

Appendix E for KSCR230900155101

Conducted Power Of GSM

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GSM 850										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	32.36	32.37	32.50	33.00	-9.03	23.33	23.34	23.47	23.97
GPRS/EGPRS (GMSK)	1 TX Slot	32.12	32.46	31.91	33.00	-9.03	23.09	23.43	22.88	23.97
	2 TX Slots	29.21	29.59	29.09	30.00	-6.02	23.19	23.57	23.07	23.98
	3 TX Slots	27.49	27.65	27.48	28.00	-4.26	23.23	23.39	23.22	23.74
	4 TX Slots	26.52	26.63	26.18	27.00	-3.01	23.51	23.62	23.17	23.99
EGPRS(8PSK)	1 TX Slot	26.13	26.87	26.34	27.00	-9.03	17.1	17.84	17.31	17.97
	2 TX Slots	23.70	23.85	23.91	24.00	-6.02	17.68	17.83	17.89	17.98
	3 TX Slots	21.76	21.82	21.70	22.00	-4.26	17.5	17.56	17.44	17.74
	4 TX Slots	20.64	20.75	20.49	21.00	-3.01	17.63	17.74	17.48	17.99
GSM 1900										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	30.20	30.25	29.98	31.00	-9.03	21.17	21.22	20.95	21.97
GPRS/EGPRS (GMSK)	1 TX Slot	29.55	29.87	29.63	31.00	-9.03	20.52	20.84	20.6	21.97
	2 TX Slots	27.59	27.84	28.47	29.00	-6.02	21.57	21.82	22.45	22.98
	3 TX Slots	26.92	27.93	27.80	28.00	-4.26	22.66	23.67	23.54	23.74
	4 TX Slots	24.55	25.38	25.37	26.00	-3.01	21.54	22.37	22.36	22.99
EGPRS(8PSK)	1 TX Slot	24.86	25.82	25.95	26.00	-9.03	15.83	16.79	16.92	16.97
	2 TX Slots	24.61	25.79	25.71	26.00	-6.02	18.59	19.77	19.69	19.98
	3 TX Slots	22.73	23.56	23.51	24.00	-4.26	18.47	19.3	19.25	19.74
	4 TX Slots	20.50	21.68	21.40	22.00	-3.01	17.49	18.67	18.39	18.99

Conducted Power Of WCDMA

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WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.55	24.62	24.60	25.00
HSDPA	Subtest 1	23.57	23.65	23.60	24.00
	Subtest 2	23.46	23.65	23.55	24.00
	Subtest 3	22.94	23.23	23.08	23.50
	Subtest 4	22.96	23.07	23.14	23.50
HSUPA	Subtest 1	23.54	23.62	23.60	24.00

	Subtest 2	21.59	21.54	21.71	22.00
	Subtest 3	22.53	22.43	22.71	23.00
	Subtest 4	21.49	21.58	21.68	22.00
	Subtest 5	23.37	23.51	23.57	24.00

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WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.58	23.64	23.52	24.00
HSDPA	Subtest 1	22.59	22.64	22.62	23.00
	Subtest 2	22.53	22.59	22.51	23.00
	Subtest 3	22.12	22.08	22.13	22.50
	Subtest 4	22.18	22.17	22.00	22.50
HSUPA	Subtest 1	22.56	22.64	22.59	23.00
	Subtest 2	20.44	20.68	20.61	21.00
	Subtest 3	21.58	21.67	21.57	22.00
	Subtest 4	20.53	20.57	20.65	21.00
	Subtest 5	22.45	22.39	22.36	23.00

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WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.92	23.96	23.87	25.00
HSDPA	Subtest 1	22.98	23.00	22.99	24.00
	Subtest 2	22.88	23.02	22.90	24.00
	Subtest 3	22.46	22.60	22.63	23.50
	Subtest 4	22.56	22.69	22.72	23.50
HSUPA	Subtest 1	22.99	22.98	23.01	24.00
	Subtest 2	21.07	20.92	21.07	22.00
	Subtest 3	21.99	21.78	21.99	23.00
	Subtest 4	20.96	20.90	21.06	22.00
	Subtest 5	22.79	22.82	22.83	24.00

Conducted Power Of LTE

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LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	24.03	24.19	23.81	24.50
		1	2	24.09	23.87	23.82	24.50
		1	5	23.56	23.88	23.81	24.50
		3	0	22.87	22.99	22.96	23.50
		3	2	23.11	23.12	23.11	23.50
		3	3	22.91	22.90	22.90	23.50
		6	0	23.04	23.11	22.75	23.50
	16QAM	1	0	23.12	23.26	23.12	23.50
		1	2	23.04	23.28	22.85	23.50
		1	5	23.24	23.23	22.83	23.50
		3	0	22.02	22.14	22.20	22.50
		3	2	21.95	21.93	22.22	22.50
		3	3	22.06	22.19	21.83	22.50
		6	0	22.12	21.93	21.92	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	24.05	24.01	23.89	24.50
		1	7	24.04	23.90	23.76	24.50
		1	14	23.79	23.95	23.65	24.50
		8	0	23.03	22.81	22.97	23.50
		8	4	23.03	23.22	23.02	23.50
		8	7	22.81	23.07	23.01	23.50
		15	0	22.95	23.13	22.94	23.50
	16QAM	1	0	23.07	23.28	23.16	23.50
		1	7	22.95	23.31	22.96	23.50
		1	14	23.20	23.43	22.81	23.50
		8	0	22.03	21.99	22.15	22.50
		8	4	21.88	21.95	22.28	22.50
		8	7	22.14	22.11	21.95	22.50
		15	0	21.93	21.97	22.10	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	24.00	23.99	23.92	24.50
		1	13	24.12	23.96	23.77	24.50

		1	24	23.58	24.07	23.69	24.50
		12	0	23.14	23.01	23.07	23.50
		12	6	23.13	23.27	23.07	23.50
		12	13	22.85	23.03	22.79	23.50
		25	0	23.05	22.98	22.99	23.50
	16QAM	1	0	23.02	23.13	22.93	23.50
		1	13	23.00	23.39	23.08	23.50
		1	24	23.03	23.22	22.94	23.50
		12	0	22.13	21.96	22.16	22.50
		12	6	22.07	22.18	21.99	22.50
		12	13	22.06	22.17	21.80	22.50
		25	0	22.04	21.88	21.92	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.97	24.11	24.10	24.50
		1	25	23.90	23.98	23.73	24.50
		1	49	23.80	24.10	23.67	24.50
		25	0	22.98	22.97	23.12	23.50
		25	13	22.97	23.23	22.90	23.50
		25	25	22.85	22.85	22.85	23.50
		50	0	22.96	22.84	22.91	23.50
	16QAM	1	0	23.24	23.40	23.09	23.50
		1	25	23.15	23.21	22.90	23.50
		1	49	23.19	23.49	23.05	23.50
		25	0	22.04	21.96	22.05	22.50
		25	13	21.93	21.98	22.08	22.50
		25	25	22.13	22.39	21.77	22.50
		50	0	22.06	22.05	21.90	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.91	23.97	24.03	24.50
		1	38	23.93	23.76	23.66	24.50
		1	74	23.73	24.03	23.79	24.50
		36	0	22.88	22.94	23.07	23.50
		36	18	23.07	23.03	23.08	23.50
		36	39	22.67	22.90	22.98	23.50
		75	0	23.03	22.96	22.92	23.50
	16QAM	1	0	22.98	23.15	23.07	23.50
		1	38	22.94	23.14	22.81	23.50
		1	74	23.23	23.33	22.87	23.50
		36	0	22.20	22.10	21.99	22.50

		36	18	21.98	22.08	22.18	22.50
		36	39	22.24	22.30	21.87	22.50
		75	0	22.05	21.91	22.07	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	24.14	24.22	24.08	24.50
		1	50	24.14	23.99	23.83	24.50
		1	99	23.81	24.08	23.89	24.50
		50	0	23.13	23.27	23.12	23.50
		50	25	23.12	23.08	23.14	23.50
		50	50	22.92	23.08	23.03	23.50
		100	0	23.10	23.10	22.96	23.50
	16QAM	1	0	23.24	23.38	23.15	23.50
		1	50	23.18	23.37	23.08	23.50
		1	99	23.28	23.47	23.05	23.50
		50	0	22.29	22.14	22.21	22.50
		50	25	22.14	22.20	22.25	22.50
		50	50	22.23	22.36	21.97	22.50
		100	0	22.14	22.12	22.08	22.50

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LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.62	23.74	23.64	24.50
		1	2	23.34	23.31	23.51	24.50
		1	5	23.50	23.54	23.58	24.50
		3	0	22.79	22.86	22.62	23.50
		3	2	22.52	22.80	22.78	23.50
		3	3	22.63	22.38	22.30	23.50
		6	0	22.44	22.42	22.54	23.50
	16QAM	1	0	22.70	23.41	22.44	23.50
		1	2	22.91	23.47	22.80	23.50
		1	5	22.73	23.27	22.65	23.50
		3	0	21.72	21.64	21.68	22.50
		3	2	21.90	21.88	21.99	22.50
		3	3	21.70	21.76	21.70	22.50
		6	0	21.59	21.47	21.42	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	

3MHz	QPSK	1	0	23.77	23.74	23.70	24.50
		1	7	23.59	23.55	23.55	24.50
		1	14	23.62	23.41	23.71	24.50
		8	0	22.87	22.76	22.66	23.50
		8	4	22.50	22.66	22.56	23.50
		8	7	22.52	22.39	22.42	23.50
		15	0	22.52	22.38	22.44	23.50
	16QAM	1	0	22.72	23.26	22.52	23.50
		1	7	22.95	23.41	22.79	23.50
		1	14	22.71	23.22	22.67	23.50
		8	0	21.68	21.81	21.63	22.50
		8	4	21.75	21.95	21.72	22.50
		8	7	21.50	21.80	21.79	22.50
		15	0	21.55	21.52	21.36	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.54	23.72	23.71	24.50
		1	13	23.50	23.55	23.40	24.50
		1	24	23.35	23.36	23.64	24.50
		12	0	22.89	22.69	22.65	23.50
		12	6	22.70	22.76	22.61	23.50
		12	13	22.47	22.52	22.47	23.50
		25	0	22.64	22.52	22.49	23.50
	16QAM	1	0	22.60	23.29	22.64	23.50
		1	13	22.85	23.25	22.61	23.50
		1	24	22.69	23.23	22.58	23.50
		12	0	21.71	21.89	21.49	22.50
		12	6	21.88	22.01	21.96	22.50
		12	13	21.70	21.62	21.74	22.50
		25	0	21.52	21.54	21.46	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.68	23.73	23.67	24.50
		1	25	23.48	23.31	23.55	24.50
		1	49	23.50	23.48	23.48	24.50
		25	0	22.73	22.81	22.65	23.50
		25	13	22.61	22.87	22.82	23.50
		25	25	22.74	22.64	22.42	23.50
		50	0	22.47	22.53	22.50	23.50
	16QAM	1	0	22.60	23.15	22.49	23.50
		1	25	23.00	23.26	22.65	23.50

		1	49	22.58	23.34	22.44	23.50
		25	0	21.70	21.91	21.71	22.50
		25	13	21.79	21.82	21.75	22.50
		25	25	21.74	21.70	21.68	22.50
		50	0	21.66	21.50	21.44	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.63	23.74	23.56	24.50
		1	38	23.37	23.33	23.32	24.50
		1	74	23.49	23.58	23.62	24.50
		36	0	22.70	22.83	22.64	23.50
		36	18	22.53	22.82	22.76	23.50
		36	39	22.52	22.53	22.28	23.50
		75	0	22.55	22.59	22.60	23.50
	16QAM	1	0	22.64	23.21	22.58	23.50
		1	38	22.97	23.41	22.66	23.50
		1	74	22.60	23.21	22.65	23.50
		36	0	21.58	21.85	21.63	22.50
		36	18	21.84	21.82	21.91	22.50
		36	39	21.63	21.82	21.69	22.50
		75	0	21.69	21.60	21.58	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.81	23.84	23.80	24.50
		1	50	23.63	23.58	23.60	24.50
		1	99	23.65	23.62	23.74	24.50
		50	0	22.93	22.94	22.83	23.50
		50	25	22.79	22.88	22.84	23.50
		50	50	22.78	22.68	22.58	23.50
		100	0	22.69	22.69	22.63	23.50
	16QAM	1	0	22.83	23.43	22.73	23.50
		1	50	23.14	23.32	22.85	23.50
		1	99	22.89	23.42	22.70	23.50
		50	0	21.85	21.95	21.78	22.50
		50	25	21.95	22.03	22.01	22.50
		50	50	21.78	21.94	21.86	22.50
		100	0	21.79	21.78	21.64	22.50

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LTE Band 2	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.77	24.00	23.77	24.50
		1	2	23.65	23.77	23.46	24.50
		1	5	23.35	23.76	23.43	24.50
		3	0	22.68	22.78	22.82	23.50
		3	2	22.77	22.87	22.80	23.50
		3	3	22.62	22.69	22.63	23.50
		6	0	22.78	22.72	22.52	23.50
	16QAM	1	0	23.04	23.06	22.88	23.50
		1	2	22.95	23.04	22.69	23.50
		1	5	22.86	23.11	22.75	23.50
		3	0	21.79	21.90	21.84	22.50
		3	2	21.83	21.75	21.87	22.50
		3	3	21.98	21.87	21.58	22.50
		6	0	21.69	21.65	21.64	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.92	23.75	23.61	24.50
		1	7	23.85	23.61	23.41	24.50
		1	14	23.33	23.78	23.49	24.50
		8	0	22.75	22.84	22.89	23.50
		8	4	22.68	23.06	22.94	23.50
		8	7	22.44	22.79	22.69	23.50
		15	0	22.68	22.89	22.56	23.50
	16QAM	1	0	22.95	23.09	22.72	23.50
		1	7	22.76	22.92	22.70	23.50
		1	14	22.79	23.11	22.56	23.50
		8	0	21.92	21.70	21.96	22.50
		8	4	21.76	21.94	21.84	22.50
		8	7	21.93	21.93	21.71	22.50
		15	0	21.94	21.83	21.70	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.70	23.95	23.71	24.50
		1	13	23.71	23.68	23.51	24.50
		1	24	23.47	23.70	23.41	24.50
		12	0	22.75	22.59	22.78	23.50
		12	6	22.66	22.86	22.72	23.50
		12	13	22.46	22.62	22.78	23.50
		25	0	22.72	22.79	22.55	23.50

		1	0	22.85	23.03	22.82	23.50
		1	13	22.86	22.96	22.65	23.50
		1	24	22.80	23.06	22.56	23.50
	16QAM	12	0	21.80	21.89	21.76	22.50
		12	6	21.85	21.85	21.83	22.50
		12	13	21.79	22.00	21.52	22.50
		25	0	21.83	21.70	21.70	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.93	23.82	23.75	24.50
		1	25	23.84	23.61	23.40	24.50
		1	49	23.34	23.61	23.47	24.50
		25	0	22.83	22.74	22.88	23.50
		25	13	22.67	23.07	22.69	23.50
		25	25	22.66	22.80	22.67	23.50
		50	0	22.64	22.74	22.63	23.50
	16QAM	1	0	22.75	23.17	22.76	23.50
		1	25	22.72	22.92	22.64	23.50
		1	49	23.03	23.03	22.67	23.50
		25	0	22.07	21.90	21.88	22.50
		25	13	21.68	21.90	22.02	22.50
		25	25	22.00	21.96	21.63	22.50
		50	0	21.80	21.89	21.78	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.85	23.80	23.70	24.50
		1	38	23.83	23.67	23.59	24.50
		1	74	23.31	23.64	23.64	24.50
		36	0	22.92	22.84	22.76	23.50
		36	18	22.65	22.79	22.65	23.50
		36	39	22.55	22.68	22.55	23.50
		75	0	22.62	22.75	22.57	23.50
	16QAM	1	0	22.85	23.09	22.70	23.50
		1	38	22.70	22.99	22.61	23.50
		1	74	22.93	23.24	22.66	23.50
		36	0	21.89	21.79	21.78	22.50
		36	18	21.88	21.90	21.82	22.50
		36	39	21.97	22.12	21.61	22.50
		75	0	21.83	21.72	21.82	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	

20MHz	QPSK	1	0	23.85	24.13	23.78	24.50
		1	50	23.79	23.62	23.62	24.50
		1	99	23.39	23.81	23.43	24.50
		50	0	22.83	22.92	22.82	23.50
		50	25	22.76	22.65	22.79	23.50
		50	50	22.49	22.68	22.71	23.50
		100	0	22.63	22.89	22.48	23.50
	16QAM	1	0	22.88	23.07	22.76	23.50
		1	50	22.87	22.98	22.76	23.50
		1	99	23.05	23.16	22.73	23.50
		50	0	21.89	21.72	21.98	22.50
		50	25	21.78	21.71	21.90	22.50
		50	50	21.86	21.92	21.71	22.50
		100	0	21.93	21.67	21.70	22.50

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LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.24	23.34	23.29	24.00
		1	2	23.30	23.31	23.16	24.00
		1	5	22.99	23.19	23.19	24.00
		3	0	22.13	22.22	22.33	23.00
		3	2	22.22	22.43	22.28	23.00
		3	3	22.10	22.56	22.28	23.00
		6	0	22.58	22.52	22.28	23.00
	16QAM	1	0	22.47	22.80	22.66	23.00
		1	2	22.45	22.62	22.37	23.00
		1	5	22.65	22.80	22.87	23.00
		3	0	21.32	21.25	21.16	22.00
		3	2	21.25	21.44	21.15	22.00
		3	3	21.26	21.42	21.16	22.00
		6	0	21.34	21.13	21.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.06	23.19	23.16	24.00
		1	7	23.12	23.29	23.03	24.00
		1	14	23.18	23.15	23.25	24.00
		8	0	22.16	22.44	22.33	23.00

		8	4	22.34	22.60	22.09	23.00
		8	7	22.13	22.31	22.39	23.00
		15	0	22.60	22.41	22.21	23.00
	16QAM	1	0	22.42	22.84	22.70	23.00
		1	7	22.67	22.65	22.50	23.00
		1	14	22.56	22.54	22.65	23.00
		8	0	21.05	21.23	20.99	22.00
		8	4	21.24	21.30	21.39	22.00
		8	7	21.32	21.38	21.36	22.00
		15	0	21.38	21.20	21.25	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.29	23.36	23.16	24.00
		1	13	23.27	23.34	23.19	24.00
		1	24	23.20	23.05	23.04	24.00
		12	0	22.30	22.21	22.37	23.00
		12	6	22.17	22.47	22.18	23.00
		12	13	22.14	22.49	22.25	23.00
		25	0	22.49	22.54	22.40	23.00
	16QAM	1	0	22.66	22.68	22.71	23.00
		1	13	22.48	22.75	22.42	23.00
		1	24	22.68	22.62	22.62	23.00
		12	0	21.22	21.39	21.05	22.00
		12	6	21.22	21.35	21.36	22.00
		12	13	21.39	21.62	21.18	22.00
		25	0	21.35	21.39	21.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.18	23.21	23.20	24.00
		1	25	23.14	23.18	23.15	24.00
		1	49	23.13	23.02	23.06	24.00
		25	0	22.17	22.43	22.27	23.00
		25	13	22.38	22.51	22.13	23.00
		25	25	22.17	22.47	22.50	23.00
		50	0	22.55	22.37	22.43	23.00
	16QAM	1	0	22.58	22.86	22.68	23.00
		1	25	22.42	22.71	22.46	23.00
		1	49	22.48	22.63	22.84	23.00
		25	0	21.18	21.36	21.11	22.00
		25	13	21.39	21.34	21.16	22.00
		25	25	21.37	21.56	21.34	22.00

		50	0	21.59	21.29	21.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.03	23.39	23.35	24.00
		1	38	23.29	23.18	23.09	24.00
		1	74	23.11	23.19	23.05	24.00
		36	0	22.26	22.21	22.11	23.00
		36	18	22.24	22.54	22.28	23.00
		36	39	22.14	22.56	22.53	23.00
		75	0	22.51	22.41	22.24	23.00
	16QAM	1	0	22.48	22.60	22.55	23.00
		1	38	22.63	22.70	22.33	23.00
		1	74	22.66	22.63	22.84	23.00
		36	0	21.10	21.39	21.03	22.00
		36	18	21.38	21.35	21.27	22.00
		36	39	21.36	21.49	21.32	22.00
		75	0	21.63	21.22	21.28	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.38	23.46	23.41	24.00
		1	50	23.37	23.43	23.30	24.00
		1	99	23.26	23.34	23.38	24.00
		50	0	22.41	22.65	22.43	23.00
		50	25	22.47	22.53	22.43	23.00
		50	50	22.44	22.63	22.58	23.00
		100	0	22.69	22.62	22.51	23.00
	16QAM	1	0	22.75	22.91	22.82	23.00
		1	50	22.73	22.88	22.68	23.00
		1	99	22.74	22.85	22.96	23.00
		50	0	21.40	21.57	21.34	22.00
		50	25	21.52	21.65	21.48	22.00
		50	50	21.58	21.72	21.49	22.00
		100	0	21.68	21.46	21.43	22.00

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LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.56	23.60	23.35	24.00
		1	2	23.48	23.53	23.45	24.00

		1	5	23.41	23.42	23.50	24.00
		3	0	22.46	22.61	22.63	23.00
		3	2	22.72	22.69	22.72	23.00
		3	3	22.58	22.54	22.57	23.00
		6	0	22.68	22.63	22.61	23.00
	16QAM	1	0	22.54	22.72	22.75	23.00
		1	2	22.54	22.56	22.67	23.00
		1	5	22.54	22.55	22.55	23.00
		3	0	21.60	21.71	21.63	22.00
		3	2	21.76	21.59	21.79	22.00
		3	3	21.59	21.62	21.65	22.00
		6	0	21.74	21.65	21.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.56	23.67	23.35	24.00
		1	7	23.41	23.58	23.58	24.00
		1	14	23.54	23.46	23.58	24.00
		8	0	22.56	22.66	22.64	23.00
		8	4	22.72	22.59	22.71	23.00
		8	7	22.52	22.57	22.66	23.00
		15	0	22.65	22.71	22.69	23.00
	16QAM	1	0	22.50	22.64	22.67	23.00
		1	7	22.43	22.54	22.71	23.00
		1	14	22.53	22.51	22.71	23.00
		8	0	21.64	21.64	21.67	22.00
		8	4	21.80	21.53	21.61	22.00
		8	7	21.55	21.63	21.54	22.00
		15	0	21.58	21.68	21.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.52	23.62	23.37	24.00
		1	13	23.59	23.45	23.43	24.00
		1	24	23.44	23.56	23.49	24.00
		12	0	22.57	22.67	22.58	23.00
		12	6	22.70	22.68	22.68	23.00
		12	13	22.60	22.56	22.58	23.00
		25	0	22.58	22.65	22.59	23.00
	16QAM	1	0	22.52	22.69	22.85	23.00
		1	13	22.54	22.55	22.81	23.00
		1	24	22.61	22.68	22.71	23.00
		12	0	21.58	21.63	21.57	22.00

		12	6	21.80	21.60	21.66	22.00
		12	13	21.60	21.77	21.57	22.00
		25	0	21.76	21.73	21.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.67	23.77	23.58	24.00
		1	25	23.64	23.63	23.68	24.00
		1	49	23.61	23.64	23.65	24.00
		25	0	22.71	22.81	22.72	23.00
		25	13	22.76	22.80	22.78	23.00
		25	25	22.76	22.77	22.76	23.00
		50	0	22.80	22.77	22.82	23.00
	16QAM	1	0	22.66	22.85	22.91	23.00
		1	25	22.61	22.78	22.88	23.00
		1	49	22.68	22.74	22.80	23.00
		25	0	21.76	21.83	21.79	22.00
		25	13	21.87	21.76	21.85	22.00
		25	25	21.78	21.84	21.76	22.00
		50	0	21.83	21.79	21.74	22.00

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LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.13	24.21	24.01	24.50
		1	13	24.03	24.01	24.06	24.50
		1	24	24.04	23.95	23.98	24.50
		12	0	23.17	23.32	23.13	23.50
		12	6	23.26	23.30	23.07	23.50
		12	13	23.21	23.30	23.12	23.50
		25	0	23.34	23.02	23.13	23.50
	16QAM	1	0	23.72	23.68	23.34	24.00
		1	13	23.75	23.75	23.32	24.00
		1	24	23.16	23.20	23.12	23.50
		12	0	22.26	22.26	22.07	22.50
		12	6	22.22	22.35	22.10	22.50
		12	13	22.21	22.19	22.10	22.50
		25	0	22.17	22.17	22.09	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	

10MHz	QPSK	1	0	24.03	24.20	24.07	24.50
		1	25	24.08	24.02	23.99	24.50
		1	49	24.13	23.96	24.06	24.50
		25	0	23.09	23.22	23.02	23.50
		25	13	23.19	23.30	23.20	23.50
		25	25	23.08	23.17	23.08	23.50
		50	0	23.26	23.08	23.01	23.50
	16QAM	1	0	23.76	23.68	23.46	24.00
		1	25	23.61	23.67	23.15	24.00
		1	49	23.16	23.31	23.16	23.50
		25	0	22.31	22.08	22.13	22.50
		25	13	22.16	22.26	22.13	22.50
		25	25	22.13	22.11	22.11	22.50
		50	0	22.32	22.13	22.05	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	24.11	24.11	24.00	24.50
		1	38	24.13	24.03	24.01	24.50
		1	74	24.05	23.92	24.09	24.50
		36	0	23.11	23.29	23.04	23.50
		36	18	23.15	23.17	23.06	23.50
		36	39	23.18	23.16	22.95	23.50
		75	0	23.27	23.19	23.02	23.50
	16QAM	1	0	23.79	23.65	23.40	24.00
		1	38	23.57	23.70	23.24	24.00
		1	74	23.11	23.23	23.23	23.50
		36	0	22.18	22.10	21.98	22.50
		36	18	22.15	22.32	22.25	22.50
		36	39	22.23	22.11	22.21	22.50
		75	0	22.26	22.04	22.18	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	24.28	24.33	24.21	24.50
		1	50	24.28	24.18	24.19	24.50
		1	99	24.29	24.18	24.22	24.50
		50	0	23.29	23.44	23.25	23.50
		50	25	23.38	23.42	23.36	23.50
		50	50	23.36	23.34	23.22	23.50
		100	0	23.33	23.46	23.26	23.50
	16QAM	1	0	23.96	23.84	23.62	24.00
		1	50	23.86	23.92	23.42	24.00

		1	99	23.38	23.41	23.34	23.50
		50	0	22.41	22.37	22.27	22.50
		50	25	22.36	22.47	22.37	22.50
		50	50	22.38	22.33	22.37	22.50
		100	0	22.43	22.27	22.33	22.50

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LTE FDD Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.57	23.66	23.76	24.50
		1	2	23.50	23.55	23.80	24.50
		1	5	23.62	23.63	23.67	24.50
		3	0	22.60	22.77	22.85	23.50
		3	2	22.91	22.87	22.74	23.50
		3	3	22.77	22.95	22.76	23.50
		6	0	22.75	22.63	22.71	23.50
	16QAM	1	0	22.51	23.12	22.84	24.00
		1	2	22.54	23.28	22.85	24.00
		1	5	22.53	23.20	22.79	23.50
		3	0	21.97	21.73	21.68	22.50
		3	2	21.78	21.99	22.01	22.50
		3	3	21.75	21.76	21.85	22.50
		6	0	21.67	21.87	21.79	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.64	23.87	23.71	24.50
		1	7	23.75	23.66	23.68	24.50
		1	14	23.56	23.73	23.68	24.50
		8	0	22.78	22.82	22.66	23.50
		8	4	22.72	22.74	22.84	23.50
		8	7	22.57	22.82	22.79	23.50
		15	0	22.69	22.67	22.88	23.50
	16QAM	1	0	22.62	23.23	22.74	24.00
		1	7	22.70	23.26	22.83	24.00
		1	14	22.65	23.15	22.81	23.50
		8	0	21.97	21.73	21.79	22.50
		8	4	21.81	21.88	21.96	22.50
		8	7	21.87	21.92	21.82	22.50
		15	0	21.90	21.89	21.66	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.56	23.87	23.66	24.50
		1	13	23.52	23.58	23.59	24.50
		1	24	23.49	23.71	23.61	24.50
		12	0	22.66	22.89	22.64	23.50
		12	6	22.89	22.95	22.93	23.50
		12	13	22.69	22.81	22.73	23.50
		25	0	22.60	22.69	22.78	23.50
	16QAM	1	0	22.75	23.27	22.92	24.00
		1	13	22.74	23.12	22.75	24.00
		1	24	22.63	22.99	22.73	23.50
		12	0	21.83	21.78	21.77	22.50
		12	6	21.86	21.80	21.81	22.50
		12	13	21.72	21.95	21.78	22.50
		25	0	21.77	21.74	21.66	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.90	24.00	23.96	24.50
		1	25	23.82	23.75	23.90	24.50
		1	49	23.79	23.94	23.90	24.50
		25	0	22.94	23.16	22.97	23.50
		25	13	22.97	23.02	23.04	23.50
		25	25	22.88	23.00	22.93	23.50
		50	0	22.93	22.96	22.94	23.50
	16QAM	1	0	22.85	23.35	23.06	24.00
		1	25	22.80	23.37	23.09	24.00
		1	49	22.77	23.32	22.93	23.50
		25	0	22.08	22.01	21.93	22.50
		25	13	22.03	22.10	22.09	22.50
		25	25	21.99	22.02	21.96	22.50
		50	0	21.97	21.98	21.91	22.50

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LTE FDD Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.75	23.66	23.76	24.50
		1	13	23.90	23.77	23.92	24.50

		1	24	23.68	23.76	23.81	24.50
		12	0	22.87	22.80	22.95	23.50
		12	6	22.79	22.77	22.88	23.50
		12	13	22.81	22.88	22.87	23.50
		25	0	22.93	22.84	22.69	23.50
	16QAM	1	0	23.10	23.06	23.35	24.00
		1	13	23.03	23.06	23.41	24.00
		1	24	23.13	22.90	23.39	23.50
		12	0	22.10	21.82	21.88	22.50
		12	6	22.01	21.84	21.84	22.50
		12	13	22.02	21.76	21.93	22.50
		25	0	21.95	21.76	21.88	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				NA	23230	NA	
10MHz	QPSK	1	0	/	23.96	/	24.50
		1	25	/	23.79	/	24.50
		1	49	/	23.73	/	24.50
		25	0	/	22.98	/	23.50
		25	13	/	22.89	/	23.50
		25	25	/	22.71	/	23.50
		50	0	/	22.88	/	23.50
	16QAM	1	0	/	22.72	/	24.00
		1	25	/	22.88	/	24.00
		1	49	/	22.58	/	23.50
		25	0	/	21.80	/	22.50
		25	13	/	22.00	/	22.50
		25	25	/	21.76	/	22.50
		50	0	/	21.98	/	22.50

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LTE FDD Band 14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	23.95	23.86	23.80	24.50
		1	13	23.80	23.88	23.71	24.50
		1	24	23.85	23.60	23.62	24.50
		12	0	22.77	22.79	22.82	23.50
		12	6	22.79	22.71	22.78	23.50
		12	13	22.70	22.74	22.73	23.50
		25	0	22.98	22.69	22.64	23.50

	16QAM	1	0	22.94	23.07	23.35	24.00
		1	13	23.02	22.93	23.29	24.00
		1	24	22.88	22.81	23.34	23.50
		12	0	21.88	21.68	22.02	22.50
		12	6	21.98	21.99	21.87	22.50
		12	13	21.79	21.80	21.89	22.50
		25	0	21.79	21.85	21.73	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				NA	23330	NA	
10MHz	QPSK	1	0	/	23.97	/	24.50
		1	25	/	23.81	/	24.50
		1	49	/	23.85	/	24.50
		25	0	/	23.06	/	23.50
		25	13	/	22.96	/	23.50
		25	25	/	22.88	/	23.50
		50	0	/	23.04	/	23.50
	16QAM	1	0	/	22.95	/	24.00
		1	25	/	22.94	/	24.00
		1	49	/	22.85	/	23.50
		25	0	/	21.89	/	22.50
		25	13	/	21.87	/	22.50
		25	25	/	21.87	/	22.50
		50	0	/	21.84	/	22.50

Ant0

LTE FDD Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.61	23.68	23.48	24.50
		1	13	23.32	23.50	23.57	24.50
		1	24	23.39	23.33	23.55	24.50
		12	0	22.76	22.62	22.53	23.50
		12	6	22.66	22.63	22.62	23.50
		12	13	22.69	22.73	22.57	23.50
		25	0	22.75	22.38	22.66	23.50
	16QAM	1	0	22.39	22.84	22.39	24.00
		1	13	22.59	22.91	22.64	24.00
		1	24	22.47	22.94	22.62	23.50
		12	0	21.85	21.68	21.88	22.50
		12	6	21.82	21.68	21.69	22.50

		12	13	21.71	21.65	21.71	22.50
		25	0	21.55	21.64	21.59	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.68	23.79	23.57	24.50
		1	25	23.50	23.60	23.66	24.50
		1	49	23.55	23.50	23.62	24.50
		25	0	22.82	22.85	22.73	23.50
		25	13	22.79	22.74	22.76	23.50
		25	25	22.76	22.79	22.71	23.50
		50	0	22.83	22.62	22.86	23.50
	16QAM	1	0	22.54	22.98	22.63	24.00
		1	25	22.73	23.06	22.77	24.00
		1	49	22.55	23.16	22.77	23.50
		25	0	21.92	21.73	21.94	22.50
		25	13	21.93	21.91	21.89	22.50
		25	25	21.81	21.75	21.79	22.50
		50	0	21.64	21.79	21.81	22.50

Ant0

LTE Band 25				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	24.14	24.26	24.17	24.50
		1	2	23.99	24.09	24.12	24.50
		1	5	23.95	24.19	23.72	24.50
		3	0	23.16	23.14	23.05	23.50
		3	2	23.20	23.03	23.27	23.50
		3	3	23.10	23.20	23.28	23.50
		6	0	23.22	23.24	23.01	23.50
	16QAM	1	0	23.64	23.70	23.82	24.00
		1	2	23.70	23.60	23.38	24.00
		1	5	23.41	23.07	23.09	23.50
		3	0	22.26	22.08	21.93	22.50
		3	2	22.18	22.13	22.09	22.50
		3	3	22.26	22.24	22.38	22.50
		6	0	22.11	22.22	22.03	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	24.04	24.08	24.00	24.50

		1	7	24.14	23.98	24.01	24.50
		1	14	24.06	24.09	23.83	24.50
		8	0	23.12	23.12	23.28	23.50
		8	4	23.25	23.05	23.33	23.50
		8	7	23.02	23.07	23.14	23.50
		15	0	23.18	23.02	22.99	23.50
	16QAM	1	0	23.68	23.43	23.80	24.00
		1	7	23.47	23.76	23.34	24.00
		1	14	23.16	23.31	23.28	23.50
		8	0	21.98	22.30	21.92	22.50
		8	4	22.28	22.23	22.20	22.50
		8	7	22.21	22.31	22.40	22.50
		15	0	22.17	22.08	22.25	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	24.15	24.05	24.07	24.50
		1	13	24.12	24.07	24.11	24.50
		1	24	23.85	24.18	23.91	24.50
		12	0	23.15	23.22	23.16	23.50
		12	6	23.30	23.27	23.17	23.50
		12	13	23.24	23.06	23.25	23.50
		25	0	23.07	23.16	23.05	23.50
	16QAM	1	0	23.86	23.51	23.65	24.00
		1	13	23.59	23.79	23.42	24.00
		1	24	23.29	23.14	23.20	23.50
		12	0	22.01	22.28	21.97	22.50
		12	6	22.35	22.27	22.16	22.50
		12	13	22.20	22.21	22.19	22.50
		25	0	22.30	22.29	22.29	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	24.10	24.18	24.27	24.50
		1	25	24.15	23.98	24.09	24.50
		1	49	23.99	24.01	23.72	24.50
		25	0	23.14	23.34	23.27	23.50
		25	13	23.12	23.22	23.32	23.50
		25	25	23.17	23.11	23.10	23.50
		50	0	23.04	23.05	22.96	23.50
	16QAM	1	0	23.87	23.66	23.80	24.00
		1	25	23.72	23.71	23.39	24.00
		1	49	23.38	23.12	23.18	23.50

		25	0	22.21	22.05	21.99	22.50
		25	13	22.32	22.39	22.27	22.50
		25	25	22.06	22.22	22.22	22.50
		50	0	22.22	22.19	22.11	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	24.07	24.19	24.23	24.50
		1	38	24.07	24.19	23.98	24.50
		1	74	23.92	24.23	23.91	24.50
		36	0	22.99	23.30	23.03	23.50
		36	18	23.16	23.11	23.31	23.50
		36	39	23.24	23.28	23.17	23.50
		75	0	23.16	23.12	23.09	23.50
	16QAM	1	0	23.92	23.56	23.73	24.00
		1	38	23.65	23.74	23.45	24.00
		1	74	23.20	23.08	23.16	23.50
		36	0	22.23	22.05	21.96	22.50
		36	18	22.39	22.11	22.22	22.50
		36	39	22.14	22.11	22.42	22.50
		75	0	22.02	22.33	22.12	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	24.19	24.31	24.29	24.50
		1	50	24.21	24.25	24.26	24.50
		1	99	24.11	24.23	23.99	24.50
		50	0	23.16	23.48	23.30	23.50
		50	25	23.41	23.31	23.38	23.50
		50	50	23.31	23.31	23.38	23.50
		100	0	23.26	23.31	23.21	23.50
	16QAM	1	0	23.93	23.72	23.86	24.00
		1	50	23.74	23.80	23.49	24.00
		1	99	23.44	23.34	23.36	23.50
		50	0	22.27	22.32	22.14	22.50
		50	25	22.40	22.40	22.28	22.50
		50	50	22.30	22.39	22.47	22.50
		100	0	22.32	22.35	22.33	22.50

Ant0

LTE FDD Band 30				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB	Channel	Channel	Channel	Tune up

			offset	27685	27710	27735	
5MHz	QPSK	1	0	20.06	20.21	20.00	20.50
		1	13	19.89	20.12	19.86	20.50
		1	24	19.82	19.95	19.96	20.50
		12	0	18.77	18.86	18.74	19.50
		12	6	18.98	19.14	19.00	19.50
		12	13	19.06	19.13	18.92	19.50
		25	0	18.75	18.95	18.79	19.50
	16QAM	1	0	19.26	19.28	19.21	20.00
		1	13	19.38	19.39	19.45	20.00
		1	24	19.26	19.35	19.23	19.50
		12	0	18.11	18.14	18.06	18.50
		12	6	18.02	18.06	18.02	18.50
		12	13	17.87	18.07	17.96	18.50
		25	0	17.98	18.11	17.99	18.50
Bandwidth	Modulation	RB size	RB offset	Channel NA	Channel 27710	Channel NA	Tune up
10MHz	QPSK	1	0	/	20.29	/	20.50
		1	25	/	20.18	/	20.50
		1	49	/	20.14	/	20.50
		25	0	/	19.28	/	19.50
		25	13	/	19.16	/	19.50
		25	25	/	19.22	/	19.50
		50	0	/	19.04	/	19.50
	16QAM	1	0	/	19.52	/	20.00
		1	25	/	19.63	/	20.00
		1	49	/	19.49	/	19.50
		25	0	/	18.28	/	18.50
		25	13	/	18.18	/	18.50
		25	25	/	18.19	/	18.50
		50	0	/	18.28	/	18.50

Ant1

LTE FDD Band 30				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 27685	Channel 27710	Channel 27735	Tune up
5MHz	QPSK	1	0	19.86	20.03	19.79	20.50
		1	13	19.54	19.83	19.64	20.50
		1	24	19.55	19.77	19.64	20.50
		12	0	18.43	18.54	18.42	19.50

		12	6	18.80	18.85	18.79	19.50
		12	13	18.74	18.89	18.76	19.50
		25	0	18.60	18.79	18.51	19.50
	16QAM	1	0	19.01	18.97	18.96	20.00
		1	13	19.15	19.21	19.24	20.00
		1	24	18.92	19.15	19.07	19.50
		12	0	17.92	17.98	17.87	18.50
		12	6	17.83	17.75	17.80	18.50
		12	13	17.59	17.76	17.69	18.50
		25	0	17.71	17.82	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				NA	27710	NA	
10MHz	QPSK	1	0	/	20.13	/	20.50
		1	25	/	20.01	/	20.50
		1	49	/	19.95	/	20.50
		25	0	/	19.38	/	19.50
		25	13	/	19.13	/	19.50
		25	25	/	18.87	/	19.50
		50	0	/	18.87	/	19.50
	16QAM	1	0	/	19.32	/	20.00
		1	25	/	19.21	/	20.00
		1	49	/	19.24	/	19.50
		25	0	/	18.03	/	18.50
		25	13	/	17.95	/	18.50
		25	25	/	18.00	/	18.50
		50	0	/	18.04	/	18.50

Ant4

LTE FDD Band 30				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	19.86	20.03	19.84	20.50
		1	13	19.72	19.87	19.54	20.50
		1	24	19.61	19.71	19.62	20.50
		12	0	18.54	18.66	18.50	19.50
		12	6	18.76	18.87	18.74	19.50
		12	13	18.72	18.86	18.67	19.50
		25	0	18.42	18.69	18.64	19.50
	16QAM	1	0	19.06	18.99	19.05	20.00
		1	13	19.06	19.13	19.22	20.00

		1	24	19.10	19.10	18.99	19.50
		12	0	17.86	17.93	17.78	18.50
		12	6	17.76	17.88	17.77	18.50
		12	13	17.63	17.91	17.74	18.50
		25	0	17.83	17.96	17.76	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				NA	27710	NA	
10MHz	QPSK	1	0	/	20.12	/	20.50
		1	25	/	20.02	/	20.50
		1	49	/	19.83	/	20.50
		25	0	/	19.11	/	19.50
		25	13	/	18.93	/	19.50
		25	25	/	18.97	/	19.50
		50	0	/	18.70	/	19.50
	16QAM	1	0	/	19.23	/	20.00
		1	25	/	19.33	/	20.00
		1	49	/	19.30	/	19.50
		25	0	/	18.09	/	18.50
		25	13	/	18.03	/	18.50
		25	25	/	18.02	/	18.50
		50	0	/	17.99	/	18.50

Ant0

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.15	23.35	23.33	24.00
		1	2	23.34	23.19	23.23	24.00
		1	5	23.25	23.16	23.25	24.00
		3	0	22.38	22.20	22.21	23.00
		3	1	22.34	22.24	22.49	23.00
		3	3	22.26	22.44	22.19	23.00
		6	0	22.58	22.39	22.40	23.00
	16QAM	1	0	22.80	22.68	22.65	23.00
		1	2	22.88	22.80	22.81	23.00
		1	5	22.70	22.59	22.80	23.00
		3	0	21.28	21.45	21.29	22.00
		3	1	21.47	21.30	21.08	22.00
		3	3	21.31	21.36	21.51	22.00
		6	0	21.30	21.37	21.25	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.34	23.33	23.21	24.00
		1	7	23.29	23.18	23.25	24.00
		1	14	23.23	23.00	23.23	24.00
		8	0	22.50	22.31	22.45	23.00
		8	4	22.21	22.36	22.49	23.00
		8	7	22.32	22.65	22.33	23.00
		15	0	22.37	22.32	22.38	23.00
	16QAM	1	0	22.87	22.81	22.65	23.00
		1	7	22.87	22.71	22.91	23.00
		1	14	22.60	22.73	22.70	23.00
		8	0	21.13	21.38	21.21	22.00
		8	4	21.45	21.46	21.35	22.00
		8	7	21.35	21.31	21.53	22.00
		15	0	21.51	21.46	21.31	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.13	23.47	23.18	24.00
		1	13	23.26	23.42	23.30	24.00
		1	24	23.41	23.06	23.15	24.00
		12	0	22.45	22.24	22.44	23.00
		12	6	22.19	22.39	22.30	23.00
		12	13	22.10	22.56	22.12	23.00
		25	0	22.58	22.28	22.23	23.00
	16QAM	1	0	22.77	22.85	22.68	23.00
		1	13	22.93	22.85	22.82	23.00
		1	24	22.71	22.59	22.77	23.00
		12	0	21.29	21.24	21.15	22.00
		12	6	21.51	21.22	21.06	22.00
		12	13	21.33	21.41	21.46	22.00
		25	0	21.45	21.32	21.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.13	23.37	23.33	24.00
		1	25	23.20	23.31	23.25	24.00
		1	49	23.22	23.19	23.13	24.00
		25	0	22.27	22.24	22.32	23.00
		25	13	22.21	22.20	22.32	23.00
		25	25	22.11	22.49	22.22	23.00
		50	0	22.33	22.26	22.32	23.00

		1	0	22.73	22.64	22.66	23.00
		1	25	22.78	22.68	22.93	23.00
		1	49	22.58	22.49	22.72	23.00
	16QAM	25	0	21.37	21.45	21.35	22.00
		25	13	21.65	21.36	21.13	22.00
		25	25	21.30	21.49	21.49	22.00
		50	0	21.46	21.33	21.15	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.34	23.39	23.16	24.00
		1	38	23.42	23.43	23.24	24.00
		1	74	23.46	23.04	23.20	24.00
		36	0	22.24	22.14	22.36	23.00
		36	18	22.29	22.22	22.29	23.00
		36	39	22.21	22.42	22.32	23.00
		75	0	22.53	22.48	22.47	23.00
	16QAM	1	0	22.85	22.78	22.61	23.00
		1	38	22.88	22.89	22.67	23.00
		1	74	22.69	22.50	22.76	23.00
		36	0	21.18	21.42	21.39	22.00
		36	18	21.59	21.43	21.25	22.00
		36	39	21.49	21.33	21.59	22.00
		75	0	21.51	21.45	21.29	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.44	23.55	23.50	24.00
		1	50	23.54	23.51	23.45	24.00
		1	99	23.52	23.32	23.46	24.00
		50	0	22.57	22.73	22.50	23.00
		50	25	22.42	22.55	22.55	23.00
		50	50	22.40	22.45	22.46	23.00
		100	0	22.67	22.54	22.57	23.00
	16QAM	1	0	22.95	22.91	22.91	23.00
		1	50	22.99	22.95	22.99	23.00
		1	99	22.92	22.84	22.94	23.00
		50	0	21.47	21.51	21.48	22.00
		50	25	21.70	21.52	21.40	22.00
		50	50	21.65	21.64	21.68	22.00
		100	0	21.64	21.66	21.50	22.00

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.11	23.34	23.32	24.00
		1	2	23.19	23.13	23.21	24.00
		1	5	23.08	23.13	23.12	24.00
		3	0	22.18	21.99	22.30	23.00
		3	1	22.08	22.29	22.36	23.00
		3	3	21.99	22.30	22.28	23.00
		6	0	22.26	22.35	22.20	23.00
	16QAM	1	0	22.60	22.47	22.46	23.00
		1	2	22.83	22.55	22.75	23.00
		1	5	22.67	22.63	22.50	23.00
		3	0	21.21	21.31	21.26	22.00
		3	1	21.26	21.22	21.03	22.00
		3	3	21.38	21.28	21.31	22.00
		6	0	21.43	21.24	21.23	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.13	23.33	23.20	24.00
		1	7	23.17	23.08	23.05	24.00
		1	14	23.35	23.00	23.30	24.00
		8	0	22.18	21.99	22.11	23.00
		8	4	22.16	22.35	22.19	23.00
		8	7	22.24	22.38	22.15	23.00
		15	0	22.51	22.09	22.25	23.00
	16QAM	1	0	22.61	22.52	22.53	23.00
		1	7	22.62	22.76	22.68	23.00
		1	14	22.60	22.65	22.70	23.00
		8	0	21.28	21.31	21.04	22.00
		8	4	21.53	21.20	21.11	22.00
		8	7	21.31	21.33	21.28	22.00
		15	0	21.22	21.27	21.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.05	23.14	23.06	24.00
		1	13	23.38	23.23	23.07	24.00
		1	24	23.33	22.90	23.25	24.00
		12	0	22.41	22.24	22.13	23.00
		12	6	22.07	22.31	22.18	23.00

		12	13	22.22	22.42	22.21	23.00
		25	0	22.34	22.33	22.31	23.00
	16QAM	1	0	22.69	22.49	22.52	23.00
		1	13	22.70	22.74	22.83	23.00
		1	24	22.75	22.60	22.77	23.00
		12	0	21.25	21.09	21.05	22.00
		12	6	21.54	21.24	20.97	22.00
		12	13	21.32	21.29	21.43	22.00
		25	0	21.38	21.36	21.24	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.17	23.37	23.25	24.00
		1	25	23.10	23.21	23.18	24.00
		1	49	23.29	22.88	23.30	24.00
		25	0	22.18	22.09	22.30	23.00
		25	13	22.13	22.30	22.28	23.00
		25	25	22.13	22.35	22.17	23.00
		50	0	22.28	22.20	22.41	23.00
	16QAM	1	0	22.66	22.72	22.58	23.00
		1	25	22.59	22.51	22.77	23.00
		1	49	22.59	22.57	22.53	23.00
		25	0	21.17	21.11	21.17	22.00
		25	13	21.39	21.37	21.05	22.00
		25	25	21.45	21.35	21.31	22.00
		50	0	21.33	21.25	21.11	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.25	23.38	23.09	24.00
		1	38	23.20	23.15	23.01	24.00
		1	74	23.27	22.98	23.24	24.00
		36	0	22.39	22.08	22.13	23.00
		36	18	22.25	22.27	22.17	23.00
		36	39	22.12	22.52	22.18	23.00
		75	0	22.34	22.17	22.15	23.00
	16QAM	1	0	22.70	22.73	22.54	23.00
		1	38	22.64	22.74	22.75	23.00
		1	74	22.67	22.41	22.49	23.00
		36	0	21.22	21.21	21.23	22.00
		36	18	21.36	21.22	20.96	22.00
		36	39	21.33	21.25	21.35	22.00
		75	0	21.28	21.41	21.07	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.16	23.41	23.33	24.00
		1	50	23.31	23.24	23.17	24.00
		1	99	23.21	23.25	23.36	24.00
		50	0	22.33	22.66	22.33	23.00
		50	25	22.29	22.33	22.46	23.00
		50	50	22.26	22.43	22.40	23.00
		100	0	22.54	22.39	22.32	23.00
	16QAM	1	0	22.67	22.60	22.81	23.00
		1	50	22.76	22.68	22.86	23.00
		1	99	22.69	22.71	22.80	23.00
		50	0	21.34	21.16	21.33	22.00
		50	25	21.48	21.33	21.07	22.00
		50	50	21.44	21.54	21.52	22.00
		100	0	21.42	21.51	21.37	22.00

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LTE Band 71				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				133147	133297	133447	
5MHz	QPSK	1	0	23.13	23.34	23.10	24.00
		1	13	23.13	23.00	23.04	24.00
		1	24	23.28	22.84	22.77	24.00
		12	0	22.05	22.26	22.03	23.00
		12	6	22.27	22.29	22.12	23.00
		12	13	22.11	22.24	22.18	23.00
		25	0	22.27	22.28	21.96	23.00
	16QAM	1	0	22.56	22.81	22.79	23.00
		1	13	22.67	22.85	22.54	23.00
		1	24	22.63	22.75	22.74	23.00
		12	0	21.15	21.16	21.14	22.00
		12	6	21.40	21.42	21.19	22.00
		12	13	21.18	21.22	20.97	22.00
		25	0	21.34	21.22	21.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.00	23.30	23.13	24.00
		1	25	22.97	23.17	23.09	24.00
		1	49	23.21	23.01	22.94	24.00

		25	0	21.93	22.26	22.18	23.00
		25	13	22.11	22.37	22.18	23.00
		25	25	22.19	22.24	22.32	23.00
		50	0	22.21	22.17	22.10	23.00
	16QAM	1	0	22.70	22.76	22.64	23.00
		1	25	22.75	22.78	22.52	23.00
		1	49	22.57	22.64	22.75	23.00
		25	0	21.23	21.12	21.04	22.00
		25	13	21.36	21.30	21.31	22.00
		25	25	21.26	21.09	21.12	22.00
		50	0	21.35	21.10	21.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133297	133397	
15MHz	QPSK	1	0	23.08	23.28	23.10	24.00
		1	38	22.95	22.95	22.99	24.00
		1	74	23.12	22.86	22.89	24.00
		36	0	22.10	22.17	22.22	23.00
		36	18	22.07	22.18	22.10	23.00
		36	39	22.11	22.21	22.15	23.00
		75	0	22.36	22.19	22.12	23.00
	16QAM	1	0	22.69	22.78	22.75	23.00
		1	38	22.73	22.77	22.62	23.00
		1	74	22.68	22.86	22.71	23.00
		36	0	21.15	21.15	21.13	22.00
		36	18	21.45	21.38	21.27	22.00
		36	39	21.23	21.27	21.05	22.00
		75	0	21.34	21.22	21.26	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133297	133372	
20MHz	QPSK	1	0	23.24	23.43	23.23	24.00
		1	50	23.24	23.26	23.29	24.00
		1	99	23.42	23.11	23.08	24.00
		50	0	22.22	22.49	22.33	23.00
		50	25	22.37	22.39	22.32	23.00
		50	50	22.34	22.38	22.41	23.00
		100	0	22.44	22.44	22.26	23.00
	16QAM	1	0	22.83	22.75	22.94	23.00
		1	50	22.85	22.63	22.82	23.00
		1	99	22.88	22.95	22.95	23.00
		50	0	21.43	21.37	21.32	22.00
		50	25	21.54	21.53	21.45	22.00

		50	50	21.46	21.41	21.28	22.00
		100	0	21.45	21.39	21.46	22.00

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LTE Band 38				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	
5MHz	QPSK	1	0	24.56	24.91	24.13	25.50
		1	13	24.57	24.62	24.53	25.50
		1	24	24.64	24.47	24.68	25.50
		12	0	23.55	23.58	23.71	24.50
		12	6	23.64	23.62	23.66	24.50
		12	13	23.49	23.66	23.67	24.50
		25	0	23.62	23.71	23.46	24.50
	16QAM	1	0	23.84	23.96	23.74	24.50
		1	13	23.8	24.02	23.97	24.50
		1	24	24.19	24.37	23.99	24.50
		12	0	22.52	22.41	22.65	23.50
		12	6	22.44	22.54	22.41	23.50
		12	13	22.61	22.79	22.7	23.50
		25	0	22.6	22.66	22.58	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	24.6	24.79	24.27	25.50
		1	25	24.47	24.54	24.54	25.50
		1	49	24.68	24.49	24.4	25.50
		25	0	23.36	23.68	23.57	24.50
		25	13	23.48	23.87	23.43	24.50
		25	25	23.52	23.63	23.65	24.50
		50	0	23.57	23.62	23.55	24.50
	16QAM	1	0	24.02	24.05	23.61	24.50
		1	25	23.81	23.93	23.99	24.50
		1	49	24.29	24.12	24.1	24.50
		25	0	22.43	22.5	22.61	23.50
		25	13	22.3	22.52	22.63	23.50
		25	25	22.58	22.81	22.57	23.50
		50	0	22.5	22.44	22.84	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	24.39	24.82	24.26	25.50

		1	38	24.62	24.54	24.7	25.50
		1	74	24.68	24.58	24.46	25.50
		36	0	23.4	23.57	23.55	24.50
		36	18	23.66	23.7	23.45	24.50
		36	39	23.56	23.74	23.61	24.50
		75	0	23.64	23.61	23.54	24.50
	16QAM	1	0	24.1	24.07	23.5	24.50
		1	38	23.87	23.93	23.97	24.50
		1	74	24.13	24.26	24	24.50
		36	0	22.59	22.48	22.73	23.50
		36	18	22.31	22.54	22.64	23.50
		36	39	22.59	22.93	22.64	23.50
		75	0	22.67	22.52	22.71	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	24.73	24.96	24.46	25.50
		1	50	24.75	24.85	24.81	25.50
		1	99	24.78	24.67	24.74	25.50
		50	0	23.63	23.96	23.85	24.50
		50	25	23.83	23.85	23.76	24.50
		50	50	23.82	23.81	23.81	24.50
		100	0	23.73	23.77	23.66	24.50
	16QAM	1	0	24.16	24.22	23.8	24.50
		1	50	24.11	24.26	24.05	24.50
		1	99	24.37	24.46	24.31	24.50
		50	0	22.68	22.7	22.86	23.50
		50	25	22.64	22.69	22.74	23.50
		50	50	22.86	22.75	22.91	23.50
		100	0	22.76	22.75	22.93	23.50

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LTE Band 41				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.92	24.62	24.70	24.49	24.16	25.50
		1	13	23.92	24.70	24.69	24.50	24.13	25.50
		1	24	23.77	23.81	24.21	24.14	23.96	25.00
		12	0	22.98	23.51	23.77	23.45	22.98	24.50
		12	6	23.01	23.85	23.86	23.50	23.29	24.50

	16QAM	12	13	22.93	23.54	23.95	23.87	23.15	24.50
		25	0	23.06	23.73	23.77	23.80	23.32	24.50
		1	0	23.46	23.81	24.16	24.03	23.42	24.50
		1	13	23.25	23.84	24.14	23.97	23.38	24.50
		1	24	23.38	23.18	23.19	22.94	23.51	24.50
		12	0	21.99	22.79	22.77	22.68	22.14	23.50
		12	6	21.98	22.88	22.94	22.60	22.13	23.50
		12	13	21.92	22.64	23.07	22.99	22.37	23.50
		25	0	22.16	22.69	23.04	22.62	22.25	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.90	24.60	24.82	24.38	24.03	25.50
		1	25	23.80	24.56	24.79	24.51	23.99	25.50
		1	49	23.80	23.95	24.29	24.25	24.04	25.00
		25	0	23.01	23.33	23.66	23.62	23.12	24.50
		25	13	23.23	23.66	23.97	23.43	23.28	24.50
		25	25	22.95	23.80	23.88	23.90	23.06	24.50
		50	0	23.19	23.76	23.77	23.65	23.10	24.50
	16QAM	1	0	23.19	23.78	24.17	23.87	23.58	24.50
		1	25	23.26	23.74	24.14	24.02	23.62	24.50
		1	49	23.26	22.96	23.07	22.89	23.49	24.50
		25	0	21.95	22.59	22.87	22.87	22.00	23.50
		25	13	22.07	22.78	23.06	22.61	22.14	23.50
		25	25	22.02	22.87	22.86	22.78	22.16	23.50
		50	0	21.97	22.79	23.00	22.78	22.30	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.02	24.59	24.74	24.51	24.02	25.50
		1	38	23.98	24.50	24.85	24.34	23.94	25.50
		1	74	23.77	23.89	24.16	24.06	23.99	25.00
		36	0	23.14	23.47	23.80	23.45	23.11	24.50
		36	18	23.05	23.82	23.88	23.61	23.08	24.50
		36	39	23.05	23.62	23.96	23.90	23.30	24.50
		75	0	23.15	23.67	23.84	23.82	23.34	24.50
	16QAM	1	0	23.33	23.80	24.22	23.91	23.52	24.50
		1	38	23.28	23.89	24.20	24.06	23.62	24.50
		1	74	23.47	22.91	23.30	22.86	23.46	24.50
		36	0	21.93	22.74	22.80	22.64	22.27	23.50
		36	18	22.06	22.69	22.93	22.55	22.04	23.50
		36	39	21.90	22.60	22.86	22.76	22.34	23.50
		75	0	21.98	22.76	23.00	22.73	22.13	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.12	24.87	24.99	24.71	24.22	25.50
		1	50	24.09	24.85	24.98	24.64	24.19	25.50
		1	99	24.11	24.12	24.44	24.38	24.30	25.00
		50	0	23.27	23.66	24.13	23.71	23.30	24.50
		50	25	23.29	24.01	24.07	23.75	23.41	24.50
		50	50	23.23	23.86	24.11	23.95	23.38	24.50
		100	0	23.25	23.90	24.09	23.90	23.42	24.50
	16QAM	1	0	23.52	24.09	24.34	24.19	23.67	24.50
		1	50	23.54	24.08	24.27	24.13	23.68	24.50
		1	99	23.55	23.23	23.36	23.17	23.73	24.50
		50	0	22.24	22.86	23.06	22.98	22.34	23.50
		50	25	22.23	22.96	23.14	22.79	22.37	23.50
		50	50	22.22	22.93	23.20	23.06	22.42	23.50
		100	0	22.25	22.88	23.11	22.96	22.39	23.50

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LTE Band 42				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				42115	42840	43565	
5MHz	QPSK	1	0	14.01	14.40	14.00	15.00
		1	13	13.60	13.68	13.58	15.00
		1	24	13.81	13.81	13.75	15.00
		12	0	12.80	12.94	12.65	14.00
		12	6	12.99	13.39	13.22	14.00
		12	13	13.01	12.83	12.81	14.00
		25	0	12.01	11.97	12.09	13.00
	16QAM	1	0	12.88	13.05	12.67	14.00
		1	13	12.71	12.85	12.35	14.00
		1	24	12.95	13.16	13.17	14.00
		12	0	12.38	12.22	12.04	13.00
		12	6	12.05	12.36	11.92	13.00
		12	13	11.67	11.80	11.79	13.00
		25	0	11.37	11.65	11.35	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42140	42840	43540	
10MHz	QPSK	1	0	13.99	14.37	13.82	15.00
		1	25	13.66	13.69	13.40	15.00
		1	49	13.87	13.86	13.65	15.00

		25	0	12.69	13.06	12.60	14.00
		25	13	12.99	13.37	13.11	14.00
		25	25	13.18	12.95	12.74	14.00
		50	0	12.16	11.98	11.95	13.00
	16QAM	1	0	12.79	12.98	12.57	14.00
		1	25	12.72	12.88	12.51	14.00
		1	49	12.99	13.14	12.96	14.00
		25	0	12.40	12.36	12.18	13.00
		25	13	12.07	12.21	11.76	13.00
		25	25	11.73	11.73	11.67	13.00
		50	0	11.45	11.52	11.28	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42165	42840	43515	
15MHz	QPSK	1	0	14.07	14.26	13.80	15.00
		1	38	13.54	13.72	13.38	15.00
		1	74	13.93	13.73	13.62	15.00
		36	0	12.63	12.89	12.76	14.00
		36	18	13.06	13.27	13.23	14.00
		36	39	13.04	13.03	12.67	14.00
		75	0	12.10	11.93	11.94	13.00
	16QAM	1	0	12.85	12.97	12.56	14.00
		1	38	12.66	12.68	12.49	14.00
		1	74	12.97	13.13	13.16	14.00
		36	0	12.26	12.29	12.16	13.00
		36	18	12.00	12.28	11.93	13.00
		36	39	11.75	11.84	11.68	13.00
		75	0	11.29	11.53	11.23	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				42190	42840	43490	
20MHz	QPSK	1	0	14.29	14.50	14.09	15.00
		1	50	13.81	13.81	13.67	15.00
		1	99	14.04	13.95	13.83	15.00
		50	0	12.91	13.53	12.90	14.00
		50	25	13.28	13.25	13.39	14.00
		50	50	13.26	13.13	12.95	14.00
		100	0	12.30	12.20	12.23	13.00
	16QAM	1	0	12.97	13.29	12.86	14.00
		1	50	12.86	12.98	12.65	14.00
		1	99	13.21	13.31	13.25	14.00
		50	0	12.53	12.48	12.29	13.00
		50	25	12.28	12.46	12.08	13.00

		50	50	11.89	11.99	11.98	13.00
		100	0	11.57	11.83	11.54	13.00

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LTE Band 43(3600MHz~3650MHz)				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel 43615	Channel 43840	Channel 44065	
5MHz	QPSK	1	0	11.26	11.48	11.04	12.00
		1	13	11.05	11.34	11.23	12.00
		1	24	11.24	11.25	11.29	12.00
		12	0	10.14	10.38	10.16	11.00
		12	6	10.25	10.18	10.23	11.00
		12	13	10.22	10.47	10.02	11.00
		25	0	8.19	8.21	8.02	9.00
	16QAM	1	0	11.1	11.08	10.81	12.00
		1	13	10.92	11.34	10.96	12.00
		1	24	10.98	11	10.84	12.00
		12	0	10.01	10.08	9.86	11.00
		12	6	9.88	9.9	9.8	11.00
		12	13	9.68	10.11	9.99	11.00
		25	0	7.25	7.69	7.35	8.00
Bandwidth	Modulation	RB size	RB offset	Channel 43640	Channel 43840	Channel 44040	Tune up
10MHz	QPSK	1	0	11.15	11.39	11.01	12.00
		1	25	11.12	11.32	11.14	12.00
		1	49	11.1	11.3	11.31	12.00
		25	0	10.16	10.31	10.27	11.00
		25	13	10.15	10.33	10.22	11.00
		25	25	10.13	10.43	10.24	11.00
		50	0	8.1	8.18	8.16	9.00
	16QAM	1	0	10.93	10.98	10.84	12.00
		1	25	10.85	11.19	11.11	12.00
		1	49	10.97	11.11	10.88	12.00
		25	0	9.9	9.98	9.91	11.00
		25	13	9.78	9.91	9.73	11.00
		25	25	9.72	10.12	9.94	11.00
		50	0	7.4	7.7	7.23	8.00
Bandwidth	Modulation	RB size	RB offset	Channel 43665	Channel 43840	Channel 44015	Tune up
15MHz	QPSK	1	0	11.07	11.43	11.12	12.00

		1	38	10.99	11.46	11.15	12.00
		1	74	11.27	11.21	11.11	12.00
		36	0	10.1	10.31	10.18	11.00
		36	18	10.23	10.31	10.21	11.00
		36	39	10.1	10.37	10.14	11.00
		75	0	8.08	8.27	8.12	9.00
	16QAM	1	0	10.99	10.95	10.86	12.00
		1	38	10.92	11.19	10.91	12.00
		1	74	11	10.93	10.91	12.00
		36	0	9.88	10.03	9.9	11.00
		36	18	9.7	9.82	9.73	11.00
		36	39	9.67	10.14	9.81	11.00
		75	0	7.45	7.63	7.34	8.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43690	43840	43990	
20MHz	QPSK	1	0	11.35	11.56	11.29	12.00
		1	50	11.26	11.55	11.43	12.00
		1	99	11.38	11.53	11.42	12.00
		50	0	10.33	10.65	10.36	11.00
		50	25	10.41	10.42	10.44	11.00
		50	50	10.34	10.62	10.33	11.00
		100	0	8.34	8.37	8.28	9.00
	16QAM	1	0	11.20	11.23	11.07	12.00
		1	50	11.17	11.43	11.20	12.00
		1	99	11.23	11.19	11.06	12.00
		50	0	10.10	10.30	10.02	11.00
		50	25	10.01	10.05	10.03	11.00
		50	50	9.95	10.24	10.08	11.00
		100	0	7.55	7.80	7.50	8.00

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LTE Band 43(3650MHz~3700MHz)				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				44115	44340	44565	
5MHz	QPSK	1	0	9.7	9.87	9.72	11.00
		1	13	9.36	9.72	9.58	11.00
		1	24	9.41	9.72	9.58	11.00
		12	0	9.56	9.56	9.28	10.00
		12	6	9.37	9.4	9.1	10.00
		12	13	9.33	9.5	9.23	10.00

		25	0	9.49	9.62	9.27	10.00
	16QAM	1	0	9.38	9.78	9.78	10.00
		1	13	9.33	9.58	9.37	10.00
		1	24	9.34	9.56	9.36	10.00
		12	0	9.12	9.29	9.05	10.00
		12	6	9	9.39	8.96	10.00
		12	13	9.11	9.45	9.05	10.00
		25	0	8.99	9.15	8.87	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				44140	44340	44540	
10MHz	QPSK	1	0	9.79	9.93	9.79	11.00
		1	25	9.41	9.64	9.51	11.00
		1	49	9.56	9.67	9.58	11.00
		25	0	9.62	9.76	9.46	10.00
		25	13	9.37	9.41	9.24	10.00
		25	25	9.37	9.63	9.31	10.00
		50	0	9.47	9.56	9.28	10.00
	16QAM	1	0	9.58	9.77	9.72	10.00
		1	25	9.3	9.72	9.45	10.00
		1	49	9.21	9.55	9.41	10.00
		25	0	9.11	9.28	9.21	10.00
		25	13	9.09	9.3	9.13	10.00
		25	25	9.01	9.48	9.18	10.00
		50	0	9.01	9.19	8.93	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				44165	44340	44515	
15MHz	QPSK	1	0	9.71	9.87	9.78	11.00
		1	38	9.41	9.74	9.52	11.00
		1	74	9.45	9.85	9.45	11.00
		36	0	9.54	9.65	9.45	10.00
		36	18	9.19	9.41	9.11	10.00
		36	39	9.4	9.66	9.25	10.00
		75	0	9.36	9.61	9.43	10.00
	16QAM	1	0	9.45	9.81	9.66	10.00
		1	38	9.39	9.55	9.48	10.00
		1	74	9.19	9.52	9.36	10.00
		36	0	9.08	9.26	9.07	10.00
		36	18	9.18	9.42	9.09	10.00
		36	39	9.04	9.45	9	10.00
		75	0	8.98	9.08	8.91	10.00
Bandwidth	Modulation	RB size	RB	Channel	Channel	Channel	Tune up

			offset	44190	44340	44490	
20MHz	QPSK	1	0	9.88	10.1	9.84	11.00
		1	50	9.58	9.9	9.76	11.00
		1	99	9.63	9.91	9.7	11.00
		50	0	9.69	9.82	9.54	10.00
		50	25	9.42	9.60	9.37	10.00
		50	50	9.58	9.71	9.40	10.00
		100	0	9.53	9.65	9.49	10.00
	16QAM	1	0	9.63	9.92	9.82	10.00
		1	50	9.54	9.82	9.6	10.00
		1	99	9.44	9.7	9.6	10.00
		50	0	9.28	9.52	9.28	10.00
		50	25	9.24	9.48	9.22	10.00
		50	50	9.21	9.53	9.22	10.00
		100	0	9.06	9.32	9.12	10.00

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LTE Band 48				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel 55265	Channel 55990	Channel 56715	
5MHz	QPSK	1	0	13.85	14.24	13.80	15.00
		1	13	13.29	13.62	13.27	15.00
		1	24	13.75	13.79	13.44	15.00
		12	0	13.27	12.73	12.51	14.00
		12	6	13.25	13.18	12.87	14.00
		12	13	13.08	12.90	12.62	14.00
		25	0	12.83	12.22	12.72	14.00
	16QAM	1	0	13.62	12.80	12.55	14.00
		1	13	13.31	12.75	12.45	14.00
		1	24	13.40	13.08	12.68	14.00
		12	0	12.88	12.35	12.09	13.00
		12	6	12.30	12.20	11.75	13.00
		12	13	12.78	11.90	11.48	13.00
		25	0	12.39	11.58	11.24	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 55290	Channel 55990	Channel 56690	Tune up
10MHz	QPSK	1	0	13.83	14.26	13.71	15.00
		1	25	13.41	13.69	13.39	15.00
		1	49	13.88	13.68	13.41	15.00
		25	0	13.23	12.71	12.66	14.00

		25	13	13.12	13.26	12.90	14.00
		25	25	13.11	12.91	12.69	14.00
		50	0	12.85	12.07	12.67	14.00
	16QAM	1	0	13.65	12.75	12.56	14.00
		1	25	13.41	12.76	12.52	14.00
		1	49	13.51	13.05	12.79	14.00
		25	0	12.82	12.36	12.00	13.00
		25	13	12.41	12.26	11.78	13.00
		25	25	12.78	11.90	11.55	13.00
		50	0	12.32	11.69	11.13	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	13.80	14.19	13.82	15.00
		1	38	13.31	13.56	13.41	15.00
		1	74	13.79	13.73	13.56	15.00
		36	0	13.38	12.83	12.51	14.00
		36	18	13.07	13.31	12.83	14.00
		36	39	13.11	12.79	12.57	14.00
		75	0	12.85	12.20	12.11	14.00
	16QAM	1	0	13.60	12.85	12.45	14.00
		1	38	13.52	12.71	12.38	14.00
		1	74	13.36	13.06	12.75	14.00
		36	0	12.91	12.20	11.97	13.00
		36	18	12.46	12.18	11.81	13.00
		36	39	12.72	11.89	11.63	13.00
		75	0	12.43	11.64	11.35	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	14.11	14.34	13.94	15.00
		1	50	13.55	13.78	13.50	15.00
		1	99	13.99	13.97	13.67	15.00
		50	0	12.96	13.52	12.76	14.00
		50	25	13.38	13.45	13.05	14.00
		50	50	13.30	13.09	12.84	14.00
		100	0	13.11	12.30	12.19	14.00
	16QAM	1	0	13.78	13.04	12.68	14.00
		1	50	13.61	12.88	12.62	14.00
		1	99	13.65	13.19	12.97	14.00
		50	0	12.32	12.44	12.24	13.00
		50	25	12.58	12.40	11.99	13.00
		50	50	12.41	12.05	11.75	13.00



		100	0	12.52	11.82	11.44	13.00
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Conducted Power Of FR1

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N2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.45	24.63	24.36	25.00
		1	53	24.19	24.39	24.13	25.00
		1	104	24.34	24.65	24.43	25.00
		50	0	24.25	24.41	24.15	25.00
		50	28	24.56	24.82	24.53	25.00
		50	56	24.57	24.78	24.37	25.00
		100	0	24.41	24.68	24.22	25.00
	DFT-s-OFDM QPSK	1	1	24.59	24.89	24.49	25.00
		1	53	24.40	24.57	24.26	25.00
		1	104	24.52	24.77	24.59	25.00
		50	0	24.43	24.73	24.43	25.00
		50	28	24.58	24.62	24.52	25.00
		50	56	24.49	24.61	24.35	25.00
		100	0	24.27	24.77	24.43	25.00
	DFT-s-OFDM 16QAM	1	1	23.45	23.75	23.43	24.00
	DFT-s-OFDM 64QAM	1	1	22.53	22.94	22.59	23.00
	DFT-s-OFDM 256QAM	1	1	21.08	21.36	20.93	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	23.10	23.33	22.92	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	24.35	24.67	24.32	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	24.52	24.73	24.21	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	24.43	24.66	24.15	25.00

Ant1

N2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.21	24.50	24.23	25.00
		1	53	24.03	24.17	23.81	25.00
		1	104	24.17	24.44	24.28	25.00
		50	0	24.18	24.25	23.82	25.00
		50	28	24.28	24.61	24.35	25.00
		50	56	24.33	24.56	24.18	25.00
		100	0	24.23	24.58	24.02	25.00
	DFT-s-OFDM QPSK	1	1	24.26	24.70	24.38	25.00
		1	53	24.18	24.40	24.06	25.00
		1	104	24.29	24.52	24.31	25.00
		50	0	24.09	24.64	24.25	25.00
		50	28	24.38	24.56	24.17	25.00
		50	56	24.28	24.47	24.10	25.00
		100	0	24.20	24.57	24.35	25.00
	DFT-s-OFDM 16QAM	1	1	23.23	23.49	23.10	24.00
	DFT-s-OFDM 64QAM	1	1	22.31	22.76	22.41	23.00
	DFT-s-OFDM 256QAM	1	1	20.86	21.21	20.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	21.78	22.00	21.57	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	23.93	24.65	24.32	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	

10MHz	DFT-s-OFDM QPSK	1	1	23.99	24.41	24.17	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	23.98	24.36	24.10	25.00

Ant0

N5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.79	23.81	23.56	24.00
		1	53	23.80	23.75	23.49	24.00
		1	104	23.46	23.47	23.18	24.00
		50	0	23.63	23.77	23.41	24.00
		50	28	23.68	23.73	23.48	24.00
		50	56	23.80	23.73	23.47	24.00
		100	0	23.54	23.60	23.50	24.00
	DFT-s-OFDM QPSK	1	1	23.87	23.88	23.58	24.00
		1	53	23.74	23.75	23.37	24.00
		1	104	23.42	23.46	23.19	24.00
		50	0	23.52	23.74	23.68	24.00
		50	28	23.64	23.65	23.50	24.00
		50	56	23.69	23.67	23.46	24.00
		100	0	23.69	23.71	23.62	24.00
	DFT-s-OFDM 16QAM	1	1	22.99	22.92	22.69	23.00
	DFT-s-OFDM 64QAM	1	1	21.78	21.77	21.61	22.00
	DFT-s-OFDM 256QAM	1	1	20.24	20.24	20.15	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349500	355000	
20MHz	CP-OFDM QPSK	1	1	21.48	21.34	21.04	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	

15MHz	DFT-s-OFDM QPSK	1	1	23.79	23.82	23.31	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349500	Channel 356000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.64	23.75	23.35	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349500	Channel 356500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.68	23.68	23.30	24.00

Ant0

N12				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				139800	141500	143200	
				699	707.5	716	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.71	23.85	23.76	24.00
		1	40	23.63	23.86	23.79	24.00
		1	77	23.37	23.42	23.57	24.00
		36	0	23.56	23.79	23.80	24.00
		36	22	23.54	23.59	23.54	24.00
		36	43	23.72	23.69	23.80	24.00
		75	0	23.64	23.68	23.55	24.00
	DFT-s-OFDM QPSK	1	1	23.74	23.88	23.66	24.00
		1	40	23.58	23.46	23.58	24.00
		1	77	23.54	23.42	23.32	24.00
		36	0	23.44	23.69	23.51	24.00
		36	22	23.65	23.53	23.58	24.00
		36	43	23.48	23.67	23.49	24.00
		75	0	23.67	23.62	23.53	24.00
	DFT-s-OFDM 16QAM	1	1	22.59	22.78	22.60	23.00
	DFT-s-OFDM 64QAM	1	1	21.60	21.98	21.69	22.00
	DFT-s-OFDM 256QAM	1	1	20.18	20.26	20.19	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				139800	141500	143200	

15MHz	CP-OFDM QPSK	1	1	21.27	21.24	21.03	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 139800	Channel 141500	Channel 143200	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.49	23.68	23.45	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 139800	Channel 141500	Channel 143200	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.50	23.72	23.37	24.00

Ant0

N25				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
				1860	1882.5	1905	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.70	24.78	24.22	25.00
		1	53	24.36	24.65	24.13	25.00
		1	104	24.30	24.80	24.78	25.00
		50	0	24.59	24.52	23.98	25.00
		50	28	24.61	24.82	24.60	25.00
		50	56	24.52	24.53	24.08	25.00
		100	0	24.48	24.50	24.11	25.00
	DFT-s-OFDM QPSK	1	1	24.77	24.87	24.76	25.00
		1	53	24.62	24.55	24.69	25.00
		1	104	24.14	24.84	24.41	25.00
		50	0	24.64	24.73	24.63	25.00
		50	28	24.51	24.65	24.46	25.00
		50	56	24.56	24.61	24.59	25.00
		100	0	24.64	24.81	24.60	25.00
	DFT-s-OFDM 16QAM	1	1	23.71	23.80	23.78	24.00
	DFT-s-OFDM 64QAM	1	1	22.82	22.73	22.78	23.00
	DFT-s-OFDM 256QAM	1	1	21.40	21.33	21.31	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
20MHz	CP-OFDM QPSK	1	1	22.22	22.25	22.33	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	24.52	24.55	24.67	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	24.57	24.79	24.48	25.00

Ant1

N25				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
				1860	1882.5	1905	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.40	24.48	24.17	25.00
		1	53	24.21	24.33	23.89	25.00
		1	104	24.01	24.66	24.46	25.00
		50	0	24.42	24.47	23.93	25.00
		50	28	24.40	24.61	24.46	25.00
		50	56	24.19	24.48	24.01	25.00
		100	0	24.31	24.41	23.91	25.00
	DFT-s-OFDM QPSK	1	1	24.46	24.79	24.46	25.00
		1	53	24.55	24.33	24.44	25.00
		1	104	23.97	24.54	24.24	25.00
		50	0	24.55	24.60	24.37	25.00
		50	28	24.44	24.40	24.35	25.00
		50	56	24.46	24.55	24.25	25.00
		100	0	24.40	24.58	24.31	25.00
	DFT-s-OFDM 16QAM	1	1	23.43	23.68	23.43	24.00
	DFT-s-OFDM 64QAM	1	1	22.74	22.42	22.67	23.00
	DFT-s-OFDM 256QAM	1	1	21.14	21.09	20.96	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
20MHz	CP-OFDM QPSK	1	1	22.10	22.38	21.84	22.50
Bandwidth	Modulation	RB size	RB	Channel	Channel	Channel	Tune up

			offset	371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	24.12	24.63	24.20	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	24.37	24.49	24.37	25.00

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N25				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
				1860	1882.5	1905	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.44	24.52	24.08	25.00
		1	53	24.24	24.53	24.01	25.00
		1	104	23.96	24.63	24.55	25.00
		50	0	24.41	24.33	23.71	25.00
		50	28	24.54	24.67	24.45	25.00
		50	56	24.29	24.30	23.98	25.00
		100	0	24.18	24.43	23.93	25.00
	DFT-s-OFDM QPSK	1	1	24.59	24.71	24.50	25.00
		1	53	24.50	24.42	24.60	25.00
		1	104	24.04	24.61	24.20	25.00
		50	0	24.42	24.56	24.41	25.00
		50	28	24.34	24.53	24.26	25.00
		50	56	24.45	24.53	24.34	25.00
		100	0	24.43	24.67	24.47	25.00
	DFT-s-OFDM 16QAM	1	1	23.66	23.66	23.49	24.00
	DFT-s-OFDM 64QAM	1	1	22.66	22.42	22.71	23.00
	DFT-s-OFDM 256QAM	1	1	21.22	20.99	21.02	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
20MHz	CP-OFDM QPSK	1	1	21.86	22.16	22.10	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	

15MHz	DFT-s-OFDM QPSK	1	1	24.38	24.60	24.29	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	24.14	24.50	24.39	25.00

Ant0

N30				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
				/	2310	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.74	/	17.00
		1	26	/	16.54	/	17.00
		1	50	/	16.65	/	17.00
		25	0	/	16.42	/	17.00
		25	14	/	16.69	/	17.00
		25	27	/	16.53	/	17.00
		50	0	/	16.54	/	17.00
	DFT-s-OFDM QPSK	1	1	/	17.71	/	18.00
		1	26	/	17.56	/	18.00
		1	50	/	17.47	/	18.00
		25	0	/	17.65	/	18.00
		25	14	/	17.43	/	18.00
		25	27	/	17.51	/	18.00
		50	0	/	17.32	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.64	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.58	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	17.52	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
10MHz	CP-OFDM QPSK	1	1	/	17.32	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	

5MHz	DFT-s-OFDM QPSK	1	1	17.55	17.62	17.42	18.00
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N30				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
				/	2310	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.42	/	17.00
		1	26	/	16.48	/	17.00
		1	50	/	16.44	/	17.00
		25	0	/	16.32	/	17.00
		25	14	/	16.38	/	17.00
		25	27	/	16.27	/	17.00
		50	0	/	16.25	/	17.00
	DFT-s-OFDM QPSK	1	1	/	17.57	/	18.00
		1	26	/	17.40	/	18.00
		1	50	/	17.27	/	18.00
		25	0	/	17.38	/	18.00
		25	14	/	17.20	/	18.00
		25	27	/	17.23	/	18.00
		50	0	/	17.16	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.42	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.38	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	17.35	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
10MHz	CP-OFDM QPSK	1	1	/	17.33	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	
5MHz	DFT-s-OFDM QPSK	1	1	17.25	17.48	17.11	18.00

Ant0

N66	Conducted Power(dBm)
SCS 15kHz	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
				1720	1745	1770	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.84	23.98	23.82	24.50
		1	53	23.74	23.85	23.57	24.50
		1	104	23.93	23.90	23.82	24.50
		50	0	23.59	23.84	23.64	24.50
		50	28	23.96	24.02	23.91	24.50
		50	56	23.66	23.86	23.49	24.50
		100	0	23.65	23.78	23.53	24.50
	DFT-s-OFDM QPSK	1	1	24.00	24.05	23.87	24.50
		1	53	23.79	23.85	23.58	24.50
		1	104	23.95	23.97	23.86	24.50
		50	0	23.65	23.97	23.79	24.50
		50	28	23.76	23.82	23.72	24.50
		50	56	23.85	23.80	23.52	24.50
		100	0	23.72	23.76	23.56	24.50
	DFT-s-OFDM 16QAM	1	1	23.11	22.97	22.95	23.50
	DFT-s-OFDM 64QAM	1	1	21.93	22.06	21.88	22.50
	DFT-s-OFDM 256QAM	1	1	20.65	20.49	20.24	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	CP-OFDM QPSK	1	1	21.51	21.57	21.49	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					349000		
15MHz	DFT-s-OFDM QPSK	1	1	23.66	23.83	23.77	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					349000		
5MHz	DFT-s-OFDM QPSK	1	1	23.69	23.99	23.67	24.50

Ant4

N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB	Channel	Channel	Channel	Tune up

			offset	344000	349000	354000	
				1720	1745	1770	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.66	23.64	23.70	24.50
		1	53	23.49	23.73	23.36	24.50
		1	104	23.75	23.74	23.55	24.50
		50	0	23.40	23.78	23.47	24.50
		50	28	23.80	23.81	23.60	24.50
		50	56	23.32	23.61	23.30	24.50
		100	0	23.51	23.57	23.26	24.50
	DFT-s-OFDM QPSK	1	1	23.85	23.87	23.65	24.50
		1	53	23.71	23.77	23.47	24.50
		1	104	23.66	23.79	23.58	24.50
		50	0	23.40	23.80	23.63	24.50
		50	28	23.56	23.67	23.66	24.50
		50	56	23.73	23.61	23.28	24.50
		100	0	23.40	23.66	23.29	24.50
	DFT-s-OFDM 16QAM	1	1	22.93	22.77	22.74	23.50
	DFT-s-OFDM 64QAM	1	1	21.60	21.96	21.67	22.50
	DFT-s-OFDM 256QAM	1	1	20.40	20.31	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	CP-OFDM QPSK	1	1	21.25	21.32	21.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					349000		
15MHz	DFT-s-OFDM QPSK	1	1	23.65	23.79	23.42	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					349000		
5MHz	DFT-s-OFDM QPSK	1	1	23.80	23.71	23.51	24.50

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N71				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	

				673	680.5	688	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.50	23.50	23.39	24.00
		1	53	23.23	23.36	23.20	24.00
		1	104	23.54	23.48	23.40	24.00
		50	0	23.31	23.30	23.14	24.00
		50	28	23.50	23.59	23.55	24.00
		50	56	23.18	23.25	23.18	24.00
		100	0	23.41	23.41	23.19	24.00
	DFT-s-OFDM QPSK	1	1	23.64	23.72	23.63	24.00
		1	53	23.44	23.62	23.52	24.00
		1	104	23.43	23.36	23.23	24.00
		50	0	23.37	23.59	23.51	24.00
		50	28	23.56	23.57	23.47	24.00
		50	56	23.54	23.41	23.32	24.00
		100	0	23.33	23.57	23.37	24.00
	DFT-s-OFDM 16QAM	1	1	22.60	22.83	22.63	23.00
	DFT-s-OFDM 64QAM	1	1	21.55	21.72	21.54	22.00
	DFT-s-OFDM 256QAM	1	1	20.03	20.26	20.07	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
20MHz	CP-OFDM QPSK	1	1	21.10	21.15	21.21	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s-OFDM QPSK	1	1	23.40	23.50	23.37	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133100	136100	139100	
5MHz	DFT-s-OFDM QPSK	1	1	23.51	23.49	23.43	24.00

Ant0

N38				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	

				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.38	25.19	25.24	25.50
		1	108	25.28	25.00	25.02	25.50
		1	214	25.10	25.13	24.97	25.50
		108	0	25.34	25.14	25.04	25.50
		108	54	25.12	25.26	24.99	25.50
		108	108	25.21	25.13	25.03	25.50
		216	0	25.27	24.93	25.18	25.50
	DFT-s-OFDM QPSK	1	1	25.14	25.42	25.23	25.50
		1	108	24.98	25.20	24.96	25.50
		1	214	25.07	25.07	25.33	25.50
		108	0	24.89	25.38	25.14	25.50
		108	54	25.02	25.14	25.02	25.50
		108	108	25.01	25.27	25.00	25.50
		216	0	25.04	25.18	25.02	25.50
	DFT-s-OFDM 16QAM	1	1	24.04	24.40	24.27	24.50
	DFT-s-OFDM 64QAM	1	1	23.14	23.46	23.20	23.50
	DFT-s-OFDM 256QAM	1	1	21.73	21.92	21.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	22.51	22.84	22.70	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	24.93	25.16	25.10	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	25.00	25.30	25.01	25.50

Ant0

N41				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM	1	1	25.16	25.08	25.40	25.20	24.96	25.50

	PI/2 BPSK	1	137	25.10	24.89	25.27	24.98	24.75	25.50
		1	271	24.62	24.51	24.69	24.56	24.87	25.50
		135	0	24.99	24.93	25.20	24.99	24.77	25.50
		135	69	25.21	24.67	24.87	24.49	24.70	25.50
		135	138	24.97	25.04	25.13	25.10	24.74	25.50
		270	0	25.02	24.99	25.26	25.09	24.89	25.50
	DFT-s-OFDM QPSK	1	1	25.17	25.31	25.42	25.23	25.04	25.50
		1	137	24.83	25.14	25.33	25.09	24.76	25.50
		1	271	24.86	24.54	24.76	24.40	24.65	25.50
		135	0	24.88	25.08	25.24	25.01	24.70	25.50
		135	69	24.87	24.69	24.19	24.57	24.75	25.50
		135	138	25.05	25.08	24.89	25.09	24.77	25.50
		270	0	24.86	25.19	25.38	24.98	24.72	25.50
	DFT-s-OFDM 16QAM	1	1	24.27	24.25	24.43	24.14	24.13	24.50
	DFT-s-OFDM 64QAM	1	1	23.30	23.31	23.45	23.26	23.07	23.50
	DFT-s-OFDM 256QAM	1	1	21.73	21.96	21.85	21.87	21.41	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.81	22.88	22.93	22.81	22.41	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.89	25.22	25.38	24.93	24.92	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.83	25.21	25.34	25.06	24.83	25.50

Ant1

N41				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.94	24.87	25.17	24.78	24.72	25.50
		1	137	24.74	24.66	25.04	24.75	24.50	25.50
		1	271	24.21	24.24	24.45	24.30	24.66	25.50

		135	0	24.60	24.51	24.83	24.66	24.47	25.50
		135	69	24.95	24.45	24.54	24.24	24.29	25.50
		135	138	24.72	24.81	24.77	24.84	24.48	25.50
		270	0	24.62	24.59	25.06	24.74	24.71	25.50
	DFT-s-OFDM QPSK	1	1	24.91	24.94	25.27	24.88	24.77	25.50
		1	137	24.44	24.90	24.94	24.73	24.36	25.50
		1	271	24.61	24.25	24.48	24.10	24.41	25.50
		135	0	24.81	24.78	25.00	24.73	24.54	25.50
		135	69	24.54	24.32	24.46	24.29	24.48	25.50
		135	138	24.52	24.75	23.95	24.66	24.34	25.50
		270	0	24.53	24.78	25.10	24.67	24.41	25.50
	DFT-s-OFDM 16QAM	1	1	23.96	23.83	24.12	23.74	23.82	24.50
	DFT-s-OFDM 64QAM	1	1	22.96	23.03	23.21	22.97	22.67	23.50
	DFT-s-OFDM 256QAM	1	1	21.55	21.66	21.60	21.49	21.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.37	22.53	22.71	22.43	22.34	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.78	24.68	25.07	24.67	24.53	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.63	24.85	25.08	24.62	24.64	25.50

Ant2

N41				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.91	24.84	25.01	24.74	24.52	25.50
		1	137	24.65	24.54	24.94	24.55	24.33	25.50
		1	271	24.02	24.14	24.30	24.11	24.49	25.50
		135	0	24.52	24.30	24.65	24.42	24.28	25.50
		135	69	24.85	24.42	24.39	24.06	24.03	25.50

		135	138	24.54	24.61	24.55	24.70	24.29	25.50
		270	0	24.46	24.34	25.02	24.51	24.58	25.50
	DFT-s-OFDM QPSK	1	1	24.79	24.70	25.04	24.70	24.50	25.50
		1	137	24.30	24.73	24.82	24.55	24.27	25.50
		1	271	24.41	24.00	24.44	23.87	24.20	25.50
		135	0	24.66	24.59	24.77	24.59	24.37	25.50
		135	69	24.33	24.27	24.33	24.09	24.44	25.50
		135	138	24.46	24.55	23.80	24.59	24.12	25.50
		270	0	24.37	24.60	24.93	24.40	24.20	25.50
	DFT-s-OFDM 16QAM	1	1	23.72	23.71	23.95	23.69	23.57	24.50
	DFT-s-OFDM 64QAM	1	1	22.76	22.80	23.15	22.91	22.48	23.50
	DFT-s-OFDM 256QAM	1	1	21.39	21.60	21.41	21.26	20.97	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.30	22.18	22.54	22.25	22.09	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.70	24.56	25.06	24.61	24.59	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.71	24.75	25.00	24.58	24.44	25.50

Ant3

N41				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.89	24.78	24.92	24.73	24.56	25.50
		1	137	24.82	24.56	24.92	24.64	24.42	25.50
		1	271	24.26	24.07	24.43	24.14	24.42	25.50
		135	0	24.55	24.54	24.87	24.65	24.31	25.50
		135	69	24.75	24.28	24.61	24.21	24.45	25.50
		135	138	24.61	24.61	24.60	24.66	24.26	25.50
		270	0	24.74	24.59	24.96	24.68	24.62	25.50

	DFT-s-OFDM QPSK	1	1	24.65	24.98	25.15	24.69	24.73	25.50
		1	137	24.49	24.61	24.92	24.58	24.49	25.50
		1	271	24.58	24.21	24.24	24.01	24.28	25.50
		135	0	24.57	24.69	24.72	24.65	24.24	25.50
		135	69	24.34	24.24	24.52	24.05	24.39	25.50
		135	138	24.41	24.66	23.85	24.68	24.40	25.50
		270	0	24.56	24.90	25.11	24.50	24.40	25.50
	DFT-s-OFDM 16QAM	1	1	23.73	23.94	23.98	23.61	23.59	24.50
	DFT-s-OFDM 64QAM	1	1	22.80	22.79	23.16	22.89	22.77	23.50
	DFT-s-OFDM 256QAM	1	1	21.48	21.59	21.56	21.37	20.88	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.04	22.39	22.65	22.27	22.08	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.54	24.78	25.04	24.49	24.65	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.53	24.91	24.91	24.44	24.50	25.50

Ant1

N48				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.85	17.26	16.95	17.50
		1	53	17.07	17.03	17.12	17.50
		1	104	17.09	17.23	17.04	17.50
		50	0	16.88	17.19	17.11	17.50
		50	28	16.98	17.22	16.92	17.50
		50	56	17.05	17.21	17.12	17.50
		100	0	16.97	17.19	16.98	17.50
	DFT-s-OFDM QPSK	1	1	17.12	17.29	17.15	17.50
		1	53	16.87	17.06	16.94	17.50

		1	104	16.91	17.21	17.04	17.50
		50	0	16.93	17.22	16.96	17.50
		50	28	17.03	17.06	17.02	17.50
		50	56	17.02	17.16	16.90	17.50
		100	0	16.99	17.22	16.96	17.50
	DFT-s-OFDM 16QAM	1	1	16.99	17.11	16.92	17.50
	DFT-s-OFDM 64QAM	1	1	16.90	17.21	16.94	17.50
	DFT-s-OFDM 256QAM	1	1	16.95	17.10	17.01	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 638000	Channel 641666	Channel 645332	Tune up
40MHz	CP-OFDM QPSK	1	1	16.90	17.05	16.94	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 637334	Channel 641666	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.94	17.16	17.01	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666	Channel 646332	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.92	17.22	16.96	17.50

Ant1

N77				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.83	/	26.00
		1	137	/	25.73	/	26.00
		1	271	/	25.07	/	26.00
		135	0	/	25.69	/	26.00
		135	69	/	25.80	/	26.00
		135	138	/	25.56	/	26.00
		270	0	/	25.62	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.84	/	26.00
		1	137	/	25.73	/	26.00
		1	271	/	25.76	/	26.00
		135	0	/	25.67	/	26.00

		135	69	/	24.45	/	26.00
		135	138	/	25.55	/	26.00
		270	0	/	25.56	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.82	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	23.94	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	22.42	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.46	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	25.66	25.61	25.58	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.58	25.63	25.53	26.00

Ant1

N77				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.49	25.02	24.77	26.00
		1	137	24.40	24.85	24.47	26.00
		1	271	24.39	24.91	24.71	26.00
		135	0	24.30	24.78	24.61	26.00
		135	69	24.49	25.03	24.76	26.00
		135	138	24.27	24.86	24.64	26.00
		270	0	24.19	24.80	24.67	26.00
	DFT-s-OFDM QPSK	1	1	25.00	25.48	24.51	26.00
		1	137	24.86	25.30	24.36	26.00
		1	271	24.84	25.35	24.44	26.00
		135	0	24.76	25.39	24.30	26.00
		135	69	24.64	25.04	24.69	26.00
		135	138	24.68	25.19	24.42	26.00

		270	0	24.82	25.36	24.21	26.00
	DFT-s-OFDM 16QAM	1	1	24.11	24.47	23.59	25.00
	DFT-s-OFDM 64QAM	1	1	23.04	23.40	22.50	24.00
	DFT-s-OFDM 256QAM	1	1	21.62	21.95	21.10	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	22.43	22.93	22.10	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	24.80	25.39	24.25	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	24.82	25.40	24.35	26.00

Ant2

N77				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.01	/	22.50
		1	137	/	22.09	/	22.50
		1	271	/	21.41	/	22.50
		135	0	/	21.92	/	22.50
		135	69	/	21.96	/	22.50
		135	138	/	22.05	/	22.50
		270	0	/	21.96	/	22.50
	DFT-s-OFDM QPSK	1	1	/	22.17	/	22.50
		1	137	/	22.01	/	22.50
		1	271	/	21.90	/	22.50
		135	0	/	22.16	/	22.50
		135	69	/	20.89	/	22.50
		135	138	/	21.72	/	22.50
		270	0	/	21.82	/	22.50

	DFT-s-OFDM 16QAM	1	1	/	22.06	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	21.70	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	20.76	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.78	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.03	22.04	21.85	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.98	22.07	22.12	22.50

Ant2

N77				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.68	21.30	21.01	22.50
		1	137	20.71	21.03	20.83	22.50
		1	271	20.67	21.07	21.07	22.50
		135	0	20.85	21.09	20.83	22.50
		135	69	20.96	21.26	21.10	22.50
		135	138	20.88	21.12	21.05	22.50
		270	0	20.55	21.16	21.06	22.50
	DFT-s-OFDM QPSK	1	1	21.42	21.86	20.87	22.50
		1	137	21.10	21.48	20.75	22.50
		1	271	21.06	21.54	20.68	22.50
		135	0	21.16	21.51	20.96	22.50
		135	69	21.09	21.34	20.83	22.50
		135	138	21.13	21.49	20.70	22.50
		270	0	21.31	21.43	20.77	22.50
	DFT-s-OFDM 16QAM	1	1	21.52	21.70	20.54	22.50

	DFT-s-OFDM 64QAM	1	1	21.37	21.39	20.81	22.50
	DFT-s-OFDM 256QAM	1	1	21.18	21.39	20.90	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	21.47	21.82	20.73	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	22.14	22.38	21.55	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	22.06	22.42	21.56	22.50

Ant3

N77				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.50	/	26.00
		1	137	/	25.36	/	26.00
		1	271	/	24.73	/	26.00
		135	0	/	25.47	/	26.00
		135	69	/	25.37	/	26.00
		135	138	/	25.18	/	26.00
		270	0	/	25.42	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.58	/	26.00
		1	137	/	25.34	/	26.00
		1	271	/	25.39	/	26.00
		135	0	/	25.34	/	26.00
		135	69	/	24.05	/	26.00
		135	138	/	25.15	/	26.00
		270	0	/	25.23	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.55	/	25.00
DFT-s-OFDM 64QAM	1	1	/	23.73	/	24.00	

	DFT-s-OFDM 256QAM	1	1	/	22.21	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.03	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	25.50	25.41	25.30	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.50	25.40	25.50	26.00

Ant3

N77				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.22	24.57	24.50	26.00
		1	137	24.15	24.59	24.17	26.00
		1	271	24.07	24.55	24.43	26.00
		135	0	24.02	24.57	24.34	26.00
		135	69	24.34	24.59	24.37	26.00
		135	138	24.32	24.50	24.47	26.00
		270	0	24.33	24.54	24.22	26.00
	DFT-s-OFDM QPSK	1	1	24.73	25.19	24.06	26.00
		1	137	24.42	24.87	24.13	26.00
		1	271	24.52	25.08	24.11	26.00
		135	0	24.43	25.13	24.42	26.00
		135	69	24.20	24.80	24.35	26.00
		135	138	24.49	24.89	24.03	26.00
		270	0	24.65	25.09	24.04	26.00
	DFT-s-OFDM 16QAM	1	1	23.91	24.09	23.23	25.00
	DFT-s-OFDM 64QAM	1	1	22.85	23.15	22.23	24.00
	DFT-s-OFDM 256QAM	1	1	21.35	21.43	20.82	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	22.19	22.38	22.13	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	24.49	25.11	24.85	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	24.49	24.94	24.55	26.00

Ant4

N77				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.42	/	26.00
		1	137	/	25.41	/	26.00
		1	271	/	24.83	/	26.00
		135	0	/	25.46	/	26.00
		135	69	/	25.43	/	26.00
		135	138	/	25.37	/	26.00
		270	0	/	25.28	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.63	/	26.00
		1	137	/	25.54	/	26.00
		1	271	/	25.58	/	26.00
		135	0	/	25.41	/	26.00
		135	69	/	24.03	/	26.00
		135	138	/	25.16	/	26.00
		270	0	/	25.32	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.54	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	23.70	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	22.24	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

100MHz	CP-OFDM QPSK	1	1	/	23.22	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	25.31	25.38	25.29	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.31	25.43	25.32	26.00

Ant4

N77				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.21	24.93	24.49	26.00
		1	137	24.21	24.75	24.35	26.00
		1	271	24.14	24.79	24.56	26.00
		135	0	24.21	24.63	24.32	26.00
		135	69	24.37	24.80	24.62	26.00
		135	138	24.06	24.67	24.34	26.00
		270	0	24.03	24.62	24.38	26.00
	DFT-s-OFDM QPSK	1	1	24.73	25.27	24.25	26.00
		1	137	24.55	25.00	24.23	26.00
		1	271	24.58	25.06	24.16	26.00
		135	0	24.59	24.94	24.09	26.00
		135	69	24.45	24.89	24.40	26.00
		135	138	24.36	24.21	24.16	26.00
		270	0	24.21	24.42	24.04	26.00
	DFT-s-OFDM 16QAM	1	1	23.81	24.19	23.33	25.00
	DFT-s-OFDM 64QAM	1	1	22.94	23.23	22.23	24.00
	DFT-s-OFDM 256QAM	1	1	21.32	21.45	20.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	22.28	22.43	21.87	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	24.64	25.13	24.12	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	24.49	25.19	24.05	26.00

Ant1

N78				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.22	/	26.00
		1	137	/	25.17	/	26.00
		1	271	/	25.15	/	26.00
		135	0	/	25.26	/	26.00
		135	69	/	25.51	/	26.00
		135	138	/	25.29	/	26.00
		270	0	/	25.22	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.71	/	26.00
		1	137	/	25.62	/	26.00
		1	271	/	25.61	/	26.00
		135	0	/	25.63	/	26.00
		135	69	/	25.48	/	26.00
		135	138	/	25.47	/	26.00
		270	0	/	25.40	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.77	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	23.81	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	22.15	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.31	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	

50MHz	DFT-s-OFDM QPSK	1	1	25.47	25.45	25.86	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.16	25.40	25.36	26.00

Ant1

N78				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.88	/	26.00
		1	137	/	24.59	/	26.00
		1	271	/	24.54	/	26.00
		135	0	/	24.40	/	26.00
		135	69	/	24.78	/	26.00
		135	138	/	24.64	/	26.00
		270	0	/	24.58	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.22	/	26.00
		1	137	/	25.12	/	26.00
		1	271	/	24.96	/	26.00
		135	0	/	24.94	/	26.00
		135	69	/	24.72	/	26.00
		135	138	/	24.63	/	26.00
		270	0	/	24.55	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.33	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	23.23	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	21.83	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.83	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.94	25.11	24.95	26.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	24.91	24.88	24.98	26.00

Ant2

N78				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.75	/	22.50
		1	137	/	21.78	/	22.50
		1	271	/	21.24	/	22.50
		135	0	/	21.82	/	22.50
		135	69	/	21.77	/	22.50
		135	138	/	21.74	/	22.50
		270	0	/	21.71	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.85	/	22.50
		1	137	/	21.73	/	22.50
		1	271	/	21.68	/	22.50
		135	0	/	21.75	/	22.50
		135	69	/	20.57	/	22.50
		135	138	/	21.53	/	22.50
		270	0	/	21.73	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.72	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	21.43	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	21.61	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.79	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.83	21.70	21.71	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

20MHz	DFT-s-OFDM QPSK	1	1	21.95	21.77	21.64	22.50
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Ant2

N78				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.11	/	22.50
		1	137	/	20.72	/	22.50
		1	271	/	21.02	/	22.50
		135	0	/	20.74	/	22.50
		135	69	/	21.04	/	22.50
		135	138	/	20.93	/	22.50
		270	0	/	20.93	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.62	/	22.50
		1	137	/	21.43	/	22.50
		1	271	/	21.39	/	22.50
		135	0	/	21.41	/	22.50
		135	69	/	21.04	/	22.50
		135	138	/	21.32	/	22.50
		270	0	/	21.25	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.34	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	21.27	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	21.24	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.42	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	21.44	21.33	21.39	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.39	21.34	21.40	22.50

Ant3

N78				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.30	/	26.00
		1	137	/	25.24	/	26.00
		1	271	/	25.16	/	26.00
		135	0	/	25.21	/	26.00
		135	69	/	25.41	/	26.00
		135	138	/	25.23	/	26.00
		270	0	/	25.22	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.49	/	26.00
		1	137	/	25.44	/	26.00
		1	271	/	25.39	/	26.00
		135	0	/	25.42	/	26.00
		135	69	/	24.35	/	26.00
		135	138	/	24.32	/	26.00
		270	0	/	25.35	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.46	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	23.69	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	22.22	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.79	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	25.47	25.24	25.86	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.16	25.12	25.36	26.00

Ant3

N78				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.43	/	26.00
		1	137	/	24.50	/	26.00
		1	271	/	24.51	/	26.00
		135	0	/	24.53	/	26.00
		135	69	/	24.53	/	26.00
		135	138	/	24.43	/	26.00
		270	0	/	24.36	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.04	/	26.00
		1	137	/	24.78	/	26.00
		1	271	/	25.03	/	26.00
		135	0	/	24.92	/	26.00
		135	69	/	24.63	/	26.00
		135	138	/	24.82	/	26.00
		270	0	/	24.88	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	23.92	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	22.91	/	24.00
DFT-s-OFDM 256QAM	1	1	/	21.31	/	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.46	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.96	24.92	24.96	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	24.78	24.79	24.77	26.00

Ant4

N78	Conducted Power(dBm)
SCS 30kHz(3450~3550)	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.33	/	26.00
		1	137	/	25.22	/	26.00
		1	271	/	25.31	/	26.00
		135	0	/	25.19	/	26.00
		135	69	/	25.41	/	26.00
		135	138	/	25.32	/	26.00
		270	0	/	25.28	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.51	/	26.00
		1	137	/	25.33	/	26.00
		1	271	/	25.25	/	26.00
		135	0	/	25.41	/	26.00
		135	69	/	25.32	/	26.00
		135	138	/	25.28	/	26.00
		270	0	/	25.22	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.39	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	23.28	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	22.18	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		23.22		23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	25.47	25.24	25.36	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	25.16	25.12	25.36	26.00

Ant4

N78				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	

				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.73	/	26.00
		1	137	/	24.61	/	26.00
		1	271	/	24.72	/	26.00
		135	0	/	24.57	/	26.00
		135	69	/	24.53	/	26.00
		135	138	/	24.42	/	26.00
		270	0	/	24.50	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.13	/	26.00
		1	137	/	24.84	/	26.00
		1	271	/	24.80	/	26.00
		135	0	/	24.78	/	26.00
		135	69	/	24.71	/	26.00
		135	138	/	24.43	/	26.00
		270	0	/	24.31	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.13	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	22.98	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	21.30	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.54	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	25.04	24.90	24.95	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	24.93	25.01	25.04	26.00

Conducted Power Of Wi-Fi

WIFI 2.4GHz Ant6					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.37	19.00
	6	2437		17.86	19.00

	11	2462		18.32	19.00
802.11g	1	2412	6	15.12	16.00
	7	2437		14.68	16.00
	13	2462		15.16	16.00
802.11n HT20	1	2412	6.5	14.97	16.00
	7	2437		14.36	16.00
	13	2462		15.05	16.00
802.11n HT40	3	2422	13.5	13.70	15.00
	4	2427		13.76	15.00
	5	2432		13.81	15.00
	6	2437		14.12	15.00
	9	2452		13.43	15.00
802.11ax20 (SU)	1	2412		14.56	15.00
	7	2437		14.21	15.00
	13	2462		13.78	15.00
802.11ax20 (RU26)	1	2412		14.72	15.00
	7	2437		14.98	15.00
	13	2462		14.65	15.00
802.11ax20 (RU52)	1	2412		14.81	15.00
	7	2437		14.86	15.00
	13	2462		14.66	15.00
802.11ax20 (RU106)	1	2412		15.03	16.00
	7	2437		14.79	16.00
	13	2462		14.87	16.00
802.11ax40 (SU)	3	2422		13.59	15.00
	4	2427		13.53	15.00
	5	2432		13.61	15.00
	6	2437		14.25	15.00
	9	2452		13.62	15.00
802.11ax40 (RU26)	3	2422		15.06	16.00
	4	2427		15.22	16.00
	5	2432		15.17	16.00
	6	2437		15.88	16.00
	9	2452		15.01	16.00
802.11ax40 (RU52)	3	2422		15.23	16.00
	4	2427		15.26	16.00
	5	2432		15.19	16.00
	6	2437		15.89	16.00
	9	2452		15.16	16.00
802.11ax40 (RU106)	3	2422		15.57	16.00
	4	2427		15.62	16.00

802.11ax40 (RU242)	5	2432		15.59	16.00
	6	2437		15.70	16.00
	9	2452		15.44	16.00
	3	2422		15.71	16.00
	4	2427		15.69	16.00
	5	2432		15.46	16.00
	6	2437		15.04	16.00
	9	2452		15.39	16.00

WIFI 2.4GHz Ant7					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.86	17.00
	6	2437		16.73	17.00
	11	2462		16.41	17.00
802.11g	1	2412	6	15.49	16.00
	7	2437		15.26	16.00
	13	2462		15.27	16.00
802.11n HT20	1	2412	6.5	15.51	16.00
	7	2437		15.08	16.00
	13	2462		14.97	16.00
802.11n HT40	3	2422	13.5	14.52	16.00
	4	2427		14.79	16.00
	5	2432		14.77	16.00
	6	2437		15.15	16.00
	9	2452		14.96	16.00
802.11ax20 (SU)	1	2412		15.44	16.00
	7	2437		15.18	16.00
	13	2462		14.93	16.00
802.11ax20 (RU26)	1	2412		15.66	16.00
	7	2437		15.85	16.00
	13	2462		15.61	16.00
802.11ax20 (RU52)	1	2412		15.58	16.00
	7	2437		15.61	16.00
	13	2462		15.22	16.00
802.11ax20 (RU106)	1	2412		15.62	16.00
	7	2437		15.68	16.00
	13	2462		15.34	16.00
802.11ax40 (SU)	3	2422		14.67	16.00
	4	2427		14.62	16.00

	5	2432		14.55	16.00
	6	2437		15.06	16.00
	9	2452		14.92	16.00
802.11ax40 (RU26)	3	2422		15.88	16.00
	4	2427		15.61	16.00
	5	2432		15.72	16.00
	6	2437		15.93	16.00
	9	2452		15.43	16.00
802.11ax40 (RU52)	3	2422		15.85	16.00
	4	2427		15.90	16.00
	5	2432		15.77	16.00
	6	2437		15.97	16.00
	9	2452		15.63	16.00
802.11ax40 (RU106)	3	2422		15.82	16.00
	4	2427		15.91	16.00
	5	2432		15.86	16.00
	6	2437		15.79	16.00
	9	2452		15.79	16.00
802.11ax40 (RU242)	3	2422		15.94	16.00
	4	2427		15.68	16.00
	5	2432		15.72	16.00
	6	2437		15.81	16.00
	9	2452		15.88	16.00

WIFI 2.4GHz MIMO							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1	Ant2	MIMO Average Power (dBm)	Tune up
802.11b	1	2412	1	14.50	15.16	17.85	19.00
	6	2437		13.49	14.61	17.10	19.00
	11	2462		14.25	14.57	17.42	19.00
802.11g	1	2412	6	13.63	13.54	16.60	17.00
	7	2437		12.76	13.18	15.98	17.00
	13	2462		13.25	13.11	16.19	17.00
802.11n HT20	1	2412	6.5	12.36	12.49	15.44	17.00
	7	2437		12.16	12.31	15.25	17.00
	13	2462		13.01	12.01	15.55	17.00
802.11n HT40	3	2422	13.5	12.13	12.43	15.30	17.00
	4	2427		11.98	12.21	15.11	17.00

	5	2432		12.06	12.26	15.17	17.00
	6	2437		11.94	12.40	15.19	17.00
	9	2452		12.94	12.16	15.58	17.00
802.11ax20 (SU)	1	2412		12.41	12.51	15.47	17.00
	7	2437		12.07	12.29	15.19	17.00
	13	2462		12.93	12.00	15.50	17.00
802.11ax20 (RU26)	1	2412		12.23	12.20	15.22	17.00
	7	2437		12.54	12.36	15.46	17.00
	13	2462		12.69	11.76	15.26	17.00
802.11ax20 (RU52)	1	2412		12.36	12.16	15.27	17.00
	7	2437		12.35	12.17	15.27	17.00
	13	2462		12.89	11.91	15.44	17.00
802.11ax20 (RU106)	1	2412		13.16	12.93	16.05	17.00
	7	2437		11.85	12.14	15.01	17.00
	13	2462		12.88	11.81	15.39	17.00
802.11ax40 (SU)	3	2422		12.10	12.35	15.24	17.00
	4	2427		12.16	12.28	15.23	17.00
	5	2432		12.11	12.32	15.23	17.00
	6	2437		11.93	12.27	15.11	17.00
	9	2452		12.82	12.04	15.46	17.00
802.11ax40 (RU26)	3	2422		12.64	12.27	15.47	17.00
	4	2427		12.60	12.27	15.45	17.00
	5	2432		12.73	12.38	15.57	17.00
	6	2437		13.55	12.71	16.16	17.00
	9	2452		13.12	12.25	15.72	17.00
802.11ax40 (RU52)	3	2422		12.90	12.53	15.73	17.00
	4	2427		12.80	12.57	15.69	17.00
	5	2432		12.88	12.68	15.79	17.00
	6	2437		13.52	12.73	16.15	17.00
	9	2452		13.38	12.50	15.97	17.00
802.11ax40 (RU106)	3	2422		13.63	12.99	16.33	17.00
	4	2427		12.63	12.68	15.67	17.00
	5	2432		12.59	12.42	15.51	17.00
	6	2437		12.52	12.26	15.40	17.00
	9	2452		13.16	11.92	15.59	17.00
802.11ax40 (RU242)	3	2422		13.19	12.84	16.03	17.00
	4	2427		12.83	12.89	15.87	17.00
	5	2432		12.46	12.77	15.63	17.00
	6	2437		12.06	12.23	15.16	17.00
	9	2452		13.67	12.35	16.07	17.00

WIFI 5GHz Ant6						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.69	18.00
		40	5200		16.78	18.00
		44	5220		17.11	18.00
		48	5240		17.15	18.00
	U-NII-2A	52	5260		17.12	18.00
		56	5280		17.05	18.00
		60	5300		16.98	18.00
		64	5320		17.34	18.00
	U-NII-2C	100	5500		16.68	18.00
		116	5580		16.63	18.00
		124	5620		16.56	18.00
		132	5660		16.52	18.00
		140	5700		16.94	18.00
	U-NII-3	149	5745		17.76	18.00
		157	5785		17.76	18.00
		165	5825		17.81	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.62	17.00
		40	5200		15.55	17.00
		44	5220		16.03	17.00
		48	5240		16.32	17.00
	U-NII-2A	52	5260		16.21	17.00
		56	5280		16.12	17.00
		60	5300		16.41	17.00
		64	5320		16.43	17.00
	U-NII-2C	100	5500		15.79	17.00
		116	5580		15.65	17.00
		124	5620		15.81	17.00
		132	5660		15.66	17.00
		140	5700		16.53	17.00
	U-NII-3	149	5745		16.71	17.00
		157	5785		16.56	17.00
		165	5825		16.51	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11n-HT40	U-NII-1	38	5190	MCS0	15.67	17.00
		46	5230		16.01	17.00
	U-NII-2A	54	5270		16.03	17.00
		62	5310		15.41	17.00
	U-NII-2C	102	5510		13.45	17.00
		110	5550		15.34	17.00
		126	5630		15.36	17.00
		134	5670		15.45	17.00
	U-NII-3	151	5755		16.51	17.00
		159	5795		16.11	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	14.43	16.00
		40	5200		14.67	16.00
		44	5220		15.01	16.00
		48	5240		15.04	16.00
	U-NII-2A	52	5260		15.12	16.00
		56	5280		15.01	16.00
		60	5300		15.34	16.00
		64	5320		15.42	16.00
	U-NII-2C	100	5500		14.32	16.00
		116	5580		14.24	16.00
		124	5620		14.22	16.00
		132	5660		14.21	16.00
		140	5700		15.35	16.00
	U-NII-3	149	5745		15.21	16.00
		157	5785		15.13	16.00
		165	5825		15.17	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	13.34	15.00
		46	5230		13.88	15.00
	U-NII-2A	54	5270		14.23	15.00
		62	5310		14.43	15.00
	U-NII-2C	102	5510		13.01	15.00
		110	5550		13.06	15.00
		126	5630		13.01	15.00
		134	5670		13.89	15.00
	U-NII-3	151	5755		14.43	15.00
		159	5795		14.41	15.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.87	14.00
	U-NII-2A	58	5290		13.43	14.00
	U-NII-2C	106	5530		12.78	14.00
		122	5610		12.87	14.00
	U-NII-3	155	5775		13.67	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-1	50	5250	MCS0	14.05	15.00
	U-NII-2C	114	5570		13.51	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	13.52	15.00
		40	5200		13.49	15.00
		44	5220		13.44	15.00
		48	5240		13.57	15.00
	U-NII-2A	52	5260		13.85	15.00
		56	5280		14.09	15.00
		60	5300		13.98	15.00
		64	5320		13.86	15.00
	U-NII-2C	100	5500		13.79	15.00
		116	5580		12.38	14.00
		124	5620		11.97	13.00
		132	5660		11.34	13.00
		140	5700		10.41	12.00
	U-NII-3	149	5745		10.96	12.00
		157	5785		10.87	12.00
		165	5825		10.93	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	13.08	15.00
		46	5230		13.35	15.00
	U-NII-2A	54	5270		13.56	15.00
		62	5310		13.72	15.00
	U-NII-2C	102	5510		13.81	15.00
		110	5550		13.39	15.00
		126	5630		13.04	15.00
		134	5670		13.46	15.00
	U-NII-3	151	5755		10.82	11.00
		159	5795		10.78	11.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	13.06	14.00
	U-NII-2A	58	5290		13.25	14.00
	U-NII-2C	106	5530		13.86	14.00
		122	5610		13.69	14.00
	U-NII-3	155	5775		11.73	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-1	50	5250	MCS0	13.06	14.00
	U-NII-2C	114	5570		13.30	14.00

WIFI 5GHz Ant7						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.19	17.00
		40	5200		16.02	17.00
		44	5220		16.03	17.00
		48	5240		16.07	17.00
	U-NII-2A	52	5260		15.69	17.00
		56	5280		15.72	17.00
		60	5300		15.66	17.00
		64	5320		15.62	17.00
	U-NII-2C	100	5500		16.23	17.00
		116	5580		16.19	17.00
		124	5620		16.27	17.00
		132	5660		16.15	17.00
		140	5700		16.09	17.00
	U-NII-3	149	5745		15.36	17.00
		157	5785		15.07	17.00
		165	5825		15.03	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.96	17.00
		40	5200		15.87	17.00
		44	5220		15.93	17.00
		48	5240		15.89	17.00
	U-NII-2A	52	5260		15.53	17.00
		56	5280		15.58	17.00
		60	5300		15.51	17.00

		64	5320		15.49	17.00
	U-NII-2C	100	5500		16.08	17.00
		116	5580		16.11	17.00
		124	5620		16.07	17.00
		132	5660		15.98	17.00
		140	5700		16.13	17.00
	U-NII-3	149	5745		15.25	17.00
		157	5785		14.96	17.00
		165	5825		14.98	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.04	16.00
		46	5230		14.92	16.00
	U-NII-2A	54	5270		14.63	16.00
		62	5310		14.61	16.00
	U-NII-2C	102	5510		15.28	16.00
		110	5550		15.23	16.00
		126	5630		15.26	16.00
		134	5670		15.20	16.00
	U-NII-3	151	5755		14.34	16.00
		159	5795		14.15	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	13.09	14.00
		40	5200		12.88	14.00
		44	5220		12.95	14.00
		48	5240		12.86	14.00
	U-NII-2A	52	5260		12.58	14.00
		56	5280		12.61	14.00
		60	5300		12.53	14.00
		64	5320		12.67	14.00
	U-NII-2C	100	5500		13.44	14.00
		116	5580		13.39	14.00
		124	5620		13.41	14.00
		132	5660		13.32	14.00
		140	5700		13.35	14.00
	U-NII-3	149	5745		12.46	14.00
		157	5785		12.14	14.00
		165	5825		12.08	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ac-40	U-NII-1	38	5190	MCS0	13.16	14.00
		46	5230		13.05	14.00
	U-NII-2A	54	5270		12.72	14.00
		62	5310		12.76	14.00
	U-NII-2C	102	5510		13.43	14.00
		110	5550		13.38	14.00
		126	5630		13.41	14.00
		134	5670		13.32	14.00
	U-NII-3	151	5755		12.03	14.00
		159	5795		12.05	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.58	14.00
	U-NII-2A	58	5290		12.64	14.00
	U-NII-2C	106	5530		13.19	14.00
		122	5610		13.22	14.00
	U-NII-3	155	5775		12.04	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-1	50	5250	MCS0	12.64	14.00
	U-NII-2C	114	5570		13.57	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	12.46	13.00
		40	5200		12.39	13.00
		44	5220		12.41	13.00
		48	5240		12.38	13.00
	U-NII-2A	52	5260		12.22	13.00
		56	5280		12.16	13.00
		60	5300		12.31	13.00
		64	5320		12.18	13.00
	U-NII-2C	100	5500		12.16	13.00
		116	5580		12.08	13.00
		124	5620		11.94	13.00
		132	5660		11.97	13.00
		140	5700		12.03	13.00
	U-NII-3	149	5745		11.51	13.00
		157	5785		11.41	13.00
		165	5825		11.19	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax-40	U-NII-1	38	5190	MCS0	12.34	13.00
		46	5230		12.05	13.00
	U-NII-2A	54	5270		12.14	13.00
		62	5310		12.05	13.00
	U-NII-2C	102	5510		12.23	13.00
		110	5550		12.16	13.00
		126	5630		12.19	13.00
		134	5670		11.88	13.00
	U-NII-3	151	5755		10.98	13.00
		159	5795		10.95	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.23	13.00
	U-NII-2A	58	5290		12.46	13.00
	U-NII-2C	106	5530		12.49	13.00
		122	5610		12.51	13.00
	U-NII-3	155	5775		10.76	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-1	50	5250	MCS0	12.91	14.00
	U-NII-2C	114	5570		13.26	14.00

WIFI 5GHz MIMO								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average Power (dBm)	Ant2 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	14.18	12.25	16.33	17.00
		40	5200		14.00	11.92	16.10	17.00
		44	5220		14.37	12.35	16.49	17.00
		48	5240		14.29	12.08	16.33	17.00
	U-NII-2A	52	5260		14.34	11.89	16.29	17.00
		56	5280		14.37	11.95	16.34	17.00
		60	5300		14.41	11.64	16.25	17.00
		64	5320		14.71	11.55	16.42	17.00
	U-NII-2C	100	5500		14.10	11.88	16.14	17.00
		116	5580		14.03	12.29	16.26	17.00
		124	5620		13.71	12.40	16.11	17.00
		132	5660		13.76	12.04	16.00	17.00
		140	5700		14.25	11.92	16.25	17.00

	U-NII-3	149	5745		14.94	11.38	16.52	17.00
		157	5785		14.90	11.26	16.46	17.00
		165	5825		14.96	11.13	16.47	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average Power (dBm)	Ant2 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.05	12.33	15.71	17.00
		40	5200		13.07	11.83	15.51	17.00
		44	5220		13.23	11.80	15.58	17.00
		48	5240		13.65	11.76	15.82	17.00
	U-NII-2A	52	5260		13.68	11.25	15.64	17.00
		56	5280		13.54	11.62	15.69	17.00
		60	5300		13.92	11.57	15.91	17.00
		64	5320		13.79	11.62	15.85	17.00
	U-NII-2C	100	5500		12.96	12.00	15.52	17.00
		116	5580		12.84	12.14	15.51	17.00
		124	5620		13.07	12.09	15.61	17.00
		132	5660		13.00	11.98	15.53	17.00
		140	5700		13.91	12.27	16.18	17.00
	U-NII-3	149	5745		13.91	11.38	15.84	17.00
		157	5785		13.93	10.77	15.65	17.00
		165	5825		13.73	10.88	15.54	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average Power (dBm)	Ant2 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	13.14	12.45	15.82	17.00
		46	5230		13.43	12.34	15.93	17.00
	U-NII-2A	54	5270		13.54	11.87	15.79	17.00
		62	5310		12.67	11.79	15.26	17.00
	U-NII-2C	102	5510		10.73	12.78	14.88	16.00
		110	5550		12.71	12.60	15.66	17.00
		126	5630		12.59	12.71	15.66	17.00
		134	5670		12.87	12.63	15.76	17.00
	U-NII-3	151	5755		13.67	11.63	15.78	17.00
		159	5795		13.49	11.42	15.59	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average Power (dBm)	Ant2 Average Power (dBm)	MIMO Average Power (dBm)	Tune up

802.11ac-20	U-NII-1	36	5180	MCS0	10.70	9.45	13.13	14.00
		40	5200		10.87	9.09	13.08	14.00
		44	5220		11.14	8.95	13.19	14.00
		48	5240		11.17	9.17	13.30	14.00
	U-NII-2A	52	5260		11.42	8.80	13.32	14.00
		56	5280		11.30	8.78	13.23	14.00
		60	5300		11.60	8.89	13.47	14.00
		64	5320		11.48	8.76	13.34	14.00
	U-NII-2C	100	5500		10.31	9.80	13.07	14.00
		116	5580		10.23	9.52	12.90	14.00
		124	5620		10.54	9.65	13.13	14.00
		132	5660		10.34	9.68	13.04	14.00
		140	5700		11.68	9.57	13.76	14.00
	U-NII-3	149	5745		11.56	8.51	13.31	14.00
		157	5785		11.14	8.50	13.03	14.00
		165	5825		11.31	8.31	13.07	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average Power (dBm)	Ant2 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	9.53	9.32	12.43	13.00
		46	5230		10.18	9.16	12.71	13.00
	U-NII-2A	54	5270		10.59	8.85	12.81	13.00
		62	5310		10.71	8.74	12.84	13.00
	U-NII-2C	102	5510		9.30	9.79	12.56	13.00
		110	5550		9.14	9.64	12.40	13.00
		126	5630		9.25	9.39	12.33	13.00
		134	5670		10.17	9.30	12.77	13.00
	U-NII-3	151	5755		10.43	8.25	12.48	13.00
		159	5795		10.63	8.36	12.65	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average Power (dBm)	Ant2 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	9.23	8.91	12.08	14.00
	U-NII-2A	58	5290		9.49	8.84	12.19	14.00
	U-NII-2C	106	5530		8.87	9.23	12.07	14.00
		122	5610		8.89	9.38	12.16	14.00
	U-NII-3	155	5775		10.01	8.39	12.29	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average	Ant2 Average	MIMO Average	Tune up

					Power (dBm)	Power (dBm)	Power (dBm)	
802.11ac 160M	U-NII-1	50	5250	MCS0	10.30	8.97	12.70	14.50
	U-NII-2C	114	5570		9.50	9.82	12.68	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average Power (dBm)	Ant2 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	10.12	8.62	12.44	13.00
		40	5200		9.96	8.68	12.38	13.00
		44	5220		9.97	8.48	12.30	13.00
		48	5240		10.43	8.36	12.53	13.00
	U-NII-2A	52	5260		10.39	8.47	12.54	13.00
		56	5280		10.93	8.22	12.79	13.00
		60	5300		10.77	8.47	12.78	13.00
		64	5320		10.61	8.38	12.65	13.00
	U-NII-2C	100	5500		10.47	8.48	12.60	13.00
		116	5580		9.14	8.35	11.77	13.00
		124	5620		8.84	8.12	11.51	13.00
		132	5660		7.86	8.27	11.08	13.00
		140	5700		7.30	8.37	10.88	11.00
	U-NII-3	149	5745		7.61	7.62	10.62	11.00
		157	5785		7.71	7.51	10.62	11.00
		165	5825		7.79	7.47	10.65	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average Power (dBm)	Ant2 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	9.93	8.34	12.22	13.00
		46	5230		9.82	8.41	12.18	13.00
	U-NII-2A	54	5270		10.40	8.48	12.55	13.00
		62	5310		10.22	8.40	12.42	13.00
	U-NII-2C	102	5510		10.38	8.40	12.51	13.00
		110	5550		9.94	8.37	12.24	13.00
		126	5630		9.77	8.40	12.15	13.00
		134	5670		10.20	7.99	12.24	13.00
	U-NII-3	151	5755		7.60	7.18	10.40	11.00
		159	5795		7.29	7.31	10.31	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average Power	Ant2 Average Power	MIMO Average Power	Tune up

					(dBm)	(dBm)	(dBm)	
802.11ax 80M	U-NII-1	42	5210	MCS0	9.66	8.38	12.08	14.00
	U-NII-2A	58	5290		9.81	8.61	12.26	14.00
	U-NII-2C	106	5530		10.37	8.77	12.66	14.00
		122	5610		10.38	8.53	12.56	14.00
	U-NII-3	155	5775		8.25	7.06	10.71	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant1 Average Power (dBm)	Ant2 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11ax 160M	U-NII-1	50	5250	MCS0	9.81	9.00	12.44	14.00
	U-NII-2C	114	5570		9.99	9.33	12.68	14.00

Conducted Power Of BT

Ant6

BT			Average Conducted Power(dBm)	Tune up (dBm)
Modulation	Channel	Frequency(MHz)		
GFSK	0	2402	8.63	9.00
	39	2441	8.67	9.00
	78	2480	8.59	9.00
π /4DQPSK	0	2402	8.12	9.00
	39	2441	8.11	9.00
	78	2480	8.17	9.00
8DPSK	0	2402	8.23	9.00
	39	2441	8.26	9.00
	78	2480	8.20	9.00

BLE			Average Conducted Power(dBm)	Tune up (dBm)
Modulation	Channel	Frequency(MHz)		
GFSK	0	2402	7.73	9.00
	19	2440	7.98	9.00
	39	2480	7.68	9.00

Ant7

BT			Average	Tune up (dBm)
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Modulation	Channel	Frequency(MHz)	Conducted Power(dBm)	
GFSK	0	2402	8.18	9.00
	39	2441	8.31	9.00
	78	2480	8.15	9.00
$\pi/4$ DQPSK	0	2402	7.71	9.00
	39	2441	7.76	9.00
	78	2480	7.77	9.00
8DPSK	0	2402	7.90	9.00
	39	2441	7.88	9.00
	78	2480	7.87	9.00

BLE			Average Conducted Power(dBm)	Tune up (dBm)
Modulation	Channel	Frequency(MHz)		
GFSK	0	2402	7.32	9.00
	19	2440	7.51	9.00
	39	2480	7.22	9.00

Sensor on power:

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GSM 1900										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	26.14	26.13	25.92	27.00	-9.03	17.11	17.1	16.89	17.97
GPRS/EGPRS (GMSK)	1 TX Slot	25.41	25.82	25.53	27.00	-9.03	16.38	16.79	16.5	17.97
	2 TX Slots	23.58	23.72	24.52	25.00	-6.02	17.56	17.7	18.5	18.98
	3 TX Slots	23.03	23.94	23.64	24.00	-4.26	18.77	19.68	19.38	19.74
	4 TX Slots	20.49	21.39	21.27	22.00	-3.01	17.48	18.38	18.26	18.99
EGPRS(8PSK)	1 TX Slot	20.80	21.96	21.81	22.00	-9.03	11.77	12.93	12.78	12.97
	2 TX Slots	20.70	21.70	21.64	22.00	-6.02	14.68	15.68	15.62	15.98
	3 TX Slots	18.87	19.49	19.65	20.00	-4.26	14.61	15.23	15.39	15.74
	4 TX Slots	16.63	17.62	17.27	18.00	-3.01	13.62	14.61	14.26	14.99

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WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.45	22.67	22.53	23.00
HSDPA	Subtest 1	21.64	21.74	21.54	22.00
	Subtest 2	21.41	21.69	21.49	22.00
	Subtest 3	20.80	21.25	21.03	21.50
	Subtest 4	20.83	20.93	21.12	21.50
HSUPA	Subtest 1	21.60	21.65	21.53	22.00
	Subtest 2	19.46	19.41	19.62	20.00
	Subtest 3	20.39	20.35	20.86	21.00
	Subtest 4	19.40	19.72	19.76	20.00
	Subtest 5	21.37	21.44	21.70	22.00

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WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.61	22.69	22.59	23.00
HSDPA	Subtest 1	21.59	21.69	21.69	22.00
	Subtest 2	21.51	21.73	21.49	22.00
	Subtest 3	21.08	21.04	21.07	21.50
	Subtest 4	21.18	21.11	21.02	21.50

HSUPA	Subtest 1	21.71	21.62	21.60	22.00
	Subtest 2	19.50	19.65	19.47	20.00
	Subtest 3	20.61	20.68	20.55	21.00
	Subtest 4	19.52	19.44	19.51	20.00
	Subtest 5	21.40	21.36	21.30	22.00

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LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.81	21.25	20.87	21.50
		1	2	20.93	20.80	20.56	21.50
		1	5	20.84	20.97	20.66	21.50
		3	0	20.79	21.06	20.93	21.50
		3	2	20.81	21.04	20.76	21.50
		3	3	20.57	20.71	20.67	21.50
		6	0	20.82	20.80	20.76	21.50
	16QAM	1	0	20.81	20.88	20.86	21.50
		1	2	20.78	20.75	21.03	21.50
		1	5	20.84	21.01	20.73	21.50
		3	0	20.93	20.89	20.89	21.50
		3	2	20.62	20.88	20.84	21.50
		3	3	21.08	21.23	20.53	21.50
		6	0	20.71	20.85	21.01	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.98	21.21	20.82	21.50
		1	7	20.94	20.63	20.71	21.50
		1	14	20.71	20.96	20.61	21.50
		8	0	20.83	20.87	21.00	21.50
		8	4	21.04	20.85	20.97	21.50
		8	7	20.67	20.65	20.63	21.50
		15	0	20.80	20.69	20.72	21.50
	16QAM	1	0	20.72	20.97	20.87	21.50
		1	7	20.94	20.75	20.99	21.50
		1	14	20.88	20.96	20.77	21.50
		8	0	20.85	20.98	20.74	21.50
		8	4	20.75	20.94	20.95	21.50
		8	7	20.97	21.18	20.63	21.50
		15	0	20.69	20.68	20.99	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.88	21.15	20.79	21.50
		1	13	21.02	20.58	20.71	21.50
		1	24	20.80	20.83	20.61	21.50
		12	0	20.93	20.85	21.02	21.50
		12	6	20.86	21.01	20.83	21.50
		12	13	20.57	20.88	20.74	21.50
		25	0	20.66	20.68	20.84	21.50
	16QAM	1	0	20.78	21.04	20.84	21.50
		1	13	20.95	20.88	21.01	21.50
		1	24	21.08	21.11	20.74	21.50
		12	0	20.78	20.85	20.78	21.50
		12	6	20.78	20.88	20.99	21.50
		12	13	20.93	21.12	20.65	21.50
		25	0	20.73	20.66	20.99	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.94	21.12	20.72	21.50
		1	25	20.81	20.77	20.82	21.50
		1	49	20.77	20.85	20.65	21.50
		25	0	20.83	21.04	20.77	21.50
		25	13	20.76	20.92	20.93	21.50
		25	25	20.67	20.75	20.68	21.50
		50	0	20.75	20.88	20.63	21.50
	16QAM	1	0	20.88	20.88	20.66	21.50
		1	25	20.76	20.89	21.00	21.50
		1	49	21.03	21.20	20.58	21.50
		25	0	20.95	20.90	20.79	21.50
		25	13	20.64	20.77	21.07	21.50
		25	25	21.07	21.07	20.79	21.50
		50	0	20.88	20.77	21.02	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.76	21.07	20.78	21.50
		1	38	20.83	20.79	20.70	21.50
		1	74	20.72	20.89	20.51	21.50
		36	0	20.89	20.98	20.96	21.50
		36	18	21.02	21.00	20.84	21.50
		36	39	20.71	20.66	20.65	21.50
		75	0	20.76	20.64	20.71	21.50

	16QAM	1	0	20.80	20.92	20.94	21.50
		1	38	20.97	20.78	21.14	21.50
		1	74	20.82	21.11	20.61	21.50
		36	0	20.89	21.02	20.77	21.50
		36	18	20.65	20.84	21.07	21.50
		36	39	21.11	21.14	20.61	21.50
		75	0	20.65	20.77	20.98	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.03	21.34	20.93	21.50
		1	50	21.11	20.93	20.88	21.50
		1	99	20.91	21.09	20.80	21.50
		50	0	21.04	21.18	21.09	21.50
		50	25	21.11	21.09	21.10	21.50
		50	50	20.85	20.95	20.84	21.50
		100	0	21.00	20.98	20.97	21.50
	16QAM	1	0	21.07	21.16	20.99	21.50
		1	50	21.11	21.08	21.20	21.50
		1	99	21.16	21.27	20.85	21.50
		50	0	21.04	21.12	21.08	21.50
		50	25	20.90	21.07	21.18	21.50
		50	50	21.17	21.31	20.88	21.50
		100	0	20.99	20.97	21.09	21.50

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LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.75	21.99	21.79	22.50
		1	2	21.82	21.74	21.61	22.50
		1	5	21.62	21.74	21.74	22.50
		3	0	21.28	21.36	21.25	22.50
		3	2	21.43	21.70	21.18	22.50
		3	3	21.19	21.45	21.55	22.50
		6	0	21.57	21.43	21.29	22.50
	16QAM	1	0	21.61	21.84	21.62	22.50
		1	2	21.39	21.62	21.60	22.50
		1	5	21.64	21.72	21.79	22.50
		3	0	21.00	21.37	21.08	22.00
		3	2	21.36	21.29	21.09	22.00

		3	3	21.25	21.34	21.30	22.00
		6	0	21.20	21.03	20.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.83	21.95	21.84	22.50
		1	7	21.78	21.92	21.68	22.50
		1	14	21.53	21.63	21.60	22.50
		8	0	21.35	21.22	21.15	22.50
		8	4	21.40	21.57	21.24	22.50
		8	7	21.23	21.57	21.60	22.50
		15	0	21.37	21.58	21.31	22.50
	16QAM	1	0	21.55	21.91	21.72	22.50
		1	7	21.57	21.63	21.63	22.50
		1	14	21.69	21.86	21.86	22.50
		8	0	21.09	21.27	21.02	22.00
		8	4	21.40	21.33	21.06	22.00
		8	7	21.18	21.57	21.38	22.00
		15	0	21.34	21.09	20.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.65	21.85	21.93	22.50
		1	13	21.63	21.76	21.67	22.50
		1	24	21.61	21.53	21.71	22.50
		12	0	21.36	21.28	21.23	22.50
		12	6	21.51	21.61	21.17	22.50
		12	13	21.21	21.60	21.60	22.50
		25	0	21.45	21.61	21.37	22.50
	16QAM	1	0	21.49	21.87	21.56	22.50
		1	13	21.57	21.66	21.58	22.50
		1	24	21.63	21.74	21.81	22.50
		12	0	21.04	21.28	21.01	22.00
		12	6	21.29	21.42	21.15	22.00
		12	13	21.14	21.41	21.36	22.00
		25	0	21.22	21.08	21.03	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.80	22.03	21.99	22.50
		1	25	21.65	21.77	21.74	22.50
		1	49	21.51	21.62	21.64	22.50
		25	0	21.17	21.35	21.25	22.50
		25	13	21.47	21.70	21.31	22.50

		25	25	21.24	21.60	21.61	22.50
		50	0	21.42	21.41	21.28	22.50
	16QAM	1	0	21.47	21.85	21.55	22.50
		1	25	21.44	21.65	21.61	22.50
		1	49	21.67	21.87	21.87	22.50
		25	0	20.88	21.28	21.09	22.00
		25	13	21.38	21.34	21.26	22.00
		25	25	21.25	21.47	21.37	22.00
		50	0	21.33	21.04	21.06	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.61	21.99	21.95	22.50
		1	38	21.80	21.89	21.63	22.50
		1	74	21.55	21.53	21.60	22.50
		36	0	21.37	21.40	21.20	22.50
		36	18	21.47	21.51	21.21	22.50
		36	39	21.26	21.55	21.55	22.50
		75	0	21.38	21.63	21.35	22.50
	16QAM	1	0	21.46	21.80	21.55	22.50
		1	38	21.42	21.69	21.54	22.50
		1	74	21.72	21.83	21.85	22.50
		36	0	20.95	21.28	21.13	22.00
		36	18	21.37	21.31	21.09	22.00
		36	39	21.25	21.34	21.39	22.00
		75	0	21.33	21.27	21.07	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	21.87	22.09	22.04	22.50
		1	50	21.86	21.99	21.88	22.50
		1	99	21.66	21.79	21.77	22.50
		50	0	21.42	21.75	21.34	22.50
		50	25	21.56	21.65	21.36	22.50
		50	50	21.44	21.66	21.72	22.50
		100	0	21.61	21.67	21.44	22.50
	16QAM	1	0	21.66	21.97	21.80	22.50
		1	50	21.65	21.85	21.79	22.50
		1	99	21.83	21.98	21.91	22.50
		50	0	21.13	21.52	21.24	22.00
		50	25	21.48	21.49	21.31	22.00
		50	50	21.32	21.60	21.45	22.00
		100	0	21.42	21.30	21.16	22.00

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LTE Band 25				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	21.02	21.34	20.97	21.50
		1	2	21.19	20.97	20.92	21.50
		1	5	20.93	21.05	20.72	21.50
		3	0	21.06	21.05	21.24	21.50
		3	2	21.03	21.13	21.25	21.50
		3	3	20.83	21.07	20.83	21.50
		6	0	20.96	20.85	21.05	21.50
	16QAM	1	0	21.19	21.04	20.87	21.50
		1	2	21.17	21.02	21.05	21.50
		1	5	21.17	21.27	20.68	21.50
		3	0	20.96	21.15	21.13	21.50
		3	2	20.84	21.07	21.16	21.50
		3	3	21.03	21.37	21.00	21.50
		6	0	21.07	20.96	21.06	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.03	21.34	20.89	21.50
		1	7	21.13	20.93	21.09	21.50
		1	14	21.05	21.06	20.84	21.50
		8	0	21.10	21.14	21.10	21.50
		8	4	21.12	21.04	21.17	21.50
		8	7	20.99	21.01	20.88	21.50
		15	0	20.82	20.85	21.13	21.50
	16QAM	1	0	21.11	21.09	20.94	21.50
		1	7	21.20	20.84	21.03	21.50
		1	14	21.22	21.28	20.88	21.50
		8	0	20.86	21.16	20.97	21.50
		8	4	20.92	21.20	21.13	21.50
		8	7	21.20	21.36	21.00	21.50
		15	0	20.98	20.85	21.28	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20.93	21.45	20.86	21.50
		1	13	21.08	20.84	20.98	21.50
		1	24	21.04	21.16	20.92	21.50

		12	0	20.87	21.22	21.16	21.50
		12	6	21.10	21.17	21.18	21.50
		12	13	20.83	21.08	21.00	21.50
		25	0	20.94	20.93	21.01	21.50
	16QAM	1	0	21.30	21.10	20.88	21.50
		1	13	21.14	21.00	21.07	21.50
		1	24	21.19	21.30	20.67	21.50
		12	0	21.07	21.20	20.99	21.50
		12	6	20.96	21.19	21.02	21.50
		12	13	21.08	21.33	21.03	21.50
		25	0	20.94	20.76	21.13	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	20.87	21.43	20.89	21.50
		1	25	21.17	20.91	20.90	21.50
		1	49	20.96	21.14	20.79	21.50
		25	0	20.99	21.01	21.26	21.50
		25	13	21.06	21.13	21.28	21.50
		25	25	20.90	20.93	21.00	21.50
		50	0	20.96	20.95	20.92	21.50
	16QAM	1	0	21.16	21.04	20.93	21.50
		1	25	21.11	21.01	21.25	21.50
		1	49	21.22	21.31	20.73	21.50
		25	0	21.07	21.26	21.09	21.50
		25	13	20.88	21.02	20.99	21.50
		25	25	21.19	21.32	20.96	21.50
		50	0	20.86	20.89	21.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	20.91	21.42	20.81	21.50
		1	38	21.00	20.96	21.06	21.50
		1	74	20.95	21.15	20.84	21.50
		36	0	20.87	21.19	21.26	21.50
		36	18	21.00	21.01	21.21	21.50
		36	39	20.81	21.09	20.97	21.50
		75	0	20.92	21.02	20.95	21.50
	16QAM	1	0	21.27	21.04	20.87	21.50
		1	38	21.18	20.94	21.21	21.50
		1	74	21.14	21.22	20.65	21.50
		36	0	20.87	21.26	20.99	21.50
		36	18	21.04	21.09	21.09	21.50

		36	39	21.18	21.29	20.92	21.50
		75	0	21.08	20.79	21.11	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	21.17	21.42	21.05	21.50
		1	50	21.30	21.09	21.18	21.50
		1	99	21.16	21.30	21.03	21.50
		50	0	21.18	21.33	21.27	21.50
		50	25	21.28	21.23	21.27	21.50
		50	50	21.08	21.18	21.13	21.50
		100	0	21.12	21.15	21.22	21.50
	16QAM	1	0	21.38	21.31	21.15	21.50
		1	50	21.38	21.16	21.34	21.50
		1	99	21.37	21.27	20.97	21.50
		50	0	21.17	21.36	21.23	21.50
		50	25	21.15	21.34	21.28	21.50
		50	50	21.32	21.31	21.16	21.50
		100	0	21.17	21.07	21.38	21.50

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LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.81	22.07	22.16	22.50
		1	2	21.59	22.09	21.88	22.50
		1	5	21.57	21.67	21.65	22.50
		3	0	21.46	21.41	21.33	22.50
		3	1	21.48	21.54	21.48	22.50
		3	3	21.47	21.67	21.69	22.50
		6	0	21.53	21.63	21.46	22.50
	16QAM	1	0	21.43	21.86	21.86	22.50
		1	2	21.55	21.63	21.73	22.50
		1	5	21.85	22.10	21.95	22.50
		3	0	21.07	21.51	21.31	22.00
		3	1	21.56	21.36	21.37	22.00
		3	3	21.22	21.47	21.48	22.00
		6	0	21.38	21.01	21.03	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.65	22.19	22.13	22.50

		1	7	21.69	21.93	22.05	22.50
		1	14	21.61	21.69	21.67	22.50
		8	0	21.35	21.44	21.24	22.50
		8	4	21.55	21.59	21.53	22.50
		8	7	21.49	21.58	21.51	22.50
		15	0	21.55	21.67	21.51	22.50
	16QAM	1	0	21.62	21.82	21.81	22.50
		1	7	21.41	21.72	21.82	22.50
		1	14	21.99	21.95	21.95	22.50
		8	0	21.06	21.48	21.18	22.00
		8	4	21.38	21.53	21.21	22.00
		8	7	21.26	21.56	21.38	22.00
		15	0	21.32	21.10	21.03	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.72	22.08	21.99	22.50
		1	13	21.68	22.06	21.91	22.50
		1	24	21.67	21.67	21.67	22.50
		12	0	21.33	21.27	21.41	22.50
		12	6	21.49	21.72	21.38	22.50
		12	13	21.58	21.60	21.70	22.50
		25	0	21.62	21.55	21.41	22.50
	16QAM	1	0	21.57	21.95	21.84	22.50
		1	13	21.48	21.63	21.81	22.50
		1	24	21.77	21.94	21.92	22.50
		12	0	21.29	21.53	21.21	22.00
		12	6	21.46	21.35	21.36	22.00
		12	13	21.17	21.34	21.34	22.00
		25	0	21.29	21.13	21.12	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.76	22.25	22.14	22.50
		1	25	21.68	22.10	22.00	22.50
		1	49	21.50	21.66	21.73	22.50
		25	0	21.52	21.44	21.28	22.50
		25	13	21.35	21.71	21.41	22.50
		25	25	21.55	21.73	21.59	22.50
		50	0	21.55	21.64	21.34	22.50
	16QAM	1	0	21.54	21.91	21.64	22.50
		1	25	21.45	21.59	21.79	22.50
		1	49	21.80	21.95	21.98	22.50

		25	0	21.27	21.47	21.24	22.00
		25	13	21.52	21.55	21.31	22.00
		25	25	21.30	21.41	21.28	22.00
		50	0	21.26	21.13	20.94	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.85	22.21	21.97	22.50
		1	38	21.62	22.03	21.86	22.50
		1	74	21.56	21.70	21.68	22.50
		36	0	21.51	21.32	21.33	22.50
		36	18	21.51	21.56	21.40	22.50
		36	39	21.50	21.50	21.57	22.50
		75	0	21.41	21.66	21.40	22.50
	16QAM	1	0	21.49	21.88	21.77	22.50
		1	38	21.44	21.70	21.89	22.50
		1	74	21.89	21.96	21.83	22.50
		36	0	21.18	21.41	21.21	22.00
		36	18	21.37	21.37	21.38	22.00
		36	39	21.21	21.53	21.39	22.00
		75	0	21.26	21.03	21.11	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.96	22.33	22.27	22.50
		1	50	21.90	22.19	22.14	22.50
		1	99	21.79	21.92	21.95	22.50
		50	0	21.60	21.85	21.51	22.50
		50	25	21.64	21.55	21.62	22.50
		50	50	21.68	21.82	21.78	22.50
		100	0	21.73	21.83	21.62	22.50
	16QAM	1	0	21.73	22.08	21.95	22.50
		1	50	21.73	21.90	22.04	22.50
		1	99	22.08	22.18	22.08	22.50
		50	0	21.38	21.71	21.44	22.00
		50	25	21.65	21.64	21.52	22.00
		50	50	21.42	21.65	21.57	22.00
		100	0	21.50	21.33	21.23	22.00

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N2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB	Channel	Channel	Channel	Tune up

			offset	372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.06	22.19	21.87	22.50
		1	53	21.81	21.93	21.64	22.50
		1	104	21.96	22.12	21.86	22.50
		50	0	21.81	21.95	21.73	22.50
		50	28	22.15	22.37	21.96	22.50
		50	56	22.13	22.29	21.91	22.50
		100	0	21.91	22.12	21.77	22.50
	DFT-s-OFDM QPSK	1	1	22.18	22.38	22.06	22.50
		1	53	21.81	22.09	21.67	22.50
		1	104	22.04	22.21	22.08	22.50
		50	0	21.82	22.32	21.85	22.50
		50	28	22.18	22.31	22.13	22.50
		50	56	21.96	22.17	21.82	22.50
		100	0	21.67	22.36	21.97	22.50
	DFT-s-OFDM 16QAM	1	1	21.93	22.24	21.93	22.50
	DFT-s-OFDM 64QAM	1	1	21.89	22.37	21.94	22.50
	DFT-s-OFDM 256QAM	1	1	21.08	21.36	20.93	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	22.07	22.34	21.95	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	22.03	22.22	21.75	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	21.96	22.27	21.85	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	21.96	22.22	21.81	22.50

N25				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
				1860	1882.5	1905	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.06	22.27	22.08	22.50
		1	53	21.99	21.94	21.74	22.50
		1	104	22.00	22.12	21.88	22.50
		50	0	22.01	22.13	21.79	22.50
		50	28	22.29	22.35	21.98	22.50
		50	56	22.28	22.37	22.09	22.50
		100	0	21.89	22.12	21.79	22.50
	DFT-s-OFDM QPSK	1	1	22.18	22.41	22.10	22.50
		1	53	21.89	22.15	21.69	22.50
		1	104	22.18	22.29	22.16	22.50
		50	0	21.88	22.39	22.01	22.50
		50	28	22.24	22.24	22.28	22.50
		50	56	22.05	22.34	21.95	22.50
		100	0	21.76	22.25	22.02	22.50
	DFT-s-OFDM 16QAM	1	1	22.11	22.36	22.05	22.50
	DFT-s-OFDM 64QAM	1	1	22.02	22.32	21.97	22.50
	DFT-s-OFDM 256QAM	1	1	21.09	21.43	20.93	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
20MHz	CP-OFDM QPSK	1	1	22.04	22.44	21.93	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	21.99	22.38	22.04	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	22.09	22.35	21.99	22.50

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N77	Conducted Power(dBm)
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SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.34	/	25.00
		1	137	/	24.42	/	25.00
		1	271	/	23.86	/	25.00
		135	0	/	24.46	/	25.00
		135	69	/	24.46	/	25.00
		135	138	/	24.35	/	25.00
		270	0	/	24.28	/	25.00
	DFT-s-OFDM QPSK	1	1	/	24.69	/	25.00
		1	137	/	24.65	/	25.00
		1	271	/	24.64	/	25.00
		135	0	/	24.42	/	25.00
		135	69	/	23.06	/	25.00
		135	138	/	24.13	/	25.00
		270	0	/	24.23	/	25.00
	DFT-s-OFDM 16QAM	1	1	/	24.34	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	23.70	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	22.24	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.22	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.24	24.18	24.25	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.15	24.32	24.11	25.00

Ant4

N77				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB	Channel	Channel	Channel	Tune up

			offset	650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.18	23.88	23.38	25.00
		1	137	23.30	23.78	23.35	25.00
		1	271	23.21	23.87	23.54	25.00
		135	0	23.27	23.65	23.35	25.00
		135	69	23.32	23.91	23.70	25.00
		135	138	23.22	23.63	23.26	25.00
		270	0	23.11	23.57	23.35	25.00
	DFT-s-OFDM QPSK	1	1	23.67	24.29	23.34	25.00
		1	137	23.52	23.99	23.20	25.00
		1	271	23.65	24.16	23.24	25.00
		135	0	23.62	24.00	23.12	25.00
		135	69	23.42	23.96	23.29	25.00
		135	138	23.47	23.21	23.17	25.00
		270	0	23.71	23.38	23.07	25.00
	DFT-s-OFDM 16QAM	1	1	23.81	24.19	23.33	25.00
	DFT-s-OFDM 64QAM	1	1	22.94	23.23	22.23	24.00
	DFT-s-OFDM 256QAM	1	1	21.32	21.45	20.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	22.28	22.43	21.87	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	24.24	24.19	24.06	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	24.15	24.20	24.12	26.00

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N78				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	

100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.28	/	25.00
		1	137	/	24.12	/	25.00
		1	271	/	24.38	/	25.00
		135	0	/	24.10	/	25.00
		135	69	/	24.37	/	25.00
		135	138	/	24.22	/	25.00
		270	0	/	24.35	/	25.00
	DFT-s-OFDM QPSK	1	1	/	24.57	/	25.00
		1	137	/	24.30	/	25.00
		1	271	/	24.31	/	25.00
		135	0	/	24.40	/	25.00
		135	69	/	24.29	/	25.00
		135	138	/	24.36	/	25.00
		270	0	/	24.19	/	25.00
	DFT-s-OFDM 16QAM	1	1	/	24.39	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	23.28	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	22.18	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		23.22		23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.55	24.32	24.33	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.37	24.12	24.30	25.00

Ant4

N78				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM	1	1	/	23.78	/	25.00
	PI/2 BPSK	1	137	/	23.72	/	25.00

		1	271	/	23.62	/	25.00
		135	0	/	23.68	/	25.00
		135	69	/	23.44	/	25.00
		135	138	/	23.44	/	25.00
		270	0	/	23.59	/	25.00
	DFT-s-OFDM QPSK	1	1	/	24.15	/	25.00
		1	137	/	23.85	/	25.00
		1	271	/	23.69	/	25.00
		135	0	/	23.89	/	25.00
		135	69	/	23.86	/	25.00
		135	138	/	23.54	/	25.00
		270	0	/	23.37	/	25.00
	DFT-s-OFDM 16QAM	1	1	/	24.13	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	22.98	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	21.30	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.54	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	23.93	23.75	23.96	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	23.96	23.87	23.92	25.00

Ant0

N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
				1720	1745	1770	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.83	21.99	21.83	22.50
		1	53	21.66	21.75	21.63	22.50
		1	104	21.88	21.82	21.76	22.50
		50	0	21.58	21.82	21.61	22.50

		50	28	21.89	21.91	21.98	22.50
		50	56	21.75	21.89	21.58	22.50
		100	0	21.60	21.77	21.63	22.50
	DFT-s-OFDM QPSK	1	1	21.92	22.05	21.86	22.50
		1	53	21.75	21.96	21.64	22.50
		1	104	21.83	22.02	21.95	22.50
		50	0	21.60	21.86	21.82	22.50
		50	28	21.72	21.78	21.80	22.50
		50	56	21.84	21.82	21.48	22.50
		100	0	21.66	21.69	21.55	22.50
	DFT-s-OFDM 16QAM	1	1	21.67	21.90	21.63	22.50
	DFT-s-OFDM 64QAM	1	1	21.71	22.01	21.78	22.50
	DFT-s-OFDM 256QAM	1	1	20.65	20.49	20.24	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	CP-OFDM QPSK	1	1	21.51	21.57	21.49	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					349000		
15MHz	DFT-s-OFDM QPSK	1	1	21.81	21.98	21.77	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					349000		
5MHz	DFT-s-OFDM QPSK	1	1	21.77	22.08	21.81	22.50

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N38				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.61	23.79	23.81	24.00
		1	108	23.75	23.58	23.60	24.00
		1	214	23.59	23.69	23.58	24.00
		108	0	23.63	23.55	23.62	24.00

		108	54	23.73	23.55	23.43	24.00
		108	108	23.56	23.52	23.41	24.00
		216	0	23.58	23.36	23.64	24.00
	DFT-s-OFDM QPSK	1	1	23.72	23.83	23.71	24.00
		1	108	23.42	23.64	23.52	24.00
		1	214	23.66	23.59	23.72	24.00
		108	0	23.30	23.72	23.70	24.00
		108	54	23.62	23.57	23.53	24.00
		108	108	23.56	23.71	23.46	24.00
		216	0	23.57	23.65	23.49	24.00
	DFT-s-OFDM 16QAM	1	1	23.34	23.74	23.61	24.00
	DFT-s-OFDM 64QAM	1	1	23.14	23.46	23.20	23.50
	DFT-s-OFDM 256QAM	1	1	21.73	21.92	21.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	22.51	22.84	22.70	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.55	23.63	23.59	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.60	23.55	23.53	24.00

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N41				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.65	23.46	23.74	23.75	23.38	24.00
		1	137	23.61	23.32	23.70	23.46	23.18	24.00
		1	271	23.24	23.09	23.30	23.04	23.38	24.00
		135	0	23.40	23.50	23.63	23.46	23.33	24.00
		135	69	23.78	23.08	23.33	22.94	23.18	24.00
		135	138	23.53	23.49	23.68	23.56	23.14	24.00

		270	0	23.46	23.51	23.70	23.68	23.50	24.00
	DFT-s-OFDM QPSK	1	1	23.59	23.87	23.90	23.75	23.46	24.00
		1	137	23.34	23.62	23.89	23.59	23.24	24.00
		1	271	23.27	23.00	23.30	22.96	23.22	24.00
		135	0	23.44	23.59	23.86	23.55	23.18	24.00
		135	69	23.32	23.20	23.21	22.99	23.24	24.00
		135	138	23.57	23.70	23.79	23.53	23.38	24.00
		270	0	23.39	23.73	23.82	23.43	23.23	24.00
	DFT-s-OFDM 16QAM	1	1	23.86	23.82	23.71	23.54	23.42	24.00
	DFT-s-OFDM 64QAM	1	1	23.30	23.31	23.45	23.26	23.07	23.50
	DFT-s-OFDM 256QAM	1	1	21.73	21.96	21.85	21.87	21.41	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.81	22.88	22.93	22.81	22.41	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.60	23.47	23.84	23.56	23.29	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.65	23.51	23.86	23.51	23.34	24.00

Hotspot Power:

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GSM 1900										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	22.72	22.68	22.38	23.50	-9.03	13.69	13.65	13.35	14.47
GPRS/EGPRS (GMSK)	1 TX Slot	21.94	22.38	22.18	23.50	-9.03	12.91	13.35	13.15	14.47
	2 TX Slots	19.98	20.30	21.05	21.50	-6.02	13.96	14.28	15.03	15.48
	3 TX Slots	19.47	20.48	20.33	20.50	-4.26	15.21	16.22	16.07	16.24
	4 TX Slots	17.04	17.90	17.80	18.50	-3.01	14.03	14.89	14.79	15.49
EGPRS(8PSK)	1 TX Slot	17.34	18.35	18.15	18.50	-9.03	8.31	9.32	9.12	9.47
	2 TX Slots	17.22	18.19	18.19	18.50	-6.02	11.2	12.17	12.17	12.48
	3 TX Slots	15.15	16.18	16.03	16.50	-4.26	10.89	11.92	11.77	12.24
	4 TX Slots	12.99	14.16	13.97	14.50	-3.01	9.98	11.15	10.96	11.49

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WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.57	22.72	22.44	23.00
HSDPA	Subtest 1	21.74	21.52	21.62	22.00
	Subtest 2	21.40	21.75	21.63	22.00
	Subtest 3	20.92	21.15	21.10	21.50
	Subtest 4	21.16	21.12	21.36	21.50
HSUPA	Subtest 1	21.56	21.63	21.52	22.00
	Subtest 2	19.59	19.47	19.68	20.00
	Subtest 3	20.40	20.42	20.74	21.00
	Subtest 4	19.48	19.74	19.61	20.00
	Subtest 5	21.39	21.50	21.55	22.00

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WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.57	22.72	22.44	23.00
HSDPA	Subtest 1	21.74	21.52	21.62	22.00
	Subtest 2	21.40	21.75	21.63	22.00
	Subtest 3	20.92	21.15	21.10	21.50
	Subtest 4	21.16	21.12	21.36	21.50

HSUPA	Subtest 1	21.56	21.63	21.52	22.00
	Subtest 2	19.59	19.47	19.68	20.00
	Subtest 3	20.40	20.42	20.74	21.00
	Subtest 4	19.48	19.74	19.61	20.00
	Subtest 5	21.39	21.50	21.55	22.00

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WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.49	20.62	20.56	21.00
HSDPA	Subtest 1	19.47	19.72	19.57	20.00
	Subtest 2	19.53	19.49	19.50	20.00
	Subtest 3	19.11	19.12	19.20	19.50
	Subtest 4	19.28	19.16	19.00	19.50
HSUPA	Subtest 1	19.56	19.71	19.68	20.00
	Subtest 2	17.52	17.59	17.61	18.00
	Subtest 3	18.66	18.56	18.63	19.00
	Subtest 4	17.49	17.60	17.65	18.00
	Subtest 5	19.42	19.32	19.25	20.00

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LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.89	18.24	17.87	18.50
		1	2	17.93	17.92	17.75	18.50
		1	5	17.71	17.82	17.74	18.50
		3	0	17.59	17.90	17.72	18.50
		3	2	17.86	17.79	17.55	18.50
		3	3	17.48	17.54	17.46	18.50
		6	0	17.74	18.05	17.82	18.50
	16QAM	1	0	17.72	17.82	17.65	18.50
		1	2	17.49	17.72	17.41	18.50
		1	5	17.81	17.92	17.56	18.50
		3	0	17.64	17.60	17.57	18.50
		3	2	17.65	18.08	17.79	18.50
		3	3	17.70	17.62	17.45	18.50
		6	0	17.54	17.62	17.28	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	17.89	18.25	17.94	18.50
		1	7	18.04	17.95	17.71	18.50
		1	14	17.67	17.95	17.62	18.50
		8	0	17.59	17.81	17.64	18.50
		8	4	17.94	17.93	17.54	18.50
		8	7	17.47	17.67	17.37	18.50
		15	0	17.82	18.10	17.65	18.50
	16QAM	1	0	17.75	17.67	17.64	18.50
		1	7	17.51	17.73	17.41	18.50
		1	14	17.88	17.96	17.63	18.50
		8	0	17.78	17.75	17.57	18.50
		8	4	17.65	18.03	17.85	18.50
		8	7	17.80	17.55	17.63	18.50
		15	0	17.54	17.78	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	17.87	18.11	18.03	18.50
		1	13	18.08	17.84	17.67	18.50
		1	24	17.81	17.90	17.61	18.50
		12	0	17.52	17.82	17.76	18.50
		12	6	18.00	17.85	17.57	18.50
		12	13	17.46	17.56	17.51	18.50
		25	0	17.72	18.15	17.69	18.50
	16QAM	1	0	17.76	17.79	17.54	18.50
		1	13	17.49	17.68	17.55	18.50
		1	24	17.76	18.02	17.73	18.50
		12	0	17.78	17.66	17.57	18.50
		12	6	17.63	18.08	17.86	18.50
		12	13	17.82	17.53	17.44	18.50
		25	0	17.61	17.72	17.46	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.83	18.12	18.00	18.50
		1	25	18.01	17.85	17.72	18.50
		1	49	17.78	17.91	17.65	18.50
		25	0	17.50	17.85	17.62	18.50
		25	13	17.96	17.92	17.55	18.50
		25	25	17.45	17.68	17.38	18.50
		50	0	17.85	18.07	17.75	18.50

	16QAM	1	0	17.74	17.66	17.56	18.50
		1	25	17.58	17.72	17.46	18.50
		1	49	17.87	18.00	17.71	18.50
		25	0	17.81	17.67	17.64	18.50
		25	13	17.57	18.13	17.88	18.50
		25	25	17.84	17.71	17.48	18.50
		50	0	17.70	17.64	17.40	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.95	18.22	17.91	18.50
		1	38	17.95	17.88	17.78	18.50
		1	74	17.69	17.88	17.63	18.50
		36	0	17.51	17.98	17.80	18.50
		36	18	17.89	17.91	17.46	18.50
		36	39	17.51	17.64	17.51	18.50
		75	0	17.81	18.03	17.63	18.50
	16QAM	1	0	17.78	17.73	17.56	18.50
		1	38	17.48	17.67	17.57	18.50
		1	74	17.83	18.05	17.57	18.50
		36	0	17.75	17.74	17.60	18.50
		36	18	17.73	18.11	17.89	18.50
		36	39	17.83	17.62	17.54	18.50
		75	0	17.69	17.80	17.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.04	18.33	18.09	18.50
		1	50	18.14	18.06	17.85	18.50
		1	99	17.87	17.99	17.80	18.50
		50	0	17.72	18.05	17.82	18.50
		50	25	18.01	17.95	17.63	18.50
		50	50	17.62	17.76	17.55	18.50
		100	0	17.87	18.23	17.85	18.50
	16QAM	1	0	17.86	17.85	17.73	18.50
		1	50	17.60	17.82	17.62	18.50
		1	99	17.96	18.13	17.77	18.50
		50	0	17.85	17.78	17.74	18.50
		50	25	17.77	18.19	17.99	18.50
		50	50	17.92	17.74	17.65	18.50
		100	0	17.72	17.83	17.50	18.50

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.73	20.97	20.52	21.50
		1	2	20.78	20.52	20.42	21.50
		1	5	20.23	20.61	20.27	21.50
		3	0	20.63	20.75	20.64	21.50
		3	2	20.62	20.32	20.76	21.50
		3	3	20.23	20.30	20.57	21.50
		6	0	20.43	20.47	20.26	21.50
	16QAM	1	0	20.77	20.94	20.44	21.50
		1	2	20.45	20.84	20.52	21.50
		1	5	20.97	20.95	20.58	21.50
		3	0	20.46	20.38	20.81	21.50
		3	2	20.46	20.41	20.48	21.50
		3	3	20.57	20.65	20.52	21.50
		6	0	20.65	20.35	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.66	20.87	20.63	21.50
		1	7	20.65	20.34	20.43	21.50
		1	14	20.30	20.53	20.14	21.50
		8	0	20.58	20.84	20.65	21.50
		8	4	20.60	20.40	20.71	21.50
		8	7	20.22	20.43	20.47	21.50
		15	0	20.54	20.49	20.26	21.50
	16QAM	1	0	20.81	20.90	20.53	21.50
		1	7	20.67	20.64	20.50	21.50
		1	14	20.88	20.85	20.53	21.50
		8	0	20.59	20.46	20.60	21.50
		8	4	20.37	20.44	20.53	21.50
		8	7	20.40	20.64	20.58	21.50
		15	0	20.65	20.40	20.48	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.82	20.88	20.65	21.50
		1	13	20.63	20.53	20.42	21.50
		1	24	20.18	20.60	20.21	21.50
		12	0	20.60	20.80	20.69	21.50
		12	6	20.52	20.43	20.72	21.50

		12	13	20.33	20.44	20.57	21.50
		25	0	20.56	20.64	20.24	21.50
	16QAM	1	0	20.84	20.77	20.54	21.50
		1	13	20.68	20.69	20.56	21.50
		1	24	20.76	20.97	20.69	21.50
		12	0	20.55	20.48	20.61	21.50
		12	6	20.56	20.42	20.68	21.50
		12	13	20.62	20.51	20.39	21.50
		25	0	20.60	20.49	20.44	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.69	20.95	20.67	21.50
		1	25	20.71	20.31	20.45	21.50
		1	49	20.28	20.58	20.15	21.50
		25	0	20.56	20.88	20.79	21.50
		25	13	20.51	20.28	20.71	21.50
		25	25	20.20	20.35	20.44	21.50
		50	0	20.46	20.48	20.27	21.50
	16QAM	1	0	20.86	20.86	20.37	21.50
		1	25	20.49	20.69	20.41	21.50
		1	49	20.98	20.83	20.53	21.50
		25	0	20.61	20.33	20.81	21.50
		25	13	20.47	20.28	20.65	21.50
		25	25	20.59	20.55	20.51	21.50
		50	0	20.62	20.37	20.47	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.77	20.83	20.57	21.50
		1	38	20.74	20.34	20.37	21.50
		1	74	20.13	20.66	20.16	21.50
		36	0	20.61	20.81	20.70	21.50
		36	18	20.64	20.22	20.54	21.50
		36	39	20.22	20.43	20.58	21.50
		75	0	20.53	20.46	20.27	21.50
	16QAM	1	0	20.87	20.98	20.55	21.50
		1	38	20.57	20.80	20.55	21.50
		1	74	20.90	20.86	20.54	21.50
		36	0	20.52	20.33	20.67	21.50
		36	18	20.57	20.38	20.62	21.50
		36	39	20.46	20.67	20.50	21.50
		75	0	20.70	20.43	20.32	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.94	21.09	20.76	21.50
		1	50	20.90	20.62	20.54	21.50
		1	99	20.41	20.81	20.44	21.50
		50	0	20.80	21.01	20.90	21.50
		50	25	20.74	20.54	20.85	21.50
		50	50	20.48	20.60	20.69	21.50
		100	0	20.73	20.78	20.45	21.50
	16QAM	1	0	20.97	21.09	20.68	21.50
		1	50	20.77	20.94	20.72	21.50
		1	99	21.08	21.13	20.83	21.50
		50	0	20.78	20.57	20.90	21.50
		50	25	20.66	20.53	20.79	21.50
		50	50	20.71	20.82	20.69	21.50
		100	0	20.88	20.62	20.62	21.50

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LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.22	19.32	19.21	20.00
		1	2	19.24	19.19	19.24	20.00
		1	5	19.10	19.30	19.18	20.00
		3	0	19.07	19.04	19.08	20.00
		3	2	19.05	19.10	19.00	20.00
		3	3	18.93	19.05	19.23	20.00
		6	0	19.07	19.17	19.09	20.00
	16QAM	1	0	19.05	19.06	19.01	20.00
		1	2	18.90	19.01	19.09	20.00
		1	5	19.07	19.20	19.00	20.00
		3	0	19.07	19.07	18.99	20.00
		3	2	18.95	19.09	19.14	20.00
		3	3	18.90	19.12	18.84	20.00
		6	0	18.93	19.14	19.05	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.13	19.39	19.14	20.00
		1	7	19.33	19.20	19.15	20.00
		1	14	19.02	19.16	19.17	20.00

		8	0	19.01	19.09	19.08	20.00
		8	4	19.05	19.13	18.96	20.00
		8	7	18.92	19.09	19.10	20.00
		15	0	19.05	19.18	19.12	20.00
	16QAM	1	0	19.07	19.06	19.00	20.00
		1	7	18.86	18.85	19.03	20.00
		1	14	19.03	19.10	19.19	20.00
		8	0	18.98	19.06	19.08	20.00
		8	4	19.09	19.22	19.03	20.00
		8	7	18.88	19.25	18.95	20.00
		15	0	18.87	19.13	19.14	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.24	19.33	19.03	20.00
		1	13	19.33	19.27	19.29	20.00
		1	24	19.05	19.27	19.12	20.00
		12	0	18.96	19.21	19.15	20.00
		12	6	19.19	19.01	19.03	20.00
		12	13	19.04	19.05	19.11	20.00
		25	0	19.07	19.09	19.14	20.00
	16QAM	1	0	19.14	19.11	19.05	20.00
		1	13	18.94	18.97	19.04	20.00
		1	24	18.95	19.14	19.09	20.00
		12	0	19.11	19.19	19.11	20.00
		12	6	19.09	19.25	19.01	20.00
		12	13	19.06	19.12	18.99	20.00
		25	0	18.92	19.01	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.17	19.40	19.13	20.00
		1	25	19.23	19.21	19.22	20.00
		1	49	19.18	19.28	19.15	20.00
		25	0	18.93	19.06	19.13	20.00
		25	13	19.19	19.03	19.04	20.00
		25	25	18.98	18.98	19.10	20.00
		50	0	19.17	19.28	19.15	20.00
	16QAM	1	0	19.13	19.24	18.95	20.00
		1	25	18.78	19.02	19.11	20.00
		1	49	18.92	19.07	19.06	20.00
		25	0	19.08	19.15	19.14	20.00
		25	13	18.97	19.11	18.99	20.00

		25	25	19.01	19.19	18.98	20.00
		50	0	18.91	19.05	19.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.18	19.33	19.17	20.00
		1	38	19.28	19.25	19.22	20.00
		1	74	19.06	19.20	19.10	20.00
		36	0	18.92	19.07	19.02	20.00
		36	18	19.12	19.14	18.92	20.00
		36	39	18.91	19.14	19.15	20.00
		75	0	19.23	19.08	19.14	20.00
	16QAM	1	0	19.01	19.19	19.07	20.00
		1	38	18.80	18.99	19.18	20.00
		1	74	18.90	19.15	19.01	20.00
		36	0	19.11	19.07	19.14	20.00
		36	18	19.11	19.10	19.09	20.00
		36	39	18.91	19.14	18.97	20.00
		75	0	18.88	19.08	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.30	19.47	19.28	20.00
		1	50	19.41	19.37	19.36	20.00
		1	99	19.26	19.41	19.31	20.00
		50	0	19.14	19.31	19.21	20.00
		50	25	19.28	19.25	19.09	20.00
		50	50	19.10	19.19	19.25	20.00
		100	0	19.30	19.33	19.20	20.00
	16QAM	1	0	19.20	19.30	19.16	20.00
		1	50	19.03	19.10	19.27	20.00
		1	99	19.13	19.31	19.24	20.00
		50	0	19.21	19.30	19.23	20.00
		50	25	19.18	19.33	19.23	20.00
		50	50	19.12	19.32	19.06	20.00
		100	0	19.09	19.21	19.27	20.00

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LTE Band 38				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				37775	38000	38225	
5MHz	QPSK	1	0	24.56	24.91	24.13	25.50

		1	13	24.57	24.62	24.53	25.50
		1	24	24.64	24.47	24.68	25.50
		12	0	23.55	23.58	23.71	24.50
		12	6	23.64	23.62	23.66	24.50
		12	13	23.49	23.66	23.67	24.50
		25	0	23.62	23.71	23.46	24.50
	16QAM	1	0	23.84	23.96	23.74	24.50
		1	13	23.8	24.02	23.97	24.50
		1	24	24.19	24.37	23.99	24.50
		12	0	22.52	22.41	22.65	23.50
		12	6	22.44	22.54	22.41	23.50
		12	13	22.61	22.79	22.7	23.50
		25	0	22.6	22.66	22.58	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	24.6	24.79	24.27	25.50
		1	25	24.47	24.54	24.54	25.50
		1	49	24.68	24.49	24.4	25.50
		25	0	23.36	23.68	23.57	24.50
		25	13	23.48	23.87	23.43	24.50
		25	25	23.52	23.63	23.65	24.50
		50	0	23.57	23.62	23.55	24.50
	16QAM	1	0	24.02	24.05	23.61	24.50
		1	25	23.81	23.93	23.99	24.50
		1	49	24.29	24.12	24.1	24.50
		25	0	22.43	22.5	22.61	23.50
		25	13	22.3	22.52	22.63	23.50
		25	25	22.58	22.81	22.57	23.50
		50	0	22.5	22.44	22.84	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	24.39	24.82	24.26	25.50
		1	38	24.62	24.54	24.7	25.50
		1	74	24.68	24.58	24.46	25.50
		36	0	23.4	23.57	23.55	24.50
		36	18	23.66	23.7	23.45	24.50
		36	39	23.56	23.74	23.61	24.50
		75	0	23.64	23.61	23.54	24.50
	16QAM	1	0	24.1	24.07	23.5	24.50
		1	38	23.87	23.93	23.97	24.50
		1	74	24.13	24.26	24	24.50

		36	0	22.59	22.48	22.73	23.50
		36	18	22.31	22.54	22.64	23.50
		36	39	22.59	22.93	22.64	23.50
		75	0	22.67	22.52	22.71	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.71	23.87	23.44	24.50
		1	50	23.84	23.75	23.7	24.50
		1	99	23.79	23.64	23.79	24.50
		50	0	22.61	22.98	22.75	23.50
		50	25	22.86	22.74	22.71	23.50
		50	50	22.74	22.81	22.88	23.50
		100	0	22.85	22.86	22.68	23.50
	16QAM	1	0	23.2	23.29	22.88	23.50
		1	50	23.02	23.3	23	23.50
		1	99	23.32	23.54	23.35	23.50
		50	0	21.74	21.77	21.92	22.50
		50	25	21.61	21.67	21.84	22.50
		50	50	21.81	21.81	22	22.50
		100	0	21.71	21.85	21.83	22.50

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LTE Band 25				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	18.03	18.33	17.95	18.50
		1	2	18.15	18.24	17.95	18.50
		1	5	17.88	18.17	17.74	18.50
		3	0	17.61	17.93	17.74	18.50
		3	2	18.09	17.94	17.50	18.50
		3	3	17.67	17.82	17.63	18.50
		6	0	17.81	18.17	17.85	18.50
	16QAM	1	0	17.85	17.66	17.77	18.50
		1	2	17.57	17.89	17.56	18.50
		1	5	18.03	18.23	17.80	18.50
		3	0	17.87	17.64	17.79	18.50
		3	2	17.92	18.13	18.07	18.50
		3	3	18.04	17.73	17.65	18.50
		6	0	17.68	17.85	17.57	18.50
Bandwidth	Modulation	RB size	RB	Channel	Channel	Channel	Tune up

			offset	26055	26365	26675	
3MHz	QPSK	1	0	18.06	18.27	18.10	18.50
		1	7	18.17	18.08	17.94	18.50
		1	14	17.94	18.02	17.86	18.50
		8	0	17.68	17.93	17.79	18.50
		8	4	18.12	18.00	17.59	18.50
		8	7	17.69	17.90	17.62	18.50
		15	0	17.91	18.16	17.71	18.50
	16QAM	1	0	17.86	17.73	17.69	18.50
		1	7	17.77	17.93	17.76	18.50
		1	14	18.09	18.18	17.69	18.50
		8	0	17.79	17.63	17.86	18.50
		8	4	17.94	18.13	18.19	18.50
		8	7	18.01	17.74	17.60	18.50
		15	0	17.80	17.98	17.68	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	18.20	18.23	17.89	18.50
		1	13	18.22	18.17	17.88	18.50
		1	24	18.04	18.11	17.77	18.50
		12	0	17.73	18.05	17.83	18.50
		12	6	18.12	18.11	17.63	18.50
		12	13	17.61	17.87	17.54	18.50
		25	0	17.70	18.23	17.87	18.50
	16QAM	1	0	17.88	17.70	17.77	18.50
		1	13	17.56	17.86	17.69	18.50
		1	24	18.15	18.23	17.73	18.50
		12	0	17.75	17.61	17.75	18.50
		12	6	17.74	18.10	18.04	18.50
		12	13	18.04	17.77	17.74	18.50
		25	0	17.80	17.86	17.70	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	18.11	18.32	17.97	18.50
		1	25	18.23	18.19	17.99	18.50
		1	49	17.93	17.96	17.80	18.50
		25	0	17.74	17.95	17.83	18.50
		25	13	18.11	18.05	17.43	18.50
		25	25	17.47	17.69	17.62	18.50
		50	0	17.80	18.08	17.72	18.50
	16QAM	1	0	17.67	17.87	17.70	18.50

		1	25	17.58	17.91	17.74	18.50
		1	49	18.05	18.23	17.76	18.50
		25	0	17.83	17.59	17.71	18.50
		25	13	17.88	18.17	18.11	18.50
		25	25	18.01	17.72	17.52	18.50
		50	0	17.72	17.84	17.59	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	18.24	18.40	17.93	18.50
		1	38	18.29	18.10	17.83	18.50
		1	74	17.96	18.08	17.85	18.50
		36	0	17.69	18.16	17.69	18.50
		36	18	18.11	17.98	17.48	18.50
		36	39	17.64	17.69	17.48	18.50
		75	0	17.70	18.19	17.71	18.50
	16QAM	1	0	17.86	17.79	17.78	18.50
		1	38	17.59	17.89	17.61	18.50
		1	74	18.09	18.09	17.73	18.50
		36	0	17.85	17.80	17.73	18.50
		36	18	17.79	18.18	18.16	18.50
		36	39	17.88	17.74	17.61	18.50
		75	0	17.70	17.87	17.70	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	18.28	18.43	18.15	18.50
		1	50	18.34	18.28	18.04	18.50
		1	99	18.09	18.22	18.01	18.50
		50	0	17.81	18.28	17.92	18.50
		50	25	18.18	18.18	17.69	18.50
		50	50	17.74	17.94	17.70	18.50
		100	0	17.94	18.31	17.96	18.50
	16QAM	1	0	17.94	17.92	17.85	18.50
		1	50	17.82	18.02	17.80	18.50
		1	99	18.21	18.32	17.85	18.50
		50	0	17.98	17.86	17.96	18.50
		50	25	17.99	18.33	18.23	18.50
		50	50	18.13	17.97	17.79	18.50
		100	0	17.90	18.04	17.74	18.50

LTE Band 41				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	22.79	23.59	23.77	23.63	22.94	24.50
		1	13	22.92	23.72	23.74	23.44	22.97	24.50
		1	24	22.82	22.74	23.24	23.22	22.93	24.00
		12	0	22.10	22.40	22.96	22.62	21.95	23.50
		12	6	22.05	22.89	22.96	22.56	22.18	23.50
		12	13	22.06	22.85	22.92	22.82	22.02	23.50
		25	0	22.04	22.59	22.80	22.55	22.28	23.50
	16QAM	1	0	22.47	22.82	23.13	22.82	22.32	23.50
		1	13	22.15	22.75	22.99	22.96	22.28	23.50
		1	24	22.39	22.12	22.21	22.03	22.49	23.50
		12	0	21.11	21.67	21.89	21.71	21.04	22.50
		12	6	21.02	21.69	21.95	21.67	21.20	22.50
		12	13	21.18	21.89	22.19	21.87	21.20	22.50
		25	0	20.86	21.66	21.84	21.82	21.10	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	22.74	23.52	23.78	23.68	22.98	24.50
		1	25	22.90	23.83	23.86	23.35	22.88	24.50
		1	49	22.81	22.91	23.08	23.33	22.95	24.00
		25	0	22.08	22.49	22.99	22.62	22.01	23.50
		25	13	22.03	22.97	22.89	22.45	22.16	23.50
		25	25	22.05	22.72	23.02	22.82	22.22	23.50
		50	0	22.15	22.63	22.84	22.52	22.19	23.50
	16QAM	1	0	22.51	22.87	23.07	22.85	22.30	23.50
		1	25	22.17	22.96	23.16	22.87	22.33	23.50
		1	49	22.43	22.13	22.12	21.95	22.60	23.50
		25	0	20.95	21.70	21.75	21.86	21.03	22.50
		25	13	20.96	21.69	21.98	21.57	21.09	22.50
		25	25	21.16	21.77	22.16	21.79	21.07	22.50
		50	0	20.89	21.78	21.87	21.78	21.23	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	22.90	23.61	23.95	23.68	22.94	24.50
		1	38	22.81	23.85	23.87	23.50	23.04	24.50
		1	74	22.72	22.85	23.22	23.11	23.03	24.00
		36	0	21.95	22.41	23.04	22.45	21.94	23.50

		36	18	21.95	22.94	22.80	22.44	22.11	23.50
		36	39	21.99	22.82	22.91	22.71	22.21	23.50
		75	0	22.21	22.77	22.91	22.74	22.37	23.50
	16QAM	1	0	22.30	22.80	23.08	22.89	22.35	23.50
		1	38	22.31	22.81	23.00	22.99	22.30	23.50
		1	74	22.23	21.98	22.07	22.09	22.64	23.50
		36	0	21.12	21.70	21.70	21.81	21.12	22.50
		36	18	20.97	21.82	21.96	21.78	21.17	22.50
		36	39	21.11	21.85	22.08	21.82	21.24	22.50
		75	0	21.04	21.75	21.98	21.87	21.26	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.03	23.82	24.06	23.80	23.22	24.50
		1	50	23.04	23.94	24.01	23.61	23.18	24.50
		1	99	23.00	23.03	23.37	23.41	23.23	24.00
		50	0	22.21	22.72	23.16	22.71	22.23	23.50
		50	25	22.21	23.11	23.11	22.66	22.38	23.50
		50	50	22.23	22.95	23.14	23.02	22.31	23.50
		100	0	22.31	22.89	23.00	22.83	22.48	23.50
	16QAM	1	0	22.60	23.00	23.36	23.13	22.57	23.50
		1	50	22.46	23.06	23.27	23.16	22.59	23.50
		1	99	22.52	22.21	22.29	22.19	22.74	23.50
		50	0	21.22	21.79	21.99	22.01	21.22	22.50
		50	25	21.21	22.00	22.07	21.88	21.35	22.50
		50	50	21.27	22.03	22.28	22.10	21.38	22.50
		100	0	21.18	21.93	22.09	22.03	21.38	22.50

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LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.33	19.60	19.11	20.00
		1	2	19.38	19.34	19.35	20.00
		1	5	19.04	19.41	19.31	20.00
		3	0	19.18	19.42	19.04	20.00
		3	1	19.22	19.22	18.94	20.00
		3	3	19.03	19.19	19.20	20.00
		6	0	19.27	19.39	19.25	20.00
	16QAM	1	0	19.14	19.34	19.26	20.00
		1	2	18.94	19.01	19.05	20.00

		1	5	19.11	19.22	19.13	20.00
		3	0	19.22	19.30	19.12	20.00
		3	1	18.99	19.29	19.17	20.00
		3	3	19.20	19.29	18.88	20.00
		6	0	19.03	19.15	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.40	19.42	19.20	20.00
		1	7	19.47	19.38	19.24	20.00
		1	14	19.16	19.25	19.29	20.00
		8	0	19.32	19.27	18.96	20.00
		8	4	19.28	19.14	19.00	20.00
		8	7	19.09	19.16	19.18	20.00
		15	0	19.28	19.37	19.16	20.00
	16QAM	1	0	19.14	19.32	19.21	20.00
		1	7	18.90	18.92	19.09	20.00
		1	14	19.18	19.33	19.29	20.00
		8	0	19.05	19.35	19.15	20.00
		8	4	19.10	19.31	19.31	20.00
		8	7	19.14	19.27	18.99	20.00
		15	0	19.17	19.16	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.32	19.41	19.14	20.00
		1	13	19.34	19.32	19.42	20.00
		1	24	19.08	19.40	19.36	20.00
		12	0	19.17	19.40	19.05	20.00
		12	6	19.35	19.18	18.94	20.00
		12	13	19.13	19.14	19.36	20.00
		25	0	19.28	19.26	19.07	20.00
	16QAM	1	0	18.94	19.32	19.23	20.00
		1	13	18.94	18.87	19.06	20.00
		1	24	19.07	19.29	19.17	20.00
		12	0	19.22	19.27	19.11	20.00
		12	6	19.04	19.28	19.31	20.00
		12	13	19.07	19.29	19.03	20.00
		25	0	19.04	19.24	19.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.33	19.43	19.13	20.00
		1	25	19.32	19.31	19.45	20.00

		1	49	19.03	19.34	19.16	20.00
		25	0	19.17	19.35	18.98	20.00
		25	13	19.34	19.17	19.13	20.00
		25	25	19.20	19.20	19.28	20.00
		50	0	19.40	19.27	19.12	20.00
	16QAM	1	0	18.96	19.29	19.21	20.00
		1	25	18.93	18.97	19.15	20.00
		1	49	19.21	19.24	19.34	20.00
		25	0	19.16	19.35	19.17	20.00
		25	13	18.99	19.28	19.28	20.00
		25	25	19.20	19.33	19.03	20.00
		50	0	19.19	19.04	19.35	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.25	19.56	19.31	20.00
		1	38	19.53	19.36	19.34	20.00
		1	74	19.13	19.20	19.24	20.00
		36	0	19.24	19.46	19.04	20.00
		36	18	19.40	19.18	19.01	20.00
		36	39	19.02	19.12	19.20	20.00
		75	0	19.25	19.31	19.26	20.00
	16QAM	1	0	18.97	19.11	19.23	20.00
		1	38	18.98	18.83	19.02	20.00
		1	74	19.05	19.24	19.32	20.00
		36	0	19.22	19.23	19.17	20.00
		36	18	19.05	19.39	19.09	20.00
		36	39	19.07	19.44	18.95	20.00
		75	0	19.09	19.13	19.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.49	19.70	19.43	20.00
		1	50	19.62	19.48	19.55	20.00
		1	99	19.33	19.51	19.47	20.00
		50	0	19.40	19.56	19.24	20.00
		50	25	19.49	19.44	19.23	20.00
		50	50	19.28	19.30	19.45	20.00
		100	0	19.55	19.56	19.36	20.00
	16QAM	1	0	19.23	19.43	19.42	20.00
		1	50	19.15	19.15	19.30	20.00
		1	99	19.31	19.44	19.42	20.00
		50	0	19.36	19.44	19.31	20.00

		50	25	19.25	19.59	19.40	20.00
		50	50	19.38	19.54	19.15	20.00
		100	0	19.35	19.33	19.53	20.00

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LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.79	21.30	21.20	22.00
		1	2	20.91	21.06	20.74	22.00
		1	5	21.06	21.04	21.00	22.00
		3	0	21.05	21.29	20.92	22.00
		3	1	20.87	20.83	21.03	22.00
		3	3	20.79	20.94	21.06	22.00
		6	0	21.04	21.16	20.97	22.00
	16QAM	1	0	21.12	21.15	21.19	22.00
		1	2	21.04	21.20	21.21	22.00
		1	5	21.25	21.15	21.07	22.00
		3	0	21.13	21.07	21.03	22.00
		3	1	21.00	21.22	20.84	22.00
		3	3	21.27	21.14	21.06	22.00
		6	0	21.13	21.23	21.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.87	21.33	21.18	22.00
		1	7	20.97	20.92	20.81	22.00
		1	14	21.05	20.87	21.10	22.00
		8	0	20.90	21.21	20.98	22.00
		8	4	20.86	20.93	21.11	22.00
		8	7	20.86	20.97	21.00	22.00
		15	0	20.96	21.11	20.92	22.00
	16QAM	1	0	21.28	21.27	21.24	22.00
		1	7	21.10	21.30	21.03	22.00
		1	14	21.19	21.12	21.03	22.00
		8	0	21.21	20.97	21.17	22.00
		8	4	21.05	21.06	20.86	22.00
		8	7	21.16	21.15	21.24	22.00
		15	0	21.32	20.99	21.07	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	

5MHz	QPSK	1	0	20.89	21.21	21.21	22.00
		1	13	20.97	21.05	20.97	22.00
		1	24	21.06	20.85	21.18	22.00
		12	0	21.06	21.34	20.85	22.00
		12	6	20.88	20.98	21.02	22.00
		12	13	20.92	21.00	21.05	22.00
		25	0	20.94	21.06	20.87	22.00
	16QAM	1	0	21.26	21.29	21.23	22.00
		1	13	21.15	21.09	21.18	22.00
		1	24	21.23	21.11	21.02	22.00
		12	0	21.08	20.95	21.18	22.00
		12	6	20.97	21.11	20.84	22.00
		12	13	21.13	21.02	21.13	22.00
		25	0	21.24	21.03	21.13	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.81	21.17	21.13	22.00
		1	25	21.11	20.94	20.93	22.00
		1	49	21.10	21.07	21.17	22.00
		25	0	20.99	21.18	20.90	22.00
		25	13	21.03	20.98	20.93	22.00
		25	25	20.91	20.94	21.04	22.00
		50	0	21.01	21.09	20.95	22.00
	16QAM	1	0	21.24	21.13	21.20	22.00
		1	25	21.07	21.28	21.15	22.00
		1	49	21.35	21.16	21.18	22.00
		25	0	21.05	20.87	21.22	22.00
		25	13	21.04	21.16	20.81	22.00
		25	25	21.22	21.15	21.11	22.00
		50	0	21.31	21.14	21.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.84	21.32	21.15	22.00
		1	38	21.13	21.11	20.88	22.00
		1	74	21.04	20.95	21.07	22.00
		36	0	20.89	21.31	20.99	22.00
		36	18	20.90	20.98	20.98	22.00
		36	39	20.98	21.03	21.03	22.00
		75	0	20.92	21.18	21.00	22.00
	16QAM	1	0	21.16	21.22	21.16	22.00
		1	38	21.04	21.18	21.10	22.00

		1	74	21.27	21.13	21.23	22.00
		36	0	21.11	21.04	21.04	22.00
		36	18	21.11	21.21	20.93	22.00
		36	39	21.15	21.05	21.14	22.00
		75	0	21.11	21.22	21.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.05	21.46	21.35	22.00
		1	50	21.22	21.20	21.05	22.00
		1	99	21.19	21.16	21.29	22.00
		50	0	21.18	21.44	21.10	22.00
		50	25	21.16	21.07	21.23	22.00
		50	50	21.11	21.24	21.24	22.00
		100	0	21.24	21.29	21.16	22.00
	16QAM	1	0	21.39	21.41	21.34	22.00
		1	50	21.27	21.38	21.32	22.00
		1	99	21.44	21.30	21.32	22.00
		50	0	21.34	21.16	21.33	22.00
		50	25	21.28	21.33	21.07	22.00
		50	50	21.44	21.24	21.32	22.00
		100	0	21.42	21.31	21.37	22.00

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N2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.50	17.72	17.47	18.00
		1	53	17.27	17.37	17.21	18.00
		1	104	17.24	17.56	17.47	18.00
		50	0	17.17	17.43	17.19	18.00
		50	28	17.63	17.80	17.50	18.00
		50	56	17.54	17.68	17.34	18.00
		100	0	17.48	17.79	17.20	18.00
	DFT-s-OFDM QPSK	1	1	17.64	17.82	17.43	18.00
		1	53	17.38	17.63	17.23	18.00
		1	104	17.40	17.76	17.66	18.00
		50	0	17.45	17.80	17.44	18.00
		50	28	17.64	17.62	17.42	18.00
		50	56	17.42	17.53	17.26	18.00

		100	0	17.19	17.76	17.50	18.00
	DFT-s-OFDM 16QAM	1	1	17.52	17.56	17.39	18.00
	DFT-s-OFDM 64QAM	1	1	17.50	17.53	17.42	18.00
	DFT-s-OFDM 256QAM	1	1	17.60	17.73	17.30	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376000	Channel 380000	Tune up
20MHz	CP-OFDM QPSK	1	1	17.40	17.62	17.33	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 371500	Channel 376000	Channel 380500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.56	17.59	17.35	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376000	Channel 381000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.55	17.72	17.26	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376000	Channel 381500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	17.38	17.72	17.24	18.00

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N25				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
				1860	1882.5	1905	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.76	14.70	14.16	15.00
		1	53	14.41	14.68	14.20	15.00
		1	104	14.20	14.89	14.71	15.00
		50	0	14.52	14.52	14.03	15.00
		50	28	14.54	14.79	14.64	15.00
		50	56	14.57	14.55	13.97	15.00
		100	0	14.37	14.55	14.03	15.00
	DFT-s-OFDM QPSK	1	1	14.75	14.94	14.75	15.00
		1	53	14.51	14.61	14.74	15.00
		1	104	14.07	14.81	14.46	15.00

		50	0	14.68	14.80	14.56	15.00
		50	28	14.55	14.65	14.56	15.00
		50	56	14.49	14.61	14.57	15.00
		100	0	14.70	14.91	14.63	15.00
	DFT-s-OFDM 16QAM	1	1	14.85	14.77	14.71	15.00
	DFT-s-OFDM 64QAM	1	1	14.85	14.80	14.65	15.00
	DFT-s-OFDM 256QAM	1	1	14.72	14.78	14.83	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
20MHz	CP-OFDM QPSK	1	1	14.79	14.83	14.86	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	14.73	14.82	14.73	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	14.66	14.77	14.68	15.00

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N25				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
				1860	1882.5	1905	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.51	23.43	23.17	24.00
		1	53	23.17	23.45	23.09	24.00
		1	104	22.88	23.69	23.50	24.00
		50	0	23.32	23.33	22.62	24.00
		50	28	23.49	23.77	23.57	24.00
		50	56	23.41	23.25	23.09	24.00
		100	0	23.22	23.42	23.00	24.00
	DFT-s-OFDM QPSK	1	1	23.51	23.79	23.43	24.00
		1	53	23.57	23.49	23.72	24.00
		1	104	23.01	23.71	23.23	24.00
		50	0	23.33	23.61	23.37	24.00

		50	28	23.35	23.53	23.36	24.00
		50	56	23.37	23.64	23.29	24.00
		100	0	23.37	23.71	23.53	24.00
	DFT-s-OFDM 16QAM	1	1	23.66	23.66	23.49	24.00
	DFT-s-OFDM 64QAM	1	1	22.66	22.42	22.71	23.00
	DFT-s-OFDM 256QAM	1	1	21.22	20.99	21.02	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 374000	Channel 376500	Channel 379000	Tune up
20MHz	CP-OFDM QPSK	1	1	21.86	22.16	22.10	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 371500	Channel 376500	Channel 381500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.49	23.72	23.39	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376500	Channel 382500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.50	23.49	23.19	25.00

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N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
				1720	1745	1770	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.83	18.99	18.83	19.50
		1	53	18.66	18.75	18.63	19.50
		1	104	18.88	18.82	18.76	19.50
		50	0	18.58	18.82	18.61	19.50
		50	28	18.89	18.91	18.98	19.50
		50	56	18.75	18.89	18.58	19.50
		100	0	18.60	18.77	18.63	19.50
	DFT-s-OFDM QPSK	1	1	18.92	19.05	18.86	19.50
		1	53	18.75	18.96	18.64	19.50
		1	104	18.83	19.02	18.95	19.50
		50	0	18.60	18.86	18.76	19.50
		50	28	18.85	18.76	18.80	19.50

		50	56	18.84	18.82	18.48	19.50
		100	0	18.66	18.69	18.55	19.50
	DFT-s-OFDM 16QAM	1	1	18.67	18.90	18.63	19.50
	DFT-s-OFDM 64QAM	1	1	18.71	19.01	18.78	19.50
	DFT-s-OFDM 256QAM	1	1	18.81	18.99	18.74	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	CP-OFDM QPSK	1	1	19.01	19.01	18.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel 349000	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.81	18.98	18.77	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel 349000	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.77	19.02	18.81	19.50

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N38				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.84	20.58	20.71	21.00
		1	108	20.70	20.56	20.54	21.00
		1	214	20.64	20.69	20.46	21.00
		108	0	20.74	20.73	20.52	21.00
		108	54	20.56	20.72	20.60	21.00
		108	108	20.61	20.71	20.43	21.00
		216	0	20.88	20.45	20.61	21.00
	DFT-s-OFDM QPSK	1	1	20.59	20.89	20.76	21.00
		1	108	20.55	20.64	20.57	21.00
		1	214	20.67	20.64	20.74	21.00
		108	0	20.37	20.80	20.57	21.00
		108	54	20.42	20.58	20.53	21.00

		108	108	20.44	20.75	20.60	21.00
		216	0	20.63	20.64	20.48	21.00
	DFT-s-OFDM 16QAM	1	1	20.35	20.84	20.68	21.00
	DFT-s-OFDM 64QAM	1	1	20.44	20.84	20.70	21.00
	DFT-s-OFDM 256QAM	1	1	20.23	20.42	20.24	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	20.71	20.74	20.70	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.39	20.56	20.58	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.39	20.55	20.51	21.00

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N41				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.59	20.59	20.73	20.80	20.57	21.00
		1	137	20.67	20.46	20.87	20.39	20.34	21.00
		1	271	20.03	20.12	20.21	19.97	20.41	21.00
		135	0	20.51	20.35	20.73	20.50	20.20	21.00
		135	69	20.66	20.07	20.42	19.96	20.13	21.00
		135	138	20.57	20.43	20.63	20.71	20.25	21.00
		270	0	20.59	20.41	20.81	20.69	20.34	21.00
	DFT-s-OFDM QPSK	1	1	20.58	20.76	20.96	20.75	20.52	21.00
		1	137	20.26	20.71	20.90	20.53	20.15	21.00
		1	271	20.35	20.02	20.31	20.02	20.26	21.00
		135	0	20.43	20.58	20.84	20.40	20.14	21.00
		135	69	20.44	20.24	20.39	19.98	20.24	21.00
		135	138	20.67	20.61	20.74	20.50	20.18	21.00
		270	0	20.36	20.66	20.81	20.56	20.15	21.00

	DFT-s-OFDM 16QAM	1	1	20.63	20.62	20.62	20.67	20.38	21.00
	DFT-s-OFDM 64QAM	1	1	20.51	20.55	20.63	20.71	20.37	21.00
	DFT-s-OFDM 256QAM	1	1	20.23	20.46	20.35	20.37	19.91	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	20.47	20.64	20.81	20.69	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.60	20.48	20.75	20.51	20.19	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.58	20.53	20.70	20.67	20.18	21.00

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N77				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.98	/	22.50
		1	137	/	22.03	/	22.50
		1	271	/	21.27	/	22.50
		135	0	/	22.00	/	22.50
		135	69	/	21.97	/	22.50
		135	138	/	21.89	/	22.50
		270	0	/	21.68	/	22.50
	DFT-s-OFDM QPSK	1	1	/	22.22	/	22.50
		1	137	/	22.00	/	22.50
		1	271	/	22.00	/	22.50
		135	0	/	22.01	/	22.50
		135	69	/	21.27	/	22.50
		135	138	/	21.68	/	22.50
		270	0	/	21.72	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	22.01	/	22.50

	DFT-s-OFDM 64QAM	1	1	/	21.86	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	21.94	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.87	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.00	22.01	21.94	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.91	21.99	21.91	22.50

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N77				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.95	21.65	21.30	22.50
		1	137	20.91	21.61	21.26	22.50
		1	271	20.94	21.62	21.40	22.50
		135	0	21.12	21.33	21.09	22.50
		135	69	21.14	21.56	21.49	22.50
		135	138	20.94	21.51	21.21	22.50
		270	0	20.81	21.34	21.11	22.50
	DFT-s-OFDM QPSK	1	1	21.47	22.05	21.16	22.50
		1	137	21.31	21.83	20.99	22.50
		1	271	21.43	21.93	20.99	22.50
		135	0	21.44	21.72	20.94	22.50
		135	69	21.36	21.63	21.17	22.50
		135	138	21.10	21.09	20.85	22.50
		270	0	21.17	21.45	20.87	22.50
	DFT-s-OFDM 16QAM	1	1	21.04	21.01	21.07	22.50
	DFT-s-OFDM 64QAM	1	1	21.16	21.03	21.02	22.50

	DFT-s-OFDM 256QAM	1	1	21.21	20.95	20.85	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	21.28	21.09	20.85	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	21.15	21.04	20.91	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	21.07	21.06	20.88	22.50

Ant4

N78				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.82	/	22.50
		1	137	/	21.67	/	22.50
		1	271	/	21.78	/	22.50
		135	0	/	21.68	/	22.50
		135	69	/	21.86	/	22.50
		135	138	/	21.89	/	22.50
		270	0	/	21.87	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.95	/	22.50
		1	137	/	21.82	/	22.50
		1	271	/	21.76	/	22.50
		135	0	/	21.84	/	22.50
		135	69	/	21.72	/	22.50
		135	138	/	21.68	/	22.50
		270	0	/	21.78	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.76	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	21.76	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	21.76	/	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		21.76		22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.60	21.76	21.63	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.80	21.76	21.70	22.50

Ant4

N78				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.34	/	22.50
		1	137	/	21.21	/	22.50
		1	271	/	21.23	/	22.50
		135	0	/	21.15	/	22.50
		135	69	/	20.93	/	22.50
		135	138	/	20.98	/	22.50
		270	0	/	21.11	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.69	/	22.50
		1	137	/	21.46	/	22.50
		1	271	/	21.35	/	22.50
		135	0	/	21.45	/	22.50
		135	69	/	21.23	/	22.50
		135	138	/	21.02	/	22.50
		270	0	/	20.73	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.34	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	21.29	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	21.33	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	

100MHz	CP-OFDM QPSK	1	1	/	21.18	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.36	21.35	21.18	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.16	21.19	21.30	22.50

Head Down Power:

Ant4

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.47	21.92	21.75	22.50
		1	2	21.38	21.47	21.31	22.50
		1	5	21.11	21.53	21.20	22.50
		3	0	21.51	21.51	21.61	22.50
		3	2	21.42	21.57	21.66	22.50
		3	3	21.24	21.34	21.49	22.50
		6	0	21.50	21.60	21.20	22.50
	16QAM	1	0	21.64	21.85	21.50	22.50
		1	2	21.74	21.70	21.59	22.50
		1	5	21.78	21.73	21.60	22.50
		3	0	21.82	21.51	21.66	22.50
		3	2	21.56	21.27	21.59	22.50
		3	3	21.63	21.74	21.44	22.50
		6	0	21.73	21.64	21.55	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.57	22.05	21.74	22.50
		1	7	21.39	21.49	21.30	22.50
		1	14	21.22	21.49	21.22	22.50
		8	0	21.37	21.37	21.71	22.50
		8	4	21.49	21.66	21.69	22.50
		8	7	21.40	21.42	21.46	22.50
		15	0	21.39	21.53	21.30	22.50
	16QAM	1	0	21.83	21.88	21.64	22.50
		1	7	21.72	21.83	21.62	22.50
		1	14	21.74	21.72	21.53	22.50
		8	0	21.65	21.65	21.67	22.50
		8	4	21.44	21.39	21.64	22.50
		8	7	21.55	21.72	21.49	22.50
		15	0	21.59	21.55	21.45	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.57	21.88	21.69	22.50
		1	13	21.49	21.47	21.33	22.50

		1	24	21.02	21.47	21.27	22.50
		12	0	21.53	21.37	21.58	22.50
		12	6	21.55	21.48	21.65	22.50
		12	13	21.45	21.28	21.49	22.50
		25	0	21.47	21.51	21.30	22.50
	16QAM	1	0	21.62	21.74	21.71	22.50
		1	13	21.63	21.85	21.53	22.50
		1	24	21.80	21.76	21.55	22.50
		12	0	21.68	21.53	21.70	22.50
		12	6	21.44	21.47	21.66	22.50
		12	13	21.62	21.53	21.46	22.50
		25	0	21.65	21.55	21.49	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.56	22.00	21.54	22.50
		1	25	21.37	21.45	21.47	22.50
		1	49	21.21	21.51	21.32	22.50
		25	0	21.39	21.52	21.61	22.50
		25	13	21.43	21.48	21.77	22.50
		25	25	21.33	21.40	21.38	22.50
		50	0	21.57	21.62	21.22	22.50
	16QAM	1	0	21.78	21.94	21.52	22.50
		1	25	21.66	21.91	21.64	22.50
		1	49	21.88	21.79	21.62	22.50
		25	0	21.66	21.47	21.69	22.50
		25	13	21.47	21.45	21.48	22.50
		25	25	21.65	21.73	21.48	22.50
		50	0	21.67	21.47	21.62	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.65	22.05	21.54	22.50
		1	38	21.52	21.42	21.44	22.50
		1	74	21.13	21.60	21.13	22.50
		36	0	21.49	21.43	21.68	22.50
		36	18	21.38	21.57	21.74	22.50
		36	39	21.39	21.40	21.32	22.50
		75	0	21.40	21.45	21.26	22.50
	16QAM	1	0	21.65	21.90	21.69	22.50
		1	38	21.71	21.83	21.57	22.50
		1	74	21.88	21.92	21.60	22.50
		36	0	21.71	21.52	21.49	22.50

		36	18	21.50	21.25	21.57	22.50
		36	39	21.54	21.69	21.37	22.50
		75	0	21.77	21.50	21.61	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.72	22.12	21.79	22.50
		1	50	21.63	21.54	21.52	22.50
		1	99	21.27	21.70	21.40	22.50
		50	0	21.64	21.82	21.60	22.50
		50	25	21.63	21.74	21.60	22.50
		50	50	21.49	21.49	21.56	22.50
		100	0	21.63	21.70	21.46	22.50
	16QAM	1	0	21.87	21.97	21.76	22.50
		1	50	21.81	21.95	21.71	22.50
		1	99	22.00	21.97	21.65	22.50
		50	0	21.89	21.71	21.76	22.50
		50	25	21.59	21.51	21.72	22.50
		50	50	21.78	21.78	21.55	22.50
		100	0	21.83	21.68	21.69	22.50

Ant4

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.49	21.00	20.75	21.50
		1	2	20.68	20.64	20.76	21.50
		1	5	20.66	20.67	20.44	21.50
		3	0	20.44	20.74	20.54	21.50
		3	1	20.39	20.48	20.68	21.50
		3	3	20.32	20.53	20.56	21.50
		6	0	20.37	20.70	20.50	21.50
	16QAM	1	0	20.37	20.25	20.76	21.50
		1	2	20.71	20.71	20.64	21.50
		1	5	20.66	20.69	20.69	21.50
		3	0	20.50	20.35	20.57	21.50
		3	1	20.63	20.45	20.06	21.50
		3	3	20.61	20.56	20.75	21.50
		6	0	20.65	20.70	20.76	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	

3MHz	QPSK	1	0	20.54	20.76	20.48	21.50
		1	7	20.75	20.57	20.71	21.50
		1	14	20.68	20.58	20.51	21.50
		8	0	20.49	20.50	20.53	21.50
		8	4	20.61	20.43	20.49	21.50
		8	7	20.45	20.54	20.63	21.50
		15	0	20.45	20.58	20.50	21.50
	16QAM	1	0	20.36	20.24	20.69	21.50
		1	7	20.51	20.76	20.84	21.50
		1	14	20.62	20.53	20.71	21.50
		8	0	20.59	20.24	20.44	21.50
		8	4	20.75	20.52	20.26	21.50
		8	7	20.70	20.71	20.66	21.50
		15	0	20.66	20.69	20.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.52	20.90	20.67	21.50
		1	13	20.95	20.77	20.68	21.50
		1	24	20.66	20.55	20.64	21.50
		12	0	20.33	20.70	20.53	21.50
		12	6	20.50	20.48	20.56	21.50
		12	13	20.33	20.44	20.63	21.50
		25	0	20.32	20.53	20.32	21.50
	16QAM	1	0	20.37	20.48	20.80	21.50
		1	13	20.55	20.67	20.78	21.50
		1	24	20.67	20.67	20.68	21.50
		12	0	20.42	20.14	20.53	21.50
		12	6	20.73	20.57	20.23	21.50
		12	13	20.52	20.69	20.54	21.50
		25	0	20.65	20.60	20.52	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.65	20.80	20.70	21.50
		1	25	20.91	20.52	20.80	21.50
		1	49	20.71	20.75	20.47	21.50
		25	0	20.28	20.66	20.49	21.50
		25	13	20.49	20.64	20.46	21.50
		25	25	20.41	20.47	20.54	21.50
		50	0	20.51	20.56	20.49	21.50
	16QAM	1	0	20.51	20.28	20.66	21.50
		1	25	20.70	20.78	20.75	21.50

		1	49	20.60	20.61	20.75	21.50
		25	0	20.37	20.25	20.57	21.50
		25	13	20.66	20.57	20.33	21.50
		25	25	20.65	20.51	20.64	21.50
		50	0	20.51	20.71	20.57	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.50	20.84	20.51	21.50
		1	38	20.73	20.65	20.79	21.50
		1	74	20.80	20.75	20.70	21.50
		36	0	20.30	20.71	20.36	21.50
		36	18	20.52	20.56	20.74	21.50
		36	39	20.42	20.44	20.48	21.50
		75	0	20.41	20.63	20.54	21.50
	16QAM	1	0	20.58	20.34	20.75	21.50
		1	38	20.70	20.67	20.69	21.50
		1	74	20.83	20.52	20.95	21.50
		36	0	20.58	20.17	20.63	21.50
		36	18	20.62	20.64	20.26	21.50
		36	39	20.77	20.53	20.62	21.50
		75	0	20.54	20.79	20.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.72	21.09	20.83	21.50
		1	50	21.01	20.87	20.86	21.50
		1	99	20.92	20.85	20.78	21.50
		50	0	20.63	20.84	20.71	21.50
		50	25	20.67	20.72	20.80	21.50
		50	50	20.54	20.63	20.70	21.50
		100	0	20.62	20.81	20.65	21.50
	16QAM	1	0	20.68	20.59	20.88	21.50
		1	50	20.83	20.89	20.89	21.50
		1	99	20.88	20.79	21.00	21.50
		50	0	20.64	20.44	20.78	21.50
		50	25	20.96	20.71	20.39	21.50
		50	50	20.85	20.84	20.88	21.50
		100	0	20.77	20.85	20.82	21.50

Ant4

N25	Conducted Power(dBm)
SCS 15kHz	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
				1860	1882.5	1905	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.85	20.92	20.61	21.50
		1	53	20.59	21.13	20.39	21.50
		1	104	20.47	21.06	20.92	21.50
		50	0	20.87	20.89	20.26	21.50
		50	28	21.05	21.10	21.09	21.50
		50	56	20.73	20.76	20.44	21.50
		100	0	20.79	21.03	20.50	21.50
	DFT-s-OFDM QPSK	1	1	21.17	21.21	21.15	21.50
		1	53	20.91	20.90	21.13	21.50
		1	104	20.42	21.00	20.64	21.50
		50	0	20.91	21.02	21.01	21.50
		50	28	20.71	20.93	20.86	21.50
		50	56	20.95	20.91	20.90	21.50
		100	0	20.90	21.08	21.02	21.50
	DFT-s-OFDM 16QAM	1	1	21.15	21.05	20.88	21.50
	DFT-s-OFDM 64QAM	1	1	20.96	20.74	21.09	21.50
	DFT-s-OFDM 256QAM	1	1	21.11	20.87	20.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
20MHz	CP-OFDM QPSK	1	1	21.01	20.97	21.00	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	21.06	21.04	20.85	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	21.06	20.85	20.77	21.50

Ant4

N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB	Channel	Channel	Channel	Tune up

			offset	344000	349000	354000	
				1720	1745	1770	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.68	20.56	20.65	21.50
		1	53	20.48	20.69	20.29	21.50
		1	104	20.88	20.71	20.52	21.50
		50	0	20.31	20.92	20.48	21.50
		50	28	20.86	20.84	20.60	21.50
		50	56	20.26	20.68	20.19	21.50
		100	0	20.36	20.48	20.21	21.50
	DFT-s-OFDM QPSK	1	1	20.84	20.95	20.65	21.50
		1	53	20.85	20.81	20.61	21.50
		1	104	20.60	20.69	20.54	21.50
		50	0	20.48	20.88	20.57	21.50
		50	28	20.55	20.72	20.75	21.50
		50	56	20.85	20.62	20.19	21.50
		100	0	20.35	20.59	20.26	21.50
	DFT-s-OFDM 16QAM	1	1	20.93	20.79	20.63	21.50
	DFT-s-OFDM 64QAM	1	1	20.53	20.73	20.63	21.50
	DFT-s-OFDM 256QAM	1	1	19.78	19.81	19.53	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	CP-OFDM QPSK	1	1	21.25	21.32	21.14	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					349000		
15MHz	DFT-s-OFDM QPSK	1	1	20.54	20.79	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					349000		
5MHz	DFT-s-OFDM QPSK	1	1	20.31	20.63	20.61	21.50