

APPENDIX F: Tune-up Limit & Power

Receiver detection mechanism specification:

This device support the receiver detection mechanism, the main purpose is to minimize triggering associated with power reduction scenarios by receiver detection mechanisms and provide enhanced user experience. It uses the receiver to indicate whether the user is making a call in head scenario or not. The selection between head and body power levels is based on the receiver detection mechanism. It can determine proximity to head or body and set the relevant power level for 2G&3G&4G and Wi-Fi antennas accordingly.

SAR test Plan:

For Head SAR test, SAR is evaluated with receiver on mode.

For Body SAR test, SAR is evaluated with receiver off mode.

DSI 1:Head Standalone

DSI 2:Head Simultaneous

DSI 4:Body Standalone

DSI 5:Body/Limb Simultaneous/Hotspot

Power Reduce Level 1(WIFI 2.4G/5G):Head Standalone &Head Simultaneous (WIFI 2.4G/5G)

Power Reduce Level 2(WIFI 2.4G/5G):Body Standalone &Body Simultaneous (WIFI 2.4G/5G)

Tune-up :

	GSM 850(ANT1)					GSM 850(ANT0)				
Mode	Full Power Mode dBm (+/- 1dB)DSI0	Reduced Power Mode dBm (+/- 1dB) DSI1	Reduced Power Mode dBm (+/- 1dB) DSI2	Reduced Power Mode dBm (+/- 1dB) DSI4	Reduced Power Mode dBm (+/- 1dB) DSI5	Full Power Mode dBm (+/- 1dB)DSI0	Reduced Power Mode dBm (+/- 1dB)DSI1	Reduced Power Mode dBm (+/- 1dB) DSI2	Reduced Power Mode dBm (+/- 1dB)DSI4	Reduced Power Mode dBm (+/- 1dB)DSI5
GSM (GMSK, 1 Tx slot)	32.5	28.5	27.5	32.5	32.5	32.5	31.5	32.5	32.5	32.5
GPRS/EDGE (GMSK, 1 Tx slot)	32.5	28.5	27.5	32.5	32.5	32.5	31.5	32.5	32.5	32.5
GPRS/EDGE (GMSK, 2 Tx slots)	30.5	26.5	25.5	30.5	30.5	30.5	29.5	30.5	30.5	30.5
GPRS/EDGE (GMSK, 3 Tx slots)	28.5	24.5	23.5	28.5	28.5	28.5	27.5	28.5	28.5	28.5
GPRS/EDGE (GMSK, 4 Tx slots)	27	23	22	27	27	27	26	27	27	27
EDGE (8PSK, 1 Tx slot)	27	27	27	27	27	27	27	27	27	27
EDGE (8PSK, 2 Tx slots)	25	25	25	25	25	25	25	25	25	25
EDGE (8PSK, 3 Tx slots)	23	23	23	23	23	23	23	23	23	23
EDGE (8PSK, 4 Tx slots)	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5

Mode	GSM 1900(ANT1)					GSM 1900(ANT0)				
	Full Power Mode dBm (+/- 1dB)DSI0	Reduced Power Mode dBm (+/- 1dB) DSI1	Reduced Power Mode dBm (+/- 1dB) DSI2	Reduced Power Mode dBm (+/- 1dB) DSI4	Reduced Power Mode dBm (+/- 1dB) DSI5	Full Power Mode dBm (+/- 1dB)DSI0	Reduced Power Mode dBm (+/- 1dB)DSI1	Reduced Power Mode dBm (+/- 1dB) DSI2	Reduced Power Mode dBm (+/- 1dB)DSI4	Reduced Power Mode dBm (+/- 1dB)DSI5
GSM (GMSK, 1 Tx slot)	29.5	25.5	24.5	28.5	27.5	29.5	29.5	29.5	27.5	27.5
GPRS/EDGE (GMSK, 1 Tx slot)	29.5	25.5	24.5	28.5	27.5	29.5	29.5	29.5	27.5	27.5
GPRS/EDGE (GMSK, 2 Tx slots)	27.5	23.5	22.5	26.5	25.5	27.5	27.5	27.5	25.5	25.5
GPRS/EDGE (GMSK, 3 Tx slots)	25.5	21.5	20.5	24.5	23.5	25.5	25.5	25.5	23.5	23.5
GPRS/EDGE (GMSK, 4 Tx slots)	24	20	19	23	22	24	24	24	22	22
EDGE (8PSK, 1 Tx slot)	26	26	26	26	26	26	26	26	26	26
EDGE (8PSK, 2 Tx slots)	24	24	24	24	24	24	24	24	24	24
EDGE (8PSK, 3 Tx slots)	22	22	22	22	22	22	22	22	22	22
EDGE (8PSK, 4 Tx slots)	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5

Mode	WCDMA Band II (ANT1)					WCDMA Band II (ANT0)				
	Full Power DSI0	Reduced Power DSI1	Reduced Power DSI2	Reduced Power DSI4	Reduced Power DSI5	Full Power DSI0	Reduced Power DSI1	Reduced Power DSI2	Reduced Power DSI4	Reduced Power DSI5
	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)
AMR 12.2K	23	17	16	20.5	19	23	23	23	20	19
RMC 12.2K	23	17	16	20.5	19	23	23	23	20	19
HSDPA Subtest-1	22	16	15	19.5	18	22	22	22	19	18
HSDPA Subtest-2	22	16	15	19.5	18	22	22	22	19	18
HSDPA Subtest-3	22	16	15	19.5	18	22	22	22	19	18
HSDPA Subtest-4	22	16	15	19.5	18	22	22	22	19	18
HSUPA Subtest-1	20	14	13	17.5	16	20	20	20	17	16
HSUPA Subtest-2	20	14	13	17.5	16	20	20	20	17	16
HSUPA Subtest-3	21	15	14	18.5	17	21	21	21	18	17
HSUPA Subtest-4	20	14	13	17.5	16	20	20	20	17	16
HSUPA Subtest-5	21	15	14	18.5	17	21	21	21	18	17

Mode	WCDMA Band IV (ANT1)					WCDMA Band IV (ANT0)				
	Full Power DSI0	Reduced Power DSI1	Reduced Power DSI2	Reduced Power DSI4	Reduced Power DSI5	Full Power DSI0	Reduced Power DSI1	Reduced Power DSI2	Reduced Power DSI4	Reduced Power DSI5
	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)
AMR 12.2K	23	17	16	20.5	19	23	23	23	19	18
RMC 12.2K	23	17	16	20.5	19	23	23	23	19	18
HSDPA Subtest-1	22	16	15	19.5	18	22	22	22	18	17
HSDPA Subtest-2	22	16	15	19.5	18	22	22	22	18	17
HSDPA Subtest-3	22	16	15	19.5	18	22	22	22	18	17
HSDPA Subtest-4	22	16	15	19.5	18	22	22	22	18	17
HSUPA Subtest-1	20	14	13	17.5	16	20	20	20	16	15
HSUPA Subtest-2	20	14	13	17.5	16	20	20	20	16	15
HSUPA Subtest-3	21	15	14	18.5	17	21	21	21	17	16
HSUPA Subtest-4	20	14	13	17.5	16	20	20	20	16	15
HSUPA Subtest-5	21	15	14	18.5	17	21	21	21	17	16

Mode	WCDMA Band V (ANT1)					WCDMA Band V (ANT0)				
	Full Power DSI0	Reduced Power DSI1	Reduced Power DSI2	Reduced Power DSI4	Reduced Power DSI5	Full Power DSI0	Reduced Power DSI1	Reduced Power DSI2	Reduced Power DSI4	Reduced Power DSI5
	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)	Mode (+/- 1dB)
AMR 12.2K	23	20	19	23	23	23	23	23	23	23
RMC 12.2K	23	20	19	23	23	23	23	23	23	23
HSDPA Subtest-1	22	19	18	22	22	22	22	22	22	22
HSDPA Subtest-2	22	19	18	22	22	22	22	22	22	22
HSDPA Subtest-3	22	19	18	22	22	22	22	22	22	22
HSDPA Subtest-4	22	19	18	22	22	22	22	22	22	22
HSUPA Subtest-1	21	18	17	21	21	21	21	21	21	21
HSUPA Subtest-2	20	17	16	20	20	20	20	20	20	20
HSUPA Subtest-3	21	18	17	21	21	21	21	21	21	21
HSUPA Subtest-4	20	17	16	20	20	20	20	20	20	20
HSUPA Subtest-5	21	18	17	21	21	21	21	21	21	21

LTE Band 2 (ANT1)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DS10	Reduced Power mode (MPR)	Reduced Power mode DS11 (+/-1dB)	Reduced Power mode DS12 (+/-1dB)	Reduced Power mode DS14 (+/-1dB)	Reduced Power mode DS15 (+/-1dB)
QPSK	20	≤ 18	0	23	0	17	16	20.5	19
QPSK	20	> 18	1	22	1	16	15	19.5	18
16QAM	20	≤ 18	1	22	1	16	15	19.5	18
16QAM	20	> 18	2	21	2	15	14	18.5	17
64QAM	20	≤ 18	2	21	2	15	14	18.5	17
64QAM	20	> 18	3	20	3	14	13	17.5	16
QPSK	15	≤ 16	0	23	0	17	16	20.5	19
QPSK	15	> 16	1	22	1	16	15	19.5	18
16QAM	15	≤ 16	1	22	1	16	15	19.5	18
16QAM	15	> 16	2	21	2	15	14	18.5	17
64QAM	15	≤ 16	2	21	2	15	14	18.5	17
64QAM	15	> 16	3	20	3	14	13	17.5	16
QPSK	10	≤ 12	0	23	0	17	16	20.5	19
QPSK	10	> 12	1	22	1	16	15	19.5	18
16QAM	10	≤ 12	1	22	1	16	15	19.5	18
16QAM	10	> 12	2	21	2	15	14	18.5	17
64QAM	10	≤ 12	2	21	2	15	14	18.5	17
64QAM	10	> 12	3	20	3	14	13	17.5	16
QPSK	5	≤ 8	0	23	0	17	16	20.5	19
QPSK	5	> 8	1	22	1	16	15	19.5	18
16QAM	5	≤ 8	1	22	1	16	15	19.5	18
16QAM	5	> 8	2	21	2	15	14	18.5	17
64QAM	5	≤ 8	2	21	2	15	14	18.5	17
64QAM	5	> 8	3	20	3	14	13	17.5	16

LTE Band 2 (ANT0)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 18	0	23	0	23	23	20	19
QPSK	20	> 18	1	22	1	22	22	19	18
16QAM	20	≤ 18	1	22	1	22	22	19	18
16QAM	20	> 18	2	21	2	21	21	18	17
64QAM	20	≤ 18	2	21	2	21	21	18	17
64QAM	20	> 18	3	20	3	20	20	17	16
QPSK	15	≤ 16	0	23	0	23	23	20	19
QPSK	15	> 16	1	22	1	22	22	19	18
16QAM	15	≤ 16	1	22	1	22	22	19	18
16QAM	15	> 16	2	21	2	21	21	18	17
64QAM	15	≤ 16	2	21	2	21	21	18	17
64QAM	15	> 16	3	20	3	20	20	17	16
QPSK	10	≤ 12	0	23	0	23	23	20	19
QPSK	10	> 12	1	22	1	22	22	19	18
16QAM	10	≤ 12	1	22	1	22	22	19	18
16QAM	10	> 12	2	21	2	21	21	18	17
64QAM	10	≤ 12	2	21	2	21	21	18	17
64QAM	10	> 12	3	20	3	20	20	17	16
QPSK	5	≤ 8	0	23	0	23	23	20	19
QPSK	5	> 8	1	22	1	22	22	19	18
16QAM	5	≤ 8	1	22	1	22	22	19	18
16QAM	5	> 8	2	21	2	21	21	18	17
64QAM	5	≤ 8	2	21	2	21	21	18	17
64QAM	5	> 8	3	20	3	20	20	17	16

LTE Band 4 (ANT1)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 18	0	23	0	18	17	20.5	19
QPSK	20	> 18	1	22	1	17	16	19.5	18
16QAM	20	≤ 18	1	22	1	17	16	19.5	18
16QAM	20	> 18	2	21	2	16	15	18.5	17
64QAM	20	≤ 18	2	21	2	16	15	18.5	17
64QAM	20	> 18	3	20	3	15	14	17.5	16
QPSK	15	≤ 16	0	23	0	18	17	20.5	19
QPSK	15	> 16	1	22	1	17	16	19.5	18
16QAM	15	≤ 16	1	22	1	17	16	19.5	18
16QAM	15	> 16	2	21	2	16	15	18.5	17
64QAM	15	≤ 16	2	21	2	16	15	18.5	17
64QAM	15	> 16	3	20	3	15	14	17.5	16
QPSK	10	≤ 12	0	23	0	18	17	20.5	19
QPSK	10	> 12	1	22	1	17	16	19.5	18
16QAM	10	≤ 12	1	22	1	17	16	19.5	18
16QAM	10	> 12	2	21	2	16	15	18.5	17
64QAM	10	≤ 12	2	21	2	16	15	18.5	17
64QAM	10	> 12	3	20	3	15	14	17.5	16
QPSK	5	≤ 8	0	23	0	18	17	20.5	19
QPSK	5	> 8	1	22	1	17	16	19.5	18
16QAM	5	≤ 8	1	22	1	17	16	19.5	18
16QAM	5	> 8	2	21	2	16	15	18.5	17
64QAM	5	≤ 8	2	21	2	16	15	18.5	17
64QAM	5	> 8	3	20	3	15	14	17.5	16

LTE Band 4 (ANT0)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 18	0	23	0	23	23	19	18
QPSK	20	> 18	1	22	1	22	22	18	17
16QAM	20	≤ 18	1	22	1	22	22	18	17
16QAM	20	> 18	2	21	2	21	21	17	16
64QAM	20	≤ 18	2	21	2	21	21	17	16
64QAM	20	> 18	3	20	3	20	20	16	15
QPSK	15	≤ 16	0	23	0	23	23	19	18
QPSK	15	> 16	1	22	1	22	22	18	17
16QAM	15	≤ 16	1	22	1	22	22	18	17
16QAM	15	> 16	2	21	2	21	21	17	16
64QAM	15	≤ 16	2	21	2	21	21	17	16
64QAM	15	> 16	3	20	3	20	20	16	15
QPSK	10	≤ 12	0	23	0	23	23	19	18
QPSK	10	> 12	1	22	1	22	22	18	17
16QAM	10	≤ 12	1	22	1	22	22	18	17
16QAM	10	> 12	2	21	2	21	21	17	16
64QAM	10	≤ 12	2	21	2	21	21	17	16
64QAM	10	> 12	3	20	3	20	20	16	15
QPSK	5	≤ 8	0	23	0	23	23	19	18
QPSK	5	> 8	1	22	1	22	22	18	17
16QAM	5	≤ 8	1	22	1	22	22	18	17
16QAM	5	> 8	2	21	2	21	21	17	16
64QAM	5	≤ 8	2	21	2	21	21	17	16
64QAM	5	> 8	3	20	3	20	20	16	15

LTE Band 5 (ANT1)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	10	≤ 12	0	23	0	20	19	23	23
QPSK	10	> 12	1	22	1	19	18	22	22
16QAM	10	≤ 12	1	22	1	19	18	22	22
16QAM	10	> 12	2	21	2	18	17	21	21
64QAM	10	≤ 12	2	21	2	18	17	21	21
64QAM	10	> 12	3	20	3	17	16	20	20
QPSK	5	≤ 8	0	23	0	20	19	23	23
QPSK	5	> 8	1	22	1	19	18	22	22
16QAM	5	≤ 8	1	22	1	19	18	22	22
16QAM	5	> 8	2	21	2	18	17	21	21
64QAM	5	≤ 8	2	21	2	18	17	21	21
64QAM	5	> 8	3	20	3	17	16	20	20
QPSK	3	≤ 6	0	23	0	20	19	23	23
QPSK	3	> 6	1	22	1	19	18	22	22
16QAM	3	≤ 6	1	22	1	19	18	22	22
16QAM	3	> 6	2	21	2	18	17	21	21
64QAM	3	≤ 6	2	21	2	18	17	21	21
64QAM	3	> 6	3	20	3	17	16	20	20
QPSK	1.4	≤ 6	0	23	0	20	19	23	23
QPSK	1.4	> 6	1	22	1	19	18	22	22
16QAM	1.4	≤ 6	1	22	1	19	18	22	22
16QAM	1.4	> 6	2	21	2	18	17	21	21
64QAM	1.4	≤ 6	2	21	2	18	17	21	21
64QAM	1.4	> 6	3	20	3	17	16	20	20

LTE Band 5 (ANT0)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	10	≤ 12	0	23	0	23	23	23	23
QPSK	10	> 12	1	22	1	22	22	22	22
16QAM	10	≤ 12	1	22	1	22	22	22	22
16QAM	10	> 12	2	21	2	21	21	21	21
64QAM	10	≤ 12	2	21	2	21	21	21	21
64QAM	10	> 12	3	20	3	20	20	20	20
QPSK	5	≤ 8	0	23	0	23	23	23	23
QPSK	5	> 8	1	22	1	22	22	22	22
16QAM	5	≤ 8	1	22	1	22	22	22	22
16QAM	5	> 8	2	21	2	21	21	21	21
64QAM	5	≤ 8	2	21	2	21	21	21	21
64QAM	5	> 8	3	20	3	20	20	20	20
QPSK	3	≤ 6	0	23	0	23	23	23	23
QPSK	3	> 6	1	22	1	22	22	22	22
16QAM	3	≤ 6	1	22	1	22	22	22	22
16QAM	3	> 6	2	21	2	21	21	21	21
64QAM	3	≤ 6	2	21	2	21	21	21	21
64QAM	3	> 6	3	20	3	20	20	20	20
QPSK	1.4	≤ 6	0	23	0	23	23	23	23
QPSK	1.4	> 6	1	22	1	22	22	22	22
16QAM	1.4	≤ 6	1	22	1	22	22	22	22
16QAM	1.4	> 6	2	21	2	21	21	21	21
64QAM	1.4	≤ 6	2	21	2	21	21	21	21
64QAM	1.4	> 6	3	20	3	20	20	20	20

LTE Band 7 (ANT1)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 12	0	23	0	16	15.5	18	15
QPSK	20	> 12	1	22	1	15	14.5	17	14
16QAM	20	≤ 12	1	22	1	15	14.5	17	14
16QAM	20	> 12	2	21	2	14	13.5	16	13
64QAM	20	≤ 12	2	21	2	14	13.5	16	13
64QAM	20	> 12	3	20	3	13	12.5	15	12
QPSK	15	≤ 8	0	23	0	16	15.5	18	15
QPSK	15	> 8	1	22	1	15	14.5	17	14
16QAM	15	≤ 8	1	22	1	15	14.5	17	14
16QAM	15	> 8	2	21	2	14	13.5	16	13
64QAM	15	≤ 8	2	21	2	14	13.5	16	13
64QAM	15	> 8	3	20	3	13	12.5	15	12
QPSK	10	≤ 6	0	23	0	16	15.5	18	15
QPSK	10	> 6	1	22	1	15	14.5	17	14
16QAM	10	≤ 6	1	22	1	15	14.5	17	14
16QAM	10	> 6	2	21	2	14	13.5	16	13
64QAM	10	≤ 6	2	21	2	14	13.5	16	13
64QAM	10	> 6	3	20	3	13	12.5	15	12
QPSK	5	≤ 6	0	23	0	16	15.5	18	15
QPSK	5	> 6	1	22	1	15	14.5	17	14
16QAM	5	≤ 6	1	22	1	15	14.5	17	14
16QAM	5	> 6	2	21	2	14	13.5	16	13
64QAM	5	≤ 6	2	21	2	14	13.5	16	13
64QAM	5	> 6	3	20	3	13	12.5	15	12

LTE Band 7 (ANT0)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 12	0	23	0	23	23	21	19
QPSK	20	> 12	1	22	1	22	22	20	18
16QAM	20	≤ 12	1	22	1	22	22	20	18
16QAM	20	> 12	2	21	2	21	21	19	17
64QAM	20	≤ 12	2	21	2	21	21	19	17
64QAM	20	> 12	3	20	3	20	20	18	16
QPSK	15	≤ 8	0	23	0	23	23	21	19
QPSK	15	> 8	1	22	1	22	22	20	18
16QAM	15	≤ 8	1	22	1	22	22	20	18
16QAM	15	> 8	2	21	2	21	21	19	17
64QAM	15	≤ 8	2	21	2	21	21	19	17
64QAM	15	> 8	3	20	3	20	20	18	16
QPSK	10	≤ 6	0	23	0	23	23	21	19
QPSK	10	> 6	1	22	1	22	22	20	18
16QAM	10	≤ 6	1	22	1	22	22	20	18
16QAM	10	> 6	2	21	2	21	21	19	17
64QAM	10	≤ 6	2	21	2	21	21	19	17
64QAM	10	> 6	3	20	3	20	20	18	16
QPSK	5	≤ 6	0	23	0	23	23	21	19
QPSK	5	> 6	1	22	1	22	22	20	18
16QAM	5	≤ 6	1	22	1	22	22	20	18
16QAM	5	> 6	2	21	2	21	21	19	17
64QAM	5	≤ 6	2	21	2	21	21	19	17
64QAM	5	> 6	3	20	3	20	20	18	16

LTE Band 13 (ANT1)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 16	0	23	0	22	22	23	23
QPSK	20	> 16	1	22	1	21	21	22	22
16QAM	20	≤ 16	1	22	1	21	21	22	22
16QAM	20	> 16	2	21	2	20	20	21	21
64QAM	20	≤ 16	2	21	2	20	20	21	21
64QAM	20	> 16	3	20	3	19	19	20	20
QPSK	15	≤ 16	0	23	0	22	22	23	23
QPSK	15	> 16	1	22	1	21	21	22	22
16QAM	15	≤ 16	1	22	1	21	21	22	22
16QAM	15	> 16	2	21	2	20	20	21	21
64QAM	15	≤ 16	2	21	2	20	20	21	21
64QAM	15	> 16	3	20	3	19	19	20	20
QPSK	10	≤ 12	0	23	0	22	22	23	23
QPSK	10	> 12	1	22	1	21	21	22	22
16QAM	10	≤ 12	1	22	1	21	21	22	22
16QAM	10	> 12	2	21	2	20	20	21	21
64QAM	10	≤ 12	2	21	2	20	20	21	21
64QAM	10	> 12	3	20	3	19	19	20	20
QPSK	5	≤ 8	0	23	0	22	22	23	23
QPSK	5	> 8	1	22	1	21	21	22	22
16QAM	5	≤ 8	1	22	1	21	21	22	22
16QAM	5	> 8	2	21	2	20	20	21	21
64QAM	5	≤ 8	2	21	2	20	20	21	21
64QAM	5	> 8	3	20	3	19	19	20	20

LTE Band 13 (ANT0)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 16	0	23	0	23	23	23	23
QPSK	20	> 16	1	22	1	22	22	22	22
16QAM	20	≤ 16	1	22	1	22	22	22	22
16QAM	20	> 16	2	21	2	21	21	21	21
64QAM	20	≤ 16	2	21	2	21	21	21	21
64QAM	20	> 16	3	20	3	20	20	20	20
QPSK	15	≤ 16	0	23	0	23	23	23	23
QPSK	15	> 16	1	22	1	22	22	22	22
16QAM	15	≤ 16	1	22	1	22	22	22	22
16QAM	15	> 16	2	21	2	21	21	21	21
64QAM	15	≤ 16	2	21	2	21	21	21	21
64QAM	15	> 16	3	20	3	20	20	20	20
QPSK	10	≤ 12	0	23	0	23	23	23	23
QPSK	10	> 12	1	22	1	22	22	22	22
16QAM	10	≤ 12	1	22	1	22	22	22	22
16QAM	10	> 12	2	21	2	21	21	21	21
64QAM	10	≤ 12	2	21	2	21	21	21	21
64QAM	10	> 12	3	20	3	20	20	20	20
QPSK	5	≤ 8	0	23	0	23	23	23	23
QPSK	5	> 8	1	22	1	22	22	22	22
16QAM	5	≤ 8	1	22	1	22	22	22	22
16QAM	5	> 8	2	21	2	21	21	21	21
64QAM	5	≤ 8	2	21	2	21	21	21	21
64QAM	5	> 8	3	20	3	20	20	20	20

LTE Band 26 (ANT1)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 16	0	23	0	21.5	20.5	23	23
QPSK	20	> 16	1	22	1	20.5	19.5	22	22
16QAM	20	≤ 16	1	22	1	20.5	19.5	22	22
16QAM	20	> 16	2	21	2	19.5	18.5	21	21
64QAM	20	≤ 16	2	21	2	19.5	18.5	21	21
64QAM	20	> 16	3	20	3	18.5	17.5	20	20
QPSK	15	≤ 16	0	23	0	21.5	20.5	23	23
QPSK	15	> 16	1	22	1	20.5	19.5	22	22
16QAM	15	≤ 16	1	22	1	20.5	19.5	22	22
16QAM	15	> 16	2	21	2	19.5	18.5	21	21
64QAM	15	≤ 16	2	21	2	19.5	18.5	21	21
64QAM	15	> 16	3	20	3	18.5	17.5	20	20
QPSK	10	≤ 12	0	23	0	21.5	20.5	23	23
QPSK	10	> 12	1	22	1	20.5	19.5	22	22
16QAM	10	≤ 12	1	22	1	20.5	19.5	22	22
16QAM	10	> 12	2	21	2	19.5	18.5	21	21
64QAM	10	≤ 12	2	21	2	19.5	18.5	21	21
64QAM	10	> 12	3	20	3	18.5	17.5	20	20
QPSK	5	≤ 8	0	23	0	21.5	20.5	23	23
QPSK	5	> 8	1	22	1	20.5	19.5	22	22
16QAM	5	≤ 8	1	22	1	20.5	19.5	22	22
16QAM	5	> 8	2	21	2	19.5	18.5	21	21
64QAM	5	≤ 8	2	21	2	19.5	18.5	21	21
64QAM	5	> 8	3	20	3	18.5	17.5	20	20
QPSK	3	≤ 8	0	23	0	21.5	20.5	23	23
QPSK	3	> 8	1	22	1	20.5	19.5	22	22
16QAM	3	≤ 8	1	22	1	20.5	19.5	22	22
16QAM	3	> 8	2	21	2	19.5	18.5	21	21
64QAM	3	≤ 8	2	21	2	19.5	18.5	21	21
64QAM	3	> 8	3	20	3	18.5	17.5	20	20

LTE Band 26 (ANT0)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 16	0	23	0	23	23	23	23
QPSK	20	> 16	1	22	1	22	22	22	22
16QAM	20	≤ 16	1	22	1	22	22	22	22
16QAM	20	> 16	2	21	2	21	21	21	21
64QAM	20	≤ 16	2	21	2	21	21	21	21
64QAM	20	> 16	3	20	3	20	20	20	20
QPSK	15	≤ 16	0	23	0	23	23	23	23
QPSK	15	> 16	1	22	1	22	22	22	22
16QAM	15	≤ 16	1	22	1	22	22	22	22
16QAM	15	> 16	2	21	2	21	21	21	21
64QAM	15	≤ 16	2	21	2	21	21	21	21
64QAM	15	> 16	3	20	3	20	20	20	20
QPSK	10	≤ 12	0	23	0	23	23	23	23
QPSK	10	> 12	1	22	1	22	22	22	22
16QAM	10	≤ 12	1	22	1	22	22	22	22
16QAM	10	> 12	2	21	2	21	21	21	21
64QAM	10	≤ 12	2	21	2	21	21	21	21
64QAM	10	> 12	3	20	3	20	20	20	20
QPSK	5	≤ 8	0	23	0	23	23	23	23
QPSK	5	> 8	1	22	1	22	22	22	22
16QAM	5	≤ 8	1	22	1	22	22	22	22
16QAM	5	> 8	2	21	2	21	21	21	21
64QAM	5	≤ 8	2	21	2	21	21	21	21
64QAM	5	> 8	3	20	3	20	20	20	20
QPSK	3	≤ 8	0	23	0	23	23	23	23
QPSK	3	> 8	1	22	1	22	22	22	22
16QAM	3	≤ 8	1	22	1	22	22	22	22
16QAM	3	> 8	2	21	2	21	21	21	21
64QAM	3	≤ 8	2	21	2	21	21	21	21
64QAM	3	> 8	3	20	3	20	20	20	20

LTE Band 38 (ANT1)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 18	0	23	0	19.5	18.5	20.5	19
QPSK	20	> 18	1	22	1	18.5	17.5	19.5	18
16QAM	20	≤ 18	1	22	1	18.5	17.5	19.5	18
16QAM	20	> 18	2	21	2	17.5	16.5	18.5	17
64QAM	20	≤ 18	2	21	2	17.5	16.5	18.5	17
64QAM	20	> 18	3	20	2	16.5	15.5	17.5	16
QPSK	15	≤ 16	0	23	0	19.5	18.5	20.5	19
QPSK	15	> 16	1	22	1	18.5	17.5	19.5	18
16QAM	15	≤ 16	1	22	1	18.5	17.5	19.5	18
16QAM	15	> 16	2	21	2	17.5	16.5	18.5	17
64QAM	15	≤ 16	2	21	2	17.5	16.5	18.5	17
64QAM	15	> 16	3	20	2	16.5	15.5	17.5	16
QPSK	10	≤ 12	0	23	0	19.5	18.5	20.5	19
QPSK	10	> 12	1	22	1	18.5	17.5	19.5	18
16QAM	10	≤ 12	1	22	1	18.5	17.5	19.5	18
16QAM	10	> 12	2	21	2	17.5	16.5	18.5	17
64QAM	10	≤ 12	2	21	2	17.5	16.5	18.5	17
64QAM	10	> 12	3	20	2	16.5	15.5	17.5	16
QPSK	5	≤ 8	0	23	0	19.5	18.5	20.5	19
QPSK	5	> 8	1	22	1	18.5	17.5	19.5	18
16QAM	5	≤ 8	1	22	1	18.5	17.5	19.5	18
16QAM	5	> 8	2	21	2	17.5	16.5	18.5	17
64QAM	5	≤ 8	2	21	2	17.5	16.5	18.5	17
64QAM	5	> 8	3	20	2	16.5	15.5	17.5	16

LTE Band 38 (ANT0)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 18	0	23	0	23	23	22	21
QPSK	20	> 18	1	22	1	22	22	21	20
16QAM	20	≤ 18	1	22	1	22	22	21	20
16QAM	20	> 18	2	21	2	21	21	20	19
64QAM	20	≤ 18	2	21	2	21	21	20	19
64QAM	20	> 18	3	20	2	20	20	19	18
QPSK	15	≤ 16	0	23	0	23	23	22	21
QPSK	15	> 16	1	22	1	22	22	21	20
16QAM	15	≤ 16	1	22	1	22	22	21	20
16QAM	15	> 16	2	21	2	21	21	20	19
64QAM	15	≤ 16	2	21	2	21	21	20	19
64QAM	15	> 16	3	20	2	20	20	19	18
QPSK	10	≤ 12	0	23	0	23	23	22	21
QPSK	10	> 12	1	22	1	22	22	21	20
16QAM	10	≤ 12	1	22	1	22	22	21	20
16QAM	10	> 12	2	21	2	21	21	20	19
64QAM	10	≤ 12	2	21	2	21	21	20	19
64QAM	10	> 12	3	20	2	20	20	19	18
QPSK	5	≤ 8	0	23	0	23	23	22	21
QPSK	5	> 8	1	22	1	22	22	21	20
16QAM	5	≤ 8	1	22	1	22	22	21	20
16QAM	5	> 8	2	21	2	21	21	20	19
64QAM	5	≤ 8	2	21	2	21	21	20	19
64QAM	5	> 8	3	20	2	20	20	19	18

LTE Band 41 (ANT1)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 18	0	23	0	19.5	18.5	20.5	19
QPSK	20	> 18	1	22	1	18.5	17.5	19.5	18
16QAM	20	≤ 18	1	22	1	18.5	17.5	19.5	18
16QAM	20	> 18	2	21	2	17.5	16.5	18.5	17
64QAM	20	≤ 18	2	21	2	17.5	16.5	18.5	17
64QAM	20	> 18	3	20	3	16.5	15.5	17.5	16
QPSK	15	≤ 16	0	23	0	19.5	18.5	20.5	19
QPSK	15	> 16	1	22	1	18.5	17.5	19.5	18
16QAM	15	≤ 16	1	22	1	18.5	17.5	19.5	18
16QAM	15	> 16	2	21	2	17.5	16.5	18.5	17
64QAM	15	≤ 16	2	21	2	17.5	16.5	18.5	17
64QAM	15	> 16	3	20	3	16.5	15.5	17.5	16
QPSK	10	≤ 12	0	23	0	19.5	18.5	20.5	19
QPSK	10	> 12	1	22	1	18.5	17.5	19.5	18
16QAM	10	≤ 12	1	22	1	18.5	17.5	19.5	18
16QAM	10	> 12	2	21	2	17.5	16.5	18.5	17
64QAM	10	≤ 12	2	21	2	17.5	16.5	18.5	17
64QAM	10	> 12	3	20	3	16.5	15.5	17.5	16
QPSK	5	≤ 8	0	23	0	19.5	18.5	20.5	19
QPSK	5	> 8	1	22	1	18.5	17.5	19.5	18
16QAM	5	≤ 8	1	22	1	18.5	17.5	19.5	18
16QAM	5	> 8	2	21	2	17.5	16.5	18.5	17
64QAM	5	≤ 8	2	21	2	17.5	16.5	18.5	17
64QAM	5	> 8	3	20	3	16.5	15.5	17.5	16

LTE Band 41 (ANT0)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 18	0	23	0	23	23	22	21
QPSK	20	> 18	1	22	1	22	22	21	20
16QAM	20	≤ 18	1	22	1	22	22	21	20
16QAM	20	> 18	2	21	2	21	21	20	19
64QAM	20	≤ 18	2	21	2	21	21	20	19
64QAM	20	> 18	3	20	3	20	20	19	18
QPSK	15	≤ 16	0	23	0	23	23	22	21
QPSK	15	> 16	1	22	1	22	22	21	20
16QAM	15	≤ 16	1	22	1	22	22	21	20
16QAM	15	> 16	2	21	2	21	21	20	19
64QAM	15	≤ 16	2	21	2	21	21	20	19
64QAM	15	> 16	3	20	3	20	20	19	18
QPSK	10	≤ 12	0	23	0	23	23	22	21
QPSK	10	> 12	1	22	1	22	22	21	20
16QAM	10	≤ 12	1	22	1	22	22	21	20
16QAM	10	> 12	2	21	2	21	21	20	19
64QAM	10	≤ 12	2	21	2	21	21	20	19
64QAM	10	> 12	3	20	3	20	20	19	18
QPSK	5	≤ 8	0	23	0	23	23	22	21
QPSK	5	> 8	1	22	1	22	22	21	20
16QAM	5	≤ 8	1	22	1	22	22	21	20
16QAM	5	> 8	2	21	2	21	21	20	19
64QAM	5	≤ 8	2	21	2	21	21	20	19
64QAM	5	> 8	3	20	3	20	20	19	18

LTE Band 66 (ANT1)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 18	0	23	0	17.5	16.5	21	20
QPSK	20	> 18	1	22	1	16.5	15.5	20	19
16QAM	20	≤ 18	1	22	1	16.5	15.5	20	19
16QAM	20	> 18	2	21	2	15.5	14.5	19	18
64QAM	20	≤ 18	2	21	2	15.5	14.5	19	18
64QAM	20	> 18	3	20	3	14.5	13.5	18	17
QPSK	15	≤ 16	0	23	0	17.5	16.5	21	20
QPSK	15	> 16	1	22	1	16.5	15.5	20	19
16QAM	15	≤ 16	1	22	1	16.5	15.5	20	19
16QAM	15	> 16	2	21	2	15.5	14.5	19	18
64QAM	15	≤ 16	2	21	2	15.5	14.5	19	18
64QAM	15	> 16	3	20	3	14.5	13.5	18	17
QPSK	10	≤ 12	0	23	0	17.5	16.5	21	20
QPSK	10	> 12	1	22	1	16.5	15.5	20	19
16QAM	10	≤ 12	1	22	1	16.5	15.5	20	19
16QAM	10	> 12	2	21	2	15.5	14.5	19	18
64QAM	10	≤ 12	2	21	2	15.5	14.5	19	18
64QAM	10	> 12	3	20	3	14.5	13.5	18	17
QPSK	5	≤ 8	0	23	0	17.5	16.5	21	20
QPSK	5	> 8	1	22	1	16.5	15.5	20	19
16QAM	5	≤ 8	1	22	1	16.5	15.5	20	19
16QAM	5	> 8	2	21	2	15.5	14.5	19	18
64QAM	5	≤ 8	2	21	2	15.5	14.5	19	18
64QAM	5	> 8	3	20	3	14.5	13.5	18	17

LTE Band 66 (ANT0)

Modulation	BW (MHz)	RB size	Full Power mode (MPR)	Full Power mode (+/-1dB)DSI0	Reduced Power mode (MPR)	Reduced Power mode DSI1 (+/-1dB)	Reduced Power mode DSI2 (+/-1dB)	Reduced Power mode DSI4 (+/-1dB)	Reduced Power mode DSI5 (+/-1dB)
QPSK	20	≤ 18	0	23	0	23	23	19	18
QPSK	20	> 18	1	22	1	22	22	18	17
16QAM	20	≤ 18	1	22	1	22	22	18	17
16QAM	20	> 18	2	21	2	21	21	17	16
64QAM	20	≤ 18	2	21	2	21	21	17	16
64QAM	20	> 18	3	20	3	20	20	16	15
QPSK	15	≤ 16	0	23	0	23	23	19	18
QPSK	15	> 16	1	22	1	22	22	18	17
16QAM	15	≤ 16	1	22	1	22	22	18	17
16QAM	15	> 16	2	21	2	21	21	17	16
64QAM	15	≤ 16	2	21	2	21	21	17	16
64QAM	15	> 16	3	20	3	20	20	16	15
QPSK	10	≤ 12	0	23	0	23	23	19	18
QPSK	10	> 12	1	22	1	22	22	18	17
16QAM	10	≤ 12	1	22	1	22	22	18	17
16QAM	10	> 12	2	21	2	21	21	17	16
64QAM	10	≤ 12	2	21	2	21	21	17	16
64QAM	10	> 12	3	20	3	20	20	16	15
QPSK	5	≤ 8	0	23	0	23	23	19	18
QPSK	5	> 8	1	22	1	22	22	18	17
16QAM	5	≤ 8	1	22	1	22	22	18	17
16QAM	5	> 8	2	21	2	21	21	17	16
64QAM	5	≤ 8	2	21	2	21	21	17	16
64QAM	5	> 8	3	20	3	20	20	16	15

Mode	Band	Antenna	Power setting level(dBm)	Power Reduce Level 1	Power Reduce Level 2	Tolerance (± dB)
2.4G	802.11b CH1-13	Ant.2	18.0	18.0	16.0	2.0
	802.11g CH1-13	Ant.2	18.0	18.0	16.0	2.0
	802.11nHT20 CH1-13	Ant.2	16.0	16.0	14.0	2.0
5G B1 (5.15-5.25GHz)	802.11a CH36-48	Ant.2	17.0	14.0	15.0	2.0
	802.11nHT20 CH36-48	Ant.2	16.0	14.0	15.0	2.0
	802.11nHT40 CH38-46	Ant.2	14.5	14.0	14.5	2.0
	802.11acVHT20 CH36-48	Ant.2	15.5	14.0	15.0	2.0
	802.11acVHT40 CH38-46	Ant.2	14.0	14.0	14.0	2.0
	802.11acVHT80 CH42	Ant.2	13.0	13.0	13.0	2.0
5G B2 (5.25-5.35GHz)	802.11a CH52-64	Ant.2	17.0	13.0	15.0	2.0
	802.11nHT20 CH52-64	Ant.2	16.0	13.0	15.0	2.0
	802.11nHT40 CH54-62	Ant.2	14.5	13.0	14.5	2.0
	802.11acVHT20 CH52-64	Ant.2	15.5	13.0	15.0	2.0
	802.11acVHT40 CH54-62	Ant.2	14.0	13.0	14.0	2.0
	802.11acVHT80 CH58	Ant.2	13.0	13.0	13.0	2.0
5G B3(5.47-5.725GHz)	802.11a CH100-140	Ant.2	17.0	14.0	15.0	2.0
	802.11nHT20 CH100-140	Ant.2	16.0	14.0	15.0	2.0

	802.11nHT40 CH102-134	Ant.2	14.5	14.0	14.5	2.0
	802.11acVHT20 CH100-140	Ant.2	15.5	14.0	15.0	2.0
	802.11acVHT40 CH102-134	Ant.2	14.0	14.0	14.0	2.0
	802.11acVHT80 CH106-122	Ant.2	13.0	13.0	13.0	2.0
5G B4(5.725- 5.85GHz)	802.11a CH149-165	Ant.2	15.0	15.0	15.0	2.0
	802.11nHT20 CH149-165	Ant.2	15.0	15.0	15.0	2.0
	802.11nHT40 CH151-159	Ant.2	14.5	14.5	14.5	2.0
	802.11acVHT20 CH149-165	Ant.2	15.0	15.0	15.0	2.0
	802.11acVHT40 CH151-159	Ant.2	14.0	14.0	14.0	2.0
	802.11acVHT80 CH155	Ant.2	13.0	13.0	13.0	2.0
BT	DH5 CH0-78	Ant.2	/	9.0	9.0	2.0
	2DH5 CH0-78	Ant.2	/	7.0	7.0	2.0
	3DH5 CH0-78	Ant.2	/	7.0	7.0	2.0
	LE CH0-39 1M	Ant.2	/	6.0	6.0	2.0
	LE CH0-39 2M	Ant.2	/	6.0	6.0	2.0

Power:

ANT1:

Full Power

Band: GSM850	<u>Burst Average Power (dBm)</u>			<u>Frame Average Power (dBm)</u>		
<u>Channel</u>	128	190	251	128	190	251
<u>GSM (CS)</u>	32.57	32.64	32.57	23.57	23.64	23.57
<u>GPRS/EDGE (GMSK, 1 Tx slot)</u>	32.62	32.62	32.54	23.62	23.62	23.54
<u>GPRS/EDGE (GMSK, 2 Tx slots)</u>	30.53	30.55	30.52	24.53	24.55	24.52
<u>GPRS/EDGE (GMSK, 3 Tx slots)</u>	28.69	28.74	28.69	24.43	24.48	24.43
<u>GPRS/EDGE (GMSK, 4 Tx slots)</u>	27.29	27.38	27.28	24.29	24.38	24.28
<u>EDGE (8PSK, 1 Tx slot)</u>	27.24	27.54	27.46	18.24	18.54	18.46
<u>EDGE (8PSK, 2 Tx slots)</u>	25.22	25.35	25.48	19.22	19.35	19.48
<u>EDGE (8PSK, 3 Tx slots)</u>	23.26	23.22	23.45	19.00	18.96	19.19
<u>EDGE (8PSK, 4 Tx slots)</u>	21.69	21.60	21.89	18.69	18.60	18.89

Band: DCS1900	Burst Average Power (dBm)			Frame Average Power (dBm)		
Channel	513	661	810	513	661	810
GSM (CS)	29.24	29.29	29.31	20.24	20.29	20.31
GPRS/EDGE (GMSK, 1 Tx slot)	29.25	29.29	29.32	20.25	20.29	20.32
GPRS/EDGE (GMSK, 2 Tx slots)	27.27	27.36	27.41	21.27	21.36	21.41
GPRS/EDGE (GMSK, 3 Tx slots)	25.52	25.60	25.66	21.26	21.34	21.40
GPRS/EDGE (GMSK, 4 Tx slots)	24.19	24.28	24.35	21.19	21.28	21.35
EDGE (8PSK, 1 Tx slot)	25.42	25.46	25.55	16.42	16.46	16.55
EDGE (8PSK, 2 Tx slots)	23.80	23.61	23.82	17.80	17.61	17.82
EDGE (8PSK, 3 Tx slots)	21.76	21.70	21.88	17.50	17.44	17.62
EDGE (8PSK, 4 Tx slots)	20.38	20.33	20.47	17.38	17.33	17.47

UMTS Band II		Conducted Power (dBm)		
		9262	9400	9538
WCDMA	12.2kbps RMC	23.04	23.03	23.00
	64kbps RMC	22.82	22.94	22.96
	144kbps RMC	22.80	22.91	22.99
	384kbps RMC	22.78	22.95	22.96
HSDPA	Subtest 1	22.00	22.02	21.99
	Subtest 2	21.33	21.30	21.26
	Subtest 3	21.28	21.24	21.23
	Subtest 4	21.17	21.20	21.08
HSUPA	Subtest 1	20.74	20.65	20.68
	Subtest 2	20.87	20.76	20.70
	Subtest 3	21.72	21.74	21.72
	Subtest 4	20.27	20.29	20.25
	Subtest 5	21.59	21.71	21.72

UMTS Band IV		Conducted Power (dBm)		
		1312	1412	1513
WCDMA	12.2kbps RMC	22.96	22.84	22.95
	64kbps RMC	22.89	22.79	22.90
	144kbps RMC	22.91	22.71	22.95
	384kbps RMC	22.94	22.83	22.95
HSDPA	Subtest 1	21.97	21.88	21.98
	Subtest 2	21.21	21.12	21.15
	Subtest 3	21.16	21.13	21.14
	Subtest 4	21.09	21.18	21.12
HSUPA	Subtest 1	20.58	20.48	20.54
	Subtest 2	20.25	20.19	20.26
	Subtest 3	21.14	21.04	21.10
	Subtest 4	19.74	19.57	19.75
	Subtest 5	21.06	20.99	21.05

UMTS Band V		Conducted Power (dBm)		
		4133	4175	4232
WCDMA	12.2kbps RMC	23.39	23.33	23.31
	64kbps RMC	23.32	23.28	23.26
	144kbps RMC	23.34	23.21	23.31
	384kbps RMC	23.38	23.32	23.31
HSDPA	Subtest 1	22.38	22.32	22.28
	Subtest 2	21.72	21.66	21.69
	Subtest 3	21.66	21.60	21.38
	Subtest 4	21.60	21.58	21.45
HSUPA	Subtest 1	21.04	20.95	20.99
	Subtest 2	20.63	20.59	20.56
	Subtest 3	21.55	21.50	21.53
	Subtest 4	20.10	20.12	20.17
	Subtest 5	21.53	21.53	21.54

LTE Band 2

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18607	18900	19193
1.4MHz	QPSK	1	0	23.18	23.34	23.28
		1	3	23.20	23.38	23.30
		1	5	23.18	23.38	23.25
		3	0	22.35	22.62	22.25
		3	1	22.33	22.57	22.29
		3	3	22.29	22.56	22.32
		6	0	22.31	22.57	22.37
	16QAM	1	0	22.29	22.56	22.40
		1	3	22.32	22.57	22.38
		1	5	22.34	22.54	22.39
		3	0	21.45	21.58	21.61
		3	1	21.43	21.62	21.62
		3	3	21.45	21.61	21.66
		6	0	21.42	21.65	21.63
	64QAM	1	0	21.41	21.64	21.66
		1	3	21.41	21.67	21.71
		1	5	21.43	21.71	21.72
		3	0	20.44	20.66	20.63
		3	1	20.45	20.68	20.67
		3	3	20.48	20.65	20.72
		6	0	20.53	20.62	20.75
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18615	18900	19185
3MHz	QPSK	1	0	23.23	23.33	23.30
		1	8	23.26	23.38	23.31
		1	14	23.24	23.36	23.29
		8	0	22.28	22.49	22.39
		8	4	22.30	22.52	22.43
		8	7	22.35	22.57	22.42
		15	0	22.30	22.54	22.46
	16QAM	1	0	22.25	22.58	22.50
		1	8	22.27	22.56	22.48
		1	14	22.30	22.51	22.47
		8	0	21.38	21.57	21.48
		8	4	21.43	21.54	21.54
		8	7	21.39	21.49	21.49
		15	0	21.38	21.54	21.44

	64QAM	1	0	21.40	21.50	21.44
		1	8	21.42	21.52	21.39
		1	14	21.44	21.55	21.40
		8	0	20.41	20.55	20.33
		8	4	20.38	20.57	20.37
		8	7	20.35	20.56	20.35
		15	0	20.36	20.57	20.32
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175
5MHz	QPSK	1	0	23.24	23.35	23.30
		1	13	23.25	23.36	23.35
		1	24	23.23	23.34	23.31
		12	0	22.24	22.35	22.37
		12	6	22.22	22.39	22.40
		12	13	22.21	22.38	22.40
		25	0	22.21	22.42	22.41
	16QAM	1	0	22.24	22.41	22.43
		1	13	22.23	22.44	22.47
		1	24	22.24	22.46	22.45
		12	0	21.38	21.72	21.71
		12	6	21.35	21.69	21.64
		12	13	21.36	21.68	21.60
		25	0	21.34	21.69	21.64
	64QAM	1	0	21.29	21.70	21.63
		1	13	21.33	21.69	21.62
		1	24	21.37	21.70	21.60
		12	0	20.36	20.64	20.52
		12	6	20.32	20.59	20.49
		12	13	20.28	20.58	20.50
		25	0	20.29	20.55	20.54
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18650	18900	19150
10MHz	QPSK	1	0	23.25	23.31	23.30
		1	25	23.28	23.34	23.30
		1	49	23.26	23.32	23.26
		25	0	22.41	22.52	22.34
		25	12	22.43	22.57	22.30
		25	25	22.47	22.54	22.29
		50	0	22.45	22.59	22.32
	16QAM	1	0	22.42	22.55	22.36

		1	25	22.47	22.58	22.40
		1	49	22.49	22.53	22.45
		25	0	21.61	21.79	21.47
		25	12	21.66	21.75	21.47
		25	25	21.67	21.72	21.50
		50	0	21.67	21.74	21.52
	64QAM	1	0	21.63	21.74	21.47
		1	25	21.62	21.70	21.51
		1	49	21.59	21.74	21.49
		25	0	20.58	20.69	20.40
		25	12	20.56	20.73	20.43
		25	25	20.52	20.68	20.43
		50	0	20.57	20.69	20.43
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18675	18900	19125
15MHz	QPSK	1	0	23.27	23.30	23.27
		1	37	23.31	23.34	23.31
		1	74	23.26	23.33	23.29
		36	0	22.34	22.41	22.34
		36	20	22.37	22.44	22.34
		36	39	22.32	22.42	22.36
		75	0	22.28	22.37	22.37
	16QAM	1	0	22.26	22.37	22.41
		1	37	22.23	22.33	22.40
		1	74	22.22	22.31	22.41
		36	0	21.22	21.44	21.42
		36	20	21.20	21.44	21.38
		36	39	21.24	21.44	21.37
		75	0	21.19	21.45	21.37
	64QAM	1	0	21.23	21.45	21.37
		1	37	21.23	21.47	21.39
		1	74	21.20	21.43	21.44
		36	0	20.12	20.42	20.42
		36	20	20.16	20.38	20.41
		36	39	20.11	20.38	20.41
		75	0	20.10	20.37	20.44
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18700	18900	19100
20MHz	QPSK	1	0	23.30	23.37	23.28
		1	50	23.33	23.38	23.32

		1	99	23.28	23.35	23.31
		50	0	22.38	22.60	22.44
		50	25	22.33	22.65	22.44
		50	50	22.35	22.67	22.43
		100	0	22.35	22.63	22.44
	16QAM	1	0	22.39	22.63	22.42
		1	50	22.37	22.58	22.42
		1	99	22.41	22.55	22.46
		50	0	21.45	21.60	21.69
		50	25	21.40	21.56	21.69
		50	50	21.38	21.53	21.65
		100	0	21.39	21.51	21.65
	64QAM	1	0	21.37	21.55	21.68
		1	50	21.37	21.54	21.66
		1	99	21.38	21.50	21.69
		50	0	20.41	20.53	20.67
		50	25	20.44	20.49	20.62
		50	50	20.46	20.52	20.59
		100	0	20.49	20.47	20.58

LTE Band 4

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19957	20175	20393
1.4MHz	QPSK	1	0	23.01	23.05	22.95
		1	3	23.02	23.05	22.98
		1	5	22.97	23.05	22.96
		3	0	22.12	22.18	22.16
		3	1	22.17	22.15	22.15
		3	3	22.12	22.18	22.14
		6	0	22.07	22.20	22.11
	16QAM	1	0	22.08	22.18	22.07
		1	3	22.11	22.14	22.10
		1	5	22.13	22.19	22.06
		3	0	21.30	21.27	21.17
		3	1	21.26	21.28	21.16
		3	3	21.27	21.24	21.18
		6	0	21.31	21.23	21.17
	64QAM	1	0	21.34	21.24	21.16
		1	3	21.33	21.27	21.19
		1	5	21.34	21.30	21.17
		3	0	20.25	20.32	20.15
		3	1	20.20	20.32	20.10
		3	3	20.20	20.28	20.07
		6	0	20.25	20.23	20.11
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19965	20175	20385
3MHz	QPSK	1	0	22.98	23.06	22.95
		1	8	22.98	23.09	22.99
		1	14	22.97	23.05	22.94
		8	0	22.10	22.10	22.07
		8	4	22.14	22.13	22.07
		8	7	22.18	22.09	22.08
		15	0	22.17	22.11	22.10
	16QAM	1	0	22.15	22.07	22.12
		1	8	22.17	22.12	22.08
		1	14	22.14	22.12	22.04
		8	0	21.18	21.32	21.05
		8	4	21.22	21.30	21.03
		8	7	21.23	21.25	20.99
		15	0	21.26	21.29	20.97

	64QAM	1	0	21.31	21.25	20.93
		1	8	21.27	21.20	20.88
		1	14	21.32	21.20	20.92
		8	0	20.28	20.20	19.84
		8	4	20.32	20.21	19.86
		8	7	20.31	20.25	19.82
		15	0	20.35	20.21	19.79
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375
5MHz	QPSK	1	0	22.93	23.01	23.01
		1	13	22.97	23.04	23.04
		1	24	22.92	23.03	23.02
		12	0	22.05	22.06	22.15
		12	6	22.05	22.06	22.15
		12	13	22.09	22.05	22.15
		25	0	22.06	22.02	22.16
	16QAM	1	0	22.07	22.01	22.19
		1	13	22.11	22.03	22.17
		1	24	22.10	22.04	22.20
		12	0	21.22	21.09	21.37
		12	6	21.18	21.11	21.40
		12	13	21.22	21.06	21.43
		25	0	21.21	21.03	21.45
	64QAM	1	0	21.23	21.06	21.48
		1	13	21.25	21.09	21.51
		1	24	21.28	21.10	21.54
		12	0	20.24	20.03	20.52
		12	6	20.27	19.98	20.53
		12	13	20.24	20.00	20.53
		25	0	20.21	19.96	20.57
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20000	20175	20350
10MHz	QPSK	1	0	22.96	23.05	22.97
		1	25	22.99	23.06	23.01
		1	49	22.95	23.03	23.01
		25	0	22.15	22.18	22.23
		25	12	22.12	22.22	22.26
		25	25	22.10	22.26	22.27
		50	0	22.13	22.29	22.27
	16QAM	1	0	22.15	22.26	22.24

		1	25	22.11	22.27	22.21
		1	49	22.09	22.28	22.25
		25	0	21.30	21.48	21.36
		25	12	21.31	21.50	21.38
		25	25	21.32	21.46	21.42
		50	0	21.28	21.50	21.44
	64QAM	1	0	21.30	21.52	21.39
		1	25	21.30	21.51	21.41
		1	49	21.33	21.49	21.39
		25	0	20.33	20.49	20.34
		25	12	20.33	20.48	20.37
		25	25	20.37	20.49	20.38
		50	0	20.33	20.52	20.42
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20025	20175	20325
15MHz	QPSK	1	0	22.94	23.04	22.99
		1	37	22.98	23.05	23.00
		1	74	22.98	23.00	23.00
		36	0	22.12	22.08	22.03
		36	20	22.16	22.12	22.08
		36	39	22.17	22.12	22.11
		75	0	22.16	22.13	22.10
	16QAM	1	0	22.11	22.15	22.06
		1	37	22.13	22.16	22.10
		1	74	22.13	22.19	22.06
		36	0	21.13	21.20	21.20
		36	20	21.14	21.24	21.20
		36	39	21.13	21.22	21.24
		75	0	21.09	21.23	21.23
	64QAM	1	0	21.12	21.22	21.28
		1	37	21.17	21.22	21.27
		1	74	21.21	21.25	21.25
		36	0	20.14	20.26	20.26
		36	20	20.10	20.23	20.23
		36	39	20.13	20.24	20.20
		75	0	20.17	20.21	20.25
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20050	20175	20300
20MHz	QPSK	1	0	22.99	23.07	23.05
		1	50	23.03	23.09	23.08

		1	99	23.02	23.08	23.05
		50	0	22.21	22.09	22.27
		50	25	22.26	22.11	22.23
		50	50	22.28	22.14	22.27
		100	0	22.32	22.12	22.29
	16QAM	1	0	22.29	22.14	22.26
		1	50	22.30	22.13	22.22
		1	99	22.30	22.14	22.25
		50	0	21.31	21.34	21.27
		50	25	21.27	21.28	21.20
		50	50	21.25	21.27	21.18
		100	0	21.23	21.28	21.17
	64QAM	1	0	21.21	21.26	21.17
		1	50	21.19	21.25	21.12
		1	99	21.22	21.27	21.08
		50	0	20.21	20.25	20.03
		50	25	20.25	20.22	20.00
		50	50	20.22	20.22	20.01
		100	0	20.25	20.27	20.06

LTE Band 5

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20407	20525	20643
1.4MHz	QPSK	1	0	23.11	22.94	23.09
		1	3	23.13	22.98	23.12
		1	5	23.10	22.97	23.07
		3	0	22.11	22.21	22.28
		3	1	22.10	22.26	22.27
		3	3	22.15	22.21	22.31
		6	0	22.19	22.19	22.35
	16QAM	1	0	22.23	22.17	22.40
		1	3	22.24	22.14	22.44
		1	5	22.20	22.16	22.44
		3	0	21.33	21.31	21.68
		3	1	21.37	21.30	21.64
		3	3	21.38	21.27	21.60
		6	0	21.40	21.28	21.62
	64QAM	1	0	21.44	21.30	21.63
		1	3	21.40	21.34	21.59
		1	5	21.42	21.35	21.63
		3	0	20.43	20.33	20.56
		3	1	20.38	20.31	20.56
		3	3	20.33	20.32	20.54
		6	0	20.30	20.27	20.51
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20415	20525	20635
3MHz	QPSK	1	0	23.10	23.02	23.13
		1	8	23.12	23.06	23.17
		1	14	23.12	23.02	23.17
		8	0	22.22	22.09	22.26
		8	4	22.18	22.11	22.22
		8	7	22.21	22.10	22.25
		15	0	22.25	22.06	22.24
	16QAM	1	0	22.24	22.03	22.27
		1	8	22.29	22.06	22.25
		1	14	22.33	22.09	22.25
		8	0	21.34	21.29	21.46
		8	4	21.32	21.24	21.47
		8	7	21.35	21.20	21.47
		15	0	21.37	21.25	21.51

	64QAM	1	0	21.36	21.23	21.49
		1	8	21.41	21.28	21.51
		1	14	21.36	21.31	21.50
		8	0	20.33	20.32	20.44
		8	4	20.30	20.31	20.43
		8	7	20.26	20.29	20.39
		15	0	20.28	20.27	20.35
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20425	20525	20625
5MHz	QPSK	1	0	23.05	23.08	23.10
		1	13	23.10	23.10	23.13
		1	24	23.07	23.09	23.13
		12	0	22.09	22.24	22.32
		12	6	22.07	22.24	22.36
		12	13	22.08	22.27	22.32
		25	0	22.12	22.31	22.29
	16QAM	1	0	22.10	22.28	22.33
		1	13	22.15	22.28	22.33
		1	24	22.13	22.24	22.35
		12	0	21.30	21.49	21.60
		12	6	21.34	21.48	21.58
		12	13	21.37	21.46	21.59
		25	0	21.36	21.46	21.60
	64QAM	1	0	21.36	21.50	21.56
		1	13	21.33	21.51	21.54
		1	24	21.38	21.51	21.55
		12	0	20.33	20.52	20.54
		12	6	20.31	20.52	20.59
		12	13	20.29	20.52	20.63
		25	0	20.31	20.47	20.63
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20450	20525	20600
10MHz	QPSK	1	0	23.05	23.13	23.05
		1	25	23.08	23.14	23.10
		1	49	23.04	23.12	23.05
		25	0	22.11	22.25	22.11
		25	12	22.08	22.23	22.09
		25	25	22.12	22.22	22.08
		50	0	22.12	22.20	22.08
		16QAM	1	22.15	22.21	22.08

		1	25	22.20	22.20	22.04
		1	49	22.17	22.18	22.09
		25	0	21.29	21.43	21.21
		25	12	21.33	21.36	21.18
		25	25	21.35	21.32	21.16
		50	0	21.33	21.35	21.14
	64QAM	1	0	21.31	21.34	21.18
		1	25	21.32	21.39	21.14
		1	49	21.34	21.39	21.17
		25	0	20.32	20.30	20.17
		25	12	20.36	20.30	20.19
		25	25	20.34	20.33	20.23
		50	0	20.35	20.38	20.21

LTE Band 7

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20775	21100	21425
5MHz	QPSK	1	0	23.21	23.15	23.12
		1	13	23.21	23.17	23.13
		1	24	23.21	23.17	23.10
		12	0	22.44	22.30	22.33
		12	6	22.41	22.34	22.34
		12	13	22.43	22.33	22.31
		25	0	22.47	22.30	22.34
	16QAM	1	0	22.44	22.32	22.29
		1	13	22.40	22.31	22.27
		1	24	22.40	22.34	22.31
		12	0	21.61	21.58	21.45
		12	6	21.67	21.60	21.44
		12	13	21.68	21.62	21.46
		25	0	21.71	21.63	21.47
	64QAM	1	0	21.74	21.60	21.43
		1	13	21.77	21.59	21.41
		1	24	21.81	21.57	21.39
		12	0	20.79	20.53	20.40
		12	6	20.75	20.56	20.37
		12	13	20.73	20.54	20.35
		25	0	20.73	20.53	20.38
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20800	21100	21400
10MHz	QPSK	1	0	23.23	23.18	23.18
		1	25	23.26	23.21	23.20
		1	49	23.26	23.17	23.16
		25	0	22.33	22.18	22.26
		25	12	22.32	22.17	22.26
		25	25	22.36	22.20	22.28
		50	0	22.38	22.24	22.31
	16QAM	1	0	22.40	22.29	22.28
		1	25	22.43	22.25	22.32
		1	49	22.44	22.25	22.31
		25	0	21.55	21.45	21.52
		25	12	21.56	21.38	21.46
		25	25	21.54	21.38	21.45
		50	0	21.54	21.38	21.44

	64QAM	1	0	21.55	21.41	21.49
		1	25	21.51	21.37	21.45
		1	49	21.51	21.39	21.43
		25	0	20.47	20.41	20.45
		25	12	20.45	20.44	20.41
		25	25	20.48	20.40	20.40
		50	0	20.47	20.42	20.37
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20825	21100	21375
15MHz	QPSK	1	0	23.17	23.21	23.20
		1	37	23.21	23.22	23.20
		1	74	23.16	23.20	23.16
		36	0	22.28	22.20	22.26
		36	20	22.31	22.22	22.24
		36	39	22.31	22.18	22.19
		75	0	22.35	22.22	22.16
	16QAM	1	0	22.33	22.27	22.13
		1	37	22.30	22.26	22.17
		1	74	22.28	22.23	22.20
		36	0	21.41	21.37	21.37
		36	20	21.36	21.35	21.33
		36	39	21.41	21.36	21.34
		75	0	21.44	21.38	21.29
	64QAM	1	0	21.39	21.38	21.32
		1	37	21.39	21.38	21.33
		1	74	21.41	21.36	21.30
		36	0	20.41	20.31	20.31
		36	20	20.43	20.30	20.31
		36	39	20.39	20.27	20.36
		75	0	20.37	20.26	20.34
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20850	21100	21350
20MHz	QPSK	1	0	23.19	23.21	23.18
		1	50	23.19	23.26	23.19
		1	99	23.18	23.26	23.15
		50	0	22.43	22.32	22.24
		50	25	22.45	22.37	22.26
		50	50	22.42	22.38	22.25
		100	0	22.44	22.41	22.25
		1	0	22.48	22.36	22.23
	16QAM	1	0	22.48	22.36	22.23

		1	50	22.51	22.32	22.20
		1	99	22.53	22.36	22.19
		50	0	21.72	21.55	21.25
		50	25	21.75	21.57	21.30
		50	50	21.71	21.58	21.32
		100	0	21.75	21.54	21.28
	64QAM	1	0	21.73	21.52	21.27
		1	50	21.76	21.49	21.31
		1	99	21.78	21.48	21.27
		50	0	20.80	20.41	20.24
		50	25	20.83	20.42	20.21
		50	50	20.80	20.44	20.17
		100	0	20.84	20.43	20.13

LTE Band 13

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				23205	23230	23255
5MHz	QPSK	1	0	23.08	23.07	23.06
		1	13	23.11	23.11	23.11
		1	24	23.07	23.10	23.06
		12	0	22.13	22.27	22.14
		12	6	22.13	22.27	22.12
		12	13	22.11	22.29	22.15
		25	0	22.16	22.28	22.15
	16QAM	1	0	22.14	22.26	22.12
		1	13	22.10	22.30	22.15
		1	24	22.12	22.27	22.13
		12	0	21.34	21.28	21.20
		12	6	21.30	21.30	21.14
		12	13	21.32	21.31	21.12
		25	0	21.29	21.32	21.15
	64QAM	1	0	21.27	21.34	21.10
		1	13	21.25	21.31	21.15
		1	24	21.29	21.31	21.12
		12	0	20.25	20.34	20.07
		12	6	20.25	20.30	20.10
		12	13	20.28	20.32	20.06
		25	0	20.26	20.32	20.09
Bandwidth	Modulation	RB size	RB offset	Channel		
				23230		
10MHz	QPSK	1	0	23.11		
		1	25	23.13		
		1	49	23.10		
		25	0	22.17		
		25	12	22.12		
		25	25	22.08		
		50	0	22.05		
	16QAM	1	0	22.04		
		1	25	22.07		
		1	49	22.05		
		25	0	21.13		
		25	12	21.07		
		25	25	21.05		
		50	0	21.08		

	64QAM	1	0	21.04
		1	25	21.02
		1	49	21.01
		25	0	20.02
		25	12	20.01
		25	25	20.06
		50	0	20.06

LTE Band 26

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26697	26865	27033
1.4MHz	QPSK	1	0	22.95	22.92	22.85
		1	13	22.97	22.96	22.90
		1	24	22.96	22.92	22.89
		12	0	22.10	21.95	21.93
		12	6	22.11	21.97	21.96
		12	13	22.06	21.93	22.00
		25	0	22.05	21.94	21.98
	16QAM	1	0	22.01	21.91	21.96
		1	13	22.04	21.87	21.92
		1	24	22.07	21.86	21.88
		12	0	21.27	20.99	21.10
		12	6	21.32	20.97	21.06
		12	13	21.29	20.96	21.10
		25	0	21.32	20.93	21.12
	64QAM	1	0	21.27	20.91	21.15
		1	13	21.22	20.94	21.18
		1	24	21.19	20.96	21.19
		12	0	20.16	19.98	20.11
		12	6	20.17	20.02	20.12
		12	13	20.20	19.97	20.17
		25	0	20.21	19.93	20.19
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26705	26865	27025
3MHz	QPSK	1	0	23.01	23.07	22.98
		1	13	23.04	23.08	22.98
		1	24	23.03	23.05	22.93
		12	0	22.14	22.26	22.11
		12	6	22.12	22.29	22.08
		12	13	22.14	22.29	22.11
		25	0	22.10	22.31	22.07
	16QAM	1	0	22.10	22.36	22.02
		1	13	22.12	22.31	22.04
		1	24	22.09	22.35	22.02
		12	0	21.20	21.41	21.14
		12	6	21.19	21.39	21.14
		12	13	21.15	21.36	21.12
		25	0	21.18	21.36	21.08
	64QAM	1	0	21.16	21.36	21.03
		1	13	21.20	21.36	21.01

		1	24	21.24	21.39	21.05
		12	0	20.17	20.32	20.05
		12	6	20.15	20.28	20.08
		12	13	20.14	20.25	20.10
		25	0	20.09	20.30	20.14
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26715	26865	27015
5MHz	QPSK	1	0	22.99	22.95	22.90
		1	13	23.01	22.98	22.93
		1	24	22.99	22.97	22.90
		12	0	22.18	21.98	22.01
		12	6	22.20	22.00	22.01
		12	13	22.20	22.04	22.01
		25	0	22.17	22.03	22.04
	16QAM	1	0	22.13	22.03	22.04
		1	13	22.16	22.01	22.03
		1	24	22.14	21.97	22.01
		12	0	21.25	21.00	21.08
		12	6	21.27	20.98	21.09
		12	13	21.29	21.03	21.08
		25	0	21.33	21.04	21.05
	64QAM	1	0	21.31	21.05	21.04
		1	13	21.32	21.07	21.06
		1	24	21.36	21.03	21.05
		12	0	20.38	19.98	20.03
		12	6	20.39	19.95	20.06
		12	13	20.44	19.94	20.02
		25	0	20.41	19.91	20.05
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26740	26865	26990
10MHz	QPSK	1	0	23.07	23.04	22.94
		1	25	23.08	23.06	22.98
		1	49	23.04	23.02	22.94
		25	0	22.20	22.23	21.98
		25	12	22.15	22.21	21.96
		25	25	22.14	22.16	22.01
		50	0	22.09	22.16	21.96
	16QAM	1	0	22.06	22.14	21.96
		1	25	22.02	22.15	22.00
		1	49	22.02	22.16	22.04
		25	0	21.28	21.21	21.19

		25	12	21.27	21.24	21.17
		25	25	21.30	21.22	21.20
		50	0	21.26	21.21	21.16
	64QAM	1	0	21.24	21.17	21.14
		1	25	21.26	21.16	21.17
		1	49	21.25	21.15	21.12
		25	0	20.16	20.07	20.03
		25	12	20.16	20.04	20.00
		25	25	20.12	20.01	20.02
		50	0	20.16	20.04	20.07
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26765	26865	26965
15MHz	QPSK	1	0	23.04	23.04	22.97
		1	50	23.06	23.07	22.99
		1	99	23.02	23.02	22.97
		50	0	22.06	22.23	22.14
		50	25	22.03	22.28	22.19
		50	50	22.01	22.27	22.20
		100	0	22.05	22.32	22.18
	16QAM	1	0	22.03	22.35	22.14
		1	50	22.08	22.40	22.18
		1	99	22.11	22.36	22.21
		50	0	21.22	21.54	21.25
		50	25	21.19	21.58	21.19
		50	50	21.17	21.56	21.18
		100	0	21.16	21.57	21.20
	64QAM	1	0	21.11	21.56	21.22
		1	50	21.08	21.58	21.21
		1	99	21.09	21.63	21.18
		50	0	20.01	20.55	20.13
		50	25	20.00	20.57	20.10
		50	50	20.01	20.60	20.08
		100	0	20.06	20.59	20.11

LTE Band 38

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37775	38000	38225
5MHz	QPSK	1	0	23.31	23.36	23.24
		1	13	23.32	23.37	23.27
		1	24	23.29	23.33	23.26
		12	0	22.51	22.44	22.40
		12	6	22.54	22.42	22.40
		12	13	22.51	22.44	22.37
		25	0	22.55	22.45	22.36
	16QAM	1	0	22.50	22.45	22.37
		1	13	22.46	22.44	22.38
		1	24	22.48	22.46	22.33
		12	0	21.54	21.56	21.35
		12	6	21.50	21.60	21.37
		12	13	21.51	21.63	21.38
		25	0	21.48	21.68	21.35
	64QAM	1	0	21.53	21.66	21.39
		1	13	21.54	21.71	21.38
		1	24	21.58	21.72	21.41
		12	0	20.49	20.71	20.33
		12	6	20.47	20.70	20.35
		12	13	20.51	20.69	20.33
		25	0	20.49	20.68	20.32
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37800	38000	38200
10MHz	QPSK	1	0	23.36	23.30	23.29
		1	25	23.37	23.33	23.34
		1	49	23.34	23.32	23.31
		25	0	22.57	22.47	22.33
		25	12	22.53	22.47	22.36
		25	25	22.56	22.45	22.31
		50	0	22.53	22.40	22.33
	16QAM	1	0	22.55	22.36	22.37
		1	25	22.54	22.31	22.39
		1	49	22.53	22.28	22.41
		25	0	21.71	21.43	21.63
		25	12	21.65	21.38	21.66
		25	25	21.61	21.41	21.69
		50	0	21.66	21.45	21.67

	64QAM	1	0	21.70	21.42	21.70
		1	25	21.69	21.45	21.67
		1	49	21.72	21.44	21.67
		25	0	20.72	20.46	20.57
		25	12	20.67	20.51	20.59
		25	25	20.69	20.52	20.59
		50	0	20.73	20.56	20.58
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37825	38000	38175
15MHz	QPSK	1	0	23.35	23.35	23.33
		1	37	23.38	23.36	23.34
		1	74	23.35	23.32	23.33
		36	0	22.37	22.54	22.45
		36	20	22.38	22.51	22.46
		36	39	22.42	22.52	22.42
		75	0	22.39	22.47	22.46
	16QAM	1	0	22.35	22.51	22.47
		1	37	22.32	22.48	22.44
		1	74	22.34	22.44	22.44
		36	0	21.44	21.58	21.64
		36	20	21.44	21.59	21.60
		36	39	21.40	21.64	21.59
		75	0	21.40	21.61	21.60
	64QAM	1	0	21.43	21.60	21.63
		1	37	21.47	21.64	21.59
		1	74	21.43	21.61	21.57
		36	0	20.38	20.60	20.47
		36	20	20.39	20.62	20.47
		36	39	20.35	20.67	20.44
		75	0	20.40	20.72	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37850	38000	38150
20MHz	QPSK	1	0	23.36	23.38	23.33
		1	50	23.39	23.39	23.36
		1	99	23.38	23.36	23.32
		50	0	22.51	22.45	22.57
		50	25	22.47	22.50	22.55
		50	50	22.47	22.50	22.59
		100	0	22.50	22.54	22.61
	16QAM	1	0	22.54	22.54	22.60

		1	50	22.53	22.58	22.63
		1	99	22.57	22.60	22.62
		50	0	21.75	21.70	21.65
		50	25	21.79	21.75	21.59
		50	50	21.82	21.73	21.63
		100	0	21.85	21.76	21.68
	64QAM	1	0	21.82	21.80	21.69
		1	50	21.85	21.80	21.65
		1	99	21.86	21.84	21.60
		50	0	20.84	20.76	20.51
		50	25	20.82	20.72	20.54
		50	50	20.84	20.76	20.55
		100	0	20.88	20.78	20.57

LTE Band 41

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40065	40640	41215
5MHz	QPSK	1	0	23.33	23.44	23.29
		1	13	23.37	23.46	23.30
		1	24	23.33	23.44	23.25
		12	0	22.37	22.61	22.27
		12	6	22.36	22.58	22.30
		12	13	22.34	22.56	22.30
		25	0	22.30	22.55	22.34
	16QAM	1	0	22.30	22.58	22.31
		1	13	22.28	22.60	22.29
		1	24	22.30	22.56	22.30
		12	0	21.41	21.77	21.44
		12	6	21.42	21.81	21.44
		12	13	21.40	21.76	21.43
		25	0	21.43	21.80	21.41
	64QAM	1	0	21.46	21.78	21.46
		1	13	21.51	21.78	21.47
		1	24	21.51	21.73	21.42
		12	0	20.53	20.69	20.43
		12	6	20.52	20.68	20.48
		12	13	20.51	20.67	20.43
		25	0	20.51	20.70	20.44
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40090	40640	41190
10MHz	QPSK	1	0	23.34	23.42	23.31
		1	25	23.35	23.45	23.33
		1	49	23.32	23.42	23.33
		25	0	22.53	22.56	22.41
		25	12	22.51	22.52	22.42
		25	25	22.53	22.56	22.42
		50	0	22.50	22.57	22.41
	16QAM	1	0	22.51	22.52	22.39
		1	25	22.50	22.55	22.42
		1	49	22.54	22.57	22.46
		25	0	21.74	21.60	21.50
		25	12	21.77	21.53	21.54
		25	25	21.78	21.52	21.52
		50	0	21.83	21.56	21.47

	64QAM	1	0	21.78	21.55	21.43
		1	25	21.82	21.55	21.47
		1	49	21.80	21.59	21.43
		25	0	20.83	20.57	20.42
		25	12	20.78	20.57	20.38
		25	25	20.81	20.59	20.36
		50	0	20.76	20.62	20.37
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40115	40640	41165
15MHz	QPSK	1	0	23.36	23.38	23.34
		1	37	23.40	23.41	23.38
		1	74	23.37	23.39	23.36
		36	0	22.57	22.61	22.56
		36	20	22.58	22.59	22.53
		36	39	22.57	22.62	22.57
		75	0	22.56	22.59	22.53
	16QAM	1	0	22.59	22.59	22.58
		1	37	22.57	22.61	22.56
		1	74	22.58	22.65	22.53
		36	0	21.71	21.79	21.77
		36	20	21.75	21.76	21.75
		36	39	21.77	21.77	21.79
		75	0	21.78	21.73	21.79
	64QAM	1	0	21.82	21.74	21.77
		1	37	21.78	21.76	21.72
		1	74	21.76	21.74	21.70
		36	0	20.77	20.68	20.68
		36	20	20.78	20.73	20.68
		36	39	20.77	20.71	20.63
		75	0	20.82	20.72	20.63
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40140	40640	41140
20MHz	QPSK	1	0	23.42	23.46	23.38
		1	50	23.44	23.46	23.42
		1	99	23.39	23.41	23.38
		50	0	22.57	22.45	22.45
		50	25	22.59	22.50	22.41
		50	50	22.56	22.46	22.43
		100	0	22.57	22.50	22.43
	16QAM	1	0	22.59	22.55	22.40

		1	50	22.62	22.58	22.41
		1	99	22.66	22.55	22.41
		50	0	21.84	21.58	21.65
		50	25	21.80	21.62	21.68
		50	50	21.82	21.59	21.66
		100	0	21.84	21.59	21.63
	64QAM	1	0	21.84	21.55	21.60
		1	50	21.83	21.55	21.64
		1	99	21.82	21.58	21.60
		50	0	20.79	20.58	20.53
		50	25	20.80	20.60	20.52
		50	50	20.84	20.56	20.51
		100	0	20.87	20.52	20.54

LTE Band 66

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19207	19575	19943
1.4MHz	QPSK	1	0	23.22	23.12	23.17
		1	3	23.26	23.16	23.21
		1	5	23.24	23.14	23.17
		3	0	22.39	22.27	22.40
		3	1	22.41	22.25	22.40
		3	3	22.39	22.28	22.37
		6	0	22.35	22.26	22.34
	16QAM	1	0	22.38	22.25	22.32
		1	3	22.40	22.30	22.33
		1	5	22.37	22.34	22.29
		3	0	21.48	21.35	21.47
		3	1	21.49	21.39	21.51
		3	3	21.53	21.44	21.53
		6	0	21.52	21.48	21.55
	64QAM	1	0	21.50	21.51	21.51
		1	3	21.51	21.47	21.51
		1	5	21.54	21.48	21.52
		3	0	20.52	20.51	20.53
		3	1	20.52	20.50	20.53
		3	3	20.55	20.48	20.54
		6	0	20.54	20.49	20.52
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19215	19575	19935
3MHz	QPSK	1	0	23.19	23.17	23.23
		1	8	23.21	23.21	23.25
		1	14	23.21	23.16	23.23
		8	0	22.29	22.38	22.35
		8	4	22.33	22.36	22.31
		8	7	22.29	22.35	22.26
		15	0	22.31	22.34	22.25
	16QAM	1	0	22.32	22.30	22.22
		1	8	22.36	22.28	22.27
		1	14	22.34	22.23	22.24
		8	0	21.35	21.34	21.43
		8	4	21.31	21.39	21.39
		8	7	21.33	21.40	21.38
		15	0	21.35	21.37	21.42

	64QAM	1	0	21.34	21.38	21.39
		1	8	21.39	21.33	21.34
		1	14	21.39	21.37	21.32
		8	0	20.41	20.30	20.25
		8	4	20.39	20.32	20.27
		8	7	20.36	20.31	20.24
		15	0	20.38	20.32	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19225	19575	19925
5MHz	QPSK	1	0	23.11	23.20	23.24
		1	13	23.16	23.23	23.25
		1	24	23.15	23.21	23.22
		12	0	22.22	22.34	22.47
		12	6	22.26	22.32	22.51
		12	13	22.23	22.37	22.53
		25	0	22.22	22.35	22.57
	16QAM	1	0	22.27	22.32	22.54
		1	13	22.31	22.35	22.56
		1	24	22.30	22.36	22.57
		12	0	21.43	21.36	21.67
		12	6	21.48	21.35	21.68
		12	13	21.52	21.38	21.65
		25	0	21.51	21.39	21.61
	64QAM	1	0	21.51	21.34	21.57
		1	13	21.51	21.31	21.56
		1	24	21.51	21.31	21.59
		12	0	20.48	20.25	20.50
		12	6	20.50	20.22	20.50
		12	13	20.51	20.25	20.48
		25	0	20.51	20.28	20.48
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19250	19575	19900
10MHz	QPSK	1	0	23.19	23.17	23.21
		1	25	23.20	23.21	23.23
		1	49	23.19	23.18	23.19
		25	0	22.40	22.32	22.24
		25	12	22.44	22.33	22.24
		25	25	22.42	22.33	22.19
		50	0	22.47	22.29	22.20
		1	0	22.44	22.32	22.16
	16QAM	1	0	22.44	22.32	22.16

		1	25	22.41	22.37	22.16
		1	49	22.36	22.37	22.16
		25	0	21.58	21.49	21.28
		25	12	21.56	21.42	21.27
		25	25	21.53	21.41	21.24
		50	0	21.57	21.46	21.25
	64QAM	1	0	21.55	21.43	21.25
		1	25	21.50	21.43	21.23
		1	49	21.53	21.43	21.26
		25	0	20.54	20.34	20.22
		25	12	20.49	20.39	20.21
		25	25	20.48	20.37	20.22
		50	0	20.44	20.39	20.21
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19275	19575	19875
15MHz	QPSK	1	0	23.16	23.23	23.23
		1	37	23.19	23.23	23.24
		1	74	23.19	23.20	23.23
		36	0	22.38	22.29	22.34
		36	20	22.39	22.28	22.30
		36	39	22.40	22.26	22.33
		75	0	22.42	22.29	22.33
	16QAM	1	0	22.38	22.30	22.33
		1	37	22.40	22.27	22.30
		1	74	22.44	22.29	22.35
		36	0	21.64	21.51	21.40
		36	20	21.57	21.56	21.38
		36	39	21.54	21.59	21.33
		75	0	21.58	21.55	21.32
	64QAM	1	0	21.61	21.59	21.37
		1	37	21.61	21.62	21.35
		1	74	21.61	21.64	21.35
		36	0	20.54	20.60	20.27
		36	20	20.52	20.60	20.31
		36	39	20.47	20.58	20.27
		75	0	20.46	20.54	20.23
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19300	19575	19850
20MHz	QPSK	1	0	23.18	23.23	23.23
		1	50	23.20	23.27	23.27

		1	99	23.18	23.26	23.24
		50	0	22.22	22.48	22.36
		50	25	22.24	22.49	22.32
		50	50	22.25	22.53	22.27
		100	0	22.21	22.48	22.23
	16QAM	1	0	22.20	22.46	22.20
		1	50	22.19	22.42	22.23
		1	99	22.21	22.40	22.27
		50	0	21.39	21.60	21.50
		50	25	21.36	21.64	21.54
		50	50	21.32	21.59	21.58
		100	0	21.35	21.64	21.54
	64QAM	1	0	21.31	21.69	21.50
		1	50	21.27	21.66	21.50
		1	99	21.30	21.63	21.49
		50	0	20.23	20.56	20.50
		50	25	20.23	20.61	20.47
		50	50	20.19	20.58	20.52
		100	0	20.16	20.57	20.53

ANT0:
Full Power

Band: GSM850	<u>Burst Average Power (dBm)</u>			<u>Frame Average Power (dBm)</u>		
<u>Channel</u>	128	190	251	128	190	251
<u>GSM (CS)</u>	32.71	32.65	32.52	23.71	23.65	23.52
<u>GPRS/EDGE (GMSK, 1 Tx slot)</u>	32.72	32.63	32.49	23.72	23.63	23.49
<u>GPRS/EDGE (GMSK, 2 Tx slots)</u>	30.67	30.59	30.51	24.67	24.59	24.51
<u>GPRS/EDGE (GMSK, 3 Tx slots)</u>	28.86	28.83	28.72	24.60	24.57	24.46
<u>GPRS/EDGE (GMSK, 4 Tx slots)</u>	27.46	27.47	27.34	24.46	24.47	24.34
<u>EDGE (8PSK, 1 Tx slot)</u>	27.65	27.73	27.68	18.65	18.73	18.68
<u>EDGE (8PSK, 2 Tx slots)</u>	25.34	25.45	25.39	19.34	19.45	19.39
<u>EDGE (8PSK, 3 Tx slots)</u>	23.12	23.34	23.33	18.86	19.08	19.07
<u>EDGE (8PSK, 4 Tx slots)</u>	21.61	21.72	21.66	18.61	18.72	18.66

Band: DCS1900	Burst Average Power (dBm)			Frame Average Power (dBm)		
Channel	513	661	810	513	661	810
GSM (CS)	29.18	29.08	29.14	20.18	20.08	20.14
GPRS/EDGE (GMSK, 1 Tx slot)	29.19	29.09	29.11	20.19	20.09	20.11
GPRS/EDGE (GMSK, 2 Tx slots)	27.22	27.17	27.23	21.22	21.17	21.23
GPRS/EDGE (GMSK, 3 Tx slots)	25.46	25.41	25.48	21.20	21.15	21.22
GPRS/EDGE (GMSK, 4 Tx slots)	24.12	24.07	24.16	21.12	21.07	21.16
EDGE (8PSK, 1 Tx slot)	25.44	25.26	25.40	16.44	16.26	16.40
EDGE (8PSK, 2 Tx slots)	23.71	23.46	23.60	17.71	17.46	17.60
EDGE (8PSK, 3 Tx slots)	21.81	21.64	21.61	17.55	17.38	17.35
EDGE (8PSK, 4 Tx slots)	20.41	20.24	20.28	17.41	17.24	17.28

UMTS Band II		Conducted Power (dBm)		
		9262	9400	9538
WCDMA	12.2kbps RMC	23.02	23.00	23.06
	64kbps RMC	22.80	22.91	23.02
	144kbps RMC	22.78	22.88	23.05
	384kbps RMC	22.76	22.92	23.02
HSDPA	Subtest 1	22.04	22.04	22.08
	Subtest 2	21.25	21.21	21.29
	Subtest 3	21.21	21.17	21.17
	Subtest 4	21.14	21.16	21.16
HSUPA	Subtest 1	20.78	20.69	20.73
	Subtest 2	20.85	20.75	20.79
	Subtest 3	21.78	21.76	21.78
	Subtest 4	20.28	20.26	20.32
	Subtest 5	21.64	21.71	21.77

UMTS Band IV		Conducted Power (dBm)		
		1312	1412	1513
WCDMA	12.2kbps RMC	23.02	22.94	22.99
	64kbps RMC	22.95	22.89	22.94
	144kbps RMC	22.97	22.81	22.99
	384kbps RMC	23.00	22.93	22.99
HSDPA	Subtest 1	22.05	21.89	21.96
	Subtest 2	21.28	21.08	21.16
	Subtest 3	21.25	21.04	21.09
	Subtest 4	21.21	21.01	21.05
HSUPA	Subtest 1	20.6	20.53	20.63
	Subtest 2	20.33	20.29	20.3
	Subtest 3	21.15	21.08	21.22
	Subtest 4	19.74	19.68	19.79
	Subtest 5	21.14	21.06	21.16

UMTS Band V		Conducted Power (dBm)		
		4133	4175	4232
WCDMA	12.2kbps RMC	23.34	23.27	23.28
	64kbps RMC	23.27	23.22	23.23
	144kbps RMC	23.29	23.15	23.28
	384kbps RMC	23.33	23.26	23.28
HSDPA	Subtest 1	22.36	22.31	22.22
	Subtest 2	21.67	21.61	21.56
	Subtest 3	21.70	21.61	21.36
	Subtest 4	21.64	21.56	21.44
HSUPA	Subtest 1	20.96	20.90	20.96
	Subtest 2	20.64	20.57	20.55
	Subtest 3	21.51	21.40	21.46
	Subtest 4	20.08	19.98	20.11
	Subtest 5	21.52	21.40	21.49

LTE Band 2

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18607	18900	19193
1.4MHz	QPSK	1	0	23.31	23.40	23.26
		1	3	23.33	23.41	23.31
		1	5	23.31	23.36	23.29
		3	0	22.49	22.45	22.31
		3	1	22.54	22.42	22.28
		3	3	22.51	22.42	22.29
		6	0	22.52	22.44	22.24
	16QAM	1	0	22.56	22.42	22.19
		1	3	22.55	22.46	22.20
		1	5	22.54	22.45	22.19
		3	0	21.79	21.47	21.32
		3	1	21.85	21.53	21.36
		3	3	21.89	21.49	21.34
		6	0	21.92	21.49	21.38
	64QAM	1	0	21.88	21.52	21.38
		1	3	21.91	21.52	21.37
		1	5	21.93	21.51	21.34
		3	0	20.89	20.54	20.31
		3	1	20.88	20.52	20.29
		3	3	20.92	20.55	20.34
		6	0	20.92	20.55	20.37
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18615	18900	19185
3MHz	QPSK	1	0	23.37	23.42	23.31
		1	8	23.37	23.42	23.33
		1	14	23.37	23.41	23.32
		8	0	22.39	22.51	22.46
		8	4	22.38	22.50	22.43
		8	7	22.35	22.52	22.39
		15	0	22.36	22.54	22.36
	16QAM	1	0	22.37	22.52	22.31
		1	8	22.33	22.57	22.31
		1	14	22.29	22.56	22.31
		8	0	21.54	21.57	21.36
		8	4	21.51	21.56	21.32
		8	7	21.53	21.59	21.28
		15	0	21.53	21.59	21.26

	64QAM	1	0	21.57	21.55	21.28
		1	8	21.57	21.52	21.25
		1	14	21.54	21.56	21.25
		8	0	20.52	20.56	20.25
		8	4	20.47	20.57	20.28
		8	7	20.52	20.56	20.27
		15	0	20.50	20.51	20.22
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175
5MHz	QPSK	1	0	23.30	23.36	23.35
		1	13	23.34	23.39	23.36
		1	24	23.34	23.37	23.35
		12	0	22.42	22.49	22.52
		12	6	22.46	22.45	22.51
		12	13	22.45	22.48	22.50
		25	0	22.45	22.44	22.47
	16QAM	1	0	22.42	22.45	22.43
		1	13	22.41	22.46	22.42
		1	24	22.39	22.50	22.43
		12	0	21.48	21.72	21.59
		12	6	21.53	21.72	21.57
		12	13	21.55	21.73	21.60
		25	0	21.53	21.73	21.58
	64QAM	1	0	21.49	21.69	21.62
		1	13	21.54	21.73	21.57
		1	24	21.49	21.72	21.62
		12	0	20.47	20.69	20.52
		12	6	20.43	20.71	20.57
		12	13	20.43	20.75	20.54
		25	0	20.43	20.71	20.58
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18650	18900	19150
10MHz	QPSK	1	0	23.32	23.38	23.37
		1	25	23.35	23.40	23.40
		1	49	23.34	23.38	23.40
		25	0	22.43	22.56	22.47
		25	12	22.42	22.54	22.46
		25	25	22.42	22.53	22.45
		50	0	22.41	22.54	22.49
	16QAM	1	0	22.38	22.55	22.48

		1	25	22.34	22.58	22.49
		1	49	22.36	22.55	22.49
		25	0	21.52	21.63	21.68
		25	12	21.47	21.63	21.64
		25	25	21.50	21.65	21.68
		50	0	21.48	21.61	21.70
	64QAM	1	0	21.44	21.57	21.65
		1	25	21.44	21.54	21.67
		1	49	21.41	21.57	21.68
		25	0	20.44	20.55	20.71
		25	12	20.48	20.51	20.67
		25	25	20.44	20.50	20.69
		50	0	20.42	20.48	20.72
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18675	18900	19125
15MHz	QPSK	1	0	23.36	23.37	23.31
		1	37	23.37	23.39	23.36
		1	74	23.37	23.37	23.35
		36	0	22.39	22.46	22.42
		36	20	22.43	22.49	22.41
		36	39	22.47	22.52	22.44
		75	0	22.51	22.57	22.47
	16QAM	1	0	22.50	22.59	22.47
		1	37	22.53	22.63	22.50
		1	74	22.50	22.61	22.50
		36	0	21.60	21.87	21.61
		36	20	21.62	21.91	21.58
		36	39	21.63	21.91	21.54
		75	0	21.60	21.93	21.49
	64QAM	1	0	21.61	21.92	21.49
		1	37	21.63	21.89	21.45
		1	74	21.60	21.88	21.49
		36	0	20.53	20.84	20.47
		36	20	20.52	20.83	20.48
		36	39	20.49	20.83	20.48
		75	0	20.47	20.81	20.52
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18700	18900	19100
20MHz	QPSK	1	0	23.37	23.41	23.38
		1	50	23.37	23.43	23.38

		1	99	23.33	23.40	23.34
		50	0	22.47	22.53	22.38
		50	25	22.46	22.48	22.41
		50	50	22.46	22.47	22.39
		100	0	22.45	22.49	22.37
	16QAM	1	0	22.40	22.49	22.42
		1	50	22.37	22.46	22.42
		1	99	22.42	22.46	22.40
		50	0	21.67	21.70	21.57
		50	25	21.63	21.75	21.62
		50	50	21.64	21.80	21.64
		100	0	21.63	21.84	21.65
	64QAM	1	0	21.60	21.81	21.69
		1	50	21.56	21.84	21.65
		1	99	21.58	21.81	21.69
		50	0	20.49	20.77	20.59
		50	25	20.45	20.75	20.59
		50	50	20.41	20.71	20.61
		100	0	20.42	20.74	20.57

LTE Band 4

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19957	20175	20393
1.4MHz	QPSK	1	0	23.12	23.19	23.22
		1	3	23.15	23.21	23.27
		1	5	23.14	23.21	23.25
		3	0	22.34	22.28	22.36
		3	1	22.31	22.25	22.33
		3	3	22.33	22.25	22.36
		6	0	22.33	22.27	22.35
	16QAM	1	0	22.34	22.23	22.31
		1	3	22.31	22.20	22.34
		1	5	22.26	22.22	22.35
		3	0	21.43	21.43	21.58
		3	1	21.45	21.47	21.56
		3	3	21.44	21.46	21.60
		6	0	21.45	21.45	21.56
	64QAM	1	0	21.46	21.40	21.57
		1	3	21.43	21.39	21.61
		1	5	21.45	21.38	21.64
		3	0	20.41	20.41	20.56
		3	1	20.44	20.39	20.60
		3	3	20.42	20.38	20.56
		6	0	20.42	20.37	20.57
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19965	20175	20385
3MHz	QPSK	1	0	23.12	23.23	23.25
		1	8	23.16	23.24	23.28
		1	14	23.14	23.20	23.28
		8	0	22.17	22.39	22.39
		8	4	22.21	22.38	22.36
		8	7	22.18	22.33	22.40
		15	0	22.16	22.37	22.37
	16QAM	1	0	22.18	22.36	22.42
		1	8	22.18	22.41	22.43
		1	14	22.14	22.39	22.48
		8	0	21.32	21.55	21.49
		8	4	21.26	21.60	21.52
		8	7	21.23	21.63	21.51
		15	0	21.27	21.66	21.51

	64QAM	1	0	21.23	21.61	21.52
		1	8	21.20	21.66	21.54
		1	14	21.17	21.61	21.54
		8	0	20.18	20.62	20.51
		8	4	20.15	20.67	20.55
		8	7	20.20	20.70	20.54
		15	0	20.23	20.72	20.52
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375
5MHz	QPSK	1	0	23.16	23.19	23.29
		1	13	23.19	23.20	23.30
		1	24	23.19	23.16	23.28
		12	0	22.36	22.40	22.34
		12	6	22.31	22.42	22.39
		12	13	22.34	22.37	22.36
		25	0	22.29	22.41	22.38
	16QAM	1	0	22.25	22.41	22.38
		1	13	22.24	22.37	22.40
		1	24	22.28	22.35	22.35
		12	0	21.41	21.55	21.50
		12	6	21.39	21.58	21.46
		12	13	21.35	21.62	21.49
		25	0	21.35	21.63	21.45
	64QAM	1	0	21.39	21.65	21.44
		1	13	21.44	21.66	21.46
		1	24	21.41	21.65	21.46
		12	0	20.41	20.56	20.42
		12	6	20.39	20.61	20.46
		12	13	20.40	20.60	20.46
		25	0	20.43	20.60	20.48
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20000	20175	20350
10MHz	QPSK	1	0	23.20	23.13	23.21
		1	25	23.20	23.17	23.25
		1	49	23.18	23.14	23.25
		25	0	22.37	22.29	22.27
		25	12	22.38	22.28	22.28
		25	25	22.43	22.24	22.26
		50	0	22.40	22.19	22.27
	16QAM	1	0	22.44	22.16	22.25

		1	25	22.46	22.19	22.29
		1	49	22.47	22.18	22.34
		25	0	21.72	21.35	21.48
		25	12	21.71	21.37	21.46
		25	25	21.70	21.36	21.46
		50	0	21.65	21.36	21.41
	64QAM	1	0	21.64	21.36	21.39
		1	25	21.62	21.32	21.34
		1	49	21.64	21.31	21.37
		25	0	20.67	20.24	20.38
		25	12	20.62	20.24	20.38
		25	25	20.62	20.28	20.41
		50	0	20.62	20.27	20.43
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20025	20175	20325
15MHz	QPSK	1	0	23.13	23.21	23.25
		1	37	23.17	23.21	23.28
		1	74	23.15	23.18	23.27
		36	0	22.22	22.20	22.44
		36	20	22.22	22.21	22.48
		36	39	22.21	22.22	22.43
		75	0	22.20	22.18	22.44
	16QAM	1	0	22.22	22.22	22.41
		1	37	22.19	22.18	22.38
		1	74	22.16	22.19	22.43
		36	0	21.38	21.33	21.66
		36	20	21.33	21.37	21.70
		36	39	21.29	21.40	21.71
		75	0	21.34	21.44	21.71
	64QAM	1	0	21.36	21.42	21.69
		1	37	21.37	21.43	21.74
		1	74	21.42	21.41	21.69
		36	0	20.34	20.38	20.70
		36	20	20.29	20.42	20.67
		36	39	20.32	20.45	20.68
		75	0	20.33	20.43	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20050	20175	20300
20MHz	QPSK	1	0	23.19	23.21	23.18
		1	50	23.20	23.25	23.23

		1	99	23.15	23.25	23.23
		50	0	22.20	22.31	22.26
		50	25	22.17	22.35	22.27
		50	50	22.12	22.35	22.26
		100	0	22.14	22.34	22.21
	16QAM	1	0	22.18	22.33	22.24
		1	50	22.17	22.35	22.20
		1	99	22.21	22.37	22.16
		50	0	21.34	21.58	21.40
		50	25	21.30	21.62	21.34
		50	50	21.30	21.66	21.31
		100	0	21.27	21.65	21.29
	64QAM	1	0	21.24	21.66	21.30
		1	50	21.28	21.64	21.32
		1	99	21.27	21.61	21.35
		50	0	20.24	20.57	20.30
		50	25	20.25	20.60	20.29
		50	50	20.20	20.63	20.33
		100	0	20.24	20.65	20.36

LTE Band 5

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20407	20525	20643
1.4MHz	QPSK	1	0	23.11	23.09	23.13
		1	3	23.12	23.14	23.14
		1	5	23.10	23.12	23.13
		3	0	22.31	22.24	22.30
		3	1	22.33	22.23	22.28
		3	3	22.38	22.24	22.29
		6	0	22.33	22.25	22.32
	16QAM	1	0	22.30	22.27	22.35
		1	3	22.29	22.22	22.32
		1	5	22.34	22.27	22.30
		3	0	21.34	21.45	21.34
		3	1	21.32	21.43	21.37
		3	3	21.31	21.38	21.39
		6	0	21.27	21.37	21.38
	64QAM	1	0	21.27	21.37	21.36
		1	3	21.25	21.35	21.34
		1	5	21.24	21.37	21.33
		3	0	20.23	20.32	20.32
		3	1	20.21	20.31	20.35
		3	3	20.19	20.26	20.34
		6	0	20.21	20.22	20.31
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20415	20525	20635
3MHz	QPSK	1	0	23.09	23.09	23.15
		1	8	23.14	23.13	23.19
		1	14	23.13	23.09	23.14
		8	0	22.24	22.33	22.16
		8	4	22.27	22.30	22.15
		8	7	22.30	22.29	22.17
		15	0	22.28	22.29	22.15
	16QAM	1	0	22.28	22.24	22.16
		1	8	22.25	22.29	22.17
		1	14	22.24	22.27	22.16
		8	0	21.29	21.32	21.35
		8	4	21.34	21.26	21.32
		8	7	21.36	21.31	21.35
		15	0	21.34	21.28	21.37

	64QAM	1	0	21.29	21.31	21.34
		1	8	21.24	21.29	21.30
		1	14	21.21	21.25	21.27
		8	0	20.23	20.16	20.17
		8	4	20.21	20.17	20.21
		8	7	20.24	20.18	20.20
		15	0	20.19	20.16	20.16
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20425	20525	20625
5MHz	QPSK	1	0	23.10	23.10	23.10
		1	13	23.11	23.14	23.14
		1	24	23.06	23.12	23.09
		12	0	22.12	22.35	22.31
		12	6	22.07	22.36	22.30
		12	13	22.04	22.39	22.33
		25	0	22.05	22.35	22.36
	16QAM	1	0	22.07	22.37	22.36
		1	13	22.06	22.32	22.35
		1	24	22.08	22.29	22.37
		12	0	21.27	21.40	21.50
		12	6	21.29	21.34	21.51
		12	13	21.28	21.30	21.48
		25	0	21.28	21.26	21.52
	64QAM	1	0	21.29	21.28	21.47
		1	13	21.33	21.24	21.51
		1	24	21.38	21.25	21.55
		12	0	20.34	20.25	20.55
		12	6	20.30	20.23	20.56
		12	13	20.27	20.22	20.53
		25	0	20.26	20.24	20.57
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20450	20525	20600
10MHz	QPSK	1	0	23.11	23.18	23.09
		1	25	23.11	23.18	23.12
		1	49	23.08	23.17	23.11
		25	0	22.26	22.21	22.29
		25	12	22.28	22.18	22.27
		25	25	22.23	22.20	22.31
		50	0	22.26	22.18	22.26
		1	0	22.26	22.16	22.27
	16QAM	1	0	22.26	22.16	22.27

		1	25	22.28	22.20	22.27
		1	49	22.25	22.16	22.24
		25	0	21.44	21.23	21.40
		25	12	21.42	21.29	21.43
		25	25	21.40	21.32	21.38
		50	0	21.40	21.31	21.37
	64QAM	1	0	21.36	21.35	21.37
		1	25	21.39	21.37	21.36
		1	49	21.35	21.34	21.38
		25	0	20.36	20.27	20.34
		25	12	20.31	20.23	20.31
		25	25	20.30	20.18	20.31
		50	0	20.28	20.13	20.34

LTE Band 7

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20775	21100	21425
5MHz	QPSK	1	0	23.38	23.37	23.42
		1	13	23.42	23.39	23.46
		1	24	23.41	23.36	23.44
		12	0	22.59	22.51	22.48
		12	6	22.55	22.48	22.45
		12	13	22.52	22.49	22.43
		25	0	22.50	22.52	22.47
	16QAM	1	0	22.49	22.54	22.48
		1	13	22.45	22.51	22.46
		1	24	22.40	22.53	22.43
		12	0	21.58	21.68	21.54
		12	6	21.60	21.74	21.56
		12	13	21.59	21.73	21.51
		25	0	21.54	21.78	21.52
	64QAM	1	0	21.55	21.83	21.48
		1	13	21.52	21.83	21.52
		1	24	21.55	21.85	21.50
		12	0	20.55	20.85	20.48
		12	6	20.53	20.88	20.45
		12	13	20.52	20.86	20.48
		25	0	20.49	20.82	20.46
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20800	21100	21400
10MHz	QPSK	1	0	23.41	23.37	23.47
		1	25	23.44	23.40	23.48
		1	49	23.44	23.37	23.45
		25	0	22.68	22.50	22.55
		25	12	22.72	22.55	22.58
		25	25	22.67	22.51	22.60
		50	0	22.64	22.55	22.59
	16QAM	1	0	22.63	22.54	22.63
		1	25	22.67	22.56	22.67
		1	49	22.63	22.54	22.64
		25	0	21.84	21.77	21.67
		25	12	21.81	21.73	21.72
		25	25	21.84	21.75	21.68
		50	0	21.88	21.74	21.63

	64QAM	1	0	21.90	21.78	21.58
		1	25	21.91	21.81	21.63
		1	49	21.95	21.81	21.63
		25	0	20.86	20.71	20.56
		25	12	20.86	20.66	20.57
		25	25	20.90	20.64	20.57
		50	0	20.86	20.65	20.62
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20825	21100	21375
15MHz	QPSK	1	0	23.40	23.44	23.42
		1	37	23.41	23.45	23.45
		1	74	23.37	23.41	23.43
		36	0	22.59	22.44	22.43
		36	20	22.57	22.42	22.46
		36	39	22.53	22.47	22.48
		75	0	22.54	22.44	22.53
	16QAM	1	0	22.58	22.47	22.51
		1	37	22.59	22.45	22.47
		1	74	22.62	22.48	22.48
		36	0	21.87	21.63	21.63
		36	20	21.91	21.57	21.64
		36	39	21.95	21.56	21.62
		75	0	21.91	21.58	21.65
	64QAM	1	0	21.91	21.55	21.66
		1	37	21.92	21.55	21.70
		1	74	21.89	21.53	21.68
		36	0	20.86	20.48	20.64
		36	20	20.84	20.51	20.60
		36	39	20.84	20.47	20.56
		75	0	20.83	20.48	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20850	21100	21350
20MHz	QPSK	1	0	23.41	23.42	23.40
		1	50	23.43	23.47	23.42
		1	99	23.41	23.43	23.37
		50	0	22.47	22.59	22.59
		50	25	22.48	22.62	22.63
		50	50	22.51	22.58	22.61
		100	0	22.49	22.56	22.65
	16QAM	1	0	22.45	22.58	22.67

		1	50	22.43	22.60	22.64
		1	99	22.47	22.57	22.64
		50	0	21.64	21.61	21.84
		50	25	21.64	21.55	21.78
		50	50	21.68	21.55	21.75
		100	0	21.68	21.50	21.73
	64QAM	1	0	21.67	21.54	21.71
		1	50	21.67	21.58	21.75
		1	99	21.67	21.56	21.74
		50	0	20.65	20.51	20.73
		50	25	20.64	20.54	20.77
		50	50	20.69	20.52	20.74
		100	0	20.70	20.48	20.72

LTE Band 13

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				23205	23230	23255
5MHz	QPSK	1	0	23.28	23.25	23.27
		1	13	23.30	23.29	23.30
		1	24	23.28	23.28	23.27
		12	0	22.48	22.38	22.29
		12	6	22.48	22.37	22.32
		12	13	22.50	22.32	22.31
		25	0	22.51	22.28	22.36
	16QAM	1	0	22.50	22.27	22.35
		1	13	22.53	22.29	22.38
		1	24	22.55	22.33	22.36
		12	0	21.77	21.43	21.49
		12	6	21.74	21.42	21.50
		12	13	21.78	21.47	21.50
		25	0	21.79	21.48	21.48
	64QAM	1	0	21.77	21.50	21.47
		1	13	21.78	21.54	21.51
		1	24	21.74	21.50	21.53
		12	0	20.65	20.50	20.48
		12	6	20.69	20.48	20.47
		12	13	20.66	20.46	20.46
		25	0	20.67	20.51	20.49
Bandwidth	Modulation	RB size	RB offset	Channel		
				23230		
10MHz	QPSK	1	0	23.27		
		1	25	23.30		
		1	49	23.28		
		25	0	22.46		
		25	12	22.46		
		25	25	22.45		
		50	0	22.45		
	16QAM	1	0	22.46		
		1	25	22.45		
		1	49	22.50		
		25	0	21.76		
		25	12	21.73		
		25	25	21.71		
		50	0	21.70		

	64QAM	1	0	21.67
		1	25	21.64
		1	49	21.62
		25	0	20.59
		25	12	20.62
		25	25	20.63
		50	0	20.60

LTE Band 26

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26697	26865	27033
1.4MHz	QPSK	1	0	23.16	23.07	23.01
		1	13	23.19	23.11	23.04
		1	24	23.14	23.10	23.00
		12	0	22.19	22.19	22.19
		12	6	22.17	22.15	22.23
		12	13	22.13	22.18	22.24
		25	0	22.15	22.15	22.23
	16QAM	1	0	22.16	22.12	22.25
		1	13	22.18	22.09	22.26
		1	24	22.22	22.08	22.23
		12	0	21.28	21.11	21.26
		12	6	21.26	21.10	21.24
		12	13	21.22	21.07	21.23
		25	0	21.17	21.03	21.27
	64QAM	1	0	21.14	21.01	21.31
		1	13	21.10	21.05	21.32
		1	24	21.13	21.01	21.36
		12	0	20.14	19.95	20.35
		12	6	20.17	19.98	20.40
		12	13	20.17	19.98	20.43
		25	0	20.19	19.99	20.39
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26705	26865	27025
3MHz	QPSK	1	0	23.19	23.14	23.15
		1	13	23.19	23.15	23.17
		1	24	23.16	23.12	23.12
		12	0	22.41	22.16	22.24
		12	6	22.40	22.21	22.24
		12	13	22.42	22.25	22.24
		25	0	22.39	22.30	22.19
	16QAM	1	0	22.38	22.28	22.22
		1	13	22.42	22.27	22.18
		1	24	22.43	22.31	22.17
		12	0	21.69	21.51	21.23
		12	6	21.67	21.49	21.18
		12	13	21.65	21.51	21.16
		25	0	21.63	21.53	21.19
	64QAM	1	0	21.63	21.52	21.19
		1	13	21.67	21.53	21.17

		1	24	21.68	21.54	21.16
		12	0	20.67	20.48	20.16
		12	6	20.69	20.49	20.15
		12	13	20.67	20.53	20.15
		25	0	20.63	20.51	20.18
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26715	26865	27015
5MHz	QPSK	1	0	23.19	23.06	23.09
		1	13	23.20	23.09	23.10
		1	24	23.19	23.09	23.07
		12	0	22.24	22.17	22.08
		12	6	22.20	22.17	22.12
		12	13	22.25	22.16	22.09
		25	0	22.26	22.21	22.11
	16QAM	1	0	22.30	22.24	22.07
		1	13	22.26	22.28	22.10
		1	24	22.26	22.24	22.07
		12	0	21.35	21.34	21.18
		12	6	21.30	21.37	21.20
		12	13	21.29	21.35	21.17
		25	0	21.25	21.39	21.20
	64QAM	1	0	21.23	21.37	21.19
		1	13	21.24	21.40	21.17
		1	24	21.24	21.42	21.19
		12	0	20.21	20.37	20.13
		12	6	20.24	20.42	20.13
		12	13	20.26	20.38	20.16
		25	0	20.26	20.33	20.12
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26740	26865	26990
10MHz	QPSK	1	0	23.18	23.17	23.15
		1	25	23.18	23.19	23.18
		1	49	23.18	23.14	23.15
		25	0	22.23	22.16	22.35
		25	12	22.19	22.19	22.30
		25	25	22.16	22.19	22.33
		50	0	22.14	22.22	22.28
	16QAM	1	0	22.15	22.24	22.29
		1	25	22.18	22.24	22.29
		1	49	22.23	22.28	22.25
		25	0	21.41	21.43	21.46

		25	12	21.40	21.45	21.43
		25	25	21.39	21.47	21.42
		50	0	21.37	21.49	21.46
	64QAM	1	0	21.41	21.45	21.46
		1	25	21.38	21.41	21.42
		1	49	21.39	21.38	21.44
		25	0	20.40	20.41	20.47
		25	12	20.39	20.40	20.48
		25	25	20.39	20.39	20.52
		50	0	20.37	20.42	20.55
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26765	26865	26965
15MHz	QPSK	1	0	23.13	23.19	23.19
		1	50	23.17	23.22	23.21
		1	99	23.13	23.21	23.16
		50	0	22.33	22.38	22.34
		50	25	22.35	22.40	22.34
		50	50	22.37	22.38	22.33
		100	0	22.33	22.34	22.36
	16QAM	1	0	22.35	22.33	22.33
		1	50	22.36	22.36	22.35
		1	99	22.35	22.35	22.32
		50	0	21.43	21.39	21.50
		50	25	21.47	21.39	21.49
		50	50	21.45	21.42	21.52
		100	0	21.45	21.40	21.51
	64QAM	1	0	21.48	21.41	21.50
		1	50	21.49	21.41	21.49
		1	99	21.49	21.39	21.47
		50	0	20.52	20.29	20.37
		50	25	20.53	20.24	20.35
		50	50	20.53	20.26	20.38
		100	0	20.52	20.22	20.35

LTE Band 38

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37775	38000	38225
5MHz	QPSK	1	0	23.54	23.58	23.60
		1	13	23.59	23.59	23.61
		1	24	23.57	23.55	23.60
		12	0	22.73	22.65	22.79
		12	6	22.71	22.63	22.77
		12	13	22.68	22.65	22.76
		25	0	22.69	22.68	22.77
	16QAM	1	0	22.68	22.67	22.75
		1	13	22.73	22.64	22.71
		1	24	22.69	22.64	22.69
		12	0	21.74	21.77	21.84
		12	6	21.69	21.78	21.79
		12	13	21.70	21.76	21.82
		25	0	21.69	21.78	21.84
	64QAM	1	0	21.65	21.83	21.79
		1	13	21.61	21.80	21.84
		1	24	21.63	21.84	21.85
		12	0	20.59	20.81	20.82
		12	6	20.61	20.81	20.78
		12	13	20.65	20.80	20.74
		25	0	20.67	20.81	20.72
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37800	38000	38200
10MHz	QPSK	1	0	23.59	23.56	23.57
		1	25	23.63	23.57	23.61
		1	49	23.61	23.57	23.60
		25	0	22.77	22.62	22.73
		25	12	22.77	22.58	22.71
		25	25	22.75	22.57	22.68
		50	0	22.78	22.60	22.73
	16QAM	1	0	22.77	22.64	22.71
		1	25	22.74	22.65	22.75
		1	49	22.73	22.66	22.74
		25	0	21.93	21.86	21.85
		25	12	21.94	21.86	21.91
		25	25	21.92	21.81	21.91
		50	0	21.93	21.82	21.93

	64QAM	1	0	21.91	21.82	21.92
		1	25	21.94	21.87	21.92
		1	49	21.91	21.88	21.92
		25	0	20.92	20.90	20.84
		25	12	20.90	20.95	20.87
		25	25	20.88	20.95	20.90
		50	0	20.90	20.91	20.89
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37825	38000	38175
15MHz	QPSK	1	0	23.53	23.60	23.56
		1	37	23.58	23.60	23.56
		1	74	23.55	23.58	23.52
		36	0	22.74	22.71	22.73
		36	20	22.75	22.69	22.71
		36	39	22.75	22.69	22.71
		75	0	22.73	22.67	22.72
	16QAM	1	0	22.77	22.70	22.77
		1	37	22.76	22.68	22.75
		1	74	22.77	22.71	22.75
		36	0	21.90	21.97	21.97
		36	20	21.89	22.00	21.97
		36	39	21.84	22.00	21.95
		75	0	21.81	21.96	21.97
	64QAM	1	0	21.76	21.96	21.99
		1	37	21.80	22.00	21.95
		1	74	21.75	22.01	21.96
		36	0	20.75	20.93	20.86
		36	20	20.77	20.89	20.88
		36	39	20.78	20.92	20.84
		75	0	20.73	20.96	20.79
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37850	38000	38150
20MHz	QPSK	1	0	23.61	23.59	23.59
		1	50	23.62	23.63	23.61
		1	99	23.57	23.60	23.57
		50	0	22.69	22.67	22.78
		50	25	22.72	22.66	22.75
		50	50	22.71	22.62	22.77
		100	0	22.71	22.59	22.80
		1	0	22.68	22.58	22.79
	16QAM	1	0	22.68	22.58	22.79

		1	50	22.66	22.53	22.80
		1	99	22.69	22.55	22.79
		50	0	21.91	21.57	21.95
		50	25	21.86	21.54	21.91
		50	50	21.86	21.56	21.87
		100	0	21.83	21.53	21.89
	64QAM	1	0	21.84	21.57	21.93
		1	50	21.79	21.53	21.93
		1	99	21.74	21.55	21.94
		50	0	20.65	20.49	20.86
		50	25	20.68	20.52	20.91
		50	50	20.67	20.57	20.88
		100	0	20.72	20.53	20.93

LTE Band 41

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40065	40640	41215
5MHz	QPSK	1	0	23.44	23.58	23.60
		1	13	23.48	23.62	23.64
		1	24	23.46	23.58	23.64
		12	0	22.47	22.65	22.84
		12	6	22.42	22.62	22.87
		12	13	22.39	22.67	22.84
		25	0	22.36	22.62	22.85
	16QAM	1	0	22.38	22.61	22.90
		1	13	22.39	22.60	22.89
		1	24	22.38	22.56	22.85
		12	0	21.55	21.66	21.94
		12	6	21.49	21.69	21.95
		12	13	21.52	21.65	21.95
		25	0	21.48	21.63	21.94
	64QAM	1	0	21.43	21.64	21.98
		1	13	21.40	21.66	22.02
		1	24	21.38	21.71	22.05
		12	0	20.32	20.62	21.07
		12	6	20.31	20.64	21.06
		12	13	20.32	20.66	21.02
		25	0	20.32	20.62	20.98
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40090	40640	41190
10MHz	QPSK	1	0	23.52	23.61	23.58
		1	25	23.53	23.63	23.62
		1	49	23.53	23.61	23.60
		25	0	22.55	22.78	22.79
		25	12	22.57	22.76	22.80
		25	25	22.52	22.76	22.78
		50	0	22.55	22.74	22.78
	16QAM	1	0	22.57	22.73	22.75
		1	25	22.57	22.76	22.71
		1	49	22.60	22.76	22.72
		25	0	21.77	21.77	21.96
		25	12	21.76	21.76	21.95
		25	25	21.76	21.79	21.97
		50	0	21.77	21.76	21.96

	64QAM	1	0	21.81	21.77	22.00
		1	25	21.84	21.72	21.97
		1	49	21.88	21.73	21.94
		25	0	20.88	20.67	20.92
		25	12	20.90	20.66	20.94
		25	25	20.95	20.64	20.96
		50	0	20.97	20.62	20.95
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40115	40640	41165
15MHz	QPSK	1	0	23.57	23.60	23.57
		1	37	23.58	23.64	23.58
		1	74	23.54	23.60	23.55
		36	0	22.60	22.70	22.76
		36	20	22.64	22.74	22.72
		36	39	22.62	22.72	22.71
		75	0	22.66	22.70	22.69
	16QAM	1	0	22.70	22.67	22.71
		1	37	22.72	22.70	22.74
		1	74	22.72	22.71	22.77
		36	0	21.74	21.74	21.97
		36	20	21.77	21.74	21.92
		36	39	21.82	21.78	21.90
		75	0	21.85	21.77	21.93
	64QAM	1	0	21.87	21.79	21.91
		1	37	21.86	21.84	21.89
		1	74	21.90	21.87	21.85
		36	0	20.83	20.82	20.77
		36	20	20.83	20.79	20.74
		36	39	20.79	20.82	20.69
		75	0	20.75	20.80	20.71
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40140	40640	41140
20MHz	QPSK	1	0	23.60	23.66	23.58
		1	50	23.61	23.67	23.61
		1	99	23.58	23.66	23.56
		50	0	22.70	22.78	22.57
		50	25	22.69	22.75	22.54
		50	50	22.65	22.77	22.49
		100	0	22.68	22.75	22.47
	16QAM	1	0	22.67	22.72	22.44

		1	50	22.69	22.69	22.41
		1	99	22.67	22.72	22.38
		50	0	21.82	21.92	21.39
		50	25	21.85	21.89	21.40
		50	50	21.89	21.91	21.43
		100	0	21.92	21.88	21.41
	64QAM	1	0	21.91	21.87	21.44
		1	50	21.86	21.90	21.44
		1	99	21.90	21.91	21.48
		50	0	20.87	20.83	20.49
		50	25	20.84	20.82	20.52
		50	50	20.82	20.80	20.54
		100	0	20.81	20.77	20.52

LTE Band 66

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19207	19575	19943
1.4MHz	QPSK	1	0	23.14	23.30	23.15
		1	3	23.14	23.30	23.17
		1	5	23.11	23.29	23.14
		3	0	22.36	22.35	22.23
		3	1	22.38	22.31	22.24
		3	3	22.40	22.32	22.20
		6	0	22.38	22.31	22.22
	16QAM	1	0	22.35	22.29	22.17
		1	3	22.37	22.27	22.19
		1	5	22.35	22.30	22.21
		3	0	21.56	21.47	21.43
		3	1	21.60	21.48	21.48
		3	3	21.59	21.46	21.46
		6	0	21.55	21.45	21.50
	64QAM	1	0	21.51	21.47	21.54
		1	3	21.53	21.48	21.54
		1	5	21.48	21.43	21.54
		3	0	20.51	20.35	20.46
		3	1	20.53	20.35	20.45
		3	3	20.53	20.33	20.47
		6	0	20.49	20.38	20.46
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19215	19575	19935
3MHz	QPSK	1	0	23.12	23.24	23.22
		1	8	23.16	23.27	23.22
		1	14	23.16	23.27	23.20
		8	0	22.26	22.34	22.20
		8	4	22.31	22.38	22.16
		8	7	22.31	22.33	22.20
		15	0	22.29	22.36	22.21
	16QAM	1	0	22.27	22.41	22.24
		1	8	22.22	22.46	22.21
		1	14	22.26	22.49	22.18
		8	0	21.27	21.68	21.29
		8	4	21.29	21.65	21.22
		8	7	21.27	21.61	21.17
		15	0	21.26	21.58	21.17

	64QAM	1	0	21.24	21.63	21.18
		1	8	21.24	21.67	21.20
		1	14	21.26	21.63	21.24
		8	0	20.18	20.56	20.18
		8	4	20.19	20.53	20.13
		8	7	20.23	20.51	20.12
		15	0	20.21	20.55	20.12
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19225	19575	19925
5MHz	QPSK	1	0	23.16	23.26	23.23
		1	13	23.21	23.28	23.24
		1	24	23.19	23.28	23.24
		12	0	22.20	22.41	22.49
		12	6	22.20	22.39	22.44
		12	13	22.16	22.35	22.42
		25	0	22.15	22.36	22.42
	16QAM	1	0	22.18	22.37	22.39
		1	13	22.21	22.34	22.41
		1	24	22.20	22.31	22.45
		12	0	21.30	21.44	21.56
		12	6	21.25	21.37	21.55
		12	13	21.24	21.32	21.58
		25	0	21.23	21.30	21.54
	64QAM	1	0	21.26	21.32	21.55
		1	13	21.27	21.31	21.55
		1	24	21.27	21.35	21.56
		12	0	20.21	20.30	20.53
		12	6	20.24	20.31	20.53
		12	13	20.27	20.28	20.58
		25	0	20.31	20.26	20.58
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19250	19575	19900
10MHz	QPSK	1	0	23.18	23.22	23.22
		1	25	23.19	23.24	23.24
		1	49	23.15	23.24	23.22
		25	0	22.30	22.33	22.38
		25	12	22.27	22.32	22.34
		25	25	22.30	22.34	22.32
		50	0	22.35	22.32	22.36
	16QAM	1	0	22.30	22.31	22.32

		1	25	22.32	22.34	22.29
		1	49	22.27	22.34	22.31
		25	0	21.30	21.49	21.36
		25	12	21.33	21.43	21.32
		25	25	21.34	21.38	21.34
		50	0	21.34	21.38	21.39
	64QAM	1	0	21.32	21.34	21.36
		1	25	21.31	21.30	21.32
		1	49	21.27	21.34	21.33
		25	0	20.21	20.26	20.28
		25	12	20.19	20.26	20.25
		25	25	20.15	20.24	20.26
		50	0	20.11	20.27	20.27
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19275	19575	19875
15MHz	QPSK	1	0	23.21	23.25	23.23
		1	37	23.21	23.29	23.24
		1	74	23.20	23.27	23.22
		36	0	22.43	22.51	22.31
		36	20	22.39	22.49	22.30
		36	39	22.42	22.44	22.29
		75	0	22.42	22.45	22.33
	16QAM	1	0	22.39	22.41	22.29
		1	37	22.41	22.37	22.25
		1	74	22.43	22.33	22.29
		36	0	21.55	21.40	21.48
		36	20	21.51	21.46	21.43
		36	39	21.54	21.41	21.39
		75	0	21.53	21.41	21.37
	64QAM	1	0	21.48	21.42	21.38
		1	37	21.48	21.40	21.37
		1	74	21.46	21.44	21.34
		36	0	20.46	20.42	20.34
		36	20	20.48	20.46	20.37
		36	39	20.48	20.50	20.33
		75	0	20.52	20.46	20.34
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19300	19575	19850
20MHz	QPSK	1	0	23.21	23.27	23.26
		1	50	23.26	23.30	23.29

		1	99	23.22	23.30	23.28
		50	0	22.36	22.34	22.32
		50	25	22.33	22.30	22.27
		50	50	22.28	22.31	22.32
		100	0	22.24	22.33	22.34
	16QAM	1	0	22.27	22.34	22.35
		1	50	22.23	22.36	22.30
		1	99	22.27	22.32	22.31
		50	0	21.46	21.33	21.36
		50	25	21.39	21.38	21.30
		50	50	21.43	21.36	21.34
		100	0	21.48	21.33	21.29
	64QAM	1	0	21.52	21.29	21.32
		1	50	21.50	21.30	21.27
		1	99	21.45	21.26	21.32
		50	0	20.37	20.18	20.31
		50	25	20.35	20.14	20.36
		50	50	20.31	20.19	20.33
		100	0	20.33	20.21	20.35

ANT1:
DS1

Band: GSM850	<u>Burst Average Power (dBm)</u>			<u>Frame Average Power (dBm)</u>		
<u>Channel</u>	128	190	251	128	190	251
<u>GSM (CS)</u>	28.80	28.71	28.71	19.80	19.71	19.71
<u>GPRS/EDGE (GMSK, 1 Tx slot)</u>	28.81	28.73	28.71	19.81	19.73	19.71
<u>GPRS/EDGE (GMSK, 2 Tx slots)</u>	25.84	25.78	25.77	19.84	19.78	19.77
<u>GPRS/EDGE (GMSK, 3 Tx slots)</u>	23.79	23.75	23.75	19.53	19.49	19.49
<u>GPRS/EDGE (GMSK, 4 Tx slots)</u>	22.70	22.66	22.66	19.70	19.66	19.66
<u>EDGE (8PSK, 1 Tx slot)</u>	26.56	26.38	26.32	17.56	17.38	17.32
<u>EDGE (8PSK, 2 Tx slots)</u>	24.71	24.65	24.64	18.71	18.65	18.64
<u>EDGE (8PSK, 3 Tx slots)</u>	22.67	22.62	22.55	18.41	18.36	18.29
<u>EDGE (8PSK, 4 Tx slots)</u>	21.22	21.18	21.12	18.22	18.18	18.12

Band: DCS1900	Burst Average Power (dBm)			Frame Average Power (dBm)		
Channel	513	661	810	513	661	810
GSM (CS)	25.88	25.81	25.65	16.88	16.81	16.65
GPRS/EDGE (GMSK, 1 Tx slot)	25.88	25.80	25.63	16.88	16.80	16.63
GPRS/EDGE (GMSK, 2 Tx slots)	22.93	22.84	22.67	16.93	16.84	16.67
GPRS/EDGE (GMSK, 3 Tx slots)	20.95	20.84	20.68	16.69	16.58	16.42
GPRS/EDGE (GMSK, 4 Tx slots)	19.90	19.79	19.59	16.90	16.79	16.59
EDGE (8PSK, 1 Tx slot)	25.49	25.38	25.24	16.49	16.38	16.24
EDGE (8PSK, 2 Tx slots)	23.79	23.66	23.46	17.79	17.66	17.46
EDGE (8PSK, 3 Tx slots)	21.92	21.78	21.54	17.66	17.52	17.28
EDGE (8PSK, 4 Tx slots)	20.50	20.35	20.24	17.50	17.35	17.24

UMTS Band II		Conducted Power (dBm)		
		9262	9400	9538
WCDMA	12.2kbps RMC	16.53	16.58	16.68
	64kbps RMC	16.31	16.49	16.64
	144kbps RMC	16.29	16.46	16.67
	384kbps RMC	16.27	16.50	16.64
HSDPA	Subtest 1	15.57	15.69	15.66
	Subtest 2	15.19	15.20	15.13
	Subtest 3	15.09	15.11	15.08
	Subtest 4	15.04	15.05	15.07
HSUPA	Subtest 1	14.67	14.66	14.68
	Subtest 2	15.09	15.09	15.13
	Subtest 3	15.64	15.61	15.64
	Subtest 4	14.67	14.73	14.74
	Subtest 5	16.64	16.61	16.12

UMTS Band IV		Conducted Power (dBm)		
		1312	1412	1513
WCDMA	12.2kbps RMC	17.67	17.67	17.66
	64kbps RMC	17.60	17.62	17.61
	144kbps RMC	17.62	17.54	17.66
	384kbps RMC	17.65	17.66	17.66
HSDPA	Subtest 1	16.67	16.68	16.65
	Subtest 2	16.23	16.25	16.28
	Subtest 3	16.20	16.18	16.20
	Subtest 4	16.16	16.19	16.16
HSUPA	Subtest 1	14.76	15.21	15.22
	Subtest 2	15.70	15.69	15.72
	Subtest 3	16.23	16.23	16.22
	Subtest 4	15.25	15.24	15.21
	Subtest 5	17.22	17.20	17.19

UMTS Band V		Conducted Power (dBm)		
		4133	4175	4232
WCDMA	12.2kbps RMC	20.73	20.66	20.67
	64kbps RMC	20.66	20.61	20.62
	144kbps RMC	20.68	20.54	20.67
	384kbps RMC	20.72	20.65	20.67
HSDPA	Subtest 1	19.9	19.85	19.84
	Subtest 2	19.38	19.34	19.29
	Subtest 3	19.34	19.28	19.3
	Subtest 4	19.52	19.46	19.44
HSUPA	Subtest 1	18.08	18.55	18.5
	Subtest 2	18.92	18.88	18.85
	Subtest 3	19.3	19.25	19.22
	Subtest 4	18.5	18.48	18.44
	Subtest 5	20.38	20.32	20.28

LTE Band 2

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18607	18900	19193
1.4MHz	QPSK	1	0	17.08	17.04	17.02
		1	3	17.10	17.08	17.04
		1	5	17.05	17.06	17.04
		3	0	16.08	16.17	16.17
		3	1	16.11	16.18	16.21
		3	3	16.15	16.19	16.18
		6	0	16.15	16.22	16.23
	16QAM	1	0	16.17	16.27	16.18
		1	3	16.15	16.30	16.15
		1	5	16.15	16.30	16.16
		3	0	15.28	15.48	15.25
		3	1	15.23	15.49	15.19
		3	3	15.22	15.52	15.19
		6	0	15.19	15.52	15.18
	64QAM	1	0	15.19	15.48	15.17
		1	3	15.23	15.46	15.20
		1	5	15.19	15.48	15.16
		3	0	14.13	14.38	14.12
		3	1	14.12	14.36	14.15
		3	3	14.14	14.33	14.12
		6	0	14.12	14.37	14.09
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18615	18900	19185
3MHz	QPSK	1	0	17.09	17.07	17.08
		1	8	17.14	17.08	17.10
		1	14	17.13	17.05	17.05
		8	0	16.32	16.12	16.17
		8	4	16.33	16.12	16.13
		8	7	16.33	16.17	16.17
		15	0	16.36	16.16	16.13
	16QAM	1	0	16.40	16.20	16.16
		1	8	16.39	16.22	16.13
		1	14	16.43	16.24	16.09
		8	0	15.63	15.35	15.11
		8	4	15.60	15.36	15.13
		8	7	15.59	15.41	15.13
		15	0	15.59	15.38	15.12

	64QAM	1	0	15.61	15.34	15.15
		1	8	15.63	15.39	15.14
		1	14	15.63	15.35	15.11
		8	0	14.55	14.35	14.13
		8	4	14.52	14.35	14.15
		8	7	14.47	14.38	14.16
		15	0	14.49	14.38	14.13
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175
5MHz	QPSK	1	0	17.13	17.04	17.11
		1	13	17.17	17.09	17.15
		1	24	17.15	17.08	17.12
		12	0	16.23	16.22	16.35
		12	6	16.28	16.19	16.40
		12	13	16.25	16.17	16.39
		25	0	16.22	16.13	16.40
	16QAM	1	0	16.25	16.08	16.41
		1	13	16.23	16.11	16.45
		1	24	16.25	16.13	16.43
		12	0	15.28	15.16	15.52
		12	6	15.31	15.19	15.55
		12	13	15.36	15.16	15.52
		25	0	15.41	15.19	15.49
	64QAM	1	0	15.44	15.16	15.46
		1	13	15.39	15.19	15.50
		1	24	15.40	15.19	15.48
		12	0	14.33	14.22	14.41
		12	6	14.35	14.17	14.44
		12	13	14.34	14.20	14.48
		25	0	14.37	14.20	14.53
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18650	18900	19150
10MHz	QPSK	1	0	17.10	17.10	17.07
		1	25	17.12	17.13	17.10
		1	49	17.11	17.09	17.07
		25	0	16.27	16.21	16.18
		25	12	16.22	16.18	16.17
		25	25	16.18	16.22	16.15
		50	0	16.16	16.27	16.13
	16QAM	1	0	16.12	16.30	16.13

		1	25	16.15	16.28	16.14
		1	49	16.18	16.24	16.17
		25	0	15.26	15.31	15.32
		25	12	15.21	15.32	15.31
		25	25	15.21	15.28	15.33
		50	0	15.26	15.28	15.37
	64QAM	1	0	15.25	15.26	15.38
		1	25	15.27	15.29	15.41
		1	49	15.23	15.27	15.37
		25	0	14.15	14.20	14.36
		25	12	14.18	14.19	14.34
		25	25	14.19	14.17	14.34
		50	0	14.22	14.14	14.31
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18675	18900	19125
15MHz	QPSK	1	0	17.07	17.11	17.07
		1	37	17.10	17.11	17.12
		1	74	17.08	17.08	17.07
		36	0	16.24	16.18	16.30
		36	20	16.23	16.19	16.30
		36	39	16.23	16.20	16.34
		75	0	16.26	16.24	16.38
	16QAM	1	0	16.29	16.23	16.38
		1	37	16.31	16.25	16.36
		1	74	16.35	16.23	16.39
		36	0	15.35	15.31	15.49
		36	20	15.37	15.25	15.46
		36	39	15.33	15.28	15.44
		75	0	15.32	15.26	15.44
	64QAM	1	0	15.31	15.23	15.47
		1	37	15.30	15.28	15.44
		1	74	15.33	15.25	15.39
		36	0	14.35	14.27	14.34
		36	20	14.38	14.22	14.34
		36	39	14.34	14.25	14.38
		75	0	14.31	14.22	14.35
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18700	18900	19100
20MHz	QPSK	1	0	17.14	17.16	17.10
		1	50	17.14	17.17	17.12

		1	99	17.14	17.13	17.12
		50	0	16.22	16.34	16.20
		50	25	16.24	16.33	16.24
		50	50	16.27	16.29	16.24
		100	0	16.25	16.27	16.24
	16QAM	1	0	16.25	16.30	16.19
		1	50	16.22	16.32	16.16
		1	99	16.26	16.29	16.13
		50	0	15.40	15.46	15.33
		50	25	15.39	15.39	15.34
		50	50	15.35	15.39	15.32
		100	0	15.35	15.34	15.31
	64QAM	1	0	15.33	15.36	15.28
		1	50	15.35	15.36	15.33
		1	99	15.32	15.37	15.33
		50	0	14.33	14.31	14.32
		50	25	14.29	14.32	14.32
		50	50	14.31	14.30	14.36
		100	0	14.33	14.27	14.37

LTE Band 4

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19957	20175	20393
1.4MHz	QPSK	1	0	18.10	18.07	17.99
		1	3	18.14	18.09	18.01
		1	5	18.13	18.08	18.00
		3	0	17.16	17.31	17.13
		3	1	17.15	17.28	17.13
		3	3	17.17	17.30	17.17
		6	0	17.16	17.32	17.15
	16QAM	1	0	17.17	17.35	17.16
		1	3	17.21	17.32	17.20
		1	5	17.26	17.28	17.15
		3	0	16.50	16.52	16.24
		3	1	16.51	16.55	16.23
		3	3	16.53	16.60	16.26
		6	0	16.50	16.58	16.28
	64QAM	1	0	16.47	16.56	16.31
		1	3	16.50	16.56	16.27
		1	5	16.50	16.61	16.23
		3	0	15.40	15.51	15.23
		3	1	15.41	15.46	15.24
		3	3	15.41	15.47	15.20
		6	0	15.45	15.51	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19965	20175	20385
3MHz	QPSK	1	0	18.09	18.08	18.05
		1	8	18.11	18.10	18.06
		1	14	18.11	18.09	18.03
		8	0	17.11	17.34	17.28
		8	4	17.12	17.36	17.25
		8	7	17.12	17.36	17.25
		15	0	17.15	17.38	17.24
	16QAM	1	0	17.19	17.33	17.22
		1	8	17.22	17.32	17.17
		1	14	17.18	17.35	17.14
		8	0	16.18	16.42	16.16
		8	4	16.19	16.39	16.15
		8	7	16.23	16.38	16.12
		15	0	16.19	16.33	16.08

	64QAM	1	0	16.24	16.38	16.13
		1	8	16.22	16.43	16.14
		1	14	16.19	16.42	16.15
		8	0	15.18	15.37	15.10
		8	4	15.22	15.37	15.15
		8	7	15.24	15.39	15.15
		15	0	15.28	15.39	15.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375
5MHz	QPSK	1	0	18.09	18.03	18.03
		1	13	18.09	18.06	18.07
		1	24	18.07	18.04	18.02
		12	0	17.19	17.11	17.04
		12	6	17.15	17.13	17.01
		12	13	17.14	17.17	17.01
		25	0	17.14	17.18	17.04
	16QAM	1	0	17.13	17.23	17.07
		1	13	17.11	17.20	17.07
		1	24	17.07	17.23	17.11
		12	0	16.10	16.38	16.34
		12	6	16.07	16.37	16.30
		12	13	16.03	16.36	16.27
		25	0	16.05	16.40	16.23
	64QAM	1	0	16.04	16.42	16.20
		1	13	16.08	16.45	16.18
		1	24	16.08	16.41	16.14
		12	0	15.08	15.39	15.08
		12	6	15.11	15.37	15.09
		12	13	15.09	15.33	15.09
		25	0	15.14	15.34	15.08
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20000	20175	20350
10MHz	QPSK	1	0	18.05	17.97	18.04
		1	25	18.05	18.01	18.09
		1	49	18.01	18.00	18.05
		25	0	17.19	17.08	17.23
		25	12	17.20	17.10	17.27
		25	25	17.17	17.13	17.25
		50	0	17.16	17.12	17.25
	16QAM	1	0	17.19	17.11	17.24

		1	25	17.15	17.15	17.21
		1	49	17.11	17.19	17.22
		25	0	16.33	16.28	16.35
		25	12	16.32	16.32	16.35
		25	25	16.31	16.33	16.38
		50	0	16.36	16.31	16.35
	64QAM	1	0	16.33	16.27	16.34
		1	25	16.31	16.29	16.30
		1	49	16.31	16.34	16.33
		25	0	15.21	15.28	15.29
		25	12	15.23	15.26	15.24
		25	25	15.21	15.29	15.28
		50	0	15.20	15.26	15.33
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20025	20175	20325
15MHz	QPSK	1	0	18.01	18.02	18.07
		1	37	18.01	18.02	18.09
		1	74	17.97	18.02	18.09
		36	0	17.10	17.20	17.32
		36	20	17.05	17.20	17.32
		36	39	17.00	17.19	17.29
		75	0	16.98	17.24	17.24
	16QAM	1	0	17.03	17.25	17.20
		1	37	17.06	17.30	17.18
		1	74	17.09	17.32	17.18
		36	0	16.21	16.48	16.38
		36	20	16.24	16.46	16.36
		36	39	16.21	16.45	16.32
		75	0	16.18	16.46	16.27
	64QAM	1	0	16.13	16.47	16.30
		1	37	16.13	16.43	16.29
		1	74	16.09	16.42	16.31
		36	0	15.02	15.35	15.33
		36	20	15.03	15.34	15.31
		36	39	14.98	15.32	15.31
		75	0	14.95	15.28	15.29
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20050	20175	20300
20MHz	QPSK	1	0	17.99	18.09	18.02
		1	50	18.04	18.09	18.06

		1	99	18.02	18.05	18.05
		50	0	17.25	17.26	17.24
		50	25	17.20	17.26	17.24
		50	50	17.18	17.24	17.19
		100	0	17.15	17.22	17.19
	16QAM	1	0	17.17	17.21	17.20
		1	50	17.17	17.18	17.22
		1	99	17.18	17.13	17.22
		50	0	16.31	16.26	16.30
		50	25	16.33	16.23	16.24
		50	50	16.29	16.21	16.23
		100	0	16.29	16.25	16.26
	64QAM	1	0	16.30	16.24	16.23
		1	50	16.30	16.28	16.20
		1	99	16.34	16.27	16.22
		50	0	15.31	15.18	15.16
		50	25	15.27	15.21	15.18
		50	50	15.23	15.19	15.19
		100	0	15.27	15.23	15.14

LTE Band 5

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20407	20525	20643
1.4MHz	QPSK	1	0	20.11	19.99	20.03
		1	3	20.16	20.01	20.05
		1	5	20.12	20.00	20.04
		3	0	19.15	19.06	19.19
		3	1	19.14	19.04	19.19
		3	3	19.19	19.07	19.18
		6	0	19.19	19.03	19.22
	16QAM	1	0	19.15	19.02	19.21
		1	3	19.11	18.98	19.19
		1	5	19.11	18.93	19.22
		3	0	18.32	17.99	18.41
		3	1	18.32	18.02	18.36
		3	3	18.37	17.99	18.39
		6	0	18.36	17.96	18.35
	64QAM	1	0	18.39	17.98	18.31
		1	3	18.38	17.95	18.28
		1	5	18.36	17.92	18.24
		3	0	17.32	16.84	17.26
		3	1	17.35	16.88	17.25
		3	3	17.36	16.88	17.24
		6	0	17.36	16.89	17.25
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20415	20525	20635
3MHz	QPSK	1	0	20.13	20.03	20.05
		1	8	20.15	20.08	20.08
		1	14	20.11	20.05	20.03
		8	0	19.22	19.29	19.13
		8	4	19.18	19.28	19.09
		8	7	19.19	19.31	19.12
		15	0	19.16	19.32	19.07
	16QAM	1	0	19.12	19.29	19.05
		1	8	19.13	19.30	19.09
		1	14	19.10	19.30	19.04
		8	0	18.31	18.38	18.21
		8	4	18.35	18.43	18.24
		8	7	18.33	18.45	18.24
		15	0	18.30	18.48	18.23

	64QAM	1	0	18.28	18.47	18.25
		1	8	18.29	18.47	18.24
		1	14	18.25	18.48	18.28
		8	0	17.19	17.47	17.24
		8	4	17.19	17.46	17.24
		8	7	17.18	17.51	17.23
		15	0	17.19	17.52	17.19
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20425	20525	20625
5MHz	QPSK	1	0	20.13	20.10	20.09
		1	13	20.14	20.11	20.11
		1	24	20.12	20.08	20.08
		12	0	19.25	19.28	19.10
		12	6	19.20	19.32	19.15
		12	13	19.20	19.28	19.18
		25	0	19.25	19.28	19.19
	16QAM	1	0	19.21	19.24	19.23
		1	13	19.21	19.28	19.27
		1	24	19.18	19.24	19.32
		12	0	18.44	18.35	18.39
		12	6	18.42	18.33	18.43
		12	13	18.39	18.38	18.43
		25	0	18.36	18.38	18.38
	64QAM	1	0	18.40	18.39	18.42
		1	13	18.39	18.40	18.39
		1	24	18.36	18.36	18.38
		12	0	17.32	17.29	17.37
		12	6	17.32	17.32	17.33
		12	13	17.29	17.31	17.36
		25	0	17.25	17.27	17.34
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20450	20525	20600
10MHz	QPSK	1	0	20.08	20.13	20.04
		1	25	20.09	20.13	20.09
		1	49	20.08	20.11	20.06
		25	0	19.27	19.29	19.23
		25	12	19.26	19.28	19.21
		25	25	19.28	19.30	19.17
		50	0	19.31	19.31	19.21
		16QAM	1	19.34	19.35	19.18

		1	25	19.35	19.34	19.17
		1	49	19.35	19.33	19.16
		25	0	18.56	18.48	18.38
		25	12	18.49	18.45	18.39
		25	25	18.49	18.49	18.43
		50	0	18.53	18.48	18.39
	64QAM	1	0	18.53	18.50	18.41
		1	25	18.55	18.52	18.42
		1	49	18.50	18.49	18.43
		25	0	17.45	17.43	17.36
		25	12	17.48	17.44	17.36
		25	25	17.50	17.43	17.31
		50	0	17.49	17.38	17.28

LTE Band 7

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20775	21100	21425
5MHz	QPSK	1	0	16.16	16.16	16.25
		1	13	16.20	16.19	16.29
		1	24	16.16	16.19	16.26
		12	0	15.21	15.42	15.51
		12	6	15.22	15.45	15.49
		12	13	15.19	15.43	15.54
		25	0	15.19	15.46	15.59
	16QAM	1	0	15.19	15.50	15.55
		1	13	15.14	15.51	15.57
		1	24	15.17	15.52	15.52
		12	0	14.22	14.67	14.64
		12	6	14.24	14.68	14.63
		12	13	14.19	14.71	14.64
		25	0	14.23	14.75	14.65
	64QAM	1	0	14.25	14.75	14.64
		1	13	14.29	14.78	14.60
		1	24	14.26	14.81	14.62
		12	0	13.22	13.78	13.55
		12	6	13.25	13.81	13.56
		12	13	13.27	13.76	13.53
		25	0	13.32	13.79	13.57
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20800	21100	21400
10MHz	QPSK	1	0	16.22	16.21	16.26
		1	25	16.23	16.22	16.27
		1	49	16.18	16.19	16.27
		25	0	15.27	15.25	15.49
		25	12	15.27	15.20	15.50
		25	25	15.27	15.23	15.46
		50	0	15.28	15.19	15.42
	16QAM	1	0	15.27	15.20	15.44
		1	25	15.26	15.23	15.48
		1	49	15.30	15.19	15.52
		25	0	14.53	14.33	14.60
		25	12	14.50	14.36	14.64
		25	25	14.50	14.32	14.67
		50	0	14.50	14.27	14.64

	64QAM	1	0	14.49	14.24	14.61
		1	25	14.50	14.21	14.64
		1	49	14.54	14.22	14.67
		25	0	13.53	13.23	13.65
		25	12	13.55	13.20	13.65
		25	25	13.60	13.22	13.66
		50	0	13.61	13.23	13.65
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20825	21100	21375
15MHz	QPSK	1	0	16.18	16.19	16.25
		1	37	16.20	16.24	16.25
		1	74	16.19	16.20	16.23
		36	0	15.34	15.40	15.47
		36	20	15.31	15.45	15.44
		36	39	15.34	15.44	15.44
		75	0	15.31	15.41	15.40
	16QAM	1	0	15.34	15.46	15.41
		1	37	15.38	15.50	15.41
		1	74	15.41	15.47	15.42
		36	0	14.55	14.69	14.67
		36	20	14.60	14.65	14.61
		36	39	14.65	14.62	14.58
		75	0	14.68	14.62	14.55
	64QAM	1	0	14.68	14.67	14.56
		1	37	14.63	14.62	14.58
		1	74	14.61	14.67	14.60
		36	0	13.54	13.63	13.57
		36	20	13.58	13.68	13.54
		36	39	13.54	13.65	13.54
		75	0	13.59	13.68	13.57
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20850	21100	21350
20MHz	QPSK	1	0	16.21	16.28	16.20
		1	50	16.21	16.28	16.22
		1	99	16.21	16.25	16.17
		50	0	15.21	15.49	15.24
		50	25	15.24	15.47	15.23
		50	50	15.25	15.47	15.28
		100	0	15.28	15.47	15.32
		1	0	15.30	15.43	15.29
	16QAM	1	0	15.30	15.43	15.29

		1	50	15.28	15.38	15.24
		1	99	15.29	15.34	15.24
		50	0	14.30	14.42	14.46
		50	25	14.33	14.44	14.46
		50	50	14.36	14.42	14.48
		100	0	14.40	14.46	14.43
	64QAM	1	0	14.38	14.44	14.43
		1	50	14.40	14.40	14.44
		1	99	14.44	14.40	14.47
		50	0	13.44	13.42	13.46
		50	25	13.46	13.46	13.50
		50	50	13.44	13.48	13.54
		100	0	13.41	13.44	13.56

LTE Band 13

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				23205	23230	23255
5MHz	QPSK	1	0	22.22	22.29	22.25
		1	13	22.27	22.30	22.29
		1	24	22.22	22.29	22.25
		12	0	21.25	21.43	21.28
		12	6	21.25	21.47	21.25
		12	13	21.24	21.50	21.24
		25	0	21.28	21.50	21.23
	16QAM	1	0	21.28	21.50	21.24
		1	13	21.30	21.52	21.27
		1	24	21.26	21.49	21.28
		12	0	20.39	20.51	20.51
		12	6	20.36	20.52	20.50
		12	13	20.33	20.52	20.52
		25	0	20.35	20.53	20.54
	64QAM	1	0	20.31	20.57	20.55
		1	13	20.34	20.54	20.56
		1	24	20.35	20.50	20.54
		12	0	19.34	19.50	19.54
		12	6	19.32	19.50	19.55
		12	13	19.35	19.54	19.57
		25	0	19.31	19.59	19.60
Bandwidth	Modulation	RB size	RB offset	Channel		
				23230		
10MHz	QPSK	1	0	22.27		
		1	25	22.31		
		1	49	22.28		
		25	0	21.50		
		25	12	21.49		
		25	25	21.47		
		50	0	21.43		
	16QAM	1	0	21.46		
		1	25	21.47		
		1	49	21.45		
		25	0	20.45		
		25	12	20.41		
		25	25	20.46		
		50	0	20.43		

	64QAM	1	0	20.40
		1	25	20.45
		1	49	20.43
		25	0	19.46
		25	12	19.45
		25	25	19.48
		50	0	19.49

LTE Band 26

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26697	26865	27033
1.4MHz	QPSK	1	0	21.49	21.53	21.59
		1	13	21.49	21.54	21.60
		1	24	21.47	21.52	21.58
		12	0	20.63	20.52	20.77
		12	6	20.65	20.55	20.76
		12	13	20.68	20.58	20.80
		25	0	20.65	20.63	20.82
	16QAM	1	0	20.60	20.67	20.86
		1	13	20.59	20.71	20.88
		1	24	20.61	20.75	20.85
		12	0	19.66	19.76	19.99
		12	6	19.68	19.78	19.93
		12	13	19.72	19.77	19.97
		25	0	19.74	19.75	19.93
	64QAM	1	0	19.70	19.75	19.92
		1	13	19.71	19.75	19.95
		1	24	19.66	19.74	19.95
		12	0	18.58	18.66	18.93
		12	6	18.63	18.62	18.97
		12	13	18.64	18.62	18.95
		25	0	18.62	18.58	18.91
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26705	26865	27025
3MHz	QPSK	1	0	21.53	21.60	21.55
		1	13	21.58	21.64	21.58
		1	24	21.53	21.60	21.54
		12	0	20.62	20.77	20.57
		12	6	20.60	20.74	20.56
		12	13	20.56	20.73	20.58
		25	0	20.58	20.74	20.63
	16QAM	1	0	20.59	20.73	20.63
		1	13	20.58	20.70	20.68
		1	24	20.63	20.66	20.71
		12	0	19.69	19.78	19.82
		12	6	19.70	19.80	19.77
		12	13	19.73	19.77	19.75
		25	0	19.71	19.81	19.74
	64QAM	1	0	19.70	19.86	19.77
		1	13	19.66	19.87	19.79

		1	24	19.68	19.90	19.78
		12	0	18.70	18.84	18.71
		12	6	18.68	18.80	18.71
		12	13	18.70	18.80	18.66
		25	0	18.69	18.81	18.67
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26715	26865	27015
5MHz	QPSK	1	0	21.48	21.58	21.58
		1	13	21.51	21.58	21.60
		1	24	21.49	21.56	21.57
		12	0	20.50	20.74	20.82
		12	6	20.55	20.70	20.86
		12	13	20.50	20.66	20.84
		25	0	20.45	20.68	20.89
	16QAM	1	0	20.44	20.65	20.90
		1	13	20.44	20.68	20.87
		1	24	20.47	20.69	20.84
		12	0	19.67	19.93	19.97
		12	6	19.73	19.90	19.96
		12	13	19.74	19.95	19.99
		25	0	19.78	19.91	19.95
	64QAM	1	0	19.82	19.94	19.95
		1	13	19.80	19.96	19.99
		1	24	19.80	20.01	20.01
		12	0	18.79	18.96	18.94
		12	6	18.83	18.92	18.93
		12	13	18.79	18.88	18.93
		25	0	18.81	18.87	18.98
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26740	26865	26990
10MHz	QPSK	1	0	21.57	21.60	21.58
		1	25	21.57	21.62	21.61
		1	49	21.52	21.58	21.57
		25	0	20.58	20.81	20.59
		25	12	20.54	20.82	20.60
		25	25	20.56	20.79	20.60
		50	0	20.56	20.76	20.63
	16QAM	1	0	20.54	20.79	20.63
		1	25	20.54	20.79	20.64
		1	49	20.52	20.81	20.64
		25	0	19.74	19.93	19.68

		25	12	19.75	19.86	19.73
		25	25	19.75	19.83	19.75
		50	0	19.71	19.80	19.78
	64QAM	1	0	19.74	19.80	19.80
		1	25	19.70	19.82	19.82
		1	49	19.73	19.84	19.79
		25	0	18.70	18.79	18.81
		25	12	18.72	18.78	18.84
		25	25	18.74	18.82	18.86
		50	0	18.74	18.78	18.84
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26765	26865	26965
15MHz	QPSK	1	0	21.56	21.62	21.58
		1	50	21.58	21.64	21.61
		1	99	21.55	21.63	21.60
		50	0	20.80	20.74	20.63
		50	25	20.75	20.78	20.59
		50	50	20.72	20.83	20.64
		100	0	20.74	20.85	20.67
	16QAM	1	0	20.72	20.86	20.70
		1	50	20.75	20.87	20.74
		1	99	20.73	20.86	20.78
		50	0	19.95	20.03	19.84
		50	25	19.93	19.97	19.88
		50	50	19.92	20.02	19.91
		100	0	19.90	20.00	19.96
	64QAM	1	0	19.91	19.96	20.00
		1	50	19.87	20.00	20.01
		1	99	19.91	20.01	20.01
		50	0	18.82	19.00	18.99
		50	25	18.82	19.02	19.00
		50	50	18.86	19.04	19.03
		100	0	18.84	19.05	19.03

LTE Band 38

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37775	38000	38225
5MHz	QPSK	1	0	19.76	19.62	19.73
		1	13	19.77	19.66	19.77
		1	24	19.73	19.66	19.74
		12	0	18.74	18.81	18.79
		12	6	18.76	18.81	18.76
		12	13	18.72	18.86	18.72
		25	0	18.72	18.81	18.70
	16QAM	1	0	18.68	18.84	18.73
		1	13	18.63	18.81	18.75
		1	24	18.66	18.86	18.70
		12	0	17.72	17.96	17.89
		12	6	17.72	17.95	17.86
		12	13	17.74	17.99	17.83
		25	0	17.77	18.04	17.87
	64QAM	1	0	17.78	18.04	17.90
		1	13	17.75	18.06	17.88
		1	24	17.77	18.08	17.89
		12	0	16.80	17.01	16.81
		12	6	16.83	17.03	16.85
		12	13	16.79	17.03	16.80
		25	0	16.79	17.00	16.76
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37800	38000	38200
10MHz	QPSK	1	0	19.76	19.66	19.76
		1	25	19.79	19.70	19.78
		1	49	19.78	19.68	19.74
		25	0	18.88	18.73	18.92
		25	12	18.86	18.69	18.93
		25	25	18.82	18.71	18.90
		50	0	18.78	18.70	18.89
	16QAM	1	0	18.81	18.72	18.93
		1	25	18.80	18.73	18.92
		1	49	18.81	18.73	18.91
		25	0	17.87	17.90	18.12
		25	12	17.83	17.88	18.16
		25	25	17.80	17.88	18.21
		50	0	17.84	17.88	18.23

	64QAM	1	0	17.89	17.89	18.20
		1	25	17.85	17.94	18.17
		1	49	17.82	17.93	18.17
		25	0	16.73	16.91	17.14
		25	12	16.73	16.86	17.18
		25	25	16.75	16.89	17.15
		50	0	16.71	16.93	17.13
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37825	38000	38175
15MHz	QPSK	1	0	19.71	19.70	19.72
		1	37	19.75	19.73	19.74
		1	74	19.72	19.72	19.69
		36	0	18.85	18.93	18.94
		36	20	18.82	18.89	18.94
		36	39	18.78	18.93	18.91
		75	0	18.76	18.95	18.91
	16QAM	1	0	18.73	18.96	18.86
		1	37	18.72	18.95	18.82
		1	74	18.70	18.95	18.77
		36	0	17.83	17.96	17.79
		36	20	17.77	17.96	17.77
		36	39	17.78	17.95	17.75
		75	0	17.76	17.95	17.74
	64QAM	1	0	17.78	17.95	17.71
		1	37	17.79	17.95	17.70
		1	74	17.79	17.92	17.66
		36	0	16.81	16.85	16.59
		36	20	16.83	16.82	16.60
		36	39	16.80	16.80	16.59
		75	0	16.80	16.85	16.62
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37850	38000	38150
20MHz	QPSK	1	0	19.72	19.76	19.75
		1	50	19.75	19.77	19.75
		1	99	19.72	19.76	19.74
		50	0	18.80	18.78	18.84
		50	25	18.81	18.79	18.86
		50	50	18.81	18.78	18.81
		100	0	18.78	18.80	18.78
	16QAM	1	0	18.76	18.85	18.76

		1	50	18.76	18.89	18.81
		1	99	18.78	18.90	18.83
		50	0	17.87	17.92	18.05
		50	25	17.85	17.94	18.00
		50	50	17.89	17.91	18.04
		100	0	17.93	17.93	18.05
	64QAM	1	0	17.93	17.94	18.03
		1	50	17.90	17.93	18.05
		1	99	17.88	17.92	18.05
		50	0	16.84	16.90	16.96
		50	25	16.88	16.91	16.94
		50	50	16.91	16.88	16.91
		100	0	16.89	16.89	16.89

LTE Band 41

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40065	40640	41215
5MHz	QPSK	1	0	19.82	19.80	19.74
		1	13	19.83	19.85	19.77
		1	24	19.83	19.84	19.74
		12	0	19.07	18.97	18.88
		12	6	19.10	18.93	18.91
		12	13	19.08	18.96	18.95
		25	0	19.12	18.94	18.90
	16QAM	1	0	19.13	18.97	18.89
		1	13	19.14	18.94	18.89
		1	24	19.19	18.92	18.91
		12	0	18.44	18.06	18.03
		12	6	18.45	18.10	17.96
		12	13	18.50	18.05	17.99
		25	0	18.48	18.09	17.94
	64QAM	1	0	18.45	18.11	17.90
		1	13	18.44	18.11	17.91
		1	24	18.43	18.13	17.96
		12	0	17.42	17.16	16.95
		12	6	17.39	17.18	16.96
		12	13	17.39	17.20	16.95
		25	0	17.39	17.19	16.93
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40090	40640	41190
10MHz	QPSK	1	0	19.77	19.85	19.76
		1	25	19.80	19.86	19.79
		1	49	19.79	19.84	19.78
		25	0	18.85	18.84	18.85
		25	12	18.80	18.86	18.86
		25	25	18.78	18.85	18.89
		50	0	18.75	18.83	18.89
	16QAM	1	0	18.75	18.79	18.91
		1	25	18.76	18.82	18.93
		1	49	18.80	18.79	18.90
		25	0	17.85	18.04	17.90
		25	12	17.83	18.06	17.87
		25	25	17.84	18.04	17.87
		50	0	17.81	18.06	17.89

	64QAM	1	0	17.85	18.11	17.85
		1	25	17.82	18.10	17.82
		1	49	17.83	18.13	17.86
		25	0	16.79	17.11	16.88
		25	12	16.78	17.07	16.83
		25	25	16.83	17.05	16.84
		50	0	16.85	17.10	16.81
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40115	40640	41165
15MHz	QPSK	1	0	19.75	19.82	19.76
		1	37	19.76	19.84	19.77
		1	74	19.73	19.79	19.73
		36	0	18.87	18.84	18.76
		36	20	18.85	18.81	18.75
		36	39	18.90	18.76	18.75
		75	0	18.87	18.78	18.74
	16QAM	1	0	18.86	18.79	18.70
		1	37	18.85	18.75	18.67
		1	74	18.82	18.75	18.62
		36	0	17.85	17.81	17.69
		36	20	17.86	17.84	17.73
		36	39	17.83	17.81	17.70
		75	0	17.79	17.83	17.71
	64QAM	1	0	17.80	17.85	17.67
		1	37	17.79	17.83	17.63
		1	74	17.80	17.78	17.60
		36	0	16.81	16.76	16.61
		36	20	16.86	16.73	16.57
		36	39	16.86	16.72	16.61
		75	0	16.88	16.75	16.64
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40140	40640	41140
20MHz	QPSK	1	0	19.80	19.84	19.79
		1	50	19.81	19.86	19.81
		1	99	19.76	19.85	19.78
		50	0	18.97	18.86	18.90
		50	25	18.96	18.91	18.86
		50	50	19.01	18.93	18.86
		100	0	19.02	18.89	18.85
	16QAM	1	0	19.01	18.85	18.88

		1	50	19.04	18.89	18.84
		1	99	19.05	18.94	18.86
		50	0	18.14	18.00	17.97
		50	25	18.12	17.94	18.02
		50	50	18.08	17.99	18.00
		100	0	18.08	18.03	17.97
	64QAM	1	0	18.10	17.99	18.00
		1	50	18.09	17.99	17.96
		1	99	18.05	18.04	17.97
		50	0	17.02	17.07	16.98
		50	25	16.99	17.05	16.94
		50	50	17.03	17.04	16.96
		100	0	17.03	17.09	16.94

LTE Band 66

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19207	19575	19943
1.4MHz	QPSK	1	0	17.55	17.69	17.49
		1	3	17.56	17.70	17.49
		1	5	17.56	17.68	17.47
		3	0	16.57	16.74	16.57
		3	1	16.54	16.76	16.55
		3	3	16.52	16.76	16.60
		6	0	16.54	16.75	16.59
	16QAM	1	0	16.52	16.71	16.61
		1	3	16.54	16.70	16.57
		1	5	16.54	16.75	16.55
		3	0	15.72	15.99	15.70
		3	1	15.65	15.95	15.73
		3	3	15.67	15.96	15.74
		6	0	15.69	15.95	15.74
	64QAM	1	0	15.67	15.96	15.69
		1	3	15.63	15.98	15.70
		1	5	15.60	16.02	15.69
		3	0	14.60	14.97	14.66
		3	1	14.59	14.95	14.67
		3	3	14.61	14.94	14.72
		6	0	14.58	14.96	14.72
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19215	19575	19935
3MHz	QPSK	1	0	17.60	17.64	17.43
		1	8	17.61	17.68	17.48
		1	14	17.61	17.67	17.46
		8	0	16.82	16.70	16.60
		8	4	16.81	16.66	16.62
		8	7	16.85	16.68	16.61
		15	0	16.87	16.70	16.66
	16QAM	1	0	16.90	16.65	16.64
		1	8	16.92	16.64	16.68
		1	14	16.97	16.60	16.69
		8	0	16.17	15.84	15.81
		8	4	16.12	15.87	15.80
		8	7	16.14	15.84	15.82
		15	0	16.13	15.85	15.80

	64QAM	1	0	16.14	15.83	15.78
		1	8	16.19	15.79	15.81
		1	14	16.16	15.75	15.85
		8	0	15.18	14.70	14.77
		8	4	15.13	14.74	14.80
		8	7	15.14	14.74	14.79
		15	0	15.18	14.74	14.74
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19225	19575	19925
5MHz	QPSK	1	0	17.63	17.64	17.47
		1	13	17.66	17.65	17.50
		1	24	17.65	17.64	17.49
		12	0	16.89	16.67	16.53
		12	6	16.92	16.66	16.56
		12	13	16.91	16.64	16.60
		25	0	16.91	16.66	16.64
	16QAM	1	0	16.90	16.62	16.60
		1	13	16.91	16.62	16.56
		1	24	16.95	16.60	16.58
		12	0	16.09	15.80	15.76
		12	6	16.07	15.78	15.74
		12	13	16.08	15.82	15.76
		25	0	16.09	15.85	15.77
	64QAM	1	0	16.10	15.82	15.76
		1	13	16.15	15.80	15.72
		1	24	16.13	15.83	15.77
		12	0	15.07	14.85	14.71
		12	6	15.06	14.86	14.75
		12	13	15.02	14.86	14.77
		25	0	14.97	14.88	14.75
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19250	19575	19900
10MHz	QPSK	1	0	17.63	17.56	17.51
		1	25	17.63	17.60	17.55
		1	49	17.62	17.56	17.55
		25	0	16.85	16.71	16.71
		25	12	16.82	16.67	16.68
		25	25	16.84	16.62	16.67
		50	0	16.80	16.65	16.71
	16QAM	1	0	16.77	16.65	16.74

		1	25	16.81	16.62	16.73
		1	49	16.84	16.63	16.72
		25	0	15.91	15.88	15.85
		25	12	15.97	15.85	15.86
		25	25	15.94	15.82	15.87
		50	0	15.93	15.83	15.87
	64QAM	1	0	15.89	15.87	15.91
		1	25	15.84	15.92	15.93
		1	49	15.79	15.91	15.90
		25	0	14.82	14.84	14.86
		25	12	14.82	14.89	14.90
		25	25	14.84	14.91	14.91
		50	0	14.80	14.89	14.86
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19275	19575	19875
15MHz	QPSK	1	0	17.61	17.56	17.60
		1	37	17.63	17.60	17.60
		1	74	17.62	17.59	17.56
		36	0	16.67	16.78	16.64
		36	20	16.72	16.79	16.62
		36	39	16.72	16.75	16.61
		75	0	16.77	16.73	16.64
	16QAM	1	0	16.80	16.70	16.63
		1	37	16.84	16.66	16.60
		1	74	16.81	16.69	16.60
		36	0	15.99	15.72	15.86
		36	20	15.96	15.77	15.79
		36	39	15.92	15.77	15.78
		75	0	15.92	15.79	15.82
	64QAM	1	0	15.93	15.79	15.85
		1	37	15.92	15.78	15.82
		1	74	15.94	15.78	15.82
		36	0	14.89	14.69	14.76
		36	20	14.85	14.71	14.72
		36	39	14.88	14.72	14.73
		75	0	14.90	14.77	14.77
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19300	19575	19850
20MHz	QPSK	1	0	17.61	17.63	17.59
		1	50	17.62	17.68	17.64

		1	99	17.60	17.64	17.60
		50	0	16.70	16.71	16.62
		50	25	16.70	16.75	16.66
		50	50	16.71	16.73	16.71
		100	0	16.69	16.68	16.72
	16QAM	1	0	16.74	16.68	16.72
		1	50	16.75	16.63	16.70
		1	99	16.78	16.68	16.74
		50	0	16.02	15.93	15.80
		50	25	16.08	15.87	15.82
		50	50	16.11	15.92	15.80
		100	0	16.14	15.94	15.75
	64QAM	1	0	16.18	15.89	15.76
		1	50	16.23	15.90	15.73
		1	99	16.25	15.95	15.77
		50	0	15.26	14.95	14.77
		50	25	15.26	14.95	14.78
		50	50	15.21	15.00	14.78
		100	0	15.20	15.01	14.78

DSI4

Band: DCS1900	Burst Average Power (dBm)			Frame Average Power (dBm)		
Channel	513	661	810	513	661	810
<u>GSM (CS)</u>	28.71	28.65	28.47	19.71	19.65	19.47
<u>GPRS/EDGE (GMSK, 1 Tx slot)</u>	28.69	28.60	28.41	19.69	19.60	19.41
<u>GPRS/EDGE (GMSK, 2 Tx slots)</u>	26.07	26.01	25.86	20.07	20.01	19.86
<u>GPRS/EDGE (GMSK, 3 Tx slots)</u>	24.06	24.01	23.86	19.80	19.75	19.60
<u>GPRS/EDGE (GMSK, 4 Tx slots)</u>	23.13	23.05	22.90	20.13	20.05	19.90
<u>EDGE (8PSK, 1 Tx slot)</u>	25.56	25.53	25.45	16.56	16.53	16.45
<u>EDGE (8PSK, 2 Tx slots)</u>	23.89	23.82	23.72	17.89	17.82	17.72
<u>EDGE (8PSK, 3 Tx slots)</u>	22.06	21.96	21.77	17.80	17.70	17.51
<u>EDGE (8PSK, 4 Tx slots)</u>	20.66	20.60	20.46	17.66	17.60	17.46

UMTS Band II		Conducted Power (dBm)		
		9262	9400	9538
WCDMA	12.2kbps RMC	20.11	20.14	20.18
	64kbps RMC	19.89	20.05	20.14
	144kbps RMC	19.87	20.02	20.17
	384kbps RMC	19.85	20.06	20.14
HSDPA	Subtest 1	19.17	19.18	19.29
	Subtest 2	18.79	18.81	18.75
	Subtest 3	18.69	18.69	18.69
	Subtest 4	18.62	18.61	18.67
HSUPA	Subtest 1	18.16	18.19	18.20
	Subtest 2	18.69	18.70	18.73
	Subtest 3	19.19	19.20	19.23
	Subtest 4	18.18	18.22	18.26
	Subtest 5	20.19	20.18	20.10

UMTS Band IV		Conducted Power (dBm)		
		1312	1412	1513
WCDMA	12.2kbps RMC	20.19	20.21	20.24
	64kbps RMC	20.12	20.16	20.19
	144kbps RMC	20.14	20.08	20.24
	384kbps RMC	20.17	20.20	20.24
HSDPA	Subtest 1	19.26	19.25	19.22
	Subtest 2	18.88	18.91	18.83
	Subtest 3	18.77	18.74	18.73
	Subtest 4	18.75	18.71	18.73
HSUPA	Subtest 1	17.29	17.31	17.78
	Subtest 2	18.27	18.29	18.30
	Subtest 3	18.79	18.79	18.76
	Subtest 4	17.81	17.80	17.80
	Subtest 5	19.80	19.66	19.77

LTE Band 2

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18607	18900	19193
1.4MHz	QPSK	1	0	20.58	20.41	20.44
		1	3	20.60	20.43	20.48
		1	5	20.60	20.42	20.47
		3	0	19.66	19.50	19.70
		3	1	19.62	19.47	19.71
		3	3	19.59	19.52	19.71
		6	0	19.63	19.54	19.73
	16QAM	1	0	19.67	19.58	19.74
		1	3	19.68	19.59	19.70
		1	5	19.67	19.58	19.68
		3	0	18.86	18.74	18.86
		3	1	18.91	18.68	18.89
		3	3	18.88	18.67	18.91
		6	0	18.91	18.71	18.95
	64QAM	1	0	18.90	18.69	18.92
		1	3	18.88	18.71	18.90
		1	5	18.88	18.69	18.93
		3	0	17.84	17.66	17.85
		3	1	17.89	17.66	17.84
		3	3	17.92	17.62	17.89
		6	0	17.88	17.67	17.92
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18615	18900	19185
3MHz	QPSK	1	0	20.59	20.46	20.51
		1	8	20.64	20.48	20.52
		1	14	20.60	20.45	20.49
		8	0	19.65	19.49	19.59
		8	4	19.61	19.51	19.64
		8	7	19.60	19.54	19.68
		15	0	19.63	19.55	19.69
	16QAM	1	0	19.67	19.50	19.71
		1	8	19.67	19.48	19.70
		1	14	19.62	19.43	19.72
		8	0	18.63	18.44	18.85
		8	4	18.63	18.39	18.80
		8	7	18.68	18.35	18.82
		15	0	18.64	18.35	18.83

	64QAM	1	0	18.65	18.35	18.82
		1	8	18.69	18.39	18.79
		1	14	18.69	18.43	18.81
		8	0	17.60	17.40	17.81
		8	4	17.56	17.43	17.81
		8	7	17.58	17.41	17.77
		15	0	17.57	17.46	17.75
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175
5MHz	QPSK	1	0	20.55	20.46	20.52
		1	13	20.59	20.48	20.53
		1	24	20.57	20.45	20.50
		12	0	19.79	19.62	19.74
		12	6	19.79	19.62	19.73
		12	13	19.76	19.64	19.70
		25	0	19.77	19.63	19.65
	16QAM	1	0	19.81	19.65	19.64
		1	13	19.85	19.66	19.59
		1	24	19.80	19.61	19.55
		12	0	18.84	18.71	18.78
		12	6	18.83	18.66	18.80
		12	13	18.85	18.62	18.80
		25	0	18.86	18.67	18.82
	64QAM	1	0	18.86	18.66	18.86
		1	13	18.82	18.69	18.86
		1	24	18.80	18.67	18.84
		12	0	17.82	17.59	17.84
		12	6	17.87	17.56	17.80
		12	13	17.91	17.51	17.83
		25	0	17.88	17.50	17.84
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18650	18900	19150
10MHz	QPSK	1	0	20.53	20.47	20.48
		1	25	20.55	20.49	20.48
		1	49	20.53	20.48	20.48
		25	0	19.59	19.60	19.57
		25	12	19.57	19.55	19.60
		25	25	19.58	19.55	19.63
		50	0	19.61	19.53	19.59
	16QAM	1	0	19.64	19.54	19.62

		1	25	19.60	19.49	19.66
		1	49	19.59	19.44	19.66
		25	0	18.63	18.62	18.79
		25	12	18.57	18.55	18.84
		25	25	18.54	18.59	18.85
		50	0	18.52	18.63	18.87
	64QAM	1	0	18.48	18.61	18.88
		1	25	18.52	18.61	18.89
		1	49	18.53	18.59	18.85
		25	0	17.49	17.50	17.83
		25	12	17.48	17.52	17.82
		25	25	17.49	17.52	17.79
		50	0	17.52	17.49	17.78
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18675	18900	19125
15MHz	QPSK	1	0	20.55	20.50	20.47
		1	37	20.56	20.51	20.48
		1	74	20.55	20.49	20.45
		36	0	19.75	19.62	19.51
		36	20	19.79	19.61	19.55
		36	39	19.80	19.64	19.56
		75	0	19.79	19.63	19.54
	16QAM	1	0	19.78	19.65	19.59
		1	37	19.76	19.64	19.59
		1	74	19.75	19.69	19.57
		36	0	18.84	18.76	18.63
		36	20	18.88	18.79	18.61
		36	39	18.91	18.82	18.58
		75	0	18.90	18.80	18.56
	64QAM	1	0	18.89	18.81	18.53
		1	37	18.85	18.81	18.54
		1	74	18.87	18.81	18.49
		36	0	17.81	17.71	17.46
		36	20	17.84	17.74	17.49
		36	39	17.81	17.76	17.47
		75	0	17.79	17.79	17.49
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18700	18900	19100
20MHz	QPSK	1	0	20.54	20.55	20.48
		1	50	20.56	20.58	20.53

		1	99	20.53	20.55	20.49
		50	0	19.77	19.65	19.54
		50	25	19.72	19.61	19.58
		50	50	19.67	19.58	19.54
		100	0	19.66	19.60	19.53
	16QAM	1	0	19.63	19.61	19.49
		1	50	19.67	19.63	19.49
		1	99	19.69	19.60	19.47
		50	0	18.70	18.70	18.67
		50	25	18.75	18.72	18.65
		50	50	18.77	18.76	18.66
		100	0	18.81	18.73	18.65
	64QAM	1	0	18.80	18.68	18.62
		1	50	18.78	18.71	18.64
		1	99	18.83	18.68	18.61
		50	0	17.75	17.60	17.58
		50	25	17.72	17.61	17.56
		50	50	17.75	17.64	17.54
		100	0	17.76	17.61	17.54

LTE Band 4

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19957	20175	20393
1.4MHz	QPSK	1	0	20.55	20.51	20.47
		1	3	20.56	20.53	20.48
		1	5	20.55	20.50	20.43
		3	0	19.56	19.65	19.55
		3	1	19.61	19.61	19.60
		3	3	19.64	19.65	19.55
		6	0	19.69	19.69	19.56
	16QAM	1	0	19.67	19.70	19.52
		1	3	19.65	19.66	19.47
		1	5	19.63	19.61	19.47
		3	0	18.69	18.86	18.64
		3	1	18.74	18.81	18.68
		3	3	18.71	18.86	18.69
		6	0	18.68	18.87	18.65
	64QAM	1	0	18.66	18.89	18.68
		1	3	18.68	18.87	18.68
		1	5	18.67	18.86	18.73
		3	0	17.64	17.89	17.75
		3	1	17.66	17.90	17.77
		3	3	17.69	17.94	17.81
		6	0	17.71	17.92	17.79
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19965	20175	20385
3MHz	QPSK	1	0	20.53	20.54	20.50
		1	8	20.58	20.55	20.52
		1	14	20.53	20.50	20.50
		8	0	19.78	19.65	19.63
		8	4	19.78	19.64	19.60
		8	7	19.80	19.63	19.56
		15	0	19.77	19.59	19.55
	16QAM	1	0	19.75	19.54	19.56
		1	8	19.74	19.55	19.57
		1	14	19.77	19.53	19.61
		8	0	18.92	18.65	18.70
		8	4	18.95	18.70	18.71
		8	7	18.92	18.68	18.70
		15	0	18.96	18.64	18.67

	64QAM	1	0	18.99	18.63	18.62
		1	8	18.98	18.60	18.60
		1	14	18.96	18.57	18.62
		8	0	17.87	17.48	17.54
		8	4	17.87	17.43	17.58
		8	7	17.84	17.38	17.54
		15	0	17.89	17.42	17.53
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375
5MHz	QPSK	1	0	20.56	20.50	20.51
		1	13	20.60	20.52	20.52
		1	24	20.58	20.48	20.51
		12	0	19.58	19.59	19.66
		12	6	19.55	19.58	19.70
		12	13	19.54	19.62	19.72
		25	0	19.56	19.62	19.71
	16QAM	1	0	19.61	19.64	19.67
		1	13	19.64	19.68	19.67
		1	24	19.64	19.72	19.65
		12	0	18.88	18.94	18.89
		12	6	18.90	18.93	18.87
		12	13	18.86	18.91	18.83
		25	0	18.85	18.95	18.79
	64QAM	1	0	18.87	18.96	18.74
		1	13	18.92	18.99	18.75
		1	24	18.93	19.00	18.80
		12	0	17.88	17.90	17.73
		12	6	17.90	17.90	17.75
		12	13	17.86	17.85	17.80
		25	0	17.88	17.81	17.79
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20000	20175	20350
10MHz	QPSK	1	0	20.54	20.47	20.50
		1	25	20.58	20.51	20.52
		1	49	20.57	20.49	20.51
		25	0	19.71	19.70	19.73
		25	12	19.67	19.67	19.72
		25	25	19.67	19.70	19.68
		50	0	19.66	19.68	19.70
	16QAM	1	0	19.67	19.68	19.70

		1	25	19.66	19.65	19.67
		1	49	19.69	19.63	19.63
		25	0	18.72	18.76	18.64
		25	12	18.76	18.81	18.63
		25	25	18.78	18.78	18.61
		50	0	18.77	18.82	18.59
	64QAM	1	0	18.79	18.78	18.57
		1	25	18.83	18.74	18.61
		1	49	18.81	18.73	18.63
		25	0	17.76	17.64	17.60
		25	12	17.75	17.65	17.62
		25	25	17.77	17.67	17.65
		50	0	17.79	17.71	17.64
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20025	20175	20325
15MHz	QPSK	1	0	20.54	20.49	20.49
		1	37	20.58	20.53	20.52
		1	74	20.55	20.51	20.51
		36	0	19.74	19.55	19.54
		36	20	19.79	19.53	19.56
		36	39	19.84	19.57	19.53
		75	0	19.84	19.54	19.49
	16QAM	1	0	19.84	19.49	19.44
		1	37	19.81	19.54	19.48
		1	74	19.83	19.58	19.49
		36	0	18.93	18.62	18.69
		36	20	18.95	18.66	18.70
		36	39	18.98	18.67	18.67
		75	0	18.97	18.69	18.71
	64QAM	1	0	18.95	18.66	18.74
		1	37	18.94	18.63	18.72
		1	74	18.91	18.61	18.70
		36	0	17.90	17.57	17.63
		36	20	17.90	17.55	17.65
		36	39	17.89	17.50	17.68
		75	0	17.88	17.53	17.72
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20050	20175	20300
20MHz	QPSK	1	0	20.57	20.60	20.53
		1	50	20.59	20.62	20.54

		1	99	20.59	20.58	20.52
		50	0	19.73	19.64	19.74
		50	25	19.70	19.59	19.75
		50	50	19.75	19.61	19.72
		100	0	19.72	19.62	19.76
	16QAM	1	0	19.68	19.59	19.78
		1	50	19.67	19.54	19.83
		1	99	19.72	19.54	19.85
		50	0	18.95	18.70	19.07
		50	25	18.99	18.70	19.12
		50	50	19.04	18.68	19.10
		100	0	19.00	18.69	19.07
	64QAM	1	0	18.96	18.67	19.12
		1	50	19.00	18.70	19.10
		1	99	18.99	18.68	19.08
		50	0	17.94	17.59	18.07
		50	25	17.90	17.57	18.10
		50	50	17.86	17.60	18.14
		100	0	17.81	17.63	18.11

LTE Band 7

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20775	21100	21425
5MHz	QPSK	1	0	18.11	18.21	18.20
		1	13	18.11	18.23	18.23
		1	24	18.10	18.21	18.18
		12	0	17.34	17.41	17.22
		12	6	17.29	17.37	17.18
		12	13	17.29	17.33	17.14
		25	0	17.33	17.35	17.11
	16QAM	1	0	17.37	17.36	17.16
		1	13	17.35	17.35	17.13
		1	24	17.40	17.37	17.15
		12	0	16.54	16.54	16.34
		12	6	16.57	16.48	16.39
		12	13	16.52	16.48	16.34
		25	0	16.57	16.51	16.29
	64QAM	1	0	16.60	16.55	16.32
		1	13	16.64	16.52	16.36
		1	24	16.66	16.50	16.40
		12	0	15.57	15.42	15.36
		12	6	15.56	15.45	15.38
		12	13	15.52	15.45	15.42
		25	0	15.55	15.45	15.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20800	21100	21400
10MHz	QPSK	1	0	18.14	18.15	18.26
		1	25	18.18	18.19	18.26
		1	49	18.15	18.19	18.25
		25	0	17.23	17.26	17.37
		25	12	17.21	17.25	17.39
		25	25	17.18	17.27	17.40
		50	0	17.15	17.24	17.36
	16QAM	1	0	17.18	17.20	17.37
		1	25	17.17	17.17	17.37
		1	49	17.18	17.21	17.39
		25	0	16.43	16.37	16.62
		25	12	16.45	16.36	16.61
		25	25	16.50	16.41	16.59
		50	0	16.53	16.38	16.56

	64QAM	1	0	16.49	16.42	16.59
		1	25	16.51	16.41	16.57
		1	49	16.50	16.46	16.54
		25	0	15.48	15.38	15.51
		25	12	15.48	15.34	15.49
		25	25	15.50	15.34	15.44
		50	0	15.54	15.30	15.46
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20825	21100	21375
15MHz	QPSK	1	0	18.16	18.19	18.21
		1	37	18.19	18.21	18.23
		1	74	18.19	18.20	18.19
		36	0	17.26	17.30	17.37
		36	20	17.26	17.32	17.42
		36	39	17.23	17.33	17.46
		75	0	17.24	17.38	17.49
	16QAM	1	0	17.28	17.35	17.46
		1	37	17.26	17.37	17.47
		1	74	17.30	17.34	17.47
		36	0	16.50	16.60	16.47
		36	20	16.53	16.61	16.44
		36	39	16.58	16.58	16.45
		75	0	16.59	16.58	16.45
	64QAM	1	0	16.58	16.56	16.40
		1	37	16.58	16.60	16.41
		1	74	16.61	16.57	16.45
		36	0	15.64	15.58	15.40
		36	20	15.67	15.57	15.42
		36	39	15.70	15.55	15.38
		75	0	15.68	15.51	15.34
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20850	21100	21350
20MHz	QPSK	1	0	18.16	18.20	18.17
		1	50	18.20	18.23	18.19
		1	99	18.17	18.21	18.18
		50	0	17.39	17.35	17.31
		50	25	17.40	17.31	17.30
		50	50	17.35	17.33	17.32
		100	0	17.38	17.28	17.27
	16QAM	1	0	17.42	17.24	17.23

		1	50	17.38	17.27	17.25
		1	99	17.36	17.22	17.27
		50	0	16.61	16.44	16.28
		50	25	16.61	16.45	16.27
		50	50	16.65	16.45	16.23
		100	0	16.67	16.46	16.23
	64QAM	1	0	16.64	16.50	16.21
		1	50	16.62	16.47	16.16
		1	99	16.63	16.47	16.14
		50	0	15.54	15.48	15.13
		50	25	15.51	15.45	15.09
		50	50	15.55	15.41	15.12
		100	0	15.58	15.45	15.14

LTE Band 38

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37775	38000	38225
5MHz	QPSK	1	0	20.56	20.73	20.53
		1	13	20.61	20.76	20.55
		1	24	20.59	20.75	20.50
		12	0	19.60	19.99	19.58
		12	6	19.61	20.00	19.57
		12	13	19.56	20.04	19.57
		25	0	19.60	20.08	19.56
	16QAM	1	0	19.64	20.13	19.60
		1	13	19.67	20.10	19.58
		1	24	19.62	20.07	19.61
		12	0	18.85	19.29	18.63
		12	6	18.90	19.32	18.69
		12	13	18.91	19.35	18.69
		25	0	18.87	19.37	18.70
	64QAM	1	0	18.88	19.32	18.66
		1	13	18.91	19.29	18.64
		1	24	18.90	19.31	18.64
		12	0	17.89	18.24	17.61
		12	6	17.88	18.21	17.64
		12	13	17.90	18.25	17.59
		25	0	17.92	18.24	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37800	38000	38200
10MHz	QPSK	1	0	20.68	20.75	20.59
		1	25	20.71	20.76	20.63
		1	49	20.66	20.72	20.60
		25	0	19.72	19.93	19.66
		25	12	19.67	19.97	19.62
		25	25	19.72	19.99	19.65
		50	0	19.67	20.02	19.62
	16QAM	1	0	19.63	20.06	19.59
		1	25	19.64	20.10	19.60
		1	49	19.63	20.07	19.64
		25	0	18.66	19.14	18.82
		25	12	18.69	19.14	18.83
		25	25	18.68	19.14	18.81
		50	0	18.68	19.15	18.78

	64QAM	1	0	18.64	19.20	18.79
		1	25	18.68	19.15	18.84
		1	49	18.64	19.15	18.80
		25	0	17.64	18.13	17.77
		25	12	17.65	18.17	17.78
		25	25	17.64	18.22	17.78
		50	0	17.67	18.22	17.82
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37825	38000	38175
15MHz	QPSK	1	0	20.63	20.69	20.66
		1	37	20.67	20.73	20.67
		1	74	20.62	20.70	20.66
		36	0	19.67	19.79	19.89
		36	20	19.69	19.76	19.90
		36	39	19.73	19.76	19.85
		75	0	19.70	19.81	19.86
	16QAM	1	0	19.75	19.85	19.89
		1	37	19.80	19.80	19.88
		1	74	19.80	19.78	19.89
		36	0	18.87	18.89	19.10
		36	20	18.91	18.93	19.14
		36	39	18.90	18.97	19.11
		75	0	18.85	19.00	19.12
	64QAM	1	0	18.89	18.99	19.17
		1	37	18.91	19.01	19.18
		1	74	18.96	19.01	19.14
		36	0	17.88	17.98	18.09
		36	20	17.83	17.97	18.04
		36	39	17.85	17.92	18.02
		75	0	17.89	17.91	18.05
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37850	38000	38150
20MHz	QPSK	1	0	20.66	20.73	20.67
		1	50	20.70	20.75	20.69
		1	99	20.66	20.71	20.65
		50	0	19.66	19.90	19.88
		50	25	19.64	19.86	19.89
		50	50	19.64	19.83	19.86
		100	0	19.59	19.84	19.84
	16QAM	1	0	19.62	19.87	19.87

		1	50	19.65	19.84	19.87
		1	99	19.63	19.86	19.90
		50	0	18.68	19.03	19.09
		50	25	18.71	19.07	19.13
		50	50	18.72	19.11	19.11
		100	0	18.74	19.14	19.10
	64QAM	1	0	18.70	19.10	19.08
		1	50	18.65	19.07	19.09
		1	99	18.63	19.11	19.05
		50	0	17.55	18.14	18.03
		50	25	17.50	18.12	18.04
		50	50	17.49	18.13	18.05
		100	0	17.48	18.13	18.01

LTE Band 41

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40065	40640	41215
5MHz	QPSK	1	0	20.62	20.75	20.69
		1	13	20.65	20.76	20.70
		1	24	20.63	20.73	20.70
		12	0	19.69	19.90	19.83
		12	6	19.68	19.88	19.87
		12	13	19.69	19.91	19.90
		25	0	19.66	19.96	19.95
	16QAM	1	0	19.66	20.00	19.92
		1	13	19.69	19.98	19.91
		1	24	19.73	20.03	19.88
		12	0	18.93	19.16	19.10
		12	6	18.98	19.11	19.16
		12	13	18.98	19.08	19.19
		25	0	18.99	19.08	19.21
	64QAM	1	0	19.00	19.06	19.17
		1	13	19.01	19.09	19.19
		1	24	19.00	19.10	19.23
		12	0	17.96	18.03	18.14
		12	6	17.96	17.98	18.15
		12	13	17.96	18.00	18.17
		25	0	17.99	17.97	18.22
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40090	40640	41190
10MHz	QPSK	1	0	20.70	20.74	20.70
		1	25	20.70	20.75	20.74
		1	49	20.68	20.74	20.70
		25	0	19.77	19.86	19.75
		25	12	19.73	19.88	19.70
		25	25	19.78	19.85	19.67
		50	0	19.74	19.80	19.70
	16QAM	1	0	19.69	19.85	19.69
		1	25	19.72	19.86	19.65
		1	49	19.75	19.85	19.62
		25	0	18.95	19.11	18.65
		25	12	19.00	19.17	18.69
		25	25	19.03	19.20	18.71
		50	0	19.04	19.22	18.76

	64QAM	1	0	19.09	19.26	18.76
		1	25	19.10	19.22	18.75
		1	49	19.12	19.26	18.74
		25	0	18.11	18.29	17.75
		25	12	18.12	18.24	17.80
		25	25	18.07	18.23	17.75
		50	0	18.11	18.25	17.72
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40115	40640	41165
15MHz	QPSK	1	0	20.68	20.78	20.68
		1	37	20.72	20.80	20.70
		1	74	20.67	20.75	20.65
		36	0	19.76	19.97	19.76
		36	20	19.75	19.96	19.78
		36	39	19.71	19.94	19.77
		75	0	19.67	19.89	19.73
	16QAM	1	0	19.64	19.90	19.68
		1	37	19.67	19.94	19.70
		1	74	19.71	19.98	19.67
		36	0	18.79	19.00	18.79
		36	20	18.76	19.06	18.75
		36	39	18.77	19.02	18.78
		75	0	18.78	19.04	18.83
	64QAM	1	0	18.80	19.05	18.83
		1	37	18.82	19.03	18.85
		1	74	18.81	19.07	18.87
		36	0	17.76	18.06	17.89
		36	20	17.73	18.06	17.85
		36	39	17.73	18.06	17.81
		75	0	17.73	18.04	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40140	40640	41140
20MHz	QPSK	1	0	20.72	20.79	20.74
		1	50	20.75	20.82	20.74
		1	99	20.74	20.81	20.74
		50	0	19.93	19.93	19.97
		50	25	19.92	19.96	19.96
		50	50	19.93	19.97	19.96
		100	0	19.90	19.95	20.00
	16QAM	1	0	19.90	19.96	19.98

		1	50	19.93	19.99	20.02
		1	99	19.95	19.95	19.98
		50	0	19.18	19.16	19.16
		50	25	19.24	19.15	19.18
		50	50	19.24	19.19	19.15
		100	0	19.21	19.14	19.10
	64QAM	1	0	19.26	19.17	19.15
		1	50	19.29	19.17	19.18
		1	99	19.27	19.21	19.21
		50	0	18.25	18.12	18.16
		50	25	18.28	18.17	18.12
		50	50	18.25	18.20	18.13
		100	0	18.22	18.24	18.11

LTE Band 66

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19207	19575	19943
1.4MHz	QPSK	1	0	20.99	21.17	21.02
		1	3	21.02	21.17	21.06
		1	5	20.97	21.15	21.04
		3	0	20.12	20.25	20.18
		3	1	20.10	20.26	20.20
		3	3	20.13	20.25	20.20
		6	0	20.11	20.27	20.23
	16QAM	1	0	20.06	20.25	20.22
		1	3	20.08	20.22	20.20
		1	5	20.09	20.20	20.23
		3	0	19.14	19.43	19.28
		3	1	19.13	19.38	19.25
		3	3	19.11	19.43	19.23
		6	0	19.09	19.38	19.22
	64QAM	1	0	19.07	19.34	19.23
		1	3	19.12	19.31	19.22
		1	5	19.15	19.28	19.23
		3	0	18.12	18.26	18.19
		3	1	18.13	18.25	18.22
		3	3	18.08	18.23	18.17
		6	0	18.10	18.26	18.19
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19215	19575	19935
3MHz	QPSK	1	0	21.07	21.10	21.07
		1	8	21.11	21.15	21.11
		1	14	21.06	21.14	21.10
		8	0	20.25	20.31	20.15
		8	4	20.26	20.33	20.15
		8	7	20.27	20.33	20.11
		15	0	20.27	20.37	20.15
	16QAM	1	0	20.22	20.37	20.12
		1	8	20.25	20.35	20.10
		1	14	20.25	20.37	20.11
		8	0	19.29	19.53	19.14
		8	4	19.32	19.54	19.15
		8	7	19.28	19.51	19.15
		15	0	19.32	19.56	19.12

	64QAM	1	0	19.34	19.53	19.12
		1	8	19.33	19.55	19.13
		1	14	19.38	19.54	19.17
		8	0	18.30	18.53	18.12
		8	4	18.28	18.54	18.14
		8	7	18.27	18.58	18.12
		15	0	18.31	18.60	18.15
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19225	19575	19925
5MHz	QPSK	1	0	21.14	21.19	21.06
		1	13	21.14	21.20	21.07
		1	24	21.13	21.18	21.03
		12	0	20.17	20.34	20.17
		12	6	20.19	20.36	20.19
		12	13	20.15	20.38	20.20
		25	0	20.16	20.42	20.18
	16QAM	1	0	20.17	20.46	20.20
		1	13	20.21	20.41	20.19
		1	24	20.24	20.44	20.20
		12	0	19.49	19.62	19.41
		12	6	19.45	19.60	19.38
		12	13	19.42	19.62	19.39
		25	0	19.45	19.66	19.42
	64QAM	1	0	19.48	19.68	19.41
		1	13	19.46	19.67	19.41
		1	24	19.49	19.69	19.37
		12	0	18.48	18.59	18.40
		12	6	18.47	18.57	18.35
		12	13	18.49	18.59	18.33
		25	0	18.51	18.60	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19250	19575	19900
10MHz	QPSK	1	0	21.09	21.15	21.05
		1	25	21.12	21.17	21.10
		1	49	21.07	21.17	21.06
		25	0	20.13	20.22	20.28
		25	12	20.15	20.17	20.32
		25	25	20.20	20.22	20.32
		50	0	20.19	20.19	20.27
	16QAM	1	0	20.20	20.22	20.27

		1	25	20.20	20.17	20.28
		1	49	20.16	20.22	20.27
		25	0	19.18	19.46	19.33
		25	12	19.19	19.42	19.31
		25	25	19.20	19.45	19.32
		50	0	19.18	19.43	19.32
	64QAM	1	0	19.19	19.42	19.34
		1	25	19.24	19.38	19.30
		1	49	19.28	19.42	19.26
		25	0	18.24	18.34	18.26
		25	12	18.25	18.39	18.30
		25	25	18.22	18.39	18.32
		50	0	18.19	18.35	18.29
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19275	19575	19875
15MHz	QPSK	1	0	21.09	21.14	21.06
		1	37	21.13	21.15	21.08
		1	74	21.11	21.13	21.04
		36	0	20.31	20.20	20.11
		36	20	20.29	20.15	20.07
		36	39	20.26	20.12	20.07
		75	0	20.22	20.11	20.03
	16QAM	1	0	20.17	20.11	19.99
		1	37	20.13	20.14	19.97
		1	74	20.18	20.11	20.01
		36	0	19.35	19.16	19.19
		36	20	19.29	19.20	19.20
		36	39	19.29	19.25	19.24
		75	0	19.26	19.25	19.24
	64QAM	1	0	19.23	19.27	19.21
		1	37	19.26	19.26	19.17
		1	74	19.22	19.27	19.13
		36	0	18.21	18.17	18.15
		36	20	18.23	18.13	18.15
		36	39	18.21	18.15	18.12
		75	0	18.17	18.17	18.14
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19300	19575	19850
20MHz	QPSK	1	0	21.12	21.13	21.09
		1	50	21.16	21.17	21.12

		1	99	21.14	21.15	21.08
		50	0	20.27	20.39	20.32
		50	25	20.26	20.38	20.36
		50	50	20.28	20.40	20.34
		100	0	20.30	20.44	20.31
	16QAM	1	0	20.35	20.46	20.30
		1	50	20.37	20.50	20.34
		1	99	20.39	20.49	20.34
		50	0	19.52	19.67	19.35
		50	25	19.56	19.72	19.33
		50	50	19.56	19.75	19.35
		100	0	19.52	19.75	19.39
	64QAM	1	0	19.54	19.80	19.38
		1	50	19.55	19.79	19.36
		1	99	19.56	19.81	19.39
		50	0	18.57	18.78	18.38
		50	25	18.53	18.81	18.39
		50	50	18.49	18.85	18.38
		100	0	18.46	18.83	18.43

ANT0:
DSI1

<u>Band: GSM850</u>	<u>Burst Average Power (dBm)</u>			<u>Frame Average Power (dBm)</u>		
<u>Channel</u>	128	190	251	128	190	251
<u>GSM (CS)</u>	31.64	31.54	31.49	22.64	22.54	22.49
<u>GPRS/EDGE (GMSK, 1 Tx slot)</u>	31.67	31.57	31.50	22.67	22.57	22.50
<u>GPRS/EDGE (GMSK, 2 Tx slots)</u>	29.00	28.94	28.88	23.00	22.94	22.88
<u>GPRS/EDGE (GMSK, 3 Tx slots)</u>	26.93	26.89	26.85	22.67	22.63	22.59
<u>GPRS/EDGE (GMSK, 4 Tx slots)</u>	25.96	25.93	25.90	22.96	22.93	22.90
<u>EDGE (8PSK, 1 Tx slot)</u>	26.94	26.94	26.94	17.94	17.94	17.94
<u>EDGE (8PSK, 2 Tx slots)</u>	25.24	25.37	25.34	19.24	19.37	19.34
<u>EDGE (8PSK, 3 Tx slots)</u>	23.38	23.46	23.49	19.12	19.20	19.23
<u>EDGE (8PSK, 4 Tx slots)</u>	22.04	22.05	22.17	19.04	19.05	19.17

DSI4

Band: DCS1900	Burst Average Power (dBm)			Frame Average Power (dBm)		
Channel	513	661	810	513	661	810
<u>GSM (CS)</u>	27.75	27.85	27.86	18.75	18.85	18.86
<u>GPRS/EDGE (GMSK, 1 Tx slot)</u>	27.76	27.84	27.83	18.76	18.84	18.83
<u>GPRS/EDGE (GMSK, 2 Tx slots)</u>	24.82	24.93	24.95	18.82	18.93	18.95
<u>GPRS/EDGE (GMSK, 3 Tx slots)</u>	22.82	22.92	22.94	18.56	18.66	18.68
<u>GPRS/EDGE (GMSK, 4 Tx slots)</u>	21.75	21.87	21.89	18.75	18.87	18.89
<u>EDGE (8PSK, 1 Tx slot)</u>	25.43	25.41	25.60	16.43	16.41	16.60
<u>EDGE (8PSK, 2 Tx slots)</u>	23.60	23.70	23.84	17.60	17.70	17.84
<u>EDGE (8PSK, 3 Tx slots)</u>	21.71	21.78	21.93	17.45	17.52	17.67
<u>EDGE (8PSK, 4 Tx slots)</u>	20.35	20.41	20.59	17.35	17.41	17.59

UMTS Band II		Conducted Power (dBm)		
		9262	9400	9538
WCDMA	12.2kbps RMC	19.68	19.60	19.68
	64kbps RMC	19.46	19.51	19.64
	144kbps RMC	19.44	19.48	19.67
	384kbps RMC	19.42	19.52	19.64
HSDPA	Subtest 1	18.70	18.69	18.68
	Subtest 2	18.34	18.17	18.21
	Subtest 3	18.22	18.11	18.06
	Subtest 4	18.17	18.06	17.98
HSUPA	Subtest 1	17.69	17.61	17.56
	Subtest 2	18.23	18.16	18.10
	Subtest 3	18.72	18.63	18.56
	Subtest 4	17.74	17.65	17.62
	Subtest 5	19.70	19.64	19.60

UMTS Band IV		Conducted Power (dBm)		
		1312	1412	1513
WCDMA	12.2kbps RMC	18.78	18.78	18.83
	64kbps RMC	18.71	18.73	18.78
	144kbps RMC	18.73	18.65	18.83
	384kbps RMC	18.76	18.77	18.83
HSDPA	Subtest 1	17.80	17.78	17.82
	Subtest 2	17.46	17.44	17.54
	Subtest 3	17.40	17.38	17.38
	Subtest 4	17.37	17.30	17.38
HSUPA	Subtest 1	15.88	16.39	16.40
	Subtest 2	16.90	16.89	16.88
	Subtest 3	17.40	17.39	17.42
	Subtest 4	16.41	16.39	16.42
	Subtest 5	18.34	17.82	18.26

LTE Band 2

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18607	18900	19193
1.4MHz	QPSK	1	0	20.31	20.13	20.05
		1	3	20.32	20.17	20.08
		1	5	20.29	20.12	20.07
		3	0	19.47	19.26	19.21
		3	1	19.48	19.22	19.21
		3	3	19.46	19.27	19.25
		6	0	19.47	19.30	19.25
	16QAM	1	0	19.46	19.30	19.28
		1	3	19.46	19.30	19.33
		1	5	19.44	19.26	19.30
		3	0	18.52	18.33	18.47
		3	1	18.54	18.30	18.53
		3	3	18.54	18.34	18.48
		6	0	18.49	18.32	18.44
	64QAM	1	0	18.47	18.29	18.40
		1	3	18.43	18.26	18.35
		1	5	18.46	18.22	18.31
		3	0	17.38	17.22	17.22
		3	1	17.41	17.20	17.17
		3	3	17.38	17.17	17.17
		6	0	17.38	17.18	17.18
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18615	18900	19185
3MHz	QPSK	1	0	20.29	20.21	20.06
		1	8	20.30	20.22	20.09
		1	14	20.30	20.20	20.06
		8	0	19.32	19.26	19.27
		8	4	19.35	19.27	19.25
		8	7	19.32	19.29	19.26
		15	0	19.28	19.28	19.27
	16QAM	1	0	19.26	19.30	19.25
		1	8	19.28	19.33	19.29
		1	14	19.30	19.33	19.25
		8	0	18.35	18.43	18.38
		8	4	18.34	18.47	18.36
		8	7	18.33	18.46	18.33
		15	0	18.33	18.43	18.29

	64QAM	1	0	18.32	18.41	18.33
		1	8	18.35	18.38	18.34
		1	14	18.35	18.41	18.37
		8	0	17.30	17.34	17.38
		8	4	17.31	17.34	17.38
		8	7	17.30	17.30	17.33
		15	0	17.32	17.26	17.31
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175
5MHz	QPSK	1	0	20.26	20.14	20.05
		1	13	20.27	20.19	20.09
		1	24	20.27	20.17	20.07
		12	0	19.40	19.37	19.22
		12	6	19.44	19.41	19.20
		12	13	19.47	19.40	19.22
		25	0	19.43	19.40	19.22
	16QAM	1	0	19.39	19.45	19.19
		1	13	19.38	19.47	19.16
		1	24	19.35	19.45	19.17
		12	0	18.42	18.49	18.40
		12	6	18.40	18.49	18.43
		12	13	18.38	18.52	18.44
		25	0	18.41	18.56	18.39
	64QAM	1	0	18.45	18.58	18.35
		1	13	18.42	18.61	18.31
		1	24	18.44	18.58	18.28
		12	0	17.35	17.54	17.19
		12	6	17.32	17.55	17.19
		12	13	17.32	17.51	17.18
		25	0	17.35	17.46	17.19
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18650	18900	19150
10MHz	QPSK	1	0	20.22	20.19	20.09
		1	25	20.24	20.22	20.09
		1	49	20.23	20.18	20.05
		25	0	19.41	19.36	19.13
		25	12	19.45	19.32	19.14
		25	25	19.46	19.31	19.16
		50	0	19.42	19.29	19.17
	16QAM	1	0	19.40	19.34	19.18

		1	25	19.42	19.36	19.22
		1	49	19.42	19.35	19.26
		25	0	18.58	18.52	18.45
		25	12	18.62	18.57	18.51
		25	25	18.63	18.55	18.51
		50	0	18.64	18.55	18.54
	64QAM	1	0	18.68	18.50	18.58
		1	25	18.66	18.53	18.62
		1	49	18.66	18.54	18.65
		25	0	17.64	17.48	17.57
		25	12	17.61	17.53	17.56
		25	25	17.61	17.52	17.55
		50	0	17.65	17.55	17.58
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18675	18900	19125
15MHz	QPSK	1	0	20.16	20.16	20.04
		1	37	20.20	20.19	20.08
		1	74	20.18	20.17	20.05
		36	0	19.32	19.19	19.19
		36	20	19.29	19.14	19.21
		36	39	19.31	19.13	19.17
		75	0	19.32	19.10	19.15
	16QAM	1	0	19.30	19.13	19.15
		1	37	19.31	19.13	19.11
		1	74	19.31	19.08	19.13
		36	0	18.49	18.18	18.33
		36	20	18.45	18.23	18.35
		36	39	18.46	18.19	18.38
		75	0	18.45	18.23	18.40
	64QAM	1	0	18.45	18.19	18.45
		1	37	18.41	18.20	18.47
		1	74	18.44	18.22	18.50
		36	0	17.36	17.18	17.48
		36	20	17.33	17.23	17.44
		36	39	17.32	17.22	17.43
		75	0	17.34	17.20	17.44
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18700	18900	19100
20MHz	QPSK	1	0	20.17	20.21	20.13
		1	50	20.18	20.23	20.16

		1	99	20.16	20.22	20.11
		50	0	19.18	19.29	19.18
		50	25	19.18	19.31	19.21
		50	50	19.20	19.32	19.22
		100	0	19.15	19.33	19.22
	16QAM	1	0	19.20	19.28	19.20
		1	50	19.23	19.28	19.21
		1	99	19.27	19.31	19.23
		50	0	18.47	18.54	18.27
		50	25	18.45	18.47	18.23
		50	50	18.45	18.50	18.20
		100	0	18.42	18.47	18.23
	64QAM	1	0	18.41	18.45	18.19
		1	50	18.44	18.41	18.21
		1	99	18.43	18.36	18.24
		50	0	17.34	17.33	17.19
		50	25	17.33	17.33	17.17
		50	50	17.31	17.30	17.15
		100	0	17.34	17.25	17.11

LTE Band 4

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19957	20175	20393
1.4MHz	QPSK	1	0	19.24	19.21	19.29
		1	3	19.26	19.22	19.32
		1	5	19.26	19.21	19.29
		3	0	18.27	18.41	18.54
		3	1	18.31	18.39	18.53
		3	3	18.27	18.36	18.49
		6	0	18.28	18.33	18.50
	16QAM	1	0	18.27	18.30	18.47
		1	3	18.28	18.34	18.46
		1	5	18.24	18.39	18.41
		3	0	17.49	17.41	17.45
		3	1	17.49	17.40	17.40
		3	3	17.50	17.37	17.42
		6	0	17.51	17.33	17.47
	64QAM	1	0	17.49	17.34	17.48
		1	3	17.53	17.31	17.46
		1	5	17.57	17.28	17.49
		3	0	16.52	16.22	16.45
		3	1	16.52	16.25	16.42
		3	3	16.56	16.25	16.45
		6	0	16.55	16.23	16.49
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19965	20175	20385
3MHz	QPSK	1	0	19.21	19.25	19.29
		1	8	19.25	19.28	19.33
		1	14	19.23	19.26	19.33
		8	0	18.24	18.29	18.48
		8	4	18.26	18.31	18.51
		8	7	18.21	18.31	18.53
		15	0	18.25	18.33	18.53
	16QAM	1	0	18.22	18.31	18.49
		1	8	18.23	18.32	18.44
		1	14	18.20	18.28	18.44
		8	0	17.33	17.32	17.59
		8	4	17.35	17.37	17.62
		8	7	17.36	17.42	17.58
		15	0	17.41	17.42	17.55

	64QAM	1	0	17.43	17.40	17.60
		1	8	17.42	17.43	17.57
		1	14	17.45	17.40	17.55
		8	0	16.45	16.34	16.47
		8	4	16.47	16.38	16.48
		8	7	16.45	16.39	16.46
		15	0	16.44	16.39	16.42
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375
5MHz	QPSK	1	0	19.18	19.27	19.24
		1	13	19.22	19.31	19.29
		1	24	19.18	19.28	19.26
		12	0	18.25	18.42	18.33
		12	6	18.22	18.46	18.34
		12	13	18.27	18.51	18.36
		25	0	18.31	18.56	18.33
	16QAM	1	0	18.30	18.61	18.29
		1	13	18.31	18.58	18.24
		1	24	18.33	18.57	18.27
		12	0	17.53	17.59	17.42
		12	6	17.55	17.53	17.40
		12	13	17.54	17.55	17.41
		25	0	17.50	17.51	17.40
	64QAM	1	0	17.54	17.53	17.39
		1	13	17.58	17.56	17.39
		1	24	17.54	17.52	17.35
		12	0	16.55	16.51	16.34
		12	6	16.57	16.47	16.38
		12	13	16.61	16.51	16.40
		25	0	16.59	16.50	16.38
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20000	20175	20350
10MHz	QPSK	1	0	19.23	19.25	19.24
		1	25	19.26	19.29	19.27
		1	49	19.22	19.26	19.24
		25	0	18.26	18.47	18.34
		25	12	18.30	18.50	18.32
		25	25	18.25	18.48	18.32
		50	0	18.23	18.44	18.34
	16QAM	1	0	18.23	18.48	18.30

		1	25	18.21	18.51	18.34
		1	49	18.24	18.49	18.33
		25	0	17.28	17.69	17.54
		25	12	17.23	17.70	17.56
		25	25	17.19	17.69	17.51
		50	0	17.24	17.64	17.50
	64QAM	1	0	17.24	17.59	17.55
		1	25	17.21	17.58	17.56
		1	49	17.18	17.53	17.55
		25	0	16.17	16.49	16.48
		25	12	16.16	16.49	16.46
		25	25	16.19	16.47	16.45
		50	0	16.17	16.43	16.43
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20025	20175	20325
15MHz	QPSK	1	0	19.27	19.21	19.28
		1	37	19.28	19.26	19.32
		1	74	19.24	19.23	19.27
		36	0	18.26	18.46	18.31
		36	20	18.27	18.47	18.32
		36	39	18.26	18.44	18.33
		75	0	18.25	18.44	18.31
	16QAM	1	0	18.21	18.40	18.32
		1	37	18.22	18.36	18.31
		1	74	18.22	18.33	18.35
		36	0	17.22	17.46	17.57
		36	20	17.27	17.39	17.54
		36	39	17.25	17.40	17.56
		75	0	17.24	17.41	17.56
	64QAM	1	0	17.28	17.39	17.59
		1	37	17.26	17.35	17.57
		1	74	17.30	17.33	17.61
		36	0	16.31	16.26	16.63
		36	20	16.29	16.22	16.63
		36	39	16.30	16.21	16.67
		75	0	16.26	16.22	16.63
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20050	20175	20300
20MHz	QPSK	1	0	19.28	19.35	19.31
		1	50	19.31	19.35	19.34

		1	99	19.27	19.31	19.32
		50	0	18.41	18.53	18.39
		50	25	18.46	18.53	18.41
		50	50	18.43	18.52	18.36
		100	0	18.41	18.48	18.38
	16QAM	1	0	18.38	18.43	18.43
		1	50	18.37	18.44	18.47
		1	99	18.36	18.40	18.47
		50	0	17.53	17.48	17.69
		50	25	17.56	17.43	17.62
		50	50	17.58	17.45	17.62
		100	0	17.54	17.47	17.65
	64QAM	1	0	17.55	17.43	17.68
		1	50	17.52	17.45	17.71
		1	99	17.51	17.46	17.76
		50	0	16.42	16.48	16.68
		50	25	16.41	16.50	16.71
		50	50	16.38	16.54	16.72
		100	0	16.40	16.53	16.71

LTE Band 7

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20775	21100	21425
5MHz	QPSK	1	0	21.28	21.29	21.23
		1	13	21.29	21.30	21.24
		1	24	21.28	21.27	21.21
		12	0	20.30	20.46	20.34
		12	6	20.25	20.48	20.30
		12	13	20.23	20.49	20.30
		25	0	20.27	20.45	20.27
	16QAM	1	0	20.24	20.43	20.27
		1	13	20.26	20.46	20.26
		1	24	20.30	20.50	20.30
		12	0	19.49	19.53	19.31
		12	6	19.53	19.59	19.35
		12	13	19.48	19.63	19.34
		25	0	19.46	19.66	19.35
	64QAM	1	0	19.47	19.66	19.34
		1	13	19.50	19.66	19.36
		1	24	19.55	19.62	19.37
		12	0	18.46	18.61	18.39
		12	6	18.48	18.63	18.40
		12	13	18.48	18.66	18.38
		25	0	18.44	18.65	18.43
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20800	21100	21400
10MHz	QPSK	1	0	21.33	21.31	21.18
		1	25	21.37	21.32	21.23
		1	49	21.33	21.30	21.22
		25	0	20.57	20.54	20.25
		25	12	20.54	20.53	20.20
		25	25	20.54	20.57	20.18
		50	0	20.53	20.56	20.20
	16QAM	1	0	20.58	20.51	20.20
		1	25	20.53	20.51	20.21
		1	49	20.54	20.47	20.26
		25	0	19.62	19.51	19.43
		25	12	19.64	19.56	19.46
		25	25	19.60	19.56	19.51
		50	0	19.57	19.59	19.55

	64QAM	1	0	19.57	19.61	19.57
		1	25	19.54	19.65	19.54
		1	49	19.56	19.69	19.59
		25	0	18.55	18.68	18.52
		25	12	18.52	18.66	18.55
		25	25	18.50	18.64	18.56
		50	0	18.48	18.60	18.59
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20825	21100	21375
15MHz	QPSK	1	0	21.28	21.30	21.19
		1	37	21.32	21.33	21.23
		1	74	21.28	21.30	21.20
		36	0	20.33	20.40	20.28
		36	20	20.36	20.44	20.24
		36	39	20.38	20.48	20.29
		75	0	20.41	20.47	20.24
	16QAM	1	0	20.38	20.49	20.22
		1	37	20.33	20.46	20.25
		1	74	20.34	20.51	20.21
		36	0	19.55	19.64	19.26
		36	20	19.51	19.70	19.32
		36	39	19.55	19.69	19.31
		75	0	19.60	19.70	19.29
	64QAM	1	0	19.64	19.69	19.32
		1	37	19.62	19.65	19.32
		1	74	19.65	19.70	19.34
		36	0	18.67	18.65	18.30
		36	20	18.65	18.69	18.33
		36	39	18.63	18.69	18.35
		75	0	18.60	18.68	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20850	21100	21350
20MHz	QPSK	1	0	21.24	21.33	21.26
		1	50	21.28	21.34	21.27
		1	99	21.24	21.29	21.27
		50	0	20.32	20.53	20.49
		50	25	20.28	20.55	20.51
		50	50	20.32	20.58	20.51
		100	0	20.29	20.60	20.48
	16QAM	1	0	20.24	20.62	20.46

		1	50	20.20	20.66	20.42
		1	99	20.19	20.66	20.43
		50	0	19.37	19.67	19.67
		50	25	19.40	19.64	19.72
		50	50	19.36	19.64	19.67
		100	0	19.37	19.62	19.63
	64QAM	1	0	19.37	19.63	19.63
		1	50	19.36	19.60	19.61
		1	99	19.39	19.57	19.65
		50	0	18.34	18.48	18.58
		50	25	18.32	18.43	18.54
		50	50	18.36	18.44	18.58
		100	0	18.38	18.42	18.56

LTE Band 38

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37775	38000	38225
5MHz	QPSK	1	0	22.03	22.30	22.22
		1	13	22.08	22.30	22.24
		1	24	22.04	22.25	22.24
		12	0	21.10	21.47	21.40
		12	6	21.14	21.46	21.45
		12	13	21.15	21.48	21.46
		25	0	21.18	21.47	21.44
	16QAM	1	0	21.17	21.48	21.42
		1	13	21.13	21.49	21.44
		1	24	21.17	21.53	21.41
		12	0	20.26	20.78	20.44
		12	6	20.20	20.83	20.45
		12	13	20.18	20.84	20.42
		25	0	20.16	20.88	20.39
	64QAM	1	0	20.16	20.92	20.42
		1	13	20.13	20.97	20.46
		1	24	20.14	20.95	20.48
		12	0	19.11	19.90	19.45
		12	6	19.08	19.87	19.41
		12	13	19.05	19.89	19.43
		25	0	19.06	19.89	19.46
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37800	38000	38200
10MHz	QPSK	1	0	22.10	22.24	22.18
		1	25	22.13	22.26	22.22
		1	49	22.10	22.26	22.19
		25	0	21.22	21.32	21.29
		25	12	21.18	21.27	21.25
		25	25	21.18	21.27	21.23
		50	0	21.22	21.24	21.26
	16QAM	1	0	21.25	21.25	21.24
		1	25	21.30	21.23	21.25
		1	49	21.30	21.25	21.26
		25	0	20.55	20.40	20.45
		25	12	20.55	20.33	20.46
		25	25	20.51	20.36	20.46
		50	0	20.49	20.35	20.50

	64QAM	1	0	20.52	20.31	20.47
		1	25	20.49	20.32	20.50
		1	49	20.49	20.29	20.45
		25	0	19.40	19.24	19.43
		25	12	19.36	19.25	19.46
		25	25	19.35	19.21	19.41
		50	0	19.31	19.25	19.36
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37825	38000	38175
15MHz	QPSK	1	0	22.14	22.25	22.16
		1	37	22.18	22.26	22.19
		1	74	22.16	22.24	22.15
		36	0	21.18	21.43	21.33
		36	20	21.21	21.43	21.32
		36	39	21.21	21.41	21.37
		75	0	21.24	21.40	21.41
	16QAM	1	0	21.19	21.38	21.36
		1	37	21.14	21.41	21.35
		1	74	21.12	21.45	21.34
		36	0	20.22	20.53	20.51
		36	20	20.21	20.52	20.51
		36	39	20.16	20.51	20.52
		75	0	20.15	20.53	20.55
	64QAM	1	0	20.16	20.49	20.50
		1	37	20.19	20.46	20.49
		1	74	20.23	20.45	20.46
		36	0	19.26	19.46	19.46
		36	20	19.22	19.50	19.46
		36	39	19.18	19.52	19.42
		75	0	19.16	19.55	19.43
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37850	38000	38150
20MHz	QPSK	1	0	22.18	22.23	22.20
		1	50	22.22	22.26	22.22
		1	99	22.17	22.25	22.22
		50	0	21.29	21.41	21.33
		50	25	21.28	21.41	21.33
		50	50	21.28	21.37	21.37
		100	0	21.26	21.40	21.37
		1	0	21.24	21.42	21.34
	16QAM	1	0	21.24	21.42	21.34

		1	50	21.24	21.38	21.29
		1	99	21.27	21.37	21.33
		50	0	20.34	20.39	20.55
		50	25	20.39	20.33	20.56
		50	50	20.40	20.34	20.53
		100	0	20.35	20.35	20.56
	64QAM	1	0	20.32	20.39	20.53
		1	50	20.29	20.38	20.48
		1	99	20.32	20.42	20.43
		50	0	19.29	19.35	19.41
		50	25	19.30	19.36	19.37
		50	50	19.28	19.37	19.41
		100	0	19.25	19.41	19.39

LTE Band 41

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40065	40640	41215
5MHz	QPSK	1	0	22.32	22.34	22.35
		1	13	22.33	22.35	22.35
		1	24	22.28	22.31	22.32
		12	0	21.38	21.50	21.47
		12	6	21.36	21.55	21.46
		12	13	21.31	21.50	21.48
		25	0	21.29	21.48	21.48
	16QAM	1	0	21.24	21.47	21.46
		1	13	21.26	21.43	21.44
		1	24	21.29	21.39	21.43
		12	0	20.50	20.46	20.67
		12	6	20.47	20.40	20.63
		12	13	20.46	20.36	20.67
		25	0	20.45	20.36	20.63
	64QAM	1	0	20.49	20.31	20.59
		1	13	20.51	20.30	20.54
		1	24	20.48	20.28	20.50
		12	0	19.47	19.27	19.53
		12	6	19.43	19.23	19.55
		12	13	19.40	19.19	19.58
		25	0	19.35	19.24	19.61
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40090	40640	41190
10MHz	QPSK	1	0	22.36	22.38	22.30
		1	25	22.38	22.39	22.32
		1	49	22.36	22.35	22.32
		25	0	21.55	21.45	21.47
		25	12	21.51	21.43	21.47
		25	25	21.49	21.41	21.44
		50	0	21.45	21.37	21.49
	16QAM	1	0	21.41	21.41	21.48
		1	25	21.42	21.43	21.52
		1	49	21.43	21.48	21.53
		25	0	20.55	20.67	20.66
		25	12	20.60	20.67	20.63
		25	25	20.62	20.65	20.59
		50	0	20.67	20.67	20.57

	64QAM	1	0	20.71	20.69	20.54
		1	25	20.70	20.72	20.56
		1	49	20.68	20.74	20.53
		25	0	19.63	19.70	19.55
		25	12	19.67	19.75	19.58
		25	25	19.62	19.73	19.61
		50	0	19.60	19.68	19.59
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40115	40640	41165
15MHz	QPSK	1	0	22.30	22.30	22.25
		1	37	22.33	22.35	22.29
		1	74	22.28	22.32	22.27
		36	0	21.40	21.35	21.31
		36	20	21.41	21.39	21.33
		36	39	21.41	21.42	21.33
		75	0	21.41	21.38	21.37
	16QAM	1	0	21.43	21.39	21.38
		1	37	21.44	21.42	21.40
		1	74	21.42	21.46	21.37
		36	0	20.57	20.49	20.47
		36	20	20.57	20.54	20.51
		36	39	20.52	20.58	20.51
		75	0	20.52	20.61	20.56
	64QAM	1	0	20.48	20.56	20.59
		1	37	20.50	20.57	20.54
		1	74	20.54	20.61	20.57
		36	0	19.56	19.58	19.54
		36	20	19.51	19.61	19.59
		36	39	19.54	19.64	19.58
		75	0	19.59	19.67	19.62
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40140	40640	41140
20MHz	QPSK	1	0	22.36	22.37	22.27
		1	50	22.38	22.38	22.30
		1	99	22.37	22.35	22.26
		50	0	21.50	21.57	21.49
		50	25	21.49	21.58	21.48
		50	50	21.52	21.58	21.49
		100	0	21.48	21.58	21.44
	16QAM	1	0	21.50	21.59	21.45

		1	50	21.46	21.54	21.50
		1	99	21.50	21.50	21.54
		50	0	20.52	20.72	20.55
		50	25	20.58	20.71	20.55
		50	50	20.60	20.71	20.53
		100	0	20.61	20.72	20.53
	64QAM	1	0	20.66	20.72	20.52
		1	50	20.65	20.72	20.53
		1	99	20.65	20.68	20.52
		50	0	19.57	19.65	19.54
		50	25	19.54	19.60	19.52
		50	50	19.56	19.60	19.52
		100	0	19.51	19.63	19.47

LTE Band 66

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19207	19575	19943
1.4MHz	QPSK	1	0	19.05	19.07	19.10
		1	3	19.07	19.11	19.14
		1	5	19.06	19.08	19.09
		3	0	18.18	18.13	18.32
		3	1	18.16	18.10	18.33
		3	3	18.21	18.06	18.37
		6	0	18.23	18.07	18.35
	16QAM	1	0	18.18	18.06	18.32
		1	3	18.18	18.05	18.29
		1	5	18.15	18.03	18.32
		3	0	17.30	17.17	17.36
		3	1	17.31	17.15	17.35
		3	3	17.35	17.13	17.34
		6	0	17.36	17.17	17.35
	64QAM	1	0	17.32	17.19	17.33
		1	3	17.34	17.16	17.34
		1	5	17.32	17.12	17.38
		3	0	16.32	16.03	16.35
		3	1	16.29	16.07	16.38
		3	3	16.31	16.09	16.33
		6	0	16.28	16.06	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19215	19575	19935
3MHz	QPSK	1	0	19.04	19.09	19.08
		1	8	19.07	19.13	19.10
		1	14	19.02	19.13	19.09
		8	0	18.20	18.16	18.22
		8	4	18.23	18.18	18.20
		8	7	18.24	18.19	18.24
		15	0	18.22	18.17	18.21
	16QAM	1	0	18.26	18.13	18.22
		1	8	18.29	18.10	18.23
		1	14	18.28	18.09	18.26
		8	0	17.46	17.17	17.39
		8	4	17.40	17.11	17.35
		8	7	17.39	17.12	17.33
		15	0	17.37	17.11	17.29

	64QAM	1	0	17.34	17.08	17.28
		1	8	17.36	17.04	17.31
		1	14	17.33	17.03	17.35
		8	0	16.30	16.01	16.36
		8	4	16.31	16.03	16.39
		8	7	16.29	16.03	16.34
		15	0	16.32	16.00	16.37
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19225	19575	19925
5MHz	QPSK	1	0	19.10	19.14	19.09
		1	13	19.11	19.15	19.09
		1	24	19.07	19.11	19.09
		12	0	18.20	18.22	18.17
		12	6	18.23	18.22	18.14
		12	13	18.27	18.20	18.13
		25	0	18.24	18.20	18.13
	16QAM	1	0	18.28	18.16	18.09
		1	13	18.25	18.18	18.11
		1	24	18.24	18.15	18.09
		12	0	17.33	17.32	17.25
		12	6	17.26	17.31	17.31
		12	13	17.26	17.26	17.35
		25	0	17.27	17.26	17.30
	64QAM	1	0	17.31	17.26	17.30
		1	13	17.31	17.28	17.34
		1	24	17.27	17.25	17.38
		12	0	16.21	16.19	16.34
		12	6	16.22	16.20	16.38
		12	13	16.25	16.24	16.35
		25	0	16.26	16.28	16.36
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19250	19575	19900
10MHz	QPSK	1	0	19.12	19.09	19.12
		1	25	19.14	19.10	19.14
		1	49	19.10	19.10	19.13
		25	0	18.25	18.20	18.18
		25	12	18.21	18.17	18.18
		25	25	18.18	18.16	18.14
		50	0	18.22	18.13	18.18
	16QAM	1	0	18.22	18.13	18.22

		1	25	18.21	18.12	18.19
		1	49	18.18	18.16	18.14
		25	0	17.35	17.39	17.31
		25	12	17.41	17.33	17.36
		25	25	17.37	17.36	17.40
		50	0	17.41	17.34	17.38
	64QAM	1	0	17.37	17.38	17.33
		1	25	17.36	17.41	17.32
		1	49	17.40	17.44	17.27
		25	0	16.37	16.39	16.24
		25	12	16.37	16.35	16.24
		25	25	16.32	16.33	16.25
		50	0	16.36	16.34	16.29
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19275	19575	19875
15MHz	QPSK	1	0	19.07	19.06	19.13
		1	37	19.10	19.11	19.17
		1	74	19.08	19.09	19.13
		36	0	18.17	18.31	18.29
		36	20	18.22	18.31	18.31
		36	39	18.22	18.27	18.32
		75	0	18.23	18.28	18.30
	16QAM	1	0	18.25	18.33	18.31
		1	37	18.23	18.29	18.27
		1	74	18.22	18.32	18.27
		36	0	17.39	17.51	17.41
		36	20	17.45	17.53	17.41
		36	39	17.49	17.53	17.39
		75	0	17.53	17.55	17.35
	64QAM	1	0	17.57	17.51	17.35
		1	37	17.56	17.55	17.33
		1	74	17.60	17.56	17.38
		36	0	16.50	16.46	16.31
		36	20	16.45	16.44	16.27
		36	39	16.49	16.46	16.26
		75	0	16.53	16.49	16.28
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19300	19575	19850
20MHz	QPSK	1	0	19.14	19.15	19.12
		1	50	19.15	19.16	19.16

		1	99	19.12	19.12	19.14
		50	0	18.29	18.26	18.24
		50	25	18.32	18.29	18.23
		50	50	18.28	18.29	18.19
		100	0	18.25	18.26	18.16
	16QAM	1	0	18.22	18.29	18.12
		1	50	18.23	18.26	18.08
		1	99	18.21	18.24	18.07
		50	0	17.43	17.26	17.27
		50	25	17.43	17.27	17.31
		50	50	17.45	17.25	17.33
		100	0	17.48	17.29	17.33
	64QAM	1	0	17.45	17.30	17.30
		1	50	17.49	17.34	17.31
		1	99	17.49	17.32	17.26
		50	0	16.51	16.33	16.17
		50	25	16.49	16.38	16.18
		50	50	16.45	16.43	16.19
		100	0	16.49	16.39	16.14

ANT1:
DSI2

<u>Band: GSM850</u>	<u>Burst Average Power (dBm)</u>			<u>Frame Average Power (dBm)</u>		
<u>Channel</u>	128	190	251	128	190	251
<u>GSM (CS)</u>	27.91	27.83	27.83	18.91	18.83	18.83
<u>GPRS/EDGE (GMSK, 1 Tx slot)</u>	27.92	27.85	27.84	18.92	18.85	18.84
<u>GPRS/EDGE (GMSK, 2 Tx slots)</u>	24.80	24.76	24.76	18.80	18.76	18.76
<u>GPRS/EDGE (GMSK, 3 Tx slots)</u>	22.79	22.77	22.77	18.53	18.51	18.51
<u>GPRS/EDGE (GMSK, 4 Tx slots)</u>	21.81	21.79	21.80	18.81	18.79	18.80
<u>EDGE (8PSK, 1 Tx slot)</u>	26.57	26.37	26.36	17.57	17.37	17.36
<u>EDGE (8PSK, 2 Tx slots)</u>	24.71	24.69	24.62	18.71	18.69	18.62
<u>EDGE (8PSK, 3 Tx slots)</u>	22.66	22.62	22.61	18.40	18.36	18.35
<u>EDGE (8PSK, 4 Tx slots)</u>	21.19	21.16	21.08	18.19	18.16	18.08

Band: DCS1900	Burst Average Power (dBm)			Frame Average Power (dBm)		
<u>Channel</u>	513	661	810	513	661	810
<u>GSM (CS)</u>	25.05	24.99	24.83	16.05	15.99	15.83
<u>GPRS/EDGE (GMSK, 1 Tx slot)</u>	25.05	24.98	24.81	16.05	15.98	15.81
<u>GPRS/EDGE (GMSK, 2 Tx slots)</u>	21.98	21.93	21.76	15.98	15.93	15.76
<u>GPRS/EDGE (GMSK, 3 Tx slots)</u>	20.02	19.95	19.73	15.76	15.69	15.47
<u>GPRS/EDGE (GMSK, 4 Tx slots)</u>	19.09	19.01	18.80	16.09	16.01	15.80
<u>EDGE (8PSK, 1 Tx slot)</u>	25.51	25.56	25.43	16.51	16.56	16.43
<u>EDGE (8PSK, 2 Tx slots)</u>	23.87	23.84	23.70	17.87	17.84	17.70
<u>EDGE (8PSK, 3 Tx slots)</u>	22.00	21.90	21.73	17.74	17.64	17.47
<u>EDGE (8PSK, 4 Tx slots)</u>	20.57	20.51	20.41	17.57	17.51	17.41

UMTS Band II		Conducted Power (dBm)		
		9262	9400	9538
WCDMA	12.2kbps RMC	15.62	15.65	15.75
	64kbps RMC	15.40	15.56	15.71
	144kbps RMC	15.38	15.53	15.74
	384kbps RMC	15.36	15.57	15.71
HSDPA	Subtest 1	14.70	14.82	14.83
	Subtest 2	14.32	14.30	14.27
	Subtest 3	14.18	14.25	14.22
	Subtest 4	14.17	14.16	14.19
HSUPA	Subtest 1	13.72	13.73	13.76
	Subtest 2	14.21	14.26	14.25
	Subtest 3	14.75	14.76	14.80
	Subtest 4	13.77	13.77	13.79
	Subtest 5	15.64	15.65	15.68

UMTS Band IV		Conducted Power (dBm)		
		1312	1412	1513
WCDMA	12.2kbps RMC	16.71	16.73	16.76
	64kbps RMC	16.64	16.68	16.71
	144kbps RMC	16.66	16.60	16.76
	384kbps RMC	16.69	16.72	16.76
HSDPA	Subtest 1	15.76	15.75	15.73
	Subtest 2	15.36	15.39	15.34
	Subtest 3	15.26	15.23	15.24
	Subtest 4	15.25	15.20	15.24
HSUPA	Subtest 1	13.85	14.35	14.33
	Subtest 2	14.82	14.83	14.83
	Subtest 3	15.28	15.27	15.28
	Subtest 4	14.35	14.35	14.37
	Subtest 5	16.30	16.29	16.27

UMTS Band V		Conducted Power (dBm)		
		4133	4175	4232
WCDMA	12.2kbps RMC	18.83	18.81	18.79
	64kbps RMC	18.76	18.76	18.74
	144kbps RMC	18.78	18.69	18.79
	384kbps RMC	18.82	18.80	18.79
HSDPA	Subtest 1	17.99	17.91	17.86
	Subtest 2	17.55	17.49	17.45
	Subtest 3	17.46	17.39	17.36
	Subtest 4	17.43	17.36	17.33
HSUPA	Subtest 1	15.94	16.40	16.37
	Subtest 2	16.96	16.89	16.88
	Subtest 3	17.45	17.41	17.39
	Subtest 4	16.45	16.43	16.41
	Subtest 5	18.44	17.87	18.33

LTE Band 2

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18607	18900	19193
1.4MHz	QPSK	1	0	15.95	16.01	16.23
		1	3	15.97	16.05	16.24
		1	5	15.93	16.01	16.23
		3	0	15.02	15.24	15.39
		3	1	15.04	15.23	15.37
		3	3	15.01	15.19	15.36
		6	0	14.99	15.20	15.35
	16QAM	1	0	14.98	15.17	15.36
		1	3	14.98	15.15	15.38
		1	5	15.02	15.13	15.37
		3	0	14.24	14.18	14.39
		3	1	14.22	14.15	14.40
		3	3	14.24	14.11	14.44
		6	0	14.26	14.15	14.42
	64QAM	1	0	14.22	14.12	14.37
		1	3	14.26	14.15	14.35
		1	5	14.28	14.17	14.30
		3	0	13.29	13.10	13.24
		3	1	13.34	13.12	13.27
		3	3	13.38	13.15	13.25
		6	0	13.37	13.17	13.28
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18615	18900	19185
3MHz	QPSK	1	0	16.01	16.09	16.22
		1	8	16.02	16.11	16.22
		1	14	16.01	16.10	16.19
		8	0	15.09	15.16	15.44
		8	4	15.14	15.21	15.39
		8	7	15.12	15.16	15.40
		15	0	15.13	15.15	15.42
	16QAM	1	0	15.15	15.15	15.39
		1	8	15.11	15.11	15.44
		1	14	15.09	15.15	15.39
		8	0	14.11	14.32	14.54
		8	4	14.15	14.32	14.55
		8	7	14.14	14.32	14.57
		15	0	14.14	14.33	14.58

	64QAM	1	0	14.16	14.31	14.54
		1	8	14.17	14.31	14.53
		1	14	14.20	14.28	14.53
		8	0	13.22	13.27	13.43
		8	4	13.24	13.23	13.38
		8	7	13.26	13.26	13.36
		15	0	13.22	13.24	13.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175
5MHz	QPSK	1	0	15.98	16.11	16.17
		1	13	15.99	16.15	16.20
		1	24	15.98	16.14	16.16
		12	0	15.17	15.21	15.41
		12	6	15.18	15.23	15.43
		12	13	15.18	15.19	15.39
		25	0	15.16	15.15	15.37
	16QAM	1	0	15.21	15.10	15.40
		1	13	15.20	15.11	15.38
		1	24	15.15	15.16	15.39
		12	0	14.17	14.30	14.62
		12	6	14.11	14.28	14.68
		12	13	14.08	14.26	14.70
		25	0	14.10	14.27	14.67
	64QAM	1	0	14.07	14.23	14.62
		1	13	14.09	14.19	14.61
		1	24	14.13	14.17	14.62
		12	0	13.12	13.09	13.59
		12	6	13.09	13.04	13.64
		12	13	13.05	13.00	13.67
		25	0	13.06	13.00	13.64
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18650	18900	19150
10MHz	QPSK	1	0	16.01	16.16	16.21
		1	25	16.02	16.17	16.23
		1	49	16.02	16.15	16.20
		25	0	15.05	15.40	15.28
		25	12	15.03	15.39	15.30
		25	25	15.02	15.43	15.27
		50	0	15.00	15.39	15.30
	16QAM	1	0	15.00	15.38	15.25

		1	25	14.99	15.40	15.25
		1	49	14.94	15.44	15.24
		25	0	14.02	14.62	14.38
		25	12	13.98	14.56	14.42
		25	25	14.03	14.52	14.47
		50	0	14.07	14.50	14.48
	64QAM	1	0	14.11	14.51	14.48
		1	25	14.14	14.46	14.53
		1	49	14.15	14.48	14.57
		25	0	13.14	13.46	13.55
		25	12	13.15	13.42	13.59
		25	25	13.20	13.41	13.63
		50	0	13.20	13.36	13.63
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18675	18900	19125
15MHz	QPSK	1	0	16.04	16.17	16.17
		1	37	16.06	16.17	16.19
		1	74	16.05	16.13	16.16
		36	0	15.06	15.19	15.29
		36	20	15.03	15.16	15.32
		36	39	15.01	15.20	15.29
		75	0	14.99	15.21	15.31
	16QAM	1	0	15.04	15.19	15.33
		1	37	15.03	15.22	15.31
		1	74	15.08	15.26	15.27
		36	0	14.31	14.28	14.33
		36	20	14.36	14.32	14.37
		36	39	14.31	14.30	14.32
		75	0	14.32	14.34	14.31
	64QAM	1	0	14.37	14.37	14.33
		1	37	14.34	14.33	14.36
		1	74	14.34	14.35	14.41
		36	0	13.27	13.25	13.39
		36	20	13.23	13.27	13.34
		36	39	13.27	13.22	13.35
		75	0	13.31	13.22	13.39
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18700	18900	19100
20MHz	QPSK	1	0	16.13	16.16	16.11
		1	50	16.13	16.20	16.15

		1	99	16.08	16.18	16.14
		50	0	15.28	15.37	15.35
		50	25	15.27	15.39	15.39
		50	50	15.26	15.43	15.37
		100	0	15.28	15.43	15.38
	16QAM	1	0	15.33	15.48	15.42
		1	50	15.36	15.50	15.37
		1	99	15.38	15.48	15.41
		50	0	14.62	14.57	14.43
		50	25	14.67	14.51	14.43
		50	50	14.63	14.49	14.39
		100	0	14.62	14.53	14.40
	64QAM	1	0	14.65	14.54	14.43
		1	50	14.64	14.51	14.44
		1	99	14.67	14.46	14.41
		50	0	13.60	13.41	13.31
		50	25	13.64	13.46	13.30
		50	50	13.68	13.43	13.26
		100	0	13.66	13.48	13.22

LTE Band 4

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19957	20175	20393
1.4MHz	QPSK	1	0	17.16	17.16	17.31
		1	3	17.21	17.17	17.34
		1	5	17.16	17.14	17.33
		3	0	16.24	16.37	16.43
		3	1	16.23	16.36	16.44
		3	3	16.19	16.37	16.42
		6	0	16.24	16.33	16.38
	16QAM	1	0	16.20	16.35	16.42
		1	3	16.16	16.32	16.40
		1	5	16.11	16.36	16.41
		3	0	15.34	15.39	15.49
		3	1	15.30	15.39	15.43
		3	3	15.30	15.41	15.45
		6	0	15.34	15.37	15.46
	64QAM	1	0	15.36	15.39	15.47
		1	3	15.41	15.36	15.46
		1	5	15.37	15.34	15.42
		3	0	14.37	14.29	14.43
		3	1	14.41	14.31	14.47
		3	3	14.44	14.31	14.46
		6	0	14.42	14.32	14.42
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19965	20175	20385
3MHz	QPSK	1	0	17.24	17.23	17.33
		1	8	17.27	17.23	17.37
		1	14	17.25	17.20	17.35
		8	0	16.31	16.35	16.55
		8	4	16.31	16.37	16.59
		8	7	16.27	16.41	16.58
		15	0	16.26	16.42	16.58
	16QAM	1	0	16.29	16.45	16.58
		1	8	16.31	16.41	16.58
		1	14	16.31	16.42	16.54
		8	0	15.53	15.55	15.72
		8	4	15.58	15.55	15.67
		8	7	15.58	15.60	15.67
		15	0	15.61	15.58	15.63

	64QAM	1	0	15.65	15.62	15.62
		1	8	15.64	15.59	15.66
		1	14	15.64	15.63	15.69
		8	0	14.61	14.53	14.65
		8	4	14.57	14.50	14.70
		8	7	14.56	14.52	14.73
		15	0	14.60	14.50	14.69
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375
5MHz	QPSK	1	0	17.23	17.19	17.33
		1	13	17.28	17.20	17.36
		1	24	17.25	17.16	17.32
		12	0	16.49	16.29	16.39
		12	6	16.47	16.34	16.38
		12	13	16.50	16.31	16.40
		25	0	16.54	16.28	16.44
	16QAM	1	0	16.58	16.23	16.43
		1	13	16.56	16.20	16.44
		1	24	16.59	16.23	16.43
		12	0	15.64	15.25	15.56
		12	6	15.68	15.21	15.57
		12	13	15.65	15.17	15.53
		25	0	15.67	15.17	15.51
	64QAM	1	0	15.66	15.18	15.48
		1	13	15.61	15.17	15.46
		1	24	15.59	15.22	15.50
		12	0	14.61	14.20	14.52
		12	6	14.59	14.23	14.55
		12	13	14.58	14.21	14.53
		25	0	14.60	14.20	14.54
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20000	20175	20350
10MHz	QPSK	1	0	17.22	17.22	17.29
		1	25	17.24	17.22	17.32
		1	49	17.21	17.19	17.28
		25	0	16.24	16.35	16.50
		25	12	16.24	16.34	16.52
		25	25	16.26	16.30	16.48
		50	0	16.30	16.30	16.49
	16QAM	1	0	16.30	16.26	16.47

		1	25	16.33	16.27	16.45
		1	49	16.35	16.32	16.41
		25	0	15.39	15.44	15.63
		25	12	15.40	15.41	15.69
		25	25	15.39	15.38	15.69
		50	0	15.35	15.37	15.68
	64QAM	1	0	15.40	15.34	15.67
		1	25	15.43	15.33	15.70
		1	49	15.44	15.33	15.74
		25	0	14.38	14.30	14.74
		25	12	14.36	14.33	14.73
		25	25	14.35	14.36	14.76
		50	0	14.36	14.38	14.76
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20025	20175	20325
15MHz	QPSK	1	0	17.15	17.23	17.24
		1	37	17.20	17.27	17.29
		1	74	17.18	17.22	17.26
		36	0	16.31	16.29	16.45
		36	20	16.35	16.31	16.45
		36	39	16.35	16.35	16.49
		75	0	16.34	16.37	16.48
	16QAM	1	0	16.34	16.35	16.44
		1	37	16.38	16.31	16.43
		1	74	16.41	16.35	16.46
		36	0	15.64	15.55	15.57
		36	20	15.62	15.54	15.52
		36	39	15.63	15.55	15.50
		75	0	15.61	15.51	15.46
	64QAM	1	0	15.66	15.55	15.46
		1	37	15.67	15.56	15.49
		1	74	15.66	15.59	15.45
		36	0	14.58	14.56	14.35
		36	20	14.59	14.55	14.34
		36	39	14.63	14.59	14.38
		75	0	14.60	14.56	14.37
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20050	20175	20300
20MHz	QPSK	1	0	17.20	17.24	17.24
		1	50	17.23	17.29	17.28

		1	99	17.20	17.28	17.26
		50	0	16.35	16.36	16.37
		50	25	16.37	16.31	16.38
		50	50	16.33	16.34	16.33
		100	0	16.29	16.31	16.34
	16QAM	1	0	16.29	16.33	16.34
		1	50	16.28	16.30	16.36
		1	99	16.32	16.30	16.38
		50	0	15.48	15.53	15.57
		50	25	15.50	15.51	15.58
		50	50	15.50	15.55	15.54
		100	0	15.51	15.58	15.58
	64QAM	1	0	15.49	15.58	15.56
		1	50	15.48	15.63	15.55
		1	99	15.48	15.67	15.52
		50	0	14.42	14.65	14.45
		50	25	14.46	14.62	14.48
		50	50	14.43	14.62	14.47
		100	0	14.41	14.59	14.48

LTE Band 5

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20407	20525	20643
1.4MHz	QPSK	1	0	19.06	19.16	19.21
		1	3	19.08	19.19	19.21
		1	5	19.08	19.18	19.17
		3	0	18.14	18.28	18.35
		3	1	18.17	18.27	18.31
		3	3	18.12	18.30	18.27
		6	0	18.16	18.32	18.30
	16QAM	1	0	18.18	18.27	18.28
		1	3	18.18	18.26	18.30
		1	5	18.20	18.25	18.32
		3	0	17.45	17.41	17.33
		3	1	17.39	17.43	17.38
		3	3	17.40	17.42	17.34
		6	0	17.39	17.41	17.33
	64QAM	1	0	17.35	17.38	17.36
		1	3	17.31	17.40	17.32
		1	5	17.30	17.36	17.35
		3	0	16.24	16.38	16.35
		3	1	16.24	16.37	16.35
		3	3	16.22	16.39	16.36
		6	0	16.25	16.37	16.39
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20415	20525	20635
3MHz	QPSK	1	0	19.13	19.12	19.17
		1	8	19.15	19.17	19.17
		1	14	19.11	19.15	19.17
		8	0	18.22	18.23	18.34
		8	4	18.18	18.18	18.36
		8	7	18.19	18.16	18.33
		15	0	18.16	18.20	18.37
	16QAM	1	0	18.19	18.15	18.41
		1	8	18.18	18.19	18.46
		1	14	18.18	18.20	18.42
		8	0	17.19	17.41	17.45
		8	4	17.23	17.42	17.40
		8	7	17.27	17.38	17.45
		15	0	17.25	17.42	17.41

	64QAM	1	0	17.27	17.44	17.41
		1	8	17.27	17.43	17.42
		1	14	17.22	17.47	17.45
		8	0	16.16	16.47	16.38
		8	4	16.15	16.44	16.41
		8	7	16.13	16.46	16.37
		15	0	16.15	16.50	16.34
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20425	20525	20625
5MHz	QPSK	1	0	19.08	19.11	19.13
		1	13	19.10	19.12	19.16
		1	24	19.07	19.07	19.11
		12	0	18.27	18.15	18.22
		12	6	18.26	18.12	18.25
		12	13	18.28	18.11	18.21
		25	0	18.33	18.15	18.21
	16QAM	1	0	18.34	18.18	18.19
		1	13	18.38	18.21	18.21
		1	24	18.33	18.18	18.23
		12	0	17.59	17.30	17.38
		12	6	17.63	17.32	17.37
		12	13	17.60	17.34	17.35
		25	0	17.57	17.33	17.31
	64QAM	1	0	17.54	17.36	17.30
		1	13	17.52	17.34	17.29
		1	24	17.50	17.33	17.29
		12	0	16.49	16.26	16.20
		12	6	16.46	16.26	16.15
		12	13	16.41	16.27	16.18
		25	0	16.43	16.30	16.15
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20450	20525	20600
10MHz	QPSK	1	0	19.11	19.16	19.10
		1	25	19.15	19.16	19.14
		1	49	19.12	19.13	19.09
		25	0	18.16	18.31	18.30
		25	12	18.12	18.29	18.34
		25	25	18.08	18.32	18.34
		50	0	18.06	18.32	18.36
	16QAM	1	0	18.05	18.31	18.37

		1	25	18.06	18.31	18.38
		1	49	18.07	18.35	18.38
		25	0	17.19	17.43	17.40
		25	12	17.18	17.43	17.36
		25	25	17.19	17.48	17.33
		50	0	17.20	17.43	17.29
	64QAM	1	0	17.22	17.39	17.26
		1	25	17.27	17.42	17.25
		1	49	17.24	17.41	17.22
		25	0	16.17	16.33	16.22
		25	12	16.16	16.30	16.19
		25	25	16.17	16.28	16.19
		50	0	16.18	16.26	16.18

LTE Band 7

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20775	21100	21425
5MHz	QPSK	1	0	15.81	15.78	15.67
		1	13	15.82	15.83	15.70
		1	24	15.79	15.79	15.68
		12	0	14.99	14.83	14.82
		12	6	15.01	14.82	14.79
		12	13	15.01	14.85	14.80
		25	0	14.99	14.82	14.77
	16QAM	1	0	14.97	14.86	14.74
		1	13	14.93	14.87	14.77
		1	24	14.94	14.83	14.77
		12	0	13.94	13.91	14.02
		12	6	13.93	13.84	14.05
		12	13	13.90	13.84	14.08
		25	0	13.88	13.81	14.07
	64QAM	1	0	13.87	13.79	14.10
		1	13	13.86	13.81	14.11
		1	24	13.88	13.80	14.12
		12	0	12.82	12.83	13.09
		12	6	12.83	12.79	13.09
		12	13	12.81	12.80	13.12
		25	0	12.82	12.80	13.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20800	21100	21400
10MHz	QPSK	1	0	15.85	15.82	15.73
		1	25	15.86	15.85	15.77
		1	49	15.83	15.85	15.74
		25	0	14.86	15.00	14.81
		25	12	14.84	15.02	14.83
		25	25	14.81	15.02	14.87
		50	0	14.82	15.00	14.86
	16QAM	1	0	14.85	14.98	14.90
		1	25	14.86	14.95	14.92
		1	49	14.83	14.97	14.94
		25	0	13.92	14.12	14.08
		25	12	13.96	14.06	14.03
		25	25	13.96	14.07	13.98
		50	0	13.95	14.05	13.99

	64QAM	1	0	13.96	14.02	13.97
		1	25	13.93	14.04	13.99
		1	49	13.95	14.01	13.98
		25	0	12.90	12.98	12.94
		25	12	12.92	13.03	12.93
		25	25	12.93	13.01	12.93
		50	0	12.91	13.01	12.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20825	21100	21375
15MHz	QPSK	1	0	15.83	15.80	15.75
		1	37	15.84	15.82	15.79
		1	74	15.80	15.77	15.74
		36	0	14.94	15.02	14.97
		36	20	14.94	15.04	15.02
		36	39	14.98	15.03	15.00
		75	0	15.02	15.02	15.02
	16QAM	1	0	14.99	14.98	15.05
		1	37	14.94	14.94	15.07
		1	74	14.94	14.94	15.06
		36	0	13.98	14.18	14.24
		36	20	14.04	14.22	14.28
		36	39	14.08	14.17	14.24
		75	0	14.08	14.18	14.27
	64QAM	1	0	14.07	14.19	14.30
		1	37	14.11	14.16	14.34
		1	74	14.15	14.13	14.30
		36	0	13.09	13.07	13.22
		36	20	13.07	13.08	13.24
		36	39	13.05	13.12	13.24
		75	0	13.09	13.09	13.24
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20850	21100	21350
20MHz	QPSK	1	0	15.78	15.81	15.78
		1	50	15.82	15.84	15.81
		1	99	15.81	15.80	15.78
		50	0	15.00	14.97	15.02
		50	25	14.98	14.95	14.99
		50	50	14.94	14.99	14.98
		100	0	14.95	14.94	14.95
		1	0	14.92	14.93	14.98
	16QAM	1	0	14.92	14.93	14.98

		1	50	14.87	14.93	15.01
		1	99	14.87	14.89	15.05
		50	0	14.00	14.04	14.18
		50	25	14.04	14.07	14.12
		50	50	13.99	14.02	14.16
		100	0	13.96	14.05	14.18
	64QAM	1	0	13.96	14.03	14.13
		1	50	13.96	14.00	14.17
		1	99	14.00	14.05	14.19
		50	0	13.02	13.07	13.13
		50	25	13.04	13.11	13.08
		50	50	13.07	13.14	13.13
		100	0	13.07	13.17	13.09

LTE Band 13

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				23205	23230	23255
5MHz	QPSK	1	0	22.01	22.03	21.99
		1	13	22.03	22.05	22.02
		1	24	22.02	22.05	21.98
		12	0	21.07	21.17	21.22
		12	6	21.07	21.15	21.25
		12	13	21.03	21.16	21.25
		25	0	21.00	21.15	21.21
	16QAM	1	0	20.98	21.10	21.25
		1	13	21.02	21.07	21.28
		1	24	20.98	21.03	21.25
		12	0	20.04	20.05	20.34
		12	6	19.99	19.99	20.35
		12	13	19.98	20.00	20.31
		25	0	19.96	20.01	20.33
	64QAM	1	0	19.94	19.98	20.31
		1	13	19.93	19.94	20.29
		1	24	19.96	19.93	20.34
		12	0	18.87	18.94	19.36
		12	6	18.83	18.98	19.36
		12	13	18.85	18.96	19.40
		25	0	18.88	18.92	19.45

Bandwidth	Modulation	RB size	RB offset	Channel
				23230
10MHz	QPSK	1	0	22.05
		1	25	22.07
		1	49	22.05
		25	0	21.19
		25	12	21.22
		25	25	21.25
		50	0	21.22
	16QAM	1	0	21.20
		1	25	21.19
		1	49	21.21
		25	0	20.33
		25	12	20.36
		25	25	20.38
		50	0	20.33
	64QAM	1	0	20.33
		1	25	20.32
		1	49	20.28
		25	0	19.30
		25	12	19.33

		25	25	19.32
		50	0	19.31

LTE Band 26

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26697	26865	27033
1.4MHz	QPSK	1	0	20.52	20.60	20.58
		1	13	20.55	20.61	20.59
		1	24	20.52	20.58	20.57
		12	0	19.69	19.76	19.78
		12	6	19.64	19.78	19.77
		12	13	19.64	19.81	19.75
		25	0	19.65	19.79	19.79
	16QAM	1	0	19.68	19.79	19.83
		1	13	19.65	19.74	19.83
		1	24	19.66	19.75	19.82
		12	0	18.70	18.75	18.92
		12	6	18.71	18.74	18.91
		12	13	18.67	18.76	18.92
		25	0	18.62	18.78	18.87
	64QAM	1	0	18.61	18.79	18.86
		1	13	18.60	18.76	18.89
		1	24	18.65	18.75	18.87
		12	0	17.66	17.69	17.88
		12	6	17.68	17.73	17.84
		12	13	17.67	17.71	17.79
		25	0	17.65	17.75	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26705	26865	27025
3MHz	QPSK	1	0	20.58	20.60	20.54
		1	13	20.59	20.65	20.59
		1	24	20.56	20.61	20.55
		12	0	19.65	19.79	19.68
		12	6	19.63	19.76	19.72
		12	13	19.61	19.71	19.71
		25	0	19.59	19.69	19.67
	16QAM	1	0	19.61	19.65	19.63
		1	13	19.57	19.63	19.59
		1	24	19.61	19.67	19.59
		12	0	18.70	18.73	18.63
		12	6	18.70	18.79	18.65
		12	13	18.66	18.74	18.69
		25	0	18.62	18.70	18.67
	64QAM	1	0	18.60	18.67	18.62
		1	13	18.63	18.67	18.58

		1	24	18.64	18.66	18.58
		12	0	17.54	17.62	17.51
		12	6	17.59	17.61	17.55
		12	13	17.56	17.57	17.50
		25	0	17.57	17.60	17.49
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26715	26865	27015
5MHz	QPSK	1	0	20.56	20.60	20.56
		1	13	20.56	20.61	20.58
		1	24	20.55	20.57	20.55
		12	0	19.75	19.57	19.59
		12	6	19.76	19.53	19.62
		12	13	19.79	19.54	19.65
		25	0	19.80	19.54	19.67
	16QAM	1	0	19.80	19.59	19.64
		1	13	19.75	19.57	19.60
		1	24	19.70	19.61	19.57
		12	0	18.88	18.64	18.58
		12	6	18.91	18.63	18.57
		12	13	18.95	18.66	18.60
		25	0	18.99	18.69	18.63
	64QAM	1	0	18.96	18.69	18.63
		1	13	18.94	18.71	18.67
		1	24	18.99	18.68	18.64
		12	0	17.90	17.61	17.66
		12	6	17.87	17.58	17.63
		12	13	17.89	17.60	17.66
		25	0	17.89	17.64	17.67
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26740	26865	26990
10MHz	QPSK	1	0	20.51	20.61	20.60
		1	25	20.56	20.63	20.60
		1	49	20.53	20.60	20.56
		25	0	19.70	19.67	19.73
		25	12	19.73	19.67	19.72
		25	25	19.68	19.63	19.70
		50	0	19.65	19.65	19.67
	16QAM	1	0	19.61	19.69	19.64
		1	25	19.56	19.68	19.62
		1	49	19.57	19.69	19.62
		25	0	18.75	18.88	18.88

		25	12	18.72	18.89	18.82
		25	25	18.68	18.86	18.82
		50	0	18.67	18.82	18.84
	64QAM	1	0	18.69	18.85	18.88
		1	25	18.67	18.88	18.90
		1	49	18.69	18.89	18.93
		25	0	17.59	17.83	17.93
		25	12	17.61	17.84	17.89
		25	25	17.65	17.89	17.93
		50	0	17.65	17.87	17.93
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				26765	26865	26965
15MHz	QPSK	1	0	20.55	20.60	20.55
		1	50	20.59	20.64	20.60
		1	99	20.57	20.62	20.56
		50	0	19.69	19.72	19.59
		50	25	19.74	19.68	19.59
		50	50	19.75	19.69	19.57
		100	0	19.76	19.65	19.56
	16QAM	1	0	19.81	19.62	19.56
		1	50	19.82	19.60	19.53
		1	99	19.85	19.65	19.49
		50	0	19.08	18.90	18.72
		50	25	19.11	18.96	18.66
		50	50	19.14	18.97	18.67
		100	0	19.18	18.94	18.63
	64QAM	1	0	19.20	18.98	18.68
		1	50	19.18	19.00	18.64
		1	99	19.14	19.00	18.68
		50	0	18.14	17.99	17.63
		50	25	18.10	18.01	17.60
		50	50	18.15	17.99	17.61
		100	0	18.11	17.96	17.59

LTE Band 38

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37775	38000	38225
5MHz	QPSK	1	0	18.65	18.72	18.69
		1	13	18.66	18.77	18.73
		1	24	18.66	18.74	18.68
		12	0	17.90	17.89	17.70
		12	6	17.87	17.87	17.74
		12	13	17.86	17.85	17.72
		25	0	17.85	17.86	17.69
	16QAM	1	0	17.89	17.86	17.67
		1	13	17.94	17.82	17.70
		1	24	17.94	17.78	17.69
		12	0	17.20	16.91	16.90
		12	6	17.20	16.84	16.87
		12	13	17.18	16.87	16.91
		25	0	17.14	16.90	16.96
	64QAM	1	0	17.10	16.95	16.99
		1	13	17.15	16.98	17.01
		1	24	17.11	16.97	17.00
		12	0	16.04	15.98	16.02
		12	6	16.00	15.97	16.05
		12	13	15.99	15.98	16.01
		25	0	16.04	15.97	15.98
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37800	38000	38200
10MHz	QPSK	1	0	18.66	18.77	18.69
		1	25	18.68	18.80	18.70
		1	49	18.64	18.78	18.69
		25	0	17.72	17.99	17.89
		25	12	17.69	17.96	17.92
		25	25	17.71	18.01	17.96
		50	0	17.76	17.97	17.99
	16QAM	1	0	17.74	17.97	17.94
		1	25	17.72	18.00	17.89
		1	49	17.74	18.04	17.93
		25	0	16.86	17.27	17.11
		25	12	16.88	17.29	17.06
		25	25	16.85	17.26	17.03
		50	0	16.85	17.27	17.08

	64QAM	1	0	16.85	17.27	17.05
		1	25	16.88	17.28	17.01
		1	49	16.88	17.31	17.03
		25	0	15.80	16.34	15.98
		25	12	15.77	16.34	15.95
		25	25	15.78	16.36	15.94
		50	0	15.81	16.40	15.98
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37825	38000	38175
15MHz	QPSK	1	0	18.69	18.72	18.64
		1	37	18.70	18.75	18.68
		1	74	18.68	18.73	18.66
		36	0	17.72	17.88	17.80
		36	20	17.70	17.91	17.82
		36	39	17.75	17.93	17.80
		75	0	17.73	17.89	17.84
	16QAM	1	0	17.74	17.86	17.79
		1	37	17.76	17.87	17.84
		1	74	17.73	17.88	17.83
		36	0	16.94	16.95	16.92
		36	20	16.88	17.01	16.89
		36	39	16.88	17.00	16.93
		75	0	16.91	16.97	16.94
	64QAM	1	0	16.88	16.93	16.90
		1	37	16.84	16.94	16.89
		1	74	16.81	16.97	16.87
		36	0	15.71	15.98	15.89
		36	20	15.70	15.95	15.86
		36	39	15.73	15.92	15.89
		75	0	15.75	15.97	15.93
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37850	38000	38150
20MHz	QPSK	1	0	18.69	18.72	18.68
		1	50	18.70	18.76	18.73
		1	99	18.70	18.74	18.70
		50	0	17.91	17.88	17.77
		50	25	17.92	17.92	17.77
		50	50	17.94	17.93	17.81
		100	0	17.92	17.94	17.77
		16QAM	1	17.92	17.98	17.74

		1	50	17.92	17.98	17.79
		1	99	17.95	18.02	17.78
		50	0	16.99	17.11	16.86
		50	25	16.92	17.08	16.83
		50	50	16.96	17.11	16.79
		100	0	16.99	17.08	16.79
	64QAM	1	0	17.02	17.10	16.75
		1	50	17.06	17.08	16.75
		1	99	17.05	17.12	16.78
		50	0	16.01	16.07	15.69
		50	25	15.97	16.06	15.66
		50	50	15.95	16.10	15.66
		100	0	15.91	16.11	15.68

LTE Band 41

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40065	40640	41215
5MHz	QPSK	1	0	18.64	18.64	18.60
		1	13	18.66	18.67	18.61
		1	24	18.61	18.66	18.56
		12	0	17.84	17.84	17.65
		12	6	17.82	17.82	17.67
		12	13	17.78	17.85	17.68
		25	0	17.80	17.83	17.71
	16QAM	1	0	17.80	17.86	17.75
		1	13	17.78	17.82	17.75
		1	24	17.77	17.82	17.73
		12	0	17.01	16.88	16.81
		12	6	16.99	16.86	16.83
		12	13	17.03	16.84	16.86
		25	0	17.03	16.88	16.88
	64QAM	1	0	17.06	16.84	16.92
		1	13	17.02	16.82	16.90
		1	24	17.06	16.85	16.90
		12	0	15.96	15.81	15.84
		12	6	15.98	15.84	15.82
		12	13	16.03	15.81	15.79
		25	0	16.04	15.80	15.79
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40090	40640	41190
10MHz	QPSK	1	0	18.66	18.65	18.62
		1	25	18.66	18.69	18.62
		1	49	18.62	18.65	18.60
		25	0	17.63	17.86	17.61
		25	12	17.66	17.84	17.62
		25	25	17.70	17.87	17.66
		50	0	17.68	17.84	17.71
	16QAM	1	0	17.67	17.85	17.68
		1	25	17.69	17.84	17.72
		1	49	17.67	17.88	17.69
		25	0	16.92	16.90	16.71
		25	12	16.89	16.92	16.64
		25	25	16.91	16.93	16.68
		50	0	16.93	16.95	16.70

	64QAM	1	0	16.98	17.00	16.69
		1	25	17.01	17.05	16.67
		1	49	17.05	17.04	16.68
		25	0	16.00	15.95	15.69
		25	12	15.95	15.92	15.68
		25	25	16.00	15.90	15.64
		50	0	15.95	15.87	15.59
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40115	40640	41165
15MHz	QPSK	1	0	18.66	18.66	18.64
		1	37	18.67	18.70	18.66
		1	74	18.67	18.69	18.62
		36	0	17.92	17.75	17.68
		36	20	17.95	17.73	17.73
		36	39	17.94	17.78	17.76
		75	0	17.91	17.79	17.73
	16QAM	1	0	17.88	17.76	17.75
		1	37	17.85	17.71	17.75
		1	74	17.86	17.73	17.72
		36	0	17.03	16.93	16.93
		36	20	17.03	16.86	16.94
		36	39	17.07	16.82	16.99
		75	0	17.11	16.85	16.95
	64QAM	1	0	17.11	16.85	16.97
		1	37	17.15	16.81	16.99
		1	74	17.12	16.85	17.04
		36	0	16.10	15.83	16.04
		36	20	16.12	15.82	16.02
		36	39	16.15	15.82	15.98
		75	0	16.19	15.86	15.94
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40140	40640	41140
20MHz	QPSK	1	0	18.68	18.71	18.66
		1	50	18.71	18.73	18.70
		1	99	18.70	18.73	18.66
		50	0	17.90	17.93	17.83
		50	25	17.88	17.93	17.78
		50	50	17.90	17.91	17.78
		100	0	17.89	17.95	17.74
		1	0	17.84	17.98	17.78
	16QAM	1	0	17.84	17.98	17.78

		1	50	17.86	17.94	17.74
		1	99	17.90	17.91	17.78
		50	0	17.13	17.05	16.85
		50	25	17.17	17.11	16.83
		50	50	17.17	17.12	16.80
		100	0	17.18	17.15	16.78
	64QAM	1	0	17.14	17.12	16.77
		1	50	17.19	17.15	16.79
		1	99	17.22	17.20	16.75
		50	0	16.23	16.15	15.68
		50	25	16.21	16.11	15.67
		50	50	16.19	16.10	15.65
		100	0	16.17	16.14	15.70

LTE Band 66

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19207	19575	19943
1.4MHz	QPSK	1	0	17.65	17.71	17.74
		1	3	17.67	17.72	17.74
		1	5	17.66	17.70	17.71
		3	0	16.83	16.72	16.93
		3	1	16.83	16.69	16.94
		3	3	16.81	16.73	16.90
		6	0	16.85	16.70	16.90
	16QAM	1	0	16.88	16.68	16.87
		1	3	16.85	16.68	16.84
		1	5	16.85	16.65	16.84
		3	0	15.89	15.67	15.93
		3	1	15.84	15.65	15.93
		3	3	15.83	15.61	15.92
		6	0	15.81	15.57	15.95
	64QAM	1	0	15.81	15.54	15.97
		1	3	15.76	15.49	16.01
		1	5	15.73	15.44	15.96
		3	0	14.64	14.42	14.88
		3	1	14.61	14.44	14.86
		3	3	14.64	14.43	14.85
		6	0	14.62	14.48	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19215	19575	19935
3MHz	QPSK	1	0	17.63	17.66	17.70
		1	8	17.68	17.70	17.73
		1	14	17.67	17.69	17.70
		8	0	16.69	16.77	16.74
		8	4	16.65	16.74	16.71
		8	7	16.67	16.76	16.70
		15	0	16.70	16.74	16.73
	16QAM	1	0	16.72	16.78	16.78
		1	8	16.75	16.75	16.83
		1	14	16.77	16.75	16.84
		8	0	15.80	15.80	15.87
		8	4	15.82	15.84	15.90
		8	7	15.78	15.87	15.89
		15	0	15.80	15.85	15.85

	64QAM	1	0	15.82	15.90	15.88
		1	8	15.78	15.86	15.91
		1	14	15.76	15.90	15.95
		8	0	14.78	14.93	14.87
		8	4	14.81	14.96	14.88
		8	7	14.80	14.95	14.90
		15	0	14.84	14.94	14.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19225	19575	19925
5MHz	QPSK	1	0	17.69	17.68	17.74
		1	13	17.70	17.71	17.76
		1	24	17.69	17.68	17.73
		12	0	16.77	16.91	16.82
		12	6	16.79	16.90	16.82
		12	13	16.75	16.95	16.77
		25	0	16.76	16.93	16.76
	16QAM	1	0	16.73	16.88	16.77
		1	13	16.69	16.86	16.78
		1	24	16.73	16.87	16.83
		12	0	15.86	15.94	15.93
		12	6	15.90	15.93	15.98
		12	13	15.89	15.91	15.94
		25	0	15.88	15.90	15.94
	64QAM	1	0	15.89	15.89	15.91
		1	13	15.85	15.88	15.92
		1	24	15.85	15.93	15.90
		12	0	14.84	14.84	14.85
		12	6	14.85	14.88	14.85
		12	13	14.90	14.84	14.89
		25	0	14.88	14.89	14.85
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19250	19575	19900
10MHz	QPSK	1	0	17.73	17.75	17.78
		1	25	17.75	17.75	17.80
		1	49	17.75	17.72	17.79
		25	0	16.80	16.91	16.79
		25	12	16.81	16.95	16.75
		25	25	16.82	16.96	16.75
		50	0	16.83	16.97	16.75
	16QAM	1	0	16.78	16.99	16.77

		1	25	16.74	16.99	16.79
		1	49	16.76	17.01	16.75
		25	0	15.97	16.12	15.89
		25	12	16.02	16.10	15.93
		25	25	15.97	16.06	15.88
		50	0	15.94	16.10	15.90
	64QAM	1	0	15.94	16.05	15.93
		1	25	15.93	16.09	15.89
		1	49	15.93	16.09	15.88
		25	0	14.83	15.05	14.82
		25	12	14.80	15.03	14.80
		25	25	14.80	14.98	14.75
		50	0	14.85	14.95	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19275	19575	19875
15MHz	QPSK	1	0	17.73	17.72	17.74
		1	37	17.75	17.72	17.75
		1	74	17.74	17.70	17.70
		36	0	16.92	16.82	16.89
		36	20	16.96	16.81	16.87
		36	39	16.93	16.80	16.86
		75	0	16.94	16.76	16.86
	16QAM	1	0	16.98	16.73	16.83
		1	37	17.02	16.75	16.88
		1	74	17.06	16.79	16.91
		36	0	16.27	15.97	15.99
		36	20	16.26	15.95	16.05
		36	39	16.28	15.93	16.07
		75	0	16.29	15.94	16.10
	64QAM	1	0	16.31	15.93	16.07
		1	37	16.35	15.91	16.03
		1	74	16.37	15.95	15.98
		36	0	15.39	14.86	14.94
		36	20	15.37	14.81	14.90
		36	39	15.36	14.80	14.91
		75	0	15.39	14.75	14.86
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19300	19575	19850
20MHz	QPSK	1	0	17.73	17.80	17.76
		1	50	17.74	17.80	17.76

		1	99	17.70	17.76	17.76
		50	0	16.91	16.90	16.81
		50	25	16.94	16.91	16.77
		50	50	16.91	16.95	16.74
		100	0	16.94	16.97	16.73
	16QAM	1	0	16.90	16.98	16.76
		1	50	16.92	17.01	16.73
		1	99	16.93	17.02	16.70
		50	0	16.12	16.06	15.74
		50	25	16.08	16.03	15.78
		50	50	16.12	16.06	15.77
		100	0	16.16	16.02	15.73
	64QAM	1	0	16.17	15.98	15.73
		1	50	16.18	16.00	15.76
		1	99	16.13	16.03	15.74
		50	0	15.04	14.98	14.69
		50	25	15.06	14.99	14.66
		50	50	15.03	15.00	14.67
		100	0	15.08	14.97	14.63

DSI5

Band: DCS1900	Burst Average Power (dBm)			Frame Average Power (dBm)		
Channel	513	661	810	513	661	810
<u>GSM (CS)</u>	28.07	28.00	27.81	19.07	19.00	18.81
<u>GPRS/EDGE (GMSK, 1 Tx slot)</u>	28.06	27.97	27.78	19.06	18.97	18.78
<u>GPRS/EDGE (GMSK, 2 Tx slots)</u>	25.13	25.05	24.88	19.13	19.05	18.88
<u>GPRS/EDGE (GMSK, 3 Tx slots)</u>	23.12	23.04	22.87	18.86	18.78	18.61
<u>GPRS/EDGE (GMSK, 4 Tx slots)</u>	22.05	21.99	21.82	19.05	18.99	18.82
<u>EDGE (8PSK, 1 Tx slot)</u>	25.65	25.59	25.51	16.65	16.59	16.51
<u>EDGE (8PSK, 2 Tx slots)</u>	23.97	23.91	23.78	17.97	17.91	17.78
<u>EDGE (8PSK, 3 Tx slots)</u>	22.05	22.01	21.81	17.79	17.75	17.55
<u>EDGE (8PSK, 4 Tx slots)</u>	20.72	20.61	20.52	17.72	17.61	17.52

UMTS Band II		Conducted Power (dBm)		
		9262	9400	9538
WCDMA	12.2kbps RMC	18.67	18.74	18.81
	64kbps RMC	18.45	18.65	18.77
	144kbps RMC	18.43	18.62	18.80
	384kbps RMC	18.41	18.66	18.77
HSDPA	Subtest 1	17.73	17.82	17.86
	Subtest 2	17.35	17.39	17.43
	Subtest 3	17.24	17.21	17.23
	Subtest 4	17.18	17.19	17.21
HSUPA	Subtest 1	16.74	16.74	16.76
	Subtest 2	17.26	17.26	17.28
	Subtest 3	17.76	17.78	17.79
	Subtest 4	16.75	16.80	16.81
	Subtest 5	18.74	18.73	18.26

UMTS Band IV		Conducted Power (dBm)		
		1312	1412	1513
WCDMA	12.2kbps RMC	18.76	18.77	18.80
	64kbps RMC	18.69	18.72	18.75
	144kbps RMC	18.71	18.64	18.80
	384kbps RMC	18.74	18.76	18.80
HSDPA	Subtest 1	17.79	17.82	17.81
	Subtest 2	17.50	17.46	17.46
	Subtest 3	17.35	17.30	17.31
	Subtest 4	17.33	17.26	17.25
HSUPA	Subtest 1	15.83	16.34	16.31
	Subtest 2	16.84	16.84	16.83
	Subtest 3	17.33	17.35	17.35
	Subtest 4	16.35	16.39	16.34
	Subtest 5	18.34	18.33	18.32

LTE Band 2

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18607	18900	19193
1.4MHz	QPSK	1	0	18.96	19.01	19.22
		1	3	18.97	19.05	19.22
		1	5	18.97	19.04	19.21
		3	0	18.13	18.19	18.26
		3	1	18.16	18.21	18.26
		3	3	18.19	18.26	18.26
		6	0	18.17	18.27	18.29
	16QAM	1	0	18.17	18.28	18.27
		1	3	18.17	18.30	18.23
		1	5	18.13	18.34	18.26
		3	0	17.38	17.55	17.42
		3	1	17.41	17.52	17.37
		3	3	17.37	17.52	17.39
		6	0	17.35	17.56	17.42
	64QAM	1	0	17.39	17.54	17.42
		1	3	17.43	17.55	17.45
		1	5	17.42	17.53	17.50
		3	0	16.33	16.46	16.46
		3	1	16.28	16.51	16.44
		3	3	16.26	16.50	16.41
		6	0	16.31	16.50	16.45
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18615	18900	19185
3MHz	QPSK	1	0	19.02	19.06	19.22
		1	8	19.04	19.07	19.25
		1	14	19.01	19.07	19.23
		8	0	18.19	18.23	18.35
		8	4	18.17	18.28	18.36
		8	7	18.13	18.27	18.35
		15	0	18.13	18.27	18.39
	16QAM	1	0	18.17	18.25	18.40
		1	8	18.15	18.22	18.44
		1	14	18.19	18.25	18.42
		8	0	17.32	17.51	17.67
		8	4	17.25	17.53	17.68
		8	7	17.21	17.52	17.64
		15	0	17.18	17.49	17.63

	64QAM	1	0	17.14	17.52	17.61
		1	8	17.19	17.51	17.63
		1	14	17.19	17.55	17.64
		8	0	16.13	16.47	16.66
		8	4	16.11	16.50	16.66
		8	7	16.09	16.49	16.64
		15	0	16.11	16.45	16.63
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175
5MHz	QPSK	1	0	19.04	19.08	19.20
		1	13	19.08	19.08	19.20
		1	24	19.07	19.05	19.20
		12	0	18.22	18.18	18.26
		12	6	18.23	18.23	18.27
		12	13	18.26	18.21	18.26
		25	0	18.26	18.24	18.29
	16QAM	1	0	18.27	18.20	18.26
		1	13	18.23	18.21	18.24
		1	24	18.25	18.22	18.23
		12	0	17.45	17.47	17.45
		12	6	17.45	17.50	17.45
		12	13	17.41	17.55	17.48
		25	0	17.40	17.57	17.47
	64QAM	1	0	17.45	17.53	17.49
		1	13	17.47	17.55	17.50
		1	24	17.52	17.55	17.54
		12	0	16.45	16.45	16.45
		12	6	16.49	16.49	16.44
		12	13	16.48	16.47	16.40
		25	0	16.45	16.48	16.36
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18650	18900	19150
10MHz	QPSK	1	0	19.09	19.07	19.12
		1	25	19.12	19.12	19.17
		1	49	19.10	19.11	19.15
		25	0	18.25	18.31	18.20
		25	12	18.23	18.27	18.23
		25	25	18.22	18.29	18.22
		50	0	18.25	18.30	18.23
	16QAM	1	0	18.20	18.26	18.23

		1	25	18.24	18.22	18.22
		1	49	18.24	18.20	18.18
		25	0	17.26	17.27	17.32
		25	12	17.23	17.27	17.32
		25	25	17.22	17.24	17.27
		50	0	17.27	17.23	17.31
	64QAM	1	0	17.28	17.20	17.32
		1	25	17.32	17.22	17.28
		1	49	17.29	17.25	17.31
		25	0	16.22	16.21	16.24
		25	12	16.21	16.17	16.27
		25	25	16.23	16.20	16.28
		50	0	16.19	16.20	16.29
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18675	18900	19125
15MHz	QPSK	1	0	19.07	19.13	19.09
		1	37	19.08	19.13	19.12
		1	74	19.05	19.12	19.10
		36	0	18.28	18.21	18.11
		36	20	18.31	18.20	18.08
		36	39	18.33	18.22	18.09
		75	0	18.38	18.22	18.11
	16QAM	1	0	18.41	18.24	18.08
		1	37	18.43	18.29	18.12
		1	74	18.41	18.34	18.12
		36	0	17.49	17.38	17.28
		36	20	17.44	17.43	17.22
		36	39	17.44	17.47	17.18
		75	0	17.40	17.51	17.17
	64QAM	1	0	17.44	17.49	17.15
		1	37	17.42	17.53	17.18
		1	74	17.41	17.53	17.16
		36	0	16.35	16.44	16.14
		36	20	16.31	16.41	16.15
		36	39	16.29	16.44	16.12
		75	0	16.30	16.40	16.13
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18700	18900	19100
20MHz	QPSK	1	0	19.14	19.13	19.06
		1	50	19.15	19.17	19.10

		1	99	19.13	19.15	19.08
		50	0	18.35	18.20	18.30
		50	25	18.31	18.21	18.25
		50	50	18.32	18.18	18.24
		100	0	18.37	18.19	18.21
	16QAM	1	0	18.32	18.17	18.23
		1	50	18.35	18.14	18.26
		1	99	18.38	18.15	18.28
		50	0	17.62	17.35	17.31
		50	25	17.58	17.30	17.37
		50	50	17.55	17.34	17.40
		100	0	17.54	17.33	17.44
	64QAM	1	0	17.54	17.34	17.42
		1	50	17.52	17.34	17.46
		1	99	17.49	17.39	17.42
		50	0	16.43	16.31	16.36
		50	25	16.44	16.32	16.36
		50	50	16.42	16.28	16.38
		100	0	16.37	16.26	16.37

LTE Band 4

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19957	20175	20393
1.4MHz	QPSK	1	0	19.16	19.10	18.91
		1	3	19.18	19.14	18.96
		1	5	19.16	19.10	18.92
		3	0	18.39	18.18	18.12
		3	1	18.43	18.15	18.07
		3	3	18.42	18.11	18.09
		6	0	18.41	18.10	18.09
	16QAM	1	0	18.37	18.09	18.10
		1	3	18.34	18.11	18.06
		1	5	18.35	18.10	18.05
		3	0	17.41	17.16	17.16
		3	1	17.44	17.15	17.13
		3	3	17.46	17.17	17.10
		6	0	17.48	17.15	17.05
	64QAM	1	0	17.44	17.15	17.10
		1	3	17.39	17.14	17.10
		1	5	17.34	17.17	17.15
		3	0	16.26	16.16	16.06
		3	1	16.28	16.20	16.07
		3	3	16.27	16.19	16.06
		6	0	16.31	16.14	16.04
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19965	20175	20385
3MHz	QPSK	1	0	19.14	19.11	19.00
		1	8	19.18	19.14	19.00
		1	14	19.16	19.11	18.96
		8	0	18.21	18.18	18.19
		8	4	18.23	18.18	18.17
		8	7	18.19	18.16	18.13
		15	0	18.22	18.19	18.17
	16QAM	1	0	18.25	18.14	18.20
		1	8	18.25	18.09	18.21
		1	14	18.25	18.09	18.22
		8	0	17.36	17.28	17.41
		8	4	17.39	17.25	17.44
		8	7	17.40	17.25	17.49
		15	0	17.41	17.22	17.45

	64QAM	1	0	17.44	17.25	17.47
		1	8	17.46	17.29	17.51
		1	14	17.47	17.31	17.48
		8	0	16.47	16.24	16.48
		8	4	16.48	16.19	16.45
		8	7	16.51	16.21	16.43
		15	0	16.47	16.18	16.41
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375
5MHz	QPSK	1	0	19.14	19.08	18.97
		1	13	19.15	19.12	19.00
		1	24	19.11	19.07	18.98
		12	0	18.15	18.14	18.10
		12	6	18.15	18.11	18.14
		12	13	18.16	18.11	18.10
		25	0	18.20	18.10	18.09
	16QAM	1	0	18.23	18.06	18.13
		1	13	18.18	18.09	18.16
		1	24	18.17	18.08	18.12
		12	0	17.41	17.18	17.29
		12	6	17.35	17.19	17.31
		12	13	17.39	17.20	17.30
		25	0	17.34	17.18	17.32
	64QAM	1	0	17.31	17.18	17.36
		1	13	17.32	17.21	17.39
		1	24	17.35	17.25	17.39
		12	0	16.34	16.18	16.29
		12	6	16.36	16.16	16.25
		12	13	16.39	16.17	16.22
		25	0	16.37	16.21	16.23
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20000	20175	20350
10MHz	QPSK	1	0	19.18	19.04	19.01
		1	25	19.19	19.08	19.04
		1	49	19.15	19.05	19.01
		25	0	18.31	18.24	18.17
		25	12	18.29	18.20	18.18
		25	25	18.25	18.16	18.17
		50	0	18.30	18.18	18.20
	16QAM	1	0	18.32	18.15	18.21

		1	25	18.37	18.12	18.21
		1	49	18.32	18.09	18.18
		25	0	17.43	17.16	17.19
		25	12	17.44	17.16	17.14
		25	25	17.40	17.13	17.11
		50	0	17.36	17.14	17.06
	64QAM	1	0	17.39	17.18	17.01
		1	25	17.42	17.14	17.02
		1	49	17.41	17.13	17.04
		25	0	16.41	16.14	16.04
		25	12	16.39	16.10	16.08
		25	25	16.44	16.12	16.08
		50	0	16.47	16.14	16.11
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20025	20175	20325
15MHz	QPSK	1	0	19.16	19.06	19.02
		1	37	19.18	19.10	19.06
		1	74	19.14	19.05	19.04
		36	0	18.29	18.19	18.22
		36	20	18.27	18.19	18.25
		36	39	18.22	18.17	18.21
		75	0	18.21	18.17	18.20
	16QAM	1	0	18.19	18.16	18.19
		1	37	18.18	18.16	18.20
		1	74	18.22	18.17	18.18
		36	0	17.45	17.18	17.33
		36	20	17.41	17.23	17.27
		36	39	17.38	17.18	17.32
		75	0	17.43	17.18	17.30
	64QAM	1	0	17.45	17.17	17.30
		1	37	17.47	17.20	17.30
		1	74	17.45	17.23	17.33
		36	0	16.41	16.15	16.27
		36	20	16.37	16.15	16.32
		36	39	16.35	16.19	16.28
		75	0	16.31	16.16	16.28
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20050	20175	20300
20MHz	QPSK	1	0	19.15	19.18	19.06
		1	50	19.18	19.18	19.09

		1	99	19.17	19.15	19.09
		50	0	18.29	18.24	18.11
		50	25	18.33	18.21	18.08
		50	50	18.33	18.18	18.04
		100	0	18.35	18.16	17.99
	16QAM	1	0	18.39	18.15	18.04
		1	50	18.42	18.19	18.02
		1	99	18.45	18.17	18.01
		50	0	17.70	17.30	17.05
		50	25	17.64	17.26	17.01
		50	50	17.59	17.23	17.02
		100	0	17.63	17.28	16.99
	64QAM	1	0	17.66	17.23	17.02
		1	50	17.64	17.20	17.05
		1	99	17.64	17.16	17.10
		50	0	16.56	16.14	16.10
		50	25	16.58	16.15	16.14
		50	50	16.60	16.16	16.19
		100	0	16.55	16.15	16.21

LTE Band 7

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20775	21100	21425
5MHz	QPSK	1	0	15.00	15.02	14.95
		1	13	15.04	15.03	14.99
		1	24	15.03	14.99	14.96
		12	0	14.21	14.01	13.97
		12	6	14.20	14.02	14.01
		12	13	14.23	13.98	13.98
		25	0	14.20	13.99	14.03
	16QAM	1	0	14.19	13.95	14.00
		1	13	14.14	13.92	13.98
		1	24	14.15	13.96	14.01
		12	0	13.28	13.07	13.03
		12	6	13.22	13.01	12.98
		12	13	13.21	13.04	12.97
		25	0	13.25	13.05	12.97
	64QAM	1	0	13.26	13.05	13.02
		1	13	13.21	13.02	13.05
		1	24	13.26	13.07	13.01
		12	0	12.22	11.98	12.03
		12	6	12.24	12.02	12.00
		12	13	12.20	12.00	12.04
		25	0	12.20	11.95	12.01
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20800	21100	21400
10MHz	QPSK	1	0	15.06	15.08	14.93
		1	25	15.08	15.12	14.95
		1	49	15.05	15.07	14.95
		25	0	14.10	14.32	14.16
		25	12	14.13	14.28	14.17
		25	25	14.15	14.32	14.13
		50	0	14.20	14.33	14.09
	16QAM	1	0	14.19	14.34	14.12
		1	25	14.22	14.39	14.15
		1	49	14.24	14.39	14.20
		25	0	13.45	13.50	13.29
		25	12	13.44	13.52	13.26
		25	25	13.41	13.47	13.28
		50	0	13.46	13.52	13.28

	64QAM	1	0	13.48	13.57	13.24
		1	25	13.51	13.58	13.20
		1	49	13.47	13.63	13.18
		25	0	12.44	12.60	12.17
		25	12	12.43	12.60	12.16
		25	25	12.44	12.61	12.13
		50	0	12.44	12.60	12.09
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20825	21100	21375
15MHz	QPSK	1	0	15.03	15.05	14.92
		1	37	15.05	15.07	14.96
		1	74	15.02	15.06	14.93
		36	0	14.14	14.23	14.13
		36	20	14.18	14.20	14.10
		36	39	14.21	14.20	14.11
		75	0	14.18	14.16	14.11
	16QAM	1	0	14.16	14.17	14.13
		1	37	14.19	14.13	14.17
		1	74	14.15	14.13	14.22
		36	0	13.25	13.13	13.29
		36	20	13.29	13.13	13.35
		36	39	13.25	13.14	13.40
		75	0	13.24	13.18	13.43
	64QAM	1	0	13.21	13.18	13.43
		1	37	13.21	13.15	13.47
		1	74	13.20	13.14	13.50
		36	0	12.19	12.04	12.47
		36	20	12.17	12.00	12.49
		36	39	12.22	12.00	12.47
		75	0	12.25	12.03	12.45
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20850	21100	21350
20MHz	QPSK	1	0	15.05	15.06	14.97
		1	50	15.05	15.07	14.97
		1	99	15.03	15.05	14.95
		50	0	14.09	14.23	14.14
		50	25	14.10	14.28	14.13
		50	50	14.14	14.33	14.09
		100	0	14.16	14.37	14.08
	16QAM	1	0	14.15	14.40	14.09

		1	50	14.16	14.39	14.06
		1	99	14.17	14.40	14.02
		50	0	13.29	13.53	13.26
		50	25	13.25	13.57	13.25
		50	50	13.27	13.59	13.29
		100	0	13.24	13.59	13.31
	64QAM	1	0	13.21	13.54	13.34
		1	50	13.26	13.50	13.33
		1	99	13.28	13.52	13.29
		50	0	12.25	12.48	12.24
		50	25	12.27	12.52	12.20
		50	50	12.30	12.50	12.25
		100	0	12.33	12.55	12.26

LTE Band 38

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37775	38000	38225
5MHz	QPSK	1	0	19.02	19.10	18.96
		1	13	19.07	19.15	19.00
		1	24	19.02	19.11	18.99
		12	0	18.27	18.14	18.21
		12	6	18.27	18.13	18.20
		12	13	18.31	18.11	18.22
		25	0	18.30	18.15	18.21
	16QAM	1	0	18.31	18.17	18.21
		1	13	18.26	18.21	18.22
		1	24	18.28	18.24	18.23
		12	0	17.29	17.38	17.33
		12	6	17.26	17.43	17.37
		12	13	17.29	17.47	17.32
		25	0	17.33	17.51	17.30
	64QAM	1	0	17.32	17.53	17.26
		1	13	17.30	17.51	17.23
		1	24	17.27	17.52	17.27
		12	0	16.26	16.51	16.24
		12	6	16.23	16.55	16.25
		12	13	16.22	16.56	16.25
		25	0	16.23	16.54	16.21
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37800	38000	38200
10MHz	QPSK	1	0	19.12	19.14	19.01
		1	25	19.14	19.16	19.05
		1	49	19.10	19.15	19.01
		25	0	18.11	18.22	18.17
		25	12	18.15	18.20	18.20
		25	25	18.15	18.17	18.17
		50	0	18.17	18.14	18.14
	16QAM	1	0	18.12	18.12	18.12
		1	25	18.08	18.13	18.11
		1	49	18.08	18.16	18.07
		25	0	17.28	17.23	17.08
		25	12	17.28	17.24	17.02
		25	25	17.31	17.28	17.07
		50	0	17.32	17.25	17.06

	64QAM	1	0	17.28	17.21	17.04
		1	25	17.31	17.21	17.07
		1	49	17.34	17.24	17.07
		25	0	16.32	16.22	16.07
		25	12	16.35	16.20	16.07
		25	25	16.38	16.19	16.04
		50	0	16.40	16.20	16.02
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37825	38000	38175
15MHz	QPSK	1	0	19.08	19.10	19.09
		1	37	19.11	19.14	19.10
		1	74	19.06	19.12	19.06
		36	0	18.11	18.17	18.17
		36	20	18.09	18.16	18.19
		36	39	18.08	18.11	18.24
		75	0	18.06	18.08	18.19
	16QAM	1	0	18.08	18.03	18.24
		1	37	18.07	18.00	18.27
		1	74	18.03	18.05	18.27
		36	0	17.28	17.24	17.41
		36	20	17.29	17.29	17.39
		36	39	17.31	17.27	17.35
		75	0	17.34	17.25	17.34
	64QAM	1	0	17.35	17.29	17.35
		1	37	17.40	17.24	17.39
		1	74	17.42	17.29	17.35
		36	0	16.32	16.25	16.27
		36	20	16.30	16.22	16.31
		36	39	16.25	16.25	16.34
		75	0	16.20	16.25	16.31
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37850	38000	38150
20MHz	QPSK	1	0	19.12	19.16	19.10
		1	50	19.14	19.19	19.11
		1	99	19.10	19.15	19.10
		50	0	18.33	18.35	18.28
		50	25	18.32	18.36	18.27
		50	50	18.32	18.37	18.23
		100	0	18.35	18.36	18.26
	16QAM	1	0	18.38	18.37	18.30

		1	50	18.35	18.33	18.27
		1	99	18.38	18.35	18.23
		50	0	17.59	17.43	17.42
		50	25	17.55	17.40	17.47
		50	50	17.58	17.40	17.49
		100	0	17.54	17.40	17.44
	64QAM	1	0	17.54	17.42	17.47
		1	50	17.51	17.45	17.51
		1	99	17.52	17.45	17.54
		50	0	16.52	16.37	16.55
		50	25	16.47	16.34	16.50
		50	50	16.51	16.31	16.48
		100	0	16.54	16.32	16.45

LTE Band 41

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40065	40640	41215
5MHz	QPSK	1	0	19.27	19.35	19.18
		1	13	19.28	19.36	19.19
		1	24	19.26	19.31	19.18
		12	0	18.35	18.46	18.22
		12	6	18.38	18.48	18.19
		12	13	18.36	18.52	18.18
		25	0	18.31	18.50	18.20
	16QAM	1	0	18.31	18.53	18.21
		1	13	18.32	18.55	18.20
		1	24	18.35	18.53	18.19
		12	0	17.45	17.58	17.35
		12	6	17.43	17.52	17.33
		12	13	17.43	17.54	17.33
		25	0	17.43	17.52	17.36
	64QAM	1	0	17.39	17.48	17.34
		1	13	17.39	17.49	17.29
		1	24	17.36	17.50	17.27
		12	0	16.31	16.43	16.23
		12	6	16.29	16.40	16.19
		12	13	16.31	16.42	16.20
		25	0	16.26	16.45	16.19
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40090	40640	41190
10MHz	QPSK	1	0	19.27	19.33	19.18
		1	25	19.29	19.35	19.23
		1	49	19.26	19.33	19.19
		25	0	18.51	18.45	18.35
		25	12	18.53	18.45	18.36
		25	25	18.53	18.49	18.37
		50	0	18.56	18.51	18.35
	16QAM	1	0	18.60	18.53	18.35
		1	25	18.58	18.50	18.36
		1	49	18.57	18.49	18.38
		25	0	17.82	17.70	17.54
		25	12	17.80	17.73	17.57
		25	25	17.79	17.71	17.60
		50	0	17.83	17.73	17.60

	64QAM	1	0	17.79	17.70	17.65
		1	25	17.80	17.67	17.63
		1	49	17.81	17.70	17.59
		25	0	16.77	16.60	16.58
		25	12	16.78	16.62	16.63
		25	25	16.74	16.66	16.59
		50	0	16.77	16.68	16.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40115	40640	41165
15MHz	QPSK	1	0	19.27	19.33	19.24
		1	37	19.29	19.33	19.26
		1	74	19.25	19.30	19.24
		36	0	18.29	18.37	18.28
		36	20	18.33	18.42	18.25
		36	39	18.32	18.39	18.26
		75	0	18.35	18.41	18.30
	16QAM	1	0	18.39	18.44	18.30
		1	37	18.39	18.46	18.30
		1	74	18.42	18.45	18.28
		36	0	17.54	17.55	17.35
		36	20	17.59	17.54	17.35
		36	39	17.57	17.50	17.32
		75	0	17.61	17.45	17.29
	64QAM	1	0	17.57	17.44	17.28
		1	37	17.52	17.40	17.28
		1	74	17.54	17.35	17.24
		36	0	16.56	16.38	16.19
		36	20	16.54	16.41	16.22
		36	39	16.56	16.41	16.17
		75	0	16.57	16.41	16.21
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40140	40640	41140
20MHz	QPSK	1	0	19.29	19.32	19.30
		1	50	19.32	19.37	19.30
		1	99	19.31	19.36	19.29
		50	0	18.47	18.49	18.45
		50	25	18.46	18.53	18.45
		50	50	18.48	18.57	18.41
		100	0	18.52	18.59	18.41
		1	0	18.55	18.64	18.41
	16QAM	1	0	18.55	18.64	18.41

		1	50	18.57	18.61	18.37
		1	99	18.59	18.57	18.42
		50	0	17.61	17.59	17.63
		50	25	17.65	17.53	17.59
		50	50	17.62	17.49	17.56
		100	0	17.65	17.52	17.58
	64QAM	1	0	17.67	17.54	17.59
		1	50	17.69	17.50	17.55
		1	99	17.71	17.53	17.51
		50	0	16.67	16.47	16.44
		50	25	16.67	16.51	16.46
		50	50	16.67	16.54	16.49
		100	0	16.64	16.52	16.52

LTE Band 66

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19207	19575	19943
1.4MHz	QPSK	1	0	20.04	19.97	20.01
		1	3	20.06	20.01	20.04
		1	5	20.04	19.97	20.00
		3	0	19.14	19.09	19.09
		3	1	19.14	19.12	19.04
		3	3	19.17	19.10	19.02
		6	0	19.20	19.13	19.06
	16QAM	1	0	19.20	19.16	19.08
		1	3	19.25	19.18	19.08
		1	5	19.26	19.18	19.07
		3	0	18.43	18.36	18.14
		3	1	18.41	18.35	18.08
		3	3	18.41	18.32	18.08
		6	0	18.40	18.27	18.07
	64QAM	1	0	18.39	18.23	18.07
		1	3	18.38	18.27	18.03
		1	5	18.35	18.24	18.07
		3	0	17.37	17.17	16.97
		3	1	17.37	17.14	16.99
		3	3	17.42	17.18	16.95
		6	0	17.46	17.21	16.98
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19215	19575	19935
3MHz	QPSK	1	0	20.04	20.04	20.02
		1	8	20.06	20.04	20.02
		1	14	20.02	20.03	20.02
		8	0	19.06	19.28	19.14
		8	4	19.02	19.30	19.19
		8	7	19.03	19.31	19.20
		15	0	19.05	19.33	19.24
	16QAM	1	0	19.06	19.37	19.19
		1	8	19.09	19.33	19.22
		1	14	19.14	19.38	19.18
		8	0	18.16	18.61	18.23
		8	4	18.12	18.60	18.27
		8	7	18.09	18.62	18.25
		15	0	18.12	18.66	18.22

	64QAM	1	0	18.07	18.67	18.20
		1	8	18.06	18.63	18.19
		1	14	18.09	18.61	18.15
		8	0	16.99	17.60	17.05
		8	4	17.00	17.55	17.07
		8	7	17.05	17.54	17.03
		15	0	17.06	17.52	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19225	19575	19925
5MHz	QPSK	1	0	20.07	20.01	20.03
		1	13	20.08	20.04	20.04
		1	24	20.07	20.00	20.04
		12	0	19.17	19.03	19.29
		12	6	19.20	18.99	19.28
		12	13	19.21	18.94	19.29
		25	0	19.20	18.94	19.32
	16QAM	1	0	19.24	18.91	19.34
		1	13	19.23	18.93	19.37
		1	24	19.18	18.95	19.40
		12	0	18.32	18.02	18.45
		12	6	18.28	18.01	18.44
		12	13	18.24	18.02	18.43
		25	0	18.26	18.06	18.48
	64QAM	1	0	18.29	18.11	18.46
		1	13	18.27	18.07	18.50
		1	24	18.31	18.11	18.55
		12	0	17.26	17.07	17.47
		12	6	17.26	17.10	17.51
		12	13	17.26	17.07	17.51
		25	0	17.24	17.12	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19250	19575	19900
10MHz	QPSK	1	0	20.06	19.97	19.96
		1	25	20.08	19.99	20.00
		1	49	20.04	19.95	19.98
		25	0	19.28	19.09	19.23
		25	12	19.31	19.10	19.22
		25	25	19.31	19.11	19.18
		50	0	19.30	19.15	19.20
		1	0	19.26	19.19	19.23
	16QAM	1	0	19.26	19.19	19.23

		1	25	19.28	19.19	19.20
		1	49	19.29	19.17	19.19
		25	0	18.54	18.34	18.26
		25	12	18.60	18.36	18.22
		25	25	18.65	18.36	18.19
		50	0	18.67	18.31	18.17
	64QAM	1	0	18.68	18.29	18.18
		1	25	18.68	18.28	18.16
		1	49	18.69	18.28	18.21
		25	0	17.62	17.29	17.17
		25	12	17.65	17.30	17.19
		25	25	17.62	17.31	17.17
		50	0	17.63	17.33	17.21
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19275	19575	19875
15MHz	QPSK	1	0	20.05	20.01	19.97
		1	37	20.06	20.03	19.97
		1	74	20.01	19.98	19.94
		36	0	19.19	19.03	19.08
		36	20	19.21	18.99	19.09
		36	39	19.16	19.01	19.11
		75	0	19.14	19.03	19.07
	16QAM	1	0	19.11	19.01	19.12
		1	37	19.06	19.00	19.16
		1	74	19.05	19.01	19.15
		36	0	18.22	18.21	18.31
		36	20	18.25	18.26	18.37
		36	39	18.27	18.25	18.35
		75	0	18.29	18.28	18.34
	64QAM	1	0	18.33	18.30	18.33
		1	37	18.36	18.27	18.32
		1	74	18.31	18.29	18.37
		36	0	17.25	17.29	17.34
		36	20	17.23	17.31	17.36
		36	39	17.20	17.27	17.36
		75	0	17.20	17.30	17.34
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19300	19575	19850
20MHz	QPSK	1	0	20.01	20.06	19.97
		1	50	20.03	20.08	19.99

		1	99	20.01	20.04	19.95
		50	0	19.15	19.25	19.16
		50	25	19.14	19.30	19.16
		50	50	19.10	19.29	19.20
		100	0	19.07	19.32	19.24
	16QAM	1	0	19.10	19.28	19.25
		1	50	19.10	19.32	19.22
		1	99	19.15	19.27	19.25
		50	0	18.31	18.40	18.29
		50	25	18.26	18.42	18.29
		50	50	18.22	18.41	18.33
		100	0	18.23	18.39	18.34
	64QAM	1	0	18.26	18.43	18.34
		1	50	18.22	18.47	18.29
		1	99	18.22	18.51	18.27
		50	0	17.19	17.49	17.20
		50	25	17.15	17.53	17.20
		50	50	17.18	17.57	17.23
		100	0	17.17	17.54	17.22

ANT0:
DSI5

<u>Band: DCS1900</u>	<u>Burst Average Power (dBm)</u>			<u>Frame Average Power (dBm)</u>		
<u>Channel</u>	513	661	810	513	661	810
<u>GSM (CS)</u>	27.79	27.89	27.89	18.79	18.89	18.89
<u>GPRS/EDGE (GMSK, 1 Tx slot)</u>	27.80	27.88	27.88	18.80	18.88	18.88
<u>GPRS/EDGE (GMSK, 2 Tx slots)</u>	24.86	24.96	24.99	18.86	18.96	18.99
<u>GPRS/EDGE (GMSK, 3 Tx slots)</u>	22.86	22.95	22.98	18.60	18.69	18.72
<u>GPRS/EDGE (GMSK, 4 Tx slots)</u>	21.79	21.91	21.93	18.79	18.91	18.93
<u>EDGE (8PSK, 1 Tx slot)</u>	25.39	25.40	25.56	16.39	16.40	16.56
<u>EDGE (8PSK, 2 Tx slots)</u>	23.66	23.70	23.82	17.66	17.70	17.82
<u>EDGE (8PSK, 3 Tx slots)</u>	21.76	21.81	21.92	17.50	17.55	17.66
<u>EDGE (8PSK, 4 Tx slots)</u>	20.34	20.45	20.60	17.34	17.45	17.60

UMTS Band II		Conducted Power (dBm)		
		9262	9400	9538
WCDMA	12.2kbps RMC	18.77	18.77	18.88
	64kbps RMC	18.55	18.68	18.84
	144kbps RMC	18.53	18.65	18.87
	384kbps RMC	18.51	18.69	18.84
HSDPA	Subtest 1	17.85	17.90	17.91
	Subtest 2	17.42	17.39	17.38
	Subtest 3	17.33	17.26	17.31
	Subtest 4	17.32	17.22	17.27
HSUPA	Subtest 1	16.84	16.75	16.83
	Subtest 2	17.33	17.27	17.32
	Subtest 3	17.86	17.81	17.82
	Subtest 4	16.85	16.81	16.87
	Subtest 5	18.79	18.74	18.71

UMTS Band IV		Conducted Power (dBm)		
		1312	1412	1513
WCDMA	12.2kbps RMC	17.84	17.88	17.96
	64kbps RMC	17.77	17.83	17.91
	144kbps RMC	17.79	17.75	17.96
	384kbps RMC	17.82	17.87	17.96
HSDPA	Subtest 1	16.85	16.91	16.94
	Subtest 2	16.45	16.59	16.56
	Subtest 3	16.38	16.42	16.43
	Subtest 4	16.34	16.41	16.42
HSUPA	Subtest 1	14.94	15.44	15.44
	Subtest 2	15.88	15.93	15.94
	Subtest 3	16.39	16.44	16.47
	Subtest 4	15.41	15.45	15.50
	Subtest 5	17.40	17.46	17.48

LTE Band 2

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18607	18900	19193
1.4MHz	QPSK	1	0	19.13	19.17	19.16
		1	3	19.14	19.18	19.19
		1	5	19.12	19.16	19.16
		3	0	18.29	18.23	18.17
		3	1	18.28	18.18	18.20
		3	3	18.23	18.16	18.20
		6	0	18.20	18.20	18.20
	16QAM	1	0	18.18	18.20	18.18
		1	3	18.14	18.24	18.13
		1	5	18.18	18.19	18.14
		3	0	17.33	17.26	17.26
		3	1	17.38	17.27	17.21
		3	3	17.39	17.24	17.20
		6	0	17.40	17.20	17.24
	64QAM	1	0	17.43	17.19	17.27
		1	3	17.47	17.18	17.30
		1	5	17.52	17.17	17.33
		3	0	16.52	16.19	16.29
		3	1	16.53	16.19	16.34
		3	3	16.48	16.21	16.29
		6	0	16.46	16.26	16.26
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18615	18900	19185
3MHz	QPSK	1	0	19.17	19.14	19.11
		1	8	19.20	19.18	19.16
		1	14	19.19	19.18	19.15
		8	0	18.28	18.31	18.35
		8	4	18.23	18.32	18.32
		8	7	18.21	18.30	18.34
		15	0	18.26	18.33	18.31
	16QAM	1	0	18.28	18.36	18.32
		1	8	18.26	18.41	18.30
		1	14	18.28	18.36	18.32
		8	0	17.35	17.52	17.52
		8	4	17.38	17.55	17.47
		8	7	17.33	17.54	17.50
		15	0	17.36	17.54	17.49

	64QAM	1	0	17.35	17.56	17.46
		1	8	17.30	17.55	17.46
		1	14	17.30	17.59	17.49
		8	0	16.23	16.52	16.49
		8	4	16.22	16.54	16.53
		8	7	16.22	16.55	16.53
		15	0	16.25	16.57	16.56
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175
5MHz	QPSK	1	0	19.20	19.17	19.11
		1	13	19.22	19.22	19.15
		1	24	19.21	19.21	19.10
		12	0	18.31	18.41	18.28
		12	6	18.34	18.38	18.26
		12	13	18.30	18.40	18.24
		25	0	18.28	18.38	18.28
	16QAM	1	0	18.31	18.36	18.32
		1	13	18.27	18.37	18.29
		1	24	18.26	18.38	18.29
		12	0	17.50	17.60	17.30
		12	6	17.44	17.58	17.32
		12	13	17.39	17.61	17.35
		25	0	17.41	17.58	17.34
	64QAM	1	0	17.43	17.61	17.37
		1	13	17.47	17.62	17.32
		1	24	17.45	17.67	17.30
		12	0	16.36	16.64	16.22
		12	6	16.33	16.59	16.27
		12	13	16.30	16.59	16.31
		25	0	16.28	16.63	16.35
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18650	18900	19150
10MHz	QPSK	1	0	19.16	19.22	19.15
		1	25	19.21	19.24	19.17
		1	49	19.20	19.22	19.16
		25	0	18.27	18.42	18.32
		25	12	18.27	18.39	18.37
		25	25	18.26	18.40	18.39
		50	0	18.30	18.38	18.44
		1	0	18.26	18.39	18.41
	16QAM	1	0	18.26	18.39	18.41

		1	25	18.24	18.44	18.42
		1	49	18.26	18.42	18.43
		25	0	17.43	17.53	17.64
		25	12	17.47	17.57	17.60
		25	25	17.47	17.56	17.56
		50	0	17.49	17.58	17.56
	64QAM	1	0	17.46	17.60	17.51
		1	25	17.42	17.57	17.50
		1	49	17.44	17.54	17.46
		25	0	16.43	16.49	16.40
		25	12	16.40	16.50	16.41
		25	25	16.37	16.51	16.37
		50	0	16.36	16.48	16.42
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18675	18900	19125
15MHz	QPSK	1	0	19.21	19.20	19.16
		1	37	19.21	19.24	19.16
		1	74	19.18	19.20	19.15
		36	0	18.33	18.45	18.35
		36	20	18.28	18.44	18.34
		36	39	18.24	18.49	18.37
		75	0	18.21	18.49	18.32
	16QAM	1	0	18.17	18.51	18.36
		1	37	18.20	18.51	18.39
		1	74	18.21	18.48	18.38
		36	0	17.27	17.63	17.49
		36	20	17.26	17.58	17.54
		36	39	17.28	17.63	17.59
		75	0	17.24	17.60	17.57
	64QAM	1	0	17.23	17.59	17.55
		1	37	17.23	17.57	17.60
		1	74	17.23	17.62	17.63
		36	0	16.17	16.65	16.56
		36	20	16.16	16.65	16.52
		36	39	16.13	16.68	16.53
		75	0	16.16	16.65	16.52
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				18700	18900	19100
20MHz	QPSK	1	0	19.22	19.26	19.21
		1	50	19.24	19.28	19.21

		1	99	19.21	19.27	19.18
		50	0	18.40	18.51	18.41
		50	25	18.36	18.48	18.37
		50	50	18.35	18.47	18.41
		100	0	18.33	18.51	18.37
	16QAM	1	0	18.29	18.48	18.33
		1	50	18.33	18.46	18.33
		1	99	18.29	18.47	18.32
		50	0	17.54	17.60	17.36
		50	25	17.48	17.58	17.38
		50	50	17.51	17.61	17.43
		100	0	17.53	17.65	17.45
	64QAM	1	0	17.56	17.67	17.46
		1	50	17.51	17.70	17.50
		1	99	17.46	17.68	17.54
		50	0	16.48	16.61	16.49
		50	25	16.51	16.57	16.47
		50	50	16.52	16.57	16.51
		100	0	16.53	16.60	16.46

LTE Band 4

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19957	20175	20393
1.4MHz	QPSK	1	0	18.17	18.14	18.05
		1	3	18.18	18.17	18.05
		1	5	18.13	18.16	18.01
		3	0	17.24	17.23	17.22
		3	1	17.20	17.22	17.19
		3	3	17.23	17.25	17.15
		6	0	17.24	17.29	17.17
	16QAM	1	0	17.27	17.33	17.13
		1	3	17.31	17.28	17.10
		1	5	17.26	17.24	17.09
		3	0	16.42	16.40	16.32
		3	1	16.36	16.39	16.28
		3	3	16.31	16.40	16.32
		6	0	16.32	16.37	16.28
	64QAM	1	0	16.36	16.38	16.33
		1	3	16.34	16.40	16.31
		1	5	16.31	16.41	16.29
		3	0	15.26	15.31	15.29
		3	1	15.24	15.35	15.29
		3	3	15.25	15.33	15.32
		6	0	15.29	15.36	15.31
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19965	20175	20385
3MHz	QPSK	1	0	18.19	18.20	18.03
		1	8	18.22	18.21	18.08
		1	14	18.20	18.19	18.05
		8	0	17.29	17.23	17.28
		8	4	17.34	17.22	17.32
		8	7	17.39	17.25	17.28
		15	0	17.35	17.29	17.30
	16QAM	1	0	17.35	17.29	17.26
		1	8	17.34	17.31	17.31
		1	14	17.38	17.32	17.30
		8	0	16.40	16.38	16.48
		8	4	16.38	16.33	16.41
		8	7	16.36	16.31	16.43
		15	0	16.37	16.31	16.41

	64QAM	1	0	16.36	16.32	16.46
		1	8	16.39	16.32	16.46
		1	14	16.42	16.36	16.41
		8	0	15.34	15.37	15.42
		8	4	15.34	15.40	15.44
		8	7	15.32	15.44	15.40
		15	0	15.36	15.44	15.36
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19975	20175	20375
5MHz	QPSK	1	0	18.20	18.21	18.05
		1	13	18.21	18.21	18.09
		1	24	18.20	18.20	18.06
		12	0	17.26	17.31	17.28
		12	6	17.23	17.35	17.29
		12	13	17.20	17.39	17.27
		25	0	17.23	17.38	17.30
	16QAM	1	0	17.28	17.36	17.29
		1	13	17.27	17.33	17.30
		1	24	17.22	17.29	17.25
		12	0	16.43	16.32	16.43
		12	6	16.49	16.38	16.47
		12	13	16.44	16.38	16.48
		25	0	16.42	16.33	16.51
	64QAM	1	0	16.46	16.33	16.48
		1	13	16.43	16.32	16.45
		1	24	16.39	16.34	16.45
		12	0	15.35	15.28	15.41
		12	6	15.32	15.24	15.41
		12	13	15.29	15.20	15.40
		25	0	15.30	15.21	15.42
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20000	20175	20350
10MHz	QPSK	1	0	18.21	18.23	18.09
		1	25	18.21	18.23	18.12
		1	49	18.17	18.19	18.09
		25	0	17.21	17.21	17.24
		25	12	17.19	17.17	17.29
		25	25	17.19	17.17	17.24
		50	0	17.23	17.14	17.23
	16QAM	1	0	17.23	17.16	17.21

		1	25	17.21	17.19	17.21
		1	49	17.18	17.22	17.24
		25	0	16.39	16.38	16.38
		25	12	16.38	16.42	16.33
		25	25	16.35	16.47	16.35
		50	0	16.37	16.48	16.30
	64QAM	1	0	16.37	16.45	16.34
		1	25	16.42	16.42	16.38
		1	49	16.45	16.44	16.35
		25	0	15.43	15.42	15.31
		25	12	15.38	15.46	15.34
		25	25	15.39	15.46	15.36
		50	0	15.37	15.50	15.36
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20025	20175	20325
15MHz	QPSK	1	0	18.19	18.17	18.12
		1	37	18.21	18.20	18.12
		1	74	18.18	18.20	18.08
		36	0	17.29	17.25	17.23
		36	20	17.32	17.29	17.24
		36	39	17.27	17.34	17.27
		75	0	17.30	17.34	17.26
	16QAM	1	0	17.32	17.36	17.25
		1	37	17.29	17.36	17.23
		1	74	17.27	17.31	17.20
		36	0	16.27	16.31	16.25
		36	20	16.24	16.26	16.25
		36	39	16.27	16.24	16.21
		75	0	16.30	16.22	16.23
	64QAM	1	0	16.34	16.24	16.24
		1	37	16.30	16.27	16.28
		1	74	16.28	16.26	16.26
		36	0	15.29	15.29	15.28
		36	20	15.25	15.25	15.25
		36	39	15.21	15.30	15.29
		75	0	15.23	15.27	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20050	20175	20300
20MHz	QPSK	1	0	18.19	18.17	18.11
		1	50	18.21	18.21	18.13

		1	99	18.16	18.20	18.08
		50	0	17.32	17.24	17.21
		50	25	17.31	17.22	17.19
		50	50	17.36	17.21	17.15
		100	0	17.38	17.22	17.20
	16QAM	1	0	17.40	17.17	17.17
		1	50	17.36	17.16	17.20
		1	99	17.37	17.15	17.21
		50	0	16.61	16.25	16.37
		50	25	16.67	16.26	16.31
		50	50	16.69	16.27	16.35
		100	0	16.71	16.24	16.31
	64QAM	1	0	16.73	16.24	16.29
		1	50	16.71	16.24	16.31
		1	99	16.71	16.24	16.29
		50	0	15.63	15.14	15.32
		50	25	15.67	15.18	15.36
		50	50	15.64	15.20	15.32
		100	0	15.64	15.23	15.31

LTE Band 7

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20775	21100	21425
5MHz	QPSK	1	0	19.30	19.31	19.22
		1	13	19.31	19.32	19.24
		1	24	19.30	19.32	19.21
		12	0	18.41	18.44	18.41
		12	6	18.44	18.44	18.38
		12	13	18.42	18.47	18.35
		25	0	18.38	18.49	18.38
	16QAM	1	0	18.42	18.49	18.37
		1	13	18.43	18.46	18.38
		1	24	18.43	18.46	18.43
		12	0	17.57	17.57	17.60
		12	6	17.61	17.53	17.62
		12	13	17.61	17.55	17.62
		25	0	17.59	17.57	17.65
	64QAM	1	0	17.57	17.56	17.65
		1	13	17.57	17.55	17.67
		1	24	17.57	17.55	17.69
		12	0	16.53	16.57	16.70
		12	6	16.56	16.59	16.71
		12	13	16.53	16.60	16.72
		25	0	16.52	16.58	16.69
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20800	21100	21400
10MHz	QPSK	1	0	19.27	19.27	19.27
		1	25	19.29	19.31	19.31
		1	49	19.27	19.31	19.28
		25	0	18.50	18.39	18.49
		25	12	18.51	18.36	18.51
		25	25	18.48	18.35	18.46
		50	0	18.45	18.34	18.44
	16QAM	1	0	18.49	18.31	18.47
		1	25	18.52	18.35	18.42
		1	49	18.53	18.38	18.39
		25	0	17.61	17.45	17.62
		25	12	17.58	17.49	17.61
		25	25	17.58	17.54	17.60
		50	0	17.60	17.58	17.58

	64QAM	1	0	17.57	17.55	17.54
		1	25	17.61	17.58	17.55
		1	49	17.63	17.53	17.54
		25	0	16.57	16.55	16.50
		25	12	16.56	16.56	16.53
		25	25	16.54	16.55	16.53
		50	0	16.52	16.56	16.49
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20825	21100	21375
15MHz	QPSK	1	0	19.21	19.22	19.30
		1	37	19.26	19.26	19.31
		1	74	19.21	19.22	19.29
		36	0	18.32	18.29	18.48
		36	20	18.33	18.25	18.43
		36	39	18.33	18.21	18.44
		75	0	18.33	18.16	18.48
	16QAM	1	0	18.36	18.13	18.44
		1	37	18.40	18.12	18.45
		1	74	18.37	18.08	18.42
		36	0	17.63	17.19	17.56
		36	20	17.62	17.21	17.51
		36	39	17.65	17.17	17.54
		75	0	17.68	17.22	17.53
	64QAM	1	0	17.70	17.21	17.56
		1	37	17.68	17.22	17.55
		1	74	17.66	17.20	17.57
		36	0	16.64	16.15	16.59
		36	20	16.67	16.14	16.58
		36	39	16.66	16.15	16.58
		75	0	16.62	16.19	16.54
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				20850	21100	21350
20MHz	QPSK	1	0	19.26	19.28	19.28
		1	50	19.29	19.31	19.29
		1	99	19.28	19.27	19.27
		50	0	18.44	18.45	18.30
		50	25	18.40	18.41	18.31
		50	50	18.39	18.46	18.27
		100	0	18.39	18.50	18.30
	16QAM	1	0	18.36	18.48	18.27

		1	50	18.33	18.52	18.24
		1	99	18.30	18.51	18.29
		50	0	17.53	17.70	17.43
		50	25	17.57	17.64	17.46
		50	50	17.61	17.62	17.49
		100	0	17.61	17.61	17.45
	64QAM	1	0	17.64	17.58	17.42
		1	50	17.60	17.56	17.38
		1	99	17.62	17.52	17.34
		50	0	16.55	16.42	16.35
		50	25	16.60	16.39	16.37
		50	50	16.61	16.42	16.39
		100	0	16.57	16.38	16.34

LTE Band 38

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37775	38000	38225
5MHz	QPSK	1	0	21.09	21.13	21.20
		1	13	21.10	21.14	21.22
		1	24	21.08	21.10	21.18
		12	0	20.13	20.24	20.40
		12	6	20.17	20.22	20.40
		12	13	20.12	20.23	20.40
		25	0	20.13	20.24	20.38
	16QAM	1	0	20.12	20.22	20.35
		1	13	20.13	20.18	20.34
		1	24	20.16	20.13	20.33
		12	0	19.23	19.27	19.52
		12	6	19.19	19.22	19.48
		12	13	19.17	19.22	19.43
		25	0	19.13	19.24	19.42
	64QAM	1	0	19.17	19.25	19.41
		1	13	19.17	19.28	19.46
		1	24	19.16	19.24	19.42
		12	0	18.12	18.27	18.39
		12	6	18.16	18.30	18.41
		12	13	18.17	18.31	18.41
		25	0	18.18	18.33	18.37
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37800	38000	38200
10MHz	QPSK	1	0	21.10	21.15	21.21
		1	25	21.13	21.19	21.21
		1	49	21.12	21.17	21.19
		25	0	20.16	20.24	20.32
		25	12	20.20	20.28	20.36
		25	25	20.19	20.27	20.36
		50	0	20.19	20.27	20.39
	16QAM	1	0	20.20	20.31	20.35
		1	25	20.22	20.29	20.37
		1	49	20.27	20.32	20.42
		25	0	19.29	19.33	19.51
		25	12	19.23	19.37	19.56
		25	25	19.26	19.40	19.59
		50	0	19.26	19.39	19.61

	64QAM	1	0	19.28	19.38	19.61
		1	25	19.27	19.34	19.63
		1	49	19.25	19.37	19.63
		25	0	18.20	18.28	18.65
		25	12	18.20	18.30	18.65
		25	25	18.17	18.35	18.63
		50	0	18.14	18.34	18.66
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37825	38000	38175
15MHz	QPSK	1	0	21.11	21.20	21.16
		1	37	21.15	21.20	21.20
		1	74	21.12	21.16	21.15
		36	0	20.13	20.22	20.40
		36	20	20.15	20.17	20.44
		36	39	20.16	20.13	20.43
		75	0	20.13	20.10	20.46
	16QAM	1	0	20.13	20.15	20.44
		1	37	20.12	20.18	20.49
		1	74	20.07	20.21	20.44
		36	0	19.12	19.35	19.54
		36	20	19.15	19.39	19.49
		36	39	19.10	19.43	19.51
		75	0	19.13	19.46	19.52
	64QAM	1	0	19.08	19.41	19.57
		1	37	19.11	19.38	19.61
		1	74	19.08	19.40	19.63
		36	0	18.03	18.30	18.63
		36	20	18.05	18.29	18.59
		36	39	18.08	18.24	18.61
		75	0	18.05	18.28	18.66
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				37850	38000	38150
20MHz	QPSK	1	0	21.16	21.21	21.19
		1	50	21.18	21.23	21.21
		1	99	21.15	21.22	21.19
		50	0	20.19	20.38	20.22
		50	25	20.23	20.40	20.25
		50	50	20.27	20.38	20.21
		100	0	20.24	20.34	20.21
		1	0	20.21	20.34	20.24
	16QAM	1	0	20.21	20.34	20.24

		1	50	20.26	20.35	20.21
		1	99	20.31	20.37	20.25
		50	0	19.41	19.42	19.48
		50	25	19.41	19.41	19.42
		50	50	19.40	19.40	19.41
		100	0	19.44	19.43	19.42
	64QAM	1	0	19.41	19.43	19.44
		1	50	19.36	19.48	19.46
		1	99	19.33	19.53	19.45
		50	0	18.23	18.52	18.44
		50	25	18.27	18.55	18.42
		50	50	18.30	18.54	18.45
		100	0	18.31	18.56	18.41

LTE Band 41

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40065	40640	41215
5MHz	QPSK	1	0	21.12	21.19	21.01
		1	13	21.13	21.19	21.03
		1	24	21.11	21.17	20.99
		12	0	20.34	20.33	20.22
		12	6	20.38	20.30	20.24
		12	13	20.37	20.28	20.19
		25	0	20.33	20.32	20.19
	16QAM	1	0	20.34	20.32	20.23
		1	13	20.29	20.30	20.19
		1	24	20.27	20.27	20.15
		12	0	19.51	19.50	19.20
		12	6	19.55	19.51	19.17
		12	13	19.51	19.49	19.15
		25	0	19.49	19.46	19.11
	64QAM	1	0	19.48	19.49	19.13
		1	13	19.51	19.51	19.10
		1	24	19.48	19.52	19.10
		12	0	18.50	18.51	18.05
		12	6	18.52	18.51	18.03
		12	13	18.54	18.55	17.99
		25	0	18.51	18.57	17.94
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40090	40640	41190
10MHz	QPSK	1	0	21.06	21.12	21.06
		1	25	21.10	21.15	21.09
		1	49	21.09	21.14	21.08
		25	0	20.25	20.23	20.13
		25	12	20.25	20.20	20.14
		25	25	20.30	20.16	20.15
		50	0	20.34	20.20	20.15
	16QAM	1	0	20.38	20.19	20.14
		1	25	20.36	20.20	20.18
		1	49	20.37	20.19	20.20
		25	0	19.45	19.29	19.45
		25	12	19.46	19.26	19.41
		25	25	19.42	19.23	19.38
		50	0	19.39	19.21	19.41

	64QAM	1	0	19.39	19.25	19.39
		1	25	19.43	19.27	19.44
		1	49	19.45	19.25	19.41
		25	0	18.36	18.28	18.35
		25	12	18.36	18.29	18.35
		25	25	18.35	18.33	18.31
		50	0	18.36	18.35	18.29
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40115	40640	41165
15MHz	QPSK	1	0	21.11	21.14	21.06
		1	37	21.11	21.15	21.06
		1	74	21.07	21.15	21.01
		36	0	20.23	20.37	20.17
		36	20	20.19	20.36	20.21
		36	39	20.17	20.37	20.16
		75	0	20.13	20.36	20.20
	16QAM	1	0	20.17	20.39	20.17
		1	37	20.14	20.34	20.16
		1	74	20.13	20.38	20.18
		36	0	19.25	19.46	19.21
		36	20	19.23	19.51	19.22
		36	39	19.22	19.51	19.27
		75	0	19.25	19.56	19.28
	64QAM	1	0	19.25	19.57	19.25
		1	37	19.21	19.56	19.24
		1	74	19.26	19.54	19.25
		36	0	18.24	18.48	18.16
		36	20	18.25	18.52	18.18
		36	39	18.24	18.50	18.22
		75	0	18.29	18.48	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				40140	40640	41140
20MHz	QPSK	1	0	21.09	21.12	21.03
		1	50	21.12	21.16	21.08
		1	99	21.10	21.11	21.04
		50	0	20.29	20.34	20.28
		50	25	20.28	20.37	20.24
		50	50	20.26	20.38	20.20
		100	0	20.28	20.37	20.17
	16QAM	1	0	20.27	20.36	20.13

		1	50	20.29	20.32	20.15
		1	99	20.31	20.32	20.10
		50	0	19.56	19.41	19.21
		50	25	19.57	19.42	19.14
		50	50	19.60	19.39	19.12
		100	0	19.63	19.35	19.12
	64QAM	1	0	19.63	19.34	19.12
		1	50	19.62	19.33	19.16
		1	99	19.65	19.34	19.17
		50	0	18.68	18.31	18.10
		50	25	18.69	18.32	18.11
		50	50	18.69	18.35	18.12
		100	0	18.66	18.31	18.14

LTE Band 66

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19207	19575	19943
1.4MHz	QPSK	1	0	18.08	18.12	18.07
		1	3	18.09	18.14	18.09
		1	5	18.08	18.10	18.07
		3	0	17.31	17.19	17.19
		3	1	17.34	17.18	17.22
		3	3	17.39	17.13	17.18
		6	0	17.42	17.15	17.22
	16QAM	1	0	17.40	17.14	17.24
		1	3	17.42	17.10	17.21
		1	5	17.39	17.07	17.19
		3	0	16.47	16.16	16.22
		3	1	16.41	16.19	16.20
		3	3	16.40	16.24	16.22
		6	0	16.36	16.20	16.19
	64QAM	1	0	16.35	16.19	16.24
		1	3	16.31	16.21	16.19
		1	5	16.30	16.18	16.17
		3	0	15.22	15.15	15.16
		3	1	15.21	15.16	15.19
		3	3	15.18	15.14	15.14
		6	0	15.18	15.18	15.13
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19215	19575	19935
3MHz	QPSK	1	0	18.04	18.17	18.14
		1	8	18.08	18.22	18.18
		1	14	18.05	18.17	18.14
		8	0	17.19	17.34	17.31
		8	4	17.23	17.32	17.31
		8	7	17.25	17.36	17.27
		15	0	17.29	17.39	17.29
	16QAM	1	0	17.34	17.42	17.33
		1	8	17.38	17.43	17.34
		1	14	17.39	17.48	17.39
		8	0	16.56	16.53	16.45
		8	4	16.52	16.54	16.48
		8	7	16.57	16.57	16.45
		15	0	16.60	16.53	16.48

	64QAM	1	0	16.63	16.49	16.49
		1	8	16.58	16.49	16.44
		1	14	16.59	16.46	16.43
		8	0	15.53	15.45	15.36
		8	4	15.50	15.45	15.35
		8	7	15.52	15.40	15.37
		15	0	15.51	15.44	15.38
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19225	19575	19925
5MHz	QPSK	1	0	18.05	18.20	18.16
		1	13	18.10	18.22	18.18
		1	24	18.09	18.22	18.16
		12	0	17.14	17.22	17.17
		12	6	17.18	17.25	17.14
		12	13	17.14	17.20	17.09
		25	0	17.16	17.19	17.06
	16QAM	1	0	17.20	17.18	17.07
		1	13	17.15	17.16	17.10
		1	24	17.20	17.21	17.13
		12	0	16.23	16.45	16.38
		12	6	16.18	16.42	16.35
		12	13	16.20	16.44	16.34
		25	0	16.15	16.46	16.34
	64QAM	1	0	16.18	16.47	16.32
		1	13	16.15	16.46	16.28
		1	24	16.14	16.48	16.28
		12	0	15.09	15.51	15.20
		12	6	15.13	15.55	15.20
		12	13	15.16	15.53	15.23
		25	0	15.20	15.50	15.28
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19250	19575	19900
10MHz	QPSK	1	0	18.06	18.15	18.17
		1	25	18.09	18.19	18.21
		1	49	18.08	18.14	18.18
		25	0	17.21	17.19	17.20
		25	12	17.20	17.14	17.20
		25	25	17.16	17.18	17.24
		50	0	17.11	17.21	17.19
		1	0	17.06	17.21	17.24
	16QAM	1	0	17.06	17.21	17.24

		1	25	17.09	17.24	17.19
		1	49	17.12	17.23	17.23
		25	0	16.28	16.47	16.38
		25	12	16.23	16.45	16.32
		25	25	16.22	16.43	16.36
		50	0	16.18	16.43	16.34
	64QAM	1	0	16.21	16.42	16.32
		1	25	16.21	16.46	16.28
		1	49	16.19	16.44	16.25
		25	0	15.17	15.43	15.16
		25	12	15.13	15.38	15.16
		25	25	15.13	15.39	15.14
		50	0	15.09	15.36	15.15
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19275	19575	19875
15MHz	QPSK	1	0	18.07	18.14	18.16
		1	37	18.12	18.14	18.17
		1	74	18.08	18.13	18.14
		36	0	17.32	17.27	17.16
		36	20	17.34	17.30	17.16
		36	39	17.37	17.31	17.11
		75	0	17.37	17.32	17.11
	16QAM	1	0	17.38	17.34	17.07
		1	37	17.41	17.36	17.08
		1	74	17.37	17.36	17.03
		36	0	16.56	16.44	16.06
		36	20	16.50	16.43	16.04
		36	39	16.49	16.41	16.04
		75	0	16.52	16.46	16.06
	64QAM	1	0	16.48	16.49	16.02
		1	37	16.48	16.51	16.06
		1	74	16.45	16.51	16.03
		36	0	15.36	15.50	15.05
		36	20	15.40	15.52	15.03
		36	39	15.38	15.48	15.00
		75	0	15.37	15.47	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				19300	19575	19850
20MHz	QPSK	1	0	18.10	18.14	18.13
		1	50	18.11	18.17	18.16

		1	99	18.11	18.16	18.16
		50	0	17.27	17.36	17.38
		50	25	17.31	17.36	17.37
		50	50	17.30	17.35	17.39
		100	0	17.35	17.38	17.36
	16QAM	1	0	17.35	17.38	17.40
		1	50	17.30	17.43	17.44
		1	99	17.34	17.40	17.43
		50	0	16.50	16.61	16.54
		50	25	16.46	16.62	16.59
		50	50	16.47	16.57	16.60
		100	0	16.44	16.53	16.62
	64QAM	1	0	16.45	16.57	16.63
		1	50	16.44	16.55	16.60
		1	99	16.45	16.59	16.65
		50	0	15.45	15.60	15.62
		50	25	15.43	15.58	15.60
		50	50	15.48	15.56	15.60
		100	0	15.51	15.56	15.60

**Full Power:
2.4G WIFI**

Channel	Frequency (MHz)	Data Rate (Mbps)			
		1	2	5.5	11
CH 01	2,412	18.46	18.31	18.26	18.17
CH 07	2,442	18.50	18.27	18.21	18.19
CH 13	2,472	18.44	18.33	18.27	18.21

802.11g AVERAGE CONDUCTED POWER (dBm)

Channel	Frequency (MHz)	Data Rate (Mbps)							
		6	9	12	18	24	36	48	54
CH 01	2,412	18.38	18.07	17.97	17.90	17.79	17.63	17.53	17.47
CH 07	2,442	18.35	18.18	18.07	18.03	17.88	17.83	17.71	17.64
CH 13	2,472	18.35	18.17	18.12	18.00	17.88	17.78	17.71	17.63

802.11n-HT20 AVERAGE CONDUCTED POWER (dBm)

Channel	Frequency (MHz)	Data Rate							
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
CH 01	2,412	16.32	15.97	15.81	15.81	15.58	15.46	15.26	14.97
CH 07	2,442	16.30	16.06	15.94	15.87	15.67	15.54	15.30	15.03
CH 13	2,472	16.35	15.95	15.76	15.74	15.53	15.38	15.21	14.85

5G WIFI:

Band (GHz)	Mode	Data Rate	CH#	Freq (MHz)	AVERAGE CONDUCTED POWER (dBm)
5.2	802.11a	6Mbps	36	5180	17.6
			40	5200	17.57
			44	5220	17.51
			48	5240	17.61
	802.11n (HT20)	MCS0	36	5180	16.44
			40	5200	16.33
			48	5240	16.33
	802.11n (HT40)	MCS0	38	5190	14.82
			46	5230	14.76
	802.11ac (HT20)	MCS0	36	5180	15.95
			40	5200	15.76
			48	5240	15.84
	802.11ac (HT40)	MCS0	38	5190	14.12
			46	5230	14.12
	802.11ac (HT80)	MCS0	42	5210	13.26
5.3	802.11a	6Mbps	52	5260	17.56
			56	5280	17.53
			60	5300	17.4
			64	5320	17.45
	802.11n (HT20)	MCS0	52	5260	16.42
			60	5300	16.5
			64	5320	16.29
	802.11n (HT40)	MCS0	54	5270	14.79
			62	5310	14.77
	802.11ac (HT20)	MCS0	52	5260	15.9
			60	5300	15.92
			64	5320	15.87
	802.11ac (HT40)	MCS0	54	5270	14.21
			62	5310	14.24
	802.11ac (HT80)	MCS0	58	5300	13.28

5.6G	802.11a	6Mbps	100	5500	17.54
			104	5520	17.51
			108	5540	17.5
			112	5560	17.46
			116	5580	17.62
			120	5600	17.57
			124	5620	17.4
			128	5640	17.54
			132	5660	17.52
			136	5680	17.56
			140	5700	17.47
	802.11n (HT20)	MCS0	100	5500	16.48
			116	5580	16.43
			140	5700	16.29
	802.11n (HT40)	MCS0	102	5510	14.79
			110	5550	14.81
			134	5670	14.83
	802.11ac (HT20)	MCS0	100	5500	15.8
			116	5580	15.86
			140	5700	15.92
	802.11ac (HT40)	MCS0	102	5510	14.13
			110	5550	14.2
			142	5710	14.14
	802.11ac (HT80)	MCS0	106	5530	13.42
			122	5610	13.35
			138	5690	13.24
	802.11a	6Mbps	149	5745	15.51
			157	5785	15.49
			165	5825	15.58
	802.11n (HT20)	MCS0	149	5745	15.37
			157	5785	15.28
			165	5825	15.41
	802.11n (HT40)	MCS0	151	5755	14.79
			159	5795	14.85
	802.11ac (HT20)	MCS0	149	5745	15.28
			157	5785	15.45
			165	5825	15.28
	802.11ac (HT40)	MCS0	151	5755	14.17
			159	5795	14.22
	802.11ac	MCS0	155	5775	13.39

	(HT80)			
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Bluetooth 2.4GHz(BR/EDR) Band Conducted Power		
Channel	Frequency(MHz)	Conducted Power (dBm)
CH 0	2,402	10.12
CH 39	2,441	10.33
CH 78	2,480	10.15

BLE2.4GHz Band Conducted Power		
Channel	Frequency(MHz)	Conducted Power (dBm)
CH 0	2,402	6.35
CH 19	2,440	6.29
CH 39	2,480	6.51

Power Reduce Level 1

Band (GHz)	Mode	Data Rate	CH#	Freq (MHz)	AVERAGE CONDUCTED POWER (dBm)
5.2	802.11a	6Mbps	36	5180	14.66
			40	5200	14.43
			44	5220	14.41
			48	5240	14.58
	802.11n (HT20)	MCS0	36	5180	14.46
			40	5200	14.45
			48	5240	14.3
	802.11n (HT40)	MCS0	38	5190	14.28
			46	5230	14.34
	802.11ac (HT20)	MCS0	36	5180	14.43
			40	5200	14.48
			48	5240	14.46
5.3	802.11ac (HT40)	MCS0	38	5190	14.2
			46	5230	14.2
	802.11ac (HT80)	MCS0	42	5210	13.2
	802.11a	6Mbps	52	5260	13.76
			56	5280	13.58
			60	5300	13.6
			64	5320	13.58

5.6G	802.11n (HT20)	MCS0	52	5260	13.5
			60	5300	13.68
			64	5320	13.64
	802.11n (HT40)	MCS0	54	5270	13.43
			62	5310	13.48
	802.11ac (HT20)	MCS0	52	5260	13.62
			60	5300	13.54
			64	5320	13.58
	802.11ac (HT40)	MCS0	54	5270	13.38
			62	5310	13.31
	802.11ac (HT80)	MCS0	58	5300	12.33
	802.11a	6Mbps	100	5500	14.63
			104	5520	14.53
			108	5540	14.59
			112	5560	14.61
			116	5580	14.48
			120	5600	14.45
			124	5620	14.6
			128	5640	14.47
			132	5660	14.58
			136	5680	14.53
			140	5700	14.56
	802.11n (HT20)	MCS0	100	5500	16.48
			116	5580	
			140	5700	16.29
	802.11n (HT40)	MCS0	102	5510	14.79
			110	5550	14.81
			134	5670	14.83
	802.11ac (HT20)	MCS0	100	5500	15.8
			116	5580	15.86
			140	5700	15.92
	802.11ac (HT40)	MCS0	102	5510	14.13
			110	5550	14.2
			142	5710	14.14
	802.11ac (HT80)	MCS0	106	5530	13.42
			122	5610	13.35
			138	5690	13.24

Power Reduce Level 2

802.11b AVERAGE CONDUCTED POWER (dBm)

Channel	Frequency (MHz)	Data Rate (Mbps)			
		1	2	5.5	11
CH 01	2,412	16.51	16.30	16.23	16.18
CH 07	2,442	16.45	16.33	16.29	16.24
CH 13	2,472	16.42	16.32	16.23	16.16

802.11g AVERAGE CONDUCTED POWER (dBm)

Channel	Frequency (MHz)	Data Rate (Mbps)							
		6	9	12	18	24	36	48	54
CH 01	2,412	16.42	16.13	16.02	15.92	15.80	15.72	15.62	15.53
CH 07	2,442	16.36	16.22	16.11	15.99	15.93	15.82	15.74	15.64
CH 13	2,472	16.38	16.12	16.05	15.95	15.82	15.79	15.65	15.54

802.11n-HT20 AVERAGE CONDUCTED POWER (dBm)

Channel	Frequency (MHz)	Data Rate							
		MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
CH 01	2,412	14.28	14.02	13.90	13.81	13.65	13.54	13.33	13.01
CH 07	2,442	14.35	13.94	13.75	13.75	13.56	13.38	13.21	12.92
CH 13	2,472	14.28	14.03	13.87	13.86	13.64	13.54	13.30	13.02

5G WIFI

Band (GHz)	Mode	Data Rate	CH#	Freq (MHz)	AVERAGE CONDUCTED POWER (dBm)
5.2	802.11a	6Mbps	36	5180	15.64
			40	5200	15.41
			44	5220	15.46
			48	5240	15.65
	802.11n (HT20)	MCS0	36	5180	15.4
			40	5200	15.41
			48	5240	15.47
	802.11n (HT40)	MCS0	38	5190	14.85
			46	5230	14.78
	802.11ac (HT20)	MCS0	36	5180	15.35
			40	5200	15.35
			48	5240	15.48
	802.11ac (HT40)	MCS0	38	5190	14.21
			46	5230	14.24
	802.11ac (HT80)	MCS0	42	5210	13.2
5.3	802.11a	6Mbps	52	5260	15.69
			56	5280	15.47
			60	5300	15.52
			64	5320	15.57
	802.11n (HT20)	MCS0	52	5260	15.32
			60	5300	15.3
			64	5320	15.25
	802.11n (HT40)	MCS0	54	5270	14.85
			62	5310	14.85
	802.11ac (HT20)	MCS0	52	5260	15.46
			60	5300	15.36
			64	5320	15.43
	802.11ac (HT40)	MCS0	54	5270	14.13
			62	5310	14.22
	802.11ac (HT80)	MCS0	58	5300	13.17
5.6G	802.11a	6Mbps	100	5500	15.7
			104	5520	15.56
			108	5540	15.58

			112	5560	15.4
			116	5580	15.53
			120	5600	15.57
			124	5620	15.48
			128	5640	15.63
			132	5660	15.43
			136	5680	15.46
			140	5700	15.61
	802.11n (HT20)	MCS0	100	5500	15.39
			116	5580	15.25
			140	5700	15.44
	802.11n (HT40)	MCS0	102	5510	14.78
			110	5550	14.84
			134	5670	14.78
	802.11ac (HT20)	MCS0	100	5500	15.33
			116	5580	15.43
			140	5700	15.41
	802.11ac (HT40)	MCS0	102	5510	14.27
			110	5550	14.16
			142	5710	14.28
	802.11ac (HT80)	MCS0	106	5530	13.4
			122	5610	13.3
			138	5690	13.32

Remark:

Output Power Measurement Considerations for Wi-Fi 2.4 GHz band

1. 2.4 GHz 802.11b DSSS:

- Output power measurement is not required:

o When SAR Test Exclusion according to KDB 447498 D01 applies.

o When other power measurement reduction applies.

- Otherwise, output power measurement is required on:

o Channels 1, 6, and 11, when the output power specified for other channels is no higher than the abovementioned channels.

o The closest adjacent channels to the aforementioned channels, when the output power specified for these adjacent channels is higher.

- For ease of identification, 802.11b DSSS is identified as the Initial Test Configuration for the 2.4 GHz band.

2. 2.4 GHz 802.11g/n OFDM

- Output power measurement is not required:
 - o When SAR Test Exclusion according to KDB 447498 D01 applies.
 - o When SAR Test Exclusion procedures for 2.4 GHz 802.11g/n OFDM applies, according to the SAR measurement results from 802.11b DSSS; see Section 11 of the report for details.
- Otherwise, output power measurement is required for 2.4 GHz 802.11g/n OFDM, with the following considerations:
 - o If 40 MHz bandwidth configurations are supported, measure power for either Channel 6 or the highest specified output power channel.
 - o Output power measurement requirements for smaller bandwidth configurations are dependent on the SAR measurement results from the 40 MHz bandwidth configurations.
 - o If no 40 MHz bandwidth configurations are supported, then a channel selection process similar to 802.11b DSSS is applied.
- The output power measurement is required for 2.4 GHz 802.11g/n OFDM as a result of 802.11b DSSS reported SAR results, the required test configurations in 2.4 GHz 802.11g/n OFDM are identified as Subsequent Test Configurations with respect to the Initial Test Configuration status assigned to 802.11b DSSS.
- If, for a particular antenna or transmit diversity condition supported by the device, no 802.11b DSSS configurations are available, output power should also be measured as a default for 802.11g/n OFDM when SAR Test Exclusion according to KDB 447498 D01 does not apply; these 802.11g/n OFDM configurations are considered the Initial Test Configurations for the respective antenna/transmit diversity condition.

Initial Test Position SAR Test Reduction

For both DSSS and OFDM wireless modes, when an Initial Test Configuration is found to require SAR measurements, an Initial Test Position is established for each applicable exposure configuration (Head, Body, etc.) using either:

- Design implementation details from the manufacturer, or
- Investigative results by the test lab, obtained by performing area scans on the Initial Test Configuration for all applicable test positions and identifying the highest measured SAR from the area scan-only measurements.

Complete SAR scans are then performed on the established Initial Test Position on each exposure configuration, using the Initial Test Configuration. When the reported SAR for this Initial Test Position is: - ≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in the exposure configuration and wireless mode combination within the frequency band or aggregated band. - > 0.4 W/kg, SAR is repeated using the same wireless mode test configuration tested in the initial test position to measure the subsequent next closest/smallest test separation distance and maximum

coupling test position, on the highest maximum output power channel until the reported SAR is ≤ 0.8 W/kg or all required test positions are tested.

- For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, measure the SAR for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required test channels are considered.