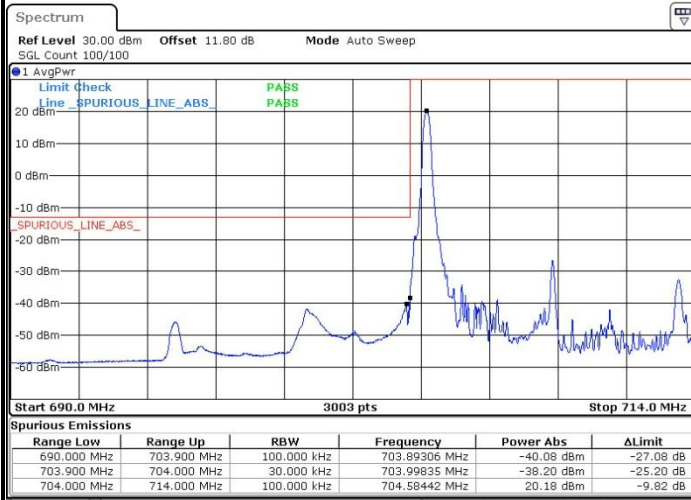


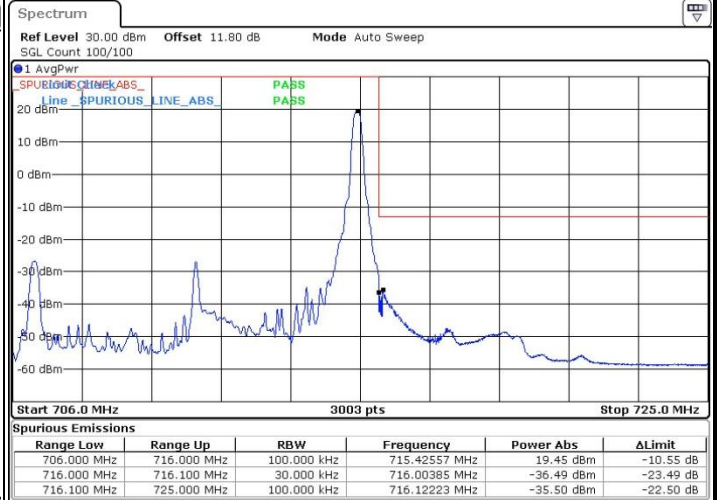


LTE Band 17 / 10MHz / 16QAM

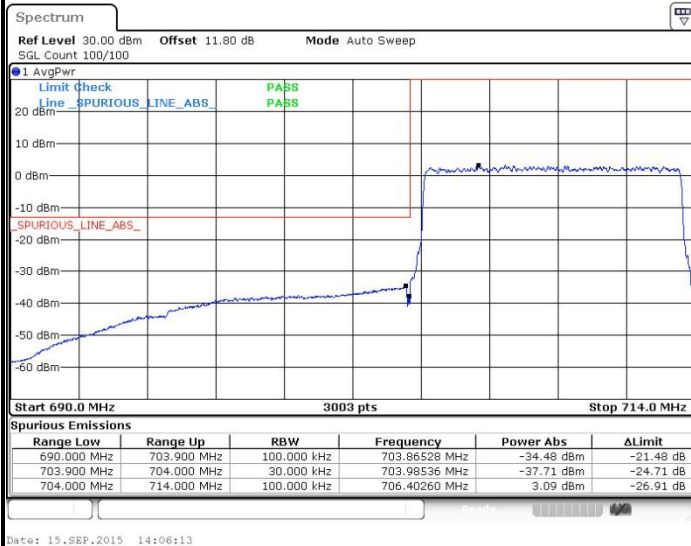
Lowest Band Edge / 1 RB



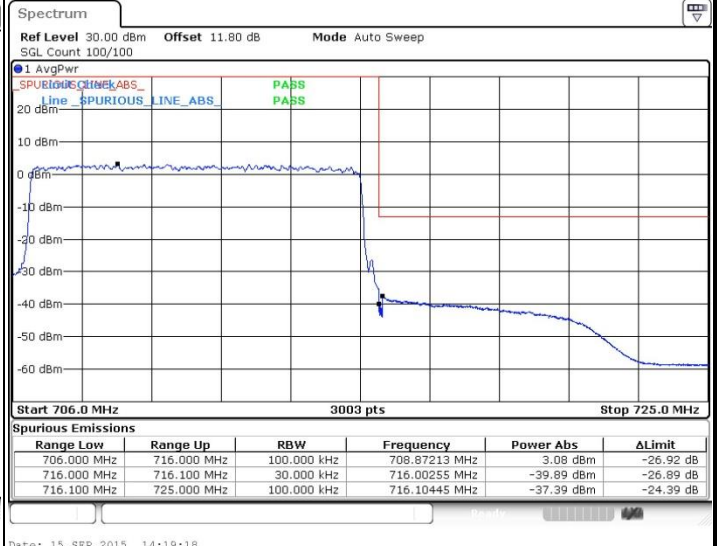
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



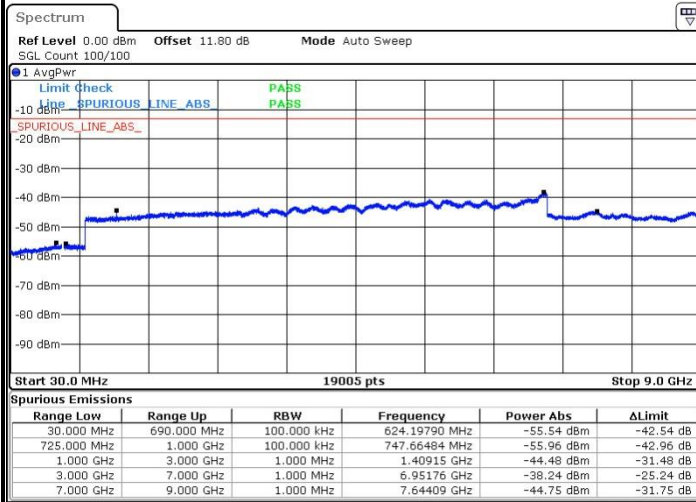


Conducted Spurious Emission



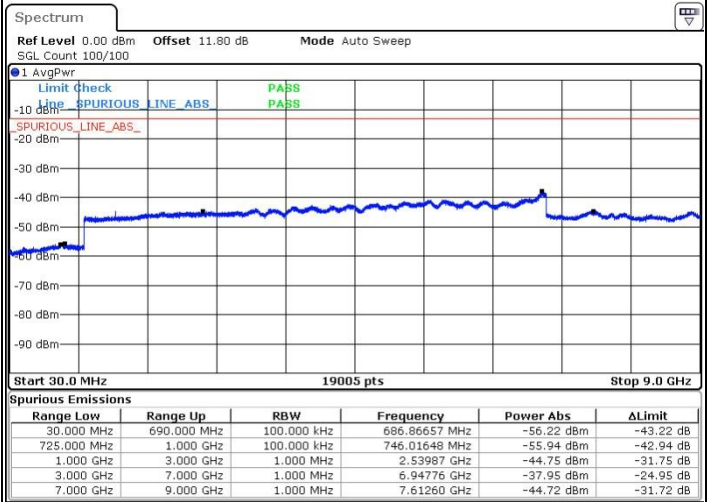
LTE Band 17 / 5MHz

Lowest Channel / QPSK



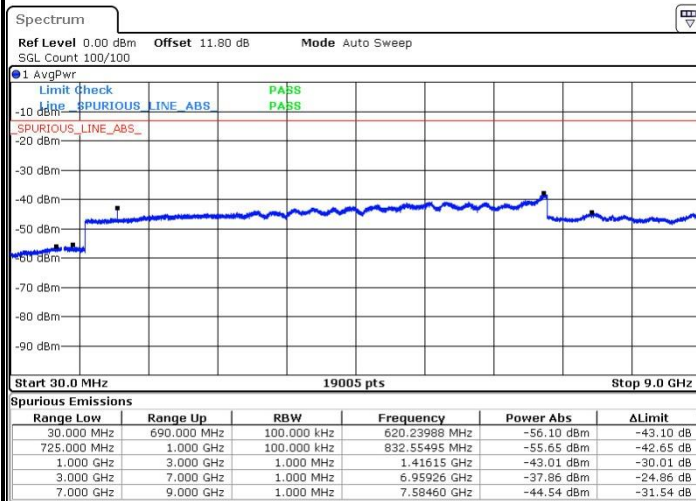
Date: 15.SEP.2015 15:48:21

Lowest Channel / 16QAM



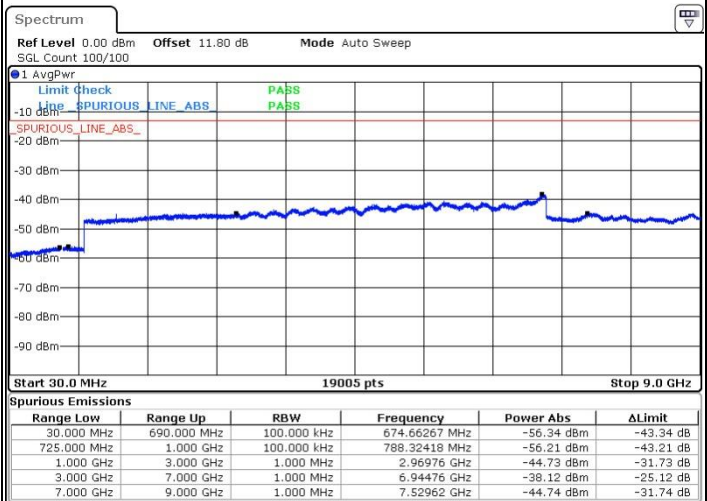
Date: 15.SEP.2015 13:44:42

Middle Channel / QPSK



Date: 15.SEP.2015 13:46:28

Middle Channel / 16QAM

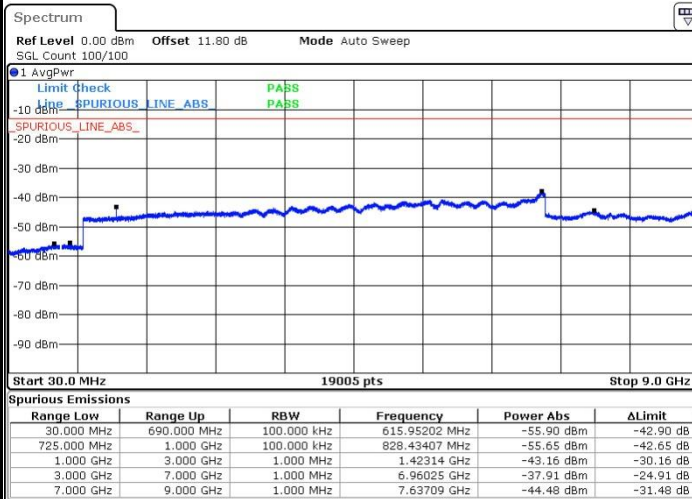


Date: 15.SEP.2015 13:47:26



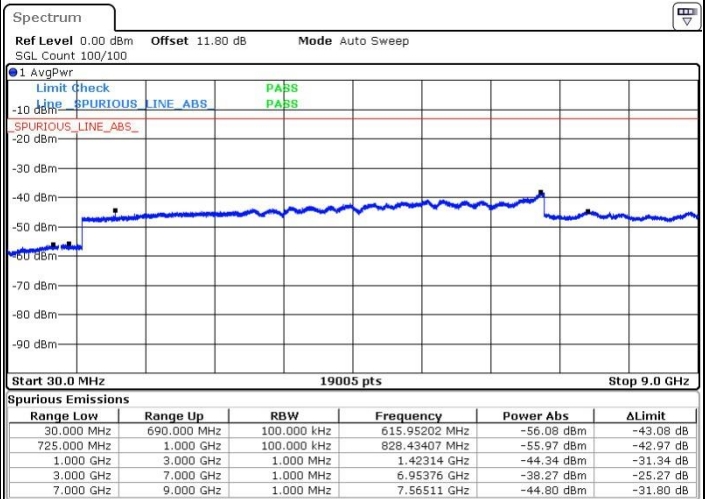
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 15.SEP.2015 13:56:49

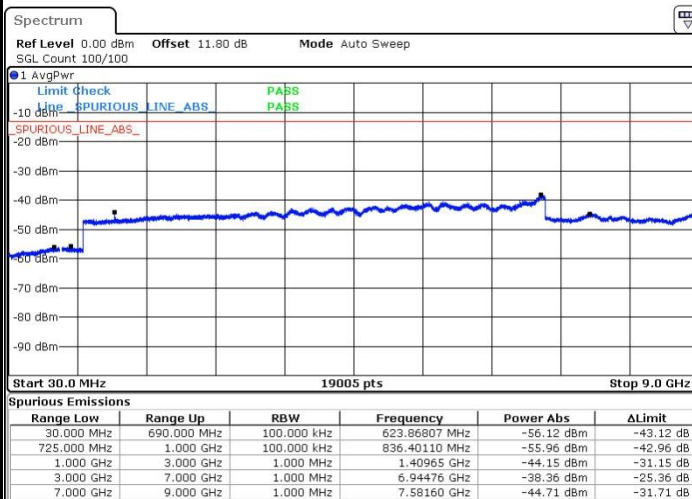
Highest Channel / 16QAM



Date: 15.SEP.2015 13:57:48

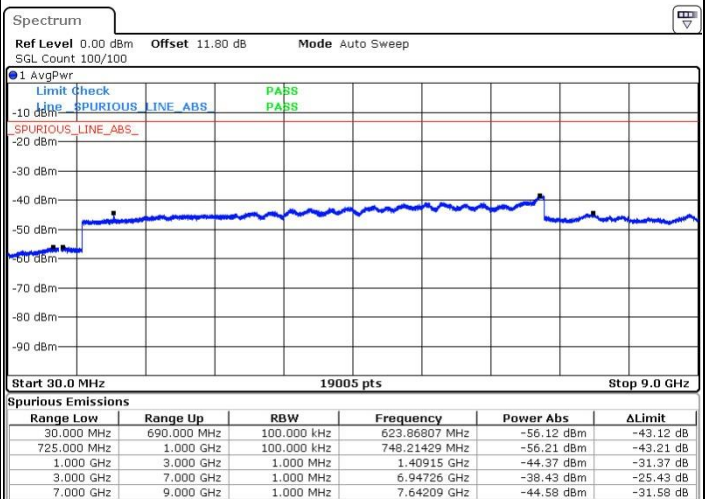
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 15.SEP.2015 14:07:11

Lowest Channel / 16QAM

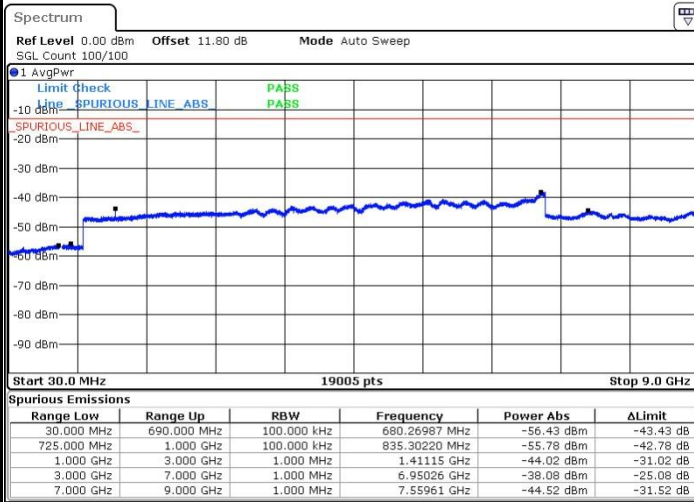


Date: 15.SEP.2015 14:08:09



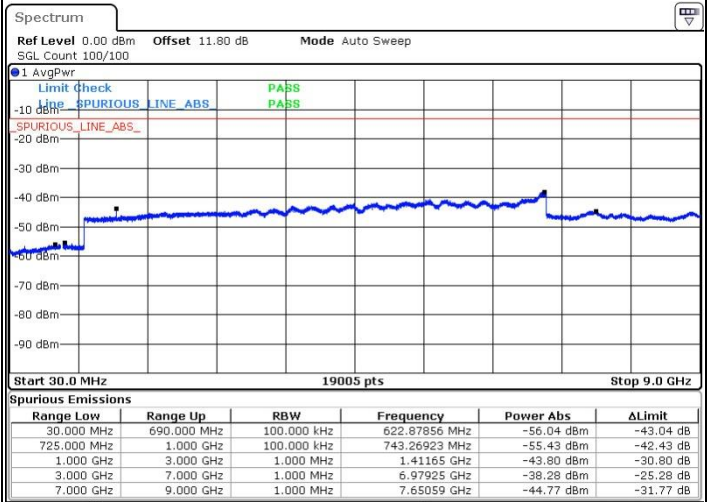
LTE Band 17 / 10MHz

Middle Channel / QPSK



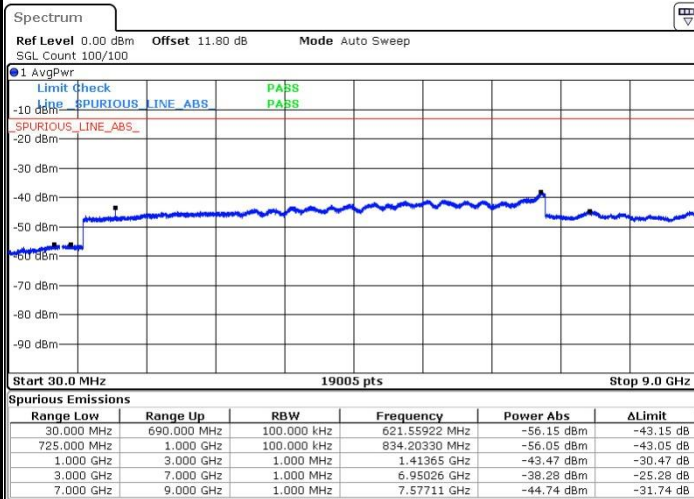
Date: 15.SEP.2015 14:09:54

Middle Channel / 16QAM



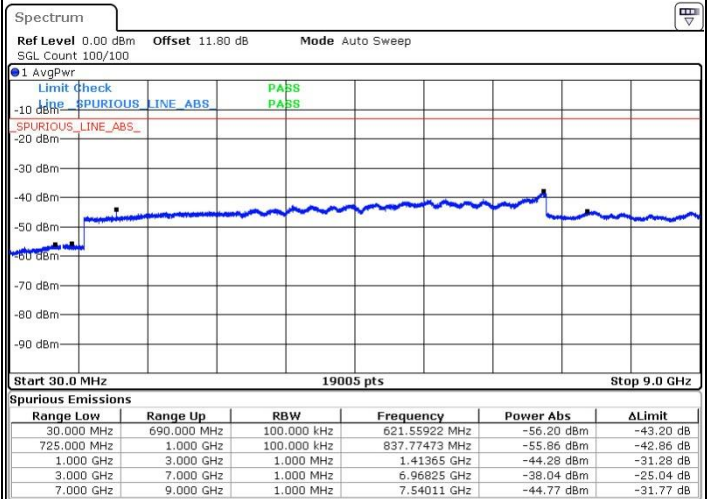
Date: 15.SEP.2015 14:10:52

Highest Channel / QPSK



Date: 15.SEP.2015 15:39:54

Highest Channel / 16QAM



Date: 15.SEP.2015 15:40:52

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	0.0087	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0093	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0104	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0086	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

ERP/EIRP



LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	15.95	0.0394	17.35	0.0543
Middle		1	0	16.84	0.0483	18.07	0.0641
Highest		1	0	18.23	0.0665	18.60	0.0724
Lowest	16QAM	1	0	16.13	0.0410	17.55	0.0569
Middle		1	0	17.06	0.0508	18.32	0.0679
Highest		1	0	17.21	0.0526	17.83	0.0607
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	15.84	0.0384	17.42	0.0552
Middle		1	0	16.71	0.0469	17.95	0.0624
Highest		1	0	18.05	0.0638	18.29	0.0675
Lowest	16QAM	1	0	15.99	0.0397	17.50	0.0562
Middle		1	0	16.94	0.0494	18.17	0.0656
Highest		1	0	18.27	0.0671	18.52	0.0711
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	15.97	0.0395	17.56	0.0570
Middle		1	0	16.90	0.0490	18.12	0.0649
Highest		1	0	17.94	0.0622	18.27	0.0671
Lowest	16QAM	1	0	16.12	0.0409	17.60	0.0575
Middle		1	0	17.03	0.0505	18.29	0.0675
Highest		1	0	18.19	0.0659	18.43	0.0697
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	16.02	0.0400	16.71	0.0469
Middle		1	0	16.90	0.0490	17.50	0.0562
Highest		1	0	17.79	0.0601	18.04	0.0637
Lowest	16QAM	1	0	16.42	0.0439	17.05	0.0507
Middle		1	0	17.21	0.0526	17.70	0.0589
Highest		1	0	18.10	0.0646	18.38	0.0689
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	16.44	0.0441	17.79	0.0601
Middle		1	0	16.79	0.0478	17.74	0.0594
Highest		1	0	17.71	0.0590	18.21	0.0662
Lowest	16QAM	1	0	16.61	0.0458	17.99	0.0630
Middle		1	0	17.00	0.0501	17.92	0.0619
Highest		1	0	17.85	0.0610	18.44	0.0698
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	16.49	0.0446	17.69	0.0587
Middle		1	0	16.79	0.0478	17.82	0.0605
Highest		1	0	17.24	0.0530	18.14	0.0652
Lowest	16QAM	1	0	16.76	0.0474	17.90	0.0617
Middle		1	0	17.10	0.0513	18.07	0.0641
Highest		1	0	17.49	0.0561	18.41	0.0693
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	0	17.76	0.0597	19.01	0.0796
Middle		1	0	17.02	0.0504	18.00	0.0631
Highest		1	0	16.77	0.0475	18.13	0.0650
Lowest	16QAM	1	0	17.85	0.0610	19.07	0.0807
Middle		1	0	17.14	0.0518	18.12	0.0649
Highest		1	0	16.97	0.0498	18.28	0.0673
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	0	17.62	0.0578	18.94	0.0783
Middle		1	0	16.57	0.0454	17.74	0.0594
Highest		1	0	16.44	0.0441	17.95	0.0624
Lowest	16QAM	1	0	17.89	0.0615	19.18	0.0828
Middle		1	0	16.77	0.0475	17.95	0.0624
Highest		1	0	16.72	0.0470	18.20	0.0661
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.48	0.0560	18.99	0.0793
Middle		1	0	16.75	0.0473	18.13	0.0650
Highest		1	0	16.73	0.0471	17.82	0.0605
Lowest	16QAM	1	0	17.72	0.0592	19.29	0.0849
Middle		1	0	16.79	0.0478	18.06	0.0640
Highest		1	0	17.10	0.0513	18.10	0.0646
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	17.73	0.0593	18.65	0.0733
Middle		1	0	16.72	0.0470	17.80	0.0603
Highest		1	0	17.05	0.0507	17.49	0.0561
Lowest	16QAM	1	0	17.97	0.0627	18.91	0.0778
Middle		1	0	16.96	0.0497	18.09	0.0644
Highest		1	0	17.33	0.0541	17.71	0.0590
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	18.05	0.0638	18.61	0.0726
Middle		1	0	17.22	0.0527	18.06	0.0640
Highest		1	0	16.82	0.0481	18.06	0.0640
Lowest	16QAM	1	0	18.27	0.0671	18.79	0.0757
Middle		1	0	17.40	0.0550	18.18	0.0658
Highest		1	0	17.05	0.0507	18.21	0.0662
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	18.13	0.0650	18.76	0.0752
Middle		1	0	17.30	0.0537	18.06	0.0640
Highest		1	0	16.91	0.0491	17.99	0.0630
Lowest	16QAM	1	0	18.35	0.0684	19.04	0.0802
Middle		1	0	17.52	0.0565	18.28	0.0673
Highest		1	0	17.09	0.0512	18.16	0.0655
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.44	0.0555	8.64	0.0073
Middle		1	0	17.31	0.0538	9.12	0.0082
Highest		1	0	17.50	0.0562	9.59	0.0091
Lowest	16QAM	1	0	16.59	0.0456	7.83	0.0061
Middle		1	0	16.51	0.0448	8.34	0.0068
Highest		1	0	16.64	0.0461	8.63	0.0073
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.34	0.0542	8.56	0.0072
Middle		1	0	17.28	0.0535	9.12	0.0082
Highest		1	0	17.37	0.0546	9.29	0.0085
Lowest	16QAM	1	0	16.52	0.0449	7.73	0.0059
Middle		1	0	16.28	0.0425	8.15	0.0065
Highest		1	0	16.42	0.0439	8.47	0.0070
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.54	0.0568	8.73	0.0075
Middle		1	0	17.34	0.0542	9.16	0.0082
Highest		1	0	17.46	0.0557	9.37	0.0086
Lowest	16QAM	1	0	16.67	0.0465	7.89	0.0062
Middle		1	0	16.42	0.0439	8.13	0.0065
Highest		1	0	16.51	0.0448	8.48	0.0070
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.52	0.0565	8.67	0.0074
Middle		1	0	17.42	0.0552	8.97	0.0079
Highest		1	0	17.36	0.0545	9.14	0.0082
Lowest	16QAM	1	0	16.81	0.0480	7.87	0.0061
Middle		1	0	16.68	0.0466	8.24	0.0067
Highest		1	0	16.56	0.0453	8.42	0.0070
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	7	20.97	0.1250	15.32	0.0340
Middle		12	7	21.22	0.1324	16.12	0.0409
Highest		12	7	21.10	0.1288	16.35	0.0432
Lowest	16QAM	1	12	21.36	0.1368	15.61	0.0364
Middle		1	12	21.50	0.1413	16.41	0.0438
Highest		1	12	21.32	0.1355	16.89	0.0489
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	21.00	0.1259	15.48	0.0353
Middle		1	49	21.21	0.1321	16.35	0.0432
Highest		1	49	20.96	0.1247	16.36	0.0433
Lowest	16QAM	1	0	21.45	0.1396	15.79	0.0379
Middle		1	0	21.32	0.1355	16.02	0.0400
Highest		1	0	21.46	0.1400	16.90	0.0490
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	20.65	0.1161	14.98	0.0315
Middle		1	37	21.11	0.1291	16.09	0.0406
Highest		1	37	20.90	0.1230	16.44	0.0441
Lowest	16QAM	1	37	21.17	0.1309	15.50	0.0355
Middle		1	37	21.50	0.1413	16.50	0.0447
Highest		1	37	21.36	0.1368	16.77	0.0475
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.83	0.1211	15.45	0.0351
Middle		1	0	21.12	0.1294	15.62	0.0365
Highest		1	0	21.39	0.1377	16.50	0.0447
Lowest	16QAM	1	0	20.98	0.1253	15.60	0.0363
Middle		1	0	21.47	0.1403	15.95	0.0394
Highest		1	0	21.79	0.1510	16.97	0.0498
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.05	0.0507	2.46	0.0018
Middle		1	0	16.79	0.0478	3.36	0.0022
Highest		1	0	16.69	0.0467	3.67	0.0023
Lowest	16QAM	1	0	16.16	0.0413	1.67	0.0015
Middle		1	0	15.95	0.0394	2.60	0.0018
Highest		1	0	15.84	0.0384	2.98	0.0020
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	16.80	0.0479	2.25	0.0017
Middle		1	0	16.81	0.0480	3.18	0.0021
Highest		1	0	16.86	0.0485	3.28	0.0021
Lowest	16QAM	1	0	16.00	0.0398	1.41	0.0014
Middle		1	0	15.94	0.0393	2.40	0.0017
Highest		1	0	15.91	0.0390	2.35	0.0017
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	17.15	0.0519	2.39	0.0017
Middle		1	0	16.97	0.0498	3.14	0.0021
Highest		1	0	17.15	0.0519	3.52	0.0022
Lowest	16QAM	1	0	16.26	0.0423	1.48	0.0014
Middle		1	0	16.19	0.0416	2.41	0.0017
Highest		1	0	16.26	0.0423	2.56	0.0018
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.11	0.0514	1.97	0.0016
Middle		1	0	16.78	0.0476	2.77	0.0019
Highest		1	0	17.06	0.0508	3.57	0.0023
Lowest	16QAM	1	0	16.45	0.0442	1.27	0.0013
Middle		1	0	15.98	0.0396	2.08	0.0016
Highest		1	0	16.38	0.0435	2.81	0.0019
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	0	17.05	0.0507	3.03	0.0020
Middle		1	0	16.89	0.0489	3.44	0.0022
Highest		1	0	17.12	0.0515	3.53	0.0023
Lowest	16QAM	1	0	16.35	0.0432	2.27	0.0017
Middle		1	0	16.11	0.0408	2.74	0.0019
Highest		1	0	16.27	0.0424	2.62	0.0018
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.25	0.0531	3.41	0.0022
Middle		1	0	17.24	0.0530	3.61	0.0023
Highest		1	0	17.11	0.0514	3.66	0.0023
Lowest	16QAM	1	0	16.48	0.0445	2.63	0.0018
Middle		1	0	16.68	0.0466	2.87	0.0019
Highest		1	0	16.49	0.0446	3.06	0.0020
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	-56.63	-13	-43.63	-75.35	-63.2	1.67	8.24	H
	5550	-55.13	-13	-42.13	-79.95	-62.2	2.65	9.72	H
	7400	-53.36	-13	-40.36	-79.65	-62.5	2.46	11.60	H
	3700	-57.33	-13	-44.33	-77.23	-63.9	1.67	8.24	V
	5550	-53.03	-13	-40.03	-78.86	-60.1	2.65	9.72	V
	7400	-51.36	-13	-38.36	-79.46	-60.5	2.46	11.60	V
Middle	3756	-57.88	-13	-44.88	-77.16	-64.5	1.68	8.31	H
	5637	-55.15	-13	-42.15	-79.82	-62.2	2.70	9.75	H
	7517	-52.51	-13	-39.51	-79.59	-61.9	2.42	11.81	H
	3756	-57.48	-13	-44.48	-77.32	-64.1	1.68	8.31	V
	5637	-54.15	-13	-41.15	-79.94	-61.2	2.70	9.75	V
	7517	-51.21	-13	-38.21	-79.56	-60.6	2.42	11.81	V
Highest	3817	-53.42	-13	-40.42	-75.99	-60.1	1.70	8.38	H
	5725	-53.06	-13	-40.06	-79.78	-60.1	2.75	9.79	H
	7634	-50.11	-13	-37.11	-79.06	-59.6	2.39	11.88	H
	3817	-53.12	-13	-40.12	-76.1	-59.8	1.70	8.38	V
	5725	-52.06	-13	-39.06	-79.88	-59.1	2.75	9.79	V
	7634	-48.11	-13	-35.11	-79.52	-57.6	2.39	11.88	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	-57.93	-13	-44.93	-76.46	-64.5	1.67	8.24	H
	5550	-55.13	-13	-42.13	-79.88	-62.2	2.65	9.72	H
	7400	-53.06	-13	-40.06	-79.59	-62.2	2.46	11.60	H
	3700	-58.93	-13	-45.93	-78.48	-65.5	1.67	8.24	V
	5550	-53.43	-13	-40.43	-79.15	-60.5	2.65	9.72	V
	7400	-51.36	-13	-38.36	-79.59	-60.5	2.46	11.60	V
Middle	3757	-58.48	-13	-45.48	-77.55	-65.1	1.68	8.31	H
	5635	-55.25	-13	-42.25	-80.04	-62.3	2.70	9.75	H
	7514	-52.52	-13	-39.52	-79.54	-61.9	2.42	11.81	H
	3757	-57.58	-13	-44.58	-77.71	-64.2	1.68	8.31	V
	5635	-54.45	-13	-41.45	-79.83	-61.5	2.70	9.75	V
	7514	-50.92	-13	-37.92	-79.47	-60.3	2.42	11.81	V
Highest	3814	-53.43	-13	-40.43	-76.1	-60.1	1.70	8.38	H
	5721	-53.16	-13	-40.16	-80.05	-60.2	2.75	9.79	H
	7628	-50.61	-13	-37.61	-79.77	-60.1	2.39	11.88	H
	3814	-53.63	-13	-40.63	-76.97	-60.3	1.70	8.38	V
	5721	-52.16	-13	-39.16	-79.98	-59.2	2.75	9.79	V
	7628	-48.61	-13	-35.61	-79.71	-58.1	2.39	11.88	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	-57.33	-13	-44.33	-76.66	-63.9	1.67	8.24	H
	5550	-55.03	-13	-42.03	-79.78	-62.1	2.65	9.72	H
	7400	-53.06	-13	-40.06	-79.61	-62.2	2.46	11.60	H
	3700	-58.23	-13	-45.23	-78.36	-64.8	1.67	8.24	V
	5550	-53.73	-13	-40.73	-79.25	-60.8	2.65	9.72	V
	7400	-51.46	-13	-38.46	-79.61	-60.6	2.46	11.60	V
Middle	3755	-57.88	-13	-44.88	-77.22	-64.5	1.68	8.31	H
	5632	-55.05	-13	-42.05	-79.67	-62.1	2.70	9.75	H
	7510	-52.72	-13	-39.72	-79.59	-62.1	2.43	11.81	H
	3755	-57.58	-13	-44.58	-77.78	-64.2	1.68	8.31	V
	5632	-54.45	-13	-41.45	-79.94	-61.5	2.70	9.75	V
	7510	-51.22	-13	-38.22	-79.62	-60.6	2.43	11.81	V
Highest	3810	-52.43	-13	-39.43	-74.87	-59.1	1.70	8.37	H
	5715	-53.46	-13	-40.46	-80.27	-60.5	2.75	9.79	H
	7620	-50.32	-13	-37.32	-79.61	-59.8	2.39	11.87	H
	3810	-52.93	-13	-39.93	-76.17	-59.6	1.70	8.37	V
	5715	-52.46	-13	-39.46	-80.21	-59.5	2.75	9.79	V
	7620	-48.62	-13	-35.62	-79.6	-58.1	2.39	11.87	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	3700	-56.53	-13	-43.53	-75.55	-63.1	1.67	8.24	H
	5550	-55.13	-13	-42.13	-80.02	-62.2	2.65	9.72	H
	7400	-53.96	-13	-40.96	-79.87	-63.1	2.46	11.60	H
	3700	-57.23	-13	-44.23	-77.39	-63.8	1.67	8.24	V
	5550	-54.03	-13	-41.03	-79.51	-61.1	2.65	9.72	V
	7400	-51.46	-13	-38.46	-79.64	-60.6	2.46	11.60	V
Middle	3750	-57.18	-13	-44.18	-76.6	-63.8	1.68	8.30	H
	5625	-55.45	-13	-42.45	-80.05	-62.5	2.70	9.75	H
	7500	-53.13	-13	-40.13	-79.94	-62.5	2.43	11.80	H
	3750	-57.88	-13	-44.88	-77.71	-64.5	1.68	8.30	V
	5625	-54.05	-13	-41.05	-79.82	-61.1	2.70	9.75	V
	7500	-51.23	-13	-38.23	-79.9	-60.6	2.43	11.80	V
Highest	3800	-51.44	-13	-38.44	-74.08	-58.1	1.70	8.36	H
	5700	-53.16	-13	-40.16	-80.22	-60.2	2.74	9.78	H
	7600	-50.64	-13	-37.64	-79.87	-60.1	2.40	11.86	H
	3800	-51.94	-13	-38.94	-75.26	-58.6	1.70	8.36	V
	5700	-52.06	-13	-39.06	-79.93	-59.1	2.74	9.78	V
	7600	-48.64	-13	-35.64	-79.88	-58.1	2.40	11.86	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	3700	-57.53	-13	-44.53	-76.47	-64.1	1.67	8.24	H
	5550	-55.23	-13	-42.23	-79.84	-62.3	2.65	9.72	H
	7400	-53.46	-13	-40.46	-79.88	-62.6	2.46	11.60	H
	3700	-58.03	-13	-45.03	-78.26	-64.6	1.67	8.24	V
	5550	-53.83	-13	-40.83	-79.72	-60.9	2.65	9.72	V
	7400	-51.66	-13	-38.66	-79.62	-60.8	2.46	11.60	V
Middle	3745	-56.29	-13	-43.29	-75.53	-62.9	1.68	8.29	H
	5618	-55.15	-13	-42.15	-79.78	-62.2	2.69	9.75	H
	7490	-53.25	-13	-40.25	-79.95	-62.6	2.43	11.78	H
	3745	-56.99	-13	-43.99	-76.93	-63.6	1.68	8.29	V
	5618	-54.45	-13	-41.45	-79.95	-61.5	2.69	9.75	V
	7490	-51.61	-13	-38.61	-79.81	-60.96	2.43	11.78	V
Highest	3790	-52.95	-13	-39.95	-75.27	-59.6	1.70	8.35	H
	5685	-53.16	-13	-40.16	-80.17	-60.2	2.73	9.77	H
	7580	-50.16	-13	-37.16	-79.59	-59.6	2.40	11.85	H
	3790	-53.95	-13	-40.95	-76.94	-60.6	1.70	8.35	V
	5685	-52.26	-13	-39.26	-79.89	-59.3	2.73	9.77	V
	7580	-48.66	-13	-35.66	-79.95	-58.1	2.40	11.85	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	3700	-56.93	-13	-43.93	-75.85	-63.5	1.67	8.24	H
	5550	-55.13	-13	-42.13	-79.8	-62.2	2.65	9.72	H
	7400	-53.36	-13	-40.36	-79.75	-62.5	2.46	11.60	H
	3700	-57.63	-13	-44.63	-77.86	-64.2	1.67	8.24	V
	5550	-54.03	-13	-41.03	-79.8	-61.1	2.65	9.72	V
	7400	-51.36	-13	-38.36	-79.65	-60.5	2.46	11.60	V
Middle	3740	-55.59	-13	-42.59	-74.84	-62.2	1.68	8.29	H
	5610	-54.84	-13	-41.84	-79.54	-61.9	2.69	9.74	H
	7480	-53.08	-13	-40.08	-79.8	-62.4	2.44	11.76	H
	3740	-56.49	-13	-43.49	-76.52	-63.1	1.68	8.29	V
	5610	-53.44	-13	-40.44	-79.13	-60.5	2.69	9.74	V
	7480	-51.28	-13	-38.28	-79.65	-60.6	2.44	11.76	V
Highest	3780	-55.76	-13	-42.76	-78.16	-62.4	1.69	8.34	H
	5670	-53.35	-13	-40.35	-80.14	-60.4	2.72	9.77	H
	7560	-50.47	-13	-37.47	-79.79	-59.9	2.41	11.84	H
	3780	-55.66	-13	-42.66	-78.41	-62.3	1.69	8.34	V
	5670	-52.45	-13	-39.45	-79.95	-59.5	2.72	9.77	V
	7560	-48.97	-13	-35.97	-80.02	-58.4	2.41	11.84	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	-49.13	-13	-36.13	-66.1	-55.2	1.58	7.65	H
	5130	-56.61	-13	-43.61	-79.37	-63.9	2.41	9.70	H
	6840	-53.53	-13	-40.53	-79.07	-61.5	2.64	10.61	H
	3420	-57.43	-13	-44.43	-75.55	-63.5	1.58	7.65	V
	5130	-55.21	-13	-42.21	-79.18	-62.5	2.41	9.70	V
	6840	-52.13	-13	-39.13	-78.96	-60.1	2.64	10.61	V
Middle	3462	-54.86	-13	-41.86	-71.85	-61.1	1.59	7.83	H
	5195	-56.55	-13	-43.55	-79.2	-63.8	2.45	9.70	H
	6927	-53.20	-13	-40.20	-78.9	-61.3	2.61	10.71	H
	3462	-58.96	-13	-45.96	-77.27	-65.2	1.59	7.83	V
	5195	-54.85	-13	-41.85	-78.59	-62.1	2.45	9.70	V
	6927	-52.80	-13	-39.80	-79.43	-60.9	2.61	10.71	V
Highest	3504	-58.50	-13	-45.50	-75.46	-64.9	1.61	8.00	H
	5261	-55.39	-13	-42.39	-78.81	-62.6	2.49	9.70	H
	7015	-53.46	-13	-40.46	-79.17	-61.7	2.59	10.83	H
	3504	-58.80	-13	-45.80	-77.35	-65.2	1.61	8.00	V
	5261	-52.39	-13	-39.39	-76.79	-59.6	2.49	9.70	V
	7015	-52.26	-13	-39.26	-79.13	-60.5	2.59	10.83	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	-50.53	-13	-37.53	-67.43	-56.6	1.58	7.65	H
	5130	-56.21	-13	-43.21	-78.98	-63.5	2.41	9.70	H
	6840	-53.83	-13	-40.83	-79.29	-61.8	2.64	10.61	H
	3420	-57.83	-13	-44.83	-75.93	-63.9	1.58	7.65	V
	5130	-55.21	-13	-42.21	-79.15	-62.5	2.41	9.70	V
	6840	-52.43	-13	-39.43	-79.28	-60.4	2.64	10.61	V
Middle	3462	-54.86	-13	-41.86	-71.73	-61.1	1.59	7.83	H
	5193	-56.25	-13	-43.25	-79	-63.5	2.45	9.70	H
	6924	-53.61	-13	-40.61	-79.22	-61.7	2.62	10.71	H
	3462	-58.96	-13	-45.96	-77.37	-65.2	1.59	7.83	V
	5193	-53.35	-13	-40.35	-77.12	-60.6	2.45	9.70	V
	6924	-52.41	-13	-39.41	-79.2	-60.5	2.62	10.71	V
Highest	3504	-59.10	-13	-46.10	-75.99	-65.5	1.61	8.00	H
	5256	-55.08	-13	-42.08	-78.53	-62.3	2.48	9.70	H
	7008	-53.57	-13	-40.57	-79.05	-61.8	2.59	10.82	H
	3504	-59.00	-13	-46.00	-77.37	-65.4	1.61	8.00	V
	5256	-52.98	-13	-39.98	-77.31	-60.2	2.48	9.70	V
	7008	-52.47	-13	-39.47	-79.01	-60.7	2.59	10.82	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	-50.43	-13	-37.43	-67.3	-56.5	1.58	7.65	H
	5131	-56.41	-13	-43.41	-79.09	-63.7	2.41	9.70	H
	6841	-53.53	-13	-40.53	-79.01	-61.5	2.64	10.61	H
	3420	-57.73	-13	-44.73	-75.92	-63.8	1.58	7.65	V
	5131	-55.31	-13	-42.31	-79.08	-62.6	2.41	9.70	V
	6841	-52.23	-13	-39.23	-78.92	-60.2	2.64	10.61	V
Middle	3462	-58.16	-13	-45.16	-74.95	-64.4	1.59	7.83	H
	5191	-56.25	-13	-43.25	-78.89	-63.5	2.45	9.70	H
	6921	-53.81	-13	-40.81	-79.23	-61.9	2.62	10.71	H
	3462	-59.16	-13	-46.16	-77.43	-65.4	1.59	7.83	V
	5191	-55.35	-13	-42.35	-79.15	-62.6	2.45	9.70	V
	6921	-52.51	-13	-39.51	-79.09	-60.6	2.62	10.71	V
Highest	3497	-57.42	-13	-44.42	-74.26	-63.8	1.60	7.99	H
	5251	-55.68	-13	-42.68	-79.14	-62.9	2.48	9.70	H
	7001	-53.39	-13	-40.39	-78.93	-61.6	2.59	10.80	H
	3497	-57.72	-13	-44.72	-76.11	-64.1	1.60	7.99	V
	5251	-53.68	-13	-40.68	-78.27	-60.9	2.48	9.70	V
	7001	-52.49	-13	-39.49	-79.18	-60.7	2.59	10.80	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	3420	-49.03	-13	-36.03	-66	-55.1	1.58	7.65	H
	5131	-56.41	-13	-43.41	-79.32	-63.7	2.41	9.70	H
	6842	-53.53	-13	-40.53	-79.09	-61.5	2.64	10.61	H
	3420	-56.83	-13	-43.83	-75.03	-62.9	1.58	7.65	V
	5131	-55.21	-13	-42.21	-78.89	-62.5	2.41	9.70	V
	6842	-52.23	-13	-39.23	-79.27	-60.2	2.64	10.61	V
Middle	3455	-55.69	-13	-42.69	-72.64	-61.9	1.59	7.80	H
	5184	-55.94	-13	-42.94	-78.6	-63.2	2.44	9.70	H
	6912	-53.72	-13	-40.72	-79.27	-61.8	2.62	10.69	H
	3455	-58.69	-13	-45.69	-76.95	-64.9	1.59	7.80	V
	5184	-53.34	-13	-40.34	-77.07	-60.6	2.44	9.70	V
	6912	-52.72	-13	-39.72	-79.3	-60.8	2.62	10.69	V
Highest	3490	-52.25	-13	-39.25	-69.2	-58.6	1.60	7.96	H
	5236	-55.87	-13	-42.87	-78.94	-63.1	2.47	9.70	H
	6982	-52.72	-13	-39.72	-78.43	-60.9	2.60	10.78	H
	3490	-57.85	-13	-44.85	-76.06	-64.2	1.60	7.96	V
	5236	-54.57	-13	-41.57	-78.66	-61.8	2.47	9.70	V
	6982	-52.02	-13	-39.02	-78.75	-60.2	2.60	10.78	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	3420	-51.53	-13	-38.53	-68.61	-57.6	1.58	7.65	H
	5132	-56.41	-13	-43.41	-79.29	-63.7	2.41	9.70	H
	6843	-53.43	-13	-40.43	-78.95	-61.4	2.64	10.61	H
	3420	-58.03	-13	-45.03	-76.24	-64.1	1.58	7.65	V
	5132	-54.81	-13	-41.81	-78.87	-62.1	2.41	9.70	V
	6843	-52.53	-13	-39.53	-79.18	-60.5	2.64	10.61	V
Middle	3448	-59.42	-13	-46.42	-76.51	-65.6	1.59	7.77	H
	5177	-56.44	-13	-43.44	-79.05	-63.7	2.44	9.70	H
	6903	-53.84	-13	-40.84	-79.47	-61.9	2.62	10.68	H
	3448	-59.22	-13	-46.22	-77.53	-65.4	1.59	7.77	V
	5177	-54.34	-13	-41.34	-78.06	-61.6	2.44	9.70	V
	6903	-52.24	-13	-39.24	-79.16	-60.3	2.62	10.68	V
Highest	3483	-52.87	-13	-39.87	-69.6	-59.2	1.60	7.93	H
	5222	-55.96	-13	-42.96	-79.18	-63.2	2.46	9.70	H
	6963	-53.35	-13	-40.35	-79.09	-61.5	2.60	10.76	H
	3483	-56.97	-13	-43.97	-75.15	-63.3	1.60	7.93	V
	5222	-54.26	-13	-41.26	-78.49	-61.5	2.46	9.70	V
	6963	-52.55	-13	-39.55	-79.13	-60.7	2.60	10.76	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	3420	-50.23	-13	-37.23	-67.06	-56.3	1.58	7.65	H
	5133	-56.21	-13	-43.21	-79.2	-63.5	2.41	9.70	H
	6844	-53.53	-13	-40.53	-79.09	-61.5	2.64	10.61	H
	3420	-57.63	-13	-44.63	-76.03	-63.7	1.58	7.65	V
	5133	-55.21	-13	-42.21	-79.13	-62.5	2.41	9.70	V
	6844	-52.43	-13	-39.43	-79.23	-60.4	2.64	10.61	V
Middle	3448	-60.12	-13	-47.12	-77.28	-66.3	1.59	7.77	H
	5170	-56.43	-13	-43.43	-79.14	-63.7	2.43	9.70	H
	6894	-53.65	-13	-40.65	-79.24	-61.7	2.62	10.67	H
	3448	-59.32	-13	-46.32	-77.66	-65.5	1.59	7.77	V
	5170	-53.93	-13	-40.93	-77.75	-61.2	2.43	9.70	V
	6894	-52.25	-13	-39.25	-78.89	-60.3	2.62	10.67	V
Highest	3469	-54.33	-13	-41.33	-71.2	-60.6	1.59	7.86	H
	5208	-56.16	-13	-43.16	-79.11	-63.4	2.46	9.70	H
	6944	-53.58	-13	-40.58	-79.16	-61.7	2.61	10.73	H
	3469	-58.43	-13	-45.43	-76.66	-64.7	1.59	7.86	V
	5208	-54.06	-13	-41.06	-77.91	-61.3	2.46	9.70	V
	6944	-52.48	-13	-39.48	-79.06	-60.6	2.61	10.73	V

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



LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-64.93	-13	-51.93	-76.04	-66.69	0.98	4.89	H
	2472	-61.11	-13	-48.11	-77.27	-62.99	1.28	5.32	H
	3296	-60.61	-13	-47.61	-77.96	-64.02	1.54	7.10	H
	1648	-64.35	-13	-51.35	-76.18	-66.11	0.98	4.89	V
	2472	-59.38	-13	-46.38	-77.12	-61.26	1.28	5.32	V
	3296	-59.41	-13	-46.41	-78.13	-62.82	1.54	7.10	V
Middle	1672	-65.01	-13	-52.01	-76.24	-66.69	0.99	4.82	H
	2505	-60.55	-13	-47.55	-77.11	-62.51	1.29	5.40	H
	3343	-60.51	-13	-47.51	-77.98	-64.11	1.56	7.31	H
	1672	-64.34	-13	-51.34	-76.07	-66.02	0.99	4.82	V
	2505	-59.48	-13	-46.48	-77.46	-61.44	1.29	5.40	V
	3343	-58.99	-13	-45.99	-78.05	-62.59	1.56	7.31	V
Highest	1695	-64.75	-13	-51.75	-76.41	-66.36	1.00	4.75	H
	2543	-60.46	-13	-47.46	-77.09	-62.44	1.30	5.43	H
	3391	-60.64	-13	-47.64	-78.16	-64.44	1.57	7.52	H
	1695	-64.41	-13	-51.41	-76.63	-66.02	1.00	4.75	V
	2543	-59.08	-13	-46.08	-77.31	-61.06	1.30	5.43	V
	3391	-59.08	-13	-46.08	-77.95	-62.88	1.57	7.52	V

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



LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-64.93	-13	-51.93	-75.92	-66.69	0.98	4.89	H
	2472	-60.56	-13	-47.56	-77.02	-62.44	1.28	5.32	H
	3296	-60.61	-13	-47.61	-78.02	-64.02	1.54	7.10	H
	1648	-64.26	-13	-51.26	-76.12	-66.02	0.98	4.89	V
	2472	-59.67	-13	-46.67	-77.35	-61.55	1.28	5.32	V
	3296	-58.98	-13	-45.98	-77.98	-62.39	1.54	7.10	V
Middle	1672	-65.01	-13	-52.01	-76.19	-66.69	0.99	4.82	H
	2505	-60.81	-13	-47.81	-77.35	-62.77	1.29	5.40	H
	3340	-60.43	-13	-47.43	-77.96	-64.02	1.55	7.30	H
	1672	-64.34	-13	-51.34	-76.18	-66.02	0.99	4.82	V
	2505	-58.92	-13	-45.92	-76.87	-60.88	1.29	5.40	V
	3340	-59.18	-13	-46.18	-78.09	-62.77	1.55	7.30	V
Highest	1692	-64.96	-13	-51.96	-76.26	-66.58	1.00	4.76	H
	2538	-60.91	-13	-47.91	-77.51	-62.89	1.30	5.43	H
	3384	-60.78	-13	-47.78	-78.16	-64.55	1.57	7.49	H
	1692	-64.39	-13	-51.39	-76.22	-66.01	1.00	4.76	V
	2538	-59.24	-13	-46.24	-77.48	-61.22	1.30	5.43	V
	3384	-59.25	-13	-46.25	-78.04	-63.02	1.57	7.49	V

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



LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-64.93	-13	-51.93	-76.03	-66.69	0.98	4.89	H
	2473	-60.99	-13	-47.99	-77.14	-62.88	1.28	5.32	H
	3297	-60.49	-13	-47.49	-77.65	-63.91	1.54	7.11	H
	1648	-64.46	-13	-51.46	-76.22	-66.22	0.98	4.89	V
	2473	-59.62	-13	-46.62	-77.33	-61.51	1.28	5.32	V
	3297	-58.91	-13	-45.91	-77.88	-62.33	1.54	7.11	V
Middle	1668	-65.33	-13	-52.33	-76.39	-67.02	0.99	4.83	H
	2504	-60.92	-13	-47.92	-77.34	-62.88	1.29	5.40	H
	3337	-60.45	-13	-47.45	-78.01	-64.03	1.55	7.28	H
	1668	-64.52	-13	-51.52	-76.36	-66.21	0.99	4.83	V
	2503	-60.59	-13	-47.59	-77.45	-62.55	1.29	5.40	V
	3337	-59.23	-13	-46.23	-78.12	-62.81	1.55	7.28	V
Highest	1688	-64.92	-13	-51.92	-76.23	-66.55	1.00	4.77	H
	2533	-60.91	-13	-47.91	-77.46	-62.89	1.30	5.43	H
	3377	-60.59	-13	-47.59	-78.16	-64.33	1.57	7.46	H
	1688	-64.03	-13	-51.03	-76.09	-65.66	1.00	4.77	V
	2533	-59.35	-13	-46.35	-77.47	-61.33	1.30	5.43	V
	3377	-59.29	-13	-46.29	-78.21	-63.03	1.57	7.46	V

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



LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-64.76	-13	-51.76	-75.81	-66.52	0.98	4.89	H
	2473	-60.99	-13	-47.99	-77.31	-62.88	1.28	5.32	H
	3298	-60.59	-13	-47.59	-77.94	-64.01	1.54	7.11	H
	1648	-64.06	-13	-51.06	-75.88	-65.82	0.98	4.89	V
	2473	-59.44	-13	-46.44	-77.08	-61.33	1.28	5.32	V
	3298	-59.17	-13	-46.17	-78.06	-62.59	1.54	7.11	V
Middle	1664	-65.18	-13	-52.18	-76.22	-66.89	0.98	4.84	H
	2496	-60.38	-13	-47.38	-77	-62.33	1.29	5.39	H
	3328	-60.48	-13	-47.48	-78.02	-64.02	1.55	7.24	H
	1664	-63.84	-13	-50.84	-75.64	-65.55	0.98	4.84	V
	2496	-59.18	-13	-46.18	-77.09	-61.13	1.29	5.39	V
	3328	-59.15	-13	-46.15	-78.08	-62.69	1.55	7.24	V
Highest	1680	-64.93	-13	-51.93	-76.11	-66.58	0.99	4.80	H
	2518	-60.55	-13	-47.55	-77.1	-62.52	1.30	5.41	H
	3358	-60.44	-13	-47.44	-77.98	-64.11	1.56	7.38	H
	1680	-64.37	-13	-51.37	-76.26	-66.02	0.99	4.80	V
	2518	-59.02	-13	-46.02	-77.03	-60.99	1.30	5.41	V
	3358	-59.14	-13	-46.14	-78.08	-62.81	1.56	7.38	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	5004	-55.32	-25	-30.32	-78.62	-62.68	2.34	9.70	H
	7501	-52.36	-25	-27.36	-79.01	-61.73	2.43	11.80	H
	10001	-51.94	-25	-26.94	-79.81	-61.44	2.70	12.20	H
	5004	-54.22	-25	-29.22	-78.66	-61.58	2.34	9.70	V
	7501	-50.85	-25	-25.85	-79.38	-60.22	2.43	11.80	V
	10001	-49.02	-25	-24.02	-79.57	-58.52	2.70	12.20	V
Middle	5064	-55.44	-25	-30.44	-78.69	-62.77	2.37	9.70	H
	7598	-51.56	-25	-26.56	-79.02	-61.02	2.40	11.86	H
	10131	-52.21	-25	-27.21	-80.49	-61.77	2.70	12.25	H
	5064	-54.06	-25	-29.06	-78.55	-61.39	2.37	9.70	V
	7598	-50.32	-25	-25.32	-79.45	-59.78	2.40	11.86	V
	10131	-49.46	-25	-24.46	-80.2	-59.02	2.70	12.25	V
Highest	5136	-54.51	-25	-29.51	-77.88	-61.79	2.42	9.70	H
	7696	-51.33	-25	-26.33	-78.72	-60.88	2.37	11.92	H
	10261	-51.45	-25	-26.45	-80.15	-61.06	2.69	12.30	H
	5136	-53.94	-25	-28.94	-78.52	-61.22	2.42	9.70	V
	7696	-49.78	-25	-24.78	-78.77	-59.33	2.37	11.92	V
	10261	-48.83	-25	-23.83	-80.05	-58.44	2.69	12.30	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	5004	-55.31	-25	-30.31	-78.63	-62.67	2.34	9.70	H
	7501	-52.39	-25	-27.39	-79.21	-61.76	2.43	11.80	H
	10002	-52.51	-25	-27.51	-80.16	-62.01	2.70	12.20	H
	5004	-54.41	-25	-29.41	-78.72	-61.77	2.34	9.70	V
	7501	-50.65	-25	-25.65	-79.17	-60.02	2.43	11.80	V
	10002	-49.53	-25	-24.53	-80	-59.03	2.70	12.20	V
Middle	5064	-55.06	-25	-30.06	-78.48	-62.39	2.37	9.70	H
	7591	-51.57	-25	-26.57	-79.13	-61.02	2.40	11.85	H
	10122	-52.04	-25	-27.04	-80.39	-61.59	2.70	12.25	H
	5064	-54.69	-25	-29.69	-79	-62.02	2.37	9.70	V
	7591	-49.77	-25	-24.77	-79	-59.22	2.40	11.85	V
	10122	-49.56	-25	-24.56	-80.5	-59.11	2.70	12.25	V
Highest	5124	-55.13	-25	-30.13	-78.52	-62.42	2.41	9.70	H
	7681	-51.34	-25	-26.34	-78.71	-60.88	2.37	11.91	H
	10242	-51.32	-25	-26.32	-79.83	-60.92	2.69	12.30	H
	5124	-54.38	-25	-29.38	-78.8	-61.67	2.41	9.70	V
	7681	-49.57	-25	-24.57	-78.64	-59.11	2.37	11.91	V
	10242	-48.51	-25	-23.51	-79.68	-58.11	2.69	12.30	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	5004	-55.41	-25	-30.41	-78.78	-62.77	2.34	9.70	H
	7502	-52.29	-25	-27.29	-79.1	-61.66	2.43	11.80	H
	10003	-52.16	-25	-27.16	-80.09	-61.66	2.70	12.20	H
	5004	-54.67	-25	-29.67	-79.02	-62.03	2.34	9.70	V
	7502	-50.96	-25	-25.96	-79.54	-60.33	2.43	11.80	V
	10003	-49.72	-25	-24.72	-80.25	-59.22	2.70	12.20	V
Middle	5052	-55.69	-25	-30.69	-79.22	-63.02	2.37	9.70	H
	7585	-51.88	-25	-26.88	-79.29	-61.33	2.40	11.85	H
	10113	-52.33	-25	-27.33	-80.37	-61.88	2.70	12.25	H
	5052	-54.69	-25	-29.69	-78.96	-62.02	2.37	9.70	V
	7585	-50.43	-25	-25.43	-79.49	-59.88	2.40	11.85	V
	10113	-49.67	-25	-24.67	-80.49	-59.22	2.70	12.25	V
Highest	5112	-55.44	-25	-30.44	-78.92	-62.74	2.40	9.70	H
	7667	-50.81	-25	-25.81	-78.25	-60.33	2.38	11.90	H
	10223	-51.63	-25	-26.63	-80.15	-61.22	2.69	12.29	H
	5112	-54.37	-25	-29.37	-78.81	-61.67	2.40	9.70	V
	7667	-49.71	-25	-24.71	-78.72	-59.23	2.38	11.90	V
	10223	-48.96	-25	-23.96	-80.06	-58.55	2.69	12.29	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	5004	-55.03	-25	-30.03	-78.52	-62.39	2.34	9.70	H
	7503	-52.51	-25	-27.51	-79.26	-61.88	2.43	11.80	H
	10004	-52.29	-25	-27.29	-80.23	-61.79	2.70	12.20	H
	5004	-54.67	-25	-29.67	-79.13	-62.03	2.34	9.70	V
	7502	-50.96	-25	-25.96	-79.53	-60.33	2.43	11.80	V
	10004	-49.76	-25	-24.76	-80.26	-59.26	2.70	12.20	V
Middle	5052	-55.78	-25	-30.78	-79.07	-63.11	2.37	9.70	H
	7578	-52.07	-25	-27.07	-79.47	-61.51	2.40	11.85	H
	10104	-52.33	-25	-27.33	-80.39	-61.88	2.70	12.24	H
	5052	-54.73	-25	-29.73	-79.2	-62.06	2.37	9.70	V
	7578	-50.34	-25	-25.34	-79.25	-59.78	2.40	11.85	V
	10104	-49.67	-25	-24.67	-80.47	-59.22	2.70	12.24	V
Highest	5100	-55.75	-25	-30.75	-79.13	-63.06	2.39	9.70	H
	7653	-51.37	-25	-26.37	-78.79	-60.88	2.38	11.89	H
	10204	-51.73	-25	-26.73	-80.29	-61.32	2.70	12.28	H
	5100	-54.81	-25	-29.81	-79.23	-62.12	2.39	9.70	V
	7653	-49.65	-25	-24.65	-78.77	-59.16	2.38	11.89	V
	10204	-49.29	-25	-24.29	-80.23	-58.88	2.70	12.28	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	-65.55	-13	-52.55	-75.41	-67.20	0.87	4.67	H
	2097	-63.22	-13	-50.22	-76.96	-64.10	1.16	4.19	H
	2796	-60.20	-13	-47.20	-77.06	-62.30	1.38	5.64	H
	1398	-64.25	-13	-51.25	-74.44	-65.90	0.87	4.67	V
	2097	-61.22	-13	-48.22	-76.65	-62.10	1.16	4.19	V
	2796	-59.40	-13	-46.40	-77.16	-61.50	1.38	5.64	V
Middle	1414	-65.36	-13	-52.36	-75.30	-67.10	0.87	4.77	H
	2120	-62.96	-13	-49.96	-76.75	-63.90	1.17	4.26	H
	2827	-60.68	-13	-47.68	-77.35	-62.80	1.39	5.66	H
	1414	-65.36	-13	-52.36	-75.24	-67.10	0.87	4.77	V
	2120	-61.56	-13	-48.56	-76.81	-62.50	1.17	4.26	V
	2827	-59.18	-13	-46.18	-77.33	-61.30	1.39	5.66	V
Highest	1429	-64.87	-13	-51.87	-74.82	-66.70	0.88	4.86	H
	2144	-62.70	-13	-49.70	-76.59	-63.70	1.18	4.33	H
	2858	-60.37	-13	-47.37	-77.21	-62.50	1.40	5.69	H
	1432	-64.35	-13	-51.35	-74.84	-66.20	0.88	4.88	V
	2144	-61.40	-13	-48.40	-76.91	-62.40	1.18	4.33	V
	2858	-59.37	-13	-46.37	-77.27	-61.50	1.40	5.69	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	1400	-65.03	-13	-52.03	-74.94	-66.69	0.87	4.68	H
	2097	-63.01	-13	-50.01	-76.85	-63.89	1.16	4.19	H
	2796	-60.58	-13	-47.58	-77.19	-62.68	1.38	5.64	H
	1400	-65.37	-13	-52.37	-75.21	-67.03	0.87	4.68	V
	2097	-61.44	-13	-48.44	-76.97	-62.32	1.16	4.19	V
	2796	-59.21	-13	-46.21	-77.28	-61.31	1.38	5.64	V
Middle	1408	-64.98	-13	-51.98	-74.95	-66.69	0.87	4.73	H
	2118	-63.09	-13	-50.09	-76.84	-64.02	1.17	4.25	H
	2824	-60.32	-13	-47.32	-77.20	-62.44	1.39	5.66	H
	1408	-64.84	-13	-51.84	-74.92	-66.55	0.87	4.73	V
	2118	-60.09	-13	-47.09	-76.37	-61.02	1.17	4.25	V
	2824	-59.54	-13	-46.54	-77.35	-61.66	1.39	5.66	V
Highest	1424	-65.22	-13	-52.22	-75.24	-67.02	0.88	4.83	H
	2139	-63.03	-13	-50.03	-76.82	-64.02	1.18	4.32	H
	2852	-60.26	-13	-47.26	-77.26	-62.39	1.40	5.68	H
	1424	-64.89	-13	-51.89	-75.12	-66.69	0.88	4.83	V
	2139	-61.34	-13	-48.34	-76.88	-62.33	1.18	4.32	V
	2852	-59.23	-13	-46.23	-77.22	-61.36	1.40	5.68	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	-64.94	-13	-51.94	-74.99	-66.59	0.87	4.67	H
	2097	-63.04	-13	-50.04	-76.89	-63.92	1.16	4.19	H
	2796	-60.58	-13	-47.58	-77.28	-62.68	1.38	5.64	H
	1398	-65.38	-13	-52.38	-75.32	-67.03	0.87	4.67	V
	2097	-61.45	-13	-48.45	-76.85	-62.33	1.16	4.19	V
	2796	-59.67	-13	-46.67	-77.56	-61.77	1.38	5.64	V
Middle	1408	-65.41	-13	-52.41	-75.14	-67.12	0.87	4.73	H
	2115	-63.09	-13	-50.09	-76.70	-64.01	1.17	4.25	H
	2820	-60.91	-13	-47.91	-77.48	-63.02	1.39	5.66	H
	1408	-65.41	-13	-52.41	-75.41	-67.12	0.87	4.73	V
	2115	-61.41	-13	-48.41	-76.83	-62.33	1.17	4.25	V
	2820	-59.18	-13	-46.18	-77.15	-61.29	1.39	5.66	V
Highest	1424	-65.23	-13	-52.23	-75.28	-67.03	0.88	4.83	H
	2133	-62.91	-13	-49.91	-76.62	-63.88	1.18	4.30	H
	2844	-60.54	-13	-47.54	-77.37	-62.67	1.40	5.68	H
	1424	-64.06	-13	-51.06	-74.30	-65.86	0.88	4.83	V
	2133	-61.36	-13	-48.36	-76.97	-62.33	1.18	4.30	V
	2844	-59.20	-13	-46.20	-77.30	-61.33	1.40	5.68	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	1400	-64.89	-13	-51.89	-74.89	-66.55	0.87	4.68	H
	2097	-63.14	-13	-50.14	-77.08	-64.02	1.16	4.19	H
	2796	-60.55	-13	-47.55	-77.40	-62.65	1.38	5.64	H
	1400	-65.47	-13	-52.47	-75.48	-67.13	0.87	4.68	V
	2097	-61.45	-13	-48.45	-76.95	-62.33	1.16	4.19	V
	2796	-59.58	-13	-46.58	-77.47	-61.68	1.38	5.64	V
Middle	1406	-65.22	-13	-52.22	-75.17	-66.92	0.87	4.72	H
	2108	-62.12	-13	-49.12	-76.77	-63.03	1.17	4.22	H
	2810	-60.67	-13	-47.67	-77.48	-62.78	1.39	5.65	H
	1406	-64.72	-13	-51.72	-74.85	-66.42	0.87	4.72	V
	2108	-61.22	-13	-48.22	-76.77	-62.13	1.17	4.22	V
	2810	-59.57	-13	-46.57	-77.57	-61.68	1.39	5.65	V
Highest	1416	-65.28	-13	-52.28	-75.13	-67.03	0.87	4.78	H
	2118	-63.18	-13	-50.18	-76.96	-64.11	1.17	4.25	H
	2824	-60.55	-13	-47.55	-77.31	-62.67	1.39	5.66	H
	1416	-65.13	-13	-52.13	-75.12	-66.88	0.87	4.78	V
	2118	-61.51	-13	-48.51	-76.99	-62.44	1.17	4.25	V
	2824	-59.56	-13	-46.56	-77.50	-61.68	1.39	5.66	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	-65.09	-13	-52.09	-74.83	-66.80	0.87	4.73	H
	2112	-62.88	-13	-49.88	-76.52	-63.80	1.17	4.24	H
	2816	-60.29	-13	-47.29	-77.08	-62.40	1.39	5.65	H
	1408	-65.09	-13	-52.09	-74.69	-66.80	0.87	4.73	V
	2112	-60.98	-13	-47.98	-76.48	-61.90	1.17	4.24	V
	2816	-59.19	-13	-46.19	-76.95	-61.30	1.39	5.65	V
Middle	1415	-65.15	-13	-52.15	-74.88	-66.90	0.87	4.77	H
	2123	-62.85	-13	-49.85	-76.60	-63.80	1.17	4.27	H
	2830	-60.48	-13	-47.48	-77.26	-62.60	1.39	5.66	H
	1415	-64.95	-13	-51.95	-74.99	-66.70	0.87	4.77	V
	2123	-61.25	-13	-48.25	-76.51	-62.20	1.17	4.27	V
	2830	-59.08	-13	-46.08	-77.06	-61.20	1.39	5.66	V
Highest	1422	-65.11	-13	-52.11	-75.16	-66.90	0.88	4.82	H
	2133	-63.13	-13	-50.13	-76.74	-64.10	1.18	4.30	H
	2844	-60.37	-13	-47.37	-77.25	-62.50	1.40	5.68	H
	1422	-65.21	-13	-52.21	-75.00	-67.00	0.88	4.82	V
	2133	-61.33	-13	-48.33	-76.92	-62.30	1.18	4.30	V
	2844	-59.57	-13	-46.57	-77.40	-61.70	1.40	5.68	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	1408	-64.89	-13	-51.89	-74.70	-66.60	0.87	4.73	H
	2112	-62.78	-13	-49.78	-76.68	-63.70	1.17	4.24	H
	2816	-60.29	-13	-47.29	-77.11	-62.40	1.39	5.65	H
	1408	-65.09	-13	-52.09	-74.89	-66.80	0.87	4.73	V
	2112	-60.98	-13	-47.98	-76.50	-61.90	1.17	4.24	V
	2816	-59.29	-13	-46.29	-77.33	-61.40	1.39	5.65	V
Middle	1410	-64.68	-13	-51.68	-74.87	-66.40	0.87	4.74	H
	2115	-62.68	-13	-49.68	-76.47	-63.60	1.17	4.25	H
	2820	-60.59	-13	-47.59	-77.19	-62.70	1.39	5.66	H
	1410	-64.78	-13	-51.78	-74.96	-66.50	0.87	4.74	V
	2115	-60.88	-13	-47.88	-76.50	-61.80	1.17	4.25	V
	2820	-58.79	-13	-45.79	-77.03	-60.90	1.39	5.66	V
Highest	1412	-65.07	-13	-52.07	-75.09	-66.80	0.87	4.75	H
	2118	-63.17	-13	-50.17	-76.79	-64.10	1.17	4.25	H
	2824	-60.68	-13	-47.68	-77.20	-62.80	1.39	5.66	H
	1412	-64.87	-13	-51.87	-74.69	-66.60	0.87	4.75	V
	2118	-61.97	-13	-48.97	-76.52	-62.90	1.17	4.25	V
	2824	-59.58	-13	-46.58	-77.29	-61.70	1.39	5.66	V

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