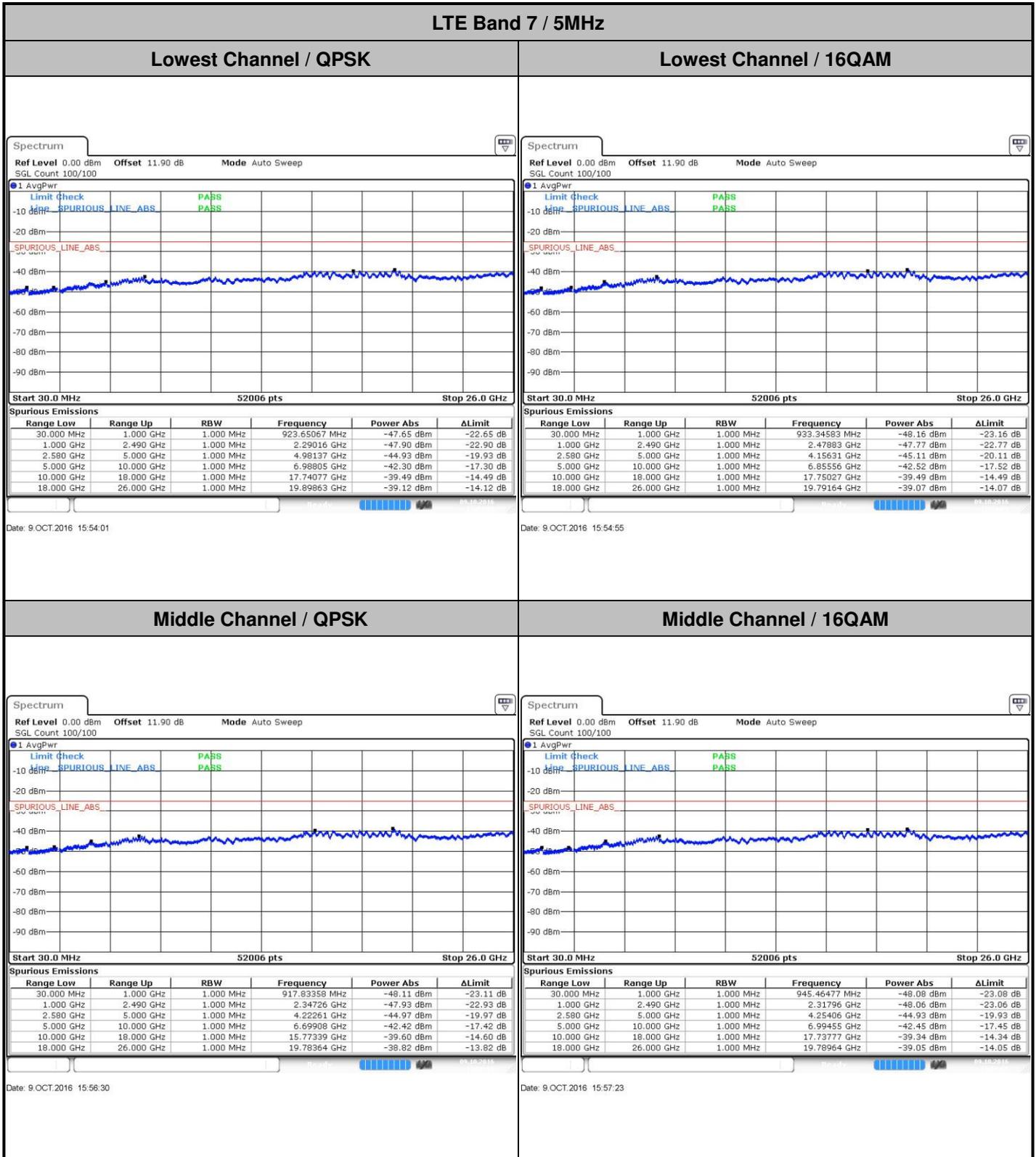




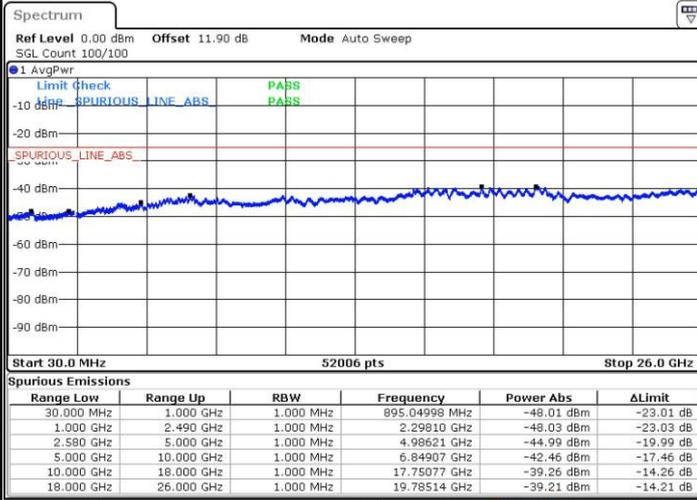
# Conducted Spurious Emission





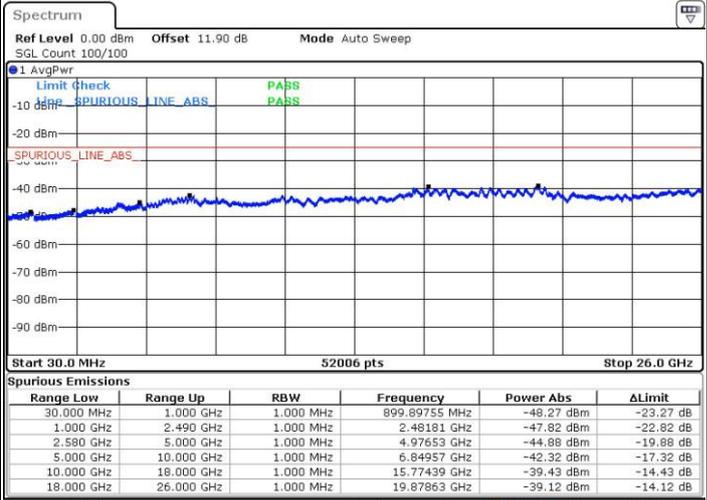
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 9.OCT.2016 16:03:37

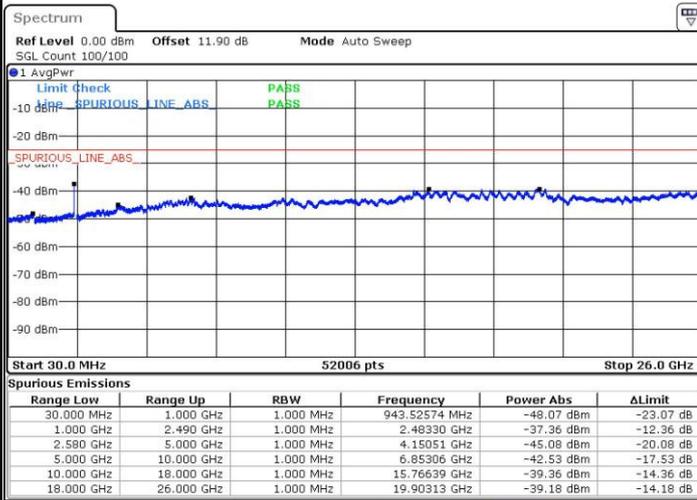
Highest Channel / 16QAM



Date: 9.OCT.2016 16:04:31

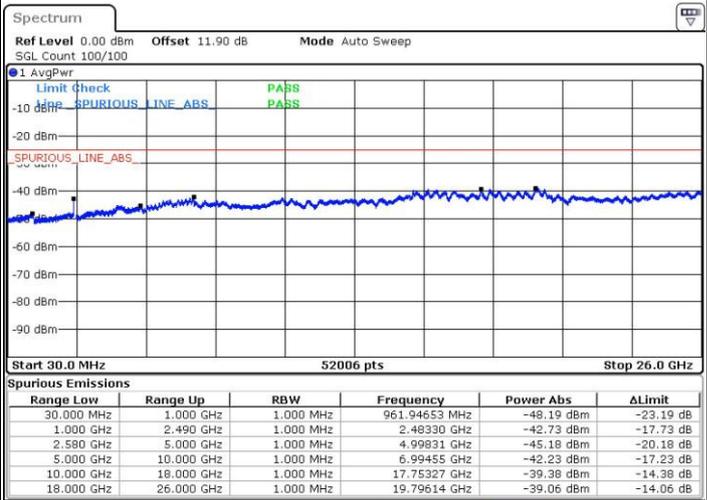
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 9.OCT.2016 17:15:53

Lowest Channel / 16QAM



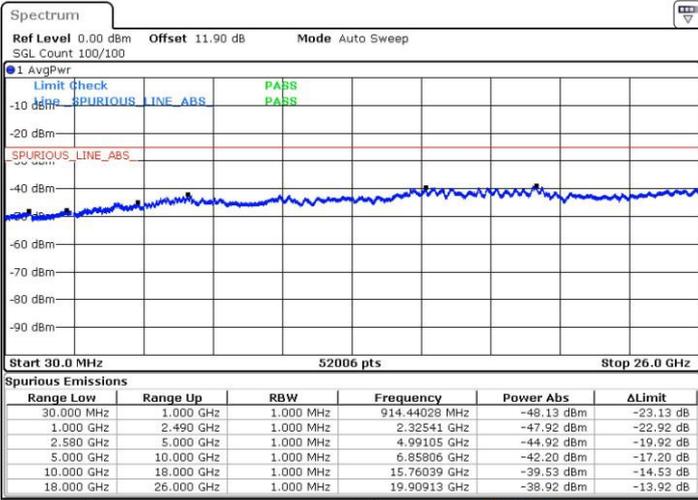
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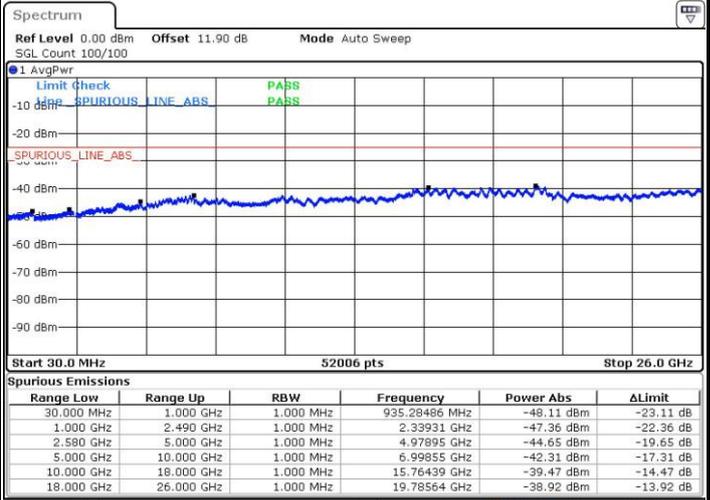
LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



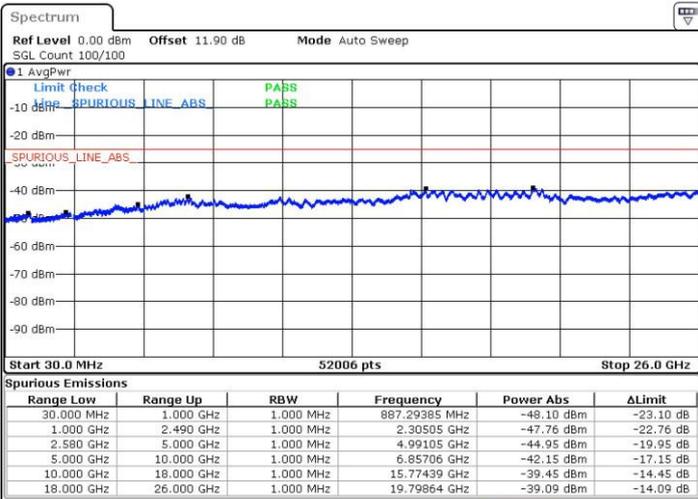
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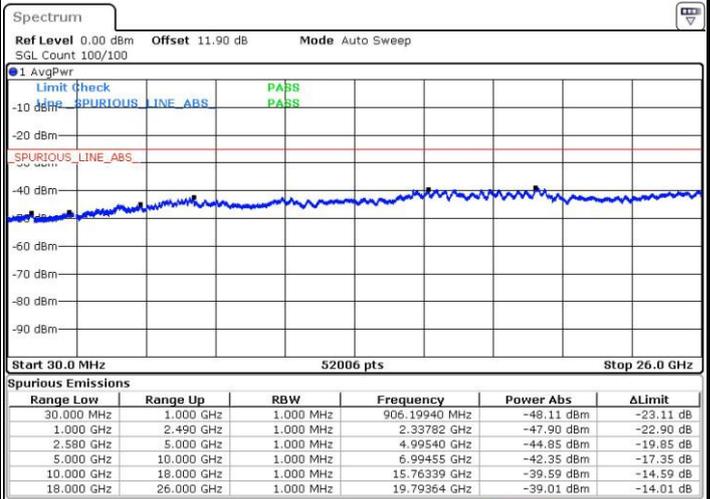
Date: 9.OCT.2016 17:19:15

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2016 17:25:30



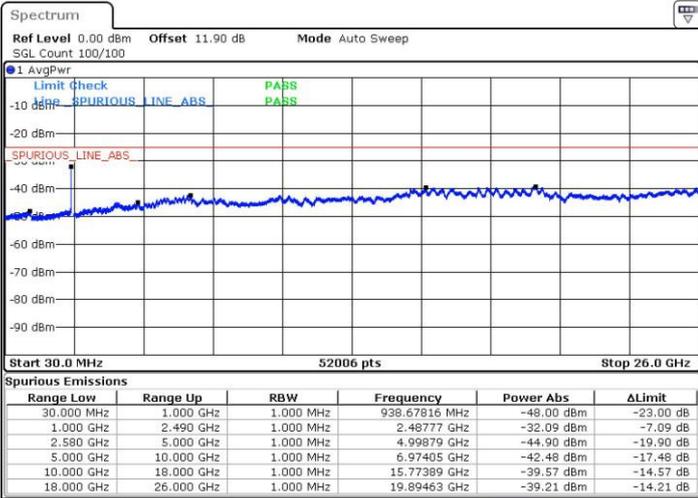
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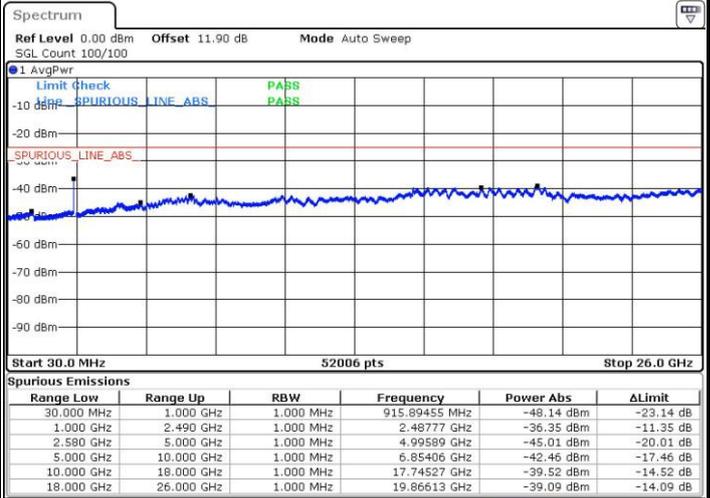
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



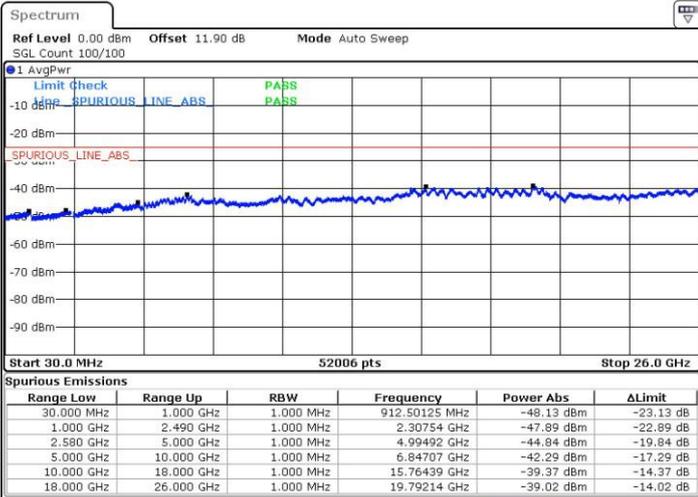
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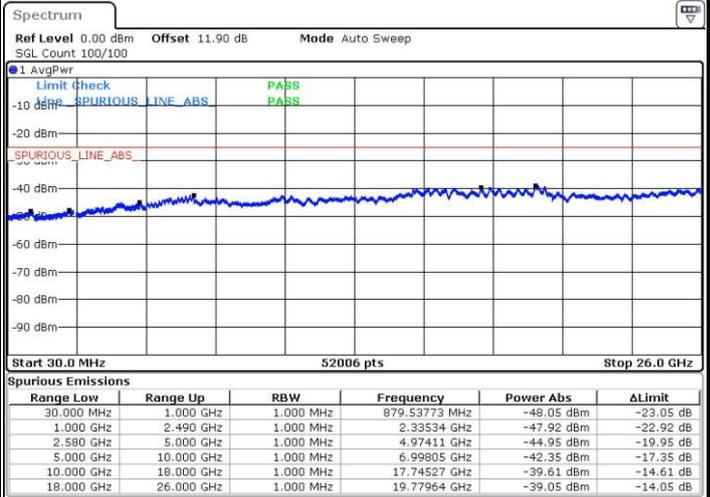
Date: 9.OCT.2016 17:33:31

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9.OCT.2016 17:35:06

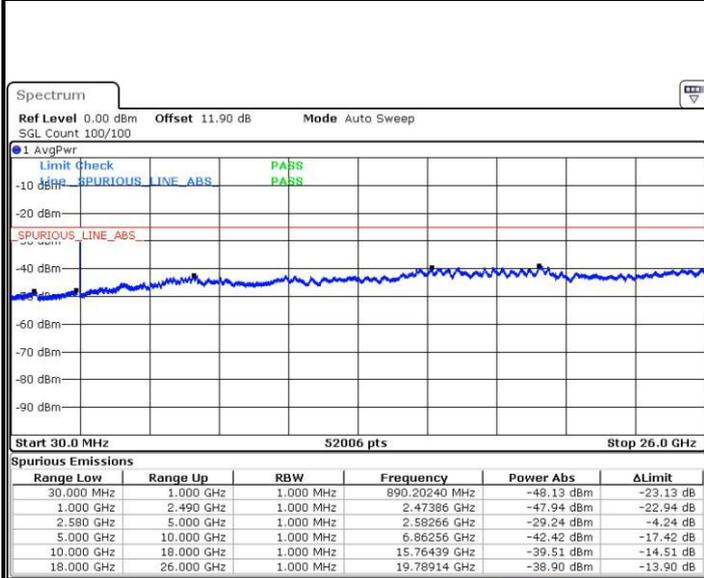


Date: 9.OCT.2016 17:36:00



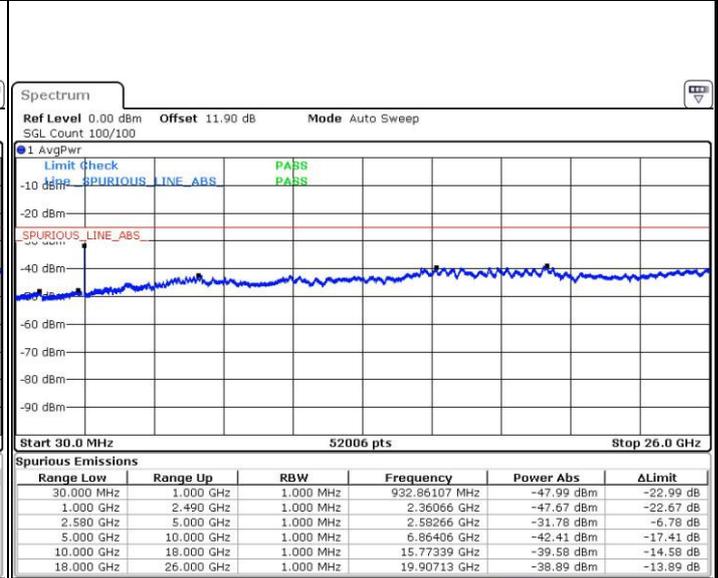
**LTE Band7 / 15MHz**

**Highest Channel / QPSK**



Date: 9.OCT.2016 17:42:14

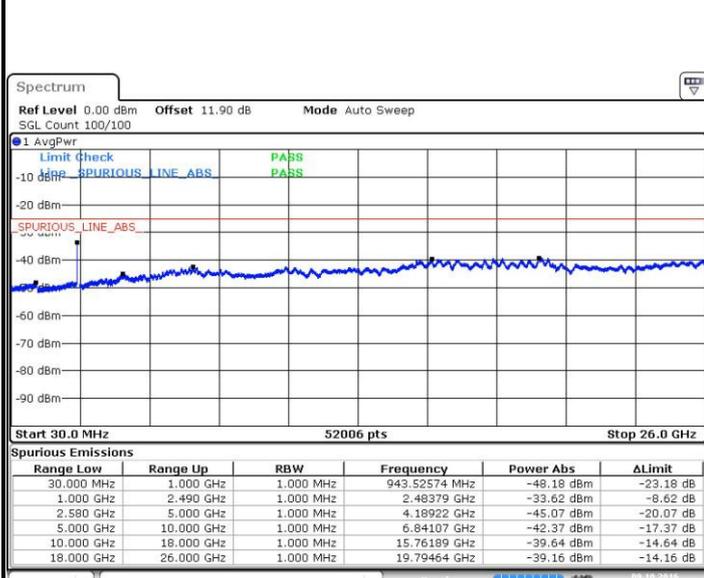
**Highest Channel / 16QAM**



Date: 9.OCT.2016 17:43:08

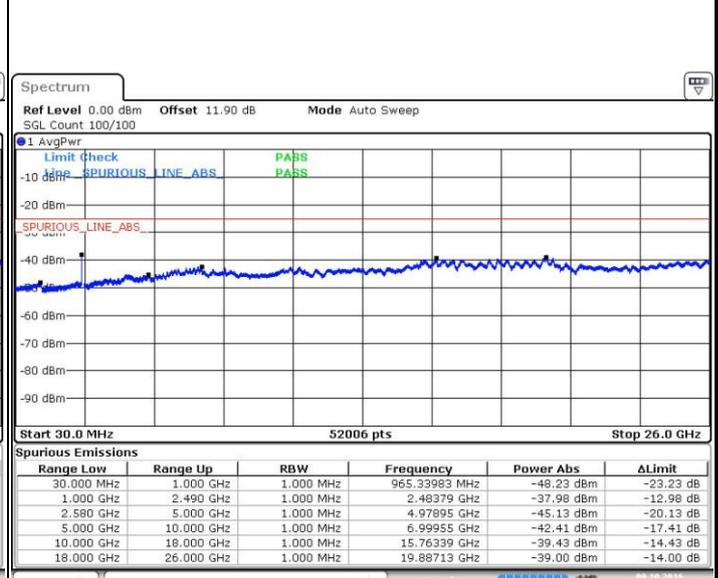
**LTE Band 7 / 20MHz**

**Lowest Channel / QPSK**



Date: 9.OCT.2016 17:49:22

**Lowest Channel / 16QAM**



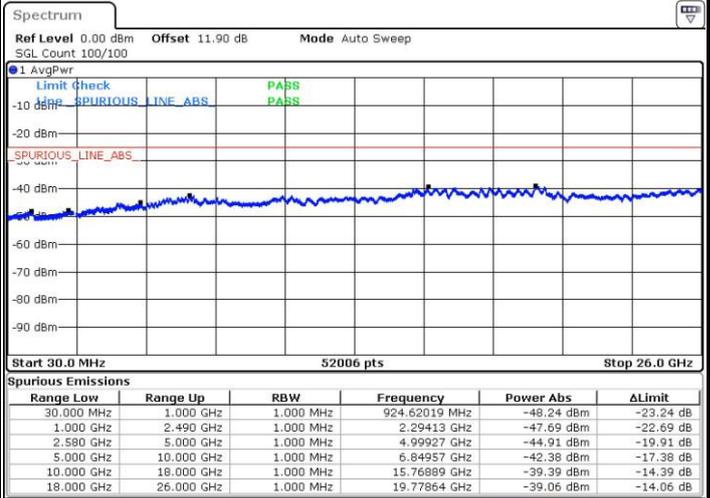
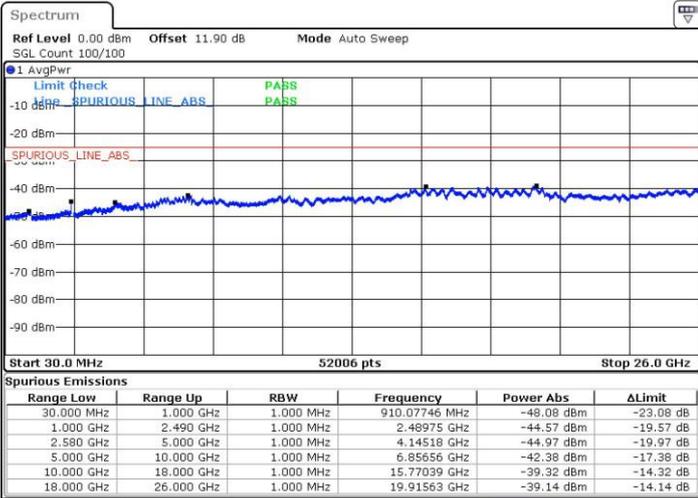
Date: 9.OCT.2016 17:50:16



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

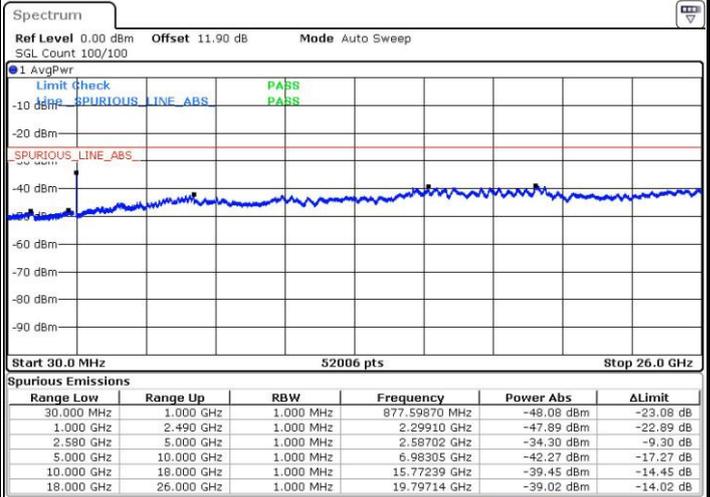
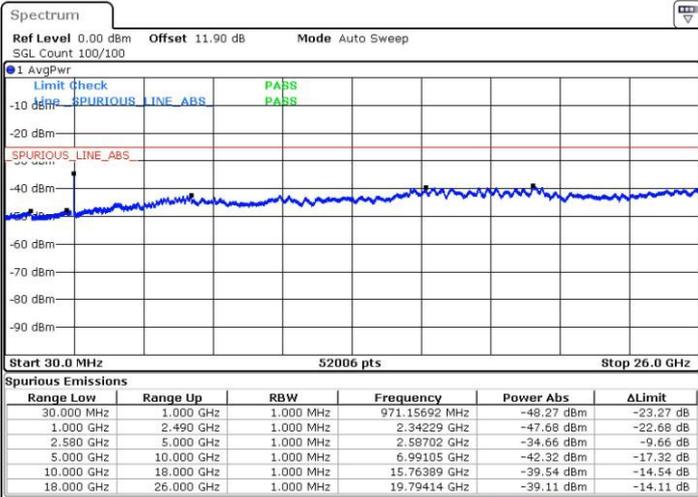


Date: 9.OCT.2016 17:51:51

Date: 9.OCT.2016 17:52:44

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2016 17:58:59

Date: 9.OCT.2016 17:59:53



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0096	
20	Maximum Voltage	0.0096	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0100	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



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

### ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	23.52	0.2249	25.02	0.3177
Middle		3	3	23.55	0.2265	25.05	0.3199
Highest		3	3	23.74	0.2366	25.24	0.3342
Lowest	16QAM	1	0	22.64	0.1837	24.14	0.2594
Middle		1	0	22.60	0.1820	24.10	0.2570
Highest		1	0	22.71	0.1866	24.21	0.2636
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.48	0.2228	24.98	0.3148
Middle		1	0	23.45	0.2213	24.95	0.3126
Highest		1	0	23.78	0.2388	25.28	0.3373
Lowest	16QAM	1	0	22.65	0.1841	24.15	0.2600
Middle		1	0	22.71	0.1866	24.21	0.2636
Highest		1	0	22.85	0.1928	24.35	0.2723
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.41	0.2193	24.91	0.3097
Middle		1	12	23.55	0.2265	25.05	0.3199
Highest		1	12	23.76	0.2377	25.26	0.3357
Lowest	16QAM	1	0	22.71	0.1866	24.21	0.2636
Middle		1	0	22.67	0.1849	24.17	0.2612
Highest		1	0	22.93	0.1963	24.43	0.2773
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.56	0.2270	25.06	0.3206
Middle		1	0	23.50	0.2239	25.00	0.3162
Highest		1	0	23.72	0.2355	25.22	0.3327
Lowest	16QAM	1	0	22.71	0.1866	24.21	0.2636
Middle		1	0	22.67	0.1849	24.17	0.2612
Highest		1	0	22.84	0.1923	24.34	0.2716
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.57	0.2275	25.07	0.3214
Middle		1	0	23.61	0.2296	25.11	0.3243
Highest		1	0	23.78	0.2388	25.28	0.3373
Lowest	16QAM	1	0	22.81	0.1910	24.31	0.2698
Middle		1	0	22.86	0.1932	24.36	0.2729
Highest		1	0	22.92	0.1959	24.42	0.2767
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 1.5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.67	0.2328	25.17	0.3289
Middle		1	0	23.80	0.2399	25.30	0.3388
Highest		1	0	23.79	0.2393	25.29	0.3381
Lowest	16QAM	1	0	22.97	0.1982	24.47	0.2799
Middle		1	0	23.00	0.1995	24.50	0.2818
Highest		1	0	22.95	0.1972	24.45	0.2786
Limit	EIRP < 2W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.15	0.2600	19.00	0.0794
Middle		1	0	24.43	0.2773	19.28	0.0847
Highest		1	0	24.08	0.2559	18.93	0.0782
Lowest	16QAM	1	0	23.06	0.2023	17.91	0.0618
Middle		1	0	23.32	0.2148	18.17	0.0656
Highest		1	0	23.26	0.2118	18.11	0.0647
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	24.12	0.2582	18.97	0.0789
Middle		1	8	24.43	0.2773	19.28	0.0847
Highest		1	8	24.18	0.2618	19.03	0.0800
Lowest	16QAM	1	8	23.10	0.2042	17.95	0.0624
Middle		1	8	23.32	0.2148	18.17	0.0656
Highest		1	8	22.84	0.1923	17.69	0.0587
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.97	0.2495	18.82	0.0762
Middle		1	0	24.33	0.2710	19.18	0.0828
Highest		1	0	23.85	0.2427	18.70	0.0741
Lowest	16QAM	1	0	22.54	0.1795	17.39	0.0548
Middle		1	0	22.88	0.1941	17.73	0.0593
Highest		1	0	22.50	0.1778	17.35	0.0543
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average) (GT - LC = -3 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.48	0.2805	19.33	0.0857
Middle		1	0	24.50	0.2818	19.35	0.0861
Highest		1	0	24.31	0.2698	19.16	0.0824
Lowest	16QAM	1	0	23.28	0.2128	18.13	0.0650
Middle		1	0	23.45	0.2213	18.30	0.0676
Highest		1	0	23.34	0.2158	18.19	0.0659
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.60	0.2291	22.50	0.1778
Middle		1	0	23.62	0.2301	22.52	0.1786
Highest		1	0	23.35	0.2163	22.25	0.1679
Lowest	16QAM	1	0	21.94	0.1563	20.84	0.1213
Middle		1	0	21.99	0.1581	20.89	0.1227
Highest		1	0	21.93	0.1560	20.83	0.1211
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.72	0.2355	22.62	0.1828
Middle		1	0	23.83	0.2415	22.73	0.1875
Highest		1	0	23.36	0.2168	22.26	0.1683
Lowest	16QAM	1	0	21.93	0.1560	20.83	0.1211
Middle		1	0	22.08	0.1614	20.98	0.1253
Highest		1	0	21.96	0.1570	20.86	0.1219
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.80	0.2399	22.70	0.1862
Middle		1	0	23.88	0.2443	22.78	0.1897
Highest		1	0	23.53	0.2254	22.43	0.1750
Lowest	16QAM	1	0	22.08	0.1614	20.98	0.1253
Middle		1	0	22.16	0.1644	21.06	0.1276
Highest		1	0	22.06	0.1607	20.96	0.1247
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average) (GT - LC = -1.1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.97	0.2495	22.87	0.1936
Middle		1	0	24.00	0.2512	22.90	0.1950
Highest		1	0	23.98	0.2500	22.88	0.1941
Lowest	16QAM	1	0	22.54	0.1795	21.44	0.1393
Middle		1	0	22.67	0.1849	21.57	0.1435
Highest		1	0	22.56	0.1803	21.46	0.1400
Limit	EIRP < 2W			Result		PASS	



# Radiated Spurious Emission

## LTE Band 2

LTE Band 2 / 1.4MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-53.72	-13	-40.72	-47.53	-60.29	1.67	8.24	H
	5548	-43.33	-13	-30.33	-43.9	-50.40	2.65	9.72	H
	7403	-41.58	-13	-28.58	-47.56	-50.73	2.46	11.61	H
	9251	-54.05	-13	-41.05	-64.03	-64.11	2.54	12.60	H
									H
	3700	-56.88	-13	-43.88	-50.44	-63.45	1.67	8.24	V
	5548	-40.87	-13	-27.87	-41.4	-47.94	2.65	9.72	V
	7403	-45.78	-13	-32.78	-52.06	-54.93	2.46	11.61	V
	9251	-56.75	-13	-43.75	-65.32	-66.81	2.54	12.60	V
									V
Middle	3756	-50.11	-13	-37.11	-43.98	-56.73	1.68	8.31	H
	5639	-39.06	-13	-26.06	-39.87	-46.11	2.71	9.76	H
	7515	-43.55	-13	-30.55	-49.78	-52.93	2.42	11.81	H
	9398	-52.08	-13	-39.08	-62.59	-62.05	2.57	12.54	H
	11273	-54.83	-13	-41.83	-69.55	-64.54	2.68	12.39	H
	13154	-53.04	-13	-40.04	-70.61	-63.29	2.97	13.22	H
									H
	3756	-55.55	-13	-42.55	-49.2	-62.17	1.68	8.31	V
	5639	-41.40	-13	-28.40	-42.15	-48.45	2.71	9.76	V
	7515	-45.79	-13	-32.79	-52.31	-55.17	2.42	11.81	V
	9398	-52.72	-13	-39.72	-61.58	-62.69	2.57	12.54	V
	11273	-53.36	-13	-40.36	-67.86	-63.07	2.68	12.39	V
	13154	-54.07	-13	-41.07	-70.8	-64.32	2.97	13.22	V
								V	
Highest	3819	-48.82	-13	-35.82	-42.78	-55.498544	1.70	8.38	H
	5723	-42.53	-13	-29.53	-43.57	-49.565752	2.75	9.79	H
	7634	-44.32	-13	-31.32	-50.75	-53.814365	2.39	11.88	H
	9545	-55.47	-13	-42.47	-66.53	-65.343598	2.60	12.47	H
	11453	-55.19	-13	-42.19	-70.11	-64.825604	2.68	12.32	H
	13361	-51.49	-13	-38.49	-69.56	-61.974428	3.02	13.51	H
									H
	3819	-54.36	-13	-41.36	-48.12	-61.038544	1.70	8.38	V
	5723	-40.13	-13	-27.13	-41.1	-47.165752	2.75	9.79	V
	7634	-47.07	-13	-34.07	-53.74	-56.564365	2.39	11.88	V
	9545	-52.98	-13	-39.98	-62.23	-62.853598	2.60	12.47	V
	11453	-53.51	-13	-40.51	-68.35	-63.145604	2.68	12.32	V
	13361	-52.10	-13	-39.10	-69.32	-62.584428	3.02	13.51	V
								V	

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



LTE Band 2 / 3MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-53.49	-13	-40.49	-47.3	-60.06	1.67	8.24	H
	5548	-42.64	-13	-29.64	-43.21	-49.71	2.65	9.72	H
	7403	-45.74	-13	-32.74	-51.72	-54.89	2.46	11.61	H
	9251	-52.25	-13	-39.25	-62.23	-62.31	2.54	12.60	H
	11102	-55.71	-13	-42.71	-70.25	-65.48	2.69	12.46	H
									H
									H
	3700	-55.52	-13	-42.52	-49.08	-62.09	1.67	8.24	V
	5548	-41.70	-13	-28.70	-42.23	-48.77	2.65	9.72	V
	7403	-47.55	-13	-34.55	-53.83	-56.70	2.46	11.61	V
	9251	-53.08	-13	-40.08	-61.65	-63.14	2.54	12.60	V
	11102	-53.74	-13	-40.74	-67.91	-63.51	2.69	12.46	V
								V	
								V	
Middle	3756	-53.68	-13	-40.68	-47.55	-60.30	1.68	8.31	H
	5639	-46.17	-13	-33.17	-46.98	-53.22	2.71	9.76	H
	7515	-48.98	-13	-35.98	-55.21	-58.36	2.42	11.81	H
	9391	-55.45	-13	-42.45	-65.96	-65.43	2.57	12.54	H
	11273	-55.01	-13	-42.01	-69.73	-64.72	2.68	12.39	H
	13151	-52.54	-13	-39.54	-70.11	-62.78	2.97	13.21	H
									H
	3756	-58.30	-13	-45.30	-51.95	-64.92	1.68	8.31	V
	5639	-44.40	-13	-31.40	-45.15	-51.45	2.71	9.76	V
	7515	-51.14	-13	-38.14	-57.66	-60.52	2.42	11.81	V
	9391	-55.01	-13	-42.01	-63.87	-64.99	2.57	12.54	V
	11273	-51.80	-13	-38.80	-66.3	-61.51	2.68	12.39	V
13151	-53.71	-13	-40.71	-70.44	-63.95	2.97	13.21	V	
								V	
								V	
Highest	3812	-49.62	-13	-36.62	-43.56	-56.292338	1.70	8.37	H
	5723	-40.69	-13	-27.69	-41.73	-47.725752	2.75	9.79	H
	7627	-47.38	-13	-34.38	-53.81	-56.867908	2.39	11.88	H
	9538	-54.85	-13	-41.85	-65.85	-64.729299	2.60	12.48	H
	11444	-54.72	-13	-41.72	-69.61	-64.359118	2.68	12.32	H
	13350	-51.85	-13	-38.85	-69.88	-62.3218	3.02	13.49	H
									H
	3812	-53.31	-13	-40.31	-47.04	-59.982338	1.70	8.37	V
	5723	-39.66	-13	-26.66	-40.63	-46.695752	2.75	9.79	V
	7627	-49.16	-13	-36.16	-55.83	-58.647908	2.39	11.88	V
	9538	-53.20	-13	-40.20	-62.38	-63.079299	2.60	12.48	V
	11444	-51.32	-13	-38.32	-66.13	-60.959118	2.68	12.32	V
13350	-52.58	-13	-39.58	-69.76	-63.0518	3.02	13.49	V	
								V	
								V	

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



LTE Band 2 / 5MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-54.61	-13	-41.61	-48.42	-61.18	1.67	8.24	H
	5548	-40.33	-13	-27.33	-40.9	-47.40	2.65	9.72	H
	7403	-46.88	-13	-33.88	-52.86	-56.03	2.46	11.61	H
	9251	-51.09	-13	-38.09	-61.07	-61.15	2.54	12.60	H
									H
									H
									H
	3700	-54.56	-13	-41.56	-48.12	-61.13	1.67	8.24	V
	5548	-40.22	-13	-27.22	-40.75	-47.29	2.65	9.72	V
	7403	-48.14	-13	-35.14	-54.42	-57.29	2.46	11.61	V
	9251	-54.13	-13	-41.13	-62.7	-64.19	2.54	12.60	V
									V
									V
									V
Middle	3756	-52.42	-13	-39.42	-46.29	-59.04	1.68	8.31	H
	5632	-42.43	-13	-29.43	-43.19	-49.48	2.70	9.75	H
	7508	-44.14	-13	-31.14	-50.37	-53.52	2.43	11.80	H
	9391	-54.27	-13	-41.27	-64.78	-64.25	2.57	12.54	H
	11264	-53.56	-13	-40.56	-68.28	-63.27	2.68	12.39	H
	13144	-53.20	-13	-40.20	-70.73	-63.44	2.97	13.20	H
									H
	3756	-54.70	-13	-41.70	-48.35	-61.32	1.68	8.31	V
	5632	-39.67	-13	-26.67	-40.38	-46.72	2.70	9.75	V
	7508	-48.18	-13	-35.18	-54.7	-57.56	2.43	11.80	V
	9391	-55.44	-13	-42.44	-64.3	-65.42	2.57	12.54	V
	11264	-53.05	-13	-40.05	-67.55	-62.76	2.68	12.39	V
	13144	-53.89	-13	-40.89	-70.58	-64.13	2.97	13.20	V
									V
Highest	3812	-48.61	-13	-35.61	-42.55	-55.28	1.70	8.37	H
	5716	-40.26	-13	-27.26	-41.25	-47.3	2.75	9.79	H
	7620	-47.79	-13	-34.79	-54.2	-57.27	2.39	11.87	H
	9524	-55.10	-13	-42.10	-66.03	-64.99	2.59	12.49	H
	11434	-54.40	-13	-41.40	-69.29	-64.04	2.68	12.33	H
	13336	-51.94	-13	-38.94	-69.97	-62.4	3.01	13.47	H
	15244	-52.62	-13	-39.62	-71.42	-62.86	3.70	13.94	H
	3812	-50.74	-13	-37.74	-44.47	-57.41	1.70	8.37	V
	5716	-38.65	-13	-25.65	-39.58	-45.69	2.75	9.79	V
	7620	-47.44	-13	-34.44	-54.08	-56.92	2.39	11.87	V
	9524	-52.92	-13	-39.92	-62.04	-62.81	2.59	12.49	V
	11434	-49.84	-13	-36.84	-64.65	-59.48	2.68	12.33	V
	13336	-53.00	-13	-40.00	-70.18	-63.46	3.01	13.47	V
	15244	-49.73	-13	-36.73	-69.14	-59.97	3.70	13.94	V

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



LTE Band 2 / 10MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-52.85	-13	-39.85	-46.66	-59.42	1.67	8.24	H
	5555	-43.35	-13	-30.35	-43.92	-50.42	2.66	9.72	H
	7403	-45.62	-13	-32.62	-51.6	-54.77	2.46	11.61	H
	9251	-54.16	-13	-41.16	-64.14	-64.22	2.54	12.60	H
									H
									H
									H
	3700	-53.28	-13	-40.28	-46.84	-59.85	1.67	8.24	V
	5548	-40.44	-13	-27.44	-40.97	-47.51	2.65	9.72	V
	7403	-49.12	-13	-36.12	-55.4	-58.27	2.46	11.61	V
	9251	-54.77	-13	-41.77	-63.34	-64.83	2.54	12.60	V
									V
									V
									V
Middle	3749	-51.48	-13	-38.48	-45.35	-58.10	1.68	8.30	H
	5625	-45.14	-13	-32.14	-45.9	-52.19	2.70	9.75	H
	7501	-48.93	-13	-35.93	-55.13	-58.30	2.43	11.80	H
	9377	-54.89	-13	-41.89	-65.34	-64.88	2.56	12.55	H
	11254	-54.44	-13	-41.44	-69.14	-64.15	2.69	12.40	H
	13128	-53.34	-13	-40.34	-70.82	-63.56	2.96	13.18	H
									H
	3749	-55.87	-13	-42.87	-49.52	-62.49	1.68	8.30	V
	5625	-42.66	-13	-29.66	-43.37	-49.71	2.70	9.75	V
	7501	-52.51	-13	-39.51	-59.01	-61.88	2.43	11.80	V
	9377	-56.18	-13	-43.18	-65.01	-66.17	2.56	12.55	V
	11254	-54.16	-13	-41.16	-68.62	-63.87	2.69	12.40	V
	13128	-54.05	-13	-41.05	-70.7	-64.27	2.96	13.18	V
									V
								V	
Highest	3798	-47.06	-13	-34.06	-41	-53.72	1.70	8.36	H
	5702	-39.68	-13	-26.68	-40.67	-46.72	2.74	9.78	H
	7599	-49.25	-13	-36.25	-55.63	-58.71	2.40	11.86	H
	9503	-55.19	-13	-42.19	-66.05	-65.1	2.59	12.50	H
	11406	-55.56	-13	-42.56	-70.42	-65.213957	2.68	12.34	H
	13304	-52.03	-13	-39.03	-69.98	-62.448992	3.01	13.43	H
									H
	3798	-50.66	-13	-37.66	-44.39	-57.32	1.70	8.36	V
	5702	-38.38	-13	-25.38	-39.31	-45.42	2.74	9.78	V
	7599	-50.59	-13	-37.59	-57.21	-60.05	2.40	11.86	V
	9503	-53.14	-13	-40.14	-62.19	-63.05	2.59	12.50	V
	11406	-53.93	-13	-40.93	-68.68	-63.583957	2.68	12.34	V
	13304	-52.85	-13	-39.85	-69.95	-63.268992	3.01	13.43	V
									V
								V	

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



LTE Band 2 / 15MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-52.30	-13	-39.30	-46.11	-58.87	1.67	8.24	H
	5555	-39.44	-13	-26.44	-40.01	-46.51	2.66	9.72	H
	7403	-44.82	-13	-31.82	-50.8	-53.97	2.46	11.61	H
	9251	-55.03	-13	-42.03	-65.06	-65.09	2.54	12.60	H
									H
									H
									H
	3700	-52.34	-13	-39.34	-45.9	-58.91	1.67	8.24	V
	5555	-39.41	-13	-26.41	-39.94	-46.48	2.66	9.72	V
	7403	-49.41	-13	-36.41	-55.69	-58.56	2.46	11.61	V
	9251	-54.17	-13	-41.17	-62.78	-64.23	2.54	12.60	V
									V
									V
									V
Middle	3749	-50.96	-13	-37.96	-44.83	-57.58	1.68	8.30	H
	5618	-43.07	-13	-30.07	-43.83	-50.12	2.69	9.75	H
	7494	-49.04	-13	-36.04	-55.24	-58.40	2.43	11.79	H
	9370	-55.61	-13	-42.61	-66	-65.60	2.56	12.55	H
	11235	-54.71	-13	-41.71	-69.39	-64.43	2.69	12.41	H
	13113	-53.60	-13	-40.60	-71.08	-63.80	2.96	13.16	H
									H
	3749	-57.07	-13	-44.07	-50.72	-63.69	1.68	8.30	V
	5618	-42.58	-13	-29.58	-43.29	-49.63	2.69	9.75	V
	7494	-53.31	-13	-40.31	-59.81	-62.67	2.43	11.79	V
	9370	-55.43	-13	-42.43	-64.23	-65.42	2.56	12.55	V
	11235	-53.66	-13	-40.66	-68.08	-63.38	2.69	12.41	V
	13113	-54.23	-13	-41.23	-70.88	-64.43	2.96	13.16	V
									V
								V	
Highest	3791	-48.93	-13	-35.93	-42.85	-55.58	1.70	8.35	H
	5688	-37.16	-13	-24.16	-38.11	-44.2	2.73	9.78	H
	7585	-48.53	-13	-35.53	-54.88	-57.98	2.40	11.85	H
	9482	-55.44	-13	-42.44	-66.25	-65.36	2.59	12.51	H
	11377	-55.02	-13	-42.02	-69.85	-64.685282	2.68	12.35	H
	13270	-52.54	-13	-39.54	-70.4	-62.91996	3.00	13.38	H
									H
	3791	-52.22	-13	-39.22	-45.93	-58.87	1.70	8.35	V
	5688	-39.34	-13	-26.34	-40.22	-46.38	2.73	9.78	V
	7585	-50.51	-13	-37.51	-57.11	-59.96	2.40	11.85	V
	9482	-53.59	-13	-40.59	-62.61	-63.51	2.59	12.51	V
	11377	-53.89	-13	-40.89	-68.58	-63.555282	2.68	12.35	V
	13270	-53.23	-13	-40.23	-70.24	-63.60996	3.00	13.38	V
									V
								V	

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



LTE Band 2 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700	-52.30	-13	-39.30	-46.11	-58.87	1.67	8.24	H
	5555	-39.44	-13	-26.44	-40.01	-46.51	2.66	9.72	H
	7403	-44.82	-13	-31.82	-50.8	-53.97	2.46	11.61	H
	9258	-55.03	-13	-42.03	-65.06	-65.09	2.54	12.60	H
									H
									H
									H
	3700	-52.34	-13	-39.34	-45.9	-58.91	1.67	8.24	V
	5555	-39.41	-13	-26.41	-39.94	-46.48	2.66	9.72	V
	7403	-49.41	-13	-36.41	-55.69	-58.56	2.46	11.61	V
	9258	-54.17	-13	-41.17	-62.78	-64.23	2.54	12.60	V
									V
									V
									V
Middle	3742	-50.21	-13	-37.21	-44.07	-56.82	1.68	8.29	H
	5611	-40.93	-13	-27.93	-41.64	-47.99	2.69	9.74	H
	7487	-49.50	-13	-36.50	-55.7	-58.84	2.43	11.77	H
	9356	-55.10	-13	-42.10	-65.49	-65.10	2.56	12.56	H
	11226	-55.25	-13	-42.25	-69.93	-64.97	2.69	12.41	H
	13097	-52.78	-13	-39.78	-70.23	-62.96	2.95	13.14	H
									H
	3742	-57.29	-13	-44.29	-50.91	-63.90	1.68	8.29	V
	5611	-41.38	-13	-28.38	-42.04	-48.44	2.69	9.74	V
	7487	-53.10	-13	-40.10	-59.6	-62.44	2.43	11.77	V
	9356	-54.58	-13	-41.58	-63.38	-64.58	2.56	12.56	V
	11226	-53.74	-13	-40.74	-68.16	-63.46	2.69	12.41	V
	13097	-54.21	-13	-41.21	-70.82	-64.39	2.95	13.14	V
									V
								V	
Highest	3784	-51.25	-13	-38.25	-45.17	-57.897516	1.69	8.34	H
	5674	-40.42	-13	-27.42	-41.32	-47.464376	2.73	9.77	H
	7564	-49.65	-13	-36.65	-55.97	-59.07979	2.41	11.84	H
	9454	-54.97	-13	-41.97	-65.66	-64.908517	2.58	12.52	H
	11349	-54.82	-13	-41.82	-69.63	-64.496216	2.68	12.36	H
	13239	-51.98	-13	-38.98	-69.76	-62.324372	2.99	13.33	H
									H
	3784	-51.41	-13	-38.41	-45.12	-58.057516	1.69	8.34	V
	5674	-39.94	-13	-26.94	-40.78	-46.984376	2.73	9.77	V
	7564	-52.02	-13	-39.02	-58.6	-61.44979	2.41	11.84	V
	9454	-52.25	-13	-39.25	-61.2	-62.188517	2.58	12.52	V
	11349	-53.18	-13	-40.18	-67.83	-62.856216	2.68	12.36	V
	13239	-53.14	-13	-40.14	-70.07	-63.484372	2.99	13.33	V
									V
								V	

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



## LTE Band 5

LTE Band 5 / 1.4MHz / QPSK									
Channel	Frequency ( MHz )	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	1648	-59.17	-13	-46.17	-45.95	-60.93	0.98	4.89	H
	2472	-49.12	-13	-36.12	-39.82	-51.00	1.28	5.32	H
	8240	-56.11	-13	-43.11	-63.85	-63.93	2.32	12.29	H
									H
									H
									H
	1648	-54.82	-13	-41.82	-41.77	-56.58	0.98	4.89	V
	2472	-51.05	-13	-38.05	-41.78	-52.93	1.28	5.32	V
	8240	-52.15	-13	-39.15	-59.79	-59.97	2.32	12.29	V
									V
									V
Middle	1672	-57.18	-13	-44.18	-44.12	-58.86	0.99	4.82	H
	2504	-45.44	-13	-32.44	-36.22	-47.40	1.29	5.40	H
	8360	-55.58	-13	-42.58	-63.64	-63.47	2.35	12.39	H
									H
									H
									H
	1672	-54.07	-13	-41.07	-41.11	-55.75	0.99	4.82	V
	2504	-45.48	-13	-32.48	-36.3	-47.44	1.29	5.40	V
	8360	-52.88	-13	-39.88	-60.77	-60.77	2.35	12.39	V
									V
									V
Highest	1696	-63.14	-13	-50.14	-50.16	-64.74	1.00	4.75	H
	2544	-48.91	-13	-35.91	-39.87	-50.89	1.30	5.44	H
	8480	-53.25	-13	-40.25	-61.64	-61.21	2.37	12.48	H
									H
									H
									H
	1696	-63.43	-13	-50.43	-50.52	-65.03	1.00	4.75	V
	2544	-48.89	-13	-35.89	-39.88	-50.87	1.30	5.44	V
	8480	-50.72	-13	-37.72	-58.87	-58.68	2.37	12.48	V
									V
									V

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



LTE Band 5 / 3MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-59.05	-13	-46.05	-45.83	-60.81	0.98	4.89	H
	2472	-51.16	-13	-38.16	-41.86	-53.04	1.28	5.32	H
	8240	-56.85	-13	-43.85	-64.59	-64.67	2.32	12.29	H
									H
									H
									H
	1648	-55.74	-13	-42.74	-42.69	-57.50	0.98	4.89	V
	2472	-53.97	-13	-40.97	-44.69	-55.85	1.28	5.32	V
	8240	-54.66	-13	-41.66	-62.3	-62.48	2.32	12.29	V
									V
									V
									V
Middle	1672	-56.20	-13	-43.20	-43.14	-57.88	0.99	4.82	H
	2504	-45.85	-13	-32.85	-36.63	-47.81	1.29	5.40	H
	8352	-55.71	-13	-42.71	-63.72	-63.60	2.34	12.38	H
									H
									H
									H
	1672	-53.13	-13	-40.13	-40.17	-54.81	0.99	4.82	V
	2504	-46.36	-13	-33.36	-37.18	-48.32	1.29	5.40	V
	8352	-52.60	-13	-39.60	-60.45	-60.49	2.34	12.38	V
									V
									V
									V
Highest	1688	-56.85	-13	-43.85	-43.79	-58.48	1.00	4.77	H
	2536	-44.82	-13	-31.82	-35.72	-46.80	1.30	5.43	H
	8464	-55.33	-13	-42.33	-63.68	-63.28	2.37	12.47	H
									H
									H
									H
	1688	-53.99	-13	-40.99	-41.03	-55.62	1.00	4.77	V
	2536	-43.62	-13	-30.62	-34.55	-45.60	1.30	5.43	V
	8464	-50.88	-13	-37.88	-59	-58.83	2.37	12.47	V
									V
									V
									V

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



LTE Band 5 / 5MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-59.87	-13	-46.87	-46.65	-61.63	0.98	4.89	H
	2472	-56.44	-13	-43.44	-47.14	-58.32	1.28	5.32	H
	8240	-56.29	-13	-43.29	-64.03	-64.11	2.32	12.29	H
									H
									H
									H
									H
	1648	-57.49	-13	-44.49	-44.44	-59.25	0.98	4.89	V
	2472	-55.37	-13	-42.37	-46.09	-57.25	1.28	5.32	V
	8240	-53.81	-13	-40.81	-61.45	-61.63	2.32	12.29	V
									V
	Middle	1664	-61.70	-13	-48.70	-48.56	-63.41	0.98	4.84
2504		-52.42	-13	-39.42	-43.2	-54.38	1.29	5.40	H
8344		-56.36	-13	-43.36	-64.37	-64.24	2.34	12.38	H
									H
									H
									H
									H
1664		-59.75	-13	-46.75	-46.75	-61.46	0.98	4.84	V
2504		-51.75	-13	-38.75	-42.57	-53.71	1.29	5.40	V
8344		-53.24	-13	-40.24	-61.09	-61.12	2.34	12.38	V
									V
Highest		1688	-60.87	-13	-47.87	-47.81	-62.50	1.00	4.77
	2536	-51.87	-13	-38.87	-42.77	-53.85	1.30	5.43	H
	8440	-57.09	-13	-44.09	-65.39	-65.03	2.36	12.45	H
									H
									H
									H
									H
	1688	-56.85	-13	-43.85	-43.89	-58.48	1.00	4.77	V
	2536	-50.31	-13	-37.31	-41.24	-52.29	1.30	5.43	V
	8440	-53.50	-13	-40.50	-61.58	-61.44	2.36	12.45	V
									V
									V
								V	

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



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-60.46	-13	-47.46	-47.24	-62.22	0.98	4.89	H
	2472	-58.67	-13	-45.67	-49.37	-60.55	1.28	5.32	H
	8248	-56.86	-13	-43.86	-64.6	-64.69	2.32	12.30	H
									H
									H
									H
									H
	1648	-58.91	-13	-45.91	-45.86	-60.67	0.98	4.89	V
	2472	-59.29	-13	-46.29	-50.01	-61.17	1.28	5.32	V
	8248	-54.90	-13	-41.90	-62.54	-62.73	2.32	12.30	V
									V
	Middle	1664	-61.79	-13	-48.79	-48.65	-63.50	0.98	4.84
2496		-49.67	-13	-36.67	-40.45	-51.62	1.29	5.39	H
8320		-56.45	-13	-43.45	-64.42	-64.32	2.34	12.36	H
									H
									H
									H
									H
1664		-59.12	-13	-46.12	-46.12	-60.83	0.98	4.84	V
2496		-48.00	-13	-35.00	-38.82	-49.95	1.29	5.39	V
8320		-54.26	-13	-41.26	-62.08	-62.13	2.34	12.36	V
									V
Highest		1680	-59.37	-13	-46.37	-46.31	-61.02	0.99	4.80
	2520	-52.18	-13	-39.18	-43.02	-54.15	1.30	5.42	H
	8400	-57.55	-13	-44.55	-65.71	-65.47	2.35	12.42	H
									H
									H
									H
									H
	1680	-56.78	-13	-43.78	-43.82	-58.43	0.99	4.80	V
	2520	-53.78	-13	-40.78	-44.66	-55.75	1.30	5.42	V
	8400	-54.45	-13	-41.45	-62.42	-62.37	2.35	12.42	V
									V
									V
								V	

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



## LTE Band 7

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	4998	-46.91	-25	-21.91	-46.09	-54.27	2.34	9.70	H	
	7500	-37.98	-25	-12.98	-44.18	-47.35	2.43	11.80	H	
	9999	-35.12	-25	-10.12	-47.87	-44.62	2.70	12.20	H	
	12501	-42.13	-25	-17.13	-57.59	-51.73	2.80	12.40	H	
	15003	-48.30	-25	-23.30	-65.99	-58.30	3.60	13.60	H	
										H
	4998	-54.03	-25	-29.03	-52.98	-61.39	2.34	9.70	V	
	7500	-37.75	-25	-12.75	-44.25	-47.12	2.43	11.80	V	
	9999	-38.32	-25	-13.32	-49.33	-47.82	2.70	12.20	V	
	12501	-44.74	-25	-19.74	-59.64	-54.34	2.80	12.40	V	
	15003	-45.32	-25	-20.32	-64.68	-55.32	3.60	13.60	V	
										V
Middle	5064	-47.89	-25	-22.89	-47.23	-55.22	2.37	9.70	H	
	7596	-37.92	-25	-12.92	-44.3	-47.38	2.40	11.86	H	
	10134	-37.79	-25	-12.79	-50.68	-47.35	2.70	12.25	H	
	12663	-42.78	-25	-17.78	-58.78	-52.53	2.85	12.60	H	
	15201	-45.39	-25	-20.39	-63.93	-55.59	3.68	13.88	H	
										H
										H
	5064	-53.94	-25	-28.94	-53.08	-61.27	2.37	9.70	V	
	7596	-36.73	-25	-11.73	-43.35	-46.19	2.40	11.86	V	
	10134	-40.74	-25	-15.74	-52.21	-50.30	2.70	12.25	V	
	12663	-44.79	-25	-19.79	-60.32	-54.54	2.85	12.60	V	
	15201	-45.60	-25	-20.60	-65	-55.80	3.68	13.88	V	
									V	
									V	
Highest	5130	-45.19	-25	-20.19	-44.71	-52.48	2.41	9.70	H	
	7698	-38.00	-25	-13.00	-44.55	-47.55	2.37	11.92	H	
	10260	-38.31	-25	-13.31	-51.33	-47.92	2.69	12.30	H	
	12825	-45.37	-25	-20.37	-61.96	-55.27	2.89	12.79	H	
	15390	-43.86	-25	-18.86	-63.34	-54.25	3.76	14.15	H	
										H
										H
	5130	-48.73	-25	-23.73	-48.07	-56.02	2.41	9.70	V	
	7698	-36.18	-25	-11.18	-42.93	-45.73	2.37	11.92	V	
	10260	-42.38	-25	-17.38	-54.3	-51.99	2.69	12.30	V	
	12825	-48.56	-25	-23.56	-64.42	-58.46	2.89	12.79	V	
	15390	-46.49	-25	-21.49	-65.93	-56.88	3.76	14.15	V	
									V	
									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	4998	-45.73	-25	-20.73	-44.91	-53.09	2.34	9.70	H
	7500	-34.59	-25	-9.59	-40.79	-43.96	2.43	11.80	H
	9999	-35.67	-25	-10.67	-48.42	-45.17	2.70	12.20	H
	12501	-42.16	-25	-17.16	-57.62	-51.76	2.80	12.40	H
	15003	-46.68	-25	-21.68	-64.27	-56.68	3.60	13.60	H
									H
									H
	4998	-52.38	-25	-27.38	-51.33	-59.74	2.34	9.70	V
	7500	-35.25	-25	-10.25	-41.75	-44.62	2.43	11.80	V
	9999	-39.33	-25	-14.33	-50.34	-48.83	2.70	12.20	V
	12501	-44.96	-25	-19.96	-59.86	-54.56	2.80	12.40	V
	15003	-45.05	-25	-20.05	-64.41	-55.05	3.60	13.60	V
									V
									V
Middle	5058	-47.42	-25	-22.42	-46.76	-54.75	2.37	9.70	H
	7590	-36.38	-25	-11.38	-42.76	-45.83	2.40	11.85	H
	10125	-38.09	-25	-13.09	-50.98	-47.64	2.70	12.25	H
	12654	-44.53	-25	-19.53	-60.53	-54.27	2.84	12.58	H
	15183	-44.26	-25	-19.26	-62.71	-54.44	3.67	13.86	H
									H
									H
	5058	-53.49	-25	-28.49	-52.63	-60.82	2.37	9.70	V
	7590	-32.38	-25	-7.38	-39	-41.83	2.40	11.85	V
	10125	-39.49	-25	-14.49	-50.96	-49.04	2.70	12.25	V
	12654	-48.09	-25	-23.09	-63.44	-57.83	2.84	12.58	V
	15183	-45.36	-25	-20.36	-64.75	-55.54	3.67	13.86	V
									V
									V
Highest	5118	-46.08	-25	-21.08	-45.55	-53.38	2.40	9.70	H
	7680	-39.02	-25	-14.02	-45.54	-48.56	2.37	11.91	H
	10242	-38.83	-25	-13.83	-51.84	-48.43	2.69	12.30	H
	12798	-48.28	-25	-23.28	-64.75	-58.16	2.88	12.76	H
	15363	-45.99	-25	-20.99	-65.38	-56.35	3.75	14.11	H
									H
									H
	5118	-51.96	-25	-26.96	-51.24	-59.26	2.40	9.70	V
	7680	-37.02	-25	-12.02	-43.75	-46.56	2.37	11.91	V
	10242	-41.25	-25	-16.25	-53.12	-50.85	2.69	12.30	V
	12798	-50.99	-25	-25.99	-66.75	-60.87	2.88	12.76	V
	15363	-47.65	-25	-22.65	-67.08	-58.01	3.75	14.11	V
									V
									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	5004	-45.92	-25	-20.92	-45.14	-53.28	2.34	9.70	H
	7500	-39.20	-25	-14.20	-45.4	-48.57	2.43	11.80	H
	9999	-36.17	-25	-11.17	-48.92	-45.67	2.70	12.20	H
	12501	-41.42	-25	-16.42	-56.88	-51.02	2.80	12.40	H
	15003	-47.10	-25	-22.10	-64.69	-57.10	3.60	13.60	H
									H
									H
	5004	-51.11	-25	-26.11	-50.11	-58.47	2.34	9.70	V
	7500	-37.15	-25	-12.15	-43.65	-46.52	2.43	11.80	V
	9999	-38.89	-25	-13.89	-49.9	-48.39	2.70	12.20	V
	12501	-45.38	-25	-20.38	-60.28	-54.98	2.80	12.40	V
	15003	-43.98	-25	-18.98	-63.34	-53.98	3.60	13.60	V
									V
									V
Middle	5058	-47.03	-25	-22.03	-46.37	-54.36	2.37	9.70	H
	7584	-36.27	-25	-11.27	-42.62	-45.72	2.40	11.85	H
	10116	-39.00	-25	-14.00	-51.87	-48.55	2.70	12.25	H
	12645	-43.03	-25	-18.03	-58.97	-52.76	2.84	12.57	H
	15174	-46.11	-25	-21.11	-64.56	-56.28	3.67	13.84	H
									H
									H
	5058	-53.82	-25	-28.82	-52.96	-61.15	2.37	9.70	V
	7584	-35.75	-25	-10.75	-42.35	-45.20	2.40	11.85	V
	10116	-42.39	-25	-17.39	-53.8	-51.94	2.70	12.25	V
	12645	-45.47	-25	-20.47	-60.77	-55.20	2.84	12.57	V
	15174	-45.26	-25	-20.26	-64.65	-55.43	3.67	13.84	V
									V
									V
Highest	5112	-47.28	-25	-22.28	-46.75	-54.58	2.40	9.70	H
	7668	-38.59	-25	-13.59	-45.08	-48.12	2.38	11.90	H
	10224	-36.73	-25	-11.73	-49.72	-46.32	2.69	12.29	H
	12780	-43.79	-25	-18.79	-60.2	-53.65	2.87	12.74	H
	15333	-45.24	-25	-20.24	-64.46	-55.57	3.74	14.07	H
									H
									H
	5112	-52.75	-25	-27.75	-52.03	-60.05	2.40	9.70	V
	7668	-36.00	-25	-11.00	-42.71	-45.53	2.38	11.90	V
	10224	-39.62	-25	-14.62	-51.43	-49.21	2.69	12.29	V
	12780	-47.30	-25	-22.30	-63.01	-57.16	2.87	12.74	V
	15333	-48.92	-25	-23.92	-68.35	-59.25	3.74	14.07	V
									V
									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	5004	-46.05	-25	-21.05	-45.27	-53.41	2.34	9.70	H
	7506	-37.10	-25	-12.10	-43.33	-46.48	2.43	11.80	H
	9999	-36.84	-25	-11.84	-49.59	-46.34	2.70	12.20	H
	12501	-39.31	-25	-14.31	-54.77	-48.91	2.80	12.40	H
	15003	-47.68	-25	-22.68	-65.27	-57.68	3.60	13.60	H
									H
									H
	5004	-52.89	-25	-27.89	-51.89	-60.25	2.34	9.70	V
	7506	-36.60	-25	-11.60	-43.12	-45.98	2.43	11.80	V
	9999	-39.03	-25	-14.03	-50.04	-48.53	2.70	12.20	V
	12501	-43.72	-25	-18.72	-58.62	-53.32	2.80	12.40	V
	15003	-44.70	-25	-19.70	-64.06	-54.70	3.60	13.60	V
									V
									V
Middle	5052	-47.77	-25	-22.77	-47.08	-55.10	2.37	9.70	H
	7578	-37.32	-25	-12.32	-43.67	-46.76	2.40	11.85	H
	10107	-38.18	-25	-13.18	-51.05	-47.73	2.70	12.24	H
	12627	-44.55	-25	-19.55	-60.43	-54.27	2.84	12.55	H
	15156	-45.40	-25	-20.40	-63.77	-55.56	3.66	13.82	H
									H
									H
	5052	-53.44	-25	-28.44	-52.54	-60.77	2.37	9.70	V
	7578	-34.84	-25	-9.84	-41.44	-44.28	2.40	11.85	V
	10107	-42.04	-25	-17.04	-53.45	-51.59	2.70	12.24	V
	12627	-47.95	-25	-22.95	-63.2	-57.67	2.84	12.55	V
	15156	-45.39	-25	-20.39	-64.79	-55.55	3.66	13.82	V
									V
									V
Highest	5100	-45.72	-25	-20.72	-45.15	-53.03	2.39	9.70	H
	7656	-37.29	-25	-12.29	-43.78	-46.80	2.38	11.89	H
	10206	-37.44	-25	-12.44	-50.41	-47.03	2.70	12.28	H
	12753	-41.69	-25	-16.69	-57.98	-51.53	2.87	12.70	H
	15309	-44.43	-25	-19.43	-63.56	-54.74	3.73	14.03	H
									H
									H
	5100	-51.25	-25	-26.25	-50.49	-58.56	2.39	9.70	V
	7656	-35.96	-25	-10.96	-42.67	-45.47	2.38	11.89	V
	10206	-40.50	-25	-15.50	-52.25	-50.09	2.70	12.28	V
	12753	-46.24	-25	-21.24	-61.85	-56.08	2.87	12.70	V
	15309	-45.63	-25	-20.63	-65.05	-55.94	3.73	14.03	V
									V
									V

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