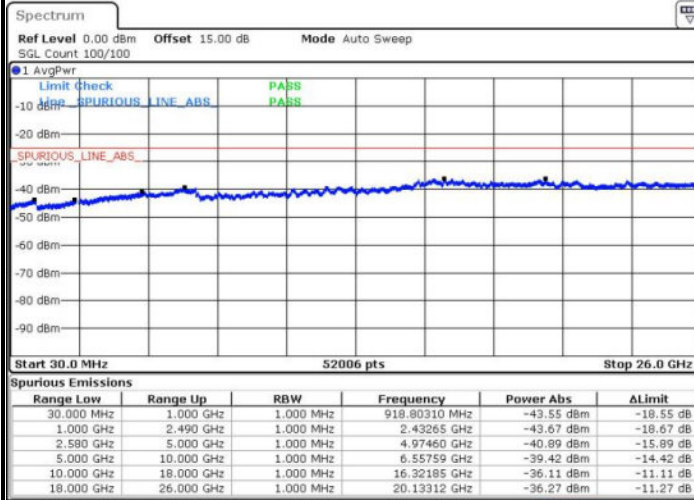




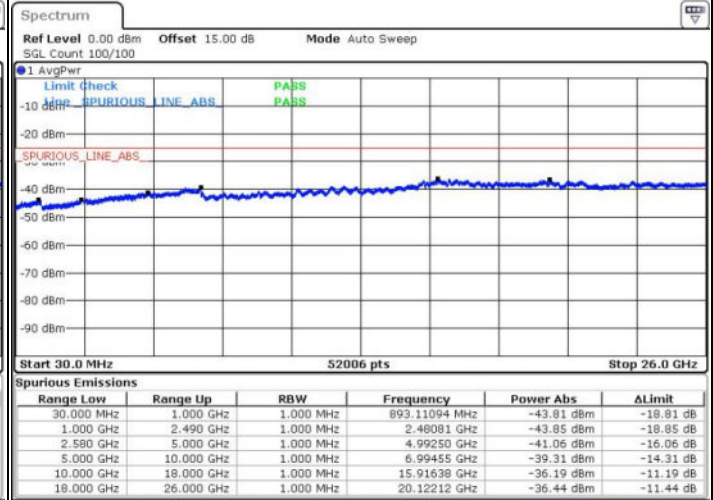
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 29 MAY 2016 16:52:26

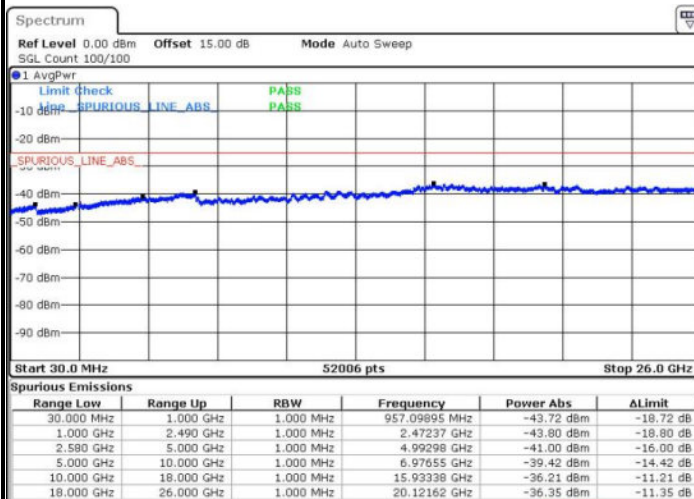
Highest Channel / 16QAM



Date: 29 MAY 2016 16:53:21

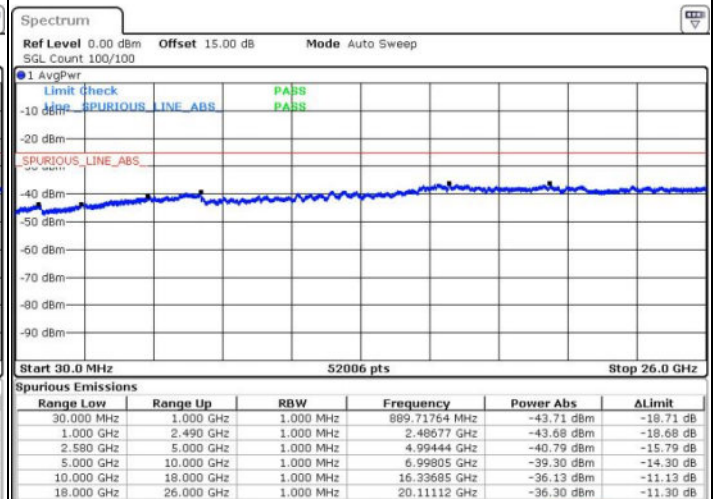
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 29 MAY 2016 16:54:19

Lowest Channel / 16QAM

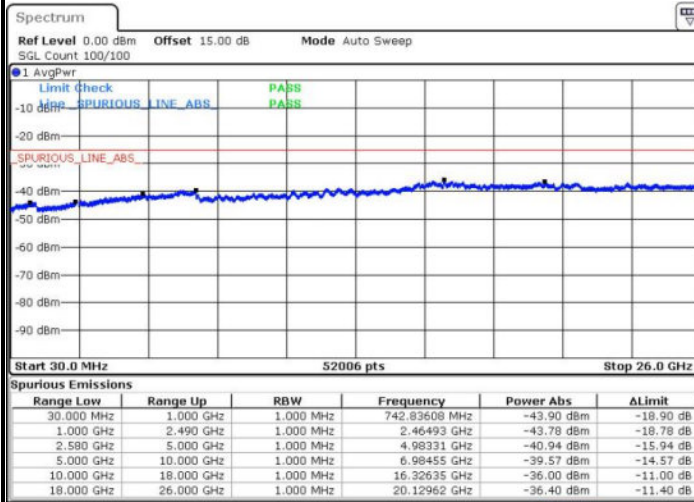


Date: 29 MAY 2016 16:55:09



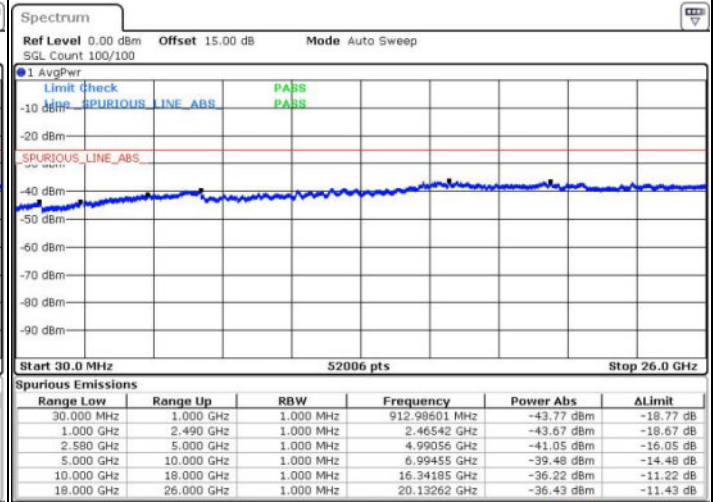
LTE Band 7 / 10MHz

Middle Channel / QPSK



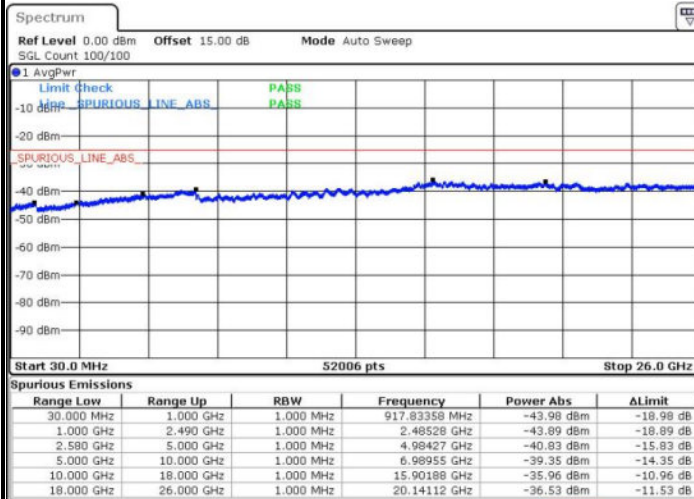
Date: 29 MAY 2016 16:56:00

Middle Channel / 16QAM



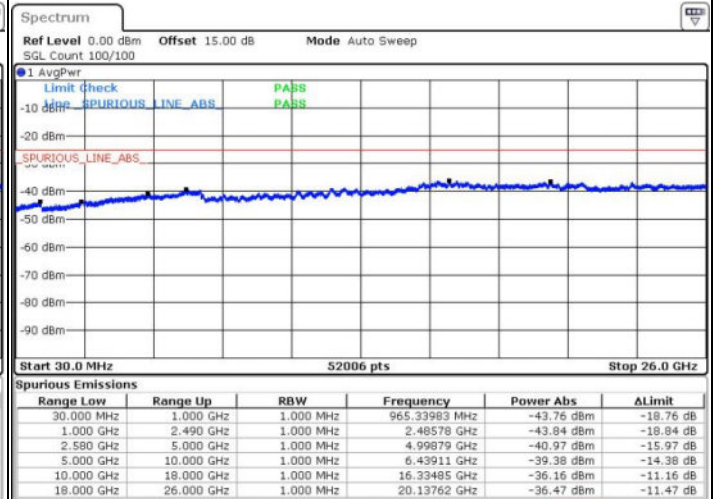
Date: 29 MAY 2016 16:56:58

Highest Channel / QPSK



Date: 29 MAY 2016 16:57:48

Highest Channel / 16QAM

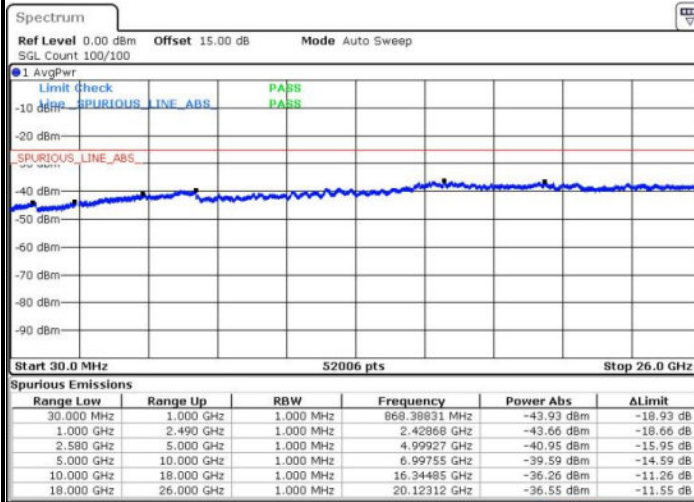


Date: 29 MAY 2016 16:58:40



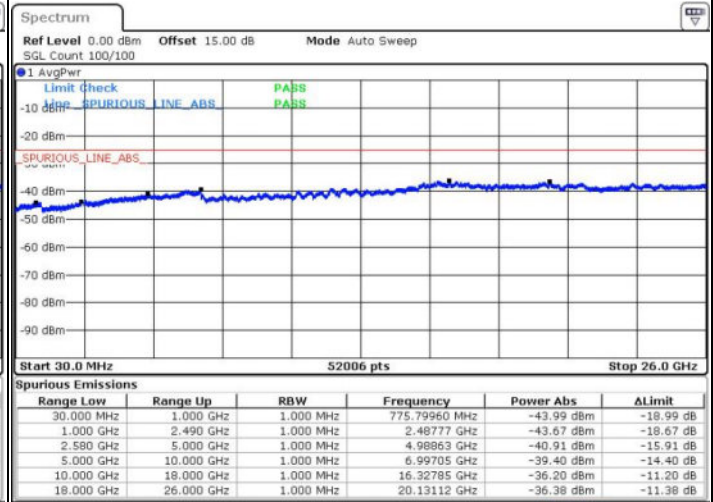
LTE Band 7 / 15MHz

Lowest Channel / QPSK



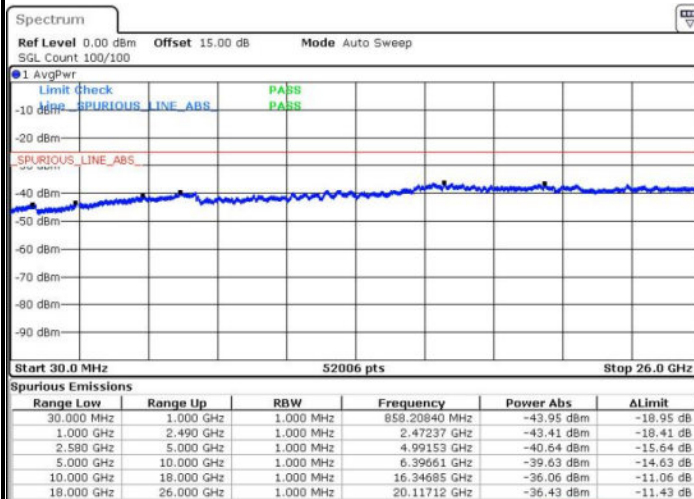
Date: 29 MAY 2016 16:59:36

Lowest Channel / 16QAM



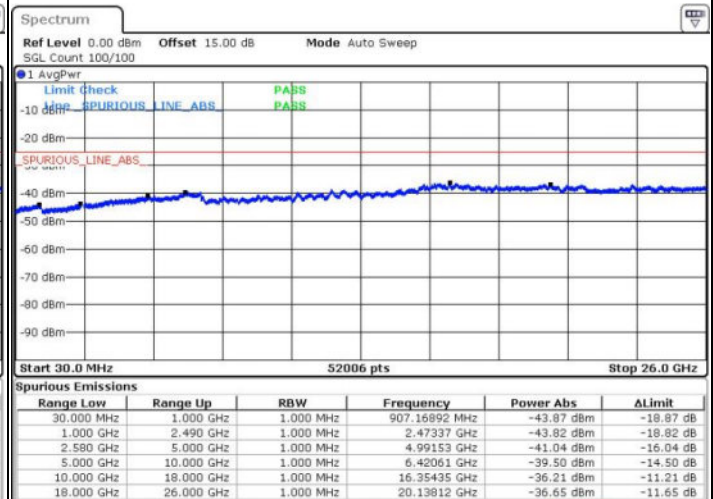
Date: 29 MAY 2016 17:00:28

Middle Channel / QPSK



Date: 29 MAY 2016 17:01:19

Middle Channel / 16QAM

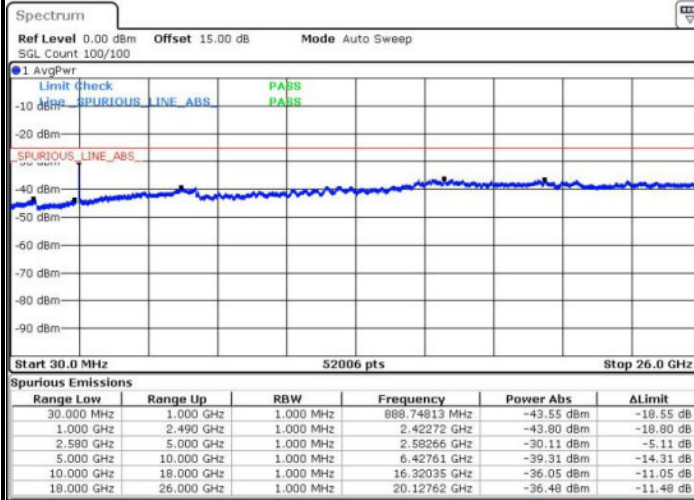


Date: 29 MAY 2016 17:02:12



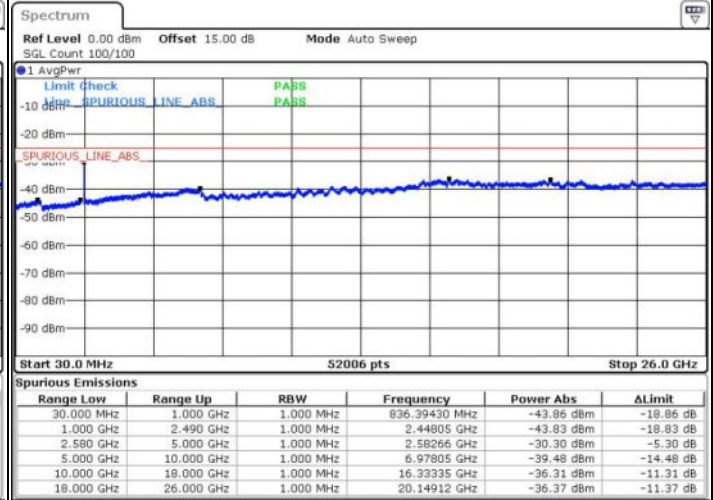
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 29 MAY 2016 17:03:11

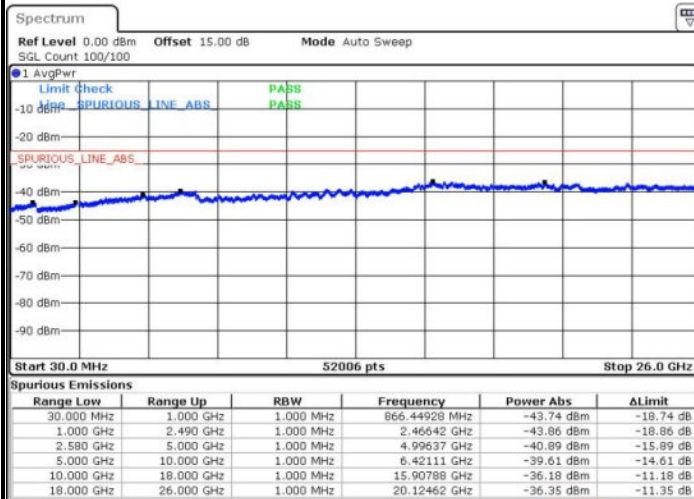
Highest Channel / 16QAM



Date: 29 MAY 2016 17:04:17

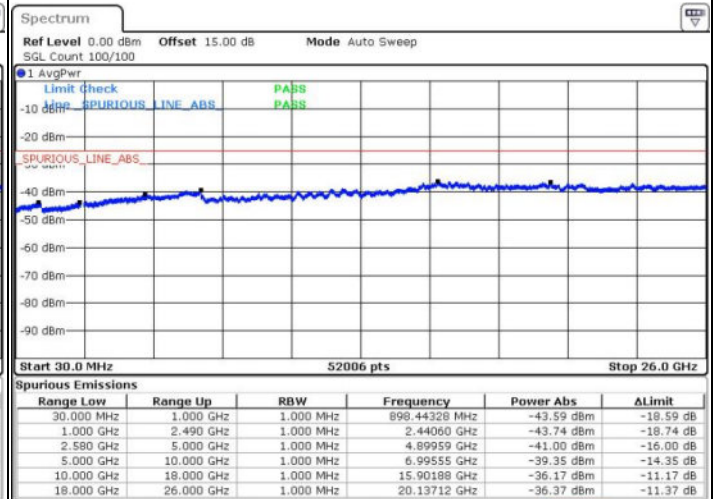
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 29 MAY 2016 17:05:18

Lowest Channel / 16QAM

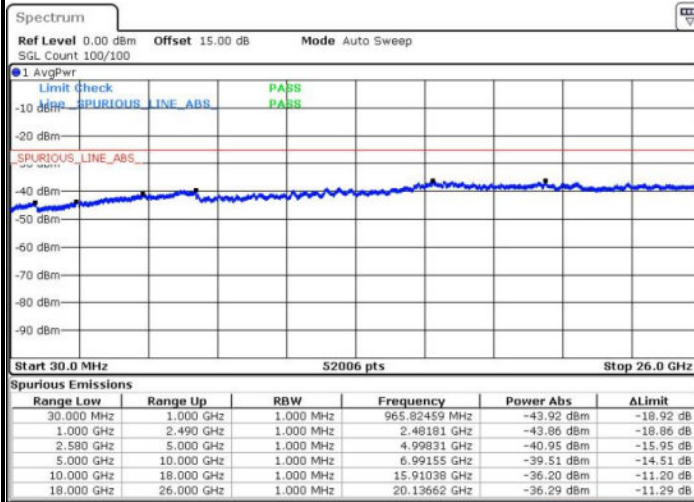


Date: 29 MAY 2016 17:06:13



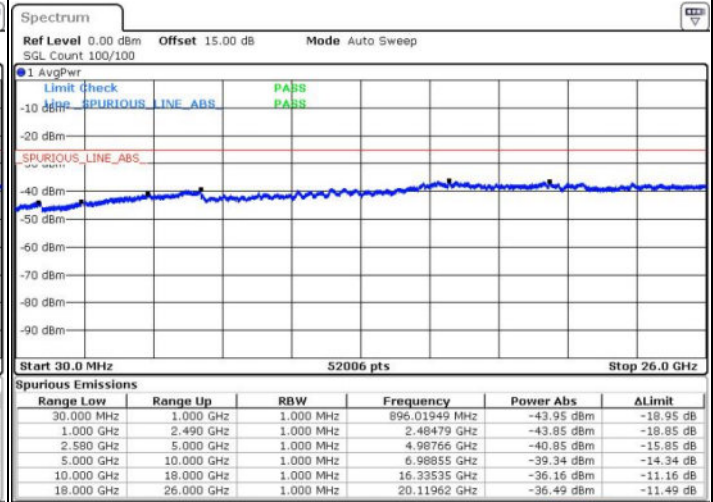
LTE Band 7 / 20MHz

Middle Channel / QPSK



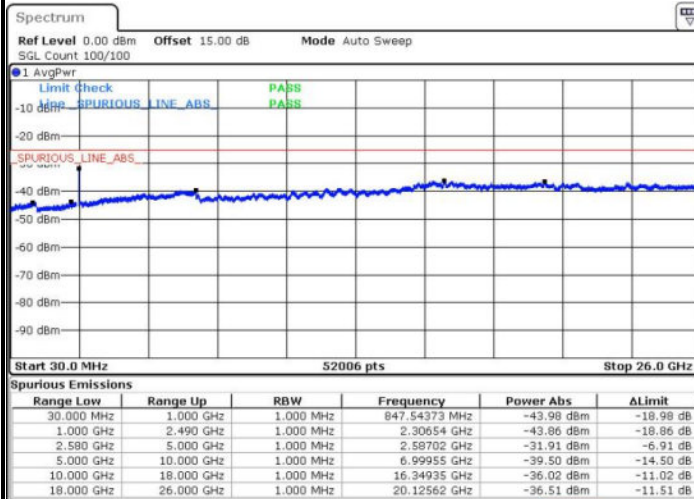
Date: 29 MAY 2016 17:07:05

Middle Channel / 16QAM



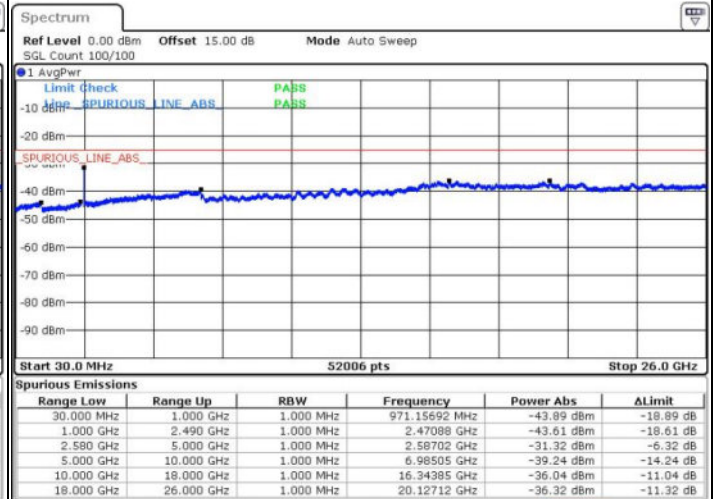
Date: 29 MAY 2016 17:07:54

Highest Channel / QPSK



Date: 29 MAY 2016 17:10:07

Highest Channel / 16QAM

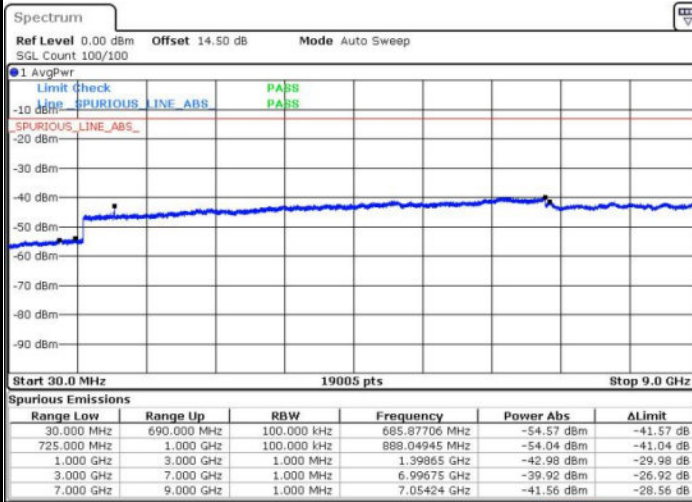


Date: 29 MAY 2016 17:10:56



LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



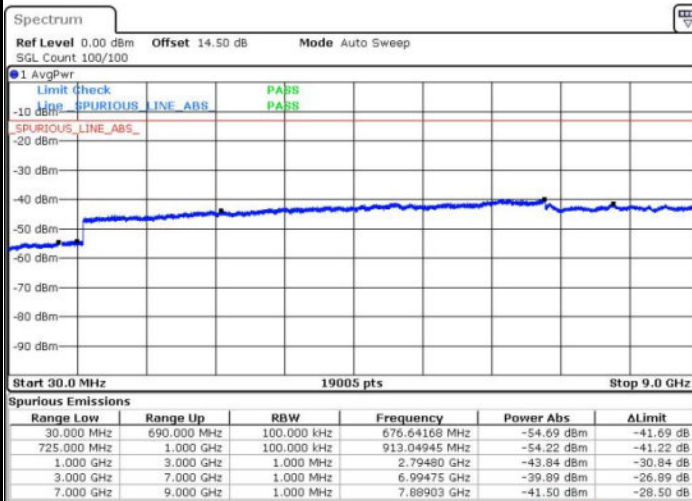
Date: 29 MAY 2016 11:15:55

Lowest Channel / 16QAM



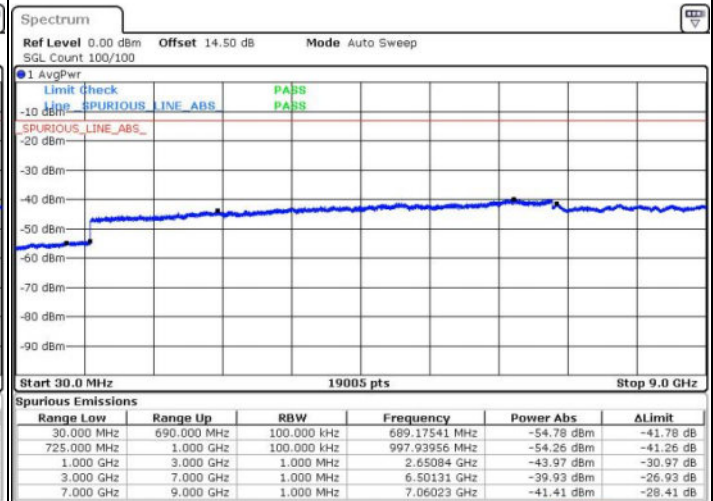
Date: 29 MAY 2016 11:16:51

Middle Channel / QPSK



Date: 29 MAY 2016 11:18:28

Middle Channel / 16QAM

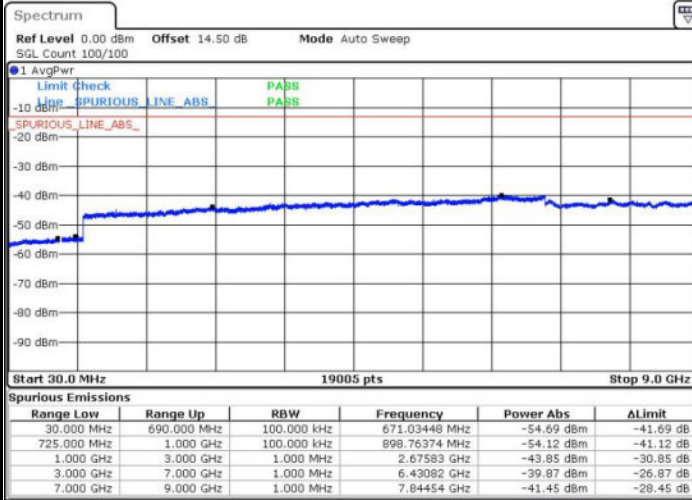


Date: 29 MAY 2016 11:19:24



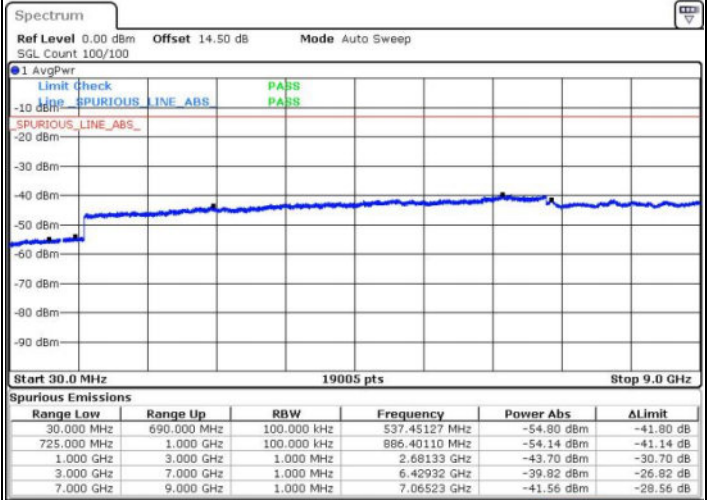
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 29 MAY 2016 11:29:06

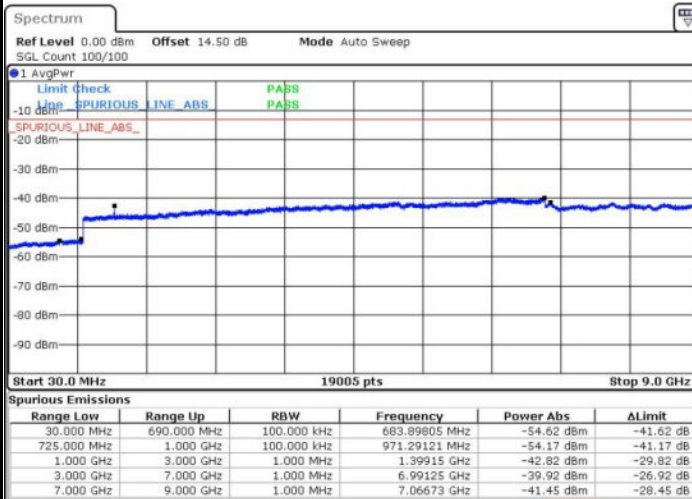
Highest Channel / 16QAM



Date: 29 MAY 2016 11:30:01

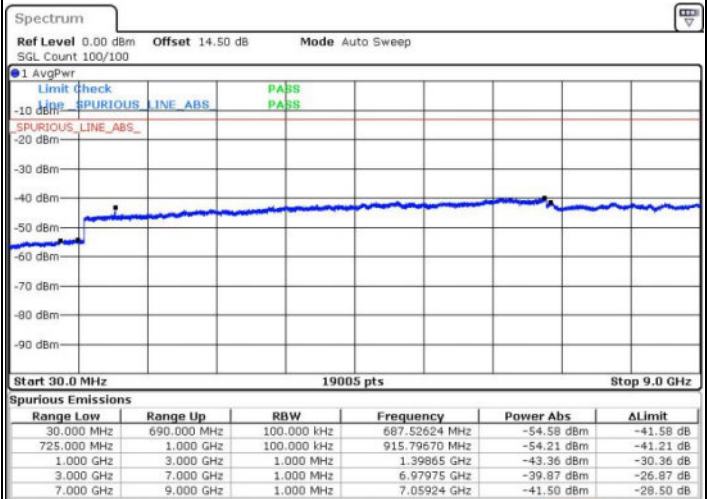
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 29 MAY 2016 11:39:42

Lowest Channel / 16QAM

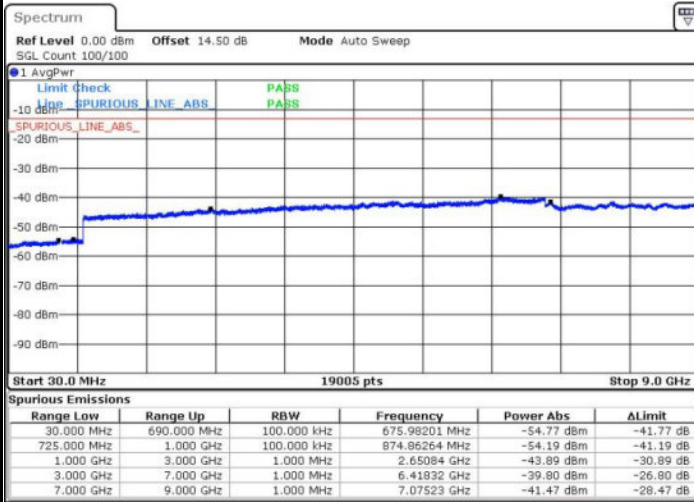


Date: 29 MAY 2016 11:40:38



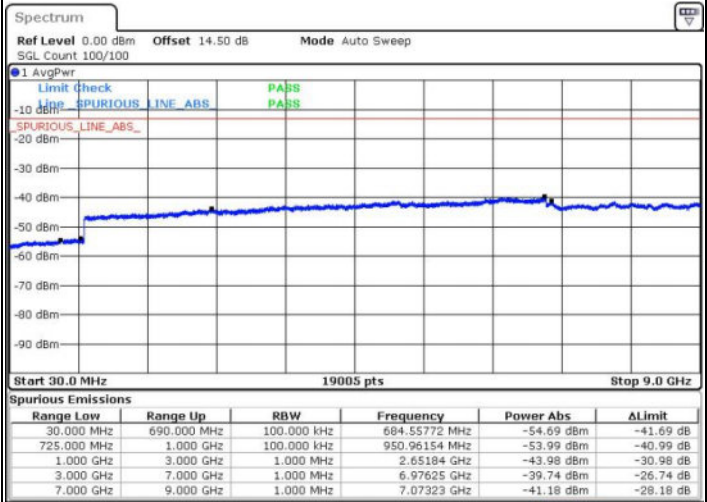
LTE Band 12 / 3MHz

Middle Channel / QPSK



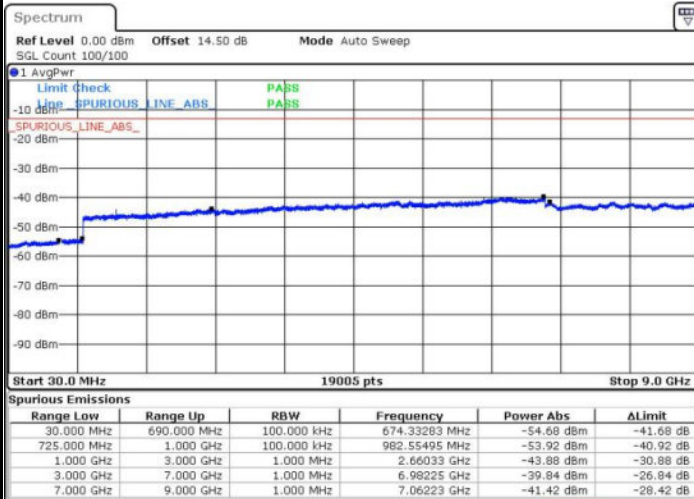
Date: 29 MAY 2016 11:42:16

Middle Channel / 16QAM



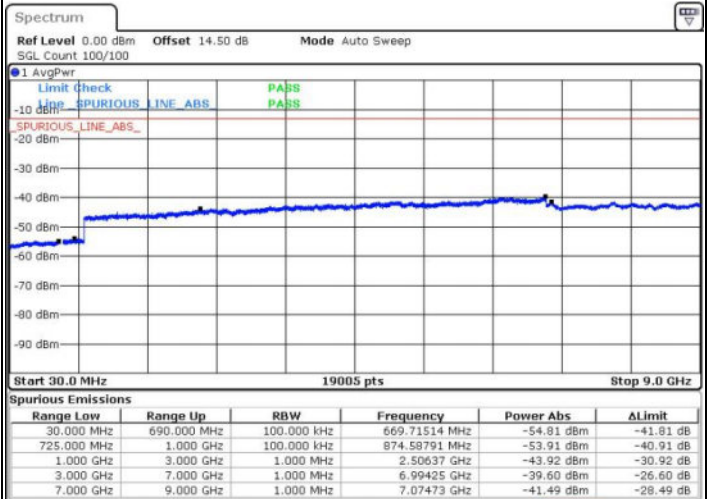
Date: 29 MAY 2016 11:43:11

Highest Channel / QPSK



Date: 29 MAY 2016 11:52:53

Highest Channel / 16QAM

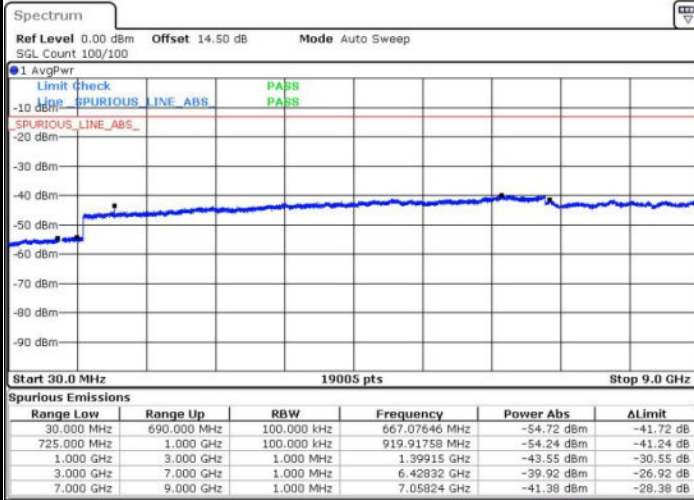


Date: 29 MAY 2016 11:53:48



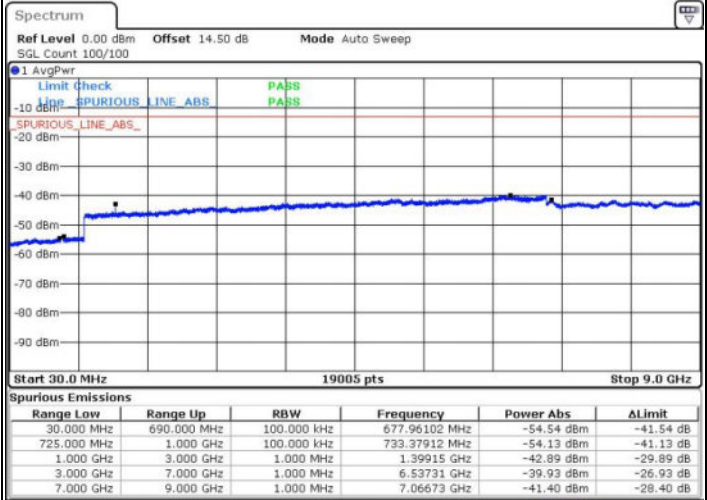
LTE Band 12 / 5MHz

Lowest Channel / QPSK



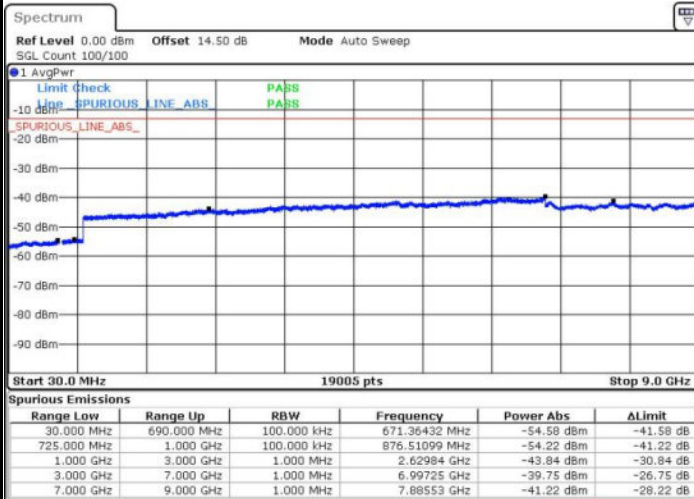
Date: 29 MAY 2016 12:03:30

Lowest Channel / 16QAM



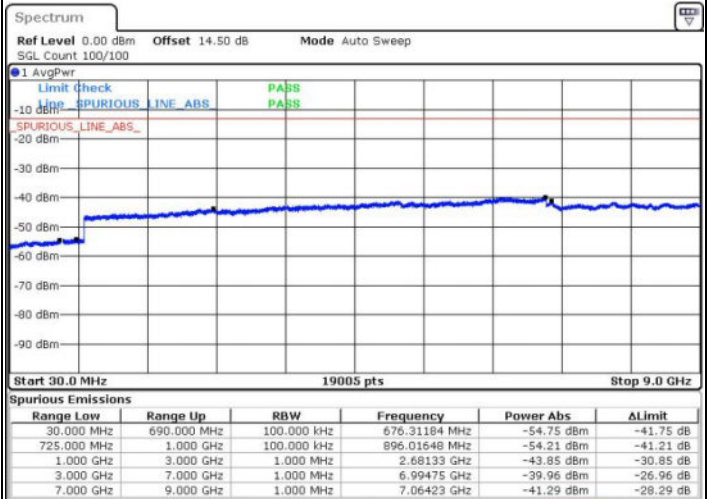
Date: 29 MAY 2016 12:04:25

Middle Channel / QPSK



Date: 29 MAY 2016 12:06:03

Middle Channel / 16QAM

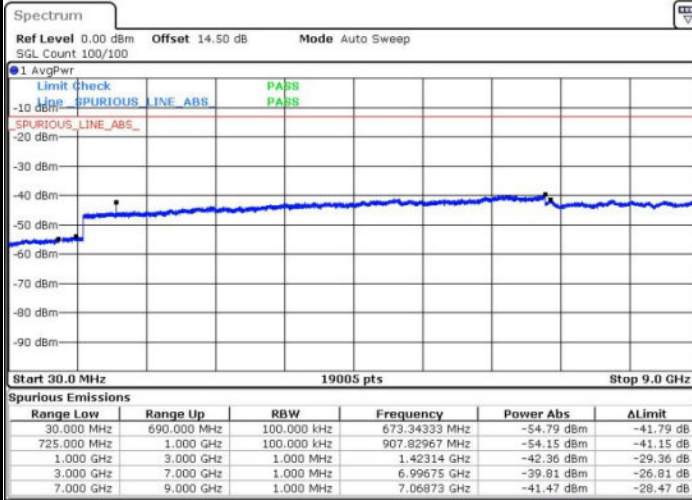


Date: 29 MAY 2016 12:06:58



LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 29 MAY 2016 12:16:40

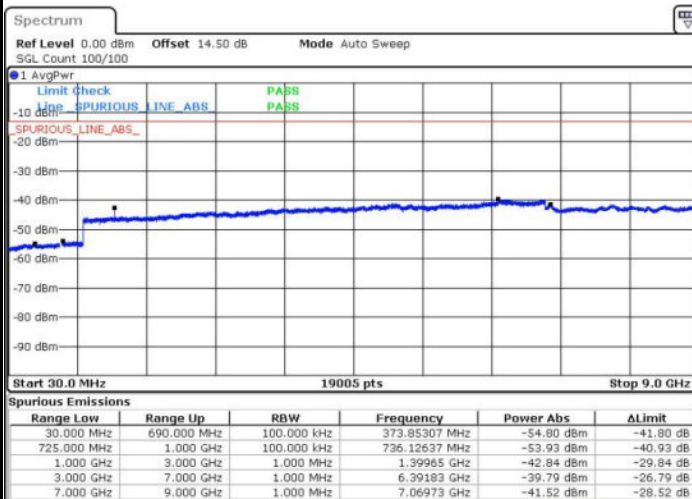
Highest Channel / 16QAM



Date: 29 MAY 2016 12:17:36

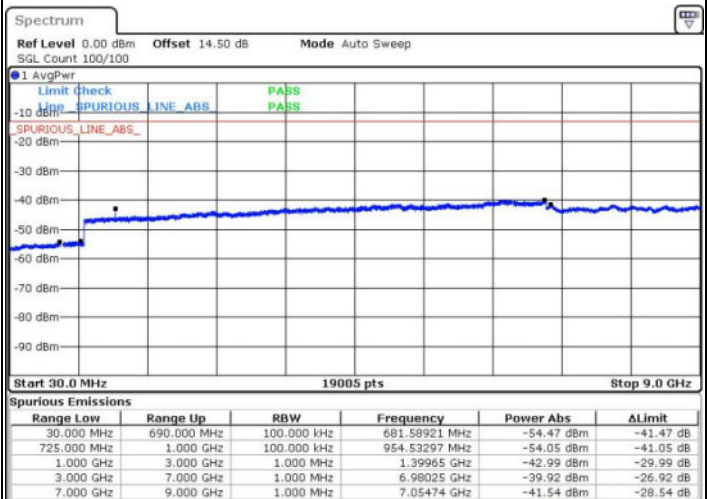
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 29 MAY 2016 12:27:17

Lowest Channel / 16QAM

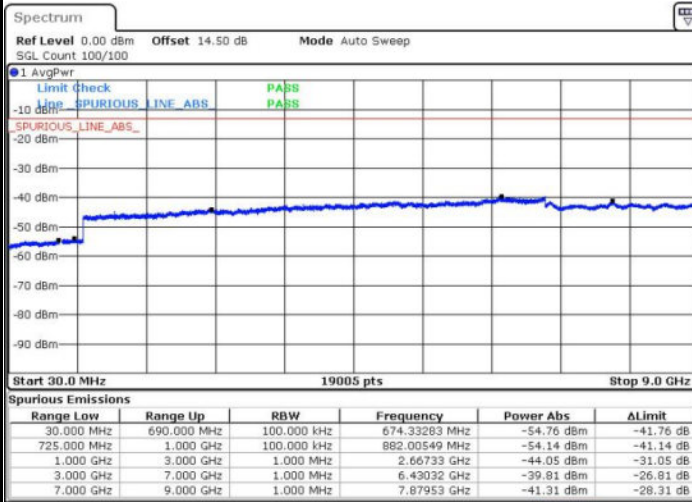


Date: 29 MAY 2016 12:28:13



LTE Band 12 / 10MHz

Middle Channel / QPSK



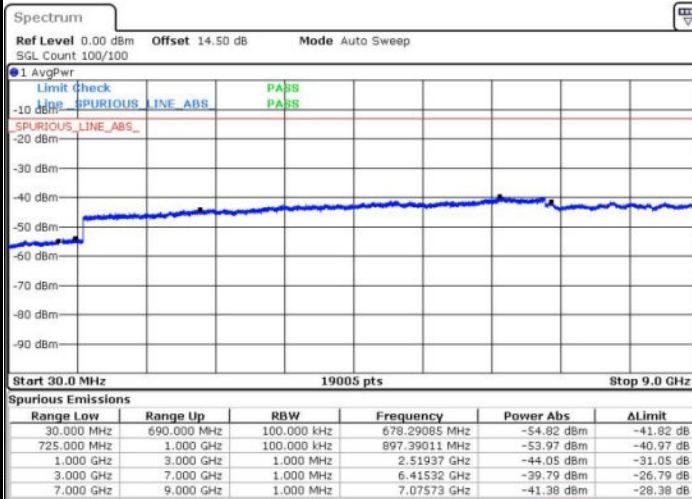
Date: 29 MAY 2016 12:29:50

Middle Channel / 16QAM



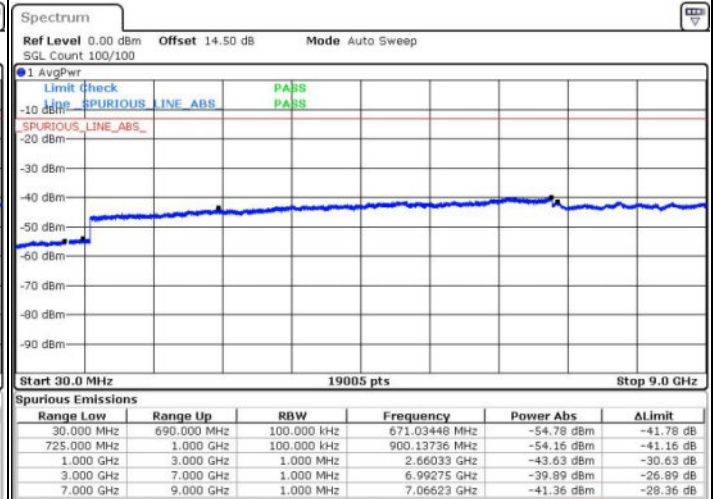
Date: 29 MAY 2016 12:30:46

Highest Channel / QPSK



Date: 29 MAY 2016 12:40:27

Highest Channel / 16QAM

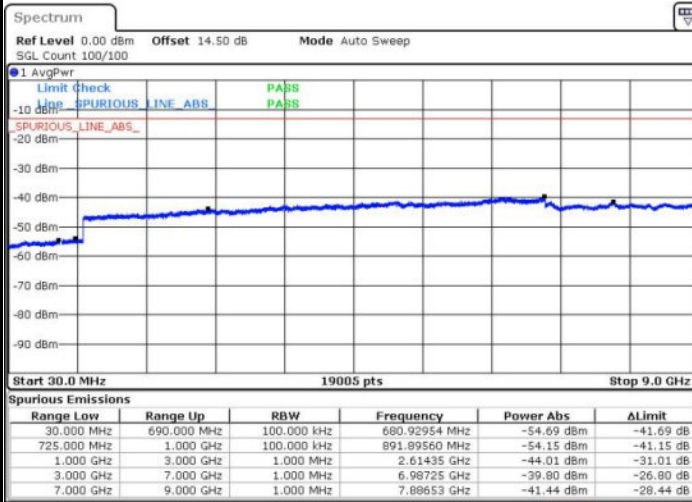


Date: 29 MAY 2016 12:41:23



LTE Band 17 / 5MHz

Lowest Channel / QPSK



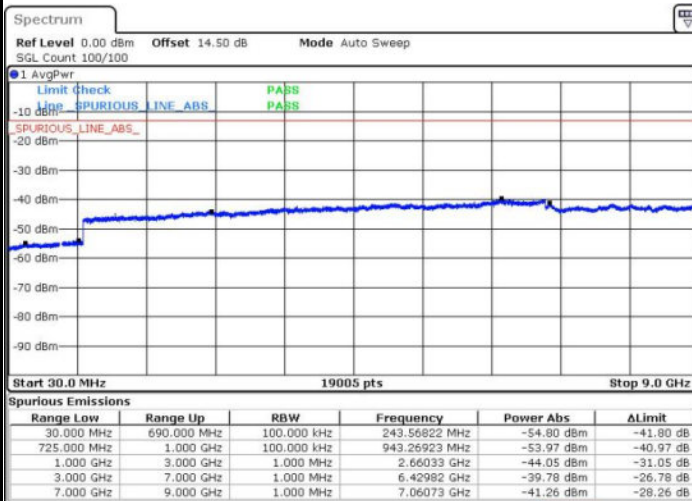
Date: 29 MAY 2016 10:03:41

Lowest Channel / 16QAM



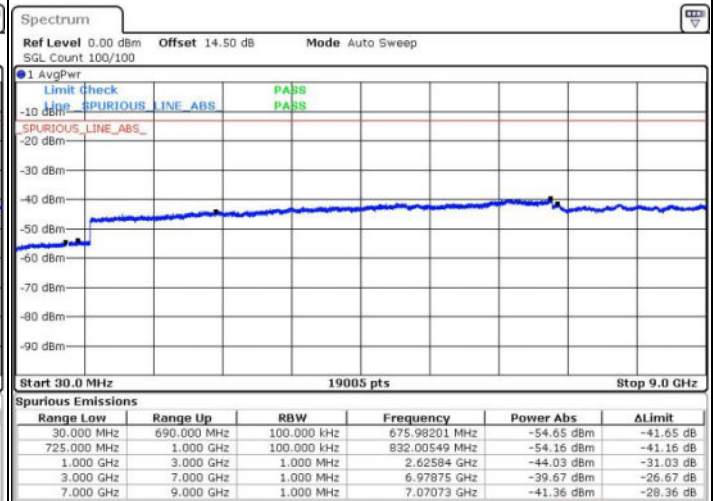
Date: 29 MAY 2016 10:04:37

Middle Channel / QPSK



Date: 29 MAY 2016 10:06:15

Middle Channel / 16QAM

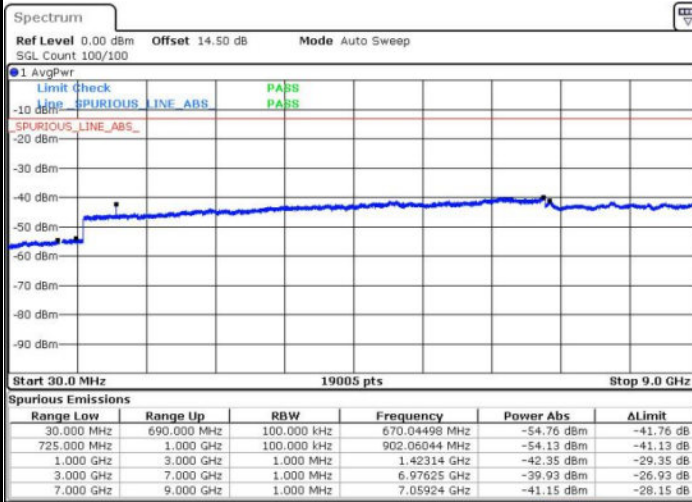


Date: 29 MAY 2016 10:07:10



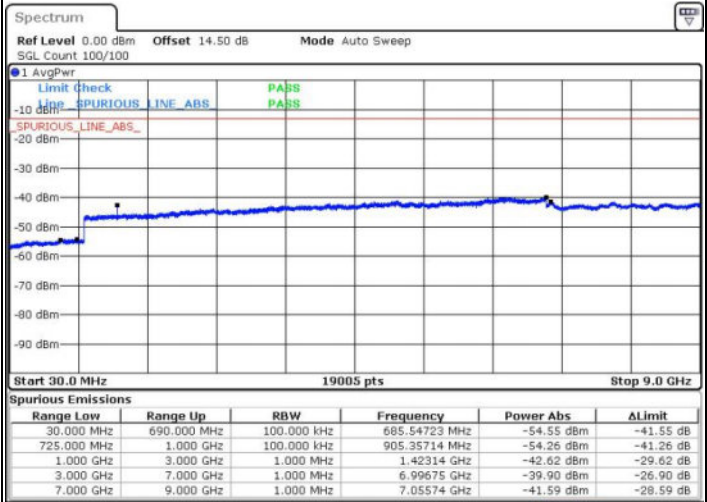
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 29 MAY 2016 10:16:53

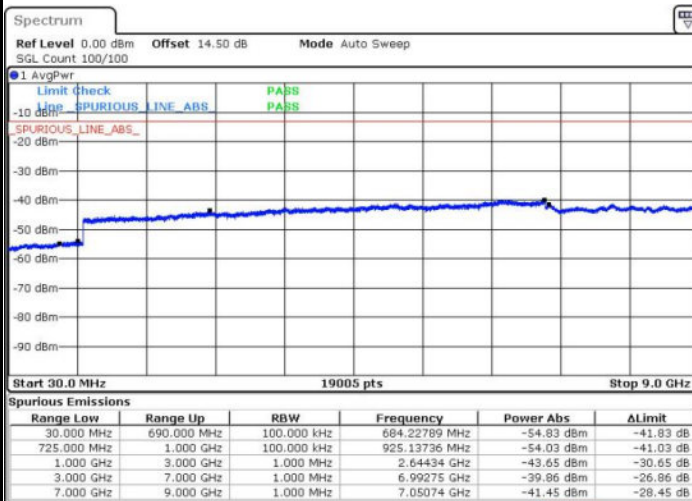
Highest Channel / 16QAM



Date: 29 MAY 2016 10:17:48

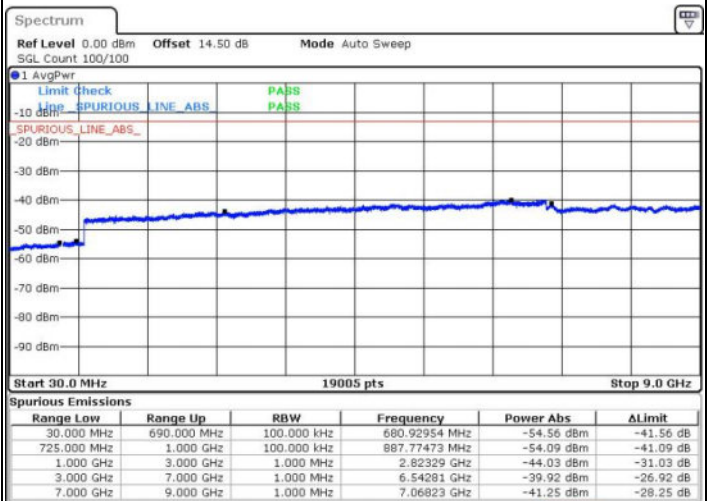
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 29 MAY 2016 10:27:30

Lowest Channel / 16QAM

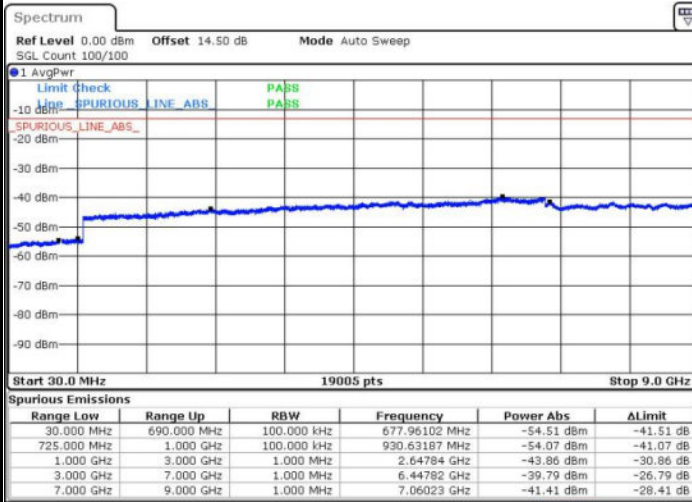


Date: 29 MAY 2016 10:28:26



LTE Band 17 / 10MHz

Middle Channel / QPSK



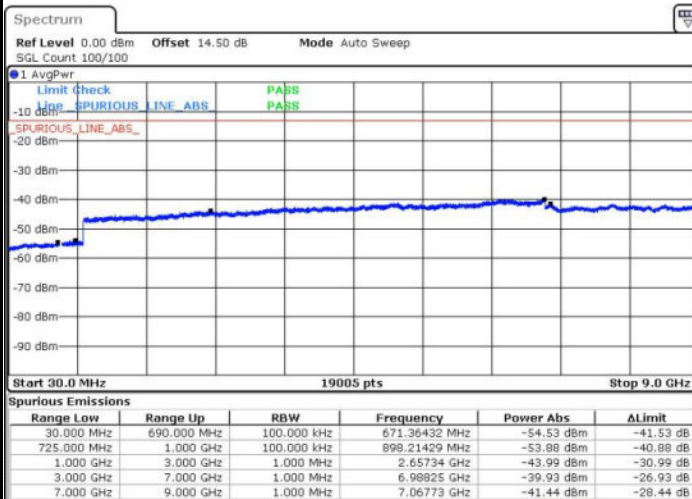
Date: 29 MAY 2016 10:30:04

Middle Channel / 16QAM



Date: 29 MAY 2016 10:30:59

Highest Channel / QPSK



Date: 29 MAY 2016 10:40:41

Highest Channel / 16QAM



Date: 29 MAY 2016 10:41:37

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	0.0016	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35V
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	0.0017	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 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 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35V
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	0.0042	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0057	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0057	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 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	0.0127	PASS
40	Normal Voltage	0.0127	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0056	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 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	5	23.39	0.2183	23.66	0.2323
Middle		3	0	22.85	0.1929	22.91	0.1954
Highest		1	5	23.32	0.2148	23.19	0.2084
Lowest	16QAM	1	5	22.45	0.1758	22.69	0.1858
Middle		1	0	21.92	0.1554	21.94	0.1564
Highest		1	5	22.32	0.1706	22.21	0.1663
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	23.45	0.2213	23.65	0.2317
Middle		1	0	22.97	0.1983	22.98	0.1986
Highest		1	0	23.21	0.2094	23.09	0.2037
Lowest	16QAM	1	0	22.46	0.1762	22.68	0.1854
Middle		1	0	22.00	0.1584	22.01	0.1588
Highest		1	0	22.22	0.1667	22.10	0.1622
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	23.46	0.2218	23.68	0.2333
Middle		1	0	23.01	0.2000	23.03	0.2010
Highest		1	0	23.08	0.2032	22.99	0.1991
Lowest	16QAM	1	0	22.51	0.1782	22.72	0.1871
Middle		1	0	22.06	0.1606	22.07	0.1609
Highest		1	0	22.12	0.1629	22.02	0.1592
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	49	23.14	0.2061	23.35	0.2163
Middle		1	0	22.91	0.1954	22.98	0.1984
Highest		1	25	22.86	0.1932	22.79	0.1901
Lowest	16QAM	1	25	22.28	0.1690	22.47	0.1766
Middle		1	0	21.89	0.1547	21.95	0.1566
Highest		1	0	21.90	0.1549	21.82	0.1521
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	74	23.23	0.2104	23.36	0.2168
Middle		1	0	22.77	0.1892	22.77	0.1893
Highest		1	37	22.71	0.1866	22.50	0.1778
Lowest	16QAM	1	74	22.20	0.1660	22.32	0.1706
Middle		1	0	21.84	0.1526	21.83	0.1524
Highest		1	37	21.78	0.1507	21.59	0.1442
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	23.12	0.2051	23.34	0.2158
Middle		1	0	23.10	0.2041	23.17	0.2076
Highest		1	0	22.70	0.1862	22.80	0.1905
Lowest	16QAM	1	49	22.47	0.1766	22.68	0.1854
Middle		1	0	22.01	0.1587	22.05	0.1605
Highest		1	99	21.95	0.1567	21.80	0.1514
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	0	23.11	0.2046	23.03	0.2009
Middle		3	0	23.08	0.2033	23.19	0.2087
Highest		3	3	23.91	0.2460	24.12	0.2582
Lowest	16QAM	1	0	22.02	0.1592	22.14	0.1637
Middle		1	0	21.85	0.1531	21.94	0.1563
Highest		1	3	22.79	0.1901	22.89	0.1945
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	22.64	0.1837	22.69	0.1858
Middle		1	8	22.93	0.1964	23.05	0.2017
Highest		1	8	23.69	0.2339	23.91	0.2460
Lowest	16QAM	1	8	22.04	0.1600	22.16	0.1644
Middle		1	8	21.86	0.1534	22.01	0.1588
Highest		1	0	22.68	0.1854	22.76	0.1888
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	24	22.89	0.1945	22.79	0.1901
Middle		1	0	23.01	0.1998	23.12	0.2049
Highest		1	24	23.52	0.2249	23.75	0.2371
Lowest	16QAM	1	24	22.11	0.1626	22.16	0.1644
Middle		1	0	21.98	0.1576	22.04	0.1601
Highest		1	24	22.84	0.1923	22.93	0.1963
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	0	22.50	0.1778	22.48	0.1770
Middle		1	0	22.89	0.1946	23.01	0.2002
Highest		1	25	22.69	0.1858	23.01	0.1999
Lowest	16QAM	1	49	22.14	0.1637	22.21	0.1663
Middle		1	0	22.05	0.1605	22.13	0.1632
Highest		1	49	22.24	0.1673	22.50	0.1778
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	23.04	0.2014	23.13	0.2056
Middle		1	0	22.33	0.1711	22.52	0.1786
Highest		1	74	23.25	0.2113	23.56	0.2270
Lowest	16QAM	1	37	22.11	0.1626	22.18	0.1652
Middle		1	0	21.84	0.1529	21.97	0.1574
Highest		1	74	22.77	0.1892	22.82	0.1914
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	99	22.99	0.1991	23.10	0.2042
Middle		1	99	21.98	0.1576	22.10	0.1624
Highest		1	99	23.21	0.2094	23.52	0.2249
Lowest	16QAM	1	0	22.04	0.1600	22.15	0.1641
Middle		1	0	21.55	0.1429	21.61	0.1447
Highest		1	99	22.63	0.1832	22.65	0.1841
Limit	EIRP < 1W			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	24	21.09	0.1285	21.05	0.1274
Middle		1	24	21.39	0.1377	21.14	0.1301
Highest		1	24	19.36	0.0863	19.31	0.0853
Lowest	16QAM	1	24	20.76	0.1191	20.77	0.1194
Middle		1	24	20.79	0.1200	20.56	0.1138
Highest		1	24	19.22	0.0836	19.14	0.0820
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	49	20.60	0.1148	20.71	0.1178
Middle		1	49	20.73	0.1182	20.55	0.1134
Highest		1	0	19.44	0.0879	19.27	0.0845
Lowest	16QAM	1	49	19.60	0.0912	19.53	0.0897
Middle		1	49	19.90	0.0977	19.70	0.0934
Highest		1	49	18.57	0.0719	18.55	0.0716
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	74	19.53	0.0897	19.49	0.0889
Middle		1	74	19.88	0.0972	19.66	0.0925
Highest		1	0	18.74	0.0748	18.71	0.0743
Lowest	16QAM	1	74	19.24	0.0839	19.18	0.0828
Middle		1	74	19.59	0.0910	19.37	0.0865
Highest		1	0	18.61	0.0726	18.56	0.0718
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	99	20.11	0.1025	19.87	0.0970
Middle		1	99	20.27	0.1064	19.88	0.0974
Highest		1	99	18.84	0.0766	18.80	0.0759
Lowest	16QAM	1	49	20.68	0.1170	20.49	0.1119
Middle		1	99	20.57	0.1139	20.13	0.1030
Highest		1	0	18.60	0.0724	18.41	0.0693
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	1	5	16.57	0.0454	4.53	0.0028
Middle		3	0	16.34	0.0431	4.32	0.0027
Highest		1	3	16.36	0.0433	4.39	0.0027
Lowest	16QAM	1	5	15.34	0.0342	3.14	0.0021
Middle		1	3	15.13	0.0326	3.19	0.0021
Highest		1	3	15.10	0.0324	3.10	0.0020
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	16.48	0.0445	4.32	0.0027
Middle		1	0	16.16	0.0413	4.17	0.0026
Highest		1	8	16.13	0.0410	4.09	0.0026
Lowest	16QAM	1	8	15.44	0.0350	3.08	0.0020
Middle		1	0	15.16	0.0328	2.95	0.0020
Highest		1	8	15.18	0.0330	3.13	0.0021
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	24	16.63	0.0460	4.33	0.0027
Middle		1	0	16.25	0.0421	4.18	0.0026
Highest		1	24	16.13	0.0410	4.02	0.0025
Lowest	16QAM	1	24	15.42	0.0348	3.03	0.0020
Middle		1	0	15.61	0.0364	3.16	0.0021
Highest		1	12	15.24	0.0334	3.08	0.0020
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	0	16.45	0.0442	4.24	0.0027
Middle		1	0	16.69	0.0467	4.40	0.0028
Highest		1	0	16.46	0.0443	4.16	0.0026
Lowest	16QAM	1	25	15.58	0.0361	3.03	0.0020
Middle		1	0	15.13	0.0326	2.80	0.0019
Highest		1	0	15.15	0.0327	2.96	0.0020
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	12	16.52	0.0449	4.17	0.0026
Middle		1	0	16.05	0.0403	3.90	0.0025
Highest		1	0	16.04	0.0402	3.79	0.0024
Lowest	16QAM	1	0	15.81	0.0381	3.19	0.0021
Middle		1	0	15.53	0.0357	3.17	0.0021
Highest		1	0	15.19	0.0330	2.97	0.0020
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	0	16.57	0.0454	3.97	0.0025
Middle		1	0	16.41	0.0438	4.18	0.0026
Highest		1	0	16.34	0.0431	4.03	0.0025
Lowest	16QAM	1	25	15.76	0.0377	3.17	0.0021
Middle		1	0	15.72	0.0373	3.21	0.0021
Highest		1	0	15.61	0.0364	3.13	0.0021
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	-40.39	-13	-27.39	-60.00	-43.86	4.63	8.10	H
	5550.48	-24.81	-13	-11.81	-49.75	-29.57	5.64	10.40	H
	7400.64	-45.07	-13	-32.07	-71.66	-50.19	6.58	11.70	H
	3700.32	-50.24	-13	-37.24	-68.5	-53.71	4.63	8.1	V
	5550.48	-28.89	-13	-15.89	-55.25	-33.65	5.64	10.4	V
	7400.64	-45.21	-13	-32.21	-72.1	-50.33	6.58	11.7	V
Middle	3758.92	-40.26	-13	-27.26	-59.90	-43.73	4.63	8.10	H
	5638.38	-23.75	-13	-10.75	-48.75	-28.51	5.64	10.40	H
	7517.84	-46.22	-13	-33.22	-72.81	-51.34	6.58	11.70	H
	3758.92	-47.44	-13	-34.44	-65.7	-50.91	4.63	8.1	V
	5638.38	-29.34	-13	-16.34	-55.61	-34.10	5.64	10.4	V
	7517.84	-46.24	-13	-33.24	-73.13	-51.36	6.58	11.7	V
Highest	3817.52	-40.53	-13	-27.53	-60.11	-44.00	4.63	8.10	H
	5726.28	-24.75	-13	-11.75	-49.69	-29.51	5.64	10.40	H
	7635.04	-46.32	-13	-33.32	-72.91	-51.44	6.58	11.70	H
	3817.52	-47.74	-13	-34.74	-66	-51.21	4.63	8.1	V
	5726.28	-27.17	-13	-14.17	-53.33	-31.93	5.64	10.4	V
	7635.04	-45.63	-13	-32.63	-72.52	-50.75	6.58	11.7	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	-44.11	-13	-31.11	-63.13	-47.58	4.63	8.10	H
	5550.72	-23.43	-13	-10.43	-48.50	-28.19	5.64	10.40	H
	7400.96	-45.69	-13	-32.69	-72.28	-50.81	6.58	11.70	H
	3700.48	-48.67	-13	-35.67	-66.93	-52.14	4.63	8.1	V
	5550.72	-28.51	-13	-15.51	-54.85	-33.27	5.64	10.4	V
	7400.96	-43.77	-13	-30.77	-70.66	-48.89	6.58	11.7	V
Middle	3758.92	-42.95	-13	-29.95	-61.97	-46.42	4.63	8.10	H
	5638.38	-22.14	-13	-9.14	-47.31	-26.90	5.64	10.40	H
	7517.84	-46.96	-13	-33.96	-73.55	-52.08	6.58	11.70	H
	3758.92	-48.69	-13	-35.69	-66.95	-52.16	4.63	8.1	V
	5638.38	-27.95	-13	-14.95	-54.26	-32.71	5.64	10.4	V
	7517.84	-45.81	-13	-32.81	-72.7	-50.93	6.58	11.7	V
Highest	3814.48	-43.89	-13	-30.89	-62.91	-47.36	4.63	8.10	H
	5721.72	-20.31	-13	-7.31	-45.56	-25.07	5.64	10.40	H
	7628.96	-46.97	-13	-33.97	-73.56	-52.09	6.58	11.70	H
	3814.48	-47.81	-13	-34.81	-66.07	-51.28	4.63	8.1	V
	5721.72	-28.03	-13	-15.03	-54.35	-32.79	5.64	10.4	V
	7628.96	-46.00	-13	-33.00	-72.89	-51.12	6.58	11.7	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	-43.39	-13	-30.39	-62.41	-46.86	4.63	8.10	H
	5551.02	-24.44	-13	-11.44	-49.39	-29.20	5.64	10.40	H
	7401.36	-46.21	-13	-33.21	-72.80	-51.33	6.58	11.70	H
	3700.68	-49.57	-13	-36.57	-67.83	-53.04	4.63	8.1	V
	5551.02	-30.59	-13	-17.59	-56.67	-35.35	5.64	10.4	V
	7401.36	-45.01	-13	-32.01	-71.9	-50.13	6.58	11.7	V
Middle	3755.68	-42.89	-13	-29.89	-61.91	-46.36	4.63	8.10	H
	5633.52	-22.12	-13	-9.12	-47.29	-26.88	5.64	10.40	H
	7511.36	-46.73	-13	-33.73	-73.32	-51.85	6.58	11.70	H
	3755.68	-47.27	-13	-34.27	-65.53	-50.74	4.63	8.1	V
	5633.52	-27.79	-13	-14.79	-54.07	-32.55	5.64	10.4	V
	7511.36	-43.33	-13	-30.33	-70.22	-48.45	6.58	11.7	V
Highest	3808	-45.26	-13	-32.26	-64.28	-48.73	4.63	8.10	H
	5716	-21.65	-13	-8.65	-46.81	-26.41	5.64	10.40	H
	7620	-46.70	-13	-33.70	-73.29	-51.82	6.58	11.70	H
	3808	-49.49	-13	-36.49	-67.75	-52.96	4.63	8.1	V
	5716	-27.68	-13	-14.68	-53.94	-32.44	5.64	10.4	V
	7620	-44.66	-13	-31.66	-71.55	-49.78	6.58	11.7	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	-42.75	-13	-29.75	-61.77	-46.22	4.63	8.10	H
	5551.77	-23.46	-13	-10.46	-48.52	-28.22	5.64	10.40	H
	7402.36	-46.33	-13	-33.33	-72.92	-51.45	6.58	11.70	H
	3701.18	-50.78	-13	-37.78	-69.04	-54.25	4.63	8.1	V
	5551.77	-32.38	-13	-19.38	-58	-37.14	5.64	10.4	V
	7402.36	-45.41	-13	-32.41	-72.3	-50.53	6.58	11.7	V
Middle	3751.18	-39.57	-13	-26.57	-59.36	-43.04	4.63	8.10	H
	5626.77	-23.10	-13	-10.10	-48.23	-27.86	5.64	10.40	H
	7502.36	-47.26	-13	-34.26	-73.85	-52.38	6.58	11.70	H
	3751.18	-48.04	-13	-35.04	-66.3	-51.51	4.63	8.1	V
	5626.77	-28.75	-13	-15.75	-55.1	-33.51	5.64	10.4	V
	7502.36	-47.40	-13	-34.40	-74.29	-52.52	6.58	11.7	V
Highest	3801.18	-42.07	-13	-29.07	-61.09	-45.54	4.63	8.10	H
	5701.77	-24.94	-13	-11.94	-49.88	-29.70	5.64	10.40	H
	7602.36	-46.28	-13	-33.28	-72.87	-51.40	6.58	11.70	H
	3801.18	-49.30	-13	-36.30	-67.56	-52.77	4.63	8.1	V
	5701.77	-28.48	-13	-15.48	-54.82	-33.24	5.64	10.4	V
	7602.36	-45.67	-13	-32.67	-72.56	-50.79	6.58	11.7	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	-42.79	-13	-29.79	-61.81	-46.26	4.63	8.10	H
	5552.52	-22.73	-13	-9.73	-47.89	-27.49	5.64	10.40	H
	7403.36	-45.57	-13	-32.57	-72.16	-50.69	6.58	11.70	H
	3701.68	-51.02	-13	-38.02	-69.28	-54.49	4.63	8.1	V
	5552.52	-30.02	-13	-17.02	-56.1	-34.78	5.64	10.4	V
	7403.36	-43.55	-13	-30.55	-70.44	-48.67	6.58	11.7	V
Middle	3746.68	-43.80	-13	-30.80	-62.82	-47.27	4.63	8.10	H
	5620.02	-23.98	-13	-10.98	-48.94	-28.74	5.64	10.40	H
	7493.36	-47.48	-13	-34.48	-74.07	-52.60	6.58	11.70	H
	3746.68	-48.36	-13	-35.36	-66.62	-51.83	4.63	8.1	V
	5620.02	-27.49	-13	-14.49	-53.71	-32.25	5.64	10.4	V
	7493.36	-42.32	-13	-29.32	-69.21	-47.44	6.58	11.7	V
Highest	3791.68	-44.83	-13	-31.83	-63.85	-48.30	4.63	8.10	H
	5687.52	-23.65	-13	-10.65	-48.67	-28.41	5.64	10.40	H
	7583.36	-46.53	-13	-33.53	-73.12	-51.65	6.58	11.70	H
	3791.68	-48.08	-13	-35.08	-66.34	-51.55	4.63	8.1	V
	5687.52	-28.85	-13	-15.85	-55.21	-33.61	5.64	10.4	V
	7583.36	-46.32	-13	-33.32	-73.21	-51.44	6.58	11.7	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	-43.40	-13	-30.40	-62.42	-46.87	4.63	8.10	H
	5553.27	-22.93	-13	-9.93	-48.09	-27.69	5.64	10.40	H
	7404.36	-46.21	-13	-33.21	-72.80	-51.33	6.58	11.70	H
	3702.18	-51.19	-13	-38.19	-69.45	-54.66	4.63	8.1	V
	5553.27	-28.19	-13	-15.19	-54.51	-32.95	5.64	10.4	V
	7404.36	-45.77	-13	-32.77	-72.66	-50.89	6.58	11.7	V
Middle	3742.18	-42.98	-13	-29.98	-62.00	-46.45	4.63	8.10	H
	5613.27	-22.13	-13	-9.13	-47.30	-26.89	5.64	10.40	H
	7484.36	-46.39	-13	-33.39	-72.98	-51.51	6.58	11.70	H
	3742.18	-50.56	-13	-37.56	-68.82	-54.03	4.63	8.1	V
	5613.27	-27.90	-13	-14.90	-54.2	-32.66	5.64	10.4	V
	7484.36	-44.84	-13	-31.84	-71.73	-49.96	6.58	11.7	V
Highest	3782.18	-42.75	-13	-29.75	-61.77	-46.22	4.63	8.10	H
	5673.27	-24.89	-13	-11.89	-49.83	-29.65	5.64	10.40	H
	7564.36	-46.48	-13	-33.48	-73.07	-51.60	6.58	11.70	H
	3782.18	-49.98	-13	-36.98	-68.24	-53.45	4.63	8.1	V
	5673.27	-29.58	-13	-16.58	-55.78	-34.34	5.64	10.4	V
	7564.36	-45.25	-13	-32.25	-72.14	-50.37	6.58	11.7	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	-46.27	-13	-33.27	-63.29	-53.46	0.81	8.00	H
	5130.48	-31.23	-13	-18.23	-56.56	-40.28	0.95	10.00	H
	6840.64	-42.54	-13	-29.54	-67.32	-54.81	1.13	13.40	H
	3420.32	-45.04	-13	-32.04	-61.74	-56.83	0.81	12.6	V
	5130.48	-31.41	-13	-18.41	-56.25	-43.16	0.95	12.7	V
	6840.64	-46.35	-13	-33.35	-71.18	-56.92	1.13	11.7	V
Middle	3463.92	-46.05	-13	-33.05	-63.07	-53.24	0.81	8.00	H
	5195.88	-35.94	-13	-22.94	-60.69	-44.99	0.95	10.00	H
	6927.84	-45.55	-13	-32.55	-70.33	-57.82	1.13	13.40	H
	3463.92	-48.03	-13	-35.03	-64.73	-59.82	0.81	12.6	V
	5195.88	-38.83	-13	-25.83	-62.24	-50.58	0.95	12.7	V
	6927.84	-43.85	-13	-30.85	-68.68	-54.42	1.13	11.7	V
Highest	3507.52	-45.48	-13	-32.48	-62.50	-52.67	0.81	8.00	H
	5261.28	-28.54	-13	-15.54	-53.96	-37.59	0.95	10.00	H
	7015.04	-43.65	-13	-30.65	-68.43	-55.92	1.13	13.40	H
	3507.52	-41.87	-13	-28.87	-58.57	-53.66	0.81	12.6	V
	5261.28	-31.47	-13	-18.47	-56.29	-43.22	0.95	12.7	V
	7015.04	-47.63	-13	-34.63	-72.46	-58.20	1.13	11.7	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	-45.68	-13	-32.68	-62.70	-52.87	0.81	8.00	H
	5130.72	-31.33	-13	-18.33	-56.69	-40.38	0.95	10.00	H
	6840.96	-40.46	-13	-27.46	-65.24	-52.73	1.13	13.40	H
	3420.48	-45.63	-13	-32.63	-62.33	-57.42	0.81	12.6	V
	5130.72	-30.81	-13	-17.81	-55.78	-42.56	0.95	12.7	V
	6840.96	-44.73	-13	-31.73	-69.56	-55.30	1.13	11.7	V
Middle	3462.48	-47.19	-13	-34.19	-64.21	-54.38	0.81	8.00	H
	5193.72	-36.12	-13	-23.12	-60.52	-45.17	0.95	10.00	H
	6924.96	-44.53	-13	-31.53	-69.31	-56.80	1.13	13.40	H
	3462.48	-47.00	-13	-34.00	-63.7	-58.79	0.81	12.6	V
	5193.72	-39.72	-13	-26.72	-63.13	-51.47	0.95	12.7	V
	6924.96	-47.63	-13	-34.63	-72.46	-58.20	1.13	11.7	V
Highest	3504.48	-43.67	-13	-30.67	-60.69	-50.86	0.81	8.00	H
	5256.72	-31.25	-13	-18.25	-56.58	-40.30	0.95	10.00	H
	7008.96	-43.06	-13	-30.06	-67.84	-55.33	1.13	13.40	H
	3504.48	-41.99	-13	-28.99	-58.69	-53.78	0.81	12.6	V
	5256.72	-28.26	-13	-15.26	-53.56	-40.01	0.95	12.7	V
	7008.96	-47.36	-13	-34.36	-72.19	-57.93	1.13	11.7	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	-44.56	-13	-31.56	-61.58	-51.75	0.81	8.00	H
	5131.02	-33.67	-13	-20.67	-58.98	-42.72	0.95	10.00	H
	6841.36	-40.81	-13	-27.81	-65.59	-53.08	1.13	13.40	H
	3420.68	-44.12	-13	-31.12	-60.82	-55.91	0.81	12.6	V
	5131.02	-29.73	-13	-16.73	-54.78	-41.48	0.95	12.7	V
	6841.36	-40.65	-13	-27.65	-65.48	-51.22	1.13	11.7	V
Middle	3460.68	-49.57	-13	-36.57	-66.59	-56.76	0.81	8.00	H
	5191.02	-42.80	-13	-29.80	-66.78	-51.85	0.95	10.00	H
	6921.36	-48.50	-13	-35.50	-73.28	-60.77	1.13	13.40	H
	3460.68	-47.86	-13	-34.86	-64.56	-59.65	0.81	12.6	V
	5191.02	-38.53	-13	-25.53	-61.94	-50.28	0.95	12.7	V
	6921.36	-48.63	-13	-35.63	-73.46	-59.20	1.13	11.7	V
Highest	3500.68	-45.01	-13	-32.01	-62.03	-52.20	0.81	8.00	H
	5252	-30.70	-13	-17.70	-55.99	-39.75	0.95	10.00	H
	7001.36	-42.25	-13	-29.25	-67.03	-54.52	1.13	13.40	H
	3500.68	-42.15	-13	-29.15	-58.85	-53.94	0.81	12.6	V
	5252	-30.12	-13	-17.12	-55.13	-41.87	0.95	12.7	V
	7001.36	-47.61	-13	-34.61	-72.44	-58.18	1.13	11.7	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	-44.83	-13	-31.83	-61.85	-52.02	0.81	8.00	H
	5131.77	-32.36	-13	-19.36	-57.89	-41.41	0.95	10.00	H
	6842.36	-40.27	-13	-27.27	-65.05	-52.54	1.13	13.40	H
	3421.18	-42.75	-13	-29.75	-59.45	-54.54	0.81	12.6	V
	5131.77	-30.23	-13	-17.23	-55.23	-41.98	0.95	12.7	V
	6842.36	-45.47	-13	-32.47	-70.3	-56.04	1.13	11.7	V
Middle	3456.18	-45.66	-13	-32.66	-62.68	-52.85	0.81	8.00	H
	5184.27	-37.32	-13	-24.32	-61.45	-46.37	0.95	10.00	H
	6912.36	-45.13	-13	-32.13	-69.91	-57.40	1.13	13.40	H
	3456.18	-45.38	-13	-32.38	-62.08	-57.17	0.81	12.6	V
	5184.27	-36.39	-13	-23.39	-60.15	-48.14	0.95	12.7	V
	6912.36	-46.92	-13	-33.92	-71.75	-57.49	1.13	11.7	V
Highest	3491.18	-44.44	-13	-31.44	-61.46	-51.63	0.81	8.00	H
	5236.77	-26.46	-13	-13.46	-51.70	-35.51	0.95	10.00	H
	6982.36	-45.61	-13	-32.61	-70.39	-57.88	1.13	13.40	H
	3491.18	-42.21	-13	-29.21	-58.91	-54.00	0.81	12.6	V
	5236.77	-29.42	-13	-16.42	-54.52	-41.17	0.95	12.7	V
	6982.36	-48.43	-13	-35.43	-73.26	-59.00	1.13	11.7	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	-45.19	-13	-32.19	-62.21	-52.38	0.81	8.00	H
	5132.52	-34.62	-13	-21.62	-59.81	-43.67	0.95	10.00	H
	6843.36	-41.88	-13	-28.88	-66.66	-54.15	1.13	13.40	H
	3421.68	-42.98	-13	-29.98	-59.68	-54.77	0.81	12.6	V
	5132.52	-30.28	-13	-17.28	-55.28	-42.03	0.95	12.7	V
	6843.36	-46.78	-13	-33.78	-71.61	-57.35	1.13	11.7	V
Middle	3451.68	-44.10	-13	-31.10	-61.12	-51.29	0.81	8.00	H
	5177.52	-34.05	-13	-21.05	-59.28	-43.10	0.95	10.00	H
	6903.36	-43.71	-13	-30.71	-68.49	-55.98	1.13	13.40	H
	3451.68	-44.39	-13	-31.39	-61.09	-56.18	0.81	12.6	V
	5177.52	-34.46	-13	-21.46	-58.49	-46.21	0.95	12.7	V
	6903.36	-44.65	-13	-31.65	-69.48	-55.22	1.13	11.7	V
Highest	3481.68	-47.41	-13	-34.41	-64.43	-54.60	0.81	8.00	H
	5222.52	-34.48	-13	-21.48	-59.68	-43.53	0.95	10.00	H
	6963.36	-44.33	-13	-31.33	-69.11	-56.60	1.13	13.40	H
	3481.68	-43.96	-13	-30.96	-60.66	-55.75	0.81	12.6	V
	5222.52	-34.10	-13	-21.10	-58.05	-45.85	0.95	12.7	V
	6963.36	-46.82	-13	-33.82	-71.65	-57.39	1.13	11.7	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	-44.28	-13	-31.28	-61.30	-51.47	0.81	8.00	H
	5133.27	-32.63	-13	-19.63	-57.28	-41.68	0.95	10.00	H
	6844.36	-43.18	-13	-30.18	-67.96	-55.45	1.13	13.40	H
	3422.18	-44.61	-13	-31.61	-61.31	-56.40	0.81	12.6	V
	5133.27	-31.32	-13	-18.32	-56.19	-43.07	0.95	12.7	V
	6844.36	-44.90	-13	-31.90	-69.73	-55.47	1.13	11.7	V
Middle	3447.18	-45.59	-13	-32.59	-62.61	-52.78	0.81	8.00	H
	5170.77	-35.07	-13	-22.07	-61.20	-44.12	0.95	10.00	H
	6894.36	-42.53	-13	-29.53	-67.31	-54.80	1.13	13.40	H
	3447.18	-44.89	-13	-31.89	-61.59	-56.68	0.81	12.6	V
	5170.77	-34.12	-13	-21.12	-58.07	-45.87	0.95	12.7	V
	6894.36	-45.83	-13	-32.83	-70.66	-56.40	1.13	11.7	V
Highest	3472.18	-48.12	-13	-35.12	-65.14	-55.31	0.81	8.00	H
	5208.27	-37.89	-13	-24.89	-61.90	-46.94	0.95	10.00	H
	6944.36	-41.54	-13	-28.54	-66.32	-53.81	1.13	13.40	H
	3472.18	-47.51	-13	-34.51	-64.21	-59.30	0.81	12.6	V
	5208.27	-34.00	-13	-21.00	-57.78	-45.75	0.95	12.7	V
	6944.36	-45.74	-13	-32.74	-70.57	-56.31	1.13	11.7	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	5000.68	-40.29	-25	-15.29	-56.98	-52.05	0.94	12.70	H
	7501.02	-41.73	-25	-16.73	-63.10	-51.74	1.69	11.70	H
	10001.36	-43.71	-25	-18.71	-68.07	-54.37	1.44	12.10	H
	5000.68	-43.13	-25	-18.13	-58.88	-54.89	0.94	12.70	V
	7501.02	-39.03	-25	-14.03	-60.02	-49.04	1.69	11.70	V
	10001.36	-42.78	-25	-17.78	-65.68	-53.44	1.44	12.10	V
Middle	5065.68	-41.65	-25	-16.65	-57.85	-53.41	0.94	12.70	H
	7598.52	-40.94	-25	-15.94	-62.31	-50.95	1.69	11.70	H
	10131.36	-43.70	-25	-18.70	-68.06	-54.36	1.44	12.10	H
	5065.68	-43.12	-25	-18.12	-58.87	-54.88	0.94	12.70	V
	7598.52	-38.26	-25	-13.26	-59.25	-48.27	1.69	11.70	V
	10131.36	-44.50	-25	-19.50	-67.4	-55.16	1.44	12.10	V
Highest	5130.68	-41.61	-25	-16.61	-57.81	-53.37	0.94	12.70	H
	7696.02	-42.25	-25	-17.25	-63.62	-52.26	1.69	11.70	H
	10261.36	-42.19	-25	-17.19	-66.55	-52.85	1.44	12.10	H
	5130.68	-43.39	-25	-18.39	-59.14	-55.15	0.94	12.70	V
	7696.02	-37.11	-25	-12.11	-58.1	-47.12	1.69	11.70	V
	10261.36	-43.98	-25	-18.98	-66.88	-54.64	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)
Lowest	5001.18	-41.32	-25	-16.32	-57.52	-53.08	0.94	12.70	H
	7501.77	-41.42	-25	-16.42	-62.79	-51.43	1.69	11.70	H
	10002.36	-43.91	-25	-18.91	-68.27	-54.57	1.44	12.10	H
	5001.18	-43.21	-25	-18.21	-58.96	-54.97	0.94	12.70	V
	7501.77	-38.68	-25	-13.68	-59.67	-48.69	1.69	11.70	V
	10002.36	-44.28	-25	-19.28	-67.18	-54.94	1.44	12.10	V
Middle	5061.18	-41.37	-25	-16.37	-57.57	-53.13	0.94	12.70	H
	7591.77	-41.21	-25	-16.21	-62.58	-51.22	1.69	11.70	H
	10122.36	-43.34	-25	-18.34	-67.70	-54.00	1.44	12.10	H
	5061.18	-42.34	-25	-17.34	-58.28	-54.10	0.94	12.70	V
	7591.77	-35.47	-25	-10.47	-56.46	-45.48	1.69	11.70	V
	10122.36	-44.45	-25	-19.45	-67.35	-55.11	1.44	12.10	V
Highest	5121.18	-39.74	-25	-14.74	-56.65	-51.50	0.94	12.70	H
	7681.77	-42.13	-25	-17.13	-63.50	-52.14	1.69	11.70	H
	10242.36	-43.53	-25	-18.53	-67.89	-54.19	1.44	12.10	H
	5121.18	-43.45	-25	-18.45	-59.2	-55.21	0.94	12.70	V
	7681.77	-37.24	-25	-12.24	-58.23	-47.25	1.69	11.70	V
	10242.36	-45.09	-25	-20.09	-67.99	-55.75	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)
Lowest	5001.68	-35.74	-25	-10.74	-53.93	-47.50	0.94	12.70	H
	7502.52	-40.18	-25	-15.18	-61.55	-50.19	1.69	11.70	H
	10003.36	-42.89	-25	-17.89	-67.25	-53.55	1.44	12.10	H
	12504.20	-43.35	-25	-18.35	-71.41	-54.98	1.97	13.60	H
	5001.68	-41.17	-25	-16.17	-57.56	-52.93	0.94	12.70	V
	7502.52	-36.59	-25	-11.59	-57.58	-46.60	1.69	11.70	V
	10003.36	-44.05	-25	-19.05	-66.95	-54.71	1.44	12.10	V
	12504.20	-43.49	-25	-18.49	-70.72	-55.12	1.97	13.60	V
Middle	5056.68	-37.93	-25	-12.93	-55.56	-49.69	0.94	12.70	H
	7585.02	-41.41	-25	-16.41	-62.78	-51.42	1.69	11.70	H
	10131.36	-43.24	-25	-18.24	-67.60	-53.90	1.44	12.10	H
	12641.70	-42.48	-25	-17.48	-70.54	-54.11	1.97	13.60	H
	5056.68	-43.57	-25	-18.57	-59.32	-55.33	0.94	12.70	V
	7585.02	-37.65	-25	-12.65	-58.64	-47.66	1.69	11.70	V
	10131.36	-45.27	-25	-20.27	-68.17	-55.93	1.44	12.10	V
	12641.70	-39.98	-25	-14.98	-67.21	-51.61	1.97	13.60	V
Highest	5111.68	-36.02	-25	-11.02	-54.18	-47.78	0.94	12.70	H
	7667.52	-38.96	-25	-13.96	-60.33	-48.97	1.69	11.70	H
	10223.36	-42.79	-25	-17.79	-67.15	-53.45	1.44	12.10	H
	12779.20	-37.77	-25	-12.77	-65.83	-49.40	1.97	13.60	H
	5111.68	-41.98	-25	-16.98	-58.02	-53.74	0.94	12.70	V
	7667.52	-37.23	-25	-12.23	-58.22	-47.24	1.69	11.70	V
	10223.36	-42.99	-25	-17.99	-65.89	-53.65	1.44	12.10	V
	12779.20	-36.53	-25	-11.53	-63.76	-48.16	1.97	13.60	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	5002.18	-37.64	-25	-12.64	-55.25	-49.40	0.94	12.70	H
	7503.27	-41.34	-25	-16.34	-62.71	-51.35	1.69	11.70	H
	10004.36	-43.72	-25	-18.72	-68.08	-54.38	1.44	12.10	H
	12505.45	-44.23	-25	-19.23	-72.29	-55.86	1.97	13.60	H
	5002.18	-39.75	-25	-14.75	-56.87	-51.51	0.94	12.70	V
	7503.27	-37.64	-25	-12.64	-58.63	-47.65	1.69	11.70	V
	10004.36	-44.73	-25	-19.73	-67.63	-55.39	1.44	12.10	V
	12505.45	-44.88	-25	-19.88	-72.11	-56.51	1.97	13.60	V
Middle	5052.18	-37.47	-25	-12.47	-55.07	-49.23	0.94	12.70	H
	7578.27	-40.76	-25	-15.76	-62.13	-50.77	1.69	11.70	H
	10104.36	-43.20	-25	-18.20	-67.56	-53.86	1.44	12.10	H
	12630.45	-40.35	-25	-15.35	-68.41	-51.98	1.97	13.60	H
	5052.18	-42.94	-25	-17.94	-58.71	-54.70	0.94	12.70	V
	7578.27	-37.47	-25	-12.47	-58.46	-47.48	1.69	11.70	V
	10104.36	-43.37	-25	-18.37	-66.27	-54.03	1.44	12.10	V
	12630.45	-39.58	-25	-14.58	-66.81	-51.21	1.97	13.60	V
Highest	5102.18	-34.94	-25	-9.94	-53.19	-46.70	0.94	12.70	H
	7653.27	-38.75	-25	-13.75	-60.12	-48.76	1.69	11.70	H
	10204.36	-42.93	-25	-17.93	-67.29	-53.59	1.44	12.10	H
	12755.45	-37.69	-25	-12.69	-65.75	-49.32	1.97	13.60	H
	5102.18	-40.19	-25	-15.19	-57.08	-51.95	0.94	12.70	V
	7653.27	-35.55	-25	-10.55	-56.54	-45.56	1.69	11.70	V
	10204.36	-42.74	-25	-17.74	-65.64	-53.40	1.44	12.10	V
	12755.45	-37.90	-25	-12.90	-65.13	-49.53	1.97	13.60	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	-58.21	-13	-45.21	-63.44	-58.60	2.96	5.50	H
	2097.21	-53.83	-13	-40.83	-63.39	-53.83	3.65	5.80	H
	2796.28	-55.67	-13	-42.67	-67.43	-56.09	4.23	6.80	H
	1398.14	-58.15	-13	-45.15	-62.96	-58.54	2.96	5.50	V
	2097.21	-54.38	-13	-41.38	-64.03	-54.38	3.65	5.80	V
	2796.28	-56.68	-13	-43.68	-68.23	-57.10	4.23	6.80	V
Middle	1414	-57.32	-13	-44.32	-62.55	-57.71	2.96	5.50	H
	2122	-54.90	-13	-41.90	-64.46	-54.90	3.65	5.80	H
	2827	-55.10	-13	-42.10	-66.86	-55.52	4.23	6.80	H
	1414	-56.87	-13	-43.87	-61.68	-57.26	2.96	5.50	V
	2122	-57.57	-13	-44.57	-67.22	-57.57	3.65	5.80	V
	2827	-57.28	-13	-44.28	-68.83	-57.70	4.23	6.80	V
Highest	1429.34	-57.21	-13	-44.21	-62.44	-57.60	2.96	5.50	H
	2144.01	-57.33	-13	-44.33	-66.89	-57.33	3.65	5.80	H
	2858.68	-57.74	-13	-44.74	-69.50	-58.16	4.23	6.80	H
	1429.34	-59.18	-13	-46.18	-63.99	-59.57	2.96	5.50	V
	2144.01	-57.59	-13	-44.59	-67.24	-57.59	3.65	5.80	V
	2858.68	-57.66	-13	-44.66	-69.21	-58.08	4.23	6.80	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	-55.48	-13	-42.48	-60.71	-55.87	2.96	5.50	H
	2097.45	-53.75	-13	-40.75	-63.31	-53.75	3.65	5.80	H
	2796.6	-57.17	-13	-44.17	-68.93	-57.59	4.23	6.80	H
	1398.3	-56.55	-13	-43.55	-61.36	-56.94	2.96	5.50	V
	2097.45	-55.24	-13	-42.24	-64.89	-55.24	3.65	5.80	V
	2796.6	-55.08	-13	-42.08	-66.63	-55.50	4.23	6.80	V
Middle	1412.3	-58.26	-13	-45.26	-63.49	-58.65	2.96	5.50	H
	2118.45	-52.88	-13	-39.88	-62.44	-52.88	3.65	5.80	H
	2824.6	-54.97	-13	-41.97	-66.73	-55.39	4.23	6.80	H
	1412.3	-59.10	-13	-46.10	-63.91	-59.49	2.96	5.50	V
	2118.45	-57.65	-13	-44.65	-67.30	-57.65	3.65	5.80	V
	2824.6	-57.57	-13	-44.57	-69.12	-57.99	4.23	6.80	V
Highest	1424.5	-57.13	-13	-44.13	-62.36	-57.52	2.96	5.50	H
	2136.75	-57.52	-13	-44.52	-67.08	-57.52	3.65	5.80	H
	2849	-57.83	-13	-44.83	-69.59	-58.25	4.23	6.80	H
	1424.5	-59.08	-13	-46.08	-63.89	-59.47	2.96	5.50	V
	2136.75	-59.51	-13	-46.51	-69.16	-59.51	3.65	5.80	V
	2849	-57.89	-13	-44.89	-69.44	-58.31	4.23	6.80	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	-60.87	-13	-47.87	-66.10	-61.26	2.96	5.50	H
	2097.75	-59.83	-13	-46.83	-69.39	-59.83	3.65	5.80	H
	2797	-58.18	-13	-45.18	-69.94	-58.60	4.23	6.80	H
	1398.5	-61.52	-13	-48.52	-66.33	-61.91	2.96	5.50	V
	2097.75	-59.66	-13	-46.66	-69.31	-59.66	3.65	5.80	V
	2797	-57.20	-13	-44.20	-68.75	-57.62	4.23	6.80	V
Middle	1410.5	-57.68	-13	-44.68	-62.91	-58.07	2.96	5.50	H
	2115.75	-54.14	-13	-41.14	-63.70	-54.14	3.65	5.80	H
	2821	-56.89	-13	-43.89	-68.65	-57.31	4.23	6.80	H
	1410.5	-62.01	-13	-49.01	-66.82	-62.40	2.96	5.50	V
	2115.75	-59.46	-13	-46.46	-69.11	-59.46	3.65	5.80	V
	2821	-58.05	-13	-45.05	-69.60	-58.47	4.23	6.80	V
Highest	1422.5	-57.50	-13	-44.50	-62.73	-57.89	2.96	5.50	H
	2133.75	-57.43	-13	-44.43	-66.99	-57.43	3.65	5.80	H
	2845	-58.05	-13	-45.05	-69.81	-58.47	4.23	6.80	H
	1422.5	-59.09	-13	-46.09	-63.90	-59.48	2.96	5.50	V
	2133.75	-60.08	-13	-47.08	-69.73	-60.08	3.65	5.80	V
	2845	-57.57	-13	-44.57	-69.12	-57.99	4.23	6.80	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	1399	-58.58	-13	-45.58	-63.81	-58.97	2.96	5.50	H
	2098.5	-53.21	-13	-40.21	-62.77	-53.21	3.65	5.80	H
	2798	-55.00	-13	-42.00	-66.76	-55.42	4.23	6.80	H
	1399	-58.09	-13	-45.09	-62.90	-58.48	2.96	5.50	V
	2098.5	-59.04	-13	-46.04	-68.69	-59.04	3.65	5.80	V
	2798	-56.25	-13	-43.25	-67.80	-56.67	4.23	6.80	V
Middle	1406	-57.19	-13	-44.19	-62.42	-57.58	2.96	5.50	H
	2109	-56.45	-13	-43.45	-66.01	-56.45	3.65	5.80	H
	2812	-56.81	-13	-43.81	-68.57	-57.23	4.23	6.80	H
	1406	-57.96	-13	-44.96	-62.77	-58.35	2.96	5.50	V
	2109	-57.76	-13	-44.76	-67.41	-57.76	3.65	5.80	V
	2812	-57.53	-13	-44.53	-69.08	-57.95	4.23	6.80	V
Highest	1413	-57.37	-13	-44.37	-62.60	-57.76	2.96	5.50	H
	2119.5	-53.77	-13	-40.77	-63.33	-53.77	3.65	5.80	H
	2826	-55.51	-13	-42.51	-67.27	-55.93	4.23	6.80	H
	1413	-57.04	-13	-44.04	-61.85	-57.43	2.96	5.50	V
	2119.5	-57.99	-13	-44.99	-67.64	-57.99	3.65	5.80	V
	2826	-56.41	-13	-43.41	-67.96	-56.83	4.23	6.80	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	1408.68	-50.13	-13	-37.13	-53.97	-56.82	0.56	9.40	H
	2113.02	-57.20	-13	-44.20	-62.94	-64.91	0.74	10.60	H
	2817.36	-57.34	-13	-44.34	-66.15	-66.94	0.85	12.60	H
	1408.68	-55.97	-13	-42.97	-57.63	-62.66	0.56	9.40	V
	2113.02	-60.39	-13	-47.39	-65.97	-68.10	0.74	10.60	V
	2817.36	-58.65	-13	-45.65	-66.79	-68.25	0.85	12.60	V
Middle	1415.68	-49.24	-13	-36.24	-53.56	-55.93	0.56	9.40	H
	2123.58	-57.67	-13	-44.67	-63.41	-65.38	0.74	10.60	H
	2831.36	-56.36	-13	-43.36	-65.17	-65.96	0.85	12.60	H
	1415.68	-57.11	-13	-44.11	-58.77	-63.80	0.56	9.40	V
	2123.58	-59.32	-13	-46.32	-64.90	-67.03	0.74	10.60	V
	2831.36	-58.61	-13	-45.61	-66.75	-68.21	0.85	12.60	V
Highest	1422.68	-51.05	-13	-38.05	-54.82	-57.74	0.56	9.40	H
	2134.02	-57.18	-13	-44.18	-62.92	-64.89	0.74	10.60	H
	2845.36	-56.99	-13	-43.99	-65.80	-66.59	0.85	12.60	H
	1422.68	-58.34	-13	-45.34	-60.00	-65.03	0.56	9.40	V
	2134.02	-60.45	-13	-47.45	-66.03	-68.16	0.74	10.60	V
	2845.36	-58.54	-13	-45.54	-66.68	-68.14	0.85	12.60	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	1409.18	-50.50	-13	-37.50	-54.32	-57.19	0.56	9.40	H
	2113.77	-56.76	-13	-43.76	-62.50	-64.47	0.74	10.60	H
	2818.36	-56.67	-13	-43.67	-65.48	-66.27	0.85	12.60	H
	1409.18	-57.74	-13	-44.74	-59.40	-64.43	0.56	9.40	V
	2113.77	-60.46	-13	-47.46	-66.04	-68.17	0.74	10.60	V
	2818.36	-58.47	-13	-45.47	-66.61	-68.07	0.85	12.60	V
Middle	1411.18	-50.35	-13	-37.35	-54.18	-57.04	0.56	9.40	H
	2116.77	-58.08	-13	-45.08	-63.82	-65.79	0.74	10.60	H
	2822.36	-56.98	-13	-43.98	-65.79	-66.58	0.85	12.60	H
	1411.18	-58.42	-13	-45.42	-60.08	-65.11	0.56	9.40	V
	2116.77	-60.34	-13	-47.34	-65.92	-68.05	0.74	10.60	V
	2822.36	-58.38	-13	-45.38	-66.52	-67.98	0.85	12.60	V
Highest	1413.18	-50.90	-13	-37.90	-54.70	-57.59	0.56	9.40	H
	2119.77	-58.43	-13	-45.43	-64.17	-66.14	0.74	10.60	H
	2826.36	-56.17	-13	-43.17	-64.98	-65.77	0.85	12.60	H
	1413.18	-57.89	-13	-44.89	-59.55	-64.58	0.56	9.40	V
	2119.77	-59.93	-13	-46.93	-65.51	-67.64	0.74	10.60	V
	2826.36	-58.20	-13	-45.20	-66.34	-67.80	0.85	12.60	V

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