

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band13</b>					
			RB12#6	21.31	0.14
			RB12#13	21.36	0.14
			RB25#0	21.22	0.13
10 MHz	MCH	QPSK	RB1#0	23.32	0.21
			RB1#25	23.68	0.23
			RB1#49	23.34	0.22
			RB25#0	22.48	0.18
			RB25#13	22.36	0.17
			RB25#25	22.48	0.18
			RB50#0	22.36	0.17
		16-QAM	RB1#0	22.26	0.17
			RB1#25	22.95	0.20
			RB1#49	22.2	0.17
			RB25#0	21.32	0.14
			RB25#13	21.51	0.14
			RB25#25	21.5	0.14
			RB50#0	21.37	0.14

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band17</b>					
5 MHz	LCH	QPSK	RB1#0	23.3	0.21
			RB1#13	23.45	0.22
			RB1#24	23.02	0.20
			RB12#0	22.32	0.17
			RB12#6	22.34	0.17
			RB12#13	22.33	0.17
			RB25#0	22.35	0.17
		16-QAM	RB1#0	22.39	0.17
			RB1#13	22.34	0.17
			RB1#24	22.26	0.17
			RB12#0	21.18	0.13
			RB12#6	21.31	0.14
			RB12#13	21.2	0.13
			RB25#0	21.24	0.13
5 MHz	MCH	QPSK	RB1#0	23.07	0.20
			RB1#13	23.42	0.22
			RB1#24	23.33	0.22
			RB12#0	22.34	0.17
			RB12#6	22.36	0.17
			RB12#13	22.37	0.17
			RB25#0	22.38	0.17
		16-QAM	RB1#0	22.17	0.16
			RB1#13	21.95	0.16
			RB1#24	21.55	0.14
			RB12#0	21.11	0.13
			RB12#6	21.42	0.14
			RB12#13	21.33	0.14
			RB25#0	21.26	0.13
5 MHz	HCH	QPSK	RB1#0	23.24	0.21
			RB1#13	23.26	0.21
			RB1#24	23.02	0.20
			RB12#0	22.39	0.17
			RB12#6	22.35	0.17
			RB12#13	22.23	0.17
			RB25#0	22.35	0.17
		16-QAM	RB1#0	21.79	0.15
			RB1#13	21.86	0.15
			RB1#24	21.69	0.15
			RB12#0	21.11	0.13

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band17</b>					
			RB12#6	21.15	0.13
			RB12#13	21.24	0.13
			RB25#0	21.38	0.14
10 MHz	LCH	QPSK	RB1#0	23.22	0.21
			RB1#25	23.96	0.25
			RB1#49	23.16	0.21
			RB25#0	22.41	0.17
			RB25#13	22.44	0.18
			RB25#25	22.4	0.17
			RB50#0	22.57	0.18
	16-QAM	16-QAM	RB1#0	22.19	0.17
			RB1#25	22.23	0.17
			RB1#49	21.67	0.15
			RB25#0	21.39	0.14
			RB25#13	21.47	0.14
			RB25#25	21.38	0.14
			RB50#0	21.25	0.13
10 MHz	MCH	QPSK	RB1#0	22.94	0.20
			RB1#25	23.6	0.23
			RB1#49	22.95	0.20
			RB25#0	22.43	0.17
			RB25#13	22.42	0.17
			RB25#25	22.41	0.17
			RB50#0	22.34	0.17
	16-QAM	16-QAM	RB1#0	22.01	0.16
			RB1#25	22.33	0.17
			RB1#49	22.2	0.17
			RB25#0	21.64	0.15
			RB25#13	21.59	0.14
			RB25#25	21.46	0.14
			RB50#0	21.29	0.13
	HCH	QPSK	RB1#0	23.06	0.20
			RB1#25	23.35	0.22
			RB1#49	22.94	0.20
			RB25#0	22.4	0.17
			RB25#13	22.44	0.18
			RB25#25	22.4	0.17
			RB50#0	22.36	0.17
			16-QAM	RB1#0	22.07
					0.16

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band17</b>					
			RB1#25	22.69	0.19
			RB1#49	21.69	0.15
			RB25#0	21.4	0.14
			RB25#13	21.47	0.14
			RB25#25	21.31	0.14
			RB50#0	21.34	0.14

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band25</b>					
1.4 MHz	LCH	QPSK	RB1#0	23.85	0.24
			RB1#3	23.94	0.25
			RB1#5	23.88	0.24
			RB3#0	23.72	0.24
			RB3#2	23.73	0.24
			RB3#3	23.68	0.23
			RB6#0	22.83	0.19
	16-QAM	16-QAM	RB1#0	22.67	0.18
			RB1#3	22.69	0.19
			RB1#5	22.75	0.19
			RB3#0	22.84	0.19
			RB3#2	22.86	0.19
			RB3#3	22.89	0.19
			RB6#0	21.53	0.14
	MCH	QPSK	RB1#0	23.41	0.22
			RB1#3	23.6	0.23
			RB1#5	23.5	0.22
			RB3#0	23.59	0.23
			RB3#2	23.75	0.24
			RB3#3	23.68	0.23
			RB6#0	22.67	0.18
	HCH	16-QAM	RB1#0	22.57	0.18
			RB1#3	22.53	0.18
			RB1#5	22.53	0.18
			RB3#0	22.31	0.17
			RB3#2	22.28	0.17
			RB3#3	22.21	0.17
			RB6#0	21.38	0.14
	HCH	QPSK	RB1#0	23.12	0.21
			RB1#3	23.63	0.23
			RB1#5	23.61	0.23
			RB3#0	23.1	0.20
			RB3#2	23.14	0.21
			RB3#3	23.44	0.22
			RB6#0	22.13	0.16
	16-QAM	16-QAM	RB1#0	22.14	0.16
			RB1#3	22.25	0.17
			RB1#5	22.2	0.17
			RB3#0	22.37	0.17

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band25</b>					
			RB3#2	22.45	0.18
			RB3#3	22.31	0.17
			RB6#0	21.34	0.14
3 MHz	LCH	QPSK	RB1#0	23.89	0.24
			RB1#7	23.58	0.23
			RB1#14	23.81	0.24
			RB8#0	22.78	0.19
			RB8#4	22.86	0.19
			RB8#7	22.75	0.19
			RB15#0	22.82	0.19
	MCH	16-QAM	RB1#0	23.07	0.20
			RB1#7	22.93	0.20
			RB1#14	23.16	0.21
			RB8#0	21.77	0.15
			RB8#4	21.76	0.15
			RB8#7	21.86	0.15
			RB15#0	21.77	0.15
	HCH	QPSK	RB1#0	23.75	0.24
			RB1#7	23.56	0.23
			RB1#14	23.47	0.22
			RB8#0	22.8	0.19
			RB8#4	22.77	0.19
			RB8#7	22.73	0.19
			RB15#0	22.73	0.19
	HCH	16-QAM	RB1#0	22.57	0.18
			RB1#7	22.51	0.18
			RB1#14	22.6	0.18
			RB8#0	21.68	0.15
			RB8#4	21.64	0.15
			RB8#7	21.87	0.15
			RB15#0	21.7	0.15
	HCH	QPSK	RB1#0	23.65	0.23
			RB1#7	23.21	0.21
			RB1#14	23.39	0.22
			RB8#0	22.4	0.17
			RB8#4	22.46	0.18
			RB8#7	22.28	0.17
			RB15#0	22.35	0.17
		16-QAM	RB1#0	22.36	0.17

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band25</b>					
			RB1#7	22.25	0.17
			RB1#14	22.06	0.16
			RB8#0	21.21	0.13
			RB8#4	21.15	0.13
			RB8#7	21.15	0.13
			RB15#0	21.15	0.13
5 MHz	LCH	QPSK	RB1#0	23.73	0.24
			RB1#13	23.8	0.24
			RB1#24	23.71	0.23
			RB12#0	22.66	0.18
			RB12#6	22.87	0.19
			RB12#13	22.77	0.19
			RB25#0	22.7	0.19
	MCH	16-QAM	RB1#0	22.47	0.18
			RB1#13	22.47	0.18
			RB1#24	22.36	0.17
			RB12#0	21.66	0.15
			RB12#6	21.74	0.15
			RB12#13	21.55	0.14
			RB25#0	21.86	0.15
	HCH	QPSK	RB1#0	23.72	0.24
			RB1#13	23.59	0.23
			RB1#24	23.76	0.24
			RB12#0	22.8	0.19
			RB12#6	22.75	0.19
			RB12#13	22.7	0.19
			RB25#0	22.76	0.19
	HCH	16-QAM	RB1#0	22.67	0.18
			RB1#13	22.68	0.19
			RB1#24	22.66	0.18
			RB12#0	21.77	0.15
			RB12#6	21.6	0.14
			RB12#13	21.64	0.15
			RB25#0	21.73	0.15
	HCH	QPSK	RB1#0	23.5	0.22
			RB1#13	23.49	0.22
			RB1#24	23.38	0.22
			RB12#0	22.44	0.18
			RB12#6	22.42	0.17

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band25</b>					
10 MHz	LCH	16-QAM	RB12#13	22.36	0.17
			RB25#0	22.47	0.18
			RB1#0	21.86	0.15
			RB1#13	21.65	0.15
			RB1#24	22.06	0.16
			RB12#0	21.34	0.14
			RB12#6	21.4	0.14
		QPSK	RB12#13	21.33	0.14
			RB25#0	21.32	0.14
			RB1#0	23.84	0.24
		16-QAM	RB1#25	24.11	0.26
			RB1#49	23.88	0.24
			RB25#0	22.85	0.19
			RB25#13	22.81	0.19
			RB25#25	22.76	0.19
			RB50#0	22.87	0.19
			RB1#0	22.82	0.19
		MCH	RB1#25	22.97	0.20
			RB1#49	22.75	0.19
			RB25#0	21.87	0.15
			RB25#13	21.81	0.15
			RB25#25	21.85	0.15
			RB50#0	21.82	0.15
			RB1#0	23.8	0.24
		QPSK	RB1#25	23.76	0.24
			RB1#49	23.75	0.24
			RB25#0	22.81	0.19
			RB25#13	22.8	0.19
			RB25#25	22.79	0.19
			RB50#0	22.76	0.19
			RB1#0	22.6	0.18
		16-QAM	RB1#25	22.65	0.18
			RB1#49	22.63	0.18
			RB25#0	21.61	0.14
			RB25#13	21.72	0.15
			RB25#25	21.74	0.15
			RB50#0	21.86	0.15
			RB1#0	23.52	0.22
		HCH	RB1#25	23.49	0.22

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band25</b>					
15 MHz	LCH	16-QAM	RB1#49	23.09	0.20
			RB25#0	22.56	0.18
			RB25#13	22.5	0.18
			RB25#25	22.52	0.18
			RB50#0	22.63	0.18
		16-QAM	RB1#0	22.34	0.17
			RB1#25	22.22	0.17
			RB1#49	22.06	0.16
			RB25#0	21.44	0.14
			RB25#13	21.52	0.14
			RB25#25	21.46	0.14
			RB50#0	21.47	0.14
		QPSK	RB1#0	23.77	0.24
			RB1#38	23.72	0.24
			RB1#74	23.65	0.23
			RB36#0	22.77	0.19
			RB36#19	22.74	0.19
			RB36#39	22.8	0.19
			RB75#0	22.78	0.19
		16-QAM	RB1#0	22.68	0.19
			RB1#38	22.73	0.19
			RB1#74	22.58	0.18
			RB36#0	21.84	0.15
			RB36#19	21.78	0.15
			RB36#39	21.62	0.15
			RB75#0	21.87	0.15
		QPSK	RB1#0	23.89	0.24
			RB1#38	23.81	0.24
			RB1#74	23.67	0.23
			RB36#0	22.83	0.19
			RB36#19	22.74	0.19
			RB36#39	22.62	0.18
			RB75#0	22.71	0.19
		16-QAM	RB1#0	22.65	0.18
			RB1#38	22.6	0.18
			RB1#74	22.42	0.17
			RB36#0	21.74	0.15
			RB36#19	21.71	0.15
			RB36#39	21.73	0.15

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band25</b>					
20 MHz	HCH	QPSK	RB75#0	21.57	0.14
			RB1#0	23.53	0.23
			RB1#38	23.41	0.22
			RB1#74	22.81	0.19
			RB36#0	22.53	0.18
			RB36#19	22.5	0.18
			RB36#39	22.43	0.17
			RB75#0	22.46	0.18
	16-QAM	16-QAM	RB1#0	22.68	0.19
			RB1#38	22.55	0.18
			RB1#74	22.24	0.17
			RB36#0	21.57	0.14
			RB36#19	21.47	0.14
			RB36#39	21.43	0.14
			RB75#0	21.42	0.14
20 MHz	LCH	QPSK	RB1#0	23.6	0.23
			RB1#50	23.75	0.24
			RB1#99	23.61	0.23
			RB50#0	22.89	0.19
			RB50#25	22.77	0.19
			RB50#50	22.69	0.19
			RB100#0	22.84	0.19
	16-QAM	16-QAM	RB1#0	22.86	0.19
			RB1#50	22.63	0.18
			RB1#99	22.78	0.19
			RB50#0	21.88	0.15
			RB50#25	21.85	0.15
			RB50#50	21.78	0.15
			RB100#0	21.99	0.16
20 MHz	MCH	QPSK	RB1#0	23.71	0.23
			RB1#50	23.91	0.25
			RB1#99	23.83	0.24
			RB50#0	22.84	0.19
			RB50#25	22.8	0.19
			RB50#50	22.66	0.18
			RB100#0	22.8	0.19
	16-QAM	16-QAM	RB1#0	23.23	0.21
			RB1#50	23.29	0.21
			RB1#99	22.33	0.17

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band25</b>					
HCH	QPSK	RB50#0	21.69	0.15	
			21.63	0.15	
			21.59	0.14	
			21.78	0.15	
		RB1#0	23.36	0.22	
			23.35	0.22	
			22.88	0.19	
			22.67	0.18	
			22.55	0.18	
			22.47	0.18	
			22.64	0.18	
	16-QAM	RB1#0	22.11	0.16	
			21.99	0.16	
			22.35	0.17	
			21.63	0.15	
		RB50#0	21.42	0.14	
			21.41	0.14	
			21.43	0.14	

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band41</b>					
5 MHz	LCH	QPSK	RB1#0	23.12	0.21
			RB1#13	23.38	0.22
			RB1#24	23.08	0.20
			RB12#0	22.38	0.17
			RB12#6	22.41	0.17
			RB12#13	22.33	0.17
			RB25#0	22.44	0.18
		16-QAM	RB1#0	21.78	0.15
			RB1#13	21.99	0.16
			RB1#24	21.76	0.15
			RB12#0	21.5	0.14
			RB12#6	21.53	0.14
			RB12#13	21.19	0.13
			RB25#0	21.34	0.14
MCH	QPSK	QPSK	RB1#0	23.03	0.20
			RB1#13	23.2	0.21
			RB1#24	23.15	0.21
			RB12#0	22.2	0.17
			RB12#6	22.19	0.17
			RB12#13	22.19	0.17
			RB25#0	22.2	0.17
	16-QAM	16-QAM	RB1#0	21.93	0.16
			RB1#13	21.9	0.15
			RB1#24	21.88	0.15
			RB12#0	21.11	0.13
			RB12#6	21.17	0.13
			RB12#13	21.09	0.13
			RB25#0	20.98	0.13
HCH	QPSK	QPSK	RB1#0	23.19	0.21
			RB1#13	23.24	0.21
			RB1#24	23.12	0.21
			RB12#0	22.33	0.17
			RB12#6	22.35	0.17
			RB12#13	22.25	0.17
			RB25#0	22.34	0.17
	16-QAM	16-QAM	RB1#0	21.55	0.14
			RB1#13	21.66	0.15
			RB1#24	21.68	0.15
			RB12#0	21.11	0.13

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band41</b>					
			RB12#6	21.07	0.13
			RB12#13	21.03	0.13
			RB25#0	21.31	0.14
10 MHz	LCH	QPSK	RB1#0	23.56	0.23
			RB1#25	23.52	0.22
			RB1#49	23.48	0.22
			RB25#0	22.47	0.18
			RB25#13	22.43	0.17
			RB25#25	22.45	0.18
			RB50#0	22.38	0.17
	16-QAM	16-QAM	RB1#0	21.68	0.15
			RB1#25	21.7	0.15
			RB1#49	21.51	0.14
			RB25#0	21.2	0.13
			RB25#13	21.26	0.13
			RB25#25	21.17	0.13
			RB50#0	21.37	0.14
	MCH	QPSK	RB1#0	23.12	0.21
			RB1#25	23.01	0.20
			RB1#49	23.01	0.20
			RB25#0	22.21	0.17
			RB25#13	22.25	0.17
			RB25#25	22.24	0.17
			RB50#0	22.31	0.17
	HCH	16-QAM	RB1#0	23.07	0.20
			RB1#25	23.27	0.21
			RB1#49	23.09	0.20
			RB25#0	21.16	0.13
			RB25#13	21.12	0.13
			RB25#25	21.09	0.13
			RB50#0	21.19	0.13
	HCH	QPSK	RB1#0	23.35	0.22
			RB1#25	23.29	0.21
			RB1#49	23.14	0.21
			RB25#0	22.41	0.17
			RB25#13	22.35	0.17
			RB25#25	22.36	0.17
			RB50#0	22.42	0.17
		16-QAM	RB1#0	22.53	0.18

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band41</b>					
15 MHz			RB1#25	22.84	0.19
			RB1#49	22.78	0.19
			RB25#0	21.36	0.14
			RB25#13	21.49	0.14
			RB25#25	21.42	0.14
			RB50#0	21.1	0.13
LCH		QPSK	RB1#0	23.62	0.23
			RB1#38	23.29	0.21
			RB1#74	23.35	0.22
			RB36#0	22.44	0.18
			RB36#19	22.47	0.18
			RB36#39	22.35	0.17
			RB75#0	22.41	0.17
		16-QAM	RB1#0	22.88	0.19
			RB1#38	22.53	0.18
			RB1#74	22.55	0.18
			RB36#0	21.37	0.14
			RB36#19	21.31	0.14
			RB36#39	21.17	0.13
			RB75#0	21.37	0.14
MCH		QPSK	RB1#0	23.33	0.22
			RB1#38	23.32	0.21
			RB1#74	23.35	0.22
			RB36#0	22.31	0.17
			RB36#19	22.23	0.17
			RB36#39	22.16	0.16
			RB75#0	22.24	0.17
		16-QAM	RB1#0	21.5	0.14
			RB1#38	21.44	0.14
			RB1#74	21.51	0.14
			RB36#0	21.13	0.13
			RB36#19	21.13	0.13
			RB36#39	21.11	0.13
			RB75#0	21.19	0.13
HCH		QPSK	RB1#0	23.34	0.22
			RB1#38	23.06	0.20
			RB1#74	23.26	0.21
			RB36#0	22.33	0.17
			RB36#19	22.35	0.17

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band41</b>					
20 MHz	LCH	16-QAM	RB36#39	22.39	0.17
			RB75#0	22.35	0.17
			RB1#0	22.6	0.18
			RB1#38	22.33	0.17
			RB1#74	22.17	0.16
			RB36#0	21.1	0.13
			RB36#19	21.12	0.13
		QPSK	RB36#39	21.14	0.13
			RB75#0	21.32	0.14
			RB1#0	23.48	0.22
			RB1#50	23.61	0.23
			RB1#99	22.91	0.20
			RB50#0	22.44	0.18
			RB50#25	22.31	0.17
	MCH	16-QAM	RB50#50	22.27	0.17
			RB100#0	22.32	0.17
			RB1#0	21.39	0.14
			RB1#50	21.04	0.13
			RB1#99	21.28	0.13
			RB50#0	21.38	0.14
			RB50#25	21.23	0.13
	HCH	QPSK	RB50#50	21.25	0.13
			RB100#0	21.11	0.13
			RB1#0	23.63	0.23
			RB1#50	23.37	0.22
			RB1#99	23.34	0.22
			RB50#0	22.22	0.17
			RB50#25	22.22	0.17
		16-QAM	RB50#50	22.19	0.17
			RB100#0	22.25	0.17
			RB1#0	22.58	0.18
			RB1#50	22.97	0.20
			RB1#99	22.34	0.17
			RB50#0	21.18	0.13
			RB50#25	21.2	0.13
		QPSK	RB50#50	21.18	0.13
			RB100#0	21.19	0.13
		QPSK	RB1#0	23.15	0.21
			RB1#50	23.13	0.21

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Average Power (dBm)	Conducted Output Average Power (W)
<b>LTE Band41</b>					
			RB1#99	22.83	0.19
			RB50#0	22.46	0.18
			RB50#25	22.37	0.17
			RB50#50	22.31	0.17
			RB100#0	22.38	0.17
		16-QAM	RB1#0	22.04	0.16
			RB1#50	22.02	0.16
			RB1#99	21.67	0.15
			RB50#0	21.45	0.14
			RB50#25	21.3	0.13
			RB50#50	21.26	0.13
			RB100#0	21.29	0.13

### A.1.2 Transmitter Radiated Output Power (EIRP/ERP)

#### GSM Mode Test Data

Test Band	Channel	PCL	Measured ERP				Limit (W)	Verdict
			SA Read Value (dBm)	Correction Factor(dB)	ERP (dBm)	ERP (W)		
GSM 850	LCH	5	15.89	9.83	25.72	0.37	7	Pass
	MCH	5	16.47	9.83	26.30	0.43		Pass
	HCH	5	15.42	9.83	25.25	0.33		Pass
GPRS 850	LCH	5	15.31	9.83	25.14	0.33	7	Pass
	MCH	5	15.31	9.83	25.14	0.33		Pass
	HCH	5	16.1	9.83	25.93	0.39		Pass
EGPRS 850	LCH	8	15.31	9.83	25.14	0.33	7	Pass
	MCH	8	15.34	9.83	25.17	0.33		Pass
	HCH	8	16.09	9.83	25.92	0.39		Pass

Test Band	Channel	PCL	Measured EIRP				Limit (W)	Verdict
			SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)		
GSM 1900	LCH	0	11.34	17.8	29.14	0.82	2	Pass
	MCH	0	10.07	17.8	27.87	0.61		Pass
	HCH	0	11.62	17.8	29.42	0.87		Pass
GPRS 1900	LCH	0	12.52	17.8	30.32	1.08	2	Pass
	MCH	0	11.84	17.8	29.64	0.92		Pass
	HCH	0	11.72	17.8	29.52	0.90		Pass
EGPRS 1900	LCH	2	11.97	17.8	29.77	0.95	2	Pass
	MCH	2	10.95	17.8	28.75	0.75		Pass
	HCH	2	11.68	17.8	29.48	0.89		Pass

Note 1: For the GPRS and EGPRS mode, all slots were tested and just the worst data were recorded in this table.

Note 2: ERP/EIRP = SA Read Value + Correction Factor

where:

ERP/EIRP = effective or equivalent radiated power, in dBm;

SA Read Value = measured transmitter power received by EMI receiver or spectrum analyzer, in dBm;

Correction Factor = total correction factor including cable loss, in dB;

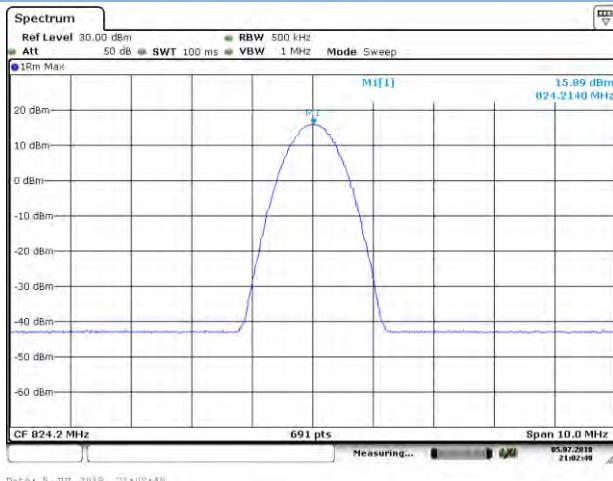
Note 3: Set PCL to 5 for GSM/GPRS 850 (power class 4) and 0 for GSM/GPRS 1900 (power class 1).

Set PCL to 8 for EGPRS850 (power class E2) and 2 for EGPRS1900 (power class E2).

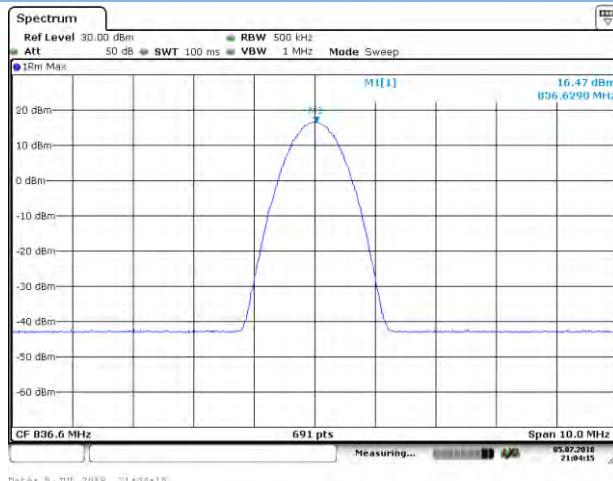
## GSM Mode Test Plots

### GSM850

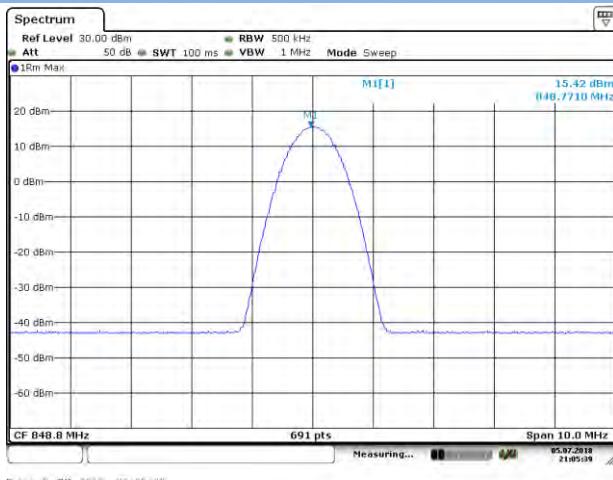
#### GSM 850 LOW CHANNEL



#### GSM 850 MIDDLE CHANNEL

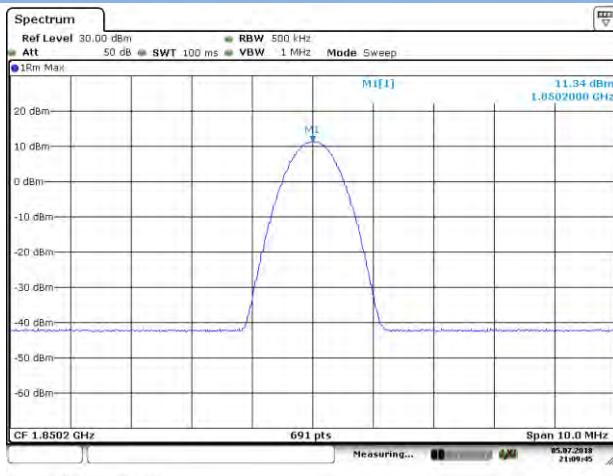


#### GSM 850 HIGH CHANNEL

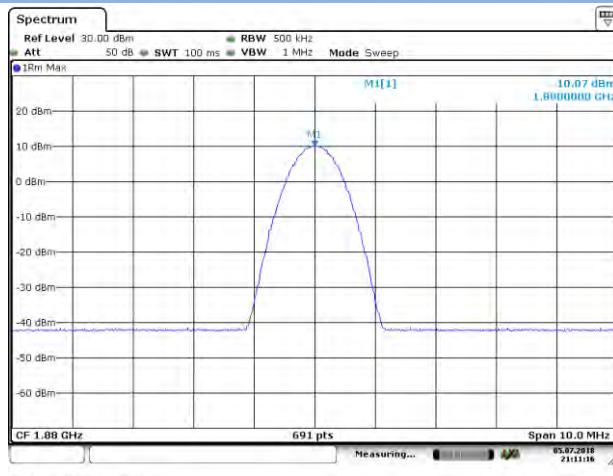


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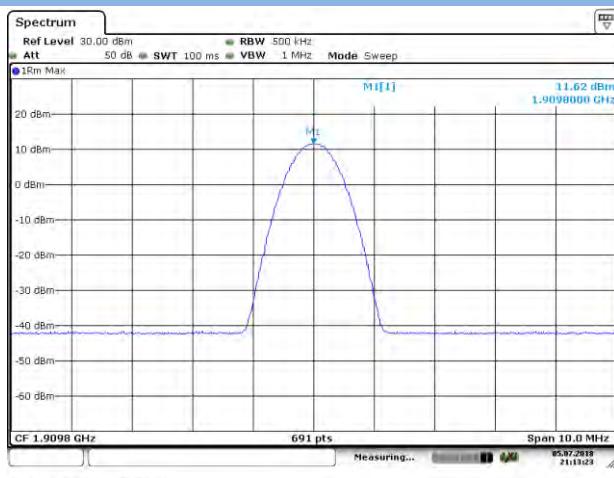
#### GSM 1900 LOW CHANNEL



#### GSM 1900 MIDDLE CHANNEL

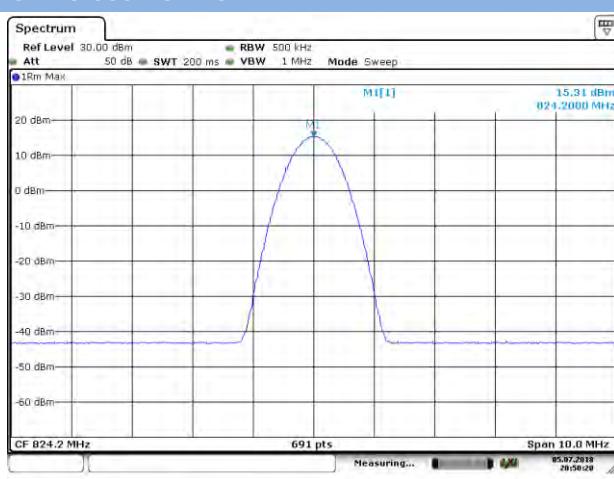


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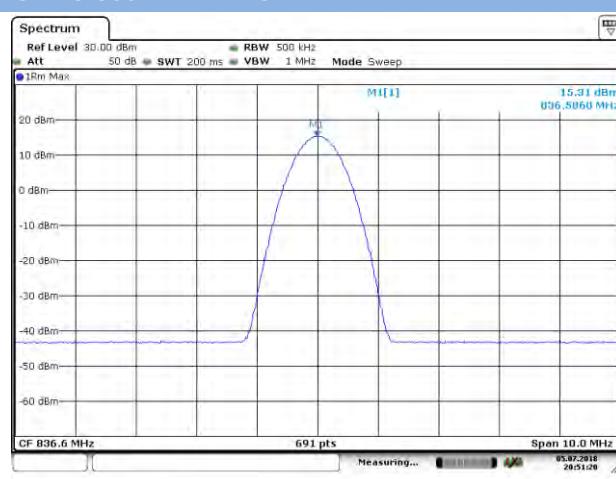


### GPRS850

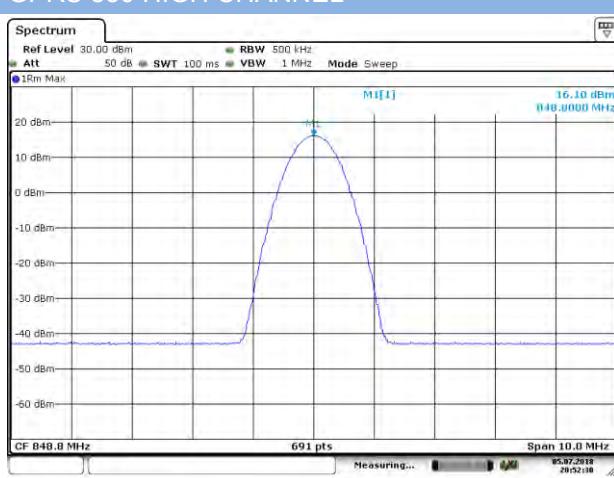
#### GPRS 850 LOW CHANNEL



#### GPRS 850 MIDDLE CHANNEL

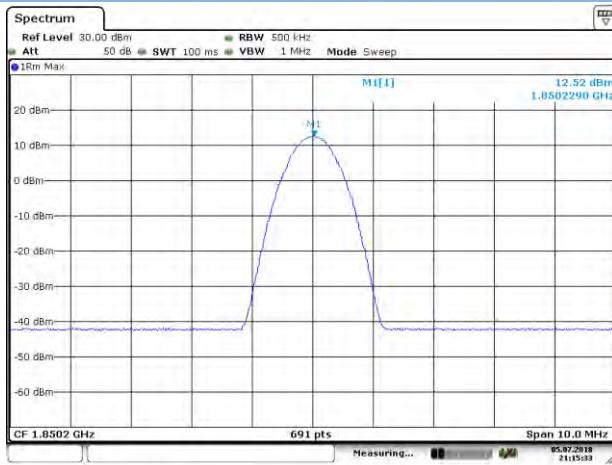


#### GPRS 850 HIGH CHANNEL

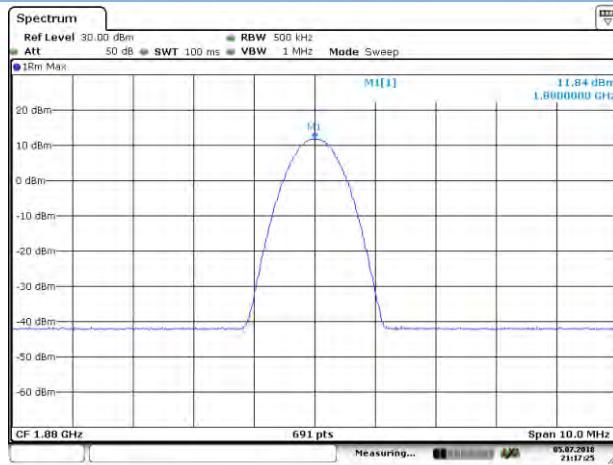


## GPRS1900

### GPRS 1900 LOW CHANNEL



### GPRS 1900 MIDDLE CHANNEL



### GPRS 1900 HIGH CHANNEL



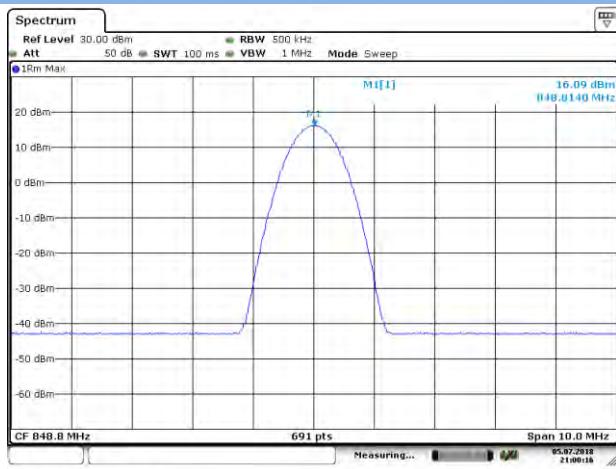
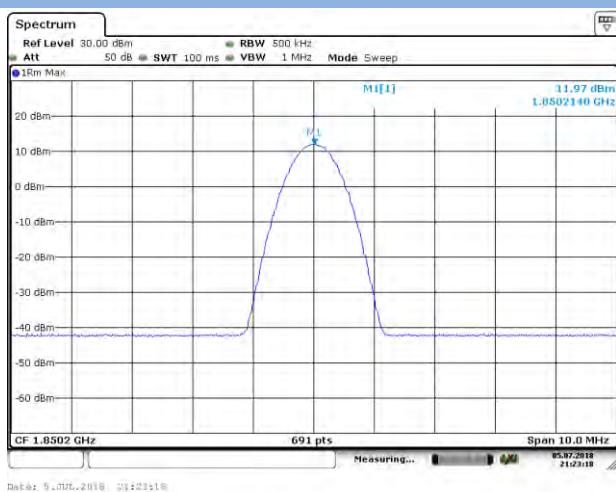
## EGPRS850

### EGPRS 850 LOW CHANNEL



### EGPRS 850 MIDDLE CHANNEL



**EGPRS 850 HIGH CHANNEL**

**EGPRS1900**
**EGPRS 1900 LOW CHANNEL**

**EGPRS 1900 MIDDLE CHANNEL**

**EGPRS 1900 HIGH CHANNEL**


## WCDMA Mode Test Data

Test Band	Channel	Measured EIRP				Limit (W)	Verdict
		SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)		
WCDMA B2	LCH	0.75	17.8	18.55	0.07	2	Pass
	MCH	0.17	17.8	17.97	0.06		Pass
	HCH	0.27	17.8	18.07	0.06		Pass
HSDPA B2	LCH	0.54	17.8	18.34	0.07	2	Pass
	MCH	0.43	17.8	18.23	0.07		Pass
	HCH	0.7	17.8	18.50	0.07		Pass
HSUPA B2	LCH	0.29	17.8	18.09	0.06	2	Pass
	MCH	0.31	17.8	18.11	0.06		Pass
	HCH	0.49	17.8	18.29	0.07		Pass
DC-HSUPA B2	LCH	0.11	17.8	17.91	0.06	2	Pass
	MCH	0.18	17.8	17.98	0.06		Pass
	HCH	0.32	17.8	18.12	0.06		Pass

Test Band	Channel	Measured ERP				Limit (W)	Verdict
		SA Read Value (dBm)	Correction Factor(dB)	ERP (dBm)	ERP (W)		
WCDMA B5	LCH	9.5	9.83	19.33	0.09	7	Pass
	MCH	9.16	9.83	18.99	0.08		Pass
	HCH	9.01	9.83	18.84	0.08		Pass
HSDPA B5	LCH	7.95	9.83	17.78	0.06	7	Pass
	MCH	7.75	9.83	17.58	0.06		Pass
	HCH	7.78	9.83	17.61	0.06		Pass
HSUPA B5	LCH	6.75	9.83	16.58	0.05	7	Pass
	MCH	7.08	9.83	16.91	0.05		Pass
	HCH	6.88	9.83	16.71	0.05		Pass
DC-HSUPA B5	LCH	6.36	9.83	16.19	0.04	7	Pass
	MCH	6.69	9.83	16.52	0.04		Pass
	HCH	6.51	9.83	16.34	0.04		Pass

Note 1: For the HSDPA and HSUPA mode, all subtests were tested and just the worst data were recorded in this table.

Note 2: ERP/EIRP = SA Read Value + Correction Factor

where:

ERP/EIRP = effective or equivalent radiated power, in dBm;

SA Read Value = measured transmitter power received by EMI receiver or spectrum analyzer, in dBm;

Correction Factor = total correction factor including cable loss, in dB;

CDMA/EVDO Mode Test Data

Test Band	Channel	Measured ERP				Limit (W)	Verdict
		SA Read Value (dBm)	Correction Factor(dB)	ERP (dBm)	ERP (W)		
CDMA F1R1	LCH	8.79	9.83	18.62	0.07	7	Pass
	MCH	8.44	9.83	18.27	0.07		Pass
	HCH	8.19	9.83	18.02	0.06		Pass
CDMA F3R3	LCH	8.51	9.83	18.34	0.07	7	Pass
	MCH	8.35	9.83	18.18	0.07		Pass
	HCH	8.08	9.83	17.91	0.06		Pass
EVDO Rel. 0	LCH	8.57	9.83	18.40	0.07	7	Pass
	MCH	8.49	9.83	18.32	0.07		Pass
	HCH	8.36	9.83	18.19	0.07		Pass
EVDO Rev. A	LCH	8.7	9.83	18.53	0.07	7	Pass
	MCH	8.57	9.83	18.40	0.07		Pass
	HCH	8.59	9.83	18.42	0.07		Pass

## LTE Mode Test Data

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
<b>LTE BAND2</b>									
1.4 MHz	LCH	QPSK	RB1#0	1.13	17.8	18.93	0.08	2.00	Pass
			RB6#0	-0.05	17.8	17.75	0.06	2.00	Pass
		16-QAM	RB1#0	0.26	17.8	18.06	0.06	2.00	Pass
			RB6#0	-0.85	17.8	16.95	0.05	2.00	Pass
	MCH	QPSK	RB1#0	0.66	17.8	18.46	0.07	2.00	Pass
			RB6#0	-0.61	17.8	17.19	0.05	2.00	Pass
		16-QAM	RB1#0	-0.05	17.8	17.75	0.06	2.00	Pass
			RB6#0	-0.60	17.8	17.20	0.05	2.00	Pass
	HCH	QPSK	RB1#0	0.19	17.8	17.99	0.06	2.00	Pass
			RB6#0	-0.30	17.8	17.50	0.06	2.00	Pass
		16-QAM	RB1#0	0.66	17.8	18.46	0.07	2.00	Pass
			RB6#0	-0.19	17.8	17.61	0.06	2.00	Pass
3 MHz	LCH	QPSK	RB1#0	0.93	17.8	18.73	0.07	2.00	Pass
			RB15#0	-0.36	17.8	17.44	0.06	2.00	Pass
		16-QAM	RB1#0	0.82	17.8	18.62	0.07	2.00	Pass
			RB15#0	-0.27	17.8	17.53	0.06	2.00	Pass
	MCH	QPSK	RB1#0	0.46	17.8	18.26	0.07	2.00	Pass
			RB15#0	0.22	17.8	18.02	0.06	2.00	Pass
		16-QAM	RB1#0	0.12	17.8	17.92	0.06	2.00	Pass
			RB15#0	-0.74	17.8	17.06	0.05	2.00	Pass
	HCH	QPSK	RB1#0	0.71	17.8	18.51	0.07	2.00	Pass
			RB15#0	0.20	17.8	18.00	0.06	2.00	Pass
		16-QAM	RB1#0	0.57	17.8	18.37	0.07	2.00	Pass
			RB15#0	0.34	17.8	18.14	0.07	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	0.71	17.8	18.51	0.07	2.00	Pass
			RB25#0	0.03	17.8	17.83	0.06	2.00	Pass
		16-QAM	RB1#0	0.02	17.8	17.82	0.06	2.00	Pass
			RB25#0	-0.16	17.8	17.64	0.06	2.00	Pass
	MCH	QPSK	RB1#0	0.88	17.8	18.68	0.07	2.00	Pass
			RB25#0	-0.01	17.8	17.79	0.06	2.00	Pass
		16-QAM	RB1#0	0.02	17.8	17.82	0.06	2.00	Pass
			RB25#0	-0.56	17.8	17.24	0.05	2.00	Pass
	HCH	QPSK	RB1#0	0.88	17.8	18.68	0.07	2.00	Pass
			RB25#0	-0.40	17.8	17.40	0.05	2.00	Pass
		16-QAM	RB1#0	0.87	17.8	18.67	0.07	2.00	Pass
			RB25#0	0.37	17.8	18.17	0.07	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	1.19	17.8	18.99	0.08	2.00	Pass
			RB50#0	0.04	17.8	17.84	0.06	2.00	Pass
		16-QAM	RB1#0	0.21	17.8	18.01	0.06	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
<b>LTE BAND2</b>									
15 MHz	MCH	QPSK	RB50#0	0.16	17.8	17.96	0.06	2.00	Pass
			RB1#0	1.00	17.8	18.80	0.08	2.00	Pass
		16-QAM	RB50#0	-0.26	17.8	17.54	0.06	2.00	Pass
			RB1#0	0.01	17.8	17.81	0.06	2.00	Pass
			RB50#0	-0.54	17.8	17.26	0.05	2.00	Pass
	HCH	QPSK	RB1#0	0.81	17.8	18.61	0.07	2.00	Pass
			RB50#0	0.09	17.8	17.89	0.06	2.00	Pass
		16-QAM	RB1#0	0.63	17.8	18.43	0.07	2.00	Pass
			RB50#0	0.87	17.8	18.67	0.07	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	1.06	17.8	18.86	0.08	2.00	Pass
			RB75#0	0.20	17.8	18.00	0.06	2.00	Pass
		16-QAM	RB1#0	0.85	17.8	18.65	0.07	2.00	Pass
			RB75#0	-0.40	17.8	17.40	0.05	2.00	Pass
	MCH	QPSK	RB1#0	1.17	17.8	18.97	0.08	2.00	Pass
			RB75#0	0.11	17.8	17.91	0.06	2.00	Pass
		16-QAM	RB1#0	0.08	17.8	17.88	0.06	2.00	Pass
			RB75#0	-0.59	17.8	17.21	0.05	2.00	Pass
	HCH	QPSK	RB1#0	0.38	17.8	18.18	0.07	2.00	Pass
			RB75#0	0.12	17.8	17.92	0.06	2.00	Pass
		16-QAM	RB1#0	0.96	17.8	18.76	0.08	2.00	Pass
			RB75#0	0.67	17.8	18.47	0.07	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
<b>LTE BAND4</b>									
1.4 MHz	LCH	QPSK	RB1#0	4.82	14.4	19.22	0.08	1.00	Pass
			RB6#0	4.23	14.4	18.63	0.07	1.00	Pass
		16-QAM	RB1#0	4.98	14.4	19.38	0.09	1.00	Pass
			RB6#0	4.16	14.4	18.56	0.07	1.00	Pass
	MCH	QPSK	RB1#0	4.95	14.4	19.35	0.09	1.00	Pass
			RB6#0	4.6	14.4	19.00	0.08	1.00	Pass
		16-QAM	RB1#0	5.11	14.4	19.51	0.09	1.00	Pass
			RB6#0	3.81	14.4	18.21	0.07	1.00	Pass
	HCH	QPSK	RB1#0	5.24	14.4	19.64	0.09	1.00	Pass
			RB6#0	3.94	14.4	18.34	0.07	1.00	Pass
		16-QAM	RB1#0	4.67	14.4	19.07	0.08	1.00	Pass
			RB6#0	3.97	14.4	18.37	0.07	1.00	Pass
3 MHz	LCH	QPSK	RB1#0	4.93	14.4	19.33	0.09	1.00	Pass
			RB15#0	4.29	14.4	18.69	0.07	1.00	Pass
		16-QAM	RB1#0	4.99	14.4	19.39	0.09	1.00	Pass
			RB15#0	4.19	14.4	18.59	0.07	1.00	Pass
	MCH	QPSK	RB1#0	5.14	14.4	19.54	0.09	1.00	Pass
			RB15#0	4.79	14.4	19.19	0.08	1.00	Pass
		16-QAM	RB1#0	4.96	14.4	19.36	0.09	1.00	Pass
			RB15#0	3.7	14.4	18.10	0.06	1.00	Pass
	HCH	QPSK	RB1#0	5.22	14.4	19.62	0.09	1.00	Pass
			RB15#0	4.07	14.4	18.47	0.07	1.00	Pass
		16-QAM	RB1#0	5.02	14.4	19.42	0.09	1.00	Pass
			RB15#0	3.93	14.4	18.33	0.07	1.00	Pass
5 MHz	LCH	QPSK	RB1#0	5.27	14.4	19.67	0.09	1.00	Pass
			RB25#0	4.64	14.4	19.04	0.08	1.00	Pass
		16-QAM	RB1#0	5.29	14.4	19.69	0.09	1.00	Pass
			RB25#0	3.62	14.4	18.02	0.06	1.00	Pass
	MCH	QPSK	RB1#0	5.08	14.4	19.48	0.09	1.00	Pass
			RB25#0	4.66	14.4	19.06	0.08	1.00	Pass
		16-QAM	RB1#0	5.22	14.4	19.62	0.09	1.00	Pass
			RB25#0	4.05	14.4	18.45	0.07	1.00	Pass
	HCH	QPSK	RB1#0	4.78	14.4	19.18	0.08	1.00	Pass
			RB25#0	3.7	14.4	18.10	0.06	1.00	Pass
		16-QAM	RB1#0	4.82	14.4	19.22	0.08	1.00	Pass
			RB25#0	4.31	14.4	18.71	0.07	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	5.21	14.4	19.61	0.09	1.00	Pass
			RB50#0	4.92	14.4	19.32	0.09	1.00	Pass
		16-QAM	RB1#0	5.35	14.4	19.75	0.09	1.00	Pass
			RB50#0	4.38	14.4	18.78	0.08	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
<b>LTE BAND4</b>									
15 MHz	MCH	QPSK	RB1#0	5.67	14.4	20.07	0.10	1.00	Pass
			RB50#0	4.34	14.4	18.74	0.07	1.00	Pass
		16-QAM	RB1#0	4.79	14.4	19.19	0.08	1.00	Pass
			RB50#0	3.89	14.4	18.29	0.07	1.00	Pass
	HCH	QPSK	RB1#0	5.21	14.4	19.61	0.09	1.00	Pass
			RB50#0	4.38	14.4	18.78	0.08	1.00	Pass
		16-QAM	RB1#0	5.29	14.4	19.69	0.09	1.00	Pass
			RB50#0	3.97	14.4	18.37	0.07	1.00	Pass
20 MHz	LCH	QPSK	RB1#0	5	14.4	19.40	0.09	1.00	Pass
			RB75#0	4.94	14.4	19.34	0.09	1.00	Pass
		16-QAM	RB1#0	5.08	14.4	19.48	0.09	1.00	Pass
			RB75#0	3.96	14.4	18.36	0.07	1.00	Pass
	MCH	QPSK	RB1#0	5.34	14.4	19.74	0.09	1.00	Pass
			RB75#0	4.52	14.4	18.92	0.08	1.00	Pass
		16-QAM	RB1#0	5	14.4	19.40	0.09	1.00	Pass
			RB75#0	3.81	14.4	18.21	0.07	1.00	Pass
	HCH	QPSK	RB1#0	5.17	14.4	19.57	0.09	1.00	Pass
			RB75#0	3.99	14.4	18.39	0.07	1.00	Pass
		16-QAM	RB1#0	5.13	14.4	19.53	0.09	1.00	Pass
			RB75#0	4.22	14.4	18.62	0.07	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
<b>LTE BAND5</b>									
1.4 MHz	LCH	QPSK	RB1#0	7.6	9.83	17.43	0.06	7.00	Pass
			RB6#0	6.95	9.83	16.78	0.05	7.00	Pass
		16-QAM	RB1#0	7.47	9.83	17.30	0.05	7.00	Pass
			RB6#0	7.27	9.83	17.10	0.05	7.00	Pass
	MCH	QPSK	RB1#0	7.34	9.83	17.17	0.05	7.00	Pass
			RB6#0	6.84	9.83	16.67	0.05	7.00	Pass
		16-QAM	RB1#0	6.78	9.83	16.61	0.05	7.00	Pass
			RB6#0	7.85	9.83	17.68	0.06	7.00	Pass
	HCH	QPSK	RB1#0	7.85	9.83	17.68	0.06	7.00	Pass
			RB6#0	7.09	9.83	16.92	0.05	7.00	Pass
		16-QAM	RB1#0	7.81	9.83	17.64	0.06	7.00	Pass
			RB6#0	7.24	9.83	17.07	0.05	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	7.75	9.83	17.58	0.06	7.00	Pass
			RB15#0	7.48	9.83	17.31	0.05	7.00	Pass
		16-QAM	RB1#0	7.49	9.83	17.32	0.05	7.00	Pass
			RB15#0	7.26	9.83	17.09	0.05	7.00	Pass
	MCH	QPSK	RB1#0	7.69	9.83	17.52	0.06	7.00	Pass
			RB15#0	6.82	9.83	16.65	0.05	7.00	Pass
		16-QAM	RB1#0	6.81	9.83	16.64	0.05	7.00	Pass
			RB15#0	7.7	9.83	17.53	0.06	7.00	Pass
	HCH	QPSK	RB1#0	7.71	9.83	17.54	0.06	7.00	Pass
			RB15#0	7.2	9.83	17.03	0.05	7.00	Pass
		16-QAM	RB1#0	7.91	9.83	17.74	0.06	7.00	Pass
			RB15#0	7.31	9.83	17.14	0.05	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	7.62	9.83	17.45	0.06	7.00	Pass
			RB25#0	6.67	9.83	16.50	0.04	7.00	Pass
		16-QAM	RB1#0	7.16	9.83	16.99	0.05	7.00	Pass
			RB25#0	7.24	9.83	17.07	0.05	7.00	Pass
	MCH	QPSK	RB1#0	7.59	9.83	17.42	0.06	7.00	Pass
			RB25#0	7.09	9.83	16.92	0.05	7.00	Pass
		16-QAM	RB1#0	7.21	9.83	17.04	0.05	7.00	Pass
			RB25#0	7.28	9.83	17.11	0.05	7.00	Pass
	HCH	QPSK	RB1#0	7.4	9.83	17.23	0.05	7.00	Pass
			RB25#0	6.99	9.83	16.82	0.05	7.00	Pass
		16-QAM	RB1#0	8.09	9.83	17.92	0.06	7.00	Pass
			RB25#0	7.14	9.83	16.97	0.05	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	7.5	9.83	17.33	0.05	7.00	Pass
			RB50#0	7.12	9.83	16.95	0.05	7.00	Pass
		16-QAM	RB1#0	7.71	9.83	17.54	0.06	7.00	Pass
			RB50#0	7.08	9.83	16.91	0.05	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
<b>LTE BAND5</b>									
MCH	QPSK	RB1#0	8.11	9.83	17.94	0.06	7.00	Pass	
		RB50#0	7.06	9.83	16.89	0.05	7.00	Pass	
	16-QAM	RB1#0	7.08	9.83	16.91	0.05	7.00	Pass	
		RB50#0	7.76	9.83	17.59	0.06	7.00	Pass	
	HCH	QPSK	RB1#0	7.49	9.83	17.32	0.05	7.00	Pass
			RB50#0	6.85	9.83	16.68	0.05	7.00	Pass
	16-QAM	16-QAM	RB1#0	7.52	9.83	17.35	0.05	7.00	Pass
			RB50#0	7.09	9.83	16.92	0.05	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
<b>LTE BAND7</b>									
5 MHz	LCH	QPSK	RB1#0	0.71	19.5	20.21	0.10	2.00	Pass
			RB25#0	-0.49	19.5	19.01	0.08	2.00	Pass
		16-QAM	RB1#0	0.6	19.5	20.10	0.10	2.00	Pass
			RB25#0	-0.51	19.5	18.99	0.08	2.00	Pass
	MCH	QPSK	RB1#0	0.59	19.5	20.09	0.10	2.00	Pass
			RB25#0	0.08	19.5	19.58	0.09	2.00	Pass
		16-QAM	RB1#0	0.15	19.5	19.65	0.09	2.00	Pass
			RB25#0	-0.74	19.5	18.76	0.08	2.00	Pass
	HCH	QPSK	RB1#0	0.74	19.5	20.24	0.11	2.00	Pass
			RB25#0	0.09	19.5	19.59	0.09	2.00	Pass
		16-QAM	RB1#0	0.93	19.5	20.43	0.11	2.00	Pass
			RB25#0	0.53	19.5	20.03	0.10	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	0.63	19.5	20.13	0.10	2.00	Pass
			RB50#0	0.01	19.5	19.51	0.09	2.00	Pass
		16-QAM	RB1#0	0.62	19.5	20.12	0.10	2.00	Pass
			RB50#0	0.03	19.5	19.53	0.09	2.00	Pass
	MCH	QPSK	RB1#0	0.45	19.5	19.95	0.10	2.00	Pass
			RB50#0	-0.14	19.5	19.36	0.09	2.00	Pass
		16-QAM	RB1#0	-0.27	19.5	19.23	0.08	2.00	Pass
			RB50#0	-0.64	19.5	18.86	0.08	2.00	Pass
	HCH	QPSK	RB1#0	0.49	19.5	19.99	0.10	2.00	Pass
			RB50#0	-0.16	19.5	19.34	0.09	2.00	Pass
		16-QAM	RB1#0	0.58	19.5	20.08	0.10	2.00	Pass
			RB50#0	0.06	19.5	19.56	0.09	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	0.93	19.5	20.43	0.11	2.00	Pass
			RB75#0	0.12	19.5	19.62	0.09	2.00	Pass
		16-QAM	RB1#0	0.25	19.5	19.75	0.09	2.00	Pass
			RB75#0	-0.02	19.5	19.48	0.09	2.00	Pass
	MCH	QPSK	RB1#0	0.99	19.5	20.49	0.11	2.00	Pass
			RB75#0	-0.43	19.5	19.07	0.08	2.00	Pass
		16-QAM	RB1#0	-0.05	19.5	19.45	0.09	2.00	Pass
			RB75#0	-0.59	19.5	18.91	0.08	2.00	Pass
	HCH	QPSK	RB1#0	0.9	19.5	20.40	0.11	2.00	Pass
			RB75#0	0.48	19.5	19.98	0.10	2.00	Pass
		16-QAM	RB1#0	0.74	19.5	20.24	0.11	2.00	Pass
			RB75#0	0.04	19.5	19.54	0.09	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	0.72	19.5	20.22	0.11	2.00	Pass
			RB100#0	0.2	19.5	19.70	0.09	2.00	Pass
		16-QAM	RB1#0	0.67	19.5	20.17	0.10	2.00	Pass
			RB100#0	-0.27	19.5	19.23	0.08	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
<b>LTE BAND7</b>									
MCH	QPSK	RB1#0	0.96	19.5	20.46	0.11	2.00	Pass	
		RB100#0	0.19	19.5	19.69	0.09	2.00	Pass	
	16-QAM	RB1#0	0.14	19.5	19.64	0.09	2.00	Pass	
		RB100#0	-0.74	19.5	18.76	0.08	2.00	Pass	
	HCH	QPSK	RB1#0	0.45	19.5	19.95	0.10	2.00	Pass
			RB100#0	-0.19	19.5	19.31	0.09	2.00	Pass
	16-QAM	RB1#0	0.31	19.5	19.81	0.10	2.00	Pass	
		RB100#0	0.32	19.5	19.82	0.10	2.00	Pass	

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
<b>LTE BAND12</b>									
1.4 MHz	LCH	QPSK	RB1#0	8.49	8.1	16.59	0.05	3.00	Pass
			RB6#0	7.43	8.1	15.53	0.04	3.00	Pass
		16-QAM	RB1#0	8.11	8.1	16.21	0.04	3.00	Pass
			RB6#0	8.19	8.1	16.29	0.04	3.00	Pass
	MCH	QPSK	RB1#0	7.93	8.1	16.03	0.04	3.00	Pass
			RB6#0	7.57	8.1	15.67	0.04	3.00	Pass
		16-QAM	RB1#0	7.28	8.1	15.38	0.03	3.00	Pass
			RB6#0	8.33	8.1	16.43	0.04	3.00	Pass
	HCH	QPSK	RB1#0	8.5	8.1	16.60	0.05	3.00	Pass
			RB6#0	7.64	8.1	15.74	0.04	3.00	Pass
		16-QAM	RB1#0	8.67	8.1	16.77	0.05	3.00	Pass
			RB6#0	8.2	8.1	16.30	0.04	3.00	Pass
3 MHz	LCH	QPSK	RB1#0	8.73	8.1	16.83	0.05	3.00	Pass
			RB15#0	8.25	8.1	16.35	0.04	3.00	Pass
		16-QAM	RB1#0	8.3	8.1	16.40	0.04	3.00	Pass
			RB15#0	7.66	8.1	15.76	0.04	3.00	Pass
	MCH	QPSK	RB1#0	8.07	8.1	16.17	0.04	3.00	Pass
			RB15#0	7.64	8.1	15.74	0.04	3.00	Pass
		16-QAM	RB1#0	7.23	8.1	15.33	0.03	3.00	Pass
			RB15#0	8.52	8.1	16.62	0.05	3.00	Pass
	HCH	QPSK	RB1#0	8.19	8.1	16.29	0.04	3.00	Pass
			RB15#0	8.11	8.1	16.21	0.04	3.00	Pass
		16-QAM	RB1#0	8.09	8.1	16.19	0.04	3.00	Pass
			RB15#0	8.18	8.1	16.28	0.04	3.00	Pass
5 MHz	LCH	QPSK	RB1#0	8.29	8.1	16.39	0.04	3.00	Pass
			RB25#0	7.33	8.1	15.43	0.03	3.00	Pass
		16-QAM	RB1#0	7.86	8.1	15.96	0.04	3.00	Pass
			RB25#0	7.61	8.1	15.71	0.04	3.00	Pass
	MCH	QPSK	RB1#0	7.75	8.1	15.85	0.04	3.00	Pass
			RB25#0	7.59	8.1	15.69	0.04	3.00	Pass
		16-QAM	RB1#0	7.52	8.1	15.62	0.04	3.00	Pass
			RB25#0	7.79	8.1	15.89	0.04	3.00	Pass
	HCH	QPSK	RB1#0	8.04	8.1	16.14	0.04	3.00	Pass
			RB25#0	7.75	8.1	15.85	0.04	3.00	Pass
		16-QAM	RB1#0	8.53	8.1	16.63	0.05	3.00	Pass
			RB25#0	7.92	8.1	16.02	0.04	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	8.45	8.1	16.55	0.05	3.00	Pass
			RB50#0	7.97	8.1	16.07	0.04	3.00	Pass
		16-QAM	RB1#0	8.49	8.1	16.59	0.05	3.00	Pass
			RB50#0	7.93	8.1	16.03	0.04	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
<b>LTE BAND12</b>									
MCH	QPSK	RB1#0	8.86	8.1	16.96	0.05	3.00	Pass	
		RB50#0	7.45	8.1	15.55	0.04	3.00	Pass	
	16-QAM	RB1#0	7.82	8.1	15.92	0.04	3.00	Pass	
		RB50#0	7.97	8.1	16.07	0.04	3.00	Pass	
	HCH	QPSK	RB1#0	8.18	8.1	16.28	0.04	3.00	Pass
			RB50#0	7.6	8.1	15.70	0.04	3.00	Pass
		16-QAM	RB1#0	7.58	8.1	15.68	0.04	3.00	Pass
			RB50#0	7.09	8.1	15.19	0.03	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
<b>LTE BAND13</b>									
5 MHz	LCH	QPSK	RB1#0	10.27	8.1	18.37	0.07	3.00	Pass
			RB25#0	9.95	8.1	18.05	0.06	3.00	Pass
		16-QAM	RB1#0	9.43	8.1	17.53	0.06	3.00	Pass
			RB25#0	8.32	8.1	16.42	0.04	3.00	Pass
	MCH	QPSK	RB1#0	10.25	8.1	18.35	0.07	3.00	Pass
			RB25#0	9.28	8.1	17.38	0.05	3.00	Pass
		16-QAM	RB1#0	8.03	8.1	16.13	0.04	3.00	Pass
			RB25#0	8.76	8.1	16.86	0.05	3.00	Pass
	HCH	QPSK	RB1#0	10.28	8.1	18.38	0.07	3.00	Pass
			RB25#0	9.57	8.1	17.67	0.06	3.00	Pass
		16-QAM	RB1#0	8.81	8.1	16.91	0.05	3.00	Pass
			RB25#0	8.69	8.1	16.79	0.05	3.00	Pass
10 MHz	MCH	QPSK	RB1#0	10.57	8.1	18.67	0.07	3.00	Pass
			RB50#0	9.38	8.1	17.48	0.06	3.00	Pass
		16-QAM	RB1#0	9.53	8.1	17.63	0.06	3.00	Pass
			RB50#0	8.72	8.1	16.82	0.05	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
<b>LTE BAND17</b>									
5 MHz	LCH	QPSK	RB1#0	9.78	8.1	17.88	0.06	3.00	Pass
			RB25#0	9.2	8.1	17.30	0.05	3.00	Pass
		16-QAM	RB1#0	8.92	8.1	17.02	0.05	3.00	Pass
			RB25#0	8.08	8.1	16.18	0.04	3.00	Pass
	MCH	QPSK	RB1#0	9.74	8.1	17.84	0.06	3.00	Pass
			RB25#0	9.03	8.1	17.13	0.05	3.00	Pass
		16-QAM	RB1#0	7.83	8.1	15.93	0.04	3.00	Pass
			RB25#0	8.15	8.1	16.25	0.04	3.00	Pass
	HCH	QPSK	RB1#0	9.44	8.1	17.54	0.06	3.00	Pass
			RB25#0	9.4	8.1	17.50	0.06	3.00	Pass
		16-QAM	RB1#0	8.8	8.1	16.90	0.05	3.00	Pass
			RB25#0	8.3	8.1	16.40	0.04	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	9.49	8.1	17.59	0.06	3.00	Pass
			RB50#0	9.07	8.1	17.17	0.05	3.00	Pass
		16-QAM	RB1#0	8.65	8.1	16.75	0.05	3.00	Pass
			RB50#0	7.7	8.1	15.80	0.04	3.00	Pass
	MCH	QPSK	RB1#0	9.83	8.1	17.93	0.06	3.00	Pass
			RB50#0	8.9	8.1	17.00	0.05	3.00	Pass
		16-QAM	RB1#0	7.98	8.1	16.08	0.04	3.00	Pass
			RB50#0	8.16	8.1	16.26	0.04	3.00	Pass
	HCH	QPSK	RB1#0	9.78	8.1	17.88	0.06	3.00	Pass
			RB50#0	9.18	8.1	17.28	0.05	3.00	Pass
		16-QAM	RB1#0	8.76	8.1	16.86	0.05	3.00	Pass
			RB50#0	8.6	8.1	16.70	0.05	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
<b>LTE BAND25</b>									
1.4 MHz	LCH	QPSK	RB1#0	1.96	17.8	19.76	0.09	2.00	Pass
			RB6#0	0.80	17.8	18.60	0.07	2.00	Pass
		16-QAM	RB1#0	0.56	17.8	18.36	0.07	2.00	Pass
			RB6#0	0.03	17.8	17.83	0.06	2.00	Pass
	MCH	QPSK	RB1#0	1.45	17.8	19.25	0.08	2.00	Pass
			RB6#0	0.13	17.8	17.93	0.06	2.00	Pass
		16-QAM	RB1#0	0.52	17.8	18.32	0.07	2.00	Pass
			RB6#0	-0.33	17.8	17.47	0.06	2.00	Pass
	HCH	QPSK	RB1#0	1.16	17.8	18.96	0.08	2.00	Pass
			RB6#0	-0.08	17.8	17.72	0.06	2.00	Pass
		16-QAM	RB1#0	1.20	17.8	19.00	0.08	2.00	Pass
			RB6#0	0.41	17.8	18.21	0.07	2.00	Pass
3 MHz	LCH	QPSK	RB1#0	1.58	17.8	19.38	0.09	2.00	Pass
			RB15#0	-0.08	17.8	17.72	0.06	2.00	Pass
		16-QAM	RB1#0	1.42	17.8	19.22	0.08	2.00	Pass
			RB15#0	0.22	17.8	18.02	0.06	2.00	Pass
	MCH	QPSK	RB1#0	0.96	17.8	18.76	0.08	2.00	Pass
			RB15#0	0.59	17.8	18.39	0.07	2.00	Pass
		16-QAM	RB1#0	0.28	17.8	18.08	0.06	2.00	Pass
			RB15#0	-0.33	17.8	17.47	0.06	2.00	Pass
	HCH	QPSK	RB1#0	1.30	17.8	19.10	0.08	2.00	Pass
			RB15#0	1.19	17.8	18.99	0.08	2.00	Pass
		16-QAM	RB1#0	0.71	17.8	18.51	0.07	2.00	Pass
			RB15#0	1.09	17.8	18.89	0.08	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	1.33	17.8	19.13	0.08	2.00	Pass
			RB25#0	0.18	17.8	17.98	0.06	2.00	Pass
		16-QAM	RB1#0	0.34	17.8	18.14	0.07	2.00	Pass
			RB25#0	0.02	17.8	17.82	0.06	2.00	Pass
	MCH	QPSK	RB1#0	1.48	17.8	19.28	0.08	2.00	Pass
			RB25#0	0.57	17.8	18.37	0.07	2.00	Pass
		16-QAM	RB1#0	0.22	17.8	18.02	0.06	2.00	Pass
			RB25#0	-0.47	17.8	17.33	0.05	2.00	Pass
	HCH	QPSK	RB1#0	1.80	17.8	19.60	0.09	2.00	Pass
			RB25#0	-0.14	17.8	17.66	0.06	2.00	Pass
		16-QAM	RB1#0	1.11	17.8	18.91	0.08	2.00	Pass
			RB25#0	0.45	17.8	18.25	0.07	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	1.61	17.8	19.41	0.09	2.00	Pass
			RB50#0	0.97	17.8	18.77	0.08	2.00	Pass
		16-QAM	RB1#0	0.90	17.8	18.70	0.07	2.00	Pass
			RB50#0	0.28	17.8	18.08	0.06	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
<b>LTE BAND25</b>									
15 MHz	MCH	QPSK	RB1#0	1.18	17.8	18.98	0.08	2.00	Pass
			RB50#0	0.09	17.8	17.89	0.06	2.00	Pass
		16-QAM	RB1#0	0.40	17.8	18.20	0.07	2.00	Pass
			RB50#0	0.28	17.8	18.08	0.06	2.00	Pass
	HCH	QPSK	RB1#0	1.63	17.8	19.43	0.09	2.00	Pass
			RB50#0	0.12	17.8	17.92	0.06	2.00	Pass
		16-QAM	RB1#0	1.00	17.8	18.80	0.08	2.00	Pass
			RB50#0	1.73	17.8	19.53	0.09	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	1.37	17.8	19.17	0.08	2.00	Pass
			RB75#0	0.90	17.8	18.70	0.07	2.00	Pass
		16-QAM	RB1#0	1.40	17.8	19.20	0.08	2.00	Pass
			RB75#0	-0.36	17.8	17.44	0.06	2.00	Pass
	MCH	QPSK	RB1#0	1.48	17.8	19.28	0.08	2.00	Pass
			RB75#0	0.23	17.8	18.03	0.06	2.00	Pass
		16-QAM	RB1#0	0.29	17.8	18.09	0.06	2.00	Pass
			RB75#0	0.18	17.8	17.98	0.06	2.00	Pass
	HCH	QPSK	RB1#0	0.79	17.8	18.59	0.07	2.00	Pass
			RB75#0	1.11	17.8	18.91	0.08	2.00	Pass
		16-QAM	RB1#0	1.57	17.8	19.37	0.09	2.00	Pass
			RB75#0	1.30	17.8	19.10	0.08	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
<b>LTE BAND41</b>									
5 MHz	LCH	QPSK	RB1#0	1.21	19.5	20.71	0.12	2.00	Pass
			RB25#0	0.26	19.5	19.76	0.09	2.00	Pass
		16-QAM	RB1#0	0.49	19.5	19.99	0.10	2.00	Pass
			RB25#0	-0.66	19.5	18.84	0.08	2.00	Pass
	MCH	QPSK	RB1#0	0.65	19.5	20.15	0.10	2.00	Pass
			RB25#0	-0.06	19.5	19.44	0.09	2.00	Pass
		16-QAM	RB1#0	-0.07	19.5	19.43	0.09	2.00	Pass
			RB25#0	-0.51	19.5	18.99	0.08	2.00	Pass
	HCH	QPSK	RB1#0	0.64	19.5	20.14	0.10	2.00	Pass
			RB25#0	-0.08	19.5	19.42	0.09	2.00	Pass
		16-QAM	RB1#0	0.85	19.5	20.35	0.11	2.00	Pass
			RB25#0	0.48	19.5	19.98	0.10	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	0.81	19.5	20.31	0.11	2.00	Pass
			RB50#0	-0.05	19.5	19.45	0.09	2.00	Pass
		16-QAM	RB1#0	0.61	19.5	20.11	0.10	2.00	Pass
			RB50#0	-0.4	19.5	19.10	0.08	2.00	Pass
	MCH	QPSK	RB1#0	0.2	19.5	19.70	0.09	2.00	Pass
			RB50#0	0.19	19.5	19.69	0.09	2.00	Pass
		16-QAM	RB1#0	0.1	19.5	19.60	0.09	2.00	Pass
			RB50#0	-0.87	19.5	18.63	0.07	2.00	Pass
	HCH	QPSK	RB1#0	0.93	19.5	20.43	0.11	2.00	Pass
			RB50#0	0.14	19.5	19.64	0.09	2.00	Pass
		16-QAM	RB1#0	0.63	19.5	20.13	0.10	2.00	Pass
			RB50#0	0.19	19.5	19.69	0.09	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	0.69	19.5	20.19	0.10	2.00	Pass
			RB75#0	-0.16	19.5	19.34	0.09	2.00	Pass
		16-QAM	RB1#0	0.02	19.5	19.52	0.09	2.00	Pass
			RB75#0	-0.26	19.5	19.24	0.08	2.00	Pass
	MCH	QPSK	RB1#0	0.75	19.5	20.25	0.11	2.00	Pass
			RB75#0	0.01	19.5	19.51	0.09	2.00	Pass
		16-QAM	RB1#0	0.16	19.5	19.66	0.09	2.00	Pass
			RB75#0	-0.49	19.5	19.01	0.08	2.00	Pass
	HCH	QPSK	RB1#0	1.02	19.5	20.52	0.11	2.00	Pass
			RB75#0	0.24	19.5	19.74	0.09	2.00	Pass
		16-QAM	RB1#0	0.29	19.5	19.79	0.10	2.00	Pass
			RB75#0	0.21	19.5	19.71	0.09	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	1.08	19.5	20.58	0.11	2.00	Pass
			RB100#0	0.02	19.5	19.52	0.09	2.00	Pass
		16-QAM	RB1#0	0.29	19.5	19.79	0.10	2.00	Pass
			RB100#0	-0.16	19.5	19.34	0.09	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	SA Read Value (dBm)	Correction Factor(dB)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
<b>LTE BAND41</b>									
MCH	QPSK	RB1#0	0.45	19.5	19.95	0.10	2.00	Pass	
		RB100#0	-0.3	19.5	19.20	0.08	2.00	Pass	
	16-QAM	RB1#0	0.32	19.5	19.82	0.10	2.00	Pass	
		RB100#0	-0.8	19.5	18.70	0.07	2.00	Pass	
	HCH	QPSK	RB1#0	0.38	19.5	19.88	0.10	2.00	Pass
			RB100#0	0.31	19.5	19.81	0.10	2.00	Pass
	16-QAM	16-QAM	RB1#0	0.73	19.5	20.23	0.11	2.00	Pass
			RB100#0	0.29	19.5	19.79	0.10	2.00	Pass

## A.2 Peak to Average Ratio

Note 1: For average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB. For GSM, GPRS and EGPRS, there are peak power to demonstrate compliance, PAR measurements are not required.

Note 2: Test plots please refer to the document "Annex No.:BL-EC1840167-501 Data Part 1.pdf".

### CDMA/EVDO Mode Test Data

Test Band	Test Channel	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot <sup>Note2</sup>	Verdict
CDMA	LCH	4.09	13	1.1	Pass
	MCH	3.91	13	1.2	Pass
	HCH	3.57	13	1.3	Pass
EVDO	LCH	4.93	13	2.1	Pass
	MCH	4.70	13	2.2	Pass
	HCH	4.41	13	2.3	Pass

### WCDMA Mode Test Data

Test Band	Test Channel	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot <sup>Note2</sup>	Verdict
WCDMA Band 2	LCH	3.13	13	3.1	Pass
	MCH	3.13	13	3.2	Pass
	HCH	2.99	13	3.3	Pass
WCDMA Band 5	LCH	3.42	13	4.1	Pass
	MCH	3.30	13	4.2	Pass
	HCH	3.30	13	4.3	Pass
DC-HSUPA Band 2	LCH	4.64	13	5.1	Pass
	MCH	4.41	13	5.2	Pass
	HCH	5.13	13	5.3	Pass
DC-HSUPA Band 5	LCH	5.19	13	6.1	Pass
	MCH	5.45	13	6.2	Pass
	HCH	5.65	13	6.3	Pass