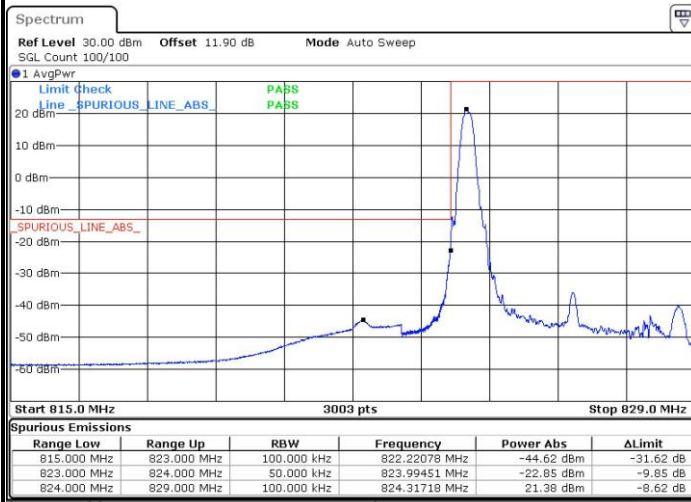




LTE Band 5 / 5MHz / QPSK

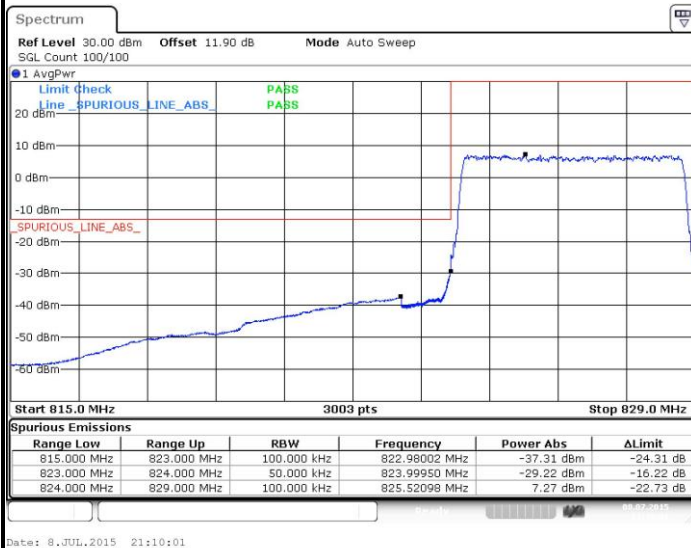
Lowest Band Edge / 1 RB



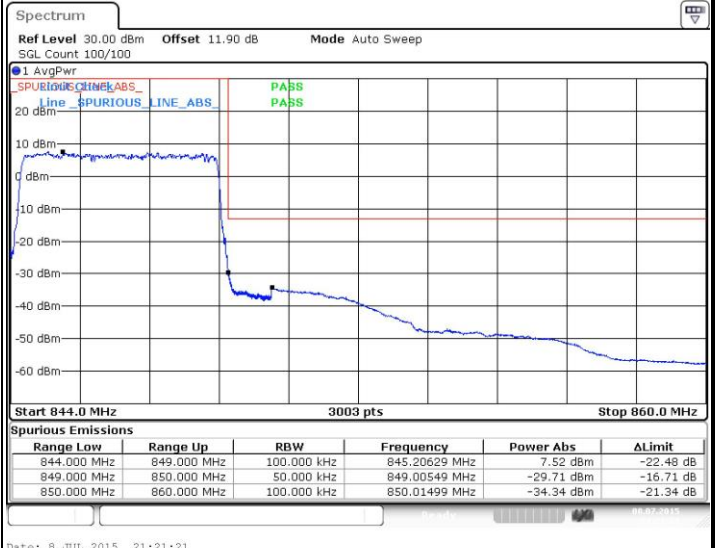
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



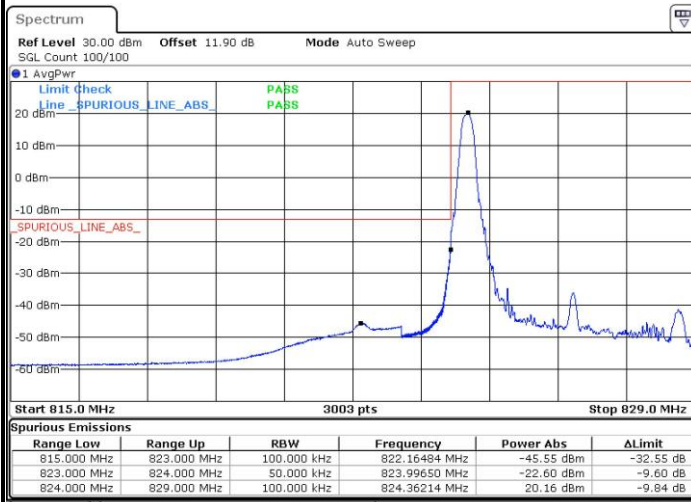
Highest Band Edge / Full RB



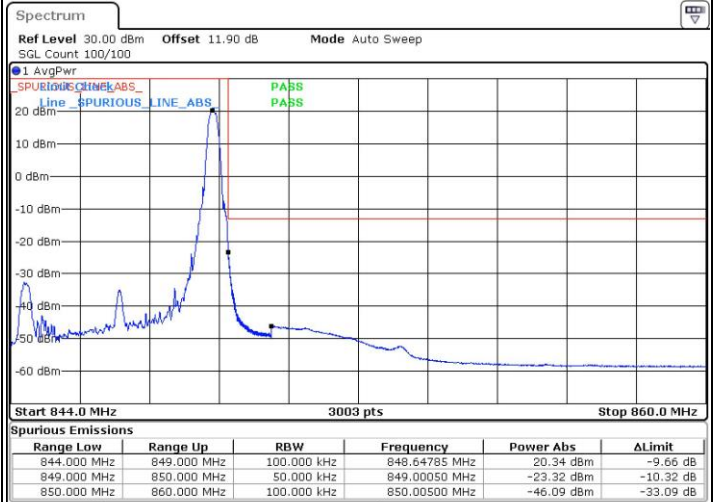


LTE Band 5 / 5MHz / 16QAM

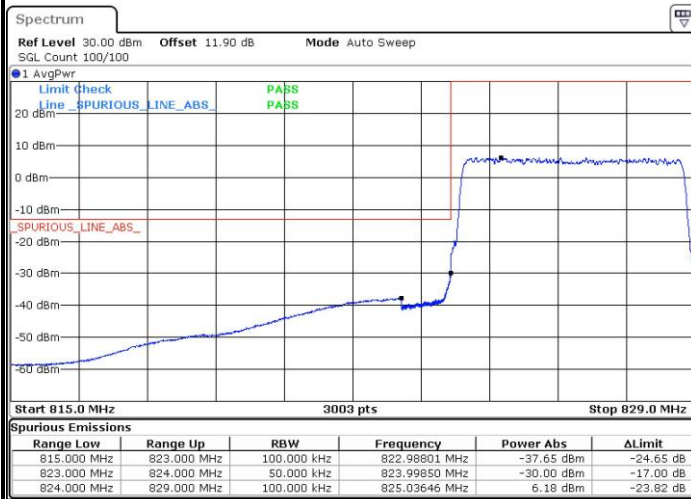
Lowest Band Edge / 1RB



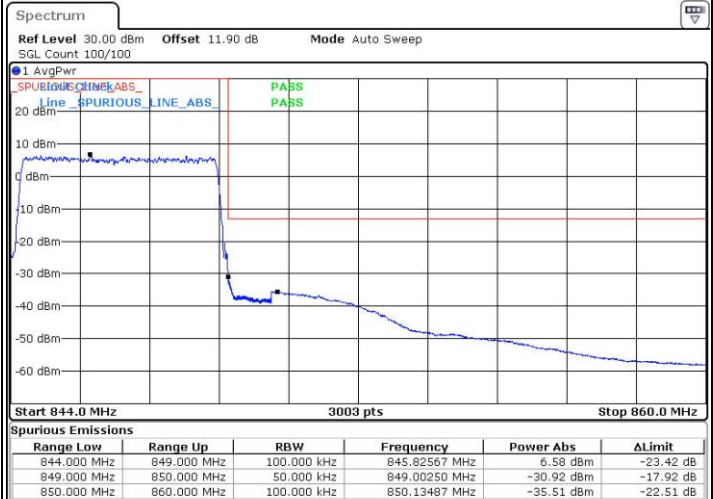
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



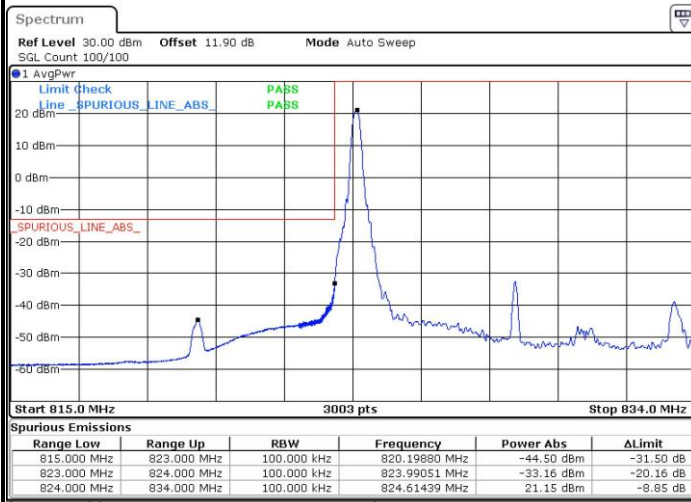
Highest Band Edge / Full RB



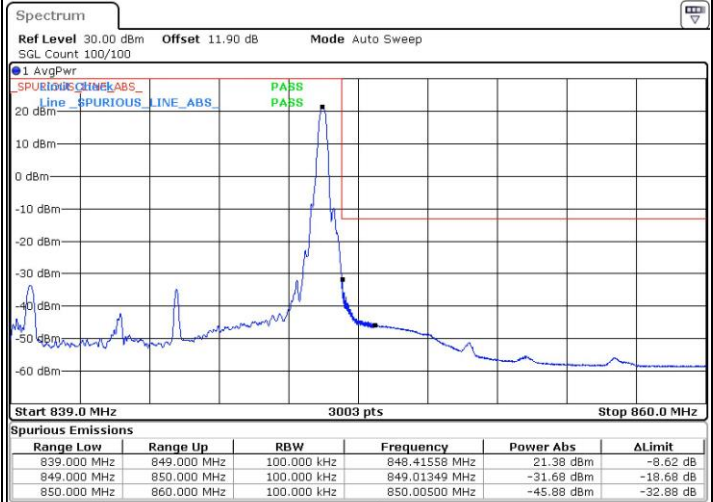


LTE Band 5 / 10MHz / QPSK

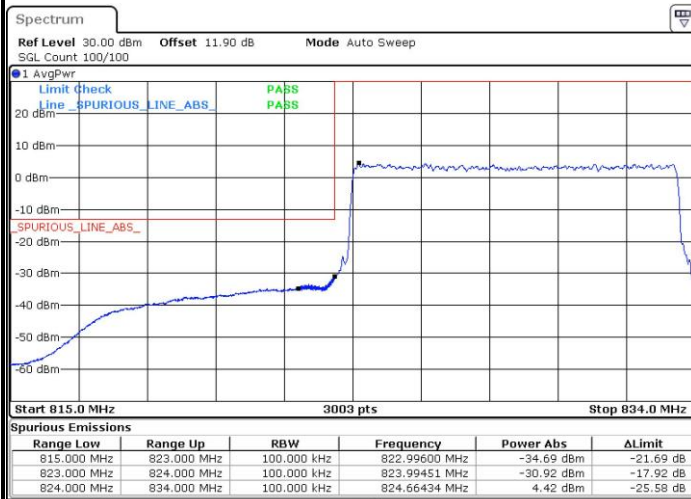
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



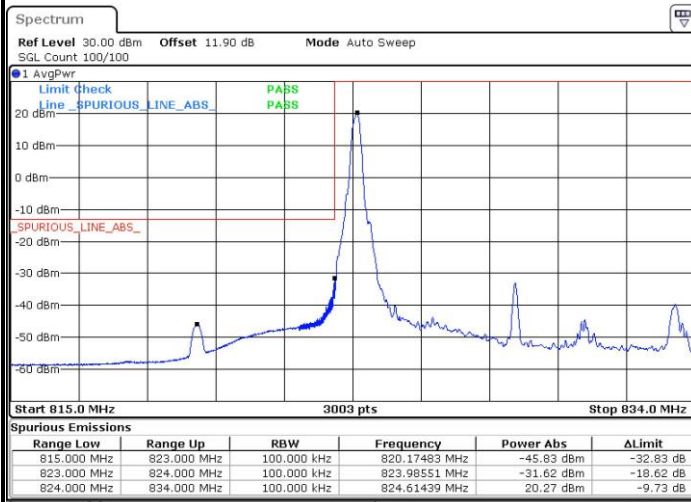
Highest Band Edge / Full RB



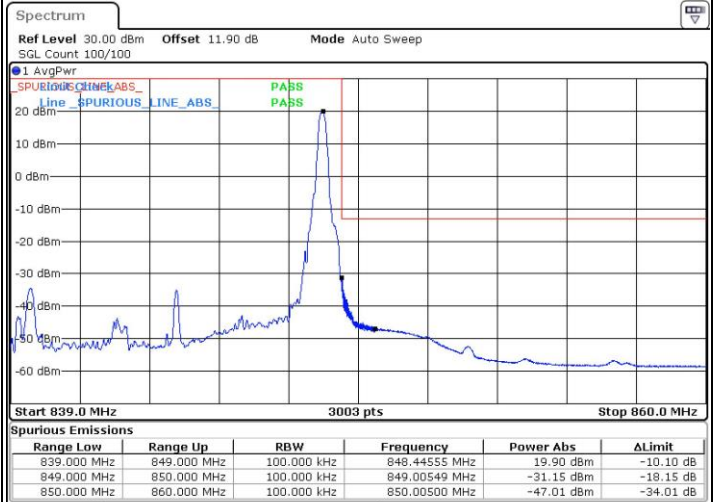


LTE Band 5 / 10MHz / 16QAM

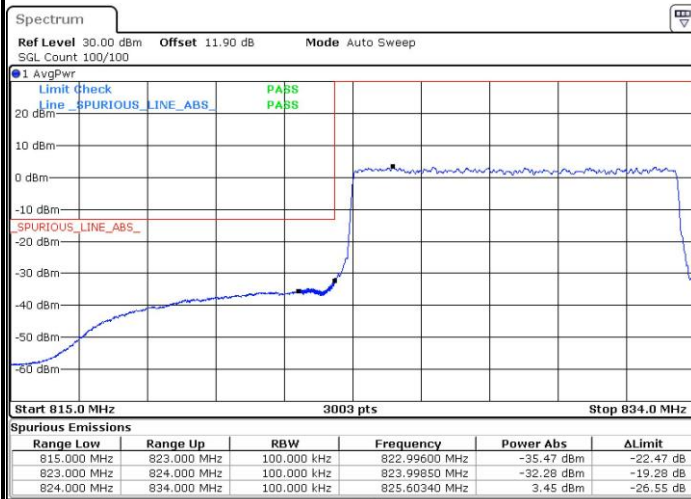
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



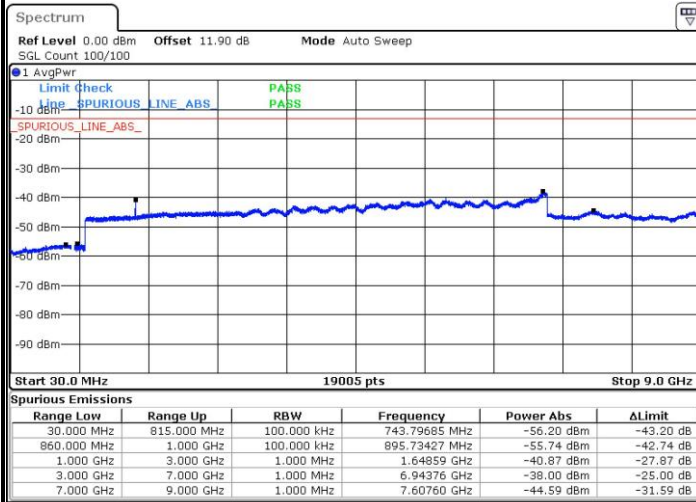


Conducted Spurious Emission



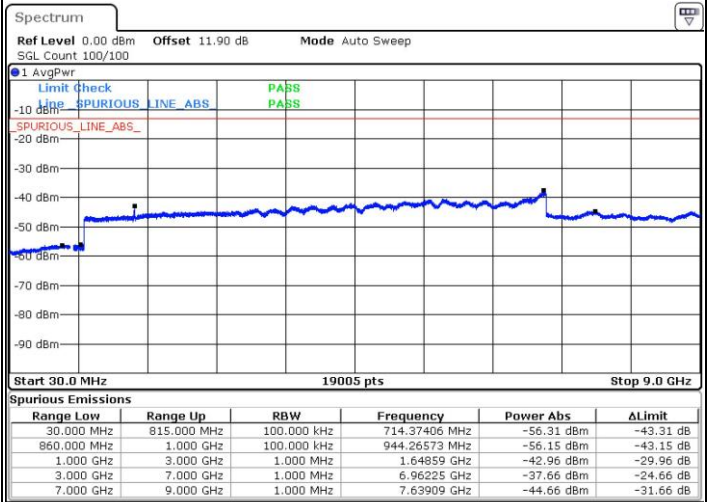
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



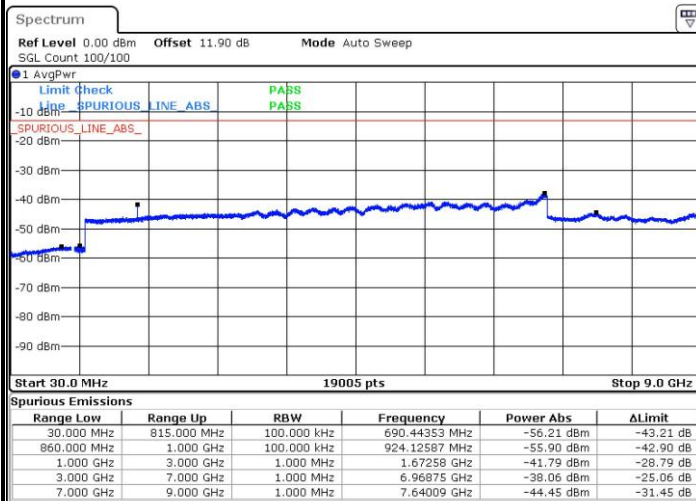
Date: 8.JUL.2015 20:32:42

Lowest Channel / 16QAM



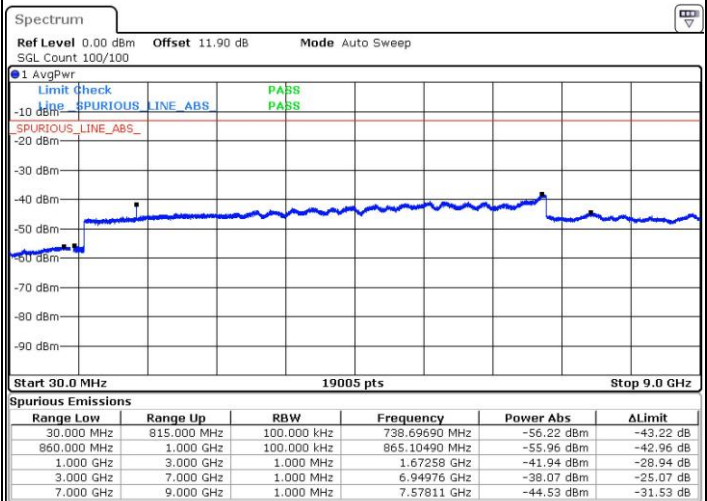
Date: 8.JUL.2015 20:33:56

Middle Channel / QPSK



Date: 8.JUL.2015 20:36:02

Middle Channel / 16QAM

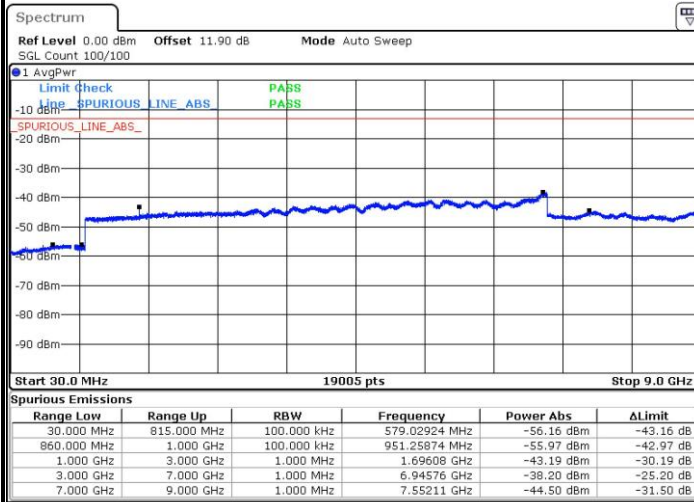


Date: 8.JUL.2015 20:37:16



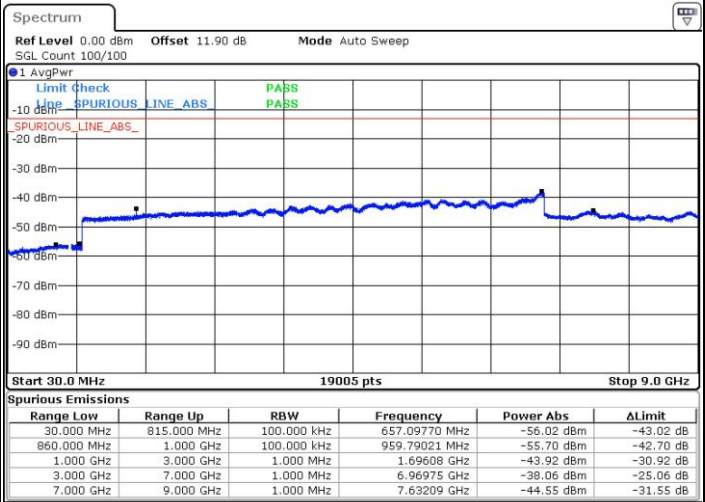
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 8.JUL.2015 20:45:00

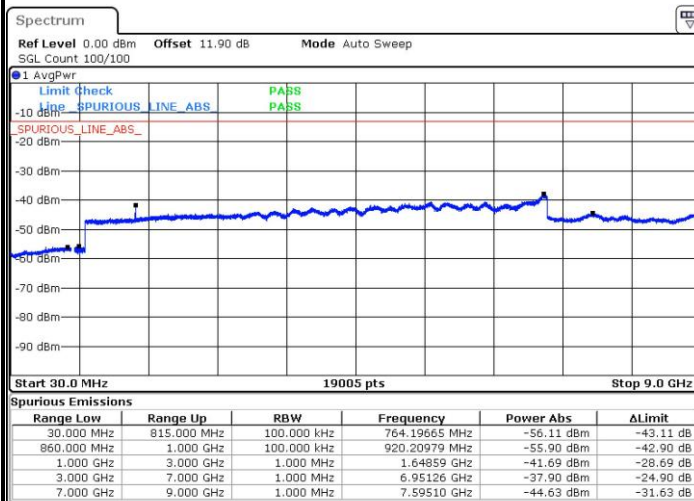
Highest Channel / 16QAM



Date: 8.JUL.2015 20:46:14

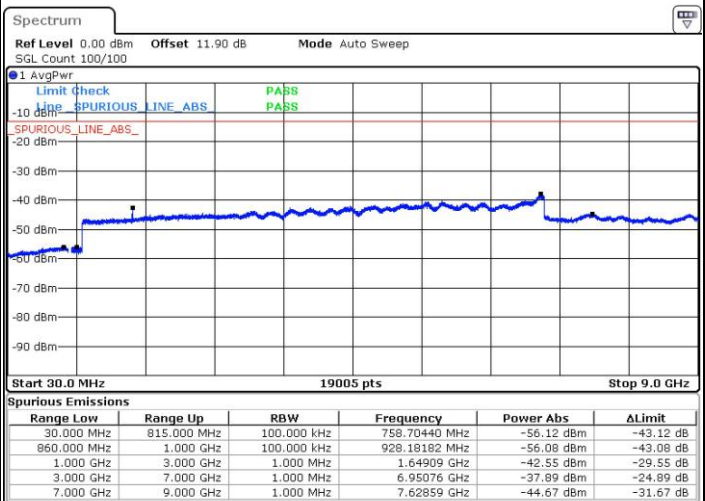
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 8.JUL.2015 20:53:00

Lowest Channel / 16QAM

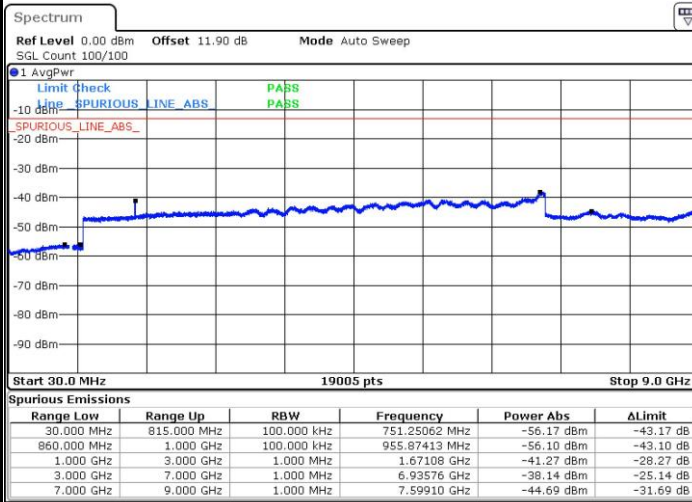


Date: 8.JUL.2015 20:54:14



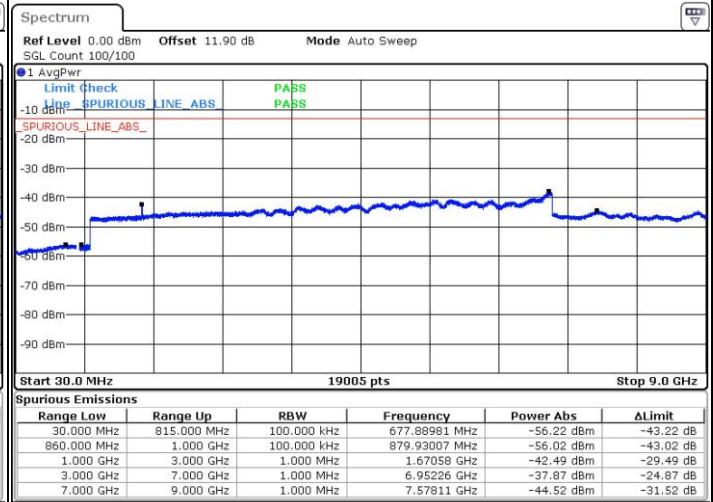
LTE Band 5 / 3MHz

Middle Channel / QPSK



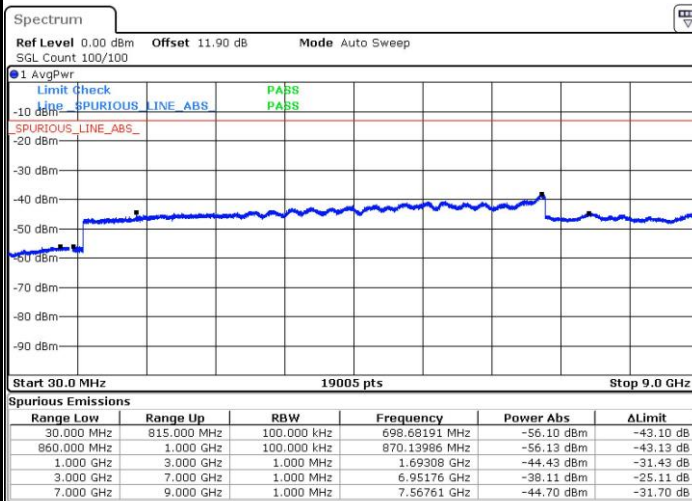
Date: 8.JUL.2015 20:56:21

Middle Channel / 16QAM



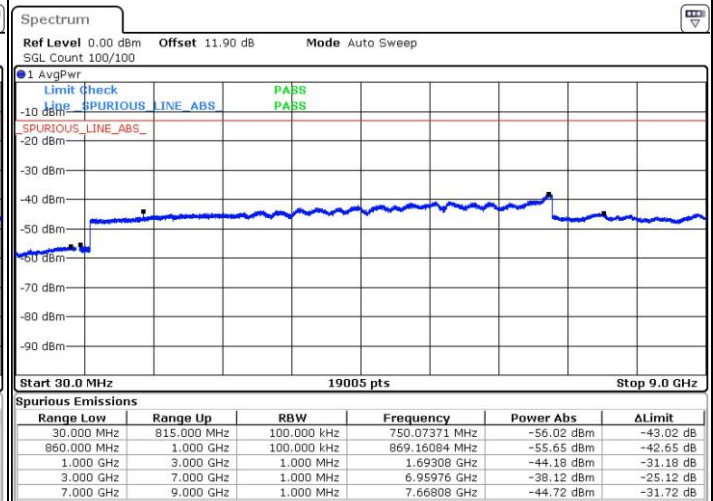
Date: 8.JUL.2015 20:57:35

Highest Channel / QPSK



Date: 8.JUL.2015 21:04:23

Highest Channel / 16QAM

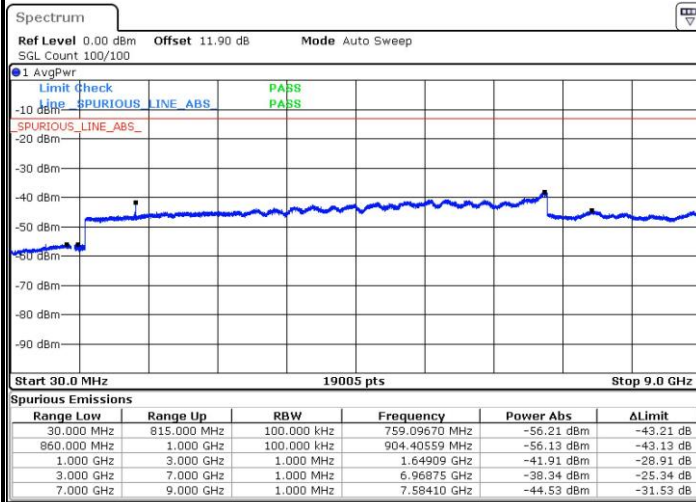


Date: 8.JUL.2015 21:05:38



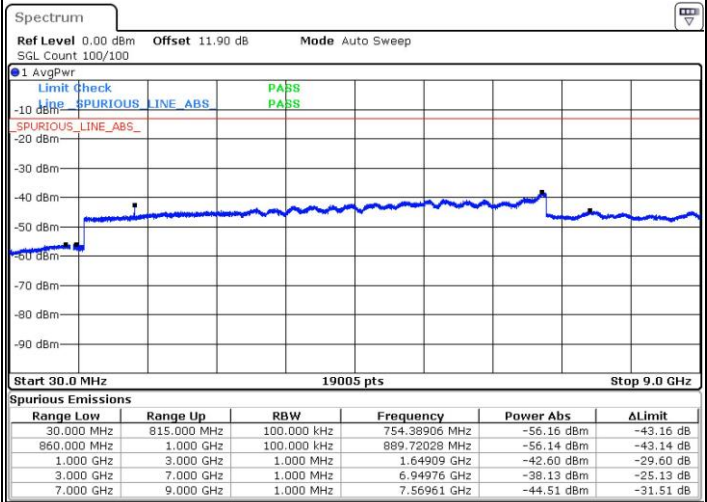
LTE Band 5 / 5MHz

Lowest Channel / QPSK



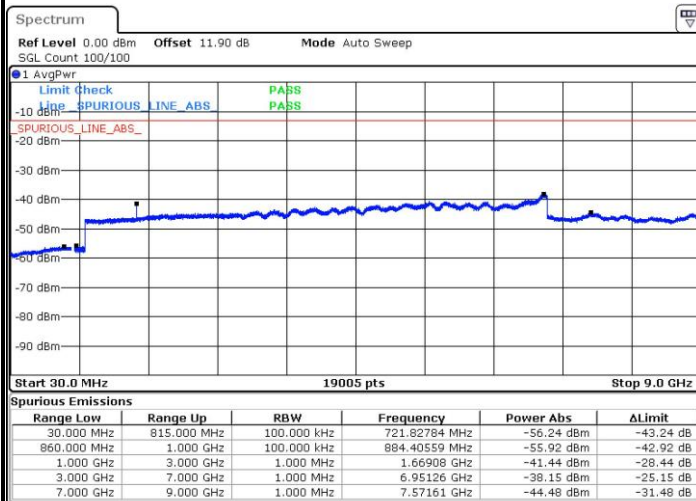
Date: 8.JUL.2015 21:12:24

Lowest Channel / 16QAM



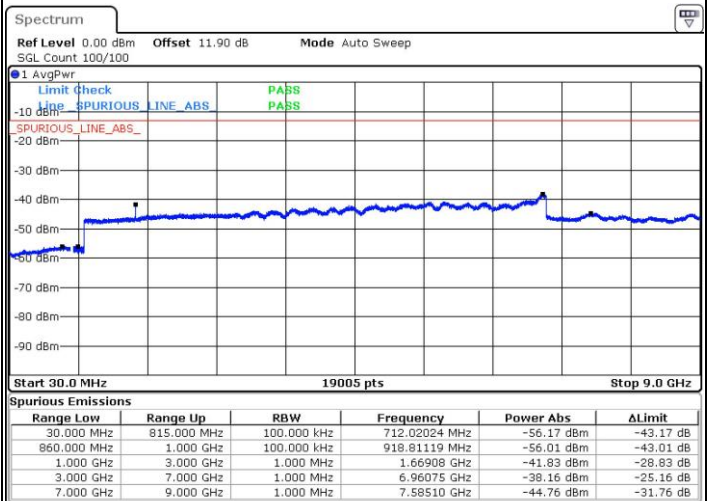
Date: 8.JUL.2015 21:13:38

Middle Channel / QPSK



Date: 8.JUL.2015 21:15:44

Middle Channel / 16QAM

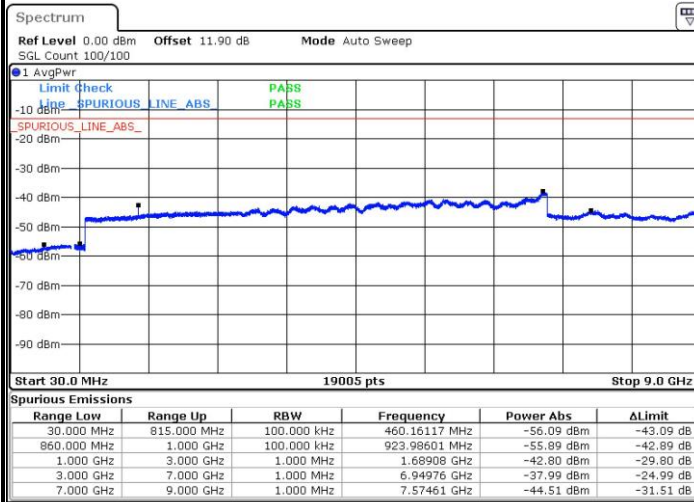


Date: 8.JUL.2015 21:16:58



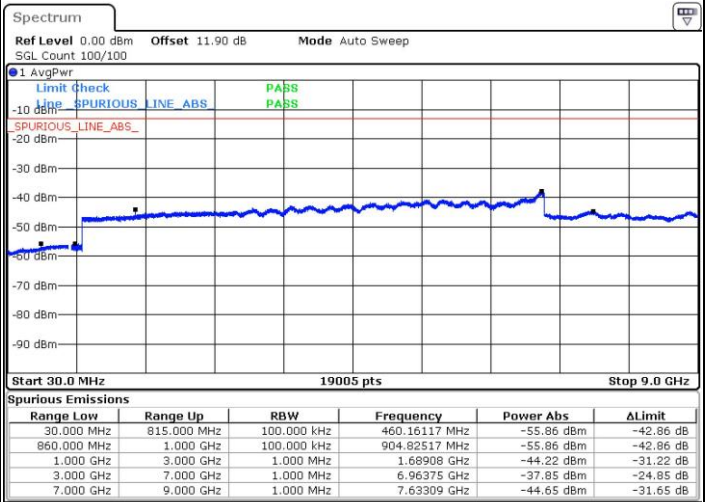
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 8.JUL.2015 21:23:44

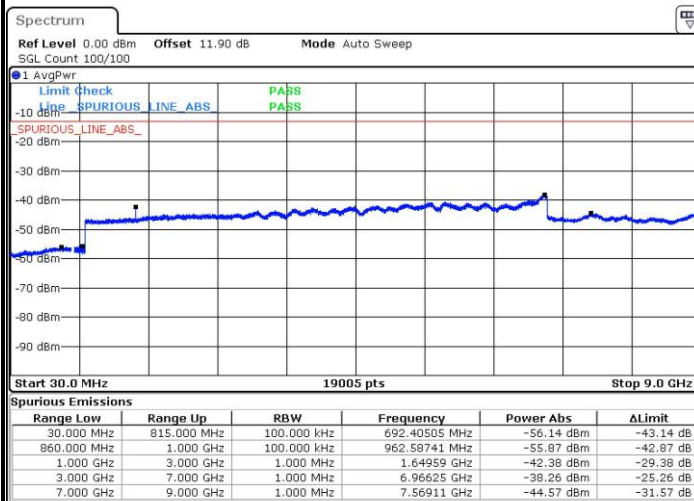
Highest Channel / 16QAM



Date: 8.JUL.2015 21:24:58

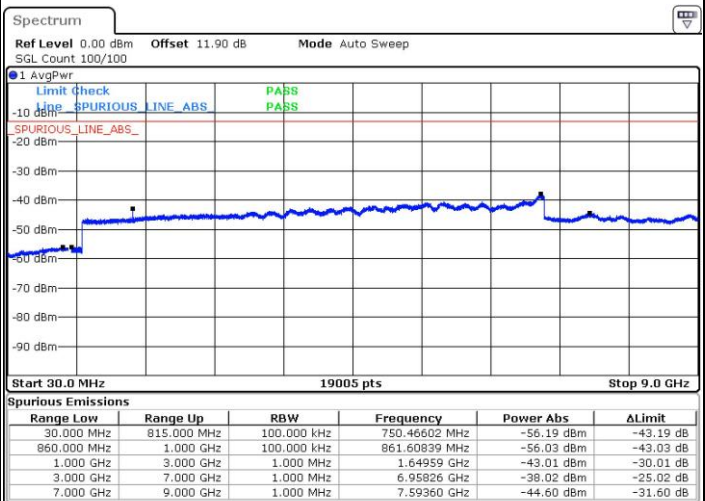
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 8.JUL.2015 21:31:45

Lowest Channel / 16QAM

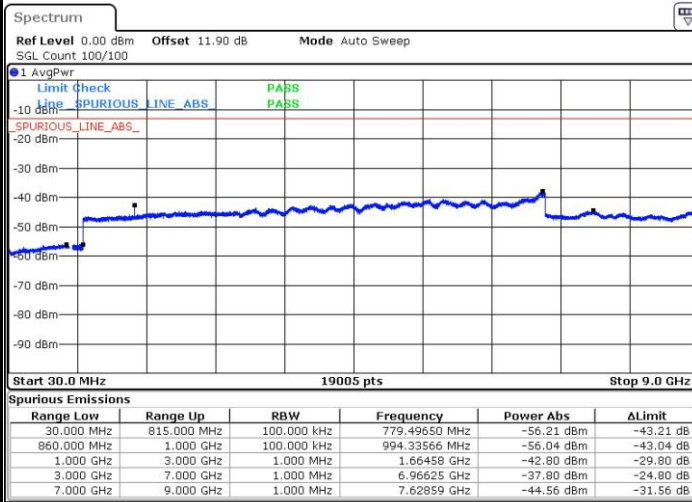


Date: 8.JUL.2015 21:32:59



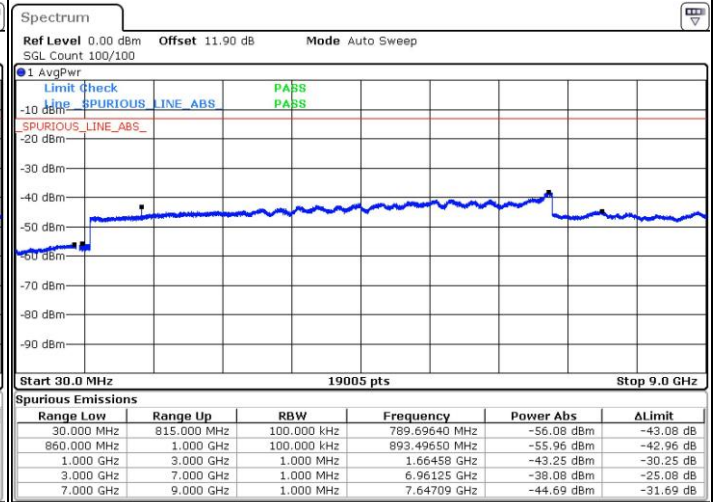
LTE Band 5 / 10MHz

Middle Channel / QPSK



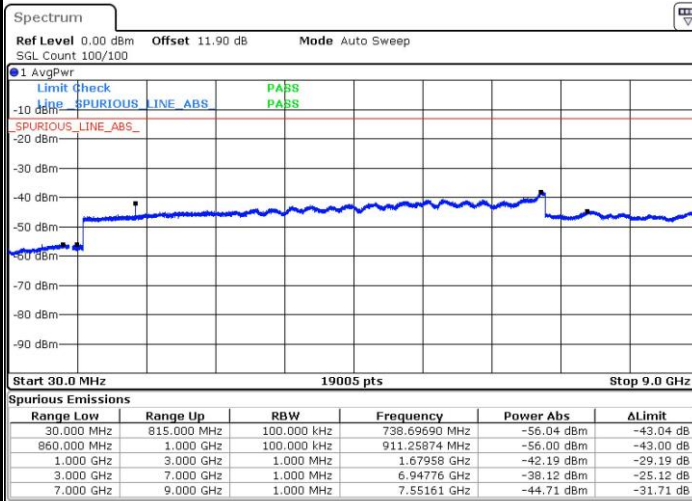
Date: 8.JUL.2015 21:35:05

Middle Channel / 16QAM



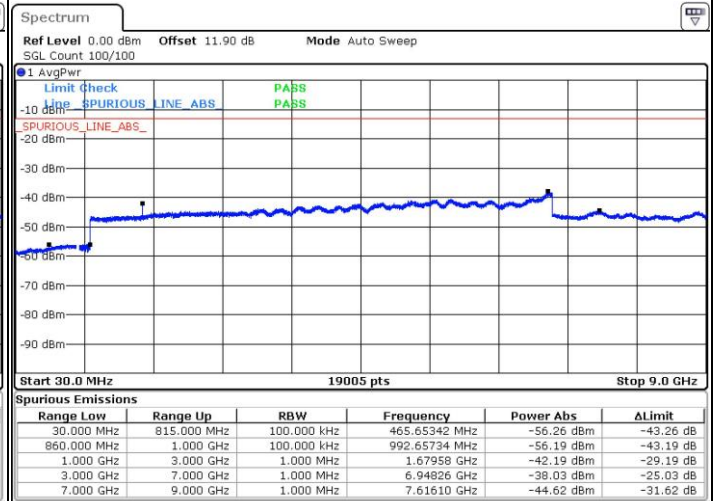
Date: 8.JUL.2015 21:36:19

Highest Channel / QPSK



Date: 8.JUL.2015 21:43:05

Highest Channel / 16QAM



Date: 8.JUL.2015 21:44:19

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0030	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0043	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0053	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0043	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 7 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.01	0.2000	23.57	0.2275
Middle		1	0	22.74	0.1879	24.34	0.2716
Highest		1	0	23.62	0.2301	24.94	0.3119
Lowest	16QAM	1	0	21.15	0.1303	21.66	0.1466
Middle		1	0	20.91	0.1233	22.17	0.1648
Highest		1	0	21.15	0.1303	22.74	0.1879
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.89	0.2449	24.27	0.2673
Middle		1	0	23.27	0.2123	24.35	0.2723
Highest		1	0	23.62	0.2301	25.03	0.3184
Lowest	16QAM	1	0	21.40	0.1380	21.82	0.1521
Middle		1	0	21.06	0.1276	22.26	0.1683
Highest		1	0	21.28	0.1343	22.77	0.1892
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.07	0.2553	24.44	0.2780
Middle		1	0	23.25	0.2113	24.20	0.2630
Highest		1	0	23.78	0.2388	25.23	0.3334
Lowest	16QAM	1	0	21.53	0.1422	21.97	0.1574
Middle		1	0	21.04	0.1271	22.23	0.1671
Highest		1	0	21.36	0.1368	22.87	0.1936
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.66	0.2323	24.32	0.2704
Middle		1	0	23.38	0.2178	24.43	0.2773
Highest		1	0	23.65	0.2317	25.00	0.3162
Lowest	16QAM	1	0	21.59	0.1442	22.04	0.1600
Middle		1	0	21.14	0.1300	22.19	0.1656
Highest		1	0	21.35	0.1365	22.86	0.1932
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.93	0.1239	22.57	0.1807
Middle		1	0	20.68	0.1169	22.48	0.1770
Highest		1	0	20.21	0.1050	22.24	0.1675
Lowest	16QAM	1	0	18.91	0.0778	20.44	0.1107
Middle		1	0	18.59	0.0723	20.44	0.1107
Highest		1	0	18.02	0.0634	20.03	0.1007
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.88	0.1225	22.40	0.1738
Middle		1	0	20.87	0.1222	22.61	0.1824
Highest		1	0	19.92	0.0982	21.92	0.1556
Lowest	16QAM	1	0	18.75	0.0750	20.18	0.1042
Middle		1	0	18.71	0.0743	20.42	0.1102
Highest		1	0	17.82	0.0605	19.75	0.0944
Limit	EIRP < 2W			Result		PASS	



LTE Band 38 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.78	0.1197	22.43	0.1750
Middle		1	0	20.87	0.1222	22.57	0.1807
Highest		1	0	20.17	0.1040	22.10	0.1622
Lowest	16QAM	1	0	18.87	0.0771	20.36	0.1086
Middle		1	0	18.94	0.0783	20.56	0.1138
Highest		1	0	18.17	0.0656	20.04	0.1009
Limit	EIRP < 2W			Result		PASS	

LTE Band 38 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.85	0.1216	22.37	0.1726
Middle		1	0	20.98	0.1253	22.63	0.1832
Highest		1	0	20.16	0.1038	22.21	0.1663
Lowest	16QAM	1	0	19.01	0.0796	20.51	0.1125
Middle		1	0	18.97	0.0789	20.54	0.1132
Highest		1	0	18.58	0.0721	20.52	0.1127
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.82	0.1208	21.38	0.1374
Middle		1	0	20.15	0.1035	22.21	0.1663
Highest		1	0	17.59	0.0574	21.09	0.1285
Lowest	16QAM	1	0	19.92	0.0982	20.50	0.1122
Middle		1	0	19.29	0.0849	21.33	0.1358
Highest		1	0	16.49	0.0446	20.15	0.1035
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.76	0.1191	21.46	0.1400
Middle		1	0	19.89	0.0975	22.32	0.1706
Highest		1	0	17.48	0.0560	21.01	0.1262
Lowest	16QAM	1	0	20.30	0.1072	20.86	0.1219
Middle		1	0	19.25	0.0841	21.54	0.1426
Highest		1	0	17.14	0.0518	20.66	0.1164
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.15	0.1303	21.49	0.1409
Middle		1	0	20.28	0.1067	22.40	0.1738
Highest		1	0	18.07	0.0641	21.44	0.1393
Lowest	16QAM	1	0	20.24	0.1057	20.86	0.1219
Middle		1	0	19.26	0.0843	21.65	0.1462
Highest		1	0	16.93	0.0493	20.54	0.1132
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.00	0.1259	21.59	0.1442
Middle		1	0	20.43	0.1104	22.53	0.1791
Highest		1	0	18.08	0.0643	21.59	0.1442
Lowest	16QAM	1	0	20.20	0.1047	21.14	0.1300
Middle		1	0	19.71	0.0935	21.81	0.1517
Highest		1	0	17.32	0.0540	20.85	0.1216
Limit	EIRP < 2W			Result		PASS	



LTE Band 5 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	4.32	0.0027	18.15	0.0653
Middle		1	0	4.70	0.0030	17.96	0.0625
Highest		1	0	5.73	0.0037	17.89	0.0615
Lowest	16QAM	1	0	2.85	0.0019	16.60	0.0457
Middle		1	0	3.32	0.0021	16.57	0.0454
Highest		1	0	3.85	0.0024	16.28	0.0425
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	4.15	0.0026	17.92	0.0619
Middle		1	0	4.12	0.0026	17.61	0.0577
Highest		1	0	4.75	0.0030	17.42	0.0552
Lowest	16QAM	1	0	2.81	0.0019	16.59	0.0456
Middle		1	0	2.96	0.0020	16.27	0.0424
Highest		1	0	3.59	0.0023	16.16	0.0413
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	4.07	0.0026	20.01	0.1002
Middle		1	0	3.86	0.0024	19.39	0.0869
Highest		1	0	4.68	0.0029	19.57	0.0906
Lowest	16QAM	1	0	2.76	0.0019	18.68	0.0738
Middle		1	0	2.69	0.0019	18.21	0.0662
Highest		1	0	3.30	0.0021	18.20	0.0661
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	4.20	0.0026	20.16	0.1038
Middle		1	0	3.54	0.0023	19.20	0.0832
Highest		1	0	3.47	0.0022	18.60	0.0724
Lowest	16QAM	1	0	2.88	0.0019	18.82	0.0762
Middle		1	0	2.44	0.0018	18.01	0.0632
Highest		1	0	2.25	0.0017	17.39	0.0548
Limit	ERP < 7W			Result		PASS	



Radiated Spurious Emission

LTE Band 7 / 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	5000	-58.97	-25	-33.97	-77.05	-66.33	2.34	9.70	H
	7500	-52.81	-25	-27.81	-77.39	-62.18	2.43	11.80	H
	10000	-49.80	-25	-24.80	-78.17	-59.3	2.70	12.20	H
	5000	-60.22	-25	-35.22	-77.26	-67.58	2.34	9.70	V
	7500	-53.82	-25	-28.82	-77.57	-63.19	2.43	11.80	V
	10000	-52.61	-25	-27.61	-78.35	-62.11	2.70	12.20	V
Middle	5065	-57.80	-25	-32.80	-76.35	-65.13	2.37	9.70	H
	7597	-53.82	-25	-28.82	-77.73	-63.28	2.40	11.86	H
	10130	-49.91	-25	-24.91	-78.44	-59.47	2.70	12.25	H
	5065	-60.08	-25	-35.08	-77.18	-67.41	2.37	9.70	V
	7597	-54.12	-25	-29.12	-77.63	-63.58	2.40	11.86	V
	10130	-52.31	-25	-27.31	-78.5	-61.87	2.70	12.25	V
Highest	5130	-59.18	-25	-34.18	-77.63	-66.47	2.41	9.70	H
	7695	-53.03	-25	-28.03	-77.4	-62.58	2.37	11.92	H
	10260	-50.02	-25	-25.02	-78.26	-59.63	2.69	12.30	H
	5130	-59.42	-25	-34.42	-77.64	-66.71	2.41	9.70	V
	7695	-53.92	-25	-28.92	-77.5	-63.47	2.37	11.92	V
	10260	-51.91	-25	-26.91	-78.7	-61.52	2.69	12.30	V

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



LTE Band 7 / 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	5000	-58.27	-25	-33.27	-76.91	-65.63	2.34	9.70	H
	7500	-53.10	-25	-28.10	-77.52	-62.47	2.43	11.80	H
	10000	-49.13	-25	-24.13	-77.71	-58.63	2.70	12.20	H
	5000	-59.93	-25	-34.93	-76.96	-67.29	2.34	9.70	V
	7500	-54.04	-25	-29.04	-77.56	-63.41	2.43	11.80	V
	10000	-52.68	-25	-27.68	-78.21	-62.18	2.70	12.20	V
Middle	5060	-57.99	-25	-32.99	-76.43	-65.32	2.37	9.70	H
	7590	-53.13	-25	-28.13	-77.59	-62.58	2.40	11.85	H
	10120	-49.58	-25	-24.58	-78.08	-59.13	2.70	12.25	H
	5060	-59.90	-25	-34.90	-77.17	-67.23	2.37	9.70	V
	7590	-53.83	-25	-28.83	-77.65	-63.28	2.40	11.85	V
	10120	-51.92	-25	-26.92	-78.35	-61.47	2.70	12.25	V
Highest	5120	-58.73	-25	-33.73	-77.22	-66.02	2.41	9.70	H
	7680	-52.64	-25	-27.64	-77.34	-62.18	2.37	11.91	H
	10240	-49.53	-25	-24.53	-78.25	-59.13	2.69	12.30	H
	5120	-59.83	-25	-34.83	-77.16	-67.12	2.41	9.70	V
	7680	-53.74	-25	-28.74	-77.38	-63.28	2.37	11.91	V
	10240	-51.87	-25	-26.87	-78.24	-61.47	2.69	12.30	V

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



LTE Band 7 / 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	5000	-58.67	-25	-33.67	-77.13	-66.03	2.34	9.70	H
	7500	-52.10	-25	-27.10	-76.86	-61.47	2.43	11.80	H
	10000	-49.86	-25	-24.86	-78.2	-59.36	2.70	12.20	H
	5000	-60.22	-25	-35.22	-77.39	-67.58	2.34	9.70	V
	7500	-54.14	-25	-29.14	-77.66	-63.51	2.43	11.80	V
	10000	-52.24	-25	-27.24	-77.93	-61.74	2.70	12.20	V
Middle	5055	-57.14	-25	-32.14	-75.77	-64.47	2.37	9.70	H
	7582	-52.98	-25	-27.98	-77.64	-62.43	2.40	11.85	H
	10110	-49.57	-25	-24.57	-77.9	-59.12	2.70	12.24	H
	5055	-60.06	-25	-35.06	-77.2	-67.39	2.37	9.70	V
	7582	-54.36	-25	-29.36	-77.73	-63.81	2.40	11.85	V
	10110	-51.87	-25	-26.87	-77.92	-61.42	2.70	12.24	V
Highest	5110	-58.09	-25	-33.09	-76.61	-65.39	2.40	9.70	H
	7665	-53.24	-25	-28.24	-77.47	-62.76	2.38	11.90	H
	10220	-49.80	-25	-24.80	-78.49	-59.39	2.69	12.29	H
	5110	-60.06	-25	-35.06	-77.34	-67.36	2.40	9.70	V
	7665	-53.66	-25	-28.66	-77.28	-63.18	2.38	11.90	V
	10220	-51.83	-25	-26.83	-78.46	-61.42	2.69	12.29	V

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



LTE Band 7 / 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	5000	-58.67	-25	-33.67	-77.04	-66.03	2.34	9.70	H
	7500	-52.91	-25	-27.91	-77.26	-62.28	2.43	11.80	H
	10000	-49.63	-25	-24.63	-77.96	-59.13	2.70	12.20	H
	5000	-59.88	-25	-34.88	-77.05	-67.24	2.34	9.70	V
	7500	-54.10	-25	-29.10	-77.61	-63.47	2.43	11.80	V
	10000	-51.94	-25	-26.94	-77.99	-61.44	2.70	12.20	V
Middle	5050	-58.06	-25	-33.06	-76.4	-65.39	2.37	9.70	H
	7575	-53.00	-25	-28.00	-77.68	-62.44	2.41	11.85	H
	10100	-49.64	-25	-24.64	-78.24	-59.18	2.70	12.24	H
	5050	-59.91	-25	-34.91	-77.18	-67.24	2.37	9.70	V
	7575	-54.30	-25	-29.30	-77.65	-63.74	2.41	11.85	V
	10100	-52.04	-25	-27.04	-78.33	-61.58	2.70	12.24	V
Highest	5100	-58.38	-25	-33.38	-77.08	-65.69	2.39	9.70	H
	7650	-52.96	-25	-27.96	-77.24	-62.47	2.38	11.89	H
	10200	-49.60	-25	-24.60	-78.37	-59.18	2.70	12.28	H
	5100	-60.22	-25	-35.22	-77.54	-67.53	2.39	9.70	V
	7650	-53.91	-25	-28.91	-77.49	-63.42	2.38	11.89	V
	10200	-51.86	-25	-26.86	-78.24	-61.44	2.70	12.28	V

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



LTE Band 38 / 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	5140	-58.35	-25	-33.35	-76.88	-65.63	2.42	9.70	H
	7710	-52.91	-25	-27.91	-77.17	-62.47	2.36	11.93	H
	10280	-48.70	-25	-23.70	-77.83	-58.32	2.69	12.31	H
	5140	-59.93	-25	-34.93	-77.22	-67.21	2.42	9.70	V
	7710	-53.76	-25	-28.76	-77.19	-63.32	2.36	11.93	V
	10280	-51.23	-25	-26.23	-77.92	-60.85	2.69	12.31	V
Middle	5185	-59.06	-25	-34.06	-77.64	-66.32	2.44	9.70	H
	7777.5	-53.31	-25	-28.31	-77.7	-62.94	2.34	11.97	H
	10370	-49.96	-25	-24.96	-78.8	-59.61	2.69	12.35	H
	5185	-59.95	-25	-34.95	-77.75	-67.21	2.44	9.70	V
	7777.5	-53.79	-25	-28.79	-77.69	-63.42	2.34	11.97	V
	10370	-51.81	-25	-26.81	-78.64	-61.46	2.69	12.35	V
Highest	5230	-58.16	-25	-33.16	-77.34	-65.39	2.47	9.70	H
	7845	-53.06	-25	-28.06	-77.71	-62.75	2.32	12.01	H
	10460	-49.63	-25	-24.63	-78.02	-59.32	2.69	12.38	H
	5230	-59.72	-25	-34.72	-77.41	-66.95	2.47	9.70	V
	7845	-53.88	-25	-28.88	-77.33	-63.57	2.32	12.01	V
	10460	-50.49	-25	-25.49	-77.75	-60.18	2.69	12.38	V

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



LTE Band 38 / 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	5140	-58.41	-25	-33.41	-77.92	-65.69	2.42	9.70	H
	7710	-53.65	-25	-28.65	-77.74	-63.21	2.36	11.93	H
	10280	-50.05	-25	-25.05	-78.67	-59.67	2.69	12.31	H
	5140	-60.30	-25	-35.30	-77.77	-67.58	2.42	9.70	V
	7710	-53.91	-25	-28.91	-77.74	-63.47	2.36	11.93	V
	10280	-52.14	-25	-27.14	-78.71	-61.76	2.69	12.31	V
Middle	5180	-58.56	-25	-33.56	-77.53	-65.82	2.44	9.70	H
	7770	-53.59	-25	-28.59	-77.78	-63.21	2.34	11.96	H
	10360	-50.03	-25	-25.03	-78.66	-59.68	2.69	12.34	H
	5180	-60.18	-25	-35.18	-77.72	-67.44	2.44	9.70	V
	7770	-53.96	-25	-28.96	-77.82	-63.58	2.34	11.96	V
	10360	-51.93	-25	-26.93	-78.78	-61.58	2.69	12.34	V
Highest	5220	-59.08	-25	-34.08	-77.48	-66.32	2.46	9.70	H
	7830	-52.79	-25	-27.79	-77.82	-62.47	2.32	12.00	H
	10440	-49.79	-25	-24.79	-78.45	-59.47	2.69	12.38	H
	5220	-59.65	-25	-34.65	-77.31	-66.89	2.46	9.70	V
	7830	-53.79	-25	-28.79	-78.01	-63.47	2.32	12.00	V
	10440	-51.21	-25	-26.21	-78.25	-60.89	2.69	12.38	V

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



LTE Band 38 / 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	5140	-59.41	-25	-34.41	-77.66	-66.69	2.42	9.70	H
	7710	-53.19	-25	-28.19	-77.51	-62.75	2.36	11.93	H
	10280	-49.99	-25	-24.99	-78.5	-59.61	2.69	12.31	H
	5140	-60.04	-25	-35.04	-77.54	-67.32	2.42	9.70	V
	7710	-53.86	-25	-28.86	-77.46	-63.42	2.36	11.93	V
	10280	-52.23	-25	-27.23	-78.49	-61.85	2.69	12.31	V
Middle	5175	-58.37	-25	-33.37	-76.97	-65.63	2.44	9.70	H
	7762	-52.82	-25	-27.82	-77.19	-62.43	2.34	11.96	H
	10350	-49.96	-25	-24.96	-78.55	-59.61	2.69	12.34	H
	5175	-60.07	-25	-35.07	-77.67	-67.33	2.44	9.70	V
	7762	-53.97	-25	-28.97	-77.23	-63.58	2.34	11.96	V
	10350	-51.76	-25	-26.76	-78.38	-61.41	2.69	12.34	V
Highest	5210	-58.89	-25	-33.89	-77.39	-66.13	2.46	9.70	H
	7815	-53.29	-25	-28.29	-77.78	-62.95	2.33	11.99	H
	10420	-49.65	-25	-24.65	-78.13	-59.32	2.69	12.37	H
	5210	-59.44	-25	-34.44	-77.28	-66.68	2.46	9.70	V
	7815	-53.81	-25	-28.81	-77.88	-63.47	2.33	11.99	V
	10420	-51.61	-25	-26.61	-78.32	-61.28	2.69	12.37	V

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



LTE Band 38 / 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	5140	-58.75	-25	-33.75	-77.2	-66.03	2.42	9.70	H
	7710	-53.62	-25	-28.62	-77.75	-63.18	2.36	11.93	H
	10280	-50.01	-25	-25.01	-78.66	-59.63	2.69	12.31	H
	5140	-60.35	-25	-35.35	-77.8	-67.63	2.42	9.70	V
	7710	-53.91	-25	-28.91	-77.75	-63.47	2.36	11.93	V
	10280	-51.85	-25	-26.85	-78.62	-61.47	2.69	12.31	V
Middle	5170	-58.05	-25	-33.05	-77.4	-65.32	2.43	9.70	H
	7755	-53.25	-25	-28.25	-77.58	-62.86	2.35	11.95	H
	10340	-49.97	-25	-24.97	-78.7	-59.61	2.69	12.34	H
	5170	-59.86	-25	-34.86	-77.45	-67.13	2.43	9.70	V
	7755	-53.82	-25	-28.82	-77.63	-63.43	2.35	11.95	V
	10340	-51.44	-25	-26.44	-78.1	-61.08	2.69	12.34	V
Highest	5200	-59.07	-25	-34.07	-77.52	-66.32	2.45	9.70	H
	7800	-53.33	-25	-28.33	-77.74	-62.98	2.33	11.98	H
	10400	-49.94	-25	-24.94	-78.72	-59.61	2.69	12.36	H
	5200	-60.07	-25	-35.07	-77.44	-67.32	2.45	9.70	V
	7800	-53.82	-25	-28.82	-77.8	-63.47	2.33	11.98	V
	10400	-51.80	-25	-26.80	-78.6	-61.47	2.69	12.36	V

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



LTE Band 41 / 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	4992	-58.04	-25	-33.04	-77.19	-65.39	2.33	9.68	H
	7488	-53.24	-25	-28.24	-77.4	-62.58	2.43	11.78	H
	9984	-50.11	-25	-25.11	-78.3	-59.63	2.69	12.21	H
	4992	-60.47	-25	-35.47	-77.28	-67.82	2.33	9.68	V
	7488	-53.87	-25	-28.87	-77.47	-63.21	2.43	11.78	V
	9984	-52.95	-25	-27.95	-78.34	-62.47	2.69	12.21	V
Middle	5181	-59.13	-25	-34.13	-77.68	-66.39	2.44	9.70	H
	7771.5	-53.65	-25	-28.65	-77.87	-63.27	2.34	11.96	H
	10362	-49.64	-25	-24.64	-78.58	-59.29	2.69	12.34	H
	5181	-59.96	-25	-34.96	-77.46	-67.22	2.44	9.70	V
	7771.5	-53.85	-25	-28.85	-77.63	-63.47	2.34	11.96	V
	10362	-51.77	-25	-26.77	-78.6	-61.42	2.69	12.34	V
Highest	5370	-58.48	-25	-33.48	-77.96	-65.63	2.55	9.70	H
	8055	-51.66	-25	-26.66	-77.02	-61.52	2.28	12.14	H
	10740	-48.87	-25	-23.87	-78.3	-58.63	2.69	12.45	H
	5370	-60.03	-25	-35.03	-78.23	-67.18	2.55	9.70	V
	8055	-53.12	-25	-28.12	-77.31	-62.98	2.28	12.14	V
	10740	-50.56	-25	-25.56	-78.17	-60.32	2.69	12.45	V

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



LTE Band 41 / 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	4992	-59.07	-25	-34.07	-77.34	-66.42	2.33	9.68	H
	7488	-53.13	-25	-28.13	-77.63	-62.47	2.43	11.78	H
	9984	-50.11	-25	-25.11	-78.25	-59.63	2.69	12.21	H
	4992	-60.60	-25	-35.60	-77.42	-67.95	2.33	9.68	V
	7488	-54.24	-25	-29.24	-77.66	-63.58	2.43	11.78	V
	9984	-52.57	-25	-27.57	-78.27	-62.09	2.69	12.21	V
Middle	5176	-57.83	-25	-32.83	-77.37	-65.09	2.44	9.70	H
	7764	-52.86	-25	-27.86	-77.51	-62.47	2.34	11.96	H
	10352	-49.98	-25	-24.98	-78.6	-59.63	2.69	12.34	H
	5176	-60.16	-25	-35.16	-77.7	-67.42	2.44	9.70	V
	7764	-53.86	-25	-28.86	-77.63	-63.47	2.34	11.96	V
	10352	-52.03	-25	-27.03	-78.76	-61.68	2.69	12.34	V
Highest	5360	-58.66	-25	-33.66	-78.04	-65.82	2.54	9.70	H
	8040	-51.61	-25	-26.61	-77.24	-61.47	2.28	12.13	H
	10720	-49.28	-25	-24.28	-78.38	-59.03	2.69	12.44	H
	5360	-59.87	-25	-34.87	-78.02	-67.03	2.54	9.70	V
	8040	-53.32	-25	-28.32	-77.55	-63.18	2.28	12.13	V
	10720	-49.88	-25	-24.88	-78.19	-59.63	2.69	12.44	V

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



LTE Band 41 / 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	4992	-58.04	-25	-33.04	-77.38	-65.39	2.33	9.68	H
	7488	-53.41	-25	-28.41	-77.85	-62.75	2.43	11.78	H
	9984	-50.16	-25	-25.16	-78.39	-59.68	2.69	12.21	H
	4992	-60.60	-25	-35.60	-77.4	-67.95	2.33	9.68	V
	7488	-54.18	-25	-29.18	-77.71	-63.52	2.43	11.78	V
	9984	-52.44	-25	-27.44	-78.08	-61.96	2.69	12.21	V
Middle	5171	-58.43	-25	-33.43	-77.31	-65.69	2.44	9.70	H
	7756	-53.14	-25	-28.14	-77.49	-62.75	2.35	11.95	H
	10342	-49.64	-25	-24.64	-78.35	-59.28	2.69	12.34	H
	5171	-60.13	-25	-35.13	-77.7	-67.39	2.44	9.70	V
	7756	-53.82	-25	-28.82	-77.63	-63.43	2.35	11.95	V
	10342	-51.85	-25	-26.85	-78.54	-61.49	2.69	12.34	V
Highest	5350	-58.80	-25	-33.80	-78.31	-65.96	2.54	9.70	H
	8025	-51.83	-25	-26.83	-77.35	-61.68	2.27	12.12	H
	10700	-49.21	-25	-24.21	-78.53	-58.96	2.69	12.44	H
	5350	-59.93	-25	-34.93	-78.13	-67.09	2.54	9.70	V
	8025	-53.24	-25	-28.24	-77.27	-63.09	2.27	12.12	V
	10700	-50.83	-25	-25.83	-77.98	-60.58	2.69	12.44	V

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



LTE Band 41 / 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	4992	-58.97	-25	-33.97	-77.21	-66.32	2.33	9.68	H
	7488	-53.24	-25	-28.24	-77.74	-62.58	2.43	11.78	H
	9984	-50.11	-25	-25.11	-78.13	-59.63	2.69	12.21	H
	4992	-60.24	-25	-35.24	-77.44	-67.59	2.33	9.68	V
	7488	-54.08	-25	-29.08	-77.59	-63.42	2.43	11.78	V
	9984	-52.67	-25	-27.67	-78.39	-62.19	2.69	12.21	V
Middle	5166	-58.12	-25	-33.12	-77.55	-65.39	2.43	9.70	H
	7749	-53.31	-25	-28.31	-77.7	-62.91	2.35	11.95	H
	10332	-49.99	-25	-24.99	-78.44	-59.63	2.69	12.33	H
	5166	-60.12	-25	-35.12	-77.55	-67.39	2.43	9.70	V
	7749	-53.88	-25	-28.88	-77.65	-63.48	2.35	11.95	V
	10332	-51.83	-25	-26.83	-78.42	-61.47	2.69	12.33	V
Highest	5340	-58.15	-25	-33.15	-78	-65.32	2.53	9.70	H
	8010	-51.58	-25	-26.58	-77.08	-61.42	2.27	12.11	H
	10680	-49.01	-25	-24.01	-78.28	-58.76	2.69	12.44	H
	5340	-59.11	-25	-34.11	-77.42	-66.28	2.53	9.70	V
	8010	-53.25	-25	-28.25	-77.28	-63.09	2.27	12.11	V
	10680	-50.72	-25	-25.72	-78.38	-60.47	2.69	12.44	V

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



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	-69.87	-13	-56.87	-74.1	-71.63	0.98	4.89	H
	2472	-62.71	-13	-49.71	-72.12	-64.59	1.28	5.32	H
	3296	-63.95	-13	-50.95	-75.87	-67.36	1.54	7.10	H
	1648	-70.98	-13	-57.98	-74.16	-72.74	0.98	4.89	V
	2472	-62.33	-13	-49.33	-72.58	-64.21	1.28	5.32	V
	3296	-65.08	-13	-52.08	-76.17	-68.49	1.54	7.10	V
Middle	1672	-69.95	-13	-56.95	-74.59	-71.63	0.99	4.82	H
	2512	-61.12	-13	-48.12	-70.42	-63.09	1.29	5.41	H
	3343	-64.03	-13	-51.03	-75.97	-67.63	1.56	7.31	H
	1672	-71.41	-13	-58.41	-74.14	-73.09	0.99	4.82	V
	2512	-60.62	-13	-47.62	-70.39	-62.59	1.29	5.41	V
	3343	-64.87	-13	-51.87	-76.08	-68.47	1.56	7.31	V
Highest	1695	-70.07	-13	-57.07	-74.33	-71.68	1.00	4.75	H
	2542	-61.59	-13	-48.59	-71.14	-63.57	1.30	5.43	H
	3392	-64.29	-13	-51.29	-76.41	-68.09	1.57	7.52	H
	1695	-70.63	-13	-57.63	-73.98	-72.24	1.00	4.75	V
	2542	-60.61	-13	-47.61	-70.74	-62.59	1.30	5.43	V
	3392	-64.67	-13	-51.67	-76.26	-68.47	1.57	7.52	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	-69.60	-13	-56.60	-74.08	-71.36	0.98	4.89	H
	2472	-62.70	-13	-49.70	-71.92	-64.58	1.28	5.32	H
	3296	-64.08	-13	-51.08	-76.09	-67.49	1.54	7.10	H
	1648	-70.89	-13	-57.89	-74.22	-72.65	0.98	4.89	V
	2472	-62.70	-13	-49.70	-72.15	-64.58	1.28	5.32	V
	3296	-65.06	-13	-52.06	-76.01	-68.47	1.54	7.10	V
Middle	1670	-69.94	-13	-56.94	-74.04	-71.63	0.99	4.82	H
	2505	-62.60	-13	-49.60	-71.8	-64.56	1.29	5.40	H
	3340	-63.82	-13	-50.82	-75.83	-67.41	1.55	7.30	H
	1670	-71.60	-13	-58.60	-74.2	-73.29	0.99	4.82	V
	2505	-60.51	-13	-47.51	-70.67	-62.47	1.29	5.40	V
	3340	-64.88	-13	-51.88	-75.83	-68.47	1.55	7.30	V
Highest	1692	-70.23	-13	-57.23	-74.39	-71.85	1.00	4.76	H
	2538	-62.75	-13	-49.75	-71.87	-64.73	1.30	5.43	H
	3384	-64.26	-13	-51.26	-76.27	-68.03	1.57	7.49	H
	1692	-70.97	-13	-57.97	-74.61	-72.59	1.00	4.76	V
	2538	-61.59	-13	-48.59	-71.1	-63.57	1.30	5.43	V
	3384	-64.26	-13	-51.26	-75.76	-68.03	1.57	7.49	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	-69.53	-13	-56.53	-73.93	-71.29	0.98	4.89	H
	2472	-62.70	-13	-49.70	-72.09	-64.58	1.28	5.32	H
	3296	-63.78	-13	-50.78	-75.71	-67.19	1.54	7.10	H
	1648	-70.69	-13	-57.69	-73.78	-72.45	0.98	4.89	V
	2472	-62.00	-13	-49.00	-71.6	-63.88	1.28	5.32	V
	3296	-64.80	-13	-51.80	-75.85	-68.21	1.54	7.10	V
Middle	1668	-70.19	-13	-57.19	-74.47	-71.88	0.99	4.83	H
	2504	-62.63	-13	-49.63	-71.72	-64.59	1.29	5.40	H
	3336	-64.23	-13	-51.23	-76.08	-67.81	1.55	7.28	H
	1668	-71.92	-13	-58.92	-74.7	-73.61	0.99	4.83	V
	2504	-60.53	-13	-47.53	-70.73	-62.49	1.29	5.40	V
	3336	-64.89	-13	-51.89	-76.24	-68.47	1.55	7.28	V
Highest	1688	-69.46	-13	-56.46	-73.76	-71.09	1.00	4.77	H
	2532	-63.72	-13	-50.72	-73.5	-65.69	1.30	5.43	H
	3376	-64.21	-13	-51.21	-76.07	-67.95	1.57	7.45	H
	1688	-70.90	-13	-57.90	-73.54	-72.53	1.00	4.77	V
	2532	-61.60	-13	-48.60	-71.79	-63.57	1.30	5.43	V
	3376	-64.67	-13	-51.67	-76.01	-68.41	1.57	7.45	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	1648	-69.50	-13	-56.50	-73.98	-71.26	0.98	4.89	H
	2472	-61.70	-13	-48.70	-70.95	-63.58	1.28	5.32	H
	3296	-64.22	-13	-51.22	-76.03	-67.63	1.54	7.10	H
	1648	-71.20	-13	-58.20	-74.2	-72.96	0.98	4.89	V
	2472	-60.21	-13	-47.21	-70.43	-62.09	1.28	5.32	V
	3296	-65.06	-13	-52.06	-76.11	-68.47	1.54	7.10	V
Middle	1663	-69.57	-13	-56.57	-73.84	-71.28	0.98	4.84	H
	2494	-62.58	-13	-49.58	-72.07	-64.52	1.29	5.38	H
	3326	-64.01	-13	-51.01	-76.05	-67.54	1.55	7.23	H
	1663	-70.87	-13	-57.87	-73.73	-72.58	0.98	4.84	V
	2494	-59.55	-13	-46.55	-70.14	-61.49	1.29	5.38	V
	3326	-65.10	-13	-52.10	-75.88	-68.63	1.55	7.23	V
Highest	1678	-69.47	-13	-56.47	-73.71	-71.13	0.99	4.80	H
	2517	-63.95	-13	-50.95	-73.21	-65.92	1.30	5.41	H
	3356	-63.83	-13	-50.83	-75.55	-67.49	1.56	7.37	H
	1678	-71.03	-13	-58.03	-73.69	-72.69	0.99	4.80	V
	2517	-62.66	-13	-49.66	-72.73	-64.63	1.30	5.41	V
	3356	-63.93	-13	-50.93	-74.91	-67.59	1.56	7.37	V

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