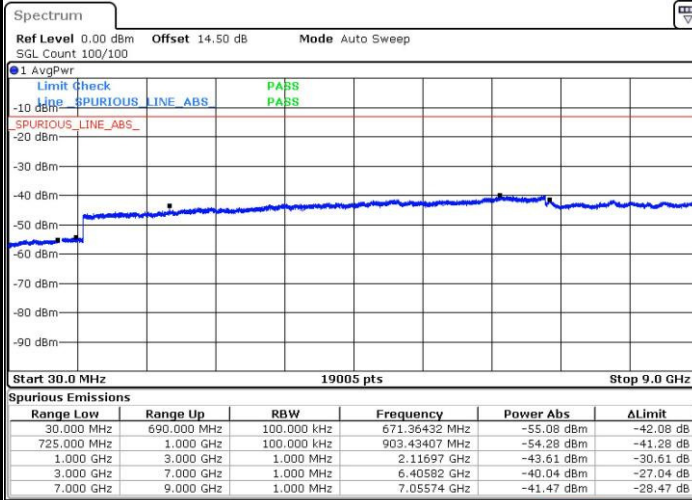




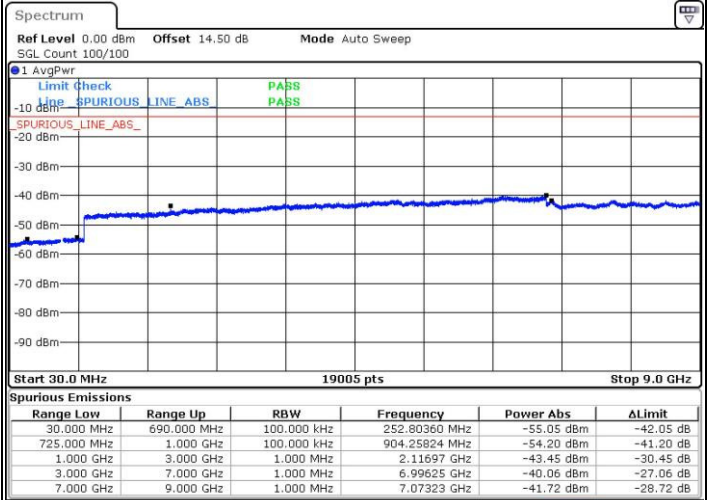
LTE Band 17 / 10MHz

Middle Channel / QPSK



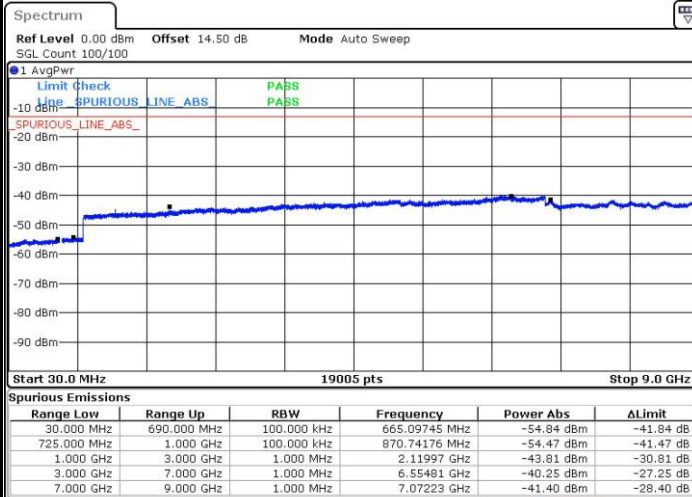
Date: 4 JUN 2016 09:51:17

Middle Channel / 16QAM



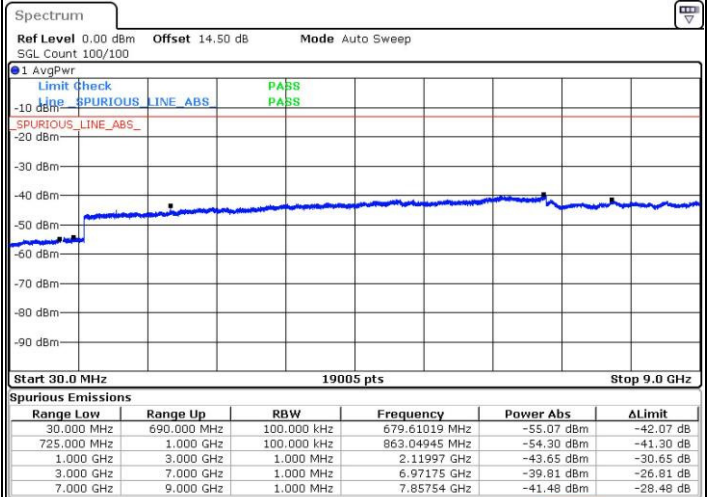
Date: 4 JUN 2016 09:52:12

Highest Channel / QPSK



Date: 4 JUN 2016 10:01:55

Highest Channel / 16QAM



Date: 4 JUN 2016 10:02:50

**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	0.0027	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0074	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0063	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0063	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

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	0.0028	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0071	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0113	PASS
40	Normal Voltage	0.0085	
30	Normal Voltage	0.0085	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0113	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0070	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



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	3	11.94	0.0156	16.64	0.0461
Middle		3	0	12.18	0.0165	15.42	0.0349
Highest		3	1	11.65	0.0146	15.10	0.0323
Lowest	16QAM	3	1	12.16	0.0164	16.68	0.0465
Middle		3	0	12.23	0.0167	16.26	0.0423
Highest		3	1	12.00	0.0158	16.83	0.0481
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	15.08	0.0322	17.40	0.0550
Middle		1	0	15.10	0.0324	17.51	0.0564
Highest		1	0	15.26	0.0336	17.63	0.0580
Lowest	16QAM	1	14	15.19	0.0330	17.83	0.0607
Middle		1	8	15.69	0.0371	17.68	0.0587
Highest		1	0	16.66	0.0464	18.12	0.0649
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	16.67	0.0464	17.22	0.0527
Middle		1	0	17.04	0.0506	17.50	0.0563
Highest		1	24	16.94	0.0495	17.52	0.0565
Lowest	16QAM	1	0	16.26	0.0422	16.62	0.0459
Middle		1	12	16.61	0.0458	17.25	0.0531
Highest		1	12	16.54	0.0451	16.16	0.0413
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	15.39	0.0346	14.04	0.0254
Middle		1	0	15.48	0.0353	13.40	0.0219
Highest		1	49	15.67	0.0369	13.47	0.0222
Lowest	16QAM	1	0	14.89	0.0308	14.03	0.0253
Middle		1	0	15.02	0.0318	13.80	0.0240
Highest		1	49	15.62	0.0365	14.47	0.0280
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	12.23	0.0167	15.92	0.0391
Middle		1	0	12.25	0.0168	15.72	0.0374
Highest		1	74	12.78	0.0190	15.33	0.0341
Lowest	16QAM	1	0	13.52	0.0225	17.97	0.0627
Middle		1	0	13.16	0.0207	17.20	0.0525
Highest		1	74	12.40	0.0174	16.82	0.0481
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	13.97	0.0249	16.97	0.0497
Middle		1	0	13.96	0.0249	17.29	0.0536
Highest		1	0	13.73	0.0236	17.43	0.0553
Lowest	16QAM	1	0	13.89	0.0245	18.97	0.0788
Middle		1	49	14.61	0.0289	17.66	0.0584
Highest		1	99	14.82	0.0303	17.84	0.0608
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	1	5	14.79	0.0301	16.27	0.0423
Middle		1	0	14.16	0.0260	17.04	0.0505
Highest		1	0	13.74	0.0236	14.68	0.0294
Lowest	16QAM	1	0	15.07	0.0321	12.40	0.0174
Middle		1	0	14.51	0.0282	12.64	0.0183
Highest		1	0	14.73	0.0297	12.60	0.0182
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	14	13.88	0.0244	15.98	0.0396
Middle		1	0	12.84	0.0192	16.20	0.0416
Highest		1	0	12.86	0.0193	17.53	0.0566
Lowest	16QAM	1	8	16.37	0.0433	15.31	0.0339
Middle		1	8	15.94	0.0392	16.15	0.0412
Highest		1	14	14.14	0.0259	16.55	0.0452
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	16.05	0.0402	18.52	0.0710
Middle		1	12	14.68	0.0293	17.50	0.0562
Highest		1	0	13.38	0.0218	17.09	0.0511
Lowest	16QAM	1	24	11.41	0.0138	18.61	0.0725
Middle		1	0	11.13	0.0130	18.01	0.0632
Highest		1	0	9.58	0.0091	18.11	0.0647
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	16.65	0.0463	16.25	0.0422
Middle		1	0	17.05	0.0506	17.22	0.0527
Highest		1	0	15.28	0.0337	16.86	0.0486
Lowest	16QAM	1	0	17.51	0.0564	9.95	0.0099
Middle		1	0	15.47	0.0352	10.09	0.0102
Highest		1	25	14.52	0.0283	10.71	0.0118
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	16.32	0.0429	9.98	0.0100
Middle		1	0	15.78	0.0378	10.15	0.0103
Highest		1	37	15.00	0.0316	10.08	0.0102
Lowest	16QAM	1	0	16.90	0.0490	19.39	0.0870
Middle		1	0	16.52	0.0448	18.08	0.0642
Highest		1	0	15.39	0.0346	18.35	0.0684
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	16.51	0.0448	12.58	0.0181
Middle		1	0	16.08	0.0405	12.41	0.0174
Highest		1	0	15.59	0.0362	12.93	0.0196
Lowest	16QAM	1	0	17.03	0.0505	11.79	0.0151
Middle		1	0	16.49	0.0445	11.60	0.0144
Highest		1	0	16.58	0.0455	12.50	0.0178
Limit	EIRP < 1W			Result		PASS	

LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	16.58	0.0455	20.13	0.103
Middle		1	24	17.17	0.0521	18.85	0.0767
Highest		1	0	14.55	0.0285	17.00	0.0501
Lowest	16QAM	1	24	16.14	0.0411	20.92	0.1235
Middle		1	24	15.84	0.0384	19.58	0.0909
Highest		1	12	14.21	0.0264	18.43	0.0697
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	15.90	0.0389	21.82	0.1520
Middle		1	49	14.92	0.0311	21.34	0.1363
Highest		1	0	13.63	0.0231	19.67	0.0927
Lowest	16QAM	1	49	17.37	0.0546	12.93	0.0196
Middle		1	49	18.42	0.0695	13.11	0.0205
Highest		1	0	20.71	0.1178	12.06	0.0161
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	19.65	0.0922	19.88	0.0972
Middle		1	37	19.95	0.0990	19.95	0.0990
Highest		1	0	17.78	0.0600	18.87	0.0771
Lowest	16QAM	1	74	18.39	0.0690	21.03	0.1267
Middle		1	74	18.46	0.0702	21.42	0.1388
Highest		1	0	17.46	0.0557	19.45	0.0881
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	18.53	0.0712	19.72	0.0937
Middle		1	99	18.42	0.0696	20.41	0.1100
Highest		1	99	16.01	0.0399	18.49	0.0706
Lowest	16QAM	1	49	15.78	0.0378	19.23	0.0837
Middle		1	49	15.84	0.0384	19.58	0.0909
Highest		1	0	14.52	0.0283	18.32	0.0679
Limit	EIRP < 2W			Result		PASS	

LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	15.17	0.0329	16.35	0.0432
Middle		1	3	15.34	0.0342	16.72	0.0469
Highest		3	0	15.23	0.0334	16.53	0.0450
Lowest	16QAM	3	3	9.93	0.0098	13.92	0.0247
Middle		3	0	9.85	0.0097	14.00	0.0251
Highest		3	1	9.53	0.0090	13.94	0.0248
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	8.27	0.0067	14.01	0.0252
Middle		1	8	8.81	0.0076	14.66	0.0292
Highest		1	0	8.41	0.0069	14.76	0.0299
Lowest	16QAM	1	8	15.90	0.0389	13.64	0.0231
Middle		1	8	15.74	0.0375	13.48	0.0223
Highest		1	0	15.69	0.0371	13.35	0.0216
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	0	12.50	0.0178	15.96	0.0395
Middle		1	24	13.79	0.0239	16.50	0.0446
Highest		1	0	13.01	0.0200	15.98	0.0396
Lowest	16QAM	1	12	14.13	0.0259	10.76	0.0119
Middle		1	12	14.84	0.0304	11.71	0.0148
Highest		1	0	14.90	0.0309	11.86	0.0154
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	15.96	0.0395	15.95	0.0394
Middle		1	25	16.19	0.0415	16.19	0.0415
Highest		1	25	15.65	0.0367	16.20	0.0417
Lowest	16QAM	1	49	14.97	0.0314	13.34	0.0216
Middle		1	25	15.70	0.0371	12.93	0.0196
Highest		1	49	15.11	0.0324	13.05	0.0202
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	17.53	0.0567	13.04	0.0202
Middle		1	12	17.98	0.0627	13.08	0.0203
Highest		1	0	17.22	0.0527	12.70	0.0186
Lowest	16QAM	1	12	18.34	0.0683	15.16	0.0328
Middle		1	12	17.31	0.0538	14.49	0.0281
Highest		1	12	16.67	0.0465	14.04	0.0254
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	15.68	0.0370	13.48	0.0223
Middle		1	25	15.79	0.0379	13.19	0.0208
Highest		1	25	15.86	0.0386	12.94	0.0197
Lowest	16QAM	1	0	10.20	0.0105	16.18	0.0415
Middle		1	25	9.89	0.0097	15.75	0.0375
Highest		1	25	9.44	0.0088	15.63	0.0366
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	-52.81	-13	-39.81	-66.36	-58.85	6.56	12.60	H
	5550.48	-52.12	-13	-39.12	-68.06	-57.22	8	13.10	H
	7400.64	-48.39	-13	-35.39	-67.13	-50.12	9.57	11.30	H
	3700.32	-53.02	-13	-40.02	-66.37	-59.06	6.56	12.6	V
	5550.48	-49.99	-13	-36.99	-67.34	-55.09	8	13.1	V
	7400.64	-48.61	-13	-35.61	-67.01	-50.34	9.57	11.3	V
Middle	3758.92	-51.49	-13	-38.49	-65.04	-57.53	6.56	12.60	H
	5638.38	-50.96	-13	-37.96	-66.90	-56.06	8	13.10	H
	7517.84	-46.71	-13	-33.71	-65.45	-48.44	9.57	11.30	H
	3758.92	-51.66	-13	-38.66	-65.01	-57.70	6.56	12.6	V
	5638.38	-48.54	-13	-35.54	-65.89	-53.64	8	13.1	V
	7517.84	-48.26	-13	-35.26	-66.66	-49.99	9.57	11.3	V
Highest	3817.52	-52.67	-13	-39.67	-66.22	-58.71	6.56	12.60	H
	5726.28	-51.74	-13	-38.74	-67.68	-56.84	8	13.10	H
	7635.04	-47.73	-13	-34.73	-66.47	-49.46	9.57	11.30	H
	3817.52	-52.33	-13	-39.33	-65.68	-58.37	6.56	12.6	V
	5726.28	-48.98	-13	-35.98	-66.33	-54.08	8	13.1	V
	7635.04	-48.05	-13	-35.05	-66.45	-49.78	9.57	11.3	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	-52.04	-13	-39.04	-65.59	-58.08	6.56	12.60	H
	5550.72	-51.43	-13	-38.43	-67.37	-56.53	8	13.10	H
	7400.96	-48.16	-13	-35.16	-66.90	-49.89	9.57	11.30	H
	3700.48	-52.42	-13	-39.42	-65.77	-58.46	6.56	12.6	V
	5550.72	-49.76	-13	-36.76	-67.11	-54.86	8	13.1	V
	7400.96	-48.56	-13	-35.56	-66.96	-50.29	9.57	11.3	V
Middle	3757.48	-52.28	-13	-39.28	-65.83	-58.32	6.56	12.60	H
	5636.22	-51.29	-13	-38.29	-67.23	-56.39	8	13.10	H
	7514.96	-47.39	-13	-34.39	-66.13	-49.12	9.57	11.30	H
	3757.48	-50.94	-13	-37.94	-64.29	-56.98	6.56	12.6	V
	5636.22	-47.48	-13	-34.48	-64.83	-52.58	8	13.1	V
	7514.96	-47.76	-13	-34.76	-66.16	-49.49	9.57	11.3	V
Highest	3814.48	-51.50	-13	-38.50	-65.05	-57.54	6.56	12.60	H
	5721.72	-51.20	-13	-38.20	-67.14	-56.30	8	13.10	H
	7628.96	-47.37	-13	-34.37	-66.11	-49.10	9.57	11.30	H
	3814.48	-51.33	-13	-38.33	-64.68	-57.37	6.56	12.6	V
	5721.72	-48.70	-13	-35.70	-66.05	-53.80	8	13.1	V
	7628.96	-48.27	-13	-35.27	-66.67	-50.00	9.57	11.3	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	-52.10	-13	-39.10	-65.65	-58.14	6.56	12.60	H
	5551.02	-51.86	-13	-38.86	-67.80	-56.96	8	13.10	H
	7401.36	-48.74	-13	-35.74	-67.48	-50.47	9.57	11.30	H
	3700.68	-52.71	-13	-39.71	-66.06	-58.75	6.56	12.6	V
	5551.02	-48.94	-13	-35.94	-66.29	-54.04	8	13.1	V
	7401.36	-49.04	-13	-36.04	-67.44	-50.77	9.57	11.3	V
Middle	3755.68	-51.54	-13	-38.54	-65.09	-57.58	6.56	12.60	H
	5633.52	-51.38	-13	-38.38	-67.32	-56.48	8	13.10	H
	7511.36	-47.72	-13	-34.72	-66.46	-49.45	9.57	11.30	H
	3755.68	-50.41	-13	-37.41	-63.76	-56.45	6.56	12.6	V
	5633.52	-48.45	-13	-35.45	-65.8	-53.55	8	13.1	V
	7511.36	-47.88	-13	-34.88	-66.28	-49.61	9.57	11.3	V
Highest	3814.48	-52.06	-13	-39.06	-65.61	-58.10	6.56	12.60	H
	5721.72	-50.96	-13	-37.96	-66.90	-56.06	8	13.10	H
	7628.96	-47.86	-13	-34.86	-66.60	-49.59	9.57	11.30	H
	3814.48	-50.06	-13	-37.06	-63.41	-56.10	6.56	12.6	V
	5721.72	-47.53	-13	-34.53	-64.88	-52.63	8	13.1	V
	7628.96	-48.60	-13	-35.60	-67	-50.33	9.57	11.3	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	-52.65	-13	-39.65	-66.20	-58.69	6.56	12.60	H
	5551.77	-51.42	-13	-38.42	-67.36	-56.52	8	13.10	H
	7402.36	-48.64	-13	-35.64	-67.38	-50.37	9.57	11.30	H
	3701.18	-52.70	-13	-39.70	-66.05	-58.74	6.56	12.6	V
	5551.77	-50.50	-13	-37.50	-67.85	-55.60	8	13.1	V
	7402.36	-48.41	-13	-35.41	-66.81	-50.14	9.57	11.3	V
Middle	3751.18	-50.95	-13	-37.95	-64.50	-56.99	6.56	12.60	H
	5626.77	-51.04	-13	-38.04	-66.98	-56.14	8	13.10	H
	7502.36	-48.45	-13	-35.45	-67.19	-50.18	9.57	11.30	H
	3751.18	-50.42	-13	-37.42	-63.77	-56.46	6.56	12.6	V
	5626.77	-47.02	-13	-34.02	-64.37	-52.12	8	13.1	V
	7502.36	-48.91	-13	-35.91	-67.31	-50.64	9.57	11.3	V
Highest	3801.18	-51.30	-13	-38.30	-64.85	-57.34	6.56	12.60	H
	5701.77	-51.27	-13	-38.27	-67.21	-56.37	8	13.10	H
	7602.36	-47.84	-13	-34.84	-66.58	-49.57	9.57	11.30	H
	3801.18	-50.15	-13	-37.15	-63.5	-56.19	6.56	12.6	V
	5701.77	-46.97	-13	-33.97	-64.32	-52.07	8	13.1	V
	7602.36	-48.35	-13	-35.35	-66.75	-50.08	9.57	11.3	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.68	-52.58	-13	-39.58	-66.13	-58.62	6.56	12.60	H
	5552.52	-52.03	-13	-39.03	-67.97	-57.13	8	13.10	H
	7403.36	-48.06	-13	-35.06	-66.80	-49.79	9.57	11.30	H
	3701.68	-53.21	-13	-40.21	-66.56	-59.25	6.56	12.6	V
	5552.52	-49.48	-13	-36.48	-66.83	-54.58	8	13.1	V
	7403.36	-48.91	-13	-35.91	-67.31	-50.64	9.57	11.3	V
Middle	3746.68	-50.13	-13	-37.13	-63.68	-56.17	6.56	12.60	H
	5620.02	-50.63	-13	-37.63	-66.57	-55.73	8	13.10	H
	7493.36	-47.49	-13	-34.49	-66.23	-49.22	9.57	11.30	H
	3746.68	-49.73	-13	-36.73	-63.08	-55.77	6.56	12.6	V
	5620.02	-46.58	-13	-33.58	-63.93	-51.68	8	13.1	V
	7493.36	-47.49	-13	-34.49	-65.89	-49.22	9.57	11.3	V
Highest	3791.68	-51.33	-13	-38.33	-64.88	-57.37	6.56	12.60	H
	5687.52	-52.24	-13	-39.24	-68.18	-57.34	8	13.10	H
	7583.36	-47.40	-13	-34.40	-66.14	-49.13	9.57	11.30	H
	3791.68	-52.26	-13	-39.26	-65.61	-58.30	6.56	12.6	V
	5687.52	-49.49	-13	-36.49	-66.84	-54.59	8	13.1	V
	7583.36	-48.67	-13	-35.67	-67.07	-50.40	9.57	11.3	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	-52.45	-13	-39.45	-66.00	-58.49	6.56	12.60	H
	5553.27	-51.46	-13	-38.46	-67.40	-56.56	8	13.10	H
	7404.36	-47.83	-13	-34.83	-66.57	-49.56	9.57	11.30	H
	3702.18	-52.52	-13	-39.52	-65.87	-58.56	6.56	12.6	V
	5553.27	-49.25	-13	-36.25	-66.6	-54.35	8	13.1	V
	7404.36	-48.58	-13	-35.58	-66.98	-50.31	9.57	11.3	V
Middle	3742.18	-52.75	-13	-39.75	-66.30	-58.79	6.56	12.60	H
	5613.27	-52.10	-13	-39.10	-68.04	-57.20	8	13.10	H
	7484.36	-48.01	-13	-35.01	-66.75	-49.74	9.57	11.30	H
	3742.18	-52.66	-13	-39.66	-66.01	-58.70	6.56	12.6	V
	5613.27	-50.24	-13	-37.24	-67.59	-55.34	8	13.1	V
	7484.36	-47.98	-13	-34.98	-66.38	-49.71	9.57	11.3	V
Highest	3782.18	-52.81	-13	-39.81	-66.36	-58.85	6.56	12.60	H
	5673.27	-51.42	-13	-38.42	-67.36	-56.52	8	13.10	H
	7564.36	-48.30	-13	-35.30	-67.04	-50.03	9.57	11.30	H
	3782.18	-53.32	-13	-40.32	-66.67	-59.36	6.56	12.60	V
	5673.27	-49.94	-13	-36.94	-67.29	-55.04	8	13.10	V
	7564.36	-47.76	-13	-34.76	-66.16	-49.49	9.57	11.30	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.32	-45.93	-13	-32.93	-60.68	-52.35	6.18	12.60	H
	5130.48	-39.54	-13	-26.54	-57.54	-44.50	7.74	12.70	H
	6840.64	-46.80	-13	-33.80	-65.61	-49.50	9	11.70	H
	3420.32	-52.76	-13	-39.76	-63.71	-59.18	6.18	12.60	V
	5130.48	-48.35	-13	-35.35	-61.35	-53.31	7.74	12.70	V
	6840.64	-49.69	-13	-36.69	-66.4	-52.39	9	11.70	V
Middle	3463.74	-49.38	-13	-36.38	-64.13	-55.80	6.18	12.60	H
	5195.61	-45.44	-13	-32.44	-63.44	-50.40	7.74	12.70	H
	6927.48	-47.45	-13	-34.45	-66.26	-50.15	9	11.70	H
	3463.74	-54.46	-13	-41.46	-65.41	-60.88	6.18	12.60	V
	5195.61	-51.90	-13	-38.90	-64.9	-56.86	7.74	12.70	V
	6927.48	-50.95	-13	-37.95	-67.66	-53.65	9	11.70	V
Highest	3507.52	-48.80	-13	-35.80	-63.55	-55.22	6.18	12.60	H
	5261.28	-46.46	-13	-33.46	-64.46	-51.42	7.74	12.70	H
	7015.04	-48.24	-13	-35.24	-67.05	-50.94	9	11.70	H
	3507.52	-54.38	-13	-41.38	-65.33	-60.80	6.18	12.60	V
	5261.28	-52.29	-13	-39.29	-65.29	-57.25	7.74	12.70	V
	7015.04	-50.11	-13	-37.11	-66.82	-52.81	9	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	-46.86	-13	-33.86	-61.61	-53.28	6.18	12.60	H
	5130.72	-39.98	-13	-26.98	-57.98	-44.94	7.74	12.70	H
	6840.96	-45.84	-13	-32.84	-64.65	-48.54	9	11.70	H
	3420.48	-52.26	-13	-39.26	-63.21	-58.68	6.18	12.60	V
	5130.72	-47.83	-13	-34.83	-60.83	-52.79	7.74	12.70	V
	6840.96	-49.62	-13	-36.62	-66.33	-52.32	9	11.70	V
Middle	3462.48	-48.19	-13	-35.19	-62.94	-54.61	6.18	12.60	H
	5193.72	-46.19	-13	-33.19	-64.19	-51.15	7.74	12.70	H
	6924.96	-48.45	-13	-35.45	-67.26	-51.15	9	11.70	H
	3462.48	-53.69	-13	-40.69	-64.64	-60.11	6.18	12.60	V
	5193.72	-53.00	-13	-40.00	-66	-57.96	7.74	12.70	V
	6924.96	-50.52	-13	-37.52	-67.23	-53.22	9	11.70	V
Highest	3504.48	-48.73	-13	-35.73	-63.48	-55.15	6.18	12.60	H
	5256.72	-46.38	-13	-33.38	-64.38	-51.34	7.74	12.70	H
	7008.96	-47.76	-13	-34.76	-66.57	-50.46	9	11.70	H
	3504.48	-54.46	-13	-41.46	-65.41	-60.88	6.18	12.60	V
	5256.72	-51.94	-13	-38.94	-64.94	-56.90	7.74	12.70	V
	7008.96	-50.42	-13	-37.42	-67.13	-53.12	9	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	-46.75	-13	-33.75	-61.50	-53.17	6.18	12.60	H
	5131.02	-40.08	-13	-27.08	-58.08	-45.04	7.74	12.70	H
	6841.36	-46.54	-13	-33.54	-65.35	-49.24	9	11.70	H
	3420.68	-52.47	-13	-39.47	-63.42	-58.89	6.18	12.60	V
	5131.02	-48.01	-13	-35.01	-61.01	-52.97	7.74	12.70	V
	6841.36	-48.31	-13	-35.31	-65.02	-51.01	9	11.70	V
Middle	3460.68	-49.52	-13	-36.52	-64.27	-55.94	6.18	12.60	H
	5191.02	-44.75	-13	-31.75	-62.75	-49.71	7.74	12.70	H
	6921.36	-47.40	-13	-34.40	-66.21	-50.10	9	11.70	H
	3460.68	-54.37	-13	-41.37	-65.32	-60.79	6.18	12.60	V
	5191.02	-52.55	-13	-39.55	-65.55	-57.51	7.74	12.70	V
	6921.36	-50.97	-13	-37.97	-67.68	-53.67	9	11.70	V
Highest	3500.68	-46.65	-13	-33.65	-61.40	-53.07	6.18	12.60	H
	5251.02	-42.40	-13	-29.40	-60.40	-47.36	7.74	12.70	H
	7001.36	-46.30	-13	-33.30	-65.11	-49.00	9	11.70	H
	3500.68	-53.77	-13	-40.77	-64.72	-60.19	6.18	12.60	V
	5251.02	-49.48	-13	-36.48	-62.48	-54.44	7.74	12.70	V
	7001.36	-49.89	-13	-36.89	-66.6	-52.59	9	11.70	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.18	-46.39	-13	-33.39	-61.14	-52.81	6.18	12.60	H
	5131.77	-39.25	-13	-26.25	-57.25	-44.21	7.74	12.70	H
	6842.36	-45.87	-13	-32.87	-64.68	-48.57	9	11.70	H
	3421.18	-52.81	-13	-39.81	-63.76	-59.23	6.18	12.60	V
	5131.77	-47.55	-13	-34.55	-60.55	-52.51	7.74	12.70	V
	6842.36	-49.17	-13	-36.17	-65.88	-51.87	9	11.70	V
Middle	3456.18	-50.08	-13	-37.08	-64.83	-56.50	6.18	12.60	H
	5184.27	-41.71	-13	-28.71	-59.71	-46.67	7.74	12.70	H
	6912.36	-48.73	-13	-35.73	-67.54	-51.43	9	11.70	H
	3456.18	-54.73	-13	-41.73	-65.68	-61.15	6.18	12.60	V
	5184.27	-52.00	-13	-39.00	-65	-56.96	7.74	12.70	V
	6912.36	-51.31	-13	-38.31	-68.02	-54.01	9	11.70	V
Highest	3491.18	-44.79	-13	-31.79	-59.54	-51.21	6.18	12.60	H
	5236.77	-41.84	-13	-28.84	-59.84	-46.80	7.74	12.70	H
	6982.36	-46.15	-13	-33.15	-64.96	-48.85	9	11.70	H
	3491.18	-52.58	-13	-39.58	-63.53	-59.00	6.18	12.60	V
	5236.77	-49.19	-13	-36.19	-62.19	-54.15	7.74	12.70	V
	6982.36	-49.58	-13	-36.58	-66.29	-52.28	9	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	-45.99	-13	-32.99	-60.74	-52.41	6.18	12.60	H
	5132.52	-38.89	-13	-25.89	-56.89	-43.85	7.74	12.70	H
	6843.36	-46.51	-13	-33.51	-65.32	-49.21	9	11.70	H
	3421.68	-52.92	-13	-39.92	-63.87	-59.34	6.18	12.60	V
	5132.52	-47.73	-13	-34.73	-60.73	-52.69	7.74	12.70	V
	6843.36	-49.29	-13	-36.29	-66	-51.99	9	11.70	V
Middle	3451.68	-49.76	-13	-36.76	-64.51	-56.18	6.18	12.60	H
	5177.52	-44.87	-13	-31.87	-62.87	-49.83	7.74	12.70	H
	6903.36	-47.59	-13	-34.59	-66.40	-50.29	9	11.70	H
	3451.68	-54.55	-13	-41.55	-65.5	-60.97	6.18	12.60	V
	5177.52	-53.16	-13	-40.16	-66.16	-58.12	7.74	12.70	V
	6903.36	-50.30	-13	-37.30	-67.01	-53.00	9	11.70	V
Highest	3481.68	-46.63	-13	-33.63	-61.38	-53.05	6.18	12.60	H
	5222.52	-42.21	-13	-29.21	-60.21	-47.17	7.74	12.70	H
	6963.36	-47.09	-13	-34.09	-65.90	-49.79	9	11.70	H
	3481.68	-52.39	-13	-39.39	-63.34	-58.81	6.18	12.60	V
	5222.52	-49.22	-13	-36.22	-62.22	-54.18	7.74	12.70	V
	6963.36	-50.43	-13	-37.43	-67.14	-53.13	9	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	-45.60	-13	-32.60	-60.35	-52.02	6.18	12.60	H
	5133.27	-38.25	-13	-25.25	-56.25	-43.21	7.74	12.70	H
	6844.36	-45.98	-13	-32.98	-64.79	-48.68	9	11.70	H
	3422.18	-52.69	-13	-39.69	-63.64	-59.11	6.18	12.60	V
	5133.27	-47.73	-13	-34.73	-60.73	-52.69	7.74	12.70	V
	6844.36	-49.44	-13	-36.44	-66.15	-52.14	9	11.70	V
Middle	3447.18	-49.16	-13	-36.16	-63.91	-55.58	6.18	12.60	H
	5170.77	-44.10	-13	-31.10	-62.10	-49.06	7.74	12.70	H
	6894.36	-49.34	-13	-36.34	-68.15	-52.04	9	11.70	H
	3447.18	-54.45	-13	-41.45	-65.4	-60.87	6.18	12.60	V
	5170.77	-50.41	-13	-37.41	-63.41	-55.37	7.74	12.70	V
	6894.36	-51.32	-13	-38.32	-68.03	-54.02	9	11.70	V
Highest	3472.18	-47.20	-13	-34.20	-61.95	-53.62	6.18	12.60	H
	5208.27	-42.03	-13	-29.03	-60.03	-46.99	7.74	12.70	H
	6944.36	-45.89	-13	-32.89	-64.70	-48.59	9	11.70	H
	3472.18	-52.31	-13	-39.31	-63.26	-58.73	6.18	12.60	V
	5208.27	-48.40	-13	-35.40	-61.4	-53.36	7.74	12.70	V
	6944.36	-50.53	-13	-37.53	-67.24	-53.23	9	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	-42.96	-25	-17.96	-59.16	-54.72	0.94	12.70	H
	7501.02	-32.57	-25	-7.57	-54.20	-42.58	1.69	11.70	H
	10001.36	-43.37	-25	-18.37	-67.73	-54.03	1.44	12.10	H
	5000.68	-48.13	-25	-23.13	-63.88	-59.89	0.94	12.70	V
	7501.02	-35.19	-25	-10.19	-56.18	-45.20	1.69	11.70	V
	10001.36	-45.44	-25	-20.44	-68.34	-56.10	1.44	12.10	V
Middle	5065.68	-42.15	-25	-17.15	-58.35	-53.91	0.94	12.70	H
	7598.52	-34.04	-25	-9.04	-55.41	-44.05	1.69	11.70	H
	10131.36	-42.76	-25	-17.76	-67.12	-53.42	1.44	12.10	H
	5065.68	-47.24	-25	-22.24	-62.99	-59.00	0.94	12.70	V
	7598.52	-45.57	-25	-20.57	-66.56	-55.58	1.69	11.70	V
	10131.36	-45.32	-25	-20.32	-68.22	-55.98	1.44	12.10	V
Highest	5130.68	-41.95	-25	-16.95	-58.15	-53.71	0.94	12.70	H
	7696.02	-34.11	-25	-9.11	-55.48	-44.12	1.69	11.70	H
	10261.36	-42.22	-25	-17.22	-66.58	-52.88	1.44	12.10	H
	5130.68	-45.77	-25	-20.77	-61.52	-57.53	0.94	12.70	V
	7696.02	-35.20	-25	-10.20	-56.19	-45.21	1.69	11.70	V
	10261.36	-44.25	-25	-19.25	-67.15	-54.91	1.44	12.10	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.18	-42.56	-25	-17.56	-58.76	-54.32	0.94	12.70	H
	7501.77	-31.41	-25	-6.41	-53.31	-41.42	1.69	11.70	H
	10002.36	-42.66	-25	-17.66	-67.02	-53.32	1.44	12.10	H
	5001.18	-47.53	-25	-22.53	-63.28	-59.29	0.94	12.70	V
	7501.77	-34.42	-25	-9.42	-55.67	-44.43	1.69	11.70	V
	10002.36	-45.30	-25	-20.30	-68.2	-55.96	1.44	12.10	V
Middle	5061.18	-37.99	-25	-12.99	-55.62	-49.75	0.94	12.70	H
	7591.77	-31.49	-25	-6.49	-53.38	-41.50	1.69	11.70	H
	10122.36	-41.63	-25	-16.63	-65.99	-52.29	1.44	12.10	H
	5061.18	-46.04	-25	-21.04	-61.79	-57.80	0.94	12.70	V
	7591.77	-34.66	-25	-9.66	-55.8	-44.67	1.69	11.70	V
	10122.36	-43.40	-25	-18.40	-66.3	-54.06	1.44	12.10	V
Highest	5121.18	-42.46	-25	-17.46	-58.66	-54.22	0.94	12.70	H
	7681.77	-33.85	-25	-8.85	-55.24	-43.86	1.69	11.70	H
	10242.36	-41.90	-25	-16.90	-66.26	-52.56	1.44	12.10	H
	5121.18	-46.74	-25	-21.74	-62.49	-58.50	0.94	12.70	V
	7681.77	-35.84	-25	-10.84	-56.83	-45.85	1.69	11.70	V
	10242.36	-44.59	-25	-19.59	-67.49	-55.25	1.44	12.10	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.68	-42.40	-25	-17.40	-58.60	-54.16	0.94	12.70	H
	7502.52	-31.89	-25	-6.89	-53.74	-41.90	1.69	11.70	H
	10003.36	-41.28	-25	-16.28	-65.64	-51.94	1.44	12.10	H
	5001.68	-48.01	-25	-23.01	-63.76	-59.77	0.94	12.70	V
	7502.52	-35.31	-25	-10.31	-56.3	-45.32	1.69	11.70	V
	10003.36	-45.04	-25	-20.04	-67.94	-55.70	1.44	12.10	V
Middle	5056.68	-42.69	-25	-17.69	-58.89	-54.45	0.94	12.70	H
	7585.02	-34.39	-25	-9.39	-55.76	-44.40	1.69	11.70	H
	10131.36	-43.58	-25	-18.58	-67.94	-54.24	1.44	12.10	H
	5056.68	-47.44	-25	-22.44	-63.19	-59.20	0.94	12.70	V
	7585.02	-36.80	-25	-11.80	-57.79	-46.81	1.69	11.70	V
	10131.36	-45.43	-25	-20.43	-68.33	-56.09	1.44	12.10	V
Highest	5111.68	-44.32	-25	-19.32	-60.52	-56.08	0.94	12.70	H
	7667.52	-35.76	-25	-10.76	-57.13	-45.77	1.69	11.70	H
	10223.36	-41.76	-25	-16.76	-66.12	-52.42	1.44	12.10	H
	5111.68	-48.01	-25	-23.01	-63.76	-59.77	0.94	12.70	V
	7667.52	-36.40	-25	-11.40	-57.39	-46.41	1.69	11.70	V
	10223.36	-44.23	-25	-19.23	-67.13	-54.89	1.44	12.10	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002.18	-42.37	-25	-17.37	-58.57	-54.13	0.94	12.70	H
	7503.27	-32.30	-25	-7.30	-54.03	-42.31	1.69	11.70	H
	10004.36	-43.41	-25	-18.41	-67.77	-54.07	1.44	12.10	H
	5002.18	-47.60	-25	-22.60	-63.35	-59.36	0.94	12.70	V
	7503.27	-35.49	-25	-10.49	-56.48	-45.50	1.69	11.70	V
	10004.36	-45.06	-25	-20.06	-67.96	-55.72	1.44	12.10	V
Middle	5052.18	-40.22	-25	-15.22	-56.96	-51.98	0.94	12.70	H
	7578.27	-33.90	-25	-8.90	-55.28	-43.91	1.69	11.70	H
	10104.36	-42.51	-25	-17.51	-66.87	-53.17	1.44	12.10	H
	5052.18	-46.13	-25	-21.13	-61.88	-57.89	0.94	12.70	V
	7578.27	-35.74	-25	-10.74	-56.73	-45.75	1.69	11.70	V
	10104.36	-45.21	-25	-20.21	-68.11	-55.87	1.44	12.10	V
Highest	5102.18	-43.06	-25	-18.06	-59.26	-54.82	0.94	12.70	H
	7653.27	-34.74	-25	-9.74	-56.11	-44.75	1.69	11.70	H
	10204.36	-41.91	-25	-16.91	-66.27	-52.57	1.44	12.10	H
	5102.18	-47.63	-25	-22.63	-63.38	-59.39	0.94	12.70	V
	7653.27	-35.71	-25	-10.71	-56.7	-45.72	1.69	11.70	V
	10204.36	-44.30	-25	-19.30	-67.2	-54.96	1.44	12.10	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.14	-59.55	-13	-46.55	-62.38	-66.24	0.56	9.40	H
	2097.21	-56.11	-13	-43.11	-61.85	-63.82	0.74	10.60	H
	2796.28	-57.91	-13	-44.91	-66.72	-67.51	0.85	12.60	H
	1398.14	-53.13	-13	-40.13	-55.52	-59.82	0.56	9.40	V
	2097.21	-47.38	-13	-34.38	-54.46	-55.09	0.74	10.60	V
	2796.28	-57.61	-13	-44.61	-65.75	-67.21	0.85	12.60	V
Middle	1413.74	-59.83	-13	-46.83	-62.66	-66.52	0.56	9.40	H
	2120.61	-54.12	-13	-41.12	-59.86	-61.83	0.74	10.60	H
	2827.48	-57.78	-13	-44.78	-66.59	-67.38	0.85	12.60	H
	1413.74	-50.08	-13	-37.08	-53.67	-56.77	0.56	9.40	V
	2120.61	-46.37	-13	-33.37	-53.70	-54.08	0.74	10.60	V
	2827.48	-57.76	-13	-44.76	-65.90	-67.36	0.85	12.60	V
Highest	1429.34	-57.26	-13	-44.26	-60.09	-63.95	0.56	9.40	H
	2144.01	-55.23	-13	-42.23	-60.97	-62.94	0.74	10.60	H
	2858.68	-56.71	-13	-43.71	-65.52	-66.31	0.85	12.60	H
	1429.34	-50.01	-13	-37.01	-53.62	-56.70	0.56	9.40	V
	2144.01	-47.61	-13	-34.61	-54.67	-55.32	0.74	10.60	V
	2858.68	-54.75	-13	-41.75	-62.89	-64.35	0.85	12.60	V

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



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.3	-59.79	-13	-46.79	-62.62	-66.48	0.56	9.40	H
	2097.45	-57.64	-13	-44.64	-63.38	-65.35	0.74	10.60	H
	2796.6	-57.87	-13	-44.87	-66.68	-67.47	0.85	12.60	H
	1398.3	-54.00	-13	-41.00	-56.24	-60.69	0.56	9.40	V
	2097.45	-48.17	-13	-35.17	-55.13	-55.88	0.74	10.60	V
	2796.6	-58.16	-13	-45.16	-66.30	-67.76	0.85	12.60	V
Middle	1412.3	-58.90	-13	-45.90	-61.73	-65.59	0.56	9.40	H
	2118.45	-52.42	-13	-39.42	-58.16	-60.13	0.74	10.60	H
	2824.6	-57.38	-13	-44.38	-66.19	-66.98	0.85	12.60	H
	1412.3	-47.47	-13	-34.47	-51.53	-54.16	0.56	9.40	V
	2118.45	-42.82	-13	-29.82	-51.02	-50.53	0.74	10.60	V
	2824.6	-56.51	-13	-43.51	-64.65	-66.11	0.85	12.60	V
Highest	1427	-60.93	-13	-47.93	-63.76	-67.62	0.56	9.40	H
	2140.5	-57.57	-13	-44.57	-63.31	-65.28	0.74	10.60	H
	2854	-58.25	-13	-45.25	-67.06	-67.85	0.85	12.60	H
	1427	-57.56	-13	-44.56	-59.22	-64.25	0.56	9.40	V
	2140.5	-49.05	-13	-36.05	-55.64	-56.76	0.74	10.60	V
	2854	-55.76	-13	-42.76	-63.90	-65.36	0.85	12.60	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.5	-60.90	-13	-47.90	-63.73	-67.59	0.56	9.40	H
	2097.75	-56.27	-13	-43.27	-62.01	-63.98	0.74	10.60	H
	2797	-58.05	-13	-45.05	-66.86	-67.65	0.85	12.60	H
	1398.5	-55.13	-13	-42.13	-56.79	-61.82	0.56	9.40	V
	2097.75	-47.75	-13	-34.75	-54.80	-55.46	0.74	10.60	V
	2797	-58.08	-13	-45.08	-66.22	-67.68	0.85	12.60	V
Middle	1410.5	-60.48	-13	-47.48	-63.31	-67.17	0.56	9.40	H
	2115.75	-54.45	-13	-41.45	-60.19	-62.16	0.74	10.60	H
	2821	-57.97	-13	-44.97	-66.78	-67.57	0.85	12.60	H
	1410.5	-53.07	-13	-40.07	-55.47	-59.76	0.56	9.40	V
	2115.75	-42.32	-13	-29.32	-50.64	-50.03	0.74	10.60	V
	2821	-55.06	-13	-42.06	-63.20	-64.66	0.85	12.60	V
Highest	1422.5	-61.53	-13	-48.53	-64.36	-68.22	0.56	9.40	H
	2133.75	-57.87	-13	-44.87	-63.61	-65.58	0.74	10.60	H
	2845	-57.02	-13	-44.02	-65.83	-66.62	0.85	12.60	H
	1422.5	-60.50	-13	-47.50	-62.16	-67.19	0.56	9.40	V
	2133.75	-49.91	-13	-36.91	-56.40	-57.62	0.74	10.60	V
	2845	-57.63	-13	-44.63	-65.77	-67.23	0.85	12.60	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	-59.87	-13	-46.87	-62.70	-66.56	0.56	9.40	H
	2098.5	-57.04	-13	-44.04	-62.78	-64.75	0.74	10.60	H
	2798	-57.81	-13	-44.81	-66.62	-67.41	0.85	12.60	H
	1399	-56.68	-13	-43.68	-58.34	-63.37	0.56	9.40	V
	2098.5	-48.35	-13	-35.35	-55.23	-56.06	0.74	10.60	V
	2798	-57.89	-13	-44.89	-66.03	-67.49	0.85	12.60	V
Middle	1406	-58.33	-13	-45.33	-61.16	-65.02	0.56	9.40	H
	2109	-55.09	-13	-42.09	-60.83	-62.80	0.74	10.60	H
	2812	-57.54	-13	-44.54	-66.35	-67.14	0.85	12.60	H
	1406	-57.21	-13	-44.21	-58.87	-63.90	0.56	9.40	V
	2109	-46.57	-13	-33.57	-53.83	-54.28	0.74	10.60	V
	2812	-57.45	-13	-44.45	-65.59	-67.05	0.85	12.60	V
Highest	1413	-60.49	-13	-47.49	-63.32	-67.18	0.56	9.40	H
	2119.5	-53.29	-13	-40.29	-59.03	-61.00	0.74	10.60	H
	2826	-57.89	-13	-44.89	-66.70	-67.49	0.85	12.60	H
	1413	-49.85	-13	-36.85	-53.46	-56.54	0.56	9.40	V
	2119.5	-40.55	-13	-27.55	-49.16	-48.26	0.74	10.60	V
	2826	-57.87	-13	-44.87	-66.01	-67.47	0.85	12.60	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	-54.93	-13	-41.93	-57.76	-61.62	0.56	9.40	H
	2113.02	-40.45	-13	-27.45	-49.58	-48.16	0.74	10.60	H
	2817.36	-57.79	-13	-44.79	-66.60	-67.39	0.85	12.60	H
	1408.68	-51.81	-13	-38.81	-54.83	-58.50	0.56	9.40	V
	2113.02	-39.13	-13	-26.13	-47.83	-46.84	0.74	10.60	V
	2817.36	-56.83	-13	-43.83	-64.97	-66.43	0.85	12.60	V
Middle	1415.68	-47.04	-13	-34.04	-51.88	-53.73	0.56	9.40	H
	2123.58	-46.36	-13	-33.36	-54.17	-54.07	0.74	10.60	H
	2831.36	-57.36	-13	-44.36	-66.17	-66.96	0.85	12.60	H
	1415.68	-44.17	-13	-31.17	-49.09	-50.86	0.56	9.40	V
	2123.58	-39.08	-13	-26.08	-47.78	-46.79	0.74	10.60	V
	2831.36	-57.75	-13	-44.75	-65.89	-67.35	0.85	12.60	V
Highest	1422.68	-58.63	-13	-45.63	-61.46	-65.32	0.56	9.40	H
	2134.02	-46.71	-13	-33.71	-54.34	-54.42	0.74	10.60	H
	2845.36	-58.05	-13	-45.05	-66.86	-67.65	0.85	12.60	H
	1422.68	-57.80	-13	-44.80	-59.46	-64.49	0.56	9.40	V
	2134.02	-44.89	-13	-31.89	-52.77	-52.60	0.74	10.60	V
	2845.36	-58.69	-13	-45.69	-66.83	-68.29	0.85	12.60	V

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



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1409.18	-60.85	-13	-47.85	-63.68	-67.54	0.56	9.40	H
	2113.77	-43.70	-13	-30.70	-52.06	-51.41	0.74	10.60	H
	2818.36	-57.94	-13	-44.94	-66.75	-67.54	0.85	12.60	H
	3522.95	-51.63	-13	-38.63	-63.15	-61.19	0.89	12.60	H
	1409.18	-54.64	-13	-41.64	-56.51	-61.33	0.56	9.40	V
	2113.77	-35.75	-13	-22.75	-45.03	-43.46	0.74	10.60	V
	2818.36	-56.90	-13	-43.90	-65.04	-66.50	0.85	12.60	V
	3522.95	-52.32	-13	-39.32	-63.44	-61.88	0.89	12.60	V
Middle	1411.18	-60.46	-13	-47.46	-63.29	-67.15	0.56	9.40	H
	2116.77	-43.54	-13	-30.54	-51.95	-51.25	0.74	10.60	H
	2822.36	-57.47	-13	-44.47	-66.28	-67.07	0.85	12.60	H
	3527.95	-50.57	-13	-37.57	-62.09	-60.13	0.89	12.60	H
	1411.18	-50.22	-13	-37.22	-53.77	-56.91	0.56	9.40	V
	2116.77	-36.53	-13	-23.53	-45.66	-44.24	0.74	10.60	V
	2822.36	-57.74	-13	-44.74	-65.88	-67.34	0.85	12.60	V
	3527.95	-51.57	-13	-38.57	-62.69	-61.13	0.89	12.60	V
Highest	1413.18	-56.18	-13	-43.18	-59.01	-62.87	0.56	9.40	H
	2119.77	-43.78	-13	-30.78	-52.12	-51.49	0.74	10.60	H
	2826.36	-57.63	-13	-44.63	-66.44	-67.23	0.85	12.60	H
	3532.95	-51.65	-13	-38.65	-63.17	-61.21	0.89	12.60	H
	1413.18	-47.78	-13	-34.78	-51.79	-54.47	0.56	9.40	V
	2119.77	-36.67	-13	-23.67	-45.75	-44.38	0.74	10.60	V
	2826.36	-56.23	-13	-43.23	-64.37	-65.83	0.85	12.60	V
	3532.95	-52.70	-13	-39.70	-63.82	-62.26	0.89	12.60	V

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