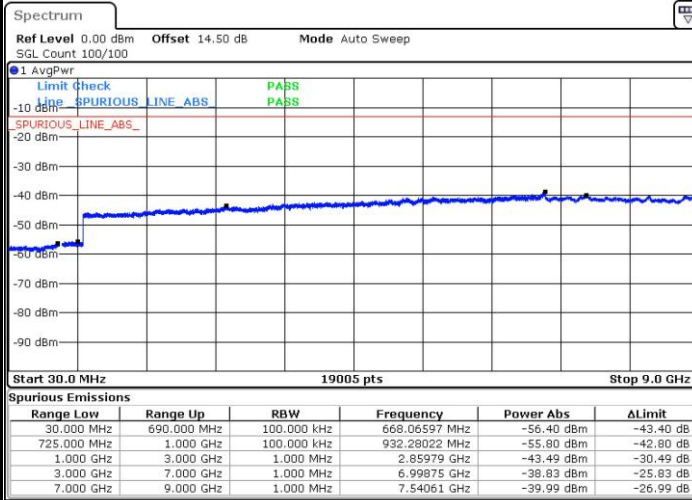




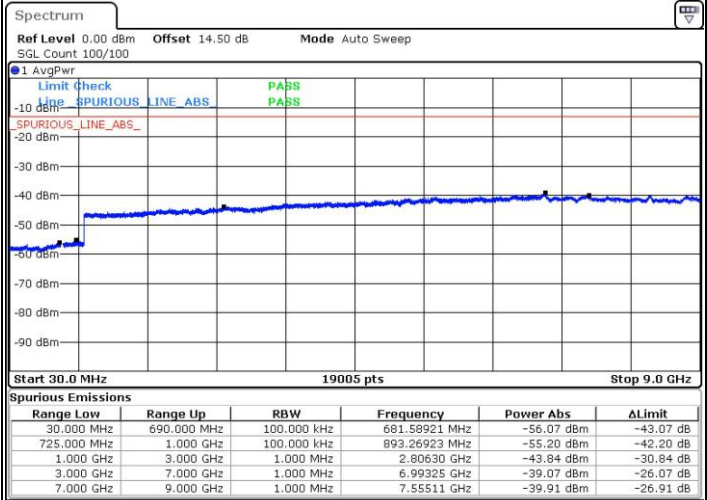
## LTE Band 12 / 1.4MHz

## Highest Channel / QPSK



Date: 23.DEC.2015 19:44:00

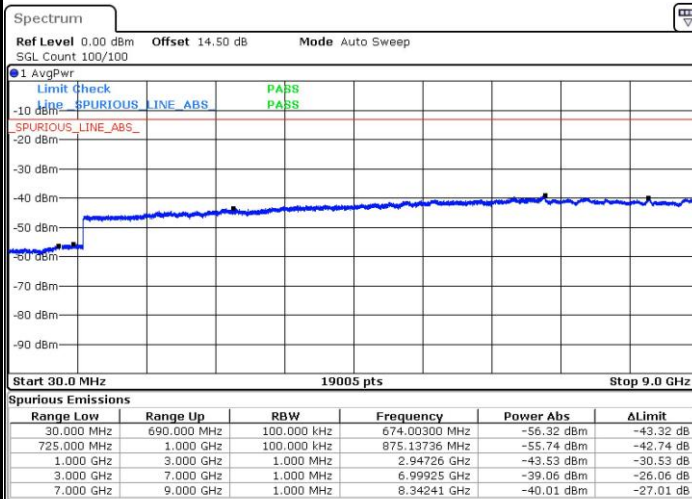
## Highest Channel / 16QAM



Date: 23.DEC.2015 19:44:56

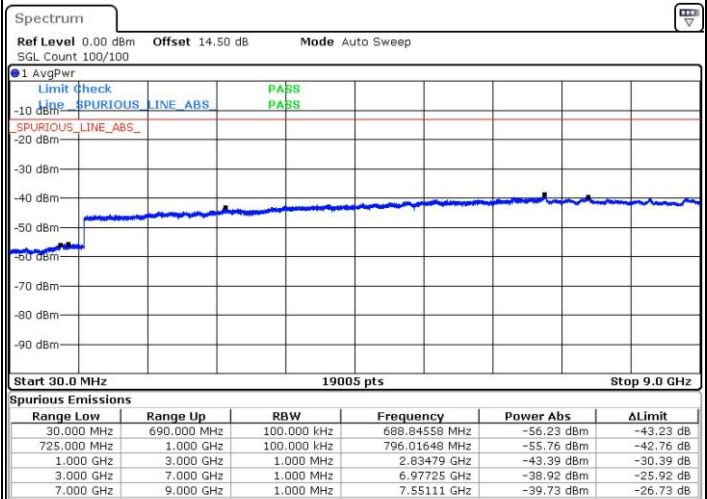
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK



Date: 23.DEC.2015 19:54:45

## Lowest Channel / 16QAM

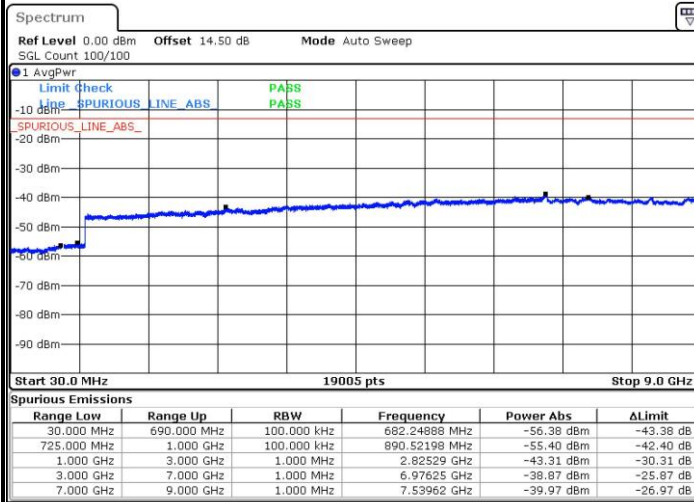


Date: 23.DEC.2015 19:55:42



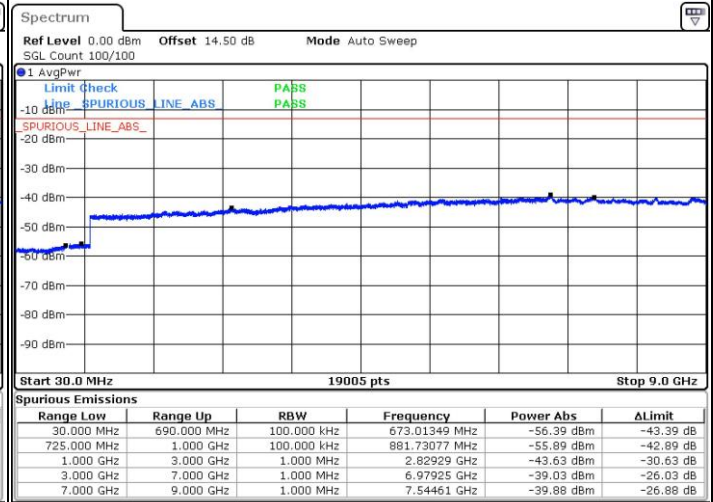
## LTE Band 12 / 3MHz

## Middle Channel / QPSK



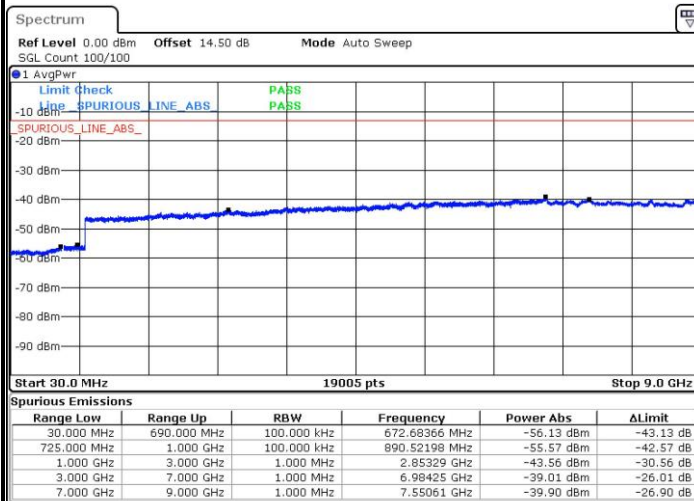
Date: 23.DEC.2015 19:57:20

## Middle Channel / 16QAM



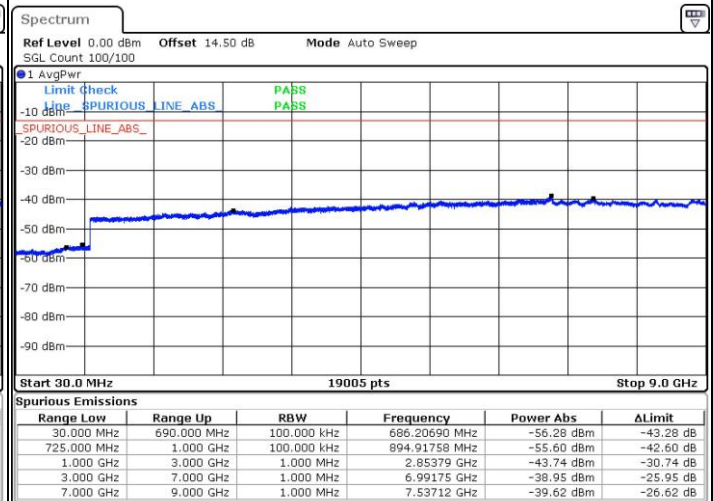
Date: 23.DEC.2015 19:58:17

## Highest Channel / QPSK



Date: 23.DEC.2015 20:08:05

## Highest Channel / 16QAM

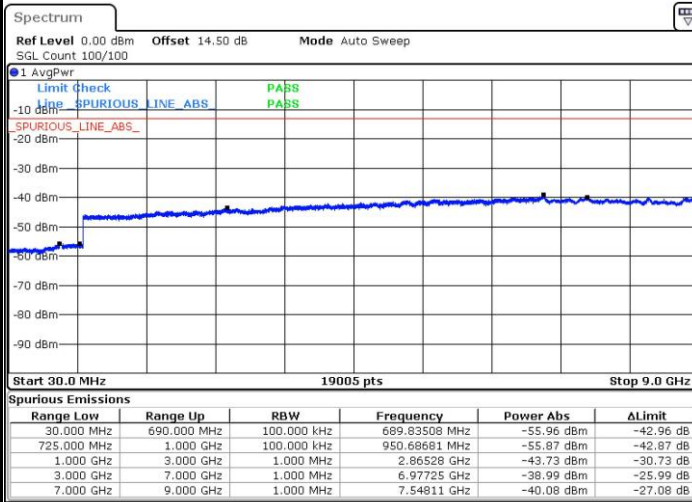


Date: 23.DEC.2015 20:09:02



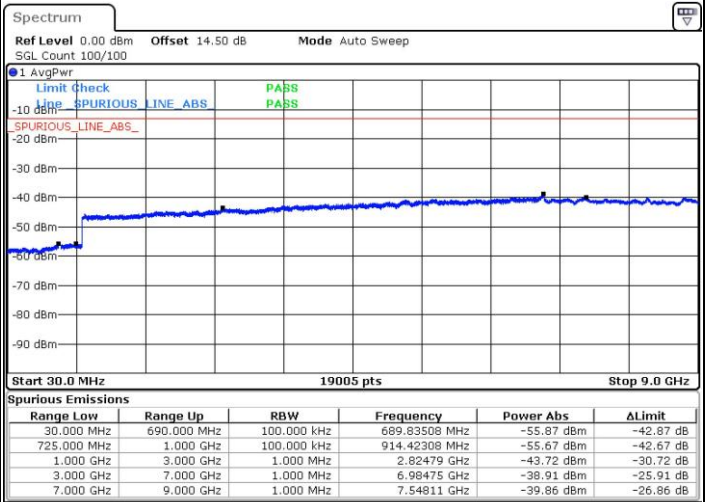
## LTE Band 12 / 5MHz

## Lowest Channel / QPSK



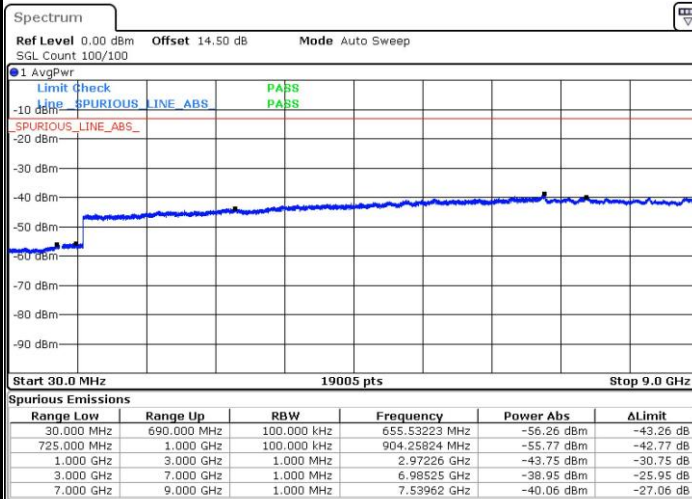
Date: 23.DEC.2015 20:18:50

## Lowest Channel / 16QAM



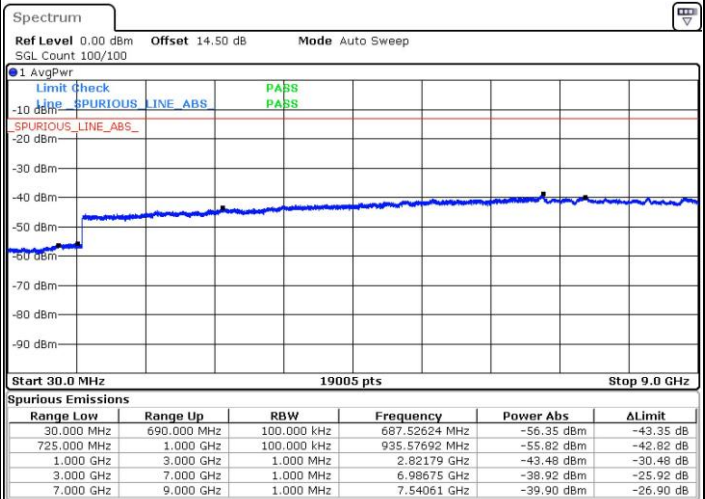
Date: 23.DEC.2015 20:19:47

## Middle Channel / QPSK



Date: 23.DEC.2015 20:21:25

## Middle Channel / 16QAM

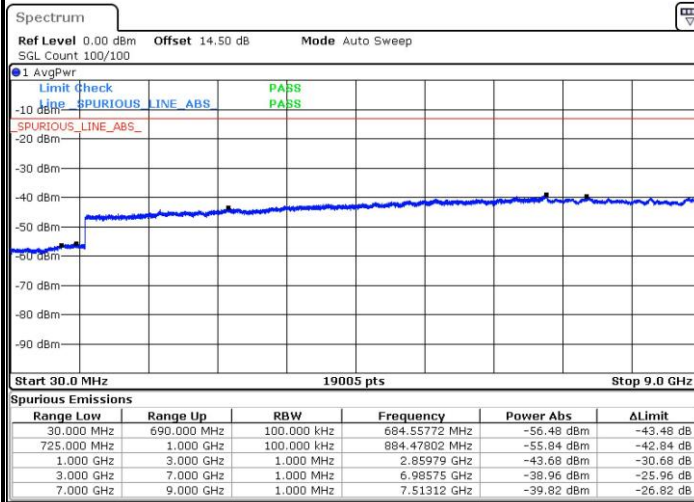


Date: 23.DEC.2015 20:22:22



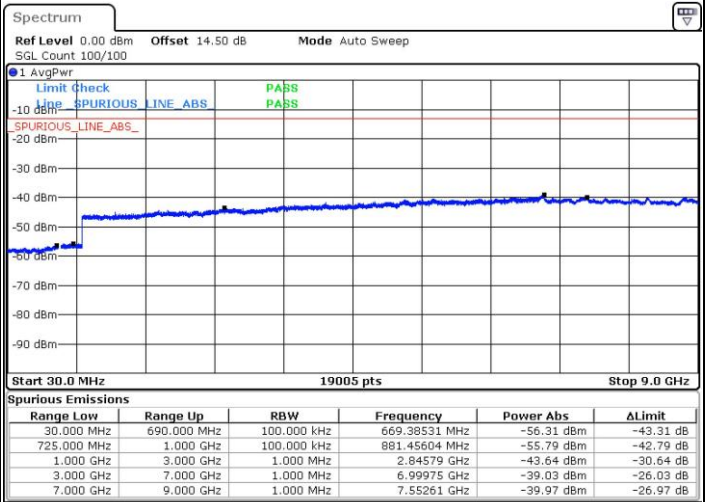
## LTE Band 12 / 5MHz

## Highest Channel / QPSK



Date: 23.DEC.2015 20:32:10

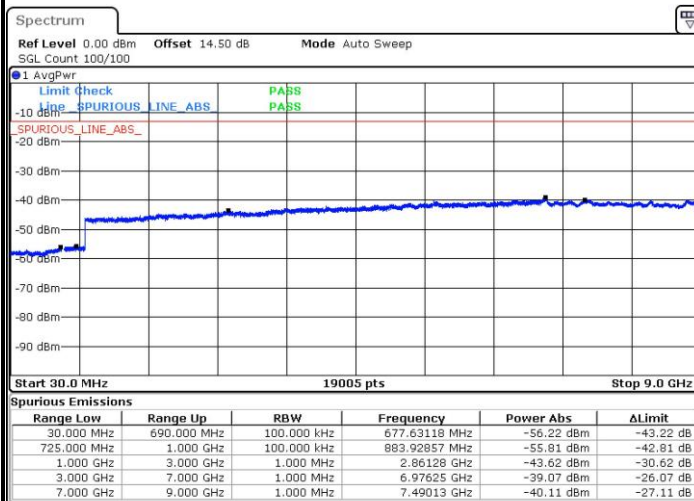
## Highest Channel / 16QAM



Date: 23.DEC.2015 20:33:06

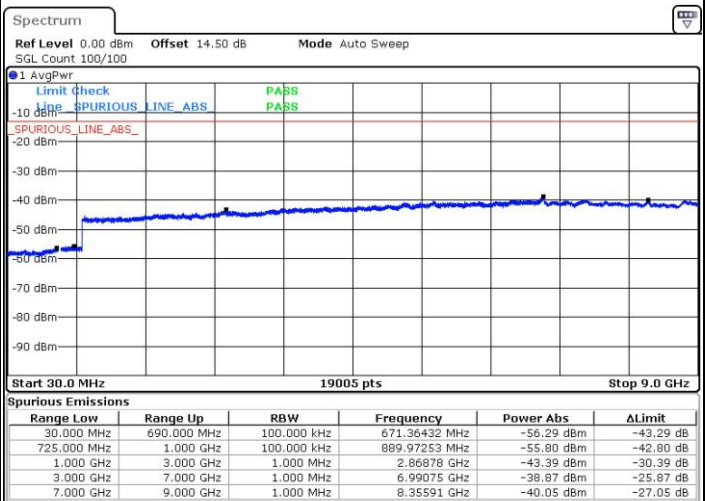
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK



Date: 23.DEC.2015 20:42:55

## Lowest Channel / 16QAM

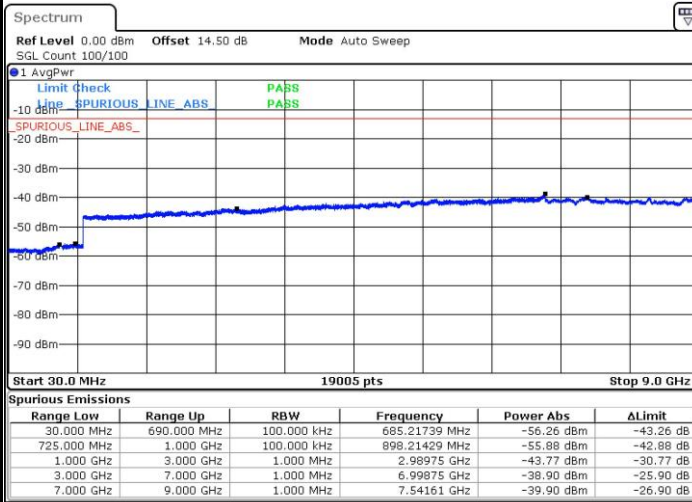


Date: 23.DEC.2015 20:43:52



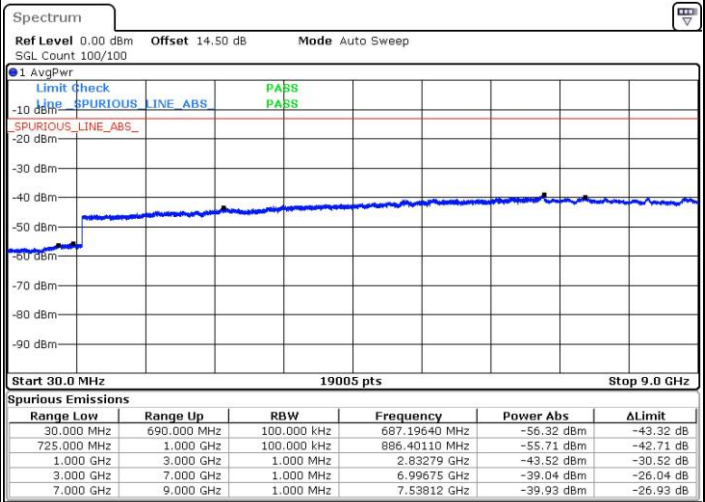
## LTE Band 12 / 10MHz

## Middle Channel / QPSK



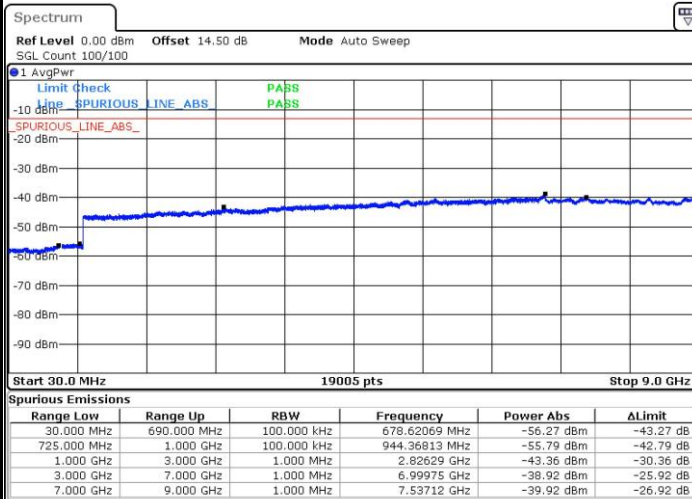
Date: 23.DEC.2015 21:04:44

## Middle Channel / 16QAM



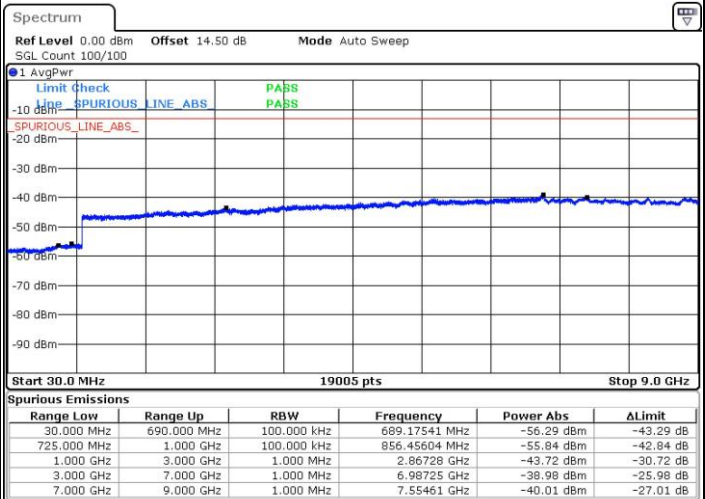
Date: 23.DEC.2015 21:03:43

## Highest Channel / QPSK



Date: 23.DEC.2015 21:05:27

## Highest Channel / 16QAM

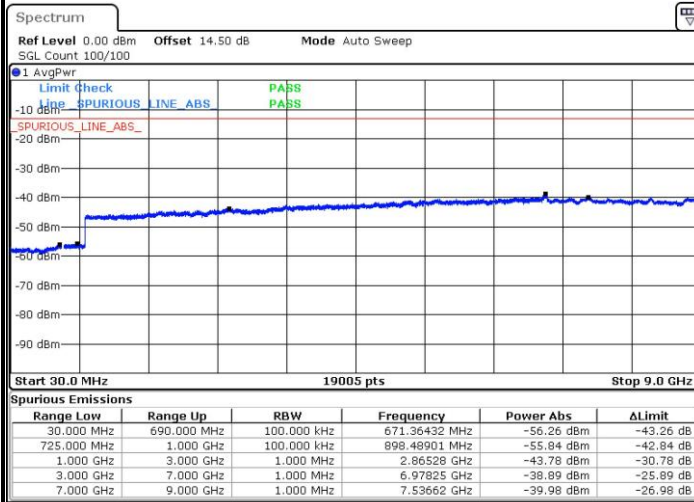


Date: 23.DEC.2015 21:06:11



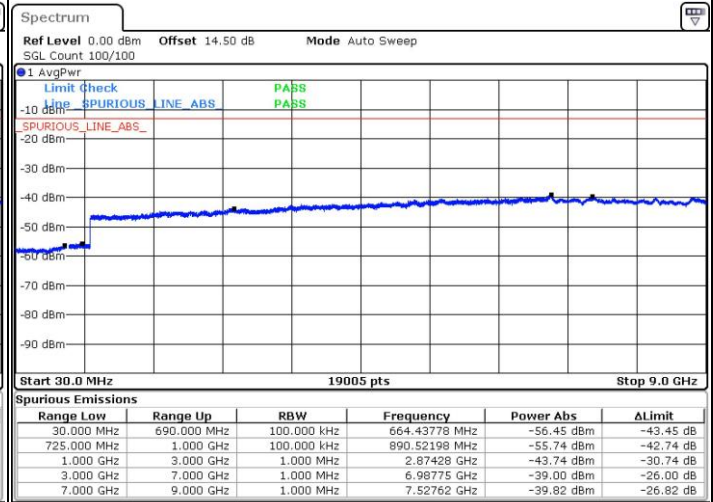
## LTE Band 17 / 5MHz

## Lowest Channel / QPSK



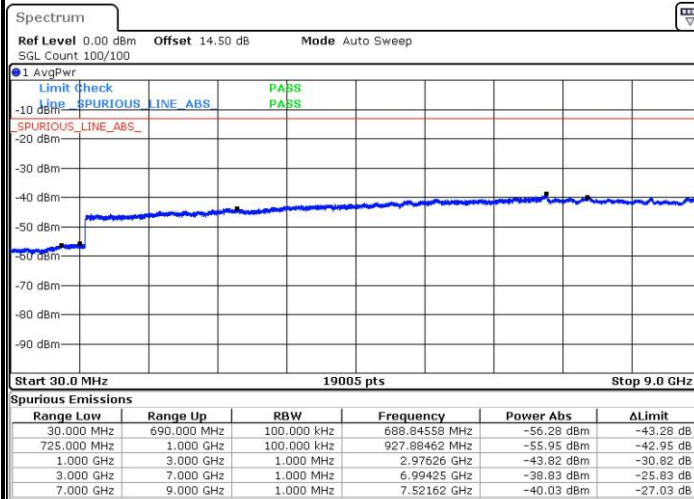
Date: 23.DEC.2015 18:22:46

## Lowest Channel / 16QAM



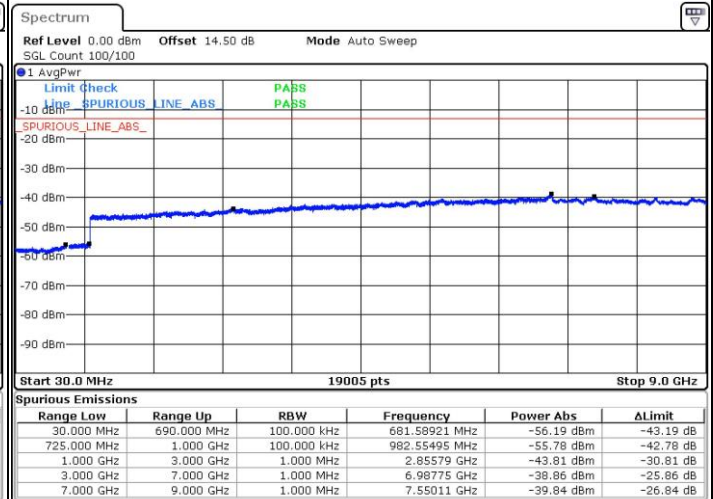
Date: 23.DEC.2015 18:23:43

## Middle Channel / QPSK



Date: 23.DEC.2015 18:25:22

## Middle Channel / 16QAM



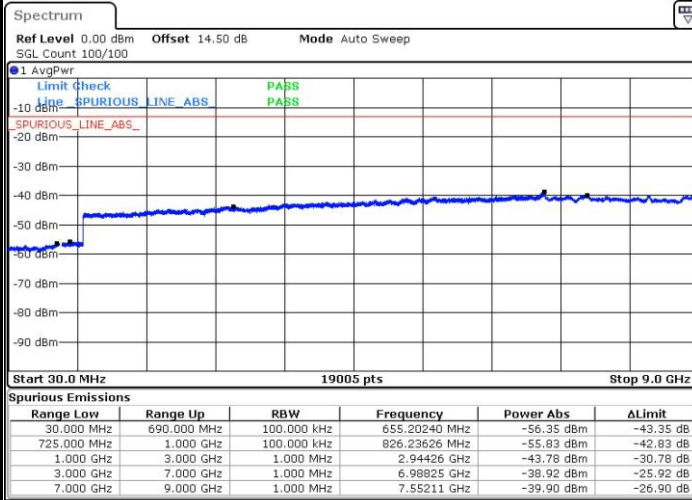
Date: 23.DEC.2015 18:26:18





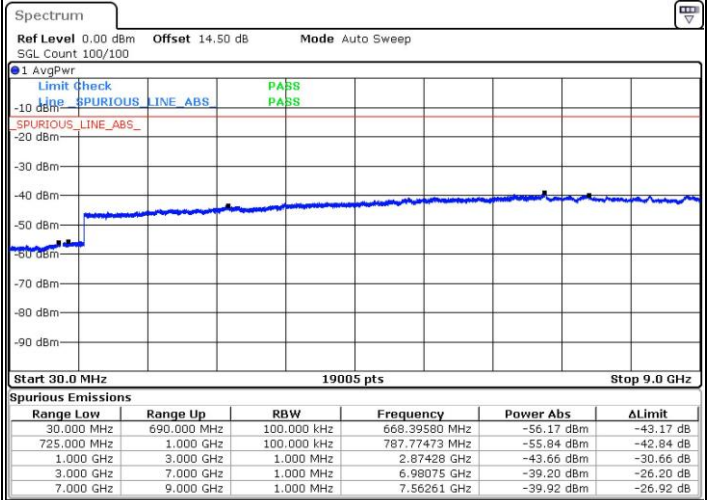
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 23.DEC.2015 18:36:08

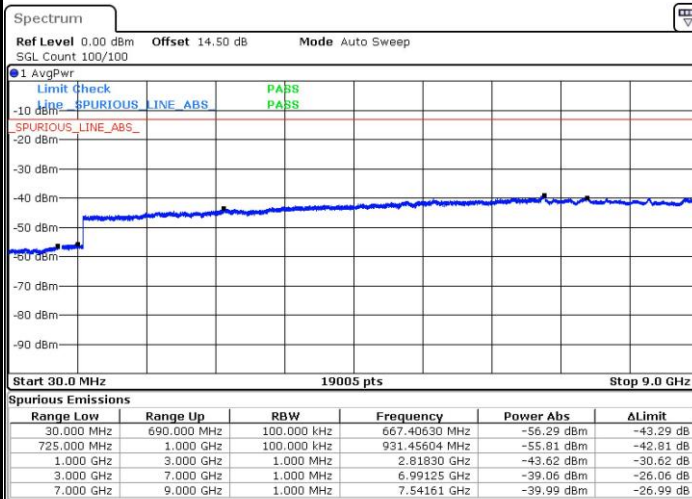
## Highest Channel / 16QAM



Date: 23.DEC.2015 18:37:05

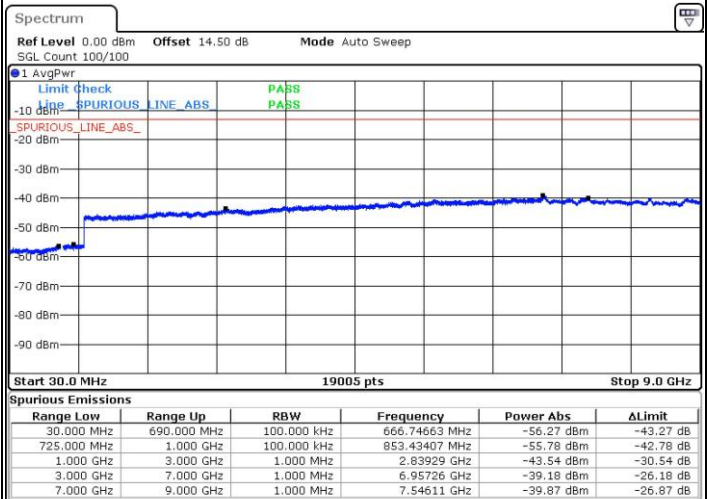
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



Date: 23.DEC.2015 19:13:50

## Lowest Channel / 16QAM

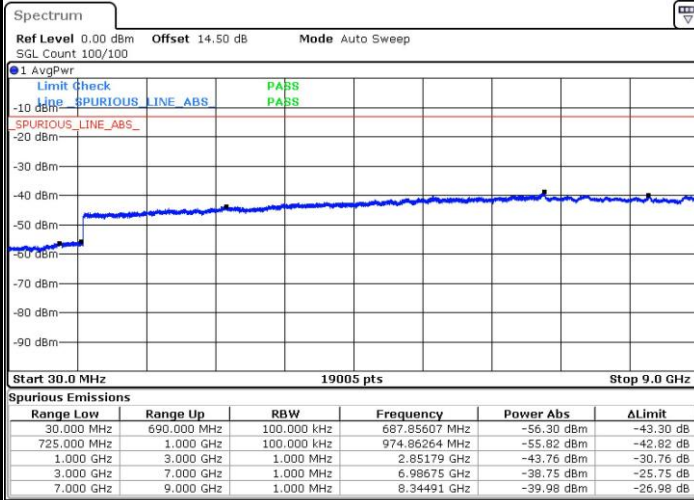


Date: 23.DEC.2015 19:13:10



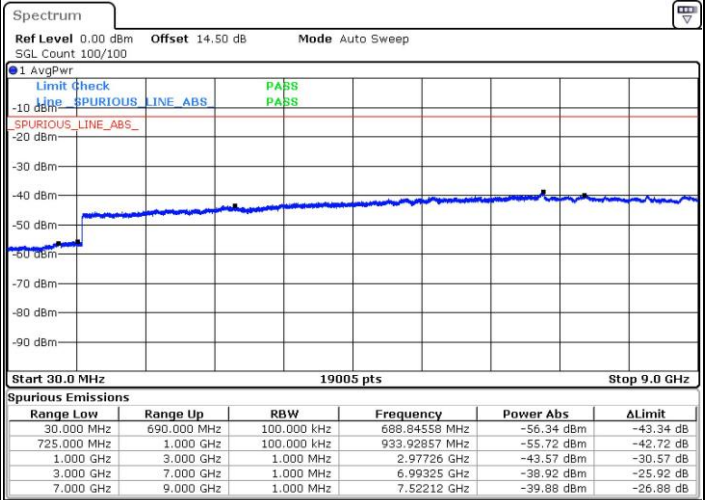
## LTE Band 17 / 10MHz

## Middle Channel / QPSK



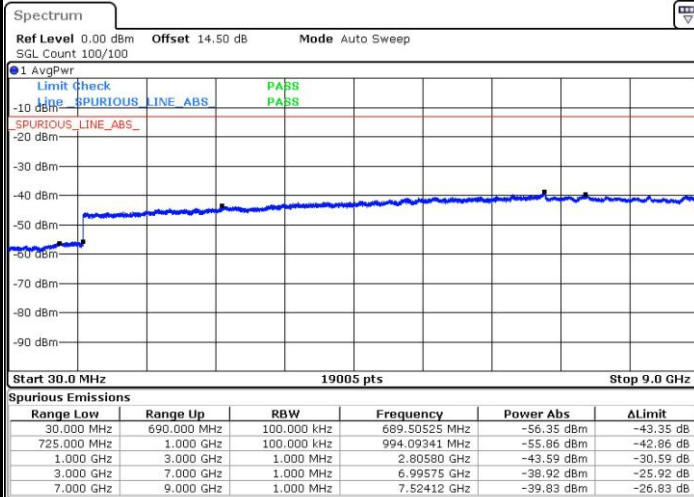
Date: 23.DEC.2015 19:15:12

## Middle Channel / 16QAM



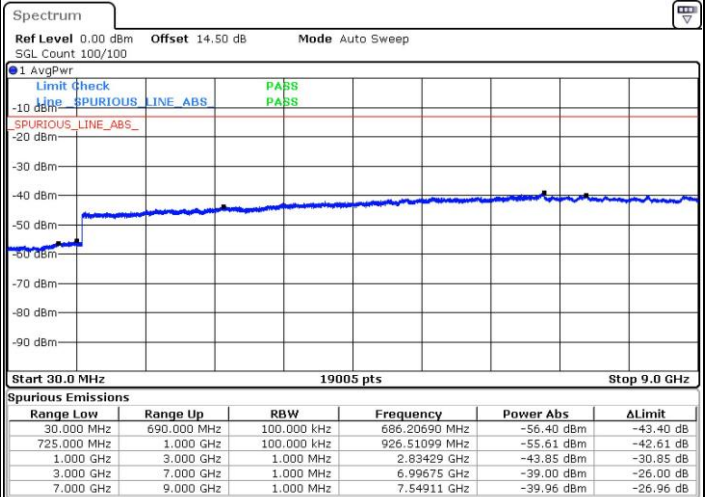
Date: 23.DEC.2015 19:14:36

## Highest Channel / QPSK



Date: 23.DEC.2015 19:16:39

## Highest Channel / 16QAM



Date: 23.DEC.2015 19:16:04



**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	0.0021	PASS
40	Normal Voltage	0.0074	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0080	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 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 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0029	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0098	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0098	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0000	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 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	0.0118	PASS
40	Normal Voltage	0.0107	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0087	
0	Normal Voltage	0.0099	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0103	
-30	Normal Voltage	0.0107	
20	Maximum Voltage	0.0110	
20	Normal Voltage	0.0099	
20	Battery End Point	0.0095	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 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 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0212	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0155	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0184	
-10	Normal Voltage	0.0212	
-20	Normal Voltage	0.0240	
-30	Normal Voltage	0.0226	
20	Maximum Voltage	0.0198	
20	Normal Voltage	0.0170	
20	Battery End Point	0.0198	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; 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	0.0183	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0169	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0127	
0	Normal Voltage	0.0155	
-10	Normal Voltage	0.0183	
-20	Normal Voltage	0.0197	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0183	
20	Normal Voltage	0.0155	
20	Battery End Point	0.0197	

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 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	3	0	22.76	0.1888	22.84	0.1925
Middle		3	0	22.37	0.1725	22.48	0.1770
Highest		3	3	21.51	0.1415	21.57	0.1436
Lowest	16QAM	1	3	21.25	0.1333	21.42	0.1387
Middle		1	3	20.82	0.1209	21.09	0.1284
Highest		1	3	19.86	0.0968	20.07	0.1016
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	8	22.56	0.1804	22.68	0.1855
Middle		1	8	22.15	0.1641	22.27	0.1685
Highest		1	8	21.30	0.1349	21.40	0.1380
Lowest	16QAM	1	8	21.25	0.1334	21.46	0.1400
Middle		1	8	20.88	0.1225	21.14	0.1299
Highest		1	8	19.97	0.0994	20.22	0.1052
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	12	22.50	0.1777	22.72	0.1869
Middle		1	12	22.15	0.1642	22.35	0.1719
Highest		1	12	21.30	0.1348	21.45	0.1396
Lowest	16QAM	1	12	21.23	0.1326	21.47	0.1402
Middle		1	12	20.89	0.1227	21.14	0.1300
Highest		1	0	19.98	0.0995	20.25	0.1060
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	25	22.53	0.1793	22.49	0.1773
Middle		1	25	21.98	0.1579	22.01	0.1587
Highest		1	49	20.90	0.1231	21.20	0.1319
Lowest	16QAM	1	0	21.20	0.1319	21.68	0.1472
Middle		1	0	20.90	0.1231	21.42	0.1386
Highest		1	25	19.85	0.0965	20.33	0.1078
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	22.68	0.1852	22.60	0.1819
Middle		1	37	22.02	0.1593	22.05	0.1605
Highest		1	74	20.95	0.1243	21.27	0.1338
Lowest	16QAM	1	0	21.53	0.1422	21.72	0.1487
Middle		1	37	21.13	0.1297	21.37	0.1372
Highest		1	37	20.27	0.1063	20.68	0.1170
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	22.56	0.1804	22.76	0.1886
Middle		1	0	22.21	0.1665	22.45	0.1756
Highest		1	0	21.74	0.1491	22.02	0.1592
Lowest	16QAM	1	99	21.37	0.1372	21.53	0.1422
Middle		1	0	21.30	0.1349	21.51	0.1417
Highest		1	49	20.39	0.1095	20.75	0.1187
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	22.17	0.1649	19.82	0.0959
Middle		3	0	22.29	0.1694	20.33	0.1079
Highest		3	3	22.07	0.1610	20.20	0.1048
Lowest	16QAM	1	3	20.91	0.1234	18.60	0.0725
Middle		1	3	21.13	0.1297	19.17	0.0825
Highest		1	3	20.92	0.1237	19.07	0.0808
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	21.71	0.1484	19.87	0.0970
Middle		1	8	21.77	0.1505	20.29	0.1069
Highest		1	8	21.58	0.1439	20.25	0.1059
Lowest	16QAM	1	8	21.07	0.1279	18.70	0.0741
Middle		1	8	21.22	0.1323	19.19	0.0829
Highest		1	8	21.02	0.1265	19.08	0.0810
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	12	21.73	0.1490	19.88	0.0973
Middle		1	24	21.78	0.1505	20.21	0.1050
Highest		1	24	21.53	0.1422	20.27	0.1063
Lowest	16QAM	1	12	21.05	0.1273	18.56	0.0717
Middle		1	0	21.01	0.1261	19.11	0.0815
Highest		1	0	20.86	0.1219	19.12	0.0817
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	22.28	0.1692	19.52	0.0896
Middle		1	25	22.10	0.1621	19.76	0.0947
Highest		1	0	21.93	0.1559	19.85	0.0967
Lowest	16QAM	1	49	21.26	0.1335	18.89	0.0775
Middle		1	0	21.27	0.1338	18.97	0.0789
Highest		1	49	20.88	0.1225	19.40	0.0871
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	21.84	0.1527	19.95	0.0989
Middle		1	37	22.12	0.1631	20.20	0.1046
Highest		1	0	21.80	0.1515	20.29	0.1070
Lowest	16QAM	1	0	21.15	0.1303	18.70	0.0741
Middle		1	74	21.43	0.1390	19.13	0.0818
Highest		1	74	21.12	0.1293	19.05	0.0803
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	21.80	0.1515	19.95	0.0989
Middle		1	0	21.93	0.1560	20.12	0.1029
Highest		1	0	22.16	0.1644	19.95	0.0989
Lowest	16QAM	1	0	21.14	0.1301	18.68	0.0739
Middle		1	0	21.35	0.1364	18.95	0.0786
Highest		1	99	21.14	0.1301	19.01	0.0796
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	12	19.50	0.0891	19.76	0.0947
Middle		1	0	19.81	0.0957	19.65	0.0922
Highest		1	24	20.11	0.1026	20.21	0.1049
Lowest	16QAM	1	24	18.54	0.0715	18.57	0.0719
Middle		1	24	18.96	0.0787	18.77	0.0753
Highest		1	24	19.38	0.0868	19.45	0.0881
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	19.72	0.0938	19.64	0.0920
Middle		1	49	19.71	0.0936	19.47	0.0884
Highest		1	25	19.60	0.0911	19.68	0.0929
Lowest	16QAM	1	49	18.68	0.0737	18.57	0.0719
Middle		1	49	18.90	0.0777	18.71	0.0743
Highest		1	49	19.22	0.0836	19.30	0.0851
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	19.72	0.0938	19.65	0.0923
Middle		1	74	19.87	0.0970	19.72	0.0938
Highest		1	74	19.70	0.0934	19.76	0.0947
Lowest	16QAM	1	37	18.78	0.0755	18.57	0.0720
Middle		1	74	18.65	0.0732	18.45	0.0699
Highest		1	37	19.01	0.0796	19.11	0.0814
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	19.92	0.0982	19.70	0.0932
Middle		1	99	20.04	0.1009	19.82	0.0959
Highest		1	99	20.03	0.1006	20.08	0.1019
Lowest	16QAM	1	49	18.60	0.0724	18.46	0.0702
Middle		1	99	18.76	0.0751	18.70	0.0741
Highest		1	0	18.80	0.0759	18.79	0.0757
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	3	17.93	0.0620	7.47	0.0056
Middle		3	3	18.88	0.0773	8.87	0.0077
Highest		3	3	18.68	0.0737	8.66	0.0073
Lowest	16QAM	1	3	17.20	0.0524	6.77	0.0047
Middle		1	3	18.16	0.0654	8.09	0.0064
Highest		1	3	17.78	0.0600	7.78	0.0060
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	8	17.88	0.0614	7.46	0.0056
Middle		1	8	18.78	0.0755	8.67	0.0074
Highest		1	8	18.53	0.0712	8.51	0.0071
Lowest	16QAM	1	0	17.27	0.0534	6.91	0.0049
Middle		1	14	18.10	0.0646	8.08	0.0064
Highest		1	0	17.87	0.0613	7.87	0.0061
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	18.37	0.0688	8.56	0.0072
Middle		1	12	18.75	0.0750	9.03	0.0080
Highest		1	24	18.38	0.0689	8.78	0.0076
Lowest	16QAM	1	24	17.67	0.0585	7.87	0.0061
Middle		1	24	18.00	0.0631	8.35	0.0068
Highest		1	0	18.04	0.0636	8.42	0.0069
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	49	18.72	0.0745	9.11	0.0081
Middle		1	49	18.70	0.0742	9.06	0.0081
Highest		1	49	18.40	0.0692	8.82	0.0076
Lowest	16QAM	1	49	17.97	0.0626	8.39	0.0069
Middle		1	25	17.94	0.0622	8.32	0.0068
Highest		1	49	17.94	0.0622	8.29	0.0067
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	18.58	0.0721	6.20	0.0042
Middle		1	12	19.01	0.0797	6.88	0.0049
Highest		1	12	19.25	0.0841	7.25	0.0053
Lowest	16QAM	1	12	17.85	0.0609	5.99	0.0040
Middle		1	0	18.17	0.0657	6.51	0.0045
Highest		1	12	18.45	0.0700	6.92	0.0049
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	49	19.22	0.0836	7.23	0.0053
Middle		1	49	19.28	0.0846	7.32	0.0054
Highest		1	49	19.29	0.0849	7.42	0.0055
Lowest	16QAM	1	49	18.01	0.0632	6.29	0.0043
Middle		1	0	18.47	0.0704	6.91	0.0049
Highest		1	49	18.53	0.0712	7.08	0.0051
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	-54.24	-13	-41.24	-65.49	-65.97	0.87	12.60	H
	5550.48	-35.95	-13	-22.95	-52.74	-47.98	1.07	13.10	H
	7400.64	-45.00	-13	-32.00	-63.32	-54.61	1.69	11.30	H
	3700.32	-52.22	-13	-39.22	-64.69	-63.95	0.87	12.60	V
	5550.48	-35.19	-13	-22.19	-52.58	-47.22	1.07	13.10	V
	7400.64	-42.78	-13	-29.78	-61	-52.39	1.69	11.30	V
Middle	3758.92	-52.16	-13	-39.16	-63.41	-63.89	0.87	12.60	H
	5638.38	-39.56	-13	-26.56	-55.69	-51.59	1.07	13.10	H
	7517.84	-49.82	-13	-36.82	-68.14	-59.43	1.69	11.30	H
	3758.92	-48.59	-13	-35.59	-61.06	-60.32	0.87	12.60	V
	5638.38	-39.54	-13	-26.54	-55.93	-51.57	1.07	13.10	V
	7517.84	-47.98	-13	-34.98	-66.2	-57.59	1.69	11.30	V
Highest	3817.52	-50.41	-13	-37.41	-61.66	-62.14	0.87	12.60	H
	5726.28	-41.93	-13	-28.93	-57.81	-53.96	1.07	13.10	H
	7635.04	-44.55	-13	-31.55	-62.87	-54.16	1.69	11.30	H
	3817.52	-48.98	-13	-35.98	-61.45	-60.71	0.87	12.60	V
	5726.28	-40.51	-13	-27.51	-56.83	-52.54	1.07	13.10	V
	7635.04	-42.13	-13	-29.13	-60.35	-51.74	1.69	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	-53.07	-13	-40.07	-64.32	-64.80	0.87	12.60	H
	5550.72	-34.61	-13	-21.61	-51.82	-46.64	1.07	13.10	H
	7400.96	-46.63	-13	-33.63	-64.95	-56.24	1.69	11.30	H
	3700.48	-52.66	-13	-39.66	-65.13	-64.39	0.87	12.60	V
	5550.72	-35.46	-13	-22.46	-52.85	-47.49	1.07	13.10	V
	7400.96	-42.94	-13	-29.94	-61.16	-52.55	1.69	11.30	V
Middle	3758.92	-51.93	-13	-38.93	-63.18	-63.66	0.87	12.60	H
	5638.38	-38.74	-13	-25.74	-55.20	-50.77	1.07	13.10	H
	7517.84	-48.27	-13	-35.27	-66.59	-57.88	1.69	11.30	H
	3758.92	-48.80	-13	-35.80	-61.27	-60.53	0.87	12.60	V
	5638.38	-38.06	-13	-25.06	-54.86	-50.09	1.07	13.10	V
	7517.84	-48.18	-13	-35.18	-66.4	-57.79	1.69	11.30	V
Highest	3814.48	-50.54	-13	-37.54	-61.79	-62.27	0.87	12.60	H
	5721.72	-41.21	-13	-28.21	-57.09	-53.24	1.07	13.10	H
	7628.96	-46.26	-13	-33.26	-64.58	-55.87	1.69	11.30	H
	3814.48	-47.87	-13	-34.87	-60.34	-59.60	0.87	12.60	V
	5721.72	-39.13	-13	-26.13	-55.58	-51.16	1.07	13.10	V
	7628.96	-43.90	-13	-30.90	-62.12	-53.51	1.69	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	-53.67	-13	-40.67	-64.92	-65.40	0.87	12.60	H
	5551.02	-34.53	-13	-21.53	-51.76	-46.56	1.07	13.10	H
	7401.36	-44.55	-13	-31.55	-62.87	-54.16	1.69	11.30	H
	3700.68	-51.61	-13	-38.61	-64.08	-63.34	0.87	12.60	V
	5551.02	-35.57	-13	-22.57	-52.96	-47.60	1.07	13.10	V
	7401.36	-42.78	-13	-29.78	-61	-52.39	1.69	11.30	V
Middle	3755.68	-51.40	-13	-38.40	-62.65	-63.13	0.87	12.60	H
	5633.52	-38.92	-13	-25.92	-55.37	-50.95	1.07	13.10	H
	7511.36	-47.80	-13	-34.80	-66.12	-57.41	1.69	11.30	H
	3755.68	-48.08	-13	-35.08	-60.55	-59.81	0.87	12.60	V
	5633.52	-37.67	-13	-24.67	-54.52	-49.70	1.07	13.10	V
	7511.36	-46.76	-13	-33.76	-64.98	-56.37	1.69	11.30	V
Highest	3814.48	-50.52	-13	-37.52	-61.77	-62.25	0.87	12.60	H
	5721.72	-41.34	-13	-28.34	-57.22	-53.37	1.07	13.10	H
	7628.96	-48.28	-13	-35.28	-66.60	-57.89	1.69	11.30	H
	3814.48	-47.41	-13	-34.41	-59.88	-59.14	0.87	12.60	V
	5721.72	-39.40	-13	-26.40	-55.81	-51.43	1.07	13.10	V
	7628.96	-49.22	-13	-36.22	-67.44	-58.83	1.69	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	-53.66	-13	-40.66	-64.91	-65.39	0.87	12.60	H
	5551.77	-35.98	-13	-22.98	-52.76	-48.01	1.07	13.10	H
	7402.36	-45.59	-13	-32.59	-63.91	-55.20	1.69	11.30	H
	3701.18	-50.24	-13	-37.24	-62.71	-61.97	0.87	12.60	V
	5551.77	-34.86	-13	-21.86	-52.3	-46.89	1.07	13.10	V
	7402.36	-41.76	-13	-28.76	-59.98	-51.37	1.69	11.30	V
Middle	3751.18	-51.36	-13	-38.36	-62.61	-63.09	0.87	12.60	H
	5626.77	-38.52	-13	-25.52	-54.98	-50.55	1.07	13.10	H
	7502.36	-48.60	-13	-35.60	-66.92	-58.21	1.69	11.30	H
	3751.18	-48.62	-13	-35.62	-61.09	-60.35	0.87	12.60	V
	5626.77	-36.36	-13	-23.36	-53.58	-48.39	1.07	13.10	V
	7502.36	-47.60	-13	-34.60	-65.82	-57.21	1.69	11.30	V
Highest	3801.18	-49.93	-13	-36.93	-61.18	-61.66	0.87	12.60	H
	5701.77	-40.08	-13	-27.08	-55.96	-52.11	1.07	13.10	H
	7602.36	-49.90	-13	-36.90	-68.22	-59.51	1.69	11.30	H
	3801.18	-45.60	-13	-32.60	-58.07	-57.33	0.87	12.60	V
	5701.77	-37.97	-13	-24.97	-54.79	-50.00	1.07	13.10	V
	7602.36	-47.96	-13	-34.96	-66.18	-57.57	1.69	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	-53.74	-13	-40.74	-64.99	-65.47	0.87	12.60	H
	5552.52	-35.74	-13	-22.74	-52.61	-47.77	1.07	13.10	H
	7403.36	-45.15	-13	-32.15	-63.47	-54.76	1.69	11.30	H
	3701.68	-52.89	-13	-39.89	-65.36	-64.62	0.87	12.60	V
	5552.52	-35.36	-13	-22.36	-52.75	-47.39	1.07	13.10	V
	7403.36	-41.75	-13	-28.75	-59.97	-51.36	1.69	11.30	V
Middle	3746.68	-50.65	-13	-37.65	-61.90	-62.38	0.87	12.60	H
	5620.02	-38.11	-13	-25.11	-54.59	-50.14	1.07	13.10	H
	7493.36	-49.37	-13	-36.37	-67.69	-58.98	1.69	11.30	H
	3746.68	-47.46	-13	-34.46	-59.93	-59.19	0.87	12.60	V
	5620.02	-36.62	-13	-23.62	-53.72	-48.65	1.07	13.10	V
	7493.36	-48.10	-13	-35.10	-66.32	-57.71	1.69	11.30	V
Highest	3791.68	-49.13	-13	-36.13	-60.38	-60.86	0.87	12.60	H
	5687.52	-38.21	-13	-25.21	-54.68	-50.24	1.07	13.10	H
	7583.36	-47.74	-13	-34.74	-66.06	-57.35	1.69	11.30	H
	3791.68	-46.78	-13	-33.78	-59.25	-58.51	0.87	12.60	V
	5687.52	-36.40	-13	-23.40	-53.6	-48.43	1.07	13.10	V
	7583.36	-46.02	-13	-33.02	-64.24	-55.63	1.69	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	-53.10	-13	-40.10	-64.35	-64.83	0.87	12.60	H
	5553.27	-34.59	-13	-21.59	-51.81	-46.62	1.07	13.10	H
	7404.36	-45.77	-13	-32.77	-64.09	-55.38	1.69	11.30	H
	3702.18	-52.53	-13	-39.53	-65	-64.26	0.87	12.60	V
	5553.27	-34.97	-13	-21.97	-52.37	-47.00	1.07	13.10	V
	7404.36	-42.24	-13	-29.24	-60.46	-51.85	1.69	11.30	V
Middle	3742.18	-50.23	-13	-37.23	-61.48	-61.96	0.87	12.60	H
	5613.27	-36.42	-13	-23.42	-53.27	-48.45	1.07	13.10	H
	7484.36	-48.86	-13	-35.86	-67.18	-58.47	1.69	11.30	H
	3742.18	-47.52	-13	-34.52	-59.99	-59.25	0.87	12.60	V
	5613.27	-34.14	-13	-21.14	-51.81	-46.17	1.07	13.10	V
	7484.36	-48.55	-13	-35.55	-66.77	-58.16	1.69	11.30	V
Highest	3782.18	-51.82	-13	-38.82	-63.07	-63.55	0.87	12.60	H
	5673.27	-40.32	-13	-27.32	-56.20	-52.35	1.07	13.10	H
	7564.36	-46.42	-13	-33.42	-64.74	-56.03	1.69	11.30	H
	3782.18	-49.16	-13	-36.16	-61.63	-60.89	0.87	12.60	V
	5673.27	-37.86	-13	-24.86	-54.69	-49.89	1.07	13.10	V
	7564.36	-43.70	-13	-30.70	-61.92	-53.31	1.69	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	-43.65	-13	-30.65	-55.45	-55.40	0.85	12.60	H
	5130.48	-48.52	-13	-35.52	-64.39	-60.27	0.95	12.70	H
	6840.64	-49.41	-13	-36.41	-66.04	-59.93	1.18	11.70	H
	3420.32	-47.57	-13	-34.57	-57.8	-59.36	0.81	12.60	V
	5130.48	-52.62	-13	-39.62	-65.22	-64.37	0.95	12.70	V
	6840.64	-49.93	-13	-36.93	-67.11	-60.50	1.13	11.70	V
Middle	3463.74	-45.55	-13	-32.55	-57.35	-57.30	0.85	12.60	H
	5195.61	-44.08	-13	-31.08	-59.95	-55.83	0.95	12.70	H
	6927.48	-49.87	-13	-36.87	-66.50	-60.39	1.18	11.70	H
	3463.74	-49.30	-13	-36.30	-59.53	-61.09	0.81	12.60	V
	5195.61	-48.23	-13	-35.23	-60.83	-59.98	0.95	12.70	V
	6927.48	-50.42	-13	-37.42	-67.6	-60.99	1.13	11.70	V
Highest	3507.52	-51.89	-13	-38.89	-63.69	-63.64	0.85	12.60	H
	5261.28	-40.99	-13	-27.99	-56.86	-52.74	0.95	12.70	H
	7015.04	-50.26	-13	-37.26	-66.89	-60.78	1.18	11.70	H
	3507.52	-53.15	-13	-40.15	-63.38	-64.94	0.81	12.60	V
	5261.28	-45.00	-13	-32.00	-58.75	-56.75	0.95	12.70	V
	7015.04	-50.35	-13	-37.35	-67.53	-60.92	1.13	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	-44.06	-13	-31.06	-55.86	-55.81	0.85	12.60	H
	5130.72	-47.69	-13	-34.69	-63.56	-59.44	0.95	12.70	H
	6840.96	-48.82	-13	-35.82	-65.45	-59.34	1.18	11.70	H
	3420.48	-47.27	-13	-34.27	-57.5	-59.06	0.81	12.60	V
	5130.72	-52.50	-13	-39.50	-65.1	-64.25	0.95	12.70	V
	6840.96	-49.07	-13	-36.07	-66.25	-59.64	1.13	11.70	V
Middle	3462.3	-45.93	-13	-32.93	-57.73	-57.68	0.85	12.60	H
	5193.45	-44.88	-13	-31.88	-60.75	-56.63	0.95	12.70	H
	6924.6	-49.89	-13	-36.89	-66.52	-60.41	1.18	11.70	H
	3462.3	-46.69	-13	-33.69	-56.92	-58.48	0.81	12.60	V
	5193.45	-49.32	-13	-36.32	-61.92	-61.07	0.95	12.70	V
	6924.6	-50.24	-13	-37.24	-67.42	-60.81	1.13	11.70	V
Highest	3504.48	-50.96	-13	-37.96	-62.76	-62.71	0.85	12.60	H
	5256.72	-42.53	-13	-29.53	-58.40	-54.28	0.95	12.70	H
	7008.96	-50.18	-13	-37.18	-66.81	-60.70	1.18	11.70	H
	3504.48	-52.25	-13	-39.25	-62.48	-64.04	0.81	12.60	V
	5256.72	-46.53	-13	-33.53	-59.38	-58.28	0.95	12.70	V
	7008.96	-50.03	-13	-37.03	-67.21	-60.60	1.13	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	-43.99	-13	-30.99	-55.79	-55.74	0.85	12.60	H
	5131.02	-48.90	-13	-35.90	-64.77	-60.65	0.95	12.70	H
	6841.36	-50.21	-13	-37.21	-66.84	-60.73	1.18	11.70	H
	3420.68	-47.04	-13	-34.04	-57.27	-58.83	0.81	12.60	V
	5131.02	-51.81	-13	-38.81	-64.41	-63.56	0.95	12.70	V
	6841.36	-50.16	-13	-37.16	-67.34	-60.73	1.13	11.70	V
Middle	3460.68	-46.49	-13	-33.49	-58.29	-58.24	0.85	12.60	H
	5191.02	-45.81	-13	-32.81	-61.68	-57.56	0.95	12.70	H
	6921.36	-49.88	-13	-36.88	-66.51	-60.40	1.18	11.70	H
	3460.68	-49.39	-13	-36.39	-59.62	-61.18	0.81	12.60	V
	5191.02	-48.63	-13	-35.63	-61.23	-60.38	0.95	12.70	V
	6921.36	-50.97	-13	-37.97	-68.15	-61.54	1.13	11.70	V
Highest	3500.68	-50.13	-13	-37.13	-61.93	-61.88	0.85	12.60	H
	5251.02	-45.10	-13	-32.10	-60.97	-56.85	0.95	12.70	H
	7001.36	-51.11	-13	-38.11	-67.74	-61.63	1.18	11.70	H
	3500.68	-53.65	-13	-40.65	-63.88	-65.44	0.81	12.60	V
	5251.02	-47.04	-13	-34.04	-59.64	-58.79	0.95	12.70	V
	7001.36	-51.00	-13	-38.00	-68.18	-61.57	1.13	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	-42.40	-13	-29.40	-54.20	-54.15	0.85	12.60	H
	5131.77	-49.02	-13	-36.02	-64.89	-60.77	0.95	12.70	H
	6842.36	-50.43	-13	-37.43	-67.06	-60.95	1.18	11.70	H
	3421.18	-47.36	-13	-34.36	-57.59	-59.15	0.81	12.60	V
	5131.77	-50.76	-13	-37.76	-63.36	-62.51	0.95	12.70	V
	6842.36	-51.14	-13	-38.14	-68.32	-61.71	1.13	11.70	V
Middle	3456.18	-45.17	-13	-32.17	-56.97	-56.92	0.85	12.60	H
	5184.27	-45.91	-13	-32.91	-61.78	-57.66	0.95	12.70	H
	6912.36	-50.58	-13	-37.58	-67.21	-61.10	1.18	11.70	H
	3456.18	-48.40	-13	-35.40	-58.63	-60.19	0.81	12.60	V
	5184.27	-48.99	-13	-35.99	-61.59	-60.74	0.95	12.70	V
	6912.36	-51.49	-13	-38.49	-68.67	-62.06	1.13	11.70	V
Highest	3491.18	-47.84	-13	-34.84	-59.64	-59.59	0.85	12.60	H
	5236.77	-44.68	-13	-31.68	-60.55	-56.43	0.95	12.70	H
	6982.36	-49.82	-13	-36.82	-66.45	-60.34	1.18	11.70	H
	3491.18	-52.12	-13	-39.12	-62.35	-63.91	0.81	12.60	V
	5236.77	-47.78	-13	-34.78	-60.38	-59.53	0.95	12.70	V
	6982.36	-50.97	-13	-37.97	-68.15	-61.54	1.13	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	-45.21	-13	-32.21	-57.01	-56.96	0.85	12.60	H
	5132.52	-48.12	-13	-35.12	-63.99	-59.87	0.95	12.70	H
	6843.36	-49.68	-13	-36.68	-66.31	-60.20	1.18	11.70	H
	3421.68	-47.03	-13	-34.03	-57.26	-58.82	0.81	12.60	V
	5132.52	-49.57	-13	-36.57	-62.17	-61.32	0.95	12.70	V
	6843.36	-49.31	-13	-36.31	-66.49	-59.88	1.13	11.70	V
Middle	3451.68	-43.08	-13	-30.08	-54.88	-54.83	0.85	12.60	H
	5177.52	-40.68	-13	-27.68	-56.55	-52.43	0.95	12.70	H
	6903.36	-49.88	-13	-36.88	-66.51	-60.40	1.18	11.70	H
	3451.68	-47.56	-13	-34.56	-57.79	-59.35	0.81	12.60	V
	5177.52	-41.11	-13	-28.11	-56.45	-52.86	0.95	12.70	V
	6903.36	-50.37	-13	-37.37	-67.55	-60.94	1.13	11.70	V
Highest	3481.68	-46.01	-13	-33.01	-57.81	-57.76	0.85	12.60	H
	5222.52	-45.79	-13	-32.79	-61.66	-57.54	0.95	12.70	H
	6963.36	-50.34	-13	-37.34	-66.97	-60.86	1.18	11.70	H
	3481.68	-50.23	-13	-37.23	-60.46	-62.02	0.81	12.60	V
	5222.52	-48.03	-13	-35.03	-60.63	-59.78	0.95	12.70	V
	6963.36	-50.57	-13	-37.57	-67.75	-61.14	1.13	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	-45.06	-13	-32.06	-56.86	-56.81	0.85	12.60	H
	5133.27	-47.90	-13	-34.90	-63.77	-59.65	0.95	12.70	H
	6844.36	-50.44	-13	-37.44	-67.07	-60.96	1.18	11.70	H
	3422.18	-47.34	-13	-34.34	-57.57	-59.13	0.81	12.60	V
	5133.27	-49.90	-13	-36.90	-62.5	-61.65	0.95	12.70	V
	6844.36	-50.60	-13	-37.60	-67.78	-61.17	1.13	11.70	V
Middle	3447.18	-43.91	-13	-30.91	-55.71	-55.66	0.85	12.60	H
	5170.77	-47.01	-13	-34.01	-62.88	-58.76	0.95	12.70	H
	6894.36	-50.19	-13	-37.19	-66.82	-60.71	1.18	11.70	H
	3447.18	-48.66	-13	-35.66	-58.89	-60.45	0.81	12.60	V
	5170.77	-48.34	-13	-35.34	-60.94	-60.09	0.95	12.70	V
	6894.36	-50.47	-13	-37.47	-67.65	-61.04	1.13	11.70	V
Highest	3472.18	-46.14	-13	-33.14	-57.94	-57.89	0.85	12.60	H
	5208.27	-45.49	-13	-32.49	-61.36	-57.24	0.95	12.70	H
	6944.36	-50.37	-13	-37.37	-67.00	-60.89	1.18	11.70	H
	3472.18	-50.40	-13	-37.40	-60.63	-62.19	0.81	12.60	V
	5208.27	-48.24	-13	-35.24	-60.84	-59.99	0.95	12.70	V
	6944.36	-49.99	-13	-36.99	-67.17	-60.56	1.13	11.70	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	-46.45	-25	-21.45	-61.33	-58.20	0.95	12.70	H
	7501.02	-38.24	-25	-13.24	-59.33	-48.76	1.18	11.70	H
	10001.36	-43.99	-25	-18.99	-69.17	-54.64	1.45	12.10	H
	5000.68	-44.85	-25	-19.85	-59.98	-55.66	1.89	12.70	V
	7501.02	-45.30	-25	-20.30	-66.05	-55.54	1.46	11.70	V
	10001.36	-47.51	-25	-22.51	-70.37	-58.30	1.31	12.10	V
Middle	5065.68	-46.72	-25	-21.72	-61.60	-58.47	0.95	12.70	H
	7598.52	-37.28	-25	-12.28	-58.37	-47.80	1.18	11.70	H
	10131.36	-44.93	-25	-19.93	-70.11	-55.58	1.45	12.10	H
	5065.68	-45.48	-25	-20.48	-60.61	-56.29	1.89	12.70	V
	7598.52	-44.77	-25	-19.77	-65.52	-55.01	1.46	11.70	V
	10131.36	-46.65	-25	-21.65	-69.51	-57.44	1.31	12.10	V
Highest	5130.68	-45.77	-25	-20.77	-60.65	-57.52	0.95	12.70	H
	7696.02	-37.91	-25	-12.91	-59.00	-48.43	1.18	11.70	H
	10261.36	-45.13	-25	-20.13	-70.31	-55.78	1.45	12.10	H
	5130.68	-47.20	-25	-22.20	-62.33	-58.01	1.89	12.70	V
	7696.02	-45.55	-25	-20.55	-66.3	-55.79	1.46	11.70	V
	10261.36	-47.35	-25	-22.35	-70.21	-58.14	1.31	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	-47.30	-25	-22.30	-62.18	-59.05	0.95	12.70	H
	7501.77	-38.26	-25	-13.26	-59.35	-48.78	1.18	11.70	H
	10002.36	-42.43	-25	-17.43	-67.61	-53.08	1.45	12.10	H
	5001.18	-45.37	-25	-20.37	-60.5	-56.18	1.89	12.70	V
	7501.77	-45.38	-25	-20.38	-66.13	-55.62	1.46	11.70	V
	10002.36	-46.58	-25	-21.58	-69.44	-57.37	1.31	12.10	V
Middle	5061.18	-47.40	-25	-22.40	-62.28	-59.15	0.95	12.70	H
	7591.77	-38.52	-25	-13.52	-59.61	-49.04	1.18	11.70	H
	10122.36	-44.59	-25	-19.59	-69.77	-55.24	1.45	12.10	H
	5061.18	-46.72	-25	-21.72	-61.85	-57.53	1.89	12.70	V
	7591.77	-44.92	-25	-19.92	-65.67	-55.16	1.46	11.70	V
	10122.36	-46.10	-25	-21.10	-68.96	-56.89	1.31	12.10	V
Highest	5121.18	-47.12	-25	-22.12	-62.00	-58.87	0.95	12.70	H
	7681.77	-38.22	-25	-13.22	-59.31	-48.74	1.18	11.70	H
	10242.36	-44.73	-25	-19.73	-69.91	-55.38	1.45	12.10	H
	5121.18	-48.11	-25	-23.11	-63.24	-58.92	1.89	12.70	V
	7681.77	-45.56	-25	-20.56	-66.31	-55.80	1.46	11.70	V
	10242.36	-46.06	-25	-21.06	-68.92	-56.85	1.31	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	-46.95	-25	-21.95	-61.83	-58.70	0.95	12.70	H
	7502.52	-38.78	-25	-13.78	-59.87	-49.30	1.18	11.70	H
	10003.36	-44.36	-25	-19.36	-69.54	-55.01	1.45	12.10	H
	5001.68	-44.25	-25	-19.25	-59.38	-55.06	1.89	12.70	V
	7502.52	-44.35	-25	-19.35	-65.1	-54.59	1.46	11.70	V
	10003.36	-46.30	-25	-21.30	-69.16	-57.09	1.31	12.10	V
Middle	5056.68	-47.26	-25	-22.26	-62.14	-59.01	0.95	12.70	H
	7585.02	-38.76	-25	-13.76	-59.85	-49.28	1.18	11.70	H
	10113.00	-44.01	-25	-19.01	-69.19	-54.66	1.45	12.10	H
	5056.68	-46.62	-25	-21.62	-61.75	-57.43	1.89	12.70	V
	7585.02	-45.14	-25	-20.14	-65.89	-55.38	1.46	11.70	V
	10113	-46.42	-25	-21.42	-69.28	-57.21	1.31	12.10	V
Highest	5111.68	-47.87	-25	-22.87	-62.75	-59.62	0.95	12.70	H
	7667.52	-38.32	-25	-13.32	-59.41	-48.84	1.18	11.70	H
	10223.36	-44.28	-25	-19.28	-69.46	-54.93	1.45	12.10	H
	5111.68	-47.49	-25	-22.49	-62.62	-58.30	1.89	12.70	V
	7667.52	-45.44	-25	-20.44	-66.19	-55.68	1.46	11.70	V
	10223.36	-47.05	-25	-22.05	-69.91	-57.84	1.31	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)
Lowest	5002.18	-46.83	-25	-21.83	-61.71	-58.58	0.95	12.70	H
	7503.27	-38.55	-25	-13.55	-59.64	-49.07	1.18	11.70	H
	10004.36	-43.79	-25	-18.79	-68.97	-54.44	1.45	12.10	H
	5002.18	-43.93	-25	-18.93	-59.06	-54.74	1.89	12.70	V
	7503.27	-45.37	-25	-20.37	-66.12	-55.61	1.46	11.70	V
	10004.36	-47.06	-25	-22.06	-69.92	-57.85	1.31	12.10	V
Middle	5052.18	-48.31	-25	-23.31	-63.19	-60.06	0.95	12.70	H
	7578.27	-39.25	-25	-14.25	-60.34	-49.77	1.18	11.70	H
	10104.36	-44.90	-25	-19.90	-70.08	-55.55	1.45	12.10	H
	5052.18	-46.48	-25	-21.48	-61.61	-57.29	1.89	12.70	V
	7578.27	-45.96	-25	-20.96	-66.71	-56.20	1.46	11.70	V
	10104.36	-47.08	-25	-22.08	-69.94	-57.87	1.31	12.10	V
Highest	5102.18	-47.06	-25	-22.06	-61.94	-58.81	0.95	12.70	H
	7653.27	-38.41	-25	-13.41	-59.50	-48.93	1.18	11.70	H
	10204.36	-44.70	-25	-19.70	-69.88	-55.35	1.45	12.10	H
	5102.18	-46.34	-25	-21.34	-61.47	-57.15	1.89	12.70	V
	7653.27	-45.08	-25	-20.08	-65.83	-55.32	1.46	11.70	V
	10204.36	-46.89	-25	-21.89	-69.75	-57.68	1.31	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	-58.62	-13	-45.62	-61.70	-63.91	0.56	8.00	H
	2097.21	-45.21	-13	-32.21	-51.85	-52.81	0.65	10.40	H
	2796.28	-45.69	-13	-32.69	-53.82	-54.22	0.82	11.50	H
	1398.14	-60.06	-13	-47.06	-62.36	-65.35	0.56	8.00	V
	2097.21	-49.71	-13	-36.71	-54.78	-57.31	0.65	10.40	V
	2796.28	-47.17	-13	-34.17	-55.71	-55.70	0.82	11.50	V
Middle	1413.74	-56.36	-13	-43.36	-59.44	-61.65	0.56	8.00	H
	2120.61	-42.77	-13	-29.77	-49.94	-50.37	0.65	10.40	H
	2827.48	-44.39	-13	-31.39	-52.92	-52.92	0.82	11.50	H
	1413.74	-60.15	-13	-47.15	-62.45	-65.44	0.56	8.00	V
	2120.61	-47.05	-13	-34.05	-53.02	-54.65	0.65	10.40	V
	2827.48	-49.97	-13	-36.97	-57.31	-58.50	0.82	11.50	V
Highest	1429.34	-57.93	-13	-44.93	-61.01	-63.22	0.56	8.00	H
	2144.01	-50.19	-13	-37.19	-55.57	-57.79	0.65	10.40	H
	2858.68	-51.81	-13	-38.81	-58.89	-60.34	0.82	11.50	H
	1429.34	-60.19	-13	-47.19	-62.49	-65.48	0.56	8.00	V
	2144.01	-53.57	-13	-40.57	-57.46	-61.17	0.65	10.40	V
	2858.68	-52.16	-13	-39.16	-59.49	-60.69	0.82	11.50	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	-59.16	-13	-46.16	-62.24	-64.45	0.56	8.00	H
	2097.45	-45.03	-13	-32.03	-51.73	-52.63	0.65	10.40	H
	2796.6	-45.19	-13	-32.19	-53.53	-53.72	0.82	11.50	H
	1398.3	-60.26	-13	-47.26	-62.56	-65.55	0.56	8.00	V
	2097.45	-48.01	-13	-35.01	-53.69	-55.61	0.65	10.40	V
	2796.6	-48.34	-13	-35.34	-56.31	-56.87	0.82	11.50	V
Middle	1412.3	-56.42	-13	-43.42	-59.50	-61.71	0.56	8.00	H
	2118.45	-43.64	-13	-30.64	-50.53	-51.24	0.65	10.40	H
	2824.6	-47.35	-13	-34.35	-54.90	-55.88	0.82	11.50	H
	1412.3	-59.42	-13	-46.42	-61.72	-64.71	0.56	8.00	V
	2118.45	-48.82	-13	-35.82	-54.34	-56.42	0.65	10.40	V
	2824.6	-48.08	-13	-35.08	-56.19	-56.61	0.82	11.50	V
Highest	1426.3	-58.84	-13	-45.84	-61.92	-64.13	0.56	8.00	H
	2139.45	-44.88	-13	-31.88	-51.60	-52.48	0.65	10.40	H
	2852.6	-54.12	-13	-41.12	-61.20	-62.65	0.82	11.50	H
	1426.3	-60.37	-13	-47.37	-62.67	-65.66	0.56	8.00	V
	2139.45	-52.09	-13	-39.09	-56.30	-59.69	0.65	10.40	V
	2852.6	-53.66	-13	-40.66	-60.99	-62.19	0.82	11.50	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	-59.00	-13	-46.00	-62.08	-64.29	0.56	8.00	H
	2097.75	-44.82	-13	-31.82	-51.54	-52.42	0.65	10.40	H
	2797	-46.38	-13	-33.38	-54.31	-54.91	0.82	11.50	H
	1398.5	-60.06	-13	-47.06	-62.36	-65.35	0.56	8.00	V
	2097.75	-53.00	-13	-40.00	-56.89	-60.60	0.65	10.40	V
	2797	-45.41	-13	-32.41	-54.39	-53.94	0.82	11.50	V
Middle	1410.5	-57.85	-13	-44.85	-60.93	-63.14	0.56	8.00	H
	2115.75	-41.91	-13	-28.91	-49.07	-49.51	0.65	10.40	H
	2821	-45.20	-13	-32.20	-53.54	-53.73	0.82	11.50	H
	1410.5	-59.09	-13	-46.09	-61.39	-64.38	0.56	8.00	V
	2115.75	-47.61	-13	-34.61	-53.41	-55.21	0.65	10.40	V
	2821	-45.21	-13	-32.21	-54.19	-53.74	0.82	11.50	V
Highest	1422.5	-60.14	-13	-47.14	-63.22	-65.43	0.56	8.00	H
	2133.75	-42.67	-13	-29.67	-49.83	-50.27	0.65	10.40	H
	2845	-52.20	-13	-39.20	-59.28	-60.73	0.82	11.50	H
	1422.5	-61.21	-13	-48.21	-63.51	-66.50	0.56	8.00	V
	2133.75	-46.12	-13	-33.12	-52.12	-53.72	0.65	10.40	V
	2845	-52.59	-13	-39.59	-59.92	-61.12	0.82	11.50	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	-59.37	-13	-46.37	-62.45	-64.66	0.56	8.00	H
	2098.5	-46.05	-13	-33.05	-52.42	-53.65	0.65	10.40	H
	2798	-46.85	-13	-33.85	-54.68	-55.38	0.82	11.50	H
	1399	-60.24	-13	-47.24	-62.54	-65.53	0.56	8.00	V
	2098.5	-50.38	-13	-37.38	-55.19	-57.98	0.65	10.40	V
	2798	-46.54	-13	-33.54	-55.33	-55.07	0.82	11.50	V
Middle	1406	-58.80	-13	-45.80	-61.88	-64.09	0.56	8.00	H
	2109	-42.68	-13	-29.68	-49.84	-50.28	0.65	10.40	H
	2812	-46.37	-13	-33.37	-54.30	-54.90	0.82	11.50	H
	1406	-61.24	-13	-48.24	-63.54	-66.53	0.56	8.00	V
	2109	-49.19	-13	-36.19	-54.56	-56.79	0.65	10.40	V
	2812	-43.83	-13	-30.83	-52.87	-52.36	0.82	11.50	V
Highest	1413	-57.40	-13	-44.40	-60.48	-62.69	0.56	8.00	H
	2119.5	-42.67	-13	-29.67	-49.83	-50.27	0.65	10.40	H
	2826	-49.36	-13	-36.36	-56.44	-57.89	0.82	11.50	H
	1413	-60.02	-13	-47.02	-62.32	-65.31	0.56	8.00	V
	2119.5	-49.90	-13	-36.90	-54.86	-57.50	0.65	10.40	V
	2826	-50.34	-13	-37.34	-57.67	-58.87	0.82	11.50	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	-57.86	-13	-44.86	-60.94	-63.15	0.56	8.00	H
	2113.02	-29.41	-13	-16.41	-37.65	-37.01	0.65	10.40	H
	2817.36	-48.14	-13	-35.14	-55.22	-56.67	0.82	11.50	H
	1408.68	-58.48	-13	-45.48	-60.78	-63.77	0.56	8.00	V
	2113.02	-36.27	-13	-23.27	-44.68	-43.87	0.65	10.40	V
	2817.36	-45.42	-13	-32.42	-54.40	-53.95	0.82	11.50	V
Middle	1415.68	-57.50	-13	-44.50	-60.58	-62.79	0.56	8.00	H
	2123.58	-32.12	-13	-19.12	-40.21	-39.72	0.65	10.40	H
	2831.36	-47.71	-13	-34.71	-55.00	-56.24	0.82	11.50	H
	1415.68	-59.03	-13	-46.03	-61.33	-64.32	0.56	8.00	V
	2123.58	-37.75	-13	-24.75	-46.13	-45.35	0.65	10.40	V
	2831.36	-47.90	-13	-34.90	-56.10	-56.43	0.82	11.50	V
Highest	1422.68	-58.84	-13	-45.84	-61.92	-64.13	0.56	8.00	H
	2134.02	-33.40	-13	-20.40	-41.43	-41.00	0.65	10.40	H
	2845.36	-50.88	-13	-37.88	-57.96	-59.41	0.82	11.50	H
	1422.68	-59.75	-13	-46.75	-62.05	-65.04	0.56	8.00	V
	2134.02	-36.96	-13	-23.96	-45.56	-44.56	0.65	10.40	V
	2845.36	-45.72	-13	-32.72	-54.70	-54.25	0.82	11.50	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	-55.02	-13	-42.02	-58.10	-60.31	0.56	8.00	H
	2113.77	-31.63	-13	-18.63	-39.78	-39.23	0.65	10.40	H
	2818.36	-46.78	-13	-33.78	-54.63	-55.31	0.82	11.50	H
	1409.18	-59.02	-13	-46.02	-61.32	-64.31	0.56	8.00	V
	2113.77	-36.42	-13	-23.42	-44.87	-44.02	0.65	10.40	V
	2818.36	-45.21	-13	-32.21	-54.19	-53.74	0.82	11.50	V
Middle	1411.18	-58.17	-13	-45.17	-61.25	-63.46	0.56	8.00	H
	2116.77	-31.75	-13	-18.75	-39.88	-39.35	0.65	10.40	H
	2822.36	-46.70	-13	-33.70	-54.56	-55.23	0.82	11.50	H
	1411.18	-58.22	-13	-45.22	-60.52	-63.51	0.56	8.00	V
	2116.77	-35.50	-13	-22.50	-44.05	-43.10	0.65	10.40	V
	2822.36	-45.28	-13	-32.28	-54.26	-53.81	0.82	11.50	V
Highest	1413.18	-58.14	-13	-45.14	-61.22	-63.43	0.56	8.00	H
	2119.77	-33.01	-13	-20.01	-41.07	-40.61	0.65	10.40	H
	2826.36	-49.42	-13	-36.42	-56.50	-57.95	0.82	11.50	H
	3532.5	-52.17	-13	-39.17	-61.58	-60.70	0.82	11.50	H
	1413.18	-56.87	-13	-43.87	-59.17	-62.16	0.56	8.00	V
	2119.77	-37.98	-13	-24.98	-46.29	-45.58	0.65	10.40	V
	2826.36	-44.50	-13	-31.50	-53.49	-53.03	0.82	11.50	V
	3532.5	-53.30	-13	-40.30	-63.18	-61.83	0.82	11.50	V

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