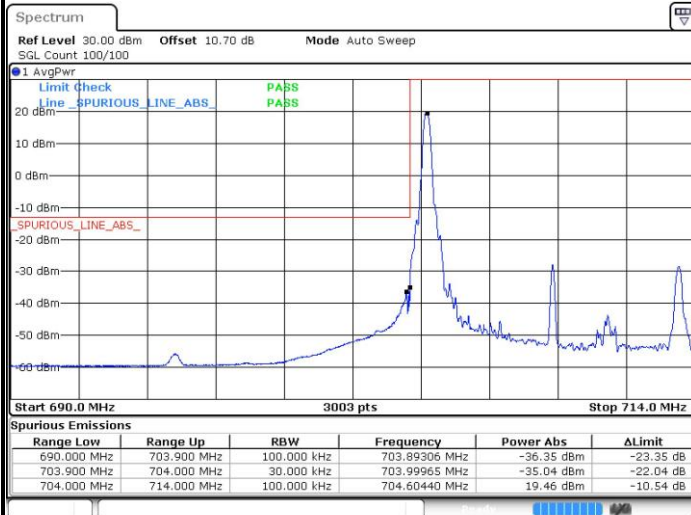


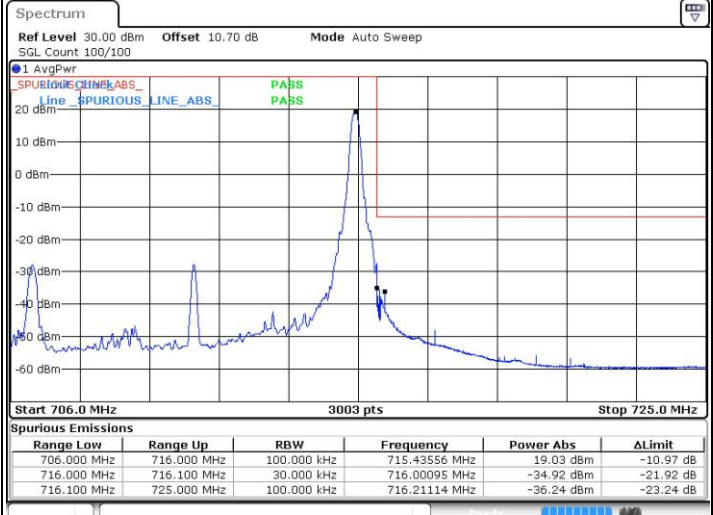


LTE Band 17 / 10MHz / 16QAM

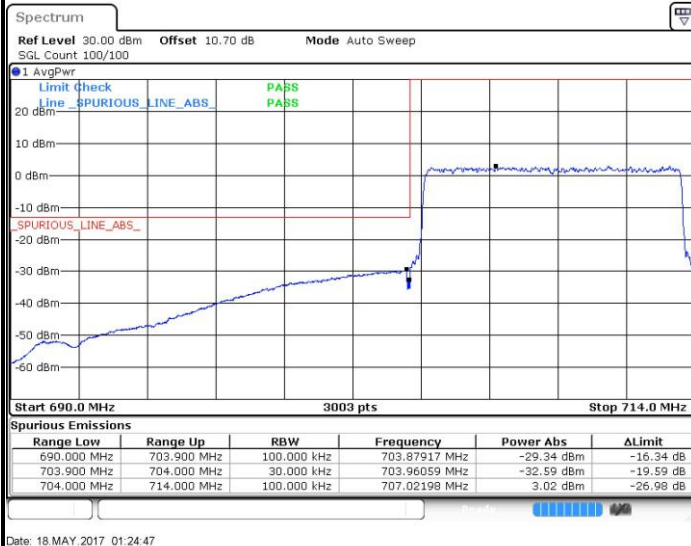
Lowest Band Edge / 1 RB



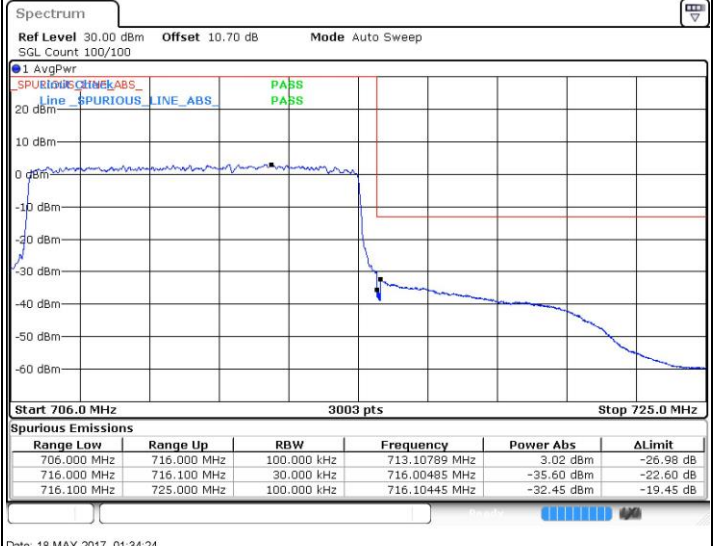
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

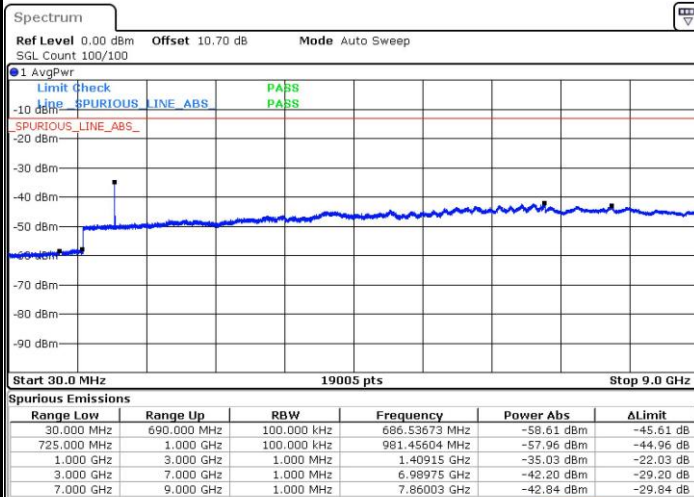




Conducted Spurious Emission

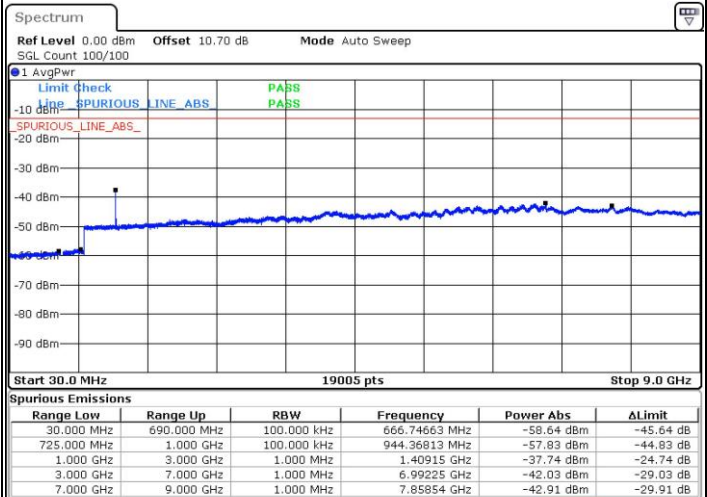
LTE Band 17 / 5MHz

Lowest Channel / QPSK



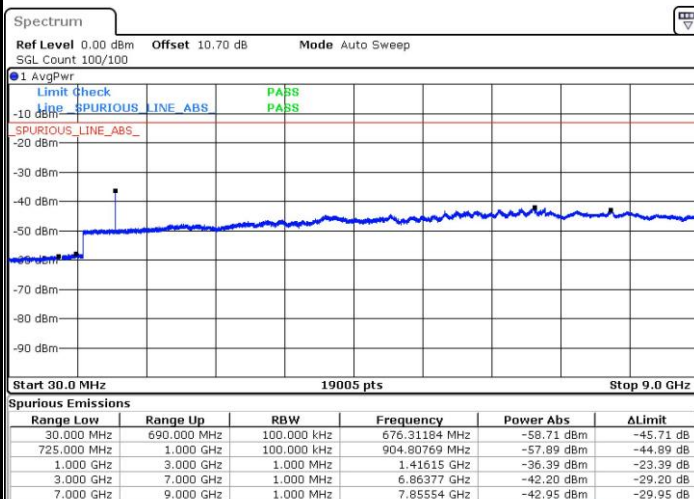
Date: 18 MAY 2017 01:08:59

Lowest Channel / 16QAM



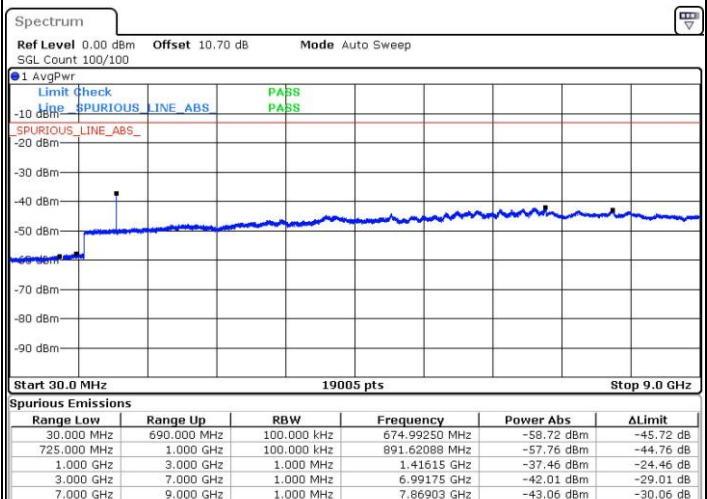
Date: 18 MAY 2017 01:09:53

Middle Channel / QPSK



Date: 18 MAY 2017 01:11:29

Middle Channel / 16QAM

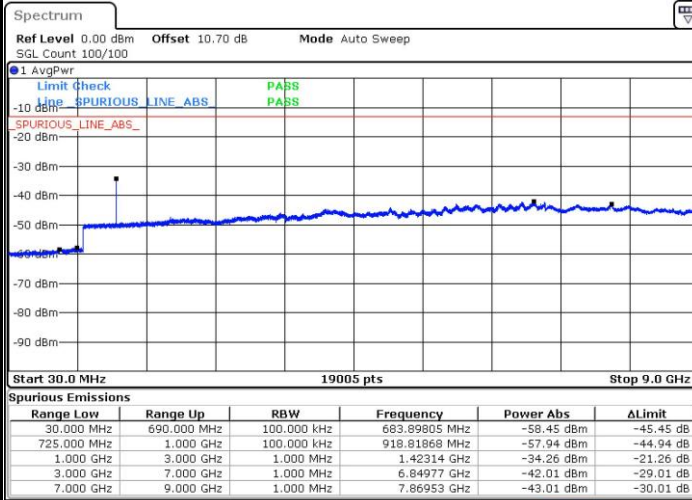


Date: 18 MAY 2017 01:12:23



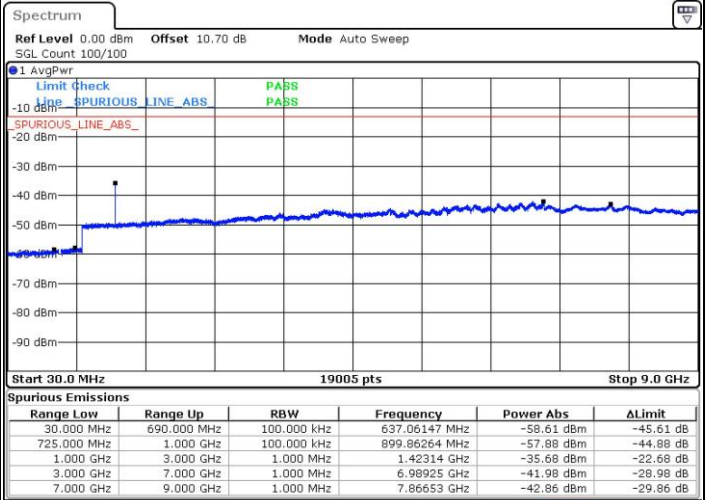
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 18 MAY 2017 01:18:35

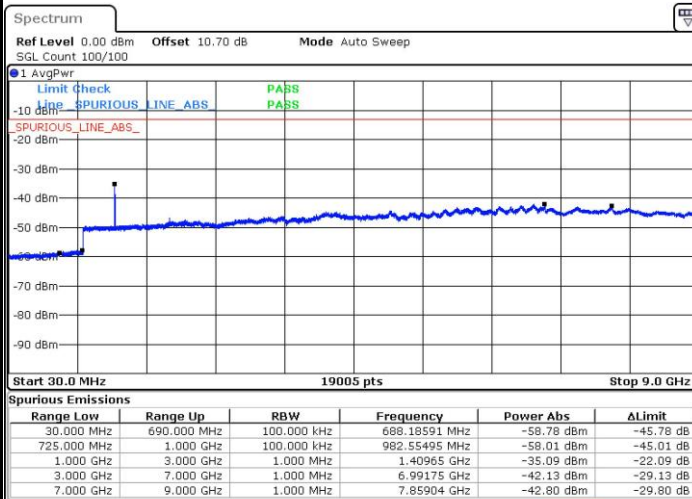
Highest Channel / 16QAM



Date: 18 MAY 2017 01:19:30

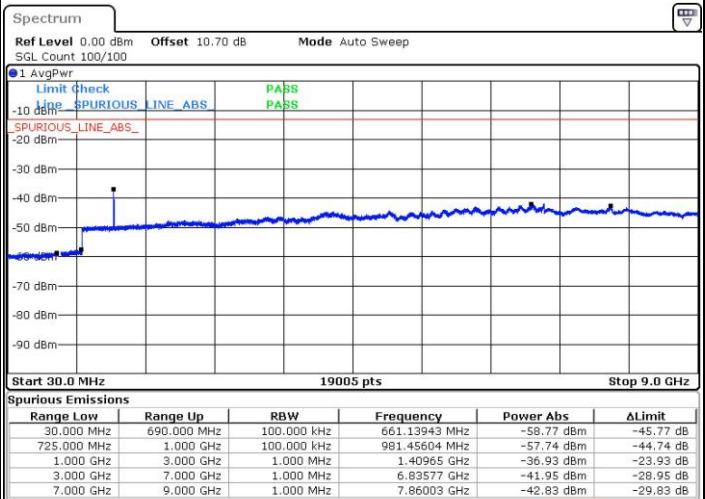
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 18 MAY 2017 01:25:42

Lowest Channel / 16QAM

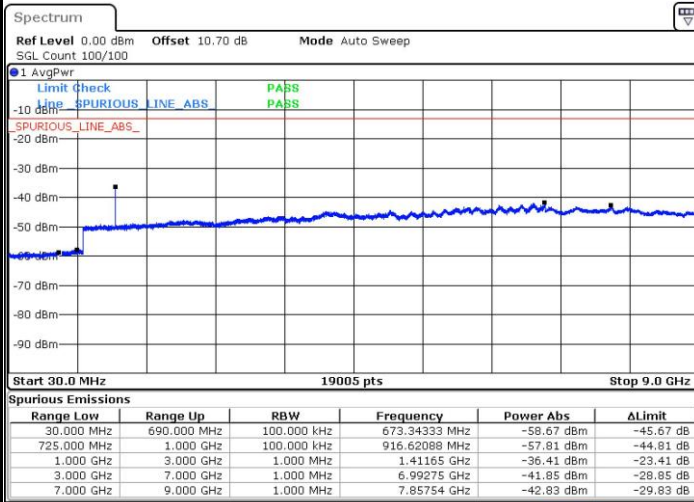


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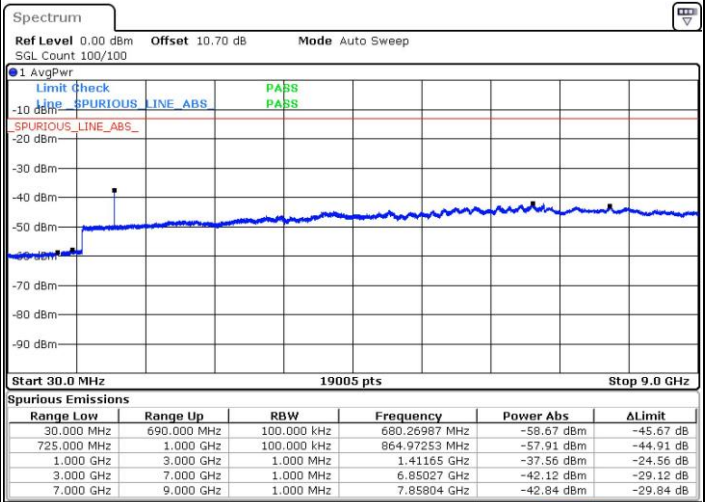
LTE Band 17 / 10MHz

Middle Channel / QPSK



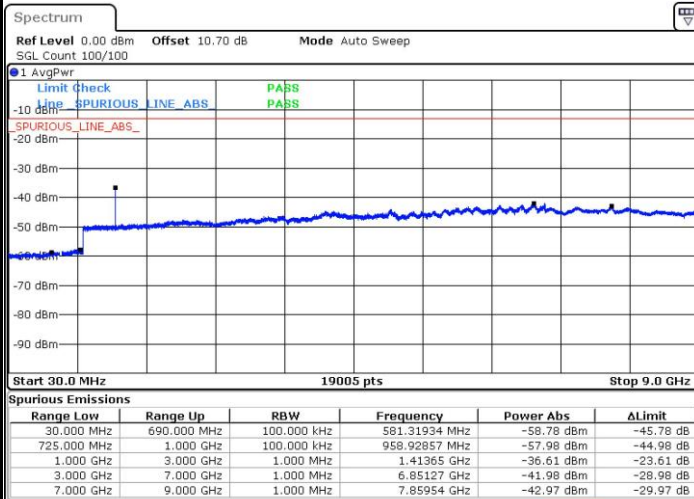
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Middle Channel / 16QAM



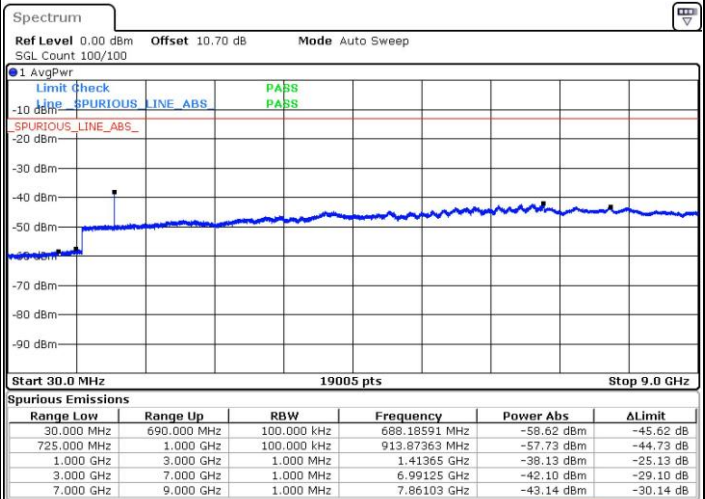
Date: 18 MAY 2017 01:29:06

Highest Channel / QPSK



Date: 18 MAY 2017 01:35:18

Highest Channel / 16QAM



Date: 18 MAY 2017 01:36:13

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0046	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	20.33	0.1079	21.71	0.1483
Middle		3	1	20.17	0.1040	20.59	0.1146
Highest		3	1	19.73	0.0940	20.44	0.1107
Lowest	16QAM	3	3	19.38	0.0867	20.51	0.1125
Middle		3	3	19.11	0.0815	19.47	0.0885
Highest		3	3	18.82	0.0762	19.60	0.0912
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	20.48	0.1117	21.38	0.1374
Middle		1	14	19.95	0.0989	20.12	0.1028
Highest		1	14	19.43	0.0877	20.12	0.1028
Lowest	16QAM	1	14	19.18	0.0828	19.96	0.0991
Middle		1	14	19.33	0.0857	18.86	0.0769
Highest		1	14	18.24	0.0667	19.18	0.0828
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	20.44	0.1107	21.29	0.1346
Middle		1	12	19.78	0.0951	20.26	0.1062
Highest		1	12	19.23	0.0838	20.47	0.1114
Lowest	16QAM	1	0	18.88	0.0773	19.71	0.0935
Middle		1	0	18.67	0.0736	19.13	0.0818
Highest		1	0	19.23	0.0838	20.47	0.1114
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.32	0.1076	21.30	0.1349
Middle		1	0	19.88	0.0973	20.58	0.1143
Highest		1	0	19.24	0.0839	20.16	0.1038
Lowest	16QAM	1	0	19.62	0.0916	20.68	0.1169
Middle		1	0	18.73	0.0746	19.30	0.0851
Highest		1	0	17.91	0.0618	18.92	0.0780
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	20.54	0.1132	21.30	0.1349
Middle		1	37	19.89	0.0975	20.25	0.1059
Highest		1	37	19.09	0.0811	20.46	0.1112
Lowest	16QAM	1	37	19.44	0.0879	20.04	0.1009
Middle		1	37	19.57	0.0906	19.94	0.0986
Highest		1	37	18.41	0.0693	19.45	0.0881
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	20.35	0.1084	21.27	0.1340
Middle		1	49	20.01	0.1002	20.39	0.1094
Highest		1	49	19.35	0.0861	20.22	0.1052
Lowest	16QAM	1	0	20.00	0.1000	21.19	0.1315
Middle		1	0	18.60	0.0724	19.39	0.0869
Highest		1	0	18.34	0.0682	19.24	0.0839
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	23.12	0.2051	22.60	0.1820
Middle		3	1	21.70	0.1479	23.21	0.2094
Highest		3	1	21.80	0.1514	23.27	0.2123
Lowest	16QAM	1	3	21.41	0.1384	21.27	0.1340
Middle		1	3	19.97	0.0993	21.93	0.1560
Highest		1	3	21.27	0.1340	22.60	0.1820
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	22.50	0.1778	22.25	0.1679
Middle		1	14	21.55	0.1429	22.83	0.1919
Highest		1	14	22.02	0.1592	23.06	0.2023
Lowest	16QAM	1	0	22.36	0.1722	21.38	0.1374
Middle		1	0	20.91	0.1233	21.80	0.1514
Highest		1	0	21.04	0.1271	21.85	0.1531
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.61	0.1824	22.39	0.1734
Middle		1	12	21.91	0.1552	23.22	0.2099
Highest		1	12	22.17	0.1648	23.13	0.2056
Lowest	16QAM	1	12	21.56	0.1432	21.62	0.1452
Middle		1	12	21.08	0.1282	22.21	0.1663
Highest		1	12	21.79	0.1510	22.10	0.1622
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.74	0.1879	22.71	0.1866
Middle		1	25	21.56	0.1432	22.84	0.1923
Highest		1	25	21.66	0.1466	22.77	0.1892
Lowest	16QAM	1	49	22.24	0.1675	21.81	0.1517
Middle		1	49	20.04	0.1009	21.26	0.1337
Highest		1	49	20.71	0.1178	21.81	0.1517
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.53	0.1791	22.64	0.1837
Middle		1	37	22.11	0.1626	23.41	0.2193
Highest		1	37	21.55	0.1429	22.68	0.1854
Lowest	16QAM	1	37	21.38	0.1374	21.43	0.1390
Middle		1	37	20.84	0.1213	22.15	0.1641
Highest		1	37	20.70	0.1175	21.63	0.1455
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.61	0.1824	22.68	0.1854
Middle		1	49	21.84	0.1528	23.14	0.2061
Highest		1	49	21.67	0.1469	23.09	0.2037
Lowest	16QAM	1	0	21.96	0.1570	21.74	0.1493
Middle		1	0	20.40	0.1096	21.46	0.1400
Highest		1	0	20.03	0.1007	21.22	0.1324
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	6.81	0.0048	19.84	0.0964
Middle		3	0	7.23	0.0053	19.62	0.0916
Highest		3	0	7.18	0.0052	18.85	0.0767
Lowest	16QAM	3	1	5.94	0.0039	18.81	0.0760
Middle		3	1	6.49	0.0045	18.79	0.0757
Highest		3	1	6.14	0.0041	17.94	0.0622
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	6.48	0.0044	19.42	0.0875
Middle		1	0	7.37	0.0055	19.73	0.0940
Highest		1	0	7.03	0.0050	19.04	0.0802
Lowest	16QAM	1	0	5.48	0.0035	18.27	0.0671
Middle		1	0	6.29	0.0043	18.83	0.0764
Highest		1	0	6.03	0.0040	19.06	0.0805
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	6.71	0.0047	19.50	0.0891
Middle		1	24	7.04	0.0051	19.28	0.0847
Highest		1	24	7.04	0.0051	18.67	0.0736
Lowest	16QAM	1	24	5.69	0.0037	18.35	0.0684
Middle		1	24	7.04	0.0051	19.28	0.0847
Highest		1	24	5.57	0.0036	17.21	0.0526
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	7.13	0.0052	19.76	0.0946
Middle		1	25	7.30	0.0054	19.62	0.0916
Highest		1	25	7.15	0.0052	19.21	0.0834
Lowest	16QAM	1	25	6.09	0.0041	18.57	0.0719
Middle		1	25	6.24	0.0042	18.73	0.0746
Highest		1	25	5.65	0.0037	18.28	0.0673
Limit	ERP < 7W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	-2.74	0.0005	11.10	0.0129
Middle		3	0	-2.55	0.0006	10.82	0.0121
Highest		3	0	-2.27	0.0006	10.47	0.0111
Lowest	16QAM	3	0	-3.40	0.0005	10.26	0.0106
Middle		3	0	-3.45	0.0005	9.85	0.0097
Highest		3	0	-3.27	0.0005	9.48	0.0089
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	-2.52	0.0006	11.16	0.0131
Middle		1	0	-2.80	0.0005	10.49	0.0112
Highest		1	0	-2.47	0.0006	10.24	0.0106
Lowest	16QAM	1	0	-2.72	0.0005	10.95	0.0124
Middle		1	0	-4.09	0.0004	9.21	0.0083
Highest		1	0	-3.64	0.0004	9.50	0.0089
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	-2.44	0.0006	10.68	0.0117
Middle		1	12	-2.76	0.0005	10.64	0.0116
Highest		1	12	-2.71	0.0005	10.39	0.0109
Lowest	16QAM	1	12	-3.47	0.0004	9.48	0.0089
Middle		1	12	-3.16	0.0005	10.23	0.0105
Highest		1	12	-3.95	0.0004	9.15	0.0082
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	-2.78	0.0005	10.58	0.0114
Middle		1	25	-2.70	0.0005	10.63	0.0116
Highest		1	25	-2.55	0.0006	10.64	0.0116
Lowest	16QAM	1	25	-3.74	0.0004	9.63	0.0092
Middle		1	25	-3.68	0.0004	9.65	0.0092
Highest		1	25	-3.58	0.0004	9.71	0.0094
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	-2.42	0.0006	10.93	0.0124
Middle		1	12	-2.47	0.0006	10.78	0.0120
Highest		1	12	-2.24	0.0006	10.82	0.0121
Lowest	16QAM	1	0	-4.29	0.0004	9.01	0.0080
Middle		1	0	-3.57	0.0004	9.67	0.0093
Highest		1	0	-3.48	0.0004	9.63	0.0092
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Mode	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	-2.51	0.0006	10.91	0.0123
Middle		1	25	-2.41	0.0006	10.76	0.0119
Highest		1	25	-2.38	0.0006	10.70	0.0117
Lowest	16QAM	1	25	-3.58	0.0004	9.82	0.0096
Middle		1	25	-3.48	0.0004	9.75	0.0094
Highest		1	25	-3.28	0.0005	10.16	0.0104
Limit	ERP < 3W			Result		PASS	

**Radiated Spurious Emission****LTE Band 2**

LTE Band 2 / 1.4MHz / QPSK									
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	-51.16	-13	-38.16	-67.46	-62.95	0.73	12.52	H
	5550	-46.47	-13	-33.47	-65.71	-58.64	1.00	13.17	H
	7400	-46.16	-13	-33.16	-67.92	-55.56	1.18	10.58	H
									H
									H
									H
	3700	-52.77	-13	-39.77	-68.99	-64.56	0.73	12.52	V
	5550	-45.38	-13	-32.38	-65.03	-57.55	1.00	13.17	V
	7400	-47.26	-13	-34.26	-67.14	-56.66	1.18	10.58	V
									V
									V
									V
Middle	3758	-52.28	-13	-39.28	-68.36	-64.09	0.69	12.50	H
	5638	-44.70	-13	-31.70	-63.91	-56.83	0.98	13.12	H
	7515	-46.46	-13	-33.46	-69.35	-55.72	1.18	10.44	H
									H
									H
									H
	3758	-52.28	-13	-39.28	-68.6	-64.09	0.69	12.50	V
	5638	-45.72	-13	-32.72	-65.25	-57.85	0.98	13.12	V
	7515	-45.74	-13	-32.74	-68.68	-55	1.18	10.44	V
									V
									V
									V
Highest	3817	-47.48	-13	-34.48	-63.71	-59.27	0.69	12.47	H
	5726	-42.53	-13	-29.53	-61.91	-54.6	0.99	13.06	H
	7634	-44.81	-13	-31.81	-67.62	-54.4	1.18	10.78	H
									H
									H
									H
	3817	-51.18	-13	-38.18	-67.65	-62.97	0.69	12.47	V
	5726	-45.98	-13	-32.98	-65.52	-58.05	0.99	13.06	V
	7634	-45.51	-13	-32.51	-68.29	-55.1	1.18	10.78	V
									V
									V
									V

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



LTE Band 2 / 3MHz / QPSK									
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	-52.54	-13	-39.54	-68.6	-64.33	0.73	12.52	H
	5550	-46.20	-13	-33.20	-65.44	-58.37	1.00	13.17	H
	7400	-46.56	-13	-33.56	-68.32	-55.96	1.18	10.58	H
									H
									H
									H
									H
	3700	-51.96	-13	-38.96	-68.18	-63.75	0.73	12.52	V
	5550	-46.02	-13	-33.02	-65.67	-58.19	1.00	13.17	V
	7400	-44.16	-13	-31.16	-66.04	-53.56	1.18	10.58	V
									V
									V
									V
									V
Middle	3757	-51.69	-13	-38.69	-67.77	-63.49	0.69	12.50	H
	5635	-43.00	-13	-30.00	-62.22	-55.14	0.98	13.12	H
	7514	-44.89	-13	-31.89	-67.78	-54.15	1.18	10.44	H
									H
									H
									H
									H
	3757	-52.97	-13	-39.97	-69.29	-64.77	0.69	12.50	V
	5635	-43.22	-13	-30.22	-62.76	-55.36	0.98	13.12	V
	7514	-44.77	-13	-31.77	-67.73	-54.03	1.18	10.44	V
									V
									V
									V
									V
									V
Highest	3814	-51.52	-13	-38.52	-67.62	-63.31	0.68	12.47	H
	5721	-45.47	-13	-32.47	-64.87	-57.55	0.99	13.07	H
	7628	-46.22	-13	-33.22	-69.02	-55.8	1.18	10.76	H
									H
									H
									H
									H
	3814	-51.64	-13	-38.64	-68.11	-63.43	0.68	12.47	V
	5721	-46.27	-13	-33.27	-65.83	-58.35	0.99	13.07	V
	7628	-46.16	-13	-33.16	-68.94	-55.74	1.18	10.76	V
									V
									V
									V
									V
									V

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



LTE Band 2 / 5MHz / QPSK									
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	-51.67	-13	-38.67	-67.73	-63.46	0.73	12.52	H
	5550	-45.38	-13	-32.38	-64.71	-57.55	1.00	13.17	H
	7401	-46.43	-13	-33.43	-68	-55.83	1.18	10.58	H
									H
									H
									H
									H
	3700	-52.39	-13	-39.39	-68.61	-64.18	0.73	12.52	V
	5550	-45.66	-13	-32.66	-65.4	-57.83	1.00	13.17	V
	7401	-45.88	-13	-32.88	-67.57	-55.28	1.18	10.58	V
									V
									V
									V
									V
Middle	3755	-51.22	-13	-38.22	-67.31	-63.02	0.69	12.50	H
	5633	-42.65	-13	-29.65	-61.87	-54.79	0.98	13.12	H
	7511	-45.91	-13	-32.91	-68.88	-55.16	1.18	10.43	H
									H
									H
									H
									H
	3755	-52.86	-13	-39.86	-69.79	-64.66	0.69	12.50	V
	5633	-44.33	-13	-31.33	-63.87	-56.47	0.98	13.12	V
	7511	-44.86	-13	-31.86	-67.9	-54.11	1.18	10.43	V
									V
									V
									V
									V
									V
Highest	3810	-52.70	-13	-39.70	-68.81	-64.5	0.68	12.48	H
	5715	-45.37	-13	-32.37	-64.72	-57.45	0.99	13.07	H
	7621	-45.23	-13	-32.23	-67.95	-54.79	1.18	10.74	H
									H
									H
									H
									H
	3810	-51.40	-13	-38.40	-67.83	-63.2	0.68	12.48	V
	5715	-46.91	-13	-33.91	-66.45	-58.99	0.99	13.07	V
	7621	-43.74	-13	-30.74	-66.51	-53.3	1.18	10.74	V
									V
									V
									V
									V
									V

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



LTE Band 2 / 10MHz / QPSK									
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	-51.95	-13	-38.95	-68	-63.74	0.73	12.52	H
	5551	-45.66	-13	-32.66	-64.9	-57.83	1.00	13.17	H
	7402	-46.14	-13	-33.14	-67.92	-55.53	1.18	10.58	H
									H
									H
									H
									H
	3701	-52.55	-13	-39.55	-68.76	-64.34	0.73	12.52	V
	5551	-45.04	-13	-32.04	-64.69	-57.21	1.00	13.17	V
	7402	-45.46	-13	-32.46	-67.36	-54.85	1.18	10.58	V
									V
									V
									V
									V
Middle	3751	-52.37	-13	-39.37	-68.45	-64.17	0.70	12.50	H
	5626	-41.84	-13	-28.84	-61.02	-53.98	0.98	13.12	H
	7502	-45.67	-13	-32.67	-68.59	-54.9	1.18	10.41	H
									H
									H
									H
									H
	3751	-52.18	-13	-39.18	-68.5	-63.98	0.70	12.50	V
	5626	-43.84	-13	-30.84	-63.34	-55.98	0.98	13.12	V
	7502	-45.01	-13	-32.01	-68	-54.24	1.18	10.41	V
									V
									V
									V
									V
									V
Highest	3801	-49.88	-13	-36.88	-65.99	-61.69	0.67	12.48	H
	5701	-41.53	-13	-28.53	-60.9	-53.62	0.99	13.08	H
	7602	-44.64	-13	-31.64	-67.27	-54.14	1.18	10.69	H
									H
									H
									H
									H
	3801	-51.26	-13	-38.26	-67.69	-63.07	0.67	12.48	V
	5701	-43.05	-13	-30.05	-62.61	-55.14	0.99	13.08	V
	7602	-45.62	-13	-32.62	-68.25	-55.125	1.18	10.69	V
									V
									V
									V
									V
									V

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



LTE Band 2 / 15MHz / QPSK									
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	-52.06	-13	-39.06	-68.11	-63.85	0.73	12.52	H
	5552	-45.31	-13	-32.31	-64.55	-57.48	1.00	13.17	H
	7403	-46.90	-13	-33.90	-68.7	-56.29	1.18	10.57	H
									H
									H
									H
									H
	3701	-50.22	-13	-37.22	-66.43	-62.01	0.73	12.52	V
	5552	-45.07	-13	-32.07	-64.72	-57.24	1.00	13.17	V
	7403	-44.69	-13	-31.69	-66.61	-54.08	1.18	10.57	V
									V
									V
									V
									V
Middle	3746	-50.65	-13	-37.65	-66.73	-62.45	0.70	12.50	H
	5619	-41.28	-13	-28.28	-60.47	-53.43	0.98	13.13	H
	7493	-45.89	-13	-32.89	-68.6	-55.12	1.18	10.41	H
									H
									H
									H
									H
	3746	-52.73	-13	-39.73	-69.05	-64.53	0.70	12.50	V
	5619	-42.43	-13	-29.43	-61.97	-54.58	0.98	13.13	V
	7493	-45.48	-13	-32.48	-68.27	-54.71	1.18	10.41	V
									V
									V
									V
									V
									V
Highest	3791	-49.22	-13	-36.22	-65.3	-61.03	0.67	12.48	H
	5687	-39.55	-13	-26.55	-58.87	-51.65	0.99	13.09	H
	7583	-46.66	-13	-33.66	-69.32	-56.11	1.18	10.63	H
									H
									H
									H
									H
	3791	-50.97	-13	-37.97	-67.35	-62.78	0.67	12.48	V
	5687	-41.28	-13	-28.28	-60.82	-53.38	0.99	13.09	V
	7583	-45.25	-13	-32.25	-67.93	-54.7	1.18	10.63	V
									V
									V
									V
									V
									V

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



LTE Band 2 / 20MHz / QPSK									
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	-52.64	-13	-39.64	-68.69	-64.43	0.72	12.52	H
	5553	-45.34	-13	-32.34	-64.58	-57.51	1.00	13.17	H
	7404	-44.13	-13	-31.13	-65.94	-53.52	1.18	10.57	H
									H
									H
									H
									H
	3702	-52.53	-13	-39.53	-68.74	-64.32	0.72	12.52	V
	5553	-45.30	-13	-32.30	-64.95	-57.47	1.00	13.17	V
	7404	-45.70	-13	-32.70	-67.63	-55.09	1.18	10.57	V
									V
									V
									V
									V
Middle	3742	-50.59	-13	-37.59	-66.67	-62.39	0.70	12.50	H
	5613	-41.33	-13	-28.33	-60.53	-53.48	0.98	13.13	H
	7484	-46.09	-13	-33.09	-68.82	-55.34	1.18	10.43	H
									H
									H
									H
									H
	3742	-52.61	-13	-39.61	-68.93	-64.41	0.70	12.50	V
	5613	-42.14	-13	-29.14	-61.69	-54.29	0.98	13.13	V
	7484	-44.89	-13	-31.89	-67.7	-54.14	1.18	10.43	V
									V
									V
									V
									V
									V
Highest	3782	-52.09	-13	-39.09	-68.18	-63.9	0.68	12.49	H
	5673	-39.29	-13	-26.29	-58.6	-51.4	0.99	13.10	H
	7564	-45.42	-13	-32.42	-68.1	-54.82	1.18	10.58	H
									H
									H
									H
									H
	3782	-51.88	-13	-38.88	-68.28	-63.69	0.68	12.49	V
	5673	-42.33	-13	-29.33	-61.89	-54.44	0.99	13.10	V
	7564	-46.22	-13	-33.22	-68.93	-55.62	1.18	10.58	V
									V
									V
									V
									V
									V

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

**LTE Band 4**

LTE Band 4 / 1.4MHz / QPSK									
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	-49.48	-13	-36.48	-64.42	-61.07	0.77	12.36	H
	5130	-48.79	-13	-35.79	-67.03	-60.28	0.97	12.46	H
	6840	-45.71	-13	-32.71	-67.2	-56.56	0.81	11.65	H
									H
									H
									H
									H
	3420	-48.78	-13	-35.78	-63.82	-60.37	0.77	12.36	V
	5130	-50.77	-13	-37.77	-69.61	-62.26	0.97	12.46	V
	6840	-45.53	-13	-32.53	-67.15	-56.38	0.81	11.65	V
									V
									V
									V
									V
Middle	3462	-43.38	-13	-30.38	-58.78	-55.09	0.78	12.49	H
	5196	-46.04	-13	-33.04	-64.43	-57.64	0.99	12.59	H
	6930	-44.51	-13	-31.51	-66.11	-54.96	1.01	11.45	H
									H
									H
									H
									H
	3462	-45.25	-13	-32.25	-60.76	-56.96	0.78	12.49	V
	5196	-47.74	-13	-34.74	-66.74	-59.34	0.99	12.59	V
	6930	-45.26	-13	-32.26	-66.93	-55.71	1.01	11.45	V
									V
									V
									V
									V
Highest	3510	-44.95	-13	-31.95	-60.83	-56.77	0.78	12.60	H
	5262	-48.51	-13	-35.51	-67.13	-60.22	1.01	12.72	H
	7014	-45.68	-13	-32.68	-67.41	-55.79	1.17	11.27	H
									H
									H
									H
	3510	-46.83	-13	-33.83	-62.82	-58.65	0.78	12.60	V
	5262	-49.22	-13	-36.22	-68.52	-60.93	1.01	12.72	V
	7014	-44.98	-13	-31.98	-66.74	-55.09	1.17	11.27	V
									V
									V
									V

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



LTE Band 4 / 3MHz / QPSK									
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	-49.92	-13	-36.92	-64.86	-61.51	0.77	12.36	H
	5130	-50.08	-13	-37.08	-68.29	-61.57	0.97	12.46	H
	6840	-47.32	-13	-34.32	-68.81	-58.17	0.81	11.65	H
									H
									H
									H
									H
	3420	-48.75	-13	-35.75	-63.79	-60.34	0.77	12.36	V
	5130	-51.08	-13	-38.08	-69.92	-62.57	0.97	12.46	V
	6840	-47.06	-13	-34.06	-68.68	-57.91	0.81	11.65	V
									V
									V
									V
									V
Middle	3462	-45.84	-13	-32.84	-61.24	-57.55	0.78	12.49	H
	5196	-48.53	-13	-35.53	-66.92	-60.13	0.99	12.59	H
	6924	-45.78	-13	-32.78	-67.35	-56.25	0.99	11.47	H
									H
									H
									H
									H
	3462	-46.95	-13	-33.95	-62.46	-58.66	0.78	12.49	V
	5196	-49.65	-13	-36.65	-68.65	-61.25	0.99	12.59	V
	6924	-47.27	-13	-34.27	-68.96	-57.74	0.99	11.47	V
									V
									V
									V
									V
Highest	3504	-46.30	-13	-33.30	-62.14	-58.12	0.78	12.60	H
	5256	-50.46	-13	-37.46	-69.07	-62.16	1.01	12.71	H
	7008	-47.38	-13	-34.38	-69.08	-57.5	1.17	11.29	H
									H
									H
									H
									H
	3504	-47.86	-13	-34.86	-63.83	-59.68	0.78	12.60	V
	5256	-50.54	-13	-37.54	-69.83	-62.24	1.01	12.71	V
	7008	-47.42	-13	-34.42	-69.14	-57.54	1.17	11.29	V
									V
									V
									V
									V

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



LTE Band 4 / 5MHz / QPSK									
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	3426	-48.49	-13	-35.49	-63.43	-60.09	0.77	12.38	H
	5136	-50.76	-13	-37.76	-68.97	-62.26	0.97	12.47	H
	6852	-48.00	-13	-35.00	-69.52	-58.79	0.83	11.63	H
									H
									H
									H
									H
	3426	-50.38	-13	-37.38	-65.42	-61.98	0.77	12.38	V
	5136	-50.79	-13	-37.79	-69.63	-62.29	0.97	12.47	V
	6852	-47.35	-13	-34.35	-68.98	-58.14	0.83	11.63	V
									V
									V
									V
									V
Middle	3462	-46.88	-13	-33.88	-62.28	-58.59	0.78	12.49	H
	5196	-48.91	-13	-35.91	-67.3	-60.51	0.99	12.59	H
	6924	-47.01	-13	-34.01	-68.63	-57.48	0.99	11.47	H
									H
									H
									H
									H
	3462	-48.70	-13	-35.70	-64.21	-60.41	0.78	12.49	V
	5196	-50.74	-13	-37.74	-69.74	-62.34	0.99	12.59	V
	6924	-45.55	-13	-32.55	-67.24	-56.02	0.99	11.47	V
									V
									V
									V
									V
Highest	3504	-46.83	-13	-33.83	-62.67	-58.65	0.78	12.60	H
	5256	-50.99	-13	-37.99	-69.6	-62.69	1.01	12.71	H
	7008	-47.50	-13	-34.50	-69.19	-57.62	1.17	11.29	H
									H
									H
									H
									H
	3504	-48.09	-13	-35.09	-64.06	-59.91	0.78	12.60	V
	5256	-49.67	-13	-36.67	-68.96	-61.37	1.01	12.71	V
	7008	-47.09	-13	-34.09	-68.81	-57.21	1.17	11.29	V
									V
									V
									V
									V

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



LTE Band 4 / 10MHz / QPSK									
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	3432	-51.17	-13	-38.17	-66.1	-62.79	0.77	12.40	H
	5145	-51.37	-13	-38.37	-69.64	-62.88	0.98	12.49	H
	6860	-47.99	-13	-34.99	-69.5	-58.75	0.85	11.61	H
									H
									H
									H
									H
	3432	-51.45	-13	-38.45	-66.48	-63.07	0.77	12.40	V
	5145	-50.27	-13	-37.27	-69.16	-61.78	0.98	12.49	V
	6860	-47.63	-13	-34.63	-69.25	-58.39	0.85	11.61	V
									V
									V
									V
									V
Middle	3462	-47.57	-13	-34.57	-62.97	-59.28	0.78	12.49	H
	5196	-47.71	-13	-34.71	-66.1	-59.31	0.99	12.59	H
	6930	-47.79	-13	-34.79	-69.39	-58.24	1.01	11.45	H
									H
									H
									H
									H
	3462	-48.97	-13	-35.97	-64.48	-60.68	0.78	12.49	V
	5196	-49.76	-13	-36.76	-68.76	-61.36	0.99	12.59	V
	6930	-47.23	-13	-34.23	-68.9	-57.68	1.01	11.45	V
									V
									V
									V
									V
									V
Highest	3486	-47.58	-13	-34.58	-63.2	-59.36	0.78	12.56	H
	5256	-51.33	-13	-38.33	-69.94	-63.03	1.01	12.71	H
	7008	-47.42	-13	-34.42	-69.12	-57.54	1.17	11.29	H
									H
									H
									H
									H
	3486	-50.27	-13	-37.27	-66.01	-62.05	0.78	12.56	V
	5256	-50.42	-13	-37.42	-69.71	-62.12	1.01	12.71	V
	7008	-46.91	-13	-33.91	-68.33	-57.03	1.17	11.29	V
									V
									V
									V
									V
									V

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



LTE Band 4 / 15MHz / QPSK									
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	3432	-51.03	-13	-38.03	-65.96	-62.65	0.77	12.40	H
	5154	-50.84	-13	-37.84	-69.11	-62.37	0.98	12.51	H
	6870	-47.14	-13	-34.14	-68.69	-57.85	0.87	11.59	H
									H
									H
									H
									H
	3432	-52.10	-13	-39.10	-67.13	-63.72	0.77	12.40	V
	5154	-49.98	-13	-36.98	-68.87	-61.51	0.98	12.51	V
	6870	-48.15	-13	-35.15	-69.8	-58.86	0.87	11.59	V
									V
									V
									V
									V
Middle	3456	-49.33	-13	-36.33	-64.74	-61.02	0.78	12.47	H
	5196	-50.71	-13	-37.71	-69.1	-62.31	0.99	12.59	H
	6930	-48.25	-13	-35.25	-69.85	-58.7	1.01	11.45	H
									H
									H
									H
									H
	3456	-50.48	-13	-37.48	-66	-62.17	0.78	12.47	V
	5196	-50.34	-13	-37.34	-69.34	-61.94	0.99	12.59	V
	6930	-46.99	-13	-33.99	-68.66	-57.44	1.01	11.45	V
									V
									V
									V
									V
									V
Highest	3486	-50.68	-13	-37.68	-66.3	-62.46	0.78	12.56	H
	5244	-52.04	-13	-39.04	-70.6	-63.72	1.01	12.69	H
	6990	-46.67	-13	-33.67	-68.32	-56.85	1.14	11.32	H
									H
									H
									H
									H
	3486	-51.19	-13	-38.19	-66.93	-62.97	0.78	12.56	V
	5244	-50.10	-13	-37.10	-69.31	-61.78	1.01	12.69	V
	6990	-47.20	-13	-34.20	-68.91	-57.38	1.14	11.32	V
									V
									V
									V
									V
									V

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



LTE Band 4 / 20MHz / QPSK									
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	3432	-51.44	-13	-38.44	-66.37	-63.06	0.77	12.40	H
	5160	-50.84	-13	-37.84	-69.11	-62.38	0.98	12.52	H
	6882	-47.37	-13	-34.37	-68.9	-58.03	0.90	11.56	H
									H
									H
									H
									H
	3432	-49.70	-13	-36.70	-64.73	-61.32	0.77	12.40	V
	5160	-49.64	-13	-36.64	-68.53	-61.18	0.98	12.52	V
	6882	-47.39	-13	-34.39	-69.02	-58.05	0.90	11.56	V
									V
									V
									V
									V
Middle	3456	-49.41	-13	-36.41	-64.82	-61.1	0.78	12.47	H
	5196	-51.15	-13	-38.15	-69.54	-62.75	0.99	12.59	H
	6930	-45.92	-13	-32.92	-67.49	-56.37	1.01	11.45	H
									H
									H
									H
									H
	3456	-49.99	-13	-36.99	-65.51	-61.68	0.78	12.47	V
	5196	-50.35	-13	-37.35	-69.35	-61.95	0.99	12.59	V
	6930	-47.49	-13	-34.49	-69.16	-57.94	1.01	11.45	V
									V
									V
									V
									V
									V
Highest	3492	-51.76	-13	-38.76	-67.61	-63.56	0.78	12.58	H
	5232	-51.20	-13	-38.20	-69.7	-62.86	1.00	12.66	H
	6978	-47.78	-13	-34.78	-69.47	-58.01	1.11	11.35	H
									H
									H
									H
									H
	3492	-52.16	-13	-39.16	-68.14	-63.96	0.78	12.58	V
	5232	-49.98	-13	-36.98	-69.12	-61.64	1.00	12.66	V
	6978	-47.42	-13	-34.42	-69.14	-57.65	1.11	11.35	V
									V
									V
									V
									V
									V

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

**LTE Band 5**

LTE Band 5 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-51.31	-13	-38.31	-60.2	-58.26	0.53	9.63	H
	2472	-49.14	-13	-36.14	-61.08	-57.12	0.65	10.78	H
	3296	-54.71	-13	-41.71	-69.01	-63.79	0.76	11.99	H
									H
									H
									H
									H
	1648	-51.00	-13	-38.00	-59.66	-57.95	0.53	9.63	V
	2472	-49.07	-13	-36.07	-61.89	-57.05	0.65	10.78	V
	3296	-55.31	-13	-42.31	-69.62	-64.39	0.76	11.99	V
									V
									V
									V
									V
Middle	1672	-55.53	-13	-42.53	-64.46	-62.53	0.53	9.68	H
	2508	-55.54	-13	-42.54	-67.37	-63.54	0.66	10.80	H
	3343	-55.39	-13	-42.39	-69.56	-64.61	0.76	12.13	H
									H
									H
									H
									H
	1672	-55.76	-13	-42.76	-64.44	-62.76	0.53	9.68	V
	2508	-55.42	-13	-42.42	-68.14	-63.42	0.66	10.80	V
	3343	-55.10	-13	-42.10	-69.3	-64.32	0.76	12.13	V
									V
									V
									V
									V
Highest	1696	-50.68	-13	-37.68	-59.66	-57.73	0.53	9.73	H
	2544	-52.94	-13	-39.94	-64.86	-60.95	0.67	10.83	H
	3393	-54.66	-13	-41.66	-68.63	-64.02	0.77	12.28	H
									H
									H
									H
	1696	-51.17	-13	-38.17	-59.87	-58.22	0.53	9.73	V
	2544	-53.30	-13	-40.30	-65.92	-61.31	0.67	10.83	V
	3393	-55.02	-13	-42.02	-69.06	-64.38	0.77	12.28	V
									V
									V
									V

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



LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-51.41	-13	-38.41	-60.3	-58.36	0.53	9.63	H
	2472	-45.76	-13	-32.76	-57.7	-53.74	0.65	10.78	H
	3296	-55.51	-13	-42.51	-69.81	-64.59	0.76	11.99	H
									H
									H
									H
									H
	1648	-51.84	-13	-38.84	-60.5	-58.79	0.53	9.63	V
	2472	-50.38	-13	-37.38	-63.2	-58.36	0.65	10.78	V
	3296	-53.82	-13	-40.82	-68.13	-62.9	0.76	11.99	V
									V
									V
									V
									V
Middle	1672	-53.46	-13	-40.46	-62.39	-60.46	0.53	9.68	H
	2505	-56.26	-13	-43.26	-68.09	-64.26	0.66	10.80	H
	3340	-54.87	-13	-41.87	-69.04	-64.08	0.76	12.12	H
									H
									H
									H
									H
	1672	-55.60	-13	-42.60	-64.28	-62.6	0.53	9.68	V
	2505	-55.32	-13	-42.32	-68.04	-63.32	0.66	10.80	V
	3340	-54.83	-13	-41.83	-69.03	-64.04	0.76	12.12	V
									V
									V
									V
									V
									V
Highest	1692	-58.03	-13	-45.03	-67	-65.07	0.53	9.72	H
	2538	-56.82	-13	-43.82	-68.74	-64.83	0.66	10.82	H
	3384	-55.56	-13	-42.56	-69.53	-64.89	0.77	12.25	H
									H
									H
									H
									H
	1692	-57.78	-13	-44.78	-66.49	-64.82	0.53	9.72	V
	2538	-56.01	-13	-43.01	-68.63	-64.02	0.66	10.82	V
	3384	-55.14	-13	-42.14	-69.18	-64.47	0.77	12.25	V
									V
									V
									V
									V
									V

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



LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-52.30	-13	-39.30	-61.19	-59.25	0.53	9.63	H
	2472	-51.19	-13	-38.19	-63.13	-59.17	0.65	10.78	H
	3296	-54.79	-13	-41.79	-69.09	-63.87	0.76	11.99	H
									H
									H
									H
									H
	1648	-51.76	-13	-38.76	-60.42	-58.71	0.53	9.63	V
	2472	-49.48	-13	-36.48	-62.3	-57.46	0.65	10.78	V
	3296	-55.63	-13	-42.63	-69.94	-64.71	0.76	11.99	V
									V
									V
									V
									V
Middle	1668	-56.19	-13	-43.19	-65.12	-63.18	0.53	9.67	H
	2502	-55.21	-13	-42.21	-67.05	-63.21	0.66	10.80	H
	3336	-54.37	-13	-41.37	-68.55	-63.57	0.76	12.11	H
									H
									H
									H
									H
	1668	-55.65	-13	-42.65	-64.33	-62.64	0.53	9.67	V
	2502	-54.77	-13	-41.77	-67.5	-62.77	0.66	10.80	V
	3336	-55.30	-13	-42.30	-69.51	-64.5	0.76	12.11	V
									V
									V
									V
									V
									V
Highest	1688	-54.28	-13	-41.28	-63.26	-61.31	0.53	9.71	H
	2532	-55.87	-13	-42.87	-67.75	-63.88	0.66	10.82	H
	3376	-55.38	-13	-42.38	-69.41	-64.69	0.77	12.23	H
									H
									H
									H
									H
	1688	-55.22	-13	-42.22	-63.94	-62.25	0.53	9.71	V
	2532	-54.14	-13	-41.14	-66.82	-62.15	0.66	10.82	V
	3376	-54.70	-13	-41.70	-68.8	-64.01	0.77	12.23	V
									V
									V
									V
									V
									V

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



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649	-51.77	-13	-38.77	-60.66	-58.72	0.53	9.63	H
	2474	-53.71	-13	-40.71	-65.65	-61.69	0.65	10.78	H
	3298	-54.89	-13	-41.89	-69.19	-63.98	0.76	11.99	H
									H
									H
									H
									H
	1649	-50.89	-13	-37.89	-59.55	-57.84	0.53	9.63	V
	2474	-50.29	-13	-37.29	-63.11	-58.27	0.65	10.78	V
	3298	-54.67	-13	-41.67	-68.98	-63.76	0.76	11.99	V
									V
									V
									V
									V
Middle	1664	-56.90	-13	-43.90	-65.83	-63.88	0.53	9.66	H
	2496	-52.17	-13	-39.17	-63.97	-60.16	0.65	10.80	H
	3328	-54.99	-13	-41.99	-69.16	-64.16	0.76	12.08	H
									H
									H
									H
									H
	1664	-55.41	-13	-42.41	-64.09	-62.39	0.53	9.66	V
	2496	-51.40	-13	-38.40	-64.19	-59.39	0.65	10.80	V
	3328	-55.54	-13	-42.54	-69.74	-64.71	0.76	12.08	V
									V
									V
									V
									V
									V
Highest	1680	-54.79	-13	-41.79	-63.77	-61.81	0.53	9.70	H
	2519	-53.07	-13	-40.07	-64.95	-61.07	0.66	10.81	H
	3358	-54.76	-13	-41.76	-68.86	-64.02	0.77	12.17	H
									H
									H
									H
									H
	1680	-53.62	-13	-40.62	-62.35	-60.64	0.53	9.70	V
	2519	-49.03	-13	-36.03	-61.71	-57.03	0.66	10.81	V
	3358	-54.85	-13	-41.85	-69	-64.11	0.77	12.17	V
									V
									V
									V
									V
									V

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

**LTE Band 12**

LTE Band 12 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-46.83	-13.00	-33.83	-57.31	-52.88	0.50	8.70	H
	2096	-55.01	-13.00	-42.01	-67.11	-62.75	0.59	10.48	H
	2796	-55.89	-13.00	-42.89	-68.95	-64.02	0.70	10.98	H
									H
									H
									H
									H
	1400	-46.14	-13.00	-33.14	-55.34	-52.19	0.50	8.70	V
	2096	-55.15	-13.00	-42.15	-67.49	-62.89	0.59	10.48	V
	2796	-55.41	-13.00	-42.41	-68.87	-63.54	0.70	10.98	V
									V
									V
									V
									V
Middle	1416	-42.58	-13.00	-29.58	-52.87	-48.72	0.50	8.80	H
	2120	-51.72	-13.00	-38.72	-64.10	-59.47	0.59	10.50	H
	3536	-49.83	-13.00	-36.83	-65.09	-59.48	0.78	12.59	H
									H
									H
									H
									H
	1416	-44.26	-13.00	-31.26	-53.47	-50.40	0.50	8.80	V
	2120	-54.23	-13.00	-41.23	-66.92	-61.98	0.59	10.50	V
	3536	-50.19	-13.00	-37.19	-65.55	-59.84	0.78	12.59	V
									V
									V
									V
									V
Highest	1432	-46.43	-13.00	-33.43	-56.61	-52.67	0.50	8.89	H
	2144	-49.53	-13.00	-36.53	-62.47	-57.30	0.59	10.52	H
	3576	-48.26	-13.00	-35.26	-63.64	-57.90	0.78	12.57	H
									H
									H
									H
	1432	-45.60	-13.00	-32.60	-54.88	-51.84	0.50	8.89	V
	2144	-52.19	-13.00	-39.19	-65.58	-59.96	0.59	10.52	V
	3576	-47.26	-13.00	-34.26	-62.70	-56.90	0.78	12.57	V
									V
									V
									V

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



LTE Band 12 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-48.85	-13.00	-35.85	-59.33	-54.90	0.50	8.70	H
	2096	-52.72	-13.00	-39.72	-64.82	-60.46	0.59	10.48	H
	3496	-51.55	-13.00	-38.55	-66.72	-61.21	0.78	12.59	H
									H
									H
									H
									H
	1400	-50.68	-13.00	-37.68	-59.88	-56.73	0.50	8.70	V
	2096	-56.13	-13.00	-43.13	-68.47	-63.87	0.59	10.48	V
	3496	-53.60	-13.00	-40.60	-68.90	-63.26	0.78	12.59	V
									V
									V
									V
									V
Middle	1416	-43.23	-13.00	-30.23	-53.52	-49.37	0.50	8.80	H
	2120	-51.15	-13.00	-38.15	-63.53	-58.90	0.59	10.50	H
	3528	-50.03	-13.00	-37.03	-65.29	-59.69	0.78	12.59	H
									H
									H
									H
									H
	1416	-44.06	-13.00	-31.06	-53.27	-50.20	0.50	8.80	V
	2120	-53.11	-13.00	-40.11	-65.80	-60.86	0.59	10.50	V
	3528	-51.53	-13.00	-38.53	-66.89	-61.19	0.78	12.59	V
									V
									V
									V
									V
Highest	1424	-49.45	-13.00	-36.45	-59.63	-55.64	0.50	8.84	H
	2136	-50.42	-13.00	-37.42	-63.08	-58.19	0.59	10.51	H
	3568	-46.53	-13.00	-33.53	-61.90	-56.17	0.78	12.57	H
									H
									H
									H
									H
	1424	-48.40	-13.00	-35.40	-57.68	-54.59	0.50	8.84	V
	2136	-51.27	-13.00	-38.27	-64.31	-59.04	0.59	10.51	V
	3568	-47.04	-13.00	-34.04	-62.47	-56.68	0.78	12.57	V
									V
									V
									V
									V

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



LTE Band 12 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-47.54	-13.00	-34.54	-58.02	-53.59	0.50	8.70	H
	2098	-54.13	-13.00	-41.13	-66.22	-61.87	0.59	10.48	H
	3496	-49.28	-13.00	-36.28	-64.45	-58.94	0.78	12.59	H
									H
									H
									H
									H
	1400	-49.40	-13.00	-36.40	-58.60	-55.45	0.50	8.70	V
	2098	-55.51	-13.00	-42.51	-67.84	-63.25	0.59	10.48	V
	3496	-52.31	-13.00	-39.31	-67.61	-61.97	0.78	12.59	V
									V
									V
									V
									V
Middle	1408	-44.18	-13.00	-31.18	-54.47	-50.28	0.50	8.75	H
	2120	-52.31	-13.00	-39.31	-64.69	-60.06	0.59	10.50	H
	3528	-48.37	-13.00	-35.37	-63.63	-58.03	0.78	12.59	H
									H
									H
									H
									H
	1408	-44.22	-13.00	-31.22	-53.43	-50.32	0.50	8.75	V
	2120	-53.79	-13.00	-40.79	-66.48	-61.54	0.59	10.50	V
	3528	-51.26	-13.00	-38.26	-66.62	-60.92	0.78	12.59	V
									V
									V
									V
									V
Highest	1424	-51.68	-13.00	-38.68	-61.86	-57.87	0.50	8.84	H
	2136	-51.32	-13.00	-38.32	-63.98	-59.09	0.59	10.51	H
	3560	-50.58	-13.00	-37.58	-65.90	-60.22	0.78	12.58	H
									H
									H
									H
									H
	1424	-48.87	-13.00	-35.87	-58.15	-55.06	0.50	8.84	V
	2136	-51.11	-13.00	-38.11	-64.15	-58.88	0.59	10.51	V
	3560	-51.24	-13.00	-38.24	-66.64	-60.88	0.78	12.58	V
									V
									V
									V
									V

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



LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-47.79	-13.00	-34.79	-58.28	-53.84	0.50	8.70	H
	2099	-54.51	-13.00	-41.51	-66.60	-62.25	0.59	10.48	H
	3096	-50.56	-13.00	-37.56	-65.73	-59.05	0.75	11.39	H
									H
									H
									H
									H
	1400	-54.86	-13.00	-41.86	-64.06	-60.91	0.50	8.70	V
	2099	-54.04	-13.00	-41.04	-66.37	-61.78	0.59	10.48	V
	3096	-54.62	-13.00	-41.62	-68.81	-63.11	0.75	11.39	V
									V
									V
									V
									V
Middle	1408	-43.40	-13.00	-30.40	-53.69	-49.50	0.50	8.75	H
	2112	-49.72	-13.00	-36.72	-62.11	-57.47	0.59	10.49	H
	3512	-46.12	-13.00	-33.12	-61.34	-55.78	0.78	12.60	H
									H
									H
									H
									H
	1408	-51.81	-13.00	-38.81	-61.02	-57.91	0.50	8.75	V
	2112	-49.62	-13.00	-36.62	-62.32	-57.37	0.59	10.49	V
	3512	-48.81	-13.00	-35.81	-64.14	-58.47	0.78	12.60	V
									V
									V
									V
									V
Highest	1416	-41.04	-13.00	-28.04	-51.33	-47.18	0.50	8.80	H
	2120	-51.55	-13.00	-38.55	-63.93	-59.30	0.59	10.50	H
	3536	-49.50	-13.00	-36.50	-64.76	-59.15	0.78	12.59	H
									H
									H
									H
									H
	1416	-46.78	-13.00	-33.78	-55.99	-52.92	0.50	8.80	V
	2120	-54.84	-13.00	-41.84	-67.53	-62.59	0.59	10.50	V
	3536	-52.61	-13.00	-39.61	-67.97	-62.26	0.78	12.59	V
									V
									V
									V
									V

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

**LTE Band 17**

LTE Band 17 / 5MHz / QPSK									
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	-41.30	-13	-28.30	-51.59	-47.40	0.50	8.75	H
	2112	-51.06	-13	-38.06	-63.45	-58.81	0.59	10.49	H
	3520	-45.07	-13	-32.07	-60.29	-54.73	0.78	12.59	H
									H
									H
									H
									H
	1408	-48.08	-13	-35.08	-57.29	-54.18	0.50	8.75	V
	2112	-54.78	-13	-41.78	-67.48	-62.53	0.59	10.49	V
	3520	-50.82	-13	-37.82	-66.15	-60.48	0.78	12.59	V
									V
									V
									V
									V
Middle	1416	-41.32	-13	-28.32	-51.61	-47.46	0.50	8.80	H
	2120	-52.93	-13	-39.93	-65.31	-60.68	0.59	10.50	H
	3536	-43.59	-13	-30.59	-58.85	-53.24	0.78	12.59	H
									H
									H
									H
									H
	1416	-48.55	-13	-35.55	-57.76	-54.69	0.50	8.80	V
	2120	-54.76	-13	-41.76	-67.45	-62.51	0.59	10.50	V
	3536	-52.26	-13	-39.26	-67.62	-61.91	0.78	12.59	V
									V
									V
									V
									V
Highest	1424	-47.65	-13	-34.65	-57.83	-53.84	0.50	8.84	H
	2136	-49.54	-13	-36.54	-62.20	-57.31	0.59	10.51	H
	3560	-47.27	-13	-34.27	-62.59	-56.91	0.78	12.58	H
									H
									H
									H
	1424	-50.90	-13	-37.90	-60.18	-57.09	0.50	8.84	V
	2136	-53.16	-13	-40.16	-66.20	-60.93	0.59	10.51	V
	3560	-47.87	-13	-34.87	-63.27	-57.51	0.78	12.58	V
									V
									V
									V

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



LTE Band 17 / 10MHz / QPSK									
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	-41.74	-13	-28.74	-52.03	-47.84	0.50	8.75	H
	2112	-50.55	-13	-37.55	-62.94	-58.30	0.59	10.49	H
	3520	-46.31	-13	-33.31	-61.53	-55.97	0.78	12.59	H
									H
									H
									H
									H
	1408	-49.65	-13	-36.65	-58.86	-55.75	0.50	8.75	V
	2112	-52.27	-13	-39.27	-64.97	-60.02	0.59	10.49	V
	3520	-50.14	-13	-37.14	-65.47	-59.80	0.78	12.59	V
									V
									V
									V
									V
Middle	1408	-41.74	-13	-28.74	-52.03	-47.84	0.50	8.75	H
	2112	-50.55	-13	-37.55	-62.94	-58.30	0.59	10.49	H
	3520	-46.31	-13	-33.31	-61.53	-55.97	0.78	12.59	H
									H
									H
									H
									H
	1408	-49.65	-13	-36.65	-58.86	-55.75	0.50	8.75	V
	2112	-52.27	-13	-39.27	-64.97	-60.02	0.59	10.49	V
	3520	-50.14	-13	-37.14	-65.47	-59.80	0.78	12.59	V
									V
									V
									V
									V
									V
Highest	1416	-40.24	-13	-27.24	-50.53	-46.38	0.50	8.80	H
	2120	-53.22	-13	-40.22	-65.60	-60.97	0.59	10.50	H
	3536	-49.26	-13	-36.26	-64.52	-58.91	0.78	12.59	H
									H
									H
									H
									H
	1416	-45.86	-13	-32.86	-55.07	-52.00	0.50	8.80	V
	2120	-55.38	-13	-42.38	-68.07	-63.13	0.59	10.50	V
	3536	-52.36	-13	-39.36	-67.72	-62.01	0.78	12.59	V
									V
									V
									V
									V
									V

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