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Appendix E

Conducted RF Output Power

1 Conducted Power of Legacy

1.1 Conducted Power of Legacy (Ant0)

WCDMA Band II full power/Body worn/Hotspot					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.21	23.31	23.13	25.00
	12.2kbps AMR	23.07	23.08	23.21	25.00
HSDPA	Subtest 1	23.17	23.11	23.14	25.00
	Subtest 2	23.12	23.13	23.13	25.00
	Subtest 3	22.63	22.63	22.68	24.50
	Subtest 4	22.70	22.63	22.58	24.50
HSUPA	Subtest 1	23.05	23.12	23.05	25.00
	Subtest 2	23.01	23.02	23.03	25.00
	Subtest 3	22.68	22.59	22.68	24.50
	Subtest 4	22.63	22.71	22.58	24.50
	Subtest 5	23.07	23.16	23.10	25.00
HSPA+	16QAM	20.67	20.71	20.62	22.50

WCDMA Band II Head					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.67	21.75	21.62	23.00
	12.2kbps AMR	21.53	21.54	21.69	23.00
HSDPA	Subtest 1	21.70	21.57	21.59	23.00
	Subtest 2	21.59	21.64	21.65	23.00
	Subtest 3	21.10	21.13	21.20	22.50
	Subtest 4	21.22	21.08	21.04	22.50
HSUPA	Subtest 1	21.03	21.11	21.00	23.00
	Subtest 2	21.03	21.01	21.03	23.00
	Subtest 3	20.65	20.60	20.67	22.50
	Subtest 4	20.66	20.67	20.58	22.50
	Subtest 5	21.07	21.14	21.06	23.00
HSPA+	16QAM	18.64	18.73	18.65	20.50

WCDMA Band IV full power/Body worn/Hotspot					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.43	23.57	23.47	25.00
	12.2kbps AMR	23.33	23.5	23.41	25.00
HSDPA	Subtest 1	23.30	23.49	23.39	25.00
	Subtest 2	23.35	23.45	23.38	25.00
	Subtest 3	22.90	23.08	22.92	24.50
	Subtest 4	22.93	23.07	22.96	24.50
HSUPA	Subtest 1	23.00	23.18	23.02	25.00
	Subtest 2	23.04	23.17	23.10	25.00
	Subtest 3	22.60	22.78	22.62	24.50
	Subtest 4	22.63	22.77	22.66	24.50
	Subtest 5	23.02	23.14	23.05	25.00
HSPA+	16QAM	20.58	20.75	20.67	22.50

WCDMA Band IV Head					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.43	21.58	21.5	22.50
	12.2kbps AMR	21.34	21.48	21.37	22.50
HSDPA	Subtest 1	21.30	21.51	21.39	22.50
	Subtest 2	21.37	21.48	21.35	22.50
	Subtest 3	20.92	21.09	20.91	22.00
	Subtest 4	20.90	21.04	20.98	22.00
HSUPA	Subtest 1	20.51	20.67	20.53	22.50
	Subtest 2	20.57	20.66	20.63	22.50
	Subtest 3	20.09	20.30	20.15	22.00
	Subtest 4	20.15	20.23	20.13	22.00
	Subtest 5	20.54	20.62	20.54	22.50
HSPA+	16QAM	18.06	18.25	18.18	20.00

WCDMA Band V full power/Body worn/Hotspot					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.18	23.19	23.00	25.00
	12.2kbps AMR	23.12	23.11	23.13	25.00
HSDPA	Subtest 1	23.09	23.02	23.06	25.00
	Subtest 2	23.07	23.05	23.12	25.00
	Subtest 3	22.66	22.72	22.71	24.50
	Subtest 4	22.61	22.67	22.69	24.50
HSUPA	Subtest 1	23.03	23.11	23.08	25.00
	Subtest 2	23.08	23.11	23.10	25.00
	Subtest 3	22.66	22.66	22.68	24.50
	Subtest 4	22.68	22.71	22.75	24.50
HSPA+	Subtest 5	23.07	23.11	23.13	25.00
	16QAM	20.68	20.61	20.68	22.50

WCDMA Band V Head					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.35	22.41	22.35	24.00
	12.2kbps AMR	22.39	22.34	22.28	24.00
HSDPA	Subtest 1	22.27	22.21	22.29	24.00
	Subtest 2	22.30	22.23	22.29	24.00
	Subtest 3	21.86	21.90	21.90	23.50
	Subtest 4	21.76	21.86	21.87	23.50
HSUPA	Subtest 1	22.01	22.11	22.11	24.00
	Subtest 2	22.10	22.10	22.05	24.00
	Subtest 3	21.64	21.68	21.67	23.50
	Subtest 4	21.70	21.70	21.72	23.50
HSPA+	Subtest 5	22.03	22.14	22.13	24.00
	16QAM	19.70	19.58	19.69	21.50

LTE Band 2 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.34	22.74	22.36	24.00
		1	2	22.52	22.31	22.49	24.00
		1	5	22.27	22.36	22.26	24.00
		3	0	22.57	22.43	22.44	24.00
		3	2	22.38	22.41	22.43	24.00
		3	3	22.16	22.23	22.51	24.00
	16QAM	6	0	21.16	21.33	21.05	23.00
		1	0	21.08	21.37	21.45	23.00
		1	2	21.29	21.44	21.55	23.00
		1	5	21.27	21.45	21.18	23.00
		3	0	21.32	21.47	21.40	23.00
		3	2	21.10	21.42	21.43	23.00
	64QAM	3	3	21.41	21.47	21.23	23.00
		6	0	20.59	20.32	20.30	22.00
		1	0	20.21	20.02	20.55	22.00
		1	2	20.27	20.15	20.37	22.00
		1	5	20.48	20.29	20.33	22.00
		3	0	20.24	20.38	20.32	22.00
	256QAM	3	2	20.16	20.44	20.42	22.00
		3	3	20.37	20.74	20.25	22.00
		6	0	19.23	19.40	19.18	21.00
		1	0	17.42	17.34	17.21	19.00
		1	2	17.38	17.61	17.26	19.00
		1	5	17.30	17.36	17.35	19.00
3MHz	QPSK	3	0	17.38	17.64	17.55	19.00
		3	2	17.50	17.09	17.38	19.00
		3	3	17.28	17.35	17.30	19.00
	QPSK	6	0	17.18	17.38	17.23	19.00
		1	0	22.40	22.64	22.46	24.00
		1	7	22.50	22.32	22.44	24.00
		1	14	22.27	22.44	22.30	24.00

		8	0	21.62	21.42	21.35	23.00
		8	4	21.48	21.33	21.44	23.00
		8	7	21.08	21.17	21.49	23.00
		15	0	21.18	21.42	21.13	23.00
	16QAM	1	0	21.14	21.34	21.47	23.00
		1	7	21.33	21.46	21.59	23.00
		1	14	21.28	21.43	21.09	23.00
		8	0	20.40	20.49	20.39	22.00
		8	4	20.18	20.43	20.37	22.00
		8	7	20.44	20.46	20.29	22.00
		15	0	20.52	20.41	20.38	22.00
		1	0	20.31	20.08	20.51	22.00
	64QAM	1	7	20.28	20.21	20.35	22.00
		1	14	20.46	20.39	20.41	22.00
		8	0	19.22	19.35	19.37	21.00
		8	4	19.15	19.54	19.35	21.00
		8	7	19.44	19.66	19.23	21.00
		15	0	19.32	19.40	19.28	21.00
	256QAM	1	0	17.35	17.31	17.25	19.00
		1	7	17.42	17.55	17.26	19.00
		1	14	17.20	17.35	17.32	19.00
		8	0	17.40	17.56	17.60	19.00
		8	4	17.44	17.11	17.29	19.00
		8	7	17.31	17.28	17.27	19.00
		15	0	17.17	17.33	17.15	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	22.35	22.55	22.45	24.00
		1	13	22.58	22.41	22.41	24.00
		1	24	22.36	22.34	22.38	24.00
		12	0	21.57	21.43	21.28	23.00
		12	6	21.38	21.33	21.39	23.00
		12	13	21.16	21.12	21.43	23.00
		25	0	21.21	21.35	21.20	23.00
	16QAM	1	0	21.18	21.30	21.43	23.00
		1	13	21.42	21.38	21.56	23.00
		1	24	21.28	21.33	21.17	23.00
		12	0	20.31	20.46	20.34	22.00
		12	6	20.28	20.43	20.30	22.00
		12	13	20.43	20.37	20.38	22.00
		25	0	20.54	20.32	20.42	22.00
	64QAM	1	0	20.29	20.13	20.54	22.00
		1	13	20.28	20.23	20.36	22.00
		1	24	20.36	20.30	20.32	22.00
		12	0	19.32	19.38	19.45	21.00
		12	6	19.22	19.53	19.45	21.00
		12	13	19.34	19.58	19.33	21.00
		25	0	19.22	19.35	19.27	21.00
	256QAM	1	0	17.34	17.35	17.24	19.00
		1	13	17.41	17.49	17.23	19.00
		1	24	17.17	17.35	17.26	19.00
		12	0	17.31	17.46	17.51	19.00
		12	6	17.35	17.17	17.34	19.00
		12	13	17.27	17.34	17.24	19.00
		25	0	17.21	17.38	17.25	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	22.28	22.51	22.42	24.00
		1	25	22.50	22.40	22.38	24.00
		1	49	22.46	22.30	22.36	24.00
		25	0	21.52	21.52	21.37	23.00
		25	13	21.37	21.26	21.33	23.00
		25	25	21.26	21.20	21.36	23.00
		50	0	21.27	21.32	21.30	23.00
	16QAM	1	0	21.27	21.30	21.51	23.00
		1	25	21.46	21.45	21.51	23.00
		1	49	21.24	21.24	21.17	23.00
		25	0	20.22	20.50	20.26	22.00
		25	13	20.26	20.35	20.28	22.00
		25	25	20.33	20.43	20.34	22.00

	64QAM	50	0	20.44	20.36	20.32	22.00
		1	0	20.28	20.21	20.46	22.00
		1	25	20.29	20.25	20.39	22.00
		1	49	20.36	20.28	20.32	22.00
		25	0	19.27	19.37	19.35	21.00
		25	13	19.28	19.43	19.43	21.00
		25	25	19.33	19.52	19.36	21.00
	256QAM	50	0	19.23	19.25	19.18	21.00
		1	0	17.24	17.29	17.24	19.00
		1	25	17.33	17.46	17.27	19.00
		1	49	17.26	17.41	17.27	19.00
		25	0	17.39	17.56	17.42	19.00
		25	13	17.28	17.27	17.34	19.00
		25	25	17.32	17.29	17.33	19.00
		50	0	17.30	17.41	17.30	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.22	22.55	22.37	24.00
		1	38	22.42	22.35	22.38	24.00
		1	74	22.42	22.29	22.39	24.00
		36	0	21.46	21.50	21.34	23.00
		36	18	21.32	21.29	21.35	23.00
		36	39	21.23	21.27	21.40	23.00
		75	0	21.25	21.39	21.39	23.00
	16QAM	1	0	21.36	21.31	21.44	23.00
		1	38	21.42	21.40	21.49	23.00
		1	74	21.33	21.30	21.27	23.00
		36	0	20.29	20.40	20.34	22.00
		36	18	20.33	20.37	20.32	22.00
		36	39	20.32	20.39	20.43	22.00
		75	0	20.34	20.41	20.34	22.00
	64QAM	1	0	20.35	20.28	20.42	22.00
		1	38	20.37	20.20	20.43	22.00
		1	74	20.29	20.29	20.24	22.00
		36	0	19.32	19.30	19.33	21.00
		36	18	19.35	19.40	19.41	21.00
		36	39	19.41	19.48	19.40	21.00
		75	0	19.32	19.32	19.26	21.00
	256QAM	1	0	17.30	17.39	17.32	19.00
		1	38	17.25	17.41	17.29	19.00
		1	74	17.36	17.42	17.22	19.00
		36	0	17.30	17.48	17.49	19.00
		36	18	17.38	17.29	17.24	19.00
		36	39	17.25	17.36	17.26	19.00
		75	0	17.28	17.40	17.32	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.28	22.79	22.35	24.00
		1	50	22.34	22.63	22.31	24.00
		1	99	22.38	22.64	22.37	24.00
		50	0	21.76	21.80	21.71	23.00
		50	25	21.74	21.72	21.75	23.00
		50	50	21.73	21.75	21.73	23.00
		100	0	21.69	21.78	21.75	23.00
	16QAM	1	0	21.37	21.35	21.34	23.00
		1	50	21.33	21.31	21.42	23.00
		1	99	21.37	21.40	21.30	23.00
		50	0	20.28	20.31	20.36	22.00
		50	25	20.32	20.34	20.36	22.00
		50	50	20.36	20.35	20.34	22.00
		100	0	20.36	20.37	20.32	22.00
	64QAM	1	0	20.32	20.31	20.38	22.00
		1	50	20.36	20.30	20.38	22.00
		1	99	20.32	20.29	20.30	22.00
		50	0	19.38	19.40	19.37	21.00
		50	25	19.36	19.33	19.31	21.00
		50	50	19.40	19.39	19.40	21.00
		100	0	19.33	19.38	19.33	21.00
	256QAM	1	0	17.35	17.34	17.36	19.00
		1	50	17.30	17.39	17.35	19.00

		1	99	17.31	17.39	17.32	19.00
		50	0	17.29	17.38	17.40	19.00
		50	25	17.35	17.36	17.31	19.00
		50	50	17.30	17.39	17.36	19.00
		100	0	17.36	17.39	17.41	19.00

LTE Band 2 Head				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	20.95	20.90	20.89	22.50	
		1	2	20.94	21.05	20.79	22.50	
		1	5	20.99	21.24	21.30	22.50	
		3	0	20.96	21.11	20.95	22.50	
		3	2	20.97	20.87	21.22	22.50	
		3	3	20.90	20.94	21.02	22.50	
	16QAM	6	0	20.98	20.84	21.06	22.50	
		1	0	20.83	20.90	20.81	22.50	
		1	2	21.04	21.04	21.04	22.50	
		1	5	20.91	20.89	21.09	22.50	
		3	0	20.68	20.94	21.09	22.50	
		3	2	20.72	20.80	20.75	22.50	
	64QAM	3	3	20.95	21.03	20.66	22.50	
		6	0	20.50	20.49	20.33	22.00	
		1	0	20.24	20.50	20.56	22.00	
		1	2	20.61	20.38	20.64	22.00	
		1	5	20.06	20.47	20.40	22.00	
		3	0	20.40	20.30	20.55	22.00	
	256QAM	3	2	20.34	20.31	20.31	22.00	
		3	3	20.33	20.45	20.43	22.00	
		6	0	19.39	19.51	19.22	21.00	
		1	0	17.38	17.59	17.21	19.00	
		1	2	17.31	17.41	17.47	19.00	
		1	5	17.11	17.33	17.22	19.00	
	3MHz	QPSK	3	0	17.40	17.50	17.53	19.00
			3	2	17.45	17.22	17.01	19.00
			3	3	17.32	17.25	17.28	19.00
			6	0	17.38	17.31	17.61	19.00
			1	0	20.87	20.92	20.95	22.50
			1	7	20.84	20.99	20.72	22.50
16QAM		1	14	21.05	21.23	21.21	22.50	
		8	0	20.86	21.03	21.03	22.50	
		8	4	20.97	20.87	21.15	22.50	
		8	7	21.00	20.90	20.94	22.50	
		15	0	20.95	20.82	21.05	22.50	
		1	0	20.78	20.86	20.88	22.50	
64QAM		1	7	21.11	20.97	20.94	22.50	
		1	14	20.84	20.91	21.02	22.50	
		8	0	20.14	20.54	20.53	22.00	
		8	4	20.22	20.37	20.22	22.00	
		8	7	20.46	20.58	20.09	22.00	
		15	0	20.44	20.43	20.37	22.00	
256QAM		1	0	20.17	20.45	20.51	22.00	
		1	7	20.58	20.39	20.55	22.00	
		1	14	20.15	20.41	20.36	22.00	
		8	0	19.35	19.38	19.47	21.00	
		8	4	19.40	19.29	19.34	21.00	
		8	7	19.41	19.46	19.40	21.00	
LTE Band 2 Head		QPSK	15	0	19.31	19.50	19.29	21.00
			1	0	17.34	17.57	17.14	19.00
			1	7	17.32	17.38	17.53	19.00
			1	14	17.16	17.39	17.27	19.00
			8	0	17.45	17.54	17.53	19.00
			8	4	17.46	17.23	17.11	19.00
	16QAM	8	7	17.28	17.33	17.22	19.00	
		15	0	17.30	17.35	17.57	19.00	
		1	0	17.34	17.57	17.14	19.00	
		1	7	17.32	17.38	17.53	19.00	
		1	14	17.16	17.39	17.27	19.00	
		8	0	17.45	17.54	17.53	19.00	
256QAM	8	4	17.46	17.23	17.11	19.00		
	8	7	17.28	17.33	17.22	19.00		
	15	0	17.30	17.35	17.57	19.00		
	1	0	17.34	17.57	17.14	19.00		
	1	7	17.32	17.38	17.53	19.00		
	1	14	17.16	17.39	17.27	19.00		
LTE Band 2 Head	QPSK	8	0	17.45	17.54	17.53	19.00	
		8	4	17.46	17.23	17.11	19.00	
		8	7	17.28	17.33	17.22	19.00	
		15	0	17.30	17.35	17.57	19.00	
		1	0	17.34	17.57	17.14	19.00	
		1	7	17.32	17.38	17.53	19.00	
16QAM	1	14	17.16	17.39	17.27	19.00		
	8	0	17.45	17.54	17.53	19.00		
	8	4	17.46	17.23	17.11	19.00		
	8	7	17.28	17.33	17.22	19.00		
	15	0	17.30	17.35	17.57	19.00		
	1	0	17.34	17.57	17.14	19.00		
256QAM	1	7	17.32	17.38	17.53	19.00		
	1	14	17.16	17.39	17.27	19.00		
	8	0	17.45	17.54	17.53	19.00		
	8	4	17.46	17.23	17.11	19.00		
	8	7	17.28	17.33	17.22	19.00		
	15	0	17.30	17.35	17.57	19.00		

5MHz	QPSK	1	0	18625	18900	19175	
		1	13	20.89	20.84	20.94	22.50
		1	24	20.93	21.05	20.80	22.50
		12	0	21.12	21.13	21.27	22.50
		12	6	20.94	21.02	21.13	22.50
		12	13	21.07	20.90	21.05	22.50
	16QAM	25	0	20.92	20.92	21.01	22.50
		1	0	20.97	20.92	21.08	22.50
		1	13	20.77	20.96	20.88	22.50
		1	24	21.09	20.97	20.85	22.50
		12	0	20.90	21.01	20.92	22.50
		12	6	20.17	20.49	20.43	22.00
	64QAM	12	13	20.25	20.31	20.15	22.00
		12	25	20.47	20.49	20.19	22.00
		25	0	20.35	20.49	20.27	22.00
		1	0	20.25	20.51	20.51	22.00
		1	13	20.49	20.31	20.63	22.00
		1	24	20.20	20.37	20.33	22.00
	256QAM	12	0	19.35	19.38	19.43	21.00
		12	6	19.46	19.29	19.24	21.00
		12	13	19.47	19.36	19.31	21.00
		25	0	19.37	19.43	19.20	21.00
		1	0	17.26	17.53	17.24	19.00
		1	13	17.32	17.39	17.46	19.00
10MHz	QPSK	1	24	17.25	17.32	17.34	19.00
		12	0	17.50	17.53	17.63	19.00
		12	6	17.45	17.28	17.21	19.00
		12	13	17.32	17.28	17.28	19.00
		25	0	17.34	17.25	17.53	19.00
		1	0	20.97	20.89	20.89	22.50
	16QAM	1	25	20.97	20.98	20.86	22.50
		1	49	21.05	21.07	21.20	22.50
		25	0	20.98	21.01	21.12	22.50
		25	13	20.97	20.82	21.07	22.50
		25	25	21.13	20.93	21.00	22.50
		50	0	20.87	20.88	21.05	22.50
	64QAM	1	0	20.78	20.96	20.96	22.50
		1	25	21.01	21.01	20.93	22.50
		1	49	20.96	21.08	20.84	22.50
		25	0	20.18	20.43	20.43	22.00
		25	13	20.20	20.36	20.24	22.00
		25	25	20.47	20.47	20.14	22.00
	256QAM	50	0	20.42	20.44	20.30	22.00
		1	0	20.25	20.41	20.43	22.00
		1	25	20.55	20.34	20.54	22.00
		1	49	20.24	20.44	20.35	22.00
		25	0	19.37	19.46	19.47	21.00
		25	13	19.49	19.35	19.25	21.00
15MHz	QPSK	25	25	19.37	19.41	19.23	21.00
		50	0	19.28	19.33	19.23	21.00
		1	0	17.29	17.45	17.31	19.00
		1	25	17.39	17.31	17.50	19.00
		1	49	17.30	17.39	17.39	19.00
		25	0	17.40	17.48	17.57	19.00
	16QAM	25	13	17.35	17.36	17.11	19.00
		25	25	17.36	17.26	17.22	19.00
		50	0	17.31	17.24	17.43	19.00
		1	0	20.97	20.97	20.97	22.50
		1	38	21.05	21.03	20.96	22.50
		1	74	20.95	21.00	21.10	22.50
	QPSK	36	0	20.91	21.04	21.04	22.50
		36	18	20.93	20.88	20.97	22.50
		36	39	21.05	20.94	21.00	22.50
		75	0	20.93	20.93	21.01	22.50
		1	0	20.85	20.99	20.90	22.50
		1	38	21.08	20.92	21.03	22.50

		1	74	21.04	21.02	20.90	22.50
		36	0	20.22	20.34	20.41	22.00
		36	18	20.23	20.32	20.25	22.00
		36	39	20.47	20.47	20.24	22.00
		75	0	20.39	20.43	20.23	22.00
	64QAM	1	0	20.20	20.38	20.42	22.00
		1	38	20.46	20.25	20.45	22.00
		1	74	20.21	20.39	20.26	22.00
		36	0	19.33	19.45	19.40	21.00
		36	18	19.44	19.30	19.34	21.00
		36	39	19.33	19.40	19.26	21.00
		75	0	19.24	19.39	19.22	21.00
	256QAM	1	0	17.33	17.39	17.28	19.00
		1	38	17.39	17.36	17.42	19.00
		1	74	17.24	17.39	17.29	19.00
		36	0	17.32	17.38	17.52	19.00
		36	18	17.26	17.39	17.20	19.00
		36	39	17.27	17.31	17.29	19.00
		75	0	17.23	17.31	17.34	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.58	21.63	21.55	22.50
		1	50	21.26	21.58	21.26	22.50
		1	99	21.28	21.61	21.31	22.50
		50	0	21.43	21.60	21.48	22.50
		50	25	21.30	21.58	21.31	22.50
		50	50	21.28	21.61	21.30	22.50
	16QAM	100	0	21.26	21.62	21.24	22.50
		1	0	21.25	21.60	21.26	22.50
		1	50	21.31	21.59	21.30	22.50
		1	99	21.27	21.60	21.25	22.50
		50	0	20.54	20.59	20.63	22.00
		50	25	20.59	20.66	20.65	22.00
	64QAM	50	50	20.69	20.68	20.61	22.00
		100	0	20.64	20.66	20.61	22.00
		1	0	20.60	20.61	20.69	22.00
		1	50	20.67	20.62	20.69	22.00
		1	99	20.60	20.59	20.60	22.00
		50	0	19.66	19.71	19.67	21.00
	256QAM	50	25	19.66	19.63	19.59	21.00
		50	50	19.71	19.67	19.66	21.00
		100	0	19.60	19.67	19.60	21.00
		1	0	17.60	17.67	17.66	19.00
		1	50	17.62	17.71	17.65	19.00
		1	99	17.62	17.65	17.61	19.00
		50	0	17.59	17.64	17.73	19.00
		50	25	17.66	17.67	17.60	19.00
		50	50	17.62	17.65	17.67	19.00
		100	0	17.63	17.68	17.73	19.00

LTE Band 2 Body worn/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.85	21.73	21.73	23.50
		1	2	21.90	21.79	22.07	23.50
		1	5	21.91	21.94	21.80	23.50
		3	0	21.68	21.72	21.82	23.50
		3	2	21.90	21.91	21.92	23.50
		3	3	21.90	21.72	21.85	23.50
	16QAM	6	0	21.29	21.19	21.25	23.00
		1	0	21.14	21.22	21.35	23.00
		1	2	21.12	21.27	21.44	23.00
		1	5	21.43	21.43	21.35	23.00
		3	0	21.30	21.23	21.10	23.00
		3	2	21.41	21.40	21.28	23.00
	64QAM	3	3	21.08	21.52	21.53	23.00
		6	0	20.11	20.43	20.31	22.00
		1	0	20.40	20.15	20.52	22.00

		1	2	20.36	20.26	20.35	22.00
		1	5	20.19	20.30	20.42	22.00
		3	0	20.42	20.31	20.31	22.00
		3	2	20.16	20.27	20.47	22.00
		3	3	20.25	20.40	20.48	22.00
		6	0	19.26	19.40	19.06	21.00
	256QAM	1	0	17.38	17.47	17.38	19.00
		1	2	17.16	17.50	17.45	19.00
		1	5	17.44	17.26	17.09	19.00
		3	0	17.40	17.32	17.39	19.00
		3	2	17.46	17.34	17.33	19.00
		3	3	17.53	17.34	17.35	19.00
		6	0	17.66	17.27	17.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.85	21.73	21.70	23.50
		1	7	21.92	21.77	21.99	23.50
		1	14	21.86	21.86	21.87	23.50
		8	0	21.19	21.29	21.42	23.00
		8	4	21.40	21.36	21.43	23.00
		8	7	21.48	21.20	21.40	23.00
	16QAM	15	0	21.25	21.19	21.25	23.00
		1	0	21.23	21.28	21.25	23.00
		1	7	21.05	21.20	21.50	23.00
		1	14	21.39	21.43	21.43	23.00
		8	0	20.32	20.26	20.04	22.00
		8	4	20.51	20.43	20.26	22.00
	64QAM	8	7	20.16	20.51	20.52	22.00
		15	0	20.14	20.47	20.26	22.00
		1	0	20.40	20.25	20.46	22.00
		1	7	20.27	20.19	20.29	22.00
		1	14	20.15	20.30	20.32	22.00
		8	0	19.38	19.26	19.23	21.00
	256QAM	8	4	19.25	19.32	19.50	21.00
		8	7	19.25	19.44	19.42	21.00
		15	0	19.16	19.33	19.13	21.00
		1	0	17.44	17.51	17.45	19.00
		1	7	17.11	17.46	17.49	19.00
		1	14	17.38	17.32	17.07	19.00
5MHz	QPSK	8	0	17.35	17.24	17.38	19.00
		8	4	17.39	17.29	17.41	19.00
		8	7	17.49	17.32	17.25	19.00
		15	0	17.61	17.31	17.37	19.00
	16QAM	1	0	21.88	21.80	21.79	23.50
		1	13	21.86	21.71	22.05	23.50
		1	24	21.88	21.90	21.90	23.50
		12	0	21.28	21.35	21.45	23.00
		12	6	21.37	21.42	21.33	23.00
		12	13	21.44	21.26	21.41	23.00
	64QAM	25	0	21.33	21.25	21.31	23.00
		1	0	21.32	21.37	21.22	23.00
		1	13	21.05	21.22	21.42	23.00
		1	24	21.32	21.47	21.51	23.00
		12	0	20.22	20.34	20.11	22.00
		12	6	20.50	20.42	20.33	22.00
	256QAM	12	13	20.11	20.48	20.47	22.00
		25	0	20.12	20.44	20.20	22.00
		1	0	20.37	20.01	20.42	22.00
		1	13	20.26	20.09	20.29	22.00
		1	24	20.23	20.28	20.33	22.00
		12	0	19.43	19.23	19.30	21.00
		12	6	19.30	19.32	19.42	21.00
		12	13	19.32	19.41	19.38	21.00
		25	0	19.16	19.30	19.19	21.00
	256QAM	1	0	17.54	17.41	17.39	19.00
		1	13	17.20	17.37	17.40	19.00
		1	24	17.30	17.40	17.17	19.00
		12	0	17.33	17.25	17.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	

		12	6	17.44	17.39	17.32	19.00
		12	13	17.41	17.28	17.29	19.00
		25	0	17.56	17.28	17.36	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.78	21.81	21.80	23.50
		1	25	21.87	21.76	21.96	23.50
		1	49	21.85	21.97	21.93	23.50
		25	0	21.33	21.40	21.40	23.00
		25	13	21.42	21.33	21.31	23.00
		25	25	21.38	21.28	21.35	23.00
		50	0	21.26	21.35	21.28	23.00
	16QAM	1	0	21.29	21.33	21.31	23.00
		1	25	21.09	21.24	21.35	23.00
		1	49	21.32	21.45	21.45	23.00
		25	0	20.27	20.41	20.19	22.00
		25	13	20.49	20.51	20.26	22.00
		25	25	20.20	20.42	20.40	22.00
		50	0	20.21	20.39	20.27	22.00
	64QAM	1	0	20.39	20.10	20.49	22.00
		1	25	20.30	20.17	20.38	22.00
		1	49	20.32	20.18	20.31	22.00
		25	0	19.36	19.26	19.21	21.00
		25	13	19.31	19.41	19.44	21.00
		25	25	19.38	19.47	19.37	21.00
		50	0	19.24	19.37	19.28	21.00
	256QAM	1	0	17.48	17.40	17.33	19.00
		1	25	17.16	17.33	17.33	19.00
		1	49	17.29	17.41	17.20	19.00
		25	0	17.31	17.35	17.36	19.00
		25	13	17.37	17.32	17.30	19.00
		25	25	17.41	17.36	17.26	19.00
		50	0	17.52	17.23	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.77	21.85	21.75	23.50
		1	38	21.85	21.72	21.89	23.50
		1	74	21.89	21.88	21.95	23.50
		36	0	21.27	21.37	21.41	23.00
		36	18	21.41	21.38	21.32	23.00
		36	39	21.39	21.35	21.37	23.00
		75	0	21.34	21.41	21.30	23.00
	16QAM	1	0	21.28	21.27	21.24	23.00
		1	38	21.19	21.22	21.42	23.00
		1	74	21.31	21.48	21.40	23.00
		36	0	20.23	20.40	20.25	22.00
		36	18	20.39	20.43	20.35	22.00
		36	39	20.28	20.48	20.31	22.00
		75	0	20.28	20.32	20.34	22.00
	64QAM	1	0	20.30	20.20	20.40	22.00
		1	38	20.38	20.21	20.29	22.00
		1	74	20.36	20.27	20.28	22.00
		36	0	19.30	19.34	19.31	21.00
		36	18	19.41	19.41	19.39	21.00
		36	39	19.33	19.41	19.34	21.00
		75	0	19.31	19.36	19.37	21.00
	256QAM	1	0	17.38	17.42	17.34	19.00
		1	38	17.17	17.33	17.25	19.00
		1	74	17.21	17.39	17.22	19.00
		36	0	17.28	17.36	17.32	19.00
		36	18	17.36	17.42	17.29	19.00
		36	39	17.35	17.30	17.35	19.00
		75	0	17.42	17.29	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.19	22.34	22.24	23.50
		1	50	22.26	22.17	22.19	23.50
		1	99	22.23	22.21	22.30	23.50
		50	0	21.76	21.80	21.71	23.00
		50	25	21.74	21.72	21.75	23.00

		50	50	21.73	21.75	21.73	23.00
		100	0	21.69	21.78	21.75	23.00
	16QAM	1	0	21.32	21.36	21.31	23.00
		1	50	21.29	21.29	21.44	23.00
		1	99	21.35	21.41	21.30	23.00
		50	0	20.28	20.34	20.33	22.00
		50	25	20.32	20.34	20.35	22.00
		50	50	20.35	20.38	20.30	22.00
		100	0	20.32	20.37	20.32	22.00
	64QAM	1	0	20.28	20.30	20.34	22.00
		1	50	20.38	20.26	20.34	22.00
		1	99	20.29	20.28	20.31	22.00
		50	0	19.36	19.36	19.39	21.00
		50	25	19.33	19.34	19.30	21.00
		50	50	19.41	19.41	19.35	21.00
		100	0	19.31	19.34	19.32	21.00
	256QAM	1	0	17.38	17.32	17.35	19.00
		1	50	17.27	17.34	17.33	19.00
		1	99	17.31	17.36	17.29	19.00
		50	0	17.31	17.33	17.42	19.00
		50	25	17.33	17.34	17.28	19.00
		50	50	17.27	17.39	17.35	19.00
		100	0	17.35	17.36	17.43	19.00

LTE Band 2 Head For Simultaneous				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.56	19.67	19.46	20.50
		1	2	19.44	19.26	19.24	20.50
		1	5	19.03	19.15	19.21	20.50
		3	0	19.27	19.37	19.28	20.50
		3	2	19.17	19.71	19.23	20.50
		3	3	19.51	19.24	19.30	20.50
	16QAM	6	0	19.47	19.37	19.55	20.50
		1	0	19.01	19.00	18.84	20.50
		1	2	19.06	18.73	18.93	20.50
		1	5	18.92	18.64	19.14	20.50
		3	0	19.05	19.03	18.92	20.50
		3	2	18.95	18.79	18.92	20.50
	64QAM	3	3	18.93	18.72	18.80	20.50
		6	0	18.87	19.13	19.00	20.50
		1	0	18.67	18.79	18.65	20.50
		1	2	18.84	18.88	18.96	20.50
		1	5	18.75	18.83	18.86	20.50
		3	0	18.97	18.69	19.07	20.50
	256QAM	3	2	18.88	18.87	18.62	20.50
		3	3	18.99	18.84	19.12	20.50
		6	0	19.02	18.77	18.76	20.50
		1	0	17.66	17.14	17.33	19.00
		1	2	17.17	17.27	17.39	19.00
		1	5	17.32	17.19	17.42	19.00
		3	0	17.22	17.30	17.26	19.00
		3	2	17.47	17.50	17.06	19.00
		3	3	17.53	17.53	17.30	19.00
		6	0	17.44	17.39	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.62	19.57	19.50	20.50
		1	7	19.46	19.31	19.29	20.50
		1	14	19.07	19.11	19.25	20.50
		8	0	19.24	19.41	19.26	20.50
		8	4	19.26	19.61	19.21	20.50
		8	7	19.41	19.30	19.33	20.50
	16QAM	15	0	19.39	19.43	19.49	20.50
		1	0	18.97	18.97	18.81	20.50
		1	7	18.96	18.65	19.01	20.50
		1	14	18.83	18.66	19.08	20.50
		8	0	18.96	18.93	18.97	20.50

		8	4	18.89	18.80	18.92	20.50
		8	7	18.85	18.74	18.80	20.50
		15	0	18.85	19.10	18.97	20.50
		1	0	18.72	18.89	18.64	20.50
		1	7	18.89	18.94	18.87	20.50
	64QAM	1	14	18.85	18.74	18.84	20.50
		8	0	18.91	18.78	19.05	20.50
		8	4	18.85	18.79	18.72	20.50
		8	7	18.93	18.81	19.08	20.50
		15	0	18.97	18.78	18.76	20.50
	256QAM	1	0	17.56	17.19	17.39	19.00
		1	7	17.27	17.31	17.32	19.00
		1	14	17.27	17.25	17.42	19.00
		8	0	17.14	17.20	17.35	19.00
		8	4	17.46	17.40	17.10	19.00
5MHz	QPSK	8	7	17.60	17.53	17.36	19.00
		15	0	17.50	17.39	17.39	19.00
	16QAM	1	0	19.56	19.66	19.45	20.50
		1	13	19.42	19.40	19.30	20.50
		1	24	19.13	19.07	19.22	20.50
		12	0	19.22	19.44	19.27	20.50
		12	6	19.30	19.52	19.30	20.50
		12	13	19.39	19.33	19.42	20.50
	64QAM	25	0	19.32	19.35	19.51	20.50
		1	0	18.92	18.87	18.81	20.50
		1	13	18.95	18.71	18.93	20.50
		1	24	18.78	18.65	19.01	20.50
		12	0	18.92	18.85	19.03	20.50
	256QAM	12	6	18.93	18.89	18.88	20.50
		12	13	18.85	18.79	18.87	20.50
		25	0	18.84	19.18	19.06	20.50
	QPSK	1	0	18.74	18.96	18.65	20.50
		1	13	18.91	18.85	18.92	20.50
		1	24	18.82	18.76	18.84	20.50
		12	0	18.88	18.86	19.07	20.50
		12	6	18.81	18.87	18.78	20.50
10MHz	16QAM	12	13	18.85	18.85	19.12	20.50
		25	0	19.00	18.79	18.68	20.50
		1	0	17.48	17.24	17.31	19.00
		1	13	17.36	17.36	17.33	19.00
		1	24	17.20	17.34	17.32	19.00
	64QAM	12	0	17.20	17.29	17.29	19.00
		12	6	17.37	17.49	17.19	19.00
		12	13	17.52	17.46	17.46	19.00
		25	0	17.49	17.43	17.39	19.00
		25	25	19.38	19.31	19.39	20.50
	256QAM	50	0	19.22	19.35	19.45	20.50
		1	0	18.95	18.77	18.85	20.50
		1	25	18.96	18.71	18.89	20.50
		1	49	18.71	18.67	19.03	20.50
		25	0	18.85	18.84	18.99	20.50
	QPSK	25	13	18.90	18.81	18.80	20.50
		25	25	18.95	18.81	18.88	20.50
		50	0	18.92	19.13	19.01	20.50
		1	0	18.66	18.93	18.72	20.50
		1	25	18.89	18.77	18.84	20.50
	16QAM	1	49	18.85	18.77	18.83	20.50
		25	0	18.85	18.94	19.03	20.50
		25	13	18.71	18.91	18.74	20.50
		25	25	18.82	18.87	19.07	20.50
		50	0	18.97	18.85	18.67	20.50

		1	0	17.43	17.34	17.26	19.00
		1	25	17.46	17.40	17.42	19.00
		1	49	17.30	17.39	17.34	19.00
		25	0	17.29	17.24	17.32	19.00
		25	13	17.46	17.44	17.19	19.00
		25	25	17.42	17.47	17.45	19.00
		50	0	17.41	17.36	17.43	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.44	19.51	19.31	20.50
		1	38	19.28	19.30	19.30	20.50
		1	74	19.07	19.19	19.30	20.50
		36	0	19.19	19.44	19.26	20.50
		36	18	19.17	19.34	19.20	20.50
		36	39	19.29	19.40	19.32	20.50
		75	0	19.20	19.27	19.35	20.50
	16QAM	1	0	18.86	18.86	18.86	20.50
		1	38	18.89	18.78	18.83	20.50
		1	74	18.78	18.76	18.99	20.50
		36	0	18.82	18.89	18.89	20.50
		36	18	18.81	18.77	18.80	20.50
		36	39	18.91	18.83	18.97	20.50
		75	0	18.85	19.05	18.92	20.50
	64QAM	1	0	18.72	18.88	18.70	20.50
		1	38	18.80	18.74	18.77	20.50
		1	74	18.77	18.80	18.78	20.50
		36	0	18.93	19.04	18.97	20.50
		36	18	18.72	19.00	18.83	20.50
		36	39	18.92	18.88	18.97	20.50
		75	0	18.91	18.81	18.75	20.50
	256QAM	1	0	17.35	17.37	17.30	19.00
		1	38	17.46	17.43	17.33	19.00
		1	74	17.30	17.36	17.31	19.00
		36	0	17.31	17.29	17.40	19.00
		36	18	17.40	17.41	17.21	19.00
		36	39	17.40	17.50	17.40	19.00
		75	0	17.43	17.43	17.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.34	19.42	19.40	20.50
		1	50	19.24	19.20	19.23	20.50
		1	99	19.17	19.29	19.29	20.50
		50	0	19.29	19.39	19.34	20.50
		50	25	19.20	19.31	19.26	20.50
		50	50	19.25	19.34	19.34	20.50
		100	0	19.24	19.32	19.31	20.50
	16QAM	1	0	18.82	18.83	18.93	20.50
		1	50	18.80	18.87	18.88	20.50
		1	99	18.88	18.86	18.99	20.50
		50	0	18.88	18.92	18.90	20.50
		50	25	18.87	18.85	18.86	20.50
		50	50	18.95	18.88	18.90	20.50
		100	0	18.93	18.96	18.86	20.50
	64QAM	1	0	18.77	18.82	18.76	20.50
		1	50	18.71	18.81	18.74	20.50
		1	99	18.85	18.83	18.74	20.50
		50	0	18.88	18.96	18.93	20.50
		50	25	18.80	18.93	18.81	20.50
		50	50	18.96	18.94	18.91	20.50
		100	0	18.84	18.91	18.83	20.50
	256QAM	1	0	17.31	17.37	17.38	19.00
		1	50	17.40	17.41	17.33	19.00
		1	99	17.36	17.44	17.36	19.00
		50	0	17.41	17.38	17.37	19.00
		50	25	17.31	17.39	17.31	19.00
		50	50	17.40	17.42	17.42	19.00
		100	0	17.33	17.39	17.41	19.00

LTE Band 2 Body worn For Simultaneous

Conducted Power(dBm)

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.88	20.20	19.95	21.00
		1	2	19.82	19.83	19.87	21.00
		1	5	19.64	19.85	19.81	21.00
		3	0	19.79	20.02	20.08	21.00
		3	2	19.98	19.66	20.10	21.00
		3	3	19.77	19.73	19.91	21.00
	16QAM	6	0	20.07	19.91	20.15	21.00
		1	0	19.25	19.51	19.54	21.00
		1	2	19.48	19.53	19.34	21.00
		1	5	19.11	19.42	19.26	21.00
		3	0	19.37	19.70	19.40	21.00
		3	2	19.35	19.38	19.24	21.00
	64QAM	3	3	19.48	19.48	19.66	21.00
		6	0	19.50	19.64	19.46	21.00
		1	0	19.13	19.23	19.52	21.00
		1	2	19.33	19.34	19.24	21.00
		1	5	19.46	19.42	19.53	21.00
		3	0	19.62	19.63	19.15	21.00
	256QAM	3	2	19.44	19.53	19.56	21.00
		3	3	19.43	19.47	19.50	21.00
		6	0	19.64	19.51	19.62	21.00
		1	0	17.07	17.47	17.39	19.00
		1	2	17.42	17.40	17.59	19.00
		1	5	17.40	17.36	17.40	19.00
3MHz	QPSK	3	0	17.08	17.49	17.53	19.00
		3	2	17.38	17.52	17.55	19.00
		3	3	17.44	17.44	17.41	19.00
		6	0	17.50	17.48	17.36	19.00
	16QAM	1	0	18.615	18900	19185	21.00
		1	7	19.90	20.13	19.86	21.00
		1	14	19.72	19.78	19.90	21.00
		8	0	19.68	19.86	19.90	21.00
		8	4	19.85	20.04	20.00	21.00
		8	7	19.90	19.72	20.00	21.00
	64QAM	8	0	19.75	19.64	19.90	21.00
		15	0	20.00	19.89	20.10	21.00
		1	0	19.18	19.43	19.46	21.00
		1	7	19.42	19.46	19.41	21.00
		1	14	19.17	19.33	19.32	21.00
		8	0	19.39	19.63	19.46	21.00
	256QAM	8	4	19.26	19.32	19.28	21.00
		8	7	19.56	19.44	19.62	21.00
		15	0	19.48	19.56	19.53	21.00
		1	0	19.18	19.20	19.47	21.00
		1	7	19.24	19.41	19.31	21.00
		1	14	19.46	19.45	19.49	21.00
5MHz	QPSK	8	0	19.67	19.54	19.25	21.00
		8	4	19.45	19.52	19.54	21.00
		8	7	19.52	19.53	19.49	21.00
		15	0	19.64	19.46	19.59	21.00
		1	0	17.17	17.41	17.37	19.00
		1	7	17.45	17.47	17.50	19.00
	16QAM	1	14	17.50	17.45	17.48	19.00
		8	0	17.18	17.54	17.59	19.00
		8	4	17.36	17.45	17.65	19.00
		8	7	17.46	17.45	17.47	19.00
		15	0	17.45	17.42	17.42	19.00
		25	0	19.98	19.98	20.01	21.00

	16QAM	1	0	19.28	19.41	19.45	21.00
		1	13	19.33	19.39	19.34	21.00
		1	24	19.21	19.36	19.29	21.00
		12	0	19.38	19.53	19.38	21.00
		12	6	19.25	19.29	19.20	21.00
		12	13	19.49	19.51	19.58	21.00
		25	0	19.57	19.52	19.54	21.00
	64QAM	1	0	19.27	19.28	19.39	21.00
		1	13	19.33	19.36	19.36	21.00
		1	24	19.42	19.44	19.54	21.00
		12	0	19.59	19.53	19.22	21.00
		12	6	19.44	19.47	19.57	21.00
		12	13	19.43	19.56	19.55	21.00
		25	0	19.57	19.36	19.50	21.00
	256QAM	1	0	17.18	17.34	17.37	19.00
		1	13	17.39	17.55	17.48	19.00
		1	24	17.41	17.46	17.50	19.00
		12	0	17.25	17.46	17.58	19.00
		12	6	17.40	17.36	17.62	19.00
		12	13	17.39	17.50	17.47	19.00
		25	0	17.49	17.36	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	19.96	20.05	19.85	21.00
		1	25	19.75	19.77	19.81	21.00
		1	49	19.66	19.89	19.76	21.00
		25	0	20.00	20.08	19.91	21.00
		25	13	19.79	19.84	19.99	21.00
		25	25	19.85	19.80	19.83	21.00
	16QAM	50	0	19.96	19.91	19.91	21.00
		1	0	19.22	19.50	19.40	21.00
		1	25	19.37	19.38	19.33	21.00
		1	49	19.23	19.45	19.21	21.00
		25	0	19.37	19.48	19.47	21.00
		25	13	19.33	19.29	19.26	21.00
	64QAM	25	25	19.48	19.44	19.61	21.00
		50	0	19.49	19.45	19.57	21.00
		1	0	19.26	19.25	19.37	21.00
		1	25	19.40	19.33	19.32	21.00
		1	49	19.49	19.41	19.56	21.00
		25	0	19.53	19.44	19.26	21.00
	256QAM	25	13	19.54	19.38	19.49	21.00
		25	25	19.49	19.46	19.48	21.00
		50	0	19.53	19.38	19.44	21.00
		1	0	17.25	17.31	17.40	19.00
		1	25	17.42	17.56	17.47	19.00
		1	49	17.47	17.43	17.40	19.00
15MHz	QPSK	25	0	17.34	17.39	17.51	19.00
		25	13	17.45	17.33	17.62	19.00
		25	25	17.43	17.60	17.49	19.00
		50	0	17.53	17.40	17.41	19.00
	16QAM	1	0	19.91	20.02	19.81	21.00
		1	38	19.77	19.68	19.72	21.00
		1	74	19.75	19.95	19.83	21.00
		36	0	19.95	20.08	19.82	21.00
		36	18	19.80	19.75	19.94	21.00
		36	39	19.88	19.85	19.76	21.00
	64QAM	75	0	19.93	19.91	19.85	21.00
		1	0	19.22	19.46	19.46	21.00
		1	38	19.42	19.39	19.35	21.00
		1	74	19.31	19.44	19.28	21.00
		36	0	19.46	19.42	19.39	21.00
		36	18	19.33	19.35	19.34	21.00
	256QAM	36	39	19.40	19.36	19.51	21.00
		75	0	19.41	19.48	19.62	21.00
		1	0	19.35	19.34	19.35	21.00
		1	38	19.33	19.33	19.32	21.00
		1	74	19.43	19.44	19.48	21.00
		1	0	19.35	19.34	19.35	21.00

		36	0	19.54	19.49	19.35	21.00
		36	18	19.44	19.44	19.52	21.00
		36	39	19.47	19.49	19.42	21.00
		75	0	19.46	19.31	19.36	21.00
	256QAM	1	0	17.33	17.40	17.32	19.00
		1	38	17.48	17.49	17.43	19.00
		1	74	17.41	17.48	17.50	19.00
		36	0	17.35	17.39	17.56	19.00
		36	18	17.46	17.40	17.56	19.00
		36	39	17.42	17.58	17.47	19.00
		75	0	17.48	17.40	17.42	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.89	20.02	19.90	21.00
		1	50	19.68	19.69	19.75	21.00
		1	99	19.76	19.89	19.80	21.00
		50	0	19.88	19.99	19.88	21.00
		50	25	19.87	19.83	19.89	21.00
		50	50	19.89	19.89	19.84	21.00
	16QAM	100	0	19.88	19.88	19.90	21.00
		1	0	19.32	19.37	19.39	21.00
		1	50	19.44	19.43	19.43	21.00
		1	99	19.32	19.34	19.38	21.00
		50	0	19.38	19.42	19.38	21.00
		50	25	19.38	19.34	19.43	21.00
	64QAM	50	50	19.42	19.46	19.45	21.00
		100	0	19.49	19.53	19.52	21.00
		1	0	19.39	19.41	19.27	21.00
		1	50	19.40	19.31	19.40	21.00
		1	99	19.43	19.36	19.42	21.00
		50	0	19.47	19.41	19.43	21.00
	256QAM	50	25	19.46	19.42	19.46	21.00
		50	50	19.50	19.53	19.52	21.00
		100	0	19.47	19.38	19.43	21.00
		1	0	17.41	17.41	17.33	19.00
		1	50	17.43	17.42	17.38	19.00
		1	99	17.41	17.53	17.48	19.00
		50	0	17.34	17.36	17.48	19.00
		50	25	17.36	17.38	17.49	19.00
		50	50	17.47	17.49	17.48	19.00
		100	0	17.45	17.40	17.37	19.00

LTE Band 4 full power/Body worn/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.26	23.25	23.29	25.00
		1	2	23.23	23.27	23.28	25.00
		1	5	23.23	23.15	23.12	25.00
		3	0	23.18	23.11	23.13	25.00
		3	2	23.10	23.20	23.21	25.00
		3	3	23.35	23.39	23.40	25.00
	16QAM	6	0	22.10	22.14	22.09	24.00
		1	0	22.20	22.22	22.26	24.00
		1	2	22.14	22.06	22.13	24.00
		1	5	22.43	22.35	22.31	24.00
		3	0	22.42	22.41	22.31	24.00
		3	2	22.38	22.43	22.42	24.00
	64QAM	3	3	22.30	22.24	22.25	24.00
		6	0	21.40	21.30	21.32	23.00
		1	0	21.62	21.64	21.71	23.00
		1	2	21.34	21.33	21.25	23.00
		1	5	21.46	21.39	21.35	23.00
		3	0	21.47	21.42	21.42	23.00
	256QAM	3	2	21.23	21.29	21.20	23.00
		3	3	21.31	21.37	21.41	23.00
		6	0	20.07	20.13	20.10	22.00
		1	0	18.56	18.54	18.61	20.00
		1	2	18.38	18.31	18.36	20.00

		1	5	18.49	18.45	18.40	20.00
		3	0	18.50	18.44	18.34	20.00
		3	2	18.39	18.31	18.36	20.00
		3	3	18.01	18.10	18.12	20.00
		6	0	18.34	18.25	18.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.26	23.32	23.29	25.00
		1	7	23.34	23.27	23.22	25.00
		1	14	23.17	23.24	23.16	25.00
		8	0	22.20	22.19	22.21	24.00
		8	4	22.35	22.30	22.31	24.00
		8	7	22.34	22.40	22.48	24.00
	16QAM	15	0	22.11	22.20	22.11	24.00
		1	0	22.30	22.32	22.41	24.00
		1	7	22.05	22.08	22.03	24.00
		1	14	22.17	22.26	22.34	24.00
		8	0	21.38	21.46	21.42	23.00
		8	4	21.50	21.49	21.43	23.00
	64QAM	8	7	21.43	21.33	21.31	23.00
		15	0	21.26	21.29	21.38	23.00
		1	0	21.60	21.55	21.61	23.00
		1	7	21.39	21.36	21.45	23.00
		1	14	21.31	21.34	21.31	23.00
		8	0	20.36	20.35	20.30	22.00
	256QAM	8	4	20.34	20.35	20.44	22.00
		8	7	20.45	20.44	20.40	22.00
		15	0	20.08	20.13	20.11	22.00
		1	0	18.56	18.63	18.64	20.00
		1	7	18.35	18.39	18.41	20.00
		1	14	18.41	18.36	18.35	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.35	23.41	23.43	25.00
		1	13	23.36	23.35	23.33	25.00
		1	24	23.30	23.33	23.31	25.00
		12	0	22.26	22.27	22.28	24.00
		12	6	22.22	22.32	22.33	24.00
		12	13	22.40	22.33	22.31	24.00
	16QAM	25	0	22.19	22.24	22.33	24.00
		1	0	22.26	22.36	22.29	24.00
		1	13	22.15	22.12	22.19	24.00
		1	24	22.27	22.35	22.31	24.00
		12	0	21.64	21.56	21.50	23.00
		12	6	21.49	21.44	21.50	23.00
	64QAM	12	13	21.46	21.41	21.37	23.00
		25	0	21.32	21.26	21.32	23.00
		1	0	21.52	21.50	21.52	23.00
		1	13	21.45	21.41	21.31	23.00
		1	24	21.51	21.41	21.33	23.00
		12	0	20.30	20.38	20.43	22.00
	256QAM	12	6	20.25	20.30	20.26	22.00
		12	13	20.44	20.41	20.36	22.00
		25	0	20.12	20.19	20.09	22.00
		1	0	18.63	18.59	18.55	20.00
		1	13	18.34	18.34	18.33	20.00
		1	24	18.46	18.40	18.50	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.49	23.42	23.52	25.00
		1	25	23.30	23.39	23.45	25.00
		1	49	23.32	23.33	23.41	25.00

		25	0	22.19	22.19	22.21	24.00
		25	13	22.39	22.31	22.39	24.00
		25	25	22.44	22.42	22.48	24.00
		50	0	22.33	22.33	22.25	24.00
	16QAM	1	0	22.30	22.37	22.35	24.00
		1	25	22.18	22.17	22.11	24.00
		1	49	22.35	22.43	22.34	24.00
		25	0	21.55	21.46	21.50	23.00
		25	13	21.40	21.43	21.48	23.00
		25	25	21.52	21.44	21.49	23.00
		50	0	21.28	21.24	21.21	23.00
		50	0	21.28	21.24	21.21	23.00
	64QAM	1	0	21.54	21.45	21.47	23.00
		1	25	21.59	21.51	21.49	23.00
		1	49	21.55	21.49	21.52	23.00
		25	0	20.31	20.30	20.21	22.00
		25	13	20.45	20.38	20.43	22.00
		25	25	20.51	20.48	20.58	22.00
		50	0	20.17	20.13	20.04	22.00
		50	0	20.17	20.13	20.04	22.00
	256QAM	1	0	18.50	18.53	18.52	20.00
		1	25	18.39	18.42	18.44	20.00
		1	49	18.32	18.31	18.34	20.00
		25	0	18.41	18.46	18.54	20.00
		25	13	18.40	18.45	18.49	20.00
		25	25	18.21	18.22	18.14	20.00
		50	0	18.14	18.20	18.15	20.00
		50	0	18.14	18.20	18.15	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.38	23.39	23.37	25.00
		1	38	23.33	23.35	23.40	25.00
		1	74	23.26	23.31	23.36	25.00
		36	0	22.38	22.28	22.29	24.00
		36	18	22.43	22.38	22.29	24.00
		36	39	22.26	22.32	22.33	24.00
		75	0	22.30	22.39	22.41	24.00
		75	0	22.30	22.39	22.41	24.00
	16QAM	1	0	22.49	22.43	22.36	24.00
		1	38	22.28	22.24	22.28	24.00
		1	74	22.40	22.35	22.44	24.00
		36	0	21.45	21.42	21.49	23.00
		36	18	21.27	21.35	21.30	23.00
		36	39	21.39	21.43	21.50	23.00
		75	0	21.20	21.22	21.22	23.00
		75	0	21.20	21.22	21.22	23.00
	64QAM	1	0	21.43	21.44	21.48	23.00
		1	38	21.51	21.41	21.41	23.00
		1	74	21.54	21.48	21.55	23.00
		36	0	20.27	20.37	20.45	22.00
		36	18	20.50	20.45	20.47	22.00
		36	39	20.36	20.43	20.47	22.00
		75	0	20.27	20.21	20.11	22.00
		75	0	20.27	20.21	20.11	22.00
	256QAM	1	0	18.47	18.43	18.34	20.00
		1	38	18.49	18.44	18.47	20.00
		1	74	18.49	18.40	18.33	20.00
		36	0	18.41	18.46	18.42	20.00
		36	18	18.44	18.37	18.36	20.00
		36	39	18.17	18.27	18.26	20.00
		75	0	18.20	18.25	18.16	20.00
		75	0	18.20	18.25	18.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	23.41	/	25.00
		1	50	/	23.36	/	25.00
		1	99	/	23.33	/	25.00
		50	0	/	22.35	/	24.00
		50	25	/	22.37	/	24.00
		50	50	/	22.39	/	24.00
		100	0	/	22.35	/	24.00
		100	0	/	22.35	/	24.00
	16QAM	1	0	/	22.40	/	24.00
		1	50	/	22.31	/	24.00
		1	99	/	22.34	/	24.00
		50	0	/	21.34	/	23.00
		50	25	/	21.35	/	23.00
		50	50	/	21.47	/	23.00

	64QAM	100	0	/	21.31	/	23.00
		1	0	/	21.45	/	23.00
		1	50	/	21.34	/	23.00
		1	99	/	21.40	/	23.00
		50	0	/	20.28	/	22.00
		50	25	/	20.43	/	22.00
		50	50	/	20.38	/	22.00
		100	0	/	20.31	/	22.00
	256QAM	1	0	/	18.40	/	20.00
		1	50	/	18.38	/	20.00
		1	99	/	18.40	/	20.00
		50	0	/	18.37	/	20.00
		50	25	/	18.35	/	20.00
		50	50	/	18.34	/	20.00
		100	0	/	18.34	/	20.00

LTE Band 4 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.34	21.43	21.37	23.00
		1	2	21.30	21.40	21.40	23.00
		1	5	21.10	21.14	21.07	23.00
		3	0	21.28	21.23	21.27	23.00
		3	2	21.25	21.31	21.29	23.00
		3	3	21.25	21.28	21.30	23.00
	16QAM	6	0	21.19	21.27	21.08	23.00
		1	0	21.33	21.36	21.33	23.00
		1	2	21.04	21.18	21.10	23.00
		1	5	21.08	21.08	21.18	23.00
		3	0	21.08	21.17	21.19	23.00
		3	2	21.26	21.23	21.23	23.00
	64QAM	3	3	21.41	21.30	21.34	23.00
		6	0	21.27	21.21	21.09	23.00
		1	0	21.43	21.51	21.40	23.00
		1	2	21.31	21.38	21.32	23.00
		1	5	21.31	21.21	21.32	23.00
		3	0	21.39	21.32	21.35	23.00
	256QAM	3	2	21.30	21.33	21.14	23.00
		3	3	21.37	21.42	21.47	23.00
		6	0	20.35	20.19	20.17	22.00
		1	0	18.42	18.34	18.34	20.00
		1	2	18.26	18.32	18.20	20.00
		1	5	18.26	18.31	18.26	20.00
		3	0	18.33	18.27	18.29	20.00
		3	2	18.08	18.08	18.03	20.00
		3	3	18.12	18.19	18.13	20.00
		6	0	18.24	18.34	18.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.28	21.45	21.43	23.00
		1	7	21.39	21.40	21.41	23.00
		1	14	21.09	21.13	21.15	23.00
		8	0	21.30	21.20	21.22	23.00
		8	4	21.20	21.20	21.28	23.00
		8	7	21.29	21.23	21.24	23.00
	16QAM	15	0	21.18	21.26	21.16	23.00
		1	0	21.33	21.32	21.39	23.00
		1	7	21.06	21.26	21.17	23.00
		1	14	21.15	21.00	21.19	23.00
		8	0	21.07	21.17	21.12	23.00
		8	4	21.26	21.30	21.21	23.00
	64QAM	8	7	21.29	21.31	21.29	23.00
		15	0	21.24	21.26	21.19	23.00
		1	0	21.41	21.39	21.41	23.00
		1	7	21.33	21.33	21.33	23.00
		1	14	21.33	21.23	21.28	23.00
		8	0	20.14	20.17	20.15	22.00
		8	4	20.46	20.38	20.44	22.00

	256QAM	8	7	20.37	20.33	20.33	22.00
		15	0	20.20	20.11	20.21	22.00
		1	0	18.41	18.26	18.36	20.00
		1	7	18.33	18.22	18.21	20.00
		1	14	18.18	18.30	18.23	20.00
		8	0	18.25	18.25	18.35	20.00
		8	4	18.08	18.09	18.11	20.00
		8	7	18.10	18.09	18.06	20.00
		15	0	18.32	18.27	18.28	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	19975	20175	20375	23.00
		1	13	21.39	21.41	21.44	23.00
		1	24	21.38	21.32	21.39	23.00
		12	0	21.09	21.06	21.06	23.00
		12	6	21.25	21.30	21.30	23.00
		12	13	21.21	21.29	21.28	23.00
	16QAM	12	6	21.26	21.24	21.26	23.00
		25	0	21.26	21.23	21.07	23.00
		1	0	21.30	21.40	21.37	23.00
		1	13	21.15	21.24	21.19	23.00
		1	24	21.15	21.13	21.13	23.00
		12	0	21.06	21.15	21.19	23.00
	64QAM	12	6	21.22	21.26	21.21	23.00
		12	13	21.38	21.32	21.35	23.00
		25	0	21.28	21.33	21.13	23.00
		1	0	21.33	21.37	21.40	23.00
		1	13	21.27	21.31	21.26	23.00
		1	24	21.29	21.19	21.27	23.00
	256QAM	12	0	20.24	20.22	20.19	22.00
		12	6	20.52	20.47	20.38	22.00
		12	13	20.30	20.32	20.37	22.00
		25	0	20.22	20.24	20.32	22.00
		1	0	18.46	18.38	18.34	20.00
		1	13	18.37	18.26	18.15	20.00
10MHz	QPSK	1	24	18.18	18.26	18.29	20.00
		12	0	18.33	18.29	18.28	20.00
		12	6	18.15	18.13	18.10	20.00
		12	13	18.15	18.11	18.09	20.00
		25	0	18.34	18.32	18.30	20.00
		1	0	20.00	20175	20350	23.00
	16QAM	1	0	21.36	21.42	21.43	23.00
		1	25	21.35	21.38	21.45	23.00
		1	49	21.12	21.18	21.12	23.00
		25	0	21.30	21.21	21.28	23.00
		25	13	21.22	21.31	21.29	23.00
		25	25	21.28	21.17	21.28	23.00
	64QAM	50	0	21.18	21.17	21.18	23.00
		1	0	21.34	21.38	21.39	23.00
		1	25	21.18	21.17	21.18	23.00
		1	49	21.11	21.03	21.15	23.00
		25	0	21.01	21.06	21.10	23.00
		25	13	21.31	21.23	21.16	23.00
	256QAM	25	25	21.40	21.29	21.31	23.00
		50	0	21.35	21.30	21.07	23.00
		1	0	21.41	21.37	21.42	23.00
		1	25	21.21	21.24	21.33	23.00
		1	49	21.23	21.14	21.26	23.00
		25	0	20.13	20.12	20.16	22.00
Bandwidth	10MHz	25	13	20.39	20.51	20.46	22.00
		25	25	20.42	20.40	20.25	22.00
		50	0	20.33	20.13	20.18	22.00
		1	0	18.43	18.29	18.40	20.00
		1	25	18.30	18.22	18.19	20.00
		1	49	18.17	18.31	18.20	20.00
	256QAM	25	0	18.31	18.29	18.31	20.00
		25	13	18.08	18.12	18.06	20.00
		25	25	18.10	18.11	18.17	20.00
		50	0	18.32	18.28	18.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20025	20175	20325	
15MHz	QPSK	1	0	21.38	21.42	21.41	23.00
		1	38	21.38	21.40	21.42	23.00
		1	74	21.15	21.17	21.15	23.00
		36	0	21.28	21.28	21.27	23.00
		36	18	21.26	21.28	21.26	23.00
		36	39	21.32	21.27	21.28	23.00
		75	0	21.23	21.24	21.15	23.00
	16QAM	1	0	21.41	21.42	21.40	23.00
		1	38	21.15	21.23	21.21	23.00
		1	74	21.15	21.11	21.19	23.00
		36	0	21.11	21.16	21.18	23.00
		36	18	21.32	21.29	21.24	23.00
		36	39	21.39	21.36	21.39	23.00
		75	0	21.31	21.30	21.18	23.00
	64QAM	1	0	21.40	21.47	21.44	23.00
		1	38	21.30	21.35	21.35	23.00
		1	74	21.33	21.25	21.30	23.00
		36	0	20.22	20.19	20.24	22.00
		36	18	20.49	20.48	20.42	22.00
		36	39	20.40	20.40	20.33	22.00
		75	0	20.31	20.21	20.28	22.00
	256QAM	1	0	18.43	18.36	18.39	20.00
		1	38	18.37	18.33	18.25	20.00
		1	74	18.23	18.37	18.31	20.00
		36	0	18.36	18.30	18.35	20.00
		36	18	18.18	18.18	18.08	20.00
		36	39	18.15	18.09	18.17	20.00
		75	0	18.35	18.33	18.34	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	21.48	/	23.00
		1	50	/	21.33	/	23.00
		1	99	/	21.36	/	23.00
		50	0	/	21.31	/	23.00
		50	25	/	21.38	/	23.00
		50	50	/	21.38	/	23.00
		100	0	/	21.33	/	23.00
	16QAM	1	0	/	21.43	/	23.00
		1	50	/	21.29	/	23.00
		1	99	/	21.30	/	23.00
		50	0	/	21.35	/	23.00
		50	25	/	21.31	/	23.00
		50	50	/	21.44	/	23.00
		100	0	/	21.32	/	23.00
	64QAM	1	0	/	21.45	/	23.00
		1	50	/	21.29	/	23.00
		1	99	/	21.36	/	23.00
		50	0	/	20.26	/	22.00
		50	25	/	20.45	/	22.00
		50	50	/	20.39	/	22.00
		100	0	/	20.33	/	22.00
	256QAM	1	0	/	18.41	/	20.00
		1	50	/	18.40	/	20.00
		1	99	/	18.36	/	20.00
		50	0	/	18.34	/	20.00
		50	25	/	18.31	/	20.00
		50	50	/	18.33	/	20.00
		100	0	/	18.35	/	20.00

		3	3	18.38	18.26	18.24	20.00
		6	0	18.35	18.20	18.24	20.00
	16QAM	1	0	18.48	18.47	18.39	20.00
		1	2	18.33	18.16	18.35	20.00
		1	5	18.24	18.17	18.04	20.00
		3	0	18.15	18.14	18.29	20.00
		3	2	18.36	18.25	18.15	20.00
		3	3	18.45	18.40	18.32	20.00
		6	0	18.18	18.28	18.35	20.00
	64QAM	1	0	18.48	18.41	18.33	20.00
		1	2	18.39	18.31	18.24	20.00
		1	5	18.26	18.30	18.22	20.00
		3	0	18.15	18.15	18.25	20.00
		3	2	18.37	18.33	18.47	20.00
		3	3	18.35	18.39	18.28	20.00
		6	0	18.36	18.08	18.21	20.00
	256QAM	1	0	18.25	18.30	18.24	20.00
		1	2	18.23	18.24	18.17	20.00
		1	5	18.37	18.35	18.36	20.00
		3	0	18.19	18.25	18.15	20.00
		3	2	18.29	18.39	18.44	20.00
		3	3	18.22	18.22	18.17	20.00
		6	0	18.51	18.50	18.50	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.49	18.49	18.42	20.00
		1	7	18.46	18.38	18.40	20.00
		1	14	18.21	18.22	18.14	20.00
		8	0	18.32	18.33	18.29	20.00
		8	4	18.37	18.25	18.21	20.00
		8	7	18.41	18.38	18.33	20.00
		15	0	18.39	18.30	18.32	20.00
	16QAM	1	0	18.51	18.42	18.37	20.00
		1	7	18.30	18.23	18.38	20.00
		1	14	18.19	18.16	18.05	20.00
		8	0	18.12	18.13	18.21	20.00
		8	4	18.40	18.33	18.17	20.00
		8	7	18.44	18.44	18.37	20.00
		15	0	18.24	18.33	18.40	20.00
	64QAM	1	0	18.42	18.48	18.36	20.00
		1	7	18.37	18.23	18.24	20.00
		1	14	18.32	18.19	18.21	20.00
		8	0	18.13	18.12	18.27	20.00
		8	4	18.41	18.34	18.39	20.00
		8	7	18.30	18.34	18.34	20.00
		15	0	18.28	18.15	18.35	20.00
	256QAM	1	0	18.35	18.37	18.34	20.00
		1	7	18.39	18.30	18.30	20.00
		1	14	18.25	18.34	18.27	20.00
		8	0	18.27	18.20	18.29	20.00
		8	4	18.42	18.36	18.45	20.00
		8	7	18.34	18.24	18.22	20.00
		15	0	18.64	18.56	18.49	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.46	18.48	18.36	20.00
		1	13	18.47	18.37	18.35	20.00
		1	24	18.11	18.34	18.13	20.00
		12	0	18.28	18.23	18.23	20.00
		12	6	18.31	18.26	18.21	20.00
		12	13	18.44	18.34	18.33	20.00
		25	0	18.36	18.28	18.22	20.00
	16QAM	1	0	18.48	18.36	18.38	20.00
		1	13	18.36	18.25	18.36	20.00
		1	24	18.28	18.23	18.01	20.00
		12	0	18.13	18.18	18.31	20.00
		12	6	18.46	18.23	18.18	20.00
		12	13	18.46	18.43	18.34	20.00
		25	0	18.28	18.22	18.33	20.00
	64QAM	1	0	18.44	18.50	18.36	20.00

		1	13	18.31	18.25	18.26	20.00
		1	24	18.33	18.20	18.16	20.00
		12	0	18.11	18.23	18.22	20.00
		12	6	18.37	18.37	18.45	20.00
		12	13	18.32	18.29	18.31	20.00
		25	0	18.32	18.04	18.21	20.00
	256QAM	1	0	18.50	18.42	18.52	20.00
		1	13	18.30	18.36	18.34	20.00
		1	24	18.37	18.39	18.48	20.00
		12	0	18.37	18.28	18.27	20.00
		12	6	18.25	18.34	18.33	20.00
		12	13	18.16	18.19	18.28	20.00
		25	0	18.55	18.46	18.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.43	18.48	18.45	20.00
		1	25	18.41	18.42	18.45	20.00
		1	49	18.10	18.21	18.11	20.00
		25	0	18.33	18.25	18.28	20.00
		25	13	18.35	18.26	18.25	20.00
		25	25	18.36	18.29	18.29	20.00
	16QAM	50	0	18.32	18.31	18.27	20.00
		1	0	18.37	18.45	18.40	20.00
		1	25	18.37	18.21	18.37	20.00
		1	49	18.21	18.12	18.00	20.00
		25	0	18.22	18.25	18.26	20.00
		25	13	18.43	18.27	18.22	20.00
	64QAM	25	25	18.48	18.45	18.43	20.00
		50	0	18.23	18.25	18.29	20.00
		1	0	18.48	18.40	18.32	20.00
		1	25	18.37	18.31	18.27	20.00
		1	49	18.31	18.20	18.16	20.00
		25	0	18.19	18.14	18.21	20.00
	256QAM	25	13	18.40	18.40	18.42	20.00
		25	25	18.35	18.30	18.24	20.00
		50	0	18.28	18.16	18.26	20.00
		1	0	18.53	18.50	18.58	20.00
		1	25	18.31	18.36	18.28	20.00
		1	49	18.42	18.44	18.37	20.00
15MHz	QPSK	25	0	18.34	18.34	18.43	20.00
		25	13	18.28	18.33	18.27	20.00
		25	25	18.13	18.14	18.23	20.00
		50	0	18.41	18.50	18.45	20.00
	16QAM	1	0	18.50	18.49	18.46	20.00
		1	38	18.50	18.47	18.48	20.00
		1	74	18.25	18.35	18.18	20.00
		36	0	18.42	18.38	18.32	20.00
		36	18	18.42	18.33	18.27	20.00
		36	39	18.50	18.40	18.35	20.00
	64QAM	75	0	18.43	18.33	18.37	20.00
		1	0	18.51	18.49	18.50	20.00
		1	38	18.41	18.30	18.39	20.00
		1	74	18.31	18.26	18.11	20.00
		36	0	18.24	18.28	18.35	20.00
		36	18	18.47	18.35	18.23	20.00
	256QAM	36	39	18.52	18.50	18.44	20.00
		75	0	18.32	18.37	18.40	20.00
		1	0	18.51	18.52	18.40	20.00
		1	38	18.42	18.35	18.34	20.00
		1	74	18.34	18.30	18.30	20.00
		36	0	18.20	18.23	18.33	20.00
	QPSK	36	18	18.51	18.47	18.49	20.00
		36	39	18.41	18.43	18.37	20.00
		75	0	18.36	18.17	18.35	20.00
		1	0	18.47	18.50	18.44	20.00
		1	38	18.41	18.37	18.46	20.00
		1	74	18.35	18.37	18.27	20.00
	16QAM	36	0	18.26	18.36	18.31	20.00
		1	0	18.50	18.49	18.46	20.00
		1	38	18.50	18.47	18.48	20.00
		1	74	18.25	18.35	18.18	20.00

Bandwidth	Modulation	36	18	18.26	18.23	18.14	20.00
		36	39	18.28	18.24	18.19	20.00
Bandwidth	Modulation	75	0	18.52	18.44	18.44	20.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	20175	/	20.00
		1	50	/	18.54	/	20.00
		1	99	/	18.40	/	20.00
		1	99	/	18.39	/	20.00
		50	0	/	18.33	/	20.00
		50	25	/	18.42	/	20.00
		50	50	/	18.39	/	20.00
	16QAM	100	0	/	18.39	/	20.00
		1	0	/	18.51	/	20.00
		1	50	/	18.36	/	20.00
		1	99	/	18.30	/	20.00
		50	0	/	18.38	/	20.00
		50	25	/	18.40	/	20.00
		50	50	/	18.46	/	20.00
	64QAM	100	0	/	18.29	/	20.00
		1	0	/	18.45	/	20.00
		1	50	/	18.35	/	20.00
		1	99	/	18.37	/	20.00
		50	0	/	18.30	/	20.00
		50	25	/	18.44	/	20.00
		50	50	/	18.49	/	20.00
	256QAM	100	0	/	18.41	/	20.00
		1	0	/	18.41	/	20.00
		1	50	/	18.40	/	20.00
		1	99	/	18.36	/	20.00
		50	0	/	18.34	/	20.00
		50	25	/	18.31	/	20.00
		50	50	/	18.33	/	20.00
		100	0	/	18.35	/	20.00

LTE Band 5 full power/Body worn/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.91	23.88	23.78	25.00
		1	2	23.74	23.71	23.73	25.00
		1	5	23.56	23.53	23.55	25.00
		3	0	23.70	23.70	23.77	25.00
		3	2	23.38	23.41	23.45	25.00
		3	3	23.53	23.48	23.49	25.00
		6	0	22.63	22.66	22.62	24.00
	16QAM	1	0	22.73	22.83	22.83	24.00
		1	2	22.70	22.80	22.71	24.00
		1	5	22.71	22.75	22.69	24.00
		3	0	22.52	22.42	22.42	24.00
		3	2	22.39	22.40	22.47	24.00
		3	3	22.85	22.75	22.66	24.00
		6	0	21.78	21.72	21.72	23.00
	64QAM	1	0	21.38	21.47	21.55	23.00
		1	2	21.60	21.52	21.61	23.00
		1	5	21.46	21.52	21.61	23.00
		3	0	21.62	21.64	21.56	23.00
		3	2	21.71	21.69	21.65	23.00
		3	3	21.62	21.61	21.58	23.00
		6	0	20.78	20.75	20.79	22.00
	256QAM	1	0	18.73	18.66	18.59	20.00
		1	2	18.67	18.74	18.74	20.00
		1	5	18.69	18.66	18.67	20.00
		3	0	18.67	18.67	18.73	20.00
		3	2	18.53	18.62	18.60	20.00
		3	3	18.75	18.78	18.73	20.00
		6	0	18.68	18.62	18.68	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.79	23.80	23.88	25.00

		1	7	23.80	23.79	23.83	25.00
		1	14	23.48	23.48	23.46	25.00
		8	0	22.69	22.72	22.75	24.00
		8	4	22.43	22.46	22.56	24.00
		8	7	22.49	22.53	22.61	24.00
		15	0	22.64	22.71	22.73	24.00
	16QAM	1	0	22.84	22.75	22.71	24.00
		1	7	22.81	22.74	22.72	24.00
		1	14	22.82	22.79	22.72	24.00
		8	0	21.48	21.50	21.49	23.00
		8	4	21.42	21.50	21.56	23.00
		8	7	21.72	21.68	21.69	23.00
	64QAM	15	0	21.77	21.69	21.79	23.00
		1	0	21.45	21.50	21.49	23.00
		1	7	21.59	21.59	21.50	23.00
		1	14	21.55	21.46	21.41	23.00
		8	0	20.68	20.62	20.58	22.00
		8	4	20.70	20.64	20.54	22.00
	256QAM	8	7	20.54	20.59	20.49	22.00
		15	0	20.80	20.70	20.73	22.00
		1	0	18.57	18.66	18.68	20.00
		1	7	18.84	18.75	18.74	20.00
		1	14	18.60	18.66	18.61	20.00
		8	0	18.79	18.77	18.85	20.00
5MHz	QPSK	8	4	18.73	18.65	18.74	20.00
		8	7	18.69	18.69	18.60	20.00
		15	0	18.74	18.67	18.67	20.00
	16QAM	1	0	23.73	23.75	23.75	25.00
		1	13	23.67	23.73	23.75	25.00
		1	24	23.57	23.56	23.50	25.00
	64QAM	12	0	22.70	22.66	22.60	24.00
		12	6	22.51	22.55	22.63	24.00
		12	13	22.57	22.59	22.67	24.00
	256QAM	25	0	22.68	22.62	22.54	24.00
		1	0	22.72	22.72	22.67	24.00
		1	13	22.74	22.64	22.69	24.00
	16QAM	1	24	22.60	22.70	22.61	24.00
		12	0	21.49	21.56	21.59	23.00
		12	6	21.53	21.55	21.50	23.00
	64QAM	12	13	21.66	21.63	21.73	23.00
		25	0	21.82	21.73	21.69	23.00
	256QAM	1	0	21.66	21.56	21.48	23.00
		1	13	21.57	21.64	21.54	23.00
		1	24	21.57	21.54	21.53	23.00
10MHz	QPSK	12	0	20.70	20.62	20.53	22.00
		12	6	20.64	20.69	20.70	22.00
		12	13	20.68	20.65	20.63	22.00
		25	0	20.72	20.72	20.67	22.00
	16QAM	1	0	18.62	18.69	18.64	20.00
		1	13	18.67	18.75	18.72	20.00
	64QAM	1	24	18.74	18.68	18.71	20.00
		12	0	18.64	18.71	18.79	20.00
		12	6	18.65	18.70	18.79	20.00
	256QAM	12	13	18.57	18.62	18.60	20.00
		25	0	18.55	18.63	18.72	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
	QPSK	1	0	23.73	23.75	23.75	25.00
		1	13	23.67	23.73	23.75	25.00
		1	24	23.57	23.56	23.50	25.00
	16QAM	12	0	22.70	22.66	22.60	24.00
		12	6	22.51	22.55	22.63	24.00
		12	13	22.57	22.59	22.67	24.00
	64QAM	25	0	22.68	22.62	22.54	24.00
		1	0	22.72	22.72	22.67	24.00
		1	13	22.74	22.64	22.69	24.00
	256QAM	1	24	22.60	22.70	22.61	24.00
		12	0	21.49	21.56	21.59	23.00
		12	6	21.53	21.55	21.50	23.00
	16QAM	12	13	21.66	21.63	21.73	23.00
		25	0	21.82	21.73	21.69	23.00
	64QAM	1	0	21.66	21.56	21.48	23.00
		1	13	21.57	21.64	21.54	23.00
		1	24	21.57	21.54	21.53	23.00
Bandwidth	QPSK	12	0	20.70	20.62	20.53	22.00
		12	6	20.64	20.69	20.70	22.00
		12	13	20.68	20.65	20.63	22.00
		25	0	20.72	20.72	20.67	22.00
	16QAM	1	0	18.62	18.69	18.64	20.00
		1	13	18.67	18.75	18.72	20.00
	64QAM	1	24	18.74	18.68	18.71	20.00
		12	0	18.64	18.71	18.79	20.00
		12	6	18.65	18.70	18.79	20.00
	256QAM	12	13	18.57	18.62	18.60	20.00
		25	0	18.55	18.63	18.72	20.00
10MHz	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
	QPSK	1	0	/	23.76	/	25.00
		1	25	/	23.67	/	25.00
		1	49	/	23.65	/	25.00
		25	0	/	22.66	/	24.00
		25	13	/	22.63	/	24.00
		25	25	/	22.62	/	24.00
	16QAM	50	0	/	22.64	/	24.00
		1	0	/	22.63	/	24.00
		1	25	/	22.69	/	24.00
		1	49	/	22.64	/	24.00
		25	0	/	21.62	/	23.00

		25	13	/	21.61	/	23.00
		25	25	/	21.62	/	23.00
		50	0	/	21.64	/	23.00
	64QAM	1	0	/	21.66	/	23.00
		1	25	/	21.67	/	23.00
		1	49	/	21.62	/	23.00
		25	0	/	20.61	/	22.00
		25	13	/	20.64	/	22.00
		25	25	/	20.64	/	22.00
		50	0	/	20.62	/	22.00
	256QAM	1	0	/	18.68	/	20.00
		1	25	/	18.69	/	20.00
		1	49	/	18.66	/	20.00
		25	0	/	18.66	/	20.00
		25	13	/	18.67	/	20.00
		25	25	/	18.69	/	20.00
		50	0	/	18.66	/	20.00

LTE Band 5 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.77	21.81	21.71	23.00
		1	2	21.62	21.54	21.57	23.00
		1	5	21.60	21.61	21.70	23.00
		3	0	21.66	21.60	21.57	23.00
		3	2	21.84	21.77	21.76	23.00
		3	3	21.65	21.68	21.63	23.00
	16QAM	6	0	21.70	21.64	21.58	23.00
		1	0	21.41	21.44	21.46	23.00
		1	2	21.79	21.75	21.73	23.00
		1	5	21.57	21.63	21.61	23.00
		3	0	21.43	21.50	21.53	23.00
		3	2	21.58	21.64	21.62	23.00
	64QAM	3	3	21.79	21.72	21.68	23.00
		6	0	21.76	21.76	21.70	23.00
		1	0	21.62	21.57	21.60	23.00
		1	2	21.59	21.62	21.70	23.00
		1	5	21.66	21.74	21.75	23.00
		3	0	21.81	21.76	21.75	23.00
	256QAM	3	2	21.66	21.73	21.66	23.00
		3	3	21.57	21.58	21.57	23.00
		6	0	20.65	20.72	20.82	22.00
		1	0	18.82	18.72	18.66	20.00
		1	2	18.79	18.79	18.72	20.00
		1	5	18.85	18.77	18.84	20.00
		3	0	18.57	18.65	18.64	20.00
		3	2	18.80	18.75	18.76	20.00
3MHz	QPSK	3	3	18.71	18.64	18.73	20.00
		6	0	18.51	18.55	18.52	20.00
		1	0	21.76	21.74	21.71	23.00
		1	7	21.62	21.61	21.54	23.00
		1	14	21.44	21.53	21.48	23.00
		8	0	21.51	21.51	21.45	23.00
		8	4	21.60	21.69	21.62	23.00
	16QAM	8	7	21.70	21.61	21.67	23.00
		15	0	21.58	21.62	21.52	23.00
		1	0	21.52	21.53	21.49	23.00
		1	7	21.76	21.71	21.80	23.00
		1	14	21.51	21.54	21.64	23.00
		8	0	21.44	21.46	21.56	23.00
		8	4	21.76	21.73	21.65	23.00
	64QAM	8	7	21.58	21.64	21.56	23.00
		15	0	21.72	21.71	21.73	23.00
		1	0	21.64	21.63	21.65	23.00
		1	7	21.69	21.64	21.67	23.00
		1	14	21.70	21.66	21.76	23.00

	256QAM	8	0	20.73	20.82	20.82	22.00
		8	4	20.62	20.67	20.71	22.00
		8	7	20.52	20.58	20.64	22.00
		15	0	20.67	20.67	20.68	22.00
		1	0	18.70	18.74	18.75	20.00
		1	7	18.74	18.70	18.68	20.00
		1	14	18.80	18.70	18.69	20.00
		8	0	18.60	18.60	18.66	20.00
		8	4	18.59	18.68	18.72	20.00
		8	7	18.56	18.55	18.48	20.00
		15	0	18.69	18.59	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.67	21.67	21.63	23.00
		1	13	21.51	21.59	21.57	23.00
		1	24	21.58	21.61	21.67	23.00
		12	0	21.59	21.53	21.46	23.00
		12	6	21.70	21.71	21.62	23.00
		12	13	21.54	21.57	21.57	23.00
	16QAM	25	0	21.61	21.64	21.57	23.00
		1	0	21.47	21.54	21.47	23.00
		1	13	21.71	21.67	21.71	23.00
		1	24	21.66	21.64	21.63	23.00
		12	0	21.47	21.48	21.44	23.00
		12	6	21.67	21.68	21.71	23.00
	64QAM	12	13	21.54	21.55	21.65	23.00
		25	0	21.65	21.63	21.73	23.00
		1	0	21.59	21.55	21.46	23.00
		1	13	21.62	21.71	21.73	23.00
		1	24	21.63	21.67	21.61	23.00
		12	0	20.64	20.72	20.68	22.00
	256QAM	12	6	20.72	20.68	20.69	22.00
		12	13	20.50	20.56	20.46	22.00
		25	0	20.51	20.61	20.57	22.00
		1	0	18.64	18.67	18.64	20.00
		1	13	18.78	18.79	18.75	20.00
		1	24	18.56	18.60	18.57	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	21.73	/	23.00
		1	25	/	21.65	/	23.00
		1	49	/	21.64	/	23.00
		25	0	/	21.63	/	23.00
		25	13	/	21.61	/	23.00
		25	25	/	21.64	/	23.00
	16QAM	50	0	/	21.60	/	23.00
		1	0	/	21.63	/	23.00
		1	25	/	21.65	/	23.00
		1	49	/	21.63	/	23.00
		25	0	/	21.58	/	23.00
		25	13	/	21.58	/	23.00
	64QAM	25	25	/	21.64	/	23.00
		50	0	/	21.65	/	23.00
		1	0	/	21.62	/	23.00
		1	25	/	21.63	/	23.00
		1	49	/	21.64	/	23.00
		25	0	/	20.62	/	22.00
	256QAM	25	13	/	20.62	/	22.00
		25	25	/	20.62	/	22.00
		50	0	/	20.64	/	22.00
		1	0	/	18.67	/	20.00
		1	25	/	18.69	/	20.00
		1	49	/	18.66	/	20.00
		25	0	/	18.66	/	20.00
		25	13	/	18.68	/	20.00
		25	25	/	18.66	/	20.00
		25	25	/	18.66	/	20.00

		50	0	/	18.67	/	20.00
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LTE Band 5 Head For Simultaneous				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	18.78	18.70	18.61	20.00
		1	2	18.59	18.61	18.54	20.00
		1	5	18.53	18.57	18.61	20.00
		3	0	18.56	18.50	18.40	20.00
		3	2	18.61	18.62	18.61	20.00
		3	3	18.62	18.58	18.56	20.00
		6	0	18.75	18.65	18.57	20.00
	16QAM	1	0	18.54	18.57	18.67	20.00
		1	2	18.76	18.76	18.82	20.00
		1	5	18.53	18.53	18.51	20.00
		3	0	18.46	18.51	18.57	20.00
		3	2	18.67	18.72	18.72	20.00
		3	3	18.61	18.67	18.62	20.00
		6	0	18.56	18.65	18.65	20.00
	64QAM	1	0	18.50	18.54	18.49	20.00
		1	2	18.66	18.70	18.67	20.00
		1	5	18.76	18.71	18.77	20.00
		3	0	18.81	18.74	18.80	20.00
		3	2	18.62	18.63	18.59	20.00
		3	3	18.46	18.51	18.49	20.00
		6	0	18.78	18.68	18.63	20.00
	256QAM	1	0	18.67	18.72	18.70	20.00
		1	2	18.80	18.70	18.75	20.00
		1	5	18.55	18.63	18.55	20.00
		3	0	18.61	18.69	18.72	20.00
		3	2	18.53	18.60	18.62	20.00
		3	3	18.61	18.51	18.53	20.00
		6	0	18.66	18.67	18.73	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	21.76	21.74	21.71	23.00
		1	7	21.62	21.61	21.54	23.00
		1	14	21.44	21.53	21.48	23.00
		8	0	21.51	21.51	21.45	23.00
		8	4	21.60	21.69	21.62	23.00
		8	7	21.70	21.61	21.67	23.00
		15	0	21.58	21.62	21.52	23.00
	16QAM	1	0	21.52	21.53	21.49	23.00
		1	7	21.76	21.71	21.80	23.00
		1	14	21.51	21.54	21.64	23.00
		8	0	21.44	21.46	21.56	23.00
		8	4	21.76	21.73	21.65	23.00
		8	7	21.58	21.64	21.56	23.00
	64QAM	15	0	21.72	21.71	21.73	23.00
		1	0	21.64	21.63	21.65	23.00
		1	7	21.69	21.64	21.67	23.00
		1	14	21.70	21.66	21.76	23.00
		8	0	20.73	20.82	20.82	22.00
		8	4	20.62	20.67	20.71	22.00
		8	7	20.52	20.58	20.64	22.00
	256QAM	15	0	20.67	20.67	20.68	22.00
		1	0	18.70	18.74	18.75	20.00
		1	7	18.74	18.70	18.68	20.00
		1	14	18.80	18.70	18.69	20.00
		8	0	18.60	18.60	18.66	20.00
		8	4	18.59	18.68	18.72	20.00
		8	7	18.56	18.55	18.48	20.00
		15	0	18.69	18.59	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.67	21.67	21.63	23.00
		1	13	21.51	21.59	21.57	23.00
		1	24	21.58	21.61	21.67	23.00

		12	0	21.59	21.53	21.46	23.00
		12	6	21.70	21.71	21.62	23.00
		12	13	21.54	21.57	21.57	23.00
		25	0	21.61	21.64	21.57	23.00
	16QAM	1	0	21.47	21.54	21.47	23.00
		1	13	21.71	21.67	21.71	23.00
		1	24	21.66	21.64	21.63	23.00
		12	0	21.47	21.48	21.44	23.00
		12	6	21.67	21.68	21.71	23.00
		12	13	21.54	21.55	21.65	23.00
		25	0	21.65	21.63	21.73	23.00
	64QAM	1	0	21.59	21.55	21.46	23.00
		1	13	21.62	21.71	21.73	23.00
		1	24	21.63	21.67	21.61	23.00
		12	0	20.64	20.72	20.68	22.00
		12	6	20.72	20.68	20.69	22.00
		12	13	20.50	20.56	20.46	22.00
		25	0	20.51	20.61	20.57	22.00
	256QAM	1	0	18.64	18.67	18.64	20.00
		1	13	18.78	18.79	18.75	20.00
		1	24	18.56	18.60	18.57	20.00
		12	0	18.58	18.68	18.71	20.00
		12	6	18.73	18.75	18.73	20.00
		12	13	18.58	18.62	18.67	20.00
		25	0	18.76	18.68	18.59	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	20525	/	23.00
		1	25	/	21.65	/	23.00
		1	49	/	21.64	/	23.00
		25	0	/	21.63	/	23.00
		25	13	/	21.61	/	23.00
		25	25	/	21.64	/	23.00
		50	0	/	21.60	/	23.00
	16QAM	1	0	/	21.63	/	23.00
		1	25	/	21.65	/	23.00
		1	49	/	21.63	/	23.00
		25	0	/	21.58	/	23.00
		25	13	/	21.58	/	23.00
		25	25	/	21.64	/	23.00
		50	0	/	21.65	/	23.00
	64QAM	1	0	/	21.62	/	23.00
		1	25	/	21.63	/	23.00
		1	49	/	21.64	/	23.00
		25	0	/	20.62	/	22.00
		25	13	/	20.62	/	22.00
		25	25	/	20.62	/	22.00
		50	0	/	20.64	/	22.00
	256QAM	1	0	/	18.67	/	20.00
		1	25	/	18.69	/	20.00
		1	49	/	18.66	/	20.00
		25	0	/	18.66	/	20.00
		25	13	/	18.68	/	20.00
		25	25	/	18.66	/	20.00
		50	0	/	18.67	/	20.00

LTE Band 5 Body worn For Simultaneous				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	20407	20525	20643	23.50
		1	2	22.25	22.24	22.16	23.50
		1	5	22.12	22.16	22.09	23.50
		3	0	22.23	22.15	22.18	23.50
		3	2	22.02	22.05	22.00	23.50
		3	3	22.29	22.26	22.19	23.50
		6	0	22.11	22.21	22.21	23.50
	16QAM	1	0	22.05	22.13	22.20	23.50
		1	2	22.27	22.20	22.17	23.50

		1	5	21.83	21.89	21.97	23.50
		3	0	22.18	22.28	22.32	23.50
		3	2	21.81	21.86	21.92	23.50
		3	3	22.15	22.08	22.10	23.50
		6	0	21.92	21.86	21.89	23.00
	64QAM	1	0	21.75	21.77	21.73	23.00
		1	2	21.77	21.75	21.65	23.00
		1	5	21.77	21.74	21.76	23.00
		3	0	21.68	21.60	21.51	23.00
		3	2	21.69	21.69	21.76	23.00
		3	3	21.60	21.62	21.62	23.00
		6	0	20.65	20.75	20.67	22.00
	256QAM	1	0	18.74	18.71	18.69	20.00
		1	2	19.02	18.93	19.01	20.00
		1	5	18.86	18.93	18.92	20.00
		3	0	18.61	18.59	18.57	20.00
		3	2	18.82	18.74	18.65	20.00
		3	3	18.70	18.72	18.77	20.00
		6	0	18.75	18.81	18.72	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20415	20525	20635	23.50
		1	7	22.31	22.31	22.30	23.50
		1	14	22.15	22.16	22.25	23.50
		8	0	22.33	22.23	22.27	23.50
		8	4	22.25	22.17	22.21	23.50
		8	7	21.94	22.04	22.04	23.50
	16QAM	8	7	22.16	22.26	22.22	23.50
		15	0	22.17	22.19	22.09	23.50
		1	0	22.16	22.18	22.28	23.50
		1	7	22.15	22.12	22.11	23.50
		1	14	21.99	21.97	22.03	23.50
		8	0	21.64	21.70	21.61	23.00
	64QAM	8	4	21.51	21.44	21.47	23.00
		8	7	21.57	21.53	21.43	23.00
		15	0	21.85	21.76	21.80	23.00
		1	0	21.65	21.70	21.80	23.00
		1	7	21.74	21.69	21.68	23.00
		1	14	21.67	21.72	21.82	23.00
	256QAM	8	0	20.52	20.51	20.48	22.00
		8	4	20.72	20.65	20.74	22.00
		8	7	20.74	20.72	20.76	22.00
		15	0	20.86	20.79	20.74	22.00
		1	0	18.67	18.64	18.59	20.00
		1	7	18.87	18.83	18.79	20.00
5MHz	QPSK	1	14	18.73	18.83	18.87	20.00
		8	0	18.77	18.68	18.70	20.00
		8	4	18.76	18.67	18.72	20.00
		8	7	18.71	18.65	18.75	20.00
		15	0	18.82	18.80	18.76	20.00
		1	0	22.22	22.32	22.31	23.50
	16QAM	1	13	22.29	22.26	22.36	23.50
		1	24	22.19	22.27	22.31	23.50
		12	0	22.30	22.23	22.14	23.50
		12	6	22.16	22.13	22.19	23.50
		12	13	22.20	22.23	22.28	23.50
		25	0	22.06	22.16	22.21	23.50
	64QAM	1	0	22.25	22.16	22.15	23.50
		1	13	22.23	22.16	22.14	23.50
		1	24	21.97	22.04	22.07	23.50
		12	0	21.64	21.60	21.66	23.00
		12	6	21.43	21.43	21.47	23.00
		12	13	21.62	21.63	21.72	23.00
	QPSK	25	0	21.74	21.73	21.78	23.00
		1	0	21.63	21.69	21.75	23.00
		1	13	21.81	21.76	21.82	23.00
		1	24	21.57	21.64	21.69	23.00
		12	0	20.44	20.49	20.39	22.00
		12	6	20.61	20.64	20.74	22.00
	16QAM	1	0	20.45	20.55	20.65	23.00
		1	13	20.46	20.56	20.66	23.00
		1	24	20.47	20.57	20.67	23.00
		12	0	20.48	20.58	20.68	23.00
	64QAM	1	0	20.49	20.59	20.69	23.00
		1	13	20.50	20.60	20.70	23.00
		1	24	20.51	20.61	20.71	23.00
		12	0	20.52	20.62	20.72	23.00

		12	13	20.70	20.73	20.82	22.00
		25	0	20.72	20.70	20.76	22.00
	256QAM	1	0	18.58	18.57	18.48	20.00
		1	13	18.79	18.77	18.76	20.00
		1	24	18.79	18.74	18.80	20.00
		12	0	18.66	18.64	18.72	20.00
		12	6	18.54	18.59	18.49	20.00
		12	13	18.60	18.69	18.64	20.00
		25	0	18.67	18.70	18.66	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	20525	/	
		1	25	/	22.32	/	23.50
		1	49	/	22.19	/	23.50
		25	0	/	22.19	/	23.50
		25	13	/	22.17	/	23.50
		25	25	/	22.06	/	23.50
	16QAM	25	0	/	22.13	/	23.50
		50	0	/	22.12	/	23.50
		1	0	/	22.13	/	23.50
		1	25	/	22.19	/	23.50
		1	49	/	22.12	/	23.50
		25	0	/	21.55	/	23.00
	64QAM	25	13	/	21.53	/	23.00
		25	25	/	21.63	/	23.00
		50	0	/	21.67	/	23.00
		1	0	/	21.59	/	23.00
		1	25	/	21.67	/	23.00
		1	49	/	21.59	/	23.00
	256QAM	25	0	/	20.57	/	22.00
		25	13	/	20.64	/	22.00
		25	25	/	20.70	/	22.00
		50	0	/	20.70	/	22.00
		1	0	/	18.66	/	20.00
		1	25	/	18.75	/	20.00
	256QAM	1	49	/	18.69	/	20.00
		25	0	/	18.65	/	20.00
		25	13	/	18.69	/	20.00
		25	25	/	18.75	/	20.00
		50	0	/	18.69	/	20.00

LTE Band 7 full power/Head/Body worn/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20775	21100	21425	
		1	13	21.90	21.83	21.62	23.50
		1	24	21.73	21.79	21.59	23.50
		12	0	21.58	21.82	21.70	23.50
		12	6	20.74	20.98	20.96	22.50
		12	13	20.75	20.76	20.71	22.50
	16QAM	12	6	20.75	20.99	20.64	22.50
		25	0	21.02	20.80	20.67	22.50
		1	0	20.79	20.67	20.64	22.50
		1	13	20.73	20.65	20.80	22.50
		1	24	20.78	20.58	20.53	22.50
		12	0	19.80	19.96	19.71	21.50
	64QAM	12	6	19.68	19.66	19.72	21.50
		12	13	19.77	19.80	19.86	21.50
		25	0	20.02	19.87	19.96	21.50
		1	0	19.71	19.90	19.82	21.50
		1	13	19.95	19.94	19.69	21.50
		1	24	19.80	19.76	19.82	21.50
	256QAM	12	0	18.78	19.00	18.70	20.50
		12	6	18.82	18.84	18.88	20.50
		12	13	18.73	18.89	18.66	20.50
		25	0	18.55	18.79	18.67	20.50
		1	0	16.79	16.98	16.68	18.50
		1	13	16.73	16.59	16.62	18.50
	256QAM	1	24	16.75	16.85	16.67	18.50
		12	0	16.85	16.71	16.81	18.50

		12	6	16.81	16.89	16.98	18.50
		12	13	16.81	16.88	16.78	18.50
		25	0	16.70	16.76	16.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.92	21.83	21.60	23.50
		1	25	21.67	21.74	21.67	23.50
		1	49	21.68	21.92	21.70	23.50
		25	0	20.71	20.98	20.86	22.50
		25	13	20.71	20.86	20.72	22.50
		25	25	20.80	20.95	20.69	22.50
		50	0	20.92	20.84	20.63	22.50
	16QAM	1	0	20.89	20.66	20.68	22.50
		1	25	20.80	20.75	20.79	22.50
		1	49	20.77	20.67	20.63	22.50
		25	0	19.80	19.87	19.68	21.50
		25	13	19.71	19.71	19.70	21.50
		25	25	19.71	19.88	19.85	21.50
		50	0	19.97	19.80	19.89	21.50
	64QAM	1	0	19.69	19.92	19.83	21.50
		1	25	19.94	19.88	19.79	21.50
		1	49	19.77	19.79	19.77	21.50
		25	0	18.86	18.97	18.73	20.50
		25	13	18.81	18.76	18.79	20.50
		25	25	18.81	18.79	18.60	20.50
		50	0	18.61	18.82	18.74	20.50
	256QAM	1	0	16.71	16.93	16.70	18.50
		1	25	16.81	16.69	16.72	18.50
		1	49	16.68	16.93	16.59	18.50
		25	0	16.75	16.63	16.77	18.50
		25	13	16.72	16.80	16.95	18.50
		25	25	16.73	16.78	16.87	18.50
		50	0	16.79	16.80	16.84	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.82	21.90	21.67	23.50
		1	38	21.70	21.81	21.74	23.50
		1	74	21.76	21.82	21.68	23.50
		36	0	20.65	20.90	20.87	22.50
		36	18	20.77	20.83	20.75	22.50
		36	39	20.71	20.90	20.70	22.50
		75	0	20.92	20.79	20.73	22.50
	16QAM	1	0	20.82	20.73	20.77	22.50
		1	38	20.77	20.83	20.76	22.50
		1	74	20.73	20.72	20.64	22.50
		36	0	19.75	19.77	19.66	21.50
		36	18	19.72	19.79	19.72	21.50
		36	39	19.76	19.81	19.87	21.50
		75	0	19.89	19.82	19.90	21.50
	64QAM	1	0	19.72	19.88	19.75	21.50
		1	38	19.89	19.79	19.72	21.50
		1	74	19.77	19.88	19.84	21.50
		36	0	18.85	18.91	18.79	20.50
		36	18	18.75	18.75	18.75	20.50
		36	39	18.78	18.84	18.67	20.50
		75	0	18.64	18.77	18.81	20.50
	256QAM	1	0	16.73	16.86	16.65	18.50
		1	38	16.71	16.79	16.67	18.50
		1	74	16.77	16.83	16.60	18.50
		36	0	16.73	16.70	16.68	18.50
		36	18	16.72	16.87	16.94	18.50
		36	39	16.63	16.81	16.80	18.50
		75	0	16.84	16.89	16.80	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.73	21.84	21.75	23.50
		1	50	21.73	21.72	21.76	23.50
		1	99	21.73	21.81	21.72	23.50
		50	0	20.74	20.84	20.86	22.50
		50	25	20.80	20.83	20.84	22.50

		50	50	20.76	20.83	20.77	22.50
		100	0	20.84	20.78	20.79	22.50
	16QAM	1	0	20.74	20.77	20.75	22.50
		1	50	20.82	20.88	20.79	22.50
		1	99	20.72	20.78	20.67	22.50
		50	0	19.73	19.78	19.76	21.50
		50	25	19.76	19.77	19.74	21.50
		50	50	19.80	19.76	19.84	21.50
		100	0	19.80	19.82	19.83	21.50
	64QAM	1	0	19.73	19.80	19.79	21.50
		1	50	19.80	19.73	19.79	21.50
		1	99	19.79	19.78	19.83	21.50
		50	0	18.82	18.81	18.75	20.50
		50	25	18.77	18.76	18.71	20.50
		50	50	18.69	18.74	18.71	20.50
		100	0	18.74	18.72	18.78	20.50
	256QAM	1	0	16.77	16.77	16.71	18.50
		1	50	16.80	16.82	16.75	18.50
		1	99	16.74	16.82	16.68	18.50
		50	0	16.72	16.76	16.68	18.50
		50	25	16.75	16.79	16.87	18.50
		50	50	16.73	16.79	16.71	18.50
		100	0	16.81	16.86	16.76	18.50

LTE FDD Band 12 full power/Head/Body worn/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.37	23.47	23.47	25.00
		1	2	23.33	23.23	23.32	25.00
		1	5	23.12	23.20	23.12	25.00
		3	0	23.21	23.17	23.22	25.00
		3	2	23.36	23.29	23.39	25.00
		3	3	23.21	23.14	23.21	25.00
	16QAM	6	0	22.24	22.31	22.33	24.00
		1	0	22.24	22.20	22.22	24.00
		1	2	22.18	22.18	22.27	24.00
		1	5	22.32	22.24	22.25	24.00
		3	0	22.06	22.04	22.12	24.00
		3	2	22.40	22.33	22.35	24.00
	64QAM	3	3	22.22	22.27	22.30	24.00
		6	0	21.17	21.20	21.11	23.00
		1	0	21.02	21.07	21.12	23.00
		1	2	21.08	21.05	21.00	23.00
		1	5	21.37	21.39	21.47	23.00
		3	0	21.34	21.27	21.33	23.00
	256QAM	3	2	21.18	21.19	21.14	23.00
		3	3	21.34	21.30	21.25	23.00
		6	0	20.15	20.17	20.08	22.00
		1	0	18.42	18.42	18.35	20.00
		1	2	18.52	18.42	18.48	20.00
		1	5	18.15	18.11	18.02	20.00
3MHz	QPSK	3	0	18.25	18.15	18.12	20.00
		3	2	18.25	18.25	18.26	20.00
		3	3	18.24	18.14	18.04	20.00
		6	0	18.44	18.40	18.38	20.00
	16QAM	1	0	23.42	23.51	23.58	25.00
		1	7	23.12	23.21	23.14	25.00
		1	14	23.23	23.17	23.14	25.00
		8	0	22.04	22.12	22.02	24.00
		8	4	22.41	22.38	22.41	24.00
		8	7	22.29	22.21	22.20	24.00
		15	0	22.20	22.21	22.16	24.00
		1	0	22.24	22.14	22.09	24.00
	16QAM	1	7	22.20	22.19	22.14	24.00
		1	14	22.24	22.21	22.21	24.00
		8	0	21.21	21.11	21.16	23.00

		8	4	21.18	21.24	21.16	23.00
		8	7	21.19	21.20	21.24	23.00
		15	0	21.24	21.24	21.18	23.00
		1	0	21.05	21.14	21.05	23.00
		1	7	21.16	21.15	21.22	23.00
	64QAM	1	14	21.31	21.34	21.28	23.00
		8	0	20.19	20.23	20.18	22.00
		8	4	20.27	20.28	20.34	22.00
		8	7	20.33	20.25	20.17	22.00
		15	0	20.21	20.23	20.23	22.00
	256QAM	1	0	18.28	18.32	18.39	20.00
		1	7	18.32	18.36	18.33	20.00
		1	14	18.16	18.15	18.23	20.00
		8	0	18.03	18.07	18.12	20.00
		8	4	18.27	18.25	18.31	20.00
		8	7	18.31	18.22	18.16	20.00
		15	0	18.38	18.35	18.33	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.34	23.41	23.47	25.00
		1	13	23.26	23.23	23.20	25.00
		1	24	23.30	23.26	23.29	25.00
		12	0	22.26	22.20	22.17	24.00
		12	6	22.42	22.34	22.26	24.00
		12	13	22.27	22.24	22.18	24.00
	16QAM	25	0	22.22	22.20	22.26	24.00
		1	0	22.05	22.14	22.18	24.00
		1	13	22.27	22.18	22.14	24.00
		1	24	22.35	22.28	22.18	24.00
		12	0	21.19	21.18	21.11	23.00
		12	6	21.04	21.14	21.20	23.00
	64QAM	12	13	21.21	21.13	21.15	23.00
		25	0	21.31	21.25	21.30	23.00
		1	0	21.16	21.17	21.26	23.00
		1	13	21.31	21.23	21.15	23.00
		1	24	21.43	21.37	21.27	23.00
		12	0	20.25	20.15	20.17	22.00
	256QAM	12	6	20.26	20.36	20.32	22.00
		12	13	20.32	20.35	20.42	22.00
		25	0	20.27	20.22	20.25	22.00
		1	0	18.18	18.22	18.23	20.00
		1	13	18.38	18.30	18.22	20.00
		1	24	18.26	18.24	18.21	20.00
		12	0	18.13	18.17	18.22	20.00
		12	6	18.21	18.18	18.19	20.00
	QPSK	12	13	18.21	18.24	18.18	20.00
		25	0	18.34	18.26	18.34	20.00
	16QAM	1	0	/	23095	/	Tune up
		1	25	/	/	/	
		1	49	/	23.21	/	25.00
		25	0	/	22.18	/	24.00
		25	13	/	22.28	/	24.00
		25	25	/	22.23	/	24.00
	64QAM	50	0	/	22.18	/	24.00
		1	0	/	22.24	/	24.00
		1	25	/	22.27	/	24.00
		1	49	/	22.26	/	24.00
		25	0	/	21.25	/	23.00
		25	13	/	21.19	/	23.00
	256QAM	25	25	/	21.23	/	23.00
		50	0	/	21.20	/	23.00
		1	0	/	21.24	/	23.00
		1	25	/	21.20	/	23.00
		1	49	/	21.28	/	23.00
		25	0	/	20.24	/	22.00
		25	13	/	20.31	/	22.00
	64QAM	25	25	/	20.29	/	22.00
		50	0	/	20.23	/	22.00

	256QAM	1	0	/	18.29	/	20.00
		1	25	/	18.27	/	20.00
		1	49	/	18.22	/	20.00
		25	0	/	18.19	/	20.00
		25	13	/	18.25	/	20.00
		25	25	/	18.25	/	20.00
		50	0	/	18.23	/	20.00

LTE FDD Band 14 full power/Head/Body worn/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	23.42	/	25.00
		1	13	/	23.50	/	25.00
		1	24	/	23.40	/	25.00
		12	0	/	22.45	/	24.00
		12	6	/	22.31	/	24.00
		12	13	/	22.35	/	24.00
	16QAM	25	0	/	22.32	/	24.00
		1	0	/	22.42	/	24.00
		1	13	/	22.34	/	24.00
		1	24	/	22.36	/	24.00
		12	0	/	21.45	/	23.00
		12	6	/	21.51	/	23.00
	64QAM	12	13	/	21.32	/	23.00
		25	0	/	21.30	/	23.00
		1	0	/	21.51	/	23.00
		1	13	/	21.44	/	23.00
		1	24	/	21.32	/	23.00
		12	0	/	20.37	/	22.00
	256QAM	12	6	/	20.36	/	22.00
		12	13	/	20.43	/	22.00
		25	0	/	20.30	/	22.00
		1	0	/	18.31	/	20.00
		1	13	/	18.47	/	20.00
		1	24	/	18.31	/	20.00
10MHz	QPSK	12	0	/	18.52	/	20.00
		12	6	/	18.41	/	20.00
		12	13	/	18.32	/	20.00
		25	0	/	18.34	/	20.00
	16QAM	1	0	/	23.5	/	25.00
		1	25	/	23.41	/	25.00
		1	49	/	23.42	/	25.00
		25	0	/	22.43	/	24.00
		25	13	/	22.36	/	24.00
		25	25	/	22.35	/	24.00
	64QAM	50	0	/	22.39	/	24.00
		1	0	/	22.36	/	24.00
		1	25	/	22.41	/	24.00
		1	49	/	22.42	/	24.00
		25	0	/	21.4	/	23.00
		25	13	/	21.41	/	23.00
	256QAM	25	25	/	21.36	/	23.00
		50	0	/	21.35	/	23.00
		1	0	/	21.42	/	23.00
		1	25	/	21.35	/	23.00
		1	49	/	21.42	/	23.00
		25	0	/	20.36	/	22.00
	16QAM	25	13	/	20.40	/	22.00
		25	25	/	20.42	/	22.00
		50	0	/	20.40	/	22.00
	256QAM	1	0	/	18.41	/	20.00
		1	25	/	18.38	/	20.00
		1	49	/	18.40	/	20.00
		25	0	/	18.42	/	20.00
	64QAM	25	13	/	18.41	/	20.00
		25	25	/	18.41	/	20.00

		50	0	/	18.42	/	20.00
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LTE FDD Band 14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	23330	/	
		1	0	/	21.53	/	23.00
		1	13	/	21.35	/	23.00
		1	24	/	21.48	/	23.00
		12	0	/	21.41	/	23.00
		12	6	/	21.30	/	23.00
	16QAM	12	13	/	21.25	/	23.00
		25	0	/	21.37	/	23.00
		1	0	/	21.48	/	23.00
		1	13	/	21.45	/	23.00
		1	24	/	21.36	/	23.00
		12	0	/	21.35	/	23.00
	64QAM	12	6	/	21.45	/	23.00
		12	13	/	21.33	/	23.00
		25	0	/	21.30	/	23.00
		1	0	/	21.47	/	23.00
		1	13	/	21.28	/	23.00
		1	24	/	21.44	/	23.00
	256QAM	12	0	/	20.26	/	22.00
		12	6	/	20.41	/	22.00
		12	13	/	20.50	/	22.00
		25	0	/	20.55	/	22.00
		1	0	/	18.44	/	20.00
		1	13	/	18.53	/	20.00
	256QAM	1	24	/	18.41	/	20.00
		12	0	/	18.54	/	20.00
		12	6	/	18.42	/	20.00
		12	13	/	18.47	/	20.00
		25	0	/	18.51	/	20.00
		25	0	/	18.51	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23330	/	
		1	0	/	21.56	/	23.00
		1	25	/	21.42	/	23.00
		1	49	/	21.42	/	23.00
		25	0	/	21.48	/	23.00
		25	13	/	21.39	/	23.00
	16QAM	25	25	/	21.32	/	23.00
		50	0	/	21.4	/	23.00
		1	0	/	21.43	/	23.00
		1	25	/	21.37	/	23.00
		1	49	/	21.37	/	23.00
		25	0	/	21.41	/	23.00
	64QAM	25	13	/	21.36	/	23.00
		25	25	/	21.39	/	23.00
		50	0	/	21.39	/	23.00
		1	0	/	21.46	/	23.00
		1	25	/	21.35	/	23.00
		1	49	/	21.48	/	23.00
	256QAM	25	0	/	20.36	/	22.00
		25	13	/	20.39	/	22.00
		25	25	/	20.50	/	22.00
		50	0	/	20.50	/	22.00
		50	0	/	20.47	/	22.00
		1	0	/	18.45	/	20.00
	256QAM	1	25	/	18.47	/	20.00
		1	49	/	18.44	/	20.00
		25	0	/	18.49	/	20.00
		25	13	/	18.42	/	20.00
		25	25	/	18.44	/	20.00
		50	0	/	18.42	/	20.00

LTE FDD Band 17 full power/Head/Body worn/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	

5MHz	QPSK	1	0	/	24.27	/	26.00
		1	13	/	24.12	/	26.00
		1	24	/	24.09	/	26.00
		12	0	/	23.18	/	25.00
		12	6	/	23.17	/	25.00
		12	13	/	23.22	/	25.00
	16QAM	25	0	/	23.05	/	25.00
		1	0	/	23.05	/	25.00
		1	13	/	23.12	/	25.00
		1	24	/	23.16	/	25.00
		12	0	/	22.16	/	24.00
		12	6	/	22.12	/	24.00
	64QAM	12	13	/	22.18	/	24.00
		25	0	/	22.16	/	24.00
		1	0	/	22.23	/	24.00
		1	13	/	22.16	/	24.00
		1	24	/	22.03	/	24.00
		12	0	/	21.06	/	23.00
10MHz	QPSK	12	6	/	21.13	/	23.00
		12	13	/	21.00	/	23.00
		25	0	/	21.21	/	23.00
	16QAM	1	0	/	19.14	/	21.00
		1	13	/	19.11	/	21.00
		1	24	/	19.07	/	21.00
	64QAM	12	0	/	19.22	/	21.00
		12	6	/	19.11	/	21.00
		12	13	/	19.16	/	21.00
		25	0	/	19.16	/	21.00
	256QAM	1	0	/	19.14	/	21.00
		1	13	/	19.11	/	21.00
		1	24	/	19.07	/	21.00
		12	0	/	19.22	/	21.00
		12	6	/	19.11	/	21.00
		12	13	/	19.16	/	21.00
		25	0	/	19.16	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
5MHz	QPSK	1	0	/	24.28	/	26.00
		1	25	/	24.15	/	26.00
		1	49	/	24.15	/	26.00
		25	0	/	23.17	/	25.00
		25	13	/	23.15	/	25.00
		25	25	/	23.13	/	25.00
	16QAM	50	0	/	23.15	/	25.00
		1	0	/	23.15	/	25.00
		1	25	/	23.11	/	25.00
		1	49	/	23.14	/	25.00
		25	0	/	22.20	/	24.00
		25	13	/	22.08	/	24.00
	64QAM	25	25	/	22.23	/	24.00
		50	0	/	22.13	/	24.00
		1	0	/	22.14	/	24.00
		1	25	/	22.19	/	24.00
		1	49	/	22.09	/	24.00
		25	0	/	21.15	/	23.00
	256QAM	25	13	/	21.18	/	23.00
		25	25	/	21.10	/	23.00
		50	0	/	21.19	/	23.00
		1	0	/	19.17	/	21.00
		1	25	/	19.18	/	21.00
		1	49	/	19.12	/	21.00
	16QAM	25	0	/	19.17	/	21.00
		25	13	/	19.10	/	21.00
		25	25	/	19.14	/	21.00
		50	0	/	19.10	/	21.00
		1	0	/	19.17	/	21.00
		1	25	/	19.18	/	21.00
		1	49	/	19.12	/	21.00
		25	0	/	19.17	/	21.00
		25	13	/	19.10	/	21.00
		25	25	/	19.14	/	21.00
		50	0	/	19.10	/	21.00

LTE FDD Band 30 full power/Body worn/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
5MHz	QPSK	1	0	/	22.22	/	24.00
		1	13	/	22.07	/	24.00
		1	24	/	22.09	/	24.00
		12	0	/	21.08	/	23.00
		12	6	/	21.12	/	23.00
		12	13	/	21.14	/	23.00

	16QAM	25	0	/	21.24	/	23.00
		1	0	/	21.09	/	23.00
		1	13	/	21.19	/	23.00
		1	24	/	21.12	/	23.00
		12	0	/	20.21	/	22.00
		12	6	/	20.13	/	22.00
		12	13	/	20.15	/	22.00
	64QAM	25	0	/	20.10	/	22.00
		1	0	/	20.28	/	22.00
		1	13	/	20.12	/	22.00
		1	24	/	20.14	/	22.00
		12	0	/	19.03	/	21.00
		12	6	/	19.10	/	21.00
		12	13	/	19.12	/	21.00
	256QAM	25	0	/	19.14	/	21.00
		1	0	/	17.15	/	19.00
		1	13	/	17.06	/	19.00
		1	24	/	17.27	/	19.00
		12	0	/	17.13	/	19.00
		12	6	/	17.25	/	19.00
		12	13	/	17.14	/	19.00
		25	0	/	17.14	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	22.29	/	24.00
		1	25	/	22.17	/	24.00
		1	49	/	22.14	/	24.00
		25	0	/	21.12	/	23.00
		25	13	/	21.12	/	23.00
		25	25	/	21.18	/	23.00
		50	0	/	21.14	/	23.00
	16QAM	1	0	/	21.13	/	23.00
		1	25	/	21.13	/	23.00
		1	49	/	21.16	/	23.00
		25	0	/	20.16	/	22.00
		25	13	/	20.22	/	22.00
		25	25	/	20.14	/	22.00
		50	0	/	20.13	/	22.00
	64QAM	1	0	/	20.19	/	22.00
		1	25	/	20.11	/	22.00
		1	49	/	20.15	/	22.00
		25	0	/	19.13	/	21.00
		25	13	/	19.18	/	21.00
		25	25	/	19.21	/	21.00
		50	0	/	19.16	/	21.00
	256QAM	1	0	/	17.18	/	19.00
		1	25	/	17.12	/	19.00
		1	49	/	17.22	/	19.00
		25	0	/	17.18	/	19.00
		25	13	/	17.17	/	19.00
		25	25	/	17.16	/	19.00
		50	0	/	17.20	/	19.00

LTE FDD Band 30 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
5MHz	QPSK	1	0	/	21.77	/	22.00
		1	13	/	21.70	/	22.00
		1	24	/	21.53	/	22.00
		12	0	/	21.66	/	22.00
		12	6	/	21.65	/	22.00
		12	13	/	21.49	/	22.00
		25	0	/	21.57	/	22.00
	16QAM	1	0	/	21.73	/	22.00
		1	13	/	21.69	/	22.00
		1	24	/	21.53	/	22.00
		12	0	/	21.56	/	22.00
		12	6	/	21.64	/	22.00

		12	13	/	21.56	/	22.00
		25	0	/	21.75	/	22.00
	64QAM	1	0	/	21.60	/	22.00
		1	13	/	21.61	/	22.00
		1	24	/	21.68	/	22.00
		12	0	/	20.58	/	21.00
		12	6	/	20.64	/	21.00
		12	13	/	20.55	/	21.00
		25	0	/	20.55	/	21.00
	256QAM	1	0	/	18.67	/	19.00
		1	13	/	18.69	/	19.00
		1	24	/	18.68	/	19.00
		12	0	/	18.54	/	19.00
		12	6	/	18.76	/	19.00
		12	13	/	18.65	/	19.00
		25	0	/	18.53	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	21.76	/	22.00
		1	25	/	21.65	/	22.00
		1	49	/	21.62	/	22.00
		25	0	/	21.65	/	22.00
		25	13	/	21.59	/	22.00
		25	25	/	21.59	/	22.00
		50	0	/	21.63	/	22.00
	16QAM	1	0	/	21.63	/	22.00
		1	25	/	21.71	/	22.00
		1	49	/	21.62	/	22.00
		25	0	/	21.63	/	22.00
		25	13	/	21.57	/	22.00
		25	25	/	21.59	/	22.00
		50	0	/	21.66	/	22.00
	64QAM	1	0	/	21.61	/	22.00
		1	25	/	21.69	/	22.00
		1	49	/	21.64	/	22.00
		25	0	/	20.64	/	21.00
		25	13	/	20.65	/	21.00
		25	25	/	20.60	/	21.00
		50	0	/	20.63	/	21.00
	256QAM	1	0	/	18.66	/	19.00
		1	25	/	18.71	/	19.00
		1	49	/	18.67	/	19.00
		25	0	/	18.63	/	19.00
		25	13	/	18.66	/	19.00
		25	25	/	18.64	/	19.00
		50	0	/	18.63	/	19.00

LTE FDD Band 30 Head For Simultaneous				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
5MHz	QPSK	1	0	/	19.40	/	19.50
		1	13	/	19.07	/	19.50
		1	24	/	19.13	/	19.50
		12	0	/	19.27	/	19.50
		12	6	/	19.23	/	19.50
		12	13	/	19.03	/	19.50
		25	0	/	19.16	/	19.50
	16QAM	1	0	/	19.24	/	19.50
		1	13	/	19.17	/	19.50
		1	24	/	19.14	/	19.50
		12	0	/	19.12	/	19.50
		12	6	/	19.19	/	19.50
		12	13	/	19.10	/	19.50
		25	0	/	19.26	/	19.50
	64QAM	1	0	/	19.14	/	19.50
		1	13	/	19.20	/	19.50
		1	24	/	19.10	/	19.50
		12	0	/	19.16	/	19.50

		12	6	/	19.23	/	19.50
		12	13	/	19.15	/	19.50
		25	0	/	19.31	/	19.50
	256QAM	1	0	/	18.57	/	19.00
		1	13	/	18.64	/	19.00
		1	24	/	18.69	/	19.00
		12	0	/	18.62	/	19.00
		12	6	/	18.76	/	19.00
		12	13	/	18.61	/	19.00
		25	0	/	18.71	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	19.30	/	19.50
		1	25	/	19.17	/	19.50
		1	49	/	19.15	/	19.50
		25	0	/	19.21	/	19.50
		25	13	/	19.16	/	19.50
		25	25	/	19.09	/	19.50
	16QAM	50	0	/	19.09	/	19.50
		1	0	/	19.14	/	19.50
		1	25	/	19.24	/	19.50
		1	49	/	19.09	/	19.50
		25	0	/	19.17	/	19.50
		25	13	/	19.15	/	19.50
	64QAM	25	25	/	19.05	/	19.50
		50	0	/	19.16	/	19.50
		1	0	/	19.19	/	19.50
		1	25	/	19.27	/	19.50
		1	49	/	19.15	/	19.50
		25	0	/	19.22	/	19.50
	256QAM	25	13	/	19.15	/	19.50
		25	25	/	19.07	/	19.50
		50	0	/	19.22	/	19.50
		1	0	/	18.67	/	19.00
		1	25	/	18.71	/	19.00
		1	49	/	18.63	/	19.00
		25	0	/	18.60	/	19.00
		25	13	/	18.71	/	19.00
		25	25	/	18.62	/	19.00
		50	0	/	18.61	/	19.00

LTE FDD Band 30 Body worn For Simultaneous				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	27710	/	21.00
		1	13	/	20.90	/	21.00
		1	24	/	20.77	/	21.00
		12	0	/	20.78	/	21.00
		12	6	/	20.77	/	21.00
		12	13	/	20.71	/	21.00
	16QAM	25	0	/	20.52	/	21.00
		1	0	/	20.65	/	21.00
		1	13	/	20.68	/	21.00
		1	24	/	20.84	/	21.00
		12	0	/	20.67	/	21.00
		12	6	/	20.56	/	21.00
	64QAM	12	13	/	20.79	/	21.00
		12	25	/	20.53	/	21.00
		25	0	/	20.73	/	21.00
		1	0	/	20.64	/	21.00
		1	13	/	20.69	/	21.00
		1	24	/	20.66	/	21.00
	256QAM	12	0	/	20.59	/	21.00
		12	6	/	20.69	/	21.00
		12	13	/	20.61	/	21.00
		25	0	/	20.77	/	21.00
		1	0	/	18.59	/	19.00
		1	13	/	18.63	/	19.00
		1	24	/	18.60	/	19.00

		12	0	/	18.59	/	19.00
		12	6	/	18.68	/	19.00
		12	13	/	18.58	/	19.00
		25	0	/	18.64	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	20.85	/	21.00
		1	25	/	20.67	/	21.00
		1	49	/	20.73	/	21.00
		25	0	/	20.74	/	21.00
		25	13	/	20.65	/	21.00
		25	25	/	20.59	/	21.00
		50	0	/	20.56	/	21.00
	16QAM	1	0	/	20.68	/	21.00
		1	25	/	20.83	/	21.00
		1	49	/	20.57	/	21.00
		25	0	/	20.62	/	21.00
		25	13	/	20.71	/	21.00
		25	25	/	20.59	/	21.00
		50	0	/	20.71	/	21.00
	64QAM	1	0	/	20.67	/	21.00
		1	25	/	20.76	/	21.00
		1	49	/	20.64	/	21.00
		25	0	/	20.68	/	21.00
		25	13	/	20.66	/	21.00
		25	25	/	20.58	/	21.00
		50	0	/	20.76	/	21.00
	256QAM	1	0	/	18.69	/	19.00
		1	25	/	18.71	/	19.00
		1	49	/	18.66	/	19.00
		25	0	/	18.65	/	19.00
		25	13	/	18.70	/	19.00
		25	25	/	18.67	/	19.00
		50	0	/	18.57	/	19.00

LTE Band 66 full power/Body worn/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.35	23.32	23.26	25.00
		1	2	23.27	23.11	23.01	25.00
		1	5	23.26	23.49	23.47	25.00
		3	0	23.21	23.32	23.31	25.00
		3	1	23.14	23.30	23.53	25.00
		3	3	23.31	23.20	23.23	25.00
		6	0	22.52	22.07	22.14	24.00
	16QAM	1	0	22.12	22.40	22.32	24.00
		1	2	22.34	22.17	22.07	24.00
		1	5	22.46	22.40	22.36	24.00
		3	0	22.21	22.42	22.22	24.00
		3	1	22.34	22.44	22.32	24.00
		3	3	22.12	22.05	22.31	24.00
		6	0	21.31	21.26	21.38	23.00
	64QAM	1	0	21.50	21.35	21.24	23.00
		1	2	21.31	21.44	21.31	23.00
		1	5	21.17	21.21	21.51	23.00
		3	0	21.37	21.22	21.18	23.00
		3	1	21.40	21.19	21.26	23.00
		3	3	21.37	21.17	21.34	23.00
		6	0	20.43	20.21	20.03	22.00
	256QAM	1	0	18.32	18.38	18.46	20.00
		1	2	18.47	18.06	18.14	20.00
		1	5	18.20	18.09	18.28	20.00
		3	0	18.13	18.50	18.13	20.00
		3	1	18.27	18.24	18.24	20.00
		3	3	18.28	18.13	18.41	20.00
		6	0	18.28	18.18	18.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	

3MHz	QPSK	1	0	23.41	23.34	23.34	25.00
		1	7	23.17	23.04	23.06	25.00
		1	14	23.22	23.41	23.44	25.00
		8	0	22.23	22.38	22.28	24.00
		8	4	22.22	22.26	22.52	24.00
		8	7	22.31	22.20	22.33	24.00
	16QAM	15	0	22.55	22.03	22.16	24.00
		1	0	22.10	22.45	22.27	24.00
		1	7	22.31	22.19	22.17	24.00
		1	14	22.42	22.35	22.36	24.00
		8	0	21.22	21.42	21.26	23.00
		8	4	21.33	21.49	21.25	23.00
	64QAM	8	7	21.11	21.09	21.23	23.00
		15	0	21.26	21.31	21.40	23.00
		1	0	21.40	21.33	21.26	23.00
		1	7	21.39	21.43	21.33	23.00
		1	14	21.19	21.20	21.44	23.00
		8	0	20.44	20.22	20.23	22.00
5MHz	QPSK	8	4	20.34	20.18	20.29	22.00
		8	7	20.46	20.15	20.33	22.00
		15	0	20.39	20.20	20.05	22.00
	16QAM	1	0	18.32	18.39	18.50	20.00
		1	7	18.51	18.12	18.16	20.00
		1	14	18.21	18.08	18.21	20.00
	64QAM	8	0	18.15	18.44	18.05	20.00
		8	4	18.17	18.28	18.28	20.00
		8	7	18.23	18.18	18.31	20.00
		15	0	18.38	18.25	18.18	20.00
	256QAM	1	0	18.32	18.39	18.50	20.00
		1	7	18.51	18.12	18.16	20.00
		1	14	18.21	18.08	18.21	20.00
		8	0	18.15	18.44	18.05	20.00
		8	4	18.17	18.28	18.28	20.00
		8	7	18.23	18.18	18.31	20.00
10MHz	QPSK	15	0	18.38	18.25	18.18	20.00
		1	0	23.33	23.27	23.31	25.00
		1	13	23.26	23.11	23.12	25.00
		1	24	23.25	23.31	23.39	25.00
		12	0	22.29	22.48	22.31	24.00
		12	6	22.24	22.17	22.42	24.00
	16QAM	12	13	22.22	22.23	22.26	24.00
		25	0	22.47	22.08	22.20	24.00
		1	0	22.11	22.45	22.35	24.00
		1	13	22.35	22.21	22.27	24.00
		1	24	22.34	22.27	22.44	24.00
		12	0	21.23	21.42	21.32	23.00
Bandwidth	64QAM	12	6	21.26	21.41	21.35	23.00
		12	13	21.16	21.03	21.27	23.00
		25	0	21.34	21.25	21.31	23.00
		1	0	21.30	21.31	21.28	23.00
		1	13	21.31	21.37	21.29	23.00
		1	24	21.25	21.22	21.36	23.00
	256QAM	12	0	20.46	20.21	20.21	22.00
		12	6	20.36	20.08	20.26	22.00
		12	13	20.39	20.18	20.27	22.00
		25	0	20.39	20.22	20.11	22.00
		1	0	18.40	18.45	18.46	20.00
		1	13	18.49	18.13	18.11	20.00
Bandwidth	QPSK	1	24	18.23	18.17	18.18	20.00
		12	0	18.14	18.43	18.11	20.00
		12	6	18.22	18.25	18.35	20.00
		12	13	18.20	18.26	18.33	20.00
		25	0	18.30	18.29	18.25	20.00
		1	0	23.24	23.33	23.31	25.00
Bandwidth	16QAM	1	25	23.17	23.08	23.21	25.00
		1	49	23.35	23.29	23.31	25.00
		25	0	22.35	22.43	22.31	24.00
		25	13	22.31	22.25	22.39	24.00
		25	25	22.25	22.25	22.20	24.00
		50	0	22.45	22.12	22.24	24.00
Bandwidth	QPSK	1	0	22.16	22.40	22.40	24.00
		1	25	22.34	22.27	22.19	24.00
		1	49	22.43	22.33	22.38	24.00
	16QAM	1	0	23.24	23.33	23.31	25.00
		1	25	23.17	23.08	23.21	25.00
		1	49	23.35	23.29	23.31	25.00
Bandwidth	QPSK	25	0	22.35	22.43	22.31	24.00
		25	13	22.31	22.25	22.39	24.00
		25	25	22.25	22.25	22.20	24.00
		50	0	22.45	22.12	22.24	24.00
		1	0	22.16	22.40	22.40	24.00
		1	25	22.34	22.27	22.19	24.00
Bandwidth	16QAM	1	49	22.43	22.33	22.38	24.00
		1	0	23.24	23.33	23.31	25.00
		1	25	23.17	23.08	23.21	25.00
		1	49	23.35	23.29	23.31	25.00
		25	0	22.35	22.43	22.31	24.00
		25	13	22.31	22.25	22.39	24.00
Bandwidth	QPSK	25	25	22.25	22.25	22.20	24.00
		50	0	22.45	22.12	22.24	24.00
		1	0	22.16	22.40	22.40	24.00
		1	25	22.34	22.27	22.19	24.00
		1	49	22.43	22.33	22.38	24.00
		1	0	23.24	23.33	23.31	25.00
Bandwidth	16QAM	1	25	23.17	23.08	23.21	25.00
		1	49	23.35	23.29	23.31	25.00
		25	0	22.35	22.43	22.31	24.00
		25	13	22.31	22.25	22.39	24.00
		25	25	22.25	22.25	22.20	24.00
		50	0	22.45	22.12	22.24	24.00
Bandwidth	QPSK	1	0	22.16	22.40	22.40	24.00
		1	25	22.34	22.27	22.19	24.00
		1	49	22.43	22.33	22.38	24.00
	16QAM	1	0	23.24	23.33	23.31	25.00
		1	25	23.17	23.08	23.21	25.00
		1	49	23.35	23.29	23.31	25.00
	QPSK	25	0	22.35	22.43	22.31	24.00
		25	13	22.31	22.25	22.39	24.00
		25	25	22.25	22.25	22.20	24.00
		50	0	22.45	22.12	22.24	24.00
	16QAM	1	0	22.16	22.40	22.40	24.00
		1	25	22.34	22.27	22.19	24.00
		1	49	22.43	22.33	22.38	24.00

		25	0	21.25	21.36	21.36	23.00
		25	13	21.27	21.49	21.38	23.00
		25	25	21.12	21.13	21.32	23.00
		50	0	21.30	21.27	21.36	23.00
	64QAM	1	0	21.20	21.26	21.34	23.00
		1	25	21.35	21.28	21.30	23.00
		1	49	21.33	21.22	21.39	23.00
		25	0	20.52	20.24	20.31	22.00
		25	13	20.26	20.14	20.19	22.00
		25	25	20.34	20.25	20.25	22.00
		50	0	20.32	20.26	20.18	22.00
		1	0	18.31	18.44	18.42	20.00
	256QAM	1	25	18.43	18.23	18.20	20.00
		1	49	18.18	18.21	18.18	20.00
		25	0	18.17	18.45	18.16	20.00
		25	13	18.31	18.20	18.40	20.00
		25	25	18.26	18.32	18.39	20.00
		50	0	18.32	18.33	18.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.21	23.31	23.36	25.00
		1	38	23.18	23.18	23.27	25.00
		1	74	23.30	23.23	23.36	25.00
		36	0	22.40	22.35	22.29	24.00
		36	18	22.34	22.28	22.31	24.00
		36	39	22.20	22.22	22.26	24.00
		75	0	22.38	22.22	22.32	24.00
	16QAM	1	0	22.23	22.31	22.32	24.00
		1	38	22.32	22.20	22.26	24.00
		1	74	22.37	22.28	22.38	24.00
		36	0	21.23	21.44	21.34	23.00
		36	18	21.33	21.39	21.35	23.00
		36	39	21.19	21.23	21.27	23.00
		75	0	21.24	21.30	21.26	23.00
	64QAM	1	0	21.25	21.34	21.28	23.00
		1	38	21.25	21.30	21.34	23.00
		1	74	21.23	21.28	21.32	23.00
		36	0	20.42	20.20	20.35	22.00
		36	18	20.32	20.22	20.27	22.00
		36	39	20.30	20.30	20.21	22.00
		75	0	20.31	20.30	20.23	22.00
	256QAM	1	0	18.30	18.37	18.35	20.00
		1	38	18.34	18.22	18.25	20.00
		1	74	18.22	18.26	18.27	20.00
		36	0	18.27	18.35	18.17	20.00
		36	18	18.39	18.29	18.31	20.00
		36	39	18.24	18.41	18.36	20.00
		75	0	18.37	18.29	18.30	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.60	23.70	23.68	25.00
		1	50	23.57	23.58	23.64	25.00
		1	99	23.59	23.61	23.60	25.00
		50	0	22.67	22.68	22.64	24.00
		50	25	22.60	22.54	22.59	24.00
		50	50	22.54	22.60	22.58	24.00
		100	0	22.62	22.65	22.62	24.00
	16QAM	1	0	22.58	22.59	22.65	24.00
		1	50	22.63	22.59	22.59	24.00
		1	99	22.58	22.59	22.62	24.00
		50	0	21.56	21.64	21.54	23.00
		50	25	21.65	21.59	21.59	23.00
		50	50	21.58	21.61	21.63	23.00
		100	0	21.57	21.61	21.63	23.00
	64QAM	1	0	21.57	21.62	21.57	23.00
		1	50	21.57	21.58	21.64	23.00
		1	99	21.63	21.57	21.58	23.00
		50	0	20.64	20.56	20.66	22.00
		50	25	20.61	20.60	20.62	22.00
		50	50	20.64	20.61	20.61	22.00

	256QAM	100	0	20.65	20.58	20.62	22.00
		1	0	18.65	18.57	18.55	20.00
		1	50	18.60	18.59	18.57	20.00
		1	99	18.55	18.60	18.63	20.00
		50	0	18.62	18.57	18.56	20.00
		50	25	18.67	18.58	18.62	20.00
		50	50	18.55	18.61	18.61	20.00
		100	0	18.57	18.59	18.58	20.00

LTE Band 66 Head				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.07	21.42	21.34	23.00
		1	2	21.28	21.45	21.26	23.00
		1	5	21.28	21.20	21.16	23.00
		3	0	21.33	21.45	21.26	23.00
		3	1	21.20	21.29	21.30	23.00
		3	3	21.33	21.46	21.31	23.00
	16QAM	6	0	21.10	21.35	21.25	23.00
		1	0	21.08	21.32	21.12	23.00
		1	2	21.09	21.22	21.46	23.00
		1	5	21.11	21.32	21.38	23.00
		3	0	21.42	21.42	21.36	23.00
		3	1	21.42	21.44	21.13	23.00
	64QAM	3	3	21.03	21.48	21.14	23.00
		6	0	21.39	21.28	21.37	23.00
		1	0	21.28	21.19	21.12	23.00
		1	2	21.03	21.25	21.10	23.00
		1	5	21.19	21.20	21.58	23.00
		3	0	21.24	21.21	21.49	23.00
3MHz	QPSK	3	1	21.05	21.04	21.34	23.00
		3	3	21.48	21.43	21.01	23.00
		6	0	20.30	20.24	20.20	22.00
	16QAM	1	0	18.28	18.38	18.26	20.00
		1	2	18.22	18.44	18.41	20.00
		1	5	18.23	18.26	18.42	20.00
	64QAM	3	0	18.01	18.32	18.22	20.00
		3	1	18.08	18.31	18.38	20.00
		3	3	18.33	18.29	18.48	20.00
		6	0	18.21	18.33	18.37	20.00
	256QAM	1	0	18.28	18.38	18.26	20.00
		1	2	18.22	18.44	18.41	20.00
		1	5	18.23	18.26	18.42	20.00
		3	0	18.01	18.32	18.22	20.00
		3	1	18.08	18.31	18.38	20.00
		3	3	18.33	18.29	18.48	20.00
	16QAM	6	0	18.21	18.33	18.37	20.00
		1	0	21.08	21.34	21.35	23.00
		1	7	21.24	21.46	21.23	23.00
		1	14	21.33	21.17	21.15	23.00
		8	0	21.42	21.39	21.33	23.00
		8	4	21.24	21.28	21.24	23.00
3MHz	QPSK	8	7	21.23	21.39	21.22	23.00
		15	0	21.13	21.41	21.23	23.00
	16QAM	1	0	21.04	21.23	21.19	23.00
		1	7	21.18	21.24	21.37	23.00
		1	14	21.15	21.27	21.39	23.00
		8	0	21.33	21.48	21.43	23.00
	64QAM	8	4	21.45	21.39	21.15	23.00
		8	7	21.03	21.43	21.17	23.00
		15	0	21.37	21.34	21.44	23.00
	256QAM	1	0	21.25	21.16	21.16	23.00
		1	7	21.13	21.27	21.20	23.00
		1	14	21.16	21.18	21.49	23.00
		8	0	20.34	20.20	20.46	22.00
		8	4	20.04	20.09	20.28	22.00
		8	7	20.51	20.36	20.08	22.00
	16QAM	15	0	20.40	20.29	20.29	22.00
		1	0	18.35	18.43	18.18	20.00
		1	7	18.26	18.44	18.46	20.00
		1	14	18.13	18.33	18.34	20.00
		8	0	18.11	18.26	18.17	20.00
		8	4	18.14	18.32	18.28	20.00

		8	7	18.26	18.22	18.43	20.00
		15	0	18.21	18.24	18.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.16	21.38	21.26	23.00
		1	13	21.19	21.39	21.27	23.00
		1	24	21.29	21.19	21.25	23.00
		12	0	21.36	21.41	21.37	23.00
		12	6	21.25	21.32	21.28	23.00
		12	13	21.28	21.42	21.28	23.00
		25	0	21.18	21.37	21.27	23.00
	16QAM	1	0	21.14	21.26	21.14	23.00
		1	13	21.27	21.15	21.38	23.00
		1	24	21.24	21.33	21.34	23.00
		12	0	21.29	21.43	21.41	23.00
		12	6	21.41	21.39	21.19	23.00
		12	13	21.10	21.39	21.21	23.00
		25	0	21.27	21.36	21.35	23.00
	64QAM	1	0	21.19	21.18	21.10	23.00
		1	13	21.21	21.34	21.30	23.00
		1	24	21.24	21.13	21.43	23.00
		12	0	20.40	20.28	20.40	22.00
		12	6	20.06	20.15	20.27	22.00
		12	13	20.56	20.46	20.17	22.00
		25	0	20.45	20.26	20.23	22.00
	256QAM	1	0	18.27	18.42	18.14	20.00
		1	13	18.20	18.45	18.42	20.00
		1	24	18.17	18.38	18.28	20.00
		12	0	18.10	18.30	18.23	20.00
		12	6	18.24	18.24	18.29	20.00
		12	13	18.19	18.12	18.40	20.00
		25	0	18.18	18.31	18.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.26	21.40	21.30	23.00
		1	25	21.23	21.34	21.28	23.00
		1	49	21.30	21.29	21.35	23.00
		25	0	21.28	21.51	21.28	23.00
		25	13	21.30	21.38	21.34	23.00
		25	25	21.38	21.37	21.30	23.00
		50	0	21.24	21.37	21.35	23.00
	16QAM	1	0	21.07	21.24	21.15	23.00
		1	25	21.33	21.23	21.28	23.00
		1	49	21.16	21.26	21.27	23.00
		25	0	21.24	21.43	21.41	23.00
		25	13	21.46	21.31	21.26	23.00
		25	25	21.19	21.44	21.31	23.00
		50	0	21.18	21.31	21.28	23.00
	64QAM	1	0	21.27	21.18	21.05	23.00
		1	25	21.21	21.30	21.34	23.00
		1	49	21.28	21.18	21.39	23.00
		25	0	20.37	20.24	20.37	22.00
		25	13	20.11	20.19	20.34	22.00
		25	25	20.47	20.39	20.23	22.00
		50	0	20.36	20.25	20.21	22.00
	256QAM	1	0	18.28	18.47	18.24	20.00
		1	25	18.25	18.38	18.34	20.00
		1	49	18.19	18.28	18.34	20.00
		25	0	18.12	18.28	18.18	20.00
		25	13	18.21	18.33	18.34	20.00
		25	25	18.22	18.19	18.34	20.00
		50	0	18.25	18.26	18.18	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.35	21.47	21.29	23.00
		1	38	21.14	21.32	21.29	23.00
		1	74	21.27	21.22	21.28	23.00
		36	0	21.28	21.43	21.25	23.00
		36	18	21.30	21.34	21.41	23.00
		36	39	21.28	21.28	21.32	23.00

	16QAM	75	0	21.27	21.31	21.36	23.00
		1	0	21.15	21.31	21.25	23.00
		1	38	21.37	21.20	21.28	23.00
		1	74	21.24	21.36	21.21	23.00
		36	0	21.22	21.47	21.32	23.00
		36	18	21.39	21.29	21.23	23.00
		36	39	21.23	21.39	21.40	23.00
	64QAM	75	0	21.20	21.23	21.21	23.00
		1	0	21.31	21.22	21.13	23.00
		1	38	21.17	21.22	21.32	23.00
		1	74	21.38	21.16	21.30	23.00
		36	0	20.33	20.14	20.28	22.00
		36	18	20.16	20.19	20.28	22.00
		36	39	20.39	20.33	20.31	22.00
	256QAM	75	0	20.37	20.34	20.20	22.00
		1	0	18.34	18.38	18.19	20.00
		1	38	18.25	18.36	18.28	20.00
		1	74	18.29	18.22	18.24	20.00
		36	0	18.22	18.37	18.13	20.00
		36	18	18.27	18.25	18.24	20.00
		36	39	18.28	18.19	18.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.53	21.74	21.60	23.00
		1	50	21.51	21.56	21.55	23.00
		1	99	21.55	21.54	21.60	23.00
		50	0	21.55	21.66	21.62	23.00
		50	25	21.51	21.53	21.63	23.00
		50	50	21.57	21.58	21.56	23.00
		100	0	21.52	21.65	21.63	23.00
	16QAM	1	0	21.51	21.59	21.59	23.00
		1	50	21.58	21.55	21.59	23.00
		1	99	21.55	21.53	21.58	23.00
		50	0	21.50	21.64	21.52	23.00
		50	25	21.63	21.56	21.52	23.00
		50	50	21.52	21.60	21.60	23.00
		100	0	21.55	21.56	21.56	23.00
	64QAM	1	0	21.25	21.30	21.23	23.00
		1	50	21.26	21.25	21.35	23.00
		1	99	21.35	21.26	21.27	23.00
		50	0	20.33	20.24	20.36	22.00
		50	25	20.26	20.27	20.34	22.00
		50	50	20.32	20.33	20.34	22.00
		100	0	20.36	20.30	20.28	22.00
	256QAM	1	0	18.35	18.28	18.20	20.00
		1	50	18.32	18.30	18.22	20.00
		1	99	18.27	18.25	18.34	20.00
		50	0	18.31	18.30	18.22	20.00
		50	25	18.37	18.28	18.28	20.00
		50	50	18.20	18.29	18.27	20.00
		100	0	18.29	18.25	18.27	20.00

LTE Band 66 Head For Simultaneous				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.58	18.63	18.53	20.00
		1	2	18.50	18.37	18.60	20.00
		1	5	18.54	18.39	18.59	20.00
		3	0	18.52	18.69	18.59	20.00
		3	1	18.51	18.42	18.69	20.00
		3	3	18.47	18.52	18.59	20.00
		6	0	18.41	18.53	18.49	20.00
	16QAM	1	0	18.58	18.51	18.54	20.00
		1	2	18.65	18.50	18.49	20.00
		1	5	18.54	18.52	18.53	20.00
		3	0	18.47	18.59	18.41	20.00
		3	1	18.55	18.61	18.46	20.00

		3	3	18.44	18.54	18.57	20.00
		6	0	18.45	18.47	18.56	20.00
	64QAM	1	0	18.28	18.30	18.15	20.00
		1	2	18.23	18.17	18.36	20.00
		1	5	18.29	18.08	18.25	20.00
		3	0	18.34	18.22	18.36	20.00
		3	1	18.26	18.34	18.31	20.00
		3	3	18.29	18.33	18.36	20.00
		6	0	18.31	18.17	18.24	20.00
	256QAM	1	0	18.28	18.38	18.26	20.00
		1	2	18.22	18.44	18.41	20.00
		1	5	18.23	18.26	18.42	20.00
		3	0	18.01	18.32	18.22	20.00
		3	1	18.08	18.31	18.38	20.00
		3	3	18.33	18.29	18.48	20.00
		6	0	18.21	18.33	18.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.57	18.69	18.48	20.00
		1	7	18.60	18.46	18.59	20.00
		1	14	18.59	18.46	18.52	20.00
		8	0	18.54	18.67	18.52	20.00
		8	4	18.38	18.56	18.67	20.00
		8	7	18.48	18.53	18.56	20.00
		15	0	18.39	18.59	18.61	20.00
	16QAM	1	0	18.48	18.59	18.52	20.00
		1	7	18.59	18.39	18.52	20.00
		1	14	18.62	18.56	18.64	20.00
		8	0	18.46	18.55	18.45	20.00
		8	4	18.54	18.58	18.45	20.00
		8	7	18.49	18.59	18.63	20.00
		15	0	18.59	18.44	18.46	20.00
	64QAM	1	0	18.19	18.28	18.23	20.00
		1	7	18.33	18.28	18.29	20.00
		1	14	18.30	18.18	18.22	20.00
		8	0	18.33	18.19	18.39	20.00
		8	4	18.21	18.20	18.28	20.00
		8	7	18.30	18.31	18.34	20.00
		15	0	18.27	18.31	18.19	20.00
	256QAM	1	0	18.35	18.43	18.18	20.00
		1	7	18.26	18.44	18.46	20.00
		1	14	18.13	18.33	18.34	20.00
		8	0	18.11	18.26	18.17	20.00
		8	4	18.14	18.32	18.28	20.00
		8	7	18.26	18.22	18.43	20.00
		15	0	18.21	18.24	18.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.57	18.69	18.59	20.00
		1	13	18.51	18.50	18.59	20.00
		1	24	18.61	18.46	18.65	20.00
		12	0	18.50	18.68	18.52	20.00
		12	6	18.50	18.52	18.55	20.00
		12	13	18.50	18.58	18.55	20.00
		25	0	18.47	18.58	18.53	20.00
	16QAM	1	0	18.49	18.51	18.58	20.00
		1	13	18.56	18.41	18.57	20.00
		1	24	18.53	18.55	18.56	20.00
		12	0	18.57	18.56	18.41	20.00
		12	6	18.49	18.50	18.51	20.00
		12	13	18.44	18.56	18.67	20.00
		25	0	18.59	18.51	18.47	20.00
	64QAM	1	0	18.20	18.27	18.13	20.00
		1	13	18.30	18.30	18.26	20.00
		1	24	18.33	18.20	18.32	20.00
		12	0	18.36	18.15	18.36	20.00
		12	6	18.29	18.20	18.31	20.00
		12	13	18.19	18.30	18.37	20.00
		25	0	18.24	18.28	18.21	20.00
	256QAM	1	0	18.27	18.42	18.14	20.00

		1	13	18.20	18.45	18.42	20.00
		1	24	18.17	18.38	18.28	20.00
		12	0	18.10	18.30	18.23	20.00
		12	6	18.24	18.24	18.29	20.00
		12	13	18.19	18.12	18.40	20.00
		25	0	18.18	18.31	18.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	18.48	18.72	18.62	20.00
		1	25	18.47	18.39	18.63	20.00
		1	49	18.49	18.51	18.61	20.00
		25	0	18.51	18.66	18.51	20.00
		25	13	18.50	18.52	18.67	20.00
		25	25	18.54	18.58	18.52	20.00
	16QAM	50	0	18.42	18.60	18.54	20.00
		1	0	18.48	18.60	18.54	20.00
		1	25	18.57	18.37	18.55	20.00
		1	49	18.59	18.52	18.56	20.00
		25	0	18.56	18.50	18.41	20.00
		25	13	18.52	18.62	18.45	20.00
	64QAM	25	25	18.55	18.48	18.58	20.00
		50	0	18.55	18.49	18.57	20.00
		1	0	18.18	18.22	18.25	20.00
		1	25	18.27	18.28	18.38	20.00
		1	49	18.38	18.21	18.28	20.00
		25	0	18.40	18.19	18.35	20.00
	256QAM	25	13	18.22	18.30	18.24	20.00
		25	25	18.29	18.28	18.35	20.00
		50	0	18.23	18.22	18.14	20.00
		1	0	18.28	18.47	18.24	20.00
		1	25	18.25	18.38	18.34	20.00
		1	49	18.19	18.28	18.34	20.00
15MHz	QPSK	25	0	18.12	18.28	18.18	20.00
		25	13	18.21	18.33	18.34	20.00
		25	25	18.22	18.19	18.34	20.00
		50	0	18.25	18.26	18.18	20.00
		1	0	18.56	18.72	18.56	20.00
		1	38	18.55	18.52	18.59	20.00
	16QAM	1	74	18.49	18.45	18.65	20.00
		36	0	18.44	18.62	18.59	20.00
		36	18	18.39	18.54	18.65	20.00
		36	39	18.51	18.53	18.62	20.00
		75	0	18.54	18.66	18.47	20.00
		1	0	18.56	18.56	18.53	20.00
	64QAM	1	38	18.63	18.50	18.47	20.00
		1	74	18.54	18.56	18.56	20.00
		36	0	18.51	18.49	18.50	20.00
		36	18	18.51	18.61	18.43	20.00
		36	39	18.45	18.57	18.58	20.00
		75	0	18.48	18.50	18.58	20.00
	256QAM	1	0	18.27	18.21	18.24	20.00
		1	38	18.28	18.19	18.36	20.00
		1	74	18.35	18.20	18.19	20.00
		36	0	18.38	18.12	18.37	20.00
		36	18	18.25	18.32	18.31	20.00
		36	39	18.29	18.22	18.30	20.00
20MHz	QPSK	75	0	18.21	18.26	18.18	20.00
		1	0	18.34	18.38	18.19	20.00
		1	38	18.25	18.36	18.28	20.00
		1	74	18.29	18.22	18.24	20.00
		36	0	18.22	18.37	18.13	20.00
		36	18	18.27	18.25	18.24	20.00
	16QAM	36	39	18.28	18.19	18.37	20.00
		75	0	18.34	18.21	18.26	20.00
		1	0	18.60	18.76	18.62	20.00
		1	50	18.60	18.52	18.65	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	

		1	99	18.61	18.54	18.67	20.00
		50	0	18.58	18.71	18.61	20.00
		50	25	18.52	18.57	18.70	20.00
		50	50	18.59	18.64	18.64	20.00
		100	0	18.54	18.66	18.62	20.00
	16QAM	1	0	18.59	18.62	18.67	20.00
		1	50	18.65	18.51	18.60	20.00
		1	99	18.64	18.59	18.65	20.00
		50	0	18.58	18.63	18.51	20.00
		50	25	18.62	18.63	18.57	20.00
	64QAM	50	50	18.56	18.60	18.68	20.00
		100	0	18.59	18.56	18.60	20.00
		1	0	18.30	18.30	18.27	20.00
		1	50	18.33	18.32	18.39	20.00
		1	99	18.39	18.21	18.34	20.00
	256QAM	50	0	18.43	18.22	18.41	20.00
		50	25	18.35	18.34	18.37	20.00
		50	50	18.33	18.33	18.37	20.00
		100	0	18.33	18.31	18.28	20.00
		1	0	18.35	18.28	18.20	20.00
		1	50	18.32	18.30	18.22	20.00
		1	99	18.27	18.25	18.34	20.00
		50	0	18.31	18.30	18.22	20.00
		50	25	18.37	18.28	18.28	20.00
		50	50	18.20	18.29	18.27	20.00
		100	0	18.29	18.25	18.27	20.00

LTE Band 66 Body worn For Simultaneous				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.23	21.15	21.29	22.50
		1	2	20.90	21.03	21.31	22.50
		1	5	20.91	20.95	21.19	22.50
		3	0	21.23	21.11	21.12	22.50
		3	1	21.08	21.02	20.96	22.50
		3	3	21.14	21.25	21.39	22.50
	16QAM	6	0	21.24	21.27	21.38	22.50
		1	0	21.22	21.14	21.08	22.50
		1	2	20.74	20.76	21.17	22.50
		1	5	21.19	20.93	21.23	22.50
		3	0	21.41	21.36	21.15	22.50
		3	1	21.31	21.33	20.99	22.50
	64QAM	3	3	21.33	20.86	21.27	22.50
		6	0	21.07	21.02	21.10	22.50
		1	0	21.16	20.75	20.98	22.50
		1	2	20.79	20.88	21.00	22.50
		1	5	20.74	20.70	20.69	22.50
		3	0	20.76	20.56	20.73	22.50
	256QAM	3	1	20.84	21.13	20.74	22.50
		3	3	20.69	21.05	20.92	22.50
		6	0	20.37	20.12	20.31	22.00
		1	0	18.38	18.14	18.04	20.00
		1	2	18.30	18.56	18.27	20.00
		1	5	18.40	18.49	18.16	20.00
3MHz	QPSK	3	0	18.14	18.48	18.34	20.00
		3	1	18.37	18.27	18.36	20.00
		3	3	18.21	18.26	18.27	20.00
		6	0	18.07	18.33	18.08	20.00
	16QAM	1	0	21.13	21.17	21.35	22.50
		1	7	20.98	21.09	21.21	22.50
		1	14	20.94	21.03	21.19	22.50
		8	0	21.17	21.11	21.15	22.50
		8	4	21.11	20.98	21.03	22.50
		8	7	21.11	21.19	21.34	22.50
		15	0	21.31	21.31	21.35	22.50

		1	7	20.79	20.78	21.14	22.50
		1	14	21.15	20.90	21.15	22.50
		8	0	21.31	21.39	21.19	22.50
		8	4	21.22	21.27	21.05	22.50
		8	7	21.28	20.84	21.31	22.50
		15	0	21.02	21.12	21.03	22.50
	64QAM	1	0	21.10	20.74	20.98	22.50
		1	7	20.79	20.89	20.97	22.50
		1	14	20.82	20.72	20.65	22.50
		8	0	20.17	20.04	20.18	22.00
		8	4	20.38	20.59	20.32	22.00
		8	7	20.25	20.57	20.35	22.00
	256QAM	15	0	20.33	20.20	20.33	22.00
		1	0	18.40	18.23	18.01	20.00
		1	7	18.28	18.52	18.25	20.00
		1	14	18.30	18.43	18.16	20.00
		8	0	18.17	18.38	18.30	20.00
		8	4	18.47	18.37	18.34	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.12	21.25	21.33	22.50
		1	13	20.91	21.06	21.13	22.50
		1	24	20.85	21.02	21.16	22.50
		12	0	21.13	21.19	21.23	22.50
		12	6	21.07	20.90	20.99	22.50
		12	13	21.15	21.21	21.38	22.50
	16QAM	25	0	21.30	21.26	21.27	22.50
		1	0	21.13	21.15	21.16	22.50
		1	13	20.86	20.83	21.24	22.50
		1	24	21.20	21.00	21.19	22.50
		12	0	21.24	21.29	21.21	22.50
		12	6	21.21	21.17	21.09	22.50
	64QAM	12	13	21.21	20.93	21.22	22.50
		25	0	21.09	21.19	21.01	22.50
		1	0	21.01	20.83	20.93	22.50
		1	13	20.82	20.92	20.94	22.50
		1	24	20.79	20.79	20.62	22.50
		12	0	20.12	20.05	20.20	22.00
10MHz	QPSK	12	6	20.32	20.56	20.27	22.00
		12	13	20.30	20.47	20.37	22.00
		25	0	20.26	20.14	20.34	22.00
	16QAM	1	0	18.42	18.29	18.10	20.00
		1	13	18.35	18.59	18.27	20.00
		1	24	18.27	18.38	18.14	20.00
	256QAM	12	0	18.27	18.28	18.30	20.00
		12	6	18.37	18.29	18.39	20.00
		12	13	18.26	18.27	18.24	20.00
		25	0	18.16	18.41	18.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.10	21.31	21.38	22.50
		1	25	20.89	21.06	21.15	22.50
		1	49	20.90	21.10	21.08	22.50
		25	0	21.14	21.27	21.17	22.50
		25	13	21.03	20.97	21.01	22.50
		25	25	21.12	21.17	21.28	22.50
	16QAM	50	0	21.25	21.23	21.28	22.50
		1	0	21.17	21.19	21.13	22.50
		1	25	20.91	20.93	21.21	22.50
		1	49	21.11	21.04	21.17	22.50
		25	0	21.22	21.21	21.26	22.50
		25	13	21.29	21.22	21.10	22.50
	64QAM	25	25	21.20	21.03	21.28	22.50
		50	0	21.07	21.25	20.99	22.50
		1	0	20.93	20.86	20.85	22.50
		1	25	20.92	20.85	20.94	22.50
		1	49	20.83	20.86	20.69	22.50
		25	0	20.17	20.11	20.26	22.00

	256QAM	25	13	20.35	20.55	20.22	22.00
		25	25	20.37	20.38	20.40	22.00
		50	0	20.26	20.20	20.26	22.00
		1	0	18.44	18.24	18.17	20.00
		1	25	18.33	18.51	18.30	20.00
		1	49	18.31	18.32	18.20	20.00
		25	0	18.29	18.28	18.21	20.00
		25	13	18.40	18.26	18.41	20.00
		25	25	18.25	18.32	18.16	20.00
		50	0	18.15	18.41	18.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.17	21.39	21.31	22.50
		1	38	20.93	21.00	21.07	22.50
		1	74	20.93	21.17	21.11	22.50
		36	0	21.24	21.19	21.09	22.50
		36	18	21.12	20.96	20.95	22.50
		36	39	21.12	21.09	21.31	22.50
	16QAM	75	0	21.30	21.26	21.26	22.50
		1	0	21.22	21.20	21.05	22.50
		1	38	20.98	21.01	21.15	22.50
		1	74	21.08	21.09	21.10	22.50
		36	0	21.25	21.31	21.20	22.50
		36	18	21.31	21.32	21.13	22.50
	64QAM	36	39	21.26	21.00	21.23	22.50
		75	0	21.04	21.22	20.97	22.50
		1	0	20.90	20.86	20.78	22.50
		1	38	20.96	20.78	20.87	22.50
		1	74	20.76	20.82	20.68	22.50
		36	0	20.13	20.21	20.27	22.00
	256QAM	36	18	20.41	20.45	20.23	22.00
		36	39	20.31	20.28	20.39	22.00
		75	0	20.29	20.21	20.25	22.00
		1	0	18.36	18.33	18.20	20.00
		1	38	18.26	18.45	18.22	20.00
		1	74	18.36	18.26	18.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.22	21.35	21.23	22.50
		1	50	21.01	21.10	21.07	22.50
		1	99	21.02	21.12	21.11	22.50
		50	0	21.17	21.29	21.16	22.50
		50	25	21.15	21.05	21.04	22.50
		50	50	21.17	21.10	21.21	22.50
	16QAM	100	0	21.25	21.24	21.17	22.50
		1	0	21.13	21.19	21.10	22.50
		1	50	21.04	21.06	21.10	22.50
		1	99	21.11	21.10	21.13	22.50
		50	0	21.19	21.22	21.14	22.50
		50	25	21.21	21.23	21.21	22.50
	64QAM	50	50	21.18	21.06	21.18	22.50
		100	0	21.11	21.12	21.05	22.50
		1	0	20.81	20.88	20.86	22.50
		1	50	20.90	20.88	20.85	22.50
		1	99	20.75	20.77	20.78	22.50
		50	0	20.20	20.19	20.21	22.00
	256QAM	50	25	20.41	20.38	20.32	22.00
		50	50	20.37	20.28	20.34	22.00
		100	0	20.39	20.30	20.35	22.00
		1	0	18.36	18.32	18.28	20.00
		1	50	18.26	18.40	18.30	20.00
		1	99	18.29	18.25	18.21	20.00
	256QAM	50	0	18.40	18.29	18.27	20.00
		50	25	18.37	18.24	18.26	20.00
		50	50	18.38	18.25	18.27	20.00
		100	0	18.26	18.29	18.32	20.00

LTE Band 38 full power/Head/Body worn/Hotspot				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.51	22.54	22.45	24.00
		1	13	22.54	22.55	22.59	24.00
		1	24	22.51	22.44	22.37	24.00
		12	0	21.42	21.52	21.61	23.00
		12	6	21.59	21.54	21.49	23.00
		12	13	21.61	21.69	21.62	23.00
	16QAM	25	0	21.36	21.39	21.39	23.00
		1	0	21.44	21.47	21.45	23.00
		1	13	21.43	21.49	21.45	23.00
		1	24	21.34	21.33	21.43	23.00
		12	0	20.46	20.48	20.50	22.00
		12	6	20.72	20.63	20.63	22.00
	64QAM	12	13	20.61	20.54	20.56	22.00
		25	0	20.40	20.45	20.38	22.00
		1	0	20.75	20.69	20.62	22.00
		1	13	20.36	20.43	20.44	22.00
		1	24	20.78	20.77	20.72	22.00
		12	0	19.49	19.58	19.61	21.00
10MHz	QPSK	12	6	19.55	19.64	19.59	21.00
		12	13	19.49	19.39	19.45	21.00
		25	0	19.57	19.50	19.59	21.00
	16QAM	1	0	17.71	17.70	17.70	19.00
		1	13	17.49	17.56	17.60	19.00
		1	24	17.60	17.67	17.61	19.00
	256QAM	12	0	17.55	17.59	17.56	19.00
		12	6	17.46	17.49	17.47	19.00
		12	13	17.54	17.58	17.68	19.00
		25	0	17.69	17.64	17.55	19.00
	QPSK	1	0	22.63	22.64	22.58	24.00
		1	25	22.71	22.61	22.53	24.00
		1	49	22.48	22.50	22.54	24.00
		25	0	21.39	21.48	21.48	23.00
		25	13	21.63	21.53	21.55	23.00
		25	25	21.54	21.61	21.59	23.00
	16QAM	50	0	21.50	21.41	21.40	23.00
		1	0	21.42	21.49	21.52	23.00
		1	25	21.41	21.51	21.59	23.00
		1	49	21.33	21.36	21.33	23.00
		25	0	20.60	20.56	20.46	22.00
		25	13	20.66	20.67	20.75	22.00
	64QAM	25	25	20.58	20.62	20.69	22.00
		50	0	20.44	20.45	20.35	22.00
		1	0	20.73	20.64	20.60	22.00
		1	25	20.54	20.50	20.45	22.00
		1	49	20.68	20.70	20.71	22.00
		25	0	19.62	19.53	19.52	21.00
15MHz	QPSK	25	13	19.56	19.58	19.55	21.00
		25	25	19.47	19.46	19.51	21.00
		50	0	19.47	19.52	19.53	21.00
	16QAM	1	0	17.69	17.66	17.57	19.00
		1	25	17.55	17.57	17.54	19.00
		1	49	17.57	17.60	17.53	19.00
	256QAM	25	0	17.55	17.49	17.43	19.00
		25	13	17.62	17.53	17.61	19.00
		25	25	17.56	17.57	17.58	19.00
		50	0	17.73	17.63	17.60	19.00
	QPSK	1	0	22.67	22.60	22.65	24.00
		1	38	22.59	22.64	22.61	24.00
		1	74	22.54	22.53	22.52	24.00
		36	0	21.40	21.45	21.49	23.00
		36	18	21.52	21.55	21.50	23.00

		36	39	21.69	21.60	21.57	23.00
		75	0	21.39	21.49	21.41	23.00
	16QAM	1	0	21.43	21.47	21.55	23.00
		1	38	21.48	21.50	21.54	23.00
		1	74	21.42	21.45	21.46	23.00
		36	0	20.71	20.66	20.76	22.00
		36	18	20.60	20.64	20.64	22.00
		36	39	20.70	20.67	20.71	22.00
		75	0	20.48	20.55	20.48	22.00
		1	0	20.53	20.62	20.59	22.00
	64QAM	1	38	20.57	20.52	20.43	22.00
		1	74	20.70	20.62	20.66	22.00
		36	0	19.52	19.50	19.57	21.00
		36	18	19.43	19.52	19.54	21.00
		36	39	19.48	19.54	19.60	21.00
		75	0	19.56	19.46	19.51	21.00
	256QAM	1	0	17.46	17.56	17.55	19.00
		1	38	17.71	17.67	17.58	19.00
		1	74	17.66	17.56	17.50	19.00
		36	0	17.46	17.52	17.57	19.00
		36	18	17.63	17.61	17.63	19.00
		36	39	17.60	17.64	17.61	19.00
		75	0	17.46	17.56	17.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	22.66	/	24.00
		1	50	/	22.57	/	24.00
		1	99	/	22.54	/	24.00
		50	0	/	21.51	/	23.00
		50	25	/	21.58	/	23.00
		50	50	/	21.58	/	23.00
		100	0	/	21.54	/	23.00
	16QAM	1	0	/	21.56	/	23.00
		1	50	/	21.59	/	23.00
		1	99	/	21.54	/	23.00
		50	0	/	20.58	/	22.00
		50	25	/	20.56	/	22.00
		50	50	/	20.59	/	22.00
		100	0	/	20.54	/	22.00
	64QAM	1	0	/	20.54	/	22.00
		1	50	/	20.58	/	22.00
		1	99	/	20.56	/	22.00
		50	0	/	19.54	/	21.00
		50	25	/	19.55	/	21.00
		50	50	/	19.53	/	21.00
		100	0	/	19.54	/	21.00
	256QAM	1	0	/	17.55	/	19.00
		1	50	/	17.59	/	19.00
		1	99	/	17.56	/	19.00
		50	0	/	17.58	/	19.00
		50	25	/	17.57	/	19.00
		50	50	/	17.57	/	19.00
		100	0	/	17.51	/	19.00

LTE Band 41 PC3&PC2 Head/Body worn/Hotspot				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	24.00
		1	13	22.64	22.64	22.84	22.59	22.71	24.00
		1	24	22.47	22.59	22.69	22.75	22.49	24.00
		12	0	22.45	22.43	22.82	22.43	22.87	24.00
		12	6	21.5	21.54	21.67	21.75	21.74	23.00
		12	6	21.33	21.4	21.63	21.56	21.77	23.00
		12	13	21.59	21.65	21.77	21.47	21.73	23.00
		25	0	21.51	21.57	21.67	21.57	21.66	23.00
	16QAM	1	0	21.65	21.63	21.62	21.73	21.78	23.00
		1	13	21.43	21.44	21.64	21.58	21.62	23.00
		1	24	21.56	21.47	21.59	21.59	21.7	23.00
		12	0	20.58	20.33	20.51	20.65	20.62	22.00

	64QAM	12	6	20.63	20.41	20.74	20.67	20.65	22.00
		12	13	20.4	20.46	20.69	20.61	20.7	22.00
		25	0	20.47	20.6	20.59	20.77	20.55	22.00
		1	0	20.63	20.75	20.72	20.81	20.65	22.00
		1	13	20.42	20.73	20.49	20.43	20.63	22.00
		1	24	20.64	20.55	20.69	20.48	20.73	22.00
		12	0	19.54	19.49	19.79	19.49	19.87	21.00
		12	6	19.48	19.40	19.65	19.58	19.48	21.00
	256QAM	12	13	19.55	19.49	19.77	19.50	19.74	21.00
		25	0	19.41	19.45	19.74	19.58	19.68	21.00
		1	0	17.62	17.42	17.64	17.61	17.60	19.00
		1	13	17.56	17.60	17.65	17.68	17.58	19.00
		1	24	17.72	17.68	17.59	17.61	17.62	19.00
		12	0	17.69	17.48	17.61	17.54	17.54	19.00
		12	6	17.68	17.49	17.73	17.72	17.76	19.00
		12	13	17.48	17.35	17.75	17.75	17.82	19.00
		25	0	17.34	17.53	17.72	17.58	17.69	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.72	22.55	22.77	22.69	22.74	24.00
		1	25	22.48	22.58	22.65	22.69	22.48	24.00
		1	49	22.54	22.46	22.76	22.53	22.77	24.00
		25	0	21.6	21.49	21.64	21.68	21.67	23.00
		25	13	21.4	21.47	21.61	21.47	21.76	23.00
		25	25	21.5	21.58	21.74	21.56	21.65	23.00
		50	0	21.53	21.51	21.67	21.58	21.69	23.00
	16QAM	1	0	21.59	21.57	21.59	21.78	21.71	23.00
		1	25	21.53	21.51	21.71	21.53	21.62	23.00
		1	49	21.63	21.46	21.69	21.56	21.63	23.00
		25	0	20.61	20.41	20.53	20.6	20.56	22.00
		25	13	20.63	20.43	20.64	20.6	20.63	22.00
		25	25	20.48	20.46	20.62	20.62	20.74	22.00
		50	0	20.5	20.66	20.61	20.78	20.54	22.00
	64QAM	1	0	20.59	20.65	20.70	20.73	20.60	22.00
		1	25	20.48	20.71	20.56	20.52	20.63	22.00
		1	49	20.58	20.60	20.63	20.51	20.69	22.00
		25	0	19.52	19.53	19.73	19.56	19.79	21.00
		25	13	19.55	19.46	19.72	19.67	19.45	21.00
		25	25	19.45	19.48	19.67	19.58	19.72	21.00
		50	0	19.47	19.48	19.73	19.51	19.66	21.00
	256QAM	1	0	17.53	17.51	17.65	17.56	17.51	19.00
		1	25	17.52	17.52	17.60	17.68	17.60	19.00
		1	49	17.66	17.64	17.56	17.53	17.68	19.00
		25	0	17.71	17.58	17.60	17.62	17.64	19.00
		25	13	17.58	17.49	17.78	17.70	17.73	19.00
		25	25	17.42	17.42	17.76	17.77	17.77	19.00
		50	0	17.44	17.61	17.76	17.64	17.68	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.62	22.53	22.76	22.73	22.74	24.00
		1	38	22.51	22.58	22.69	22.6	22.55	24.00
		1	74	22.45	22.48	22.7	22.56	22.69	24.00
		36	0	21.53	21.46	21.65	21.78	21.68	23.00
		36	18	21.49	21.53	21.68	21.54	21.75	23.00
		36	39	21.5	21.63	21.73	21.64	21.72	23.00
		75	0	21.55	21.55	21.6	21.56	21.74	23.00
	16QAM	1	0	21.63	21.54	21.68	21.69	21.63	23.00
		1	38	21.51	21.52	21.61	21.52	21.7	23.00
		1	74	21.56	21.48	21.78	21.66	21.62	23.00
		36	0	20.53	20.46	20.58	20.65	20.59	22.00
		36	18	20.53	20.45	20.57	20.64	20.63	22.00
		36	39	20.57	20.54	20.53	20.55	20.77	22.00
		75	0	20.49	20.63	20.55	20.74	20.63	22.00
	64QAM	1	0	20.63	20.57	20.76	20.69	20.54	22.00
		1	38	20.39	20.68	20.56	20.56	20.55	22.00
		1	74	20.54	20.53	20.64	20.52	20.63	22.00
		36	0	19.50	19.52	19.70	19.64	19.73	21.00
		36	18	19.59	19.49	19.70	19.76	19.54	21.00
		36	39	19.46	19.51	19.63	19.61	19.68	21.00
		75	0	19.56	19.57	19.70	19.58	19.69	21.00

		1	0	17.53	17.44	17.70	17.58	17.59	19.00
		1	38	17.58	17.48	17.60	17.77	17.58	19.00
		1	74	17.61	17.61	17.64	17.63	17.59	19.00
	256QAM	36	0	17.70	17.55	17.65	17.63	17.54	19.00
		36	18	17.65	17.57	17.72	17.65	17.66	19.00
		36	39	17.50	17.45	17.67	17.72	17.73	19.00
		75	0	17.48	17.61	17.71	17.57	17.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	22.6	22.54	22.76	22.68	22.67	24.00
		1	50	22.5	22.53	22.61	22.62	22.64	24.00
		1	99	22.51	22.58	22.68	22.65	22.67	24.00
		50	0	21.55	21.54	21.65	21.68	21.67	23.00
		50	25	21.53	21.54	21.63	21.61	21.69	23.00
		50	50	21.55	21.56	21.63	21.68	21.64	23.00
	16QAM	100	0	21.54	21.56	21.66	21.62	21.67	23.00
		1	0	21.55	21.55	21.69	21.66	21.68	23.00
		1	50	21.48	21.58	21.63	21.61	21.65	23.00
		1	99	21.57	21.51	21.68	21.67	21.62	23.00
		50	0	20.5	20.51	20.63	20.61	20.65	22.00
		50	25	20.53	20.54	20.64	20.66	20.68	22.00
	64QAM	50	50	20.51	20.55	20.62	20.62	20.68	22.00
		100	0	20.54	20.55	20.63	20.66	20.64	22.00
		1	0	20.54	20.52	20.67	20.67	20.64	22.00
		1	50	20.48	20.58	20.66	20.62	20.65	22.00
		1	99	20.54	20.60	20.63	20.62	20.68	22.00
		50	0	19.57	19.52	19.66	19.66	19.65	21.00
	256QAM	50	25	19.60	19.52	19.64	19.69	19.63	21.00
		50	50	19.53	19.54	19.67	19.62	19.62	21.00
		100	0	19.49	19.54	19.65	19.62	19.68	21.00
		1	0	17.51	17.52	17.65	17.66	17.66	19.00
		1	50	17.56	17.54	17.64	17.67	17.61	19.00
		1	99	17.57	17.54	17.61	17.65	17.68	19.00
		50	0	17.60	17.55	17.64	17.68	17.62	19.00
		50	25	17.59	17.58	17.63	17.69	17.67	19.00
		50	50	17.53	17.54	17.61	17.65	17.63	19.00
		100	0	17.50	17.57	17.65	17.63	17.65	19.00

LTE Band 41 PC2 Full Power				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	25.65	25.67	25.82	25.55	25.71	27.00
		1	13	25.49	25.62	25.67	25.73	25.46	27.00
		1	24	25.43	25.45	25.82	25.43	25.86	27.00
		12	0	24.51	24.58	24.68	24.74	24.72	26.00
		12	6	24.33	24.37	24.62	24.56	24.74	26.00
		12	13	24.6	24.65	24.73	24.46	24.75	26.00
	16QAM	25	0	24.54	24.6	24.69	24.56	24.69	26.00
		1	0	24.65	24.66	24.6	24.71	24.77	26.00
		1	13	24.39	24.42	24.6	24.56	24.57	26.00
		1	24	24.54	24.51	24.56	24.62	24.73	26.00
		12	0	23.6	23.32	23.48	23.66	23.65	25.00
		12	6	23.6	23.41	23.77	23.65	23.67	25.00
	64QAM	12	13	23.39	23.41	23.67	23.58	23.68	25.00
		25	0	23.42	23.62	23.55	23.78	23.51	25.00
		1	0	23.58	23.71	23.71	23.78	23.61	25.00
		1	13	23.44	23.76	23.51	23.46	23.62	25.00
		1	24	23.66	23.53	23.71	23.43	23.72	25.00
		12	0	22.55	22.50	22.79	22.48	22.90	24.00
	256QAM	12	6	22.48	22.43	22.63	22.60	22.44	24.00
		12	13	22.58	22.50	22.76	22.50	22.72	24.00
		25	0	22.43	22.41	22.71	22.55	22.65	24.00
		1	0	20.63	20.43	20.64	20.60	20.60	22.00
		1	13	20.55	20.58	20.66	20.69	20.56	22.00

		1	24	20.74	20.69	20.62	20.61	20.65	22.00
		12	0	20.72	20.49	20.62	20.54	20.49	22.00
		12	6	20.66	20.49	20.74	20.70	20.75	22.00
		12	13	20.44	20.31	20.78	20.76	20.78	22.00
		25	0	20.37	20.52	20.72	20.60	20.68	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	25.66	25.61	25.87	25.57	25.71	27.00
		1	25	25.44	25.6	25.72	25.72	25.46	27.00
		1	49	25.48	25.43	25.84	25.4	25.85	27.00
		25	0	24.5	24.5	24.68	24.76	24.77	26.00
		25	13	24.37	24.41	24.59	24.56	24.73	26.00
		25	25	24.57	24.64	24.76	24.46	24.76	26.00
	16QAM	50	0	24.53	24.53	24.67	24.57	24.61	26.00
		1	0	24.65	24.59	24.61	24.7	24.76	26.00
		1	25	24.41	24.4	24.64	24.62	24.64	26.00
		1	49	24.53	24.47	24.55	24.62	24.67	26.00
		25	0	23.55	23.35	23.48	23.65	23.61	25.00
		25	13	23.61	23.4	23.74	23.62	23.68	25.00
	64QAM	25	25	23.43	23.49	23.71	23.57	23.7	25.00
		50	0	23.43	23.63	23.62	23.75	23.53	25.00
		1	0	23.66	23.75	23.69	23.80	23.62	25.00
		1	25	23.40	23.71	23.48	23.39	23.65	25.00
		1	49	23.61	23.51	23.65	23.46	23.75	25.00
		25	0	22.53	22.47	22.83	22.49	22.84	24.00
	256QAM	25	13	22.44	22.42	22.61	22.58	22.47	24.00
		25	25	22.58	22.48	22.81	22.52	22.70	24.00
		50	0	22.42	22.41	22.78	22.62	22.67	24.00
		1	0	20.65	20.45	20.62	20.60	20.56	22.00
		1	25	20.53	20.60	20.61	20.70	20.53	22.00
		1	49	20.75	20.66	20.60	20.64	20.66	22.00
15MHz	QPSK	25	0	20.64	20.44	20.61	20.56	20.52	22.00
		25	13	20.65	20.49	20.68	20.71	20.74	22.00
		25	25	20.51	20.31	20.75	20.75	20.81	22.00
		50	0	20.36	20.50	20.69	20.58	20.70	22.00
		1	0	25.59	25.67	25.84	25.59	25.7	27.00
		1	38	25.49	25.58	25.67	25.7	25.45	27.00
	16QAM	1	74	25.48	25.39	25.81	25.43	25.82	27.00
		36	0	24.53	24.55	24.65	24.71	24.77	26.00
		36	18	24.34	24.36	24.64	24.53	24.78	26.00
		36	39	24.62	24.64	24.75	24.43	24.75	26.00
		75	0	24.52	24.6	24.65	24.54	24.7	26.00
		1	0	24.68	24.58	24.6	24.71	24.77	26.00
	64QAM	1	38	24.45	24.42	24.66	24.61	24.64	26.00
		1	74	24.59	24.47	24.61	24.55	24.72	26.00
		36	0	23.61	23.34	23.52	23.67	23.58	25.00
		36	18	23.65	23.4	23.75	23.64	23.64	25.00
		36	39	23.37	23.44	23.72	23.58	23.65	25.00
		75	0	23.46	23.57	23.56	23.73	23.54	25.00
	256QAM	1	0	23.63	23.73	23.74	23.83	23.66	25.00
		1	38	23.45	23.74	23.48	23.39	23.63	25.00
		1	74	23.62	23.55	23.64	23.49	23.77	25.00
		36	0	22.53	22.52	22.79	22.48	22.88	24.00
		36	18	22.49	22.35	22.65	22.57	22.51	24.00
		36	39	22.57	22.50	22.72	22.48	22.76	24.00
15MHz	QPSK	75	0	22.43	22.46	22.76	22.54	22.70	24.00
		1	0	20.64	20.44	20.64	20.63	20.63	22.00
		1	38	20.54	20.60	20.64	20.67	20.60	22.00
		1	74	20.70	20.71	20.54	20.61	20.65	22.00
		36	0	20.70	20.50	20.62	20.54	20.54	22.00
		36	18	20.69	20.45	20.71	20.74	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	25.59	25.67	25.84	25.59	25.7	27.00
		1	38	25.49	25.58	25.67	25.7	25.45	27.00
		1	74	25.48	25.39	25.81	25.43	25.82	27.00
		36	0	24.53	24.55	24.65	24.71	24.77	26.00
		36	18	24.34	24.36	24.64	24.53	24.78	26.00
		36	39	24.62	24.64	24.75	24.43	24.75	26.00
	16QAM	75	0	24.52	24.6	24.65	24.54	24.7	26.00
		1	0	24.68	24.58	24.6	24.71	24.77	26.00
		1	38	24.45	24.42	24.66	24.61	24.64	26.00
		1	74	24.59	24.47	24.61	24.55	24.72	26.00
		36	0	23.61	23.34	23.52	23.67	23.58	25.00
		36	18	23.65	23.4	23.75	23.64	23.64	25.00
	64QAM	36	39	23.37	23.44	23.72	23.58	23.65	25.00
		75	0	23.46	23.57	23.56	23.73	23.54	25.00
		1	0	23.63	23.73	23.74	23.83	23.66	25.00
		1	38	23.45	23.74	23.48	23.39	23.63	25.00
		1	74	23.62	23.55	23.64	23.49	23.77	25.00
		36	0	22.53	22.52	22.79	22.48	22.88	24.00
	256QAM	36	18	22.49	22.35	22.65	22.57	22.51	24.00
		36	39	22.57	22.50	22.72	22.48	22.76	24.00
		75	0	22.43	22.46	22.76	22.54	22.70	24.00
		1	0	20.64	20.44	20.64	20.63	20.63	22.00
		1	38	20.54	20.60	20.64	20.67	20.60	22.00
		1	74	20.70	20.71	20.54	20.61	20.65	22.00
15MHz	QPSK	36	0	20.70	20.50	20.62	20.54	20.54	22.00
		36	18	20.69	20.45	20.71	20.74	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	25.59	25.67	25.84	25.59	25.7	27.00
		1	38	25.49	25.58	25.67	25.7	25.45	27.00
		1	74	25.48	25.39	25.81	25.43	25.82	27.00
		36	0	24.53	24.55	24.65	24.71	24.77	26.00
		36	18	24.34	24.36	24.64	24.53	24.78	26.00
		36	39	24.62	24.64	24.75	24.43	24.75	26.00
	16QAM	75	0	24.52	24.6	24.65	24.54	24.7	26.00
		1	0	24.68	24.58	24.6	24.71	24.77	26.00
		1	38	24.45	24.42	24.66	24.61	24.64	26.00
		1	74	24.59	24.47	24.61	24.55	24.72	26.00
		36	0	23.61	23.34	23.52	23.67	23.58	25.00
		36	18	23.65	23.4	23.75	23.64	23.64	25.00
	64QAM	36	39	23.37	23.44	23.72	23.58	23.65	25.00
		75	0	23.46	23.57	23.56	23.73	23.54	25.00
		1	0	23.63	23.73	23.74	23.83	23.66	25.00
		1	38	23.45	23.74	23.48	23.39	23.63	25.00
		1	74	23.62	23.55	23.64	23.49	23.77	25.00
		36	0	22.53	22.52	22.79	22.48	22.88	24.00
	256QAM	36	18	22.49	22.35	22.65	22.57	22.51	24.00
		36	39	22.57	22.50	22.72	22.48	22.76	24.00
		75	0	22.43	22.46	22.76	22.54	22.70	24.00
		1	0	20.64	20.44	20.64	20.63	20.63	22.00
		1	38	20.54	20.60	20.64	20.67	20.60	22.00
		1	74	20.70	20.71	20.54	20.61	20.65	22.00
15MHz	QPSK	36	0	20.70	20.50	20.62	20.54	20.54	22.00
		36	18	20.69	20.45	20.71	20.74	20.74	22.00

		36	39	20.44	20.35	20.71	20.78	20.84	22.00
		75	0	20.31	20.49	20.76	20.57	20.68	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	25.64	25.64	26.02	25.58	25.71	27.00
		1	50	25.47	25.55	25.68	25.71	25.45	27.00
		1	99	25.4	25.43	25.86	25.41	25.88	27.00
		50	0	24.5	24.5	25.11	24.72	24.77	26.00
		50	25	24.29	24.37	24.59	24.56	24.8	26.00
		50	50	24.61	24.63	24.79	24.44	24.68	26.00
		100	0	24.52	24.59	24.64	24.59	24.65	26.00
	16QAM	1	0	24.66	24.66	24.62	24.7	24.81	26.00
		1	50	24.4	24.42	24.62	24.61	24.63	26.00
		1	99	24.53	24.47	24.58	24.55	24.67	26.00
		50	0	23.61	23.37	23.54	23.66	23.62	25.00
		50	25	23.64	23.45	23.71	23.67	23.68	25.00
		50	50	23.39	23.43	23.73	23.63	23.67	25.00
		100	0	23.51	23.56	23.58	23.78	23.56	25.00
	64QAM	1	0	23.62	23.77	23.74	23.79	23.67	25.00
		1	50	23.42	23.70	23.53	23.41	23.59	25.00
		1	99	23.61	23.58	23.65	23.51	23.71	25.00
		50	0	22.51	22.47	22.77	22.53	22.84	24.00
		50	25	22.51	22.41	22.66	22.56	22.43	24.00
		50	50	22.53	22.51	22.75	22.52	22.74	24.00
		100	0	22.44	22.44	22.78	22.59	22.64	24.00
	256QAM	1	0	20.64	20.45	20.62	20.59	20.63	22.00
		1	50	20.55	20.57	20.62	20.71	20.59	22.00
		1	99	20.68	20.68	20.62	20.59	20.58	22.00
		50	0	20.65	20.44	20.63	20.52	20.55	22.00
		50	25	20.65	20.52	20.73	20.70	20.72	22.00
		50	50	20.44	20.31	20.76	20.75	20.86	22.00
		100	0	20.31	20.49	20.71	20.60	20.65	22.00

1.2 Conducted Power of Legacy (Ant1)

WCDMA Band II Body worn/Hotspot					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.17	22.34	22.21	24.00
	12.2kbps AMR	22.2	22.33	22.11	24.00
HSDPA	Subtest 1	22.07	22.19	22.16	24.00
	Subtest 2	22.09	22.19	22.20	24.00
	Subtest 3	21.71	21.73	21.73	23.50
	Subtest 4	21.68	21.74	21.74	23.50
HSUPA	Subtest 1	22.10	22.16	22.17	24.00
	Subtest 2	22.05	22.11	22.20	24.00
	Subtest 3	21.71	21.75	21.70	23.50
	Subtest 4	21.64	21.85	21.75	23.50
	Subtest 5	22.19	22.16	22.13	24.00
HSPA+	16QAM	19.68	19.74	19.70	21.50

WCDMA Band IV full power/Head					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.06	24.18	24.12	25.00
	12.2kbps AMR	24.08	24.14	24.09	25.00
HSDPA	Subtest 1	24.11	24.12	24.09	25.00
	Subtest 2	24.10	24.15	24.13	25.00
	Subtest 3	23.76	23.75	23.72	24.50
	Subtest 4	23.66	23.74	23.68	24.50
HSUPA	Subtest 1	23.33	23.31	23.36	25.00
	Subtest 2	23.29	23.27	23.25	25.00
	Subtest 3	22.86	22.92	22.93	24.50
	Subtest 4	22.89	22.89	22.92	24.50
	Subtest 5	23.30	23.32	23.33	25.00
HSPA+	16QAM	20.96	20.89	20.88	22.50

WCDMA Band IV Body worn/Hotspot					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.54	23.67	23.61	24.50
	12.2kbps AMR	23.53	23.6	23.58	24.50
HSDPA	Subtest 1	23.62	23.62	23.57	24.50
	Subtest 2	23.60	23.63	23.65	24.50
	Subtest 3	23.22	23.22	23.21	24.00
	Subtest 4	23.14	23.21	23.17	24.00
HSUPA	Subtest 1	22.84	22.82	22.87	24.50
	Subtest 2	22.76	22.78	22.77	24.50
	Subtest 3	22.32	22.45	22.45	24.00
	Subtest 4	22.42	22.40	22.42	24.00
	Subtest 5	22.77	22.83	22.82	24.50
HSPA+	16QAM	20.44	20.39	20.33	22.00

WCDMA Band V full power/Head/Body worn/Hotspot					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.43	23.53	23.45	25.00
	12.2kbps AMR	23.36	23.50	23.43	25.00
HSDPA	Subtest 1	23.31	23.44	23.34	25.00
	Subtest 2	23.40	23.45	23.39	25.00
	Subtest 3	22.94	23.09	23.02	24.50
	Subtest 4	23.06	23.01	23.10	24.50
HSUPA	Subtest 1	23.40	23.51	23.36	25.00
	Subtest 2	23.48	23.44	23.45	25.00
	Subtest 3	22.98	23.08	22.90	24.50
	Subtest 4	23.12	23.08	23.04	24.50
	Subtest 5	23.33	23.43	23.41	25.00
HSPA+	16QAM	20.95	21.04	20.99	22.50