

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

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

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		8	7	22.06	22.03	22.02	23.50
		15	0	21.95	22.02	21.89	23.50
	16QAM	1	0	21.91	21.83	21.94	23.50
		1	7	22.17	21.84	21.90	23.50
		1	14	21.84	21.90	21.95	23.50
		8	0	21.02	20.84	20.90	22.50
		8	4	21.02	21.04	20.97	22.50
		8	7	21.03	21.06	21.00	22.50
		15	0	21.00	21.04	21.02	22.50
		1	0	20.89	21.01	20.92	22.50
	64QAM	1	7	21.02	20.89	20.82	22.50
		1	14	21.08	21.20	20.73	22.50
		8	0	19.94	20.02	19.92	21.50
		8	4	19.93	19.94	20.03	21.50
		8	7	20.07	20.06	19.95	21.50
		15	0	19.93	19.98	19.99	21.50
		1	0	17.84	17.76	18.04	19.50
	256QAM	1	7	17.82	18.10	18.14	19.50
		1	14	18.13	18.88	18.62	19.50
		8	0	17.72	17.68	17.62	19.50
		8	4	18.07	18.05	18.04	19.50
		8	7	18.07	17.95	17.98	19.50
		15	0	18.03	17.93	18.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.89	22.95	22.76	24.50
		1	13	23.10	22.99	22.93	24.50
		1	24	23.20	23.04	22.59	24.50
		12	0	22.00	22.00	21.85	23.50
		12	6	21.89	21.98	22.09	23.50
		12	13	22.02	22.10	22.00	23.50
		25	0	21.99	21.99	21.93	23.50
	16QAM	1	0	21.93	21.85	21.89	23.50
		1	13	22.13	21.88	21.88	23.50
		1	24	21.82	21.88	21.97	23.50
		12	0	21.01	20.90	20.92	22.50
		12	6	21.02	21.03	20.97	22.50
		12	13	21.02	21.02	21.03	22.50
		25	0	21.06	20.99	21.03	22.50



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Shenzhen Branch Technical Services Laboratory

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	64QAM	1	0	20.87	21.04	20.90	22.50
		1	13	21.05	20.93	20.88	22.50
		1	24	21.04	21.18	20.72	22.50
		12	0	19.96	19.99	19.84	21.50
		12	6	19.91	19.98	20.02	21.50
		12	13	20.11	20.06	19.95	21.50
		25	0	19.90	19.96	20.03	21.50
	256QAM	1	0	17.81	17.77	18.09	19.50
		1	13	17.82	18.07	18.08	19.50
		1	24	18.17	18.94	18.64	19.50
		12	0	17.72	17.67	17.60	19.50
		12	6	18.04	18.04	18.02	19.50
		12	13	18.02	17.96	18.05	19.50
		25	0	18.04	17.93	18.03	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.83	22.90	22.76	24.50
		1	25	23.04	22.93	22.95	24.50
		1	49	23.18	23.08	22.59	24.50
		25	0	22.04	22.04	21.87	23.50
		25	13	21.92	22.01	22.06	23.50
		25	25	22.04	22.02	22.01	23.50
		50	0	21.99	22.05	21.97	23.50
	16QAM	1	0	21.93	21.87	21.90	23.50
		1	25	22.12	21.91	21.84	23.50
		1	49	21.79	21.93	21.95	23.50
		25	0	21.05	20.88	20.97	22.50
		25	13	21.01	21.04	20.92	22.50
		25	25	21.00	21.02	20.98	22.50
		50	0	21.04	21.03	21.03	22.50
	64QAM	1	0	20.84	20.99	20.91	22.50
		1	25	21.06	20.95	20.82	22.50
		1	49	21.04	21.16	20.76	22.50
		25	0	19.93	20.06	19.89	21.50
		25	13	19.92	20.00	19.99	21.50
		25	25	20.07	20.05	19.98	21.50
		50	0	19.87	20.02	19.97	21.50
	256QAM	1	0	17.77	17.74	18.11	19.50
		1	25	17.87	18.10	18.11	19.50



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		1	49	18.14	18.88	18.64	19.50
		25	0	17.69	17.68	17.59	19.50
		25	13	18.02	18.03	18.04	19.50
		25	25	18.06	17.95	18.05	19.50
		50	0	18.01	18.00	18.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.89	22.91	22.83	24.50
		1	38	23.10	22.98	22.98	24.50
		1	74	23.22	23.03	22.58	24.50
		36	0	22.04	22.00	21.87	23.50
		36	18	21.89	22.00	22.04	23.50
		36	39	22.10	22.07	22.01	23.50
		75	0	21.97	22.06	21.89	23.50
	16QAM	1	0	21.90	21.88	21.89	23.50
		1	38	22.17	21.84	21.91	23.50
		1	74	21.76	21.90	21.89	23.50
		36	0	21.01	20.91	20.92	22.50
		36	18	21.08	21.04	20.90	22.50
		36	39	20.96	21.06	21.04	22.50
		75	0	20.98	21.00	20.98	22.50
	64QAM	1	0	20.88	21.01	20.90	22.50
		1	38	21.06	20.88	20.87	22.50
		1	74	21.09	21.22	20.75	22.50
		36	0	19.97	20.01	19.88	21.50
		36	18	19.89	20.00	20.00	21.50
		36	39	20.06	20.04	19.95	21.50
		75	0	19.87	19.95	20.00	21.50
	256QAM	1	0	17.77	17.69	18.11	19.50
		1	38	17.85	18.12	18.06	19.50
		1	74	18.15	18.90	18.59	19.50
		36	0	17.67	17.67	17.63	19.50
		36	18	18.02	18.04	17.99	19.50
		36	39	18.00	17.93	18.03	19.50
		75	0	18.04	17.98	18.02	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.82	22.88	22.75	24.50
		1	50	23.01	22.92	22.91	24.50



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		1	99	23.13	23.02	22.50	24.50
		50	0	21.97	21.97	21.82	23.50
		50	25	21.87	21.97	22.12	23.50
		50	50	22.01	22.01	21.98	23.50
		100	0	21.93	21.97	21.88	23.50
	16QAM	1	0	21.85	21.82	21.86	23.50
		1	50	22.08	21.82	21.83	23.50
		1	99	21.75	21.84	21.88	23.50
		50	0	21.00	20.82	20.88	22.50
		50	25	20.99	20.95	20.88	22.50
		50	50	20.94	21.01	20.97	22.50
		100	0	20.97	20.97	20.96	22.50
	64QAM	1	0	20.80	20.95	20.83	22.50
		1	50	21.00	20.87	20.81	22.50
		1	99	21.03	21.13	20.68	22.50
		50	0	19.91	19.98	19.83	21.50
		50	25	19.86	19.93	19.98	21.50
		50	50	20.03	19.98	19.93	21.50
		100	0	19.84	19.94	19.96	21.50
	256QAM	1	0	17.76	17.68	18.03	19.50
		1	50	17.79	18.04	18.05	19.50
		1	99	18.09	18.86	18.57	19.50
		50	0	17.66	17.66	17.57	19.50
		50	25	18.01	18.01	17.96	19.50
		50	50	17.99	17.90	17.96	19.50
		100	0	17.99	17.92	17.96	19.50



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LTE Band 66 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	15.01	14.97	14.82	16.50
		1	2	15.07	14.96	14.96	16.50
		1	5	15.16	15.08	15.07	16.50
		3	0	15.06	15.03	15.10	16.50
		3	1	15.15	15.10	15.06	16.50
		3	3	15.14	15.10	15.09	16.50
		6	0	15.06	15.06	14.97	16.50
	16QAM	1	0	15.05	15.09	14.94	16.50
		1	2	15.01	14.98	15.01	16.50
		1	5	15.29	15.03	15.04	16.50
		3	0	15.09	15.08	15.02	16.50
		3	1	15.14	15.19	14.92	16.50
		3	3	15.17	15.16	15.14	16.50
		6	0	15.11	15.06	14.97	16.50
	64QAM	1	0	15.09	14.99	15.02	16.50
		1	2	15.14	15.14	15.05	16.50
		1	5	15.24	15.28	15.00	16.50
		3	0	15.12	14.99	15.02	16.50
		3	1	15.13	15.11	15.03	16.50
		3	3	14.91	15.04	15.16	16.50
		6	0	15.07	15.07	15.08	16.50
	256QAM	1	0	15.17	14.77	15.01	16.50
		1	2	15.09	15.03	14.55	16.50
		1	5	15.29	15.29	15.21	16.50
		3	0	14.90	14.58	14.98	16.50
		3	1	14.99	15.12	15.07	16.50
		3	3	15.08	15.23	15.08	16.50
		6	0	15.08	15.08	15.09	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	15.08	14.97	14.85	16.50
		1	7	15.01	14.97	14.90	16.50
		1	14	15.17	15.13	15.09	16.50
		8	0	15.07	15.01	15.06	16.50
		8	4	15.13	15.09	15.04	16.50



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		8	7	15.08	15.15	15.10	16.50
		15	0	15.02	15.08	14.96	16.50
	16QAM	1	0	15.01	15.09	14.94	16.50
		1	7	15.03	15.02	15.08	16.50
		1	14	15.25	14.99	15.02	16.50
		8	0	15.09	15.03	15.04	16.50
		8	4	15.20	15.15	14.96	16.50
		8	7	15.16	15.12	15.13	16.50
		15	0	15.12	15.08	14.95	16.50
		1	0	15.11	14.96	15.01	16.50
	64QAM	1	7	15.18	15.09	15.08	16.50
		1	14	15.22	15.29	15.07	16.50
		8	0	15.14	15.05	15.01	16.50
		8	4	15.20	15.09	15.02	16.50
		8	7	14.91	15.07	15.10	16.50
		15	0	15.09	15.05	15.13	16.50
		1	0	15.18	14.77	15.06	16.50
	256QAM	1	7	15.10	15.03	14.57	16.50
		1	14	15.30	15.31	15.24	16.50
		8	0	14.89	14.58	15.01	16.50
		8	4	15.06	15.11	15.09	16.50
		8	7	15.06	15.29	15.14	16.50
		15	0	15.13	15.07	15.12	16.50
		1	0	15.18	14.77	15.06	16.50
		1	7	15.10	15.03	14.57	16.50
		1	14	15.30	15.31	15.24	16.50
		8	0	14.89	14.58	15.01	16.50
		8	4	15.06	15.11	15.09	16.50
		8	7	15.06	15.29	15.14	16.50
		15	0	15.13	15.07	15.12	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	15.03	15.01	14.84	16.50
		1	13	14.99	14.93	14.90	16.50
		1	24	15.09	15.07	15.08	16.50
		12	0	15.11	15.06	15.04	16.50
		12	6	15.20	15.07	15.01	16.50
		12	13	15.11	15.14	15.16	16.50
		25	0	15.08	15.07	14.91	16.50
	16QAM	1	0	15.01	15.10	14.88	16.50
		1	13	15.02	15.06	15.05	16.50
		1	24	15.23	14.99	15.03	16.50
		12	0	15.06	15.05	14.99	16.50
		12	6	15.19	15.20	14.99	16.50
		12	13	15.11	15.12	15.10	16.50
		25	0	15.15	15.12	14.99	16.50



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		1	0	15.03	15.00	15.03	16.50
		1	13	15.14	15.13	15.06	16.50
		1	24	15.28	15.35	15.02	16.50
	64QAM	12	0	15.11	15.04	15.00	16.50
		12	6	15.17	15.10	15.00	16.50
		12	13	14.94	15.04	15.11	16.50
		25	0	15.07	15.10	15.07	16.50
		1	0	15.24	14.84	15.02	16.50
		1	13	15.16	15.08	14.58	16.50
		1	24	15.31	15.34	15.25	16.50
	256QAM	12	0	14.87	14.61	14.95	16.50
		12	6	14.99	15.14	15.01	16.50
		12	13	15.05	15.27	15.12	16.50
		25	0	15.07	15.01	15.07	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	15.00	15.00	14.81	16.50
		1	25	14.99	14.92	14.93	16.50
		1	49	15.09	15.14	15.13	16.50
		25	0	15.14	15.07	15.09	16.50
		25	13	15.15	15.06	15.00	16.50
		25	25	15.11	15.11	15.11	16.50
		50	0	15.03	15.04	14.92	16.50
	16QAM	1	0	15.04	15.03	14.89	16.50
		1	25	15.08	14.98	15.08	16.50
		1	49	15.25	15.01	15.06	16.50
		25	0	15.08	15.02	15.00	16.50
		25	13	15.15	15.15	14.91	16.50
		25	25	15.16	15.20	15.06	16.50
		50	0	15.13	15.13	14.99	16.50
	64QAM	1	0	15.06	14.98	15.05	16.50
		1	25	15.12	15.12	15.04	16.50
		1	49	15.28	15.28	15.02	16.50
		25	0	15.12	15.05	15.00	16.50
		25	13	15.15	15.07	15.05	16.50
		25	25	14.99	15.05	15.09	16.50
		50	0	15.07	15.10	15.10	16.50
	256QAM	1	0	15.25	14.82	15.07	16.50
		1	25	15.15	15.08	14.60	16.50



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		1	49	15.28	15.34	15.19	16.50
		25	0	14.90	14.61	14.94	16.50
		25	13	15.05	15.10	15.08	16.50
		25	25	15.11	15.23	15.07	16.50
		50	0	15.10	15.07	15.07	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	15.06	15.05	14.83	16.50
		1	38	15.07	15.00	14.90	16.50
		1	74	15.16	15.11	15.06	16.50
		36	0	15.06	15.04	15.06	16.50
		36	18	15.15	15.11	15.07	16.50
		36	39	15.07	15.18	15.10	16.50
		75	0	15.03	15.06	14.93	16.50
	16QAM	1	0	15.06	15.10	14.90	16.50
		1	38	15.08	15.03	15.08	16.50
		1	74	15.30	15.04	15.08	16.50
		36	0	15.06	15.06	15.05	16.50
		36	18	15.17	15.15	14.97	16.50
		36	39	15.17	15.14	15.12	16.50
		75	0	15.12	15.11	14.99	16.50
	64QAM	1	0	15.04	14.97	15.00	16.50
		1	38	15.18	15.09	15.08	16.50
		1	74	15.26	15.29	14.99	16.50
		36	0	15.11	15.01	15.03	16.50
		36	18	15.15	15.09	14.97	16.50
		36	39	14.96	15.02	15.13	16.50
		75	0	15.13	15.13	15.08	16.50
	256QAM	1	0	15.23	14.77	15.01	16.50
		1	38	15.10	15.05	14.55	16.50
		1	74	15.30	15.35	15.18	16.50
		36	0	14.91	14.61	14.97	16.50
		36	18	15.01	15.10	15.09	16.50
		36	39	15.05	15.28	15.11	16.50
		75	0	15.10	15.04	15.04	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	14.99	14.96	14.80	16.50
		1	50	14.98	14.91	14.89	16.50



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		1	99	15.08	15.05	15.04	16.50
		50	0	15.05	14.98	15.01	16.50
		50	25	15.11	15.05	14.99	16.50
		50	50	15.05	15.09	15.07	16.50
		100	0	15.00	15.01	14.90	16.50
	16QAM	1	0	14.99	15.01	14.86	16.50
		1	50	14.99	14.97	14.99	16.50
		1	99	15.21	14.97	15.00	16.50
		50	0	15.04	15.00	14.96	16.50
		50	25	15.13	15.13	14.90	16.50
		50	50	15.09	15.11	15.05	16.50
		100	0	15.09	15.05	14.92	16.50
	64QAM	1	0	15.02	14.91	14.99	16.50
		1	50	15.10	15.05	15.02	16.50
		1	99	15.20	15.27	14.98	16.50
		50	0	15.06	14.96	14.95	16.50
		50	25	15.11	15.04	14.96	16.50
		50	50	14.90	15.00	15.07	16.50
		100	0	15.06	15.04	15.05	16.50
	256QAM	1	0	15.16	14.76	14.99	16.50
		1	50	15.07	15.01	14.52	16.50
		1	99	15.22	15.27	15.17	16.50
		50	0	14.83	14.55	14.92	16.50
		50	25	14.97	15.08	15.00	16.50
		50	50	15.02	15.21	15.06	16.50
		100	0	15.06	15.00	15.03	16.50



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LTE Band 66 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	13.98	13.89	13.92	15.50
		1	2	14.05	13.98	13.92	15.50
		1	5	14.15	14.08	14.05	15.50
		3	0	14.04	14.06	14.02	15.50
		3	1	14.11	14.10	13.99	15.50
		3	3	14.10	14.09	14.06	15.50
		6	0	14.14	14.06	14.08	15.50
	16QAM	1	0	14.09	13.93	14.03	15.50
		1	2	14.18	14.03	14.03	15.50
		1	5	14.37	14.09	14.11	15.50
		3	0	14.10	14.01	13.98	15.50
		3	1	14.11	14.10	14.09	15.50
		3	3	14.01	14.10	14.15	15.50
		6	0	14.12	14.04	14.08	15.50
	64QAM	1	0	14.32	14.18	13.99	15.50
		1	2	13.87	13.96	14.23	15.50
		1	5	14.30	14.39	14.13	15.50
		3	0	14.05	14.02	13.94	15.50
		3	1	14.13	14.10	13.98	15.50
		3	3	14.08	14.07	14.08	15.50
		6	0	14.19	14.07	14.03	15.50
	256QAM	1	0	14.07	14.05	14.08	15.50
		1	2	14.19	14.14	13.56	15.50
		1	5	14.28	14.01	14.57	15.50
		3	0	13.90	13.89	13.88	15.50
		3	1	14.13	14.09	14.04	15.50
		3	3	14.16	14.15	14.11	15.50
		6	0	14.11	14.03	14.09	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	13.99	13.89	13.85	15.50
		1	7	14.05	13.98	13.91	15.50
		1	14	14.12	14.08	14.12	15.50
		8	0	14.11	14.03	14.07	15.50
		8	4	14.12	14.11	14.02	15.50



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		8	7	14.05	14.10	14.14	15.50
		15	0	14.12	14.11	14.10	15.50
	16QAM	1	0	14.08	13.93	14.00	15.50
		1	7	14.19	14.01	14.03	15.50
		1	14	14.36	14.15	14.11	15.50
		8	0	14.06	14.03	13.98	15.50
		8	4	14.12	14.16	14.05	15.50
		8	7	13.98	14.07	14.11	15.50
		15	0	14.15	14.03	14.06	15.50
		1	0	14.39	14.19	13.98	15.50
	64QAM	1	7	13.92	13.99	14.26	15.50
		1	14	14.34	14.39	14.15	15.50
		8	0	14.09	14.05	13.97	15.50
		8	4	14.09	14.10	13.97	15.50
		8	7	14.16	14.05	14.15	15.50
		15	0	14.19	14.12	14.03	15.50
		1	0	14.07	14.03	14.06	15.50
	256QAM	1	7	14.18	14.15	13.58	15.50
		1	14	14.26	14.06	14.61	15.50
		8	0	13.93	13.90	13.90	15.50
		8	4	14.15	14.14	13.96	15.50
		8	7	14.15	14.18	14.16	15.50
		15	0	14.11	14.06	14.12	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	13.95	13.92	13.87	15.50
		1	13	14.01	13.95	13.92	15.50
		1	24	14.12	14.11	14.05	15.50
		12	0	14.06	14.10	14.07	15.50
		12	6	14.10	14.13	13.99	15.50
		12	13	14.09	14.10	14.14	15.50
		25	0	14.11	14.05	14.07	15.50
	16QAM	1	0	14.04	13.93	14.04	15.50
		1	13	14.14	14.04	14.04	15.50
		1	24	14.40	14.12	14.10	15.50
		12	0	14.12	14.02	13.98	15.50
		12	6	14.14	14.14	14.09	15.50
		12	13	14.03	14.06	14.13	15.50
		25	0	14.10	14.11	14.02	15.50



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	64QAM	1	0	14.34	14.19	14.03	15.50
		1	13	13.84	13.97	14.26	15.50
		1	24	14.38	14.40	14.15	15.50
		12	0	14.10	14.07	13.92	15.50
		12	6	14.15	14.11	13.93	15.50
		12	13	14.10	14.05	14.10	15.50
		25	0	14.18	14.07	14.10	15.50
	256QAM	1	0	14.07	14.01	14.11	15.50
		1	13	14.19	14.18	13.52	15.50
		1	24	14.24	14.08	14.63	15.50
		12	0	13.90	13.88	13.86	15.50
		12	6	14.12	14.15	13.97	15.50
		12	13	14.10	14.15	14.10	15.50
		25	0	14.14	14.01	14.09	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	13.98	13.92	13.85	15.50
		1	25	14.00	13.95	13.95	15.50
		1	49	14.12	14.12	14.10	15.50
		25	0	14.07	14.09	14.03	15.50
		25	13	14.13	14.09	14.02	15.50
		25	25	14.10	14.13	14.10	15.50
		50	0	14.09	14.05	14.02	15.50
	16QAM	1	0	14.09	13.96	14.04	15.50
		1	25	14.14	13.98	14.00	15.50
		1	49	14.40	14.09	14.13	15.50
		25	0	14.10	14.06	13.94	15.50
		25	13	14.10	14.17	14.07	15.50
		25	25	14.02	14.09	14.11	15.50
		50	0	14.11	14.08	14.03	15.50
	64QAM	1	0	14.40	14.15	13.99	15.50
		1	25	13.86	14.00	14.24	15.50
		1	49	14.34	14.37	14.14	15.50
		25	0	14.02	14.06	13.89	15.50
		25	13	14.08	14.09	14.00	15.50
		25	25	14.08	14.10	14.12	15.50
		50	0	14.17	14.11	14.05	15.50
	256QAM	1	0	13.99	14.08	14.04	15.50
		1	25	14.12	14.13	13.60	15.50



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		1	49	14.22	14.06	14.64	15.50
		25	0	13.92	13.92	13.88	15.50
		25	13	14.11	14.12	13.97	15.50
		25	25	14.16	14.19	14.10	15.50
		50	0	14.10	14.03	14.12	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	13.97	13.93	13.93	15.50
		1	38	14.02	13.99	13.95	15.50
		1	74	14.18	14.07	14.05	15.50
		36	0	14.08	14.04	14.06	15.50
		36	18	14.12	14.11	14.03	15.50
		36	39	14.10	14.11	14.13	15.50
		75	0	14.10	14.05	14.02	15.50
	16QAM	1	0	14.07	13.97	14.00	15.50
		1	38	14.22	14.05	14.04	15.50
		1	74	14.35	14.09	14.15	15.50
		36	0	14.06	14.04	13.99	15.50
		36	18	14.15	14.13	14.03	15.50
		36	39	13.97	14.09	14.13	15.50
		75	0	14.11	14.10	14.06	15.50
	64QAM	1	0	14.34	14.20	13.99	15.50
		1	38	13.90	13.97	14.20	15.50
		1	74	14.31	14.40	14.15	15.50
		36	0	14.02	14.07	13.93	15.50
		36	18	14.14	14.14	13.99	15.50
		36	39	14.12	14.06	14.11	15.50
		75	0	14.23	14.06	14.06	15.50
	256QAM	1	0	14.02	14.06	14.05	15.50
		1	38	14.20	14.18	13.59	15.50
		1	74	14.28	14.02	14.65	15.50
		36	0	13.89	13.91	13.90	15.50
		36	18	14.16	14.09	14.00	15.50
		36	39	14.17	14.14	14.13	15.50
		75	0	14.09	14.05	14.09	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	13.94	13.87	13.84	15.50
		1	50	13.98	13.90	13.89	15.50



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		1	99	14.10	14.03	14.03	15.50
		50	0	14.02	14.01	13.98	15.50
		50	25	14.05	14.07	13.95	15.50
		50	50	14.04	14.06	14.05	15.50
		100	0	14.05	14.04	14.01	15.50
	16QAM	1	0	14.00	13.92	13.97	15.50
		1	50	14.13	13.97	13.98	15.50
		1	99	14.34	14.07	14.06	15.50
		50	0	14.04	14.00	13.92	15.50
		50	25	14.08	14.08	14.00	15.50
		50	50	13.96	14.02	14.09	15.50
		100	0	14.09	14.02	13.99	15.50
	64QAM	1	0	14.31	14.13	13.97	15.50
		1	50	13.83	13.95	14.19	15.50
		1	99	14.29	14.35	14.08	15.50
		50	0	14.01	13.99	13.88	15.50
		50	25	14.07	14.05	13.91	15.50
		50	50	14.07	14.03	14.07	15.50
		100	0	14.14	14.03	14.01	15.50
	256QAM	1	0	13.98	13.99	14.03	15.50
		1	50	14.11	14.09	13.51	15.50
		1	99	14.20	13.99	14.56	15.50
		50	0	13.84	13.83	13.82	15.50
		50	25	14.08	14.07	13.95	15.50
		50	50	14.08	14.11	14.09	15.50
		100	0	14.08	13.98	14.04	15.50



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LTE Band 66 DS15				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.89	20.88	20.89	22.50
		1	2	20.88	20.92	20.73	22.50
		1	5	21.02	20.89	20.83	22.50
		3	0	20.98	20.98	20.94	22.50
		3	1	20.93	20.94	20.98	22.50
		3	3	20.88	20.94	20.98	22.50
		6	0	21.00	20.92	20.92	22.50
	16QAM	1	0	20.68	20.87	20.74	22.50
		1	2	20.91	20.83	20.96	22.50
		1	5	20.94	20.97	20.88	22.50
		3	0	20.96	20.91	20.89	22.50
		3	1	20.97	20.91	20.91	22.50
		3	3	20.90	20.97	20.94	22.50
		6	0	20.85	20.95	20.81	22.50
	64QAM	1	0	20.79	20.79	20.82	22.50
		1	2	20.96	20.92	20.87	22.50
		1	5	20.99	20.91	21.08	22.50
		3	0	20.99	20.92	21.04	22.50
		3	1	20.98	20.91	21.09	22.50
		3	3	21.06	20.97	21.04	22.50
		6	0	20.00	19.98	19.89	21.50
	256QAM	1	0	18.00	17.79	18.01	19.50
		1	2	17.88	18.07	17.96	19.50
		1	5	18.03	18.27	18.42	19.50
		3	0	17.75	18.04	17.89	19.50
		3	1	17.81	17.96	17.97	19.50
		3	3	17.94	18.04	17.97	19.50
		6	0	17.96	17.96	17.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.94	20.86	20.83	22.50
		1	7	20.86	20.84	20.76	22.50
		1	14	21.04	20.88	20.83	22.50
		8	0	20.90	21.01	20.90	22.50
		8	4	20.88	21.01	21.01	22.50



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		8	7	20.89	20.89	20.92	22.50
		15	0	21.00	20.96	20.95	22.50
	16QAM	1	0	20.66	20.83	20.79	22.50
		1	7	20.89	20.82	20.96	22.50
		1	14	20.90	21.00	20.91	22.50
		8	0	20.99	20.89	20.83	22.50
		8	4	20.97	20.92	20.94	22.50
		8	7	20.94	20.96	20.93	22.50
		15	0	20.84	20.96	20.75	22.50
		1	0	20.85	20.81	20.84	22.50
	64QAM	1	7	20.96	20.95	20.83	22.50
		1	14	21.00	20.91	21.05	22.50
		8	0	20.01	19.74	19.77	21.50
		8	4	19.92	20.02	20.05	21.50
		8	7	19.90	20.01	19.93	21.50
		15	0	19.93	19.98	19.89	21.50
		1	0	18.04	17.85	17.96	19.50
	256QAM	1	7	17.87	17.99	17.95	19.50
		1	14	18.09	18.27	18.44	19.50
		8	0	17.74	18.04	17.87	19.50
		8	4	17.86	17.97	17.97	19.50
		8	7	17.91	18.08	17.97	19.50
		15	0	17.92	17.99	18.00	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.91	20.84	20.89	22.50
		1	13	20.81	20.87	20.80	22.50
		1	24	21.00	20.90	20.91	22.50
		12	0	20.92	20.94	20.92	22.50
		12	6	20.87	20.98	20.94	22.50
		12	13	20.90	20.90	20.93	22.50
		25	0	20.98	20.93	20.92	22.50
	16QAM	1	0	20.67	20.85	20.81	22.50
		1	13	20.85	20.81	20.94	22.50
		1	24	20.95	20.94	20.87	22.50
		12	0	20.96	20.89	20.87	22.50
		12	6	20.98	20.93	20.93	22.50
		12	13	20.91	21.03	20.88	22.50
		25	0	20.87	20.91	20.79	22.50



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	64QAM	1	0	20.79	20.82	20.80	22.50
		1	13	20.97	20.88	20.82	22.50
		1	24	20.99	20.91	21.03	22.50
		12	0	19.96	19.76	19.79	21.50
		12	6	19.91	19.96	20.01	21.50
		12	13	19.86	20.00	19.98	21.50
		25	0	19.96	19.99	19.86	21.50
	256QAM	1	0	17.98	17.84	17.95	19.50
		1	13	17.85	18.02	17.96	19.50
		1	24	18.03	18.25	18.46	19.50
		12	0	17.67	17.97	17.81	19.50
		12	6	17.88	17.93	17.97	19.50
		12	13	17.92	18.05	17.95	19.50
		25	0	17.91	17.99	17.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.95	20.91	20.87	22.50
		1	25	20.87	20.92	20.74	22.50
		1	49	21.03	20.85	20.89	22.50
		25	0	20.90	20.95	20.92	22.50
		25	13	20.93	21.02	20.95	22.50
		25	25	20.91	20.94	20.98	22.50
		50	0	21.03	20.94	20.98	22.50
	16QAM	1	0	20.71	20.84	20.82	22.50
		1	25	20.86	20.78	20.97	22.50
		1	49	20.94	21.02	20.90	22.50
		25	0	20.95	20.92	20.82	22.50
		25	13	20.94	20.92	20.90	22.50
		25	25	20.89	21.02	20.93	22.50
		50	0	20.84	20.97	20.80	22.50
	64QAM	1	0	20.83	20.79	20.77	22.50
		1	25	21.00	20.93	20.90	22.50
		1	49	21.01	20.94	21.02	22.50
		25	0	19.94	19.76	19.83	21.50
		25	13	19.92	19.96	20.04	21.50
		25	25	19.87	19.95	19.96	21.50
		50	0	19.99	20.04	19.83	21.50
	256QAM	1	0	18.01	17.80	18.03	19.50
		1	25	17.89	18.00	17.96	19.50



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		1	49	18.05	18.28	18.42	19.50
		25	0	17.67	18.05	17.82	19.50
		25	13	17.83	17.99	17.93	19.50
		25	25	17.90	18.03	17.98	19.50
		50	0	17.93	18.04	17.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.88	20.90	20.88	22.50
		1	38	20.86	20.92	20.80	22.50
		1	74	21.06	20.85	20.84	22.50
		36	0	20.97	21.00	20.94	22.50
		36	18	20.93	20.94	20.95	22.50
		36	39	20.86	20.90	20.98	22.50
		75	0	21.01	20.91	20.98	22.50
	16QAM	1	0	20.65	20.84	20.77	22.50
		1	38	20.87	20.79	20.94	22.50
		1	74	20.93	20.99	20.88	22.50
		36	0	20.98	20.92	20.85	22.50
		36	18	20.99	20.88	20.92	22.50
		36	39	20.88	20.97	20.92	22.50
		75	0	20.86	20.95	20.78	22.50
	64QAM	1	0	20.82	20.81	20.77	22.50
		1	38	20.99	20.87	20.90	22.50
		1	74	21.02	20.90	21.07	22.50
		36	0	20.01	19.72	19.80	21.50
		36	18	19.92	19.96	19.97	21.50
		36	39	19.90	19.98	19.96	21.50
		75	0	19.94	20.04	19.91	21.50
	256QAM	1	0	17.96	17.78	18.01	19.50
		1	38	17.90	18.03	17.91	19.50
		1	74	18.06	18.23	18.46	19.50
		36	0	17.70	17.97	17.88	19.50
		36	18	17.80	17.99	17.96	19.50
		36	39	17.95	18.06	18.00	19.50
		75	0	17.99	17.96	17.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.96	20.92	20.90	22.50
		1	50	20.89	20.93	20.82	22.50



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		1	99	21.09	20.92	20.92	22.50
		50	0	20.99	21.02	20.95	22.50
		50	25	20.96	21.03	21.04	22.50
		50	50	20.95	20.96	21.01	22.50
		100	0	21.05	21.00	21.01	22.50
	16QAM	1	0	20.64	20.79	20.73	22.50
		1	50	20.83	20.75	20.88	22.50
		1	99	20.89	20.93	20.86	22.50
		50	0	20.94	20.84	20.81	22.50
		50	25	20.90	20.86	20.87	22.50
		50	50	20.87	20.94	20.85	22.50
		100	0	20.79	20.88	20.74	22.50
	64QAM	1	0	20.76	20.74	20.75	22.50
		1	50	20.95	20.86	20.81	22.50
		1	99	20.97	20.89	21.00	22.50
		50	0	19.92	19.69	19.74	21.50
		50	25	19.84	19.93	19.96	21.50
		50	50	19.83	19.93	19.91	21.50
		100	0	19.92	19.96	19.82	21.50
	256QAM	1	0	17.95	17.77	17.94	19.50
		1	50	17.83	17.98	17.88	19.50
		1	99	18.01	18.21	18.41	19.50
		50	0	17.66	17.96	17.80	19.50
		50	25	17.79	17.91	17.91	19.50
		50	50	17.89	18.02	17.94	19.50
		100	0	17.90	17.95	17.93	19.50



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LTE Band 66 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.56	19.44	19.39	21.00
		1	2	19.46	19.56	19.55	21.00
		1	5	19.46	19.56	19.59	21.00
		3	0	19.52	19.49	19.44	21.00
		3	1	19.64	19.41	19.44	21.00
		3	3	19.58	19.58	19.65	21.00
		6	0	19.62	19.59	19.53	21.00
	16QAM	1	0	19.10	19.18	19.18	21.00
		1	2	19.51	19.72	19.33	21.00
		1	5	19.74	19.51	19.30	21.00
		3	0	19.52	19.45	19.37	21.00
		3	1	19.52	19.40	19.41	21.00
		3	3	19.47	19.50	19.50	21.00
		6	0	19.47	19.52	19.43	21.00
	64QAM	1	0	19.24	19.26	19.27	21.00
		1	2	19.47	19.10	19.03	21.00
		1	5	19.61	19.54	19.28	21.00
		3	0	19.47	19.45	19.40	21.00
		3	1	19.35	19.48	19.44	21.00
		3	3	19.39	19.48	19.44	21.00
		6	0	19.36	19.43	19.48	21.00
	256QAM	1	0	17.75	17.84	17.97	19.50
		1	2	17.79	17.79	17.75	19.50
		1	5	18.00	18.23	18.37	19.50
		3	0	17.67	17.67	17.88	19.50
		3	1	17.97	17.99	17.95	19.50
		3	3	18.07	18.00	18.00	19.50
		6	0	17.89	18.02	17.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.56	19.46	19.43	21.00
		1	7	19.49	19.56	19.54	21.00
		1	14	19.49	19.63	19.55	21.00
		8	0	19.57	19.53	19.43	21.00
		8	4	19.65	19.41	19.40	21.00



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		8	7	19.55	19.58	19.71	21.00
		15	0	19.59	19.57	19.52	21.00
	16QAM	1	0	19.05	19.14	19.18	21.00
		1	7	19.45	19.64	19.33	21.00
		1	14	19.72	19.56	19.30	21.00
		8	0	19.48	19.47	19.36	21.00
		8	4	19.51	19.41	19.40	21.00
		8	7	19.50	19.56	19.48	21.00
		15	0	19.49	19.52	19.40	21.00
		1	0	19.22	19.24	19.26	21.00
	64QAM	1	7	19.51	19.11	19.06	21.00
		1	14	19.55	19.60	19.25	21.00
		8	0	19.44	19.42	19.43	21.00
		8	4	19.35	19.49	19.41	21.00
		8	7	19.40	19.51	19.40	21.00
		15	0	19.34	19.42	19.47	21.00
		1	0	17.75	17.80	17.96	19.50
	256QAM	1	7	17.75	17.76	17.80	19.50
		1	14	17.95	18.18	18.33	19.50
		8	0	17.71	17.68	17.86	19.50
		8	4	17.91	18.00	17.87	19.50
		8	7	18.06	17.94	17.94	19.50
		15	0	17.96	18.02	17.89	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.53	19.44	19.44	21.00
		1	13	19.43	19.54	19.48	21.00
		1	24	19.53	19.62	19.53	21.00
		12	0	19.53	19.48	19.50	21.00
		12	6	19.65	19.42	19.45	21.00
		12	13	19.58	19.56	19.67	21.00
		25	0	19.60	19.56	19.48	21.00
	16QAM	1	0	19.04	19.13	19.18	21.00
		1	13	19.47	19.65	19.34	21.00
		1	24	19.68	19.58	19.27	21.00
		12	0	19.47	19.50	19.32	21.00
		12	6	19.53	19.37	19.44	21.00
		12	13	19.47	19.51	19.52	21.00
		25	0	19.48	19.49	19.43	21.00



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	64QAM	1	0	19.26	19.28	19.31	21.00
		1	13	19.54	19.17	19.03	21.00
		1	24	19.61	19.59	19.22	21.00
		12	0	19.44	19.42	19.36	21.00
		12	6	19.32	19.50	19.36	21.00
		12	13	19.42	19.51	19.39	21.00
		25	0	19.31	19.44	19.50	21.00
	256QAM	1	0	17.71	17.78	18.00	19.50
		1	13	17.75	17.74	17.78	19.50
		1	24	18.01	18.15	18.30	19.50
		12	0	17.70	17.73	17.87	19.50
		12	6	17.96	17.99	17.95	19.50
		12	13	18.03	17.96	17.93	19.50
		25	0	17.95	17.98	17.92	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.50	19.51	19.44	21.00
		1	25	19.47	19.50	19.53	21.00
		1	49	19.52	19.60	19.59	21.00
		25	0	19.55	19.56	19.51	21.00
		25	13	19.68	19.38	19.44	21.00
		25	25	19.54	19.56	19.64	21.00
		50	0	19.63	19.60	19.45	21.00
	16QAM	1	0	19.05	19.16	19.20	21.00
		1	25	19.47	19.66	19.40	21.00
		1	49	19.73	19.52	19.29	21.00
		25	0	19.46	19.47	19.37	21.00
		25	13	19.46	19.40	19.40	21.00
		25	25	19.50	19.55	19.48	21.00
		50	0	19.43	19.55	19.41	21.00
	64QAM	1	0	19.30	19.22	19.30	21.00
		1	25	19.53	19.15	19.09	21.00
		1	49	19.54	19.60	19.27	21.00
		25	0	19.39	19.49	19.40	21.00
		25	13	19.34	19.42	19.40	21.00
		25	25	19.44	19.53	19.40	21.00
		50	0	19.39	19.43	19.50	21.00
	256QAM	1	0	17.69	17.83	17.94	19.50
		1	25	17.75	17.78	17.75	19.50



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		1	49	17.99	18.20	18.37	19.50
		25	0	17.68	17.71	17.86	19.50
		25	13	17.96	17.93	17.88	19.50
		25	25	18.01	18.00	17.99	19.50
		50	0	17.97	18.02	17.88	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.50	19.44	19.38	21.00
		1	38	19.41	19.55	19.48	21.00
		1	74	19.52	19.60	19.57	21.00
		36	0	19.57	19.48	19.49	21.00
		36	18	19.62	19.36	19.42	21.00
		36	39	19.53	19.57	19.66	21.00
		75	0	19.65	19.60	19.52	21.00
	16QAM	1	0	19.03	19.19	19.16	21.00
		1	38	19.48	19.66	19.35	21.00
		1	74	19.75	19.52	19.30	21.00
		36	0	19.47	19.43	19.36	21.00
		36	18	19.46	19.37	19.42	21.00
		36	39	19.48	19.49	19.50	21.00
		75	0	19.50	19.54	19.41	21.00
	64QAM	1	0	19.22	19.22	19.31	21.00
		1	38	19.54	19.17	19.10	21.00
		1	74	19.59	19.53	19.23	21.00
		36	0	19.46	19.42	19.35	21.00
		36	18	19.33	19.49	19.36	21.00
		36	39	19.43	19.46	19.41	21.00
		75	0	19.32	19.50	19.50	21.00
	256QAM	1	0	17.73	17.82	17.99	19.50
		1	38	17.78	17.76	17.79	19.50
		1	74	18.00	18.23	18.36	19.50
		36	0	17.66	17.72	17.88	19.50
		36	18	17.97	18.00	17.87	19.50
		36	39	18.05	17.94	18.01	19.50
		75	0	17.97	17.98	17.89	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.47	19.43	19.37	21.00
		1	50	19.40	19.47	19.46	21.00



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		1	99	19.45	19.55	19.51	21.00
		50	0	19.50	19.47	19.42	21.00
		50	25	19.45	19.33	19.38	21.00
		50	50	19.60	19.55	19.62	21.00
		100	0	19.57	19.51	19.44	21.00
	16QAM	1	0	19.02	19.10	19.12	21.00
		1	50	19.43	19.63	19.32	21.00
		1	99	19.67	19.49	19.21	21.00
		50	0	19.44	19.42	19.28	21.00
		50	25	19.44	19.36	19.38	21.00
		50	50	19.44	19.48	19.47	21.00
		100	0	19.41	19.46	19.36	21.00
	64QAM	1	0	19.21	19.21	19.25	21.00
		1	50	19.46	19.08	19.02	21.00
		1	99	19.53	19.52	19.20	21.00
		50	0	19.38	19.40	19.34	21.00
		50	25	19.29	19.41	19.35	21.00
		50	50	19.35	19.45	19.37	21.00
		100	0	19.30	19.41	19.43	21.00
	256QAM	1	0	17.68	17.77	17.93	19.50
		1	50	17.73	17.71	17.71	19.50
		1	99	17.93	18.14	18.29	19.50
		50	0	17.65	17.66	17.80	19.50
		50	25	17.88	17.92	17.86	19.50
		50	50	17.98	17.92	17.92	19.50
		100	0	17.88	17.95	17.85	19.50



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LTE Band 38 DS12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	14.20	14.27	14.27	15.50
		1	13	14.23	14.21	14.18	15.50
		1	24	14.20	14.16	14.12	15.50
		12	0	14.35	14.38	14.26	15.50
		12	6	14.35	14.28	14.22	15.50
		12	13	14.30	14.25	14.16	15.50
		25	0	14.35	14.25	14.33	15.50
	16QAM	1	0	14.22	14.14	14.26	15.50
		1	13	14.27	14.19	14.14	15.50
		1	24	14.09	14.21	14.05	15.50
		12	0	14.41	14.40	14.31	15.50
		12	6	14.38	14.32	14.31	15.50
		12	13	14.25	14.27	14.16	15.50
		25	0	14.35	14.26	14.30	15.50
	64QAM	1	0	14.25	14.36	14.35	15.50
		1	13	14.30	14.21	14.25	15.50
		1	24	14.35	14.12	14.11	15.50
		12	0	14.30	14.36	14.25	15.50
		12	6	14.44	14.29	14.30	15.50
		12	13	14.29	14.26	14.22	15.50
		25	0	14.38	14.33	14.30	15.50
	256QAM	1	0	14.22	14.35	14.27	15.50
		1	13	14.26	14.23	14.11	15.50
		1	24	14.29	14.05	14.04	15.50
		12	0	14.38	14.38	14.30	15.50
		12	6	14.36	14.27	14.25	15.50
		12	13	14.32	14.25	14.16	15.50
		25	0	14.36	14.25	14.33	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	14.18	14.26	14.19	15.50
		1	25	14.28	14.19	14.18	15.50
		1	49	14.17	14.18	14.12	15.50
		25	0	14.33	14.32	14.32	15.50
		25	13	14.40	14.32	14.24	15.50



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		25	25	14.30	14.25	14.16	15.50
		50	0	14.43	14.24	14.25	15.50
	16QAM	1	0	14.25	14.14	14.22	15.50
		1	25	14.29	14.25	14.14	15.50
		1	49	14.09	14.23	13.98	15.50
		25	0	14.38	14.38	14.33	15.50
		25	13	14.37	14.26	14.32	15.50
		25	25	14.29	14.27	14.19	15.50
		50	0	14.39	14.27	14.23	15.50
		1	0	14.18	14.37	14.34	15.50
	64QAM	1	25	14.26	14.15	14.25	15.50
		1	49	14.32	14.11	14.11	15.50
		25	0	14.32	14.41	14.33	15.50
		25	13	14.37	14.32	14.31	15.50
		25	25	14.36	14.29	14.20	15.50
		50	0	14.36	14.30	14.34	15.50
		1	0	14.23	14.35	14.23	15.50
	256QAM	1	25	14.24	14.25	14.07	15.50
		1	49	14.34	14.04	14.11	15.50
		25	0	14.36	14.31	14.28	15.50
		25	13	14.40	14.29	14.23	15.50
		25	25	14.34	14.26	14.16	15.50
		50	0	14.35	14.23	14.28	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	14.24	14.24	14.24	15.50
		1	38	14.28	14.21	14.22	15.50
		1	74	14.21	14.10	14.14	15.50
		36	0	14.37	14.34	14.27	15.50
		36	18	14.42	14.33	14.27	15.50
		36	39	14.29	14.26	14.12	15.50
		75	0	14.36	14.27	14.25	15.50
	16QAM	1	0	14.20	14.16	14.22	15.50
		1	38	14.32	14.27	14.08	15.50
		1	74	14.11	14.25	14.01	15.50
		36	0	14.38	14.37	14.32	15.50
		36	18	14.42	14.27	14.25	15.50
		36	39	14.33	14.28	14.17	15.50
		75	0	14.33	14.26	14.25	15.50



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	64QAM	1	0	14.17	14.35	14.34	15.50
		1	38	14.30	14.20	14.28	15.50
		1	74	14.34	14.14	14.14	15.50
		36	0	14.30	14.35	14.32	15.50
		36	18	14.42	14.29	14.29	15.50
		36	39	14.34	14.32	14.15	15.50
		75	0	14.39	14.28	14.27	15.50
	256QAM	1	0	14.18	14.32	14.26	15.50
		1	38	14.22	14.29	14.08	15.50
		1	74	14.30	14.05	14.08	15.50
		36	0	14.37	14.33	14.23	15.50
		36	18	14.40	14.25	14.24	15.50
		36	39	14.30	14.31	14.22	15.50
		75	0	14.36	14.25	14.32	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	14.27	14.31	14.28	15.50
		1	50	14.30	14.28	14.26	15.50
		1	99	14.24	14.19	14.16	15.50
		50	0	14.42	14.40	14.35	15.50
		50	25	14.44	14.34	14.31	15.50
		50	50	14.37	14.30	14.21	15.50
		100	0	14.44	14.32	14.34	15.50
	16QAM	1	0	14.26	14.20	14.27	15.50
		1	50	14.34	14.28	14.17	15.50
		1	99	14.17	14.26	14.06	15.50
		50	0	14.42	14.42	14.36	15.50
		50	25	14.45	14.34	14.33	15.50
		50	50	14.34	14.33	14.22	15.50
		100	0	14.40	14.33	14.31	15.50
	64QAM	1	0	14.26	14.43	14.39	15.50
		1	50	14.31	14.23	14.30	15.50
		1	99	14.36	14.19	14.20	15.50
		50	0	14.38	14.43	14.34	15.50
		50	25	14.46	14.36	14.32	15.50
		50	50	14.38	14.33	14.24	15.50
		100	0	14.45	14.35	14.36	15.50
	256QAM	1	0	14.27	14.38	14.28	15.50
		1	50	14.27	14.30	14.14	15.50



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		1	99	14.35	14.13	14.13	15.50
		50	0	14.41	14.40	14.31	15.50
		50	25	14.45	14.34	14.29	15.50
		50	50	14.36	14.33	14.24	15.50
		100	0	14.44	14.31	14.37	15.50



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LTE Band 38 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	13.29	13.17	13.24	14.50
		1	13	13.28	13.27	13.08	14.50
		1	24	13.17	13.14	13.10	14.50
		12	0	13.41	13.39	13.34	14.50
		12	6	13.37	13.28	13.31	14.50
		12	13	13.34	13.25	13.18	14.50
		25	0	13.37	13.30	13.33	14.50
	16QAM	1	0	13.34	13.20	13.19	14.50
		1	13	13.35	13.24	13.07	14.50
		1	24	13.11	13.12	13.09	14.50
		12	0	13.39	13.42	13.31	14.50
		12	6	13.40	13.30	13.27	14.50
		12	13	13.29	13.29	13.19	14.50
		25	0	13.44	13.30	13.30	14.50
	64QAM	1	0	13.22	13.19	13.10	14.50
		1	13	13.20	13.35	13.14	14.50
		1	24	13.14	13.24	13.03	14.50
		12	0	13.36	13.37	13.30	14.50
		12	6	13.41	13.26	13.29	14.50
		12	13	13.30	13.25	13.20	14.50
		25	0	13.39	13.28	13.28	14.50
	256QAM	1	0	13.33	13.39	13.38	14.50
		1	13	13.20	13.27	12.95	14.50
		1	24	13.32	13.07	13.24	14.50
		12	0	13.36	13.41	13.35	14.50
		12	6	13.44	13.30	13.31	14.50
		12	13	13.30	13.30	13.25	14.50
		25	0	13.40	13.29	13.28	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	13.23	13.20	13.19	14.50
		1	25	13.23	13.22	13.11	14.50
		1	49	13.20	13.14	13.06	14.50
		25	0	13.39	13.37	13.30	14.50
		25	13	13.37	13.26	13.28	14.50



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		25	25	13.36	13.30	13.17	14.50
		50	0	13.37	13.29	13.31	14.50
	16QAM	1	0	13.27	13.26	13.20	14.50
		1	25	13.29	13.20	13.10	14.50
		1	49	13.09	13.16	13.10	14.50
		25	0	13.37	13.43	13.27	14.50
		25	13	13.38	13.34	13.28	14.50
		25	25	13.32	13.26	13.15	14.50
		50	0	13.42	13.28	13.29	14.50
		1	0	13.24	13.16	13.13	14.50
	64QAM	1	25	13.17	13.39	13.13	14.50
		1	49	13.17	13.22	13.00	14.50
		25	0	13.38	13.38	13.26	14.50
		25	13	13.38	13.27	13.33	14.50
		25	25	13.30	13.26	13.17	14.50
		50	0	13.38	13.30	13.29	14.50
		1	0	13.34	13.42	13.34	14.50
	256QAM	1	25	13.20	13.31	12.99	14.50
		1	49	13.29	13.11	13.20	14.50
		25	0	13.42	13.34	13.33	14.50
		25	13	13.41	13.32	13.29	14.50
		25	25	13.30	13.31	13.22	14.50
		50	0	13.37	13.31	13.33	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	13.28	13.21	13.21	14.50
		1	38	13.28	13.24	13.11	14.50
		1	74	13.21	13.16	13.05	14.50
		36	0	13.38	13.38	13.28	14.50
		36	18	13.39	13.29	13.25	14.50
		36	39	13.29	13.26	13.17	14.50
		75	0	13.42	13.31	13.31	14.50
	16QAM	1	0	13.30	13.20	13.19	14.50
		1	38	13.34	13.20	13.07	14.50
		1	74	13.05	13.19	13.15	14.50
		36	0	13.36	13.46	13.25	14.50
		36	18	13.45	13.31	13.31	14.50
		36	39	13.32	13.29	13.18	14.50
		75	0	13.45	13.30	13.29	14.50



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	64QAM	1	0	13.22	13.18	13.17	14.50
		1	38	13.17	13.40	13.11	14.50
		1	74	13.17	13.30	13.05	14.50
		36	0	13.34	13.40	13.26	14.50
		36	18	13.44	13.28	13.26	14.50
		36	39	13.32	13.26	13.23	14.50
		75	0	13.39	13.28	13.31	14.50
	256QAM	1	0	13.31	13.40	13.37	14.50
		1	38	13.18	13.26	12.94	14.50
		1	74	13.31	13.07	13.24	14.50
		36	0	13.42	13.39	13.31	14.50
		36	18	13.44	13.31	13.29	14.50
		36	39	13.29	13.32	13.20	14.50
		75	0	13.42	13.34	13.30	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	13.31	13.26	13.25	14.50
		1	50	13.31	13.29	13.17	14.50
		1	99	13.26	13.19	13.11	14.50
		50	0	13.43	13.43	13.36	14.50
		50	25	13.43	13.35	13.32	14.50
		50	50	13.37	13.32	13.23	14.50
		100	0	13.44	13.35	13.35	14.50
	16QAM	1	0	13.36	13.29	13.27	14.50
		1	50	13.38	13.29	13.13	14.50
		1	99	13.12	13.20	13.17	14.50
		50	0	13.44	13.48	13.33	14.50
		50	25	13.47	13.39	13.32	14.50
		50	50	13.37	13.34	13.22	14.50
		100	0	13.48	13.32	13.34	14.50
	64QAM	1	0	13.26	13.22	13.18	14.50
		1	50	13.23	13.41	13.17	14.50
		1	99	13.18	13.31	13.06	14.50
		50	0	13.41	13.41	13.34	14.50
		50	25	13.45	13.34	13.34	14.50
		50	50	13.34	13.32	13.25	14.50
		100	0	13.42	13.36	13.32	14.50
	256QAM	1	0	13.40	13.48	13.39	14.50
		1	50	13.27	13.34	13.03	14.50



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		1	99	13.37	13.16	13.28	14.50
		50	0	13.45	13.43	13.37	14.50
		50	25	13.46	13.37	13.33	14.50
		50	50	13.35	13.36	13.28	14.50
		100	0	13.44	13.38	13.36	14.50



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LTE Band 38 DS14/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.31	20.32	20.13	21.50
		1	13	20.33	20.34	20.15	21.50
		1	24	20.21	20.23	20.06	21.50
		12	0	20.36	20.36	20.20	21.50
		12	6	20.39	20.32	20.21	21.50
		12	13	20.37	20.28	20.14	21.50
		25	0	20.39	20.30	20.29	21.50
	16QAM	1	0	20.17	20.26	20.21	21.50
		1	13	20.23	20.13	19.87	21.50
		1	24	20.24	20.03	20.03	21.50
		12	0	20.42	20.36	20.35	21.50
		12	6	20.27	20.30	20.28	21.50
		12	13	20.36	20.22	20.18	21.50
		25	0	20.42	20.29	20.25	21.50
	64QAM	1	0	20.08	20.14	20.09	21.50
		1	13	20.17	20.10	19.93	21.50
		1	24	20.07	20.09	20.04	21.50
		12	0	20.41	20.25	20.11	21.50
		12	6	20.41	20.17	20.10	21.50
		12	13	20.28	20.20	19.93	21.50
		25	0	20.36	20.21	20.17	21.50
	256QAM	1	0	18.79	18.64	18.88	20.00
		1	13	18.87	18.83	18.74	20.00
		1	24	18.62	18.34	18.65	20.00
		12	0	18.90	18.88	18.73	20.00
		12	6	18.92	18.78	18.78	20.00
		12	13	18.84	18.71	18.43	20.00
		25	0	18.89	18.74	18.53	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.26	20.34	20.16	21.50
		1	25	20.36	20.30	20.22	21.50
		1	49	20.27	20.22	20.14	21.50
		25	0	20.42	20.32	20.23	21.50
		25	13	20.42	20.29	20.21	21.50



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		25	25	20.32	20.27	20.21	21.50
		50	0	20.41	20.30	20.22	21.50
	16QAM	1	0	20.13	20.24	20.23	21.50
		1	25	20.28	20.18	19.85	21.50
		1	49	20.26	19.99	20.02	21.50
		25	0	20.39	20.36	20.32	21.50
		25	13	20.24	20.31	20.34	21.50
		25	25	20.31	20.28	20.18	21.50
		50	0	20.39	20.30	20.26	21.50
		1	0	20.16	20.06	20.11	21.50
	64QAM	1	25	20.17	20.06	19.97	21.50
		1	49	20.11	20.16	20.05	21.50
		25	0	20.36	20.33	20.16	21.50
		25	13	20.45	20.21	20.13	21.50
		25	25	20.26	20.21	19.97	21.50
		50	0	20.38	20.17	20.12	21.50
		1	0	18.75	18.59	18.91	20.00
	256QAM	1	25	18.90	18.84	18.76	20.00
		1	49	18.60	18.35	18.60	20.00
		25	0	18.87	18.87	18.77	20.00
		25	13	18.90	18.85	18.72	20.00
		25	25	18.85	18.74	18.40	20.00
		50	0	18.86	18.79	18.52	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.27	20.28	20.14	21.50
		1	38	20.40	20.34	20.15	21.50
		1	74	20.23	20.24	20.07	21.50
		36	0	20.42	20.39	20.27	21.50
		36	18	20.43	20.35	20.29	21.50
		36	39	20.33	20.26	20.16	21.50
		75	0	20.41	20.29	20.25	21.50
	16QAM	1	0	20.17	20.26	20.20	21.50
		1	38	20.25	20.13	19.89	21.50
		1	74	20.26	20.00	20.08	21.50
		36	0	20.39	20.32	20.34	21.50
		36	18	20.24	20.28	20.27	21.50
		36	39	20.33	20.26	20.17	21.50
		75	0	20.34	20.30	20.30	21.50



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	64QAM	1	0	20.10	20.07	20.07	21.50
		1	38	20.23	20.09	19.97	21.50
		1	74	20.11	20.10	20.03	21.50
		36	0	20.40	20.25	20.17	21.50
		36	18	20.46	20.20	20.09	21.50
		36	39	20.25	20.19	19.94	21.50
		75	0	20.39	20.22	20.13	21.50
	256QAM	1	0	18.75	18.57	18.84	20.00
		1	38	18.87	18.83	18.77	20.00
		1	74	18.63	18.42	18.59	20.00
		36	0	18.92	18.83	18.80	20.00
		36	18	18.94	18.84	18.78	20.00
		36	39	18.79	18.69	18.43	20.00
		75	0	18.87	18.80	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.35	20.36	20.20	21.50
		1	50	20.42	20.35	20.23	21.50
		1	99	20.28	20.26	20.15	21.50
		50	0	20.44	20.41	20.28	21.50
		50	25	20.44	20.38	20.30	21.50
		50	50	20.38	20.34	20.23	21.50
		100	0	20.46	20.33	20.31	21.50
	16QAM	1	0	20.22	20.31	20.24	21.50
		1	50	20.30	20.22	19.94	21.50
		1	99	20.29	20.05	20.11	21.50
		50	0	20.44	20.40	20.36	21.50
		50	25	20.33	20.34	20.36	21.50
		50	50	20.38	20.30	20.23	21.50
		100	0	20.43	20.31	20.33	21.50
	64QAM	1	0	20.17	20.15	20.16	21.50
		1	50	20.25	20.15	19.98	21.50
		1	99	20.13	20.17	20.08	21.50
		50	0	20.45	20.34	20.20	21.50
		50	25	20.47	20.25	20.18	21.50
		50	50	20.34	20.22	20.02	21.50
		100	0	20.42	20.24	20.20	21.50
	256QAM	1	0	18.80	18.66	18.92	20.00
		1	50	18.91	18.87	18.79	20.00



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		1	99	18.64	18.43	18.68	20.00
		50	0	18.96	18.89	18.81	20.00
		50	25	18.95	18.87	18.80	20.00
		50	50	18.88	18.77	18.47	20.00
		100	0	18.93	18.82	18.61	20.00



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LTE Band 38 DS18/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	16.24	16.26	16.20	17.50
		1	13	16.37	16.22	16.20	17.50
		1	24	16.32	16.17	16.09	17.50
		12	0	16.36	16.38	16.23	17.50
		12	6	16.39	16.32	16.30	17.50
		12	13	16.31	16.28	16.14	17.50
		25	0	16.32	16.24	16.29	17.50
	16QAM	1	0	16.15	16.11	16.22	17.50
		1	13	16.31	16.25	16.16	17.50
		1	24	16.28	16.22	16.04	17.50
		12	0	16.36	16.30	16.32	17.50
		12	6	16.38	16.29	16.26	17.50
		12	13	16.31	16.21	16.16	17.50
		25	0	16.40	16.24	16.28	17.50
	64QAM	1	0	16.03	16.17	16.17	17.50
		1	13	16.28	16.19	16.35	17.50
		1	24	16.19	16.20	16.37	17.50
		12	0	16.36	16.36	16.21	17.50
		12	6	16.40	16.26	16.20	17.50
		12	13	16.24	16.24	16.19	17.50
		25	0	16.38	16.21	16.27	17.50
	256QAM	1	0	16.28	16.37	16.17	17.50
		1	13	16.33	16.19	16.27	17.50
		1	24	16.22	16.42	16.14	17.50
		12	0	16.37	16.35	16.34	17.50
		12	6	16.44	16.32	16.28	17.50
		12	13	16.34	16.24	16.18	17.50
		25	0	16.37	16.26	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	16.26	16.20	16.24	17.50
		1	25	16.37	16.27	16.25	17.50
		1	49	16.29	16.18	16.08	17.50
		25	0	16.41	16.37	16.26	17.50
		25	13	16.38	16.31	16.30	17.50



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		25	25	16.29	16.21	16.18	17.50
		50	0	16.36	16.25	16.28	17.50
	16QAM	1	0	16.10	16.13	16.23	17.50
		1	25	16.27	16.32	16.15	17.50
		1	49	16.32	16.18	16.04	17.50
		25	0	16.36	16.26	16.30	17.50
		25	13	16.40	16.27	16.21	17.50
		25	25	16.26	16.25	16.13	17.50
		50	0	16.37	16.22	16.22	17.50
		1	0	16.02	16.23	16.16	17.50
	64QAM	1	25	16.33	16.18	16.34	17.50
		1	49	16.12	16.17	16.36	17.50
		25	0	16.31	16.38	16.27	17.50
		25	13	16.41	16.26	16.25	17.50
		25	25	16.26	16.22	16.14	17.50
		50	0	16.32	16.24	16.22	17.50
		1	0	16.27	16.42	16.10	17.50
	256QAM	1	25	16.38	16.18	16.24	17.50
		1	49	16.22	16.44	16.17	17.50
		25	0	16.33	16.33	16.30	17.50
		25	13	16.37	16.33	16.28	17.50
		25	25	16.27	16.32	16.14	17.50
		50	0	16.42	16.31	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	16.29	16.28	16.21	17.50
		1	38	16.34	16.26	16.24	17.50
		1	74	16.24	16.25	16.06	17.50
		36	0	16.38	16.32	16.31	17.50
		36	18	16.40	16.33	16.28	17.50
		36	39	16.23	16.22	16.22	17.50
		75	0	16.39	16.30	16.29	17.50
	16QAM	1	0	16.15	16.09	16.20	17.50
		1	38	16.32	16.26	16.14	17.50
		1	74	16.32	16.16	16.02	17.50
		36	0	16.35	16.31	16.32	17.50
		36	18	16.35	16.27	16.22	17.50
		36	39	16.26	16.25	16.18	17.50
		75	0	16.35	16.25	16.25	17.50



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	64QAM	1	0	16.06	16.15	16.19	17.50
		1	38	16.33	16.16	16.32	17.50
		1	74	16.16	16.14	16.31	17.50
		36	0	16.29	16.39	16.23	17.50
		36	18	16.34	16.30	16.24	17.50
		36	39	16.22	16.28	16.13	17.50
		75	0	16.36	16.26	16.22	17.50
	256QAM	1	0	16.26	16.40	16.18	17.50
		1	38	16.34	16.21	16.23	17.50
		1	74	16.29	16.39	16.18	17.50
		36	0	16.33	16.32	16.27	17.50
		36	18	16.38	16.35	16.26	17.50
		36	39	16.32	16.27	16.13	17.50
		75	0	16.37	16.24	16.33	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	16.33	16.29	16.25	17.50
		1	50	16.41	16.31	16.29	17.50
		1	99	16.33	16.26	16.14	17.50
		50	0	16.42	16.40	16.32	17.50
		50	25	16.46	16.36	16.33	17.50
		50	50	16.32	16.30	16.23	17.50
		100	0	16.41	16.32	16.33	17.50
	16QAM	1	0	16.17	16.17	16.26	17.50
		1	50	16.35	16.34	16.20	17.50
		1	99	16.36	16.24	16.05	17.50
		50	0	16.42	16.35	16.34	17.50
		50	25	16.42	16.31	16.29	17.50
		50	50	16.34	16.29	16.20	17.50
		100	0	16.41	16.29	16.30	17.50
	64QAM	1	0	16.11	16.24	16.25	17.50



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		1	50	16.34	16.24	16.41	17.50
		1	99	16.21	16.22	16.39	17.50
		50	0	16.37	16.43	16.30	17.50
		50	25	16.43	16.32	16.29	17.50
		50	50	16.31	16.29	16.20	17.50
		100	0	16.41	16.30	16.31	17.50
	256QAM	1	0	16.30	16.46	16.19	17.50
		1	50	16.41	16.25	16.29	17.50
		1	99	16.30	16.45	16.21	17.50
		50	0	16.42	16.40	16.36	17.50
		50	25	16.46	16.36	16.33	17.50
		50	50	16.35	16.33	16.21	17.50
		100	0	16.44	16.33	16.36	17.50



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LTE Band 41 2496 - 2690 DS12				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	14.3	14.54	14.31	14.54	14.3	15.50
		1	13	14.39	14.52	14.31	14.36	14.27	15.50
		1	24	14.33	14.46	14.37	14.44	14.39	15.50
		12	0	14.51	14.52	14.43	14.51	14.39	15.50
		12	6	14.5	14.54	14.49	14.52	14.42	15.50
		12	13	14.49	14.54	14.42	14.46	14.32	15.50
		25	0	14.47	14.5	14.46	14.47	14.45	15.50
	16QAM	1	0	14.32	14.42	14.31	14.39	14.22	15.50
		1	13	14.33	14.6	14.06	14.59	14.05	15.50
		1	24	14.41	14.46	14.39	14.45	14.37	15.50
		12	0	14.51	14.57	14.36	14.55	14.36	15.50
		12	6	14.54	14.62	14.47	14.57	14.42	15.50
		12	13	14.46	14.47	14.38	14.43	14.39	15.50
		25	0	14.53	14.49	14.5	14.44	14.44	15.50
	64QAM	1	0	14.44	14.55	14.36	14.48	14.32	15.50
		1	13	14.34	14.57	14.40	14.53	14.31	15.50
		1	24	14.16	14.60	14.32	14.54	14.26	15.50
		12	0	14.50	14.62	14.43	14.60	14.40	15.50
		12	6	14.51	14.53	14.51	14.51	14.39	15.50
		12	13	14.42	14.52	14.42	14.44	14.36	15.50
		25	0	14.47	14.56	14.49	14.49	14.37	15.50
	256QAM	1	0	14.44	14.45	14.43	14.38	14.36	15.50
		1	13	14.41	14.65	14.22	14.66	14.21	15.50
		1	24	14.43	14.53	14.37	14.42	14.31	15.50
		12	0	14.52	14.59	14.45	14.61	14.44	15.50
		12	6	14.52	14.65	14.46	14.64	14.45	15.50
		12	13	14.43	14.61	14.44	14.56	14.38	15.50
		25	0	14.45	14.57	14.48	14.45	14.39	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	14.37	14.52	14.39	14.47	14.24	15.50
		1	25	14.38	14.5	14.39	14.36	14.29	15.50
		1	49	14.33	14.51	14.41	14.44	14.33	15.50
		25	0	14.47	14.49	14.49	14.44	14.45	15.50
		25	13	14.51	14.6	14.51	14.46	14.43	15.50



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		25	25	14.51	14.53	14.39	14.5	14.33	15.50
		50	0	14.5	14.53	14.51	14.48	14.41	15.50
	16QAM	1	0	14.32	14.39	14.29	14.39	14.23	15.50
		1	25	14.39	14.61	14.06	14.61	14.01	15.50
		1	49	14.41	14.44	14.42	14.4	14.36	15.50
		25	0	14.56	14.51	14.4	14.5	14.31	15.50
		25	13	14.48	14.64	14.43	14.63	14.4	15.50
		25	25	14.47	14.47	14.4	14.51	14.4	15.50
		50	0	14.56	14.46	14.48	14.41	14.48	15.50
	64QAM	1	0	14.37	14.57	14.32	14.50	14.34	15.50
		1	25	14.32	14.54	14.36	14.51	14.30	15.50
		1	49	14.12	14.52	14.38	14.48	14.31	15.50
		25	0	14.51	14.69	14.47	14.61	14.35	15.50
		25	13	14.49	14.60	14.51	14.58	14.44	15.50
		25	25	14.42	14.53	14.39	14.46	14.38	15.50
		50	0	14.46	14.53	14.48	14.42	14.38	15.50
	256QAM	1	0	14.49	14.45	14.39	14.38	14.37	15.50
		1	25	14.35	14.69	14.22	14.65	14.20	15.50
		1	49	14.39	14.51	14.41	14.45	14.36	15.50
		25	0	14.48	14.58	14.50	14.63	14.38	15.50
		25	13	14.58	14.61	14.49	14.63	14.43	15.50
		25	25	14.44	14.59	14.44	14.50	14.37	15.50
		50	0	14.47	14.59	14.49	14.48	14.39	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	14.3	14.55	14.34	14.53	14.31	15.50
		1	38	14.37	14.52	14.33	14.39	14.3	15.50
		1	74	14.34	14.46	14.4	14.47	14.31	15.50
		36	0	14.52	14.53	14.51	14.51	14.38	15.50
		36	18	14.49	14.57	14.53	14.46	14.45	15.50
		36	39	14.5	14.52	14.43	14.52	14.36	15.50
		75	0	14.51	14.5	14.46	14.42	14.37	15.50
	16QAM	1	0	14.33	14.39	14.28	14.4	14.17	15.50
		1	38	14.38	14.54	14.02	14.57	14	15.50
		1	74	14.34	14.48	14.39	14.47	14.33	15.50
		36	0	14.53	14.55	14.44	14.55	14.33	15.50
		36	18	14.55	14.62	14.48	14.56	14.42	15.50
		36	39	14.41	14.45	14.39	14.45	14.4	15.50
		75	0	14.53	14.5	14.42	14.41	14.43	15.50



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		1	0	14.37	14.58	14.34	14.50	14.33	15.50
		1	38	14.32	14.53	14.42	14.53	14.32	15.50
		1	74	14.17	14.60	14.30	14.51	14.25	15.50
	64QAM	36	0	14.52	14.68	14.45	14.61	14.36	15.50
		36	18	14.50	14.53	14.49	14.55	14.40	15.50
		36	39	14.40	14.56	14.46	14.52	14.38	15.50
		75	0	14.48	14.55	14.50	14.44	14.44	15.50
		1	0	14.49	14.42	14.38	14.44	14.31	15.50
		1	38	14.37	14.64	14.28	14.61	14.25	15.50
		1	74	14.42	14.47	14.42	14.48	14.38	15.50
	256QAM	36	0	14.46	14.63	14.47	14.55	14.36	15.50
		36	18	14.57	14.67	14.43	14.58	14.39	15.50
		36	39	14.43	14.55	14.41	14.58	14.35	15.50
		75	0	14.49	14.57	14.51	14.50	14.39	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	14.38	14.58	14.4	14.56	14.32	15.50
		1	50	14.46	14.54	14.4	14.45	14.35	15.50
		1	99	14.35	14.53	14.43	14.51	14.4	15.50
		50	0	14.53	14.56	14.52	14.53	14.46	15.50
		50	25	14.53	14.61	14.57	14.53	14.48	15.50
		50	50	14.52	14.6	14.46	14.54	14.38	15.50
		100	0	14.56	14.58	14.54	14.51	14.46	15.50
	16QAM	1	0	14.38	14.45	14.35	14.41	14.26	15.50
		1	50	14.41	14.63	14.09	14.62	14.07	15.50
		1	99	14.42	14.53	14.45	14.48	14.41	15.50
		50	0	14.58	14.58	14.45	14.56	14.37	15.50
		50	25	14.57	14.69	14.52	14.65	14.44	15.50
		50	50	14.49	14.53	14.46	14.52	14.44	15.50
		100	0	14.57	14.55	14.51	14.48	14.5	15.50
	64QAM	1	0	14.45	14.60	14.40	14.51	14.37	15.50
		1	50	14.35	14.59	14.45	14.58	14.37	15.50
		1	99	14.18	14.61	14.39	14.57	14.32	15.50
		50	0	14.55	14.70	14.50	14.68	14.42	15.50
		50	25	14.53	14.61	14.52	14.59	14.46	15.50
		50	50	14.47	14.59	14.47	14.53	14.40	15.50
		100	0	14.52	14.60	14.54	14.51	14.46	15.50
	256QAM	1	0	14.53	14.51	14.44	14.45	14.40	15.50
		1	50	14.43	14.71	14.31	14.69	14.27	15.50



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		1	99	14.44	14.55	14.45	14.50	14.40	15.50
		50	0	14.54	14.66	14.52	14.64	14.45	15.50
		50	25	14.60	14.68	14.52	14.66	14.47	15.50
		50	50	14.52	14.62	14.45	14.59	14.41	15.50
		100	0	14.54	14.62	14.52	14.53	14.45	15.50



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LTE Band 41 2496 - 2690 DS13				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	13.29	13.54	13.43	13.53	13.37	14.50
		1	13	13.42	13.49	13.4	13.45	13.28	14.50
		1	24	13.32	13.47	13.41	13.41	13.37	14.50
		12	0	13.48	13.57	13.45	13.49	13.44	14.50
		12	6	13.56	13.54	13.47	13.57	13.42	14.50
		12	13	13.48	13.54	13.43	13.56	13.39	14.50
		25	0	13.56	13.51	13.5	13.42	13.45	14.50
	16QAM	1	0	13.32	13.59	13.34	13.54	13.35	14.50
		1	13	13.4	13.67	13.36	13.62	13.35	14.50
		1	24	13.21	13.52	13.28	13.4	13.23	14.50
		12	0	13.45	13.65	13.55	13.58	13.45	14.50
		12	6	13.52	13.56	13.47	13.48	13.42	14.50
		12	13	13.42	13.45	13.43	13.42	13.35	14.50
		25	0	13.54	13.54	13.5	13.52	13.47	14.50
	64QAM	1	0	13.35	13.66	13.32	13.59	13.23	14.50
		1	13	13.54	13.65	13.59	13.54	13.56	14.50
		1	24	13.20	13.57	13.38	13.52	13.35	14.50
		12	0	13.50	13.71	13.42	13.59	13.33	14.50
		12	6	13.53	13.59	13.52	13.59	13.49	14.50
		12	13	13.43	13.60	13.36	13.56	13.42	14.50
		25	0	13.57	13.61	13.51	13.47	13.42	14.50
	256QAM	1	0	13.35	13.64	13.40	13.66	13.35	14.50
		1	13	13.39	13.53	13.39	13.44	13.39	14.50
		1	24	13.35	13.51	13.38	13.44	13.40	14.50
		12	0	13.56	13.67	13.50	13.59	13.43	14.50
		12	6	13.54	13.62	13.53	13.52	13.43	14.50
		12	13	13.42	13.57	13.48	13.55	13.38	14.50
		25	0	13.51	13.61	13.48	13.53	13.45	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	13.26	13.57	13.35	13.61	13.4	14.50
		1	25	13.44	13.48	13.44	13.44	13.3	14.50
		1	49	13.36	13.46	13.43	13.41	13.34	14.50
		25	0	13.52	13.62	13.5	13.51	13.43	14.50
		25	13	13.52	13.58	13.43	13.53	13.38	14.50



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		25	25	13.45	13.52	13.41	13.54	13.42	14.50
		50	0	13.51	13.46	13.45	13.38	13.44	14.50
	16QAM	1	0	13.36	13.56	13.35	13.52	13.36	14.50
		1	25	13.4	13.7	13.37	13.58	13.3	14.50
		1	49	13.17	13.46	13.26	13.45	13.24	14.50
		25	0	13.46	13.65	13.51	13.59	13.52	14.50
		25	13	13.48	13.58	13.52	13.52	13.5	14.50
		25	25	13.36	13.51	13.44	13.4	13.36	14.50
		50	0	13.48	13.51	13.53	13.57	13.44	14.50
		1	0	13.35	13.69	13.27	13.56	13.28	14.50
	64QAM	1	25	13.58	13.57	13.61	13.53	13.48	14.50
		1	49	13.23	13.54	13.42	13.51	13.37	14.50
		25	0	13.56	13.65	13.39	13.60	13.35	14.50
		25	13	13.58	13.60	13.52	13.58	13.51	14.50
		25	25	13.41	13.54	13.35	13.53	13.34	14.50
		50	0	13.57	13.57	13.51	13.52	13.39	14.50
		1	0	13.38	13.65	13.43	13.66	13.35	14.50
		1	25	13.38	13.52	13.42	13.40	13.31	14.50
	256QAM	1	49	13.38	13.48	13.44	13.44	13.39	14.50
		25	0	13.51	13.62	13.53	13.58	13.41	14.50
		25	13	13.53	13.55	13.51	13.52	13.41	14.50
		25	25	13.46	13.57	13.42	13.49	13.43	14.50
		50	0	13.48	13.60	13.53	13.55	13.47	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	13.29	13.59	13.36	13.55	13.37	14.50
		1	38	13.43	13.5	13.4	13.42	13.31	14.50
		1	74	13.31	13.48	13.4	13.46	13.35	14.50
		36	0	13.45	13.61	13.49	13.54	13.43	14.50
		36	18	13.54	13.57	13.51	13.56	13.38	14.50
		36	39	13.46	13.52	13.43	13.49	13.39	14.50
		75	0	13.56	13.45	13.48	13.38	13.4	14.50
	16QAM	1	0	13.31	13.58	13.33	13.53	13.33	14.50
		1	38	13.4	13.63	13.36	13.63	13.34	14.50
		1	74	13.22	13.46	13.32	13.47	13.25	14.50
		36	0	13.44	13.65	13.51	13.57	13.49	14.50
		36	18	13.46	13.55	13.48	13.48	13.44	14.50
		36	39	13.42	13.46	13.41	13.41	13.42	14.50
		75	0	13.47	13.57	13.47	13.52	13.42	14.50



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	64QAM	1	0	13.32	13.68	13.33	13.56	13.25	14.50
		1	38	13.61	13.61	13.61	13.52	13.50	14.50
		1	74	13.26	13.53	13.42	13.48	13.34	14.50
		36	0	13.54	13.69	13.43	13.62	13.37	14.50
		36	18	13.58	13.66	13.49	13.58	13.52	14.50
		36	39	13.42	13.53	13.39	13.57	13.39	14.50
		75	0	13.55	13.56	13.50	13.47	13.43	14.50
	256QAM	1	0	13.38	13.66	13.47	13.58	13.37	14.50
		1	38	13.40	13.49	13.40	13.47	13.39	14.50
		1	74	13.37	13.43	13.37	13.48	13.37	14.50
		36	0	13.54	13.63	13.50	13.60	13.41	14.50
		36	18	13.56	13.62	13.47	13.50	13.48	14.50
		36	39	13.45	13.54	13.43	13.52	13.42	14.50
		75	0	13.48	13.57	13.48	13.56	13.49	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	13.33	13.63	13.44	13.62	13.43	14.50
		1	50	13.47	13.56	13.46	13.48	13.37	14.50
		1	99	13.4	13.54	13.47	13.47	13.39	14.50
		50	0	13.54	13.64	13.52	13.57	13.46	14.50
		50	25	13.57	13.62	13.52	13.59	13.44	14.50
		50	50	13.51	13.6	13.47	13.58	13.45	14.50
		100	0	13.57	13.52	13.54	13.43	13.49	14.50
	16QAM	1	0	13.39	13.61	13.4	13.56	13.38	14.50
		1	50	13.43	13.71	13.43	13.67	13.39	14.50
		1	99	13.25	13.54	13.34	13.48	13.26	14.50
		50	0	13.53	13.69	13.56	13.62	13.53	14.50
		50	25	13.55	13.61	13.53	13.54	13.51	14.50
		50	50	13.45	13.53	13.46	13.46	13.44	14.50
		100	0	13.56	13.6	13.56	13.59	13.51	14.50
	64QAM	1	0	13.36	13.70	13.34	13.62	13.29	14.50
		1	50	13.63	13.66	13.66	13.59	13.57	14.50
		1	99	13.27	13.59	13.47	13.57	13.42	14.50
		50	0	13.59	13.73	13.48	13.65	13.40	14.50
		50	25	13.59	13.67	13.57	13.63	13.53	14.50
		50	50	13.49	13.62	13.44	13.61	13.43	14.50
		100	0	13.59	13.64	13.52	13.55	13.44	14.50
	256QAM	1	0	13.43	13.73	13.48	13.67	13.44	14.50
		1	50	13.42	13.56	13.46	13.49	13.40	14.50



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		1	99	13.44	13.52	13.45	13.50	13.44	14.50
		50	0	13.58	13.68	13.56	13.64	13.50	14.50
		50	25	13.61	13.63	13.56	13.56	13.50	14.50
		50	50	13.48	13.62	13.49	13.56	13.45	14.50
		100	0	13.55	13.64	13.54	13.60	13.50	14.50



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LTE Band 41 2496 - 2690 DS14/5				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	20.58	20.76	20.62	20.48	20.46	21.50
		1	13	20.54	20.77	20.58	20.46	20.57	21.50
		1	24	20.62	20.72	20.62	20.59	20.63	21.50
		12	0	20.7	20.83	20.63	20.66	20.66	21.50
		12	6	20.73	20.74	20.62	20.58	20.61	21.50
		12	13	20.65	20.76	20.56	20.55	20.55	21.50
		25	0	20.78	20.73	20.66	20.67	20.65	21.50
	16QAM	1	0	20.43	20.57	20.43	20.42	20.49	21.50
		1	13	20.42	20.57	20.37	20.4	20.34	21.50
		1	24	20.26	20.56	20.38	20.34	20.29	21.50
		12	0	20.74	20.83	20.65	20.65	20.67	21.50
		12	6	20.68	20.74	20.66	20.7	20.66	21.50
		12	13	20.43	20.75	20.47	20.49	20.49	21.50
		25	0	20.75	20.81	20.65	20.63	20.53	21.50
	64QAM	1	0	20.52	20.46	20.31	20.28	20.28	21.50
		1	13	20.64	20.53	20.42	20.35	20.41	21.50
		1	24	20.47	20.41	20.60	20.50	20.49	21.50
		12	0	20.69	20.85	20.40	20.34	20.36	21.50
		12	6	20.44	20.57	20.49	20.45	20.47	21.50
		12	13	20.54	20.55	20.31	20.30	20.25	21.50
		25	0	20.54	20.70	20.36	20.29	20.27	21.50
	256QAM	1	0	19.20	19.14	19.07	18.99	19.05	20.00
		1	13	18.98	19.12	18.97	18.89	18.82	20.00
		1	24	18.90	19.24	18.96	18.98	18.86	20.00
		12	0	19.18	19.28	19.06	19.03	19.08	20.00
		12	6	19.12	19.19	19.05	19.08	19.02	20.00
		12	13	19.11	19.15	18.92	18.87	18.87	20.00
		25	0	19.02	19.20	19.13	19.11	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.64	20.72	20.57	20.55	20.47	21.50
		1	25	20.52	20.77	20.56	20.46	20.52	21.50
		1	49	20.57	20.71	20.6	20.58	20.64	21.50
		25	0	20.66	20.83	20.64	20.61	20.63	21.50
		25	13	20.74	20.75	20.68	20.58	20.57	21.50



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		25	25	20.67	20.75	20.54	20.56	20.55	21.50
		50	0	20.75	20.81	20.63	20.64	20.64	21.50
	16QAM	1	0	20.39	20.55	20.48	20.41	20.43	21.50
		1	25	20.41	20.62	20.4	20.36	20.29	21.50
		1	49	20.29	20.56	20.4	20.32	20.29	21.50
		25	0	20.66	20.83	20.68	20.65	20.69	21.50
		25	13	20.73	20.81	20.68	20.67	20.66	21.50
		25	25	20.45	20.77	20.55	20.49	20.48	21.50
		50	0	20.69	20.74	20.62	20.62	20.61	21.50
	64QAM	1	0	20.47	20.51	20.29	20.26	20.30	21.50
		1	25	20.68	20.50	20.44	20.35	20.40	21.50
		1	49	20.42	20.48	20.60	20.50	20.46	21.50
		25	0	20.67	20.86	20.41	20.39	20.37	21.50
		25	13	20.49	20.58	20.49	20.46	20.42	21.50
		25	25	20.58	20.59	20.34	20.31	20.33	21.50
		50	0	20.59	20.72	20.40	20.29	20.33	21.50
	256QAM	1	0	19.19	19.12	19.07	18.92	19.01	20.00
		1	25	19.02	19.07	18.93	18.91	18.84	20.00
		1	49	18.89	19.27	18.97	18.98	18.86	20.00
		25	0	19.19	19.25	19.05	19.04	19.04	20.00
		25	13	19.05	19.19	19.05	19.01	19.00	20.00
		25	25	19.12	19.15	18.91	18.93	18.87	20.00
		50	0	19.05	19.13	19.08	19.10	19.12	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.65	20.72	20.57	20.55	20.49	21.50
		1	38	20.47	20.75	20.55	20.53	20.54	21.50
		1	74	20.57	20.74	20.66	20.56	20.57	21.50
		36	0	20.72	20.87	20.63	20.61	20.69	21.50
		36	18	20.67	20.72	20.66	20.58	20.6	21.50
		36	39	20.61	20.8	20.58	20.57	20.56	21.50
		75	0	20.76	20.73	20.63	20.67	20.69	21.50
	16QAM	1	0	20.37	20.49	20.5	20.42	20.44	21.50
		1	38	20.37	20.65	20.38	20.34	20.37	21.50
		1	74	20.27	20.57	20.36	20.31	20.28	21.50
		36	0	20.68	20.82	20.7	20.66	20.68	21.50
		36	18	20.7	20.79	20.67	20.69	20.65	21.50
		36	39	20.43	20.8	20.51	20.51	20.45	21.50
		75	0	20.69	20.73	20.69	20.6	20.54	21.50



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	64QAM	1	0	20.50	20.47	20.29	20.28	20.27	21.50
		1	38	20.67	20.50	20.42	20.42	20.39	21.50
		1	74	20.40	20.41	20.60	20.44	20.46	21.50
		36	0	20.69	20.89	20.39	20.37	20.34	21.50
		36	18	20.51	20.60	20.47	20.44	20.45	21.50
		36	39	20.54	20.62	20.39	20.38	20.30	21.50
		75	0	20.57	20.74	20.40	20.35	20.33	21.50
	256QAM	1	0	19.25	19.14	19.08	18.99	19.03	20.00
		1	38	19.04	19.12	18.90	18.88	18.83	20.00
		1	74	18.96	19.28	18.97	18.94	18.91	20.00
		36	0	19.18	19.25	19.03	19.05	19.07	20.00
		36	18	19.08	19.21	19.06	19.06	19.03	20.00
		36	39	19.07	19.19	18.93	18.89	18.93	20.00
		75	0	19.04	19.15	19.09	19.07	19.07	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.66	20.81	20.63	20.57	20.55	21.50
		1	50	20.56	20.78	20.62	20.55	20.6	21.50
		1	99	20.63	20.78	20.67	20.65	20.66	21.50
		50	0	20.74	20.89	20.72	20.68	20.7	21.50
		50	25	20.76	20.8	20.7	20.66	20.64	21.50
		50	50	20.7	20.81	20.63	20.58	20.61	21.50
		100	0	20.8	20.82	20.71	20.7	20.7	21.50
	16QAM	1	0	20.46	20.58	20.52	20.45	20.5	21.50
		1	50	20.44	20.66	20.46	20.43	20.38	21.50
		1	99	20.31	20.59	20.42	20.38	20.37	21.50
		50	0	20.75	20.89	20.74	20.67	20.71	21.50
		50	25	20.77	20.82	20.74	20.71	20.68	21.50
		50	50	20.51	20.84	20.56	20.55	20.5	21.50
		100	0	20.76	20.82	20.7	20.67	20.62	21.50
	64QAM	1	0	20.54	20.55	20.36	20.31	20.31	21.50
		1	50	20.69	20.55	20.48	20.44	20.47	21.50
		1	99	20.48	20.50	20.61	20.52	20.54	21.50
		50	0	20.71	20.90	20.47	20.40	20.38	21.50
		50	25	20.53	20.65	20.53	20.49	20.49	21.50
		50	50	20.59	20.64	20.40	20.39	20.34	21.50
		100	0	20.63	20.75	20.42	20.36	20.35	21.50
	256QAM	1	0	19.26	19.18	19.09	19.01	19.08	20.00
		1	50	19.07	19.16	18.99	18.94	18.91	20.00



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		1	99	18.98	19.31	19.02	19.01	18.94	20.00
		50	0	19.21	19.30	19.11	19.07	19.09	20.00
		50	25	19.13	19.28	19.13	19.09	19.07	20.00
		50	50	19.14	19.23	18.98	18.95	18.95	20.00
		100	0	19.10	19.22	19.16	19.12	19.14	20.00



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LTE Band 41 2496 - 2690 DS18/9/10				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	15.88	16.04	15.88	15.99	15.82	17.00
		1	13	15.92	16.05	15.9	16	15.82	17.00
		1	24	15.87	15.98	15.82	15.94	15.77	17.00
		12	0	16.04	16.16	15.85	16.06	15.8	17.00
		12	6	16.05	16.07	15.88	16.02	15.83	17.00
		12	13	15.9	16.01	15.9	16.03	15.79	17.00
		25	0	15.98	16.04	15.97	16.03	15.9	17.00
	16QAM	1	0	15.84	15.95	15.79	15.93	15.74	17.00
		1	13	15.8	16.04	15.96	15.93	15.95	17.00
		1	24	15.87	15.91	15.96	15.9	15.96	17.00
		12	0	15.99	16.13	15.96	16.12	15.88	17.00
		12	6	16.01	16.12	15.95	16.08	15.9	17.00
		12	13	15.96	16.06	15.88	16.05	15.83	17.00
		25	0	15.94	16.1	15.99	15.96	15.93	17.00
	64QAM	1	0	15.90	16.14	15.86	16.05	15.75	17.00
		1	13	15.98	16.06	15.86	15.99	15.79	17.00
		1	24	15.99	16.19	15.77	16.15	15.77	17.00
		12	0	15.97	16.16	15.94	16.10	15.88	17.00
		12	6	15.99	16.02	15.99	16.02	15.96	17.00
		12	13	15.95	16.03	15.92	16.01	15.84	17.00
		25	0	15.95	16.07	15.91	16.06	15.95	17.00
	256QAM	1	0	15.97	16.18	15.92	16.08	15.90	17.00
		1	13	15.90	16.06	15.86	15.97	15.83	17.00
		1	24	15.86	16.08	15.91	15.98	15.81	17.00
		12	0	16.09	16.16	15.94	16.03	15.96	17.00
		12	6	16.10	16.05	16.05	16.02	16.00	17.00
		12	13	16.02	16.09	16.01	16.01	15.92	17.00
		25	0	16.07	16.12	16.04	16.08	15.95	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	15.87	16.06	15.88	15.93	15.8	17.00
		1	25	15.9	16.03	15.83	15.95	15.81	17.00
		1	49	15.85	16.02	15.8	15.94	15.71	17.00
		25	0	15.99	16.13	15.84	16.11	15.87	17.00
		25	13	16.02	16.05	15.89	16.07	15.9	17.00



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		25	25	15.87	16.04	15.87	16.01	15.8	17.00
		50	0	15.97	16.12	15.97	16.02	15.9	17.00
	16QAM	1	0	15.91	15.99	15.77	15.88	15.76	17.00
		1	25	15.76	16.04	16.02	15.95	15.91	17.00
		1	49	15.8	15.93	16.01	15.95	15.96	17.00
		25	0	16.02	16.12	15.98	16.14	15.88	17.00
		25	13	16.04	16.07	15.99	16.07	15.91	17.00
		25	25	15.92	16.01	15.89	15.98	15.85	17.00
		50	0	16.01	16.1	16	16.03	15.87	17.00
	64QAM	1	0	15.84	16.13	15.86	15.99	15.73	17.00
		1	25	15.98	16.08	15.82	15.93	15.83	17.00
		1	49	15.96	16.18	15.78	16.09	15.71	17.00
		25	0	15.97	16.15	15.89	16.12	15.84	17.00
		25	13	16.05	16.05	15.99	15.96	15.99	17.00
		25	25	15.90	16.07	15.86	16.01	15.85	17.00
		50	0	15.95	16.03	15.98	16.06	15.95	17.00
	256QAM	1	0	15.97	16.18	15.91	16.14	15.92	17.00
		1	25	15.84	16.08	15.88	16.02	15.78	17.00
		1	49	15.94	16.05	15.88	16.00	15.79	17.00
		25	0	16.08	16.17	16.00	16.03	15.96	17.00
		25	13	16.07	16.11	16.06	16.00	15.97	17.00
		25	25	15.99	16.10	16.01	15.97	15.92	17.00
		50	0	16.04	16.04	16.03	16.06	15.98	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	15.93	16.01	15.83	15.91	15.78	17.00
		1	38	15.88	16	15.84	15.93	15.75	17.00
		1	74	15.87	16.03	15.82	15.88	15.72	17.00
		36	0	16.04	16.18	15.9	16.09	15.8	17.00
		36	18	16.05	16.08	15.95	16.1	15.84	17.00
		36	39	15.93	16	15.84	16.02	15.83	17.00
		75	0	16	16.1	15.92	16	15.92	17.00
	16QAM	1	0	15.87	15.95	15.79	15.93	15.77	17.00
		1	38	15.8	16	15.95	15.94	15.94	17.00
		1	74	15.83	15.95	15.98	15.97	16	17.00
		36	0	16.01	16.18	15.96	16.12	15.92	17.00
		36	18	16.03	16.13	16.01	16.03	15.95	17.00
		36	39	15.93	16.05	15.92	16.04	15.87	17.00
		75	0	16.02	16.04	15.94	16.04	15.9	17.00



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	64QAM	1	0	15.87	16.14	15.85	16.01	15.73	17.00
		1	38	16.01	16.01	15.80	15.99	15.79	17.00
		1	74	16.01	16.18	15.79	16.16	15.78	17.00
		36	0	16.04	16.10	15.94	16.12	15.87	17.00
		36	18	16.00	15.98	15.99	15.96	15.94	17.00
		36	39	15.95	16.03	15.91	15.99	15.84	17.00
		75	0	15.99	16.06	15.90	16.05	15.94	17.00
	256QAM	1	0	15.96	16.19	15.95	16.14	15.97	17.00
		1	38	15.85	16.01	15.89	16.01	15.79	17.00
		1	74	15.87	16.08	15.91	15.99	15.82	17.00
		36	0	16.02	16.13	15.97	16.09	15.95	17.00
		36	18	16.15	16.06	16.00	15.97	16.04	17.00
		36	39	16.03	16.06	15.97	15.95	15.88	17.00
		75	0	16.02	16.06	16.01	16.03	15.93	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	15.95	16.06	15.92	16	15.87	17.00
		1	50	15.97	16.07	15.91	16.01	15.83	17.00
		1	99	15.91	16.04	15.88	15.96	15.8	17.00
		50	0	16.05	16.2	15.91	16.13	15.88	17.00
		50	25	16.08	16.12	15.97	16.11	15.92	17.00
		50	50	15.94	16.09	15.92	16.06	15.86	17.00
		100	0	16.06	16.13	16	16.06	15.96	17.00
	16QAM	1	0	15.92	16.03	15.86	15.97	15.82	17.00
		1	50	15.84	16.05	16.04	15.99	15.99	17.00
		1	99	15.88	16	16.05	15.99	16.01	17.00
		50	0	16.08	16.2	16	16.19	15.93	17.00
		50	25	16.08	16.14	16.02	16.09	15.96	17.00
		50	50	16	16.1	15.95	16.07	15.89	17.00
		100	0	16.03	16.12	16.03	16.05	15.95	17.00
	64QAM	1	0	15.92	16.15	15.88	16.06	15.82	17.00
		1	50	16.03	16.10	15.87	16.01	15.84	17.00
		1	99	16.03	16.23	15.84	16.17	15.80	17.00
		50	0	16.06	16.19	15.98	16.18	15.92	17.00
		50	25	16.06	16.07	16.04	16.04	16.00	17.00
		50	50	15.97	16.09	15.94	16.03	15.90	17.00
		100	0	16.04	16.11	15.99	16.09	15.98	17.00
	256QAM	1	0	16.01	16.20	16.00	16.15	15.99	17.00
		1	50	15.92	16.10	15.93	16.03	15.86	17.00



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		1	99	15.95	16.09	15.96	16.03	15.88	17.00
		50	0	16.11	16.18	16.02	16.12	15.97	17.00
		50	25	16.16	16.13	16.07	16.05	16.06	17.00
		50	50	16.06	16.12	16.03	16.04	15.97	17.00
		100	0	16.10	16.13	16.06	16.09	16.00	17.00



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2 Conducted Power of Main Antenna (Ant31)

2.1 Conducted Power of GSM

GSM 850 DS12/3/4/5										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.45	32.51	32.59	33.50	-9.19	23.26	23.32	23.40	24.31
GPRS (GMSK)	1 TX Slot	32.48	32.41	32.55	33.50	-9.19	23.29	23.22	23.36	24.31
	2 TX Slots	30.35	30.44	30.52	31.50	-6.18	24.17	24.26	24.34	25.32
	3 TX Slots	28.55	28.56	28.64	29.50	-4.42	24.13	24.14	24.22	25.08
	4 TX Slots	27.10	27.12	27.15	28.00	-3.17	23.93	23.95	23.98	24.83
EGPRS (GMSK)	1 TX Slot	32.32	32.38	32.39	33.50	-9.19	23.13	23.19	23.20	24.31
	2 TX Slots	30.36	30.40	30.49	31.50	-6.18	24.18	24.22	24.31	25.32
	3 TX Slots	28.39	28.47	28.50	29.50	-4.42	23.97	24.05	24.08	25.08
	4 TX Slots	26.98	27.01	27.02	28.00	-3.17	23.81	23.84	23.85	24.83
EGPRS (8PSK)	1 TX Slot	26.07	26.08	26.10	27.50	-9.19	16.88	16.89	16.91	18.31
	2 TX Slots	24.20	24.24	24.31	25.50	-6.18	18.02	18.06	18.13	19.32
	3 TX Slots	22.24	22.27	22.34	23.50	-4.42	17.82	17.85	17.92	19.08
	4 TX Slots	20.89	20.95	21.03	22.00	-3.17	17.72	17.78	17.86	18.83

GSM 850 DS18/9/10										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.54	31.56	31.47	33.00	-9.19	22.35	22.37	22.28	23.81
GPRS (GMSK)	1 TX Slot	31.57	31.64	31.57	33.00	-9.19	22.38	22.45	22.38	23.81
	2 TX Slots	28.88	28.89	28.84	30.50	-6.18	22.70	22.71	22.66	24.32
	3 TX Slots	27.55	27.63	27.56	29.00	-4.42	23.13	23.21	23.14	24.58
	4 TX Slots	26.30	26.37	26.29	27.50	-3.17	23.13	23.20	23.12	24.33
EGPRS (GMSK)	1 TX Slot	31.51	31.55	31.49	33.00	-9.19	22.32	22.36	22.30	23.81
	2 TX Slots	28.72	28.78	28.74	30.50	-6.18	22.54	22.60	22.56	24.32
	3 TX Slots	27.65	27.66	27.60	29.00	-4.42	23.23	23.24	23.18	24.58
	4 TX Slots	26.34	26.41	26.32	27.50	-3.17	23.17	23.24	23.15	24.33
EGPRS (8PSK)	1 TX Slot	26.03	26.06	26.04	27.50	-9.19	16.84	16.87	16.85	18.31
	2 TX Slots	24.55	24.57	24.53	25.50	-6.18	18.37	18.39	18.35	19.32
	3 TX Slots	22.52	22.53	22.49	23.50	-4.42	18.10	18.11	18.07	19.08
	4 TX Slots	20.46	20.55	20.49	22.00	-3.17	17.29	17.38	17.32	18.83



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GSM 1900 DSI2/3										
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	29.61	29.62	29.55	31.00	-9.19	20.42	20.43	20.36	21.81
GPRS (GMSK)	1 TX Slot	29.59	29.67	29.64	31.00	-9.19	20.40	20.48	20.45	21.81
	2 TX Slots	27.54	27.62	27.58	29.00	-6.18	21.36	21.44	21.40	22.82
	3 TX Slots	25.33	25.40	25.32	27.00	-4.42	20.91	20.98	20.90	22.58
	4 TX Slots	23.67	23.75	23.67	25.50	-3.17	20.50	20.58	20.50	22.33
EGPRS (GMSK)	1 TX Slot	29.59	29.62	29.57	31.00	-9.19	20.40	20.43	20.38	21.81
	2 TX Slots	27.50	27.59	27.54	29.00	-6.18	21.32	21.41	21.36	22.82
	3 TX Slots	25.27	25.33	25.31	27.00	-4.42	20.85	20.91	20.89	22.58
	4 TX Slots	23.68	23.74	23.66	25.50	-3.17	20.51	20.57	20.49	22.33
EGPRS (8PSK)	1 TX Slot	25.06	25.09	25.05	26.80	-9.19	15.87	15.90	15.86	17.61
	2 TX Slots	23.47	23.52	23.50	25.00	-6.18	17.29	17.34	17.32	18.82
	3 TX Slots	21.35	21.38	21.30	23.00	-4.42	16.93	16.96	16.88	18.58
	4 TX Slots	19.60	19.61	19.55	21.50	-3.17	16.43	16.44	16.38	18.33

GSM 1900 DSI4/5										
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	28.82	28.91	28.88	30.50	-9.19	19.63	19.72	19.69	21.31
GPRS (GMSK)	1 TX Slot	28.85	28.92	28.88	30.50	-9.19	19.66	19.73	19.69	21.31
	2 TX Slots	25.99	26.05	26.04	27.50	-6.18	19.81	19.87	19.86	21.32
	3 TX Slots	23.88	23.89	23.85	25.50	-4.42	19.46	19.47	19.43	21.08
	4 TX Slots	22.43	22.52	22.45	24.00	-3.17	19.26	19.35	19.28	20.83
EGPRS (GMSK)	1 TX Slot	28.82	28.88	28.79	30.50	-9.19	19.63	19.69	19.60	21.31
	2 TX Slots	25.95	26.04	26.01	27.50	-6.18	19.77	19.86	19.83	21.32
	3 TX Slots	23.84	23.88	23.84	25.50	-4.42	19.42	19.46	19.42	21.08
	4 TX Slots	22.39	22.45	22.37	24.00	-3.17	19.22	19.28	19.20	20.83
EGPRS (8PSK)	1 TX Slot	24.91	24.94	24.93	26.80	-9.19	15.72	15.75	15.74	17.61
	2 TX Slots	23.38	23.47	23.40	25.00	-6.18	17.20	17.29	17.22	18.82
	3 TX Slots	21.44	21.46	21.39	23.00	-4.42	17.02	17.04	16.97	18.58
	4 TX Slots	19.85	19.92	19.86	21.50	-3.17	16.68	16.75	16.69	18.33



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GSM 1900 DSI8/9/10										
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	27.79	27.85	27.76	29.50	-9.19	18.60	18.66	18.57	20.31
GPRS (GMSK)	1 TX Slot	27.81	27.84	27.82	29.50	-9.19	18.62	18.65	18.63	20.31
	2 TX Slots	24.90	24.91	24.84	26.50	-6.18	18.72	18.73	18.66	20.32
	3 TX Slots	22.74	22.80	22.72	24.50	-4.42	18.32	18.38	18.30	20.08
	4 TX Slots	21.84	21.89	21.83	23.50	-3.17	18.67	18.72	18.66	20.33
EGPRS (GMSK)	1 TX Slot	27.86	27.95	27.92	29.50	-9.19	18.67	18.76	18.73	20.31
	2 TX Slots	24.92	24.95	24.88	26.50	-6.18	18.74	18.77	18.70	20.32
	3 TX Slots	22.82	22.85	22.78	24.50	-4.42	18.40	18.43	18.36	20.08
	4 TX Slots	21.88	21.92	21.91	23.50	-3.17	18.71	18.75	18.74	20.33
EGPRS (8PSK)	1 TX Slot	24.95	24.99	24.92	26.80	-9.19	15.76	15.80	15.73	17.61
	2 TX Slots	23.29	23.37	23.34	25.00	-6.18	17.11	17.19	17.16	18.82
	3 TX Slots	21.44	21.45	21.38	23.00	-4.42	17.02	17.03	16.96	18.58
	4 TX Slots	20.01	20.03	20.02	21.50	-3.17	16.84	16.86	16.85	18.33



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2.2 Conducted Power of WCDMA

WCDMA Band II DSI2/3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.93	22.96	22.94	24.00
	12.2kbps AMR	22.91	22.88	22.95	24.00
HSDPA	Subtest 1	21.97	21.69	21.97	23.00
	Subtest 2	21.83	21.69	21.96	23.00
	Subtest 3	21.47	21.16	21.47	22.50
	Subtest 4	21.29	21.17	21.50	22.50
HSUPA	Subtest 1	21.96	21.69	22.00	23.00
	Subtest 2	19.96	19.70	19.97	21.00
	Subtest 3	20.98	20.69	20.99	22.00
	Subtest 4	19.94	19.68	20.00	21.00
	Subtest 5	21.94	21.72	21.98	23.00
DC-HSDPA	Subtest 1	21.95	21.67	21.92	23.00
	Subtest 2	21.80	21.65	21.91	23.00
	Subtest 3	21.38	21.08	21.45	22.50
	Subtest 4	21.24	21.13	21.48	22.50
HSPA+	16QAM	20.88	20.72	20.92	22.00

WCDMA Band II DSI4/5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.25	20.32	20.26	21.50
	12.2kbps AMR	20.22	20.31	20.24	21.50
HSDPA	Subtest 1	19.48	19.09	19.41	20.50
	Subtest 2	19.47	18.98	19.44	20.50
	Subtest 3	18.81	18.60	18.92	20.00
	Subtest 4	18.98	18.61	18.91	20.00
HSUPA	Subtest 1	19.42	19.16	19.50	20.50
	Subtest 2	17.40	17.19	17.47	18.50
	Subtest 3	18.43	18.18	18.43	19.50
	Subtest 4	17.42	17.17	17.47	18.50
	Subtest 5	19.46	19.19	19.49	20.50
DC-HSDPA	Subtest 1	19.39	19.02	19.38	20.50
	Subtest 2	19.46	18.89	19.38	20.50
	Subtest 3	18.77	18.57	18.86	20.00
	Subtest 4	18.92	18.56	18.82	20.00



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HSPA+	16QAM	18.43	18.42	18.45	19.50
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WCDMA Band II DSI8/9/10					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.75	19.78	19.72	21.00
	12.2kbps AMR	19.74	19.75	19.66	21.00
HSDPA	Subtest 1	18.99	18.72	18.99	20.00
	Subtest 2	18.88	18.71	18.94	20.00
	Subtest 3	18.52	18.23	18.50	19.50
	Subtest 4	18.50	18.23	18.48	19.50
HSUPA	Subtest 1	19.02	18.48	18.99	20.00
	Subtest 2	16.97	16.71	16.98	18.00
	Subtest 3	17.95	17.68	17.96	19.00
	Subtest 4	16.93	16.66	16.98	18.00
	Subtest 5	18.92	18.65	18.95	20.00
DC-HSDPA	Subtest 1	18.98	18.63	18.97	20.00
	Subtest 2	18.85	18.68	18.92	20.00
	Subtest 3	18.45	18.16	18.41	19.50
	Subtest 4	18.41	18.22	18.44	19.50
HSPA+	16QAM	17.89	17.85	17.88	19.00

WCDMA Band IV DSI2/3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.28	23.33	23.19	24.50
	12.2kbps AMR	23.32	23.15	23.11	24.50
HSDPA	Subtest 1	22.45	22.33	22.23	23.50
	Subtest 2	22.47	22.33	22.22	23.50
	Subtest 3	21.97	21.85	21.75	23.00
	Subtest 4	22.00	21.77	21.73	23.00
HSUPA	Subtest 1	22.36	22.3	22.31	23.50
	Subtest 2	20.32	20.30	20.28	21.50
	Subtest 3	21.34	21.31	21.25	22.50
	Subtest 4	20.37	20.28	20.23	21.50
	Subtest 5	22.33	22.28	22.23	23.50
DC-HSDPA	Subtest 1	22.45	22.33	22.23	23.50
	Subtest 2	22.47	22.33	22.22	23.50
	Subtest 3	21.97	21.85	21.75	23.00
	Subtest 4	22.00	21.77	21.73	23.00



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HSPA+	16QAM	20.84	20.89	20.85	22.00
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WCDMA Band IV DSI4/5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.88	20.89	20.86	22.00
	12.2kbps AMR	20.85	20.83	20.87	22.00
HSDPA	Subtest 1	19.77	19.73	19.67	21.00
	Subtest 2	19.79	19.74	19.67	21.00
	Subtest 3	19.29	19.25	19.17	20.50
	Subtest 4	19.29	19.22	19.14	20.50
HSUPA	Subtest 1	19.78	19.76	19.74	21.00
	Subtest 2	17.80	17.74	17.73	19.00
	Subtest 3	18.75	18.76	18.71	20.00
	Subtest 4	17.76	17.76	17.76	19.00
	Subtest 5	19.75	19.78	19.73	21.00
DC-HSDPA	Subtest 1	19.77	19.73	19.67	21.00
	Subtest 2	19.79	19.74	19.67	21.00
	Subtest 3	19.29	19.25	19.17	20.50
	Subtest 4	19.29	19.22	19.14	20.50
HSPA+	16QAM	18.22	18.21	18.15	19.50

WCDMA Band IV DSI8/9/10					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.37	19.42	19.39	20.50
	12.2kbps AMR	19.33	19.29	19.36	20.50
HSDPA	Subtest 1	18.44	18.34	18.26	19.50
	Subtest 2	18.45	18.33	18.25	19.50
	Subtest 3	17.94	17.70	17.78	19.00
	Subtest 4	17.95	17.79	17.75	19.00
HSUPA	Subtest 1	18.34	18.3	18.26	19.50
	Subtest 2	16.33	16.26	16.28	17.50
	Subtest 3	17.34	17.29	17.24	18.50
	Subtest 4	16.33	16.33	16.27	17.50
	Subtest 5	18.35	18.28	18.27	19.50
DC-HSDPA	Subtest 1	18.35	18.31	18.20	19.50
	Subtest 2	18.41	18.31	18.19	19.50
	Subtest 3	17.87	17.64	17.71	19.00
	Subtest 4	17.93	17.78	17.67	19.00



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