		
		12	13	15.02	14.50	15.05	16.00		
		25	0	14.96	14.43	14.91	16.00		
	QPSK	QPSK	1	0	14.89	14.86	14.96	16.00	
			1	25	15.06	14.49	15.04	16.00	
			1	49	14.89	14.71	14.98	16.00	
			25	0	15.00	14.55	14.87	16.00	
			25	13	14.94	14.47	15.10	16.00	
			25	25	14.89	14.49	15.00	16.00	
			50	0	14.87	14.48	14.93	16.00	
		16QAM	16QAM	1	0	15.13	14.67	15.05	16.00
				1	25	15.09	14.70	15.24	16.00
				1	49	14.98	14.64	15.28	16.00
				25	0	14.98	14.53	15.06	16.00
				25	13	14.96	14.55	14.99	16.00
				25	25	14.97	14.47	15.13	16.00
				50	0	15.05	14.47	14.99	16.00
		64QAM	64QAM	1	0	14.92	14.55	14.97	16.00
				1	25	15.09	14.58	15.12	16.00
				1	49	14.82	14.48	15.18	16.00
				25	0	14.98	14.59	14.93	16.00
				25	13	15.13	14.49	14.95	16.00
				25	25	15.06	14.53	15.13	16.00
50				0	14.94	14.32	15.04	16.00	
256QAM		256QAM	1	0	14.89	14.53	14.74	16.00	
			1	25	14.95	14.55	14.96	16.00	
			1	49	14.79	14.40	14.89	16.00	
	25		0	15.00	14.57	15.13	16.00		
	25		13	15.01	14.46	14.96	16.00		
	25		25	14.99	14.53	15.02	16.00		
	50		0	15.04	14.46	15.09	16.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		



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Bandwidth	Modulation	RB size	RB offset	42165	42590	43015	Tune up
				Channel	Channel	Channel	
15MHz	QPSK	1	0	14.92	14.90	15.09	16.00
		1	38	14.99	14.48	14.90	16.00
		1	74	14.90	14.58	15.03	16.00
		36	0	14.95	14.54	14.87	16.00
		36	18	15.00	14.49	15.14	16.00
		36	39	14.89	14.58	14.94	16.00
		75	0	15.06	14.39	15.08	16.00
	16QAM	1	0	14.98	14.74	14.96	16.00
		1	38	15.24	14.68	15.15	16.00
		1	74	15.12	14.63	15.23	16.00
		36	0	14.93	14.42	14.94	16.00
		36	18	15.12	14.45	15.09	16.00
		36	39	14.90	14.52	14.95	16.00
		75	0	15.02	14.37	15.09	16.00
	64QAM	1	0	15.07	14.59	14.88	16.00
		1	38	15.10	14.53	14.93	16.00
		1	74	14.98	14.39	14.98	16.00
		36	0	14.92	14.59	15.11	16.00
		36	18	14.99	14.43	15.11	16.00
		36	39	15.08	14.39	15.13	16.00
		75	0	15.08	14.45	15.11	16.00
	256QAM	1	0	14.78	14.40	14.84	16.00
		1	38	15.04	14.44	14.99	16.00
		1	74	14.96	14.31	14.95	16.00
		36	0	14.96	14.58	15.11	16.00
		36	18	15.05	14.49	15.12	16.00
		36	39	15.10	14.38	15.18	16.00
		75	0	14.88	14.44	15.01	16.00
20MHz	QPSK	1	0	14.97	14.80	15.04	16.00
		1	50	14.96	14.46	14.98	16.00
1		99	14.91	14.61	15.03	16.00	
50		0	14.99	14.46	14.96	16.00	
50		25	15.03	14.43	15.04	16.00	
50		50	14.97	14.49	15.03	16.00	
100		0	14.96	14.42	14.98	16.00	
16QAM	1	0	15.06	14.67	15.06	16.00	



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		1	50	15.18	14.66	15.17	16.00
		1	99	15.08	14.58	15.25	16.00
		50	0	15.00	14.46	14.99	16.00
		50	25	15.04	14.45	15.03	16.00
		50	50	15.00	14.43	15.05	16.00
		100	0	15.01	14.45	15.03	16.00
	64QAM	1	0	14.97	14.53	14.92	16.00
		1	50	15.01	14.49	15.02	16.00
		1	99	14.92	14.41	15.08	16.00
		50	0	15.02	14.49	15.01	16.00
		50	25	15.04	14.45	15.05	16.00
		50	50	15.00	14.44	15.07	16.00
	256QAM	100	0	14.98	14.39	15.01	16.00
		1	0	14.88	14.48	14.82	16.00
		1	50	14.95	14.46	15.03	16.00
		1	99	14.88	14.38	14.98	16.00
		50	0	15.04	14.52	15.03	16.00
		50	25	15.07	14.51	15.05	16.00
		50	50	15.01	14.46	15.09	16.00
		100	0	14.97	14.45	14.99	16.00

LTE Band 42 Eci7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	14.55	14.03	14.47	15.50
		1	13	14.46	13.97	14.58	15.50
		1	24	14.49	13.98	14.56	15.50
		12	0	14.58	13.99	14.51	15.50
		12	6	14.58	14.00	14.52	15.50
		12	13	14.53	13.91	14.58	15.50
	16QAM	25	0	14.47	13.96	14.48	15.50
		1	0	14.73	14.15	14.59	15.50
		1	13	14.76	14.26	14.74	15.50
		1	24	14.65	14.13	14.77	15.50
		12	0	14.56	14.07	14.47	15.50
		12	6	14.52	14.04	14.56	15.50
		12	13	14.50	13.92	14.59	15.50
		25	0	14.55	14.00	14.54	15.50



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	64QAM	1	0	14.51	14.12	14.46	15.50
		1	13	14.56	13.99	14.61	15.50
		1	24	14.53	13.90	14.58	15.50
		12	0	14.58	14.02	14.55	15.50
		12	6	14.62	14.06	14.59	15.50
		12	13	14.50	13.91	14.56	15.50
		25	0	14.45	13.95	14.56	15.50
	256QAM	1	0	14.43	14.01	14.45	15.50
		1	13	14.47	14.03	14.53	15.50
		1	24	14.46	13.95	14.58	15.50
		12	0	14.57	14.08	14.54	15.50
		12	6	14.55	14.05	14.61	15.50
		12	13	14.53	13.96	14.61	15.50
		25	0	14.47	13.92	14.56	15.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				42140	42590	43040	
<b>10MHz</b>	QPSK	1	0	14.49	14.10	14.43	15.50
		1	25	14.46	14.03	14.55	15.50
		1	49	14.48	13.93	14.53	15.50
		25	0	14.59	14.02	14.49	15.50
		25	13	14.53	13.97	14.53	15.50
		25	25	14.55	13.89	14.54	15.50
		50	0	14.52	13.91	14.50	15.50
	16QAM	1	0	14.62	14.26	14.58	15.50
		1	25	14.64	14.27	14.74	15.50
		1	49	14.62	14.16	14.72	15.50
		25	0	14.49	14.00	14.48	15.50
		25	13	14.52	13.98	14.59	15.50
		25	25	14.56	13.90	14.64	15.50
		50	0	14.60	13.97	14.61	15.50
	64QAM	1	0	14.58	14.06	14.49	15.50
		1	25	14.49	14.00	14.52	15.50
		1	49	14.44	14.00	14.57	15.50
		25	0	14.51	13.98	14.55	15.50
		25	13	14.57	14.06	14.55	15.50
		25	25	14.52	13.96	14.57	15.50
		50	0	14.45	13.95	14.47	15.50
	256QAM	1	0	14.50	14.08	14.43	15.50
		1	25	14.55	14.00	14.56	15.50



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		1	49	14.40	13.92	14.64	15.50
		25	0	14.58	14.01	14.50	15.50
		25	13	14.64	14.02	14.52	15.50
		25	25	14.55	14.02	14.58	15.50
		50	0	14.52	13.96	14.52	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42590	43015	
15MHz	QPSK	1	0	14.55	14.09	14.40	15.50
		1	38	14.49	13.95	14.50	15.50
		1	74	14.47	13.94	14.57	15.50
		36	0	14.49	14.06	14.55	15.50
		36	18	14.58	13.90	14.53	15.50
		36	39	14.56	13.97	14.56	15.50
		75	0	14.53	13.93	14.49	15.50
	16QAM	1	0	14.67	14.24	14.53	15.50
		1	38	14.73	14.15	14.66	15.50
		1	74	14.65	14.15	14.76	15.50
		36	0	14.60	14.02	14.50	15.50
		36	18	14.54	13.97	14.62	15.50
		36	39	14.47	13.99	14.59	15.50
		75	0	14.60	14.06	14.61	15.50
	64QAM	1	0	14.51	14.13	14.45	15.50
		1	38	14.51	14.05	14.57	15.50
		1	74	14.42	13.98	14.63	15.50
		36	0	14.53	14.04	14.60	15.50
		36	18	14.53	14.07	14.53	15.50
		36	39	14.57	13.99	14.57	15.50
		75	0	14.50	13.95	14.48	15.50
	256QAM	1	0	14.55	14.00	14.45	15.50
		1	38	14.52	14.01	14.51	15.50
		1	74	14.38	13.88	14.57	15.50
		36	0	14.63	14.03	14.56	15.50
		36	18	14.63	14.06	14.54	15.50
		36	39	14.49	13.99	14.69	15.50
		75	0	14.49	13.98	14.50	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42590	42990	
20MHz	QPSK	1	0	14.48	14.01	14.57	15.50
		1	50	14.48	13.95	14.49	15.50



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		1	99	14.41	14.02	14.53	15.50
		50	0	14.49	13.96	14.45	15.50
		50	25	14.51	13.92	14.48	15.50
		50	50	14.46	13.97	14.47	15.50
		100	0	14.47	13.92	14.48	15.50
	16QAM	1	0	14.64	14.17	14.54	15.50
		1	50	14.66	14.17	14.68	15.50
		1	99	14.56	14.08	14.72	15.50
		50	0	14.50	13.97	14.49	15.50
		50	25	14.53	13.95	14.53	15.50
		50	50	14.48	13.92	14.54	15.50
	64QAM	100	0	14.51	13.96	14.51	15.50
		1	0	14.48	14.04	14.40	15.50
		1	50	14.50	14.00	14.53	15.50
		1	99	14.43	13.90	14.56	15.50
		50	0	14.52	13.99	14.50	15.50
		50	25	14.55	13.97	14.53	15.50
		50	50	14.50	13.92	14.56	15.50
	256QAM	100	0	14.47	13.92	14.47	15.50
		1	0	14.45	13.99	14.37	15.50
		1	50	14.46	13.97	14.50	15.50
1		99	14.37	13.87	14.55	15.50	
50		0	14.53	14.02	14.50	15.50	
50		25	14.57	14.00	14.54	15.50	
50		50	14.51	13.95	14.59	15.50	
100	0	14.49	13.94	14.49	15.50		

LTE Band 42 Eci6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	17.02	16.51	16.95	18.00
		1	13	17.01	16.53	17.04	18.00
		1	24	16.97	16.37	17.03	18.00
		12	0	17.02	16.45	16.99	18.00
		12	6	17.03	16.47	17.01	18.00
		12	13	16.99	16.42	17.10	18.00
		25	0	16.98	16.42	17.01	18.00
	16QAM	1	0	17.18	16.73	17.11	18.00



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		1	13	17.15	16.69	17.19	18.00	
		1	24	17.14	16.68	17.27	18.00	
		12	0	17.00	16.55	17.05	18.00	
		12	6	17.13	16.56	17.09	18.00	
		12	13	17.05	16.48	17.13	18.00	
		25	0	17.00	16.54	17.04	18.00	
	64QAM	1	0	17.07	16.59	17.01	18.00	
		1	13	17.07	16.58	17.07	18.00	
		1	24	16.93	16.49	17.07	18.00	
		12	0	17.06	16.58	17.10	18.00	
		12	6	17.09	16.47	17.04	18.00	
		12	13	17.04	16.46	17.18	18.00	
	256QAM	25	0	17.07	16.44	17.08	18.00	
		1	0	17.01	16.48	16.98	18.00	
		1	13	17.04	16.55	17.01	18.00	
		1	24	16.91	16.46	17.16	18.00	
		12	0	17.08	16.60	17.03	18.00	
		12	6	17.09	16.49	17.11	18.00	
	10MHz	12	13	17.13	16.47	17.13	18.00	
		25	0	17.03	16.49	17.10	18.00	
<b>Bandwidth</b>		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					42140	42590	43040	
		QPSK	1	0	17.03	16.59	16.85	18.00
			1	25	17.03	16.48	17.00	18.00
	1		49	16.87	16.48	17.00	18.00	
	25		0	17.00	16.54	16.96	18.00	
	25		13	17.08	16.53	17.08	18.00	
	25		25	17.07	16.39	17.11	18.00	
	50		0	16.99	16.45	17.04	18.00	
	16QAM	1	0	17.19	16.77	17.09	18.00	
		1	25	17.22	16.71	17.21	18.00	
		1	49	17.06	16.63	17.33	18.00	
		25	0	17.06	16.51	17.09	18.00	
		25	13	17.10	16.53	17.04	18.00	
		25	25	17.03	16.51	17.09	18.00	
	64QAM	50	0	17.08	16.55	17.09	18.00	
		1	0	17.01	16.56	16.93	18.00	
		1	25	17.04	16.52	17.08	18.00	
		1	49	16.92	16.48	17.13	18.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				42165	42590	43015		
15MHz	256QAM	25	0	17.11	16.56	17.07	18.00	
		25	13	17.17	16.55	17.11	18.00	
		25	25	16.99	16.51	17.09	18.00	
		50	0	16.99	16.45	17.05	18.00	
		1	0	16.95	16.49	16.95	18.00	
		1	25	17.01	16.49	16.99	18.00	
		1	49	16.92	16.37	17.08	18.00	
		25	0	17.11	16.55	17.08	18.00	
	25	13	17.04	16.59	17.14	18.00		
	25	25	17.14	16.52	17.17	18.00		
	50	0	17.08	16.45	17.12	18.00		
	15MHz	QPSK	1	0	16.97	16.59	16.92	18.00
			1	38	16.97	16.54	17.06	18.00
			1	74	16.97	16.41	17.11	18.00
			36	0	17.07	16.50	16.99	18.00
			36	18	17.09	16.47	17.02	18.00
			36	39	16.96	16.38	17.08	18.00
			75	0	17.01	16.50	17.10	18.00
		16QAM	1	0	17.18	16.73	17.15	18.00
			1	38	17.16	16.70	17.27	18.00
			1	74	17.06	16.70	17.23	18.00
			36	0	17.09	16.60	17.05	18.00
			36	18	17.08	16.49	17.06	18.00
			36	39	17.07	16.49	17.12	18.00
			75	0	17.01	16.47	17.12	18.00
		64QAM	1	0	16.99	16.61	16.91	18.00
			1	38	17.07	16.56	17.09	18.00
			1	74	17.04	16.50	17.08	18.00
36			0	17.08	16.55	17.10	18.00	
36			18	17.14	16.52	17.04	18.00	
36			39	17.06	16.53	17.08	18.00	
75			0	17.01	16.49	17.10	18.00	
256QAM		1	0	16.92	16.56	16.98	18.00	
		1	38	17.04	16.49	17.11	18.00	
		1	74	16.98	16.49	17.14	18.00	
		36	0	17.10	16.52	17.01	18.00	
		36	18	17.15	16.58	17.17	18.00	



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Bandwidth	Modulation	36	39	17.08	16.53	17.18	18.00
		75	0	17.10	16.54	17.02	18.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	16.95	16.53	17.03	
		1	50	16.96	16.47	16.99	18.00
		1	99	16.89	16.55	17.02	18.00
		50	0	16.99	16.47	16.95	18.00
		50	25	17.01	16.44	17.03	18.00
		50	50	16.97	16.85	17.02	18.00
		100	0	16.99	16.43	17.00	18.00
	16QAM	1	0	17.16	16.68	17.06	18.00
		1	50	17.16	16.70	17.20	18.00
		1	99	17.06	16.60	17.23	18.00
		50	0	17.02	16.51	17.00	18.00
		50	25	17.05	16.48	17.02	18.00
		50	50	17.02	16.44	17.06	18.00
		100	0	17.02	16.48	17.03	18.00
	64QAM	1	0	16.97	16.54	16.91	18.00
		1	50	17.03	16.51	17.05	18.00
		1	99	16.94	16.42	17.09	18.00
		50	0	17.03	16.49	17.01	18.00
		50	25	17.07	16.48	17.06	18.00
		50	50	16.99	16.43	17.08	18.00
		100	0	16.99	16.43	17.01	18.00
	256QAM	1	0	16.94	16.49	16.89	18.00
		1	50	16.98	16.47	17.01	18.00
		1	99	16.89	16.39	17.07	18.00
		50	0	17.03	16.51	17.02	18.00
		50	25	17.05	16.51	17.07	18.00
		50	50	17.04	16.46	17.09	18.00
		100	0	17.00	16.46	17.03	18.00



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## 6 Conducted Power of Main Antenna (Ant8)

### 6.1 Conducted Power of LTE

LTE Band 42 Eci2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	21.92	22.25	22.18	23.00
		1	13	22.10	22.14	22.21	23.00
		1	24	22.09	22.09	22.18	23.00
		12	0	21.26	21.31	21.17	22.00
		12	6	21.28	21.25	21.10	22.00
		12	13	21.31	21.08	21.12	22.00
		25	0	21.15	21.24	21.15	22.00
	16QAM	1	0	21.19	21.30	21.10	22.00
		1	13	21.24	21.22	21.12	22.00
		1	24	21.30	21.18	21.17	22.00
		12	0	20.12	20.20	20.09	21.00
		12	6	20.21	20.19	20.07	21.00
		12	13	20.20	20.11	20.24	21.00
		25	0	20.12	20.12	20.26	21.00
	64QAM	1	0	19.85	19.92	19.80	21.00
		1	13	19.90	19.83	19.92	21.00
		1	24	19.87	19.83	19.79	21.00
		12	0	19.22	19.28	19.09	20.00
		12	6	19.10	19.33	19.22	20.00
		12	13	19.23	19.23	19.19	20.00
		25	0	19.08	19.10	19.10	20.00
	256QAM	1	0	17.01	17.08	16.99	18.00
		1	13	17.08	16.96	16.96	18.00
		1	24	17.12	16.93	17.00	18.00
		12	0	17.13	17.26	17.08	18.00
		12	6	17.21	17.34	17.16	18.00
		12	13	17.18	17.25	17.26	18.00
		25	0	17.11	17.18	17.20	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.99	22.10	22.10	23.00
		1	25	22.14	22.14	22.14	23.00



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		1	49	22.14	22.11	22.22	23.00			
		25	0	21.13	21.23	21.10	22.00			
		25	13	21.17	21.14	21.08	22.00			
		25	25	21.18	21.18	21.17	22.00			
		50	0	21.11	21.24	21.22	22.00			
	16QAM	1	0	21.10	21.16	21.03	22.00			
		1	25	21.29	21.17	21.08	22.00			
		1	49	21.34	21.15	21.24	22.00			
		25	0	20.20	20.15	20.06	21.00			
		25	13	20.10	20.20	20.07	21.00			
		25	25	20.14	20.16	20.11	21.00			
	64QAM	50	0	20.16	20.18	20.24	21.00			
		1	0	19.68	19.99	19.85	21.00			
		1	25	19.92	19.90	19.83	21.00			
		1	49	19.90	19.75	19.90	21.00			
		25	0	19.11	19.26	19.12	20.00			
		25	13	19.27	19.29	19.15	20.00			
	256QAM	25	25	19.15	19.31	19.23	20.00			
		50	0	19.13	19.18	19.14	20.00			
		1	0	17.01	17.06	17.00	18.00			
		1	25	16.94	16.97	16.91	18.00			
1		49	17.12	17.05	16.91	18.00				
25		0	17.16	17.35	17.09	18.00				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				42165	42590	43015				
				1	0	22.05		22.18	22.15	23.00
				1	38	21.99		22.22	22.18	23.00
				1	74	22.07		22.08	22.07	23.00
				36	0	21.12		21.15	21.08	22.00
				36	18	21.26		21.21	21.04	22.00
15MHz	QPSK	36	39	21.19	21.20	21.15	22.00			
		75	0	21.27	21.11	21.16	22.00			
		1	0	21.11	21.32	21.16	22.00			
		1	38	21.22	21.19	21.25	22.00			
		1	74	21.18	21.09	21.24	22.00			
		36	0	20.16	20.32	20.13	21.00			
	16QAM									



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		36	18	20.27	20.21	20.06	21.00	
		36	39	20.16	20.11	20.16	21.00	
		75	0	20.19	20.27	20.07	21.00	
	64QAM	1	0	19.74	19.93	19.89	21.00	
		1	38	19.76	19.85	19.84	21.00	
		1	74	19.91	19.86	19.75	21.00	
		36	0	19.10	19.28	19.15	20.00	
		36	18	19.18	19.33	19.14	20.00	
		36	39	19.24	19.21	19.08	20.00	
		75	0	19.24	19.21	19.06	20.00	
	256QAM	1	0	17.01	16.98	16.97	18.00	
		1	38	16.94	17.15	16.93	18.00	
		1	74	16.97	17.06	16.88	18.00	
		36	0	17.24	17.29	17.12	18.00	
		36	18	17.16	17.20	17.23	18.00	
		36	39	17.18	17.25	17.22	18.00	
		75	0	17.20	17.17	17.05	18.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 42190	<b>Channel</b> 42590	<b>Channel</b> 42990	<b>Tune up</b>
	<b>20MHz</b>	QPSK	1	0	22.02	22.17	22.10	23.00
			1	50	22.09	22.16	22.12	23.00
			1	99	22.11	22.09	22.12	23.00
50			0	21.17	21.22	21.12	22.00	
50			25	21.18	21.21	21.13	22.00	
50			50	21.21	21.18	21.11	22.00	
100			0	21.17	21.19	21.12	22.00	
16QAM		1	0	21.16	21.23	21.09	22.00	
		1	50	21.23	21.22	21.15	22.00	
		1	99	21.24	21.16	21.14	22.00	
		50	0	20.15	20.25	20.13	21.00	
		50	25	20.20	20.24	20.16	21.00	
		50	50	20.19	20.20	20.14	21.00	
		100	0	20.17	20.22	20.16	21.00	
64QAM		1	0	19.75	19.92	19.80	21.00	
		1	50	19.82	19.89	19.83	21.00	
		1	99	19.87	19.82	19.84	21.00	
		50	0	19.17	19.26	19.13	20.00	
		50	25	19.18	19.23	19.16	20.00	
		50	50	19.19	19.21	19.15	20.00	



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		100	0	19.17	19.19	19.12	20.00
	256QAM	1	0	16.95	17.07	16.94	18.00
		1	50	17.01	17.05	16.96	18.00
		1	99	17.05	16.98	16.98	18.00
		50	0	17.19	17.29	17.15	18.00
		50	25	17.21	17.26	17.18	18.00
		50	50	17.22	17.23	17.18	18.00
		100	0	17.17	17.21	17.11	18.00

LTE Band 42 Eci6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	20.53	20.43	20.39	21.50
		1	13	20.26	20.57	20.42	21.50
		1	24	20.35	20.39	20.40	21.50
		12	0	20.54	20.34	20.40	21.50
		12	6	20.47	20.28	20.26	21.50
		12	13	20.47	20.41	20.54	21.50
		25	0	20.46	20.48	20.35	21.50
	16QAM	1	0	20.40	20.31	20.47	21.50
		1	13	20.46	20.60	20.28	21.50
		1	24	20.53	20.43	20.40	21.50
		12	0	20.46	20.47	20.45	21.00
		12	6	20.47	20.23	20.23	21.00
		12	13	20.39	20.11	20.12	21.00
		25	0	20.42	20.32	20.23	21.00
	64QAM	1	0	20.06	20.05	20.35	21.00
		1	13	20.02	19.84	20.62	21.00
		1	24	20.08	19.48	20.42	21.00
		12	0	19.55	19.42	19.79	20.00
		12	6	19.41	19.68	19.99	20.00
		12	13	19.44	19.53	19.91	20.00
		25	0	19.50	19.51	19.88	20.00
	256QAM	1	0	16.98	17.07	17.37	18.00
		1	13	17.20	17.18	17.49	18.00
		1	24	17.19	17.37	17.55	18.00
		12	0	17.38	17.28	17.65	18.00
		12	6	17.25	17.54	17.80	18.00



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Bandwidth	Modulation	RB size	RB offset	12	13	17.30	17.49	17.72	18.00
				25	0	17.31	17.38	17.60	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				42140	42590	43040			
10MHz	QPSK	1	0	20.55	20.36	20.35	21.50		
		1	25	20.39	20.65	20.41	21.50		
		1	49	20.42	20.38	20.50	21.50		
		25	0	20.52	20.37	20.50	21.50		
		25	13	20.35	20.37	20.24	21.50		
		25	25	20.59	20.25	20.47	21.50		
		50	0	20.54	20.38	20.41	21.50		
	16QAM	1	0	20.49	20.41	20.31	21.50		
		1	25	20.46	20.59	20.29	21.50		
		1	49	20.57	20.53	20.26	21.50		
		25	0	20.45	20.43	20.48	21.00		
		25	13	20.52	20.22	20.23	21.00		
		25	25	20.40	20.07	20.21	21.00		
		50	0	20.52	20.33	20.41	21.00		
	64QAM	1	0	20.10	20.04	20.36	21.00		
		1	25	20.18	19.87	20.55	21.00		
		1	49	20.08	19.51	20.34	21.00		
		25	0	19.44	19.55	19.91	20.00		
		25	13	19.40	19.57	19.85	20.00		
		25	25	19.40	19.70	20.00	20.00		
		50	0	19.42	19.58	19.84	20.00		
	256QAM	1	0	17.05	17.05	17.24	18.00		
		1	25	17.06	17.30	17.60	18.00		
		1	49	17.19	17.46	17.59	18.00		
		25	0	17.34	17.44	17.54	18.00		
		25	13	17.28	17.45	17.67	18.00		
		25	25	17.37	17.53	17.76	18.00		
		50	0	17.26	17.48	17.62	18.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				42165	42590	43015			
15MHz	QPSK	1	0	20.47	20.39	20.44	21.50		
		1	38	20.27	20.56	20.37	21.50		
		1	74	20.36	20.55	20.50	21.50		
		36	0	20.59	20.35	20.53	21.50		
		36	18	20.40	20.30	20.22	21.50		



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		36	39	20.50	20.39	20.51	21.50	
		75	0	20.47	20.36	20.45	21.50	
	16QAM	1	0	20.50	20.36	20.42	21.50	
		1	38	20.51	20.50	20.43	21.50	
		1	74	20.66	20.50	20.31	21.50	
		36	0	20.51	20.47	20.36	21.00	
		36	18	20.46	20.25	20.22	21.00	
		36	39	20.29	20.20	20.13	21.00	
		75	0	20.39	20.34	20.23	21.00	
		64QAM	1	0	20.00	19.88	20.34	21.00
	1		38	20.03	19.76	20.47	21.00	
	1		74	20.15	19.50	20.33	21.00	
	36		0	19.50	19.59	19.88	20.00	
	36		18	19.52	19.56	19.85	20.00	
	36		39	19.50	19.53	19.87	20.00	
	75		0	19.44	19.60	19.92	20.00	
	256QAM	1	0	17.02	17.11	17.25	18.00	
		1	38	17.09	17.24	17.56	18.00	
		1	74	17.15	17.46	17.65	18.00	
		36	0	17.36	17.32	17.69	18.00	
		36	18	17.22	17.46	17.69	18.00	
		36	39	17.24	17.46	17.77	18.00	
		75	0	17.17	17.37	17.60	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					42190	42590	42990	
	20MHz	QPSK	1	0	20.62	20.71	20.51	21.50
			1	50	20.43	20.70	20.58	21.50
			1	99	20.67	20.60	20.54	21.50
50			0	20.52	20.55	20.31	21.50	
50			25	20.43	20.36	20.42	21.50	
50			50	20.54	20.33	20.32	21.50	
100			0	20.50	20.46	20.39	21.50	
16QAM		1	0	20.49	20.36	20.40	21.50	
		1	50	20.47	20.56	20.36	21.50	
		1	99	20.59	20.52	20.35	21.50	
		50	0	20.49	20.53	20.40	21.00	
		50	25	20.49	20.24	20.19	21.00	
		50	50	20.35	20.14	20.22	21.00	
		100	0	20.48	20.34	20.33	21.00	



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64QAM	1	0	20.03	19.98	20.37	21.00	
	1	50	20.12	19.82	20.56	21.00	
	1	99	20.13	19.54	20.38	21.00	
	50	0	19.48	19.52	19.84	20.00	
	50	25	19.47	19.64	19.91	20.00	
	50	50	19.46	19.62	19.94	20.00	
	100	0	19.44	19.59	19.84	20.00	
	256QAM	1	0	17.06	17.11	17.32	18.00
		1	50	17.12	17.25	17.52	18.00
		1	99	17.12	17.40	17.61	18.00
		50	0	17.30	17.38	17.64	18.00
		50	25	17.31	17.48	17.72	18.00
		50	50	17.29	17.52	17.79	18.00
		100	0	17.25	17.43	17.67	18.00

LTE Band 42 Eci7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42115	42590	43065	
5MHz	QPSK	1	0	19.74	19.70	20.04	21.00
		1	13	19.72	19.67	20.01	21.00
		1	24	19.83	19.64	20.02	21.00
		12	0	19.90	19.79	20.04	21.00
		12	6	19.91	19.67	20.09	21.00
		12	13	19.70	19.69	19.98	21.00
		25	0	19.77	19.65	20.00	21.00
	16QAM	1	0	19.78	19.84	19.98	21.00
		1	13	19.81	19.92	19.62	21.00
		1	24	19.90	19.80	20.11	21.00
		12	0	19.92	19.87	20.04	21.00
		12	6	19.75	19.74	20.11	21.00
		12	13	19.77	19.81	20.09	21.00
		25	0	19.78	19.91	20.15	21.00
	64QAM	1	0	19.59	19.48	19.65	21.00
		1	13	19.48	19.52	19.68	21.00
		1	24	19.65	19.75	20.14	21.00
		12	0	19.23	19.19	19.56	20.00
		12	6	19.23	19.31	19.52	20.00
		12	13	19.39	19.15	19.55	20.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				42140	42590	43040		
10MHz	256QAM	25	0	19.22	19.15	19.40	20.00	
		1	0	17.19	17.17	17.45	18.00	
		1	13	17.12	17.21	17.46	18.00	
		1	24	17.15	17.06	17.44	18.00	
		12	0	17.35	17.18	17.46	18.00	
		12	6	17.42	17.28	17.68	18.00	
		12	13	17.41	17.24	17.64	18.00	
		25	0	17.24	17.27	17.52	18.00	
	10MHz	QPSK	1	0	19.94	19.77	20.06	21.00
			1	25	19.90	19.70	20.02	21.00
			1	49	19.82	19.74	20.06	21.00
			25	0	19.85	19.70	20.01	21.00
			25	13	19.94	19.70	20.07	21.00
			25	25	19.70	19.75	19.98	21.00
			50	0	19.90	19.68	20.00	21.00
		16QAM	1	0	19.90	19.79	20.02	21.00
			1	25	19.93	19.93	19.63	21.00
			1	49	19.89	19.78	20.12	21.00
			25	0	19.74	19.75	20.15	21.00
			25	13	19.91	19.77	20.15	21.00
			25	25	19.78	19.76	20.20	21.00
			50	0	19.90	19.84	20.17	21.00
		64QAM	1	0	19.46	19.47	19.77	21.00
			1	25	19.55	19.42	19.78	21.00
			1	49	19.46	19.73	20.13	21.00
			25	0	19.37	19.16	19.43	20.00
			25	13	19.30	19.16	19.64	20.00
			25	25	19.32	19.31	19.56	20.00
50			0	19.27	19.22	19.52	20.00	
256QAM		1	0	17.16	17.19	17.41	18.00	
		1	25	17.10	17.12	17.43	18.00	
		1	49	17.07	17.18	17.27	18.00	
		25	0	17.30	17.25	17.47	18.00	
		25	13	17.24	17.33	17.49	18.00	
		25	25	17.33	17.24	17.46	18.00	
		50	0	17.14	17.30	17.59	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	



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Bandwidth	Modulation	RB size	RB offset	42165	42590	43015	Tune up
				42190	42590	42990	
15MHz	QPSK	1	0	19.88	19.80	20.04	21.00
		1	38	19.71	19.70	19.96	21.00
		1	74	19.79	19.62	20.04	21.00
		36	0	19.82	19.65	20.18	21.00
		36	18	19.79	19.85	20.18	21.00
		36	39	19.66	19.86	19.95	21.00
		75	0	19.97	19.65	20.07	21.00
	16QAM	1	0	19.92	19.77	19.88	21.00
		1	38	19.87	19.89	19.57	21.00
		1	74	20.01	19.83	20.05	21.00
		36	0	19.82	19.77	20.17	21.00
		36	18	19.77	19.84	20.07	21.00
		36	39	19.85	19.91	20.07	21.00
		75	0	19.86	19.90	20.16	21.00
	64QAM	1	0	19.53	19.52	19.79	21.00
		1	38	19.45	19.40	19.81	21.00
		1	74	19.53	19.82	20.09	21.00
		36	0	19.38	19.32	19.49	20.00
		36	18	19.31	19.32	19.50	20.00
		36	39	19.32	19.19	19.58	20.00
		75	0	19.38	19.15	19.39	20.00
	256QAM	1	0	17.00	17.09	17.31	18.00
		1	38	17.21	17.03	17.38	18.00
		1	74	17.21	17.16	17.41	18.00
36		0	17.35	17.26	17.52	18.00	
36		18	17.40	17.19	17.60	18.00	
36		39	17.38	17.30	17.53	18.00	
75		0	17.26	17.29	17.62	18.00	
20MHz	QPSK	1	0	19.84	19.93	19.84	21.00
		1	50	19.81	19.63	19.80	21.00
		1	99	19.89	19.70	19.91	21.00
		50	0	19.86	19.91	19.88	21.00
		50	25	19.86	19.76	19.81	21.00
		50	50	19.73	19.76	19.85	21.00
		100	0	19.87	19.74	20.07	21.00
	16QAM	1	0	19.88	19.87	19.97	21.00



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		1	50	19.90	19.84	19.54	21.00
		1	99	19.95	19.86	20.11	21.00
		50	0	19.83	19.80	20.10	21.00
		50	25	19.81	19.80	20.14	21.00
		50	50	19.76	19.81	20.11	21.00
		100	0	19.84	19.81	20.11	21.00
	64QAM	1	0	19.51	19.52	19.73	21.00
		1	50	19.50	19.47	19.76	21.00
		1	99	19.56	19.79	20.05	21.00
		50	0	19.30	19.23	19.48	20.00
		50	25	19.32	19.25	19.55	20.00
		50	50	19.29	19.21	19.53	20.00
256QAM	100	0	19.28	19.23	19.48	20.00	
	1	0	17.10	17.12	17.37	18.00	
	1	50	17.13	17.11	17.38	18.00	
	1	99	17.17	17.10	17.36	18.00	
	50	0	17.36	17.24	17.56	18.00	
	50	25	17.33	17.29	17.59	18.00	
	50	50	17.32	17.30	17.56	18.00	
	100	0	17.22	17.24	17.52	18.00	



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## 7 Conducted Power of Main Antenna (Ant9)

### 7.1 Conducted Power of GSM

GSM 1900 Eci2/3/4/6										
		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	29.29	29.07	28.93	30.00	-9.19	20.10	19.88	19.74	20.81
GPRS (GMSK)	1 TX Slot	29.21	29.15	28.90	30.00	-9.19	20.02	19.96	19.71	20.81
	2 TX Slots	26.07	26.11	26.01	27.00	-6.18	19.89	19.93	19.83	20.82
	3 TX Slots	24.41	24.36	24.31	25.00	-4.42	19.99	19.94	19.89	20.58
	4 TX Slots	23.17	23.22	23.11	24.00	-3.17	20.00	20.05	19.94	20.83
EGPRS (GMSK)	1 TX Slot	29.14	29.09	28.95	30.00	-9.19	19.95	19.90	19.76	20.81
	2 TX Slots	26.05	26.14	26.04	27.00	-6.18	19.87	19.96	19.86	20.82
	3 TX Slots	24.41	24.37	24.35	25.00	-4.42	19.99	19.95	19.93	20.58
	4 TX Slots	23.23	23.16	23.09	24.00	-3.17	20.06	19.99	19.92	20.83
EGPRS (8PSK)	1 TX Slot	25.84	25.76	25.68	27.00	-9.19	16.65	16.57	16.49	17.81
	2 TX Slots	24.52	24.55	24.47	25.50	-6.18	18.34	18.37	18.29	19.32
	3 TX Slots	21.66	21.73	21.62	22.50	-4.42	17.24	17.31	17.20	18.08
	4 TX Slots	20.17	20.07	19.92	21.00	-3.17	17.00	16.90	16.75	17.83

GSM 1900 Eci7										
		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	24.46	24.65	24.52	25.50	-9.19	15.27	15.46	15.33	16.31
GPRS (GMSK)	1 TX Slot	24.46	24.66	24.49	25.50	-9.19	15.27	15.47	15.30	16.31
	2 TX Slots	21.65	21.61	21.43	22.50	-6.18	15.47	15.43	15.25	16.32
	3 TX Slots	20.00	19.92	19.71	20.50	-4.42	15.58	15.50	15.29	16.08
	4 TX Slots	18.78	18.81	18.47	19.50	-3.17	15.61	15.64	15.30	16.33
EGPRS (GMSK)	1 TX Slot	24.44	24.67	24.50	25.50	-9.19	15.25	15.48	15.31	16.31
	2 TX Slots	21.66	21.59	21.47	22.50	-6.18	15.48	15.41	15.29	16.32
	3 TX Slots	20.07	19.92	19.75	20.50	-4.42	15.65	15.50	15.33	16.08
	4 TX Slots	18.88	18.74	18.45	19.50	-3.17	15.71	15.57	15.28	16.33
EGPRS (8PSK)	1 TX Slot	24.42	24.34	24.27	25.50	-9.19	15.23	15.15	15.08	16.31
	2 TX Slots	21.11	20.99	20.86	22.00	-6.18	14.93	14.81	14.68	15.82
	3 TX Slots	19.16	18.75	18.57	19.50	-4.42	14.74	14.33	14.15	15.08
	4 TX Slots	17.03	16.89	16.78	18.00	-3.17	13.86	13.72	13.61	14.83



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**7.2 Conducted Power of WCDMA**

WCDMA Band II Eci4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.78	22.85	22.94	24.00
	12.2kbps AMR	22.75	22.81	22.9	24.00
HSDPA	Subtest 1	21.80	21.89	21.99	23.50
	Subtest 2	21.82	21.91	22.04	23.50
	Subtest 3	21.40	21.51	21.56	23.00
	Subtest 4	21.36	21.43	21.55	23.00
HSUPA	Subtest 1	20.38	19.94	20.02	21.00
	Subtest 2	19.86	19.94	20.02	21.00
	Subtest 3	20.90	20.96	21.05	21.50
	Subtest 4	19.39	19.46	19.54	20.50
DC-HSDPA	Subtest 1	21.79	21.97	22.08	23.50
	Subtest 2	21.83	21.96	22.02	23.50
	Subtest 3	21.49	21.50	21.47	23.00
	Subtest 4	21.40	21.48	21.62	23.00
HSPA+	16QAM	19.62	19.56	19.54	21.00

WCDMA Band II Eci2/3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.85	19.95	19.93	21.00
	12.2kbps AMR	19.83	19.9	19.88	21.00
HSDPA	Subtest 1	18.74	18.80	19.08	20.50
	Subtest 2	18.88	18.97	18.99	20.50
	Subtest 3	18.35	18.41	18.57	20.00
	Subtest 4	18.34	18.34	18.56	20.00
HSUPA	Subtest 1	17.31	17.03	17.06	18.00
	Subtest 2	16.85	17.01	17.06	18.00
	Subtest 3	17.95	17.87	18.01	18.50
	Subtest 4	16.31	16.54	16.44	17.50
DC-HSDPA	Subtest 1	17.79	17.98	18.04	18.50
	Subtest 1	18.88	19.06	19.00	20.50
	Subtest 2	18.83	18.86	18.99	20.50
	Subtest 3	18.56	18.45	18.53	20.00
HSPA+	Subtest 4	18.46	18.47	18.55	20.00
	16QAM	16.53	16.41	16.55	18.00



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WCDMA Band II Eci7					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.57	15.66	15.74	16.50
	12.2kbps AMR	15.67	15.7	15.83	16.50
HSDPA	Subtest 1	14.39	14.36	14.54	16.00
	Subtest 2	14.23	14.51	14.58	16.00
	Subtest 3	13.84	14.00	13.96	15.50
	Subtest 4	13.89	13.98	14.08	15.50
HSUPA	Subtest 1	12.88	12.46	12.59	13.50
	Subtest 2	12.44	12.52	12.51	13.50
	Subtest 3	13.34	13.47	13.64	14.00
	Subtest 4	11.84	11.90	12.13	13.00
	Subtest 5	13.45	13.45	13.64	14.00
DC-HSDPA	Subtest 1	14.24	14.45	14.66	16.00
	Subtest 2	14.30	14.48	14.62	16.00
	Subtest 3	13.93	14.10	13.92	15.50
	Subtest 4	13.95	13.95	14.08	15.50
HSPA+	16QAM	12.07	12.02	12.15	13.50

WCDMA Band II Eci6					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.35	19.46	19.68	20.50
	12.2kbps AMR	19.4	19.54	19.6	20.50
HSDPA	Subtest 1	18.23	18.46	18.49	20.00
	Subtest 2	18.28	18.45	18.50	20.00
	Subtest 3	17.97	18.03	18.12	19.50
	Subtest 4	17.76	17.99	17.97	19.50
HSUPA	Subtest 1	16.91	16.51	16.44	17.50
	Subtest 2	16.27	16.43	16.56	17.50
	Subtest 3	17.42	17.50	17.45	18.00
	Subtest 4	15.80	15.94	15.97	17.00
	Subtest 5	17.33	17.46	17.45	18.00
DC-HSDPA	Subtest 1	18.38	18.55	18.53	20.00
	Subtest 2	18.23	18.47	18.45	20.00
	Subtest 3	18.04	17.93	17.96	19.50
	Subtest 4	17.93	17.97	18.21	19.50
HSPA+	16QAM	15.96	16.07	15.99	17.50



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WCDMA Band IV Eci2/3/4/6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.82	22.64	22.65	24.00
	12.2kbps AMR	22.79	22.6	22.61	24.00
HSDPA	Subtest 1	21.87	21.83	21.80	23.50
	Subtest 2	21.86	21.87	21.79	23.50
	Subtest 3	21.41	21.42	21.35	23.00
	Subtest 4	21.41	21.39	21.30	23.00
HSUPA	Subtest 1	19.89	20.32	20.32	21.00
	Subtest 2	19.88	19.81	19.82	21.00
	Subtest 3	20.90	20.87	20.83	21.50
	Subtest 4	19.37	19.34	19.34	20.50
	Subtest 5	20.88	20.85	20.81	21.50
DC-HSDPA	Subtest 1	21.88	21.84	21.85	23.50
	Subtest 2	21.90	21.93	21.80	23.50
	Subtest 3	21.33	21.36	21.30	23.00
	Subtest 4	21.36	21.42	21.20	23.00
HSPA+	16QAM	19.46	19.47	19.54	21.00

WCDMA Band IV Eci2/3/4/6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.82	22.64	22.65	24.00
	12.2kbps AMR	22.79	22.6	22.61	24.00
HSDPA	Subtest 1	21.87	21.83	21.80	23.50
	Subtest 2	21.86	21.87	21.79	23.50
	Subtest 3	21.41	21.42	21.35	23.00
	Subtest 4	21.41	21.39	21.30	23.00
HSUPA	Subtest 1	19.89	20.32	20.32	21.00
	Subtest 2	19.88	19.81	19.82	21.00
	Subtest 3	20.90	20.87	20.83	21.50
	Subtest 4	19.37	19.34	19.34	20.50
	Subtest 5	20.88	20.85	20.81	21.50
DC-HSDPA	Subtest 1	21.88	21.84	21.85	23.50
	Subtest 2	21.90	21.93	21.80	23.50
	Subtest 3	21.33	21.36	21.30	23.00
	Subtest 4	21.36	21.42	21.20	23.00
HSPA+	16QAM	19.46	19.47	19.54	21.00



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**7.3 Conducted Power of LTE**

LTE Band 2 Eci4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.64	22.51	22.25	23.50
		1	2	22.39	22.48	22.16	23.50
		1	5	22.70	22.45	22.42	23.50
		3	0	22.25	22.43	22.24	23.50
		3	2	22.42	22.45	22.39	23.50
		3	3	22.53	22.43	22.52	23.50
		6	0	21.36	21.51	21.52	22.50
	16QAM	1	0	21.57	21.58	21.55	22.50
		1	2	21.43	21.67	21.49	22.50
		1	5	21.95	21.53	21.88	22.50
		3	0	21.31	21.54	21.44	22.50
		3	2	21.32	21.39	21.22	22.50
		3	3	21.50	21.53	21.39	22.50
		6	0	20.39	20.53	20.36	21.50
	64QAM	1	0	20.50	20.37	20.27	21.50
		1	2	20.44	20.51	20.37	21.50
		1	5	20.67	20.20	20.69	21.50
		3	0	20.29	20.40	20.33	21.50
		3	2	20.38	20.32	20.42	21.50
		3	3	20.39	20.51	20.34	21.50
		6	0	19.39	19.48	19.46	20.50
	256QAM	1	0	17.46	17.46	17.38	18.50
		1	2	17.52	17.35	17.25	18.50
		1	5	17.63	17.56	17.46	18.50
		3	0	17.19	17.38	17.25	18.50
		3	2	17.36	17.30	17.14	18.50
		3	3	17.37	17.20	17.44	18.50
		6	0	17.62	17.57	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.59	22.32	22.15	23.50
		1	7	22.53	22.34	22.23	23.50
		1	14	22.51	22.37	22.51	23.50



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		8	0	21.33	21.47	21.32	22.50	
		8	4	21.36	21.54	21.30	22.50	
		8	7	21.55	21.45	21.40	22.50	
		15	0	21.46	21.54	21.46	22.50	
	16QAM	1	0	21.60	21.63	21.58	22.50	
		1	7	21.50	21.51	21.38	22.50	
		1	14	21.95	21.47	21.81	22.50	
		8	0	20.38	20.40	20.32	21.50	
		8	4	20.50	20.32	20.29	21.50	
		8	7	20.44	20.36	20.38	21.50	
	64QAM	15	0	20.36	20.35	20.33	21.50	
		1	0	20.61	20.22	20.39	21.50	
		1	7	20.50	20.39	20.27	21.50	
		1	14	20.69	20.23	20.52	21.50	
		8	0	19.22	19.47	19.32	20.50	
		8	4	19.35	19.45	19.42	20.50	
	256QAM	8	7	19.31	19.44	19.36	20.50	
		15	0	19.44	19.41	19.31	20.50	
		1	0	17.46	17.66	17.33	18.50	
		1	7	17.49	17.46	17.39	18.50	
		1	14	17.67	17.44	17.34	18.50	
		8	0	17.31	17.38	17.27	18.50	
	5MHz	QPSK	8	4	17.46	17.43	17.11	18.50
			8	7	17.55	17.18	17.50	18.50
15			0	17.65	17.52	17.30	18.50	
1			0	22.58	22.39	22.27	23.50	
1			13	22.40	22.49	22.30	23.50	
1			24	22.57	22.53	22.50	23.50	
16QAM		12	0	21.19	21.38	21.32	22.50	
		12	6	21.37	21.53	21.45	22.50	
	12	13	21.45	21.47	21.36	22.50		
	25	0	21.44	21.56	21.36	22.50		
	1	0	21.60	21.48	21.46	22.50		
	1	13	21.46	21.59	21.57	22.50		
	1	24	21.95	21.48	21.79	22.50		
	12	0	20.30	20.49	20.36	21.50		
		12	6	20.35	20.32	20.35	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up	



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	64QAM	12	13	20.43	20.44	20.34	21.50
		25	0	20.52	20.41	20.35	21.50
		1	0	20.54	20.26	20.32	21.50
		1	13	20.59	20.50	20.36	21.50
		1	24	20.54	20.21	20.69	21.50
		12	0	19.35	19.38	19.41	20.50
		12	6	19.42	19.33	19.42	20.50
		12	13	19.50	19.47	19.34	20.50
	256QAM	25	0	19.34	19.50	19.39	20.50
		1	0	17.48	17.54	17.27	18.50
		1	13	17.58	17.37	17.35	18.50
		1	24	17.69	17.41	17.49	18.50
		12	0	17.28	17.44	17.41	18.50
		12	6	17.42	17.46	17.28	18.50
		12	13	17.48	17.27	17.50	18.50
		25	0	17.74	17.47	17.46	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.72	22.50	22.30	23.50
		1	25	22.57	22.51	22.24	23.50
		1	49	22.59	22.35	22.58	23.50
		25	0	21.35	21.40	21.20	22.50
		25	13	21.37	21.49	21.29	22.50
		25	25	21.54	21.57	21.39	22.50
		50	0	21.36	21.44	21.54	22.50
	16QAM	1	0	21.58	21.51	21.59	22.50
		1	25	21.51	21.68	21.56	22.50
		1	49	21.95	21.48	21.90	22.50
		25	0	20.19	20.45	20.38	21.50
		25	13	20.33	20.45	20.29	21.50
		25	25	20.46	20.54	20.34	21.50
		50	0	20.51	20.39	20.34	21.50
	64QAM	1	0	20.46	20.24	20.41	21.50
		1	25	20.42	20.47	20.26	21.50
		1	49	20.63	20.22	20.70	21.50
		25	0	19.29	19.47	19.45	20.50
		25	13	19.30	19.34	19.48	20.50
		25	25	19.33	19.44	19.51	20.50
		50	0	19.31	19.42	19.35	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	256QAM	1	0	17.54	17.58	17.36	18.50
		1	25	17.42	17.46	17.43	18.50
		1	49	17.67	17.46	17.39	18.50
		25	0	17.27	17.48	17.30	18.50
		25	13	17.49	17.32	17.17	18.50
		25	25	17.47	17.27	17.43	18.50
		50	0	17.73	17.54	17.30	18.50
15MHz	QPSK	1	0	22.58	22.49	22.19	23.50
		1	38	22.49	22.52	22.31	23.50
		1	74	22.65	22.51	22.47	23.50
		36	0	21.37	21.48	21.32	22.50
		36	18	21.52	21.53	21.33	22.50
		36	39	21.52	21.57	21.47	22.50
		75	0	21.40	21.54	21.42	22.50
	16QAM	1	0	21.50	21.50	21.46	22.50
		1	38	21.38	21.68	21.57	22.50
		1	74	21.80	21.57	21.89	22.50
		36	0	20.29	20.39	20.43	21.50
		36	18	20.41	20.35	20.38	21.50
		36	39	20.39	20.36	20.40	21.50
		75	0	20.52	20.36	20.27	21.50
	64QAM	1	0	20.47	20.21	20.39	21.50
		1	38	20.58	20.39	20.32	21.50
		1	74	20.67	20.34	20.71	21.50
		36	0	19.36	19.43	19.28	20.50
		36	18	19.37	19.43	19.29	20.50
		36	39	19.39	19.45	19.52	20.50
		75	0	19.31	19.51	19.30	20.50
	256QAM	1	0	17.50	17.56	17.37	18.50
		1	38	17.52	17.34	17.33	18.50
		1	74	17.72	17.48	17.49	18.50
		36	0	17.30	17.34	17.28	18.50
		36	18	17.51	17.36	17.27	18.50
		36	39	17.57	17.26	17.40	18.50
		75	0	17.70	17.45	17.40	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	



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20MHz	QPSK	1	0	22.66	22.42	22.20	23.50
		1	50	22.48	22.43	22.26	23.50
		1	99	22.61	22.45	22.48	23.50
		50	0	21.27	21.45	21.30	22.50
		50	25	21.42	21.47	21.39	22.50
		50	50	21.49	21.47	21.43	22.50
		100	0	21.41	21.49	21.44	22.50
	16QAM	1	0	21.55	21.58	21.49	22.50
		1	50	21.48	21.58	21.47	22.50
		1	99	21.88	21.47	21.88	22.50
		50	0	20.28	20.46	20.34	21.50
		50	25	20.40	20.42	20.31	21.50
		50	50	20.46	20.45	20.44	21.50
		100	0	20.43	20.43	20.27	21.50
	64QAM	1	0	20.52	20.31	20.35	21.50
		1	50	20.51	20.44	20.31	21.50
		1	99	20.59	20.29	20.62	21.50
		50	0	19.30	19.48	19.35	20.50
		50	25	19.33	19.41	19.38	20.50
		50	50	19.41	19.48	19.44	20.50
		100	0	19.40	19.49	19.36	20.50
	256QAM	1	0	17.50	17.56	17.34	18.50
		1	50	17.51	17.44	17.35	18.50
		1	99	17.72	17.49	17.41	18.50
50		0	17.28	17.39	17.31	18.50	
50		25	17.42	17.37	17.19	18.50	
50		50	17.47	17.27	17.40	18.50	
100		0	17.70	17.50	17.39	18.50	

LTE Band 2 Eci2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.62	18.84	18.54	20.00
		1	2	18.57	18.71	18.72	20.00
		1	5	18.80	18.73	18.90	20.00
		3	0	18.74	18.75	18.63	20.00
		3	2	18.78	18.91	18.76	20.00
		3	3	18.87	18.80	18.86	20.00



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		6	0	18.82	18.82	18.81	20.00
	16QAM	1	0	18.77	18.77	18.66	20.00
		1	2	18.71	18.89	18.63	20.00
		1	5	18.76	18.74	18.55	20.00
		3	0	18.60	18.80	18.61	20.00
		3	2	18.85	18.85	18.76	20.00
		3	3	18.84	18.82	18.89	20.00
		6	0	18.75	18.68	18.71	20.00
	64QAM	1	0	18.77	18.58	18.56	20.00
		1	2	18.74	18.74	18.55	20.00
		1	5	18.80	18.89	18.83	20.00
		3	0	18.59	18.81	18.69	20.00
		3	2	18.78	18.81	18.59	20.00
		3	3	18.76	18.59	18.77	20.00
		6	0	18.78	18.77	18.77	20.00
	256QAM	1	0	17.30	17.31	17.14	18.50
		1	2	17.24	17.30	17.36	18.50
		1	5	17.36	17.30	17.61	18.50
		3	0	17.16	17.36	17.09	18.50
		3	2	17.24	17.33	17.28	18.50
		3	3	17.37	17.16	17.26	18.50
		6	0	17.23	17.18	17.19	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.65	18.87	18.58	20.00
		1	7	18.62	18.68	18.74	20.00
		1	14	18.74	18.78	18.98	20.00
		8	0	18.71	18.78	18.75	20.00
		8	4	18.85	18.83	18.73	20.00
		8	7	18.79	18.72	18.87	20.00
		15	0	18.82	18.83	18.72	20.00
	16QAM	1	0	18.80	18.73	18.63	20.00
		1	7	18.66	18.91	18.54	20.00
		1	14	18.74	18.65	18.50	20.00
		8	0	18.65	18.75	18.61	20.00
		8	4	18.78	18.82	18.76	20.00
		8	7	18.79	18.73	18.83	20.00
		15	0	18.76	18.80	18.74	20.00
	64QAM	1	0	18.80	18.57	18.53	20.00



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		1	7	18.74	18.68	18.52	20.00		
		1	14	18.82	18.89	18.91	20.00		
		8	0	18.64	18.86	18.61	20.00		
		8	4	18.86	18.84	18.64	20.00		
		8	7	18.87	18.57	18.65	20.00		
		15	0	18.75	18.84	18.78	20.00		
		256QAM	1	0	17.22	17.39	17.08	18.50	
			1	7	17.24	17.29	17.42	18.50	
			1	14	17.39	17.27	17.62	18.50	
			8	0	17.21	17.33	17.20	18.50	
			8	4	17.26	17.35	17.20	18.50	
			8	7	17.27	17.25	17.37	18.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						18625	18900	19175	
		5MHz	QPSK	1	0	18.62	18.81	18.51	20.00
1	13			18.60	18.76	18.73	20.00		
1	24			18.83	18.77	18.99	20.00		
12	0			18.64	18.77	18.72	20.00		
12	6			18.85	18.90	18.75	20.00		
12	13			18.82	18.81	18.83	20.00		
25	0			18.79	18.77	18.74	20.00		
16QAM	1		0	18.74	18.67	18.65	20.00		
	1		13	18.66	18.94	18.61	20.00		
	1		24	18.80	18.64	18.52	20.00		
	12		0	18.60	18.84	18.73	20.00		
	12		6	18.84	18.82	18.81	20.00		
	12		13	18.86	18.72	18.77	20.00		
	25		0	18.75	18.76	18.73	20.00		
64QAM	1		0	18.87	18.58	18.54	20.00		
	1		13	18.83	18.77	18.63	20.00		
	1		24	18.90	18.83	18.85	20.00		
	12		0	18.58	18.85	18.69	20.00		
	12		6	18.84	18.75	18.58	20.00		
	12		13	18.88	18.53	18.66	20.00		
	25		0	18.79	18.73	18.77	20.00		
256QAM	1		0	17.25	17.40	17.08	18.50		
	1		13	17.23	17.26	17.33	18.50		
	1		24	17.33	17.18	17.54	18.50		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	12	0	17.22	17.27	17.09	18.50	
		12	6	17.31	17.34	17.19	18.50	
		12	13	17.33	17.27	17.29	18.50	
		25	0	17.21	17.25	17.15	18.50	
	16QAM	QPSK	1	0	18.58	18.84	18.55	20.00
			1	25	18.62	18.79	18.69	20.00
			1	49	18.75	18.79	18.99	20.00
			25	0	18.67	18.75	18.72	20.00
			25	13	18.82	18.91	18.82	20.00
			25	25	18.80	18.74	18.84	20.00
		16QAM	1	0	18.78	18.77	18.55	20.00
			1	25	18.70	18.94	18.55	20.00
			1	49	18.72	18.76	18.51	20.00
			25	0	18.69	18.77	18.72	20.00
			25	13	18.86	18.81	18.72	20.00
			25	25	18.89	18.73	18.78	20.00
	64QAM	50	0	18.70	18.71	18.75	20.00	
		64QAM	1	0	18.82	18.60	18.55	20.00
			1	25	18.78	18.72	18.59	20.00
			1	49	18.87	18.82	18.85	20.00
			25	0	18.61	18.89	18.68	20.00
		25	13	18.83	18.83	18.70	20.00	
		25	25	18.80	18.60	18.71	20.00	
		50	0	18.72	18.80	18.73	20.00	
	256QAM	256QAM	1	0	17.31	17.35	17.05	18.50
			1	25	17.32	17.31	17.35	18.50
			1	49	17.41	17.24	17.53	18.50
			25	0	17.22	17.29	17.14	18.50
25			13	17.24	17.32	17.29	18.50	
25			25	17.25	17.20	17.27	18.50	
50			0	17.25	17.14	17.26	18.50	
Bandwidth			Modulation	RB size	RB offset	Channel	Channel	Channel
	18675	18900				19125		
15MHz	QPSK	1	0	18.65	18.78	18.57	20.00	
		1	38	18.58	18.70	18.78	20.00	
		1	74	18.81	18.82	18.99	20.00	



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		36	0	18.67	18.82	18.67	20.00	
		36	18	18.79	18.86	18.81	20.00	
		36	39	18.76	18.77	18.86	20.00	
		75	0	18.74	18.87	18.80	20.00	
	16QAM	1	0	18.74	18.73	18.63	20.00	
		1	38	18.59	18.92	18.55	20.00	
		1	74	18.73	18.71	18.59	20.00	
		36	0	18.63	18.77	18.70	20.00	
		36	18	18.88	18.81	18.80	20.00	
		36	39	18.90	18.73	18.80	20.00	
		75	0	18.72	18.69	18.78	20.00	
	64QAM	1	0	18.87	18.56	18.65	20.00	
		1	38	18.73	18.69	18.51	20.00	
		1	74	18.92	18.89	18.91	20.00	
		36	0	18.60	18.89	18.60	20.00	
		36	18	18.75	18.76	18.63	20.00	
		36	39	18.85	18.64	18.74	20.00	
		75	0	18.69	18.81	18.69	20.00	
	256QAM	1	0	17.20	17.30	17.11	18.50	
		1	38	17.25	17.30	17.42	18.50	
		1	74	17.38	17.26	17.57	18.50	
		36	0	17.14	17.25	17.15	18.50	
		36	18	17.28	17.26	17.29	18.50	
		36	39	17.27	17.26	17.27	18.50	
		75	0	17.29	17.19	17.23	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	QPSK			18700	18900	19100	
			1	0	18.99	18.79	18.53	20.00
1			50	18.53	18.69	18.70	20.00	
1			99	18.73	18.83	18.90	20.00	
50			0	18.65	18.77	18.65	20.00	
50			25	18.76	18.72	18.72	20.00	
50			50	18.83	18.81	18.78	20.00	
16QAM		100	0	18.72	18.77	18.72	20.00	
		1	0	18.75	18.69	18.57	20.00	
		1	50	18.61	18.84	18.56	20.00	
		1	99	18.74	18.66	18.52	20.00	
		50	0	18.60	18.75	18.63	20.00	
		50	25	18.78	18.78	18.72	20.00	



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		50	50	18.81	18.72	18.79	20.00
		100	0	18.70	18.70	18.70	20.00
	64QAM	1	0	18.78	18.50	18.55	20.00
		1	50	18.73	18.69	18.53	20.00
		1	99	18.82	18.81	18.81	20.00
		50	0	18.60	18.80	18.60	20.00
		50	25	18.76	18.77	18.60	20.00
		50	50	18.78	18.55	18.67	20.00
		100	0	18.70	18.75	18.68	20.00
	256QAM	1	0	17.22	17.31	17.05	18.50
		1	50	17.24	17.28	17.32	18.50
		1	99	17.34	17.20	17.55	18.50
		50	0	17.13	17.26	17.10	18.50
		50	25	17.22	17.26	17.19	18.50
50		50	17.27	17.18	17.27	18.50	
100		0	17.21	17.16	17.17	18.50	

LTE Band 2 Eci3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.13	17.34	17.25	18.50
		1	2	17.30	17.26	17.21	18.50
		1	5	17.30	17.15	17.31	18.50
		3	0	17.18	17.28	17.22	18.50
		3	2	17.23	17.30	17.24	18.50
		3	3	17.33	17.30	17.26	18.50
		6	0	17.17	17.31	17.22	18.50
	16QAM	1	0	17.24	17.32	17.12	18.50
		1	2	17.41	17.44	17.24	18.50
		1	5	17.27	17.38	17.46	18.50
		3	0	17.11	17.25	17.18	18.50
		3	2	17.26	17.30	17.30	18.50
		3	3	17.30	17.22	17.27	18.50
		6	0	17.16	17.31	17.18	18.50
	64QAM	1	0	17.24	17.26	17.12	18.50
		1	2	17.29	17.26	17.37	18.50
		1	5	17.34	17.15	17.36	18.50
		3	0	17.21	17.33	17.13	18.50



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		3	2	17.25	17.30	17.19	18.50
		3	3	17.19	17.28	17.35	18.50
		6	0	17.22	17.29	17.26	18.50
	256QAM	1	0	17.34	17.36	17.06	18.50
		1	2	17.33	17.47	17.27	18.50
		1	5	17.43	17.26	17.54	18.50
		3	0	17.15	17.31	17.08	18.50
		3	2	17.22	17.31	17.19	18.50
3	3	17.22	17.16	17.27	18.50		
6	0	17.21	17.36	17.29	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	17.20	17.28	17.21	18.50
		1	7	17.22	17.29	17.20	18.50
		1	14	17.25	17.18	17.31	18.50
		8	0	17.15	17.31	17.18	18.50
		8	4	17.26	17.29	17.32	18.50
		8	7	17.31	17.23	17.36	18.50
		15	0	17.17	17.27	17.28	18.50
	16QAM	1	0	17.27	17.30	17.15	18.50
		1	7	17.35	17.45	17.20	18.50
		1	14	17.35	17.37	17.42	18.50
		8	0	17.06	17.26	17.17	18.50
		8	4	17.36	17.22	17.28	18.50
		8	7	17.28	17.24	17.30	18.50
		15	0	17.19	17.33	17.21	18.50
	64QAM	1	0	17.26	17.33	17.08	18.50
		1	7	17.25	17.28	17.27	18.50
		1	14	17.35	17.22	17.37	18.50
		8	0	17.12	17.24	17.12	18.50
		8	4	17.23	17.25	17.31	18.50
		8	7	17.20	17.30	17.32	18.50
		15	0	17.19	17.30	17.21	18.50
	256QAM	1	0	17.32	17.29	17.16	18.50
		1	7	17.36	17.52	17.25	18.50
		1	14	17.33	17.16	17.53	18.50
		8	0	17.11	17.36	17.09	18.50
		8	4	17.21	17.32	17.26	18.50
		8	7	17.19	17.25	17.35	18.50



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Bandwidth	Modulation	RB size	RB offset	15	0	17.30	17.38	17.24	18.50
				Channel	Channel	Channel	Tune up		
				18625	18900	19175			
5MHz	QPSK	1	0	17.10	17.34	17.20	18.50		
		1	13	17.22	17.25	17.23	18.50		
		1	24	17.23	17.15	17.33	18.50		
		12	0	17.17	17.30	17.15	18.50		
		12	6	17.29	17.32	17.22	18.50		
		12	13	17.33	17.32	17.26	18.50		
		25	0	17.17	17.24	17.16	18.50		
	16QAM	1	0	17.27	17.39	17.08	18.50		
		1	13	17.45	17.37	17.18	18.50		
		1	24	17.32	17.37	17.38	18.50		
		12	0	17.07	17.14	17.23	18.50		
		12	6	17.26	17.22	17.27	18.50		
		12	13	17.35	17.19	17.28	18.50		
		25	0	17.15	17.27	17.27	18.50		
	64QAM	1	0	17.18	17.34	17.00	18.50		
		1	13	17.34	17.33	17.35	18.50		
		1	24	17.37	17.13	17.29	18.50		
		12	0	17.15	17.33	17.09	18.50		
		12	6	17.26	17.31	17.24	18.50		
		12	13	17.25	17.26	17.26	18.50		
		25	0	17.16	17.27	17.21	18.50		
	256QAM	1	0	17.36	17.30	17.16	18.50		
		1	13	17.44	17.54	17.25	18.50		
		1	24	17.42	17.21	17.48	18.50		
		12	0	17.08	17.28	17.10	18.50		
		12	6	17.31	17.27	17.19	18.50		
		12	13	17.18	17.20	17.28	18.50		
		25	0	17.29	17.39	17.29	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				18650	18900	19150			
10MHz	QPSK	1	0	17.19	17.32	17.30	18.50		
		1	25	17.23	17.25	17.22	18.50		
		1	49	17.29	17.18	17.30	18.50		
		25	0	17.15	17.33	17.18	18.50		
		25	13	17.23	17.29	17.30	18.50		
		25	25	17.33	17.32	17.38	18.50		



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		50	0	17.19	17.30	17.21	18.50
	16QAM	1	0	17.29	17.29	17.11	18.50
		1	25	17.35	17.36	17.24	18.50
		1	49	17.31	17.35	17.38	18.50
		25	0	17.13	17.14	17.21	18.50
		25	13	17.28	17.27	17.29	18.50
		25	25	17.34	17.29	17.34	18.50
		50	0	17.14	17.29	17.23	18.50
	64QAM	1	0	17.24	17.38	17.02	18.50
		1	25	17.26	17.31	17.33	18.50
		1	49	17.29	17.20	17.33	18.50
		25	0	17.17	17.36	17.14	18.50
		25	13	17.18	17.33	17.19	18.50
		25	25	17.20	17.27	17.35	18.50
		50	0	17.23	17.31	17.23	18.50
	256QAM	1	0	17.36	17.32	17.14	18.50
		1	25	17.35	17.51	17.25	18.50
		1	49	17.32	17.21	17.50	18.50
		25	0	17.10	17.35	17.12	18.50
		25	13	17.23	17.34	17.26	18.50
		25	25	17.20	17.20	17.31	18.50
		50	0	17.30	17.34	17.17	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.19	17.36	17.25	18.50
		1	38	17.31	17.30	17.25	18.50
		1	74	17.31	17.14	17.40	18.50
		36	0	17.21	17.33	17.13	18.50
		36	18	17.34	17.22	17.29	18.50
		36	39	17.29	17.28	17.37	18.50
		75	0	17.26	17.35	17.23	18.50
	16QAM	1	0	17.29	17.38	17.13	18.50
		1	38	17.46	17.35	17.24	18.50
		1	74	17.35	17.28	17.46	18.50
		36	0	17.16	17.24	17.19	18.50
		36	18	17.36	17.31	17.27	18.50
		36	39	17.25	17.25	17.37	18.50
		75	0	17.18	17.21	17.18	18.50
	64QAM	1	0	17.26	17.33	17.11	18.50



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		1	38	17.35	17.32	17.37	18.50
		1	74	17.28	17.16	17.35	18.50
		36	0	17.15	17.26	17.18	18.50
		36	18	17.25	17.34	17.19	18.50
		36	39	17.22	17.20	17.30	18.50
		75	0	17.14	17.29	17.21	18.50
		75	0	17.14	17.29	17.21	18.50
	256QAM	1	0	17.24	17.32	17.15	18.50
		1	38	17.37	17.57	17.26	18.50
		1	74	17.43	17.19	17.53	18.50
		36	0	17.08	17.29	17.10	18.50
		36	18	17.29	17.33	17.27	18.50
		36	39	17.27	17.17	17.34	18.50
		75	0	17.22	17.34	17.22	18.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 18700	<b>Channel</b> 18900	<b>Channel</b> 19100	<b>Tune up</b>
<b>20MHz</b>	QPSK	1	0	17.33	17.28	17.21	18.50
		1	50	17.23	17.24	17.17	18.50
		1	99	17.21	17.30	17.31	18.50
		50	0	17.14	17.25	17.13	18.50
		50	25	17.24	17.24	17.23	18.50
		50	50	17.29	17.26	17.28	18.50
		100	0	17.19	17.25	17.18	18.50
	16QAM	1	0	17.23	17.30	17.08	18.50
		1	50	17.36	17.36	17.19	18.50
		1	99	17.25	17.28	17.37	18.50
		50	0	17.08	17.16	17.13	18.50
		50	25	17.27	17.24	17.22	18.50
		50	50	17.25	17.19	17.27	18.50
		100	0	17.10	17.23	17.19	18.50
	64QAM	1	0	17.18	17.28	17.01	18.50
		1	50	17.25	17.23	17.27	18.50
		1	99	17.30	17.15	17.31	18.50
		50	0	17.12	17.26	17.11	18.50
		50	25	17.16	17.24	17.21	18.50
		50	50	17.17	17.22	17.25	18.50
		100	0	17.13	17.22	17.20	18.50
	256QAM	1	0	17.26	17.29	17.06	18.50
		1	50	17.35	17.48	17.24	18.50
		1	99	17.34	17.16	17.50	18.50



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		50	0	17.10	17.27	17.10	18.50
		50	25	17.22	17.26	17.21	18.50
		50	50	17.19	17.18	17.26	18.50
		100	0	17.21	17.32	17.19	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	13.98	14.13	14.12	15.00	
		1	2	13.99	14.03	13.96	15.00	
		1	5	14.06	14.07	14.12	15.00	
		3	0	13.86	13.97	13.83	15.00	
		3	2	14.06	14.10	14.03	15.00	
		3	3	14.10	14.08	14.05	15.00	
	16QAM	6	0	14.04	14.17	14.08	15.00	
		1	0	14.21	14.03	14.02	15.00	
		1	2	14.06	14.03	14.05	15.00	
		1	5	14.20	13.90	14.19	15.00	
		3	0	13.93	13.97	13.92	15.00	
		3	2	13.94	14.10	13.95	15.00	
	64QAM	3	3	14.13	14.08	14.10	15.00	
		6	0	13.99	14.06	13.92	15.00	
		1	0	13.92	14.10	13.89	15.00	
		1	2	14.06	14.13	14.14	15.00	
		1	5	14.00	13.87	14.15	15.00	
		3	0	13.83	14.11	13.90	15.00	
	256QAM	3	2	13.93	14.07	14.03	15.00	
		3	3	14.07	14.10	14.01	15.00	
		6	0	14.03	13.95	13.94	15.00	
		1	0	14.02	14.03	13.90	15.00	
		1	2	14.05	14.10	14.02	15.00	
		1	5	14.23	13.89	14.25	15.00	
			3	0	13.85	14.03	13.82	15.00
			3	2	13.95	14.13	13.91	15.00
			3	3	14.07	13.95	14.01	15.00
			6	0	14.01	14.13	13.92	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		



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3MHz	QPSK	1	0	13.97	14.16	14.13	15.00
		1	7	14.01	14.12	13.98	15.00
		1	14	14.02	13.96	14.14	15.00
		8	0	14.01	14.01	14.02	15.00
		8	4	14.14	14.16	13.95	15.00
		8	7	14.08	14.02	14.09	15.00
		15	0	13.89	14.01	14.05	15.00
	16QAM	1	0	14.03	14.03	13.86	15.00
		1	7	14.22	14.04	14.04	15.00
		1	14	14.20	14.00	14.20	15.00
		8	0	13.83	14.15	13.90	15.00
		8	4	13.98	14.14	13.95	15.00
		8	7	14.12	14.01	14.09	15.00
		15	0	14.03	14.11	14.03	15.00
	64QAM	1	0	14.05	14.16	13.98	15.00
		1	7	14.08	14.22	14.14	15.00
		1	14	14.11	14.00	14.02	15.00
		8	0	13.92	14.07	13.92	15.00
		8	4	14.09	14.01	14.06	15.00
		8	7	14.04	14.06	14.04	15.00
		15	0	14.07	14.06	13.90	15.00
256QAM	1	0	14.08	14.13	13.97	15.00	
	1	7	14.17	14.16	14.01	15.00	
	1	14	14.16	13.85	14.14	15.00	
	8	0	13.96	14.07	13.92	15.00	
	8	4	13.96	13.97	14.08	15.00	
	8	7	14.05	14.05	14.08	15.00	
	15	0	13.97	14.09	13.90	15.00	
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	13.95	14.19	14.28	15.00
		1	13	13.97	13.98	14.10	15.00
		1	24	13.95	14.12	14.15	15.00
		12	0	13.92	14.07	13.98	15.00
		12	6	14.05	14.01	14.03	15.00
		12	13	14.09	14.16	14.12	15.00
		25	0	13.92	14.03	14.08	15.00
	16QAM	1	0	14.16	14.09	13.84	15.00
		1	13	14.05	14.17	14.04	15.00



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		1	24	14.27	13.91	14.07	15.00
		12	0	13.83	14.16	13.88	15.00
		12	6	13.95	14.07	14.11	15.00
		12	13	14.16	14.06	13.95	15.00
		25	0	13.95	14.03	13.97	15.00
	64QAM	1	0	13.88	14.13	13.97	15.00
		1	13	14.20	14.14	14.11	15.00
		1	24	14.07	13.90	14.00	15.00
		12	0	13.95	14.02	13.83	15.00
		12	6	13.96	14.10	14.09	15.00
		12	13	14.11	14.02	14.02	15.00
	256QAM	25	0	14.08	13.99	13.96	15.00
		1	0	14.09	14.07	13.92	15.00
		1	13	14.11	14.21	14.00	15.00
		1	24	14.16	13.98	14.18	15.00
		12	0	13.91	14.08	14.02	15.00
		12	6	13.99	14.02	14.08	15.00
		12	13	14.05	13.92	14.12	15.00
		25	0	13.86	14.13	13.93	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	14.05	14.18	14.16	15.00
		1	25	14.11	14.02	13.97	15.00
		1	49	14.09	14.11	14.05	15.00
		25	0	13.87	14.05	14.03	15.00
		25	13	14.10	14.05	14.01	15.00
		25	25	14.01	14.09	13.96	15.00
		50	0	14.00	14.11	14.10	15.00
	16QAM	1	0	14.17	14.05	13.87	15.00
		1	25	14.17	14.22	14.20	15.00
		1	49	14.25	14.04	14.15	15.00
		25	0	13.99	14.11	13.92	15.00
		25	13	14.03	14.05	13.95	15.00
		25	25	13.99	14.03	13.99	15.00
		50	0	14.06	14.14	14.02	15.00
	64QAM	1	0	13.95	14.16	14.03	15.00
		1	25	14.06	14.26	14.06	15.00
		1	49	14.07	13.84	14.05	15.00
		25	0	13.85	14.06	14.03	15.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	256QAM	25	13	14.04	14.07	14.09	15.00	
		25	25	14.14	13.93	14.12	15.00	
		50	0	14.05	14.03	13.96	15.00	
		1	0	13.97	14.18	13.94	15.00	
		1	25	14.03	14.05	14.07	15.00	
		1	49	14.16	13.91	14.14	15.00	
		25	0	13.97	14.11	13.99	15.00	
		25	13	14.12	14.06	13.93	15.00	
	25	25	13.96	14.08	14.09	15.00		
	50	0	13.89	13.99	14.03	15.00		
	15MHz	QPSK	1	0	14.06	14.15	14.01	15.00
			1	38	14.15	14.01	14.01	15.00
			1	74	14.06	14.12	14.15	15.00
			36	0	13.96	14.13	13.83	15.00
			36	18	14.10	14.15	14.01	15.00
			36	39	13.99	14.10	13.96	15.00
			75	0	13.92	13.99	13.92	15.00
		16QAM	1	0	14.16	14.09	13.84	15.00
			1	38	14.17	14.16	14.17	15.00
			1	74	14.20	13.91	14.22	15.00
			36	0	13.95	14.10	13.88	15.00
			36	18	13.96	14.08	13.96	15.00
			36	39	13.97	14.12	14.00	15.00
			75	0	13.92	14.05	13.92	15.00
		64QAM	1	0	13.93	14.05	13.93	15.00
			1	38	14.13	14.19	14.14	15.00
			1	74	14.03	13.86	14.16	15.00
			36	0	13.90	14.18	13.85	15.00
36			18	13.98	14.09	14.12	15.00	
36			39	13.99	14.03	14.07	15.00	
75			0	14.02	13.95	13.90	15.00	
256QAM		1	0	14.12	14.05	13.88	15.00	
		1	38	14.06	14.19	13.93	15.00	
		1	74	14.12	13.97	14.08	15.00	
		36	0	14.00	14.05	13.99	15.00	
		36	18	14.03	14.05	13.91	15.00	
		36	39	14.00	13.99	14.00	15.00	



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Bandwidth	Modulation	75	0	14.00	14.13	13.96	15.00
		RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	14.13	14.09	14.11	15.00
		1	50	14.05	14.03	14.00	15.00
		1	99	13.99	14.05	14.09	15.00
		50	0	13.92	14.05	13.93	15.00
		50	25	14.05	14.06	13.97	15.00
		50	50	14.09	14.08	14.05	15.00
	16QAM	1	0	14.11	14.08	13.94	15.00
		1	50	14.15	14.12	14.10	15.00
		1	99	14.21	13.98	14.16	15.00
		50	0	13.91	14.06	13.95	15.00
		50	25	14.03	14.07	14.01	15.00
		50	50	14.06	14.02	14.04	15.00
	64QAM	100	0	13.96	14.06	13.98	15.00
		1	0	13.96	14.07	13.93	15.00
		1	50	14.12	14.18	14.05	15.00
		1	99	14.07	13.92	14.08	15.00
		50	0	13.88	14.09	13.93	15.00
		50	25	14.00	14.02	14.02	15.00
	256QAM	50	50	14.07	14.03	14.03	15.00
		100	0	13.99	14.04	14.00	15.00
		1	0	14.03	14.12	13.92	15.00
		1	50	14.10	14.14	14.00	15.00
		1	99	14.19	13.93	14.17	15.00
		50	0	13.93	14.09	13.92	15.00
	50	25	14.04	14.03	13.98	15.00	
	50	50	14.06	14.02	14.03	15.00	
	100	0	13.95	14.09	13.99	15.00	

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	22.25	22.32	22.31	23.50
		1	2	22.12	22.35	22.39	23.50
		1	5	22.33	22.21	22.42	23.50



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		3	0	22.26	22.25	22.36	23.50
		3	2	22.39	22.29	22.31	23.50
		3	3	22.20	22.36	22.53	23.50
		6	0	21.31	21.32	21.24	22.50
	16QAM	1	0	21.26	21.77	21.66	22.50
		1	2	21.12	21.65	21.58	22.50
		1	5	21.45	21.83	21.47	22.50
		3	0	21.29	21.32	21.34	22.50
		3	2	21.31	21.37	21.43	22.50
		3	3	21.28	21.28	21.17	22.50
	64QAM	6	0	20.42	20.39	20.29	21.50
		1	0	20.34	20.57	20.09	21.50
		1	2	20.29	20.31	20.00	21.50
		1	5	20.37	20.70	20.29	21.50
		3	0	20.31	20.21	20.23	21.50
		3	2	20.37	20.25	20.40	21.50
		3	3	20.42	20.49	20.33	21.50
	256QAM	6	0	19.30	19.29	19.34	20.50
		1	0	17.47	17.38	17.16	18.50
		1	2	17.36	17.29	17.28	18.50
		1	5	17.53	17.45	17.47	18.50
		3	0	17.24	17.41	17.34	18.50
		3	2	17.41	17.28	17.20	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
19965					20175	20385	
3MHz	QPSK	1	0	22.23	22.18	22.31	23.50
		1	7	22.23	22.32	22.24	23.50
		1	14	22.37	22.34	22.47	23.50
		8	0	21.31	21.35	21.29	22.50
		8	4	21.32	21.28	21.30	22.50
		8	7	21.29	21.42	21.38	22.50
		15	0	21.30	21.21	21.36	22.50
	16QAM	1	0	21.32	21.59	21.75	22.50
		1	7	21.17	21.63	21.58	22.50
		1	14	21.54	21.77	21.58	22.50
		8	0	20.33	20.25	20.32	21.50
		8	4	20.33	20.35	20.34	21.50



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		8	7	20.30	20.31	20.21	21.50
		15	0	20.43	20.26	20.30	21.50
		1	0	20.27	20.47	20.03	21.50
	64QAM	1	7	20.41	20.29	19.95	21.50
		1	14	20.51	20.71	20.22	21.50
		8	0	19.34	19.35	19.24	20.50
		8	4	19.46	19.33	19.38	20.50
		8	7	19.28	19.35	19.42	20.50
		15	0	19.33	19.22	19.35	20.50
	256QAM	1	0	17.58	17.53	17.30	18.50
		1	7	17.52	17.20	17.23	18.50
		1	14	17.38	17.50	17.45	18.50
		8	0	17.35	17.21	17.24	18.50
		8	4	17.37	17.33	17.08	18.50
		8	7	17.30	17.37	17.25	18.50
15	0	17.39	17.37	17.23	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.30	22.20	22.17	23.50
		1	13	22.24	22.26	22.25	23.50
		1	24	22.42	22.40	22.38	23.50
		12	0	21.19	21.36	21.23	22.50
		12	6	21.22	21.27	21.47	22.50
		12	13	21.34	21.43	21.47	22.50
	16QAM	25	0	21.32	21.36	21.32	22.50
		1	0	21.34	21.67	21.57	22.50
		1	13	21.11	21.56	21.74	22.50
		1	24	21.58	21.65	21.57	22.50
		12	0	20.37	20.22	20.19	21.50
		12	6	20.34	20.22	20.26	21.50
	64QAM	12	13	20.23	20.38	20.28	21.50
		25	0	20.23	20.28	20.31	21.50
		1	0	20.29	20.56	20.11	21.50
		1	13	20.43	20.35	19.93	21.50
		1	24	20.44	20.70	20.25	21.50
		12	0	19.32	19.22	19.20	20.50
		12	6	19.48	19.28	19.25	20.50
		12	13	19.46	19.44	19.47	20.50
		25	0	19.25	19.23	19.33	20.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	256QAM	1	0	17.55	17.37	17.21	18.50	
		1	13	17.43	17.19	17.21	18.50	
		1	24	17.43	17.46	17.48	18.50	
		12	0	17.22	17.35	17.21	18.50	
		12	6	17.41	17.20	17.10	18.50	
		12	13	17.19	17.49	17.32	18.50	
		25	0	17.30	17.27	17.35	18.50	
	10MHz	QPSK	1	0	22.26	22.28	22.15	23.50
			1	25	22.30	22.27	22.26	23.50
			1	49	22.43	22.22	22.51	23.50
			25	0	21.33	21.38	21.42	22.50
			25	13	21.31	21.24	21.35	22.50
			25	25	21.34	21.23	21.34	22.50
			50	0	21.40	21.33	21.35	22.50
		16QAM	1	0	21.38	21.79	21.65	22.50
			1	25	21.21	21.60	21.56	22.50
			1	49	21.47	21.73	21.56	22.50
			25	0	20.30	20.31	20.32	21.50
			25	13	20.37	20.29	20.33	21.50
			25	25	20.32	20.27	20.20	21.50
			50	0	20.25	20.36	20.40	21.50
64QAM		1	0	20.22	20.45	19.97	21.50	
		1	25	20.40	20.26	20.00	21.50	
		1	49	20.54	20.68	20.19	21.50	
		25	0	19.21	19.36	19.22	20.50	
		25	13	19.48	19.37	19.24	20.50	
		25	25	19.34	19.49	19.40	20.50	
		50	0	19.28	19.21	19.25	20.50	
256QAM	1	0	17.49	17.37	17.28	18.50		
	1	25	17.38	17.26	17.36	18.50		
	1	49	17.54	17.45	17.41	18.50		
	25	0	17.30	17.40	17.17	18.50		
	25	13	17.35	17.20	17.11	18.50		
	25	25	17.21	17.50	17.27	18.50		
	50	0	17.28	17.40	17.23	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		



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15MHz	QPSK	1	0	22.22	22.19	22.20	23.50
		1	38	22.17	22.21	22.44	23.50
		1	74	22.41	22.20	22.49	23.50
		36	0	21.30	21.34	21.28	22.50
		36	18	21.39	21.33	21.29	22.50
		36	39	21.25	21.32	21.36	22.50
		75	0	21.34	21.41	21.27	22.50
	16QAM	1	0	21.37	21.71	21.69	22.50
		1	38	21.15	21.51	21.70	22.50
		1	74	21.51	21.78	21.49	22.50
		36	0	20.42	20.20	20.28	21.50
		36	18	20.42	20.28	20.35	21.50
		36	39	20.40	20.35	20.35	21.50
		75	0	20.31	20.29	20.28	21.50
	64QAM	1	0	20.32	20.57	20.04	21.50
		1	38	20.27	20.27	20.05	21.50
		1	74	20.54	20.64	20.23	21.50
		36	0	19.27	19.33	19.22	20.50
		36	18	19.47	19.20	19.41	20.50
		36	39	19.40	19.48	19.51	20.50
		75	0	19.33	19.28	19.27	20.50
	256QAM	1	0	17.64	17.47	17.30	18.50
		1	38	17.38	17.19	17.37	18.50
		1	74	17.37	17.56	17.43	18.50
		36	0	17.21	17.21	17.17	18.50
		36	18	17.28	17.20	17.15	18.50
		36	39	17.36	17.41	17.18	18.50
		75	0	17.31	17.45	17.27	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	22.26	22.25	22.23	23.50
		1	50	22.22	22.25	22.34	23.50
		1	99	22.34	22.30	22.42	23.50
		50	0	21.25	21.33	21.33	22.50
		50	25	21.32	21.28	21.37	22.50
		50	50	21.29	21.33	21.44	22.50
		100	0	21.33	21.31	21.34	22.50
	16QAM	1	0	21.34	21.69	21.65	22.50
		1	50	21.13	21.56	21.64	22.50



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		1	99	21.53	21.75	21.55	22.50
		50	0	20.32	20.29	20.24	21.50
		50	25	20.34	20.30	20.34	21.50
		50	50	20.33	20.29	20.26	21.50
		100	0	20.33	20.31	20.31	21.50
		1	0	20.28	20.50	20.05	21.50
	64QAM	1	50	20.35	20.35	19.95	21.50
		1	99	20.44	20.61	20.27	21.50
		50	0	19.26	19.28	19.27	20.50
		50	25	19.38	19.30	19.32	20.50
		50	50	19.36	19.43	19.41	20.50
		100	0	19.31	19.30	19.31	20.50
	256QAM	1	0	17.54	17.45	17.24	18.50
		1	50	17.42	17.27	17.30	18.50
		1	99	17.47	17.49	17.51	18.50
		50	0	17.26	17.31	17.25	18.50
		50	25	17.34	17.23	17.15	18.50
		50	50	17.26	17.42	17.24	18.50
100		0	17.29	17.35	17.25	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	19.29	19.46	19.23	20.50
		1	2	19.52	19.33	19.45	20.50
		1	5	19.45	19.36	19.32	20.50
		3	0	19.45	19.35	19.25	20.50
		3	2	19.31	19.30	19.48	20.50
		3	3	19.48	19.45	19.39	20.50
	16QAM	6	0	19.35	19.40	19.34	20.50
		1	0	19.62	19.53	19.46	20.50
		1	2	19.81	19.57	19.53	20.50
		1	5	19.81	19.43	19.55	20.50
		3	0	19.39	19.45	19.20	20.50
		3	2	19.50	19.40	19.41	20.50
		3	3	19.42	19.47	19.34	20.50
	6	0	19.45	19.34	19.22	20.50	
	64QAM	1	0	19.54	19.28	19.24	20.50



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		1	2	19.61	19.37	19.45	20.50
		1	5	19.50	19.39	19.45	20.50
		3	0	19.40	19.42	19.33	20.50
		3	2	19.49	19.46	19.37	20.50
		3	3	19.38	19.35	19.51	20.50
		6	0	19.40	19.35	19.39	20.50
	256QAM	1	0	17.09	17.21	17.15	18.50
		1	2	17.28	17.42	17.24	18.50
		1	5	17.22	17.41	17.14	18.50
		3	0	17.13	17.22	16.92	18.50
		3	2	17.26	17.03	17.12	18.50
		3	3	17.13	17.13	17.16	18.50
	6	0	17.20	17.18	17.19	18.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 19965	<b>Channel</b> 20175	<b>Channel</b> 20385
<b>3MHz</b>	QPSK	1	0	19.42	19.28	19.21	20.50
		1	7	19.47	19.48	19.31	20.50
		1	14	19.33	19.36	19.37	20.50
		8	0	19.42	19.43	19.35	20.50
		8	4	19.45	19.30	19.50	20.50
		8	7	19.37	19.50	19.44	20.50
	16QAM	15	0	19.25	19.35	19.30	20.50
		1	0	19.72	19.48	19.30	20.50
		1	7	19.85	19.51	19.43	20.50
		1	14	19.66	19.37	19.48	20.50
		8	0	19.34	19.26	19.17	20.50
		8	4	19.46	19.34	19.45	20.50
	64QAM	8	7	19.50	19.44	19.30	20.50
		15	0	19.40	19.27	19.35	20.50
		1	0	19.66	19.27	19.28	20.50
		1	7	19.51	19.44	19.47	20.50
		1	14	19.51	19.36	19.40	20.50
		8	0	19.32	19.39	19.26	20.50
	256QAM	8	4	19.45	19.50	19.40	20.50
		8	7	19.49	19.43	19.48	20.50
		15	0	19.29	19.38	19.43	20.50
		1	0	17.09	17.10	17.29	18.50
		1	7	17.38	17.29	17.29	18.50
		1	14	17.33	17.22	17.27	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	8	0	17.08	17.09	16.93	18.50	
		8	4	17.18	17.21	17.18	18.50	
		8	7	17.12	17.20	17.14	18.50	
		15	0	17.06	17.14	17.22	18.50	
	16QAM	QPSK	1	0	19.36	19.40	19.34	20.50
			1	13	19.48	19.35	19.32	20.50
			1	24	19.38	19.42	19.35	20.50
			12	0	19.35	19.31	19.31	20.50
			12	6	19.46	19.32	19.47	20.50
			12	13	19.41	19.41	19.47	20.50
		16QAM	1	0	19.64	19.50	19.36	20.50
			1	13	19.72	19.55	19.61	20.50
			1	24	19.82	19.57	19.48	20.50
			12	0	19.31	19.34	19.20	20.50
			12	6	19.45	19.43	19.45	20.50
			12	13	19.43	19.29	19.31	20.50
	64QAM	25	0	19.28	19.39	19.33	20.50	
		64QAM	1	0	19.59	19.34	19.26	20.50
			1	13	19.67	19.31	19.48	20.50
			1	24	19.53	19.43	19.33	20.50
		12	0	19.50	19.47	19.19	20.50	
		12	6	19.40	19.38	19.29	20.50	
		12	13	19.40	19.40	19.41	20.50	
	256QAM	25	0	19.39	19.39	19.32	20.50	
		256QAM	1	0	16.99	17.25	17.23	18.50
			1	13	17.30	17.38	17.31	18.50
			1	24	17.40	17.38	17.20	18.50
		12	0	17.15	17.14	16.99	18.50	
12		6	17.18	17.17	17.01	18.50		
12		13	17.22	17.18	17.22	18.50		
25	0	17.25	17.17	17.26	18.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	QPSK	1	0	19.31	19.30	19.22	20.50	
		1	25	19.37	19.44	19.47	20.50	
		1	49	19.44	19.46	19.35	20.50	



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		25	0	19.40	19.44	19.23	20.50	
		25	13	19.38	19.34	19.38	20.50	
		25	25	19.30	19.48	19.35	20.50	
		50	0	19.32	19.29	19.45	20.50	
	16QAM	1	0	19.70	19.59	19.30	20.50	
		1	25	19.75	19.55	19.44	20.50	
		1	49	19.74	19.54	19.44	20.50	
		25	0	19.40	19.33	19.30	20.50	
		25	13	19.34	19.35	19.39	20.50	
		25	25	19.33	19.48	19.47	20.50	
		50	0	19.38	19.40	19.36	20.50	
	64QAM	1	0	19.59	19.26	19.37	20.50	
		1	25	19.62	19.44	19.51	20.50	
		1	49	19.63	19.36	19.42	20.50	
		25	0	19.47	19.44	19.36	20.50	
		25	13	19.35	19.35	19.42	20.50	
		25	25	19.34	19.38	19.41	20.50	
		50	0	19.41	19.35	19.36	20.50	
	256QAM	1	0	17.03	17.15	17.16	18.50	
		1	25	17.40	17.24	17.23	18.50	
		1	49	17.38	17.36	17.17	18.50	
		25	0	17.20	17.05	16.90	18.50	
		25	13	17.29	17.14	17.08	18.50	
		25	25	17.23	17.14	17.24	18.50	
		50	0	17.22	17.11	17.08	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
	15MHz	QPSK	1	0	19.32	19.29	19.18	20.50
1			38	19.48	19.32	19.42	20.50	
1			74	19.38	19.32	19.37	20.50	
36			0	19.29	19.34	19.29	20.50	
36			18	19.39	19.44	19.42	20.50	
36			39	19.40	19.42	19.31	20.50	
75			0	19.21	19.39	19.43	20.50	
16QAM		1	0	19.75	19.49	19.41	20.50	
		1	38	19.71	19.55	19.41	20.50	
		1	74	19.77	19.43	19.53	20.50	
		36	0	19.45	19.41	19.24	20.50	
		36	18	19.42	19.32	19.30	20.50	



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		36	39	19.32	19.40	19.28	20.50	
		75	0	19.30	19.41	19.26	20.50	
		64QAM	1	0	19.51	19.24	19.36	20.50
			1	38	19.65	19.36	19.57	20.50
			1	74	19.48	19.34	19.36	20.50
			36	0	19.35	19.42	19.28	20.50
			36	18	19.36	19.41	19.36	20.50
			36	39	19.38	19.38	19.32	20.50
			75	0	19.42	19.49	19.40	20.50
		256QAM	1	0	16.94	17.18	17.12	18.50
			1	38	17.44	17.28	17.34	18.50
			1	74	17.29	17.36	17.26	18.50
			36	0	17.21	17.11	16.98	18.50
			36	18	17.26	17.19	17.05	18.50
36	39		17.21	17.21	17.16	18.50		
75	0		17.18	17.22	17.25	18.50		
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
<b>20MHz</b>	QPSK	1	0	19.35	19.38	19.28	20.50	
		1	50	19.45	19.41	19.41	20.50	
		1	99	19.37	19.38	19.37	20.50	
		50	0	19.38	19.35	19.26	20.50	
		50	25	19.41	19.40	19.40	20.50	
		50	50	19.39	19.43	19.40	20.50	
		100	0	19.31	19.39	19.39	20.50	
	16QAM	1	0	19.71	19.51	19.37	20.50	
		1	50	19.75	19.59	19.51	20.50	
		1	99	19.73	19.47	19.45	20.50	
		50	0	19.41	19.35	19.24	20.50	
		50	25	19.43	19.35	19.36	20.50	
		50	50	19.41	19.39	19.37	20.50	
		100	0	19.35	19.32	19.31	20.50	
	64QAM	1	0	19.56	19.29	19.31	20.50	
		1	50	19.60	19.41	19.52	20.50	
		1	99	19.55	19.41	19.42	20.50	
		50	0	19.42	19.38	19.29	20.50	
		50	25	19.43	19.42	19.37	20.50	
		50	50	19.43	19.42	19.42	20.50	
		100	0	19.36	19.42	19.35	20.50	



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256QAM	1	0	17.04	17.18	17.19	18.50
	1	50	17.36	17.33	17.32	18.50
	1	99	17.31	17.32	17.22	18.50
	50	0	17.16	17.14	16.96	18.50
	50	25	17.23	17.11	17.10	18.50
	50	50	17.15	17.13	17.19	18.50
	100	0	17.16	17.17	17.16	18.50

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	14.75	14.75	14.71	16.00
		1	2	14.85	14.71	14.88	16.00
		1	5	14.86	14.81	14.79	16.00
		3	0	14.84	14.77	14.70	16.00
		3	2	14.87	14.82	14.83	16.00
		3	3	14.86	14.95	14.80	16.00
		6	0	14.83	14.95	14.88	16.00
	16QAM	1	0	15.07	14.98	14.79	16.00
		1	2	15.07	15.01	15.03	16.00
		1	5	15.18	14.73	14.98	16.00
		3	0	14.92	14.64	14.72	16.00
		3	2	14.90	14.82	14.73	16.00
		3	3	14.73	14.86	14.85	16.00
		6	0	14.79	14.91	14.77	16.00
	64QAM	1	0	14.87	14.77	14.73	16.00
		1	2	15.03	15.00	14.93	16.00
		1	5	15.06	14.91	14.97	16.00
		3	0	14.83	14.89	14.71	16.00
		3	2	14.79	14.91	14.70	16.00
		3	3	14.92	14.85	14.93	16.00
		6	0	14.83	14.77	14.72	16.00
	256QAM	1	0	14.86	14.81	14.91	16.00
		1	2	14.97	14.85	14.86	16.00
		1	5	14.73	14.80	14.99	16.00
		3	0	14.85	14.81	14.78	16.00
		3	2	14.86	14.74	14.80	16.00
		3	3	14.79	14.67	14.73	16.00



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Bandwidth	Modulation	RB size	RB offset	6	0	14.88	14.69	14.79	16.00
				Channel	Channel	Channel	Tune up		
				19965	20175	20385			
3MHz	QPSK	1	0	14.69	14.71	14.71	16.00		
		1	7	14.88	14.73	14.76	16.00		
		1	14	14.92	14.81	14.73	16.00		
		8	0	14.94	14.86	14.75	16.00		
		8	4	14.81	14.77	14.71	16.00		
		8	7	14.79	14.86	14.77	16.00		
		15	0	14.73	14.76	14.76	16.00		
	16QAM	1	0	15.09	14.96	14.88	16.00		
		1	7	15.05	15.05	14.94	16.00		
		1	14	15.17	14.88	14.81	16.00		
		8	0	14.73	14.80	14.67	16.00		
		8	4	14.90	14.79	14.90	16.00		
		8	7	14.76	14.95	14.95	16.00		
		15	0	14.76	14.77	14.77	16.00		
	64QAM	1	0	14.91	14.83	14.76	16.00		
		1	7	14.84	14.85	14.81	16.00		
		1	14	15.10	14.85	14.91	16.00		
		8	0	14.92	14.91	14.69	16.00		
		8	4	14.82	14.89	14.89	16.00		
		8	7	14.78	14.91	14.77	16.00		
		15	0	14.73	14.91	14.70	16.00		
	256QAM	1	0	15.01	14.79	14.75	16.00		
		1	7	14.81	14.97	14.98	16.00		
		1	14	14.62	14.92	15.02	16.00		
8		0	14.76	14.81	14.82	16.00			
8		4	14.94	14.80	14.74	16.00			
8		7	14.88	14.69	14.84	16.00			
15		0	14.80	14.84	14.83	16.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				19975	20175	20375			
5MHz	QPSK	1	0	14.72	14.73	14.60	16.00		
		1	13	14.84	14.82	14.86	16.00		
		1	24	14.91	14.81	14.76	16.00		
		12	0	14.74	14.79	14.79	16.00		
		12	6	14.87	14.82	14.80	16.00		
		12	13	14.74	14.95	14.88	16.00		



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		25	0	14.91	14.87	14.84	16.00
	16QAM	1	0	15.00	14.89	14.76	16.00
		1	13	15.03	15.04	15.03	16.00
		1	24	15.21	14.74	14.90	16.00
		12	0	14.91	14.78	14.79	16.00
		12	6	14.87	14.84	14.88	16.00
		12	13	14.78	14.81	14.78	16.00
		25	0	14.89	14.81	14.86	16.00
	64QAM	1	0	14.91	14.88	14.85	16.00
		1	13	14.87	14.88	14.93	16.00
		1	24	14.96	14.91	14.95	16.00
		12	0	14.96	14.79	14.80	16.00
		12	6	14.95	14.91	14.89	16.00
		12	13	14.84	14.97	14.91	16.00
		25	0	14.91	14.88	14.83	16.00
	256QAM	1	0	14.88	14.89	14.78	16.00
		1	13	14.92	14.88	14.88	16.00
		1	24	14.73	14.96	14.98	16.00
		12	0	14.87	14.74	14.80	16.00
		12	6	14.94	14.75	14.83	16.00
		12	13	14.96	14.67	14.79	16.00
		25	0	14.77	14.73	14.84	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	14.83	14.85	14.76	16.00
		1	25	14.86	14.80	14.78	16.00
		1	49	14.81	14.90	14.81	16.00
		25	0	14.74	14.80	14.68	16.00
		25	13	14.85	14.81	14.86	16.00
		25	25	14.94	14.93	14.85	16.00
		50	0	14.85	14.91	14.80	16.00
	16QAM	1	0	15.04	14.82	14.86	16.00
		1	25	15.09	14.91	14.98	16.00
		1	49	15.22	14.88	14.88	16.00
		25	0	14.93	14.65	14.72	16.00
		25	13	14.90	14.87	14.75	16.00
		25	25	14.84	14.87	14.94	16.00
		50	0	14.73	14.78	14.72	16.00
	64QAM	1	0	14.91	14.89	14.93	16.00



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		1	25	14.86	15.01	14.94	16.00	
		1	49	15.00	14.93	14.94	16.00	
		25	0	14.93	14.87	14.67	16.00	
		25	13	14.93	14.79	14.85	16.00	
		25	25	14.86	14.97	14.95	16.00	
		50	0	14.91	14.90	14.79	16.00	
		256QAM	1	0	14.86	14.81	14.94	16.00
			1	25	14.98	14.93	15.02	16.00
			1	49	14.71	14.88	15.00	16.00
			25	0	14.83	14.85	14.73	16.00
			25	13	15.00	14.70	14.90	16.00
			25	25	14.93	14.84	14.89	16.00
			50	0	14.87	14.72	14.93	16.00
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20025	20175					20325		
15MHz	QPSK	1	0	14.81	14.84	14.73	16.00	
		1	38	14.94	14.71	14.89	16.00	
		1	74	14.81	14.71	14.75	16.00	
		36	0	14.92	14.79	14.76	16.00	
		36	18	14.97	14.76	14.86	16.00	
		36	39	14.80	14.86	14.78	16.00	
		75	0	14.89	14.76	14.87	16.00	
	16QAM	1	0	15.19	14.91	14.90	16.00	
		1	38	15.16	14.90	14.89	16.00	
		1	74	15.11	14.76	14.91	16.00	
		36	0	14.73	14.80	14.65	16.00	
		36	18	14.93	14.85	14.85	16.00	
		36	39	14.76	14.75	14.77	16.00	
		75	0	14.74	14.88	14.78	16.00	
	64QAM	1	0	15.00	14.85	14.81	16.00	
		1	38	14.98	14.90	14.81	16.00	
		1	74	14.97	14.92	14.93	16.00	
		36	0	14.79	14.79	14.73	16.00	
		36	18	14.97	14.78	14.89	16.00	
		36	39	14.79	14.95	14.81	16.00	
		75	0	14.83	14.94	14.72	16.00	
	256QAM	1	0	14.93	14.85	14.92	16.00	
		1	38	14.82	14.83	15.03	16.00	
		1	74	14.74	14.79	14.95	16.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	QPSK	36	0	14.88	14.69	14.79	16.00	
		36	18	14.88	14.75	14.72	16.00	
		36	39	14.85	14.85	14.83	16.00	
		75	0	14.79	14.82	14.75	16.00	
	16QAM	16QAM	1	0	14.79	14.80	14.70	16.00
			1	50	14.87	14.81	14.85	16.00
			1	99	14.86	14.81	14.78	16.00
			50	0	14.84	14.84	14.74	16.00
			50	25	14.87	14.85	14.81	16.00
			50	50	14.84	14.89	14.85	16.00
	64QAM	64QAM	100	0	14.81	14.85	14.80	16.00
			1	0	15.10	14.89	14.82	16.00
			1	50	15.13	14.97	14.96	16.00
			1	99	15.12	14.81	14.88	16.00
			50	0	14.83	14.74	14.73	16.00
			50	25	14.83	14.84	14.83	16.00
	256QAM	256QAM	50	50	14.79	14.85	14.85	16.00
			100	0	14.82	14.84	14.80	16.00
			1	0	14.97	14.85	14.83	16.00
			1	50	14.94	14.94	14.88	16.00
			1	99	15.05	14.85	14.87	16.00
			50	0	14.87	14.82	14.74	16.00
	256QAM	256QAM	50	25	14.88	14.87	14.80	16.00
			50	50	14.83	14.88	14.85	16.00
			100	0	14.81	14.85	14.78	16.00
			1	0	14.92	14.81	14.84	16.00
			1	50	14.90	14.89	14.95	16.00
			1	99	14.72	14.87	14.92	16.00
256QAM	256QAM	50	0	14.84	14.77	14.76	16.00	
		50	25	14.90	14.77	14.81	16.00	
		50	50	14.88	14.76	14.83	16.00	
		100	0	14.83	14.78	14.83	16.00	



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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	18.15	18.23	18.09	19.50
		1	2	18.30	18.23	18.29	19.50
		1	5	18.15	18.27	18.15	19.50
		3	0	18.26	18.15	18.15	19.50
		3	2	18.28	18.18	18.21	19.50
		3	3	18.25	18.32	18.21	19.50
		6	0	18.15	18.18	18.28	19.50
	16QAM	1	0	18.49	18.34	18.25	19.50
		1	2	18.57	18.37	18.36	19.50
		1	5	18.55	18.30	18.30	19.50
		3	0	18.30	18.23	18.09	19.50
		3	2	18.31	18.13	18.21	19.50
		3	3	18.27	18.17	18.27	19.50
		6	0	18.18	18.16	18.16	19.50
	64QAM	1	0	18.36	18.14	18.15	19.50
		1	2	18.44	18.30	18.30	19.50
		1	5	18.40	18.20	18.22	19.50
		3	0	18.31	18.20	18.19	19.50
		3	2	18.26	18.29	18.23	19.50
		3	3	18.29	18.25	18.32	19.50
		6	0	18.18	18.21	18.22	19.50
	256QAM	1	0	17.11	17.17	17.22	18.50
		1	2	17.46	17.40	17.36	18.50
		1	5	17.33	17.39	17.22	18.50
		3	0	17.26	17.16	17.03	18.50
		3	2	17.31	17.15	17.18	18.50
		3	3	17.21	17.22	17.25	18.50
		6	0	17.21	17.23	17.26	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	18.22	18.23	18.08	19.50
		1	7	18.26	18.22	18.27	19.50
		1	14	18.27	18.26	18.23	19.50
		8	0	18.24	18.14	18.10	19.50



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		8	4	18.22	18.25	18.19	19.50
		8	7	18.17	18.27	18.25	19.50
		15	0	18.13	18.27	18.28	19.50
	16QAM	1	0	18.57	18.35	18.18	19.50
		1	7	18.60	18.37	18.37	19.50
		1	14	18.54	18.34	18.35	19.50
		8	0	18.19	18.18	18.02	19.50
		8	4	18.30	18.20	18.18	19.50
		8	7	18.25	18.26	18.23	19.50
		15	0	18.19	18.22	18.18	19.50
	64QAM	1	0	18.42	18.10	18.17	19.50
		1	7	18.45	18.22	18.35	19.50
		1	14	18.43	18.19	18.30	19.50
		8	0	18.28	18.21	18.18	19.50
		8	4	18.22	18.30	18.24	19.50
		8	7	18.32	18.26	18.32	19.50
		15	0	18.22	18.28	18.24	19.50
	256QAM	1	0	17.08	17.18	17.20	18.50
		1	7	17.42	17.31	17.42	18.50
		1	14	17.33	17.40	17.28	18.50
		8	0	17.17	17.23	17.02	18.50
		8	4	17.30	17.14	17.10	18.50
		8	7	17.21	17.12	17.23	18.50
		15	0	17.22	17.23	17.18	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.25	18.25	18.16	19.50
		1	13	18.34	18.30	18.29	19.50
		1	24	18.25	18.24	18.26	19.50
		12	0	18.18	18.15	18.08	19.50
		12	6	18.28	18.26	18.26	19.50
		12	13	18.27	18.26	18.26	19.50
		25	0	18.17	18.26	18.27	19.50
	16QAM	1	0	18.59	18.37	18.15	19.50
		1	13	18.64	18.43	18.31	19.50
		1	24	18.63	18.29	18.26	19.50
		12	0	18.27	18.16	18.05	19.50
		12	6	18.32	18.25	18.14	19.50
		12	13	18.30	18.26	18.18	19.50



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		25	0	18.25	18.15	18.14	19.50
	64QAM	1	0	18.46	18.08	18.14	19.50
		1	13	18.45	18.23	18.35	19.50
		1	24	18.36	18.26	18.27	19.50
		12	0	18.28	18.27	18.15	19.50
		12	6	18.32	18.24	18.19	19.50
		12	13	18.24	18.21	18.28	19.50
		25	0	18.15	18.27	18.17	19.50
	256QAM	1	0	17.07	17.28	17.24	18.50
		1	13	17.36	17.34	17.42	18.50
		1	24	17.31	17.33	17.23	18.50
		12	0	17.21	17.19	17.02	18.50
		12	6	17.29	17.12	17.11	18.50
		12	13	17.24	17.21	17.18	18.50
		25	0	17.19	17.17	17.16	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.19	18.27	18.08	19.50
		1	25	18.24	18.24	18.22	19.50
		1	49	18.24	18.16	18.19	19.50
		25	0	18.20	18.21	18.13	19.50
		25	13	18.29	18.27	18.29	19.50
		25	25	18.26	18.31	18.22	19.50
		50	0	18.11	18.26	18.21	19.50
	16QAM	1	0	18.55	18.31	18.25	19.50
		1	25	18.65	18.39	18.37	19.50
		1	49	18.54	18.34	18.27	19.50
		25	0	18.25	18.13	18.09	19.50
		25	13	18.31	18.18	18.15	19.50
		25	25	18.23	18.19	18.26	19.50
		50	0	18.24	18.14	18.21	19.50
	64QAM	1	0	18.35	18.18	18.19	19.50
		1	25	18.39	18.29	18.30	19.50
		1	49	18.38	18.29	18.22	19.50
		25	0	18.27	18.17	18.17	19.50
		25	13	18.21	18.29	18.16	19.50
		25	25	18.28	18.21	18.24	19.50
		50	0	18.18	18.28	18.13	19.50
	256QAM	1	0	17.02	17.26	17.18	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	25	17.36	17.40	17.31	18.50
		1	49	17.32	17.35	17.25	18.50
		25	0	17.16	17.13	17.00	18.50
		25	13	17.28	17.09	17.11	18.50
		25	25	17.14	17.19	17.19	18.50
		50	0	17.20	17.25	17.20	18.50
	16QAM	1	0	18.22	18.26	18.08	19.50
		1	38	18.29	18.23	18.30	19.50
		1	74	18.27	18.26	18.20	19.50
		36	0	18.23	18.20	18.10	19.50
		36	18	18.29	18.20	18.20	19.50
		36	39	18.25	18.32	18.20	19.50
	64QAM	1	0	18.60	18.35	18.18	19.50
		1	38	18.60	18.49	18.37	19.50
		1	74	18.52	18.35	18.30	19.50
		36	0	18.24	18.15	18.02	19.50
		36	18	18.29	18.20	18.23	19.50
		36	39	18.21	18.24	18.20	19.50
	256QAM	1	0	18.42	18.18	18.14	19.50
		1	38	18.43	18.24	18.39	19.50
		1	74	18.37	18.29	18.30	19.50
36		0	18.24	18.23	18.18	19.50	
36		18	18.27	18.26	18.26	19.50	
36		39	18.33	18.23	18.28	19.50	
20MHz	QPSK	1	0	17.06	17.22	17.26	18.50
		1	38	17.37	17.31	17.33	18.50
20MHz	QPSK	1	74	17.30	17.36	17.30	18.50
		36	0	17.23	17.21	17.05	18.50
20MHz	QPSK	36	18	17.23	17.12	17.10	18.50
		36	39	17.22	17.12	17.26	18.50
20MHz	QPSK	75	0	17.16	17.26	17.15	18.50
		1	0	18.15	18.18	18.08	19.50



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		1	50	18.25	18.21	18.21	19.50
		1	99	18.17	18.18	18.17	19.50
		50	0	18.18	18.15	18.06	19.50
		50	25	18.21	18.20	18.20	19.50
		50	50	18.19	18.23	18.20	19.50
		100	0	18.11	18.19	18.19	19.50
	16QAM	1	0	18.51	18.31	18.17	19.50
		1	50	18.55	18.39	18.31	19.50
		1	99	18.53	18.27	18.25	19.50
		50	0	18.21	18.15	18.04	19.50
		50	25	18.23	18.15	18.16	19.50
		50	50	18.21	18.19	18.17	19.50
	64QAM	100	0	18.15	18.12	18.11	19.50
		1	0	18.36	18.09	18.11	19.50
		1	50	18.40	18.21	18.32	19.50
		1	99	18.35	18.21	18.22	19.50
		50	0	18.22	18.18	18.09	19.50
		50	25	18.23	18.22	18.17	19.50
	256QAM	50	50	18.23	18.22	18.22	19.50
		100	0	18.16	18.22	18.15	19.50
		1	0	17.04	17.18	17.19	18.50
		1	50	17.36	17.33	17.32	18.50
		1	99	17.31	17.32	17.22	18.50
		50	0	17.16	17.14	16.96	18.50
	50	25	17.23	17.11	17.10	18.50	
	50	50	17.15	17.13	17.19	18.50	
	50	50	17.15	17.13	17.19	18.50	
	100	0	17.16	17.17	17.16	18.50	

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	22.18	22.38	22.12	23.50
		1	13	22.21	22.23	22.17	23.50
		1	24	22.13	22.24	22.12	23.50
		12	0	21.27	21.29	21.14	22.50
		12	6	21.20	21.34	21.12	22.50
		12	13	21.31	21.36	21.12	22.50
		25	0	21.22	21.44	21.12	22.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	16QAM	1	0	21.69	21.49	22.18	22.50	
		1	13	21.61	21.24	21.41	22.50	
		1	24	21.47	21.47	21.36	22.50	
		12	0	20.18	20.38	20.15	21.50	
		12	6	20.30	20.38	20.16	21.50	
		12	13	20.26	20.32	20.24	21.50	
		25	0	20.24	20.30	20.13	21.50	
	64QAM	1	0	20.25	20.43	20.38	21.50	
		1	13	20.34	20.67	20.45	21.50	
		1	24	20.29	20.53	20.54	21.50	
		12	0	19.37	19.48	19.43	20.50	
		12	6	19.39	19.27	19.23	20.50	
		12	13	19.27	19.42	19.30	20.50	
		25	0	19.33	19.45	19.28	20.50	
	256QAM	1	0	17.25	17.49	17.34	18.50	
		1	13	17.16	17.27	17.29	18.50	
		1	24	17.37	17.30	17.16	18.50	
		12	0	17.24	17.23	17.20	18.50	
		12	6	17.49	17.45	17.29	18.50	
		12	13	17.19	17.48	17.14	18.50	
		25	0	17.30	17.45	17.26	18.50	
	10MHz	QPSK	1	0	22.26	22.35	22.14	23.50
			1	25	22.20	22.09	22.06	23.50
			1	49	22.17	22.08	22.12	23.50
			25	0	21.15	21.49	21.10	22.50
			25	13	21.17	21.45	21.20	22.50
			25	25	21.18	21.30	21.05	22.50
			50	0	21.16	21.43	21.11	22.50
16QAM		1	0	21.63	21.40	22.08	22.50	
		1	25	21.45	21.24	21.35	22.50	
		1	49	21.54	21.40	21.32	22.50	
		25	0	20.25	20.48	20.29	21.50	
		25	13	20.24	20.40	20.11	21.50	
		25	25	20.41	20.43	20.24	21.50	
		50	0	20.22	20.42	20.17	21.50	
64QAM	1	0	20.14	20.30	20.33	21.50		
	1	25	20.53	20.54	20.36	21.50		



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		1	49	20.36	20.41	20.53	21.50		
		25	0	19.32	19.35	19.41	20.50		
		25	13	19.22	19.29	19.17	20.50		
		25	25	19.37	19.30	19.16	20.50		
		50	0	19.27	19.43	19.15	20.50		
		256QAM	1	0	17.28	17.46	17.29	18.50	
			1	25	17.21	17.44	17.32	18.50	
			1	49	17.32	17.29	17.15	18.50	
			25	0	17.23	17.25	17.14	18.50	
			25	13	17.43	17.49	17.24	18.50	
			25	25	17.36	17.55	17.12	18.50	
			50	0	17.32	17.41	17.21	18.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20825	21100	21375	
15MHz	QPSK	1	0	22.15	22.45	22.16	23.50		
		1	38	22.11	22.12	22.19	23.50		
		1	74	22.28	22.12	22.25	23.50		
		36	0	21.24	21.43	21.10	22.50		
		36	18	21.30	21.37	21.27	22.50		
		36	39	21.23	21.39	21.09	22.50		
		75	0	21.30	21.33	21.23	22.50		
	16QAM	1	0	21.68	21.39	22.15	22.50		
		1	38	21.48	21.28	21.33	22.50		
		1	74	21.37	21.51	21.31	22.50		
		36	0	20.23	20.56	20.29	21.50		
		36	18	20.34	20.55	20.21	21.50		
		36	39	20.37	20.31	20.23	21.50		
		75	0	20.27	20.46	20.16	21.50		
	64QAM	1	0	20.21	20.47	20.36	21.50		
		1	38	20.45	20.51	20.46	21.50		
		1	74	20.39	20.50	20.52	21.50		
		36	0	19.41	19.51	19.47	20.50		
		36	18	19.39	19.30	19.18	20.50		
		36	39	19.20	19.37	19.27	20.50		
		75	0	19.30	19.43	19.13	20.50		
	256QAM	1	0	17.27	17.52	17.21	18.50		
		1	38	17.32	17.27	17.23	18.50		
		1	74	17.33	17.29	17.25	18.50		
		36	0	17.28	17.22	17.25	18.50		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20850	21100	21350			
20MHz	QPSK	36	18	17.47	17.59	17.26	18.50		
		36	39	17.35	17.49	17.29	18.50		
		75	0	17.36	17.48	17.28	18.50		
	16QAM	QPSK	1	0	22.23	22.45	22.19	23.50	
			1	50	22.21	22.17	22.16	23.50	
			1	99	22.23	22.18	22.17	23.50	
			50	0	21.22	21.39	21.14	22.50	
			50	25	21.24	21.35	21.19	22.50	
			50	50	21.23	21.31	21.14	22.50	
		16QAM	16QAM	100	0	21.21	21.34	21.16	22.50
				1	0	21.59	21.48	22.12	22.50
				1	50	21.53	21.33	21.34	22.50
				1	99	21.45	21.45	21.40	22.50
				50	0	20.28	20.46	20.19	21.50
				50	25	20.31	20.46	20.21	21.50
	64QAM	64QAM	50	50	20.31	20.33	20.20	21.50	
			100	0	20.25	20.36	20.19	21.50	
			1	0	20.21	20.37	20.33	21.50	
			1	50	20.43	20.61	20.40	21.50	
			1	99	20.34	20.44	20.45	21.50	
			50	0	19.31	19.41	19.44	20.50	
			50	25	19.30	19.36	19.26	20.50	
	256QAM	256QAM	50	50	19.30	19.37	19.24	20.50	
			100	0	19.26	19.40	19.21	20.50	
			1	0	17.21	17.48	17.26	18.50	
			1	50	17.24	17.36	17.28	18.50	
			1	99	17.41	17.38	17.24	18.50	
			50	0	17.28	17.26	17.19	18.50	
			50	25	17.40	17.55	17.20	18.50	
			50	50	17.26	17.56	17.19	18.50	
	100	0	17.27	17.40	17.20	18.50			

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	17.73	18.01	17.90	19.00



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		1	13	17.73	17.73	17.48	19.00
		1	24	17.72	17.51	17.70	19.00
		12	0	17.80	17.94	17.62	19.00
		12	6	17.76	17.72	17.70	19.00
		12	13	17.89	17.72	17.65	19.00
		25	0	17.89	17.91	17.64	19.00
	16QAM	1	0	17.69	18.08	17.65	19.00
		1	13	17.80	17.88	17.62	19.00
		1	24	17.83	17.66	17.91	19.00
		12	0	17.79	17.82	17.57	19.00
		12	6	17.63	17.72	17.54	19.00
		12	13	17.86	17.51	17.70	19.00
	64QAM	25	0	17.85	17.71	17.48	19.00
		1	0	17.84	18.02	17.67	19.00
		1	13	17.75	17.86	17.65	19.00
		1	24	17.87	17.70	17.69	19.00
		12	0	17.79	17.87	17.57	19.00
		12	6	17.74	17.82	17.60	19.00
	256QAM	12	13	17.83	17.71	17.77	19.00
		25	0	17.75	17.77	17.51	19.00
		1	0	16.77	17.05	16.79	18.50
1		13	16.83	17.06	16.70	18.50	
1		24	17.08	16.67	16.86	18.50	
12		0	16.90	16.81	16.69	18.50	
10MHz	QPSK	12	6	16.87	16.73	16.69	18.50
		12	13	16.87	16.85	16.66	18.50
		25	0	16.89	16.91	16.69	18.50
		1	0	17.80	17.97	17.97	19.00
		1	25	17.88	17.73	17.41	19.00
		1	49	17.87	17.61	17.61	19.00
	16QAM	25	0	17.80	17.96	17.56	19.00
		25	13	17.75	17.84	17.59	19.00
		25	25	17.75	17.78	17.58	19.00
		50	0	17.72	17.75	17.57	19.00
		1	0	17.76	17.91	17.69	19.00
		1	25	17.99	18.00	17.67	19.00
		1	49	17.95	17.71	17.86	19.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20800	21100	21400	



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		25	0	17.63	17.84	17.53	19.00	
		25	13	17.81	17.76	17.57	19.00	
		25	25	17.76	17.54	17.59	19.00	
		50	0	17.82	17.66	17.55	19.00	
	64QAM	1	0	17.69	18.01	17.67	19.00	
		1	25	17.71	17.75	17.59	19.00	
		1	49	17.83	17.55	17.72	19.00	
		25	0	17.83	17.87	17.56	19.00	
		25	13	17.81	17.84	17.59	19.00	
		25	25	17.75	17.58	17.62	19.00	
		50	0	17.69	17.74	17.50	19.00	
	256QAM	1	0	16.70	17.13	16.79	18.50	
		1	25	16.83	17.06	16.67	18.50	
		1	49	16.98	16.71	16.81	18.50	
		25	0	16.78	16.86	16.64	18.50	
		25	13	16.76	16.75	16.71	18.50	
		25	25	16.83	16.74	16.54	18.50	
		50	0	16.84	16.74	16.73	18.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20825	21100	21375	
	<b>15MHz</b>	QPSK	1	0	17.69	17.98	17.86	19.00
1			38	17.83	17.80	17.51	19.00	
1			74	17.86	17.67	17.77	19.00	
36			0	17.81	17.95	17.61	19.00	
36			18	17.74	17.86	17.70	19.00	
36			39	17.95	17.77	17.59	19.00	
75			0	17.76	17.76	17.69	19.00	
16QAM		1	0	17.79	18.06	17.62	19.00	
		1	38	17.85	17.86	17.69	19.00	
		1	74	17.95	17.72	17.83	19.00	
		36	0	17.78	17.69	17.51	19.00	
		36	18	17.69	17.80	17.43	19.00	
		36	39	17.77	17.68	17.55	19.00	
		75	0	17.78	17.74	17.56	19.00	
64QAM		1	0	17.71	17.86	17.76	19.00	
		1	38	17.77	17.90	17.53	19.00	
		1	74	17.89	17.66	17.80	19.00	
		36	0	17.73	17.72	17.48	19.00	
		36	18	17.82	17.73	17.70	19.00	



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	256QAM	36	39	17.81	17.56	17.61	19.00
		75	0	17.73	17.68	17.64	19.00
		1	0	16.70	17.21	16.80	18.50
		1	38	16.96	16.96	16.73	18.50
		1	74	17.00	16.72	16.74	18.50
		36	0	16.72	16.87	16.65	18.50
		36	18	16.96	16.91	16.74	18.50
		36	39	16.91	16.73	16.72	18.50
		75	0	16.95	16.73	16.70	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.75	17.96	17.93	19.00
		1	50	17.78	17.79	17.46	19.00
		1	99	17.79	17.57	17.70	19.00
		50	0	17.74	17.86	17.61	19.00
		50	25	17.79	17.77	17.61	19.00
		50	50	17.85	17.71	17.66	19.00
		100	0	17.82	17.85	17.59	19.00
	16QAM	1	0	17.78	17.98	17.71	19.00
		1	50	17.89	17.91	17.67	19.00
		1	99	17.85	17.67	17.84	19.00
		50	0	17.71	17.79	17.50	19.00
		50	25	17.73	17.72	17.51	19.00
		50	50	17.79	17.61	17.64	19.00
		100	0	17.79	17.73	17.57	19.00
	64QAM	1	0	17.78	17.95	17.68	19.00
		1	50	17.78	17.85	17.56	19.00
		1	99	17.87	17.65	17.70	19.00
		50	0	17.78	17.80	17.55	19.00
		50	25	17.77	17.75	17.60	19.00
		50	50	17.83	17.66	17.67	19.00
		100	0	17.77	17.75	17.58	19.00
	256QAM	1	0	16.78	17.12	16.77	18.50
		1	50	16.90	16.96	16.76	18.50
		1	99	17.03	16.76	16.83	18.50
		50	0	16.81	16.78	16.58	18.50
		50	25	16.86	16.82	16.70	18.50
		50	50	16.93	16.77	16.64	18.50
		100	0	16.89	16.81	16.69	18.50



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LTE Band 7 Eci3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	15.76	16.16	15.89	17.00
		1	13	16.01	16.07	15.77	17.00
		1	24	16.24	15.95	16.00	17.00
		12	0	16.13	16.20	15.85	17.00
		12	6	16.09	16.01	15.89	17.00
		12	13	16.19	15.96	15.95	17.00
		25	0	16.03	16.01	15.87	17.00
	16QAM	1	0	15.93	16.22	15.88	17.00
		1	13	16.24	16.26	15.79	17.00
		1	24	16.17	16.05	16.22	17.00
		12	0	15.94	16.10	15.87	17.00
		12	6	16.09	15.94	15.82	17.00
		12	13	16.18	15.85	15.89	17.00
		25	0	16.17	16.03	15.95	17.00
	64QAM	1	0	16.09	16.23	15.94	17.00
		1	13	16.10	16.10	15.78	17.00
		1	24	16.10	15.96	16.01	17.00
		12	0	16.05	16.06	15.85	17.00
		12	6	16.10	16.09	15.85	17.00
		12	13	16.05	15.95	15.91	17.00
		25	0	16.02	15.93	15.86	17.00
	256QAM	1	0	16.06	16.20	15.98	17.00
		1	13	15.92	16.21	15.93	17.00
		1	24	16.16	15.93	16.24	17.00
		12	0	15.92	16.14	15.96	17.00
		12	6	16.15	16.10	15.78	17.00
		12	13	16.10	15.83	15.95	17.00
		25	0	16.13	15.99	15.97	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	15.77	16.17	15.84	17.00
		1	25	15.99	16.10	15.79	17.00
		1	49	16.22	15.82	16.07	17.00
		25	0	16.14	16.12	15.98	17.00



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		25	13	16.11	15.98	15.94	17.00	
		25	25	16.08	15.89	15.93	17.00	
		50	0	16.20	16.13	15.85	17.00	
	16QAM	1	0	15.90	16.21	15.91	17.00	
		1	25	16.19	16.22	15.96	17.00	
		1	49	16.29	15.96	16.18	17.00	
		25	0	16.08	16.06	15.98	17.00	
		25	13	15.94	16.09	15.96	17.00	
		25	25	16.12	15.88	15.93	17.00	
		50	0	16.07	15.99	15.92	17.00	
	64QAM	1	0	16.16	16.15	15.88	17.00	
		1	25	15.94	16.24	15.94	17.00	
		1	49	16.05	16.00	16.14	17.00	
		25	0	15.94	16.17	15.91	17.00	
		25	13	16.00	16.05	15.88	17.00	
		25	25	16.10	15.91	15.82	17.00	
		50	0	16.11	15.94	15.81	17.00	
	256QAM	1	0	16.19	16.31	16.02	17.00	
		1	25	16.06	16.20	16.06	17.00	
		1	49	16.33	15.86	16.21	17.00	
		25	0	15.93	16.14	15.94	17.00	
		25	13	16.11	16.00	15.92	17.00	
		25	25	16.09	15.97	16.04	17.00	
		50	0	16.04	16.07	15.95	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
	15MHz	QPSK	1	0	15.92	16.19	15.95	17.00
			1	38	16.02	15.95	15.75	17.00
1			74	16.17	15.77	16.00	17.00	
36			0	16.03	16.16	15.81	17.00	
36			18	16.04	16.03	15.91	17.00	
36			39	16.03	16.08	15.93	17.00	
75			0	16.09	16.06	15.97	17.00	
16QAM		1	0	16.02	16.26	15.94	17.00	
		1	38	16.27	16.10	15.94	17.00	
		1	74	16.12	16.05	16.05	17.00	
		36	0	16.02	16.07	15.82	17.00	
		36	18	16.05	16.00	15.89	17.00	
		36	39	16.23	15.96	15.88	17.00	



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		75	0	16.01	16.04	15.83	17.00
	64QAM	1	0	16.01	16.33	15.88	17.00
		1	38	15.98	16.20	15.74	17.00
		1	74	16.23	16.01	16.09	17.00
		36	0	15.94	16.04	15.92	17.00
		36	18	16.10	16.08	15.96	17.00
		36	39	16.22	15.87	15.93	17.00
		75	0	16.08	15.98	15.79	17.00
	256QAM	1	0	16.05	16.23	15.96	17.00
		1	38	16.11	16.06	15.87	17.00
		1	74	16.17	15.90	16.22	17.00
		36	0	15.97	15.98	15.86	17.00
		36	18	16.16	15.97	15.94	17.00
		36	39	16.15	16.01	15.88	17.00
		75	0	16.06	15.99	15.97	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	15.84	16.13	15.93	17.00
		1	50	16.03	16.04	15.85	17.00
		1	99	16.16	15.86	16.03	17.00
		50	0	16.05	16.14	15.90	17.00
		50	25	16.09	16.05	15.92	17.00
		50	50	16.13	15.99	15.95	17.00
		100	0	16.10	16.05	15.89	17.00
	16QAM	1	0	15.94	16.25	15.90	17.00
		1	50	16.27	16.18	15.89	17.00
		1	99	16.21	16.01	16.13	17.00
		50	0	16.00	16.11	15.88	17.00
		50	25	16.03	16.04	15.89	17.00
		50	50	16.13	15.95	15.97	17.00
		100	0	16.07	15.98	15.89	17.00
	64QAM	1	0	16.08	16.25	15.97	17.00
		1	50	16.04	16.17	15.84	17.00
		1	99	16.15	15.91	16.06	17.00
		50	0	16.02	16.09	15.88	17.00
		50	25	16.06	16.05	15.90	17.00
		50	50	16.12	15.94	15.83	17.00
		100	0	16.05	16.00	15.88	17.00
	256QAM	1	0	16.12	16.23	15.93	17.00



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		1	50	16.01	16.14	15.96	17.00
		1	99	16.24	15.94	16.14	17.00
		50	0	16.01	16.05	15.87	17.00
		50	25	16.07	16.03	15.86	17.00
		50	50	16.15	15.92	15.94	17.00
		100	0	16.05	16.02	15.89	17.00

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	9.96	9.86	9.76	11.00
		1	13	9.90	9.88	9.73	11.00
		1	24	9.91	9.69	9.89	11.00
		12	0	9.94	10.00	9.76	11.00
		12	6	9.88	9.87	9.68	11.00
		12	13	9.97	9.83	9.81	11.00
		25	0	9.87	9.88	9.83	11.00
	16QAM	1	0	10.06	10.43	9.96	11.00
		1	13	9.97	10.24	9.81	11.00
		1	24	10.07	10.00	10.02	11.00
		12	0	9.91	9.96	9.73	11.00
		12	6	9.96	9.97	9.75	11.00
		12	13	10.02	9.84	9.75	11.00
		25	0	9.98	9.91	9.82	11.00
	64QAM	1	0	9.93	10.09	9.78	11.00
		1	13	10.06	10.09	9.72	11.00
		1	24	10.03	9.80	9.98	11.00
		12	0	9.94	10.06	9.84	11.00
		12	6	10.01	9.95	9.86	11.00
		12	13	9.95	9.76	9.79	11.00
		25	0	9.88	9.88	9.81	11.00
	256QAM	1	0	9.86	10.07	9.79	11.00
		1	13	9.94	10.07	9.84	11.00
		1	24	10.06	9.90	9.98	11.00
		12	0	9.83	9.98	9.76	11.00
		12	6	9.97	9.89	9.69	11.00
		12	13	9.95	9.79	9.81	11.00
		25	0	9.91	9.96	9.72	11.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	9.88	9.90	9.76	11.00
		1	25	9.88	9.93	9.72	11.00
		1	49	9.92	9.74	9.94	11.00
		25	0	9.97	9.98	9.81	11.00
		25	13	9.93	9.87	9.79	11.00
		25	25	9.91	9.86	9.86	11.00
		50	0	9.88	9.95	9.76	11.00
	16QAM	1	0	10.07	10.42	9.88	11.00
		1	25	9.98	10.20	9.86	11.00
		1	49	10.13	9.99	10.06	11.00
		25	0	9.93	9.99	9.81	11.00
		25	13	9.96	9.97	9.78	11.00
		25	25	9.95	9.82	9.75	11.00
		50	0	9.90	9.89	9.82	11.00
	64QAM	1	0	10.01	10.09	9.81	11.00
		1	25	9.96	10.03	9.72	11.00
		1	49	9.92	9.85	9.96	11.00
		25	0	9.92	10.04	9.85	11.00
		25	13	9.93	9.89	9.82	11.00
		25	25	10.02	9.85	9.82	11.00
		50	0	9.92	9.92	9.77	11.00
	256QAM	1	0	9.88	10.07	9.88	11.00
		1	25	9.98	10.06	9.81	11.00
		1	49	10.08	9.94	9.91	11.00
		25	0	9.79	10.04	9.79	11.00
		25	13	9.86	9.86	9.77	11.00
		25	25	10.05	9.75	9.80	11.00
		50	0	9.94	9.97	9.71	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	9.90	9.91	9.83	11.00
		1	38	9.84	9.96	9.73	11.00
		1	74	9.95	9.76	9.91	11.00
		36	0	9.95	9.97	9.79	11.00
		36	18	9.97	9.96	9.68	11.00
		36	39	10.01	9.79	9.77	11.00
		75	0	9.96	9.85	9.85	11.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	16QAM	1	0	10.17	10.46	9.93	11.00
		1	38	9.98	10.24	9.79	11.00
		1	74	10.09	10.00	9.99	11.00
		36	0	9.96	9.94	9.77	11.00
		36	18	10.00	9.98	9.83	11.00
		36	39	9.92	9.85	9.77	11.00
		75	0	9.91	9.89	9.74	11.00
	64QAM	1	0	9.96	10.15	9.76	11.00
		1	38	10.07	10.14	9.69	11.00
		1	74	9.96	9.80	10.05	11.00
		36	0	9.97	10.00	9.77	11.00
		36	18	9.95	9.96	9.75	11.00
		36	39	10.00	9.79	9.81	11.00
		75	0	9.88	9.86	9.77	11.00
	256QAM	1	0	9.83	10.14	9.82	11.00
		1	38	10.01	10.07	9.73	11.00
		1	74	10.06	9.95	9.89	11.00
		36	0	9.84	9.93	9.72	11.00
		36	18	9.92	9.89	9.78	11.00
		36	39	9.93	9.76	9.84	11.00
		75	0	9.97	9.92	9.76	11.00
20MHz	QPSK	1	0	9.89	9.90	9.75	11.00
		1	50	9.85	9.87	9.68	11.00
		1	99	9.88	9.70	9.91	11.00
		50	0	9.91	9.97	9.73	11.00
		50	25	9.88	9.86	9.70	11.00
		50	50	9.91	9.78	9.77	11.00
		100	0	9.88	9.85	9.75	11.00
	16QAM	1	0	10.07	10.38	9.90	11.00
		1	50	9.90	10.14	9.80	11.00
		1	99	10.03	9.94	9.96	11.00
		50	0	9.86	9.92	9.73	11.00
		50	25	9.92	9.91	9.73	11.00
		50	50	9.92	9.76	9.73	11.00
		100	0	9.88	9.87	9.72	11.00
64QAM	1	0	9.94	10.10	9.76	11.00	
	1	50	9.97	10.05	9.70	11.00	



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		1	99	9.93	9.80	9.95	11.00
		50	0	9.87	9.97	9.75	11.00
		50	25	9.91	9.90	9.77	11.00
		50	50	9.96	9.78	9.79	11.00
		100	0	9.85	9.85	9.75	11.00
	256QAM	1	0	9.82	10.07	9.79	11.00
		1	50	9.96	9.98	9.75	11.00
		1	99	10.03	9.89	9.89	11.00
		50	0	9.81	9.95	9.71	11.00
		50	25	9.88	9.82	9.69	11.00
		50	50	9.95	9.76	9.74	11.00
		100	0	9.90	9.89	9.72	11.00

LTE Band 66 Eci2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.40	22.32	22.28	23.50
		1	2	22.24	22.20	22.40	23.50
		1	5	22.28	22.47	22.36	23.50
		3	0	22.08	22.48	22.30	23.50
		3	1	22.28	22.29	22.62	23.50
		3	3	22.51	22.45	22.59	23.50
		6	0	21.30	21.35	21.44	22.50
	16QAM	1	0	21.26	21.67	21.57	22.50
		1	2	21.28	21.57	21.66	22.50
		1	5	21.56	21.78	21.56	22.50
		3	0	21.49	21.36	21.28	22.50
		3	1	21.37	21.30	21.21	22.50
		3	3	21.17	21.26	21.23	22.50
		6	0	20.08	20.41	20.41	21.50
	64QAM	1	0	20.13	20.55	19.98	21.50
		1	2	20.51	20.28	19.91	21.50
		1	5	20.53	20.80	20.23	21.50
		3	0	20.18	20.20	20.30	21.50
		3	1	20.40	20.37	20.41	21.50
		3	3	20.35	20.55	20.48	21.50
		6	0	19.27	19.26	19.28	20.50
	256QAM	1	0	17.66	17.34	17.16	18.50



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		1	2	17.59	17.08	17.21	18.50
		1	5	17.40	17.58	17.45	18.50
		3	0	17.18	17.46	17.14	18.50
		3	1	17.43	17.06	17.19	18.50
		3	3	17.25	17.34	17.24	18.50
		6	0	17.30	17.12	17.33	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.36	22.30	22.21	23.50
		1	7	22.07	22.22	22.36	23.50
		1	14	22.40	22.40	22.31	23.50
		8	0	21.16	21.48	21.25	22.50
		8	4	21.14	21.32	21.46	22.50
		8	7	21.39	21.42	21.44	22.50
		15	0	21.40	21.27	21.31	22.50
	16QAM	1	0	21.21	21.69	21.71	22.50
		1	7	21.27	21.68	21.67	22.50
		1	14	21.66	21.62	21.42	22.50
		8	0	20.49	20.34	20.23	21.50
		8	4	20.38	20.20	20.24	21.50
		8	7	20.10	20.25	20.22	21.50
		15	0	20.22	20.36	20.32	21.50
	64QAM	1	0	20.20	20.72	19.95	21.50
		1	7	20.39	20.27	19.99	21.50
		1	14	20.43	20.71	20.25	21.50
		8	0	19.32	19.33	19.31	20.50
		8	4	19.47	19.28	19.42	20.50
		8	7	19.28	19.50	19.35	20.50
		15	0	19.29	19.38	19.42	20.50
	256QAM	1	0	17.63	17.32	17.21	18.50
		1	7	17.62	17.17	17.17	18.50
		1	14	17.39	17.64	17.38	18.50
		8	0	17.22	17.46	17.12	18.50
		8	4	17.56	17.11	17.21	18.50
		8	7	17.15	17.49	17.31	18.50
		15	0	17.27	17.23	17.31	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.30	22.29	22.19	23.50



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		1	13	22.17	22.19	22.39	23.50	
		1	24	22.40	22.33	22.37	23.50	
		12	0	21.11	21.38	21.22	22.50	
		12	6	21.19	21.36	21.56	22.50	
		12	13	21.43	21.54	21.43	22.50	
		25	0	21.36	21.40	21.30	22.50	
	16QAM	1	0	21.33	21.79	21.58	22.50	
		1	13	21.28	21.72	21.59	22.50	
		1	24	21.69	21.71	21.47	22.50	
		12	0	20.33	20.20	20.30	21.50	
		12	6	20.41	20.33	20.32	21.50	
		12	13	20.22	20.24	20.10	21.50	
	64QAM	25	0	20.13	20.45	20.34	21.50	
		1	0	20.24	20.71	20.04	21.50	
		1	13	20.53	20.33	20.02	21.50	
		1	24	20.41	20.75	20.12	21.50	
		12	0	19.37	19.22	19.26	20.50	
		12	6	19.42	19.37	19.28	20.50	
	256QAM	12	13	19.39	19.47	19.43	20.50	
		25	0	19.20	19.20	19.41	20.50	
		1	0	17.54	17.27	17.09	18.50	
		1	13	17.48	17.00	17.26	18.50	
		1	24	17.40	17.58	17.46	18.50	
		12	0	17.13	17.35	17.15	18.50	
	10MHz	12	6	17.53	17.15	17.10	18.50	
		12	13	17.16	17.35	17.19	18.50	
		25	0	17.37	17.15	17.30	18.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
10MHz		QPSK	1	0	22.47	22.16	22.19	23.50
	1		25	22.11	22.25	22.22	23.50	
	1		49	22.37	22.37	22.34	23.50	
	25		0	21.20	21.33	21.27	22.50	
	25		13	21.13	21.27	21.56	22.50	
	25		25	21.40	21.35	21.59	22.50	
	16QAM	50	0	21.35	21.29	21.28	22.50	
		1	0	21.24	21.83	21.66	22.50	
		1	25	21.28	21.53	21.58	22.50	
		1	49	21.60	21.74	21.58	22.50	



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		25	0	20.44	20.32	20.21	21.50	
		25	13	20.32	20.25	20.18	21.50	
		25	25	20.05	20.37	20.30	21.50	
		50	0	20.17	20.37	20.39	21.50	
	64QAM	1	0	20.11	20.67	20.15	21.50	
		1	25	20.38	20.29	20.02	21.50	
		1	49	20.50	20.85	20.25	21.50	
		25	0	19.29	19.26	19.30	20.50	
		25	13	19.42	19.33	19.30	20.50	
		25	25	19.45	19.57	19.32	20.50	
		50	0	19.16	19.31	19.28	20.50	
	256QAM	1	0	17.60	17.37	17.11	18.50	
		1	25	17.44	17.01	17.14	18.50	
		1	49	17.56	17.61	17.36	18.50	
		25	0	17.17	17.34	17.12	18.50	
		25	13	17.48	17.10	17.09	18.50	
		25	25	17.23	17.42	17.26	18.50	
		50	0	17.27	17.09	17.21	18.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					132047	132322	132597	
	<b>15MHz</b>	QPSK	1	0	22.46	22.22	22.24	23.50
			1	38	22.14	22.30	22.38	23.50
			1	74	22.40	22.35	22.41	23.50
			36	0	21.09	21.39	21.15	22.50
			36	18	21.12	21.35	21.56	22.50
			36	39	21.40	21.46	21.62	22.50
			75	0	21.44	21.29	21.24	22.50
		16QAM	1	0	21.33	21.82	21.65	22.50
1			38	21.18	21.65	21.69	22.50	
1			74	21.60	21.70	21.51	22.50	
36			0	20.43	20.21	20.12	21.50	
36			18	20.40	20.29	20.26	21.50	
36			39	20.09	20.36	20.26	21.50	
75			0	20.25	20.36	20.33	21.50	
64QAM		1	0	20.28	20.62	20.12	21.50	
		1	38	20.42	20.31	19.98	21.50	
		1	74	20.52	20.78	20.20	21.50	
		36	0	19.31	19.33	19.36	20.50	
		36	18	19.52	19.31	19.32	20.50	



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		36	39	19.30	19.62	19.35	20.50
		75	0	19.29	19.26	19.31	20.50
	256QAM	1	0	17.58	17.41	17.16	18.50
		1	38	17.46	17.17	17.32	18.50
		1	74	17.42	17.54	17.48	18.50
		36	0	17.13	17.41	17.23	18.50
		36	18	17.56	17.09	17.20	18.50
		36	39	17.15	17.38	17.30	18.50
		75	0	17.28	17.17	17.33	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.38	22.22	22.18	23.50
		1	50	22.15	22.27	22.31	23.50
		1	99	22.34	22.41	22.38	23.50
		50	0	21.18	21.42	21.25	22.50
		50	25	21.18	21.33	21.52	22.50
		50	50	21.44	21.45	21.52	22.50
		100	0	21.39	21.36	21.34	22.50
	16QAM	1	0	21.25	21.74	21.64	22.50
		1	50	21.18	21.62	21.64	22.50
		1	99	21.65	21.72	21.50	22.50
		50	0	20.39	20.28	20.22	21.50
		50	25	20.37	20.28	20.22	21.50
		50	50	20.13	20.28	20.20	21.50
		100	0	20.18	20.38	20.32	21.50
	64QAM	1	0	20.20	20.63	20.05	21.50
		1	50	20.48	20.34	20.01	21.50
		1	99	20.49	20.76	20.21	21.50
		50	0	19.28	19.23	19.28	20.50
		50	25	19.44	19.38	19.33	20.50
		50	50	19.37	19.53	19.40	20.50
		100	0	19.22	19.30	19.38	20.50
	256QAM	1	0	17.59	17.35	17.15	18.50
		1	50	17.53	17.09	17.23	18.50
		1	99	17.49	17.55	17.45	18.50
		50	0	17.15	17.42	17.19	18.50
		50	25	17.51	17.13	17.14	18.50
		50	50	17.20	17.42	17.26	18.50
		100	0	17.31	17.19	17.30	18.50



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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	19.50	19.41	19.31	20.50
		1	2	19.42	19.35	19.39	20.50
		1	5	19.47	19.38	19.43	20.50
		3	0	19.39	19.23	19.36	20.50
		3	1	19.47	19.36	19.44	20.50
		3	3	19.37	19.37	19.40	20.50
	16QAM	6	0	19.51	19.35	19.35	20.50
		1	0	19.77	19.42	19.45	20.50
		1	2	19.67	19.68	19.58	20.50
		1	5	19.82	19.53	19.48	20.50
		3	0	19.52	19.41	19.25	20.50
		3	1	19.62	19.51	19.40	20.50
	64QAM	3	3	19.49	19.36	19.31	20.50
		6	0	19.38	19.33	19.28	20.50
		1	0	19.54	19.38	19.20	20.50
		1	2	19.58	19.63	19.28	20.50
		1	5	19.85	19.53	19.36	20.50
		3	0	19.47	19.43	19.26	20.50
	256QAM	3	1	19.45	19.37	19.27	20.50
		3	3	19.60	19.48	19.50	20.50
		6	0	19.42	19.52	19.39	20.50
		1	0	17.38	17.29	17.18	18.50
		1	2	17.29	17.24	17.35	18.50
		1	5	17.47	17.37	17.20	18.50
3MHz	QPSK	3	0	17.29	17.10	17.18	18.50
		3	1	17.26	17.33	17.07	18.50
		3	3	17.37	17.12	17.09	18.50
		6	0	17.31	17.06	17.18	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.30	19.46	19.35	20.50
		1	7	19.48	19.34	19.25	20.50
		1	14	19.47	19.42	19.42	20.50
		8	0	19.46	19.38	19.39	20.50



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		8	4	19.52	19.47	19.43	20.50	
		8	7	19.55	19.40	19.49	20.50	
		15	0	19.54	19.46	19.31	20.50	
	16QAM	1	0	19.78	19.35	19.50	20.50	
		1	7	19.66	19.55	19.47	20.50	
		1	14	19.85	19.54	19.41	20.50	
		8	0	19.44	19.48	19.24	20.50	
		8	4	19.45	19.41	19.32	20.50	
		8	7	19.52	19.46	19.35	20.50	
		15	0	19.46	19.36	19.31	20.50	
	64QAM	1	0	19.65	19.52	19.33	20.50	
		1	7	19.58	19.62	19.43	20.50	
		1	14	19.70	19.51	19.31	20.50	
		8	0	19.49	19.44	19.41	20.50	
		8	4	19.48	19.40	19.42	20.50	
		8	7	19.52	19.52	19.49	20.50	
		15	0	19.39	19.44	19.47	20.50	
	256QAM	1	0	17.44	17.17	17.06	18.50	
		1	7	17.39	17.29	17.36	18.50	
		1	14	17.47	17.43	17.24	18.50	
		8	0	17.26	17.16	17.14	18.50	
		8	4	17.32	17.24	17.20	18.50	
		8	7	17.22	17.23	17.21	18.50	
		15	0	17.33	17.18	17.02	18.50	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
	<b>5MHz</b>	QPSK	1	0	19.39	19.29	19.37	20.50
			1	13	19.31	19.46	19.33	20.50
1			24	19.36	19.46	19.52	20.50	
12			0	19.47	19.41	19.45	20.50	
12			6	19.39	19.35	19.56	20.50	
12			13	19.41	19.33	19.35	20.50	
25			0	19.41	19.40	19.45	20.50	
16QAM		1	0	19.81	19.44	19.35	20.50	
		1	13	19.81	19.74	19.46	20.50	
		1	24	19.85	19.56	19.44	20.50	
		12	0	19.50	19.39	19.23	20.50	
		12	6	19.51	19.47	19.43	20.50	
		12	13	19.55	19.41	19.24	20.50	



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		25	0	19.52	19.49	19.31	20.50
	64QAM	1	0	19.60	19.55	19.30	20.50
		1	13	19.64	19.44	19.43	20.50
		1	24	19.73	19.45	19.47	20.50
		12	0	19.53	19.39	19.28	20.50
		12	6	19.47	19.42	19.41	20.50
		12	13	19.50	19.50	19.43	20.50
		25	0	19.36	19.42	19.45	20.50
	256QAM	1	0	17.31	17.28	17.01	18.50
		1	13	17.29	17.15	17.35	18.50
		1	24	17.43	17.46	17.21	18.50
		12	0	17.22	17.24	17.00	18.50
		12	6	17.30	17.31	17.10	18.50
		12	13	17.37	17.21	17.19	18.50
		25	0	17.15	17.16	17.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.47	19.40	19.37	20.50
		1	25	19.32	19.27	19.28	20.50
		1	49	19.37	19.47	19.45	20.50
		25	0	19.51	19.32	19.34	20.50
		25	13	19.51	19.31	19.59	20.50
		25	25	19.54	19.39	19.33	20.50
		50	0	19.51	19.28	19.32	20.50
	16QAM	1	0	19.82	19.46	19.33	20.50
		1	25	19.78	19.69	19.47	20.50
		1	49	19.76	19.57	19.52	20.50
		25	0	19.48	19.44	19.33	20.50
		25	13	19.61	19.52	19.33	20.50
		25	25	19.41	19.54	19.26	20.50
		50	0	19.45	19.39	19.38	20.50
	64QAM	1	0	19.50	19.48	19.20	20.50
		1	25	19.67	19.48	19.41	20.50
		1	49	19.74	19.50	19.31	20.50
		25	0	19.51	19.44	19.38	20.50
		25	13	19.44	19.38	19.37	20.50
		25	25	19.48	19.45	19.30	20.50
		50	0	19.52	19.46	19.28	20.50
	256QAM	1	0	17.43	17.21	16.99	18.50



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		1	25	17.27	17.35	17.42	18.50
		1	49	17.58	17.34	17.17	18.50
		25	0	17.23	17.20	17.16	18.50
		25	13	17.34	17.28	17.23	18.50
		25	25	17.18	17.10	17.11	18.50
		50	0	17.18	17.05	17.15	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.42	19.46	19.27	20.50
		1	38	19.42	19.33	19.36	20.50
		1	74	19.51	19.38	19.38	20.50
		36	0	19.51	19.29	19.48	20.50
		36	18	19.41	19.42	19.45	20.50
		36	39	19.49	19.42	19.48	20.50
		75	0	19.56	19.36	19.33	20.50
	16QAM	1	0	19.82	19.40	19.33	20.50
		1	38	19.83	19.72	19.54	20.50
		1	74	19.67	19.43	19.50	20.50
		36	0	19.40	19.46	19.39	20.50
		36	18	19.47	19.38	19.41	20.50
		36	39	19.60	19.54	19.28	20.50
		75	0	19.46	19.38	19.35	20.50
	64QAM	1	0	19.54	19.49	19.31	20.50
		1	38	19.69	19.58	19.35	20.50
		1	74	19.75	19.55	19.47	20.50
		36	0	19.33	19.31	19.44	20.50
		36	18	19.63	19.41	19.39	20.50
		36	39	19.57	19.49	19.50	20.50
		75	0	19.47	19.36	19.29	20.50
	256QAM	1	0	17.29	17.24	17.08	18.50
		1	38	17.41	17.29	17.24	18.50
		1	74	17.58	17.44	17.23	18.50
		36	0	17.28	17.21	17.07	18.50
		36	18	17.30	17.18	17.09	18.50
		36	39	17.20	17.18	17.21	18.50
		75	0	17.28	17.14	17.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.40	19.36	19.31	20.50



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		1	50	19.38	19.37	19.33	20.50
		1	99	19.42	19.39	19.43	20.50
		50	0	19.44	19.33	19.38	20.50
		50	25	19.47	19.40	19.50	20.50
		50	50	19.45	19.37	19.39	20.50
		100	0	19.46	19.36	19.36	20.50
	16QAM	1	0	19.72	19.44	19.43	20.50
		1	50	19.76	19.65	19.53	20.50
		1	99	19.75	19.52	19.46	20.50
		50	0	19.45	19.38	19.31	20.50
		50	25	19.52	19.48	19.35	20.50
		50	50	19.51	19.44	19.33	20.50
	64QAM	100	0	19.47	19.43	19.30	20.50
		1	0	19.55	19.46	19.29	20.50
		1	50	19.65	19.54	19.38	20.50
		1	99	19.78	19.46	19.40	20.50
		50	0	19.43	19.37	19.35	20.50
		50	25	19.54	19.47	19.34	20.50
256QAM	50	50	19.52	19.45	19.40	20.50	
	100	0	19.45	19.42	19.38	20.50	
	1	0	17.36	17.21	17.09	18.50	
	1	50	17.35	17.25	17.34	18.50	
	1	99	17.53	17.36	17.23	18.50	
	50	0	17.21	17.18	17.09	18.50	
	50	25	17.26	17.24	17.14	18.50	
	50	50	17.28	17.15	17.13	18.50	
	100	0	17.23	17.14	17.10	18.50	

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	14.87	14.96	14.78	16.00
		1	2	14.79	14.95	14.85	16.00
		1	5	15.01	15.02	14.88	16.00
		3	0	14.99	14.87	14.89	16.00
		3	1	15.06	15.05	14.94	16.00
		3	3	14.96	14.99	15.01	16.00
		6	0	14.93	15.02	14.76	16.00



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	16QAM	1	0	15.17	15.03	14.94	16.00
		1	2	15.38	15.10	14.90	16.00
		1	5	15.16	15.02	14.94	16.00
		3	0	14.96	15.07	14.91	16.00
		3	1	14.95	14.98	14.86	16.00
		3	3	15.08	15.02	14.85	16.00
		6	0	14.98	14.85	14.78	16.00
	64QAM	1	0	15.10	14.97	14.95	16.00
		1	2	15.02	14.80	14.86	16.00
		1	5	15.19	15.01	14.89	16.00
		3	0	15.00	14.78	14.79	16.00
		3	1	15.10	15.06	14.91	16.00
		3	3	15.10	14.97	14.88	16.00
		6	0	15.07	14.99	14.87	16.00
	256QAM	1	0	14.68	15.10	14.88	16.00
		1	2	14.99	15.17	15.09	16.00
		1	5	15.00	14.83	14.81	16.00
		3	0	14.87	14.84	14.85	16.00
		3	1	15.07	15.05	14.85	16.00
		3	3	14.96	15.01	14.79	16.00
		6	0	14.81	14.92	14.77	16.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				131987	132322	132657	
<b>3MHz</b>	QPSK	1	0	14.89	15.01	14.85	16.00
		1	7	14.80	14.92	14.98	16.00
		1	14	14.95	14.82	15.00	16.00
		8	0	14.87	14.87	14.92	16.00
		8	4	14.93	14.89	15.05	16.00
		8	7	14.92	14.95	14.86	16.00
		15	0	14.96	14.88	14.91	16.00
	16QAM	1	0	15.11	15.00	14.88	16.00
		1	7	15.23	15.06	15.04	16.00
		1	14	15.32	15.04	15.06	16.00
		8	0	14.87	14.96	14.82	16.00
		8	4	14.93	15.04	14.92	16.00
		8	7	15.04	14.95	14.94	16.00
		15	0	14.97	14.87	14.84	16.00
	64QAM	1	0	15.06	14.89	14.96	16.00
		1	7	14.95	14.82	14.91	16.00



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		1	14	15.24	15.01	15.02	16.00		
		8	0	15.00	14.85	14.83	16.00		
		8	4	15.13	15.01	14.93	16.00		
		8	7	15.09	15.00	14.81	16.00		
		15	0	15.08	14.99	14.86	16.00		
		256QAM	1	0	14.80	14.94	14.90	16.00	
			1	7	14.98	15.16	15.13	16.00	
			1	14	15.07	14.98	14.74	16.00	
			8	0	14.95	14.82	14.90	16.00	
			8	4	15.11	14.94	15.00	16.00	
			8	7	14.95	15.04	14.79	16.00	
		15	0	14.83	14.91	14.71	16.00		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						131997	132322	132647	
		5MHz	QPSK	1	0	14.80	14.94	14.79	16.00
1	13			14.82	14.86	14.85	16.00		
1	24			14.97	14.98	15.05	16.00		
12	0			15.05	14.95	14.92	16.00		
12	6			15.06	15.02	14.97	16.00		
12	13			15.00	15.04	14.83	16.00		
25	0			14.97	14.90	14.93	16.00		
16QAM	1		0	15.06	15.09	14.77	16.00		
	1		13	15.26	15.01	14.91	16.00		
	1		24	15.27	15.09	15.04	16.00		
	12		0	14.84	14.97	14.84	16.00		
	12		6	14.95	15.06	14.78	16.00		
	12		13	14.94	15.05	14.80	16.00		
	25		0	15.09	14.98	14.91	16.00		
64QAM	1		0	15.15	14.96	14.83	16.00		
	1		13	14.95	14.81	15.03	16.00		
	1		24	15.24	14.85	14.92	16.00		
	12		0	14.90	14.93	14.84	16.00		
	12		6	15.02	14.96	14.87	16.00		
	12		13	15.07	14.97	14.84	16.00		
	25		0	15.04	15.07	14.90	16.00		
256QAM	1		0	14.78	15.01	14.86	16.00		
	1		13	15.01	15.02	15.06	16.00		
	1		24	15.06	14.90	14.88	16.00		
	12		0	14.97	14.92	14.76	16.00		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz		12	6	15.11	15.05	14.91	16.00	
		12	13	14.98	14.87	14.77	16.00	
		25	0	14.84	14.86	14.74	16.00	
	QPSK	1	0	14.85	14.84	14.77	16.00	
		1	25	14.98	14.92	14.80	16.00	
		1	49	14.89	14.85	14.98	16.00	
		25	0	15.00	14.93	14.82	16.00	
		25	13	15.07	15.05	15.02	16.00	
		25	25	14.89	14.89	14.85	16.00	
		50	0	14.91	15.02	14.83	16.00	
		16QAM	1	0	15.17	15.13	14.85	16.00
			1	25	15.30	15.12	15.10	16.00
			1	49	15.14	15.14	15.03	16.00
			25	0	14.82	14.91	14.89	16.00
			25	13	15.00	14.95	14.82	16.00
			25	25	15.01	15.00	14.92	16.00
			50	0	14.90	14.90	14.93	16.00
		64QAM	1	0	14.96	14.96	14.91	16.00
			1	25	15.03	14.91	14.90	16.00
			1	49	15.13	14.91	14.91	16.00
			25	0	14.87	14.81	14.77	16.00
			25	13	14.98	15.00	14.90	16.00
			25	25	15.02	15.05	14.98	16.00
			50	0	14.94	14.88	14.81	16.00
	256QAM	1	0	14.68	15.05	14.93	16.00	
		1	25	15.16	15.11	14.99	16.00	
		1	49	15.17	14.93	14.83	16.00	
		25	0	14.91	14.91	14.80	16.00	
25		13	15.10	14.96	14.85	16.00		
25		25	15.07	14.90	14.89	16.00		
50		0	14.91	15.02	14.83	16.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	14.79	14.93	14.76	16.00	
		1	38	14.79	14.93	14.97	16.00	
		1	74	15.02	14.87	14.97	16.00	
		36	0	14.86	15.01	14.89	16.00	



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		36	18	14.93	15.04	14.96	16.00	
		36	39	14.96	14.91	14.95	16.00	
		75	0	14.93	15.05	14.79	16.00	
	16QAM	1	0	15.20	15.09	14.75	16.00	
		1	38	15.23	15.12	15.10	16.00	
		1	74	15.21	15.21	14.93	16.00	
		36	0	14.95	14.90	14.94	16.00	
		36	18	15.02	14.98	14.82	16.00	
		36	39	15.08	14.88	14.87	16.00	
		75	0	14.99	14.89	14.76	16.00	
	64QAM	1	0	15.08	14.88	14.86	16.00	
		1	38	14.97	14.96	15.01	16.00	
		1	74	15.23	14.89	14.97	16.00	
		36	0	15.00	14.73	14.80	16.00	
		36	18	15.06	14.97	14.84	16.00	
		36	39	15.01	14.92	14.89	16.00	
		75	0	15.08	14.98	14.75	16.00	
	256QAM	1	0	14.82	14.99	15.03	16.00	
		1	38	15.13	15.13	14.96	16.00	
		1	74	15.19	14.98	14.85	16.00	
		36	0	14.79	14.82	14.93	16.00	
		36	18	15.05	14.92	15.00	16.00	
		36	39	15.05	14.92	14.92	16.00	
		75	0	14.84	14.88	14.70	16.00	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	<b>20MHz</b>	QPSK	1	0	14.88	14.93	14.76	16.00
			1	50	14.89	14.94	14.88	16.00
1			99	14.95	14.92	14.96	16.00	
50			0	14.95	14.92	14.86	16.00	
50			25	14.98	14.98	15.01	16.00	
50			50	14.96	14.99	14.91	16.00	
100			0	15.01	14.95	14.85	16.00	
16QAM		1	0	15.12	15.07	14.85	16.00	
		1	50	15.30	15.03	15.00	16.00	
		1	99	15.23	15.11	14.96	16.00	
		50	0	14.87	14.97	14.87	16.00	
		50	25	15.00	14.98	14.87	16.00	
		50	50	15.03	14.95	14.90	16.00	



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		100	0	14.99	14.95	14.85	16.00
64QAM		1	0	15.05	14.87	14.86	16.00
		1	50	15.04	14.87	14.95	16.00
		1	99	15.14	14.95	14.93	16.00
		50	0	14.95	14.83	14.84	16.00
		50	25	15.04	14.97	14.90	16.00
		50	50	15.03	14.95	14.88	16.00
		100	0	14.98	14.97	14.85	16.00
256QAM		1	0	14.75	15.04	14.93	16.00
		1	50	15.07	15.09	15.03	16.00
		1	99	15.09	14.88	14.83	16.00
		50	0	14.88	14.88	14.85	16.00
		50	25	15.02	14.97	14.90	16.00
		50	50	15.03	14.96	14.84	16.00
		100	0	14.90	14.92	14.79	16.00

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	18.28	18.13	18.09	19.50	
		1	2	18.20	18.22	18.17	19.50	
		1	5	18.26	18.23	18.17	19.50	
		3	0	18.21	18.17	18.20	19.50	
		3	1	18.33	18.22	18.15	19.50	
		3	3	18.36	18.15	18.27	19.50	
	16QAM	1	0	18.59	18.22	18.20	19.50	
		1	2	18.56	18.42	18.41	19.50	
		1	5	18.62	18.34	18.24	19.50	
		3	0	18.22	18.21	18.18	19.50	
		3	1	18.35	18.34	18.15	19.50	
		3	3	18.34	18.32	18.17	19.50	
	64QAM	6	0	18.25	18.29	18.13	19.50	
		1	0	18.31	18.30	18.12	19.50	
		1	2	18.42	18.34	18.19	19.50	
		1	5	18.56	18.26	18.22	19.50	
		3	0	18.20	18.15	18.17	19.50	
			3	1	18.31	18.24	18.20	19.50



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	256QAM	3	3	18.37	18.21	18.24	19.50
		6	0	18.24	18.30	18.18	19.50
		1	0	17.41	17.25	17.07	18.50
		1	2	17.41	17.24	17.33	18.50
		1	5	17.59	17.36	17.25	18.50
		3	0	17.24	17.28	17.12	18.50
		3	1	17.24	17.34	17.20	18.50
		3	3	17.27	17.24	17.16	18.50
		6	0	17.26	17.19	17.10	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.31	18.24	18.13	19.50
		1	7	18.27	18.16	18.20	19.50
		1	14	18.33	18.18	18.20	19.50
		8	0	18.23	18.20	18.14	19.50
		8	4	18.28	18.21	18.21	19.50
		8	7	18.34	18.19	18.18	19.50
		15	0	18.22	18.17	18.21	19.50
	16QAM	1	0	18.57	18.29	18.20	19.50
		1	7	18.57	18.45	18.36	19.50
		1	14	18.52	18.28	18.34	19.50
		8	0	18.22	18.18	18.16	19.50
		8	4	18.33	18.28	18.22	19.50
		8	7	18.34	18.22	18.16	19.50
		15	0	18.30	18.20	18.06	19.50
	64QAM	1	0	18.31	18.24	18.15	19.50
		1	7	18.52	18.31	18.23	19.50
		1	14	18.64	18.27	18.20	19.50
		8	0	18.25	18.13	18.12	19.50
		8	4	18.32	18.24	18.22	19.50
		8	7	18.40	18.22	18.17	19.50
		15	0	18.22	18.27	18.16	19.50
	256QAM	1	0	17.34	17.24	17.07	18.50
		1	7	17.38	17.32	17.34	18.50
		1	14	17.60	17.44	17.32	18.50
		8	0	17.31	17.24	17.17	18.50
		8	4	17.33	17.23	17.14	18.50
		8	7	17.36	17.21	17.19	18.50
		15	0	17.32	17.17	17.15	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.32	18.16	18.07	19.50
		1	13	18.28	18.24	18.22	19.50
		1	24	18.26	18.23	18.20	19.50
		12	0	18.31	18.17	18.24	19.50
		12	6	18.26	18.17	18.25	19.50
		12	13	18.33	18.14	18.22	19.50
		25	0	18.25	18.14	18.15	19.50
	16QAM	1	0	18.58	18.24	18.21	19.50
		1	13	18.59	18.41	18.35	19.50
		1	24	18.60	18.36	18.32	19.50
		12	0	18.31	18.25	18.08	19.50
		12	6	18.34	18.28	18.19	19.50
		12	13	18.38	18.31	18.09	19.50
		25	0	18.31	18.28	18.15	19.50
	64QAM	1	0	18.38	18.28	18.15	19.50
		1	13	18.47	18.36	18.21	19.50
		1	24	18.59	18.31	18.23	19.50
		12	0	18.28	18.14	18.19	19.50
		12	6	18.36	18.24	18.12	19.50
		12	13	18.30	18.21	18.22	19.50
		25	0	18.23	18.24	18.26	19.50
	256QAM	1	0	17.34	17.31	17.08	18.50
		1	13	17.41	17.27	17.37	18.50
		1	24	17.62	17.34	17.30	18.50
		12	0	17.26	17.19	17.12	18.50
		12	6	17.29	17.32	17.12	18.50
		12	13	17.29	17.25	17.17	18.50
		25	0	17.27	17.19	17.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.20	18.19	18.08	19.50
		1	25	18.21	18.25	18.24	19.50
		1	49	18.35	18.27	18.11	19.50
		25	0	18.25	18.15	18.17	19.50
		25	13	18.36	18.16	18.19	19.50
		25	25	18.34	18.21	18.15	19.50
		50	0	18.22	18.19	18.14	19.50
						132022	132322



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	16QAM	1	0	18.54	18.23	18.29	19.50
		1	25	18.56	18.45	18.33	19.50
		1	49	18.60	18.36	18.27	19.50
		25	0	18.21	18.18	18.17	19.50
		25	13	18.35	18.36	18.14	19.50
		25	25	18.34	18.22	18.10	19.50
		50	0	18.28	18.29	18.16	19.50
	64QAM	1	0	18.39	18.34	18.10	19.50
		1	25	18.52	18.40	18.18	19.50
		1	49	18.60	18.30	18.26	19.50
		25	0	18.22	18.16	18.22	19.50
		25	13	18.40	18.26	18.12	19.50
		25	25	18.34	18.22	18.18	19.50
		50	0	18.33	18.30	18.16	19.50
	256QAM	1	0	17.42	17.24	17.18	18.50
		1	25	17.34	17.24	17.40	18.50
		1	49	17.58	17.42	17.30	18.50
		25	0	17.31	17.17	17.15	18.50
		25	13	17.26	17.22	17.20	18.50
		25	25	17.35	17.20	17.12	18.50
		50	0	17.29	17.20	17.16	18.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				132047	132322	132597	
<b>15MHz</b>	QPSK	1	0	18.20	18.12	18.12	19.50
		1	38	18.18	18.21	18.19	19.50
		1	74	18.29	18.25	18.17	19.50
		36	0	18.32	18.11	18.25	19.50
		36	18	18.38	18.23	18.17	19.50
		36	39	18.28	18.25	18.17	19.50
		75	0	18.30	18.21	18.23	19.50
	16QAM	1	0	18.54	18.30	18.23	19.50
		1	38	18.56	18.41	18.30	19.50
		1	74	18.57	18.37	18.23	19.50
		36	0	18.31	18.16	18.15	19.50
		36	18	18.29	18.32	18.19	19.50
		36	39	18.36	18.23	18.20	19.50
		75	0	18.24	18.22	18.10	19.50
	64QAM	1	0	18.31	18.34	18.14	19.50
		1	38	18.41	18.36	18.19	19.50



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		1	74	18.54	18.24	18.17	19.50		
		36	0	18.27	18.16	18.14	19.50		
		36	18	18.39	18.24	18.12	19.50		
		36	39	18.31	18.25	18.25	19.50		
		75	0	18.25	18.24	18.16	19.50		
		256QAM	1	0	17.36	17.24	17.18	18.50	
			1	38	17.33	17.26	17.37	18.50	
			1	74	17.63	17.41	17.27	18.50	
			36	0	17.22	17.28	17.08	18.50	
			36	18	17.33	17.33	17.14	18.50	
			36	39	17.33	17.17	17.21	18.50	
			75	0	17.31	17.16	17.13	18.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						132072	132322	132572	
20MHz	QPSK	1	0	18.18	18.14	18.09	19.50		
		1	50	18.16	18.15	18.11	19.50		
		1	99	18.20	18.17	18.21	19.50		
		50	0	18.22	18.11	18.16	19.50		
		50	25	18.25	18.18	18.28	19.50		
		50	50	18.23	18.15	18.17	19.50		
		100	0	18.24	18.14	18.14	19.50		
	16QAM	1	0	18.50	18.22	18.21	19.50		
		1	50	18.54	18.43	18.31	19.50		
		1	99	18.53	18.30	18.24	19.50		
		50	0	18.23	18.16	18.09	19.50		
		50	25	18.30	18.26	18.13	19.50		
		50	50	18.29	18.22	18.11	19.50		
		100	0	18.25	18.21	18.08	19.50		
	64QAM	1	0	18.33	18.24	18.07	19.50		
		1	50	18.43	18.32	18.16	19.50		
		1	99	18.56	18.24	18.18	19.50		
		50	0	18.21	18.15	18.13	19.50		
		50	25	18.32	18.25	18.12	19.50		
		50	50	18.30	18.23	18.18	19.50		
		100	0	18.23	18.20	18.16	19.50		
	256QAM	1	0	17.36	17.21	17.09	18.50		
		1	50	17.35	17.25	17.34	18.50		
		1	99	17.53	17.36	17.23	18.50		
		50	0	17.21	17.18	17.09	18.50		



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		50	25	17.26	17.24	17.14	18.50
		50	50	17.28	17.15	17.13	18.50
		100	0	17.23	17.14	17.10	18.50

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	22.70	22.62	22.70	23.50
		1	13	22.67	22.60	22.64	23.50
		1	24	22.38	22.59	22.50	23.50
		12	0	21.80	21.76	21.85	22.50
		12	6	21.81	21.76	21.66	22.50
		12	13	21.76	21.72	21.63	22.50
		25	0	21.72	21.77	21.73	22.50
	16QAM	1	0	21.99	21.28	21.82	22.50
		1	13	21.94	21.80	21.65	22.50
		1	24	21.85	21.74	21.60	22.50
		12	0	20.87	20.72	20.83	21.50
		12	6	20.75	20.81	20.68	21.50
		12	13	20.87	20.63	20.64	21.50
		25	0	20.83	20.67	20.74	21.50
	64QAM	1	0	20.46	20.22	20.30	21.50
		1	13	20.46	20.43	20.16	21.50
		1	24	20.49	20.22	20.41	21.50
		12	0	19.60	19.74	19.65	20.50
		12	6	19.54	19.66	19.73	20.50
		12	13	19.57	19.55	19.60	20.50
		25	0	19.83	19.65	19.63	20.50
	256QAM	1	0	17.54	17.70	17.62	18.50
		1	13	17.48	17.56	17.57	18.50
		1	24	17.53	17.46	17.40	18.50
		12	0	17.81	17.90	17.81	18.50
		12	6	17.88	17.72	17.78	18.50
		12	13	17.69	17.86	17.79	18.50
		25	0	17.70	17.86	17.75	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.83	22.61	22.60	23.50



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		1	25	22.76	22.45	22.55	23.50	
		1	49	22.39	22.59	22.43	23.50	
		25	0	21.81	21.74	21.80	22.50	
		25	13	21.83	21.70	21.67	22.50	
		25	25	21.81	21.64	21.68	22.50	
		50	0	21.74	21.86	21.72	22.50	
	16QAM	1	0	21.99	21.39	21.70	22.50	
		1	25	21.91	21.70	21.65	22.50	
		1	49	21.95	21.63	21.68	22.50	
		25	0	20.70	20.80	20.77	21.50	
		25	13	20.76	20.89	20.81	21.50	
		25	25	20.88	20.67	20.63	21.50	
	64QAM	50	0	20.73	20.76	20.79	21.50	
		1	0	20.38	20.38	20.31	21.50	
		1	25	20.32	20.26	20.23	21.50	
		1	49	20.33	20.19	20.36	21.50	
		25	0	19.71	19.69	19.74	20.50	
		25	13	19.61	19.75	19.66	20.50	
	256QAM	25	25	19.55	19.51	19.68	20.50	
		50	0	19.84	19.47	19.55	20.50	
		1	0	17.54	17.51	17.63	18.50	
		1	25	17.52	17.51	17.48	18.50	
		1	49	17.48	17.49	17.46	18.50	
		25	0	17.77	17.92	17.79	18.50	
	15MHz	25	13	17.85	17.80	17.69	18.50	
		25	25	17.71	17.86	17.61	18.50	
		50	0	17.72	17.81	17.68	18.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
15MHz		QPSK	1	0	22.64	22.76	22.65	23.50
	1		38	22.75	22.64	22.61	23.50	
	1		74	22.46	22.58	22.58	23.50	
	36		0	21.69	21.74	21.77	22.50	
	36		18	21.70	21.69	21.67	22.50	
	36		39	21.72	21.69	21.57	22.50	
	16QAM	75	0	21.75	21.82	21.76	22.50	
		1	0	21.94	21.35	21.76	22.50	
		1	38	22.00	21.69	21.63	22.50	
		1	74	22.00	21.76	21.65	22.50	



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		36	0	20.84	20.78	20.77	21.50	
		36	18	20.75	20.77	20.76	21.50	
		36	39	20.84	20.68	20.52	21.50	
		75	0	20.76	20.86	20.67	21.50	
	64QAM	1	0	20.37	20.23	20.25	21.50	
		1	38	20.41	20.30	20.18	21.50	
		1	74	20.33	20.35	20.38	21.50	
		36	0	19.72	19.58	19.80	20.50	
		36	18	19.64	19.69	19.75	20.50	
		36	39	19.61	19.60	19.64	20.50	
		75	0	19.70	19.52	19.51	20.50	
	256QAM	1	0	17.69	17.66	17.69	18.50	
		1	38	17.54	17.59	17.54	18.50	
		1	74	17.58	17.61	17.43	18.50	
		36	0	17.76	17.90	17.88	18.50	
		36	18	17.88	17.76	17.84	18.50	
		36	39	17.71	17.79	17.68	18.50	
		75	0	17.71	17.82	17.67	18.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					37850	38000	38150	
	<b>20MHz</b>	QPSK	1	0	22.74	22.71	22.66	23.50
1			50	22.69	22.54	22.55	23.50	
1			99	22.48	22.51	22.52	23.50	
50			0	21.77	21.81	21.75	22.50	
50			25	21.77	21.78	21.73	22.50	
50			50	21.76	21.69	21.67	22.50	
100			0	21.76	21.76	21.71	22.50	
16QAM		1	0	21.97	21.38	21.77	22.50	
		1	50	21.93	21.72	21.66	22.50	
		1	99	21.94	21.73	21.63	22.50	
		50	0	20.79	20.82	20.76	21.50	
		50	25	20.80	20.79	20.75	21.50	
		50	50	20.79	20.70	20.60	21.50	
		100	0	20.77	20.77	20.73	21.50	
64QAM		1	0	20.46	20.30	20.35	21.50	
		1	50	20.40	20.36	20.26	21.50	
		1	99	20.39	20.29	20.31	21.50	
		50	0	19.62	19.67	19.75	20.50	
		50	25	19.63	19.70	19.72	20.50	



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256QAM	50	50	19.58	19.61	19.68	20.50
	100	0	19.78	19.55	19.61	20.50
	1	0	17.64	17.61	17.61	18.50
	1	50	17.57	17.55	17.53	18.50
	1	99	17.58	17.53	17.46	18.50
	50	0	17.85	17.84	17.81	18.50
	50	25	17.83	17.81	17.77	18.50
	50	50	17.79	17.79	17.71	18.50
	100	0	17.77	17.77	17.71	18.50

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	16.89	17.00	16.95	18.00
		1	13	16.79	16.89	16.78	18.00
		1	24	16.91	16.67	16.68	18.00
		12	0	16.89	16.94	16.80	18.00
		12	6	17.00	16.89	16.90	18.00
		12	13	16.95	16.80	16.71	18.00
	16QAM	25	0	16.93	16.84	16.73	18.00
		1	0	16.82	16.90	16.99	18.00
		1	13	16.88	16.89	16.87	18.00
		1	24	16.74	16.87	16.80	18.00
		12	0	16.94	16.96	16.92	18.00
		12	6	17.03	17.01	16.86	18.00
	64QAM	12	13	17.04	16.99	16.65	18.00
		25	0	16.91	17.04	16.80	18.00
		1	0	16.57	16.66	16.62	18.00
		1	13	16.63	16.68	16.43	18.00
		1	24	16.49	16.50	16.32	18.00
		12	0	16.99	16.97	16.97	18.00
	256QAM	12	6	17.00	17.10	16.88	18.00
		12	13	16.98	16.88	16.65	18.00
		25	0	16.93	16.92	16.70	18.00
		1	0	16.50	16.86	16.83	18.00
		1	13	16.71	16.84	16.64	18.00
		1	24	16.68	16.58	16.49	18.00
		12	0	16.89	17.13	16.95	18.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz		12	6	17.00	16.98	16.87	18.00	
		12	13	17.02	17.01	16.86	18.00	
		25	0	16.89	17.04	16.75	18.00	
	QPSK	1	0	16.84	16.94	16.97	18.00	
		1	25	16.83	17.07	16.62	18.00	
		1	49	16.92	16.76	16.78	18.00	
		25	0	16.83	17.01	16.85	18.00	
		25	13	16.83	16.85	16.83	18.00	
		25	25	17.01	17.00	16.74	18.00	
		50	0	16.90	17.01	16.70	18.00	
		16QAM	1	0	16.67	16.80	16.91	18.00
			1	25	16.97	17.02	16.88	18.00
			1	49	16.80	16.88	16.81	18.00
			25	0	16.90	17.02	16.77	18.00
			25	13	16.97	16.91	16.88	18.00
			25	25	16.89	16.85	16.69	18.00
			50	0	16.85	16.91	16.73	18.00
		64QAM	1	0	16.36	16.49	16.58	18.00
			1	25	16.61	16.61	16.28	18.00
			1	49	16.39	16.28	16.44	18.00
			25	0	16.78	17.08	16.95	18.00
			25	13	16.88	16.94	16.73	18.00
			25	25	16.92	16.92	16.82	18.00
			50	0	16.87	16.89	16.86	18.00
	256QAM	1	0	16.53	16.80	16.79	18.00	
		1	25	16.89	16.74	16.53	18.00	
		1	49	16.70	16.57	16.59	18.00	
		25	0	16.80	16.94	16.97	18.00	
		25	13	16.96	17.11	16.86	18.00	
		25	25	17.01	16.93	16.81	18.00	
50		0	17.01	17.01	16.77	18.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	16.78	16.90	16.86	18.00	
		1	38	16.89	17.03	16.65	18.00	
		1	74	16.96	16.80	16.68	18.00	
		36	0	16.99	16.85	16.82	18.00	



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		36	18	17.05	16.91	16.68	18.00	
		36	39	16.91	16.91	16.70	18.00	
		75	0	16.88	16.83	16.71	18.00	
	16QAM	1	0	16.69	16.81	16.85	18.00	
		1	38	16.98	17.02	16.85	18.00	
		1	74	16.83	16.88	16.92	18.00	
		36	0	16.95	16.88	16.91	18.00	
		36	18	16.92	16.94	16.84	18.00	
		36	39	17.05	16.90	16.83	18.00	
		75	0	16.97	17.03	16.88	18.00	
	64QAM	1	0	16.49	16.58	16.62	18.00	
		1	38	16.44	16.59	16.29	18.00	
		1	74	16.53	16.31	16.36	18.00	
		36	0	16.82	17.05	16.88	18.00	
		36	18	17.03	16.94	16.68	18.00	
		36	39	16.90	16.97	16.62	18.00	
		75	0	16.87	16.86	16.81	18.00	
	256QAM	1	0	16.55	16.94	16.65	18.00	
		1	38	16.75	16.81	16.64	18.00	
		1	74	16.65	16.74	16.70	18.00	
		36	0	16.84	17.10	16.95	18.00	
		36	18	17.07	16.98	16.85	18.00	
		36	39	16.95	16.90	16.85	18.00	
		75	0	16.86	16.86	16.86	18.00	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
	<b>20MHz</b>	QPSK	1	0	16.90	17.03	16.89	18.00
			1	50	16.93	17.00	16.75	18.00
1			99	16.91	16.79	16.72	18.00	
50			0	16.92	17.00	16.92	18.00	
50			25	16.98	16.99	16.82	18.00	
50			50	17.01	16.92	16.77	18.00	
100			0	16.91	16.96	16.83	18.00	
16QAM		1	0	16.76	16.88	16.92	18.00	
		1	50	17.01	16.97	16.83	18.00	
		1	99	16.85	16.83	16.90	18.00	
		50	0	16.87	17.02	16.90	18.00	
		50	25	17.01	17.00	16.81	18.00	
		50	50	17.01	16.93	16.77	18.00	



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		100	0	16.96	16.98	16.86	18.00
64QAM		1	0	16.49	16.64	16.57	18.00
		1	50	16.57	16.65	16.42	18.00
		1	99	16.53	16.43	16.42	18.00
		50	0	16.93	17.05	16.89	18.00
		50	25	17.01	17.02	16.82	18.00
		50	50	17.03	16.93	16.76	18.00
		100	0	16.95	16.93	16.85	18.00
256QAM		1	0	16.64	16.90	16.80	18.00
		1	50	16.81	16.88	16.65	18.00
		1	99	16.78	16.71	16.63	18.00
		50	0	16.94	17.07	16.96	18.00
		50	25	17.07	17.07	16.87	18.00
		50	50	17.07	16.98	16.82	18.00
		100	0	16.95	16.96	16.88	18.00

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	16.42	16.49	16.44	17.50
		1	13	16.32	16.39	16.22	17.50
		1	24	16.36	16.22	16.15	17.50
		12	0	16.33	16.55	16.26	17.50
		12	6	16.51	16.53	16.19	17.50
		12	13	16.48	16.43	16.27	17.50
		25	0	16.34	16.50	16.29	17.50
	16QAM	1	0	16.28	16.48	16.42	17.50
		1	13	16.51	16.59	16.15	17.50
		1	24	16.29	16.19	16.19	17.50
		12	0	16.43	16.50	16.49	17.50
		12	6	16.40	16.52	16.18	17.50
		12	13	16.39	16.48	16.20	17.50
		25	0	16.45	16.45	16.33	17.50
	64QAM	1	0	16.00	16.31	16.18	17.50
		1	13	16.08	16.20	16.10	17.50
		1	24	16.13	16.08	15.86	17.50
		12	0	16.41	16.52	16.42	17.50
		12	6	16.39	16.46	16.33	17.50



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	256QAM	12	13	16.56	16.36	16.27	17.50
		25	0	16.44	16.46	16.36	17.50
		1	0	16.14	16.33	16.32	17.50
		1	13	16.24	16.38	16.19	17.50
		1	24	16.15	16.07	16.00	17.50
		12	0	16.37	16.60	16.37	17.50
		12	6	16.47	16.60	16.33	17.50
		12	13	16.55	16.39	16.36	17.50
		25	0	16.56	16.34	16.23	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	16.28	16.43	16.38	17.50
		1	25	16.31	16.46	16.12	17.50
		1	49	16.25	16.37	16.33	17.50
		25	0	16.41	16.38	16.47	17.50
		25	13	16.46	16.36	16.35	17.50
		25	25	16.58	16.29	16.16	17.50
		50	0	16.43	16.39	16.36	17.50
	16QAM	1	0	16.31	16.59	16.41	17.50
		1	25	16.30	16.54	16.27	17.50
		1	49	16.29	16.28	16.27	17.50
		25	0	16.32	16.56	16.29	17.50
		25	13	16.48	16.59	16.34	17.50
		25	25	16.54	16.28	16.30	17.50
	64QAM	50	0	16.37	16.57	16.43	17.50
		1	0	16.00	16.22	16.28	17.50
		1	25	16.05	16.34	15.92	17.50
		1	49	16.11	15.97	16.03	17.50
		25	0	16.40	16.48	16.51	17.50
		25	13	16.26	16.51	16.41	17.50
	256QAM	25	25	16.48	16.52	16.15	17.50
		50	0	16.35	16.52	16.38	17.50
		1	0	16.25	16.32	16.32	17.50
		1	25	16.40	16.32	15.99	17.50
		1	49	16.21	16.26	16.13	17.50
		25	0	16.52	16.44	16.36	17.50
		25	13	16.46	16.41	16.22	17.50
	25	25	16.54	16.42	16.41	17.50	
	50	0	16.46	16.42	16.42	17.50	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	16.29	16.59	16.27	17.50	
		1	38	16.31	16.57	16.29	17.50	
		1	74	16.25	16.26	16.19	17.50	
		36	0	16.28	16.38	16.27	17.50	
		36	18	16.45	16.56	16.35	17.50	
		36	39	16.40	16.27	16.26	17.50	
	16QAM	75	0	16.47	16.49	16.29	17.50	
		1	0	16.25	16.65	16.39	17.50	
		1	38	16.44	16.41	16.20	17.50	
		1	74	16.28	16.32	16.32	17.50	
		36	0	16.33	16.51	16.38	17.50	
		36	18	16.47	16.60	16.14	17.50	
	64QAM	36	39	16.51	16.40	16.34	17.50	
		75	0	16.31	16.37	16.42	17.50	
		1	0	16.06	16.26	16.26	17.50	
		1	38	16.06	16.35	16.02	17.50	
		1	74	16.18	16.01	15.95	17.50	
		36	0	16.40	16.58	16.33	17.50	
	256QAM	36	18	16.38	16.46	16.39	17.50	
		36	39	16.49	16.50	16.31	17.50	
		75	0	16.47	16.55	16.26	17.50	
		1	0	16.22	16.40	16.35	17.50	
		1	38	16.32	16.25	16.22	17.50	
		1	74	16.35	16.10	16.08	17.50	
	20MHz	QPSK	36	0	16.48	16.44	16.44	17.50
			36	18	16.47	16.37	16.39	17.50
			36	39	16.49	16.34	16.25	17.50
			75	0	16.51	16.41	16.20	17.50
1			0	16.42	16.53	16.42	17.50	
1			50	16.45	16.50	16.24	17.50	
1			99	16.40	16.33	16.25	17.50	
50	0	16.41	16.52	16.40	17.50			
50	25	16.48	16.49	16.32	17.50			
50	50	16.50	16.40	16.26	17.50			
100	0	16.43	16.44	16.35	17.50			



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	16QAM	1	0	16.33	16.57	16.42	17.50
		1	50	16.43	16.55	16.26	17.50
		1	99	16.43	16.34	16.28	17.50
		50	0	16.42	16.52	16.42	17.50
		50	25	16.50	16.52	16.29	17.50
		50	50	16.54	16.43	16.29	17.50
	64QAM	100	0	16.46	16.49	16.37	17.50
		1	0	16.00	16.32	16.22	17.50
		1	50	16.19	16.28	16.02	17.50
		1	99	16.16	16.04	16.00	17.50
		50	0	16.42	16.57	16.43	17.50
		50	25	16.38	16.49	16.34	17.50
	256QAM	50	50	16.48	16.45	16.29	17.50
		100	0	16.42	16.47	16.32	17.50
		1	0	16.27	16.44	16.31	17.50
		1	50	16.38	16.38	16.14	17.50
		1	99	16.30	16.19	16.13	17.50
		50	0	16.45	16.57	16.45	17.50
	50	25	16.58	16.52	16.37	17.50	
	50	50	16.58	16.46	16.34	17.50	
	100	0	16.48	16.47	16.35	17.50	

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	10.65	10.68	10.74	12.00
		1	13	10.47	10.77	10.36	12.00
		1	24	10.58	10.58	10.53	12.00
		12	0	10.69	10.69	10.53	12.00
		12	6	10.53	10.58	10.53	12.00
		12	13	10.54	10.48	10.44	12.00
	16QAM	25	0	10.64	10.65	10.64	12.00
		1	0	10.70	10.82	10.67	12.00
		1	13	10.66	10.73	10.51	12.00
		1	24	10.80	10.62	10.57	12.00
		12	0	10.56	10.77	10.72	12.00
		12	6	10.76	10.87	10.48	12.00
		12	13	10.62	10.70	10.53	12.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	64QAM	25	0	10.54	10.81	10.47	12.00	
		1	0	10.21	10.59	10.41	12.00	
		1	13	10.31	10.33	10.28	12.00	
		1	24	10.48	10.21	10.20	12.00	
		12	0	10.60	10.92	10.73	12.00	
		12	6	10.75	10.73	10.52	12.00	
		12	13	10.58	10.63	10.54	12.00	
	25	0	10.64	10.63	10.65	12.00		
	256QAM	1	0	10.54	10.62	10.55	12.00	
		1	13	10.47	10.64	10.41	12.00	
		1	24	10.74	10.37	10.32	12.00	
		12	0	10.70	10.79	10.69	12.00	
		12	6	10.80	10.78	10.49	12.00	
		12	13	10.74	10.69	10.48	12.00	
		25	0	10.58	10.81	10.50	12.00	
	QPSK	QPSK	1	0	10.65	10.77	10.67	12.00
			1	25	10.68	10.71	10.49	12.00
			1	49	10.39	10.61	10.48	12.00
			25	0	10.68	10.78	10.69	12.00
			25	13	10.63	10.65	10.48	12.00
			25	25	10.75	10.63	10.35	12.00
			50	0	10.71	10.83	10.59	12.00
		16QAM	1	0	10.73	10.76	10.79	12.00
			1	25	10.72	10.66	10.52	12.00
			1	49	10.70	10.57	10.45	12.00
			25	0	10.70	10.81	10.70	12.00
			25	13	10.72	10.65	10.60	12.00
			25	25	10.60	10.69	10.46	12.00
			50	0	10.72	10.77	10.53	12.00
		64QAM	1	0	10.44	10.50	10.42	12.00
1			25	10.38	10.39	10.17	12.00	
1			49	10.37	10.21	10.12	12.00	
25			0	10.67	10.89	10.68	12.00	
25			13	10.74	10.72	10.60	12.00	
25			25	10.64	10.57	10.58	12.00	
50			0	10.70	10.79	10.58	12.00	
256QAM		1	0	10.52	10.70	10.55	12.00	



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		1	25	10.43	10.61	10.33	12.00
		1	49	10.52	10.43	10.33	12.00
		25	0	10.75	10.75	10.68	12.00
		25	13	10.74	10.78	10.47	12.00
		25	25	10.75	10.57	10.50	12.00
		50	0	10.73	10.77	10.47	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	10.69	10.69	10.60	12.00
		1	38	10.55	10.80	10.55	12.00
		1	74	10.58	10.48	10.41	12.00
		36	0	10.65	10.75	10.50	12.00
		36	18	10.70	10.64	10.61	12.00
		36	39	10.74	10.58	10.36	12.00
		75	0	10.61	10.65	10.49	12.00
	16QAM	1	0	10.71	10.82	10.68	12.00
		1	38	10.65	10.77	10.56	12.00
		1	74	10.83	10.69	10.50	12.00
		36	0	10.71	10.93	10.57	12.00
		36	18	10.62	10.81	10.52	12.00
		36	39	10.62	10.54	10.51	12.00
		75	0	10.56	10.74	10.68	12.00
	64QAM	1	0	10.36	10.46	10.44	12.00
		1	38	10.25	10.37	10.10	12.00
		1	74	10.31	10.26	10.11	12.00
		36	0	10.65	10.74	10.74	12.00
		36	18	10.82	10.80	10.63	12.00
		36	39	10.64	10.63	10.36	12.00
		75	0	10.53	10.80	10.51	12.00
	256QAM	1	0	10.53	10.64	10.54	12.00
		1	38	10.45	10.56	10.35	12.00
		1	74	10.62	10.40	10.46	12.00
		36	0	10.79	10.89	10.72	12.00
		36	18	10.85	10.70	10.51	12.00
		36	39	10.72	10.63	10.53	12.00
		75	0	10.65	10.66	10.66	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	10.66	10.78	10.68	12.00



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		1	50	10.60	10.76	10.47	12.00
		1	99	10.54	10.60	10.49	12.00
		50	0	10.71	10.83	10.64	12.00
		50	25	10.67	10.73	10.53	12.00
		50	50	10.68	10.60	10.50	12.00
		100	0	10.69	10.76	10.57	12.00
	16QAM	1	0	10.73	10.74	10.71	12.00
		1	50	10.72	10.80	10.52	12.00
		1	99	10.84	10.64	10.53	12.00
		50	0	10.67	10.87	10.67	12.00
		50	25	10.73	10.79	10.56	12.00
		50	50	10.71	10.67	10.51	12.00
	64QAM	100	0	10.69	10.80	10.62	12.00
		1	0	10.36	10.54	10.42	12.00
		1	50	10.34	10.48	10.22	12.00
		1	99	10.44	10.26	10.23	12.00
		50	0	10.68	10.88	10.68	12.00
		50	25	10.74	10.79	10.57	12.00
	256QAM	50	50	10.69	10.67	10.51	12.00
		100	0	10.68	10.74	10.58	12.00
		1	0	10.53	10.65	10.57	12.00
1		50	10.54	10.65	10.37	12.00	
1		99	10.67	10.48	10.38	12.00	
50		0	10.72	10.88	10.72	12.00	
	50	25	10.78	10.81	10.60	12.00	
	50	50	10.78	10.71	10.55	12.00	
	100	0	10.71	10.78	10.59	12.00	

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	25.29	25.13	25.36	25.23	24.98	26.50
		1	13	25.29	25.35	25.56	25.26	24.99	26.50
		1	24	25.39	25.35	25.13	25.25	25.19	26.50
		12	0	24.19	24.07	24.57	24.24	24.09	25.50
		12	6	24.07	24.21	24.63	24.14	24.09	25.50
		12	13	24.22	24.24	24.57	24.27	24.31	25.50
		25	0	24.24	24.13	24.41	24.29	23.92	25.50



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	16QAM	1	0	24.08	24.17	24.58	24.35	23.80	25.50
		1	13	24.17	24.36	24.77	24.16	24.25	25.50
		1	24	24.34	24.54	24.32	24.46	24.41	25.50
		12	0	23.05	23.21	23.39	22.98	23.08	24.50
		12	6	23.14	23.15	23.20	23.27	22.93	24.50
		12	13	23.39	23.38	23.38	23.10	23.29	24.50
		25	0	23.00	22.96	23.51	23.11	23.27	24.50
	64QAM	1	0	22.90	22.81	23.07	22.83	22.90	24.50
		1	13	22.81	22.78	22.97	23.00	22.83	24.50
		1	24	22.86	22.61	22.95	23.04	22.85	24.50
		12	0	22.11	22.12	22.36	22.01	21.98	23.50
		12	6	22.23	22.19	22.22	22.14	22.27	23.50
		12	13	22.01	22.20	22.50	22.45	22.18	23.50
		25	0	22.31	22.11	22.43	22.42	22.23	23.50
	256QAM	1	0	20.31	19.89	20.22	20.05	19.70	21.50
		1	13	20.21	19.98	20.17	20.07	19.85	21.50
		1	24	20.17	19.91	20.19	20.14	19.90	21.50
		12	0	20.02	20.07	20.61	19.96	20.28	21.50
		12	6	20.31	20.24	20.54	20.13	20.24	21.50
		12	13	20.50	20.31	20.27	20.31	20.14	21.50
		25	0	20.03	20.16	20.19	20.09	20.11	21.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				39700	40160	40620	41080	41540	
<b>10MHz</b>	QPSK	1	0	25.34	25.12	25.41	25.29	24.92	26.50
		1	25	25.22	25.44	25.52	25.25	25.00	26.50
		1	49	25.40	25.33	25.22	25.24	25.12	26.50
		25	0	24.19	24.16	24.54	24.24	24.10	25.50
		25	13	24.02	24.14	24.60	24.22	24.09	25.50
		25	25	24.15	24.27	24.65	24.24	24.30	25.50
		50	0	24.19	24.15	24.41	24.35	23.98	25.50
	16QAM	1	0	24.04	24.24	24.67	24.39	23.81	25.50
		1	25	24.24	24.37	24.67	24.13	24.17	25.50
		1	49	24.33	24.56	24.23	24.38	24.38	25.50
		25	0	23.08	23.14	23.31	22.91	22.99	24.50
		25	13	23.19	23.19	23.30	23.29	22.86	24.50
		25	25	23.39	23.44	23.46	23.03	23.23	24.50
		50	0	22.94	22.93	23.44	23.14	23.33	24.50
	64QAM	1	0	22.99	22.75	23.08	22.76	22.88	24.50
		1	25	22.78	22.86	23.00	22.92	22.80	24.50



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		1	49	22.92	22.57	22.85	23.08	22.95	24.50		
		25	0	22.13	22.21	22.29	22.06	21.89	23.50		
		25	13	22.33	22.13	22.31	22.05	22.36	23.50		
		25	25	22.04	22.14	22.59	22.51	22.16	23.50		
		50	0	22.31	22.03	22.45	22.51	22.19	23.50		
		256QAM	1	0	20.31	19.90	20.30	19.98	19.63	21.50	
			1	25	20.25	20.04	20.25	20.03	19.93	21.50	
			1	49	20.20	19.98	20.09	20.05	19.92	21.50	
			25	0	19.97	19.99	20.54	19.86	20.33	21.50	
			25	13	20.27	20.18	20.44	20.05	20.20	21.50	
			25	25	20.42	20.34	20.37	20.29	20.16	21.50	
			50	0	19.97	20.10	20.17	20.07	20.02	21.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
						39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	25.19	25.12	25.42	25.26	24.89	26.50		
		1	38	25.29	25.25	25.50	25.21	24.92	26.50		
		1	74	25.32	25.40	25.23	25.20	25.28	26.50		
		36	0	24.27	24.10	24.60	24.33	24.18	25.50		
		36	18	24.03	24.15	24.73	24.19	24.09	25.50		
		36	39	24.31	24.21	24.51	24.35	24.37	25.50		
		75	0	24.21	24.07	24.33	24.24	23.88	25.50		
	16QAM	1	0	24.00	24.10	24.59	24.29	23.78	25.50		
		1	38	24.16	24.42	24.72	24.18	24.19	25.50		
		1	74	24.38	24.63	24.40	24.55	24.49	25.50		
		36	0	23.10	23.14	23.40	22.98	23.08	24.50		
		36	18	23.23	23.08	23.15	23.21	22.98	24.50		
		36	39	23.37	23.45	23.43	23.05	23.27	24.50		
		75	0	23.10	22.92	23.44	23.12	23.32	24.50		
	64QAM	1	0	22.92	22.79	23.08	22.85	22.86	24.50		
		1	38	22.75	22.82	22.87	22.97	22.86	24.50		
		1	74	22.92	22.69	23.02	23.08	22.89	24.50		
		36	0	22.17	22.09	22.26	22.03	21.88	23.50		
		36	18	22.17	22.24	22.19	22.24	22.19	23.50		
		36	39	22.09	22.21	22.40	22.48	22.16	23.50		
		75	0	22.25	22.03	22.53	22.36	22.14	23.50		
	256QAM	1	0	20.40	19.97	20.20	20.03	19.64	21.50		
		1	38	20.26	20.03	20.13	20.13	19.80	21.50		
		1	74	20.24	19.81	20.25	20.15	19.98	21.50		
		36	0	20.04	19.98	20.70	20.04	20.18	21.50		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz		36	18	20.31	20.21	20.62	20.18	20.15	21.50	
		36	39	20.45	20.30	20.34	20.23	20.23	21.50	
		75	0	20.09	20.18	20.26	20.13	20.19	21.50	
	QPSK	1	0	25.34	25.14	25.46	25.16	24.92	26.50	
		1	50	25.31	25.36	25.60	25.20	25.01	26.50	
		1	99	25.32	25.36	25.04	25.25	25.18	26.50	
		50	0	24.17	23.99	24.65	24.23	24.05	25.50	
		50	25	24.10	24.22	24.59	24.11	24.03	25.50	
		50	50	24.20	24.28	24.61	24.28	24.28	25.50	
		100	0	24.32	24.03	24.35	24.36	23.82	25.50	
		16QAM	1	0	24.11	24.24	24.53	24.35	23.80	25.50
			1	50	24.15	24.29	24.75	24.21	24.35	25.50
			1	99	24.32	24.45	24.23	24.40	24.39	25.50
			50	0	22.99	23.15	23.49	23.01	23.02	24.50
			50	25	23.04	23.10	23.21	23.33	22.90	24.50
			50	50	23.44	23.33	23.39	23.17	23.39	24.50
		64QAM	100	0	23.00	23.01	23.52	23.19	23.26	24.50
			1	0	22.92	22.86	23.09	22.77	22.98	24.50
			1	50	22.71	22.76	23.03	22.97	22.90	24.50
			1	99	22.94	22.56	22.94	23.14	22.75	24.50
			50	0	22.06	22.22	22.39	22.11	21.97	23.50
	50		25	22.26	22.11	22.13	22.15	22.21	23.50	
	256QAM	50	50	22.09	22.29	22.48	22.35	22.25	23.50	
		100	0	22.31	22.13	22.45	22.51	22.15	23.50	
		1	0	20.38	19.97	20.12	20.12	19.64	21.50	
		1	50	20.14	20.00	20.26	19.98	19.84	21.50	
		1	99	20.25	19.88	20.28	20.22	19.93	21.50	
		50	0	20.07	20.00	20.62	19.86	20.30	21.50	
		50	25	20.29	20.22	20.51	20.05	20.20	21.50	
	50	50	20.45	20.38	20.32	20.28	20.18	21.50		
100	0	19.94	20.12	20.13	20.08	20.16	21.50			



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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	20.73	20.68	21.03	20.79	20.75	22.00
		1	13	20.71	20.68	20.92	20.85	20.79	22.00
		1	24	20.84	20.70	20.76	20.78	20.89	22.00
		12	0	20.68	20.71	21.05	20.80	20.58	22.00
		12	6	20.71	20.68	20.98	20.82	20.82	22.00
		12	13	20.79	20.66	20.81	20.88	20.72	22.00
		25	0	20.60	20.77	21.02	20.70	20.68	22.00
	16QAM	1	0	20.56	20.67	21.12	20.90	20.67	22.00
		1	13	20.59	20.60	21.03	21.04	20.86	22.00
		1	24	20.64	20.71	20.89	21.09	20.86	22.00
		12	0	20.61	20.68	20.95	20.57	20.58	22.00
		12	6	20.79	20.73	21.00	20.76	20.65	22.00
		12	13	20.77	20.85	20.77	20.69	20.77	22.00
		25	0	20.60	20.78	20.98	20.69	20.83	22.00
	64QAM	1	0	20.74	20.76	21.07	20.76	20.68	22.00
		1	13	20.67	20.69	20.92	20.95	20.77	22.00
		1	24	20.74	20.79	20.81	20.81	20.75	22.00
		12	0	20.61	20.64	20.88	20.62	20.65	22.00
		12	6	20.65	20.59	20.88	20.73	20.77	22.00
		12	13	20.77	20.82	20.91	20.75	20.67	22.00
		25	0	20.65	20.71	20.79	20.70	20.75	22.00
	256QAM	1	0	20.27	20.32	20.58	20.11	20.19	21.50
		1	13	20.22	20.40	20.51	20.15	20.19	21.50
		1	24	20.19	20.39	20.39	20.31	20.39	21.50
		12	0	20.23	20.17	20.52	20.25	20.25	21.50
		12	6	20.40	20.42	20.53	20.38	20.43	21.50
		12	13	20.27	20.33	20.41	20.47	20.45	21.50
		25	0	20.17	20.34	20.41	20.40	20.34	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.65	20.71	21.12	20.71	20.81	22.00
		1	25	20.69	20.62	20.96	20.72	20.73	22.00
		1	49	20.66	20.86	20.76	20.75	20.77	22.00
		25	0	20.54	20.74	20.99	20.62	20.69	22.00



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		25	13	20.64	20.82	20.84	20.81	20.78	22.00	
		25	25	20.78	20.81	20.93	20.83	20.73	22.00	
		50	0	20.75	20.69	20.85	20.72	20.62	22.00	
	16QAM	1	0	20.70	20.65	21.15	20.81	20.81	22.00	
		1	25	20.58	20.61	21.19	20.92	20.90	22.00	
		1	49	20.61	20.83	20.97	20.96	20.95	22.00	
		25	0	20.68	20.67	21.02	20.59	20.61	22.00	
		25	13	20.76	20.73	20.89	20.86	20.76	22.00	
		25	25	20.79	20.78	20.96	20.74	20.73	22.00	
		50	0	20.62	20.79	20.95	20.85	20.84	22.00	
	64QAM	1	0	20.75	20.81	21.06	20.69	20.80	22.00	
		1	25	20.50	20.54	20.92	20.83	20.91	22.00	
		1	49	20.76	20.86	20.81	20.83	20.87	22.00	
		25	0	20.62	20.60	21.08	20.75	20.71	22.00	
		25	13	20.63	20.64	20.86	20.73	20.65	22.00	
		25	25	20.70	20.88	20.88	20.73	20.78	22.00	
		50	0	20.68	20.69	20.92	20.85	20.78	22.00	
	256QAM	1	0	20.33	20.37	20.49	20.10	20.18	21.50	
		1	25	20.15	20.21	20.53	20.24	20.28	21.50	
		1	49	20.18	20.37	20.29	20.50	20.28	21.50	
		25	0	20.14	20.23	20.55	20.29	20.31	21.50	
		25	13	20.31	20.31	20.51	20.38	20.28	21.50	
		25	25	20.32	20.45	20.44	20.36	20.42	21.50	
		50	0	20.33	20.33	20.55	20.48	20.30	21.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					39725	40173	40620	41068	41515	
	<b>15MHz</b>	QPSK	1	0	20.76	20.66	20.92	20.80	20.78	22.00
			1	38	20.62	20.61	20.97	20.71	20.76	22.00
1			74	20.66	20.77	20.86	20.86	20.91	22.00	
36			0	20.63	20.62	20.99	20.60	20.63	22.00	
36			18	20.74	20.69	20.94	20.76	20.79	22.00	
36			39	20.79	20.76	20.82	20.75	20.70	22.00	
75			0	20.62	20.69	20.96	20.79	20.82	22.00	
16QAM		1	0	20.61	20.66	21.11	20.80	20.85	22.00	
		1	38	20.70	20.57	21.12	21.00	20.95	22.00	
		1	74	20.60	20.65	20.86	21.05	20.94	22.00	
		36	0	20.61	20.72	20.99	20.59	20.72	22.00	
		36	18	20.68	20.80	20.91	20.83	20.78	22.00	
		36	39	20.79	20.69	20.85	20.81	20.86	22.00	



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		75	0	20.79	20.69	20.88	20.85	20.83	22.00
	64QAM	1	0	20.74	20.76	21.06	20.71	20.62	22.00
		1	38	20.55	20.64	20.93	20.91	20.85	22.00
		1	74	20.76	20.73	20.71	20.98	20.82	22.00
		36	0	20.70	20.58	20.97	20.63	20.72	22.00
		36	18	20.69	20.70	21.03	20.77	20.79	22.00
		36	39	20.70	20.68	20.95	20.74	20.67	22.00
		75	0	20.75	20.72	20.81	20.80	20.60	22.00
	256QAM	1	0	20.31	20.33	20.40	20.26	20.26	21.50
		1	38	20.15	20.36	20.43	20.31	20.27	21.50
		1	74	20.34	20.26	20.32	20.50	20.40	21.50
		36	0	20.20	20.23	20.66	20.23	20.26	21.50
		36	18	20.23	20.27	20.52	20.46	20.44	21.50
		36	39	20.23	20.48	20.51	20.34	20.43	21.50
		75	0	20.27	20.37	20.46	20.44	20.32	21.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
<b>20MHz</b>	QPSK	1	0	20.74	20.74	21.02	20.80	20.74	22.00
		1	50	20.71	20.71	20.98	20.81	20.78	22.00
		1	99	20.75	20.79	20.81	20.80	20.82	22.00
		50	0	20.64	20.64	20.96	20.70	20.67	22.00
		50	25	20.72	20.73	20.91	20.75	20.73	22.00
		50	50	20.72	20.75	20.84	20.82	20.74	22.00
		100	0	20.70	20.76	20.94	20.72	20.72	22.00
	16QAM	1	0	20.65	20.73	21.10	20.80	20.77	22.00
		1	50	20.66	20.50	21.12	20.98	20.93	22.00
		1	99	20.65	20.74	20.96	21.02	20.92	22.00
		50	0	20.66	20.69	20.98	20.65	20.67	22.00
		50	25	20.73	20.78	20.95	20.81	20.75	22.00
		50	50	20.76	20.76	20.87	20.78	20.78	22.00
		100	0	20.70	20.70	20.95	20.79	20.75	22.00
	64QAM	1	0	20.72	20.79	21.06	20.74	20.72	22.00
		1	50	20.60	20.60	21.00	20.86	20.82	22.00
		1	99	20.74	20.78	20.81	20.89	20.83	22.00
		50	0	20.60	20.61	20.98	20.72	20.67	22.00
		50	25	20.69	20.67	20.95	20.81	20.74	22.00
		50	50	20.71	20.78	20.88	20.78	20.76	22.00
		100	0	20.71	20.77	20.89	20.78	20.69	22.00
	256QAM	1	0	20.24	20.31	20.50	20.17	20.19	21.50



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	1	50	20.20	20.30	20.52	20.24	20.22	21.50
	1	99	20.28	20.32	20.34	20.40	20.32	21.50
	50	0	20.21	20.26	20.57	20.32	20.29	21.50
	50	25	20.30	20.34	20.56	20.36	20.36	21.50
	50	50	20.33	20.38	20.49	20.39	20.37	21.50
	100	0	20.25	20.28	20.49	20.39	20.29	21.50

LTE Band 41 PC2 Eci3/6				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	20.31	20.18	20.42	20.33	20.23	21.50
		1	13	20.25	20.25	20.54	20.22	20.21	21.50
		1	24	20.17	20.39	20.31	20.38	20.42	21.50
		12	0	20.07	20.25	20.46	20.31	20.08	21.50
		12	6	20.10	20.34	20.46	20.19	20.19	21.50
		12	13	20.20	20.24	20.25	20.20	20.17	21.50
	16QAM	25	0	20.11	20.27	20.45	20.36	20.30	21.50
		1	0	20.51	20.49	20.66	20.52	20.45	21.50
		1	13	20.40	20.38	20.64	20.42	20.47	21.50
		1	24	20.49	20.56	20.56	20.50	20.47	21.50
		12	0	20.17	20.05	20.56	20.10	20.12	21.50
		12	6	20.15	20.23	20.56	20.37	20.31	21.50
	64QAM	12	13	20.18	20.16	20.29	20.29	20.23	21.50
		25	0	20.21	20.29	20.38	20.29	20.31	21.50
		1	0	20.16	20.20	20.51	20.33	20.16	21.50
		1	13	20.23	20.32	20.46	20.33	20.31	21.50
		1	24	20.31	20.38	20.23	20.48	20.36	21.50
		12	0	20.21	20.14	20.49	20.17	20.19	21.50
	256QAM	12	6	20.12	20.28	20.53	20.25	20.32	21.50
		12	13	20.32	20.43	20.30	20.22	20.23	21.50
		25	0	20.13	20.17	20.45	20.36	20.13	21.50
		1	0	20.15	20.12	20.54	20.05	20.04	21.50
		1	13	20.21	20.14	20.49	20.25	20.11	21.50
		1	24	20.22	20.27	20.33	20.36	20.29	21.50
	256QAM	12	0	20.07	20.13	20.46	20.24	20.13	21.50
		12	6	20.24	20.43	20.61	20.29	20.23	21.50
		12	13	20.29	20.32	20.48	20.39	20.32	21.50
		25	0	20.16	20.25	20.50	20.24	20.17	21.50



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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	0	20.36	20.16	20.48	20.26	20.24	21.50
		1	25	20.21	20.12	20.53	20.34	20.14	21.50
		1	49	20.28	20.31	20.25	20.43	20.35	21.50
		25	0	20.21	20.21	20.39	20.35	20.23	21.50
		25	13	20.11	20.23	20.48	20.24	20.17	21.50
		25	25	20.23	20.30	20.29	20.21	20.34	21.50
		50	0	20.07	20.21	20.42	20.36	20.11	21.50
	16QAM	1	0	20.45	20.37	20.64	20.37	20.33	21.50
		1	25	20.46	20.38	20.72	20.42	20.34	21.50
		1	49	20.56	20.57	20.51	20.43	20.48	21.50
		25	0	20.13	20.12	20.49	20.24	20.10	21.50
		25	13	20.23	20.28	20.54	20.26	20.29	21.50
		25	25	20.16	20.29	20.29	20.39	20.19	21.50
		50	0	20.13	20.28	20.41	20.38	20.34	21.50
	64QAM	1	0	20.23	20.32	20.43	20.38	20.27	21.50
		1	25	20.20	20.33	20.52	20.33	20.22	21.50
		1	49	20.27	20.26	20.20	20.49	20.34	21.50
		25	0	20.07	20.24	20.56	20.29	20.21	21.50
		25	13	20.15	20.23	20.47	20.43	20.34	21.50
		25	25	20.27	20.42	20.30	20.38	20.30	21.50
		50	0	20.11	20.27	20.32	20.27	20.16	21.50
	256QAM	1	0	20.04	20.30	20.49	20.12	20.12	21.50
		1	25	20.06	20.19	20.48	20.20	20.14	21.50
		1	49	20.25	20.15	20.22	20.27	20.30	21.50
		25	0	20.13	20.17	20.51	20.34	20.15	21.50
		25	13	20.18	20.32	20.45	20.28	20.21	21.50
		25	25	20.25	20.36	20.31	20.47	20.39	21.50
		50	0	20.12	20.28	20.39	20.31	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20.22	20.28	20.46	20.37	20.16	21.50
		1	38	20.23	20.14	20.44	20.24	20.16	21.50
		1	74	20.31	20.39	20.38	20.34	20.28	21.50
		36	0	20.20	20.17	20.44	20.23	20.11	21.50
		36	18	20.16	20.31	20.47	20.22	20.24	21.50
		36	39	20.28	20.35	20.34	20.27	20.34	21.50
		75	0	20.07	20.07	20.46	20.22	20.16	21.50



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	16QAM	1	0	20.48	20.39	20.77	20.47	20.38	21.50
		1	38	20.42	20.39	20.64	20.44	20.36	21.50
		1	74	20.38	20.44	20.60	20.55	20.46	21.50
		36	0	20.13	20.12	20.37	20.15	20.25	21.50
		36	18	20.25	20.11	20.54	20.29	20.18	21.50
		36	39	20.21	20.28	20.42	20.24	20.23	21.50
		75	0	20.17	20.25	20.44	20.30	20.20	21.50
	64QAM	1	0	20.33	20.25	20.44	20.30	20.15	21.50
		1	38	20.14	20.36	20.55	20.36	20.23	21.50
		1	74	20.21	20.28	20.32	20.42	20.43	21.50
		36	0	20.24	20.24	20.41	20.20	20.29	21.50
		36	18	20.13	20.29	20.44	20.29	20.30	21.50
		36	39	20.20	20.29	20.35	20.40	20.24	21.50
		75	0	20.20	20.12	20.42	20.25	20.18	21.50
	256QAM	1	0	20.09	20.13	20.47	20.25	20.14	21.50
		1	38	20.17	20.06	20.51	20.30	20.24	21.50
		1	74	20.10	20.15	20.27	20.41	20.21	21.50
		36	0	20.16	20.17	20.55	20.26	20.24	21.50
		36	18	20.28	20.28	20.47	20.39	20.33	21.50
		36	39	20.35	20.23	20.50	20.45	20.22	21.50
		75	0	20.23	20.17	20.35	20.26	20.11	21.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				39750	40185	40620	41055	41490	
<b>20MHz</b>	QPSK	1	0	20.23	20.23	20.49	20.34	20.24	21.50
		1	50	20.18	20.21	20.48	20.26	20.24	21.50
		1	99	20.47	20.33	20.28	20.41	20.34	21.50
		50	0	20.12	20.18	20.44	20.27	20.17	21.50
		50	25	20.20	20.25	20.42	20.27	20.24	21.50
		50	50	20.21	20.25	20.33	20.29	20.25	21.50
		100	0	20.16	20.17	20.42	20.31	20.21	21.50
	16QAM	1	0	20.41	20.41	20.69	20.45	20.39	21.50
		1	50	20.41	20.45	20.64	20.43	20.42	21.50
		1	99	20.48	20.49	20.50	20.49	20.50	21.50
		50	0	20.12	20.13	20.46	20.19	20.19	21.50
		50	25	20.19	20.21	20.46	20.29	20.24	21.50
		50	50	20.22	20.23	20.38	20.33	20.25	21.50
		100	0	20.22	20.31	20.43	20.34	20.27	21.50
	64QAM	1	0	20.23	20.28	20.48	20.35	20.25	21.50
		1	50	20.20	20.26	20.52	20.34	20.29	21.50



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256QAM	1	99	20.27	20.36	20.30	20.44	20.37	21.50
	50	0	20.14	20.14	20.50	20.23	20.19	21.50
	50	25	20.18	20.23	20.45	20.35	20.25	21.50
	50	50	20.24	20.33	20.39	20.30	20.27	21.50
	100	0	20.17	20.21	20.41	20.28	20.20	21.50
	1	0	20.14	20.20	20.47	20.15	20.12	21.50
	1	50	20.13	20.16	20.46	20.22	20.20	21.50
	1	99	20.20	20.25	20.30	20.32	20.27	21.50
	50	0	20.13	20.22	20.52	20.25	20.22	21.50
	50	25	20.23	20.33	20.51	20.36	20.30	21.50
	50	50	20.28	20.29	20.40	20.38	20.31	21.50
	100	0	20.17	20.24	20.40	20.23	20.21	21.50

LTE Band 41 PC2 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	14.73	14.61	14.98	14.68	14.59	16.00
		1	13	14.67	14.64	15.05	14.79	14.73	16.00
		1	24	14.70	14.67	14.83	14.87	14.85	16.00
		12	0	14.54	14.60	14.87	14.79	14.74	16.00
		12	6	14.71	14.82	15.00	14.83	14.76	16.00
		12	13	14.70	14.80	14.77	14.87	14.79	16.00
		25	0	14.64	14.85	14.99	14.75	14.64	16.00
	16QAM	1	0	14.89	14.88	15.24	14.95	14.91	16.00
		1	13	14.79	15.03	15.13	14.84	15.01	16.00
		1	24	14.96	15.04	14.98	15.07	14.89	16.00
		12	0	14.59	14.59	14.96	14.72	14.67	16.00
		12	6	14.71	14.62	14.95	14.69	14.80	16.00
		12	13	14.69	14.77	14.85	14.81	14.79	16.00
		25	0	14.59	14.69	14.93	14.81	14.74	16.00
	64QAM	1	0	14.68	14.72	14.91	14.81	14.65	16.00
		1	13	14.65	14.66	14.92	14.73	14.78	16.00
		1	24	14.80	14.72	14.82	14.99	14.94	16.00
		12	0	14.53	14.74	14.92	14.81	14.80	16.00
		12	6	14.71	14.67	14.87	14.65	14.75	16.00
		12	13	14.79	14.68	14.84	14.88	14.69	16.00
		25	0	14.68	14.78	14.89	14.72	14.76	16.00
	256QAM	1	0	14.77	14.80	14.87	14.79	14.59	16.00



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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	14.70	14.69	14.91	14.76	14.76	16.00		
		1	24	14.65	14.73	14.79	14.79	14.76	16.00		
		12	0	14.60	14.64	14.99	14.81	14.82	16.00		
		12	6	14.83	14.78	14.96	14.72	14.70	16.00		
		12	13	14.79	14.82	14.85	14.94	14.87	16.00		
		25	0	14.71	14.64	14.99	14.72	14.72	16.00		
	16QAM	QPSK	1	0	14.73	14.78	15.00	14.62	14.72	16.00	
			1	25	14.68	14.74	15.02	14.67	14.82	16.00	
			1	49	14.71	14.66	14.78	14.70	14.69	16.00	
			25	0	14.63	14.72	15.04	14.66	14.72	16.00	
			25	13	14.77	14.81	14.96	14.80	14.76	16.00	
			25	25	14.77	14.70	14.87	14.70	14.81	16.00	
		16QAM	16QAM	50	0	14.61	14.82	14.85	14.77	14.61	16.00
				1	0	14.81	14.89	15.21	15.02	14.93	16.00
				1	25	14.98	14.95	15.13	15.01	14.95	16.00
				1	49	14.98	15.00	14.96	15.09	14.98	16.00
				25	0	14.55	14.67	14.89	14.63	14.61	16.00
				25	13	14.63	14.62	14.90	14.70	14.74	16.00
	64QAM	64QAM	25	25	14.69	14.82	14.87	14.77	14.85	16.00	
			50	0	14.78	14.63	14.89	14.74	14.73	16.00	
			1	0	14.84	14.82	14.93	14.64	14.75	16.00	
			1	25	14.79	14.71	15.00	14.80	14.72	16.00	
			1	49	14.83	14.69	14.69	14.96	14.74	16.00	
			25	0	14.54	14.66	15.07	14.70	14.76	16.00	
			25	13	14.63	14.61	14.99	14.81	14.80	16.00	
			25	25	14.82	14.69	14.96	14.75	14.74	16.00	
	256QAM	256QAM	50	0	14.59	14.76	14.89	14.75	14.74	16.00	
			1	0	14.60	14.81	14.91	14.74	14.62	16.00	
1			25	14.60	14.74	14.87	14.81	14.76	16.00		
1			49	14.78	14.87	14.79	14.75	14.78	16.00		
25			0	14.58	14.63	15.01	14.79	14.83	16.00		
25			13	14.67	14.91	14.93	14.68	14.84	16.00		
25			25	14.74	14.91	14.79	14.82	14.84	16.00		
50			0	14.77	14.73	15.00	14.72	14.84	16.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
15MHz	QPSK	1	0	39725	40173	40620	41068	41515	16.00		
15MHz	QPSK	1	0	14.71	14.58	14.97	14.65	14.76	16.00		



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		1	38	14.59	14.55	15.02	14.78	14.68	16.00
		1	74	14.84	14.67	14.80	14.79	14.84	16.00
		36	0	14.68	14.73	14.97	14.82	14.67	16.00
		36	18	14.78	14.81	14.89	14.70	14.77	16.00
		36	39	14.75	14.67	14.93	14.70	14.75	16.00
		75	0	14.64	14.75	14.99	14.66	14.81	16.00
	16QAM	1	0	14.97	15.03	15.21	14.90	14.76	16.00
		1	38	14.83	14.88	15.18	14.94	14.94	16.00
		1	74	15.03	15.13	14.92	15.02	14.97	16.00
		36	0	14.68	14.57	15.02	14.67	14.60	16.00
		36	18	14.71	14.69	14.89	14.79	14.70	16.00
		36	39	14.67	14.85	14.77	14.84	14.85	16.00
	64QAM	75	0	14.73	14.74	14.86	14.78	14.80	16.00
		1	0	14.74	14.75	14.96	14.64	14.68	16.00
		1	38	14.76	14.68	14.97	14.88	14.73	16.00
		1	74	14.67	14.76	14.75	14.98	14.81	16.00
		36	0	14.55	14.64	15.05	14.70	14.76	16.00
		36	18	14.66	14.70	14.98	14.66	14.72	16.00
	256QAM	36	39	14.76	14.65	14.82	14.79	14.71	16.00
		75	0	14.75	14.78	14.80	14.82	14.70	16.00
		1	0	14.64	14.75	14.92	14.65	14.55	16.00
1		38	14.73	14.67	15.00	14.77	14.58	16.00	
1		74	14.70	14.87	14.84	14.71	14.85	16.00	
36		0	14.62	14.64	14.99	14.75	14.64	16.00	
20MHz	QPSK	36	18	14.81	14.82	15.02	14.78	14.77	16.00
		36	39	14.65	14.80	14.81	14.96	14.76	16.00
		75	0	14.69	14.66	14.99	14.85	14.83	16.00
		1	0	14.90	14.93	15.15	14.95	14.85	16.00
		1	50	14.88	14.93	15.14	14.91	14.93	16.00
		1	99	14.93	15.03	14.95	15.03	14.99	16.00
	16QAM	1	0	14.90	14.93	15.15	14.95	14.85	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	14.69	14.68	14.98	14.72	14.69	16.00
		1	50	14.66	14.64	14.96	14.73	14.73	16.00
		1	99	14.74	14.72	14.77	14.78	14.79	16.00
		50	0	14.63	14.67	14.94	14.76	14.67	16.00
		50	25	14.68	14.77	14.91	14.73	14.73	16.00
		50	50	14.68	14.74	14.83	14.77	14.73	16.00
	100	0	14.67	14.76	14.90	14.73	14.71	16.00	
16QAM	1	0	14.90	14.93	15.15	14.95	14.85	16.00	
	1	50	14.88	14.93	15.14	14.91	14.93	16.00	
	1	99	14.93	15.03	14.95	15.03	14.99	16.00	



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64QAM	50	0	14.59	14.58	14.99	14.72	14.69	16.00	
	50	25	14.70	14.72	14.92	14.77	14.75	16.00	
	50	50	14.70	14.80	14.86	14.80	14.77	16.00	
	100	0	14.69	14.68	14.94	14.73	14.75	16.00	
	1	0	14.74	14.76	15.01	14.73	14.70	16.00	
	1	50	14.69	14.74	15.00	14.81	14.75	16.00	
	1	99	14.76	14.77	14.79	14.90	14.84	16.00	
	50	0	14.63	14.68	14.99	14.73	14.70	16.00	
	50	25	14.70	14.68	14.94	14.75	14.76	16.00	
	50	50	14.72	14.71	14.87	14.85	14.75	16.00	
	100	0	14.67	14.68	14.90	14.77	14.70	16.00	
	256QAM	1	0	14.68	14.74	14.95	14.72	14.62	16.00
		1	50	14.64	14.71	14.95	14.71	14.68	16.00
		1	99	14.73	14.78	14.77	14.78	14.76	16.00
50		0	14.64	14.62	15.00	14.77	14.73	16.00	
50		25	14.75	14.84	14.98	14.77	14.79	16.00	
50		50	14.75	14.84	14.89	14.89	14.79	16.00	
100		0	14.67	14.68	14.92	14.78	14.74	16.00	

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	22.45	22.23	22.54	22.28	22.13	23.50
		1	13	22.49	22.44	22.77	22.31	22.15	23.50
		1	24	22.41	22.49	22.14	22.31	22.40	23.50
		12	0	21.33	21.22	21.63	21.29	21.20	22.50
		12	6	21.24	21.32	21.67	21.32	21.10	22.50
		12	13	21.28	21.40	21.59	21.30	21.38	22.50
	16QAM	25	0	21.39	21.28	21.48	21.35	21.13	22.50
		1	0	21.14	21.22	21.59	21.43	20.90	22.50
		1	13	21.24	21.49	21.79	21.24	21.40	22.50
		1	24	21.49	21.58	21.38	21.53	21.47	22.50
		12	0	20.15	20.35	20.49	20.15	20.29	21.50
		12	6	20.32	20.23	20.39	20.30	20.10	21.50
	64QAM	12	13	20.42	20.39	20.46	20.18	20.48	21.50
		25	0	20.18	20.16	20.61	20.19	20.30	21.50
64QAM	1	0	20.00	20.02	20.26	19.95	19.97	21.50	
	1	13	19.89	19.86	20.10	20.14	19.90	21.50	



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		1	24	20.04	19.81	20.09	20.24	19.97	21.50		
		12	0	19.20	19.15	19.44	19.07	19.16	20.50		
		12	6	19.31	19.33	19.39	19.20	19.31	20.50		
		12	13	19.17	19.28	19.66	19.61	19.31	20.50		
		25	0	19.33	19.15	19.57	19.49	19.24	20.50		
		256QAM	1	0	17.38	17.08	17.23	17.09	16.91	18.50	
			1	13	17.32	17.13	17.28	17.13	16.94	18.50	
			1	24	17.33	17.00	17.27	17.17	16.96	18.50	
			12	0	17.17	17.17	17.62	17.04	17.36	18.50	
			12	6	17.40	17.30	17.58	17.16	17.28	18.50	
			12	13	17.51	17.51	17.44	17.34	17.24	18.50	
			25	0	17.13	17.36	17.33	17.30	17.19	18.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
						39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.39	22.17	22.64	22.34	22.06	23.50		
		1	25	22.50	22.52	22.85	22.32	22.12	23.50		
		1	49	22.34	22.40	22.17	22.22	22.41	23.50		
		25	0	21.27	21.21	21.60	21.29	21.26	22.50		
		25	13	21.15	21.36	21.66	21.25	21.18	22.50		
		25	25	21.28	21.30	21.53	21.35	21.45	22.50		
		50	0	21.40	21.25	21.52	21.38	21.22	22.50		
	16QAM	1	0	21.19	21.19	21.66	21.53	20.88	22.50		
		1	25	21.28	21.40	21.89	21.22	21.37	22.50		
		1	49	21.57	21.63	21.37	21.50	21.49	22.50		
		25	0	20.11	20.41	20.44	20.19	20.38	21.50		
		25	13	20.29	20.31	20.37	20.22	20.02	21.50		
		25	25	20.32	20.35	20.37	20.19	20.54	21.50		
		50	0	20.27	20.26	20.66	20.27	20.38	21.50		
	64QAM	1	0	20.08	19.99	20.18	20.01	19.92	21.50		
		1	25	19.82	19.77	20.07	20.05	19.92	21.50		
		1	49	20.03	19.89	20.05	20.23	19.98	21.50		
		25	0	19.26	19.20	19.43	18.97	19.18	20.50		
		25	13	19.27	19.41	19.32	19.19	19.31	20.50		
		25	25	19.17	19.18	19.75	19.56	19.33	20.50		
		50	0	19.34	19.16	19.58	19.50	19.14	20.50		
	256QAM	1	0	17.33	17.18	17.25	17.07	16.84	18.50		
		1	25	17.26	17.13	17.31	17.03	16.96	18.50		
		1	49	17.32	16.92	17.20	17.17	17.01	18.50		
		25	0	17.22	17.12	17.57	17.00	17.40	18.50		



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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	17.32	17.31	17.66	17.26	17.37	18.50
		25	25	17.46	17.47	17.53	17.33	17.14	18.50
		50	0	17.15	17.40	17.35	17.25	17.21	18.50
	QPSK	1	0	22.49	22.14	22.52	22.19	22.11	23.50
		1	38	22.54	22.54	22.73	22.29	22.16	23.50
		1	74	22.35	22.44	22.19	22.27	22.40	23.50
		36	0	21.42	21.27	21.73	21.30	21.28	22.50
		36	18	21.28	21.23	21.70	21.25	21.15	22.50
		36	39	21.28	21.40	21.65	21.22	21.46	22.50
	16QAM	75	0	21.37	21.32	21.40	21.33	21.22	22.50
		1	0	21.04	21.19	21.54	21.48	20.80	22.50
		1	38	21.25	21.48	21.71	21.32	21.35	22.50
		1	74	21.47	21.54	21.29	21.48	21.54	22.50
		36	0	20.23	20.28	20.48	20.17	20.24	21.50
		36	18	20.41	20.31	20.39	20.21	20.15	21.50
	64QAM	36	39	20.41	20.34	20.41	20.22	20.52	21.50
		75	0	20.16	20.09	20.52	20.12	20.37	21.50
		1	0	19.98	19.95	20.32	19.97	20.01	21.50
		1	38	19.80	19.90	20.05	20.17	19.90	21.50
		1	74	20.14	19.71	20.17	20.15	19.97	21.50
		36	0	19.18	19.13	19.53	19.16	19.26	20.50
	256QAM	36	18	19.27	19.31	19.36	19.22	19.39	20.50
		36	39	19.17	19.26	19.71	19.66	19.40	20.50
		75	0	19.31	19.11	19.66	19.40	19.31	20.50
1		0	17.39	17.08	17.29	17.01	16.88	18.50	
1		38	17.30	17.12	17.20	17.20	17.02	18.50	
1		74	17.39	16.99	17.18	17.13	16.86	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	36	0	17.16	17.13	17.54	17.04	17.37	18.50
		36	18	17.49	17.35	17.50	17.16	17.31	18.50
		36	39	17.54	17.61	17.50	17.25	17.15	18.50
		75	0	17.08	17.36	17.34	17.39	17.15	18.50
20MHz	QPSK	1	0	22.53	22.23	22.58	22.20	22.14	23.50
		1	50	22.52	22.42	22.71	22.23	22.22	23.50
		1	99	22.56	22.51	22.20	22.29	22.32	23.50
		50	0	21.30	21.24	21.59	21.22	21.11	22.50



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	16QAM	50	25	21.20	21.42	21.68	21.40	21.04	22.50
		50	50	21.36	21.36	21.51	21.36	21.39	22.50
		100	0	21.32	21.18	21.51	21.37	21.09	22.50
		1	0	21.14	21.14	21.56	21.42	20.99	22.50
		1	50	21.18	21.50	21.79	21.34	21.48	22.50
		1	99	21.59	21.63	21.37	21.48	21.37	22.50
		50	0	20.12	20.33	20.58	20.24	20.25	21.50
		50	25	20.31	20.29	20.39	20.24	20.16	21.50
		50	50	20.36	20.46	20.39	20.28	20.51	21.50
	100	0	20.11	20.06	20.61	20.26	20.26	21.50	
	64QAM	1	0	19.98	20.05	20.35	20.01	19.94	21.50
		1	50	19.82	19.91	20.10	20.24	19.89	21.50
		1	99	20.11	19.81	20.08	20.31	19.93	21.50
		50	0	19.21	19.23	19.38	19.13	19.21	20.50
		50	25	19.35	19.34	19.40	19.12	19.40	20.50
		50	50	19.27	19.32	19.66	19.68	19.40	20.50
		100	0	19.34	19.18	19.59	19.54	19.19	20.50
	256QAM	1	0	17.29	17.12	17.18	17.13	16.81	18.50
		1	50	17.25	17.14	17.27	17.19	16.84	18.50
		1	99	17.34	17.07	17.34	17.08	17.05	18.50
		50	0	17.15	17.23	17.57	17.08	17.27	18.50
		50	25	17.33	17.20	17.61	17.24	17.31	18.50
		50	50	17.57	17.61	17.54	17.38	17.32	18.50
		100	0	17.19	17.41	17.25	17.25	17.24	18.50

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	18.39	18.51	19.27	19.04	18.83	20.00
		1	13	18.87	18.95	19.12	18.96	18.81	20.00
		1	24	18.90	19.07	19.06	19.14	19.02	20.00
		12	0	18.95	18.99	19.11	18.86	18.88	20.00
		12	6	18.70	18.70	19.29	18.96	18.99	20.00
		12	13	18.56	18.63	19.03	19.02	18.91	20.00
	16QAM	1	0	19.01	18.95	19.32	18.72	18.79	20.00
		1	13	19.17	19.22	19.23	18.97	18.85	20.00
		1	24	19.03	19.19	19.15	18.99	18.82	20.00



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		12	0	18.96	18.85	19.22	19.04	18.94	20.00
		12	6	18.91	18.86	19.15	19.03	19.02	20.00
		12	13	18.92	18.95	19.18	19.06	19.03	20.00
		25	0	18.90	19.02	19.25	19.01	19.06	20.00
	64QAM	1	0	18.63	18.57	18.92	18.55	18.39	20.00
		1	13	18.60	18.72	18.92	18.38	18.31	20.00
		1	24	18.54	18.64	18.71	18.62	18.65	20.00
		12	0	18.89	18.75	19.15	18.92	18.92	20.00
		12	6	19.02	19.02	19.15	19.07	18.94	20.00
		12	13	18.87	19.01	19.06	19.10	19.10	20.00
		25	0	18.89	18.97	19.25	18.95	18.99	20.00
	256QAM	1	0	17.17	17.22	17.42	17.21	17.02	18.50
		1	13	17.10	17.17	17.28	17.28	17.14	18.50
		1	24	17.06	17.26	17.17	17.22	17.20	18.50
		12	0	17.21	17.33	17.59	17.31	17.23	18.50
		12	6	17.36	17.43	17.51	17.30	17.33	18.50
		12	13	17.39	17.32	17.42	17.45	17.46	18.50
		25	0	17.30	17.32	17.51	17.31	17.40	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.40	18.57	19.23	19.06	18.86	20.00
		1	25	18.86	18.89	19.08	18.90	18.98	20.00
		1	49	19.04	19.08	18.98	19.16	19.00	20.00
		25	0	18.96	18.89	19.10	18.99	18.94	20.00
		25	13	18.64	18.65	19.17	18.99	19.07	20.00
		25	25	18.57	18.54	18.99	19.04	18.92	20.00
		50	0	18.88	19.06	19.19	18.95	18.89	20.00
	16QAM	1	0	19.05	19.03	19.25	18.81	18.85	20.00
		1	25	19.06	19.05	19.32	18.87	19.00	20.00
		1	49	19.01	19.06	19.03	18.87	18.97	20.00
		25	0	18.88	18.85	19.17	19.02	19.05	20.00
		25	13	19.01	18.91	19.16	18.99	19.09	20.00
		25	25	19.03	19.05	19.12	19.01	19.04	20.00
		50	0	19.03	19.07	19.09	19.02	19.06	20.00
	64QAM	1	0	18.71	18.71	18.94	18.53	18.52	20.00
		1	25	18.59	18.59	18.95	18.34	18.47	20.00
		1	49	18.69	18.75	18.61	18.54	18.57	20.00
		25	0	18.83	18.92	19.26	18.90	18.97	20.00
		25	13	18.88	18.90	19.21	19.23	19.07	20.00



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		25	25	18.99	18.97	19.10	19.07	18.95	20.00
		50	0	18.92	18.96	19.22	18.94	18.98	20.00
	256QAM	1	0	17.05	17.12	17.28	17.07	17.06	18.50
		1	25	17.13	17.25	17.37	17.16	17.15	18.50
		1	49	17.15	17.33	17.16	17.24	17.29	18.50
		25	0	17.26	17.29	17.59	17.24	17.37	18.50
		25	13	17.24	17.40	17.49	17.44	17.31	18.50
		25	25	17.30	17.39	17.50	17.36	17.45	18.50
		50	0	17.19	17.36	17.46	17.28	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.49	18.49	19.16	18.97	18.96	20.00
		1	38	18.86	18.85	19.15	18.96	18.91	20.00
		1	74	19.04	19.03	18.95	19.20	18.98	20.00
		36	0	18.87	19.05	19.10	18.95	18.86	20.00
		36	18	18.55	18.60	19.28	19.06	18.88	20.00
		36	39	18.70	18.71	19.03	18.96	18.90	20.00
		75	0	19.02	19.01	19.12	19.04	19.00	20.00
	16QAM	1	0	18.95	19.04	19.36	18.72	18.72	20.00
		1	38	19.11	19.07	19.23	18.90	18.94	20.00
		1	74	19.08	19.03	19.02	18.88	18.81	20.00
		36	0	18.87	18.83	19.32	18.91	19.05	20.00
		36	18	18.96	18.88	19.25	19.10	18.97	20.00
		36	39	18.97	19.10	19.20	19.07	19.10	20.00
		75	0	18.91	19.00	19.12	18.97	18.91	20.00
	64QAM	1	0	18.55	18.61	18.96	18.55	18.41	20.00
		1	38	18.68	18.55	18.78	18.44	18.39	20.00
		1	74	18.70	18.66	18.68	18.53	18.53	20.00
		36	0	18.82	18.83	19.16	18.95	18.94	20.00
		36	18	19.03	18.94	19.15	19.13	19.00	20.00
		36	39	19.01	19.07	19.18	19.06	19.02	20.00
		75	0	18.98	18.96	19.20	18.94	19.03	20.00
	256QAM	1	0	17.09	17.10	17.32	17.05	17.09	18.50
		1	38	17.02	17.08	17.38	17.26	17.21	18.50
		1	74	17.23	17.32	17.25	17.22	17.14	18.50
		36	0	17.22	17.34	17.63	17.37	17.22	18.50
		36	18	17.25	17.38	17.47	17.43	17.36	18.50
		36	39	17.24	17.43	17.37	17.48	17.35	18.50
		75	0	17.22	17.32	17.49	17.35	17.32	18.50



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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	18.45	18.47	19.20	18.96	18.89	20.00
		1	50	18.88	18.87	19.16	18.95	18.90	20.00
		1	99	18.98	19.05	19.01	19.13	19.03	20.00
		50	0	18.88	18.98	19.20	18.89	18.85	20.00
		50	25	18.60	18.64	19.19	18.99	18.98	20.00
		50	50	18.62	18.64	19.08	19.03	19.00	20.00
		100	0	18.95	18.96	19.17	19.03	18.96	20.00
	16QAM	1	0	19.04	19.03	19.28	18.80	18.77	20.00
		1	50	19.12	19.15	19.30	18.94	18.92	20.00
		1	99	19.05	19.13	19.12	18.93	18.91	20.00
		50	0	18.91	18.89	19.22	19.00	18.95	20.00
		50	25	18.95	18.95	19.17	19.03	19.02	20.00
		50	50	18.98	19.01	19.11	19.03	19.02	20.00
		100	0	18.95	18.98	19.17	19.05	18.96	20.00
	64QAM	1	0	18.63	18.66	18.88	18.57	18.49	20.00
		1	50	18.60	18.65	18.85	18.39	18.41	20.00
		1	99	18.64	18.71	18.69	18.57	18.55	20.00
		50	0	18.80	18.84	19.21	18.97	18.98	20.00
		50	25	18.95	19.00	19.18	19.13	19.03	20.00
		50	50	18.97	19.07	19.10	19.09	19.02	20.00
		100	0	18.95	18.99	19.15	18.97	18.97	20.00
	256QAM	1	0	17.12	17.16	17.38	17.13	17.05	18.50
		1	50	17.09	17.18	17.35	17.19	17.13	18.50
		1	99	17.16	17.26	17.21	17.30	17.20	18.50
		50	0	17.25	17.29	17.59	17.34	17.29	18.50
		50	25	17.29	17.34	17.48	17.37	17.36	18.50
		50	50	17.33	17.33	17.44	17.38	17.38	18.50
		100	0	17.28	17.26	17.47	17.37	17.30	18.50

LTE Band 41 PC3 Eci3/6				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	18.53	18.39	18.65	18.48	18.42	19.50
		1	13	18.51	18.48	18.68	18.47	18.48	19.50
		1	24	18.38	18.56	18.53	18.52	18.56	19.50
		12	0	18.38	18.46	18.64	18.57	18.52	19.50



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