

4 Test Types and Results

4.1 Output Power Measurement

4.1.1 Limits of Output Power Measurement

Mobile / Portable station are limited to 2 watts e.i.r.p.

4.1.2 Test Procedures

Conducted Power Measurement:

The EUT was set up for the maximum power with GPRS, EDGE, LTE link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

Maximum EIRP / ERP

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$$\text{EIRP} = P_{\text{Meas}} + G_{\text{T}}$$

$$\text{ERP} = P_{\text{Meas}} + G_{\text{T}} - 2.15$$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively
(expressed in the same units as P_{Meas} , e.g., dBm or dBW)

P_{Meas} measured transmitter output power or PSD, in dBm or dBW

G_{T} gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

4.1.3 Test Setup

Conducted Power Measurement:



4.1.4 Test Results

Conducted Output Power (dBm)

Band	GPRS, EDGE 1900		
Channel	512	661	810
Frequency	1850.2	1880	1909.8
GPRS	28.06	28.35	28.61
EDGE	27.11	27.37	27.58

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18700	18900	19100
		Frequency (MHz)		1860	1880	1900
20M	QPSK	1	0	22.10	22.45	22.81
		1	50	22.14	22.56	22.94
		1	99	22.05	22.48	22.79
		50	0	20.98	21.40	21.65
		50	25	21.03	21.53	21.87
		50	50	21.07	21.54	21.91
		100	0	21.00	21.55	21.95
20M	16QAM	1	0	21.67	21.36	21.87
		1	50	22.04	21.73	22.34
		1	99	21.94	21.74	22.29
		50	0	20.65	20.57	21.03
		50	25	20.58	20.55	20.96
		50	50	20.44	20.53	21.01
		100	0	20.43	20.57	21.10
20M	64QAM	1	0	20.55	20.53	20.88
		1	50	20.62	20.68	20.94
		1	99	20.55	20.58	20.80
		50	0	19.52	19.53	19.85
		50	25	19.60	19.58	19.92
		50	50	19.58	19.63	19.91
		100	0	19.47	19.54	19.84

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18675	18900	19125
		Frequency (MHz)		1857.5	1880	1902.5
15M	QPSK	1	0	22.09	22.37	22.65
		1	37	22.31	22.59	22.87
		1	74	22.14	22.52	22.79
		36	0	21.13	21.52	21.75
		36	19	21.20	21.63	21.93
		36	39	21.13	21.59	21.90
		75	0	21.04	21.53	21.77
15M	16QAM	1	0	21.68	21.47	21.79
		1	37	21.90	21.81	22.25
		1	74	21.97	21.89	22.12
		36	0	20.54	20.55	20.84
		36	19	20.54	20.65	20.87
		36	39	20.52	20.62	20.87
		75	0	20.36	20.57	20.79
15M	64QAM	1	0	20.37	20.80	20.74
		1	37	20.32	20.73	20.94
		1	74	20.34	20.85	20.78
		36	0	18.97	19.48	19.50
		36	19	19.07	19.66	19.73
		36	39	18.95	19.64	19.74
		75	0	18.75	19.55	19.64

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18650	18900	19150
		Frequency (MHz)		1855	1880	1905
10M	QPSK	1	0	22.05	22.32	22.63
		1	24	22.28	22.54	23.04
		1	49	22.38	22.65	22.90
		25	0	21.19	21.51	21.88
		25	12	21.34	21.68	22.08
		25	25	21.10	21.56	21.94
		50	0	21.09	21.63	22.00
10M	16QAM	1	0	21.37	21.74	21.63
		1	24	21.36	21.85	21.86
		1	49	21.33	21.84	21.75
		25	0	19.98	20.52	20.58
		25	12	19.95	20.61	20.67
		25	25	19.89	20.56	20.62
		50	0	19.97	20.67	20.69
10M	64QAM	1	0	20.34	20.69	20.79
		1	24	20.48	20.93	20.94
		1	49	20.22	20.67	20.66
		25	0	19.03	19.53	19.43
		25	12	19.05	19.57	19.55
		25	25	19.14	19.65	19.61
		50	0	18.95	19.57	19.50

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18625	18900	19175
		Frequency (MHz)		1852.5	1880	1907.5
5M	QPSK	1	0	22.03	22.25	22.57
		1	12	22.34	22.54	22.88
		1	24	22.16	22.43	22.81
		12	0	21.22	21.53	22.00
		12	6	21.37	21.69	22.20
		12	13	21.15	21.53	22.12
		25	0	21.04	21.51	22.02
5M	16QAM	1	0	21.52	21.71	21.61
		1	12	21.31	21.53	21.81
		1	24	21.43	21.69	21.58
		12	0	20.10	20.47	20.37
		12	6	20.07	20.46	20.39
		12	13	20.00	20.43	20.37
		25	0	20.08	20.55	20.48
5M	64QAM	1	0	20.31	20.69	20.71
		1	12	20.22	20.72	20.78
		1	24	20.16	20.64	20.55
		12	0	18.85	19.45	19.32
		12	6	18.93	19.54	19.47
		12	13	18.83	19.52	19.46
		25	0	18.67	19.46	19.49

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18615	18900	19185
		Frequency (MHz)		1851.5	1880	1908.5
3M	QPSK	1	0	22.00	22.28	22.55
		1	7	22.20	22.45	22.70
		1	14	22.21	22.47	22.64
		8	0	21.18	21.53	21.78
		8	3	21.10	21.57	21.89
		8	7	20.96	21.47	21.78
		15	0	20.91	21.46	21.86
3M	16QAM	1	0	21.33	21.66	21.59
		1	7	21.24	21.56	21.67
		1	14	21.35	21.64	21.65
		8	0	20.20	20.58	20.69
		8	3	20.31	20.66	20.68
		8	7	20.22	20.62	20.72
		15	0	20.16	20.54	20.68
3M	64QAM	1	0	20.47	20.69	20.73
		1	7	20.44	20.75	20.82
		1	14	20.37	20.77	20.81
		8	0	19.17	19.54	19.63
		8	3	19.28	19.72	19.91
		8	7	19.17	19.69	19.84
		15	0	19.01	19.54	19.59

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18607	18900	19193
		Frequency (MHz)		1850.7	1880	1909.3
1.4M	QPSK	1	0	22.05	22.20	22.51
		1	2	22.28	22.43	22.73
		1	5	22.11	22.38	22.78
		3	0	22.17	22.41	22.63
		3	1	22.21	22.49	22.65
		3	3	22.19	22.47	22.73
		6	0	21.05	21.41	21.67
1.4M	16QAM	1	0	21.41	21.62	21.55
		1	2	21.22	21.54	21.38
		1	5	21.26	21.48	21.64
		3	0	20.95	21.44	21.36
		3	1	21.06	21.61	21.55
		3	3	20.97	21.52	21.53
		6	0	19.99	20.64	20.61
1.4M	64QAM	1	0	20.28	20.59	20.70
		1	2	20.23	20.63	20.82
		1	5	20.26	20.63	20.90
		3	0	20.14	20.57	20.76
		3	1	19.98	20.43	20.54
		3	3	19.96	20.41	20.56
		6	0	18.95	19.37	19.53

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26140	26365	26590
		Frequency (MHz)		1860	1882.5	1905
20M	QPSK	1	0	22.47	22.56	22.41
		1	50	22.61	22.41	22.93
		1	99	22.38	22.52	22.53
		50	0	21.28	21.85	21.64
		50	25	21.65	21.96	21.41
		50	50	21.73	21.92	21.78
		100	0	21.81	21.59	21.39
20M	16QAM	1	0	22.05	21.65	21.92
		1	50	21.62	21.68	21.69
		1	99	21.73	21.66	21.65
		50	0	20.45	20.78	20.47
		50	25	20.57	20.48	20.69
		50	50	20.92	20.81	20.41
		100	0	20.41	20.94	20.76
20M	64QAM	1	0	20.75	20.90	20.50
		1	50	21.12	21.33	21.17
		1	99	20.79	20.89	20.73
		50	0	19.48	19.43	19.88
		50	25	19.80	19.53	19.77
		50	50	19.99	19.67	19.55
		100	0	19.81	19.75	19.63

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26115	26365	26615
		Frequency (MHz)		1857.5	1882.5	1907.5
15M	QPSK	1	0	22.08	22.16	22.29
		1	37	22.51	22.41	22.92
		1	74	22.27	22.34	22.56
		36	0	21.54	21.80	21.52
		36	19	21.63	22.00	21.47
		36	39	21.85	21.88	21.97
		75	0	21.41	21.64	21.54
15M	16QAM	1	0	22.03	21.62	21.53
		1	37	21.76	22.12	22.18
		1	74	21.90	22.07	21.75
		36	0	20.70	20.38	20.55
		36	19	20.37	20.35	20.85
		36	39	20.39	20.54	20.85
		75	0	20.61	20.52	20.69
15M	64QAM	1	0	20.71	20.63	20.46
		1	37	20.83	21.02	21.08
		1	74	20.77	20.88	20.74
		36	0	19.84	19.37	19.92
		36	19	19.40	19.77	19.54
		36	39	19.95	19.96	19.74
		75	0	19.78	19.56	19.63

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26090	26365	26640
		Frequency (MHz)		1855	1882.5	1910
10M	QPSK	1	0	22.52	22.11	22.02
		1	24	22.73	22.90	22.83
		1	49	22.50	22.45	22.37
		25	0	21.65	21.64	21.76
		25	12	21.40	21.99	21.93
		25	25	21.40	21.88	21.78
		50	0	21.76	21.44	21.61
10M	16QAM	1	0	21.48	21.92	21.51
		1	24	21.81	21.68	21.65
		1	49	21.87	21.82	21.69
		25	0	20.35	20.77	20.65
		25	12	20.50	20.94	20.56
		25	25	20.62	20.56	20.41
		50	0	20.39	20.77	20.62
10M	64QAM	1	0	20.57	21.01	20.45
		1	24	21.11	20.84	21.30
		1	49	20.75	20.79	20.62
		25	0	19.55	19.93	19.89
		25	12	19.85	19.83	19.49
		25	25	19.69	19.55	19.79
		50	0	19.56	19.78	19.83

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26065	26365	26665
		Frequency (MHz)		1852.5	1882.5	1912.5
5M	QPSK	1	0	22.32	22.04	22.52
		1	12	22.62	22.60	22.65
		1	24	22.57	22.33	22.47
		12	0	21.58	21.38	21.54
		12	6	21.70	21.96	21.67
		12	13	21.69	21.43	21.42
		25	0	21.62	21.83	21.77
5M	16QAM	1	0	21.75	21.46	21.54
		1	12	21.89	21.73	21.62
		1	24	21.83	21.60	21.94
		12	0	20.64	20.56	20.54
		12	6	20.65	20.80	20.95
		12	13	20.66	20.60	20.50
		25	0	20.66	20.71	20.80
5M	64QAM	1	0	20.73	20.46	20.89
		1	12	21.05	21.04	21.21
		1	24	20.82	21.05	20.71
		12	0	19.63	19.47	19.46
		12	6	19.68	19.67	19.89
		12	13	19.69	19.59	19.96
		25	0	19.61	19.64	19.65

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26055	26365	26675
		Frequency (MHz)		1851.5	1882.5	1913.5
3M	QPSK	1	0	22.10	22.20	22.59
		1	7	22.77	22.55	22.51
		1	14	22.35	22.73	22.70
		8	0	21.48	21.49	21.74
		8	3	21.61	21.48	21.58
		8	7	21.79	21.48	21.65
		15	0	21.78	21.57	21.59
3M	16QAM	1	0	21.47	22.03	21.68
		1	7	22.15	21.68	22.18
		1	14	21.64	21.73	22.04
		8	0	20.79	20.91	20.54
		8	3	20.66	20.61	20.92
		8	7	20.58	20.54	20.77
		15	0	20.68	20.53	20.44
3M	64QAM	1	0	20.56	20.66	20.48
		1	7	21.20	21.33	21.14
		1	14	20.53	20.68	20.69
		8	0	19.84	19.89	19.36
		8	3	19.63	19.66	19.82
		8	7	19.56	19.85	19.98
		15	0	19.33	19.56	19.53

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26047	26365	26683
		Frequency (MHz)		1850.7	1882.5	1914.3
1.4M	QPSK	1	0	22.51	22.22	22.17
		1	2	22.83	22.91	22.56
		1	5	22.37	22.57	22.79
		3	0	21.68	21.83	21.87
		3	1	21.59	21.89	21.83
		3	3	21.91	21.84	21.72
		6	0	21.76	21.57	21.59
1.4M	16QAM	1	0	21.86	21.66	22.04
		1	2	21.94	21.75	21.79
		1	5	21.82	22.09	21.95
		3	0	20.68	20.85	20.91
		3	1	20.64	20.59	20.75
		3	3	20.39	20.92	20.78
		6	0	20.65	20.76	20.76
1.4M	64QAM	1	0	20.65	20.74	20.53
		1	2	20.98	20.85	21.23
		1	5	20.70	21.04	21.10
		3	0	19.34	19.90	19.54
		3	1	19.60	19.79	19.72
		3	3	19.96	19.81	19.82
		6	0	19.42	19.71	19.39

EIRP Power (dBm)

Band	GPRS, EDGE 1900		
Channel	512	661	810
Frequency	1850.2	1880	1909.8
GPRS	29.86	30.15	30.41
EDGE	28.91	29.17	29.38

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18700	18900	19100
		Frequency (MHz)		1860	1880	1900
20M	QPSK	1	0	23.90	24.25	24.61
		1	50	23.94	24.36	24.74
		1	99	23.85	24.28	24.59
		50	0	22.78	23.20	23.45
		50	25	22.83	23.33	23.67
		50	50	22.87	23.34	23.71
		100	0	22.80	23.35	23.75
20M	16QAM	1	0	23.47	23.16	23.67
		1	50	23.84	23.53	24.14
		1	99	23.74	23.54	24.09
		50	0	22.45	22.37	22.83
		50	25	22.38	22.35	22.76
		50	50	22.24	22.33	22.81
		100	0	22.23	22.37	22.90
20M	64QAM	1	0	22.35	22.33	22.68
		1	50	22.42	22.48	22.74
		1	99	22.35	22.38	22.60
		50	0	21.32	21.33	21.65
		50	25	21.40	21.38	21.72
		50	50	21.38	21.43	21.71
		100	0	21.27	21.34	21.64

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18675	18900	19125
		Frequency (MHz)		1857.5	1880	1902.5
15M	QPSK	1	0	23.89	24.17	24.45
		1	37	24.11	24.39	24.67
		1	74	23.94	24.32	24.59
		36	0	22.93	23.32	23.55
		36	19	23.00	23.43	23.73
		36	39	22.93	23.39	23.70
		75	0	22.84	23.33	23.57
15M	16QAM	1	0	23.48	23.27	23.59
		1	37	23.70	23.61	24.05
		1	74	23.77	23.69	23.92
		36	0	22.34	22.35	22.64
		36	19	22.34	22.45	22.67
		36	39	22.32	22.42	22.67
		75	0	22.16	22.37	22.59
15M	64QAM	1	0	22.17	22.60	22.54
		1	37	22.12	22.53	22.74
		1	74	22.14	22.65	22.58
		36	0	20.77	21.28	21.30
		36	19	20.87	21.46	21.53
		36	39	20.75	21.44	21.54
		75	0	20.55	21.35	21.44

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18650	18900	19150
		Frequency (MHz)		1855	1880	1905
10M	QPSK	1	0	23.85	24.12	24.43
		1	24	24.08	24.34	24.84
		1	49	24.18	24.45	24.70
		25	0	22.99	23.31	23.68
		25	12	23.14	23.48	23.88
		25	25	22.90	23.36	23.74
		50	0	22.89	23.43	23.80
10M	16QAM	1	0	23.17	23.54	23.43
		1	24	23.16	23.65	23.66
		1	49	23.13	23.64	23.55
		25	0	21.78	22.32	22.38
		25	12	21.75	22.41	22.47
		25	25	21.69	22.36	22.42
		50	0	21.77	22.47	22.49
10M	64QAM	1	0	22.14	22.49	22.59
		1	24	22.28	22.73	22.74
		1	49	22.02	22.47	22.46
		25	0	20.83	21.33	21.23
		25	12	20.85	21.37	21.35
		25	25	20.94	21.45	21.41
		50	0	20.75	21.37	21.30

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18625	18900	19175
		Frequency (MHz)		1852.5	1880	1907.5
5M	QPSK	1	0	23.83	24.05	24.37
		1	12	24.14	24.34	24.68
		1	24	23.96	24.23	24.61
		12	0	23.02	23.33	23.80
		12	6	23.17	23.49	24.00
		12	13	22.95	23.33	23.92
		25	0	22.84	23.31	23.82
5M	16QAM	1	0	23.32	23.51	23.41
		1	12	23.11	23.33	23.61
		1	24	23.23	23.49	23.38
		12	0	21.90	22.27	22.17
		12	6	21.87	22.26	22.19
		12	13	21.80	22.23	22.17
		25	0	21.88	22.35	22.28
5M	64QAM	1	0	22.11	22.49	22.51
		1	12	22.02	22.52	22.58
		1	24	21.96	22.44	22.35
		12	0	20.65	21.25	21.12
		12	6	20.73	21.34	21.27
		12	13	20.63	21.32	21.26
		25	0	20.47	21.26	21.29

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18615	18900	19185
		Frequency (MHz)		1851.5	1880	1908.5
3M	QPSK	1	0	23.80	24.08	24.35
		1	7	24.00	24.25	24.50
		1	14	24.01	24.27	24.44
		8	0	22.98	23.33	23.58
		8	3	22.90	23.37	23.69
		8	7	22.76	23.27	23.58
		15	0	22.71	23.26	23.66
3M	16QAM	1	0	23.13	23.46	23.39
		1	7	23.04	23.36	23.47
		1	14	23.15	23.44	23.45
		8	0	22.00	22.38	22.49
		8	3	22.11	22.46	22.48
		8	7	22.02	22.42	22.52
		15	0	21.96	22.34	22.48
3M	64QAM	1	0	22.27	22.49	22.53
		1	7	22.24	22.55	22.62
		1	14	22.17	22.57	22.61
		8	0	20.97	21.34	21.43
		8	3	21.08	21.52	21.71
		8	7	20.97	21.49	21.64
		15	0	20.81	21.34	21.39

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18607	18900	19193
		Frequency (MHz)		1850.7	1880	1909.3
1.4M	QPSK	1	0	23.85	24.00	24.31
		1	2	24.08	24.23	24.53
		1	5	23.91	24.18	24.58
		3	0	23.97	24.21	24.43
		3	1	24.01	24.29	24.45
		3	3	23.99	24.27	24.53
		6	0	22.85	23.21	23.47
1.4M	16QAM	1	0	23.21	23.42	23.35
		1	2	23.02	23.34	23.18
		1	5	23.06	23.28	23.44
		3	0	22.75	23.24	23.16
		3	1	22.86	23.41	23.35
		3	3	22.77	23.32	23.33
		6	0	21.79	22.44	22.41
1.4M	64QAM	1	0	22.08	22.39	22.50
		1	2	22.03	22.43	22.62
		1	5	22.06	22.43	22.70
		3	0	21.94	22.37	22.56
		3	1	21.78	22.23	22.34
		3	3	21.76	22.21	22.36
		6	0	20.75	21.17	21.33

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26140	26365	26590
		Frequency (MHz)		1860	1882.5	1905
20M	QPSK	1	0	24.27	24.36	24.21
		1	50	24.41	24.21	24.73
		1	99	24.18	24.32	24.33
		50	0	23.08	23.65	23.44
		50	25	23.45	23.76	23.21
		50	50	23.53	23.72	23.58
		100	0	23.61	23.39	23.19
20M	16QAM	1	0	23.85	23.45	23.72
		1	50	23.42	23.48	23.49
		1	99	23.53	23.46	23.45
		50	0	22.25	22.58	22.27
		50	25	22.37	22.28	22.49
		50	50	22.72	22.61	22.21
		100	0	22.21	22.74	22.56
20M	64QAM	1	0	22.55	22.70	22.30
		1	50	22.92	23.13	22.97
		1	99	22.59	22.69	22.53
		50	0	21.28	21.23	21.68
		50	25	21.60	21.33	21.57
		50	50	21.79	21.47	21.35
		100	0	21.61	21.55	21.43

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26115	26365	26615
		Frequency (MHz)		1857.5	1882.5	1907.5
15M	QPSK	1	0	23.88	23.96	24.09
		1	37	24.31	24.21	24.72
		1	74	24.07	24.14	24.36
		36	0	23.34	23.60	23.32
		36	19	23.43	23.80	23.27
		36	39	23.65	23.68	23.77
		75	0	23.21	23.44	23.34
15M	16QAM	1	0	23.83	23.42	23.33
		1	37	23.56	23.92	23.98
		1	74	23.70	23.87	23.55
		36	0	22.50	22.18	22.35
		36	19	22.17	22.15	22.65
		36	39	22.19	22.34	22.65
		75	0	22.41	22.32	22.49
15M	64QAM	1	0	22.51	22.43	22.26
		1	37	22.63	22.82	22.88
		1	74	22.57	22.68	22.54
		36	0	21.64	21.17	21.72
		36	19	21.20	21.57	21.34
		36	39	21.75	21.76	21.54
		75	0	21.58	21.36	21.43

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26090	26365	26640
		Frequency (MHz)		1855	1882.5	1910
10M	QPSK	1	0	24.32	23.91	23.82
		1	24	24.53	24.70	24.63
		1	49	24.30	24.25	24.17
		25	0	23.45	23.44	23.56
		25	12	23.20	23.79	23.73
		25	25	23.20	23.68	23.58
		50	0	23.56	23.24	23.41
10M	16QAM	1	0	23.28	23.72	23.31
		1	24	23.61	23.48	23.45
		1	49	23.67	23.62	23.49
		25	0	22.15	22.57	22.45
		25	12	22.30	22.74	22.36
		25	25	22.42	22.36	22.21
		50	0	22.19	22.57	22.42
10M	64QAM	1	0	22.37	22.81	22.25
		1	24	22.91	22.64	23.10
		1	49	22.55	22.59	22.42
		25	0	21.35	21.73	21.69
		25	12	21.65	21.63	21.29
		25	25	21.49	21.35	21.59
		50	0	21.36	21.58	21.63

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26065	26365	26665
		Frequency (MHz)		1852.5	1882.5	1912.5
5M	QPSK	1	0	24.12	23.84	24.32
		1	12	24.42	24.40	24.45
		1	24	24.37	24.13	24.27
		12	0	23.38	23.18	23.34
		12	6	23.50	23.76	23.47
		12	13	23.49	23.23	23.22
		25	0	23.42	23.63	23.57
5M	16QAM	1	0	23.55	23.26	23.34
		1	12	23.69	23.53	23.42
		1	24	23.63	23.40	23.74
		12	0	22.44	22.36	22.34
		12	6	22.45	22.60	22.75
		12	13	22.46	22.40	22.30
		25	0	22.46	22.51	22.60
5M	64QAM	1	0	22.53	22.26	22.69
		1	12	22.85	22.84	23.01
		1	24	22.62	22.85	22.51
		12	0	21.43	21.27	21.26
		12	6	21.48	21.47	21.69
		12	13	21.49	21.39	21.76
		25	0	21.41	21.44	21.45

*EIRP = Conducted + antenna gain (1.80dBi)

LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26055	26365	26675
		Frequency (MHz)		1851.5	1882.5	1913.5
3M	QPSK	1	0	23.90	24.00	24.39
		1	7	24.57	24.35	24.31
		1	14	24.15	24.53	24.50
		8	0	23.28	23.29	23.54
		8	3	23.41	23.28	23.38
		8	7	23.59	23.28	23.45
		15	0	23.58	23.37	23.39
3M	16QAM	1	0	23.27	23.83	23.48
		1	7	23.95	23.48	23.98
		1	14	23.44	23.53	23.84
		8	0	22.59	22.71	22.34
		8	3	22.46	22.41	22.72
		8	7	22.38	22.34	22.57
		15	0	22.48	22.33	22.24
3M	64QAM	1	0	22.36	22.46	22.28
		1	7	23.00	23.13	22.94
		1	14	22.33	22.48	22.49
		8	0	21.64	21.69	21.16
		8	3	21.43	21.46	21.62
		8	7	21.36	21.65	21.78
		15	0	21.13	21.36	21.33

*EIRP = Conducted + antenna gain (1.80dBi)