

GSM850

GSM Measured Power:

Carrier frequency (MHz)	Channel No.	Burst Power (dBm)	Tuneup Tolerance (dBm)	Frame power (dBm)	Tuneup Tolerance (dBm)
824.2	128	31.98	32.0	22.95	23.0
836.6	190	31.85		22.82	
848.8	251	31.62		22.59	

GPRS/EGPRS (GMSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Burst Power (dBm)	Tuneup Tolerance (dBm)	Frame power (dBm)	Tuneup Tolerance (dBm)
824.2	128	4Downlink 1uplink	31.79	32.0	22.76	23.0
836.6	190		31.65		22.62	
848.8	251		31.43		22.40	
824.2	128	3Downlink 2uplink	31.20	31.5	25.18	25.5
836.6	190		31.10		25.08	
848.8	251		30.88		24.86	
824.2	128	2Downlink 3uplink	29.63	30.0	25.37	25.5
836.6	190		29.50		25.24	
848.8	251		29.35		25.09	
824.2	128	1Downlink 4uplink	28.60	29.0	25.59	26.0
836.6	190		28.46		25.45	
22.5848.8	251		28.27		25.26	

EGPRS (GMSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Burst Power (dBm)	Tuneup Tolerance (dBm)	Frame power (dBm)	Tuneup Tolerance (dBm)
824.2	128	8PSK	31.74	32.0	22.71	23.0
836.6	190	4Downlink	31.65		22.62	
848.8	251	1uplink	31.41		22.38	
824.2	128	8PSK	31.18	31.5	25.16	25.5
836.6	190	3Downlink	31.07		25.05	
848.8	251	2uplink	30.84		24.82	
824.2	128	8PSK	29.61	30.0	25.35	25.5
836.6	190	2Downlink	29.49		25.23	
848.8	251	3uplink	29.31		25.05	
824.2	128	8PSK	28.54	29.0	25.53	26.0
836.6	190	1Downlink	28.44		25.43	
848.8	251	4uplink	28.23		25.22	

PCS1900

GSM Measured Power:

Carrier frequency (MHz)	Channel No.	Burst Power (dBm)	Tuneup Tolerance (dBm)	Frame power (dBm)	Tuneup Tolerance (dBm)
1850.2	512	29.90	30.0	20.87	21.0
1880	661	29.78		20.75	
1909.8	810	29.65		20.62	

GPRS/EGPRS (GMSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Burst Power (dBm)	Tuneup Tolerance (dBm)	Frame power (dBm)	Tuneup Tolerance (dBm)
1850.2	512	4Downlink 1uplink	28.71	29.0	19.68	20.0
1880	661		28.61		19.58	
1909.8	810		28.41		19.38	
1850.2	512	3Downlink 2uplink	27.98	28.0	21.96	22.0
1880	661		27.99		21.97	
1909.8	810		27.80		21.78	
1850.2	512	2Downlink 3uplink	26.20	26.5	21.94	22.0
1880	661		26.25		21.99	
1909.8	810		26.18		21.92	
1850.2	512	1Downlink 4uplink	25.16	25.5	22.15	22.5
1880	661		25.19		22.18	
1909.8	810		25.12		22.11	

EGPRS (GMSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Burst Power (dBm)	Tuneup Tolerance (dBm)	Frame power (dBm)	Tuneup Tolerance (dBm)
1850.2	512	8PSK	27.60	28.0	18.57	19.0
1880	661	4Downlink 1uplink	26.86		17.83	
1909.8	810		25.53		16.50	
1850.2	512	8PSK	27.22	27.5	21.20	21.5
1880	661	3Downlink 2uplink	26.53		20.51	
1909.8	810		25.19		19.17	
1850.2	512	8PSK	26.12	26.5	21.86	22.0
1880	661	2Downlink 3uplink	25.66		21.40	
1909.8	810		24.01		19.75	
1850.2	512	8PSK	25.40	25.5	22.39	22.5
1880	661	1Downlink 4uplink	24.99		21.98	
1909.8	810		23.54		20.53	

## WCDMA band II

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)	Tuneup Tolerance (dBm)
Release 99	RMC,12.2kbps	1852.4	9262	20.13	20.5
		1880	9400	19.70	
		1907.6	9538	18.26	
HSDPA	Subtest1	1852.4	9262	16.11	16.5
		1880	9400	15.15	
		1907.6	9538	14.21	
	Subtest2	1852.4	9262	16.45	
		1880	9400	15.52	
		1907.6	9538	14.49	
	Subtest3	1852.4	9262	16.17	
		1880	9400	15.60	
		1907.6	9538	14.40	
	Subtest4	1852.4	9262	15.87	
		1880	9400	15.58	
		1907.6	9538	14.88	
HSUPA	Subtest1	1852.4	9262	16.01	16.5
		1880	9400	15.12	
		1907.6	9538	14.67	
	Subtest2	1852.4	9262	15.97	
		1880	9400	15.00	
		1907.6	9538	14.59	
	Subtest3	1852.4	9262	15.87	
		1880	9400	14.96	
		1907.6	9538	14.64	
	Subtest4	1852.4	9262	16.10	
		1880	9400	15.53	
		1907.6	9538	14.58	
	Subtest5	1852.4	9262	16.13	
		1880	9400	15.35	
		1907.6	9538	15.25	
HSPA+	QPSK	1852.4	9262	16.08	16.5
		1880	9400	14.50	
		1907.6	9538	14.76	
	16QAM	1852.4	9262	16.11	
		1880	9400	14.96	
		1907.6	9538	14.54	
DC-HSDPA	Subtest1	1852.4	9262	16.44	16.5
		1880	9400	15.32	

	Subtest2	1907.6	9538	15.42			
		1852.4	9262	16.35			
		1880	9400	15.92			
	Subtest3	1907.6	9538	15.30			
		1852.4	9262	16.10			
		1880	9400	15.56			
	Subtest4	1907.6	9538	15.50			
		1852.4	9262	16.05			
		1880	9400	15.60			
			1907.6	9538		14.99	

WCDMA band IV

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)	Tuneup Tolerance (dBm)
Release 99	RMC,12.2kbps	1712.4	1312	23.22	24.0
		1732.6	1413	23.65	
		1752.6	1513	23.67	
HSDPA	Subtest1	1712.4	1312	19.44	20.5
		1732.6	1413	20.06	
		1752.6	1513	19.51	
	Subtest2	1712.4	1312	19.37	
		1732.6	1413	19.81	
		1752.6	1513	19.64	
	Subtest3	1712.4	1312	19.43	
		1732.6	1413	19.64	
		1752.6	1513	19.25	
	Subtest4	1712.4	1312	19.08	
		1732.6	1413	19.50	
		1752.6	1513	19.23	
HSUPA	Subtest1	1712.4	1312	18.97	19.5
		1732.6	1413	19.33	
		1752.6	1513	18.94	
	Subtest2	1712.4	1312	19.14	
		1732.6	1413	19.32	
		1752.6	1513	19.35	
	Subtest3	1712.4	1312	19.19	
		1732.6	1413	19.37	
		1752.6	1513	19.45	
	Subtest4	1712.4	1312	19.13	
		1732.6	1413	19.37	
		1752.6	1513	19.47	
	Subtest5		1712.4	1312	

		1732.6	1413	19.38	
		1752.6	1513	19.34	
HSPA+	QPSK	1712.4	1312	19.23	19.5
		1732.6	1413	19.48	
		1752.6	1513	19.09	
	16QAM	1712.4	1312	18.87	
		1732.6	1413	19.08	
		1752.6	1513	18.88	
DC-HSDPA	Subtest1	1712.4	1312	19.40	20.0
		1732.6	1413	19.56	
		1752.6	1513	19.53	
	Subtest2	1712.4	1312	19.25	
		1732.6	1413	19.88	
		1752.6	1513	19.48	
	Subtest3	1712.4	1312	19.11	
		1732.6	1413	19.17	
		1752.6	1513	19.54	
	Subtest4	1712.4	1312	19.12	
		1732.6	1413	19.24	
		1752.6	1513	19.19	

WCDMA band V

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)	Tuneup Tolerance (dBm)
Release 99	RMC,12.2kbps	826.4	4132	24.23	24.5
		836.6	4183	24.10	
		846.6	4233	24.11	
HSDPA	Subtest1	826.4	4132	20.04	21.0
		836.6	4183	20.30	
		846.6	4233	20.66	
	Subtest2	826.4	4132	20.06	
		836.6	4183	20.26	
		846.6	4233	19.99	
	Subtest3	826.4	4132	19.75	
		836.6	4183	19.95	
		846.6	4233	20.13	
	Subtest4	826.4	4132	19.90	
		836.6	4183	20.21	
		846.6	4233	20.06	
HSUPA	Subtest1	826.4	4132	19.64	20.5
		836.6	4183	19.69	
		846.6	4233	19.83	
	Subtest2	826.4	4132	19.77	

		836.6	4183	19.72	
		846.6	4233	19.86	
		826.4	4132	19.72	
	Subtest3	836.6	4183	19.81	
		846.6	4233	19.95	
		826.4	4132	19.91	
	Subtest4	836.6	4183	19.84	
		846.6	4233	20.17	
		826.4	4132	19.91	
	Subtest5	836.6	4183	19.67	
		846.6	4233	20.02	
HSPA+	QPSK	826.4	4132	19.79	20.5
		836.6	4183	20.01	
		846.6	4233	20.04	
	16QAM	826.4	4132	19.57	
		836.6	4183	19.79	
		846.6	4233	19.81	
DC-HSDPA	Subtest1	826.4	4132	20.14	20.5
		836.6	4183	20.31	
		846.6	4233	20.12	
	Subtest2	826.4	4132	19.99	
		836.6	4183	20.19	
		846.6	4233	20.33	
	Subtest3	826.4	4132	19.83	
		836.6	4183	20.02	
		846.6	4233	19.97	
	Subtest4	826.4	4132	19.64	
		836.6	4183	19.85	
		846.6	4233	20.08	

LTE Band2

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				18607	18900	19193	Tune-up
				1850.7	1880	1909.3	Tolerance
1.4	QPSK	1	0	23.88	23.84	23.76	24.0
		1	3	23.82	23.85	23.76	24.0
		1	5	23.82	23.87	23.83	24.0
		3	0	23.94	23.92	23.85	24.0
		3	1	23.86	23.85	23.93	24.0
		3	3	23.93	23.86	23.92	24.0
		6	0	22.95	23.00	22.92	23.0
	16QAM	1	0	23.04	23.07	22.88	23.5
		1	3	22.95	23.03	22.91	23.5
		1	5	23.00	22.97	22.91	23.0
		3	0	23.26	22.85	22.97	23.5
		3	1	23.18	22.99	22.99	23.5
		3	3	23.26	23.02	22.95	23.5
		6	0	22.01	21.98	21.76	22.5
	64QAM	1	0	21.99	22.07	21.81	22.5
		1	3	21.99	21.93	21.82	22.0
		1	5	21.94	21.97	21.73	22.0
		3	0	21.98	21.96	21.84	22.0
		3	1	21.92	21.97	21.90	22.0
		3	3	21.94	22.03	21.81	22.5
		6	0	21.94	21.99	21.78	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				18615	18900	19185	Tune-up Tolerance
				1851.5	1880	1908.5	
3	QPSK	1	0	23.85	23.95	23.77	24.0
		1	8	23.87	23.88	23.79	24.0
		1	14	23.79	23.85	23.80	24.0
		8	0	22.89	22.90	22.88	23.0
		8	4	22.83	22.91	22.90	23.0
		8	7	22.93	22.91	22.85	23.0
		15	0	22.95	22.89	22.88	23.0
	16QAM	1	0	23.52	23.13	22.92	24.0
		1	8	23.49	23.09	22.96	23.5
		1	14	23.51	23.05	22.89	24.0
		8	0	22.12	21.93	21.88	22.5
		8	4	22.12	21.90	21.96	22.5
		8	7	22.10	21.95	21.87	22.5
		15	0	21.98	21.85	21.91	22.0
	64QAM	1	0	21.98	21.87	21.92	22.0
		1	8	22.02	21.88	21.93	22.5
		1	14	22.01	21.88	21.97	22.5
		8	0	22.04	21.80	21.93	22.5
		8	4	22.03	21.88	21.95	22.5
		8	7	21.95	21.85	21.95	22.0
		15	0	21.99	21.89	21.95	22.0



BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				18625	18900	19175	Tune-up Tolerance
				1852.5	1880	1907.5	
5	QPSK	1	0	23.82	23.78	23.68	24.0
		1	12	23.70	23.74	23.69	24.0
		1	24	23.76	23.75	23.75	24.0
		12	0	22.95	22.95	22.82	23.0
		12	7	22.91	22.92	22.87	23.0
		12	13	22.88	22.94	22.90	23.0
		25	0	22.90	22.96	22.86	23.0
	16QAM	1	0	22.89	23.11	22.84	23.5
		1	12	22.78	23.09	22.85	23.5
		1	24	22.74	23.11	22.85	23.5
		12	0	21.86	21.98	21.78	22.0
		12	7	21.94	22.00	21.78	22.0
		12	13	21.87	22.01	21.78	22.5
		25	0	21.98	21.96	21.89	22.0
	64QAM	1	0	21.98	21.94	21.93	22.0
		1	12	21.98	21.94	21.84	22.0
		1	24	22.05	21.97	21.90	22.5
		12	0	21.96	21.95	21.86	22.0
		12	7	21.99	22.00	21.89	22.0
		12	13	22.04	21.94	21.89	22.5
		25	0	21.97	22.00	21.92	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				18650	18900	19150	Tune-up Tolerance
				1855	1880	1905	
10	QPSK	1	0	23.90	23.85	23.83	24.0
		1	25	23.81	23.83	23.81	24.0
		1	49	23.78	23.89	23.89	24.0
		25	0	23.00	22.94	22.95	23.0
		25	12	22.96	22.97	22.92	23.0
		25	25	22.93	22.94	22.89	23.0
		50	0	22.95	23.00	22.93	23.0
	16QAM	1	0	23.54	23.06	22.90	24.0
		1	25	23.48	23.03	22.97	23.5
		1	49	23.41	23.02	22.97	23.5
		25	0	22.01	21.96	22.06	22.5
		25	12	22.01	22.07	21.96	22.5
		25	25	22.01	22.05	21.94	22.5
		50	0	21.91	21.97	21.99	22.0
	64QAM	1	0	22.01	22.04	21.98	22.5
		1	25	21.99	22.04	21.98	22.5
		1	49	22.00	22.08	21.99	22.5
		25	0	21.99	21.98	22.00	22.0
		25	12	21.91	22.03	21.92	22.5
		25	25	22.01	21.98	21.94	22.5
		50	0	21.91	22.00	21.97	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				18675	18900	19125	Tune-up Tolerance
				1857.5	1880	1902.5	
15	QPSK	1	0	23.79	23.80	23.78	24.0
		1	37	23.77	23.77	23.85	24.0
		1	74	23.74	23.82	23.82	24.0
		36	0	23.02	23.01	22.99	23.5
		36	29	22.94	22.99	22.98	23.0
		36	30	22.90	23.02	22.99	23.5
		75	0	22.93	23.01	23.02	23.5
	16QAM	1	0	23.45	22.95	23.21	23.5
		1	37	23.49	22.95	23.30	23.5
		1	74	23.44	23.02	23.26	23.5
		36	0	21.86	22.01	21.92	22.5
		36	29	21.93	21.98	21.86	22.0
		36	30	21.99	21.95	21.92	22.0
		75	0	21.99	22.01	21.89	22.5
	64QAM	1	0	21.98	21.93	21.94	22.0
		1	37	21.94	21.98	21.95	22.0
		1	74	21.91	21.92	21.92	22.0
		36	0	21.98	22.07	21.94	22.5
		36	29	21.97	22.01	21.93	22.5
		36	30	21.98	21.95	21.93	22.0
		75	0	21.90	22.02	21.94	22.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				18700	18900	19100	Tune-up Tolerance
				1860	1880	1900	
20	QPSK	1	0	23.61	23.72	23.52	24.0
		1	49	23.63	23.67	23.65	24.0
		1	99	23.67	23.67	23.58	24.0
		50	0	22.85	22.93	22.99	23.0
		50	24	22.91	23.01	22.76	23.5
		50	50	22.93	23.05	22.86	23.5
		100	0	22.90	23.04	22.93	23.5
	16QAM	1	0	22.92	22.96	23.20	23.5
		1	49	23.02	22.86	23.21	23.5
		1	99	23.01	22.95	23.16	23.5
		50	0	21.80	21.98	22.00	22.0
		50	24	21.92	22.04	21.84	22.5
		50	50	21.96	22.04	21.82	22.5
		100	0	21.86	21.95	21.89	22.0
	64QAM	1	0	21.92	22.05	21.87	22.5
		1	49	21.97	21.99	21.95	22.0
		1	99	21.94	21.96	21.92	22.0
		50	0	21.94	21.98	21.94	22.0
		50	24	21.88	22.04	21.93	22.5
		50	50	21.94	22.02	21.96	22.5
		100	0	21.92	21.99	21.89	22.0

LTE Band4

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				19957	20175	20393	Tune-up
				1710.7	1732.5	1754.3	Tolerance
1.4	QPSK	1	0	23.56	23.73	23.69	24.0
		1	3	23.54	23.71	23.68	24.0
		1	5	23.55	23.67	23.72	24.0
		3	0	23.66	23.81	23.74	24.0
		3	1	23.70	23.81	23.71	24.0
		3	3	23.63	23.78	23.74	24.0
		6	0	22.65	22.66	22.72	23.0
	16QAM	1	0	22.67	22.76	22.83	23.0
		1	3	22.70	22.82	22.82	23.0
		1	5	22.69	22.75	22.76	23.0
		3	0	22.72	23.02	22.74	23.5
		3	1	22.78	23.05	22.68	23.5
		3	3	22.75	23.06	22.78	23.5
		6	0	21.52	21.78	21.72	22.0
	64QAM	1	0	21.61	21.70	21.77	22.0
		1	3	21.50	21.77	21.69	22.0
		1	5	21.48	21.74	21.71	22.0
		3	0	21.54	21.81	21.83	22.0
		3	1	21.51	21.76	21.77	22.0
		3	3	21.56	21.80	21.76	22.0
		6	0	21.54	21.70	21.83	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				19965	20175	20385	Tune-up
				1711.5	1732.5	1753.5	Tolerance
3	QPSK	1	0	23.60	23.77	23.65	24.0
		1	8	23.60	23.75	23.72	24.0
		1	14	23.59	23.70	23.65	24.0
		8	0	22.59	22.70	22.72	23.0
		8	4	22.58	22.68	22.68	23.0
		8	7	22.64	22.72	22.68	23.0
		15	0	22.58	22.71	22.73	23.0
	16QAM	1	0	23.12	22.89	22.84	23.5
		1	8	23.18	22.78	22.82	23.5
		1	14	23.19	22.79	22.77	23.5
		8	0	21.77	21.67	21.65	22.0
		8	4	21.73	21.67	21.71	22.0
		8	7	21.83	21.72	21.73	22.0
		15	0	21.62	21.64	21.72	22.0
	64QAM	1	0	21.67	21.65	21.73	22.0
		1	8	21.69	21.65	21.70	22.0
		1	14	21.65	21.65	21.76	22.0
		8	0	21.67	21.70	21.73	22.0
		8	4	21.65	21.63	21.71	22.0
		8	7	21.68	21.66	21.69	22.0
		15	0	21.69	21.65	21.76	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				19975	20175	20375	Tune-up
				1712.5	1732.5	1752.5	Tolerance
5	QPSK	1	0	23.48	23.61	23.62	24.0
		1	12	23.60	23.68	23.59	24.0
		1	24	23.57	23.67	23.57	24.0
		12	0	22.65	22.68	22.67	23.0
		12	7	22.68	22.69	22.69	23.0
		12	13	22.68	22.68	22.70	23.0
		25	0	22.59	22.76	22.63	23.0
	16QAM	1	0	22.51	22.90	22.70	23.0
		1	12	22.53	22.90	22.65	23.0
		1	24	22.59	22.96	22.66	23.0
		12	0	21.64	21.78	21.62	22.0
		12	7	21.65	21.82	21.62	22.0
		12	13	21.62	21.79	21.62	22.0
		25	0	21.69	21.73	21.70	22.0
	64QAM	1	0	21.69	21.75	21.71	22.0
		1	12	21.67	21.71	21.71	22.0
		1	24	21.68	21.75	21.67	22.0
		12	0	21.64	21.74	21.67	22.0
		12	7	21.66	21.74	21.68	22.0
		12	13	21.65	21.72	21.69	22.0
		25	0	21.64	21.76	21.67	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20000	20175	20350	Tune-up Tolerance
				1715	1732.5	1750	
10	QPSK	1	0	23.57	23.72	23.76	24.0
		1	25	23.54	23.70	23.71	24.0
		1	49	23.56	23.78	23.65	24.0
		25	0	22.62	22.73	22.70	23.0
		25	12	22.68	22.79	22.67	23.0
		25	25	22.68	22.73	22.67	23.0
		50	0	22.72	22.75	22.69	23.0
	16QAM	1	0	23.19	22.93	22.78	23.5
		1	25	23.26	22.87	22.83	23.5
		1	49	23.25	22.91	22.75	23.5
		25	0	21.67	21.80	21.78	22.0
		25	12	21.78	21.82	21.74	22.0
		25	25	21.73	21.81	21.80	22.0
		50	0	21.71	21.83	21.74	22.0
	64QAM	1	0	21.74	21.82	21.72	22.0
		1	25	21.71	21.84	21.68	22.0
		1	49	21.67	21.77	21.75	22.0
		25	0	21.71	21.77	21.69	22.0
		25	12	21.70	21.77	21.74	22.0
		25	25	21.71	21.83	21.73	22.0
		50	0	21.69	21.80	21.71	22.0



BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20025	20175	20325	Tune-up Tolerance
				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.48	23.66	23.62	24.0
		1	37	23.58	23.67	23.60	24.0
		1	74	23.57	23.72	23.59	24.0
		36	0	22.74	22.82	22.71	23.0
		36	29	22.80	22.87	22.70	23.0
		36	30	22.76	22.86	22.87	23.0
		75	0	22.70	22.85	22.82	23.0
	16QAM	1	0	23.13	22.87	23.14	23.5
		1	37	23.28	22.80	23.08	23.5
		1	74	23.22	22.78	23.09	23.5
		36	0	21.76	21.81	21.70	22.0
		36	29	21.79	21.76	21.74	22.0
		36	30	21.75	21.76	21.65	22.0
		75	0	21.70	21.79	21.73	22.0
	64QAM	1	0	21.77	21.80	21.70	22.0
		1	37	21.66	21.84	21.65	22.0
		1	74	21.75	21.83	21.72	22.0
		36	0	21.72	21.84	21.68	22.0
		36	29	21.74	21.79	21.66	22.0
		36	30	21.74	21.88	21.74	22.0
		75	0	21.73	21.86	21.72	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20050	20175	20300	Tune-up Tolerance
				1720	1732.5	1745	
20	QPSK	1	0	23.37	23.65	23.48	24.0
		1	49	23.49	23.61	23.35	24.0
		1	99	23.47	23.54	23.36	24.0
		50	0	22.65	22.77	22.75	23.0
		50	24	22.73	22.86	22.73	23.0
		50	50	22.72	22.83	22.65	23.0
		100	0	22.68	22.82	22.70	23.0
	16QAM	1	0	22.69	22.80	23.06	23.5
		1	49	22.80	22.69	22.98	23.0
		1	99	22.78	22.74	22.98	23.0
		50	0	21.70	21.73	21.69	22.0
		50	24	21.69	21.75	21.64	22.0
		50	50	21.69	21.72	21.66	22.0
		100	0	21.71	21.84	21.68	22.0
	64QAM	1	0	21.76	21.84	21.68	22.0
		1	49	21.74	21.78	21.69	22.0
		1	99	21.75	21.86	21.68	22.0
		50	0	21.68	21.83	21.68	22.0
		50	24	21.73	21.85	21.69	22.0
		50	50	21.71	21.87	21.68	22.0
		100	0	21.75	21.83	21.70	22.0

LTE Band5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20407	20525	20643	Tune-up
				824.7	836.5	848.3	Tolerance
1.4	QPSK	1	0	23.73	23.90	23.96	24.0
		1	3	23.71	23.97	24.00	24.0
		1	5	23.76	23.95	24.01	24.5
		3	0	23.81	23.97	24.02	24.5
		3	1	23.80	24.00	24.12	24.5
		3	3	23.85	24.07	24.14	24.5
		6	0	22.69	22.96	23.12	23.5
	16QAM	1	0	22.77	22.96	23.07	23.5
		1	3	22.80	23.01	23.14	23.5
		1	5	22.82	23.08	23.10	23.5
		3	0	22.96	22.92	23.22	23.5
		3	1	23.01	22.89	23.12	23.5
		3	3	23.03	23.05	23.14	23.5
		6	0	21.78	21.98	22.02	22.5
	64QAM	1	0	21.76	22.02	22.01	22.5
		1	3	21.76	22.07	21.98	22.5
		1	5	21.75	22.03	22.02	22.5
		3	0	21.71	21.99	21.98	22.0
		3	1	21.79	22.01	21.97	22.5
		3	3	21.78	21.94	22.00	22.0
		6	0	21.74	21.99	22.03	22.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20415	20525	20635	Tune-up
				825.5	836.5	847.5	Tolerance
3	QPSK	1	0	23.76	23.92	24.00	24.0
		1	8	23.84	23.97	24.07	24.5
		1	14	23.82	23.94	24.06	24.5
		8	0	22.78	22.97	23.16	23.5
		8	4	22.82	23.00	23.07	23.5
		8	7	22.81	22.99	23.09	23.5
		15	0	22.80	23.02	23.15	23.5
	16QAM	1	0	23.33	23.11	23.18	23.5
		1	8	23.40	23.13	23.17	23.5
		1	14	23.45	23.08	23.13	23.5
		8	0	21.95	22.05	22.15	22.5
		8	4	22.00	21.95	22.07	22.5
		8	7	22.02	21.92	22.11	22.5
		15	0	21.81	21.94	22.20	22.5
	64QAM	1	0	21.86	21.95	22.16	22.5
		1	8	21.87	21.91	22.16	22.5
		1	14	21.90	21.93	22.19	22.5
		8	0	21.90	21.91	22.12	22.5
		8	4	21.89	21.94	22.15	22.5
		8	7	21.84	21.94	22.18	22.5
		15	0	21.91	21.90	22.22	22.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20425	20525	20625	Tune-up Tolerance
				826.5	836.5	846.5	
5	QPSK	1	0	23.76	23.76	23.85	24.0
		1	12	23.70	23.84	23.95	24.0
		1	24	23.78	23.90	23.94	24.0
		12	0	22.77	22.99	22.97	23.0
		12	7	22.89	22.91	23.13	23.5
		12	13	22.86	22.95	23.13	23.5
		25	0	22.87	22.98	23.07	23.5
	16QAM	1	0	22.71	23.07	22.94	23.5
		1	12	22.68	23.23	23.04	23.5
		1	24	22.74	23.17	23.08	23.5
		12	0	21.75	22.04	21.93	22.5
		12	7	21.84	21.97	22.02	22.5
		12	13	21.87	21.99	22.01	22.5
		25	0	21.95	21.96	22.12	22.5
	64QAM	1	0	21.91	22.00	22.08	22.5
		1	12	21.97	22.02	22.09	22.5
		1	24	21.95	21.95	22.09	22.5
		12	0	21.95	21.94	22.04	22.5
		12	7	21.93	22.04	22.11	22.5
		12	13	21.94	21.97	22.12	22.5
		25	0	21.94	21.96	22.08	22.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				20450	20525	20600	Tune-up Tolerance
				829	836.5	844	
10	QPSK	1	0	23.74	23.92	24.03	24.5
		1	25	23.90	24.04	24.08	24.5
		1	49	23.83	24.00	24.10	24.5
		25	0	22.87	23.06	23.10	23.5
		25	12	22.93	22.99	23.12	23.5
		25	25	22.99	22.99	23.16	23.5
		50	0	22.94	22.99	23.04	23.5
	16QAM	1	0	23.38	23.13	23.05	23.5
		1	25	23.57	23.18	23.16	24.0
		1	49	23.52	23.18	23.14	24.0
		25	0	21.89	22.08	22.13	22.5
		25	12	22.01	22.04	22.19	22.5
		25	25	22.01	22.10	22.27	22.5
		50	0	21.90	22.02	22.06	22.5
	64QAM	1	0	21.92	22.02	22.16	22.5
		1	25	21.91	22.08	22.17	22.5
		1	49	21.87	22.02	22.10	22.5
		25	0	21.88	22.03	22.14	22.5
		25	12	21.97	22.00	22.17	22.5
		25	25	21.87	22.08	22.20	22.5
		50	0	21.89	22.09	22.19	22.5

LTE Band12

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				23017	23095	23173	Tune-up Tolerance
				699.7	707.5	715.3	
1.4	QPSK	1	0	24.10	24.14	23.92	24.5
		1	3	24.16	24.15	23.92	24.5
		1	5	24.19	24.16	23.95	24.5
		3	0	24.38	24.16	24.08	24.5
		3	1	24.30	24.12	23.97	24.5
		3	3	24.25	24.09	24.11	24.5
		6	0	23.22	23.13	23.05	23.5
	16QAM	1	0	23.25	23.20	23.09	23.5
		1	3	23.21	23.19	23.08	23.5
		1	5	23.24	23.23	23.12	23.5
		3	0	23.41	23.10	23.04	23.5
		3	1	23.49	23.16	23.20	23.5
		3	3	23.51	23.08	23.19	24.0
		6	0	22.23	22.22	21.95	22.5
	64QAM	1	0	22.31	22.18	21.93	22.5
		1	3	22.33	22.34	22.00	22.5
		1	5	22.30	22.30	22.01	22.5
		3	0	22.27	22.22	21.96	22.5
		3	1	22.30	22.21	22.03	22.5
		3	3	22.24	22.23	21.99	22.5
		6	0	22.24	22.24	22.00	22.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				23025	23095	23165	Tune-up Tolerance
				700.5	707.5	714.5	
3	QPSK	1	0	24.20	24.20	24.05	24.5
		1	8	24.14	24.15	24.02	24.5
		1	14	24.12	24.12	24.06	24.5
		8	0	23.23	23.15	23.06	23.5
		8	4	23.19	23.05	23.03	23.5
		8	7	23.16	23.07	22.94	23.5
		15	0	23.17	23.12	23.04	23.5
	16QAM	1	0	23.85	23.29	23.11	24.0
		1	8	23.69	23.29	23.05	24.0
		1	14	23.76	23.24	23.09	24.0
		8	0	22.34	22.20	22.15	22.5
		8	4	22.37	22.16	22.08	22.5
		8	7	22.35	22.12	22.05	22.5
		15	0	22.29	22.06	22.16	22.5
	64QAM	1	0	22.27	22.13	22.13	22.5
		1	8	22.27	22.11	22.17	22.5
		1	14	22.29	22.09	22.08	22.5
		8	0	22.23	22.04	22.16	22.5
		8	4	22.28	22.10	22.07	22.5
		8	7	22.28	22.07	22.13	22.5
		15	0	22.33	22.09	22.16	22.5



BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				23035	23095	23155	Tune-up Tolerance
				701.5	707.5	713.5	
5	QPSK	1	0	24.17	24.05	24.02	24.5
		1	12	24.06	24.00	23.99	24.5
		1	24	24.06	24.02	23.66	24.5
		12	0	23.14	23.13	23.06	23.5
		12	7	23.20	23.04	22.96	23.5
		12	13	23.20	23.04	22.73	23.5
		25	0	23.21	23.06	22.98	23.5
	16QAM	1	0	23.18	23.32	22.74	23.5
		1	12	23.03	23.23	22.48	23.5
		1	24	23.10	23.25	22.51	23.5
		12	0	22.10	22.11	22.08	22.5
		12	7	22.18	22.11	21.25	22.5
		12	13	22.09	22.12	21.81	22.5
		25	0	22.20	22.17	21.86	22.5
	64QAM	1	0	22.24	22.12	22.02	22.5
		1	12	22.30	22.11	21.58	22.5
		1	24	22.23	22.17	22.12	22.5
		12	0	22.26	22.15	21.73	22.5
		12	7	22.26	22.13	22.10	22.5
		12	13	22.27	22.14	21.61	22.5
		25	0	22.27	22.16	21.61	22.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				23060	23095	23130	Tune-up Tolerance
				704	707.5	711	
10	QPSK	1	0	23.88	23.65	23.63	24.0
		1	25	23.54	23.53	23.49	24.0
		1	49	23.50	23.53	23.48	24.0
		25	0	22.73	22.65	22.62	23.0
		25	12	22.99	22.63	22.36	23.0
		25	25	22.77	22.58	22.40	23.0
		50	0	22.64	22.60	22.59	23.0
	16QAM	1	0	23.30	22.82	22.71	23.5
		1	25	23.12	22.69	22.61	23.5
		1	49	23.12	22.73	22.60	23.5
		25	0	21.76	21.71	21.72	22.0
		25	12	21.81	21.64	21.55	22.0
		25	25	21.82	21.63	21.51	22.0
		50	0	21.93	21.64	21.56	22.0
	64QAM	1	0	21.77	21.64	21.60	22.0
		1	25	21.69	21.70	21.58	22.0
		1	49	21.95	21.65	21.63	22.0
		25	0	21.75	21.69	21.61	22.0
		25	12	21.92	21.64	21.61	22.0
		25	25	21.78	21.68	21.61	22.0
		50	0	21.79	21.71	21.64	22.0

LTE Band41 (PC2)

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				39675	40620	41565	Tune-up
				2498.5	2593	2687.5	Tolerance
5	QPSK	1	0	26.45	26.05	25.59	26.5
		1	12	26.50	26.09	25.55	26.5
		1	24	26.50	26.00	25.55	26.5
		12	0	25.45	25.10	24.72	25.5
		12	7	25.56	25.05	24.74	26.0
		12	13	25.59	25.03	24.71	26.0
		25	0	25.55	25.10	24.78	26.0
	16QAM	1	0	25.84	25.22	24.95	26.0
		1	12	25.86	25.15	24.92	26.0
		1	24	25.91	25.17	24.95	26.0
		12	0	24.47	24.06	23.80	24.5
		12	7	24.59	24.18	23.82	25.0
		12	13	24.62	24.13	23.77	25.0
		25	0	24.58	24.15	23.85	25.0
	64QAM	1	0	24.88	24.25	24.12	25.0
		1	12	24.82	24.26	24.08	25.0
		1	24	24.88	24.22	24.07	25.0
		12	0	23.58	23.03	22.92	24.0
		12	7	23.61	23.06	22.91	24.0
		12	13	23.65	23.06	22.86	24.0
		25	0	23.50	23.15	22.82	23.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				39700	40620	41540	Tune-up Tolerance
				2501	2593	2685	
10	QPSK	1	0	26.55	26.17	25.80	27.0
		1	25	26.60	26.08	25.70	27.0
		1	49	26.60	26.10	25.73	27.0
		25	0	25.61	25.15	24.77	26.0
		25	12	25.69	25.20	24.82	26.0
		25	25	25.62	25.14	24.81	26.0
		50	0	25.58	25.19	24.82	26.0
	16QAM	1	0	25.89	25.16	24.83	26.0
		1	25	25.91	25.10	24.78	26.0
		1	49	25.90	25.08	24.78	26.0
		25	0	24.71	24.26	23.86	25.0
		25	12	24.77	24.27	23.87	25.0
		25	25	24.79	24.27	23.87	25.0
		50	0	24.70	24.21	23.90	25.0
	64QAM	1	0	24.85	24.70	23.69	25.0
		1	25	24.92	24.58	23.66	25.0
		1	49	24.90	24.57	23.62	25.0
		25	0	23.63	23.27	22.82	24.0
		25	12	23.69	23.32	22.83	24.0
		25	25	23.68	23.24	22.84	24.0
		50	0	23.66	23.18	22.90	24.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				39725	40620	41515	Tune-up Tolerance
				2507.5	2593	2682.5	
15	QPSK	1	0	26.44	26.03	25.80	26.5
		1	37	26.58	26.06	25.72	27.0
		1	74	26.50	26.02	25.73	26.5
		36	0	25.65	25.15	24.83	26.0
		36	29	25.66	25.16	24.83	26.0
		36	30	25.72	25.19	24.83	26.0
		75	0	25.63	25.22	24.85	26.0
	16QAM	1	0	25.78	25.09	24.77	26.0
		1	37	25.89	25.04	24.72	26.0
		1	74	25.82	25.04	24.70	26.0
		36	0	24.71	24.19	23.79	25.0
		36	29	24.76	24.19	23.85	25.0
		36	30	24.72	24.20	23.84	25.0
		75	0	24.76	24.21	23.83	25.0
	64QAM	1	0	24.83	24.56	24.05	25.0
		1	37	24.81	24.46	23.99	25.0
		1	74	24.88	24.45	23.96	25.0
		36	0	23.60	23.17	22.96	24.0
		36	29	23.67	23.20	22.96	24.0
		36	30	23.70	23.20	22.91	24.0
		75	0	23.69	23.24	22.98	24.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				39750	40620	41490	Tune-up Tolerance
				2506	2593	2680	
20	QPSK	1	0	26.38	25.96	25.62	26.5
		1	49	26.34	25.91	25.52	26.5
		1	99	26.31	25.90	25.52	26.5
		50	0	25.53	25.01	24.80	26.0
		50	24	25.59	25.11	24.83	26.0
		50	50	25.58	25.14	24.84	26.0
		100	0	25.62	25.07	24.81	26.0
	16QAM	1	0	25.52	24.93	24.19	26.0
		1	49	25.55	24.91	24.13	26.0
		1	99	25.54	24.98	24.14	26.0
		50	0	24.62	24.10	23.93	25.0
		50	24	24.68	24.17	23.92	25.0
		50	50	24.74	24.15	23.96	25.0
		100	0	24.66	24.19	23.93	25.0
	64QAM	1	0	24.56	24.12	23.57	25.0
		1	49	24.58	24.12	23.47	25.0
		1	99	24.60	24.17	23.48	25.0
		50	0	23.55	23.17	23.00	24.0
		50	24	23.66	23.23	23.05	24.0
		50	50	23.66	23.17	23.04	24.0
		100	0	23.60	23.19	22.98	24.0

LTE Band41 (reduce power)

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				39675	40620	41565	Tune-up
				2498.5	2593	2687.5	Tolerance
5	QPSK	1	0	23.45	23.05	22.59	23.50
		1	12	23.50	23.09	22.55	23.50
		1	24	23.50	23.00	22.55	23.50
		12	0	22.45	22.10	21.72	22.50
		12	7	22.56	22.05	21.74	23.00
		12	13	22.59	22.03	21.71	23.00
		25	0	22.55	22.10	21.78	23.00
	16QAM	1	0	22.84	22.22	21.95	23.00
		1	12	22.86	22.15	21.92	23.00
		1	24	22.91	22.17	21.95	23.00
		12	0	21.47	21.06	20.80	21.50
		12	7	21.59	21.18	20.82	22.00
		12	13	21.62	21.13	20.77	22.00
		25	0	21.58	21.15	20.85	22.00
	64QAM	1	0	21.88	21.25	21.12	22.00
		1	12	21.82	21.26	21.08	22.00
		1	24	21.88	21.22	21.07	22.00
		12	0	20.58	20.03	19.92	21.00
		12	7	20.61	20.06	19.91	21.00
		12	13	20.65	20.06	19.86	21.00
		25	0	20.50	20.15	19.82	20.50

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				39700	40620	41540	Tune-up
				2501	2593	2685	Tolerance
10	QPSK	1	0	23.55	23.17	22.80	24.00
		1	25	23.60	23.08	22.70	24.00
		1	49	23.60	23.10	22.73	24.00
		25	0	22.61	22.15	21.77	23.00
		25	12	22.69	22.20	21.82	23.00
		25	25	22.62	22.14	21.81	23.00
		50	0	22.58	22.19	21.82	23.00
	16QAM	1	0	22.89	22.16	21.83	23.00
		1	25	22.91	22.10	21.78	23.00
		1	49	22.90	22.08	21.78	23.00

		25	0	21.71	21.26	20.86	22.00
		25	12	21.77	21.27	20.87	22.00
		25	25	21.79	21.27	20.87	22.00
		50	0	21.70	21.21	20.90	22.00
	64QAM	1	0	21.85	21.70	20.69	22.00
		1	25	21.92	21.58	20.66	22.00
		1	49	21.90	21.57	20.62	22.00
		25	0	20.63	20.27	19.82	21.00
		25	12	20.69	20.32	19.83	21.00
		25	25	20.68	20.24	19.84	21.00
		50	0	20.66	20.18	19.90	21.00

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				39725	40620	41515	Tune-up
				2507.5	2593	2682.5	Tolerance
15	QPSK	1	0	23.44	23.03	22.80	23.50
		1	37	23.58	23.06	22.72	24.00
		1	74	23.50	23.02	22.73	23.50
		36	0	22.65	22.15	21.83	23.00
		36	29	22.66	22.16	21.83	23.00
		36	30	22.72	22.19	21.83	23.00
		75	0	22.63	22.22	21.85	23.00
	16QAM	1	0	22.78	22.09	21.77	23.00
		1	37	22.89	22.04	21.72	23.00
		1	74	22.82	22.04	21.70	23.00
		36	0	21.71	21.19	20.79	22.00
		36	29	21.76	21.19	20.85	22.00
		36	30	21.72	21.20	20.84	22.00
		75	0	21.76	21.21	20.83	22.00
	64QAM	1	0	21.83	21.56	21.05	22.00
		1	37	21.81	21.46	20.99	22.00
		1	74	21.88	21.45	20.96	22.00
		36	0	20.60	20.17	19.96	21.00
		36	29	20.67	20.20	19.96	21.00
		36	30	20.70	20.20	19.91	21.00
		75	0	20.69	20.24	19.98	21.00

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				39750	40620	41490	Tune-up
				2506	2593	2680	Tolerance
20	QPSK	1	0	23.38	22.96	22.62	23.50



		1	49	23.34	22.91	22.52	23.50
		1	99	23.31	22.90	22.52	23.50
		50	0	22.53	22.01	21.80	23.00
		50	24	22.59	22.11	21.83	23.00
		50	50	22.58	22.14	21.84	23.00
		100	0	22.62	22.07	21.81	23.00
	16QAM	1	0	22.52	21.93	21.19	23.00
		1	49	22.55	21.91	21.13	23.00
		1	99	22.54	21.98	21.14	23.00
		50	0	21.62	21.10	20.93	22.00
		50	24	21.68	21.17	20.92	22.00
		50	50	21.74	21.15	20.96	22.00
	64QAM	100	0	21.66	21.19	20.93	22.00
		1	0	21.56	21.12	20.57	22.00
		1	49	21.58	21.12	20.47	22.00
		1	99	21.60	21.17	20.48	22.00
		50	0	20.55	20.17	20.00	21.00
		50	24	20.66	20.23	20.05	21.00
		50	50	20.66	20.17	20.04	21.00
	100	0	20.60	20.19	19.98	21.00	

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BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				131979	132422	132665	Tune-up
				1710.7	1755	1779.3	Tolerance
1.4	QPSK	1	0	23.47	23.60	24.05	24.5
		1	3	23.51	23.55	23.96	24.0
		1	5	23.55	23.54	23.93	24.0
		3	0	23.61	23.66	23.75	24.0
		3	1	23.67	23.72	23.70	24.0
		3	3	23.64	23.59	23.80	24.0
		6	0	22.58	22.63	22.69	23.0
	16QAM	1	0	22.56	22.62	22.72	23.0
		1	3	22.59	22.69	22.78	23.0
		1	5	22.58	22.63	22.76	23.0
		3	0	22.64	22.87	22.82	23.0
		3	1	22.66	22.93	22.72	23.0
		3	3	22.60	22.97	22.86	23.0
		6	0	21.59	21.71	21.62	22.0
	64QAM	1	0	21.53	21.59	21.62	22.0
		1	3	21.47	21.67	21.67	22.0
		1	5	21.51	21.68	21.61	22.0
		3	0	21.53	21.66	21.63	22.0
		3	1	21.49	21.69	21.67	22.0
		3	3	21.48	21.65	21.62	22.0
		6	0	21.56	21.66	21.69	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				131987	132422	132657	Tune-up Tolerance
				1711.5	1755	1778.5	
3	QPSK	1	0	23.98	24.04	24.16	24.5
		1	8	23.91	23.96	24.18	24.5
		1	14	23.54	24.08	24.16	24.5
		8	0	22.69	22.64	23.28	23.5
		8	4	22.62	22.67	23.19	23.5
		8	7	22.56	22.77	23.20	23.5
		15	0	22.53	22.65	22.85	23.0
	16QAM	1	0	22.67	22.78	22.88	23.0
		1	8	22.63	22.76	22.93	23.0
		1	14	22.73	22.74	22.79	23.0
		8	0	21.62	21.66	21.80	22.0
		8	4	21.58	21.67	21.77	22.0
		8	7	21.61	21.56	21.77	22.0
		15	0	21.54	21.58	21.80	22.0
	64QAM	1	0	21.56	21.60	21.81	22.0
		1	8	21.63	21.61	21.81	22.0
		1	14	21.59	21.58	21.75	22.0
		8	0	21.63	21.63	21.80	22.0
		8	4	21.61	21.61	21.84	22.0
		8	7	21.66	21.62	21.80	22.0
		15	0	21.64	21.59	21.79	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				131997	132422	132647	Tune-up Tolerance
				1712.5	1755	1777.5	
5	QPSK	1	0	23.91	23.95	24.00	24.0
		1	12	23.98	23.98	24.00	24.0
		1	24	23.98	23.95	24.07	24.5
		12	0	22.70	23.10	23.21	23.5
		12	7	22.75	23.09	23.18	23.5
		12	13	22.84	23.11	23.16	23.5
		25	0	22.70	22.74	23.19	23.5
	16QAM	1	0	22.55	22.85	22.88	23.0
		1	12	22.55	22.78	23.02	23.5
		1	24	22.53	22.84	22.71	23.0
		12	0	21.47	21.65	21.98	22.0
		12	7	21.44	21.58	21.73	22.0
		12	13	21.54	21.59	21.59	22.0
		25	0	21.61	21.59	21.67	22.0
	64QAM	1	0	21.59	21.56	21.75	22.0
		1	12	21.60	21.63	21.69	22.0
		1	24	21.59	21.65	21.69	22.0
		12	0	21.64	21.63	21.71	22.0
		12	7	21.58	21.64	21.74	22.0
		12	13	21.58	21.61	21.71	22.0
		25	0	21.56	21.62	21.70	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				132022	132422	132622	Tune-up Tolerance
				1715	1755	1775	
10	QPSK	1	0	24.01	24.09	24.12	24.5
		1	25	24.05	24.07	24.09	24.5
		1	49	24.09	24.05	24.16	24.5
		25	0	23.10	23.11	23.16	23.5
		25	12	23.16	23.15	23.14	23.5
		25	25	22.65	23.10	23.14	23.5
		50	0	23.13	22.77	23.16	23.5
	16QAM	1	0	22.82	22.80	22.78	23.0
		1	25	22.69	22.77	22.73	23.0
		1	49	22.75	22.76	22.77	23.0
		25	0	21.60	21.65	21.96	22.0
		25	12	21.59	21.62	21.75	22.0
		25	25	21.63	21.61	21.72	22.0
		50	0	21.55	21.69	21.69	22.0
	64QAM	1	0	21.62	21.66	21.71	22.0
		1	25	21.60	21.69	22.06	22.5
		1	49	21.60	21.66	21.74	22.0
		25	0	21.62	21.68	21.71	22.0
		25	12	21.54	21.62	21.77	22.0
		25	25	21.61	21.67	21.72	22.0
		50	0	21.54	21.64	21.71	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				132047	132422	132597	Tune-up Tolerance
				1717.5	1755	1772.5	
15	QPSK	1	0	24.02	24.02	24.07	24.5
		1	37	24.09	24.04	24.08	24.5
		1	74	24.03	24.09	24.06	24.5
		36	0	23.19	23.23	23.28	23.5
		36	29	23.25	23.19	23.24	23.5
		36	30	23.26	22.88	23.23	23.5
		75	0	23.23	23.20	23.23	23.5
	16QAM	1	0	23.31	22.77	23.09	23.5
		1	37	23.12	22.69	23.13	23.5
		1	74	23.08	22.82	23.03	23.5
		36	0	21.63	21.69	21.68	22.0
		36	29	21.67	21.70	21.74	22.0
		36	30	21.67	21.64	21.68	22.0
		75	0	21.66	21.76	21.73	22.0
	64QAM	1	0	21.72	21.73	21.70	22.0
		1	37	21.60	21.71	21.73	22.0
		1	74	21.60	21.78	21.68	22.0
		36	0	21.60	21.70	21.65	22.0
		36	29	21.59	21.77	21.72	22.0
		36	30	21.70	21.69	21.67	22.0
		75	0	21.69	21.69	21.78	22.0

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				132072	132422	132572	Tune-up Tolerance
				1720	1755	1770	
20	QPSK	1	0	23.73	23.95	23.82	24.0
		1	49	23.38	23.91	23.83	24.0
		1	99	23.43	23.69	23.77	24.0
		50	0	22.82	23.20	23.20	23.5
		50	24	23.00	23.13	23.19	23.5
		50	50	22.62	23.01	23.04	23.5
		100	0	22.67	22.73	23.14	23.5
	16QAM	1	0	22.90	22.70	23.03	23.5
		1	49	23.00	22.65	22.90	23.0
		1	99	23.06	22.66	22.97	23.5
		50	0	21.66	21.69	21.73	22.0
		50	24	21.63	21.58	21.69	22.0
		50	50	21.62	21.58	21.65	22.0
		100	0	21.62	21.71	21.76	22.0
	64QAM	1	0	21.61	21.68	21.77	22.0
		1	49	21.64	21.73	21.73	22.0
		1	99	21.64	21.74	21.70	22.0
		50	0	21.68	21.71	21.75	22.0
		50	24	21.70	21.74	21.71	22.0
		50	50	21.64	21.67	21.73	22.0
		100	0	21.67	21.76	21.71	22.0

**LTE Band71**

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				133147	133297	133447	Tune-up
				665.5	680.5	695.5	Tolerance
5	QPSK	1	0	24.06	23.99	24.03	24.5
		1	12	24.08	24.02	24.01	24.5
		1	24	24.11	24.01	24.03	24.5
		12	0	23.07	23.05	23.10	23.5
		12	7	23.24	23.11	23.02	23.5
		12	13	23.25	23.10	22.99	23.5
		25	0	23.20	23.08	23.11	23.5
	16QAM	1	0	22.65	23.09	23.14	23.5
		1	12	22.62	23.12	23.10	23.5
		1	24	22.70	23.15	23.09	23.5
		12	0	21.45	21.98	22.15	22.5
		12	7	21.66	22.10	22.03	22.5
		12	13	21.91	22.02	22.03	22.5
		25	0	21.67	22.19	22.19	22.5
	64QAM	1	0	21.59	22.15	22.21	22.5
		1	12	21.65	22.09	22.16	22.5
		1	24	21.62	22.17	22.16	22.5
		12	0	21.62	22.15	22.18	22.5
		12	7	21.64	22.13	22.15	22.5
		12	13	21.61	22.14	22.18	22.5
		25	0	21.67	22.13	22.13	22.5



BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				133172	133297	133422	Tune-up Tolerance
				668	680.5	693	
10	QPSK	1	0	24.15	24.15	24.13	24.5
		1	25	24.12	24.14	24.13	24.5
		1	49	24.09	24.06	24.10	24.5
		25	0	23.11	23.17	23.23	23.5
		25	12	23.24	23.13	23.07	23.5
		25	25	23.19	23.17	23.05	23.5
		50	0	23.24	23.16	23.14	23.5
	16QAM	1	0	23.33	23.16	23.28	23.5
		1	25	23.14	23.19	23.13	23.5
		1	49	23.17	23.26	23.24	23.5
		25	0	22.14	22.22	22.35	22.5
		25	12	22.32	22.30	22.19	22.5
		25	25	22.32	22.24	22.21	22.5
		50	0	22.21	22.23	22.25	22.5
	64QAM	1	0	22.19	22.25	22.20	22.5
		1	25	22.21	22.17	22.24	22.5
		1	49	22.25	22.16	22.18	22.5
		25	0	22.23	22.27	22.17	22.5
		25	12	22.25	22.14	22.22	22.5
		25	25	22.23	22.16	22.20	22.5
		50	0	22.24	22.25	22.17	22.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				133197	133297	133397	Tune-up Tolerance
				670.5	680.5	690.5	
15	QPSK	1	0	24.21	24.09	24.12	24.5
		1	37	24.04	24.09	24.03	24.5
		1	74	24.05	24.11	24.05	24.5
		36	0	23.25	23.13	23.28	23.5
		36	29	23.20	23.14	23.26	23.5
		36	30	23.22	23.15	23.15	23.5
		75	0	23.19	23.19	23.20	23.5
	16QAM	1	0	23.63	23.56	23.54	24.0
		1	37	23.53	23.56	23.50	24.0
		1	74	23.50	23.55	23.54	24.0
		36	0	22.14	22.11	22.21	22.5
		36	29	22.24	22.20	22.21	22.5
		36	30	22.23	22.17	22.16	22.5
		75	0	22.20	22.19	22.20	22.5
	64QAM	1	0	22.19	22.16	22.24	22.5
		1	37	22.19	22.16	22.20	22.5
		1	74	22.26	22.17	22.21	22.5
		36	0	22.18	22.20	22.18	22.5
		36	29	22.16	22.11	22.22	22.5
		36	30	22.17	22.15	22.22	22.5
		75	0	22.22	22.12	22.21	22.5

BW	Modulation	RB Size	RB Offset	Conducted power(dBm)			
				133222	133322	133372	Tune-up Tolerance
				673	683	688	
20	QPSK	1	0	24.00	23.84	23.86	24.0
		1	49	23.87	23.84	23.85	24.0
		1	99	23.92	23.78	23.76	24.0
		50	0	23.21	23.09	23.15	23.5
		50	24	23.25	23.18	23.14	23.5
		50	50	23.23	23.21	23.12	23.5
		100	0	23.13	23.14	23.14	23.5
	16QAM	1	0	23.60	23.44	23.46	24.0
		1	49	23.41	23.45	23.38	23.5
		1	99	23.46	23.35	23.45	23.5
		50	0	22.18	22.09	22.19	22.5
		50	24	22.22	22.14	22.15	22.5
		50	50	22.27	22.20	22.22	22.5
		100	0	22.20	22.13	22.17	22.5
	64QAM	1	0	22.16	22.17	22.11	22.5
		1	49	22.22	22.19	22.12	22.5
		1	99	22.19	22.16	22.18	22.5
		50	0	22.15	22.17	22.15	22.5
		50	24	22.22	22.17	22.18	22.5
		50	50	22.17	22.17	22.21	22.5
		100	0	22.23	22.15	22.18	22.5

**WIFI 2.4G****Conducted power**

Mode	Tones/ RU Index	Freq(MHz)	Chain	Average power output (dBm)	Tune-up Tolerance
802.11b	NA	2412MHz	Chain0	15.50	16.0
	NA	2437MHz	Chain0	16.00	
	NA	2462MHz	Chain0	15.80	
802.11g	NA	2412MHz	Chain0	12.30	13.0
	NA	2437MHz	Chain0	12.80	
	NA	2462MHz	Chain0	12.60	
802.11n20M	NA	2412MHz	Chain0	10.30	11.0
	NA	2437MHz	Chain0	10.70	
	NA	2462MHz	Chain0	10.50	

**BT**

Modulation type	Conducted Average Power(dBm)			Tune-up Tolerance
	2402MHz	2441MHz	2480MHz	
GFSK	8.14	8.29	8.83	9.0
$\pi$ 4DQPSK	4.97	4.97	5.86	6.0
8DPSK	4.99	4.41	5.90	6.0

**BLE**

Modulation type	Conducted Average Power(dBm)			Tune-up Tolerance
	2402MHz	2440MHz	2480MHz	
GFSK (LE 1Mbps)	5.07	6.02	5.63	6.5