

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

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

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		1	49	18.42	18.03	17.86	19.50
		25	0	17.72	17.84	17.84	19.50
		25	13	17.91	17.93	17.93	19.50
		25	25	17.87	17.89	17.87	19.50
		50	0	17.96	17.92	17.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.96	19.93	19.90	21.00
		1	38	19.99	20.04	19.89	21.00
		1	74	20.15	20.10	19.92	21.00
		36	0	19.98	19.92	19.94	21.00
		36	18	19.93	20.03	19.93	21.00
		36	39	20.05	20.03	20.03	21.00
		75	0	20.00	20.05	19.91	21.00
	16QAM	1	0	20.20	19.91	19.81	21.00
		1	38	19.97	20.03	20.01	21.00
		1	74	20.19	20.11	20.07	21.00
		36	0	20.03	19.94	19.87	21.00
		36	18	20.01	20.04	19.88	21.00
		36	39	20.01	19.99	19.97	21.00
		75	0	19.90	19.93	20.04	21.00
	64QAM	1	0	19.64	20.00	19.87	21.00
		1	38	20.13	20.00	20.20	21.00
		1	74	19.90	20.18	19.60	21.00
		36	0	19.96	20.05	19.99	21.00
		36	18	19.99	20.11	19.99	21.00
		36	39	19.92	20.01	20.06	21.00
		75	0	19.99	20.07	20.04	21.00
	256QAM	1	0	18.06	17.93	17.99	19.50
		1	38	17.87	18.23	17.89	19.50
		1	74	18.52	18.06	17.93	19.50
		36	0	17.81	17.94	17.91	19.50
		36	18	18.01	18.08	18.03	19.50
		36	39	17.97	18.02	17.98	19.50
		75	0	18.06	18.05	18.02	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.90	19.90	19.87	21.00
		1	50	19.94	19.97	19.83	21.00



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		1	99	20.09	20.07	19.89	21.00
		50	0	19.92	19.90	19.89	21.00
		50	25	19.92	19.98	19.92	21.00
		50	50	19.98	19.96	19.97	21.00
		100	0	19.97	20.04	19.83	21.00
	16QAM	1	0	20.13	19.85	19.78	21.00
		1	50	19.96	20.01	19.98	21.00
		1	99	20.12	20.02	20.00	21.00
		50	0	19.99	19.90	19.85	21.00
		50	25	19.97	19.97	19.87	21.00
		50	50	19.95	19.93	19.90	21.00
		100	0	19.87	19.91	19.96	21.00
	64QAM	1	0	19.60	19.99	19.84	21.00
		1	50	20.05	19.99	20.17	21.00
		1	99	19.82	20.11	19.57	21.00
		50	0	19.92	19.99	19.94	21.00
		50	25	19.94	20.05	19.97	21.00
		50	50	19.90	19.94	19.97	21.00
		100	0	19.97	20.03	19.96	21.00
	256QAM	1	0	17.99	17.85	17.96	19.50
		1	50	17.79	18.15	17.87	19.50
		1	99	18.48	18.04	17.89	19.50
		50	0	17.76	17.93	17.87	19.50
		50	25	17.97	18.00	17.95	19.50
		50	50	17.92	17.97	17.94	19.50
		100	0	17.97	17.98	17.97	19.50



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LTE Band 5 DS14/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.27	23.44	23.08	25.00
		1	2	23.42	23.44	23.49	25.00
		1	5	23.36	23.48	23.33	25.00
		3	0	23.39	23.56	23.39	25.00
		3	2	23.44	23.52	23.39	25.00
		3	3	23.38	23.49	23.34	25.00
		6	0	22.76	22.59	22.02	24.00
	16QAM	1	0	22.82	22.49	22.55	24.00
		1	2	22.63	22.69	22.53	24.00
		1	5	22.61	22.73	22.33	24.00
		3	0	22.55	22.76	22.29	24.00
		3	2	22.56	22.76	22.36	24.00
		3	3	22.56	22.73	22.34	24.00
		6	0	21.55	21.60	21.45	23.00
	64QAM	1	0	22.61	21.60	21.46	23.00
		1	2	22.43	21.91	21.67	23.00
		1	5	22.26	21.21	21.66	23.00
		3	0	22.27	21.21	21.65	23.00
		3	2	22.25	21.24	21.65	23.00
		3	3	22.27	21.21	21.60	23.00
		6	0	21.58	20.44	20.65	22.00
	256QAM	1	0	18.67	18.79	18.53	20.00
		1	2	18.61	18.70	18.80	20.00
		1	5	18.54	18.30	18.69	20.00
		3	0	18.64	18.56	18.65	20.00
		3	2	18.73	18.71	18.43	20.00
		3	3	18.75	18.61	18.72	20.00
		6	0	18.69	18.65	18.59	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.25	23.45	23.10	25.00
		1	7	23.44	23.42	23.49	25.00
		1	14	23.43	23.49	23.35	25.00
		8	0	22.57	22.58	22.63	24.00
		8	4	22.76	22.65	22.07	24.00



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		8	7	22.64	22.65	22.69	24.00
		15	0	22.73	22.59	22.05	24.00
	16QAM	1	0	22.88	22.46	22.62	24.00
		1	7	22.66	22.66	22.57	24.00
		1	14	22.63	22.70	22.31	24.00
		8	0	21.63	21.63	21.57	23.00
		8	4	21.67	21.60	21.65	23.00
		8	7	21.62	21.56	21.45	23.00
		15	0	21.53	21.65	21.41	23.00
		1	0	22.61	21.65	21.48	23.00
	64QAM	1	7	22.42	21.83	21.64	23.00
		1	14	22.29	21.17	21.65	23.00
		8	0	21.35	20.45	20.60	22.00
		8	4	21.68	20.62	20.53	22.00
		8	7	21.60	20.44	20.64	22.00
		15	0	21.57	20.47	20.61	22.00
		1	0	18.73	18.82	18.53	20.00
	256QAM	1	7	18.58	18.65	18.79	20.00
		1	14	18.53	18.31	18.67	20.00
		8	0	18.60	18.53	18.64	20.00
		8	4	18.74	18.73	18.41	20.00
		8	7	18.70	18.63	18.72	20.00
		15	0	18.70	18.69	18.61	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.25	23.42	23.11	25.00
		1	13	23.43	23.50	23.44	25.00
		1	24	23.36	23.51	23.39	25.00
		12	0	22.57	22.51	22.63	24.00
		12	6	22.75	22.65	22.12	24.00
		12	13	22.69	22.62	22.65	24.00
		25	0	22.80	22.60	22.03	24.00
	16QAM	1	0	22.81	22.50	22.60	24.00
		1	13	22.60	22.68	22.53	24.00
		1	24	22.59	22.74	22.31	24.00
		12	0	21.65	21.61	21.59	23.00
		12	6	21.66	21.52	21.65	23.00
		12	13	21.65	21.60	21.38	23.00
		25	0	21.55	21.66	21.49	23.00



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		1	0	22.62	21.63	21.43	23.00
		1	13	22.50	21.91	21.65	23.00
		1	24	22.30	21.25	21.62	23.00
	64QAM	12	0	21.35	20.48	20.63	22.00
		12	6	21.66	20.65	20.49	22.00
		12	13	21.58	20.43	20.61	22.00
		25	0	21.57	20.46	20.62	22.00
		1	0	18.73	18.85	18.52	20.00
		1	13	18.59	18.68	18.78	20.00
		1	24	18.57	18.35	18.69	20.00
	256QAM	12	0	18.61	18.53	18.59	20.00
		12	6	18.76	18.70	18.44	20.00
		12	13	18.67	18.66	18.72	20.00
		25	0	18.72	18.62	18.63	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.31	23.46	23.16	25.00
		1	25	23.51	23.51	23.53	25.00
		1	49	23.45	23.57	23.40	25.00
		25	0	22.63	22.60	22.71	24.00
		25	13	22.79	22.70	22.15	24.00
		25	25	22.70	22.69	22.74	24.00
		50	0	22.82	22.66	22.08	24.00
	16QAM	1	0	22.90	22.55	22.63	24.00
		1	25	22.68	22.70	22.58	24.00
		1	49	22.64	22.78	22.38	24.00
		25	0	21.66	21.65	21.65	23.00
		25	13	21.70	21.61	21.67	23.00
		25	25	21.70	21.65	21.46	23.00
		50	0	21.61	21.67	21.50	23.00
	64QAM	1	0	22.66	21.67	21.50	23.00
		1	25	22.51	21.92	21.68	23.00
		1	49	22.33	21.26	21.68	23.00
		25	0	21.44	20.49	20.65	22.00
		25	13	21.71	20.69	20.56	22.00
		25	25	21.67	20.50	20.68	22.00
		50	0	21.64	20.52	20.67	22.00
	256QAM	1	0	18.76	18.86	18.58	20.00
		1	25	18.62	18.74	18.85	20.00



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		1	49	18.62	18.38	18.72	20.00
		25	0	18.68	18.62	18.68	20.00
		25	13	18.79	18.75	18.50	20.00
		25	25	18.76	18.68	18.73	20.00
		50	0	18.77	18.71	18.65	20.00



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LTE Band 5 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	19.11	19.03	19.12	20.50
		1	2	19.09	19.22	19.11	20.50
		1	5	19.02	19.15	19.06	20.50
		3	0	19.21	19.13	19.13	20.50
		3	2	19.26	19.20	19.24	20.50
		3	3	19.20	19.15	19.18	20.50
		6	0	19.20	19.08	19.15	20.50
	16QAM	1	0	19.44	19.32	19.17	20.50
		1	2	18.98	19.26	19.22	20.50
		1	5	19.28	19.28	19.12	20.50
		3	0	19.13	19.14	19.04	20.50
		3	2	19.15	19.18	19.23	20.50
		3	3	19.15	19.14	19.14	20.50
		6	0	19.22	19.04	19.03	20.50
	64QAM	1	0	19.31	19.20	19.18	20.50
		1	2	19.03	19.11	19.13	20.50
		1	5	19.31	19.31	19.27	20.50
		3	0	19.08	19.01	19.05	20.50
		3	2	19.16	19.10	19.05	20.50
		3	3	19.22	19.14	19.16	20.50
		6	0	19.20	19.09	19.07	20.50
	256QAM	1	0	18.53	18.59	18.30	20.00
		1	2	18.69	18.84	18.66	20.00
		1	5	18.53	18.56	18.46	20.00
		3	0	18.38	18.54	18.50	20.00
		3	2	18.65	18.57	18.86	20.00
		3	3	18.63	18.64	18.60	20.00
		6	0	18.62	18.57	18.62	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	19.04	19.09	19.08	20.50
		1	7	19.09	19.23	19.10	20.50
		1	14	19.06	19.07	19.12	20.50
		8	0	19.16	19.12	19.18	20.50
		8	4	19.31	19.17	19.18	20.50



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		8	7	19.21	19.17	19.14	20.50
		15	0	19.21	19.09	19.10	20.50
	16QAM	1	0	19.44	19.32	19.17	20.50
		1	7	18.92	19.21	19.19	20.50
		1	14	19.36	19.23	19.16	20.50
		8	0	19.07	19.17	19.08	20.50
		8	4	19.16	19.12	19.26	20.50
		8	7	19.13	19.16	19.09	20.50
		15	0	19.22	19.05	18.99	20.50
		1	0	19.30	19.19	19.17	20.50
	64QAM	1	7	19.10	19.16	19.13	20.50
		1	14	19.26	19.36	19.20	20.50
		8	0	19.09	19.00	19.05	20.50
		8	4	19.12	19.13	19.00	20.50
		8	7	19.16	19.20	19.11	20.50
		15	0	19.21	19.15	19.09	20.50
		1	0	18.52	18.57	18.34	20.00
	256QAM	1	7	18.74	18.85	18.59	20.00
		1	14	18.49	18.57	18.54	20.00
		8	0	18.41	18.54	18.56	20.00
		8	4	18.68	18.59	18.78	20.00
		8	7	18.61	18.62	18.56	20.00
		15	0	18.69	18.51	18.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	19.07	19.04	19.10	20.50
		1	13	19.06	19.24	19.08	20.50
		1	24	19.07	19.10	19.07	20.50
		12	0	19.20	19.11	19.18	20.50
		12	6	19.28	19.14	19.19	20.50
		12	13	19.19	19.15	19.14	20.50
		25	0	19.28	19.07	19.15	20.50
	16QAM	1	0	19.45	19.28	19.17	20.50
		1	13	18.91	19.25	19.16	20.50
		1	24	19.33	19.21	19.17	20.50
		12	0	19.15	19.11	19.04	20.50
		12	6	19.19	19.17	19.26	20.50
		12	13	19.12	19.14	19.10	20.50
		25	0	19.25	19.09	18.97	20.50



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		1	0	19.30	19.25	19.22	20.50
		1	13	19.08	19.12	19.19	20.50
		1	24	19.25	19.32	19.24	20.50
	64QAM	12	0	19.14	19.03	19.08	20.50
		12	6	19.17	19.09	19.03	20.50
		12	13	19.22	19.19	19.10	20.50
		25	0	19.21	19.12	19.12	20.50
		1	0	18.48	18.54	18.37	20.00
		1	13	18.72	18.78	18.60	20.00
		1	24	18.51	18.54	18.50	20.00
	256QAM	12	0	18.42	18.59	18.52	20.00
		12	6	18.72	18.61	18.86	20.00
		12	13	18.59	18.70	18.56	20.00
		25	0	18.67	18.56	18.67	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	19.12	19.11	19.14	20.50
		1	25	19.14	19.25	19.14	20.50
		1	49	19.08	19.16	19.14	20.50
		25	0	19.25	19.14	19.22	20.50
		25	13	19.32	19.22	19.26	20.50
		25	25	19.26	19.24	19.23	20.50
		50	0	19.29	19.14	19.19	20.50
	16QAM	1	0	19.46	19.37	19.25	20.50
		1	25	18.99	19.27	19.23	20.50
		1	49	19.37	19.30	19.20	20.50
		25	0	19.16	19.19	19.13	20.50
		25	13	19.20	19.20	19.28	20.50
		25	25	19.21	19.23	19.17	20.50
		50	0	19.29	19.12	19.06	20.50
	64QAM	1	0	19.35	19.28	19.26	20.50
		1	25	19.12	19.18	19.20	20.50
		1	49	19.34	19.38	19.28	20.50
		25	0	19.15	19.09	19.10	20.50
		25	13	19.21	19.15	19.08	20.50
		25	25	19.24	19.22	19.17	20.50
		50	0	19.24	19.18	19.13	20.50
	256QAM	1	0	18.54	18.61	18.38	20.00
		1	25	18.75	18.87	18.68	20.00



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		1	49	18.57	18.62	18.55	20.00
		25	0	18.44	18.63	18.59	20.00
		25	13	18.73	18.65	18.87	20.00
		25	25	18.67	18.71	18.65	20.00
		50	0	18.71	18.60	18.70	20.00



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LTE Band 5 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	18.13	17.96	18.07	19.50
		1	2	18.12	18.21	18.09	19.50
		1	5	18.12	18.00	18.15	19.50
		3	0	18.10	18.13	18.11	19.50
		3	2	18.17	18.16	18.16	19.50
		3	3	18.19	18.25	18.15	19.50
		6	0	18.16	18.24	18.07	19.50
	16QAM	1	0	18.42	18.31	18.11	19.50
		1	2	18.43	18.20	18.22	19.50
		1	5	18.33	18.22	18.11	19.50
		3	0	18.12	18.16	18.01	19.50
		3	2	18.18	18.21	18.24	19.50
		3	3	18.23	18.18	18.07	19.50
		6	0	18.18	18.14	18.05	19.50
	64QAM	1	0	18.25	18.28	18.06	19.50
		1	2	18.36	18.26	18.15	19.50
		1	5	18.14	18.22	18.16	19.50
		3	0	18.10	18.10	18.12	19.50
		3	2	18.26	18.14	18.09	19.50
		3	3	18.19	18.19	18.22	19.50
		6	0	18.17	18.10	18.11	19.50
	256QAM	1	0	18.13	17.92	18.32	19.50
		1	2	18.26	18.19	18.17	19.50
		1	5	18.25	18.15	17.98	19.50
		3	0	17.85	18.01	18.07	19.50
		3	2	18.12	18.12	18.07	19.50
		3	3	18.12	18.18	18.10	19.50
		6	0	18.13	18.14	18.16	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	18.16	17.95	18.10	19.50
		1	7	18.08	18.21	18.16	19.50
		1	14	18.10	18.07	18.12	19.50
		8	0	18.08	18.16	18.19	19.50
		8	4	18.15	18.11	18.21	19.50



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		8	7	18.19	18.22	18.18	19.50
		15	0	18.11	18.21	18.08	19.50
	16QAM	1	0	18.48	18.29	18.12	19.50
		1	7	18.41	18.21	18.20	19.50
		1	14	18.36	18.17	18.09	19.50
		8	0	18.16	18.15	18.00	19.50
		8	4	18.14	18.21	18.23	19.50
		8	7	18.18	18.20	18.08	19.50
		15	0	18.17	18.11	18.05	19.50
		1	0	18.19	18.31	18.08	19.50
	64QAM	1	7	18.37	18.31	18.11	19.50
		1	14	18.15	18.19	18.17	19.50
		8	0	18.08	18.08	18.07	19.50
		8	4	18.27	18.16	18.13	19.50
		8	7	18.12	18.23	18.15	19.50
		15	0	18.22	18.14	18.09	19.50
		1	0	18.18	17.94	18.28	19.50
	256QAM	1	7	18.19	18.25	18.12	19.50
		1	14	18.23	18.20	17.98	19.50
		8	0	17.82	18.02	18.09	19.50
		8	4	18.16	18.12	18.08	19.50
		8	7	18.16	18.12	18.04	19.50
		15	0	18.14	18.13	18.12	19.50
		1	0	18.15	17.98	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	18.15	17.98	18.08	19.50
		1	13	18.15	18.14	18.11	19.50
		1	24	18.14	18.07	18.11	19.50
		12	0	18.11	18.17	18.14	19.50
		12	6	18.23	18.10	18.18	19.50
		12	13	18.18	18.25	18.15	19.50
		25	0	18.17	18.19	18.13	19.50
	16QAM	1	0	18.46	18.25	18.11	19.50
		1	13	18.42	18.22	18.18	19.50
		1	24	18.40	18.18	18.11	19.50
		12	0	18.16	18.20	18.02	19.50
		12	6	18.16	18.15	18.23	19.50
		12	13	18.16	18.20	18.01	19.50
		25	0	18.17	18.14	18.09	19.50



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		1	0	18.26	18.29	18.10	19.50
		1	13	18.33	18.26	18.16	19.50
		1	24	18.18	18.17	18.19	19.50
	64QAM	12	0	18.09	18.03	18.06	19.50
		12	6	18.25	18.13	18.09	19.50
		12	13	18.14	18.21	18.22	19.50
		25	0	18.18	18.08	18.14	19.50
		1	0	18.16	17.95	18.25	19.50
		1	13	18.21	18.20	18.12	19.50
		1	24	18.20	18.20	17.97	19.50
	256QAM	12	0	17.80	18.01	18.11	19.50
		12	6	18.13	18.15	18.12	19.50
		12	13	18.12	18.16	18.04	19.50
		25	0	18.11	18.14	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	18.18	18.04	18.12	19.50
		1	25	18.17	18.23	18.17	19.50
		1	49	18.18	18.08	18.16	19.50
		25	0	18.16	18.21	18.20	19.50
		25	13	18.24	18.19	18.25	19.50
		25	25	18.20	18.26	18.21	19.50
		50	0	18.19	18.26	18.15	19.50
	16QAM	1	0	18.51	18.33	18.14	19.50
		1	25	18.49	18.29	18.23	19.50
		1	49	18.42	18.24	18.17	19.50
		25	0	18.20	18.24	18.03	19.50
		25	13	18.22	18.22	18.25	19.50
		25	25	18.25	18.27	18.09	19.50
		50	0	18.20	18.20	18.11	19.50
	64QAM	1	0	18.28	18.32	18.12	19.50
		1	25	18.39	18.32	18.18	19.50
		1	49	18.19	18.23	18.20	19.50
		25	0	18.12	18.12	18.15	19.50
		25	13	18.30	18.20	18.15	19.50
		25	25	18.20	18.28	18.23	19.50
		50	0	18.26	18.15	18.16	19.50
	256QAM	1	0	18.21	18.01	18.33	19.50
		1	25	18.27	18.27	18.19	19.50



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		1	49	18.27	18.23	17.99	19.50
		25	0	17.89	18.05	18.16	19.50
		25	13	18.21	18.21	18.16	19.50
		25	25	18.19	18.20	18.11	19.50
		50	0	18.19	18.16	18.18	19.50



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LTE Band 7 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	13.06	13.05	13.12	14.50
		1	13	13.16	13.09	13.16	14.50
		1	24	13.00	13.06	13.01	14.50
		12	0	13.18	13.05	13.17	14.50
		12	6	13.22	13.05	13.20	14.50
		12	13	13.13	13.11	13.24	14.50
		25	0	13.15	13.16	13.28	14.50
	16QAM	1	0	13.08	13.14	13.05	14.50
		1	13	13.24	13.11	13.27	14.50
		1	24	13.07	13.13	13.10	14.50
		12	0	13.20	13.16	13.22	14.50
		12	6	13.21	13.17	13.24	14.50
		12	13	13.02	13.10	13.17	14.50
		25	0	13.21	12.98	13.28	14.50
	64QAM	1	0	13.22	13.05	13.24	14.50
		1	13	13.23	13.19	13.25	14.50
		1	24	13.21	13.19	13.20	14.50
		12	0	13.09	13.17	13.27	14.50
		12	6	13.26	13.16	13.21	14.50
		12	13	13.08	13.16	13.19	14.50
		25	0	13.15	13.13	13.19	14.50
	256QAM	1	0	13.24	13.13	13.19	14.50
		1	13	13.09	13.06	12.88	14.50
		1	24	12.78	13.11	13.10	14.50
		12	0	13.24	13.12	12.62	14.50
		12	6	13.22	13.14	13.07	14.50
		12	13	13.17	13.14	13.16	14.50
		25	0	13.22	13.19	13.32	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	13.12	13.09	13.25	14.50
		1	25	13.28	13.16	13.28	14.50
		1	49	13.10	13.13	13.17	14.50
		25	0	13.32	13.17	13.31	14.50
		25	13	13.30	13.20	13.25	14.50



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		25	25	13.24	13.18	13.28	14.50
		50	0	13.28	13.22	13.25	14.50
	16QAM	1	0	13.16	13.26	13.14	14.50
		1	25	13.35	13.21	13.26	14.50
		1	49	13.22	13.23	13.21	14.50
		25	0	13.30	13.21	13.27	14.50
		25	13	13.35	13.24	13.21	14.50
		25	25	13.10	13.24	13.20	14.50
		50	0	13.29	13.11	13.32	14.50
		1	0	13.31	13.14	13.35	14.50
	64QAM	1	25	13.32	13.28	13.28	14.50
		1	49	13.34	13.32	13.32	14.50
		25	0	13.23	13.23	13.37	14.50
		25	13	13.37	13.30	13.31	14.50
		25	25	13.20	13.27	13.25	14.50
		50	0	13.25	13.28	13.28	14.50
		1	0	13.28	13.27	13.29	14.50
	256QAM	1	25	13.17	13.23	12.92	14.50
		1	49	12.85	13.25	13.20	14.50
		25	0	13.29	13.23	12.77	14.50
		25	13	13.33	13.16	13.21	14.50
		25	25	13.25	13.30	13.32	14.50
		50	0	13.30	13.33	13.42	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	13.06	12.97	13.13	14.50
		1	38	13.15	13.09	13.18	14.50
		1	74	13.01	13.00	13.02	14.50
		36	0	13.21	13.10	13.25	14.50
		36	18	13.24	13.11	13.22	14.50
		36	39	13.17	13.04	13.23	14.50
		75	0	13.12	13.16	13.27	14.50
	16QAM	1	0	13.03	13.10	12.99	14.50
		1	38	13.25	13.08	13.32	14.50
		1	74	13.09	13.18	13.11	14.50
		36	0	13.25	13.14	13.16	14.50
		36	18	13.23	13.13	13.26	14.50
		36	39	13.08	13.09	13.11	14.50
		75	0	13.15	12.98	13.23	14.50



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	64QAM	1	0	13.27	13.08	13.23	14.50
		1	38	13.27	13.19	13.18	14.50
		1	74	13.17	13.18	13.24	14.50
		36	0	13.11	13.15	13.29	14.50
		36	18	13.25	13.18	13.28	14.50
		36	39	13.05	13.23	13.18	14.50
		75	0	13.12	13.15	13.21	14.50
	256QAM	1	0	13.22	13.10	13.19	14.50
		1	38	13.10	13.06	12.83	14.50
		1	74	12.78	13.19	13.06	14.50
		36	0	13.21	13.11	12.65	14.50
		36	18	13.21	13.10	13.08	14.50
		36	39	13.12	13.20	13.16	14.50
		75	0	13.16	13.26	13.39	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	13.11	13.06	13.18	14.50
		1	50	13.20	13.11	13.22	14.50
		1	99	13.04	13.08	13.08	14.50
		50	0	13.25	13.13	13.26	14.50
		50	25	13.21	13.12	13.23	14.50
		50	50	13.20	13.13	13.26	14.50
		100	0	13.20	13.17	13.36	14.50
	16QAM	1	0	13.09	13.17	13.06	14.50
		1	50	13.27	13.15	13.35	14.50
		1	99	13.14	13.20	13.12	14.50
		50	0	13.26	13.18	13.23	14.50
		50	25	13.28	13.18	13.30	14.50
		50	50	13.09	13.18	13.19	14.50
		100	0	13.23	13.07	13.31	14.50
	64QAM	1	0	13.30	13.13	13.29	14.50
		1	50	13.28	13.26	13.27	14.50
		1	99	13.26	13.26	13.26	14.50
		50	0	13.15	13.21	13.33	14.50
		50	25	13.29	13.21	13.30	14.50
		50	50	13.14	13.24	13.22	14.50
		100	0	13.21	13.21	13.25	14.50
	256QAM	1	0	13.26	13.18	13.24	14.50
		1	50	13.14	13.15	12.91	14.50



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		1	99	12.79	13.20	13.15	14.50
		50	0	13.28	13.19	12.68	14.50
		50	25	13.25	13.15	13.16	14.50
		50	50	13.18	13.21	13.24	14.50
		100	0	13.24	13.27	13.40	14.50



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LTE Band 7 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	12.18	12.02	12.09	13.50
		1	13	12.18	12.11	12.13	13.50
		1	24	12.14	12.04	12.15	13.50
		12	0	12.29	12.16	12.12	13.50
		12	6	12.29	12.08	12.19	13.50
		12	13	12.17	12.10	12.20	13.50
		25	0	12.19	12.10	12.30	13.50
	16QAM	1	0	12.18	12.27	11.81	13.50
		1	13	12.30	12.07	12.25	13.50
		1	24	12.34	12.07	12.24	13.50
		12	0	12.25	12.24	12.18	13.50
		12	6	12.15	12.10	12.16	13.50
		12	13	11.96	12.13	12.19	13.50
		25	0	12.13	12.03	12.18	13.50
	64QAM	1	0	12.30	12.10	12.04	13.50
		1	13	12.09	12.27	12.17	13.50
		1	24	12.05	11.91	11.96	13.50
		12	0	12.31	12.23	12.32	13.50
		12	6	12.20	12.11	12.25	13.50
		12	13	12.17	12.15	12.18	13.50
		25	0	12.14	12.14	12.26	13.50
	256QAM	1	0	12.18	12.20	12.37	13.50
		1	13	12.10	12.18	12.26	13.50
		1	24	12.00	12.06	12.77	13.50
		12	0	12.24	12.17	12.25	13.50
		12	6	12.24	12.13	12.16	13.50
		12	13	12.20	12.24	12.36	13.50
		25	0	12.17	12.03	12.29	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	12.24	12.09	12.21	13.50
		1	25	12.32	12.19	12.18	13.50
		1	49	12.18	12.15	12.25	13.50
		25	0	12.35	12.25	12.17	13.50
		25	13	12.41	12.14	12.32	13.50



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		25	25	12.22	12.22	12.32	13.50
		50	0	12.33	12.20	12.36	13.50
	16QAM	1	0	12.27	12.40	11.93	13.50
		1	25	12.35	12.23	12.27	13.50
		1	49	12.46	12.14	12.34	13.50
		25	0	12.32	12.34	12.29	13.50
		25	13	12.25	12.27	12.23	13.50
		25	25	12.09	12.24	12.29	13.50
		50	0	12.22	12.09	12.24	13.50
		1	0	12.35	12.25	12.18	13.50
	64QAM	1	25	12.17	12.32	12.31	13.50
		1	49	12.19	12.00	12.09	13.50
		25	0	12.40	12.27	12.40	13.50
		25	13	12.30	12.22	12.35	13.50
		25	25	12.25	12.22	12.30	13.50
		50	0	12.27	12.16	12.38	13.50
		1	0	12.28	12.32	12.47	13.50
	256QAM	1	25	12.16	12.30	12.42	13.50
		1	49	12.02	12.17	12.83	13.50
		25	0	12.33	12.32	12.36	13.50
		25	13	12.32	12.29	12.27	13.50
		25	25	12.27	12.35	12.48	13.50
		50	0	12.32	12.16	12.45	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	12.21	12.02	12.09	13.50
		1	38	12.15	12.06	12.06	13.50
		1	74	12.08	12.08	12.16	13.50
		36	0	12.31	12.17	12.12	13.50
		36	18	12.32	12.05	12.20	13.50
		36	39	12.19	12.09	12.20	13.50
		75	0	12.24	12.06	12.23	13.50
	16QAM	1	0	12.18	12.25	11.82	13.50
		1	38	12.27	12.07	12.22	13.50
		1	74	12.32	12.10	12.24	13.50
		36	0	12.19	12.21	12.23	13.50
		36	18	12.08	12.12	12.16	13.50
		36	39	12.03	12.16	12.13	13.50
		75	0	12.15	11.98	12.16	13.50



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	64QAM	1	0	12.29	12.09	12.11	13.50
		1	38	12.05	12.26	12.15	13.50
		1	74	12.10	11.91	11.95	13.50
		36	0	12.29	12.18	12.36	13.50
		36	18	12.21	12.09	12.29	13.50
		36	39	12.21	12.12	12.20	13.50
		75	0	12.15	12.09	12.27	13.50
	256QAM	1	0	12.15	12.21	12.40	13.50
		1	38	12.05	12.18	12.30	13.50
		1	74	12.00	12.11	12.79	13.50
		36	0	12.21	12.23	12.22	13.50
		36	18	12.19	12.16	12.13	13.50
		36	39	12.20	12.28	12.37	13.50
		75	0	12.22	12.05	12.28	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	12.22	12.06	12.12	13.50
		1	50	12.24	12.15	12.14	13.50
		1	99	12.17	12.11	12.17	13.50
		50	0	12.33	12.20	12.15	13.50
		50	25	12.33	12.12	12.25	13.50
		50	50	12.20	12.13	12.24	13.50
		100	0	12.26	12.13	12.31	13.50
	16QAM	1	0	12.23	12.32	11.84	13.50
		1	50	12.33	12.14	12.26	13.50
		1	99	12.38	12.13	12.32	13.50
		50	0	12.26	12.27	12.26	13.50
		50	25	12.17	12.18	12.19	13.50
		50	50	12.05	12.21	12.21	13.50
		100	0	12.21	12.07	12.22	13.50
	64QAM	1	0	12.31	12.16	12.12	13.50
		1	50	12.14	12.29	12.22	13.50
		1	99	12.13	11.92	12.04	13.50
		50	0	12.36	12.25	12.38	13.50
		50	25	12.26	12.14	12.30	13.50
		50	50	12.23	12.17	12.21	13.50
		100	0	12.20	12.15	12.32	13.50
	256QAM	1	0	12.23	12.23	12.43	13.50
		1	50	12.12	12.22	12.35	13.50



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		1	99	12.01	12.12	12.82	13.50
		50	0	12.29	12.26	12.27	13.50
		50	25	12.27	12.20	12.22	13.50
		50	50	12.24	12.31	12.42	13.50
		100	0	12.23	12.09	12.36	13.50



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LTE Band 7 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.27	18.92	19.04	20.50
		1	13	19.25	19.11	19.14	20.50
		1	24	19.08	19.10	19.07	20.50
		12	0	19.16	19.15	19.12	20.50
		12	6	19.17	19.12	18.94	20.50
		12	13	19.18	19.11	19.21	20.50
		25	0	19.08	19.10	19.25	20.50
	16QAM	1	0	18.83	19.06	19.11	20.50
		1	13	19.14	19.03	19.18	20.50
		1	24	19.25	19.03	19.09	20.50
		12	0	19.20	19.06	19.12	20.50
		12	6	19.23	19.07	19.12	20.50
		12	13	19.02	19.09	19.16	20.50
		25	0	19.13	19.09	19.24	20.50
	64QAM	1	0	19.24	19.17	19.32	20.50
		1	13	19.46	18.92	18.94	20.50
		1	24	18.98	19.24	19.17	20.50
		12	0	19.05	19.23	19.11	20.50
		12	6	19.12	19.04	19.23	20.50
		12	13	19.16	19.20	19.16	20.50
		25	0	19.10	19.17	19.27	20.50
	256QAM	1	0	17.73	17.53	17.85	19.00
		1	13	17.42	17.56	17.17	19.00
		1	24	17.39	17.48	17.60	19.00
		12	0	17.61	17.61	17.66	19.00
		12	6	17.73	17.69	17.75	19.00
		12	13	17.66	17.67	17.65	19.00
		25	0	17.70	17.64	17.79	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.35	19.09	19.07	20.50
		1	25	19.36	19.20	19.26	20.50
		1	49	19.23	19.23	19.15	20.50
		25	0	19.34	19.26	19.24	20.50
		25	13	19.28	19.25	19.05	20.50



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		25	25	19.28	19.22	19.32	20.50
		50	0	19.16	19.22	19.35	20.50
	16QAM	1	0	18.95	19.12	19.28	20.50
		1	25	19.27	19.16	19.21	20.50
		1	49	19.38	19.05	19.17	20.50
		25	0	19.26	19.12	19.20	20.50
		25	13	19.32	19.13	19.23	20.50
		25	25	19.07	19.19	19.29	20.50
		50	0	19.27	19.15	19.39	20.50
		1	0	19.39	19.25	19.41	20.50
	64QAM	1	25	19.54	19.04	19.04	20.50
		1	49	19.11	19.33	19.20	20.50
		25	0	19.14	19.29	19.16	20.50
		25	13	19.20	19.16	19.33	20.50
		25	25	19.31	19.24	19.24	20.50
		50	0	19.20	19.27	19.32	20.50
		1	0	17.86	17.65	17.93	19.00
		1	25	17.47	17.67	17.28	19.00
	256QAM	1	49	17.52	17.65	17.70	19.00
		25	0	17.78	17.70	17.11	19.00
		25	13	17.84	17.79	17.80	19.00
		25	25	17.77	17.77	17.74	19.00
		50	0	17.74	17.72	17.95	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.29	18.95	18.96	20.50
		1	38	19.28	19.18	19.17	20.50
		1	74	19.11	19.09	19.02	20.50
		36	0	19.18	19.15	19.15	20.50
		36	18	19.16	19.14	18.95	20.50
		36	39	19.17	19.11	19.18	20.50
		75	0	19.12	19.08	19.20	20.50
	16QAM	1	0	18.86	19.06	19.18	20.50
		1	38	19.15	19.02	19.16	20.50
		1	74	19.29	18.99	19.06	20.50
		36	0	19.16	19.02	19.13	20.50
		36	18	19.16	19.01	19.14	20.50
		36	39	18.98	19.08	19.14	20.50
		75	0	19.18	19.05	19.29	20.50



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	64QAM	1	0	19.24	19.23	19.26	20.50
		1	38	19.49	18.96	18.95	20.50
		1	74	19.02	19.21	19.11	20.50
		36	0	19.09	19.21	19.11	20.50
		36	18	19.16	18.99	19.20	20.50
		36	39	19.23	19.20	19.14	20.50
		75	0	19.09	19.15	19.22	20.50
	256QAM	1	0	17.73	17.59	17.87	19.00
		1	38	17.38	17.63	17.22	19.00
		1	74	17.37	17.54	17.65	19.00
		36	0	17.66	17.62	17.02	19.00
		36	18	17.73	17.68	17.71	19.00
		36	39	17.68	17.69	17.65	19.00
		75	0	17.69	17.62	17.77	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.33	19.01	19.05	20.50
		1	50	19.30	19.19	19.23	20.50
		1	99	19.16	19.14	19.09	20.50
		50	0	19.25	19.21	19.17	20.50
		50	25	19.25	19.16	19.02	20.50
		50	50	19.25	19.18	19.23	20.50
		100	0	19.14	19.17	19.26	20.50
	16QAM	1	0	18.92	19.10	19.20	20.50
		1	50	19.18	19.07	19.20	20.50
		1	99	19.33	19.04	19.15	20.50
		50	0	19.21	19.10	19.16	20.50
		50	25	19.25	19.10	19.16	20.50
		50	50	19.04	19.15	19.20	20.50
		100	0	19.21	19.13	19.30	20.50
	64QAM	1	0	19.33	19.24	19.34	20.50
		1	50	19.52	18.98	18.96	20.50
		1	99	19.07	19.26	19.18	20.50
		50	0	19.12	19.28	19.15	20.50
		50	25	19.17	19.08	19.29	20.50
		50	50	19.24	19.21	19.20	20.50
		100	0	19.16	19.18	19.31	20.50
	256QAM	1	0	17.78	17.60	17.90	19.00
		1	50	17.43	17.65	17.25	19.00



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		1	99	17.43	17.56	17.68	19.00
		50	0	17.70	17.69	17.03	19.00
		50	25	17.79	17.74	17.79	19.00
		50	50	17.71	17.72	17.68	19.00
		100	0	17.73	17.65	17.86	19.00



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LTE Band 7 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.18	17.06	17.14	18.50
		1	13	17.27	17.13	17.25	18.50
		1	24	17.10	17.12	17.22	18.50
		12	0	17.27	17.29	17.30	18.50
		12	6	17.33	17.22	17.31	18.50
		12	13	17.18	17.24	17.12	18.50
		25	0	17.29	17.17	17.23	18.50
	16QAM	1	0	17.01	17.00	17.02	18.50
		1	13	17.35	17.11	17.22	18.50
		1	24	17.28	17.28	17.22	18.50
		12	0	17.35	17.26	17.27	18.50
		12	6	17.28	17.12	17.21	18.50
		12	13	17.18	17.10	17.23	18.50
		25	0	17.27	17.15	17.29	18.50
	64QAM	1	0	17.20	17.05	17.19	18.50
		1	13	17.19	17.33	17.27	18.50
		1	24	17.18	16.67	17.18	18.50
		12	0	17.17	17.26	17.22	18.50
		12	6	17.25	17.20	17.40	18.50
		12	13	17.20	17.09	17.30	18.50
		25	0	17.23	17.15	17.30	18.50
	256QAM	1	0	17.18	17.28	17.07	18.50
		1	13	16.81	17.16	17.12	18.50
		1	24	17.17	17.54	17.72	18.50
		12	0	17.20	17.26	16.56	18.50
		12	6	17.39	17.22	17.28	18.50
		12	13	17.20	17.32	17.30	18.50
		25	0	17.18	17.14	17.42	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.17	17.05	17.15	18.50
		1	25	17.21	17.20	17.23	18.50
		1	49	17.10	17.17	17.27	18.50
		25	0	17.25	17.30	17.29	18.50
		25	13	17.28	17.17	17.33	18.50



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		25	25	17.17	17.21	17.14	18.50
		50	0	17.23	17.17	17.23	18.50
	16QAM	1	0	17.07	16.96	16.98	18.50
		1	25	17.27	17.10	17.22	18.50
		1	49	17.27	17.33	17.21	18.50
		25	0	17.31	17.18	17.25	18.50
		25	13	17.29	17.14	17.20	18.50
		25	25	17.17	17.10	17.24	18.50
		50	0	17.23	17.15	17.29	18.50
		1	0	17.18	17.01	17.18	18.50
	64QAM	1	25	17.14	17.33	17.26	18.50
		1	49	17.17	16.68	17.10	18.50
		25	0	17.13	17.29	17.26	18.50
		25	13	17.25	17.20	17.36	18.50
		25	25	17.27	17.12	17.24	18.50
		50	0	17.22	17.19	17.34	18.50
		1	0	17.11	17.31	17.08	18.50
	256QAM	1	25	16.81	17.15	17.16	18.50
		1	49	17.20	17.62	17.67	18.50
		25	0	17.23	17.26	16.58	18.50
		25	13	17.37	17.20	17.32	18.50
		25	25	17.25	17.27	17.27	18.50
		50	0	17.13	17.15	17.37	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.11	16.96	17.05	18.50
		1	38	17.15	17.07	17.17	18.50
		1	74	17.01	17.08	17.15	18.50
		36	0	17.18	17.17	17.23	18.50
		36	18	17.23	17.09	17.22	18.50
		36	39	17.11	17.09	17.06	18.50
		75	0	17.20	17.06	17.14	18.50
	16QAM	1	0	16.94	16.90	16.90	18.50
		1	38	17.18	16.99	17.16	18.50
		1	74	17.12	17.21	17.14	18.50
		36	0	17.22	17.15	17.16	18.50
		36	18	17.16	17.01	17.09	18.50
		36	39	17.13	17.02	17.17	18.50
		75	0	17.15	16.98	17.19	18.50



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	64QAM	1	0	17.08	16.92	17.08	18.50
		1	38	17.09	17.28	17.17	18.50
		1	74	17.02	16.56	17.02	18.50
		36	0	17.08	17.22	17.15	18.50
		36	18	17.10	17.09	17.27	18.50
		36	39	17.10	16.99	17.14	18.50
		75	0	17.13	17.06	17.21	18.50
	256QAM	1	0	17.04	17.15	16.99	18.50
		1	38	16.71	17.03	17.05	18.50
		1	74	17.10	17.49	17.65	18.50
		36	0	17.07	17.15	16.68	18.50
		36	18	17.27	17.11	17.22	18.50
		36	39	17.16	17.22	17.23	18.50
		75	0	17.08	17.04	17.30	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.22	17.07	17.16	18.50
		1	50	17.28	17.22	17.30	18.50
		1	99	17.13	17.21	17.31	18.50
		50	0	17.30	17.32	17.34	18.50
		50	25	17.31	17.24	17.35	18.50
		50	50	17.26	17.28	17.19	18.50
		100	0	17.31	17.23	17.29	18.50
	16QAM	1	0	16.99	16.95	16.97	18.50
		1	50	17.26	17.08	17.21	18.50
		1	99	17.19	17.24	17.17	18.50
		50	0	17.27	17.17	17.18	18.50
		50	25	17.20	17.08	17.13	18.50
		50	50	17.14	17.09	17.20	18.50
		100	0	17.18	17.07	17.26	18.50
	64QAM	1	0	17.15	16.97	17.17	18.50
		1	50	17.11	17.32	17.18	18.50
		1	99	17.09	16.59	17.09	18.50
		50	0	17.10	17.23	17.18	18.50
		50	25	17.19	17.12	17.31	18.50
		50	50	17.19	17.04	17.21	18.50
		100	0	17.19	17.12	17.26	18.50
	256QAM	1	0	17.09	17.23	17.01	18.50
		1	50	16.77	17.12	17.09	18.50



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		1	99	17.15	17.53	17.66	18.50
		50	0	17.14	17.24	16.50	18.50
		50	25	17.31	17.19	17.24	18.50
		50	50	17.18	17.24	17.24	18.50
		100	0	17.10	17.12	17.34	18.50



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LTE Band 7 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.49	14.51	14.69	16.00
		1	13	14.65	14.57	14.75	16.00
		1	24	14.70	14.57	14.60	16.00
		12	0	14.83	14.66	14.75	16.00
		12	6	14.80	14.59	14.85	16.00
		12	13	14.80	14.65	14.68	16.00
		25	0	14.87	14.68	14.69	16.00
	16QAM	1	0	15.10	14.53	14.55	16.00
		1	13	15.06	14.90	14.61	16.00
		1	24	14.82	14.65	14.70	16.00
		12	0	14.75	14.72	14.81	16.00
		12	6	14.51	14.56	14.82	16.00
		12	13	14.49	14.70	14.83	16.00
		25	0	14.78	14.75	14.78	16.00
	64QAM	1	0	14.51	14.87	14.94	16.00
		1	13	14.66	14.95	14.62	16.00
		1	24	14.86	14.85	14.70	16.00
		12	0	14.81	14.69	14.86	16.00
		12	6	14.72	14.74	14.91	16.00
		12	13	14.67	14.69	14.75	16.00
		25	0	14.75	14.68	14.84	16.00
	256QAM	1	0	14.76	14.75	14.79	16.00
		1	13	14.64	14.61	14.81	16.00
		1	24	14.55	14.61	14.48	16.00
		12	0	14.85	14.75	14.08	16.00
		12	6	14.85	14.63	14.81	16.00
		12	13	14.72	14.64	14.74	16.00
		25	0	14.77	14.69	14.84	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	14.45	14.57	14.69	16.00
		1	25	14.72	14.51	14.74	16.00
		1	49	14.65	14.59	14.62	16.00
		25	0	14.79	14.71	14.76	16.00
		25	13	14.76	14.57	14.78	16.00



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		25	25	14.78	14.73	14.70	16.00
		50	0	14.85	14.67	14.69	16.00
	16QAM	1	0	15.09	14.52	14.57	16.00
		1	25	15.12	14.86	14.61	16.00
		1	49	14.79	14.61	14.72	16.00
		25	0	14.72	14.74	14.76	16.00
		25	13	14.48	14.57	14.86	16.00
		25	25	14.50	14.72	14.80	16.00
		50	0	14.74	14.71	14.75	16.00
		1	0	14.46	14.84	14.99	16.00
	64QAM	1	25	14.69	14.99	14.61	16.00
		1	49	14.88	14.85	14.71	16.00
		25	0	14.77	14.70	14.82	16.00
		25	13	14.76	14.70	14.90	16.00
		25	25	14.72	14.64	14.73	16.00
		50	0	14.73	14.72	14.88	16.00
		1	0	14.73	14.74	14.82	16.00
		1	25	14.58	14.60	14.78	16.00
	256QAM	1	49	14.56	14.62	14.43	16.00
		25	0	14.86	14.75	14.09	16.00
		25	13	14.78	14.60	14.78	16.00
		25	25	14.73	14.65	14.74	16.00
		50	0	14.77	14.69	14.89	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	14.37	14.41	14.62	16.00
		1	38	14.62	14.41	14.60	16.00
		1	74	14.58	14.51	14.49	16.00
		36	0	14.75	14.55	14.66	16.00
		36	18	14.65	14.44	14.68	16.00
		36	39	14.65	14.63	14.65	16.00
		75	0	14.74	14.51	14.59	16.00
	16QAM	1	0	14.99	14.49	14.48	16.00
		1	38	14.95	14.78	14.59	16.00
		1	74	14.75	14.52	14.68	16.00
		36	0	14.58	14.67	14.69	16.00
		36	18	14.44	14.47	14.79	16.00
		36	39	14.38	14.61	14.66	16.00
		75	0	14.62	14.61	14.61	16.00



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	64QAM	1	0	14.36	14.70	14.90	16.00
		1	38	14.57	14.85	14.47	16.00
		1	74	14.73	14.75	14.58	16.00
		36	0	14.68	14.64	14.77	16.00
		36	18	14.64	14.59	14.83	16.00
		36	39	14.61	14.60	14.64	16.00
		75	0	14.67	14.62	14.76	16.00
	256QAM	1	0	14.60	14.71	14.71	16.00
		1	38	14.53	14.43	14.69	16.00
		1	74	14.41	14.58	14.34	16.00
		36	0	14.68	14.72	14.01	16.00
		36	18	14.72	14.53	14.72	16.00
		36	39	14.57	14.59	14.69	16.00
		75	0	14.69	14.58	14.72	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	14.42	14.48	14.64	16.00
		1	50	14.64	14.50	14.68	16.00
		1	99	14.62	14.53	14.56	16.00
		50	0	14.77	14.64	14.74	16.00
		50	25	14.71	14.53	14.77	16.00
		50	50	14.71	14.64	14.66	16.00
		100	0	14.79	14.59	14.63	16.00
	16QAM	1	0	15.05	14.50	14.51	16.00
		1	50	15.04	14.83	14.60	16.00
		1	99	14.76	14.60	14.69	16.00
		50	0	14.66	14.70	14.75	16.00
		50	25	14.47	14.50	14.80	16.00
		50	50	14.44	14.69	14.75	16.00
		100	0	14.69	14.70	14.70	16.00
	64QAM	1	0	14.43	14.79	14.91	16.00
		1	50	14.60	14.93	14.53	16.00
		1	99	14.81	14.78	14.65	16.00
		50	0	14.76	14.66	14.79	16.00
		50	25	14.71	14.65	14.86	16.00
		50	50	14.65	14.61	14.70	16.00
		100	0	14.72	14.65	14.82	16.00
	256QAM	1	0	14.69	14.72	14.78	16.00
		1	50	14.57	14.52	14.76	16.00



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		1	99	14.50	14.60	14.41	16.00
		50	0	14.77	14.73	14.07	16.00
		50	25	14.76	14.56	14.73	16.00
		50	50	14.65	14.63	14.73	16.00
		100	0	14.71	14.60	14.80	16.00



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LTE FDD Band 12 DS14/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.11	23.13	23.27	24.50
		1	2	23.19	23.12	23.13	24.50
		1	5	23.13	23.09	23.10	24.50
		3	0	23.19	23.11	23.13	24.50
		3	2	23.18	23.16	23.15	24.50
		3	3	23.16	23.14	23.14	24.50
		6	0	22.39	22.26	22.22	23.50
	16QAM	1	0	22.53	22.26	21.93	23.50
		1	2	22.90	22.47	22.17	23.50
		1	5	22.60	22.00	21.98	23.50
		3	0	22.58	21.93	22.03	23.50
		3	2	22.61	21.93	21.98	23.50
		3	3	22.64	21.95	21.99	23.50
		6	0	21.27	21.02	21.22	22.50
	64QAM	1	0	22.15	21.32	21.48	22.50
		1	2	22.35	21.35	21.24	22.50
		1	5	22.24	21.21	21.41	22.50
		3	0	22.23	21.24	21.42	22.50
		3	2	22.23	21.24	21.43	22.50
		3	3	22.26	21.27	21.41	22.50
		6	0	21.11	20.24	20.13	21.50
	256QAM	1	0	18.58	18.43	18.17	19.50
		1	2	18.36	18.38	18.40	19.50
		1	5	18.31	18.27	18.32	19.50
		3	0	18.44	18.28	18.27	19.50
		3	2	18.44	18.18	18.28	19.50
		3	3	18.31	18.04	18.38	19.50
		6	0	18.38	18.26	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.08	23.13	23.29	24.50
		1	7	23.20	23.16	23.16	24.50
		1	14	23.16	23.15	23.14	24.50
		8	0	22.13	22.39	22.32	23.50
		8	4	22.30	22.33	22.32	23.50



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		8	7	22.49	22.34	22.37	23.50
		15	0	22.36	22.21	22.30	23.50
	16QAM	1	0	22.51	22.26	21.86	23.50
		1	7	22.96	22.44	22.18	23.50
		1	14	22.66	21.94	22.02	23.50
		8	0	21.41	21.30	21.35	22.50
		8	4	21.39	21.22	21.32	22.50
		8	7	21.35	21.22	21.29	22.50
		15	0	21.32	21.02	21.27	22.50
		1	0	22.20	21.36	21.47	22.50
	64QAM	1	7	22.42	21.29	21.23	22.50
		1	14	22.25	21.27	21.37	22.50
		8	0	21.33	20.40	20.39	21.50
		8	4	21.47	20.37	20.28	21.50
		8	7	21.27	20.33	20.27	21.50
		15	0	21.10	20.21	20.17	21.50
		1	0	18.55	18.43	18.12	19.50
	256QAM	1	7	18.32	18.39	18.39	19.50
		1	14	18.35	18.25	18.32	19.50
		8	0	18.37	18.23	18.27	19.50
		8	4	18.48	18.12	18.34	19.50
		8	7	18.31	18.04	18.36	19.50
		15	0	18.35	18.29	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.04	23.19	23.24	24.50
		1	13	23.20	23.12	23.16	24.50
		1	24	23.16	23.14	23.12	24.50
		12	0	22.14	22.35	22.28	23.50
		12	6	22.29	22.38	22.27	23.50
		12	13	22.46	22.33	22.36	23.50
		25	0	22.37	22.22	22.22	23.50
	16QAM	1	0	22.56	22.25	21.88	23.50
		1	13	22.88	22.46	22.19	23.50
		1	24	22.58	21.98	22.05	23.50
		12	0	21.44	21.22	21.36	22.50
		12	6	21.33	21.18	21.30	22.50
		12	13	21.39	21.24	21.26	22.50
		25	0	21.33	20.98	21.20	22.50



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	64QAM	1	0	22.15	21.33	21.52	22.50
		1	13	22.38	21.33	21.25	22.50
		1	24	22.28	21.22	21.42	22.50
		12	0	21.32	20.40	20.37	21.50
		12	6	21.44	20.32	20.26	21.50
		12	13	21.34	20.31	20.22	21.50
		25	0	21.13	20.23	20.17	21.50
	256QAM	1	0	18.58	18.43	18.15	19.50
		1	13	18.31	18.43	18.38	19.50
		1	24	18.28	18.26	18.30	19.50
		12	0	18.40	18.22	18.28	19.50
		12	6	18.47	18.19	18.32	19.50
		12	13	18.31	18.06	18.40	19.50
		25	0	18.34	18.25	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.13	23.22	23.33	24.50
		1	25	23.25	23.19	23.22	24.50
		1	49	23.21	23.18	23.19	24.50
		25	0	22.18	22.42	22.34	23.50
		25	13	22.35	22.40	22.34	23.50
		25	25	22.53	22.37	22.45	23.50
		50	0	22.40	22.28	22.31	23.50
	16QAM	1	0	22.58	22.29	21.94	23.50
		1	25	22.97	22.50	22.26	23.50
		1	49	22.67	22.01	22.07	23.50
		25	0	21.46	21.31	21.41	22.50
		25	13	21.40	21.24	21.37	22.50
		25	25	21.42	21.31	21.33	22.50
		50	0	21.34	21.06	21.29	22.50
	64QAM	1	0	22.24	21.38	21.54	22.50
		1	25	22.44	21.36	21.29	22.50
		1	49	22.30	21.29	21.46	22.50
		25	0	21.39	20.43	20.41	21.50
		25	13	21.48	20.39	20.30	21.50
		25	25	21.35	20.39	20.31	21.50
		50	0	21.16	20.27	20.18	21.50
	256QAM	1	0	18.63	18.46	18.20	19.50
		1	25	18.39	18.47	18.46	19.50



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		1	49	18.36	18.34	18.36	19.50
		25	0	18.46	18.29	18.31	19.50
		25	13	18.51	18.21	18.36	19.50
		25	25	18.36	18.09	18.43	19.50
		50	0	18.41	18.31	18.34	19.50



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LTE FDD Band 12 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	21.26	21.05	21.17	22.50
		1	2	21.23	21.33	21.20	22.50
		1	5	21.29	21.22	21.20	22.50
		3	0	21.38	21.23	21.10	22.50
		3	2	21.41	21.35	21.20	22.50
		3	3	21.31	21.35	21.16	22.50
		6	0	21.26	21.25	21.04	22.50
	16QAM	1	0	21.25	21.27	21.24	22.50
		1	2	21.64	21.42	21.16	22.50
		1	5	21.69	20.94	21.17	22.50
		3	0	21.27	21.14	21.10	22.50
		3	2	21.29	21.20	20.95	22.50
		3	3	21.12	21.22	21.06	22.50
		6	0	21.27	21.18	21.00	22.50
	64QAM	1	0	21.36	21.54	21.32	22.50
		1	2	21.42	21.53	21.27	22.50
		1	5	20.95	20.82	21.38	22.50
		3	0	20.98	20.88	21.38	22.50
		3	2	20.93	20.88	21.33	22.50
		3	3	20.95	20.89	21.38	22.50
		6	0	21.27	20.27	20.10	21.50
	256QAM	1	0	18.34	18.32	18.46	19.50
		1	2	18.41	18.38	18.48	19.50
		1	5	18.24	18.22	18.21	19.50
		3	0	18.40	18.35	18.39	19.50
		3	2	18.37	18.31	18.18	19.50
		3	3	18.37	18.29	18.26	19.50
		6	0	18.38	18.37	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	21.20	21.06	21.19	22.50
		1	7	21.22	21.36	21.28	22.50
		1	14	21.30	21.23	21.20	22.50
		8	0	21.35	21.25	21.07	22.50
		8	4	21.40	21.30	21.13	22.50



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		8	7	21.33	21.31	21.22	22.50
		15	0	21.25	21.25	21.06	22.50
	16QAM	1	0	21.33	21.23	21.23	22.50
		1	7	21.68	21.41	21.18	22.50
		1	14	21.66	20.96	21.15	22.50
		8	0	21.27	21.07	21.11	22.50
		8	4	21.36	21.14	20.95	22.50
		8	7	21.17	21.21	21.05	22.50
		15	0	21.29	21.26	20.97	22.50
		1	0	21.42	21.60	21.24	22.50
	64QAM	1	7	21.45	21.52	21.26	22.50
		1	14	20.95	20.85	21.40	22.50
		8	0	21.19	20.13	20.20	21.50
		8	4	20.44	20.33	20.27	21.50
		8	7	21.26	20.22	20.14	21.50
		15	0	21.31	20.23	20.05	21.50
		1	0	18.29	18.31	18.39	19.50
	256QAM	1	7	18.48	18.32	18.49	19.50
		1	14	18.19	18.23	18.22	19.50
		8	0	18.39	18.34	18.37	19.50
		8	4	18.34	18.30	18.20	19.50
		8	7	18.32	18.27	18.19	19.50
		15	0	18.37	18.37	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	21.20	21.10	21.17	22.50
		1	13	21.23	21.31	21.26	22.50
		1	24	21.30	21.16	21.14	22.50
		12	0	21.36	21.29	21.08	22.50
		12	6	21.42	21.37	21.14	22.50
		12	13	21.29	21.31	21.23	22.50
		25	0	21.24	21.26	21.00	22.50
	16QAM	1	0	21.29	21.22	21.21	22.50
		1	13	21.67	21.47	21.22	22.50
		1	24	21.66	20.94	21.18	22.50
		12	0	21.32	21.14	21.09	22.50
		12	6	21.35	21.15	20.93	22.50
		12	13	21.14	21.24	20.99	22.50
		25	0	21.29	21.22	20.98	22.50



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	64QAM	1	0	21.34	21.55	21.31	22.50
		1	13	21.46	21.55	21.24	22.50
		1	24	20.93	20.84	21.35	22.50
		12	0	21.21	20.09	20.22	21.50
		12	6	20.50	20.28	20.27	21.50
		12	13	21.21	20.22	20.13	21.50
		25	0	21.23	20.31	20.11	21.50
	256QAM	1	0	18.31	18.35	18.40	19.50
		1	13	18.45	18.32	18.46	19.50
		1	24	18.20	18.25	18.23	19.50
		12	0	18.37	18.36	18.35	19.50
		12	6	18.35	18.31	18.21	19.50
		12	13	18.39	18.28	18.21	19.50
		25	0	18.43	18.42	18.31	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	21.28	21.12	21.24	22.50
		1	25	21.28	21.40	21.29	22.50
		1	49	21.31	21.24	21.22	22.50
		25	0	21.41	21.32	21.15	22.50
		25	13	21.48	21.38	21.22	22.50
		25	25	21.34	21.36	21.25	22.50
		50	0	21.32	21.32	21.09	22.50
	16QAM	1	0	21.34	21.29	21.28	22.50
		1	25	21.73	21.49	21.23	22.50
		1	49	21.74	21.02	21.21	22.50
		25	0	21.34	21.16	21.18	22.50
		25	13	21.37	21.22	20.97	22.50
		25	25	21.19	21.29	21.08	22.50
		50	0	21.33	21.27	21.02	22.50
	64QAM	1	0	21.43	21.63	21.33	22.50
		1	25	21.47	21.56	21.28	22.50
		1	49	21.00	20.91	21.42	22.50
		25	0	21.28	20.17	20.28	21.50
		25	13	20.51	20.35	20.29	21.50
		25	25	21.27	20.28	20.17	21.50
		50	0	21.32	20.32	20.12	21.50
	256QAM	1	0	18.37	18.37	18.48	19.50
		1	25	18.50	18.41	18.52	19.50



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		1	49	18.25	18.28	18.29	19.50
		25	0	18.44	18.37	18.40	19.50
		25	13	18.41	18.35	18.26	19.50
		25	25	18.41	18.35	18.28	19.50
		50	0	18.45	18.43	18.32	19.50



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LTE FDD Band 12 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	20.32	20.24	20.22	21.50
		1	2	20.36	20.29	20.22	21.50
		1	5	20.15	20.24	20.16	21.50
		3	0	20.39	20.30	20.29	21.50
		3	2	20.36	20.33	20.28	21.50
		3	3	20.33	20.37	20.35	21.50
		6	0	20.42	20.37	20.25	21.50
	16QAM	1	0	20.67	20.43	20.25	21.50
		1	2	20.41	20.36	20.26	21.50
		1	5	20.10	20.29	20.19	21.50
		3	0	20.10	20.13	20.30	21.50
		3	2	20.38	20.28	20.27	21.50
		3	3	20.35	20.24	20.31	21.50
		6	0	20.37	20.27	20.38	21.50
	64QAM	1	0	20.14	20.39	20.35	21.50
		1	2	20.30	20.22	20.42	21.50
		1	5	20.38	20.25	20.12	21.50
		3	0	20.13	20.27	20.29	21.50
		3	2	20.23	20.33	20.17	21.50
		3	3	20.12	20.37	20.14	21.50
		6	0	20.27	20.08	20.09	21.50
	256QAM	1	0	18.48	18.40	18.29	19.50
		1	2	18.33	18.26	18.49	19.50
		1	5	18.81	18.35	18.26	19.50
		3	0	18.32	18.36	18.26	19.50
		3	2	18.36	18.30	18.04	19.50
		3	3	18.31	18.25	18.30	19.50
		6	0	18.43	18.08	18.19	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	20.26	20.23	20.22	21.50
		1	7	20.38	20.32	20.26	21.50
		1	14	20.21	20.22	20.10	21.50
		8	0	20.33	20.28	20.33	21.50
		8	4	20.36	20.29	20.24	21.50



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		8	7	20.26	20.41	20.35	21.50
		15	0	20.38	20.36	20.27	21.50
	16QAM	1	0	20.66	20.48	20.27	21.50
		1	7	20.41	20.37	20.29	21.50
		1	14	20.12	20.33	20.18	21.50
		8	0	20.13	20.16	20.26	21.50
		8	4	20.39	20.24	20.28	21.50
		8	7	20.36	20.22	20.28	21.50
		15	0	20.41	20.28	20.38	21.50
		1	0	20.12	20.35	20.32	21.50
	64QAM	1	7	20.28	20.17	20.44	21.50
		1	14	20.42	20.30	20.12	21.50
		8	0	20.15	20.32	20.29	21.50
		8	4	20.23	20.33	20.20	21.50
		8	7	20.12	20.32	20.14	21.50
		15	0	20.28	20.14	20.03	21.50
		1	0	18.47	18.39	18.28	19.50
	256QAM	1	7	18.31	18.26	18.49	19.50
		1	14	18.82	18.32	18.26	19.50
		8	0	18.35	18.36	18.27	19.50
		8	4	18.37	18.30	18.09	19.50
		8	7	18.33	18.27	18.23	19.50
		15	0	18.41	18.10	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	20.24	20.20	20.26	21.50
		1	13	20.37	20.29	20.28	21.50
		1	24	20.21	20.24	20.09	21.50
		12	0	20.40	20.35	20.29	21.50
		12	6	20.38	20.28	20.24	21.50
		12	13	20.26	20.36	20.31	21.50
		25	0	20.42	20.37	20.26	21.50
	16QAM	1	0	20.63	20.50	20.30	21.50
		1	13	20.36	20.31	20.24	21.50
		1	24	20.12	20.32	20.19	21.50
		12	0	20.14	20.18	20.32	21.50
		12	6	20.33	20.23	20.23	21.50
		12	13	20.41	20.25	20.29	21.50
		25	0	20.38	20.26	20.33	21.50



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		1	0	20.08	20.41	20.31	21.50
		1	13	20.29	20.22	20.42	21.50
		1	24	20.43	20.26	20.12	21.50
	64QAM	12	0	20.14	20.26	20.32	21.50
		12	6	20.24	20.35	20.15	21.50
		12	13	20.18	20.36	20.19	21.50
		25	0	20.29	20.13	20.04	21.50
		1	0	18.45	18.42	18.26	19.50
		1	13	18.30	18.21	18.49	19.50
		1	24	18.79	18.32	18.29	19.50
	256QAM	12	0	18.36	18.30	18.19	19.50
		12	6	18.40	18.28	18.08	19.50
		12	13	18.31	18.24	18.28	19.50
		25	0	18.40	18.09	18.16	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	20.33	20.29	20.30	21.50
		1	25	20.40	20.33	20.31	21.50
		1	49	20.23	20.29	20.18	21.50
		25	0	20.41	20.37	20.37	21.50
		25	13	20.44	20.34	20.33	21.50
		25	25	20.35	20.42	20.38	21.50
		50	0	20.44	20.38	20.33	21.50
	16QAM	1	0	20.68	20.51	20.33	21.50
		1	25	20.44	20.40	20.32	21.50
		1	49	20.18	20.37	20.27	21.50
		25	0	20.16	20.19	20.34	21.50
		25	13	20.42	20.31	20.31	21.50
		25	25	20.42	20.27	20.32	21.50
		50	0	20.46	20.35	20.39	21.50
	64QAM	1	0	20.17	20.43	20.36	21.50
		1	25	20.36	20.24	20.45	21.50
		1	49	20.45	20.33	20.13	21.50
		25	0	20.16	20.34	20.36	21.50
		25	13	20.32	20.37	20.22	21.50
		25	25	20.19	20.41	20.20	21.50
		50	0	20.36	20.15	20.10	21.50
	256QAM	1	0	18.54	18.43	18.32	19.50
		1	25	18.39	18.30	18.50	19.50



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		1	49	18.83	18.38	18.33	19.50
		25	0	18.39	18.38	18.28	19.50
		25	13	18.44	18.37	18.11	19.50
		25	25	18.36	18.29	18.31	19.50
		50	0	18.45	18.16	18.23	19.50



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LTE FDD Band 13 DS14/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.86	22.85	22.83	24.00
		1	13	22.84	22.79	22.82	24.00
		1	24	22.35	22.35	22.41	24.00
		12	0	21.81	21.88	21.87	23.00
		12	6	21.95	21.90	21.93	23.00
		12	13	21.81	21.83	21.81	23.00
		25	0	21.90	21.89	21.85	23.00
	16QAM	1	0	21.64	21.60	21.64	23.00
		1	13	21.43	21.49	21.43	23.00
		1	24	21.66	21.69	21.71	23.00
		12	0	20.87	20.85	20.87	22.00
		12	6	20.88	20.94	20.95	22.00
		12	13	20.92	20.87	20.89	22.00
		25	0	20.85	20.82	20.77	22.00
	64QAM	1	0	20.79	20.84	20.85	22.00
		1	13	20.83	20.81	20.86	22.00
		1	24	20.83	20.83	20.78	22.00
		12	0	19.82	19.86	19.82	21.00
		12	6	19.79	19.81	19.84	21.00
		12	13	19.75	19.78	19.83	21.00
		25	0	19.74	19.80	19.79	21.00
	256QAM	1	0	17.74	17.68	17.68	19.00
		1	13	17.75	17.75	17.79	19.00
		1	24	17.56	17.58	17.54	19.00
		12	0	17.80	17.80	17.81	19.00
		12	6	17.93	17.91	17.90	19.00
		12	13	17.93	17.95	17.93	19.00
		25	0	17.82	17.84	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23230	/	24.00
		1	25	/	22.86	/	24.00
		1	49	/	22.44	/	24.00
		25	0	/	21.89	/	23.00
		25	13	/	21.96	/	23.00



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		25	25	/	21.85	/	23.00
		50	0	/	21.94	/	23.00
	16QAM	1	0	/	21.66	/	23.00
		1	25	/	21.51	/	23.00
		1	49	/	21.72	/	23.00
		25	0	/	20.88	/	22.00
		25	13	/	20.97	/	22.00
		25	25	/	20.95	/	22.00
		50	0	/	20.86	/	22.00
		1	0	/	20.86	/	22.00
	64QAM	1	25	/	20.87	/	22.00
		1	49	/	20.85	/	22.00
		25	0	/	19.90	/	21.00
		25	13	/	19.86	/	21.00
		25	25	/	19.84	/	21.00
		50	0	/	19.81	/	21.00
		1	0	/	17.76	/	19.00
	256QAM	1	25	/	17.82	/	19.00
		1	49	/	17.63	/	19.00
		25	0	/	17.87	/	19.00
		25	13	/	17.96	/	19.00
		25	25	/	17.96	/	19.00
		50	0	/	17.88	/	19.00



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LTE FDD Band 13 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	21.69	21.68	21.71	23.00
		1	13	21.81	21.84	21.82	23.00
		1	24	21.68	21.66	21.67	23.00
		12	0	21.78	21.82	21.80	23.00
		12	6	21.75	21.74	21.75	23.00
		12	13	21.93	21.92	21.87	23.00
		25	0	21.84	21.78	21.82	23.00
	16QAM	1	0	21.71	21.65	21.67	23.00
		1	13	21.69	21.71	21.70	23.00
		1	24	21.65	21.72	21.69	23.00
		12	0	20.86	20.86	20.82	22.00
		12	6	20.70	20.68	20.69	22.00
		12	13	20.73	20.73	20.78	22.00
		25	0	20.74	20.77	20.77	22.00
	64QAM	1	0	20.60	20.62	20.59	22.00
		1	13	20.88	20.94	20.88	22.00
		1	24	20.59	20.57	20.58	22.00
		12	0	19.84	19.82	19.79	21.00
		12	6	19.83	19.83	19.82	21.00
		12	13	19.92	19.87	19.86	21.00
		25	0	19.74	19.75	19.70	21.00
	256QAM	1	0	17.59	17.62	17.62	19.00
		1	13	17.65	17.60	17.57	19.00
		1	24	17.67	17.66	17.64	19.00
		12	0	17.77	17.78	17.81	19.00
		12	6	17.81	17.79	17.79	19.00
		12	13	17.83	17.80	17.80	19.00
		25	0	17.79	17.75	17.82	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23230	/	23.00
		1	25	/	21.89	/	23.00
		1	49	/	21.71	/	23.00
		25	0	/	21.84	/	23.00
		25	13	/	21.77	/	23.00



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		25	25	/	21.94	/	23.00
		50	0	/	21.85	/	23.00
	16QAM	1	0	/	21.73	/	23.00
		1	25	/	21.74	/	23.00
		1	49	/	21.74	/	23.00
		25	0	/	20.88	/	22.00
		25	13	/	20.75	/	22.00
		25	25	/	20.82	/	22.00
		50	0	/	20.83	/	22.00
		1	0	/	20.67	/	22.00
	64QAM	1	25	/	20.97	/	22.00
		1	49	/	20.63	/	22.00
		25	0	/	19.85	/	21.00
		25	13	/	19.84	/	21.00
		25	25	/	19.94	/	21.00
		50	0	/	19.79	/	21.00
		1	0	/	17.63	/	19.00
	256QAM	1	25	/	17.66	/	19.00
		1	49	/	17.70	/	19.00
		25	0	/	17.86	/	19.00
		25	13	/	17.84	/	19.00
		25	25	/	17.84	/	19.00
		50	0	/	17.84	/	19.00



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LTE FDD Band 13 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	20.75	20.72	20.67	22.00
		1	13	20.85	20.80	20.84	22.00
		1	24	20.68	20.64	20.66	22.00
		12	0	20.78	20.85	20.86	22.00
		12	6	20.73	20.81	20.77	22.00
		12	13	20.87	20.88	20.81	22.00
		25	0	20.78	20.74	20.78	22.00
	16QAM	1	0	20.66	20.66	20.73	22.00
		1	13	20.57	20.56	20.56	22.00
		1	24	20.86	20.79	20.85	22.00
		12	0	20.77	20.78	20.80	22.00
		12	6	20.70	20.75	20.71	22.00
		12	13	20.78	20.80	20.78	22.00
		25	0	20.68	20.71	20.74	22.00
	64QAM	1	0	20.80	20.83	20.84	22.00
		1	13	20.97	20.99	21.00	22.00
		1	24	20.33	20.34	20.38	22.00
		12	0	19.84	19.80	19.86	21.00
		12	6	19.77	19.83	19.82	21.00
		12	13	19.82	19.79	19.78	21.00
		25	0	19.68	19.72	19.67	21.00
	256QAM	1	0	17.29	17.32	17.28	19.00
		1	13	17.61	17.64	17.65	19.00
		1	24	17.80	17.78	17.80	19.00
		12	0	17.78	17.79	17.79	19.00
		12	6	17.81	17.79	17.82	19.00
		12	13	17.85	17.83	17.82	19.00
		25	0	17.77	17.77	17.72	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23230	/	22.00
		1	25	/	20.87	/	22.00
		1	49	/	20.69	/	22.00
		25	0	/	20.87	/	22.00
		25	13	/	20.82	/	22.00



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		25	25	/	20.9	/	22.00
		50	0	/	20.81	/	22.00
	16QAM	1	0	/	20.74	/	22.00
		1	25	/	20.65	/	22.00
		1	49	/	20.87	/	22.00
		25	0	/	20.81	/	22.00
		25	13	/	20.78	/	22.00
		25	25	/	20.86	/	22.00
		50	0	/	20.76	/	22.00
		1	0	/	20.89	/	22.00
	64QAM	1	25	/	21.02	/	22.00
		1	49	/	20.41	/	22.00
		25	0	/	19.88	/	21.00
		25	13	/	19.86	/	21.00
		25	25	/	19.83	/	21.00
		50	0	/	19.74	/	21.00
		1	0	/	17.36	/	19.00
	256QAM	1	25	/	17.67	/	19.00
		1	49	/	17.87	/	19.00
		25	0	/	17.83	/	19.00
		25	13	/	17.87	/	19.00
		25	25	/	17.89	/	19.00
		50	0	/	17.79	/	19.00



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LTE FDD Band 17 DS14/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.45	23.09	23.14	24.50
		1	13	23.32	23.44	23.30	24.50
		1	24	23.23	23.20	23.09	24.50
		12	0	22.43	22.32	22.44	23.50
		12	6	22.46	22.33	22.28	23.50
		12	13	22.33	22.42	22.27	23.50
		25	0	22.41	22.10	22.33	23.50
	16QAM	1	0	22.54	22.12	22.04	23.50
		1	13	22.11	22.04	22.42	23.50
		1	24	22.19	22.07	22.15	23.50
		12	0	21.38	21.32	21.27	22.50
		12	6	21.35	21.28	21.21	22.50
		12	13	21.39	21.41	21.28	22.50
		25	0	21.32	21.31	21.34	22.50
	64QAM	1	0	21.46	21.30	21.16	22.50
		1	13	21.14	21.28	21.41	22.50
		1	24	21.36	21.06	21.16	22.50
		12	0	20.28	20.25	20.35	21.50
		12	6	20.33	20.37	20.45	21.50
		12	13	20.32	20.34	20.40	21.50
		25	0	20.32	20.35	20.32	21.50
	256QAM	1	0	18.49	18.15	18.55	19.50
		1	13	18.40	18.29	18.43	19.50
		1	24	18.48	18.38	18.35	19.50
		12	0	18.37	18.22	18.40	19.50
		12	6	18.47	18.37	18.37	19.50
		12	13	18.37	18.41	18.27	19.50
		25	0	18.41	18.40	18.19	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.48	23.11	23.23	24.50
		1	25	23.34	23.45	23.38	24.50
		1	49	23.26	23.27	23.14	24.50
		25	0	22.51	22.37	22.49	23.50
		25	13	22.47	22.37	22.32	23.50



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		25	25	22.41	22.46	22.32	23.50
		50	0	22.43	22.19	22.34	23.50
	16QAM	1	0	22.58	22.14	22.07	23.50
		1	25	22.13	22.05	22.43	23.50
		1	49	22.28	22.16	22.19	23.50
		25	0	21.42	21.33	21.28	22.50
		25	13	21.43	21.33	21.24	22.50
		25	25	21.40	21.43	21.33	22.50
		50	0	21.38	21.39	21.35	22.50
		1	0	21.55	21.36	21.24	22.50
	64QAM	1	25	21.21	21.32	21.46	22.50
		1	49	21.41	21.15	21.18	22.50
		25	0	20.29	20.29	20.36	21.50
		25	13	20.42	20.38	20.46	21.50
		25	25	20.37	20.38	20.43	21.50
		50	0	20.37	20.41	20.39	21.50
		1	0	18.53	18.19	18.59	19.50
	256QAM	1	25	18.44	18.36	18.51	19.50
		1	49	18.52	18.42	18.39	19.50
		25	0	18.44	18.24	18.42	19.50
		25	13	18.48	18.39	18.43	19.50
		25	25	18.43	18.46	18.36	19.50
		50	0	18.50	18.45	18.27	19.50



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LTE FDD Band 17 DSI2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	21.37	21.18	21.23	22.50
		1	13	21.26	21.28	21.27	22.50
		1	24	21.24	21.42	21.22	22.50
		12	0	21.40	21.34	21.34	22.50
		12	6	21.40	21.39	21.34	22.50
		12	13	21.37	21.39	21.37	22.50
		25	0	21.36	21.21	21.23	22.50
	16QAM	1	0	21.18	21.07	21.39	22.50
		1	13	21.28	21.26	21.09	22.50
		1	24	21.18	21.17	20.88	22.50
		12	0	21.21	21.37	21.27	22.50
		12	6	21.34	21.21	21.17	22.50
		12	13	20.92	21.09	21.25	22.50
		25	0	21.41	21.06	21.26	22.50
	64QAM	1	0	21.46	21.57	21.11	22.50
		1	13	21.34	21.52	21.25	22.50
		1	24	21.24	21.43	21.22	22.50
		12	0	20.08	20.25	20.31	21.50
		12	6	20.44	20.30	20.30	21.50
		12	13	20.23	20.20	20.31	21.50
		25	0	20.26	20.16	20.16	21.50
	256QAM	1	0	18.33	18.32	18.17	19.50
		1	13	18.46	18.39	18.32	19.50
		1	24	18.27	18.52	18.03	19.50
		12	0	18.38	18.33	18.30	19.50
		12	6	18.43	18.28	18.33	19.50
		12	13	18.27	18.31	18.30	19.50
		25	0	18.40	18.28	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	21.41	21.27	21.28	22.50
		1	25	21.34	21.37	21.32	22.50
		1	49	21.30	21.44	21.23	22.50
		25	0	21.41	21.40	21.36	22.50
		25	13	21.48	21.46	21.37	22.50



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		25	25	21.42	21.42	21.38	22.50
		50	0	21.45	21.26	21.25	22.50
	16QAM	1	0	21.20	21.15	21.43	22.50
		1	25	21.29	21.27	21.16	22.50
		1	49	21.27	21.20	20.94	22.50
		25	0	21.27	21.41	21.32	22.50
		25	13	21.40	21.30	21.22	22.50
		25	25	21.00	21.18	21.28	22.50
		50	0	21.44	21.08	21.34	22.50
		1	0	21.54	21.59	21.19	22.50
	64QAM	1	25	21.40	21.55	21.28	22.50
		1	49	21.33	21.51	21.26	22.50
		25	0	20.16	20.27	20.37	21.50
		25	13	20.45	20.37	20.32	21.50
		25	25	20.31	20.23	20.40	21.50
		50	0	20.29	20.21	20.25	21.50
		1	0	18.36	18.37	18.20	19.50
	256QAM	1	25	18.53	18.46	18.34	19.50
		1	49	18.35	18.60	18.12	19.50
		25	0	18.39	18.36	18.37	19.50
		25	13	18.47	18.37	18.36	19.50
		25	25	18.36	18.40	18.35	19.50
		50	0	18.41	18.32	18.34	19.50



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LTE FDD Band 17 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	20.41	20.08	20.13	21.50
		1	13	20.24	20.25	20.29	21.50
		1	24	20.16	20.14	20.23	21.50
		12	0	20.40	20.27	20.29	21.50
		12	6	20.32	20.37	20.18	21.50
		12	13	20.35	20.29	20.14	21.50
		25	0	20.30	20.29	20.12	21.50
	16QAM	1	0	20.30	20.28	20.32	21.50
		1	13	20.31	20.41	20.16	21.50
		1	24	20.25	19.98	20.13	21.50
		12	0	20.24	20.40	20.30	21.50
		12	6	20.44	20.22	20.14	21.50
		12	13	20.30	20.38	20.31	21.50
		25	0	20.36	20.11	20.12	21.50
	64QAM	1	0	20.31	20.40	20.36	21.50
		1	13	20.38	20.23	20.52	21.50
		1	24	20.15	20.30	20.06	21.50
		12	0	20.11	20.30	20.28	21.50
		12	6	20.42	20.34	20.21	21.50
		12	13	20.28	20.29	20.27	21.50
		25	0	20.34	20.31	20.32	21.50
	256QAM	1	0	18.26	18.81	18.10	19.50
		1	13	18.39	18.45	18.36	19.50
		1	24	18.30	18.29	18.25	19.50
		12	0	18.27	18.31	18.22	19.50
		12	6	18.17	18.31	18.32	19.50
		12	13	18.36	18.34	18.38	19.50
		25	0	18.47	18.36	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	20.46	20.13	20.17	21.50
		1	25	20.33	20.31	20.35	21.50
		1	49	20.22	20.22	20.27	21.50
		25	0	20.41	20.32	20.31	21.50
		25	13	20.41	20.39	20.19	21.50



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		25	25	20.38	20.37	20.16	21.50
		50	0	20.39	20.38	20.18	21.50
	16QAM	1	0	20.35	20.36	20.38	21.50
		1	25	20.37	20.45	20.24	21.50
		1	49	20.31	20.07	20.22	21.50
		25	0	20.28	20.42	20.37	21.50
		25	13	20.46	20.23	20.20	21.50
		25	25	20.36	20.42	20.35	21.50
		50	0	20.44	20.12	20.16	21.50
		1	0	20.37	20.44	20.43	21.50
	64QAM	1	25	20.39	20.30	20.53	21.50
		1	49	20.17	20.32	20.09	21.50
		25	0	20.18	20.31	20.31	21.50
		25	13	20.45	20.37	20.22	21.50
		25	25	20.35	20.38	20.28	21.50
		50	0	20.38	20.38	20.38	21.50
		1	0	18.34	18.86	18.16	19.50
	256QAM	1	25	18.41	18.52	18.39	19.50
		1	49	18.33	18.32	18.28	19.50
		25	0	18.36	18.37	18.25	19.50
		25	13	18.26	18.39	18.36	19.50
		25	25	18.38	18.42	18.39	19.50
		50	0	18.48	18.40	18.31	19.50



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LTE Band 26 DSI4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.35	23.41	23.33	25.00
		1	2	23.37	23.35	23.34	25.00
		1	5	23.34	23.36	23.36	25.00
		3	0	23.27	23.39	23.41	25.00
		3	2	23.30	23.36	23.39	25.00
		3	3	23.29	23.40	23.34	25.00
		6	0	22.33	22.45	22.41	24.00
	16QAM	1	0	22.88	22.48	22.67	24.00
		1	2	22.25	22.26	22.15	24.00
		1	5	22.44	22.32	22.24	24.00
		3	0	22.39	22.29	22.24	24.00
		3	2	22.37	22.31	22.22	24.00
		3	3	22.43	22.37	22.23	24.00
		6	0	21.56	21.44	21.32	23.00
	64QAM	1	0	22.64	21.36	21.02	23.00
		1	2	22.03	21.47	21.15	23.00
		1	5	22.10	21.19	21.22	23.00
		3	0	22.10	21.16	21.27	23.00
		3	2	22.09	21.15	21.29	23.00
		3	3	22.03	21.19	21.24	23.00
		6	0	21.47	20.45	20.32	22.00
	256QAM	1	0	18.27	18.64	18.69	20.00
		1	2	18.21	18.26	18.53	20.00
		1	5	18.54	18.30	18.53	20.00
		3	0	18.48	18.45	18.29	20.00
		3	2	18.52	18.48	18.46	20.00
		3	3	18.47	18.49	18.54	20.00
		6	0	18.57	18.52	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.33	23.41	23.32	25.00
		1	7	23.38	23.31	23.35	25.00
		1	14	23.28	23.38	23.36	25.00
		8	0	22.50	22.45	22.47	24.00
		8	4	22.50	22.42	22.21	24.00



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		8	7	22.42	22.40	22.48	24.00
		15	0	22.36	22.48	22.44	24.00
	16QAM	1	0	22.92	22.52	22.64	24.00
		1	7	22.19	22.24	22.10	24.00
		1	14	22.41	22.31	22.25	24.00
		8	0	21.48	21.47	21.50	23.00
		8	4	21.57	21.42	21.43	23.00
		8	7	21.53	21.40	21.46	23.00
		15	0	21.48	21.49	21.32	23.00
		1	0	22.61	21.28	21.38	23.00
	64QAM	1	7	22.08	21.42	21.13	23.00
		1	14	22.07	21.12	21.23	23.00
		8	0	21.48	20.46	20.24	22.00
		8	4	21.56	20.38	20.39	22.00
		8	7	21.58	20.57	20.46	22.00
		15	0	21.47	20.47	20.33	22.00
		1	0	18.26	18.62	18.70	20.00
	256QAM	1	7	18.20	18.32	18.50	20.00
		1	14	18.54	18.36	18.51	20.00
		8	0	18.52	18.45	18.31	20.00
		8	4	18.54	18.42	18.46	20.00
		8	7	18.49	18.44	18.51	20.00
		15	0	18.59	18.47	18.61	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.41	23.34	23.28	25.00
		1	13	23.37	23.31	23.37	25.00
		1	24	23.28	23.42	23.33	25.00
		12	0	22.55	22.49	22.48	24.00
		12	6	22.52	22.45	22.18	24.00
		12	13	22.38	22.47	22.47	24.00
		25	0	22.33	22.41	22.41	24.00
	16QAM	1	0	22.92	22.49	22.67	24.00
		1	13	22.21	22.21	22.11	24.00
		1	24	22.45	22.33	22.20	24.00
		12	0	21.48	21.44	21.42	23.00
		12	6	21.60	21.41	21.38	23.00
		12	13	21.50	21.37	21.41	23.00
		25	0	21.51	21.48	21.32	23.00



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		1	0	22.59	21.31	21.01	23.00
		1	13	22.08	21.46	21.17	23.00
		1	24	22.06	21.19	21.26	23.00
	64QAM	12	0	21.44	20.42	20.25	22.00
		12	6	21.58	20.42	20.41	22.00
		12	13	21.58	20.52	20.49	22.00
		25	0	21.45	20.48	20.33	22.00
		1	0	18.25	18.62	18.67	20.00
		1	13	18.25	18.31	18.54	20.00
		1	24	18.55	18.33	18.47	20.00
	256QAM	12	0	18.45	18.46	18.32	20.00
		12	6	18.53	18.47	18.49	20.00
		12	13	18.48	18.52	18.54	20.00
		25	0	18.54	18.47	18.57	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.40	23.33	23.32	25.00
		1	25	23.41	23.32	23.36	25.00
		1	49	23.29	23.39	23.38	25.00
		25	0	22.52	22.51	22.46	24.00
		25	13	22.51	22.44	22.16	24.00
		25	25	22.46	22.41	22.45	24.00
		50	0	22.37	22.42	22.46	24.00
	16QAM	1	0	22.88	22.54	22.65	24.00
		1	25	22.19	22.20	22.15	24.00
		1	49	22.40	22.37	22.18	24.00
		25	0	21.49	21.43	21.46	23.00
		25	13	21.60	21.44	21.41	23.00
		25	25	21.50	21.36	21.40	23.00
		50	0	21.50	21.46	21.33	23.00
	64QAM	1	0	22.60	21.35	21.45	23.00
		1	25	22.03	21.44	21.19	23.00
		1	49	22.07	21.15	21.27	23.00
		25	0	21.46	20.44	20.20	22.00
		25	13	21.52	20.35	20.42	22.00
		25	25	21.54	20.51	20.45	22.00
		50	0	21.44	20.53	20.36	22.00
	256QAM	1	0	18.26	18.62	18.72	20.00
		1	25	18.26	18.31	18.53	20.00



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		1	49	18.56	18.28	18.53	20.00
		25	0	18.50	18.50	18.29	20.00
		25	13	18.55	18.45	18.44	20.00
		25	25	18.50	18.52	18.53	20.00
		50	0	18.58	18.50	18.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.42	23.42	23.35	25.00
		1	38	23.44	23.39	23.39	25.00
		1	74	23.36	23.43	23.42	25.00
		36	0	22.56	22.53	22.53	24.00
		36	18	22.55	22.49	22.22	24.00
		36	39	22.47	22.49	22.52	24.00
		75	0	22.41	22.50	22.50	24.00
	16QAM	1	0	22.94	22.55	22.71	24.00
		1	38	22.27	22.28	22.19	24.00
		1	74	22.46	22.38	22.26	24.00
		36	0	21.51	21.48	21.51	23.00
		36	18	21.66	21.49	21.45	23.00
		36	39	21.54	21.42	21.49	23.00
		75	0	21.57	21.50	21.37	23.00
	64QAM	1	0	22.65	21.37	21.05	23.00
		1	38	22.11	21.51	21.21	23.00
		1	74	22.11	21.21	21.31	23.00
		36	0	21.50	20.50	20.28	22.00
		36	18	21.59	20.43	20.48	22.00
		36	39	21.60	20.58	20.52	22.00
		75	0	21.50	20.54	20.38	22.00
	256QAM	1	0	18.31	18.65	18.76	20.00
		1	38	18.28	18.35	18.56	20.00
		1	74	18.58	18.37	18.56	20.00
		36	0	18.53	18.54	18.38	20.00
		36	18	18.59	18.51	18.52	20.00
		36	39	18.51	18.53	18.56	20.00
		75	0	18.63	18.53	18.62	20.00



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LTE Band 26 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	19.54	19.45	19.41	21.00
		1	2	19.38	19.46	19.49	21.00
		1	5	19.45	19.46	19.43	21.00
		3	0	19.55	19.55	19.47	21.00
		3	2	19.51	19.42	19.53	21.00
		3	3	19.29	19.57	19.65	21.00
		6	0	19.47	19.55	19.59	21.00
	16QAM	1	0	19.39	19.48	19.54	21.00
		1	2	19.49	19.69	19.48	21.00
		1	5	19.00	19.64	19.24	21.00
		3	0	19.52	19.37	19.20	21.00
		3	2	19.50	19.55	19.33	21.00
		3	3	19.51	19.55	19.65	21.00
		6	0	19.65	19.51	19.48	21.00
	64QAM	1	0	19.63	19.20	19.42	21.00
		1	2	19.50	19.50	19.38	21.00
		1	5	19.24	19.31	19.45	21.00
		3	0	19.40	19.49	19.26	21.00
		3	2	19.38	19.31	19.30	21.00
		3	3	19.43	19.42	19.31	21.00
		6	0	19.47	19.49	19.54	21.00
	256QAM	1	0	18.30	18.29	18.49	20.00
		1	2	18.30	18.37	18.00	20.00
		1	5	18.67	18.80	18.49	20.00
		3	0	18.45	18.44	18.38	20.00
		3	2	18.48	18.40	18.42	20.00
		3	3	18.58	18.50	18.38	20.00
		6	0	18.52	18.50	18.51	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	19.54	19.45	19.40	21.00
		1	7	19.38	19.47	19.47	21.00
		1	14	19.45	19.46	19.46	21.00
		8	0	19.52	19.59	19.47	21.00
		8	4	19.52	19.43	19.46	21.00



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		8	7	19.26	19.58	19.60	21.00
		15	0	19.41	19.53	19.54	21.00
	16QAM	1	0	19.33	19.47	19.56	21.00
		1	7	19.48	19.68	19.51	21.00
		1	14	19.55	19.64	19.29	21.00
		8	0	19.55	19.35	19.22	21.00
		8	4	19.49	19.53	19.36	21.00
		8	7	19.53	19.52	19.60	21.00
		15	0	19.62	19.49	19.47	21.00
		1	0	19.68	19.20	19.40	21.00
	64QAM	1	7	19.56	19.51	19.37	21.00
		1	14	19.21	19.30	19.44	21.00
		8	0	19.44	19.45	19.34	21.00
		8	4	19.38	19.35	19.32	21.00
		8	7	19.43	19.41	19.28	21.00
		15	0	19.52	19.43	19.48	21.00
		1	0	18.31	18.29	18.50	20.00
	256QAM	1	7	18.30	18.37	18.45	20.00
		1	14	18.67	18.77	18.46	20.00
		8	0	18.44	18.43	18.38	20.00
		8	4	18.52	18.39	18.41	20.00
		8	7	18.55	18.52	18.42	20.00
		15	0	18.50	18.54	18.51	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	19.54	19.44	19.40	21.00
		1	13	19.39	19.47	19.48	21.00
		1	24	19.44	19.50	19.42	21.00
		12	0	19.56	19.62	19.48	21.00
		12	6	19.51	19.45	19.50	21.00
		12	13	19.28	19.61	19.59	21.00
		25	0	19.49	19.61	19.54	21.00
	16QAM	1	0	19.35	19.48	19.53	21.00
		1	13	19.53	19.67	19.47	21.00
		1	24	19.54	19.63	19.29	21.00
		12	0	19.53	19.34	19.16	21.00
		12	6	19.43	19.49	19.36	21.00
		12	13	19.53	19.60	19.67	21.00
		25	0	19.58	19.51	19.47	21.00



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	64QAM	1	0	19.65	19.18	19.40	21.00
		1	13	19.55	19.52	19.31	21.00
		1	24	19.20	19.33	19.44	21.00
		12	0	19.43	19.48	19.34	21.00
		12	6	19.39	19.35	19.32	21.00
		12	13	19.41	19.45	19.28	21.00
		25	0	19.50	19.46	19.48	21.00
	256QAM	1	0	18.33	18.30	18.50	20.00
		1	13	18.30	18.40	18.48	20.00
		1	24	18.64	18.80	18.47	20.00
		12	0	18.47	18.44	18.41	20.00
		12	6	18.53	18.35	18.41	20.00
		12	13	18.55	18.53	18.40	20.00
		25	0	18.58	18.47	18.52	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	19.53	19.45	19.37	21.00
		1	25	19.39	19.46	19.54	21.00
		1	49	19.45	19.52	19.40	21.00
		25	0	19.53	19.63	19.42	21.00
		25	13	19.52	19.43	19.46	21.00
		25	25	19.26	19.57	19.65	21.00
		50	0	19.44	19.54	19.58	21.00
	16QAM	1	0	19.36	19.53	19.60	21.00
		1	25	19.51	19.63	19.49	21.00
		1	49	19.56	19.64	19.31	21.00
		25	0	19.54	19.40	19.20	21.00
		25	13	19.43	19.53	19.37	21.00
		25	25	19.51	19.60	19.64	21.00
		50	0	19.58	19.47	19.47	21.00
	64QAM	1	0	19.64	19.17	19.42	21.00
		1	25	19.48	19.50	19.37	21.00
		1	49	19.19	19.31	19.00	21.00
		25	0	19.37	19.44	19.33	21.00
		25	13	19.40	19.38	19.29	21.00
		25	25	19.41	19.42	19.30	21.00
		50	0	19.53	19.49	19.47	21.00
	256QAM	1	0	18.35	18.31	18.47	20.00
		1	25	18.31	18.42	18.52	20.00



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		1	49	18.59	18.81	18.48	20.00
		25	0	18.42	18.46	18.41	20.00
		25	13	18.47	18.36	18.37	20.00
		25	25	18.55	18.53	18.39	20.00
		50	0	18.53	18.55	18.50	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	19.60	19.47	19.44	21.00
		1	38	19.43	19.50	19.55	21.00
		1	74	19.48	19.54	19.49	21.00
		36	0	19.58	19.64	19.51	21.00
		36	18	19.55	19.51	19.54	21.00
		36	39	19.34	19.63	19.78	21.00
		75	0	19.50	19.62	19.62	21.00
	16QAM	1	0	19.41	19.56	19.62	21.00
		1	38	19.56	19.71	19.56	21.00
		1	74	19.01	19.68	19.32	21.00
		36	0	19.57	19.43	19.23	21.00
		36	18	19.51	19.57	19.39	21.00
		36	39	19.55	19.61	19.68	21.00
		75	0	19.66	19.53	19.51	21.00
	64QAM	1	0	19.71	19.22	19.43	21.00
		1	38	19.57	19.54	19.40	21.00
		1	74	19.28	19.39	19.08	21.00
		36	0	19.45	19.53	19.35	21.00
		36	18	19.45	19.39	19.36	21.00
		36	39	19.47	19.50	19.37	21.00
		75	0	19.55	19.50	19.55	21.00
	256QAM	1	0	18.38	18.38	18.55	20.00
		1	38	18.38	18.45	18.03	20.00
		1	74	18.68	18.86	18.51	20.00
		36	0	18.48	18.50	18.47	20.00
		36	18	18.55	18.43	18.46	20.00
		36	39	18.60	18.57	18.45	20.00
		75	0	18.59	18.56	18.57	20.00



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LTE Band 26 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	18.50	18.40	18.43	20.00
		1	2	18.40	18.43	18.44	20.00
		1	5	18.35	18.42	18.35	20.00
		3	0	18.55	18.50	18.45	20.00
		3	2	18.53	18.46	18.41	20.00
		3	3	18.56	18.52	18.59	20.00
		6	0	18.53	18.53	18.45	20.00
	16QAM	1	0	18.64	18.43	18.37	20.00
		1	2	18.45	18.47	18.43	20.00
		1	5	18.40	18.35	18.28	20.00
		3	0	18.44	18.42	18.59	20.00
		3	2	18.62	18.42	18.45	20.00
		3	3	18.51	18.49	18.64	20.00
		6	0	18.61	18.60	18.63	20.00
	64QAM	1	0	18.48	18.01	18.07	20.00
		1	2	18.52	18.58	18.36	20.00
		1	5	18.49	18.45	18.74	20.00
		3	0	18.40	18.46	18.49	20.00
		3	2	18.59	18.50	18.44	20.00
		3	3	18.42	18.50	18.54	20.00
		6	0	18.59	18.53	18.55	20.00
	256QAM	1	0	18.47	18.39	18.22	20.00
		1	2	18.41	18.23	18.51	20.00
		1	5	18.41	18.35	18.66	20.00
		3	0	18.37	18.25	18.32	20.00
		3	2	18.49	18.35	18.47	20.00
		3	3	18.47	18.52	18.40	20.00
		6	0	18.54	18.47	18.53	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	18.50	18.41	18.41	20.00
		1	7	18.44	18.43	18.44	20.00
		1	14	18.31	18.37	18.39	20.00
		8	0	18.58	18.48	18.52	20.00
		8	4	18.51	18.49	18.41	20.00



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		8	7	18.48	18.50	18.57	20.00
		15	0	18.53	18.53	18.47	20.00
	16QAM	1	0	18.65	18.39	18.41	20.00
		1	7	18.49	18.47	18.41	20.00
		1	14	18.38	18.35	18.29	20.00
		8	0	18.45	18.45	18.57	20.00
		8	4	18.58	18.39	18.46	20.00
		8	7	18.49	18.51	18.59	20.00
		15	0	18.54	18.63	18.61	20.00
		1	0	18.44	18.38	18.02	20.00
	64QAM	1	7	18.55	18.58	18.35	20.00
		1	14	18.49	18.47	18.74	20.00
		8	0	18.40	18.49	18.44	20.00
		8	4	18.58	18.50	18.45	20.00
		8	7	18.47	18.52	18.48	20.00
		15	0	18.60	18.56	18.54	20.00
		1	0	18.51	18.44	18.26	20.00
	256QAM	1	7	18.34	18.26	18.53	20.00
		1	14	18.45	18.32	18.71	20.00
		8	0	18.39	18.26	18.31	20.00
		8	4	18.47	18.37	18.41	20.00
		8	7	18.42	18.45	18.37	20.00
		15	0	18.50	18.47	18.46	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	18.48	18.47	18.43	20.00
		1	13	18.40	18.37	18.40	20.00
		1	24	18.37	18.38	18.40	20.00
		12	0	18.57	18.54	18.50	20.00
		12	6	18.54	18.47	18.43	20.00
		12	13	18.49	18.48	18.53	20.00
		25	0	18.54	18.52	18.51	20.00
	16QAM	1	0	18.60	18.38	18.36	20.00
		1	13	18.46	18.46	18.40	20.00
		1	24	18.39	18.32	18.31	20.00
		12	0	18.43	18.39	18.54	20.00
		12	6	18.59	18.43	18.49	20.00
		12	13	18.51	18.46	18.63	20.00
		25	0	18.59	18.57	18.63	20.00



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Shenzhen Branch Technical Services Laboratory

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		1	0	18.45	18.02	18.06	20.00
		1	13	18.53	18.58	18.34	20.00
		1	24	18.44	18.47	18.77	20.00
	64QAM	12	0	18.39	18.45	18.50	20.00
		12	6	18.57	18.50	18.49	20.00
		12	13	18.39	18.53	18.51	20.00
		25	0	18.56	18.53	18.58	20.00
		1	0	18.46	18.45	18.28	20.00
		1	13	18.39	18.26	18.47	20.00
		1	24	18.39	18.39	18.66	20.00
	256QAM	12	0	18.37	18.26	18.31	20.00
		12	6	18.48	18.37	18.41	20.00
		12	13	18.49	18.49	18.42	20.00
		25	0	18.51	18.51	18.51	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	18.50	18.40	18.41	20.00
		1	25	18.43	18.41	18.43	20.00
		1	49	18.38	18.35	18.40	20.00
		25	0	18.58	18.53	18.44	20.00
		25	13	18.58	18.49	18.39	20.00
		25	25	18.51	18.47	18.59	20.00
		50	0	18.54	18.57	18.44	20.00
	16QAM	1	0	18.66	18.40	18.41	20.00
		1	25	18.44	18.45	18.35	20.00
		1	49	18.37	18.34	18.29	20.00
		25	0	18.42	18.43	18.57	20.00
		25	13	18.63	18.41	18.47	20.00
		25	25	18.57	18.46	18.56	20.00
		50	0	18.60	18.55	18.57	20.00
	64QAM	1	0	18.48	18.02	18.02	20.00
		1	25	18.52	18.62	18.34	20.00
		1	49	18.50	18.45	18.69	20.00
		25	0	18.40	18.50	18.46	20.00
		25	13	18.56	18.48	18.49	20.00
		25	25	18.44	18.57	18.53	20.00
		50	0	18.56	18.56	18.52	20.00
	256QAM	1	0	18.47	18.42	18.23	20.00
		1	25	18.42	18.21	18.49	20.00



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		1	49	18.38	18.31	18.72	20.00
		25	0	18.38	18.20	18.31	20.00
		25	13	18.47	18.37	18.46	20.00
		25	25	18.50	18.50	18.37	20.00
		50	0	18.57	18.51	18.51	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	18.53	18.48	18.45	20.00
		1	38	18.49	18.46	18.49	20.00
		1	74	18.40	18.44	18.42	20.00
		36	0	18.63	18.57	18.53	20.00
		36	18	18.59	18.54	18.47	20.00
		36	39	18.57	18.56	18.62	20.00
		75	0	18.60	18.58	18.52	20.00
	16QAM	1	0	18.68	18.47	18.44	20.00
		1	38	18.50	18.54	18.44	20.00
		1	74	18.42	18.40	18.34	20.00
		36	0	18.48	18.47	18.61	20.00
		36	18	18.65	18.47	18.53	20.00
		36	39	18.58	18.53	18.65	20.00
		75	0	18.63	18.64	18.64	20.00
	64QAM	1	0	18.51	18.03	18.11	20.00
		1	38	18.61	18.65	18.41	20.00
		1	74	18.53	18.51	18.78	20.00
		36	0	18.45	18.52	18.52	20.00
		36	18	18.64	18.54	18.51	20.00
		36	39	18.48	18.59	18.56	20.00
		75	0	18.64	18.62	18.60	20.00
	256QAM	1	0	18.54	18.48	18.29	20.00
		1	38	18.43	18.27	18.55	20.00
		1	74	18.47	18.40	18.74	20.00
		36	0	18.43	18.28	18.37	20.00
		36	18	18.50	18.43	18.48	20.00
		36	39	18.51	18.54	18.43	20.00
		75	0	18.59	18.56	18.54	20.00



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LTE Band 66 DS14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.85	22.89	22.81	24.50
		1	2	23.08	22.93	22.96	24.50
		1	5	23.25	23.10	22.58	24.50
		3	0	23.23	23.10	22.55	24.50
		3	1	23.18	23.10	22.56	24.50
		3	3	23.23	23.06	22.55	24.50
		6	0	22.01	22.05	21.89	23.50
	16QAM	1	0	21.87	21.88	21.90	23.50
		1	2	22.10	21.90	21.86	23.50
		1	5	21.83	21.93	21.89	23.50
		3	0	21.79	21.87	21.92	23.50
		3	1	21.84	21.90	21.93	23.50
		3	3	21.83	21.87	21.93	23.50
		6	0	21.02	21.04	21.02	22.50
	64QAM	1	0	20.87	21.02	20.87	22.50
		1	2	21.09	20.92	20.87	22.50
		1	5	21.10	21.20	20.70	22.50
		3	0	21.06	21.21	20.76	22.50
		3	1	21.06	21.17	20.72	22.50
		3	3	21.12	21.15	20.76	22.50
		6	0	19.89	20.03	20.03	21.50
	256QAM	1	0	17.79	17.76	18.06	19.50
		1	2	17.80	18.11	18.12	19.50
		1	5	18.16	18.94	18.62	19.50
		3	0	17.70	17.74	17.66	19.50
		3	1	18.10	18.06	18.02	19.50
		3	3	18.01	17.97	17.97	19.50
		6	0	18.04	18.01	17.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.85	22.92	22.76	24.50
		1	7	23.04	22.93	22.97	24.50
		1	14	23.24	23.05	22.53	24.50
		8	0	22.01	22.00	21.86	23.50
		8	4	21.89	22.01	22.04	23.50



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