



LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



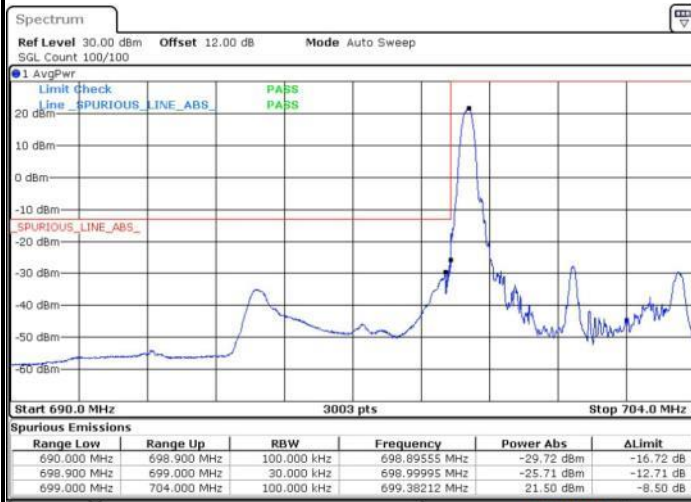
Highest Band Edge / Full RB





LTE Band 12 / 5MHz / QPSK

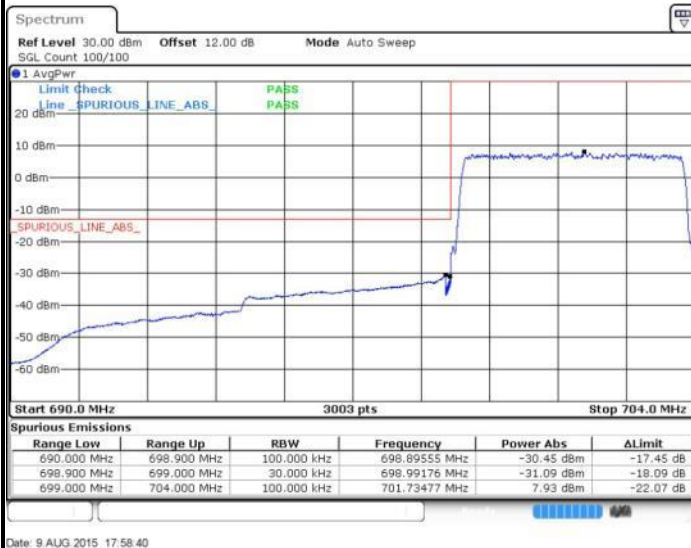
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



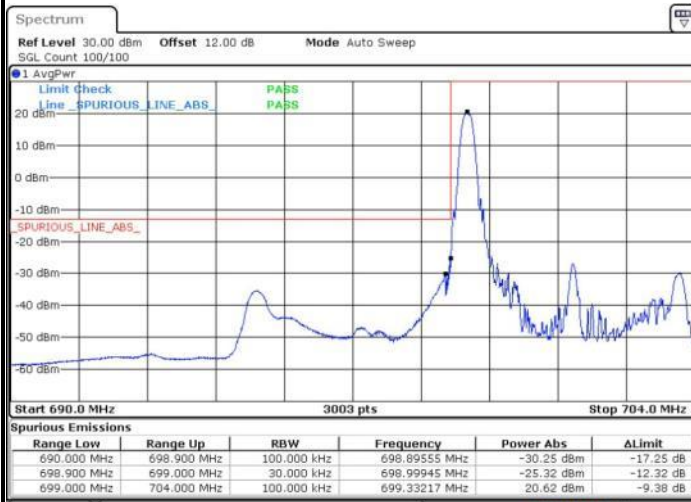
Highest Band Edge / Full RB





LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



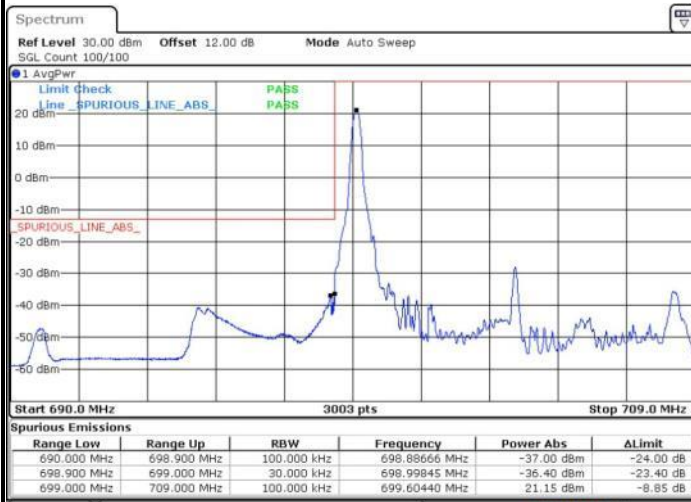
Highest Band Edge / Full RB





LTE Band 12 / 10MHz / QPSK

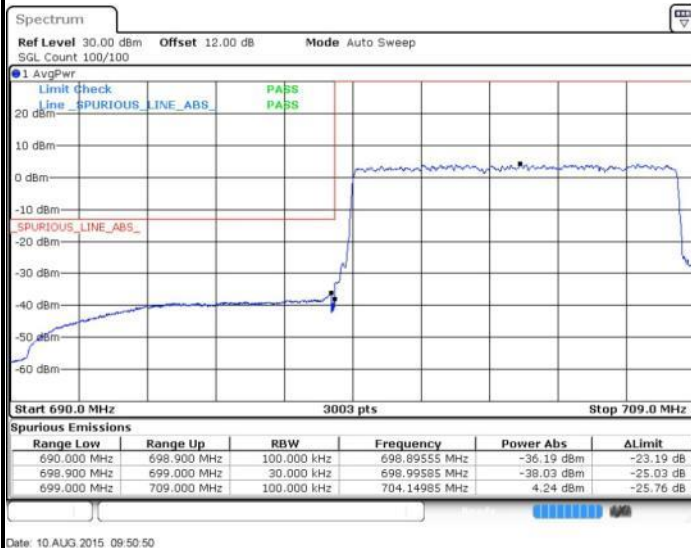
Lowest Band Edge / 1 RB



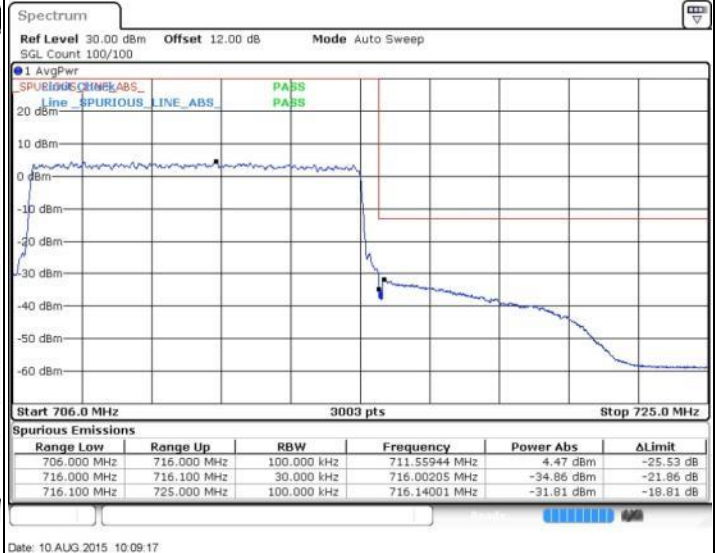
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



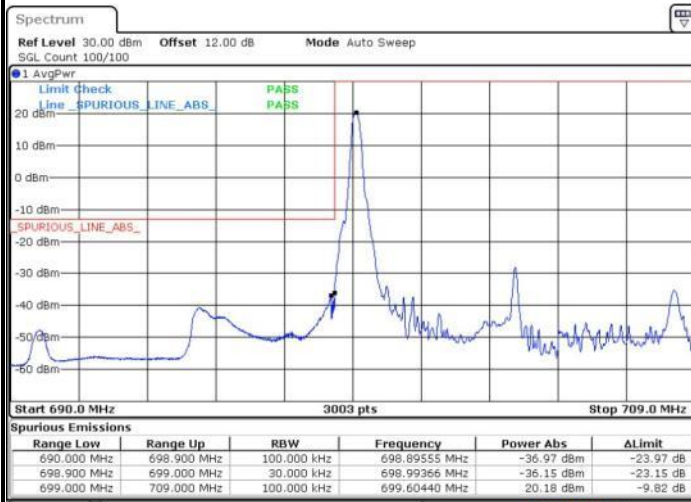
Highest Band Edge / Full RB



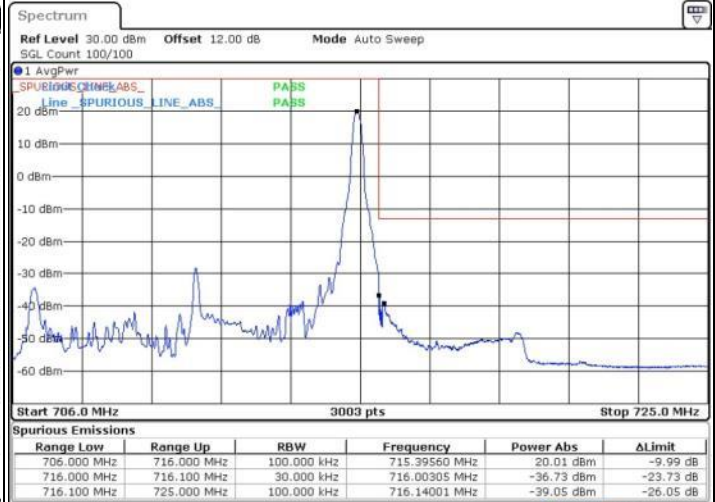


LTE Band 12 / 10MHz / 16QAM

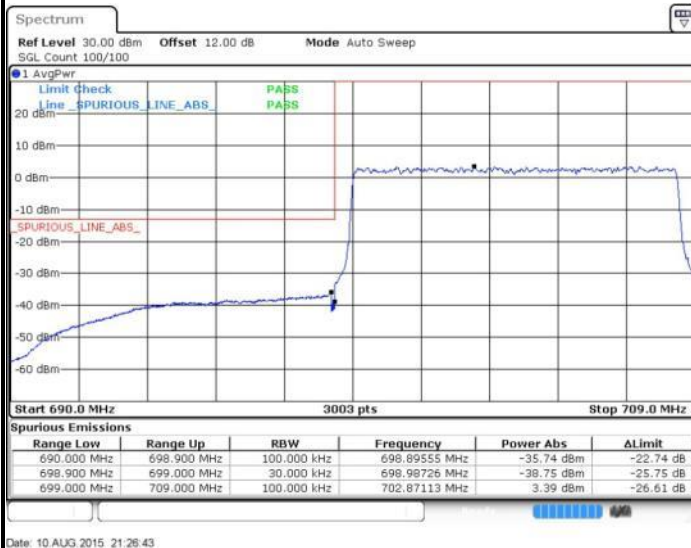
Lowest Band Edge / 1 RB



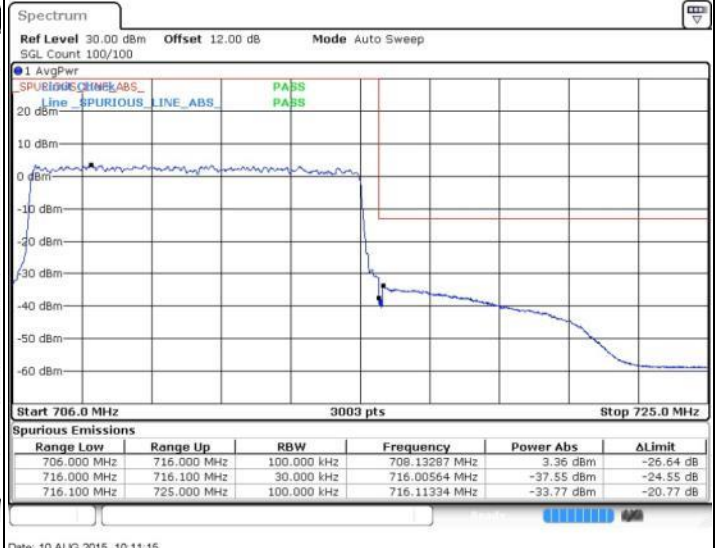
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Conducted Spurious Emission



LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



Date: 10.AUG.2015 10:32:52

Lowest Channel / 16QAM



Date: 10.AUG.2015 10:33:54

Middle Channel / QPSK



Date: 10.AUG.2015 10:36:43

Middle Channel / 16QAM

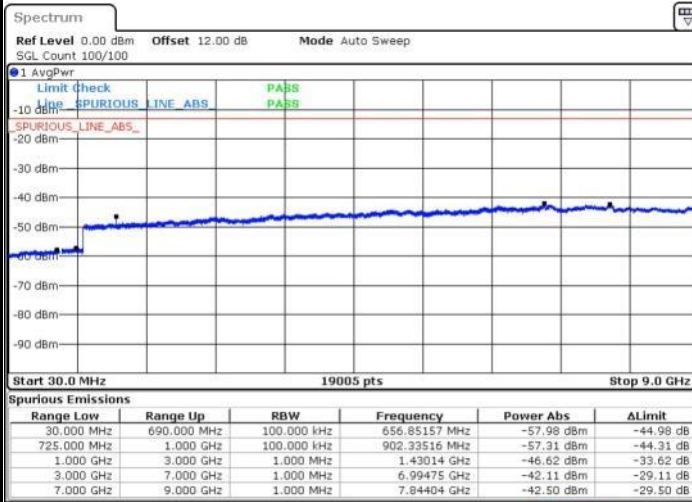


Date: 10.AUG.2015 10:35:40



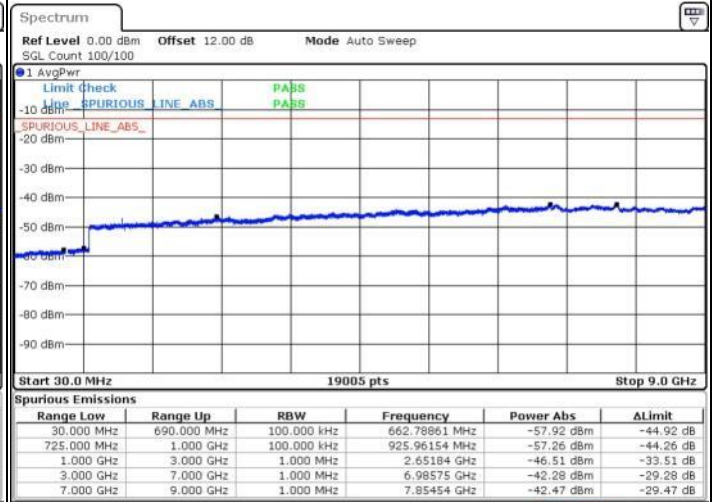
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 10.AUG.2015 10:46:22

Highest Channel / 16QAM



Date: 10.AUG.2015 10:47:25

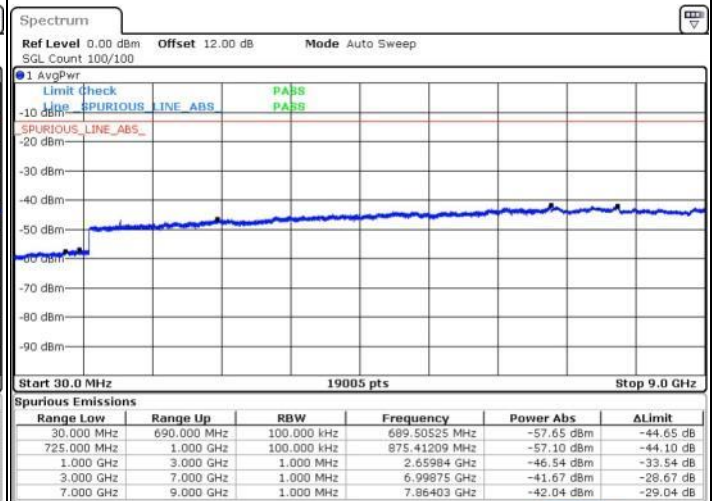
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 9.AUG.2015 17:42:31

Lowest Channel / 16QAM

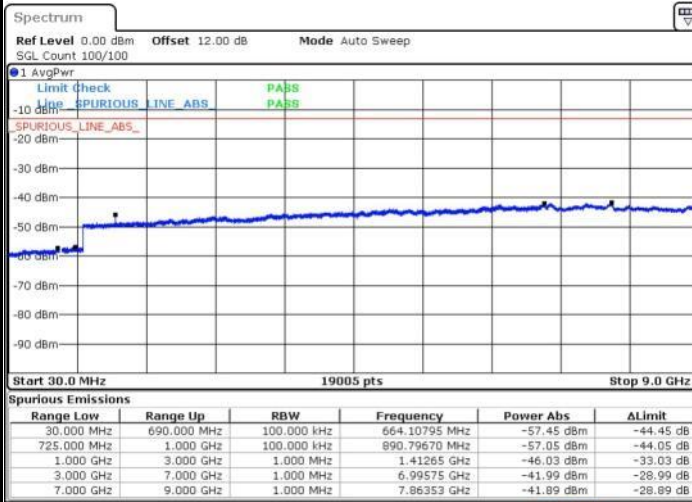


Date: 9.AUG.2015 17:43:26



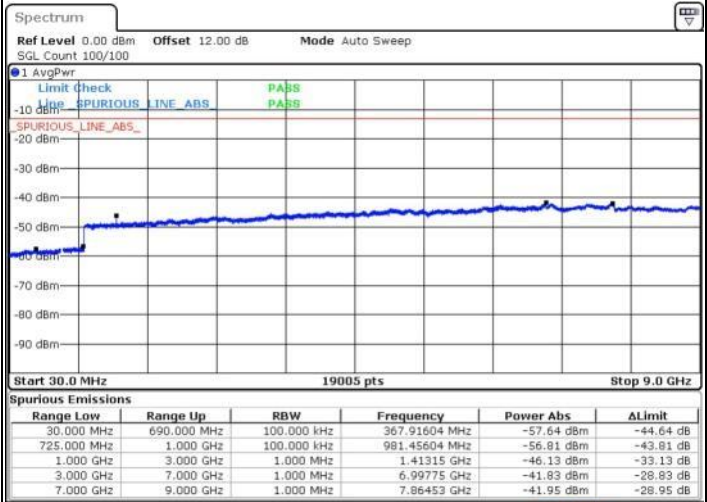
LTE Band 12 / 3MHz

Middle Channel / QPSK



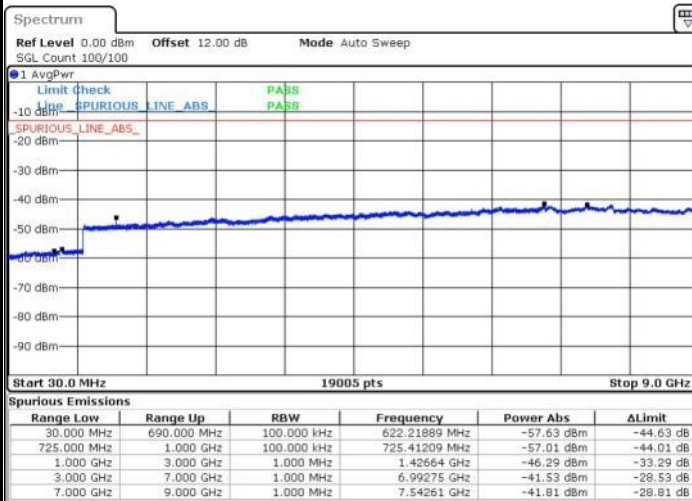
Date: 9 AUG 2015 17:45:57

Middle Channel / 16QAM



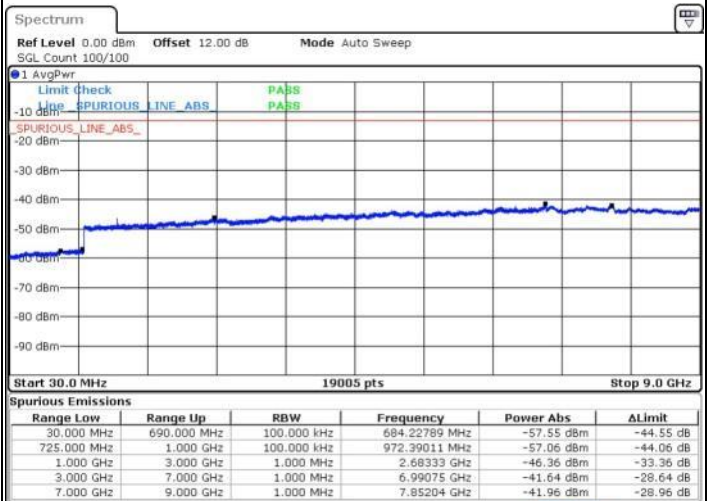
Date: 9 AUG 2015 17:45:02

Highest Channel / QPSK



Date: 9 AUG 2015 17:55:10

Highest Channel / 16QAM



Date: 9 AUG 2015 17:56:05



LTE Band 12 / 5MHz

Lowest Channel / QPSK



Date: 9 AUG 2015 18:05:18

Lowest Channel / 16QAM



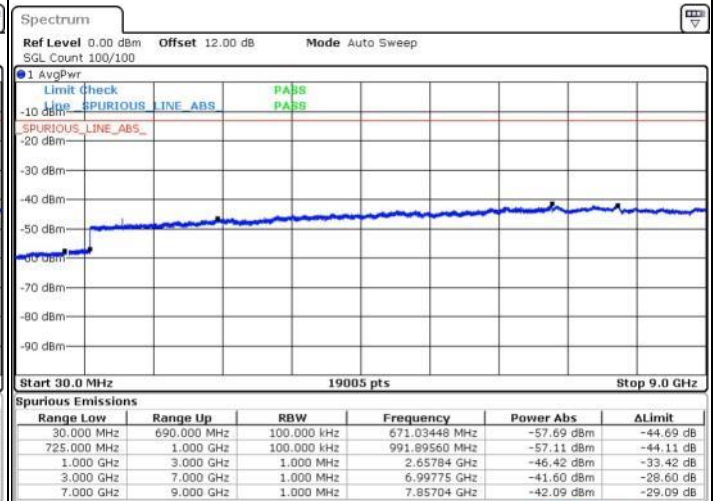
Date: 9 AUG 2015 18:06:12

Middle Channel / QPSK



Date: 9 AUG 2015 18:08:43

Middle Channel / 16QAM

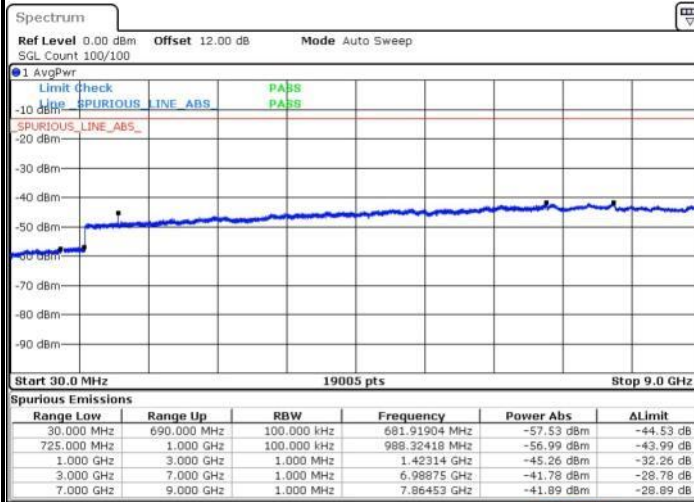


Date: 9 AUG 2015 18:07:49



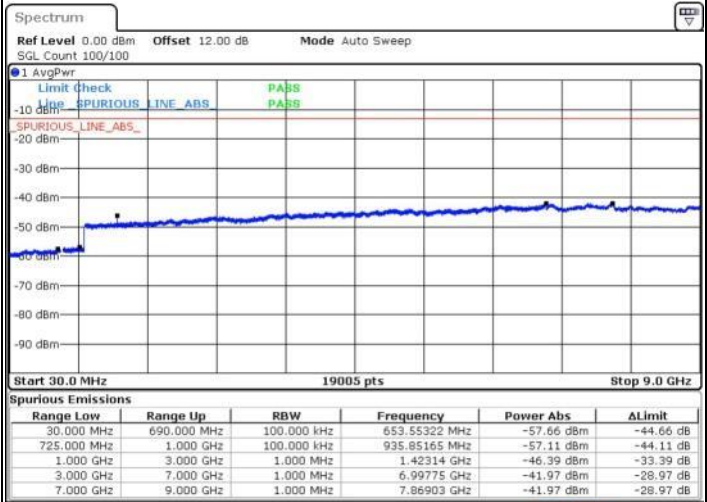
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 9 AUG 2015 18:18:52

Highest Channel / 16QAM



Date: 9 AUG 2015 18:17:57

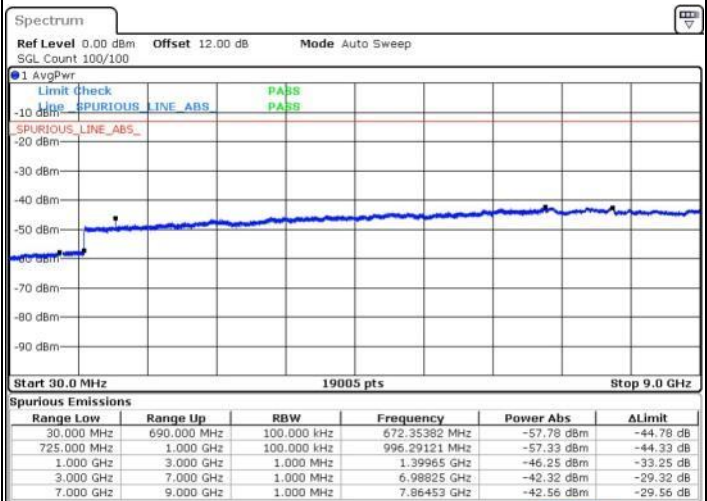
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 10 AUG 2015 21:27:30

Lowest Channel / 16QAM

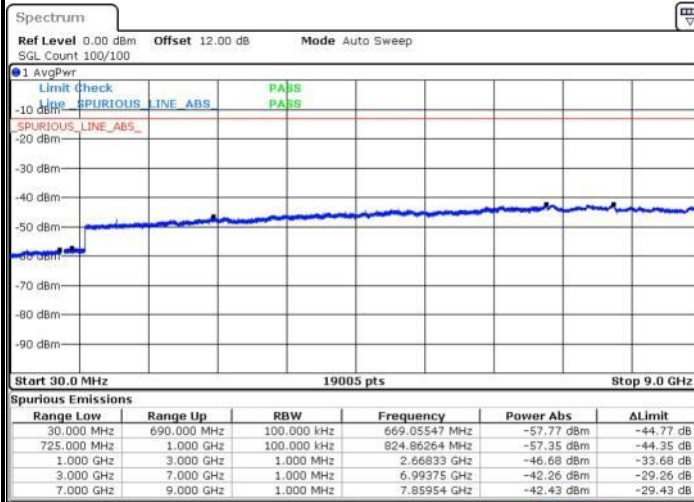


Date: 10 AUG 2015 10:03:46



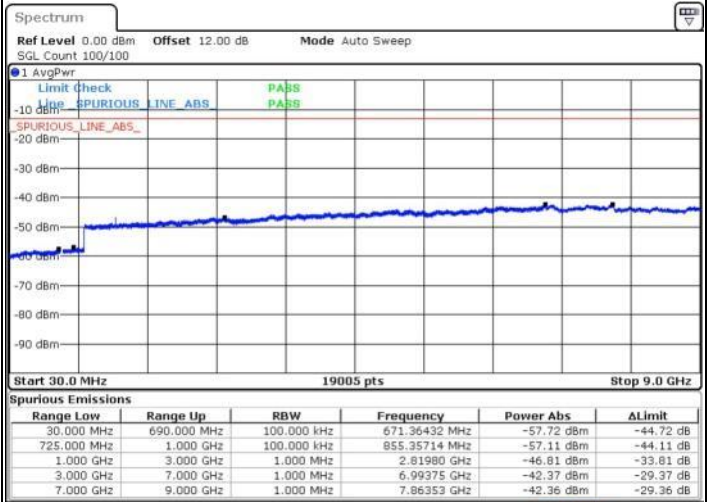
LTE Band 12 / 10MHz

Middle Channel / QPSK



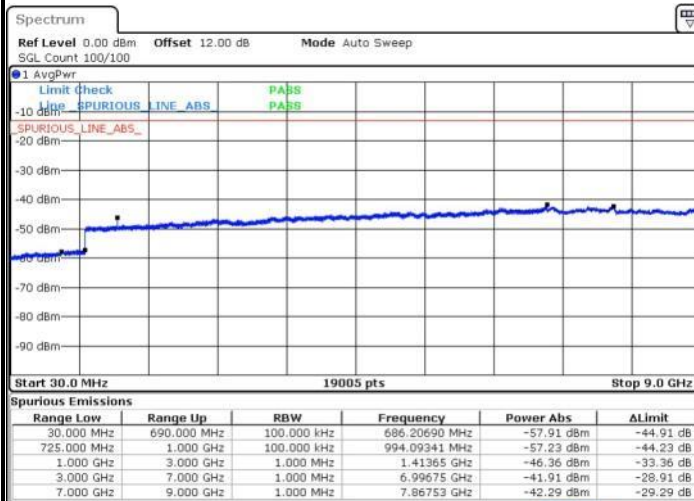
Date: 10.AUG.2015 10:06:36

Middle Channel / 16QAM



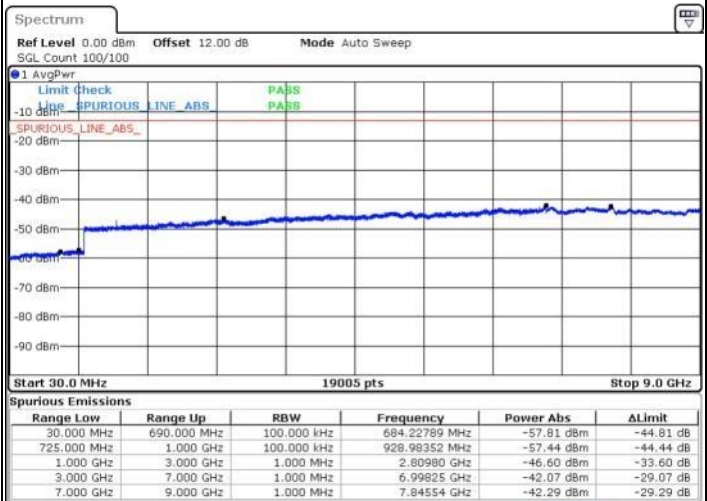
Date: 10.AUG.2015 10:05:33

Highest Channel / QPSK



Date: 10.AUG.2015 10:16:17

Highest Channel / 16QAM



Date: 10.AUG.2015 10:17:21

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0123	PASS
40	Normal Voltage	0.0120	
30	Normal Voltage	0.0100	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0095	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0113	
-30	Normal Voltage	0.0112	
20	Maximum Voltage	0.0110	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 17

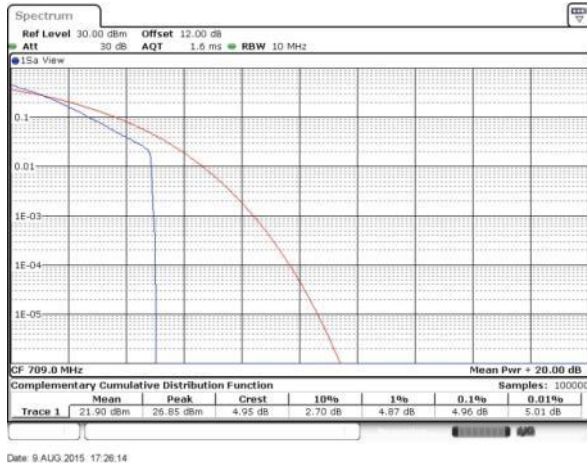
Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.96	5.01	6	6	PASS
Middle CH	5.01	5.1	6.49	5.97	
Highest CH	5.13	5.13	6.32	6.03	

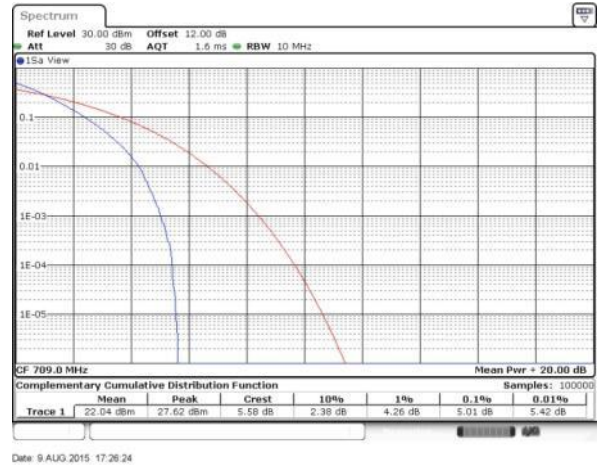


LTE Band 17 / 10MHz / QPSK

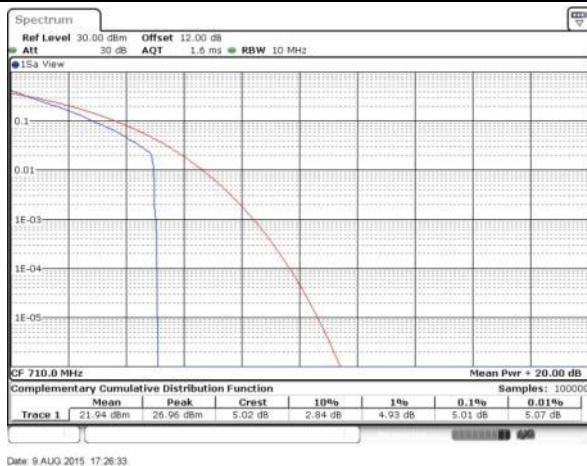
Lowest Channel / 1RB



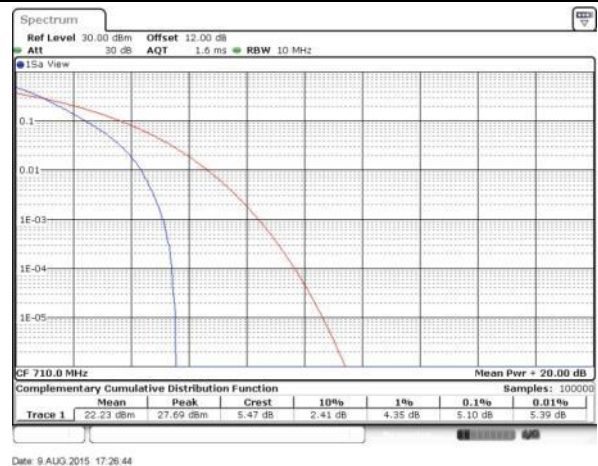
Lowest Channel / Full RB



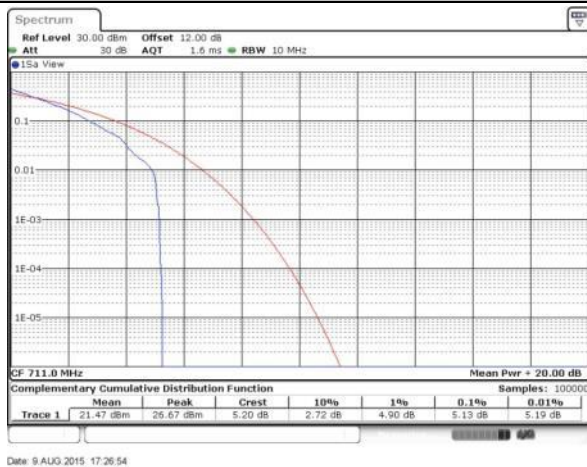
Middle Channel/ 1RB



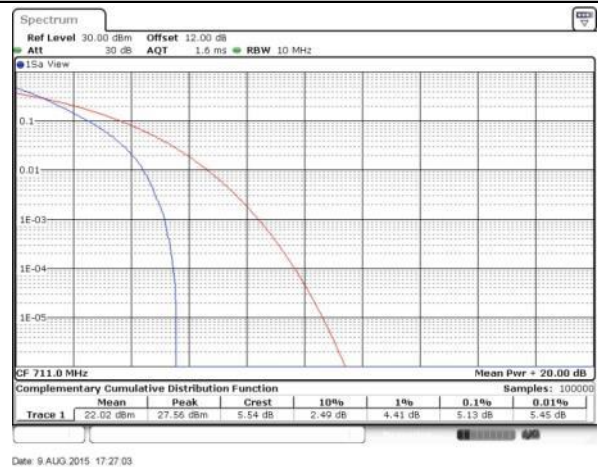
Middle Channel / Full RB



Highest Channel/ 1RB



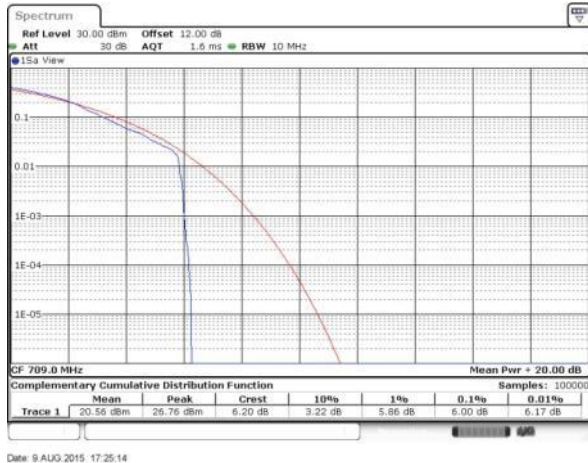
Highest Channel / Full RB



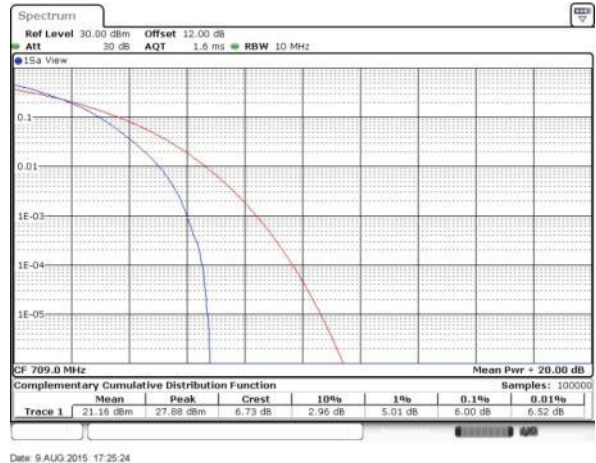


LTE Band 17 / 10MHz / 16QAM

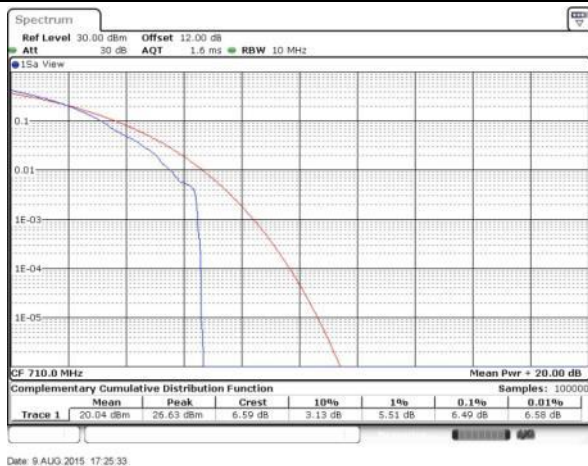
Lowest Channel / 1RB



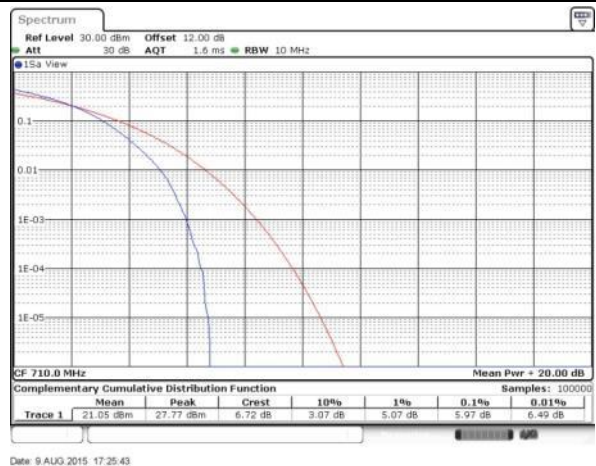
Lowest Channel / Full RB



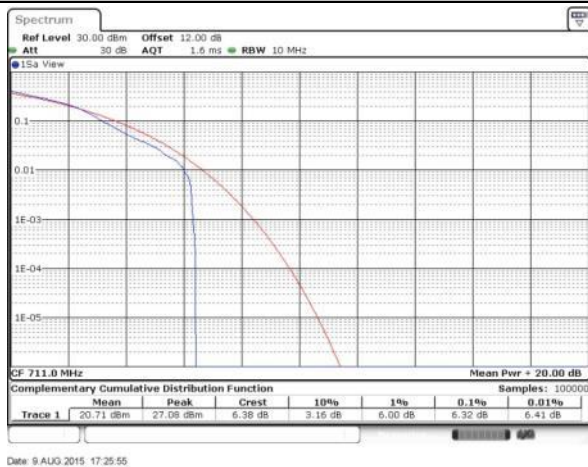
Middle Channel/ 1RB



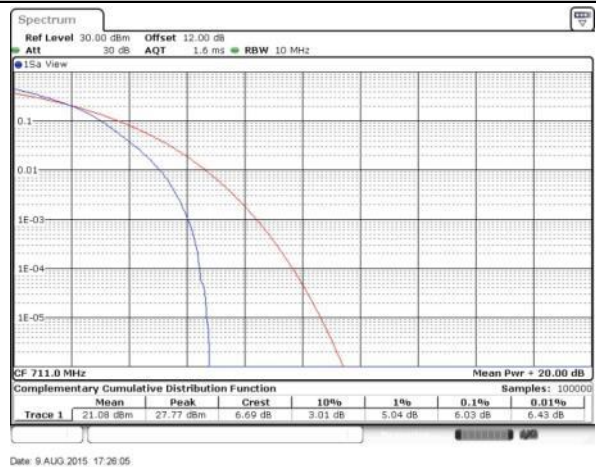
Middle Channel / Full RB



Highest Channel/ 1RB



Highest Channel / Full RB





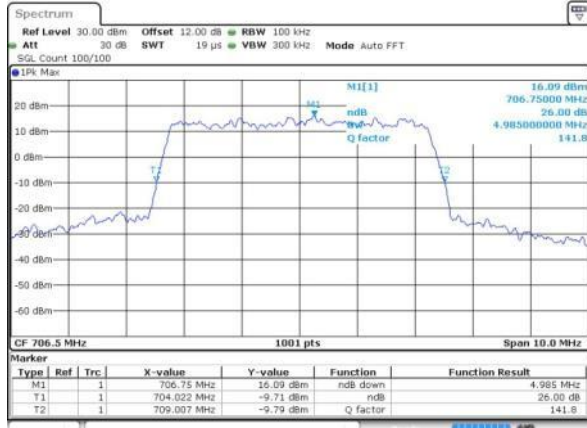
26dB Bandwidth

Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.99	4.87	9.63	9.77	-	-	-	-
Middle CH	-	-	-	-	4.89	4.89	9.81	9.77	-	-	-	-
Highest CH	-	-	-	-	4.91	4.88	9.67	9.77	-	-	-	-

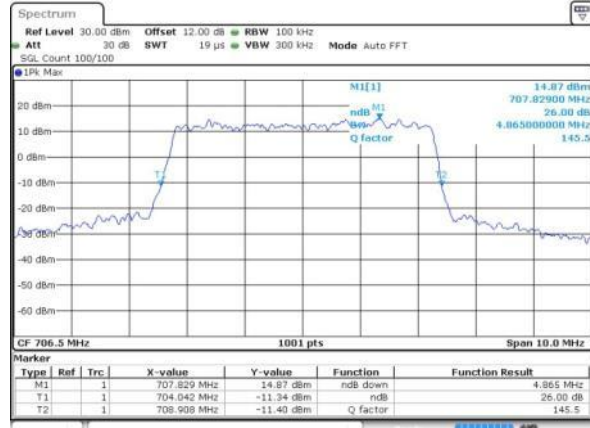


LTE Band 17

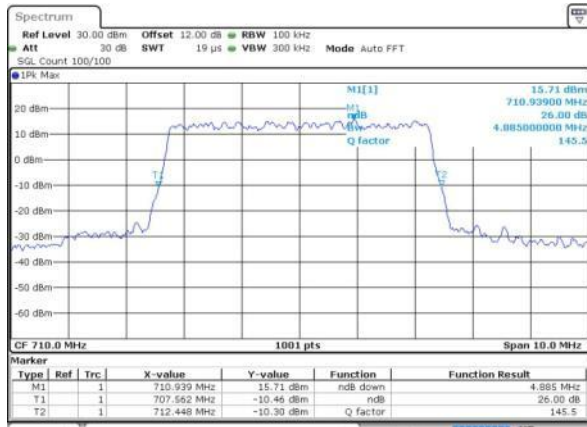
Lowest Channel / 5MHz / QPSK



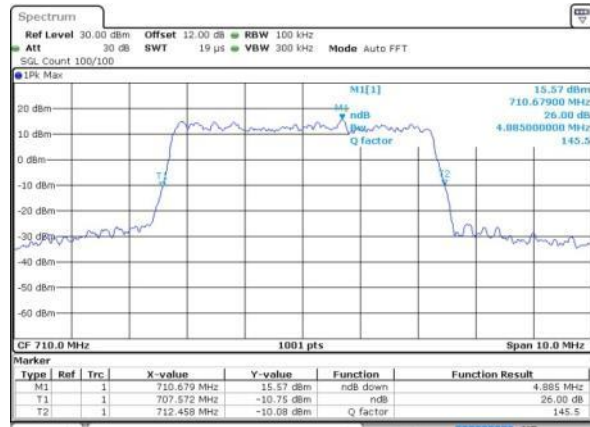
Lowest Channel / 5MHz / 16QAM



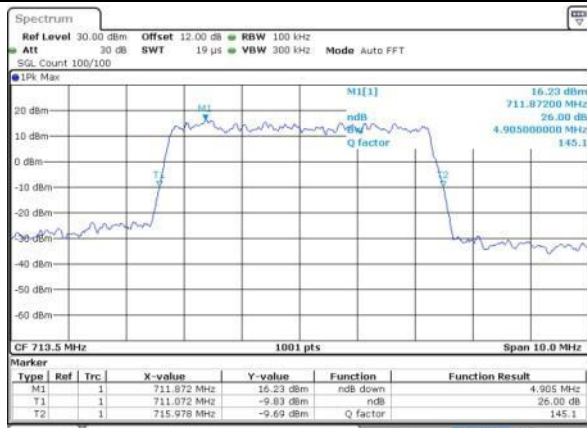
Middle Channel / 5MHz / QPSK



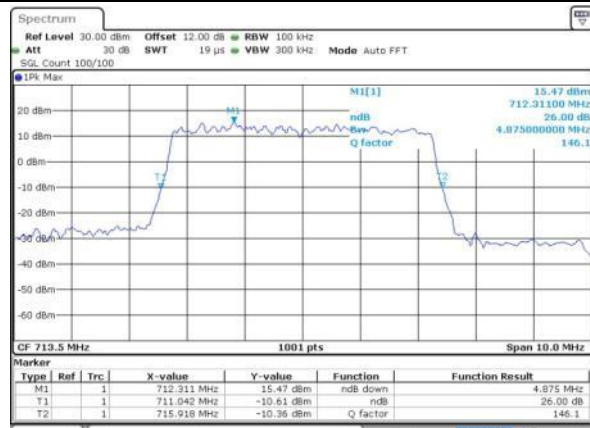
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



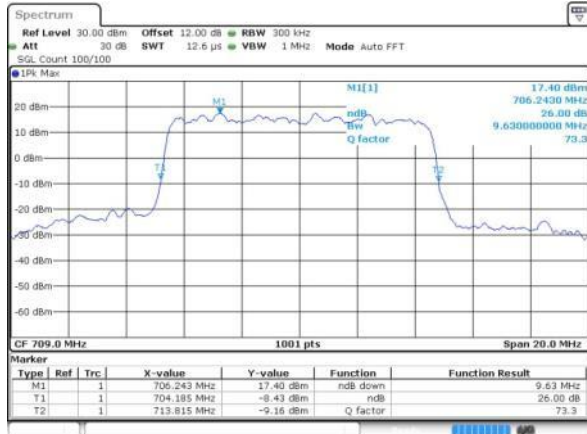
Highest Channel / 5MHz / 16QAM



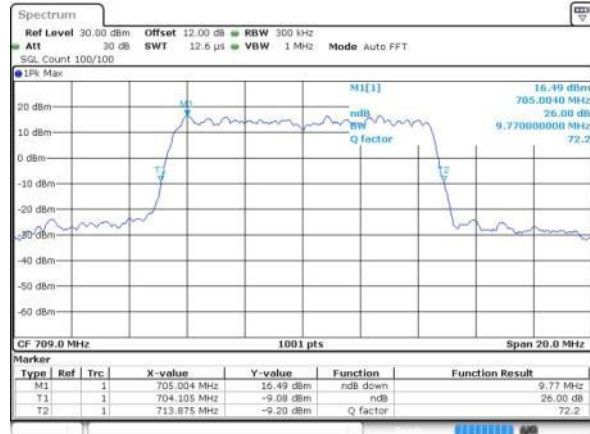


LTE Band 17

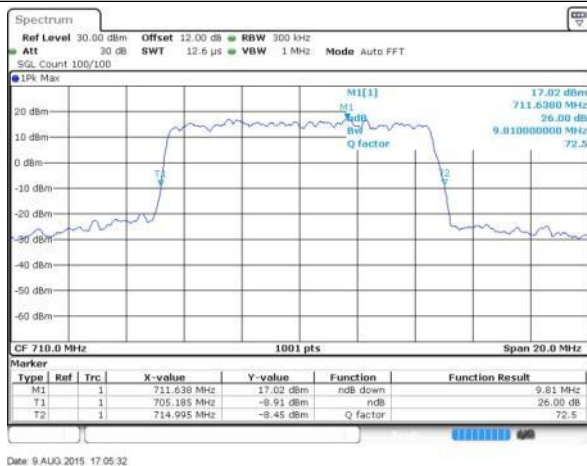
Lowest Channel / 10MHz / QPSK



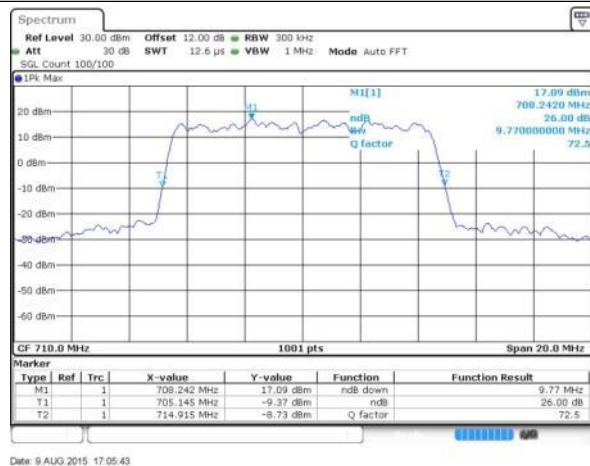
Lowest Channel / 10MHz / 16QAM



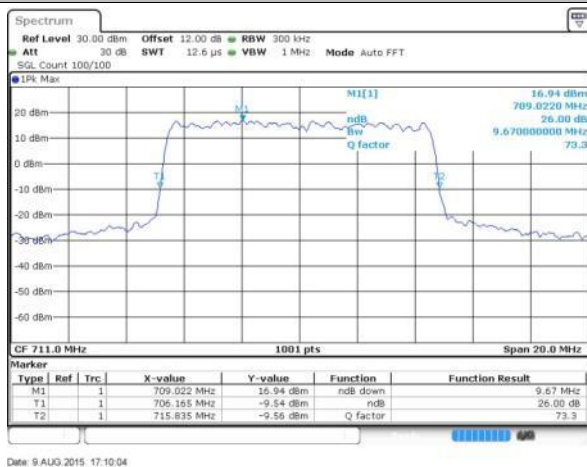
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM





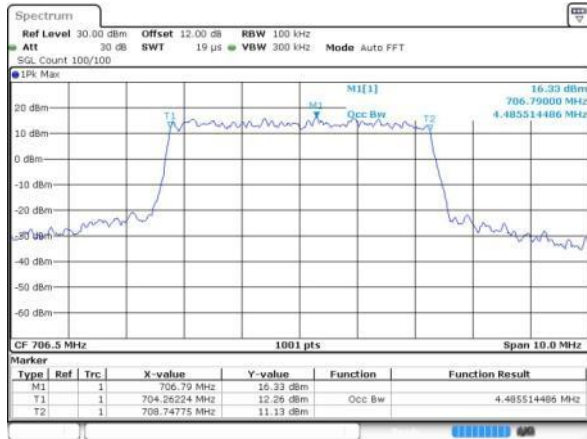
Occupied Bandwidth

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.5	9.01	9.03	-	-	-	-
Middle CH	-	-	-	-	4.47	4.5	9.01	8.99	-	-	-	-
Highest CH	-	-	-	-	4.47	4.49	9.03	9.03	-	-	-	-

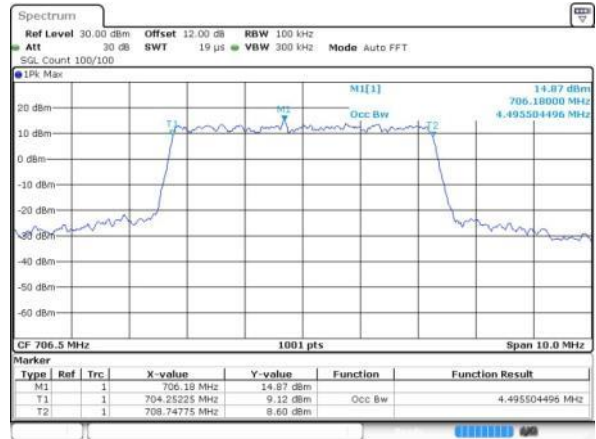


LTE Band 17

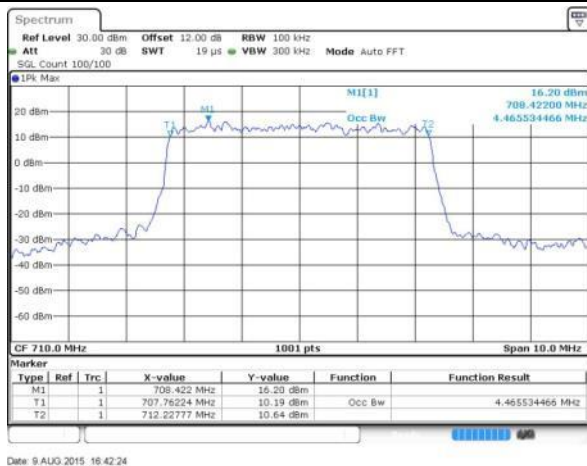
Lowest Channel / 5MHz / QPSK



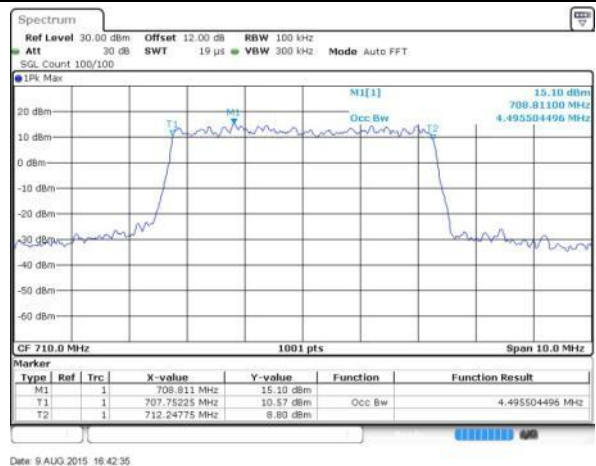
Lowest Channel / 5MHz / 16QAM



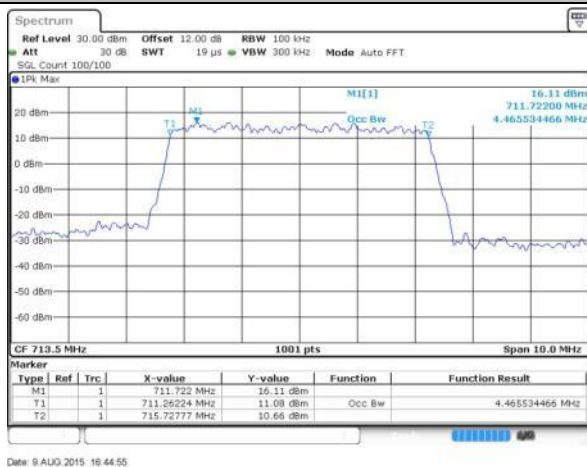
Middle Channel / 5MHz / QPSK



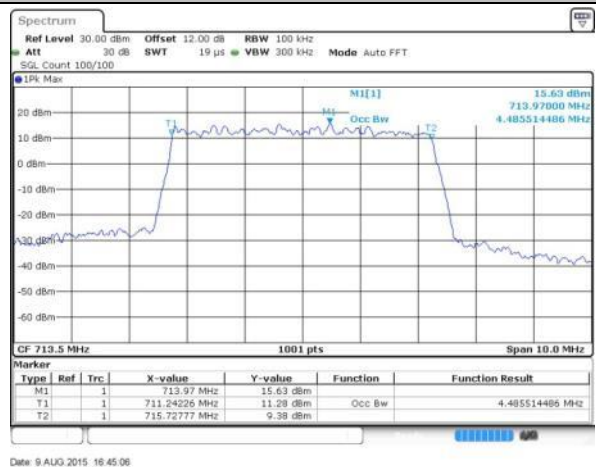
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



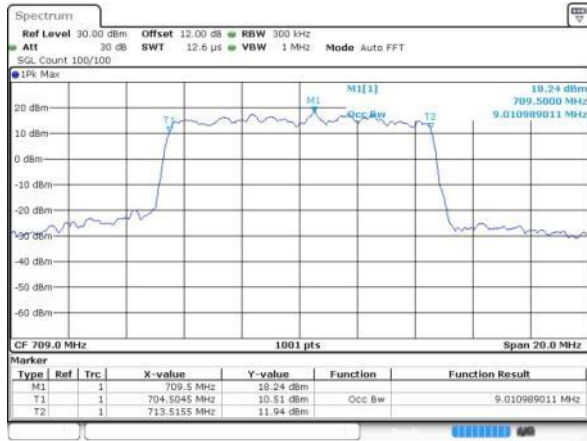
Highest Channel / 5MHz / 16QAM



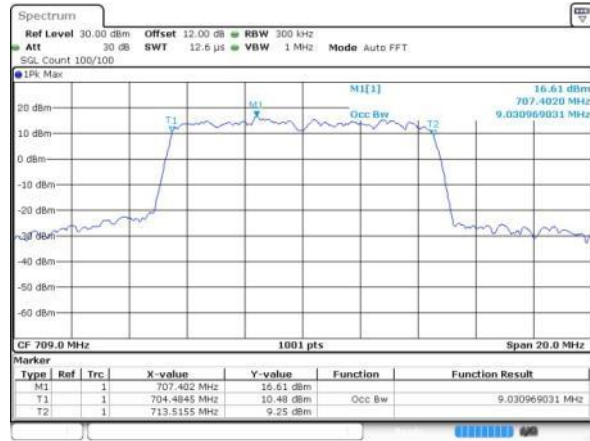


LTE Band 17

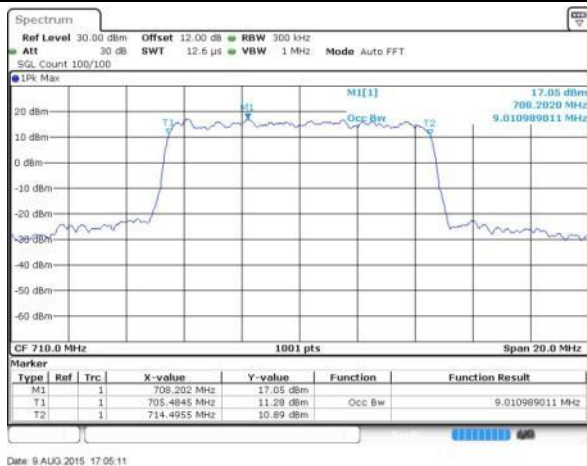
Lowest Channel / 10MHz / QPSK



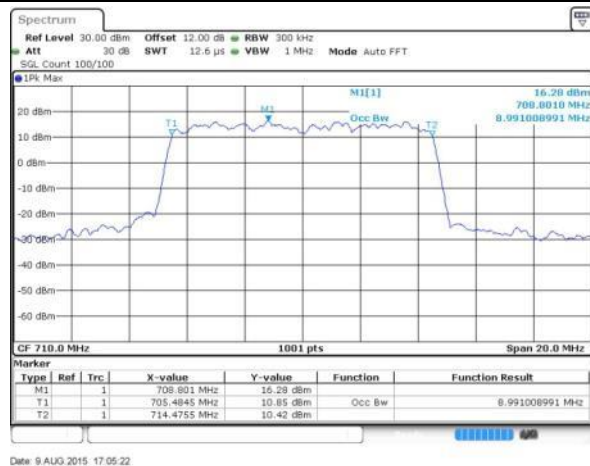
Lowest Channel / 10MHz / 16QAM



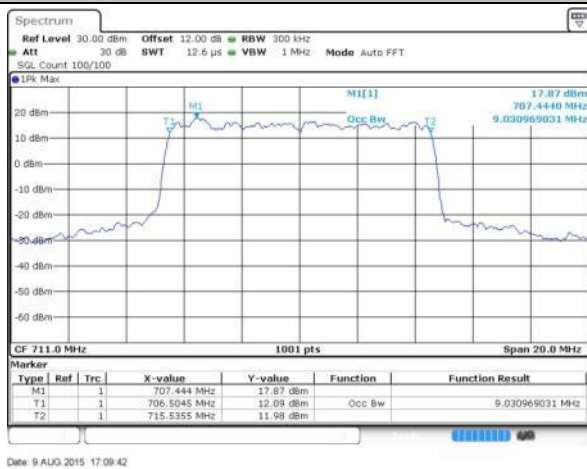
Middle Channel / 10MHz / QPSK



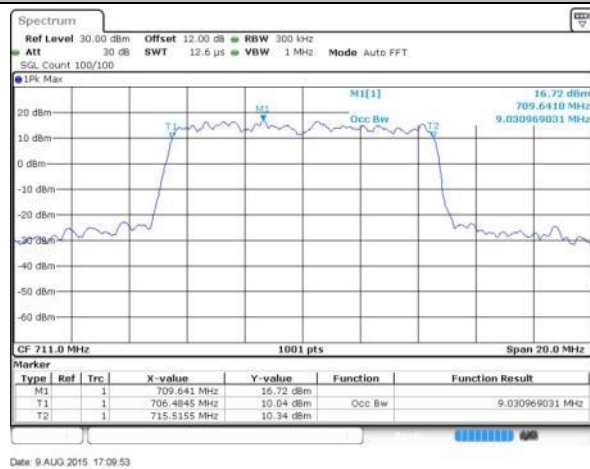
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM



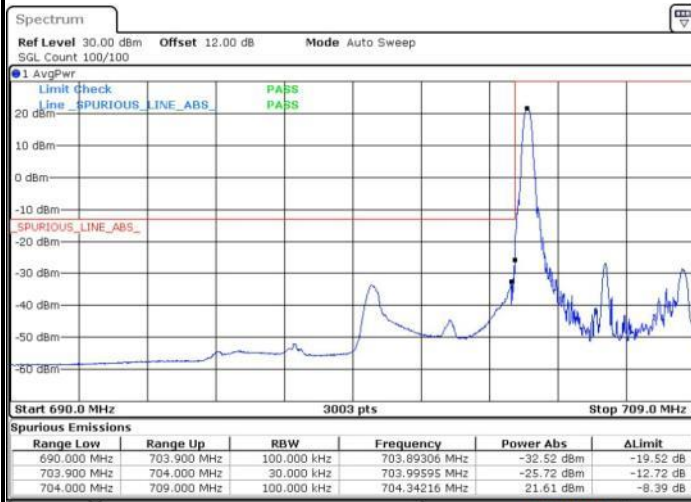


Conducted Band Edge

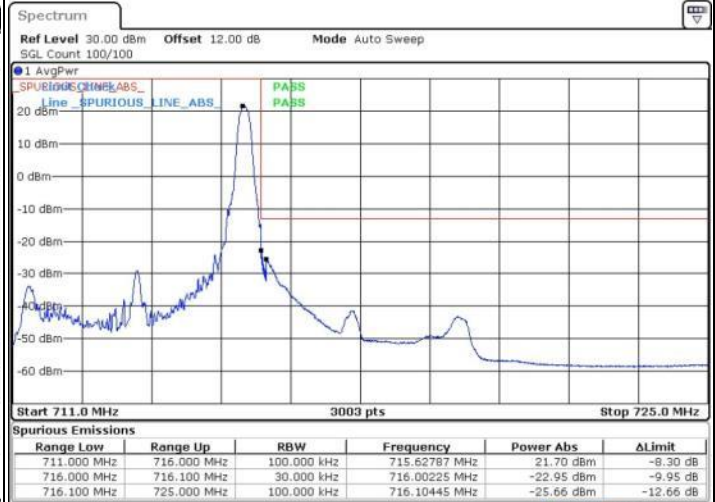


LTE Band 17 / 5MHz / QPSK

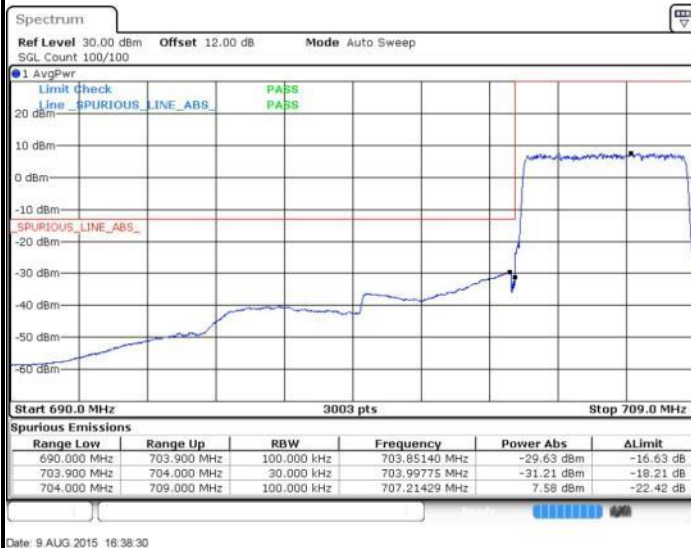
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



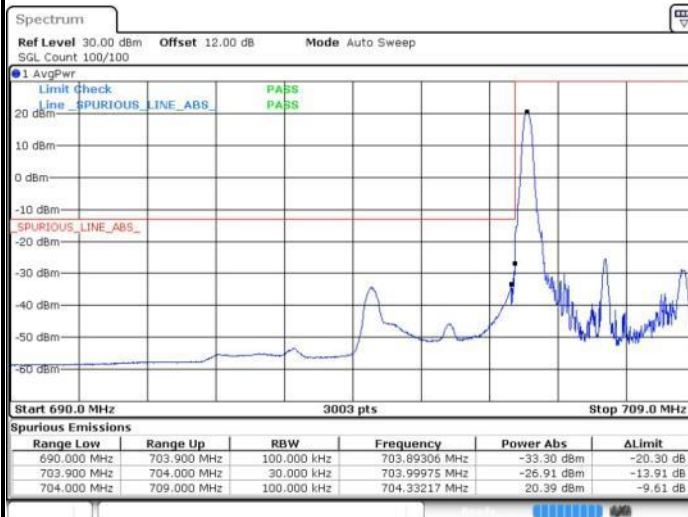
Highest Band Edge / Full RB





LTE Band 17 / 5MHz / 16QAM

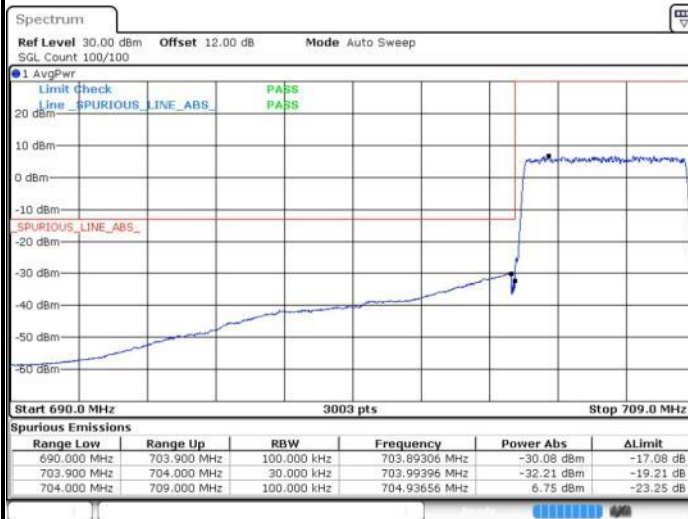
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



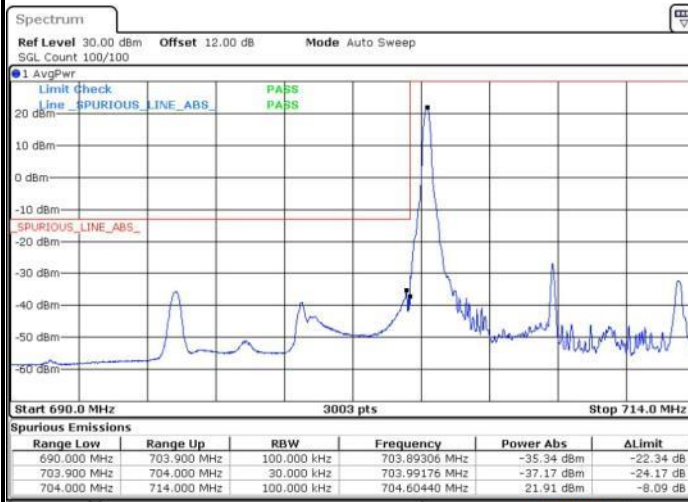
Highest Band Edge / Full RB



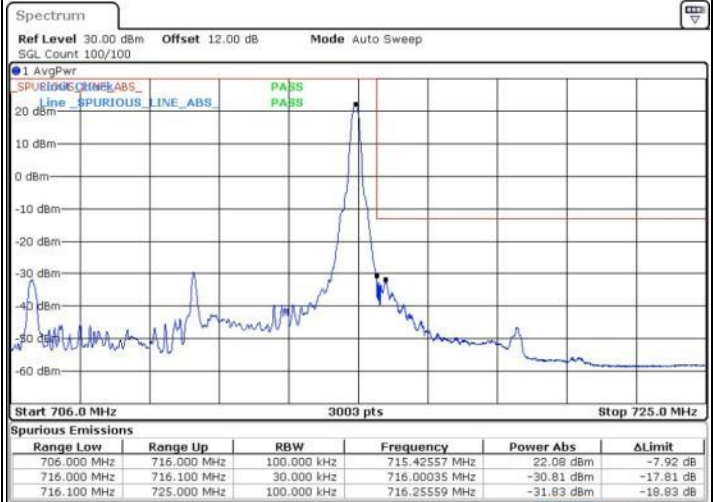


LTE Band 17 / 10MHz / QPSK

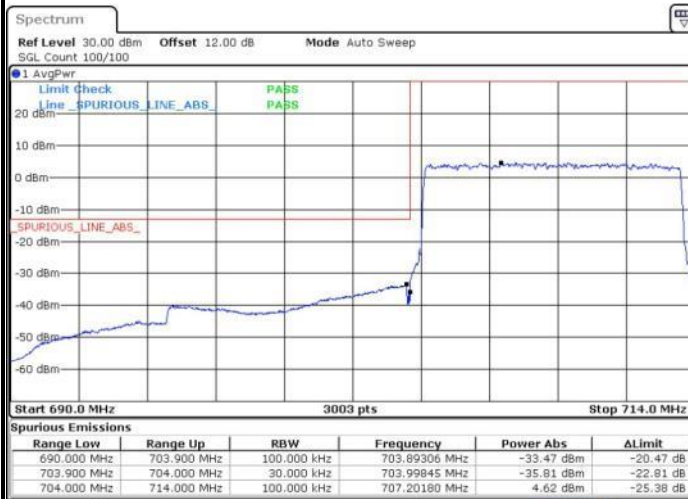
Lowest Band Edge / 1 RB



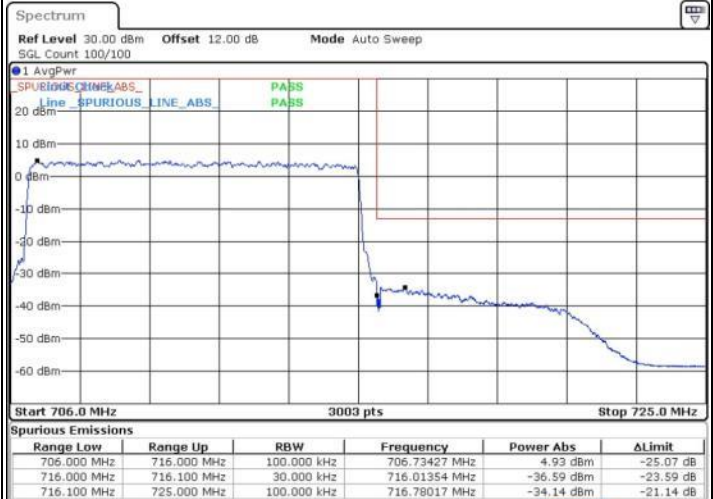
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



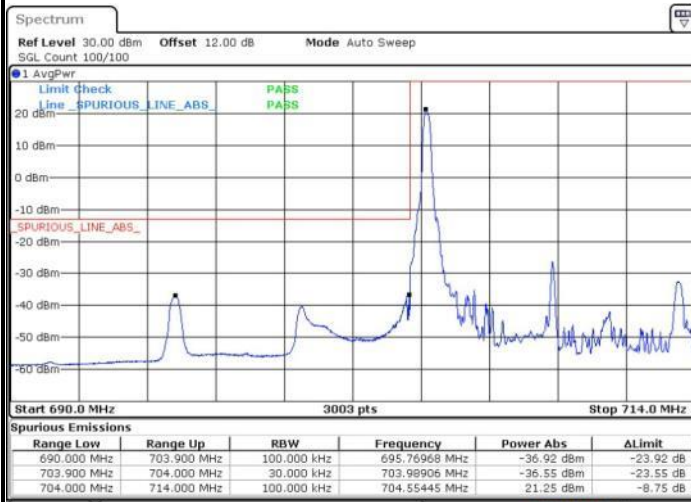
Highest Band Edge / Full RB



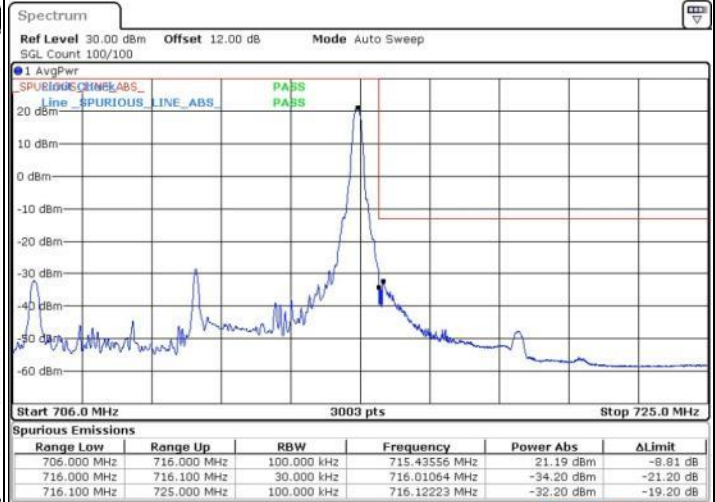


LTE Band 17 / 10MHz / 16QAM

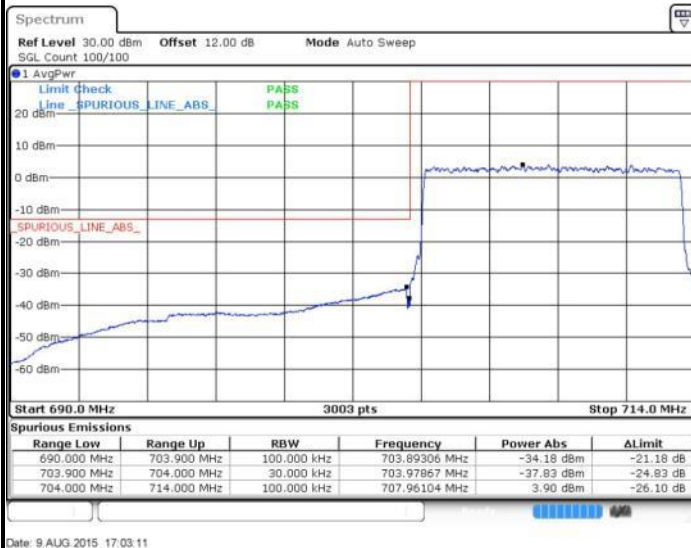
Lowest Band Edge / 1 RB



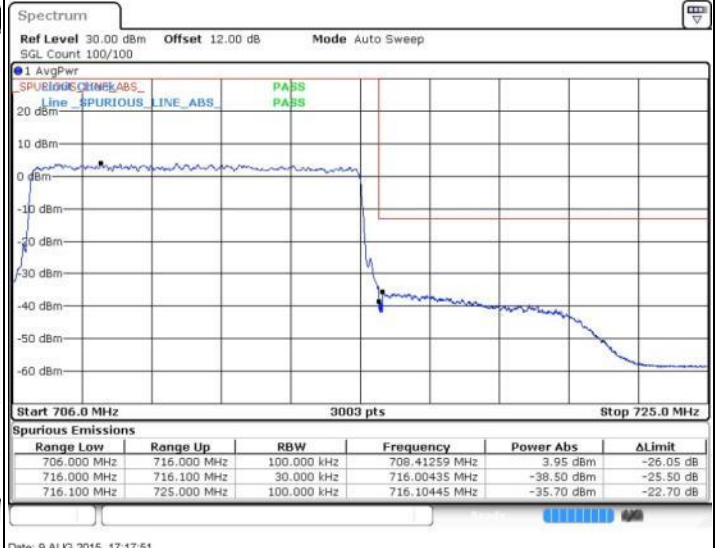
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



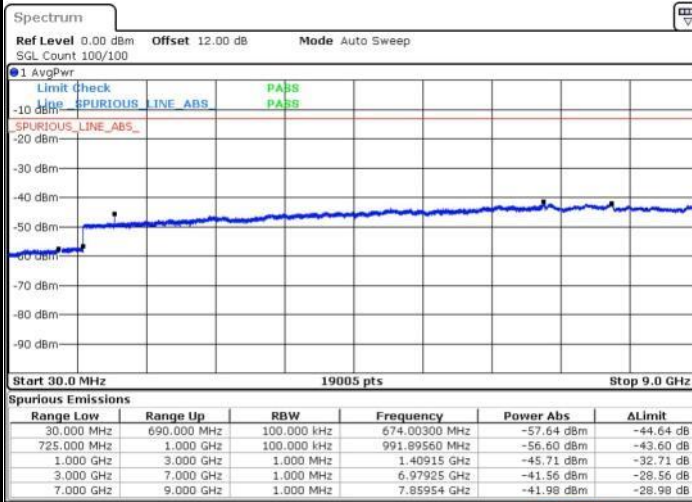


Conducted Spurious Emission



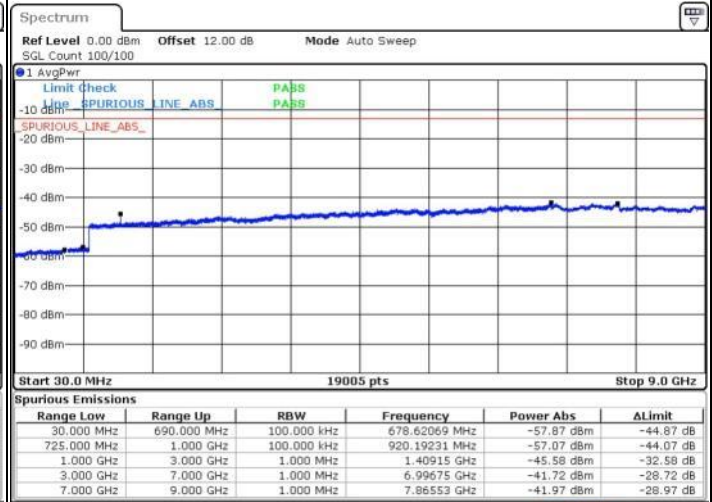
LTE Band 17 / 5MHz

Lowest Channel / QPSK



Date: 9 AUG 2015 16:41:20

Lowest Channel / 16QAM



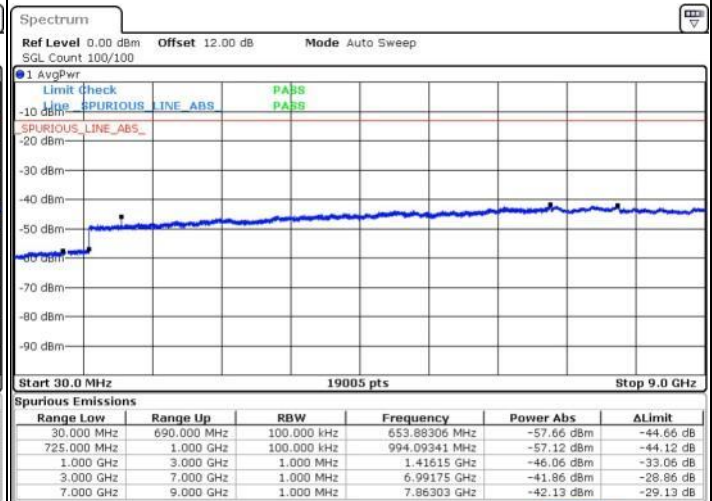
Date: 9 AUG 2015 16:42:14

Middle Channel / QPSK



Date: 9 AUG 2015 16:43:51

Middle Channel / 16QAM

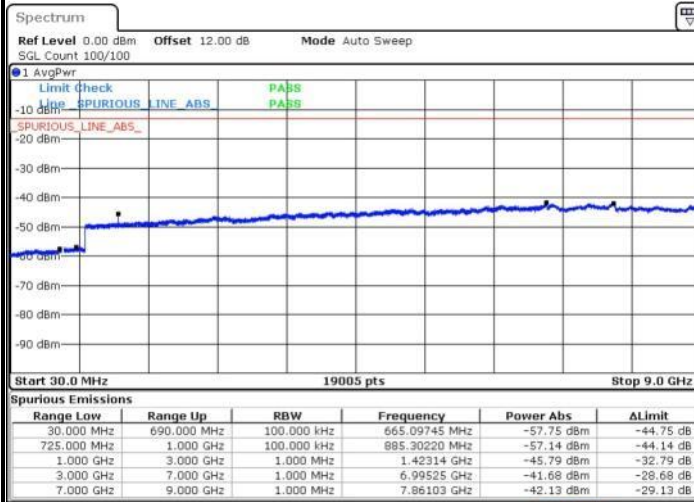


Date: 9 AUG 2015 16:44:45



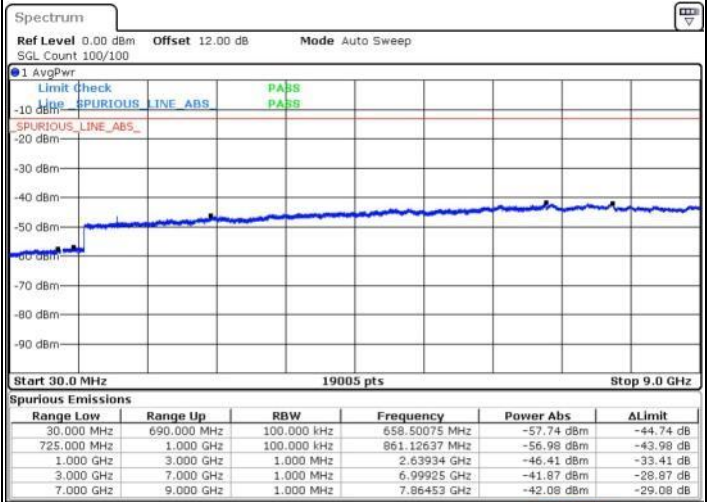
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 9 AUG 2015 16:53:58

Highest Channel / 16QAM



Date: 9 AUG 2015 16:54:53

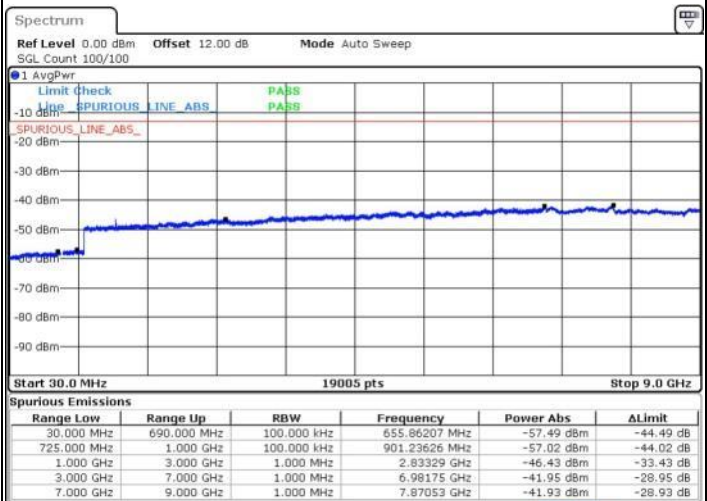
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 9 AUG 2015 17:04:06

Lowest Channel / 16QAM

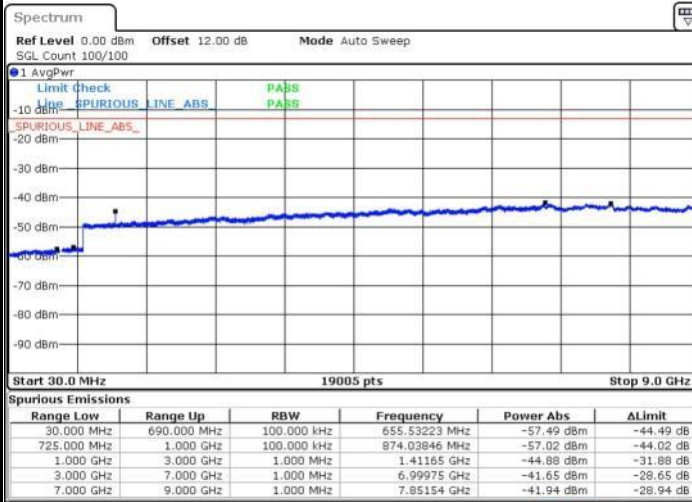


Date: 9 AUG 2015 17:05:01



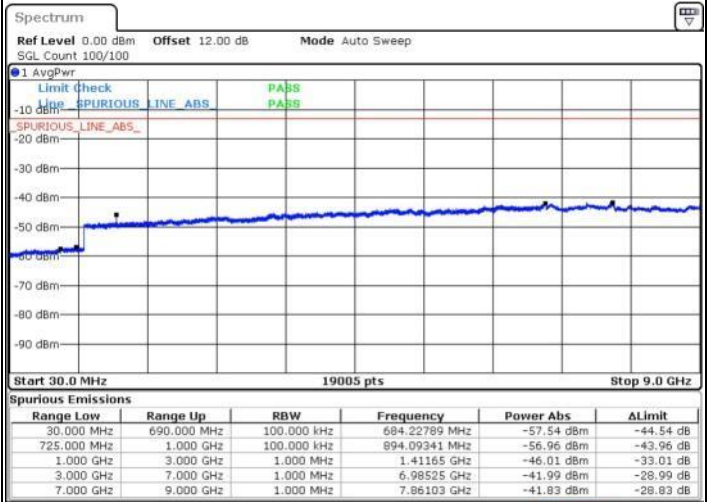
LTE Band 17 / 10MHz

Middle Channel / QPSK



Date: 9 AUG 2015 17:08:37

Middle Channel / 16QAM



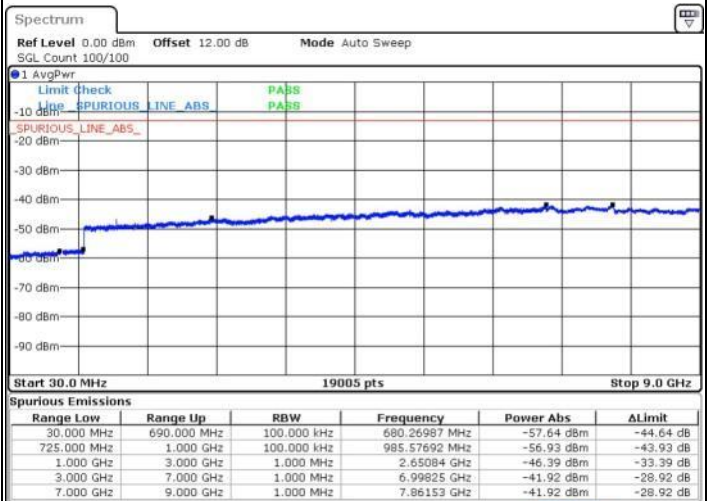
Date: 9 AUG 2015 17:09:32

Highest Channel / QPSK



Date: 9 AUG 2015 17:18:46

Highest Channel / 16QAM



Date: 9 AUG 2015 17:19:40

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0124	PASS
40	Normal Voltage	0.0099	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

ERP/EIRP



LTE Band 2 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	2	23.2300	0.2104	21.4200	0.1387
Middle		1	2	24.0200	0.2523	22.2200	0.1667
Highest		1	2	23.5400	0.2259	22.1500	0.1641
Lowest	16QAM	1	5	22.1800	0.1652	20.3700	0.1089
Middle		1	5	22.7700	0.1892	20.8100	0.1205
Highest		1	5	22.7500	0.1884	21.2500	0.1334
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	23.4200	0.2198	21.8100	0.1517
Middle		1	7	24.2400	0.2655	22.4400	0.1754
Highest		1	7	23.9100	0.2460	22.2900	0.1694
Lowest	16QAM	1	7	22.5300	0.1791	20.6800	0.1169
Middle		1	7	23.4000	0.2188	21.3000	0.1349
Highest		1	7	23.0100	0.2000	21.2000	0.1318
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.1600	0.2070	21.3000	0.1349
Middle		1	0	23.8000	0.2399	21.9700	0.1574
Highest		1	0	23.6600	0.2323	22.1200	0.1629
Lowest	16QAM	1	12	22.3000	0.1698	20.4200	0.1102
Middle		1	12	23.0500	0.2018	21.2100	0.1321
Highest		1	12	22.8600	0.1932	21.4100	0.1384
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.3400	0.2158	21.3100	0.1352
Middle		1	0	23.9400	0.2477	22.1100	0.1626
Highest		1	0	23.8000	0.2399	22.2500	0.1679
Lowest	16QAM	1	0	22.3600	0.1722	20.2600	0.1062
Middle		1	0	22.9400	0.1968	21.1400	0.1300
Highest		1	0	23.0700	0.2028	21.3700	0.1371
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	0	22.8100	0.1910	20.8900	0.1227
Middle		36	0	22.9700	0.1982	21.2400	0.1330
Highest		36	0	22.9200	0.1959	21.2100	0.1321
Lowest	16QAM	1	0	23.6600	0.2323	21.8100	0.1517
Middle		1	0	23.9700	0.2495	22.1400	0.1637
Highest		1	0	23.9300	0.2472	22.3100	0.1702
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.0200	0.2523	22.2400	0.1675
Middle		1	0	24.2900	0.2685	22.5900	0.1816
Highest		1	0	24.1400	0.2594	22.5100	0.1782
Lowest	16QAM	1	0	23.1200	0.2051	21.5000	0.1413
Middle		1	0	23.4200	0.2198	21.7300	0.1489
Highest		1	0	23.3700	0.2173	21.7000	0.1479
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	2	23.5159	0.2247	20.9932	0.1257
Middle		1	2	22.8401	0.1923	19.8120	0.0958
Highest		1	2	23.0377	0.2013	20.4344	0.1105
Lowest	16QAM	1	2	22.3000	0.1698	19.2000	0.0832
Middle		1	2	22.6200	0.1828	19.7100	0.0935
Highest		1	2	22.9600	0.1977	20.4400	0.1107
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	23.2200	0.2099	19.9600	0.0991
Middle		1	7	23.6100	0.2296	20.3500	0.1084
Highest		1	7	23.5600	0.2270	21.1700	0.1309
Lowest	16QAM	1	7	22.0200	0.1592	18.8800	0.0773
Middle		1	7	22.6000	0.1820	19.6600	0.0925
Highest		1	7	23.0400	0.2014	20.2800	0.1067
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.7700	0.1892	19.6500	0.0923
Middle		1	0	23.3800	0.2178	20.2600	0.1062
Highest		1	0	23.5100	0.2244	20.7400	0.1186
Lowest	16QAM	1	12	21.8100	0.1517	18.7700	0.0753
Middle		1	12	22.6200	0.1828	19.4000	0.0871
Highest		1	12	22.7900	0.1901	20.1000	0.1023
Limit	EIRP < 1W			Result		PASS	



LTE Band 4/ 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.7700	0.1892	19.6900	0.0931
Middle		1	0	23.1700	0.2075	20.1500	0.1035
Highest		1	0	23.5000	0.2239	20.5100	0.1125
Lowest	16QAM	1	0	22.0900	0.1618	19.0400	0.0802
Middle		1	0	22.4400	0.1754	19.4700	0.0885
Highest		1	0	22.6600	0.1845	19.6400	0.0920
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.6800	0.1854	19.5300	0.0897
Middle		1	0	23.1900	0.2084	20.1100	0.1026
Highest		1	0	23.3800	0.2178	20.3100	0.1074
Lowest	16QAM	1	37	22.1100	0.1626	19.0000	0.0794
Middle		1	37	22.2400	0.1675	19.5800	0.0908
Highest		1	37	22.4100	0.1742	19.5800	0.0908
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.6900	0.1858	19.6400	0.0920
Middle		1	0	23.3400	0.2158	20.1400	0.1033
Highest		1	0	23.2600	0.2118	20.2500	0.1059
Lowest	16QAM	1	0	22.0400	0.1600	18.8700	0.0771
Middle		1	0	22.5300	0.1791	19.3500	0.0861
Highest		1	0	22.5200	0.1786	19.5100	0.0893
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.3900	0.0548	7.4800	0.0056
Middle		1	0	17.9100	0.0618	7.8100	0.0060
Highest		1	0	17.9500	0.0624	7.6600	0.0058
Lowest	16QAM	1	0	16.6400	0.0461	6.7400	0.0047
Middle		1	0	17.2800	0.0535	6.9000	0.0049
Highest		1	0	17.2200	0.0527	6.9000	0.0049
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	7	17.9500	0.0624	7.6800	0.0059
Middle		1	7	18.3700	0.0687	8.1300	0.0065
Highest		1	7	18.1100	0.0647	7.6800	0.0059
Lowest	16QAM	1	7	16.9300	0.0493	6.9200	0.0049
Middle		1	7	17.4500	0.0556	7.3000	0.0054
Highest		1	7	17.2600	0.0532	6.9300	0.0049
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.3600	0.0545	7.5100	0.0056
Middle		1	0	17.9200	0.0619	7.8400	0.0061
Highest		1	0	17.9700	0.0627	7.7400	0.0059
Lowest	16QAM	1	12	16.9300	0.0493	6.9000	0.0049
Middle		1	12	17.6100	0.0577	7.1400	0.0052
Highest		1	12	17.2900	0.0536	6.9700	0.0050
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.4700	0.0558	7.6500	0.0058
Middle		1	0	17.9700	0.0627	8.0100	0.0063
Highest		1	0	18.0900	0.0644	8.0700	0.0064
Lowest	16QAM	1	0	16.6400	0.0461	6.8400	0.0048
Middle		1	0	17.2400	0.0530	7.2700	0.0053
Highest		1	0	17.3500	0.0543	7.3000	0.0054
Limit	ERP < 7W			Result		PASS	

LTE Band 7 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	6	20.4300	0.1104	19.2200	0.0836
Middle		12	6	20.7700	0.1194	19.2800	0.0847
Highest		12	6	20.8000	0.1202	19.7500	0.0944
Lowest	16QAM	1	12	20.6000	0.1148	19.4600	0.0883
Middle		1	12	20.8200	0.1208	19.2400	0.0839
Highest		1	12	20.7900	0.1199	19.7100	0.0935
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.1294	0.1633	20.7501	0.1189
Middle		1	0	21.7985	0.1513	20.7479	0.1188
Highest		1	0	22.0227	0.1593	21.2223	0.1325
Lowest	16QAM	1	49	21.0400	0.1271	19.5300	0.0897
Middle		1	49	20.6500	0.1161	19.3200	0.0855
Highest		1	49	21.2000	0.1318	19.7200	0.0938
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	21.3600	0.1368	20.0700	0.1016
Middle		1	37	21.4800	0.1406	20.3300	0.1079
Highest		1	37	21.7700	0.1503	20.5400	0.1132
Lowest	16QAM	1	0	20.7400	0.1186	19.5600	0.0904
Middle		1	0	20.8200	0.1208	19.6700	0.0927
Highest		1	0	21.3200	0.1355	19.9300	0.0984
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.6700	0.1469	20.2400	0.1057
Middle		1	0	21.4800	0.1406	20.5300	0.1130
Highest		1	0	21.6600	0.1466	20.6300	0.1156
Lowest	16QAM	1	0	21.0200	0.1265	19.6300	0.0918
Middle		1	0	20.8600	0.1219	19.6900	0.0931
Highest		1	0	21.2700	0.1340	19.9900	0.0998
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	15.2500	0.0335	4.7600	0.0030
Middle		1	0	15.3000	0.0339	4.7700	0.0030
Highest		1	0	16.0300	0.0401	5.4700	0.0035
Lowest	16QAM	1	0	14.5600	0.0286	4.0600	0.0025
Middle		1	0	14.7900	0.0301	4.2500	0.0027
Highest		1	0	15.4400	0.0350	4.7000	0.0030
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	7	15.5259	0.0357	4.6809	0.0029
Middle		1	7	15.7458	0.0375	5.1667	0.0033
Highest		1	7	16.2879	0.0425	4.9700	0.0031
Lowest	16QAM	1	7	14.5800	0.0287	4.0700	0.0026
Middle		1	7	14.7900	0.0301	4.3100	0.0027
Highest		1	7	15.3500	0.0343	4.8400	0.0030
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	15.4600	0.0352	4.7800	0.0030
Middle		1	12	15.4900	0.0354	4.7800	0.0030
Highest		1	12	16.1300	0.0410	5.3600	0.0034
Lowest	16QAM	1	12	14.9400	0.0312	4.0900	0.0026
Middle		1	12	14.7300	0.0297	4.0700	0.0026
Highest		1	12	15.3400	0.0342	4.8300	0.0030
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	15.7600	0.0377	5.1300	0.0033
Middle		1	0	15.7800	0.0378	5.2000	0.0033
Highest		1	0	15.7000	0.0372	5.1500	0.0033
Lowest	16QAM	1	0	14.7200	0.0296	3.9700	0.0025
Middle		1	0	14.9800	0.0315	4.3900	0.0027
Highest		1	0	14.9600	0.0313	4.2300	0.0026
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	15.6026	0.0363	4.8410	0.0030
Middle		1	24	15.8244	0.0382	4.5812	0.0029
Highest		1	24	15.8283	0.0383	4.5627	0.0029
Lowest	16QAM	1	24	14.9100	0.0310	4.1700	0.0026
Middle		1	24	15.0800	0.0322	4.3800	0.0027
Highest		1	24	14.3600	0.0273	3.6700	0.0023
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	15.7500	0.0376	5.2100	0.0033
Middle		1	0	15.7100	0.0372	5.2300	0.0033
Highest		1	0	15.7500	0.0376	5.1900	0.0033
Lowest	16QAM	1	49	14.9300	0.0311	4.2500	0.0027
Middle		1	49	15.0500	0.0320	4.2700	0.0027
Highest		1	49	14.5400	0.0284	3.6000	0.0023
Limit	ERP < 3W			Result		PASS	

**Radiated Spurious Emission**

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-57.02	-13	-44.02	-76.24	-63.59	1.67	8.24	H
	5550	-54.40	-13	-41.40	-78.46	-61.47	2.65	9.72	H
	7400	-52.64	-13	-39.64	-78.72	-61.78	2.46	11.60	H
	3700	-57.45	-13	-44.45	-77.42	-64.02	1.67	8.24	V
	5550	-53.11	-13	-40.11	-78.57	-60.18	2.65	9.72	V
	7400	-50.98	-13	-37.98	-78.74	-60.12	2.46	11.60	V
Middle	3756	-57.74	-13	-44.74	-76.86	-64.36	1.68	8.31	H
	5637	-54.04	-13	-41.04	-78.54	-61.09	2.70	9.75	H
	7517	-52.36	-13	-39.36	-78.91	-61.75	2.42	11.81	H
	3756	-57.41	-13	-44.41	-77.41	-64.03	1.68	8.31	V
	5637	-53.16	-13	-40.16	-78.37	-60.21	2.70	9.75	V
	7517	-50.25	-13	-37.25	-78.78	-59.64	2.42	11.81	V
Highest	3817	-54.64	-13	-41.64	-77.24	-61.32	1.70	8.38	H
	5725	-52.20	-13	-39.20	-78.65	-59.24	2.75	9.79	H
	7634	-49.47	-13	-36.47	-78.62	-58.96	2.39	11.88	H
	3817	-53.91	-13	-40.91	-77.27	-60.59	1.70	8.38	V
	5725	-50.69	-13	-37.69	-78.56	-57.73	2.75	9.79	V
	7634	-47.53	-13	-34.53	-78.35	-57.023	2.39	11.88	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-57.95	-13	-44.95	-77.1	-64.52	1.67	8.24	H
	5550	-53.77	-13	-40.77	-78.07	-60.84	2.65	9.72	H
	7400	-51.78	-13	-38.78	-77.97	-60.92	2.46	11.60	H
	3700	-56.95	-13	-43.95	-76.95	-63.52	1.67	8.24	V
	5550	-52.15	-13	-39.15	-77.97	-59.22	2.65	9.72	V
	7400	-50.19	-13	-37.19	-78.16	-59.33	2.46	11.60	V
Middle	3757	-57.35	-13	-44.35	-76.46	-63.97	1.68	8.31	H
	5635	-54.07	-13	-41.07	-78.34	-61.12	2.70	9.75	H
	7514	-52.37	-13	-39.37	-78.77	-61.75	2.42	11.81	H
	3757	-56.96	-13	-43.96	-77.24	-63.58	1.68	8.31	V
	5635	-53.22	-13	-40.22	-78.44	-60.27	2.70	9.75	V
	7514	-50.25	-13	-37.25	-78.65	-59.63	2.42	11.81	V
Highest	3814	-53.85	-13	-40.85	-76.67	-60.52	1.70	8.38	H
	5721	-51.08	-13	-38.08	-77.94	-58.12	2.75	9.79	H
	7628	-48.54	-13	-35.54	-77.85	-58.03	2.39	11.88	H
	3814	-52.96	-13	-39.96	-76.33	-59.63	1.70	8.38	V
	5721	-49.82	-13	-36.82	-77.78	-56.86	2.75	9.79	V
	7628	-46.69	-13	-33.69	-77.8	-56.18	2.39	11.88	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-57.71	-13	-44.71	-76.79	-64.28	1.67	8.24	H
	5550	-54.40	-13	-41.40	-78.41	-61.47	2.65	9.72	H
	7400	-52.89	-13	-39.89	-78.66	-62.03	2.46	11.60	H
	3700	-57.01	-13	-44.01	-77.19	-63.58	1.67	8.24	V
	5550	-53.34	-13	-40.34	-78.46	-60.41	2.65	9.72	V
	7400	-50.99	-13	-37.99	-78.6	-60.13	2.46	11.60	V
Middle	3755	-57.53	-13	-44.53	-76.96	-64.15	1.68	8.31	H
	5632	-54.43	-13	-41.43	-78.34	-61.48	2.70	9.75	H
	7510	-52.11	-13	-39.11	-78.7	-61.49	2.43	11.81	H
	3755	-57.34	-13	-44.34	-77.1	-63.96	1.68	8.31	V
	5632	-53.19	-13	-40.19	-78.46	-60.24	2.70	9.75	V
	7510	-50.74	-13	-37.74	-78.79	-60.12	2.43	11.81	V
Highest	3810	-53.91	-13	-40.91	-76.85	-60.58	1.70	8.37	H
	5715	-51.59	-13	-38.59	-78.6	-58.63	2.75	9.79	H
	7620	-49.69	-13	-36.69	-79.03	-59.17	2.39	11.87	H
	3810	-53.98	-13	-40.98	-77.23	-60.65	1.70	8.37	V
	5715	-50.20	-13	-37.20	-78.44	-57.24	2.75	9.79	V
	7620	-48.01	-13	-35.01	-78.88	-57.49	2.39	11.87	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-57.67	-13	-44.67	-76.5	-64.24	1.67	8.24	H
	5550	-54.40	-13	-41.40	-78.5	-61.47	2.65	9.72	H
	7400	-52.35	-13	-39.35	-78.72	-61.49	2.46	11.60	H
	3700	-57.46	-13	-44.46	-77.32	-64.03	1.67	8.24	V
	5550	-53.05	-13	-40.05	-78.47	-60.12	2.65	9.72	V
	7400	-51.00	-13	-38.00	-78.66	-60.14	2.46	11.60	V
Middle	3750	-57.63	-13	-44.63	-77.01	-64.25	1.68	8.30	H
	5625	-53.08	-13	-40.08	-77.9	-60.13	2.70	9.75	H
	7500	-52.11	-13	-39.11	-78.45	-61.48	2.43	11.80	H
	3750	-56.65	-13	-43.65	-76.66	-63.27	1.68	8.30	V
	5625	-52.08	-13	-39.08	-77.65	-59.13	2.70	9.75	V
	7500	-49.87	-13	-36.87	-78.05	-59.24	2.43	11.80	V
Highest	3800	-54.69	-13	-41.69	-77.22	-61.35	1.70	8.36	H
	5700	-51.23	-13	-38.23	-78.29	-58.27	2.74	9.78	H
	7600	-49.86	-13	-36.86	-78.87	-59.32	2.40	11.86	H
	3800	-54.03	-13	-41.03	-77.25	-60.69	1.70	8.36	V
	5700	-50.58	-13	-37.58	-78.24	-57.62	2.74	9.78	V
	7600	-47.70	-13	-34.70	-79.05	-57.16	2.40	11.86	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-57.68	-13	-44.68	-76.52	-64.25	1.67	8.24	H
	5550	-54.56	-13	-41.56	-78.5	-61.63	2.65	9.72	H
	7400	-52.95	-13	-39.95	-78.65	-62.09	2.46	11.60	H
	3700	-57.75	-13	-44.75	-77.52	-64.32	1.67	8.24	V
	5550	-52.95	-13	-39.95	-78.34	-60.02	2.65	9.72	V
	7400	-50.94	-13	-37.94	-78.81	-60.08	2.46	11.60	V
Middle	3745	-57.91	-13	-44.91	-77.23	-64.52	1.68	8.29	H
	5618	-54.19	-13	-41.19	-78.43	-61.24	2.69	9.75	H
	7490	-52.47	-13	-39.47	-78.72	-61.82	2.43	11.78	H
	3745	-57.60	-13	-44.60	-77.56	-64.21	1.68	8.29	V
	5618	-53.10	-13	-40.10	-78.2	-60.15	2.69	9.75	V
	7490	-50.51	-13	-37.51	-78.86	-59.86	2.43	11.78	V
Highest	3790	-54.53	-13	-41.53	-76.76	-61.18	1.70	8.35	H
	5685	-51.68	-13	-38.68	-78.72	-58.72	2.73	9.77	H
	7580	-49.88	-13	-36.88	-79.08	-59.32	2.40	11.85	H
	3790	-54.07	-13	-41.07	-76.95	-60.72	1.70	8.35	V
	5685	-50.59	-13	-37.59	-78.37	-57.63	2.73	9.77	V
	7580	-48.10	-13	-35.10	-79.19	-57.54	2.40	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-56.95	-13	-43.95	-76.18	-63.52	1.67	8.24	H
	5550	-54.42	-13	-41.42	-78.49	-61.49	2.65	9.72	H
	7400	-52.40	-13	-39.40	-78.63	-61.54	2.46	11.60	H
	3700	-57.46	-13	-44.46	-77.27	-64.03	1.67	8.24	V
	5550	-53.38	-13	-40.38	-78.63	-60.45	2.65	9.72	V
	7400	-51.05	-13	-38.05	-78.87	-60.19	2.46	11.60	V
Middle	3740	-57.97	-13	-44.97	-77.18	-64.58	1.68	8.29	H
	5610	-53.96	-13	-40.96	-78.32	-61.02	2.69	9.74	H
	7480	-52.77	-13	-39.77	-78.98	-62.09	2.44	11.76	H
	3740	-57.64	-13	-44.64	-77.59	-64.25	1.68	8.29	V
	5610	-52.58	-13	-39.58	-78.42	-59.64	2.69	9.74	V
	7480	-51.11	-13	-38.11	-78.92	-60.43	2.44	11.76	V
Highest	3780	-54.95	-13	-41.95	-77.36	-61.59	1.69	8.34	H
	5670	-51.47	-13	-38.47	-78.63	-58.52	2.72	9.77	H
	7560	-50.20	-13	-37.20	-79.11	-59.63	2.41	11.84	H
	3780	-54.75	-13	-41.75	-77.36	-61.39	1.69	8.34	V
	5670	-50.64	-13	-37.64	-78.66	-57.69	2.72	9.77	V
	7560	-48.50	-13	-35.50	-79.32	-57.93	2.41	11.84	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-59.04	-13	-46.04	-76.74	-65.11	1.58	7.65	H
	5130	-55.07	-13	-42.07	-78.52	-62.36	2.41	9.70	H
	6840	-52.02	-13	-39.02	-78.31	-59.99	2.64	10.61	H
	3420	-58.12	-13	-45.12	-77.12	-64.19	1.58	7.65	V
	5130	-54.26	-13	-41.26	-78.7	-61.55	2.41	9.70	V
	6840	-51.02	-13	-38.02	-78.59	-58.99	2.64	10.61	V
Middle	3462	-59.12	-13	-46.12	-76.88	-65.36	1.59	7.83	H
	5195	-54.94	-13	-41.94	-78.45	-62.19	2.45	9.70	H
	6927	-52.56	-13	-39.56	-78.71	-60.66	2.61	10.71	H
	3462	-57.87	-13	-44.87	-76.89	-64.11	1.59	7.83	V
	5195	-53.96	-13	-40.96	-78.51	-61.21	2.45	9.70	V
	6927	-51.23	-13	-38.23	-78.59	-59.33	2.61	10.71	V
Highest	3504	-59.37	-13	-46.37	-76.94	-65.77	1.61	8.00	H
	5261	-54.12	-13	-41.12	-78.27	-61.33	2.49	9.70	H
	7018	-53.52	-13	-40.52	-78.73	-61.77	2.58	10.84	H
	3504	-57.71	-13	-44.71	-76.85	-64.11	1.61	8.00	V
	5261	-53.31	-13	-40.31	-78.41	-60.52	2.49	9.70	V
	7018	-51.01	-13	-38.01	-78.71	-59.26	2.58	10.84	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-59.35	-13	-46.35	-77.04	-65.42	1.58	7.65	H
	5130	-54.73	-13	-41.73	-78.23	-62.02	2.41	9.70	H
	6840	-52.02	-13	-39.02	-78.23	-59.99	2.64	10.61	H
	3420	-57.95	-13	-44.95	-76.94	-64.02	1.58	7.65	V
	5130	-54.24	-13	-41.24	-78.69	-61.53	2.41	9.70	V
	6840	-50.91	-13	-37.91	-78.35	-58.88	2.64	10.61	V
Middle	3462	-59.05	-13	-46.05	-76.77	-65.29	1.59	7.83	H
	5193	-54.87	-13	-41.87	-78.27	-62.12	2.45	9.70	H
	6924	-52.24	-13	-39.24	-78.52	-60.33	2.62	10.71	H
	3462	-57.87	-13	-44.87	-76.82	-64.11	1.59	7.83	V
	5193	-53.97	-13	-40.97	-78.46	-61.22	2.45	9.70	V
	6924	-51.24	-13	-38.24	-78.62	-59.33	2.62	10.71	V
Highest	3504	-58.79	-13	-45.79	-76.54	-65.19	1.61	8.00	H
	5254	-53.81	-13	-40.81	-78.03	-61.03	2.48	9.70	H
	7011	-52.15	-13	-39.15	-78.37	-60.39	2.59	10.82	H
	3504	-57.66	-13	-44.66	-76.71	-64.06	1.61	8.00	V
	5254	-53.11	-13	-40.11	-78.33	-60.33	2.48	9.70	V
	7011	-50.98	-13	-37.98	-78.35	-59.22	2.59	10.82	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-59.25	-13	-46.25	-76.91	-65.32	1.58	7.65	H
	5130	-55.04	-13	-42.04	-78.54	-62.33	2.41	9.70	H
	6840	-51.05	-13	-38.05	-78.17	-59.02	2.64	10.61	H
	3420	-58.15	-13	-45.15	-76.98	-64.22	1.58	7.65	V
	5130	-54.37	-13	-41.37	-78.7	-61.66	2.41	9.70	V
	6840	-50.58	-13	-37.58	-78.07	-58.55	2.64	10.61	V
Middle	3460	-59.14	-13	-46.14	-76.81	-65.37	1.59	7.82	H
	5190	-54.97	-13	-41.97	-78.47	-62.22	2.45	9.70	H
	6920	-51.93	-13	-38.93	-78.12	-60.02	2.62	10.70	H
	3460	-57.79	-13	-44.79	-76.71	-64.02	1.59	7.82	V
	5190	-53.77	-13	-40.77	-78.2	-61.02	2.45	9.70	V
	6920	-51.03	-13	-38.03	-78.4	-59.12	2.62	10.70	V
Highest	3497	-58.95	-13	-45.95	-76.7	-65.33	1.60	7.99	H
	5254	-53.86	-13	-40.86	-78.07	-61.08	2.48	9.70	H
	7004	-52.44	-13	-39.44	-78.53	-60.66	2.59	10.81	H
	3497	-57.64	-13	-44.64	-76.7	-64.02	1.60	7.99	V
	5254	-53.46	-13	-40.46	-78.39	-60.68	2.48	9.70	V
	7004	-51.11	-13	-38.11	-78.4	-59.33	2.59	10.81	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-59.59	-13	-46.59	-77.02	-65.66	1.58	7.65	H
	5130	-55.14	-13	-42.14	-78.64	-62.43	2.41	9.70	H
	6840	-52.25	-13	-39.25	-78.53	-60.22	2.64	10.61	H
	3420	-58.04	-13	-45.04	-76.99	-64.11	1.58	7.65	V
	5130	-53.73	-13	-40.73	-78.32	-61.02	2.41	9.70	V
	6840	-51.02	-13	-38.02	-78.52	-58.99	2.64	10.61	V
Middle	3455	-59.01	-13	-46.01	-76.69	-65.22	1.59	7.80	H
	5184	-54.95	-13	-41.95	-78.32	-62.21	2.44	9.70	H
	6910	-52.15	-13	-39.15	-78.48	-60.22	2.62	10.69	H
	3455	-57.81	-13	-44.81	-76.7	-64.02	1.59	7.80	V
	5184	-53.85	-13	-40.85	-78.41	-61.11	2.44	9.70	V
	6910	-51.14	-13	-38.14	-78.65	-59.21	2.62	10.69	V
Highest	3490	-59.16	-13	-46.16	-76.88	-65.51	1.60	7.96	H
	5233	-54.54	-13	-41.54	-78.32	-61.77	2.47	9.70	H
	6983	-52.04	-13	-39.04	-78.34	-60.22	2.60	10.78	H
	3490	-57.87	-13	-44.87	-76.87	-64.22	1.60	7.96	V
	5233	-53.65	-13	-40.65	-78.39	-60.88	2.47	9.70	V
	6983	-50.93	-13	-37.93	-78.16	-59.11	2.60	10.78	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-59.44	-13	-46.44	-77.11	-65.51	1.58	7.65	H
	5130	-55.37	-13	-42.37	-78.65	-62.66	2.41	9.70	H
	6840	-52.47	-13	-39.47	-78.77	-60.44	2.64	10.61	H
	3420	-57.95	-13	-44.95	-76.88	-64.02	1.58	7.65	V
	5130	-54.48	-13	-41.48	-78.9	-61.77	2.41	9.70	V
	6840	-51.26	-13	-38.26	-78.82	-59.23	2.64	10.61	V
Middle	3448	-59.38	-13	-46.38	-77.03	-65.56	1.59	7.77	H
	5175	-54.96	-13	-41.96	-78.43	-62.22	2.44	9.70	H
	6900	-53.82	-13	-40.82	-78.88	-61.88	2.62	10.68	H
	3448	-58.15	-13	-45.15	-76.99	-64.33	1.59	7.77	V
	5175	-53.96	-13	-40.96	-78.5	-61.22	2.44	9.70	V
	6900	-51.05	-13	-38.05	-78.56	-59.11	2.62	10.68	V
Highest	3480	-59.35	-13	-46.35	-77.03	-65.66	1.60	7.91	H
	5220	-55.15	-13	-42.15	-78.8	-62.39	2.46	9.70	H
	6960	-52.42	-13	-39.42	-78.57	-60.57	2.60	10.75	H
	3480	-57.91	-13	-44.91	-77.01	-64.22	1.60	7.91	V
	5220	-53.78	-13	-40.78	-78.37	-61.02	2.46	9.70	V
	6960	-51.07	-13	-38.07	-78.46	-59.22	2.60	10.75	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-59.13	-13	-46.13	-77.28	-65.2	1.58	7.65	H
	5130	-52.11	-13	-39.11	-78.9	-59.4	2.41	9.70	H
	6840	-52.23	-13	-39.23	-78.76	-60.2	2.64	10.61	H
	3420	-58.13	-13	-45.13	-77.27	-64.2	1.58	7.65	V
	5130	-54.21	-13	-41.21	-78.86	-61.5	2.41	9.70	V
	6840	-51.13	-13	-38.13	-78.59	-59.1	2.64	10.61	V
Middle	3448	-59.48	-13	-46.48	-77.07	-65.66	1.59	7.77	H
	5167	-55.17	-13	-42.17	-78.59	-62.44	2.43	9.70	H
	6890	-52.53	-13	-39.53	-78.64	-60.57	2.63	10.67	H
	3448	-59.11	-13	-46.11	-77.12	-65.29	1.59	7.77	V
	5167	-54.28	-13	-41.28	-78.75	-61.55	2.43	9.70	V
	6890	-51.29	-13	-38.29	-78.71	-59.33	2.63	10.67	V
Highest	3470	-59.39	-13	-46.39	-77.04	-65.66	1.59	7.87	H
	5205	-54.88	-13	-41.88	-78.36	-62.12	2.46	9.70	H
	6940	-52.65	-13	-39.65	-78.8	-60.77	2.61	10.73	H
	3470	-57.94	-13	-44.94	-76.99	-64.21	1.59	7.87	V
	5205	-54.09	-13	-41.09	-78.59	-61.33	2.46	9.70	V
	6940	-51.49	-13	-38.49	-78.63	-59.61	2.61	10.73	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-63.84	-13	-50.84	-75.09	-65.6	0.98	4.89	H
	2472	-59.42	-13	-46.42	-76.06	-61.3	1.28	5.32	H
	3296	-59.09	-13	-46.09	-77.04	-62.5	1.54	7.10	H
	1648	-63.04	-13	-50.04	-75.05	-64.8	0.98	4.89	V
	2472	-58.12	-13	-45.12	-75.36	-60	1.28	5.32	V
	3296	-57.89	-13	-44.89	-76.99	-61.3	1.54	7.10	V
Middle	1672	-64.22	-13	-51.22	-75.43	-65.9	0.99	4.82	H
	2504	-58.64	-13	-45.64	-75.27	-60.6	1.29	5.40	H
	3344	-59.69	-13	-46.69	-76.97	-63.3	1.56	7.31	H
	1672	-63.42	-13	-50.42	-75.28	-65.1	0.99	4.82	V
	2504	-57.34	-13	-44.34	-75.33	-59.3	1.29	5.40	V
	3344	-57.79	-13	-44.79	-76.84	-61.4	1.56	7.31	V
Highest	1696	-63.50	-13	-50.50	-75.6	-65.1	1.00	4.75	H
	2543	-59.22	-13	-46.22	-75.76	-61.2	1.30	5.43	H
	3391	-59.50	-13	-46.50	-77.29	-63.3	1.57	7.52	H
	1696	-63.00	-13	-50.00	-75.49	-64.6	1.00	4.75	V
	2544	-57.12	-13	-44.12	-75.32	-59.1	1.30	5.44	V
	3391	-58.70	-13	-45.70	-77.29	-62.5	1.57	7.52	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-64.34	-13	-51.34	-75.26	-66.1	0.98	4.89	H
	2472	-59.02	-13	-46.02	-75.66	-60.9	1.28	5.32	H
	3296	-59.49	-13	-46.49	-77.06	-62.9	1.54	7.10	H
	1648	-63.44	-13	-50.44	-75.11	-65.2	0.98	4.89	V
	2472	-56.72	-13	-43.72	-74.46	-58.6	1.28	5.32	V
	3296	-58.29	-13	-45.29	-77.11	-61.7	1.54	7.10	V
Middle	1672	-64.42	-13	-51.42	-75.55	-66.1	0.99	4.82	H
	2504	-58.74	-13	-45.74	-75.13	-60.7	1.29	5.40	H
	3340	-59.71	-13	-46.71	-77.17	-63.3	1.55	7.30	H
	1672	-63.12	-13	-50.12	-75.21	-64.8	0.99	4.82	V
	2504	-56.84	-13	-43.84	-74.7	-58.8	1.29	5.40	V
	3340	-58.01	-13	-45.01	-77.09	-61.6	1.55	7.30	V
Highest	1696	-64.10	-13	-51.10	-75.58	-65.7	1.00	4.75	H
	2544	-59.62	-13	-46.62	-76.24	-61.6	1.30	5.44	H
	3392	-59.80	-13	-46.80	-77.1	-63.6	1.57	7.52	H
	1696	-63.00	-13	-50.00	-75.4	-64.6	1.00	4.75	V
	2544	-56.62	-13	-43.62	-74.81	-58.6	1.30	5.44	V
	3392	-58.20	-13	-45.20	-77.14	-62	1.57	7.52	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-64.34	-13	-51.34	-75.24	-66.1	0.98	4.89	H
	2472	-57.02	-13	-44.02	-73.44	-58.9	1.28	5.32	H
	3296	-59.09	-13	-46.09	-77.12	-62.5	1.54	7.10	H
	1648	-63.84	-13	-50.84	-75.34	-65.6	0.98	4.89	V
	2472	-55.02	-13	-42.02	-72.67	-56.9	1.28	5.32	V
	3296	-58.29	-13	-45.29	-77.2	-61.7	1.54	7.10	V
Middle	1668	-64.11	-13	-51.11	-75.42	-65.8	0.99	4.83	H
	2504	-56.94	-13	-43.94	-73.67	-58.9	1.29	5.40	H
	3336	-59.72	-13	-46.72	-77.21	-63.3	1.55	7.28	H
	1668	-62.21	-13	-49.21	-75.58	-63.9	0.99	4.83	V
	2504	-53.24	-13	-40.24	-71.57	-55.2	1.29	5.40	V
	3336	-58.22	-13	-45.22	-77.22	-61.8	1.55	7.28	V
Highest	1688	-63.57	-13	-50.57	-75.1	-65.2	1.00	4.77	H
	2536	-56.42	-13	-43.42	-73.27	-58.4	1.30	5.43	H
	3376	-59.86	-13	-46.86	-77.35	-63.6	1.57	7.45	H
	1688	-63.07	-13	-50.07	-75.06	-64.7	1.00	4.77	V
	2536	-56.12	-13	-43.12	-74.13	-58.1	1.30	5.43	V
	3376	-58.46	-13	-45.46	-77.45	-62.2	1.57	7.45	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-63.84	-13	-50.84	-74.9	-65.6	0.98	4.89	H
	2472	-60.12	-13	-47.12	-76.27	-62	1.28	5.32	H
	3296	-59.69	-13	-46.69	-77.05	-63.1	1.54	7.10	H
	1648	-62.94	-13	-49.94	-74.82	-64.7	0.98	4.89	V
	2472	-58.32	-13	-45.32	-76.15	-60.2	1.28	5.32	V
	3296	-58.39	-13	-45.39	-77.16	-61.8	1.54	7.10	V
Middle	1664	-63.89	-13	-50.89	-75.01	-65.6	0.98	4.84	H
	2495	-59.45	-13	-46.45	-76.28	-61.4	1.29	5.39	H
	3326	-59.37	-13	-46.37	-77.17	-62.9	1.55	7.23	H
	1664	-63.89	-13	-50.89	-75.38	-65.6	0.98	4.84	V
	2496	-57.25	-13	-44.25	-74.99	-59.2	1.29	5.39	V
	3326	-58.37	-13	-45.37	-77.05	-61.9	1.55	7.23	V
Highest	1678	-64.24	-13	-51.24	-75.53	-65.9	0.99	4.80	H
	2520	-58.63	-13	-45.63	-75.06	-60.6	1.30	5.42	H
	3356	-59.44	-13	-46.44	-77.07	-63.1	1.56	7.37	H
	1678	-63.54	-13	-50.54	-75.46	-65.2	0.99	4.80	V
	2520	-56.63	-13	-43.63	-74.46	-58.6	1.30	5.42	V
	3356	-58.04	-13	-45.04	-77.05	-61.7	1.56	7.37	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-54.75	-25	-29.75	-78.25	-62.11	2.34	9.70	H
	7508	-51.35	-25	-26.35	-78.25	-60.73	2.43	11.80	H
	10010	-51.37	-25	-26.37	-79.2	-60.88	2.70	12.20	H
	5004	-53.75	-25	-28.75	-77.93	-61.11	2.34	9.70	V
	7508	-49.91	-25	-24.91	-78.57	-59.29	2.43	11.80	V
	10010	-48.82	-25	-23.82	-79.3	-58.33	2.70	12.20	V
Middle	5064	-54.69	-25	-29.69	-78.07	-62.02	2.37	9.70	H
	7605	-51.41	-25	-26.41	-78.7	-60.88	2.40	11.86	H
	10140	-50.99	-25	-25.99	-79.3	-60.55	2.70	12.26	H
	5064	-53.69	-25	-28.69	-78.2	-61.02	2.37	9.70	V
	7608	-49.65	-25	-24.65	-78.82	-59.12	2.39	11.86	V
	10140	-48.46	-25	-23.46	-79.33	-58.02	2.70	12.26	V
Highest	5136	-54.49	-25	-29.49	-77.77	-61.77	2.42	9.70	H
	7704	-50.66	-25	-25.66	-78.1	-60.22	2.36	11.92	H
	10274	-50.44	-25	-25.44	-79.04	-60.06	2.69	12.31	H
	5136	-53.49	-25	-28.49	-77.96	-60.77	2.42	9.70	V
	7704	-48.96	-25	-23.96	-77.92	-58.52	2.36	11.92	V
	10274	-47.82	-25	-22.82	-79.09	-57.44	2.69	12.31	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-54.75	-25	-29.75	-78.28	-62.11	2.34	9.70	H
	7512	-51.84	-25	-26.84	-78.43	-61.22	2.43	11.81	H
	10020	-51.51	-25	-26.51	-79.32	-61.02	2.70	12.21	H
	5004	-53.86	-25	-28.86	-78.3	-61.22	2.34	9.70	V
	7512	-49.95	-25	-24.95	-78.48	-59.33	2.43	11.81	V
	10020	-48.61	-25	-23.61	-78.95	-58.12	2.70	12.21	V
Middle	5064	-54.78	-25	-29.78	-78.2	-62.11	2.37	9.70	H
	7608	-50.92	-25	-25.92	-78.51	-60.39	2.39	11.86	H
	10128	-50.95	-25	-25.95	-79.27	-60.51	2.70	12.25	H
	5064	-53.78	-25	-28.78	-78.2	-61.11	2.37	9.70	V
	7608	-49.22	-25	-24.22	-78.48	-58.69	2.39	11.86	V
	10128	-48.46	-25	-23.46	-79.27	-58.02	2.70	12.25	V
Highest	5124	-54.73	-25	-29.73	-78.26	-62.02	2.41	9.70	H
	7692	-50.56	-25	-25.56	-77.93	-60.11	2.37	11.92	H
	10260	-50.67	-25	-25.67	-79.31	-60.28	2.69	12.30	H
	5124	-53.59	-25	-28.59	-78.11	-60.88	2.41	9.70	V
	7692	-48.84	-25	-23.84	-77.91	-58.39	2.37	11.92	V
	10260	-47.68	-25	-22.68	-78.96	-57.29	2.69	12.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000	-54.44	-25	-29.44	-78.17	-61.8	2.34	9.70	H
	7500	-51.13	-25	-26.13	-78.25	-60.5	2.43	11.80	H
	10000	-51.10	-25	-26.10	-79.09	-60.6	2.70	12.20	H
	5000	-53.44	-25	-28.44	-78.25	-60.8	2.34	9.70	V
	7500	-49.93	-25	-24.93	-78.26	-59.3	2.43	11.80	V
	10000	-48.70	-25	-23.70	-79.14	-58.2	2.70	12.20	V
Middle	5064	-54.69	-25	-29.69	-78	-62.02	2.37	9.70	H
	7608	-50.86	-25	-25.86	-78.43	-60.33	2.39	11.86	H
	10140	-51.32	-25	-26.32	-79.59	-60.88	2.70	12.26	H
	5064	-53.89	-25	-28.89	-78.35	-61.22	2.37	9.70	V
	7608	-49.55	-25	-24.55	-78.75	-59.02	2.39	11.86	V
	10140	-48.55	-25	-23.55	-79.46	-58.11	2.70	12.26	V
Highest	5124	-54.73	-25	-29.73	-78.26	-62.02	2.41	9.70	H
	7688	-50.34	-25	-25.34	-77.61	-59.88	2.37	11.91	H
	10250	-50.28	-25	-25.28	-78.97	-59.89	2.69	12.30	H
	5124	-53.73	-25	-28.73	-78.17	-61.02	2.41	9.70	V
	7692	-48.84	-25	-23.84	-77.93	-58.39	2.37	11.92	V
	10250	-47.94	-25	-22.94	-79.12	-57.55	2.69	12.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-54.54	-25	-29.54	-78.02	-61.9	2.34	9.70	H
	7500	-52.03	-25	-27.03	-78.82	-61.4	2.43	11.80	H
	10000	-51.30	-25	-26.30	-79.32	-60.8	2.70	12.20	H
	5004	-53.74	-25	-28.74	-77.81	-61.1	2.34	9.70	V
	7500	-50.33	-25	-25.33	-78.68	-59.7	2.43	11.80	V
	10000	-48.70	-25	-23.70	-79.14	-58.2	2.70	12.20	V
Middle	5052	-54.87	-25	-29.87	-78.36	-62.2	2.37	9.70	H
	7575	-51.26	-25	-26.26	-78.6	-60.7	2.41	11.85	H
	10100	-50.66	-25	-25.66	-78.86	-60.2	2.70	12.24	H
	5052	-54.17	-25	-29.17	-78.49	-61.5	2.37	9.70	V
	7575	-49.66	-25	-24.66	-78.78	-59.1	2.41	11.85	V
	10100	-48.36	-25	-23.36	-79.23	-57.9	2.70	12.24	V
Highest	5100	-54.29	-25	-29.29	-77.81	-61.6	2.39	9.70	H
	7650	-50.59	-25	-25.59	-77.91	-60.1	2.38	11.89	H
	10200	-50.62	-25	-25.62	-79.1	-60.2	2.70	12.28	H
	5100	-53.89	-25	-28.89	-78.26	-61.2	2.39	9.70	V
	7650	-49.09	-25	-24.09	-78.15	-58.6	2.38	11.89	V
	10200	-48.12	-25	-23.12	-79.17	-57.7	2.70	12.28	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398	-64.87	-13	-51.87	-74.86	-66.52	0.87	4.67	H
	2097	-62.98	-13	-49.98	-76.26	-63.86	1.16	4.19	H
	2796	-60.47	-13	-47.47	-76.71	-62.57	1.38	5.64	H
	1398	-64.67	-13	-51.67	-74.41	-66.32	0.87	4.67	V
	2097	-60.70	-13	-47.70	-76.22	-61.58	1.16	4.19	V
	2796	-58.98	-13	-45.98	-76.60	-61.08	1.38	5.64	V
Middle	1414	-64.58	-13	-51.58	-74.34	-66.32	0.87	4.76	H
	2120	-62.05	-13	-49.05	-75.84	-62.99	1.17	4.26	H
	2827	-60.00	-13	-47.00	-76.62	-62.12	1.39	5.66	H
	1416	-64.57	-13	-51.57	-74.48	-66.32	0.87	4.78	V
	2120	-60.55	-13	-47.55	-76.15	-61.49	1.17	4.26	V
	2827	-58.30	-13	-45.30	-76.35	-60.42	1.39	5.66	V
Highest	1429	-64.49	-13	-51.49	-74.23	-66.32	0.88	4.86	H
	2143	-63.03	-13	-50.03	-76.20	-64.03	1.18	4.33	H
	2858	-60.03	-13	-47.03	-76.43	-62.16	1.40	5.69	H
	1429	-63.99	-13	-50.99	-74.20	-65.82	0.88	4.86	V
	2143	-61.09	-13	-48.09	-76.18	-62.09	1.18	4.33	V
	2858	-58.39	-13	-45.39	-76.25	-60.52	1.40	5.69	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-64.32	-13	-51.32	-74.08	-65.98	0.87	4.68	H
	2096	-62.21	-13	-49.21	-76.17	-63.08	1.16	4.19	H
	2800	-60.07	-13	-47.07	-76.51	-62.18	1.38	5.64	H
	1400	-64.66	-13	-51.66	-74.30	-66.32	0.87	4.68	V
	2096	-60.54	-13	-47.54	-76.05	-61.41	1.16	4.19	V
	2800	-58.97	-13	-45.97	-76.23	-61.08	1.38	5.64	V
Middle	1412	-64.07	-13	-51.07	-74.24	-65.80	0.87	4.75	H
	2120	-60.66	-13	-47.66	-74.29	-61.60	1.17	4.26	H
	2824	-59.08	-13	-46.08	-76.06	-61.20	1.39	5.66	H
	1412	-64.07	-13	-51.07	-74.17	-65.80	0.87	4.75	V
	2120	-58.76	-13	-45.76	-74.02	-59.70	1.17	4.26	V
	2824	-58.58	-13	-45.58	-76.48	-60.70	1.39	5.66	V
Highest	1424	-64.52	-13	-51.52	-74.35	-66.32	0.88	4.83	H
	2136	-63.05	-13	-50.05	-76.37	-64.03	1.18	4.31	H
	2848	-60.06	-13	-47.06	-76.72	-62.19	1.40	5.68	H
	1424	-64.23	-13	-51.23	-74.43	-66.03	0.88	4.83	V
	2136	-60.04	-13	-47.04	-75.75	-61.02	1.18	4.31	V
	2848	-59.08	-13	-46.08	-76.70	-61.21	1.40	5.68	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-64.44	-13	-51.44	-74.56	-66.10	0.87	4.68	H
	2096	-61.73	-13	-48.73	-75.77	-62.60	1.16	4.19	H
	2796	-59.70	-13	-46.70	-76.53	-61.80	1.38	5.64	H
	1400	-63.54	-13	-50.54	-73.92	-65.20	0.87	4.68	V
	2096	-60.53	-13	-47.53	-75.90	-61.40	1.16	4.19	V
	2796	-58.40	-13	-45.40	-76.57	-60.50	1.38	5.64	V
Middle	1410	-63.88	-13	-50.88	-74.00	-65.60	0.87	4.74	H
	2115	-61.28	-13	-48.28	-74.82	-62.20	1.17	4.25	H
	2820	-59.09	-13	-46.09	-76.31	-61.20	1.39	5.66	H
	1410	-64.18	-13	-51.18	-74.27	-65.90	0.87	4.74	V
	2112	-59.18	-13	-46.18	-74.59	-60.10	1.17	4.24	V
	2820	-58.69	-13	-45.69	-76.44	-60.80	1.39	5.66	V
Highest	1422	-64.11	-13	-51.11	-74.31	-65.90	0.88	4.82	H
	2133	-61.13	-13	-48.13	-74.78	-62.10	1.18	4.30	H
	2844	-59.47	-13	-46.47	-76.50	-61.60	1.40	5.68	H
	1422	-64.01	-13	-51.01	-74.24	-65.80	0.88	4.82	V
	2133	-58.63	-13	-45.63	-73.98	-59.60	1.18	4.30	V
	2844	-58.27	-13	-45.27	-76.48	-60.40	1.40	5.68	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-64.24	-13	-51.24	-74.27	-65.90	0.87	4.68	H
	2096	-58.83	-13	-45.83	-72.88	-59.70	1.16	4.19	H
	2796	-59.40	-13	-46.40	-76.44	-61.50	1.38	5.64	H
	1400	-64.44	-13	-51.44	-74.43	-66.10	0.87	4.68	V
	2096	-60.03	-13	-47.03	-75.55	-60.90	1.16	4.19	V
	2796	-58.10	-13	-45.10	-76.09	-60.20	1.38	5.64	V
Middle	1405	-61.21	-13	-48.21	-73.99	-62.90	0.87	4.71	H
	2110	-58.79	-13	-45.79	-72.92	-59.70	1.17	4.23	H
	2810	-59.89	-13	-46.89	-76.59	-62.00	1.39	5.65	H
	1405	-63.71	-13	-50.71	-73.71	-65.40	0.87	4.71	V
	2110	-60.29	-13	-47.29	-75.83	-61.20	1.17	4.23	V
	2810	-58.09	-13	-45.09	-76.16	-60.20	1.39	5.65	V
Highest	1412	-64.37	-13	-51.37	-74.22	-66.10	0.87	4.75	H
	2118	-61.27	-13	-48.27	-75.13	-62.20	1.17	4.25	H
	2824	-59.68	-13	-46.68	-76.39	-61.80	1.39	5.66	H
	1412	-63.87	-13	-50.87	-74.10	-65.60	0.87	4.75	V
	2118	-59.57	-13	-46.57	-75.24	-60.50	1.17	4.25	V
	2824	-58.38	-13	-45.38	-76.42	-60.50	1.39	5.66	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-64.61	-13	-51.61	-74.52	-66.32	0.87	4.73	H
	2112	-61.94	-13	-48.94	-75.88	-62.86	1.17	4.24	H
	2816	-60.04	-13	-47.04	-76.53	-62.15	1.39	5.65	H
	1408	-64.32	-13	-51.32	-74.31	-66.03	0.87	4.73	V
	2112	-60.60	-13	-47.60	-76.27	-61.52	1.17	4.24	V
	2816	-59.36	-13	-46.36	-76.82	-61.47	1.39	5.65	V
Middle	1415	-64.57	-13	-51.57	-74.48	-66.32	0.87	4.77	H
	2122	-62.07	-13	-49.07	-76.00	-63.01	1.17	4.27	H
	2830	-60.43	-13	-47.43	-76.99	-62.55	1.39	5.66	H
	1415	-64.57	-13	-51.57	-74.40	-66.32	0.87	4.77	V
	2122	-59.58	-13	-46.58	-76.00	-60.52	1.17	4.27	V
	2830	-58.89	-13	-45.89	-76.80	-61.01	1.39	5.66	V
Highest	1422	-64.58	-13	-51.58	-74.66	-66.37	0.88	4.82	H
	2133	-62.52	-13	-49.52	-76.46	-63.49	1.18	4.30	H
	2844	-60.38	-13	-47.38	-76.87	-62.51	1.40	5.68	H
	1422	-64.34	-13	-51.34	-74.49	-66.13	0.88	4.82	V
	2133	-60.61	-13	-47.61	-76.23	-61.58	1.18	4.30	V
	2844	-59.34	-13	-46.34	-76.92	-61.47	1.40	5.68	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408	-64.57	-13	-51.57	-74.61	-66.28	0.87	4.73	H
	2112	-62.06	-13	-49.06	-75.97	-62.98	1.17	4.24	H
	2816	-59.99	-13	-46.99	-76.42	-62.10	1.39	5.65	H
	1408	-64.50	-13	-51.50	-74.60	-66.21	0.87	4.73	V
	2112	-60.90	-13	-47.90	-75.96	-61.82	1.17	4.24	V
	2816	-59.36	-13	-46.36	-76.86	-61.47	1.39	5.65	V
Middle	1410	-64.49	-13	-51.49	-74.34	-66.21	0.87	4.74	H
	2115	-62.11	-13	-49.11	-75.91	-63.03	1.17	4.25	H
	2820	-60.48	-13	-47.48	-76.90	-62.59	1.39	5.66	H
	1410	-64.37	-13	-51.37	-74.52	-66.09	0.87	4.74	V
	2115	-60.60	-13	-47.60	-76.15	-61.52	1.17	4.25	V
	2820	-59.32	-13	-46.32	-76.91	-61.43	1.39	5.66	V
Highest	1412	-64.70	-13	-51.70	-74.56	-66.43	0.87	4.75	H
	2118	-62.39	-13	-49.39	-76.31	-63.32	1.17	4.25	H
	2824	-60.16	-13	-47.16	-76.70	-62.28	1.39	5.66	H
	1412	-64.63	-13	-51.63	-74.57	-66.36	0.87	4.75	V
	2118	-60.16	-13	-47.16	-75.69	-61.09	1.17	4.25	V
	2824	-59.06	-13	-46.06	-76.84	-61.18	1.39	5.66	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.