



LTE Band 4 / 10MHz

Middle Channel / QPSK



Date: 25 JUL 2016 19:49:59

Middle Channel / 16QAM



Date: 25 JUL 2016 19:50:32

Highest Channel / QPSK



Date: 25 JUL 2016 19:56:40

Highest Channel / 16QAM



Date: 25 JUL 2016 19:57:34



LTE Band 4 / 15MHz

Lowest Channel / QPSK



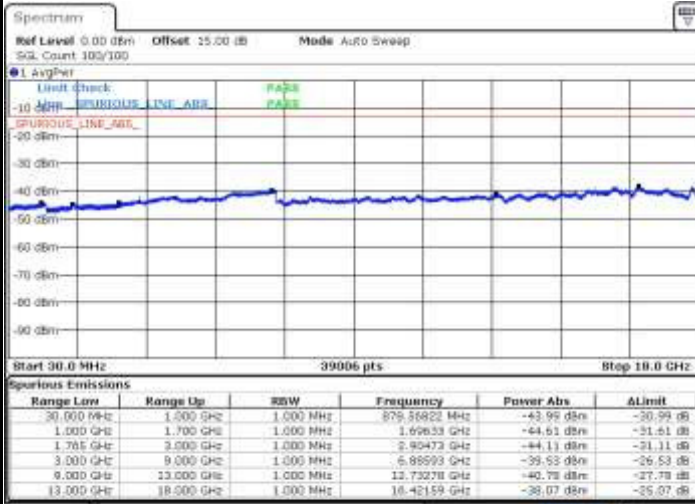
Date: 25 JUL 2016 20:03:42

Lowest Channel / 16QAM



Date: 25 JUL 2016 20:04:36

Middle Channel / QPSK



Date: 25 JUL 2016 20:06:10

Middle Channel / 16QAM

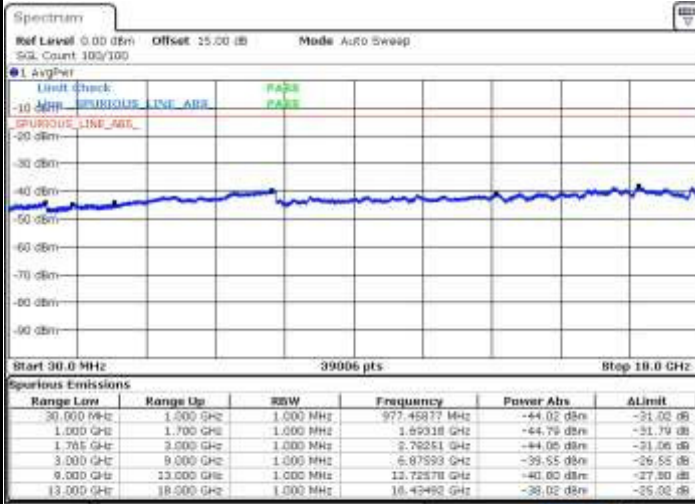


Date: 25 JUL 2016 20:07:04



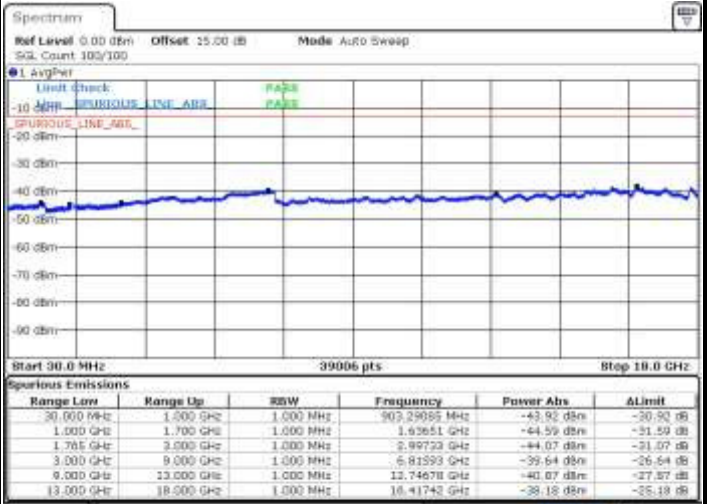
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 25 JUL 2016 20:13:12

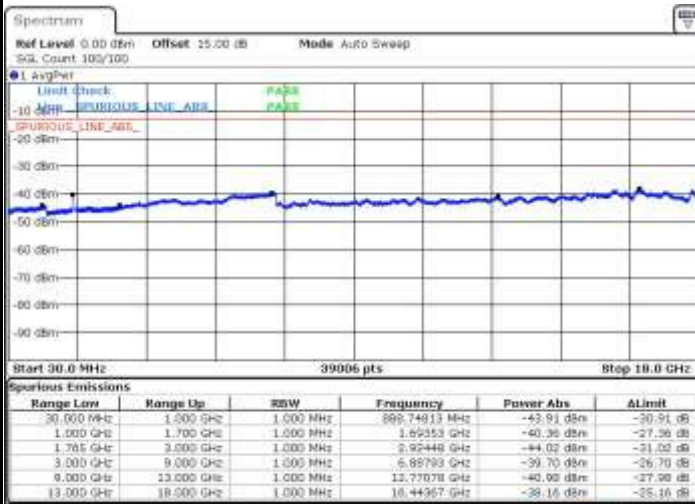
Highest Channel / 16QAM



Date: 25 JUL 2016 20:14:06

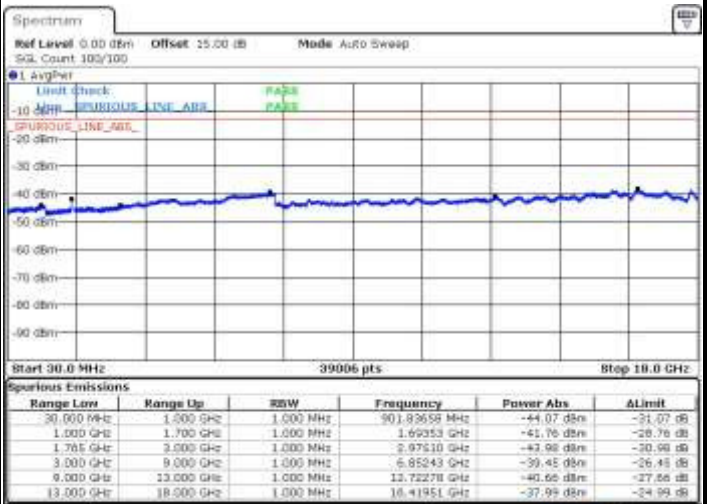
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 25 JUL 2016 20:20:14

Lowest Channel / 16QAM



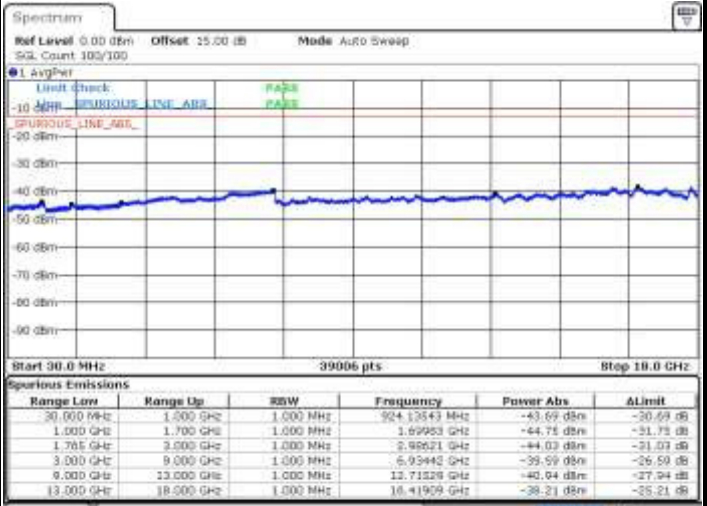
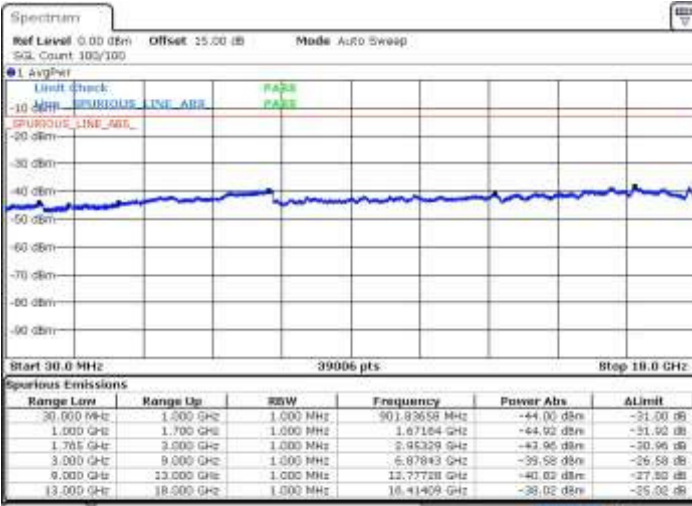
Date: 25 JUL 2016 20:21:06



LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

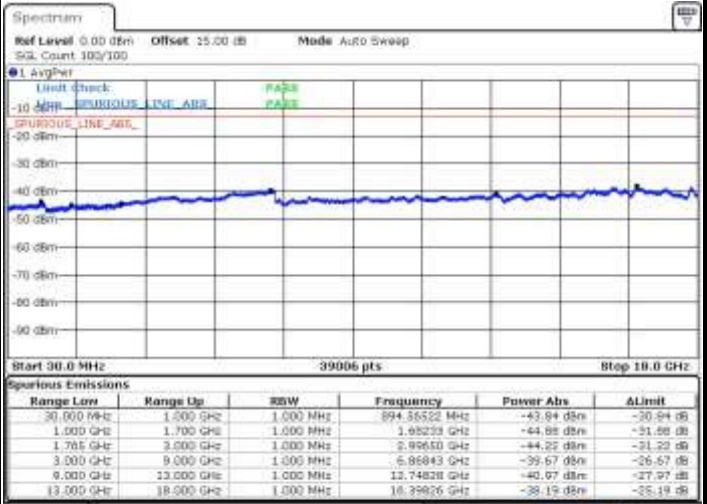
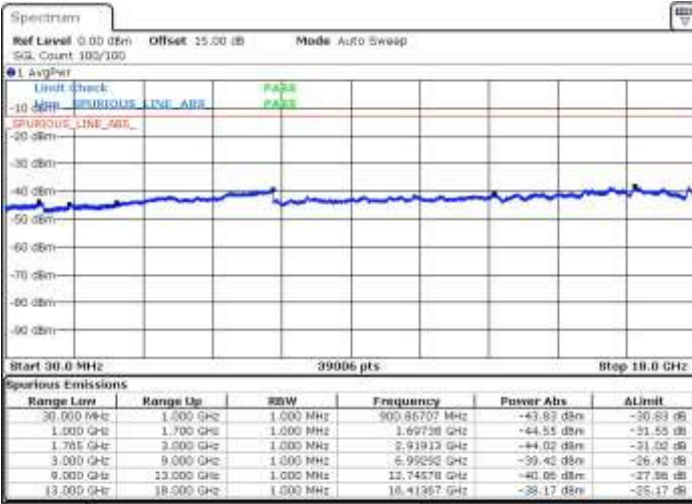


Date: 25 Jul 2016 20:22:42

Date: 25 Jul 2016 20:23:36

Highest Channel / QPSK

Highest Channel / 16QAM



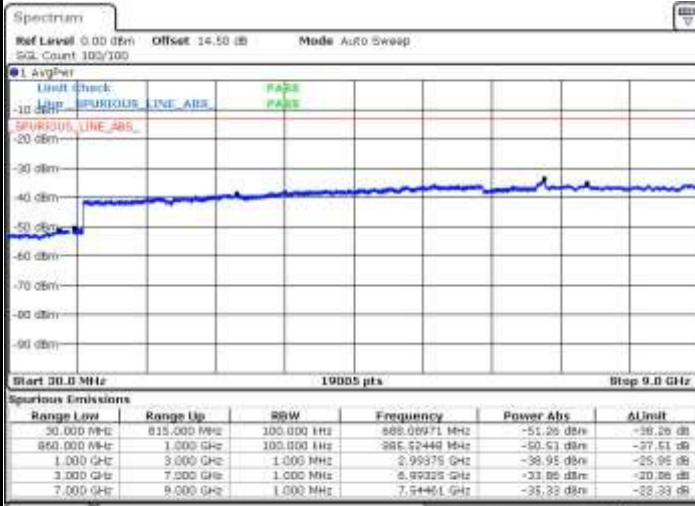
Date: 25 Jul 2016 20:29:44

Date: 25 Jul 2016 20:30:56

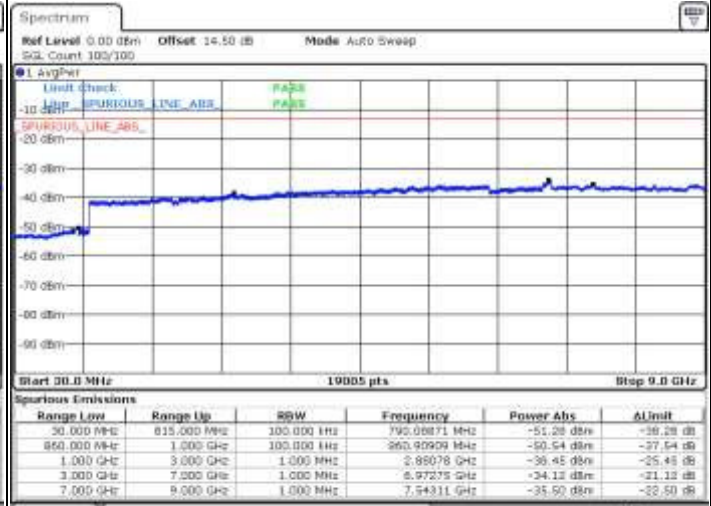


LTE Band 5 / 1.4MHz

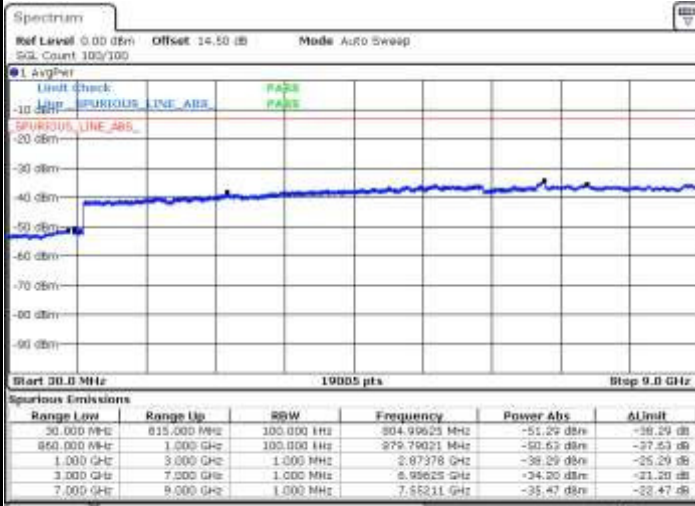
Lowest Channel / QPSK



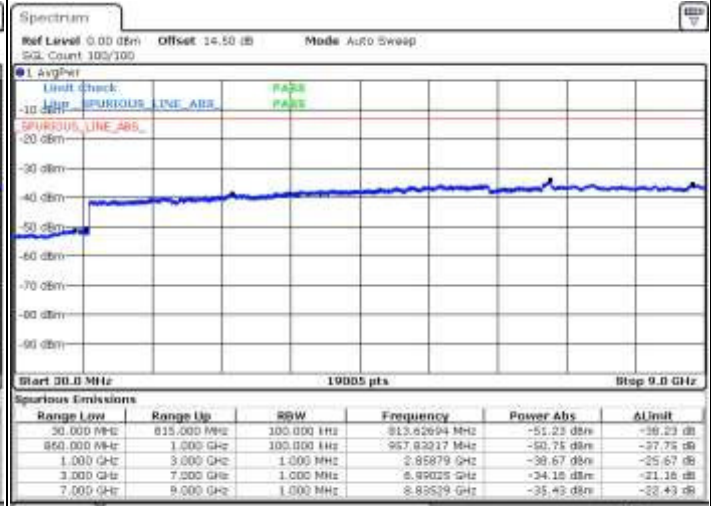
Lowest Channel / 16QAM



Middle Channel / QPSK



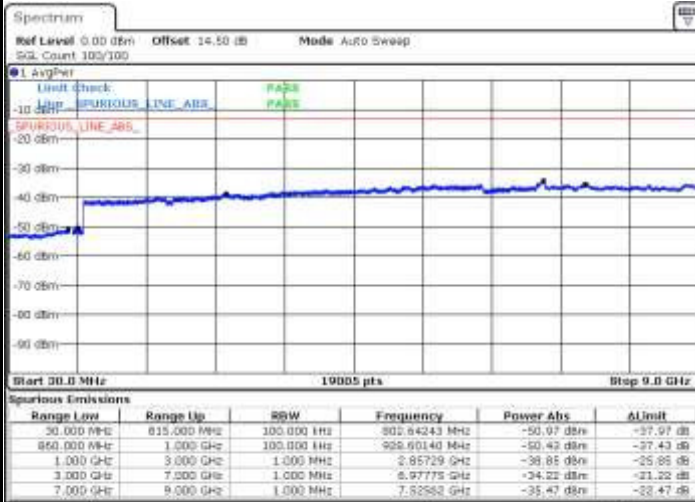
Middle Channel / 16QAM



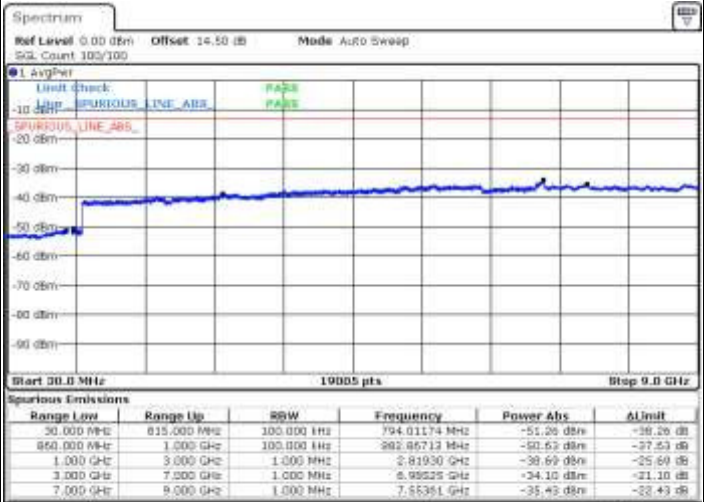


LTE Band 5 / 1.4MHz

Highest Channel / QPSK

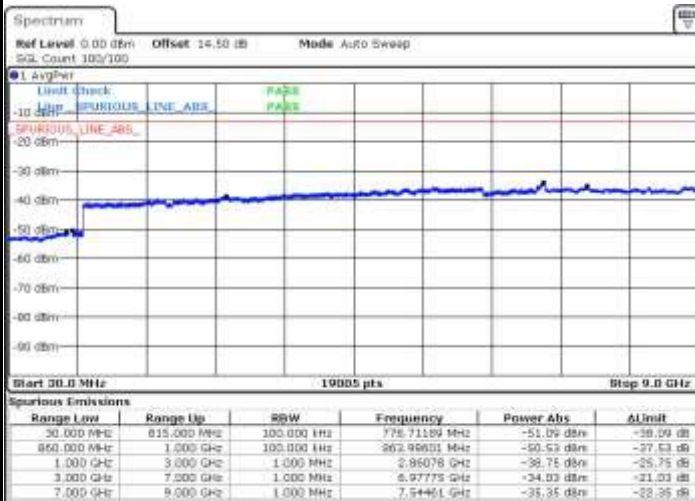


Highest Channel / 16QAM

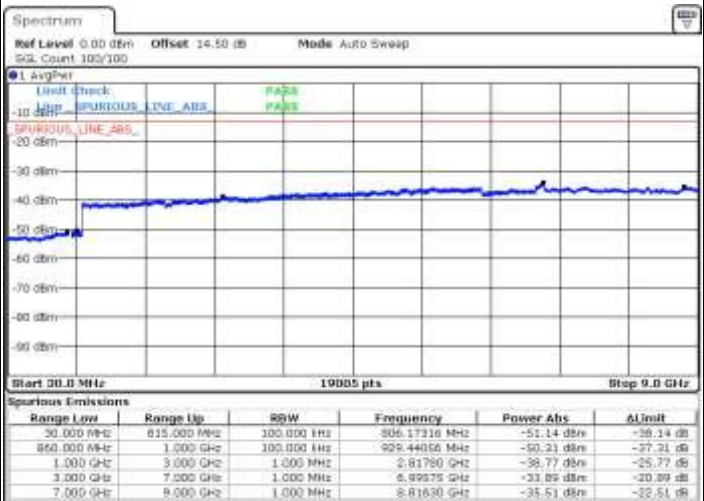


LTE Band 5 / 3MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

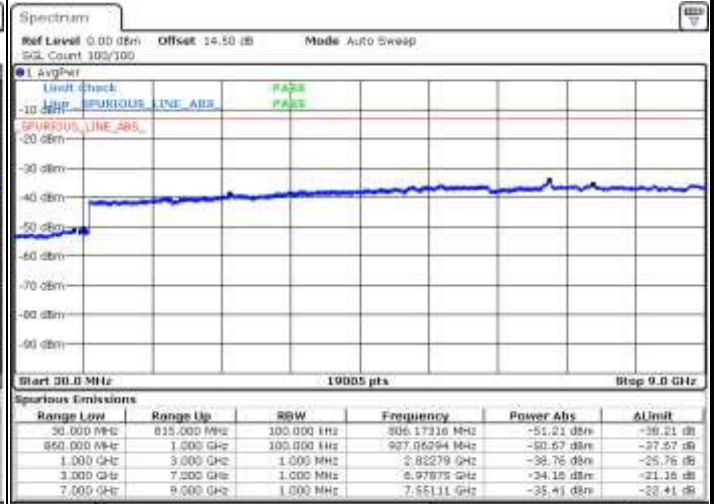
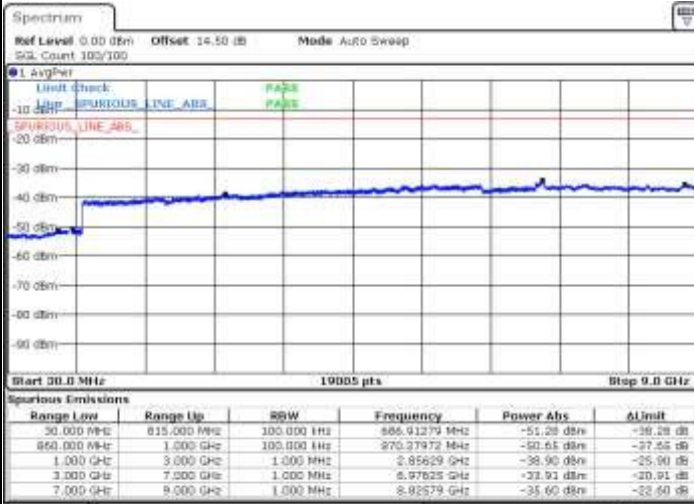




LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

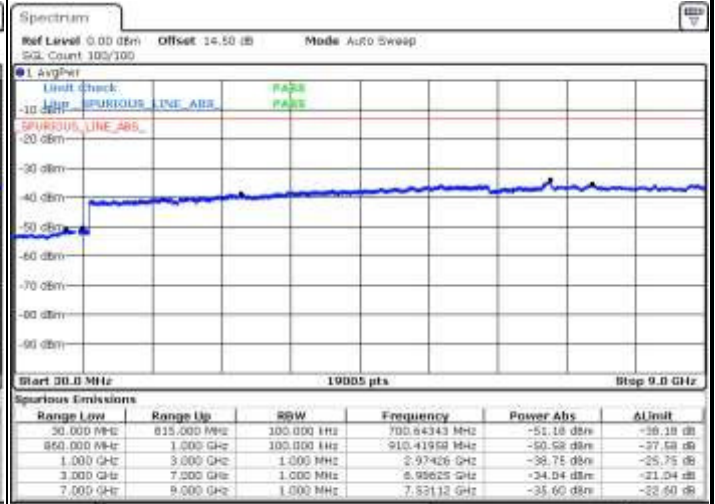
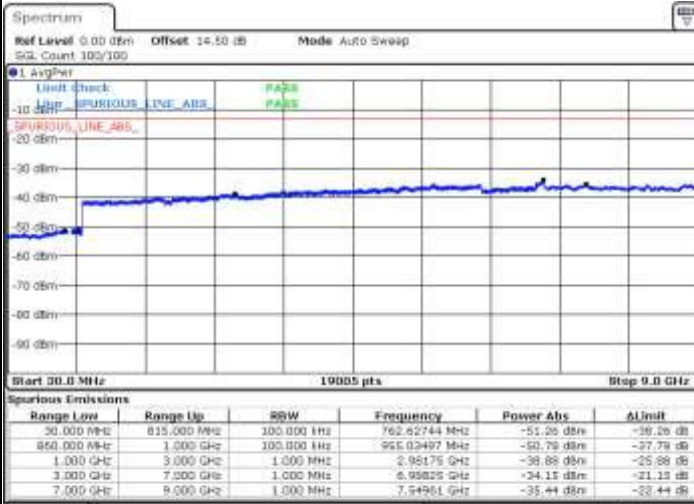


Date: 16-Jul-2018 10:42:33

Date: 16-Jul-2018 10:43:30

Highest Channel / QPSK

Highest Channel / 16QAM



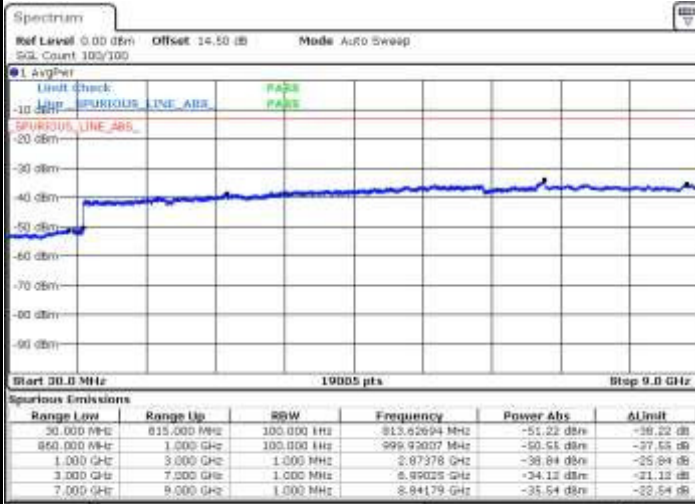
Date: 16-Jul-2018 10:57:48

Date: 16-Jul-2018 10:59:44

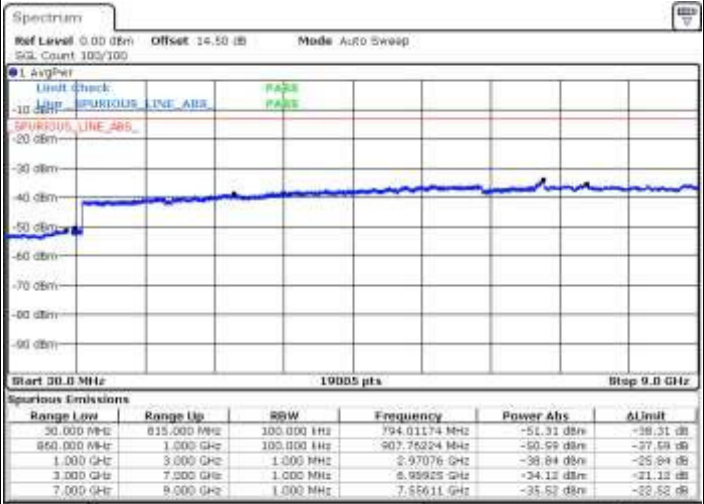


LTE Band 5 / 5MHz

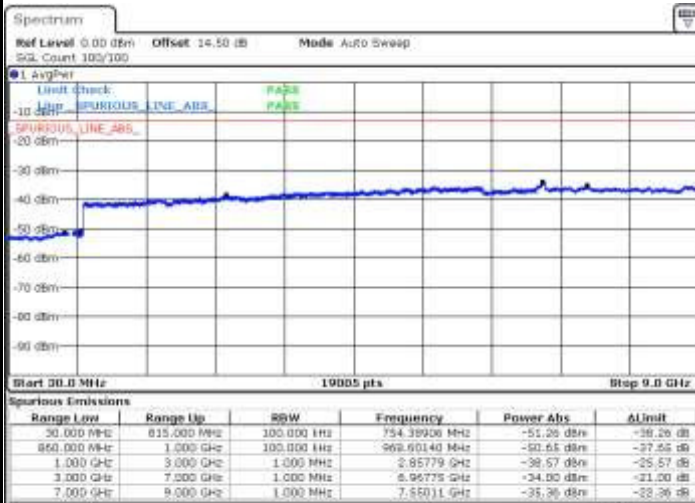
Lowest Channel / QPSK



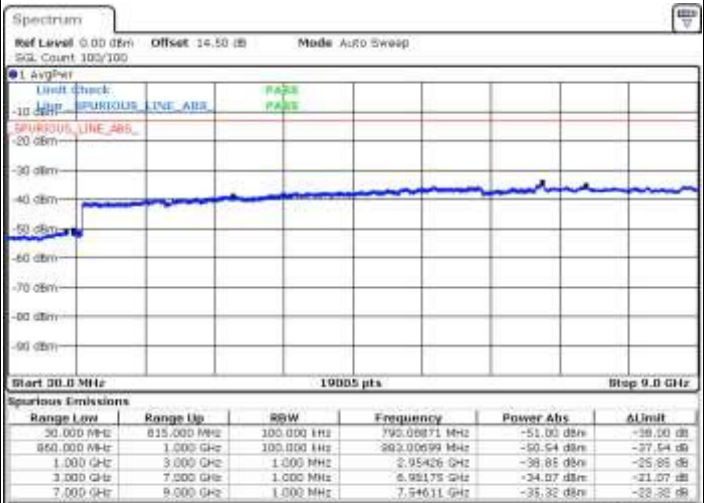
Lowest Channel / 16QAM



Middle Channel / QPSK



Middle Channel / 16QAM

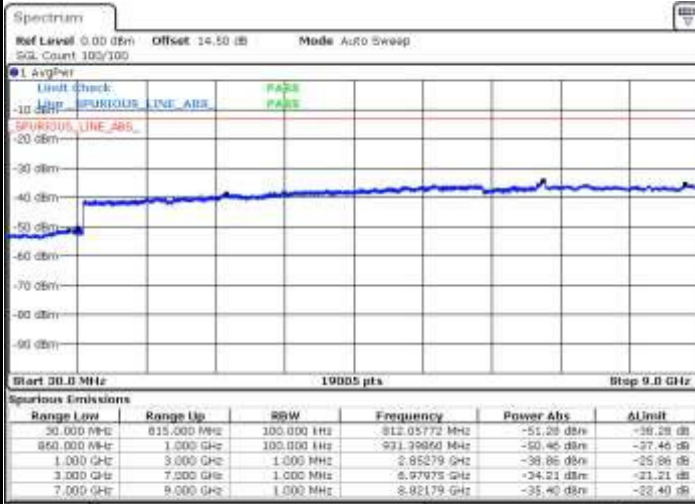




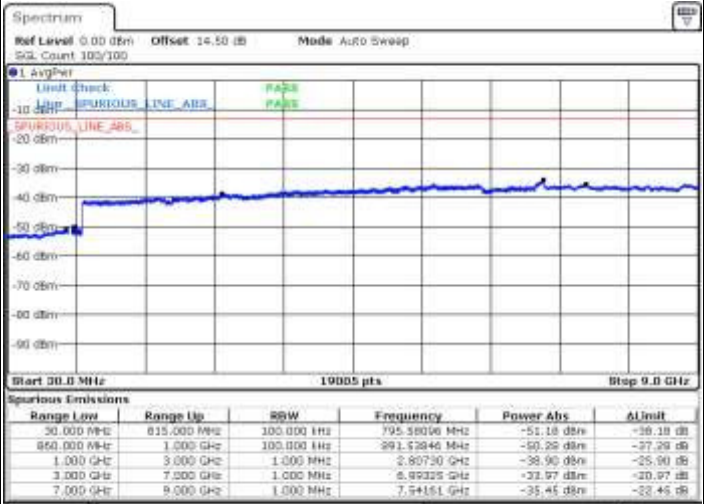


LTE Band 5 / 5MHz

Highest Channel / QPSK

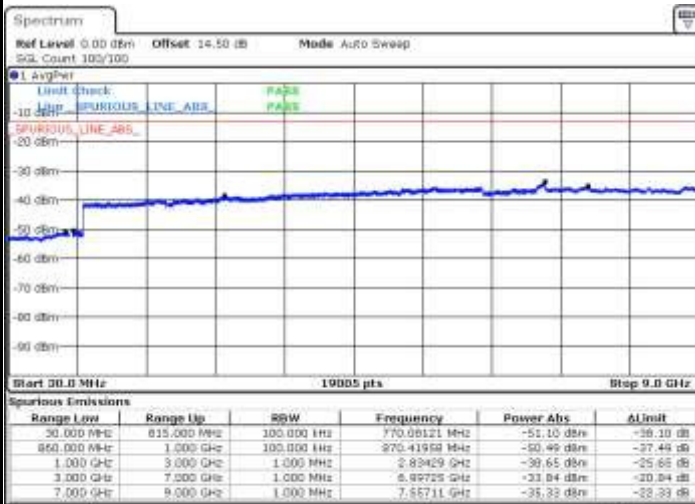


Highest Channel / 16QAM

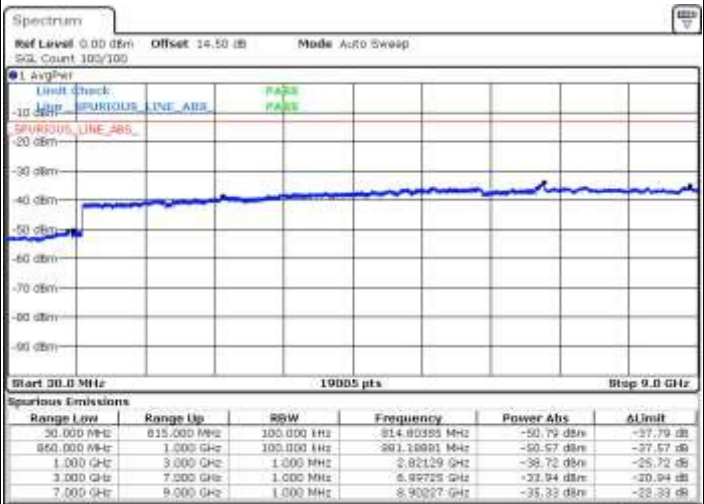


LTE Band 5 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

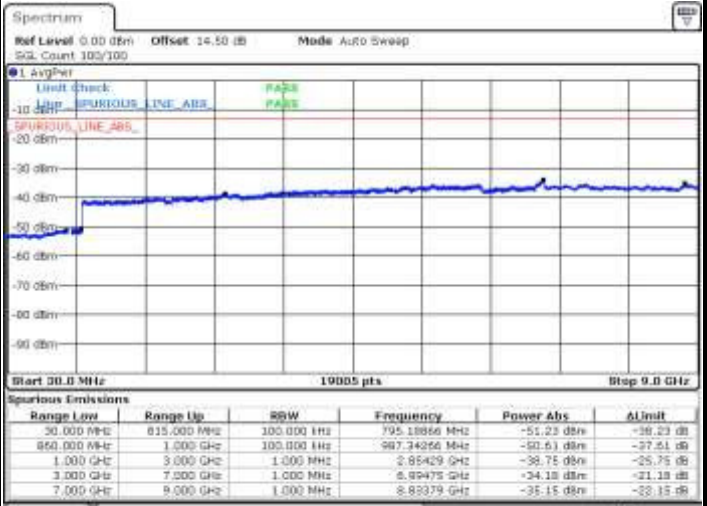
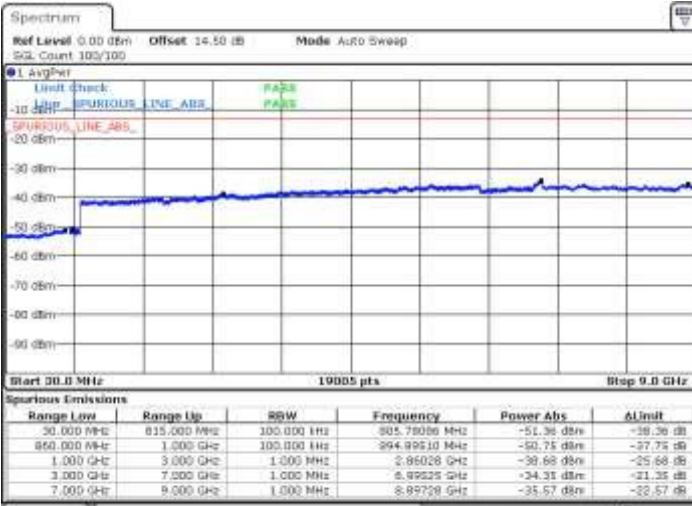




LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

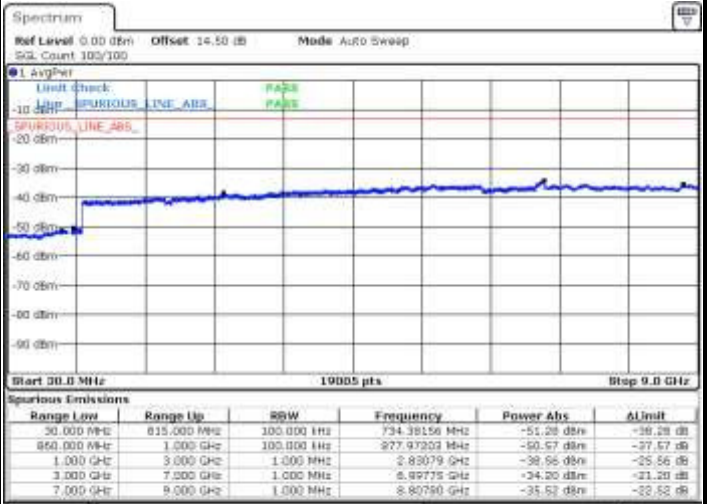
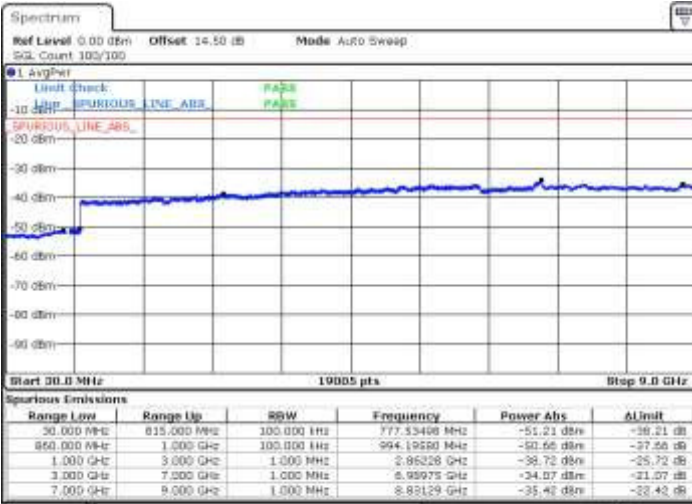


Date: 16-Jul-2018 11:48:43

Date: 16-Jul-2018 11:48:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16-Jul-2018 12:03:55

Date: 16-Jul-2018 12:04:56



LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

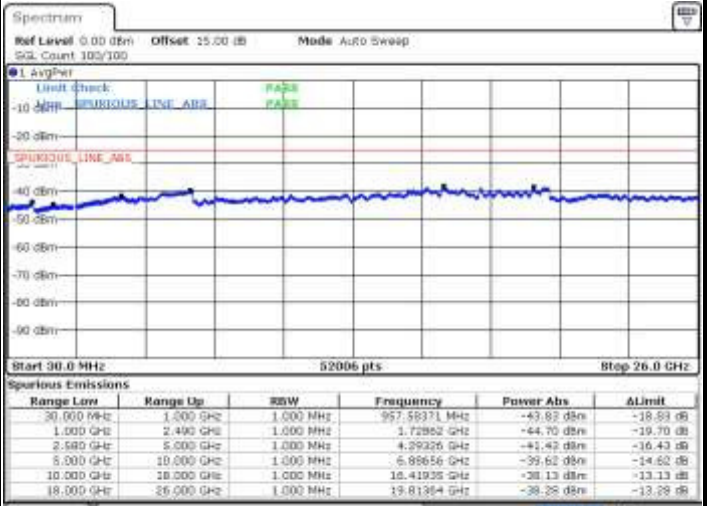


Date: 25 JUL 2016 14:20:02

Date: 25 JUL 2016 14:20:55

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25 JUL 2016 14:21:46

Date: 25 JUL 2016 14:22:41



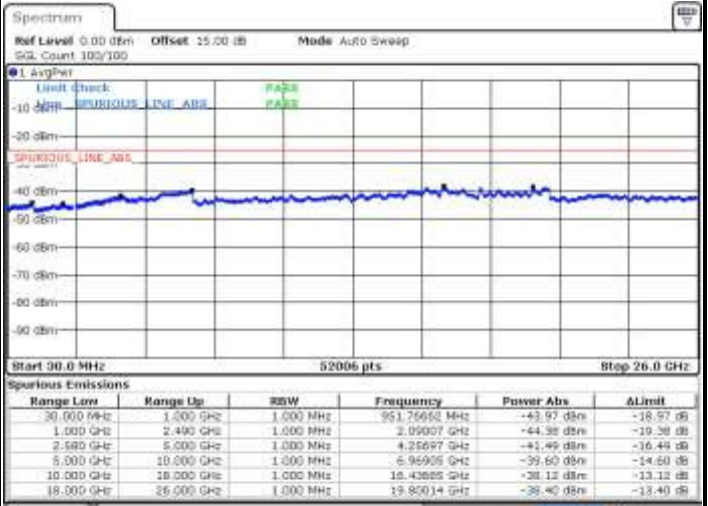
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 25 JUL 2016 14:28:10

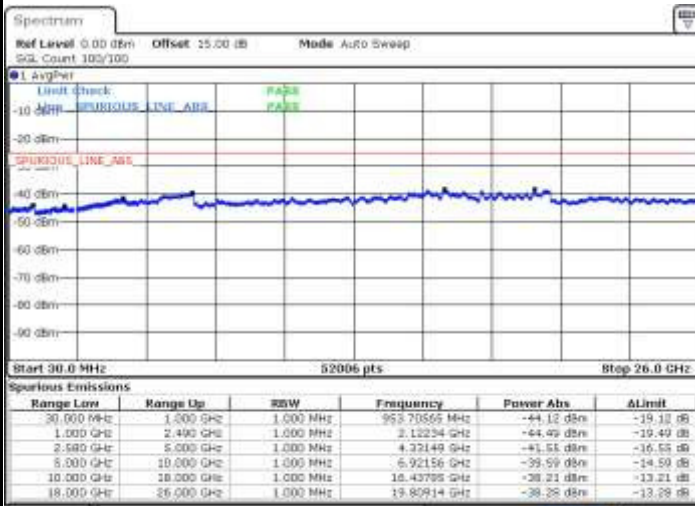
Highest Channel / 16QAM



Date: 25 JUL 2016 14:29:03

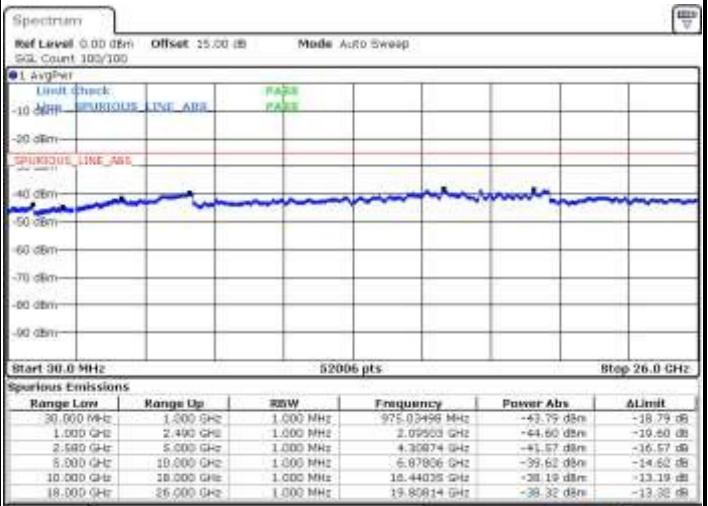
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 25 JUL 2016 14:34:51

Lowest Channel / 16QAM



Date: 25 JUL 2016 14:39:24



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25 JUL 2016 14:36:17

Date: 25 JUL 2016 14:37:10

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25 JUL 2016 14:42:36

Date: 25 JUL 2016 14:43:31



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 25 JUL 2016 14:48:20

Date: 25 JUL 2016 14:50:15

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25 JUL 2016 14:51:06

Date: 25 JUL 2016 14:51:59



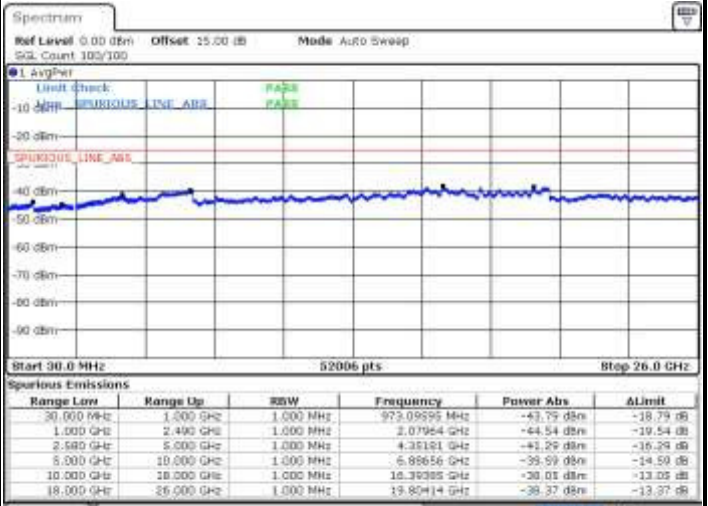
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 25 JUL 2016 14:57:27

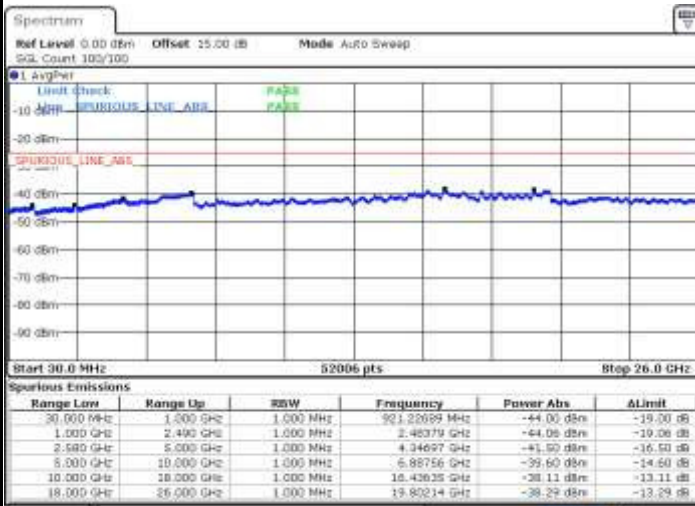
Highest Channel / 16QAM



Date: 25 JUL 2016 14:56:20

LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 25 JUL 2016 15:03:46

Lowest Channel / 16QAM



Date: 25 JUL 2016 15:04:41



LTE Band 7 / 20MHz

Middle Channel / QPSK



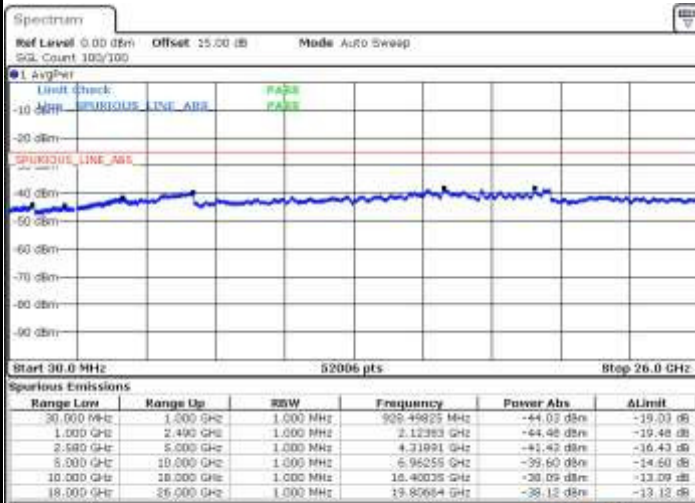
Date: 25 JUL 2016 15:05:35

Middle Channel / 16QAM



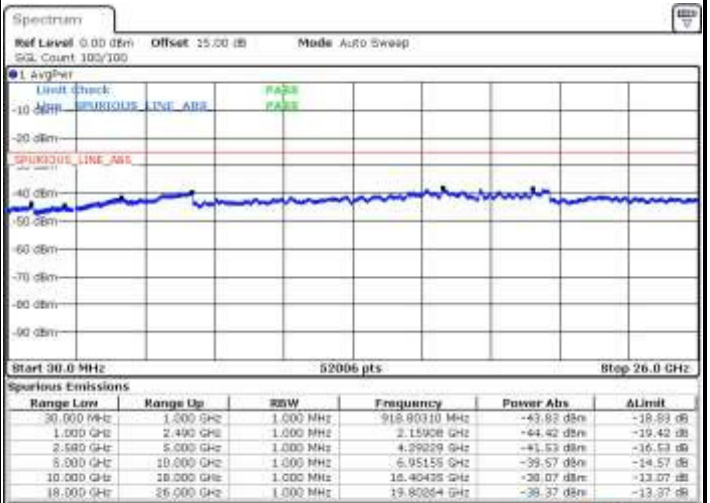
Date: 25 JUL 2016 15:06:28

Highest Channel / QPSK



Date: 25 JUL 2016 15:11:58

Highest Channel / 16QAM



Date: 25 JUL 2016 15:12:48

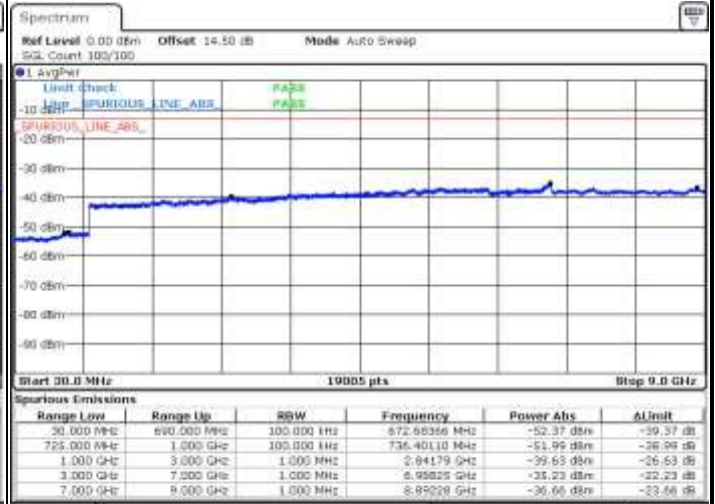
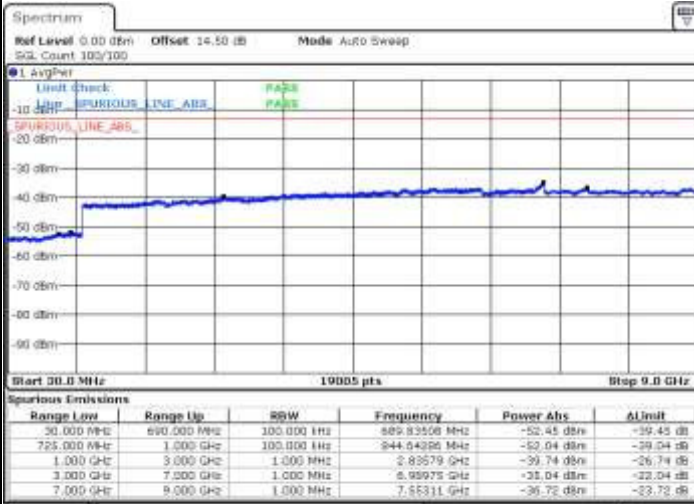




LTE Band 12 / 1.4MHz

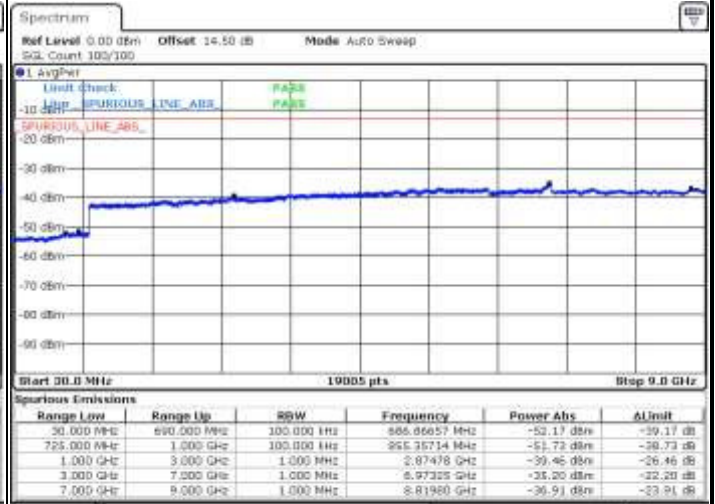
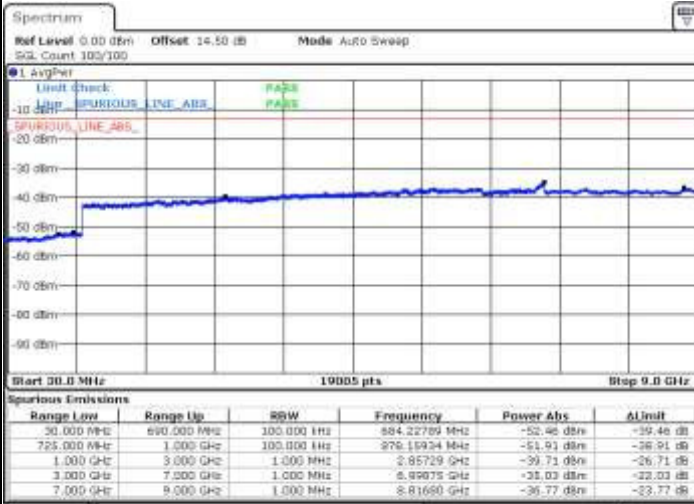
Lowest Channel / QPSK

Lowest Channel / 16QAM



Middle Channel / QPSK

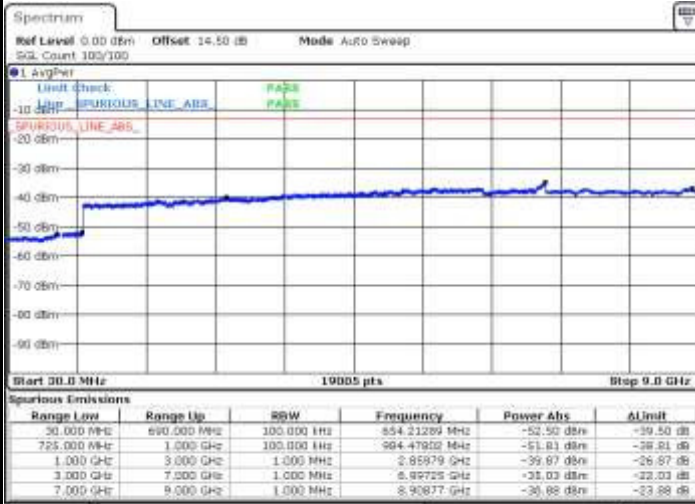
Middle Channel / 16QAM



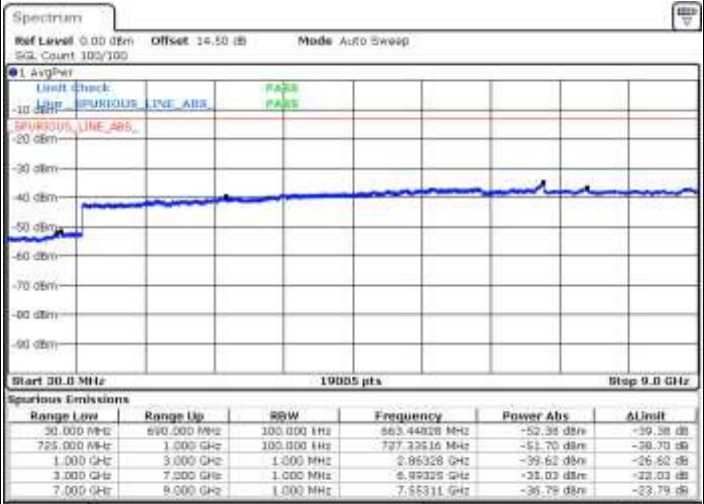


LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Highest Channel / 16QAM

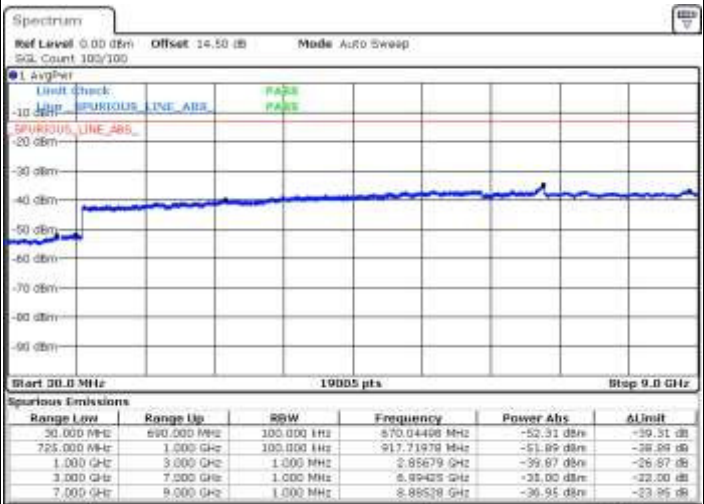


LTE Band 12 / 3MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

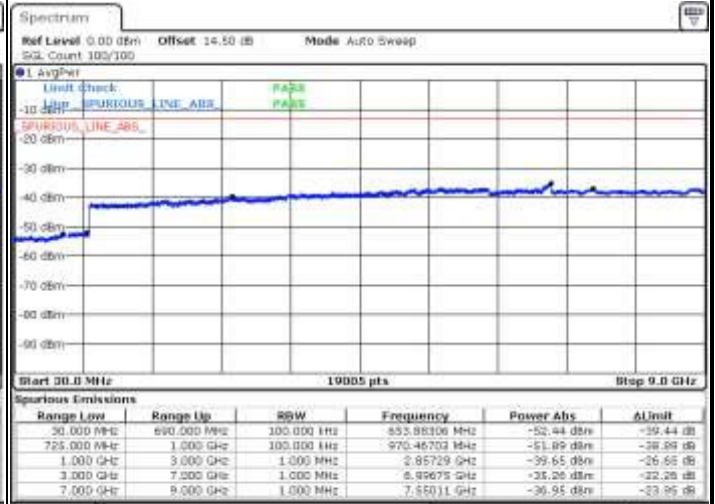
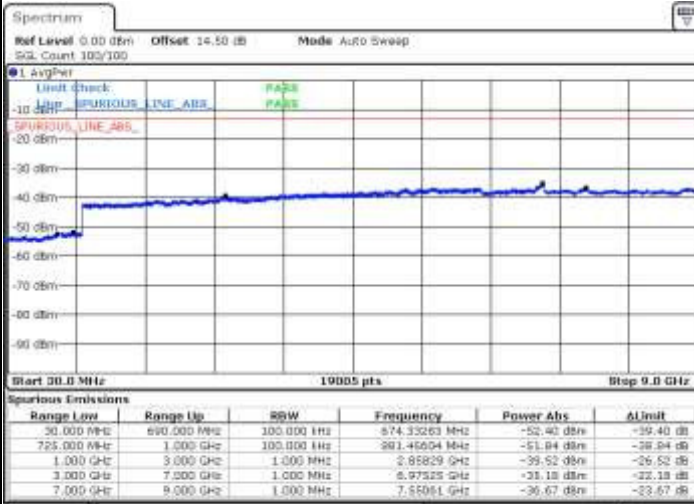




LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



Highest Channel / QPSK

Highest Channel / 16QAM

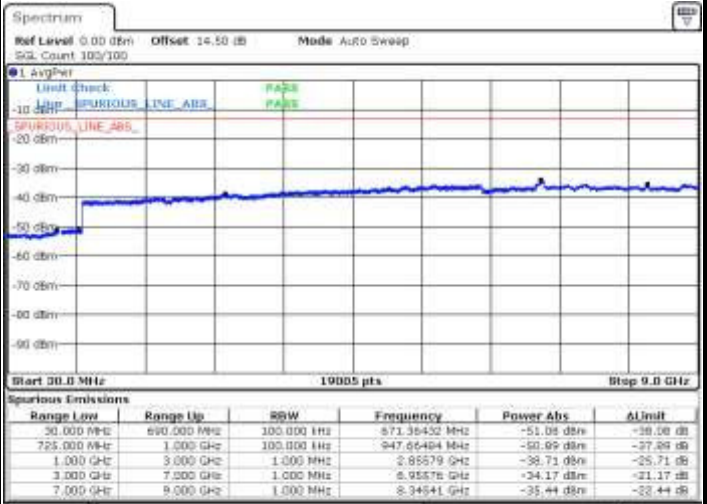
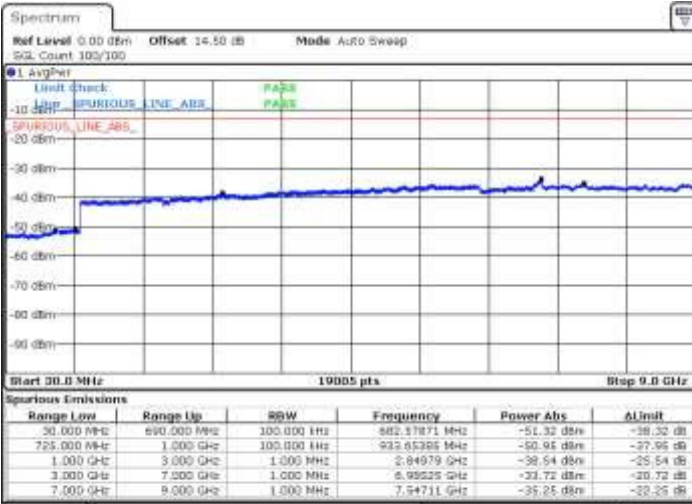




LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

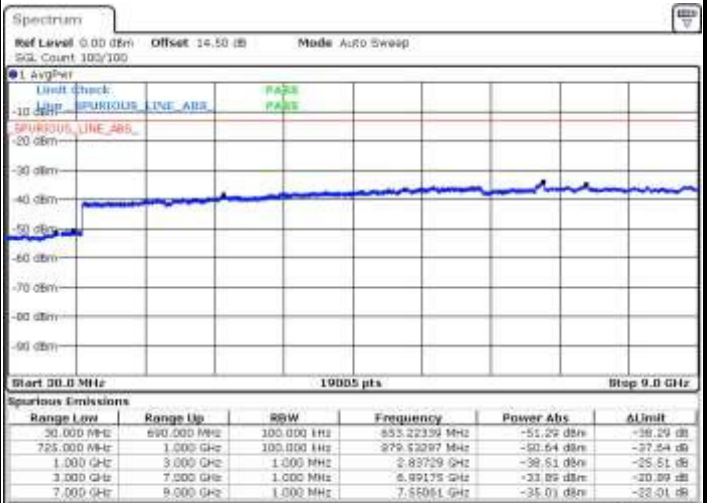
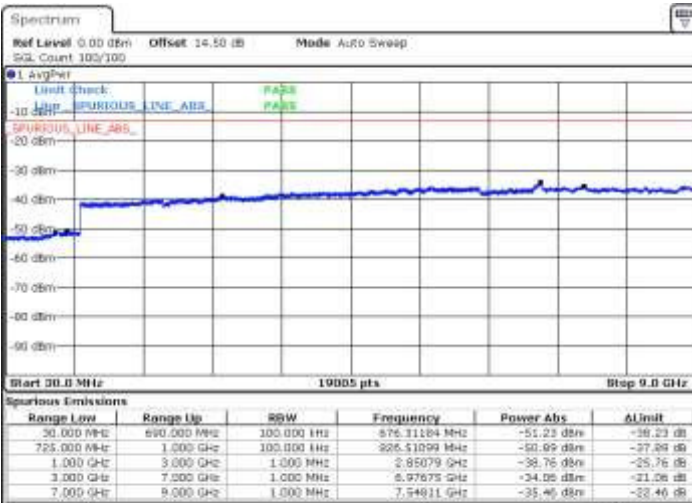


Date: 16-Jul-2018 14:38:47

Date: 16-Jul-2018 14:38:48

Middle Channel / QPSK

Middle Channel / 16QAM



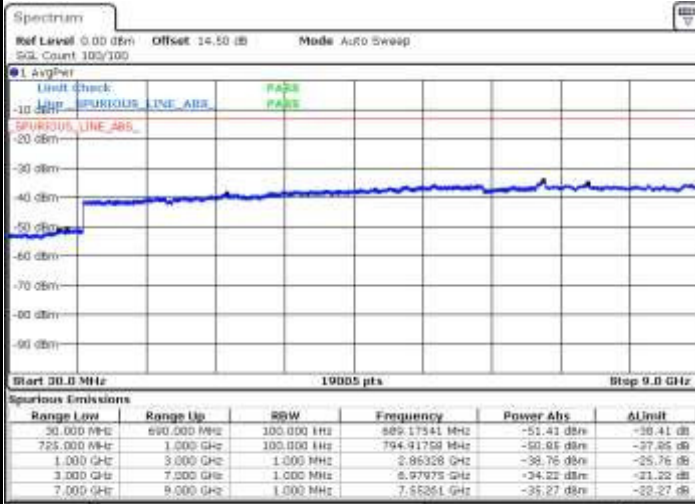
Date: 16-Jul-2018 14:38:43

Date: 16-Jul-2018 14:38:43

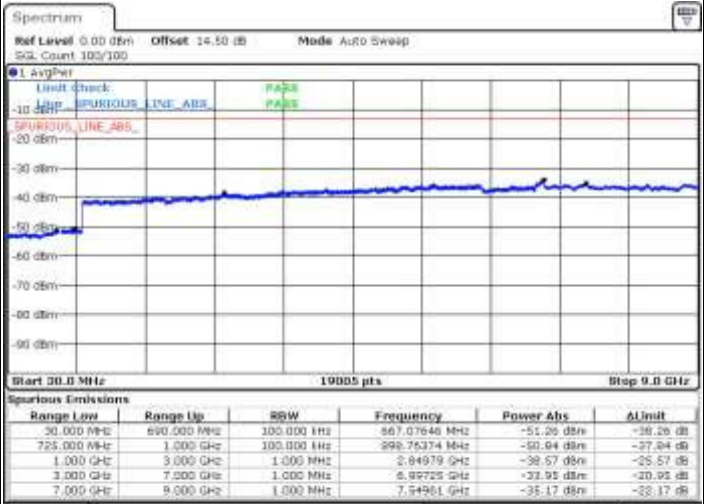


LTE Band 12 / 5MHz

Highest Channel / QPSK

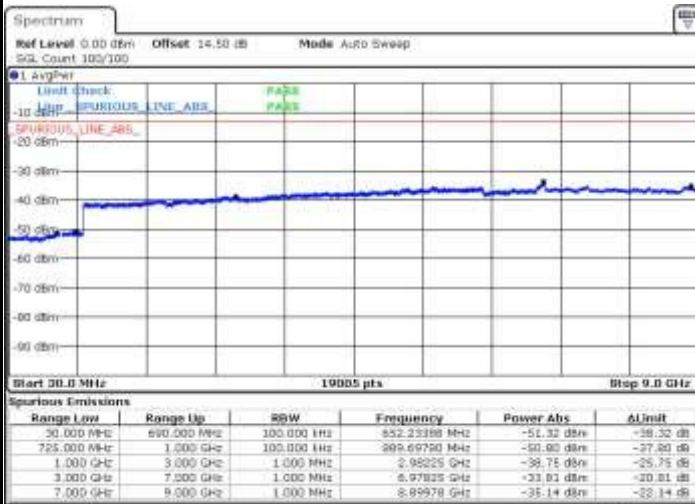


Highest Channel / 16QAM

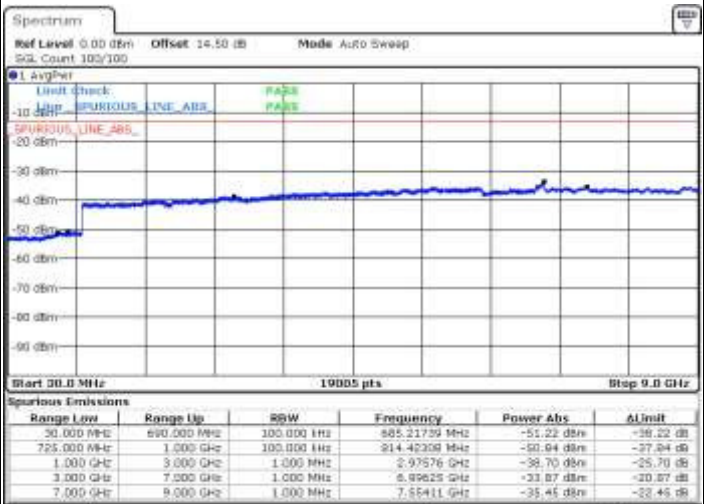


LTE Band 12 / 10MHz

Lowest Channel / QPSK



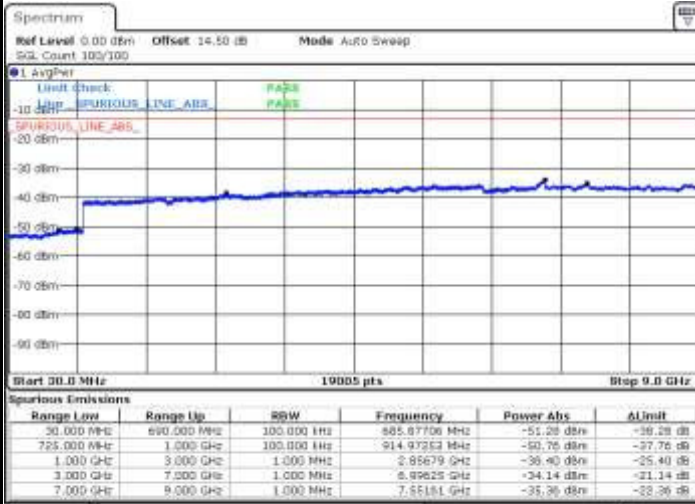
Lowest Channel / 16QAM



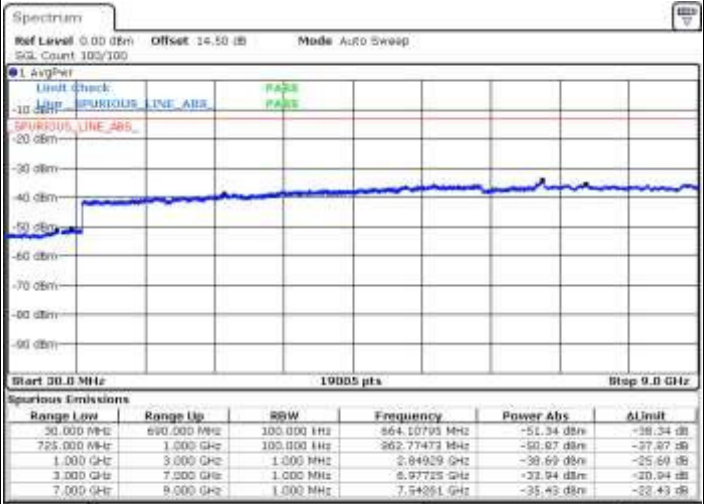


LTE Band 12 / 10MHz

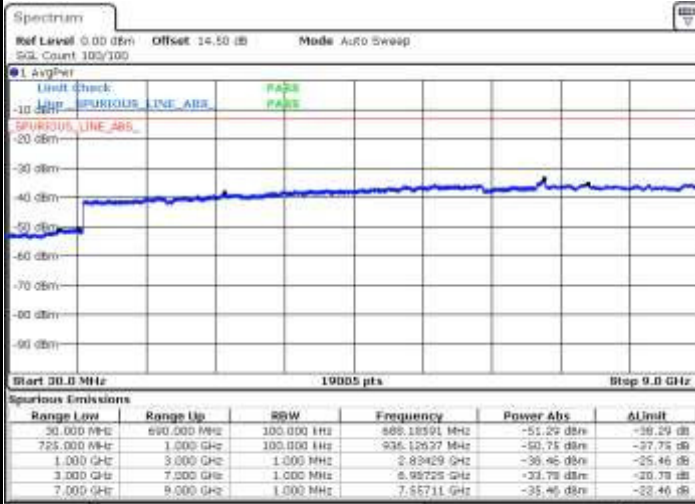
Middle Channel / QPSK



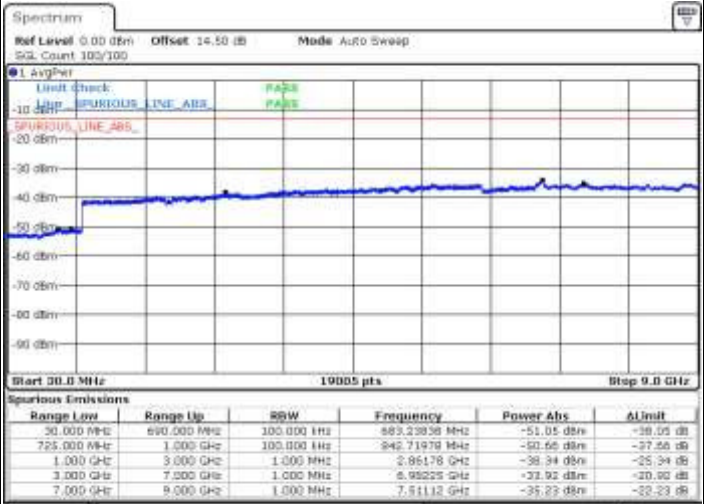
Middle Channel / 16QAM



Highest Channel / QPSK



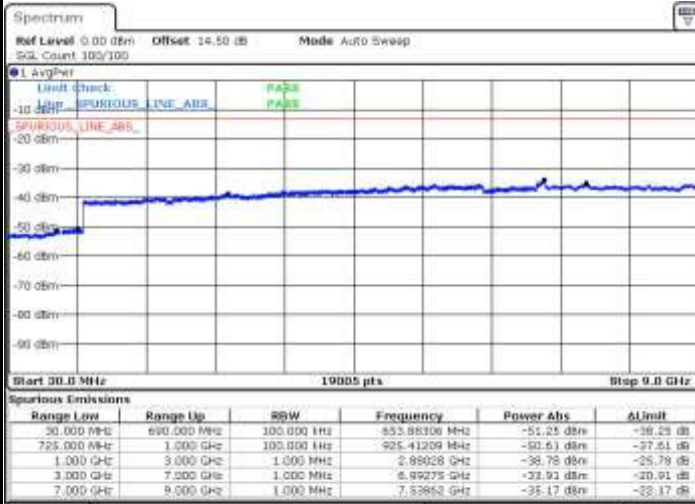
Highest Channel / 16QAM



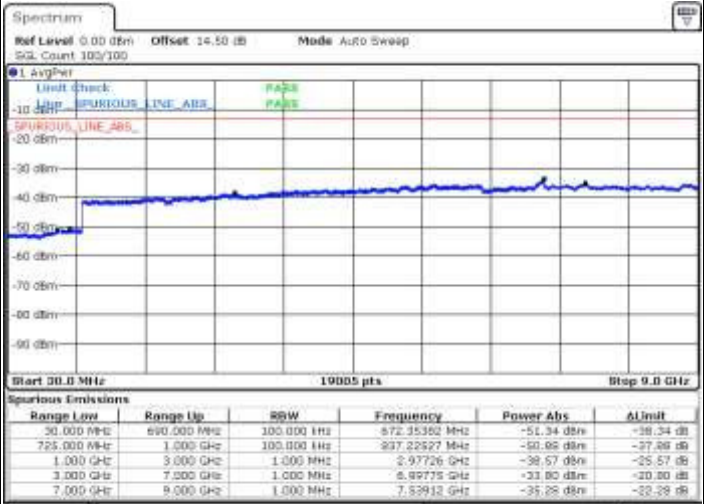


LTE Band 17 / 5MHz

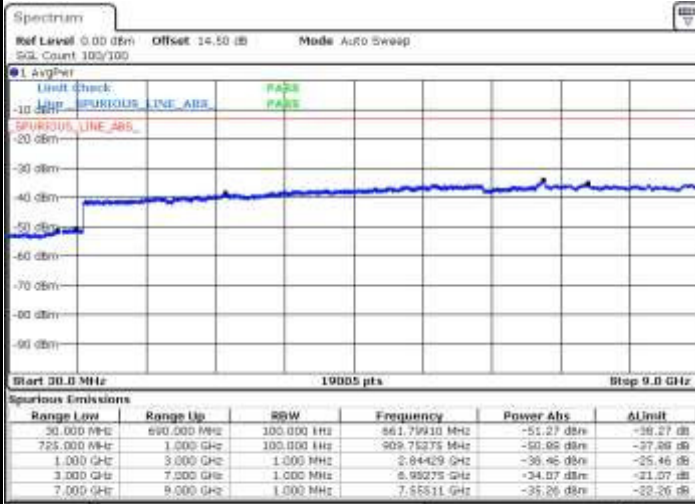
Lowest Channel / QPSK



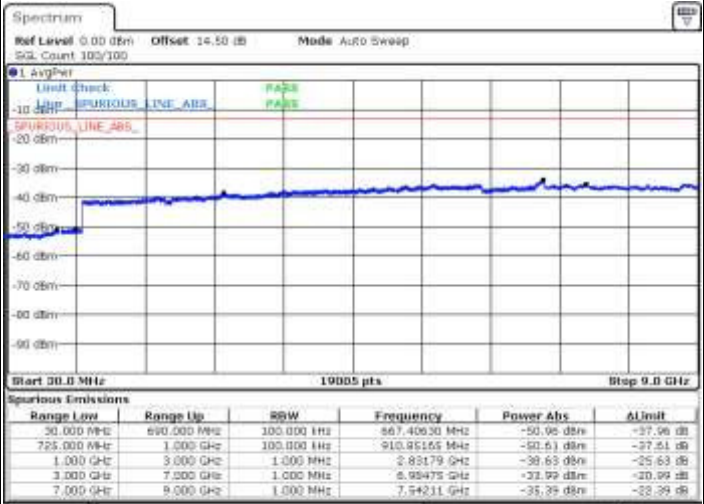
Lowest Channel / 16QAM



Middle Channel / QPSK



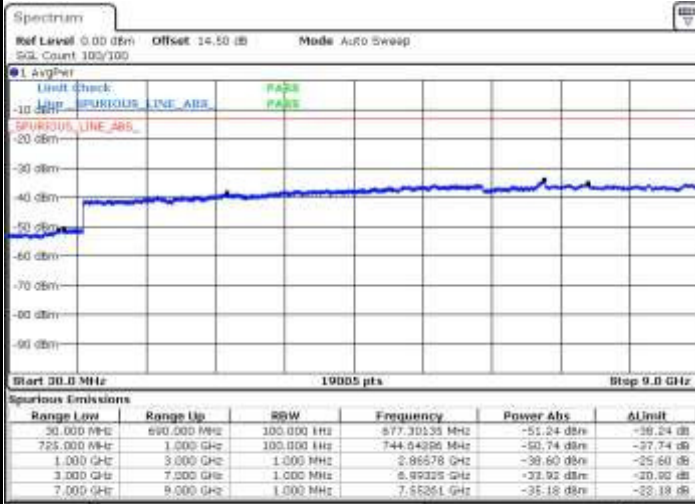
Middle Channel / 16QAM



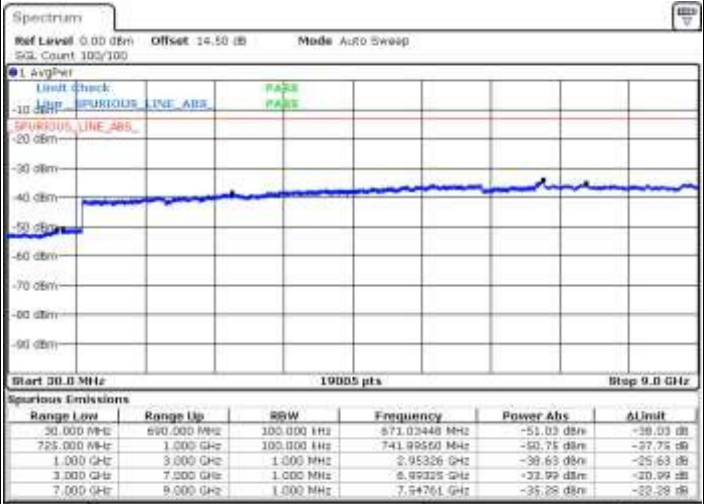


LTE Band 17 / 5MHz

Highest Channel / QPSK

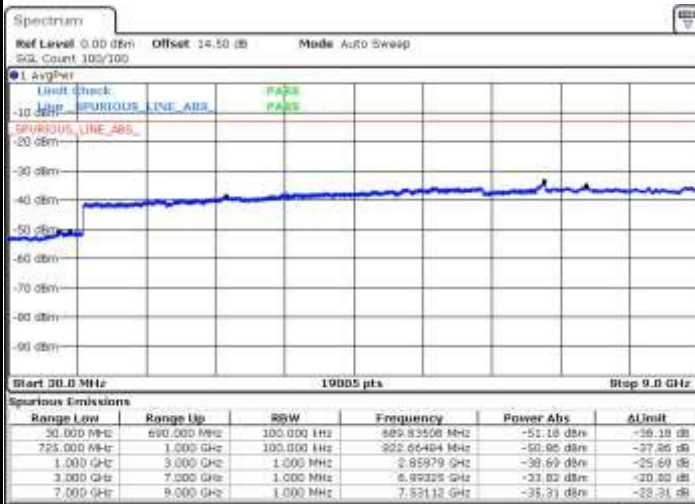


Highest Channel / 16QAM

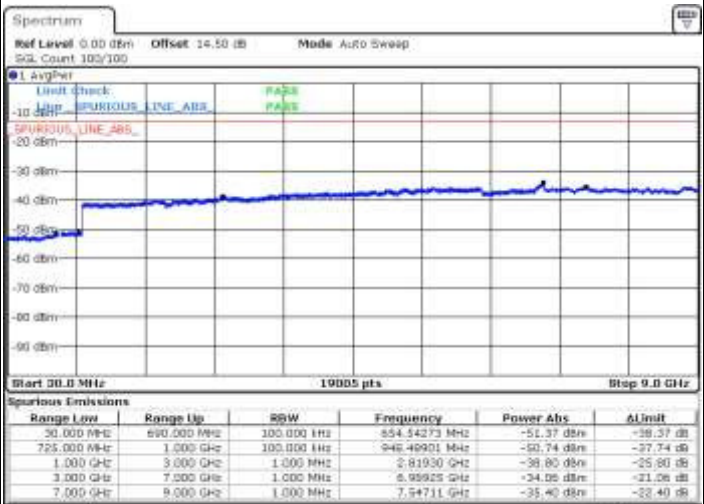


LTE Band 17 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

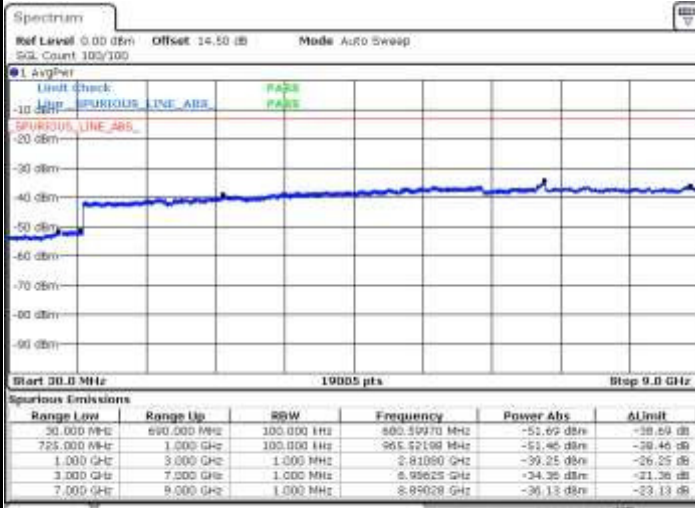




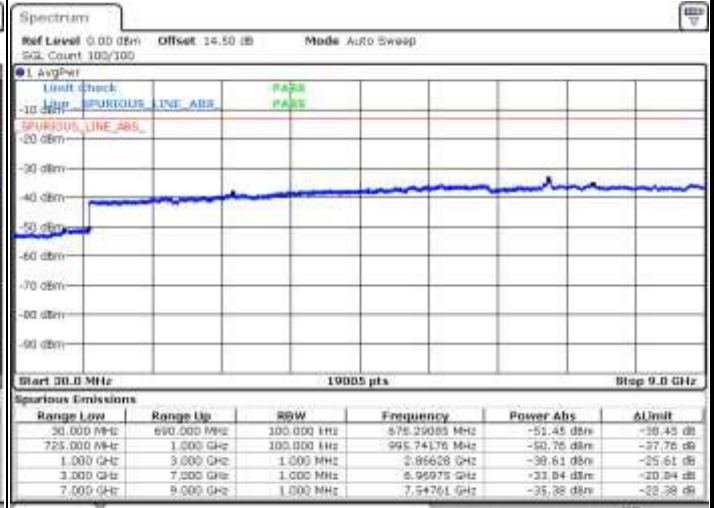


LTE Band 17 / 10MHz

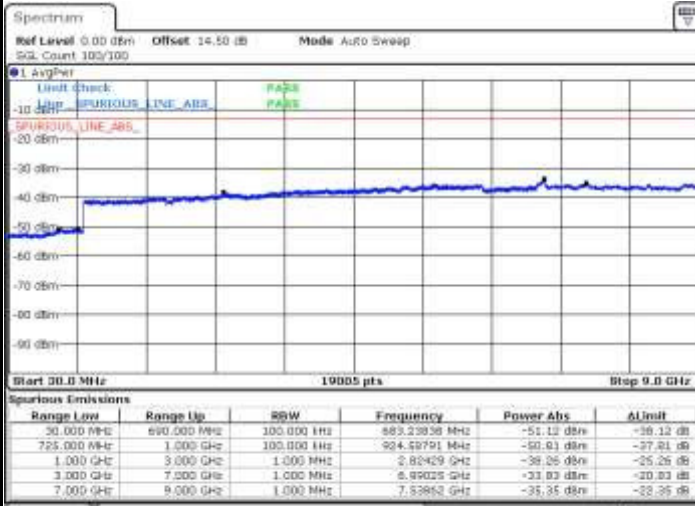
Middle Channel / QPSK



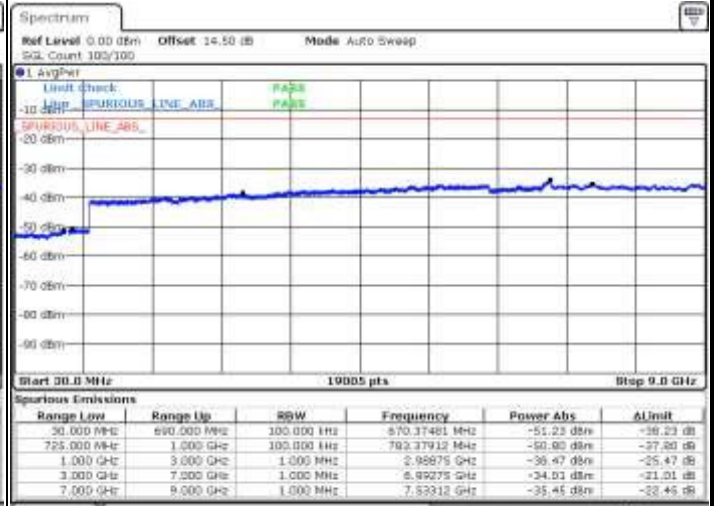
Middle Channel / 16QAM



Highest Channel / QPSK



Highest Channel / 16QAM





**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0063	PASS
40	Normal Voltage	0.0058	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0052	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0058	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0058	

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0108	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0072	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0072	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0060	

**Note:** Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0071	PASS
40	Normal Voltage	0.0085	
30	Normal Voltage	0.0071	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0071	
0	Normal Voltage	0.0113	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0085	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0085	

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0113	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0113	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0127	
-20	Normal Voltage	0.0127	
-30	Normal Voltage	0.0155	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



### Appendix B. Test Results of Radiated Test

#### ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.73	0.3738	23.45	0.2211
Middle		1	0	25.69	0.3710	23.39	0.2184
Highest		3	3	25.20	0.3308	23.53	0.2252
Lowest	16QAM	1	0	21.13	0.1296	24.89	0.3081
Middle		3	3	21.36	0.1369	24.38	0.2744
Highest		3	1	20.82	0.1207	23.06	0.2021
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.31	0.2143	24.51	0.2826
Middle		1	14	23.66	0.2324	24.40	0.2756
Highest		1	14	21.51	0.1416	22.74	0.1880
Lowest	16QAM	1	0	24.08	0.2559	21.54	0.1426
Middle		1	14	24.78	0.3008	21.10	0.1289
Highest		1	0	23.88	0.2444	21.08	0.1283
Limit	EIRP < 2W			Result		PASS	





LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.52	0.3562	23.94	0.2476
Middle		1	0	25.00	0.3165	23.45	0.2215
Highest		1	12	23.97	0.2497	23.46	0.2220
Lowest	16QAM	1	0	25.38	0.3449	22.39	0.1732
Middle		1	24	24.85	0.3057	22.02	0.1593
Highest		1	0	25.23	0.3337	21.18	0.1313
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.96	0.3946	17.14	0.0518
Middle		1	49	25.11	0.3246	17.39	0.0549
Highest		1	0	24.45	0.2788	14.83	0.0304
Lowest	16QAM	1	0	21.38	0.1374	24.94	0.3120
Middle		1	49	20.98	0.1254	24.68	0.2940
Highest		1	0	21.26	0.1338	23.31	0.2144
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.30	0.3392	25.60	0.3635
Middle		1	37	24.60	0.2886	25.69	0.3710
Highest		1	0	23.99	0.2507	25.23	0.3335
Lowest	16QAM	1	0	22.52	0.1788	26.36	0.4330
Middle		1	37	23.80	0.2401	25.84	0.3840
Highest		1	0	23.21	0.2095	24.79	0.3014
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	25.97	0.3950	15.12	0.0325
Middle		1	0	25.34	0.3422	17.79	0.0602
Highest		1	0	24.68	0.2937	15.18	0.0330
Lowest	16QAM	1	0	25.37	0.3440	15.58	0.0361
Middle		1	49	25.14	0.3268	17.04	0.0506
Highest		1	0	24.30	0.2691	14.77	0.0300
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	25.64	0.3660	18.53	0.0712
Middle		3	1	25.68	0.3695	19.85	0.0965
Highest		3	1	25.26	0.3355	20.27	0.1063
Lowest	16QAM	3	1	24.46	0.2789	18.90	0.0775
Middle		1	0	25.18	0.3293	19.47	0.0884
Highest		3	1	24.85	0.3053	19.15	0.0822
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	23.47	0.2221	17.63	0.0579
Middle		1	14	24.20	0.2628	18.06	0.0639
Highest		1	14	22.92	0.1958	16.31	0.0427
Lowest	16QAM	1	8	20.38	0.1090	22.55	0.1797
Middle		1	14	21.42	0.1385	23.20	0.2087
Highest		1	8	20.26	0.1061	21.57	0.1435
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.51	0.1414	16.48	0.0444
Middle		1	0	22.60	0.1818	16.06	0.0403
Highest		1	12	22.23	0.1670	19.42	0.0874
Lowest	16QAM	1	0	24.20	0.2627	25.01	0.3166
Middle		1	0	24.39	0.2745	25.46	0.3512
Highest		1	0	24.06	0.2545	24.61	0.2889
Limit	EIRP < 1W			Result		PASS	



LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	24.67	0.2934	20.29	0.1070
Middle		1	25	25.41	0.3472	20.32	0.1075
Highest		1	0	24.66	0.2926	21.02	0.1266
Lowest	16QAM	1	25	23.89	0.2452	16.97	0.0498
Middle		1	25	24.28	0.2677	18.70	0.0741
Highest		1	49	23.05	0.2020	17.79	0.0602
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.06	0.1609	15.10	0.0324
Middle		1	0	22.83	0.1917	16.64	0.0461
Highest		1	0	22.47	0.1767	16.92	0.0492
Lowest	16QAM	1	0	22.97	0.1984	21.37	0.1372
Middle		1	0	23.19	0.2082	21.15	0.1302
Highest		1	0	22.80	0.1907	22.49	0.1775
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.19	0.2627	21.83	0.1526
Middle		1	0	24.60	0.2881	21.40	0.1379
Highest		1	0	23.86	0.2434	22.08	0.1615
Lowest	16QAM	1	0	22.12	0.1631	23.62	0.2304
Middle		1	49	21.56	0.1431	24.28	0.2677
Highest		1	99	20.76	0.1192	23.98	0.2502
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	25.03	0.3182	18.02	0.0634
Middle		1	0	25.37	0.3440	19.49	0.0888
Highest		3	0	25.68	0.3699	18.61	0.0726
Lowest	16QAM	1	0	24.37	0.2735	17.44	0.0555
Middle		1	0	24.26	0.2667	18.45	0.0700
Highest		1	5	24.78	0.3006	17.74	0.0594
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.39	0.1735	15.76	0.0377
Middle		1	0	22.88	0.1939	16.18	0.0415
Highest		1	0	23.53	0.2253	16.54	0.0451
Lowest	16QAM	1	0	22.64	0.1837	18.31	0.0678
Middle		1	0	23.17	0.2073	19.04	0.0801
Highest		1	0	23.20	0.2088	19.29	0.0849
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.08	0.2560	18.57	0.0720
Middle		1	0	23.54	0.2257	18.73	0.0746
Highest		1	24	24.26	0.2666	16.95	0.0495
Lowest	16QAM	1	24	22.06	0.1608	17.89	0.0615
Middle		1	0	22.03	0.1594	18.27	0.0671
Highest		1	0	23.19	0.2084	17.79	0.0601
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	23.63	0.2308	18.29	0.0675
Middle		1	25	23.24	0.2106	19.89	0.0974
Highest		1	25	24.68	0.2936	21.17	0.1309
Lowest	16QAM	1	25	19.44	0.0879	20.09	0.1021
Middle		1	0	19.59	0.0909	21.20	0.1317
Highest		1	25	20.44	0.1106	20.47	0.1114
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	21.46	0.1399	11.08	0.0128
Middle		1	12	23.01	0.2002	12.76	0.0189
Highest		1	12	22.95	0.1972	11.62	0.0145
Lowest	16QAM	1	24	20.51	0.1124	10.32	0.0108
Middle		1	0	22.01	0.1590	12.29	0.0170
Highest		1	0	21.87	0.1538	11.21	0.0132
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	21.50	0.1412	11.28	0.0134
Middle		1	25	23.18	0.2082	12.82	0.0192
Highest		1	25	22.83	0.1919	11.76	0.0150
Lowest	16QAM	1	25	19.14	0.0820	14.59	0.0288
Middle		1	25	19.78	0.0952	14.71	0.0296
Highest		1	25	20.07	0.1016	14.67	0.0293
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	19.54	0.0899	13.93	0.0247
Middle		1	74	22.34	0.1716	13.92	0.0247
Highest		1	0	19.92	0.0982	13.71	0.0235
Lowest	16QAM	1	74	18.73	0.0746	14.16	0.0260
Middle		1	37	18.93	0.0782	14.81	0.0303
Highest		1	0	19.55	0.0902	15.16	0.0328
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	15.27	0.0336	18.98	0.0790
Middle		1	0	15.92	0.0391	19.86	0.0969
Highest		1	0	16.42	0.0439	19.73	0.0940
Lowest	16QAM	1	0	17.23	0.0528	18.48	0.0704
Middle		1	0	17.19	0.0524	18.67	0.0737
Highest		1	0	17.35	0.0543	18.83	0.0764
Limit	EIRP < 2W			Result		PASS	





LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	16.26	0.0423	21.15	0.1304
Middle		3	3	16.48	0.0444	20.97	0.1249
Highest		3	3	16.19	0.0416	20.90	0.1231
Lowest	16QAM	1	0	15.74	0.0375	17.68	0.0587
Middle		1	0	15.40	0.0346	18.17	0.0655
Highest		3	1	16.54	0.0451	18.27	0.0672
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	17.32	0.0540	21.00	0.1260
Middle		1	14	18.40	0.0691	20.92	0.1235
Highest		1	14	18.94	0.0784	20.79	0.1200
Lowest	16QAM	1	0	16.36	0.0433	20.20	0.1048
Middle		1	0	16.76	0.0474	20.17	0.1039
Highest		1	0	17.55	0.0569	20.25	0.1060
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	20.87	0.1223	21.53	0.1424
Middle		1	12	21.07	0.1278	21.19	0.1314
Highest		1	12	21.10	0.1289	21.08	0.1283
Lowest	16QAM	1	24	16.36	0.0433	22.20	0.1661
Middle		1	0	16.69	0.0466	21.42	0.1385
Highest		1	0	17.12	0.0515	21.37	0.1372
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	18.09	0.0645	23.79	0.2396
Middle		1	25	18.29	0.0674	24.19	0.2621
Highest		1	25	18.31	0.0678	24.25	0.2662
Lowest	16QAM	1	25	24.20	0.2633	20.02	0.1006
Middle		1	0	23.87	0.2435	19.89	0.0974
Highest		1	0	23.67	0.2329	20.00	0.1000
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	20.40	0.1098	21.36	0.1369
Middle		1	0	20.49	0.1118	21.92	0.1554
Highest		1	0	20.51	0.1125	21.88	0.1542
Lowest	16QAM	1	0	17.49	0.0562	19.26	0.0844
Middle		1	12	17.78	0.0599	19.13	0.0818
Highest		1	24	17.35	0.0544	19.02	0.0798
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	14.60	0.0289	15.57	0.0361
Middle		1	25	14.51	0.0282	15.63	0.0365
Highest		1	25	14.17	0.0261	15.62	0.0365
Lowest	16QAM	1	25	19.88	0.0974	18.54	0.0715
Middle		1	25	19.70	0.0932	19.29	0.0848
Highest		1	25	19.28	0.0848	18.78	0.0755
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	3700.32	-53.21	-13	-40.21	-66.76	-59.25	6.56	12.60	H
	5550.48	-52.65	-13	-39.65	-68.59	-57.75	8.00	13.10	H
	7400.64	-49.06	-13	-36.06	-67.80	-50.79	9.57	11.30	H
	3700.32	-53.18	-13	-40.18	-66.53	-59.22	6.56	12.60	V
	5550.48	-51.81	-13	-38.81	-69.16	-56.91	8.00	13.10	V
	7400.64	-48.58	-13	-35.58	-66.98	-50.31	9.57	11.30	V
Middle	3758.92	-53.07	-13	-40.07	-66.62	-59.11	6.56	12.60	H
	5638.38	-53.22	-13	-40.22	-69.16	-58.32	8.00	13.10	H
	7517.84	-48.51	-13	-35.51	-67.25	-50.24	9.57	11.30	H
	3758.92	-53.90	-13	-40.90	-67.25	-59.94	6.56	12.60	V
	5638.38	-51.17	-13	-38.17	-68.52	-56.27	8.00	13.10	V
	7517.84	-48.36	-13	-35.36	-66.76	-50.09	9.57	11.30	V
Highest	3817.52	-51.77	-13	-38.77	-65.32	-57.81	6.56	12.60	H
	5726.28	-52.84	-13	-39.84	-68.78	-57.94	8.00	13.10	H
	7635.04	-48.69	-13	-35.69	-67.43	-50.42	9.57	11.30	H
	3817.52	-51.92	-13	-38.92	-65.27	-57.96	6.56	12.60	V
	5726.28	-50.75	-13	-37.75	-68.1	-55.85	8.00	13.10	V
	7635.04	-48.95	-13	-35.95	-67.35	-50.68	9.57	11.30	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	3700.48	-53.60	-13	-40.60	-67.15	-59.64	6.56	12.60	H
	5550.72	-53.24	-13	-40.24	-69.18	-58.34	8.00	13.10	H
	7400.96	-48.77	-13	-35.77	-67.51	-50.50	9.57	11.30	H
	3700.48	-53.80	-13	-40.80	-67.15	-59.84	6.56	12.60	V
	5550.72	-51.60	-13	-38.60	-68.95	-56.70	8.00	13.10	V
	7400.96	-49.15	-13	-36.15	-67.55	-50.88	9.57	11.30	V
Middle	3757.48	-52.90	-13	-39.90	-66.45	-58.94	6.56	12.60	H
	5636.22	-52.45	-13	-39.45	-68.39	-57.55	8.00	13.10	H
	7514.96	-48.69	-13	-35.69	-67.43	-50.42	9.57	11.30	H
	3757.48	-53.68	-13	-40.68	-67.03	-59.72	6.56	12.60	V
	5636.22	-51.79	-13	-38.79	-69.14	-56.89	8.00	13.10	V
	7514.96	-48.63	-13	-35.63	-67.03	-50.36	9.57	11.30	V
Highest	3814.48	-53.38	-13	-40.38	-66.93	-59.42	6.56	12.60	H
	5721.72	-52.38	-13	-39.38	-68.32	-57.48	8.00	13.10	H
	7628.96	-47.82	-13	-34.82	-66.56	-49.55	9.57	11.30	H
	3814.48	-51.84	-13	-38.84	-65.19	-57.88	6.56	12.60	V
	5721.72	-51.59	-13	-38.59	-68.94	-56.69	8.00	13.10	V
	7628.96	-48.97	-13	-35.97	-67.37	-50.70	9.57	11.30	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	3700.68	-53.20	-13	-40.20	-66.75	-59.24	6.56	12.60	H
	5551.02	-52.87	-13	-39.87	-68.81	-57.97	8.00	13.10	H
	7401.36	-48.76	-13	-35.76	-67.50	-50.49	9.57	11.30	H
	3700.68	-53.24	-13	-40.24	-66.59	-59.28	6.56	12.60	V
	5551.02	-51.11	-13	-38.11	-68.46	-56.21	8.00	13.10	V
	7401.36	-48.91	-13	-35.91	-67.31	-50.64	9.57	11.30	V
Middle	3755.68	-53.45	-13	-40.45	-67.00	-59.49	6.56	12.60	H
	5633.52	-51.80	-13	-38.80	-67.74	-56.90	8.00	13.10	H
	7511.36	-48.02	-13	-35.02	-66.76	-49.75	9.57	11.30	H
	3755.68	-53.62	-13	-40.62	-66.97	-59.66	6.56	12.60	V
	5633.52	-50.79	-13	-37.79	-68.14	-55.89	8.00	13.10	V
	7511.36	-48.26	-13	-35.26	-66.66	-49.99	9.57	11.30	V
Highest	3810.68	-50.43	-13	-37.43	-63.98	-56.47	6.56	12.60	H
	5716.02	-53.01	-13	-40.01	-68.95	-58.11	8.00	13.10	H
	7621.36	-47.72	-13	-34.72	-66.46	-49.45	9.57	11.30	H
	3810.68	-50.38	-13	-37.38	-63.73	-56.42	6.56	12.60	V
	5716.02	-51.72	-13	-38.72	-69.07	-56.82	8.00	13.10	V
	7621.36	-48.45	-13	-35.45	-66.85	-50.18	9.57	11.30	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	3701.18	-53.30	-13	-40.30	-66.85	-59.34	6.56	12.60	H
	5551.77	-52.80	-13	-39.80	-68.74	-57.90	8.00	13.10	H
	7402.36	-49.02	-13	-36.02	-67.76	-50.75	9.57	11.30	H
	3701.18	-53.29	-13	-40.29	-66.64	-59.33	6.56	12.60	V
	5551.77	-52.08	-13	-39.08	-69.43	-57.18	8.00	13.10	V
	7402.36	-48.84	-13	-35.84	-67.24	-50.57	9.57	11.30	V
Middle	3751.18	-53.95	-13	-40.95	-67.50	-59.99	6.56	12.60	H
	5626.77	-52.42	-13	-39.42	-68.36	-57.52	8.00	13.10	H
	7502.36	-48.82	-13	-35.82	-67.56	-50.55	9.57	11.30	H
	3751.18	-53.91	-13	-40.91	-67.26	-59.95	6.56	12.60	V
	5626.77	-51.86	-13	-38.86	-69.21	-56.96	8.00	13.10	V
	7502.36	-48.43	-13	-35.43	-66.83	-50.16	9.57	11.30	V
Highest	3801.18	-53.81	-13	-40.81	-67.36	-59.85	6.56	12.60	H
	5701.77	-53.07	-13	-40.07	-69.01	-58.17	8.00	13.10	H
	7602.36	-48.94	-13	-35.94	-67.68	-50.67	9.57	11.30	H
	3801.18	-53.84	-13	-40.84	-67.19	-59.88	6.56	12.60	V
	5701.77	-51.47	-13	-38.47	-68.82	-56.57	8.00	13.10	V
	7602.36	-48.55	-13	-35.55	-66.95	-50.28	9.57	11.30	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	3701.68	-52.80	-13	-39.80	-66.35	-58.84	6.56	12.60	H
	5552.52	-53.23	-13	-40.23	-69.17	-58.33	8.00	13.10	H
	7403.36	-48.65	-13	-35.65	-67.39	-50.38	9.57	11.30	H
	3701.68	-52.85	-13	-39.85	-66.2	-58.89	6.56	12.60	V
	5552.52	-51.73	-13	-38.73	-69.08	-56.83	8.00	13.10	V
	7403.36	-48.88	-13	-35.88	-67.28	-50.61	9.57	11.30	V
Middle	3746.68	-53.47	-13	-40.47	-67.02	-59.51	6.56	12.60	H
	5620.02	-53.39	-13	-40.39	-69.33	-58.49	8.00	13.10	H
	7493.36	-48.04	-13	-35.04	-66.78	-49.77	9.57	11.30	H
	3746.68	-53.26	-13	-40.26	-66.61	-59.30	6.56	12.60	V
	5620.02	-51.39	-13	-38.39	-68.74	-56.49	8.00	13.10	V
	7493.36	-48.13	-13	-35.13	-66.53	-49.86	9.57	11.30	V
Highest	3791.68	-52.76	-13	-39.76	-66.31	-58.80	6.56	12.60	H
	5687.52	-52.54	-13	-39.54	-68.48	-57.64	8.00	13.10	H
	7583.36	-48.76	-13	-35.76	-67.50	-50.49	9.57	11.30	H
	3791.68	-50.18	-13	-37.18	-63.53	-56.22	6.56	12.60	V
	5687.52	-51.33	-13	-38.33	-68.68	-56.43	8.00	13.10	V
	7583.36	-49.02	-13	-36.02	-67.42	-50.75	9.57	11.30	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	3702.18	-53.25	-13	-40.25	-66.80	-59.29	6.56	12.60	H
	5553.27	-53.15	-13	-40.15	-69.09	-58.25	8.00	13.10	H
	7404.36	-48.41	-13	-35.41	-67.15	-50.14	9.57	11.30	H
	3702.18	-52.72	-13	-39.72	-66.07	-58.76	6.56	12.60	V
	5553.27	-51.16	-13	-38.16	-68.51	-56.26	8.00	13.10	V
	7404.36	-48.56	-13	-35.56	-66.96	-50.29	9.57	11.30	V
Middle	3742.18	-52.67	-13	-39.67	-66.22	-58.71	6.56	12.60	H
	5613.27	-53.11	-13	-40.11	-69.05	-58.21	8.00	13.10	H
	7484.36	-47.63	-13	-34.63	-66.37	-49.36	9.57	11.30	H
	3742.18	-52.03	-13	-39.03	-65.38	-58.07	6.56	12.60	V
	5613.27	-51.22	-13	-38.22	-68.57	-56.32	8.00	13.10	V
	7484.36	-48.30	-13	-35.30	-66.7	-50.03	9.57	11.30	V
Highest	3782.18	-51.12	-13	-38.12	-64.67	-57.16	6.56	12.60	H
	5673.27	-51.98	-13	-38.98	-67.92	-57.08	8.00	13.10	H
	7564.36	-48.19	-13	-35.19	-66.93	-49.92	9.57	11.30	H
	3782.18	-50.70	-13	-37.70	-64.05	-56.74	6.56	12.60	V
	5673.27	-51.94	-13	-38.94	-69.29	-57.04	8.00	13.10	V
	7564.36	-48.86	-13	-35.86	-67.26	-50.59	9.57	11.30	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	3420.32	-46.21	-13	-33.21	-60.96	-52.63	6.18	12.60	H
	5130.48	-48.70	-13	-35.70	-66.70	-53.66	7.74	12.70	H
	6840.64	-48.97	-13	-35.97	-67.78	-51.67	9.00	11.70	H
	3420.32	-53.03	-13	-40.03	-63.98	-59.45	6.18	12.60	V
	5130.48	-55.14	-13	-42.14	-68.14	-60.10	7.74	12.70	V
	6840.64	-51.92	-13	-38.92	-68.63	-54.62	9.00	11.70	V
Middle	3463.74	-46.90	-13	-33.90	-61.65	-53.32	6.18	12.60	H
	5195.61	-49.79	-13	-36.79	-67.79	-54.75	7.74	12.70	H
	6927.48	-49.48	-13	-36.48	-68.29	-52.18	9.00	11.70	H
	3463.74	-52.58	-13	-39.58	-63.53	-59.00	6.18	12.60	V
	5195.61	-54.76	-13	-41.76	-67.76	-59.72	7.74	12.70	V
	6927.48	-51.86	-13	-38.86	-68.57	-54.56	9.00	11.70	V
Highest	3507.52	-42.91	-13	-29.91	-57.66	-49.33	6.18	12.60	H
	5261.28	-50.42	-13	-37.42	-68.42	-55.38	7.74	12.70	H
	7015.04	-48.72	-13	-35.72	-67.53	-51.42	9.00	11.70	H
	3507.52	-51.86	-13	-38.86	-62.81	-58.28	6.18	12.60	V
	5261.28	-55.65	-13	-42.65	-68.65	-60.61	7.74	12.70	V
	7015.04	-51.53	-13	-38.53	-68.24	-54.23	9.00	11.70	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	3420.48	-43.69	-13	-30.69	-58.44	-50.11	6.18	12.60	H
	5130.72	-50.20	-13	-37.20	-68.20	-55.16	7.74	12.70	H
	6840.96	-49.86	-13	-36.86	-68.67	-52.56	9.00	11.70	H
	3420.48	-51.94	-13	-38.94	-62.89	-58.36	6.18	12.60	V
	5130.72	-54.13	-13	-41.13	-67.13	-59.09	7.74	12.70	V
	6840.96	-52.16	-13	-39.16	-68.87	-54.86	9.00	11.70	V
Middle	3462.48	-46.03	-13	-33.03	-60.78	-52.45	6.18	12.60	H
	5193.72	-50.36	-13	-37.36	-68.36	-55.32	7.74	12.70	H
	6924.96	-49.25	-13	-36.25	-68.06	-51.95	9.00	11.70	H
	3462.48	-49.29	-13	-36.29	-60.24	-55.71	6.18	12.60	V
	5193.72	-55.20	-13	-42.20	-68.2	-60.16	7.74	12.70	V
	6924.96	-51.42	-13	-38.42	-68.13	-54.12	9.00	11.70	V
Highest	3504.48	-42.90	-13	-29.90	-57.65	-49.32	6.18	12.60	H
	5256.72	-50.67	-13	-37.67	-68.67	-55.63	7.74	12.70	H
	7008.96	-48.59	-13	-35.59	-67.40	-51.29	9.00	11.70	H
	3504.48	-50.14	-13	-37.14	-61.09	-56.56	6.18	12.60	V
	5256.72	-56.05	-13	-43.05	-69.05	-61.01	7.74	12.70	V
	7008.96	-51.57	-13	-38.57	-68.28	-54.27	9.00	11.70	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	3420.68	-44.05	-13	-31.05	-58.80	-50.47	6.18	12.60	H
	5131.02	-50.07	-13	-37.07	-68.07	-55.03	7.74	12.70	H
	6841.36	-49.57	-13	-36.57	-68.38	-52.27	9.00	11.70	H
	3420.68	-52.39	-13	-39.39	-63.34	-58.81	6.18	12.60	V
	5131.02	-54.93	-13	-41.93	-67.93	-59.89	7.74	12.70	V
	6841.36	-51.84	-13	-38.84	-68.55	-54.54	9.00	11.70	V
Middle	3460.68	-45.13	-13	-32.13	-59.88	-51.55	6.18	12.60	H
	5191.02	-50.83	-13	-37.83	-68.83	-55.79	7.74	12.70	H
	6921.36	-49.79	-13	-36.79	-68.60	-52.49	9.00	11.70	H
	3460.68	-49.35	-13	-36.35	-60.3	-55.77	6.18	12.60	V
	5191.02	-55.91	-13	-42.91	-68.91	-60.87	7.74	12.70	V
	6921.36	-51.55	-13	-38.55	-68.26	-54.25	9.00	11.70	V
Highest	3500.68	-41.85	-13	-28.85	-56.60	-48.27	6.18	12.60	H
	5251.02	-50.80	-13	-37.80	-68.80	-55.76	7.74	12.70	H
	7001.36	-49.79	-13	-36.79	-68.60	-52.49	9.00	11.70	H
	3500.68	-49.87	-13	-36.87	-60.82	-56.29	6.18	12.60	V
	5251.02	-56.03	-13	-43.03	-69.03	-60.99	7.74	12.70	V
	7001.36	-51.62	-13	-38.62	-68.33	-54.32	9.00	11.70	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	3421.18	-46.64	-13	-33.64	-61.39	-53.06	6.18	12.60	H
	5131.77	-49.63	-13	-36.63	-67.63	-54.59	7.74	12.70	H
	6842.36	-49.76	-13	-36.76	-68.57	-52.46	9.00	11.70	H
	3421.18	-52.84	-13	-39.84	-63.79	-59.26	6.18	12.60	V
	5131.77	-55.11	-13	-42.11	-68.11	-60.07	7.74	12.70	V
	6842.36	-52.00	-13	-39.00	-68.71	-54.70	9.00	11.70	V
Middle	3456.18	-46.06	-13	-33.06	-60.81	-52.48	6.18	12.60	H
	5184.27	-50.39	-13	-37.39	-68.39	-55.35	7.74	12.70	H
	6912.36	-48.82	-13	-35.82	-67.63	-51.52	9.00	11.70	H
	3456.18	-45.88	-13	-32.88	-57.55	-52.30	6.18	12.60	V
	5184.27	-55.06	-13	-42.06	-68.06	-60.02	7.74	12.70	V
	6912.36	-51.32	-13	-38.32	-68.03	-54.02	9.00	11.70	V
Highest	3491.18	-43.38	-13	-30.38	-58.13	-49.80	6.18	12.60	H
	5236.77	-50.20	-13	-37.20	-68.20	-55.16	7.74	12.70	H
	6982.36	-48.95	-13	-35.95	-67.76	-51.65	9.00	11.70	H
	3491.18	-50.20	-13	-37.20	-61.15	-56.62	6.18	12.60	V
	5236.77	-55.45	-13	-42.45	-68.45	-60.41	7.74	12.70	V
	6982.36	-51.14	-13	-38.14	-67.85	-53.84	9.00	11.70	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	3421.68	-44.09	-13	-31.09	-58.84	-50.51	6.18	12.60	H
	5132.52	-49.91	-13	-36.91	-67.91	-54.87	7.74	12.70	H
	6843.36	-50.36	-13	-37.36	-69.17	-53.06	9.00	11.70	H
	3421.68	-51.46	-13	-38.46	-62.41	-57.88	6.18	12.60	V
	5132.52	-55.61	-13	-42.61	-68.61	-60.57	7.74	12.70	V
	6843.36	-52.09	-13	-39.09	-68.8	-54.79	9.00	11.70	V
Middle	3451.68	-46.73	-13	-33.73	-61.48	-53.15	6.18	12.60	H
	5177.52	-50.02	-13	-37.02	-68.02	-54.98	7.74	12.70	H
	6903.36	-49.42	-13	-36.42	-68.23	-52.12	9.00	11.70	H
	3451.68	-47.54	-13	-34.54	-58.49	-53.96	6.18	12.60	V
	5177.52	-55.63	-13	-42.63	-68.63	-60.59	7.74	12.70	V
	6903.36	-51.41	-13	-38.41	-68.12	-54.11	9.00	11.70	V
Highest	3481.68	-45.15	-13	-32.15	-59.90	-51.57	6.18	12.60	H
	5222.52	-50.74	-13	-37.74	-68.74	-55.70	7.74	12.70	H
	6963.36	-49.48	-13	-36.48	-68.29	-52.18	9.00	11.70	H
	3481.68	-51.31	-13	-38.31	-62.26	-57.73	6.18	12.60	V
	5222.52	-56.05	-13	-43.05	-69.05	-61.01	7.74	12.70	V
	6963.36	-51.47	-13	-38.47	-68.18	-54.17	9.00	11.70	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	3422.18	-44.06	-13	-31.06	-58.81	-50.48	6.18	12.60	H
	5133.27	-50.58	-13	-37.58	-68.58	-55.54	7.74	12.70	H
	6844.36	-50.05	-13	-37.05	-68.86	-52.75	9.00	11.70	H
	3422.18	-51.18	-13	-38.18	-62.13	-57.60	6.18	12.60	V
	5133.27	-55.33	-13	-42.33	-68.33	-60.29	7.74	12.70	V
	6844.36	-51.62	-13	-38.62	-68.33	-54.32	9.00	11.70	V
Middle	3447.18	-44.42	-13	-31.42	-59.17	-50.84	6.18	12.60	H
	5170.77	-50.73	-13	-37.73	-68.73	-55.69	7.74	12.70	H
	6894.36	-49.30	-13	-36.30	-68.11	-52.00	9.00	11.70	H
	3447.18	-49.22	-13	-36.22	-60.17	-55.64	6.18	12.60	V
	5170.77	-54.92	-13	-41.92	-67.92	-59.88	7.74	12.70	V
	6894.36	-51.57	-13	-38.57	-68.28	-54.27	9.00	11.70	V
Highest	3472.18	-46.29	-13	-33.29	-61.04	-52.71	6.18	12.60	H
	5208.27	-50.71	-13	-37.71	-68.71	-55.67	7.74	12.70	H
	6944.36	-49.61	-13	-36.61	-68.42	-52.31	9.00	11.70	H
	3472.18	-50.06	-13	-37.06	-61.01	-56.48	6.18	12.60	V
	5208.27	-55.72	-13	-42.72	-68.72	-60.68	7.74	12.70	V
	6944.36	-51.68	-13	-38.68	-68.39	-54.38	9.00	11.70	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	1671.92	-41.22	-13	-28.22	-47.15	-47.91	0.56	9.40	H
	2507.88	-53.66	-13	-40.66	-59.40	-61.37	0.74	10.60	H
	3343.84	-55.96	-13	-42.96	-64.77	-65.56	0.85	12.60	H
	1671.92	-43.71	-13	-30.71	-48.69	-50.40	0.56	9.40	V
	2507.88	-57.48	-13	-44.48	-63.06	-65.19	0.74	10.60	V
	3343.84	-57.46	-13	-44.46	-65.60	-67.06	0.85	12.60	V
Middle	1671.92	-44.43	-13	-31.43	-49.94	-51.12	0.56	9.40	H
	2507.88	-50.30	-13	-37.30	-56.51	-58.01	0.74	10.60	H
	3343.84	-53.47	-13	-40.47	-62.28	-63.07	0.85	12.60	H
	1671.92	-47.36	-13	-34.36	-51.44	-54.05	0.56	9.40	V
	2507.88	-55.19	-13	-42.19	-60.77	-62.90	0.74	10.60	V
	3343.84	-56.62	-13	-43.62	-64.76	-66.22	0.85	12.60	V
Highest	1695.52	-43.16	-13	-30.16	-48.83	-49.85	0.56	9.40	H
	2543.28	-54.09	-13	-41.09	-59.83	-61.80	0.74	10.60	H
	3391.04	-55.56	-13	-42.56	-64.37	-65.16	0.85	12.60	H
	1695.52	-49.96	-13	-36.96	-53.57	-56.65	0.56	9.40	V
	2543.28	-56.56	-13	-43.56	-62.14	-64.27	0.74	10.60	V
	3391.04	-58.18	-13	-45.18	-66.32	-67.78	0.85	12.60	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	1648.48	-46.14	-13	-33.14	-51.17	-52.83	0.56	9.40	H
	2472.72	-53.80	-13	-40.80	-59.54	-61.51	0.74	10.60	H
	3296.96	-57.36	-13	-44.36	-66.17	-66.96	0.85	12.60	H
	1648.48	-54.09	-13	-41.09	-56.28	-60.78	0.56	9.40	V
	2472.72	-59.03	-13	-46.03	-64.61	-66.74	0.74	10.60	V
	3296.96	-57.29	-13	-44.29	-65.43	-66.89	0.85	12.60	V
Middle	1670.48	-46.26	-13	-33.26	-51.27	-52.95	0.56	9.40	H
	2505.72	-53.12	-13	-40.12	-58.86	-60.83	0.74	10.60	H
	3340.96	-58.09	-13	-45.09	-66.90	-67.69	0.85	12.60	H
	1670.48	-47.29	-13	-34.29	-51.38	-53.98	0.56	9.40	V
	2505.72	-57.82	-13	-44.82	-63.40	-65.53	0.74	10.60	V
	3340.96	-58.08	-13	-45.08	-66.22	-67.68	0.85	12.60	V
Highest	1692.48	-46.89	-13	-33.89	-51.76	-53.58	0.56	9.40	H
	2538.72	-57.55	-13	-44.55	-63.29	-65.26	0.74	10.60	H
	3384.96	-58.21	-13	-45.21	-67.02	-67.81	0.85	12.60	H
	1692.48	-53.48	-13	-40.48	-55.81	-60.17	0.56	9.40	V
	2538.72	-59.10	-13	-46.10	-64.68	-66.81	0.74	10.60	V
	3384.96	-59.04	-13	-46.04	-67.18	-68.64	0.85	12.60	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	1648.68	-46.20	-13	-33.20	-51.22	-52.89	0.56	9.40	H
	2473.02	-52.07	-13	-39.07	-57.81	-59.78	0.74	10.60	H
	3297.36	-57.45	-13	-44.45	-66.26	-67.05	0.85	12.60	H
	1648.68	-51.28	-13	-38.28	-54.50	-57.97	0.56	9.40	V
	2473.02	-58.25	-13	-45.25	-63.83	-65.96	0.74	10.60	V
	3297.36	-56.04	-13	-43.04	-64.18	-65.64	0.85	12.60	V
Middle	1668.68	-46.73	-13	-33.73	-51.63	-53.42	0.56	9.40	H
	2503.02	-53.11	-13	-40.11	-58.85	-60.82	0.74	10.60	H
	3337.36	-57.30	-13	-44.30	-66.11	-66.90	0.85	12.60	H
	1668.68	-47.15	-13	-34.15	-51.26	-53.84	0.56	9.40	V
	2503.02	-58.59	-13	-45.59	-64.17	-66.30	0.74	10.60	V
	3337.36	-58.94	-13	-45.94	-67.08	-68.54	0.85	12.60	V
Highest	1688.68	-45.84	-13	-32.84	-50.96	-52.53	0.56	9.40	H
	2533.02	-55.58	-13	-42.58	-61.32	-63.29	0.74	10.60	H
	3377.36	-57.14	-13	-44.14	-65.95	-66.74	0.85	12.60	H
	1688.68	-56.60	-13	-43.60	-58.26	-63.29	0.56	9.40	V
	2533.02	-58.19	-13	-45.19	-63.77	-65.90	0.74	10.60	V
	3377.36	-59.29	-13	-46.29	-67.43	-68.89	0.85	12.60	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	1649.18	-45.90	-13	-32.90	-51.00	-52.59	0.56	9.40	H
	2473.77	-54.11	-13	-41.11	-59.85	-61.82	0.74	10.60	H
	3298.36	-57.26	-13	-44.26	-66.07	-66.86	0.85	12.60	H
	1649.18	-55.00	-13	-42.00	-56.66	-61.69	0.56	9.40	V
	2473.77	-59.05	-13	-46.05	-64.63	-66.76	0.74	10.60	V
	3298.36	-58.54	-13	-45.54	-66.68	-68.14	0.85	12.60	V
Middle	1664.18	-47.55	-13	-34.55	-52.35	-54.24	0.56	9.40	H
	2496.27	-54.42	-13	-41.42	-60.16	-62.13	0.74	10.60	H
	3328.36	-58.55	-13	-45.55	-67.36	-68.15	0.85	12.60	H
	1664.18	-47.96	-13	-34.96	-51.94	-54.65	0.56	9.40	V
	2496.27	-60.06	-13	-47.06	-65.64	-67.77	0.74	10.60	V
	3328.36	-58.22	-13	-45.22	-66.36	-67.82	0.85	12.60	V
Highest	1679.18	-43.08	-13	-30.08	-48.76	-49.77	0.56	9.40	H
	2518.77	-52.10	-13	-39.10	-57.84	-59.81	0.74	10.60	H
	3358.36	-55.29	-13	-42.29	-64.10	-64.89	0.85	12.60	H
	1679.18	-52.93	-13	-39.93	-55.38	-59.62	0.56	9.40	V
	2518.77	-57.03	-13	-44.03	-62.61	-64.74	0.74	10.60	V
	3358.36	-58.19	-13	-45.19	-66.33	-67.79	0.85	12.60	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)
Middle	5065.68	-62.57	-25	-37.57	-78.77	-74.33	0.94	12.70	H
	7598.52	-57.79	-25	-32.79	-79.16	-67.80	1.69	11.70	H
	10131.36	-55.29	-25	-30.29	-79.65	-65.95	1.44	12.10	H
	5065.68	-63.09	-25	-38.09	-78.84	-74.85	0.94	12.70	V
	7598.52	-58.22	-25	-33.22	-79.21	-68.23	1.69	11.70	V
	10131.36	-56.92	-25	-31.92	-79.82	-67.58	1.44	12.10	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)
Middle	5061.18	-62.88	-25	-37.88	-79.08	-74.64	0.94	12.70	H
	7591.77	-57.37	-25	-32.37	-78.74	-67.38	1.69	11.70	H
	10122.36	-55.18	-25	-30.18	-79.54	-65.84	1.44	12.10	H
	5061.18	-63.46	-25	-38.46	-79.21	-75.22	0.94	12.70	V
	7591.77	-58.18	-25	-33.18	-79.17	-68.19	1.69	11.70	V
	10122.36	-56.67	-25	-31.67	-79.57	-67.33	1.44	12.10	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)
Middle	5056.68	-62.85	-25	-37.85	-79.05	-74.61	0.94	12.70	H
	7585.02	-57.46	-25	-32.46	-78.83	-67.47	1.69	11.70	H
	10113.36	-55.15	-25	-30.15	-79.51	-65.81	1.44	12.10	H
	5056.68	-63.32	-25	-38.32	-79.07	-75.08	0.94	12.70	V
	7585.02	-57.90	-25	-32.90	-78.89	-67.91	1.69	11.70	V
	10113.36	-56.65	-25	-31.65	-79.55	-67.31	1.44	12.10	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)
Middle	5052.18	-62.56	-25	-37.56	-78.76	-74.32	0.94	12.70	H
	7578.27	-57.48	-25	-32.48	-78.85	-67.49	1.69	11.70	H
	10104.36	-54.81	-25	-29.81	-79.17	-65.47	1.44	12.10	H
	5052.18	-63.20	-25	-38.20	-78.95	-74.96	0.94	12.70	V
	7578.27	-57.83	-25	-32.83	-78.82	-67.84	1.69	11.70	V
	10104.36	-55.99	-25	-30.99	-78.89	-66.65	1.44	12.10	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	1398.14	-45.24	-13	-32.24	-50.56	-51.93	0.56	9.40	H
	2097.21	-55.10	-13	-42.10	-60.84	-62.81	0.74	10.60	H
	2796.28	-57.16	-13	-44.16	-65.97	-66.76	0.85	12.60	H
	3495.8	-52.56	-13	-39.56	-64.08	-62.12	0.89	12.60	H
	1398.14	-47.33	-13	-34.33	-51.41	-54.02	0.56	9.40	V
	2097.21	-55.36	-13	-42.36	-60.94	-63.07	0.74	10.60	V
	2796.28	-57.79	-13	-44.79	-65.93	-67.39	0.85	12.60	V
	3495.8	-49.42	-13	-36.42	-60.54	-58.98	0.89	12.60	V
Middle	1413.74	-42.43	-13	-29.43	-48.15	-49.12	0.56	9.40	H
	2120.61	-53.72	-13	-40.72	-59.46	-61.43	0.74	10.60	H
	2827.48	-57.25	-13	-44.25	-66.06	-66.85	0.85	12.60	H
	3534.35	-53.91	-13	-40.91	-65.43	-63.47	0.89	12.60	H
	1413.74	-42.89	-13	-29.89	-47.92	-49.58	0.56	9.40	V
	2120.61	-52.26	-13	-39.26	-58.08	-59.97	0.74	10.60	V
	2827.48	-52.67	-13	-39.67	-60.81	-62.27	0.85	12.60	V
	3534.35	-49.32	-13	-36.32	-60.44	-58.88	0.89	12.60	V
Highest	1429.34	-42.07	-13	-29.07	-47.82	-48.76	0.56	9.40	H
	2144.01	-53.93	-13	-40.93	-59.67	-61.64	0.74	10.60	H
	2858.68	-51.94	-13	-38.94	-60.75	-61.54	0.85	12.60	H
	3573.8	-52.71	-13	-39.71	-64.23	-62.27	0.89	12.60	H
	1429.34	-40.89	-13	-27.89	-46.20	-47.58	0.56	9.40	V
	2144.01	-53.40	-13	-40.40	-58.98	-61.11	0.74	10.60	V
	2858.68	-49.64	-13	-36.64	-57.99	-59.24	0.85	12.60	V
	3573.8	-46.41	-13	-33.41	-57.53	-55.97	0.89	12.60	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	1398.3	-60.91	-13	-47.91	-63.74	-67.60	0.56	9.40	H
	2097.45	-59.31	-13	-46.31	-65.05	-67.02	0.74	10.60	H
	2796.6	-58.17	-13	-45.17	-66.98	-67.77	0.85	12.60	H
	1398.3	-61.54	-13	-48.54	-63.20	-68.23	0.56	9.40	V
	2097.45	-59.71	-13	-46.71	-65.29	-67.42	0.74	10.60	V
	2796.6	-58.52	-13	-45.52	-66.66	-68.12	0.85	12.60	V
Middle	1412.3	-58.31	-13	-45.31	-61.14	-65.00	0.56	9.40	H
	2118.45	-60.32	-13	-47.32	-66.06	-68.03	0.74	10.60	H
	2824.6	-56.54	-13	-43.54	-65.35	-66.14	0.85	12.60	H
	1412.3	-60.09	-13	-47.09	-61.75	-66.78	0.56	9.40	V
	2118.45	-60.65	-13	-47.65	-66.23	-68.36	0.74	10.60	V
	2824.6	-57.77	-13	-44.77	-65.91	-67.37	0.85	12.60	V
Highest	1427	-57.51	-13	-44.51	-60.34	-64.20	0.56	9.40	H
	2140.5	-59.91	-13	-46.91	-65.65	-67.62	0.74	10.60	H
	2854	-57.39	-13	-44.39	-66.20	-66.99	0.85	12.60	H
	1427	-58.98	-13	-45.98	-60.64	-65.67	0.56	9.40	V
	2140.5	-58.69	-13	-45.69	-64.27	-66.40	0.74	10.60	V
	2854	-57.27	-13	-44.27	-65.41	-66.87	0.85	12.60	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	1398.5	-60.53	-13	-47.53	-63.36	-67.22	0.56	9.40	H
	2097.75	-60.14	-13	-47.14	-65.88	-67.85	0.74	10.60	H
	2797	-57.74	-13	-44.74	-66.55	-67.34	0.85	12.60	H
	1398.5	-61.79	-13	-48.79	-63.45	-68.48	0.56	9.40	V
	2097.75	-60.64	-13	-47.64	-66.22	-68.35	0.74	10.60	V
	2797	-58.11	-13	-45.11	-66.25	-67.71	0.85	12.60	V
Middle	1410.5	-58.81	-13	-45.81	-61.64	-65.50	0.56	9.40	H
	2115.75	-60.79	-13	-47.79	-66.53	-68.50	0.74	10.60	H
	2821	-56.95	-13	-43.95	-65.76	-66.55	0.85	12.60	H
	1410.5	-58.68	-13	-45.68	-60.34	-65.37	0.56	9.40	V
	2115.75	-55.62	-13	-42.62	-61.20	-63.33	0.74	10.60	V
	2821	-58.49	-13	-45.49	-66.63	-68.09	0.85	12.60	V
Highest	1422.5	-58.71	-13	-45.71	-61.54	-65.40	0.56	9.40	H
	2133.75	-60.94	-13	-47.94	-66.68	-68.65	0.74	10.60	H
	2845	-56.65	-13	-43.65	-65.46	-66.25	0.85	12.60	H
	1422.5	-59.18	-13	-46.18	-60.84	-65.87	0.56	9.40	V
	2133.75	-59.10	-13	-46.10	-64.68	-66.81	0.74	10.60	V
	2845	-58.20	-13	-45.20	-66.34	-67.80	0.85	12.60	V

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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	1399	-60.02	-13	-47.02	-62.85	-66.71	0.56	9.40	H
	2098.5	-59.89	-13	-46.89	-65.63	-67.60	0.74	10.60	H
	2798	-58.03	-13	-45.03	-66.84	-67.63	0.85	12.60	H
	1399	-61.82	-13	-48.82	-63.48	-68.51	0.56	9.40	V
	2098.5	-60.30	-13	-47.30	-65.88	-68.01	0.74	10.60	V
	2798	-58.30	-13	-45.30	-66.44	-67.90	0.85	12.60	V
Middle	1406	-58.45	-13	-45.45	-61.28	-65.14	0.56	9.40	H
	2109	-59.54	-13	-46.54	-65.28	-67.25	0.74	10.60	H
	2812	-57.49	-13	-44.49	-66.30	-67.09	0.85	12.60	H
	1406	-59.74	-13	-46.74	-61.40	-66.43	0.56	9.40	V
	2109	-59.71	-13	-46.71	-65.29	-67.42	0.74	10.60	V
	2812	-57.25	-13	-44.25	-65.39	-66.85	0.85	12.60	V
Highest	1413	-57.22	-13	-44.22	-60.05	-63.91	0.56	9.40	H
	2119.5	-60.51	-13	-47.51	-66.25	-68.22	0.74	10.60	H
	2826	-57.10	-13	-44.10	-65.91	-66.70	0.85	12.60	H
	1413	-58.59	-13	-45.59	-60.25	-65.28	0.56	9.40	V
	2119.5	-60.53	-13	-47.53	-66.11	-68.24	0.74	10.60	V
	2826	-58.20	-13	-45.20	-66.34	-67.80	0.85	12.60	V

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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	1408.68	-35.62	-13	-22.62	-42.00	-42.31	0.56	9.40	H
	2113.02	-53.79	-13	-40.79	-59.53	-61.50	0.74	10.60	H
	2817.36	-54.99	-13	-41.99	-63.80	-64.59	0.85	12.60	H
	1408.68	-35.08	-13	-22.08	-40.84	-41.77	0.56	9.40	V
	2113.02	-54.24	-13	-41.24	-59.82	-61.95	0.74	10.60	V
	2817.36	-53.63	-13	-40.63	-61.77	-63.23	0.85	12.60	V
Middle	1415.68	-34.30	-13	-21.30	-40.79	-40.99	0.56	9.40	H
	2123.58	-51.81	-13	-38.81	-57.64	-59.52	0.74	10.60	H
	2831.36	-57.08	-13	-44.08	-65.89	-66.68	0.85	12.60	H
	1415.68	-32.57	-13	-19.57	-38.41	-39.26	0.56	9.40	V
	2123.58	-49.34	-13	-36.34	-55.90	-57.05	0.74	10.60	V
	2831.36	-53.30	-13	-40.30	-61.44	-62.90	0.85	12.60	V
Highest	1422.68	-35.69	-13	-22.69	-42.06	-42.38	0.56	9.40	H
	2134.02	-51.38	-13	-38.38	-57.41	-59.09	0.74	10.60	H
	2845.36	-56.60	-13	-43.60	-65.41	-66.20	0.85	12.60	H
	1422.68	-33.02	-13	-20.02	-38.81	-39.71	0.56	9.40	V
	2134.02	-50.41	-13	-37.41	-56.62	-58.12	0.74	10.60	V
	2845.36	-54.37	-13	-41.37	-62.51	-63.97	0.85	12.60	V

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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	1409.18	-35.02	-13	-22.02	-41.45	-41.71	0.56	9.40	H
	2113.77	-53.81	-13	-40.81	-59.55	-61.52	0.74	10.60	H
	2818.36	-55.30	-13	-42.30	-64.11	-64.90	0.85	12.60	H
	1409.18	-35.77	-13	-22.77	-41.54	-42.46	0.56	9.40	V
	2113.77	-54.39	-13	-41.39	-59.97	-62.10	0.74	10.60	V
	2818.36	-53.84	-13	-40.84	-61.98	-63.44	0.85	12.60	V
Middle	1411.18	-34.52	-13	-21.52	-40.99	-41.21	0.56	9.40	H
	2116.77	-53.37	-13	-40.37	-59.11	-61.08	0.74	10.60	H
	2822.36	-56.00	-13	-43.00	-64.81	-65.60	0.85	12.60	H
	1411.18	-35.11	-13	-22.11	-40.87	-41.80	0.56	9.40	V
	2116.77	-53.13	-13	-40.13	-58.71	-60.84	0.74	10.60	V
	2822.36	-51.47	-13	-38.47	-59.61	-61.07	0.85	12.60	V
Highest	1413.18	-35.52	-13	-22.52	-41.91	-42.21	0.56	9.40	H
	2119.77	-50.96	-13	-37.96	-57.17	-58.67	0.74	10.60	H
	2826.36	-56.04	-13	-43.04	-64.85	-65.64	0.85	12.60	H
	1413.18	-33.79	-13	-20.79	-39.65	-40.48	0.56	9.40	V
	2119.77	-50.11	-13	-37.11	-56.52	-57.82	0.74	10.60	V
	2826.36	-50.84	-13	-37.84	-58.98	-60.44	0.85	12.60	V

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