

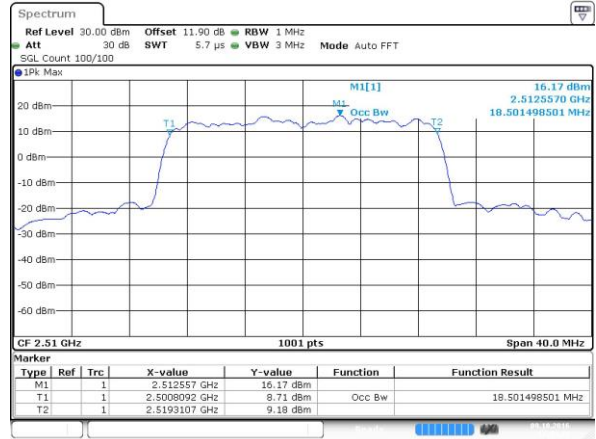


LTE Band 7

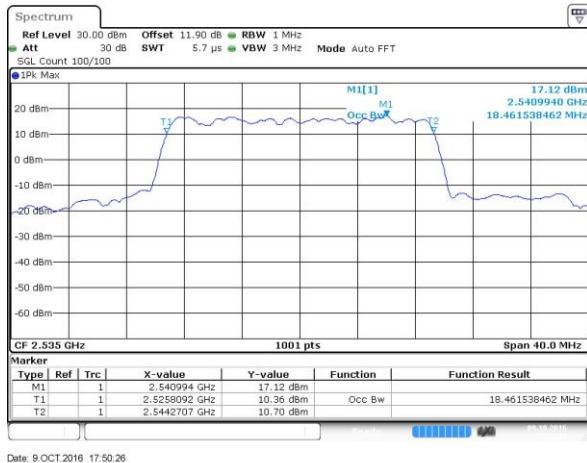
Lowest Channel / 20MHz / QPSK



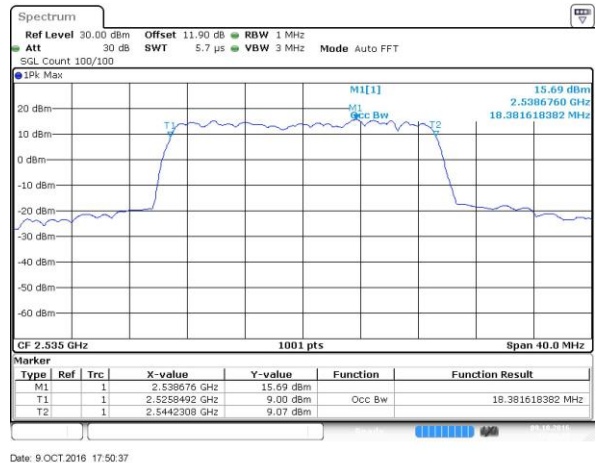
Lowest Channel / 20MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

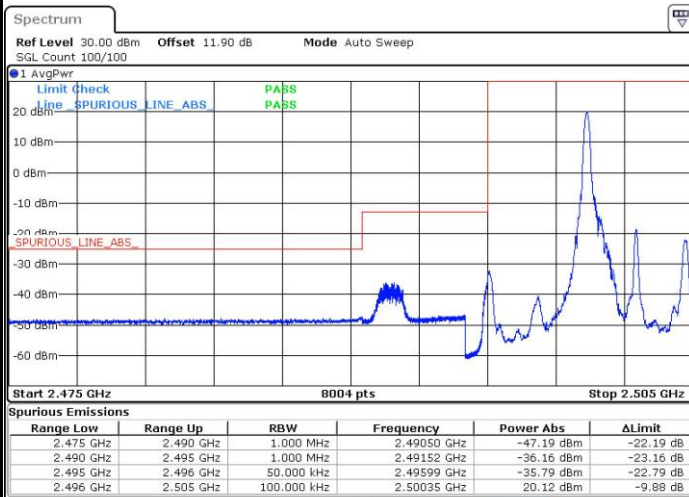




Conducted Band Edge

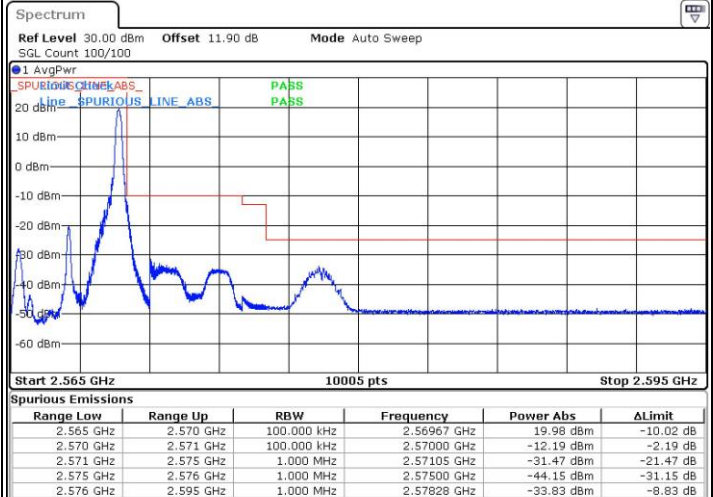
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 9.OCT.2016 18:15:46

Highest Band Edge / 1 RB



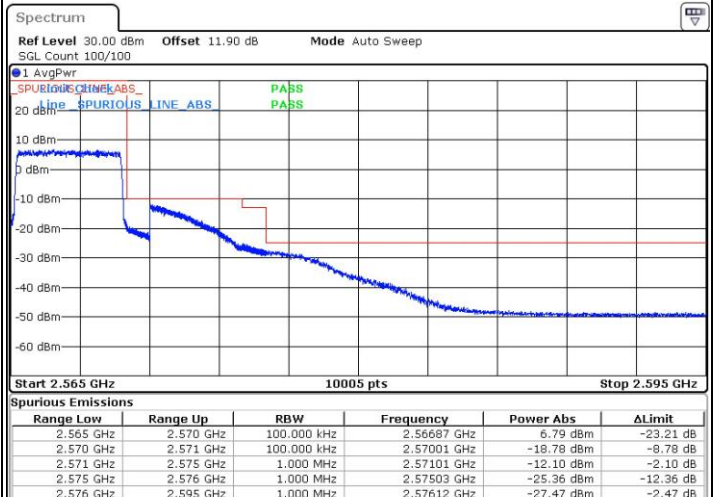
Date: 9.OCT.2016 15:59:14

Lowest Band Edge / Full RB



Date: 9.OCT.2016 15:51:57

Highest Band Edge / Full RB

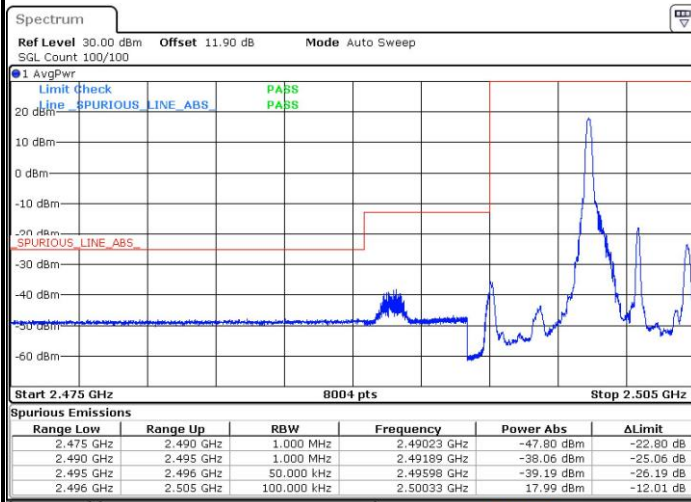


Date: 9.OCT.2016 16:01:33



LTE Band 7 / 5MHz / 16QAM

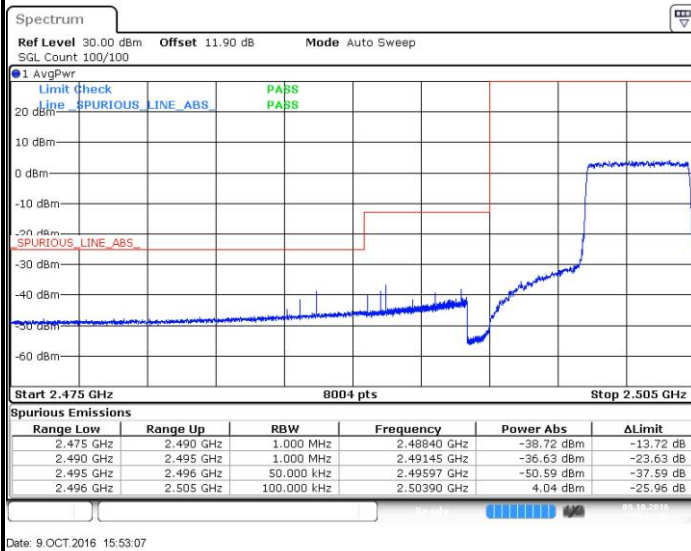
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



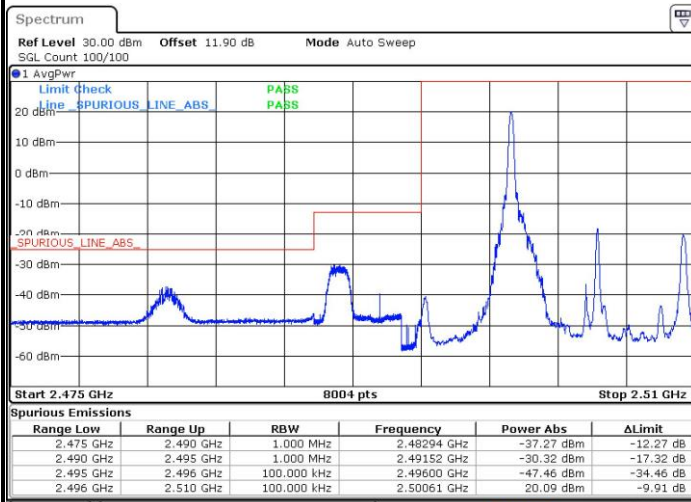
Highest Band Edge / Full RB



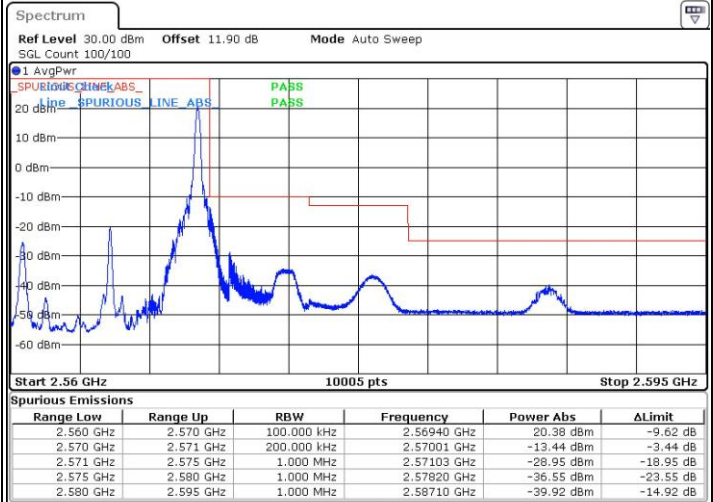


LTE Band 7 / 10MHz / QPSK

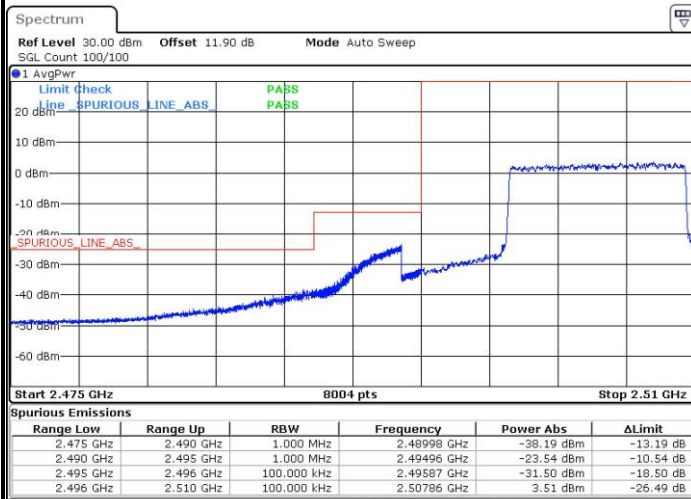
Lowest Band Edge / 1 RB



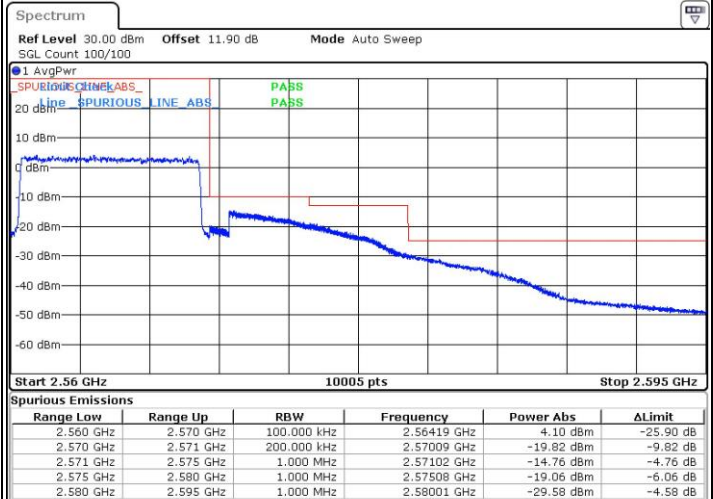
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



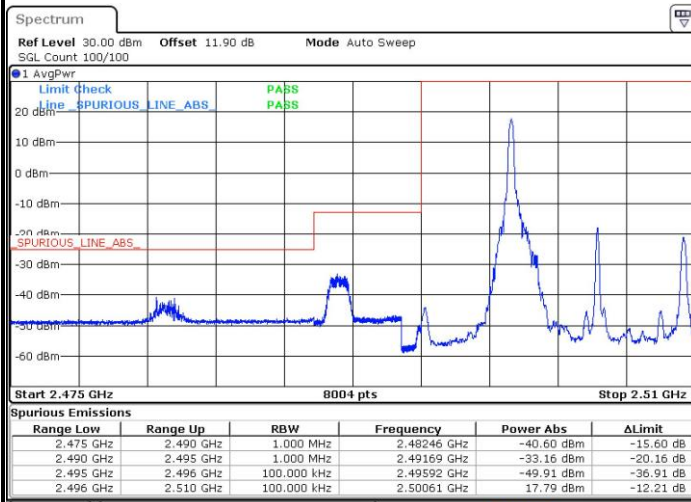
Highest Band Edge / Full RB



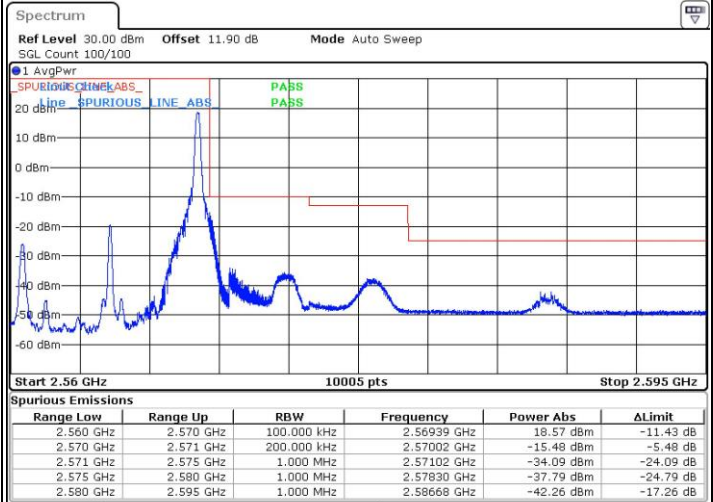


LTE Band 7 / 10MHz / 16QAM

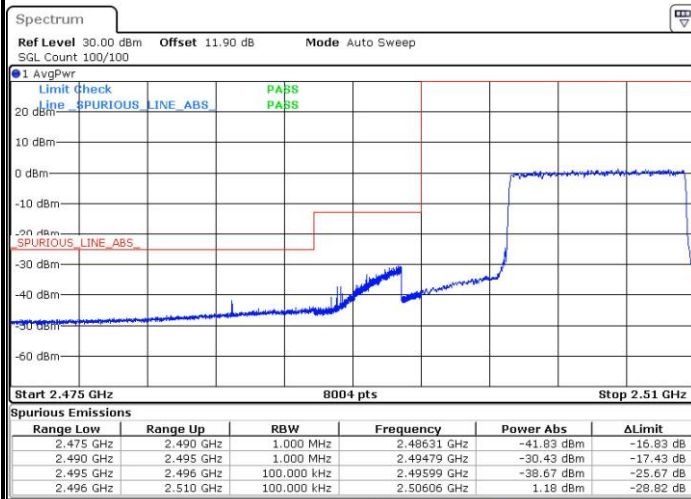
Lowest Band Edge / 1 RB



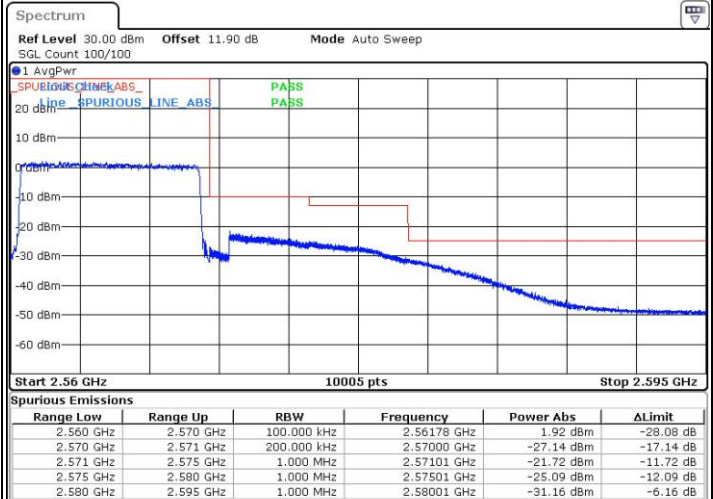
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



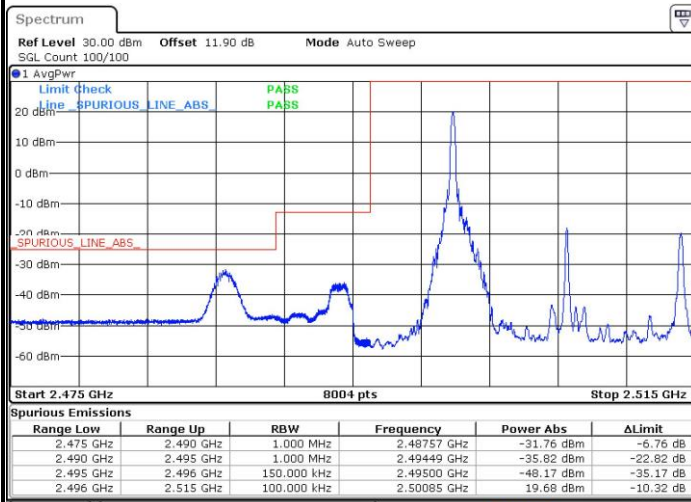
Highest Band Edge / Full RB



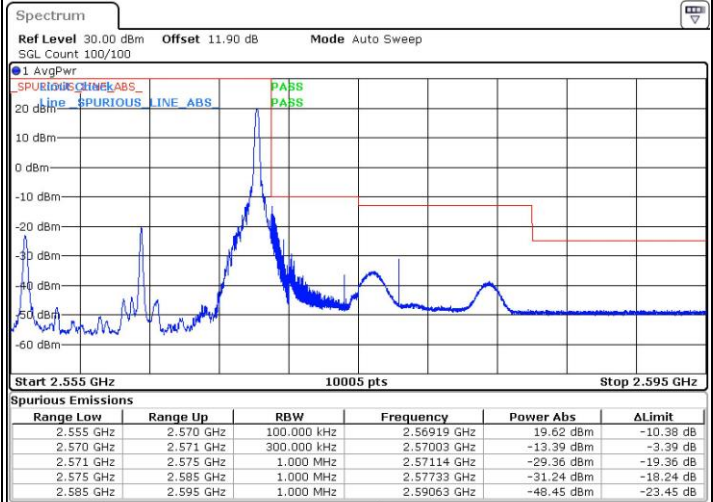


LTE Band 7 / 15MHz / QPSK

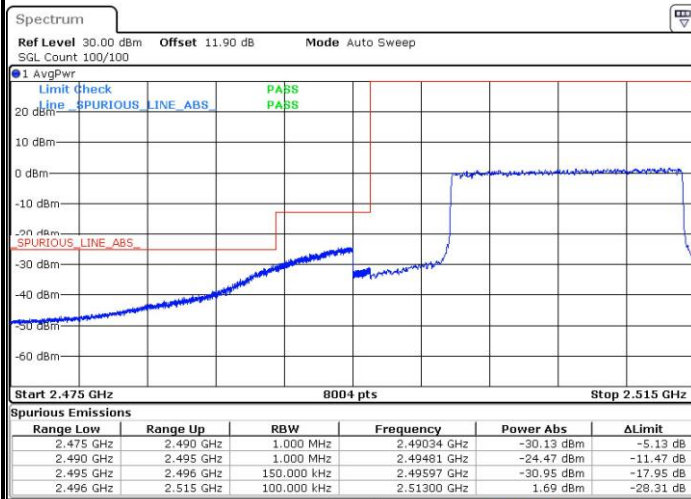
Lowest Band Edge / 1 RB



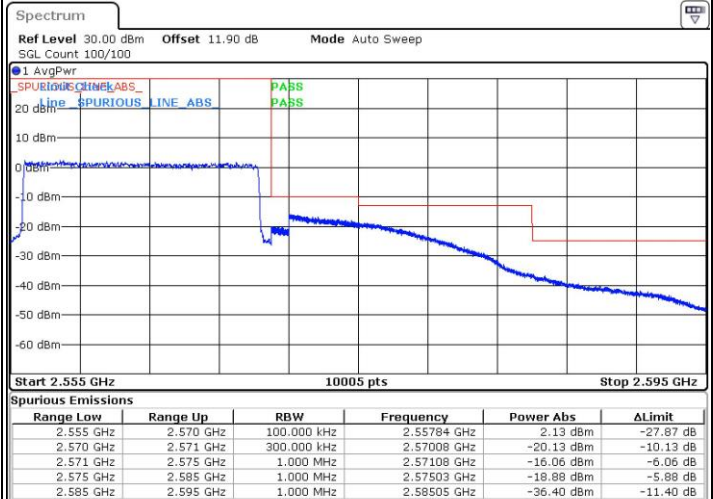
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



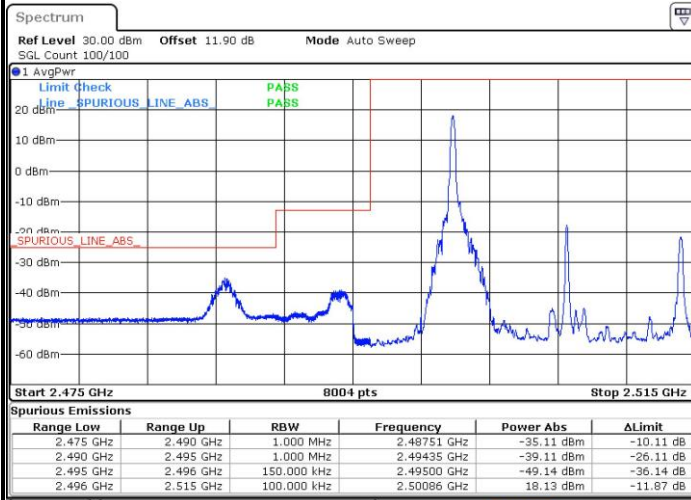
Highest Band Edge / Full RB



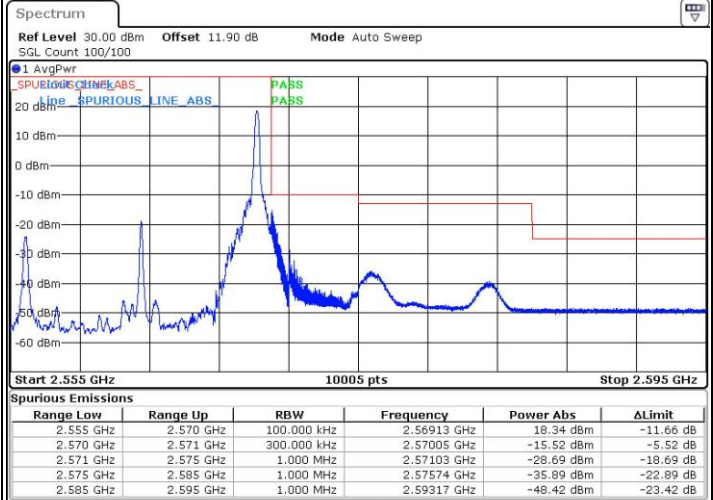


LTE Band 7 / 15MHz / 16QAM

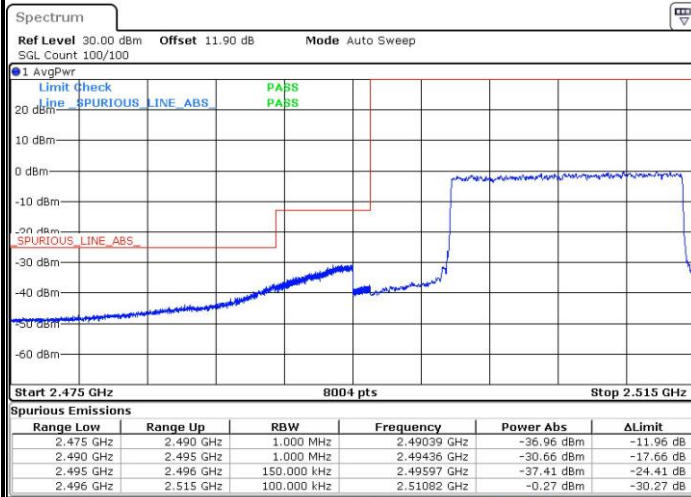
Lowest Band Edge / 1 RB



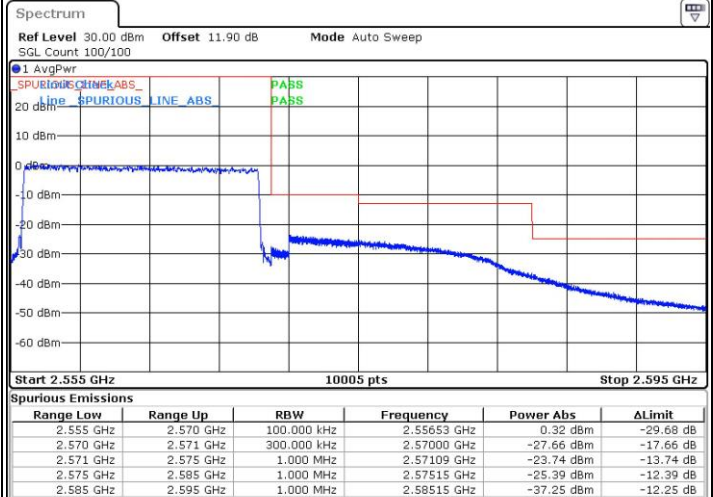
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



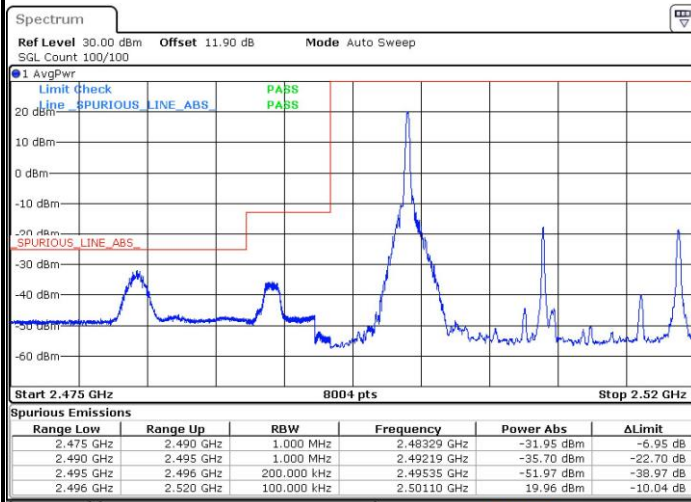
Highest Band Edge / Full RB





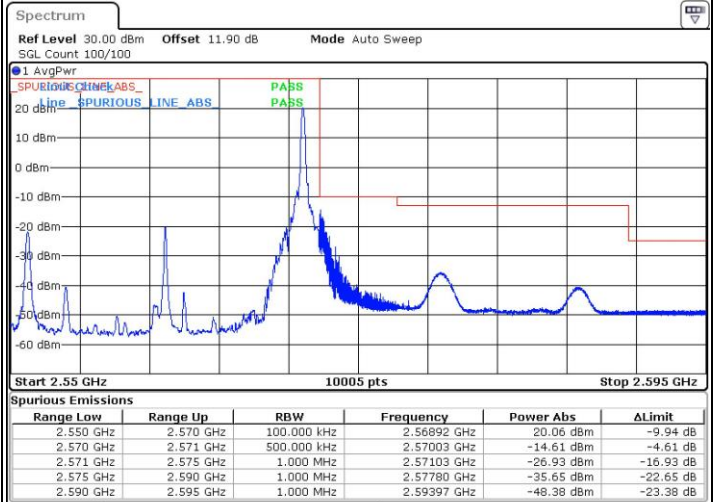
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



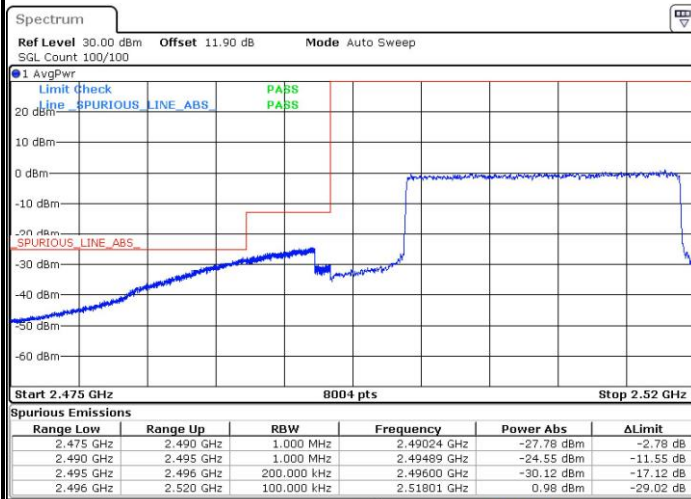
Date: 9.OCT.2016 17:44:59

Highest Band Edge / 1 RB



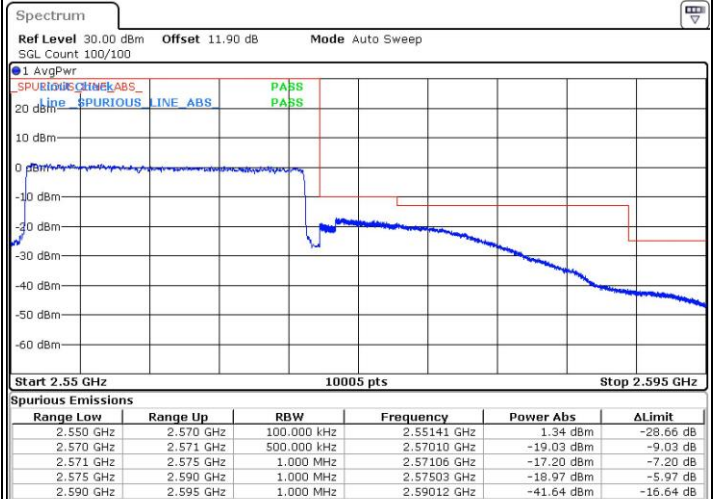
Date: 9.OCT.2016 17:54:35

Lowest Band Edge / Full RB



Date: 9.OCT.2016 17:47:18

Highest Band Edge / Full RB

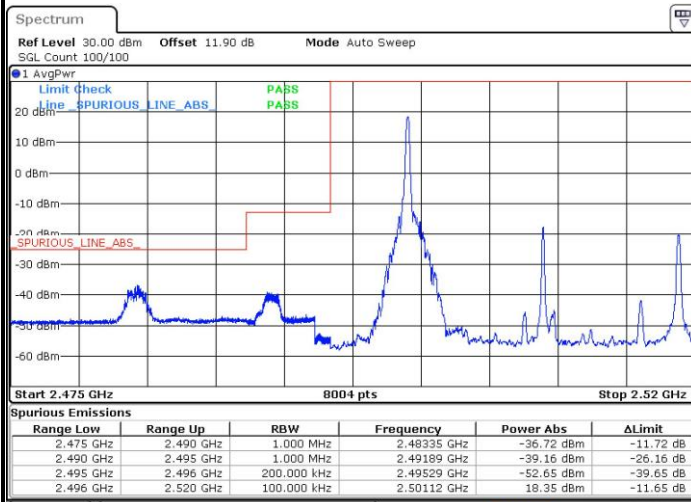


Date: 9.OCT.2016 17:58:05



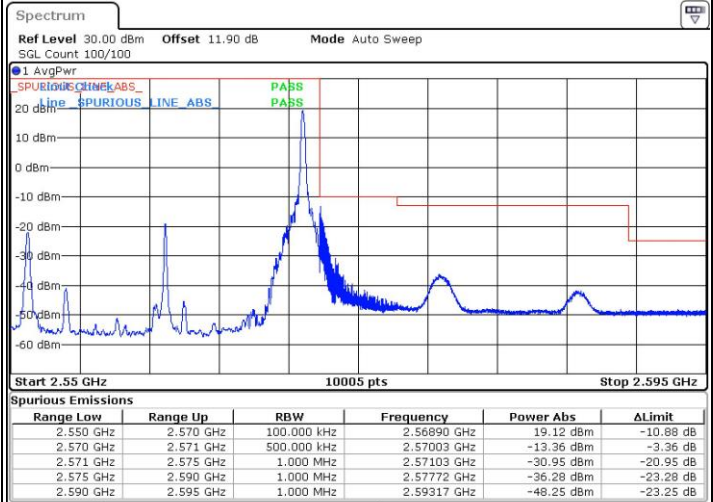
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



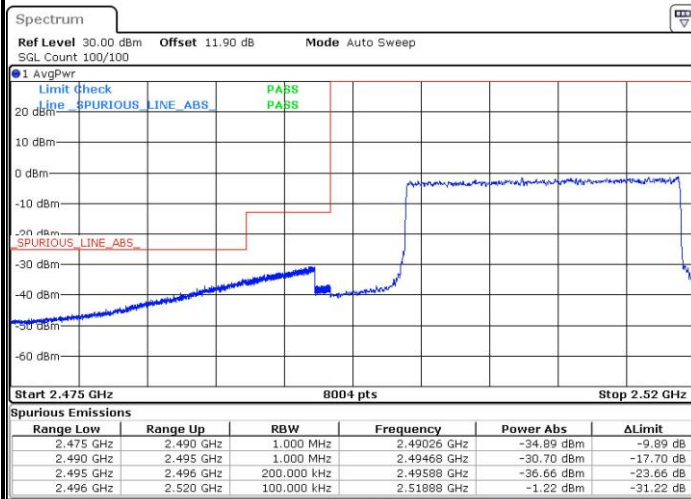
Date: 9.OCT.2016 17:46:08

Highest Band Edge / 1RB



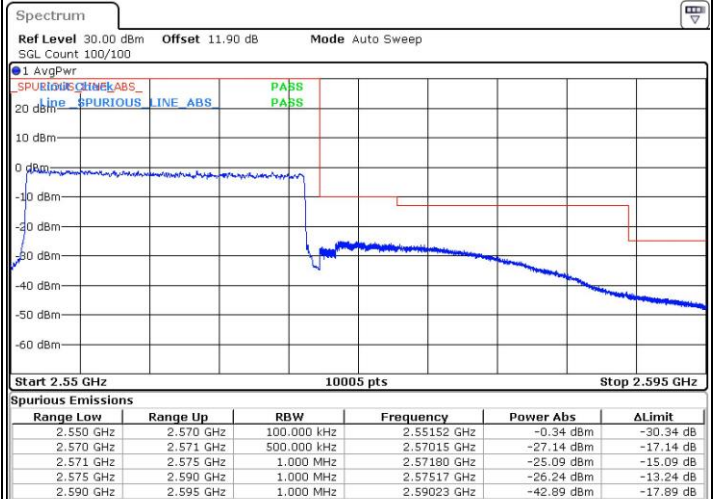
Date: 9.OCT.2016 17:55:45

Lowest Band Edge / Full RB



Date: 9.OCT.2016 17:48:28

Highest Band Edge / Full RB



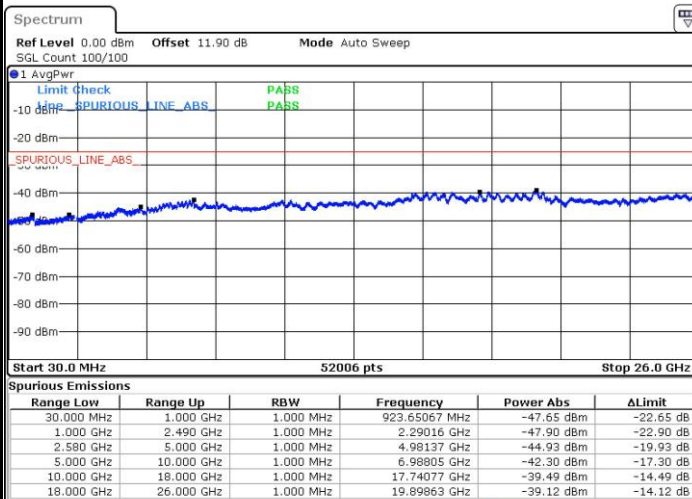
Date: 9.OCT.2016 17:56:55



Conducted Spurious Emission

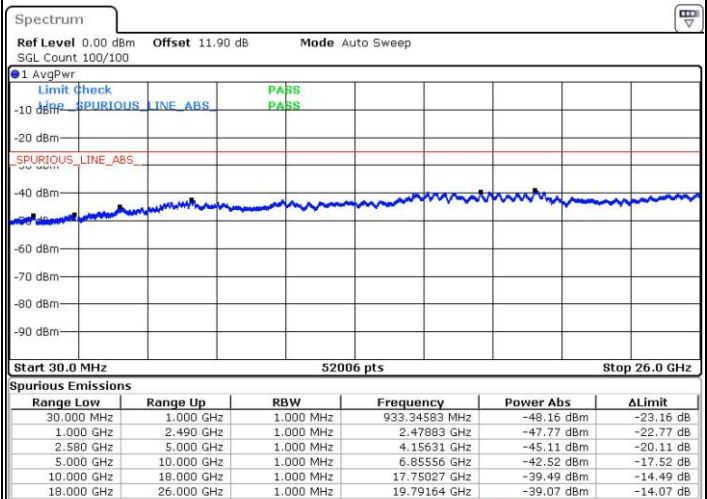
LTE Band 7 / 5MHz

Lowest Channel / QPSK



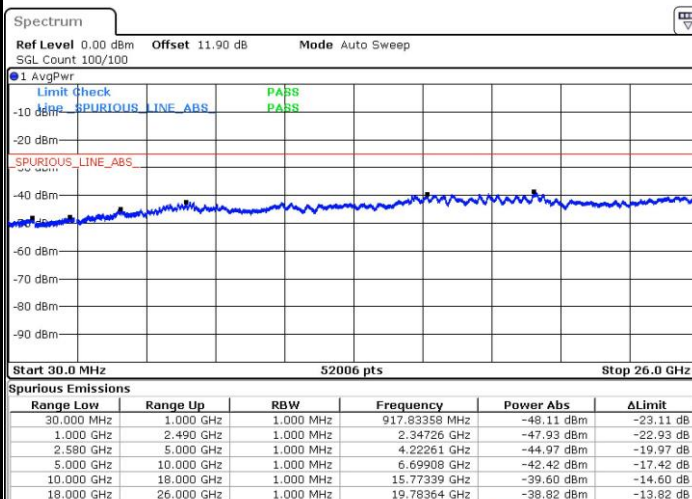
Date: 9.OCT.2016 15:54:01

Lowest Channel / 16QAM



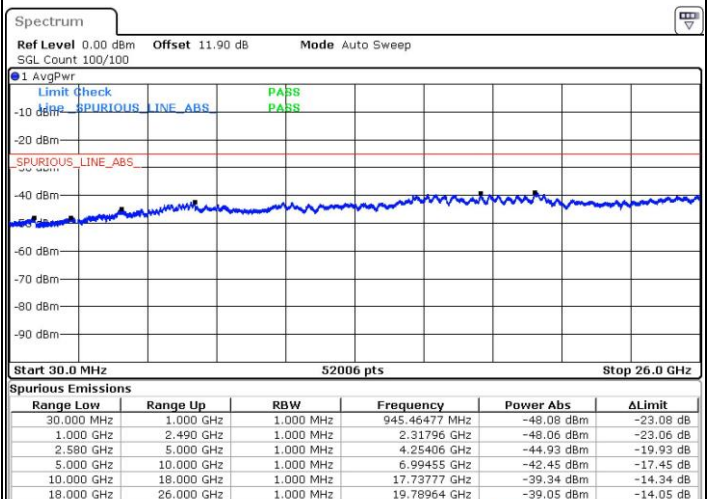
Date: 9.OCT.2016 15:54:55

Middle Channel / QPSK



Date: 9.OCT.2016 15:56:30

Middle Channel / 16QAM

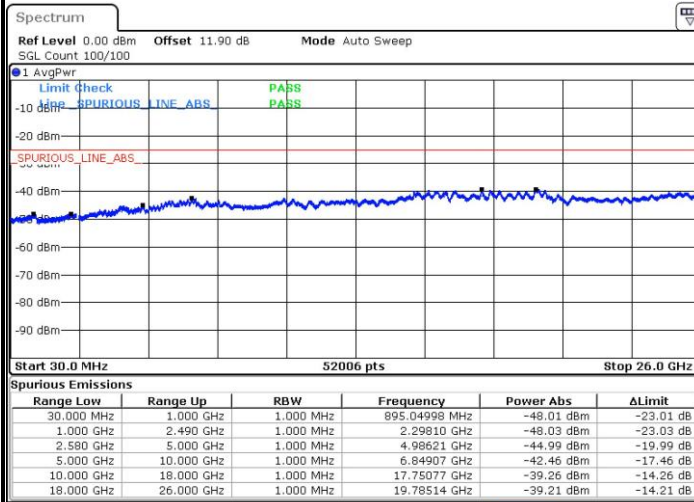


Date: 9.OCT.2016 15:57:23



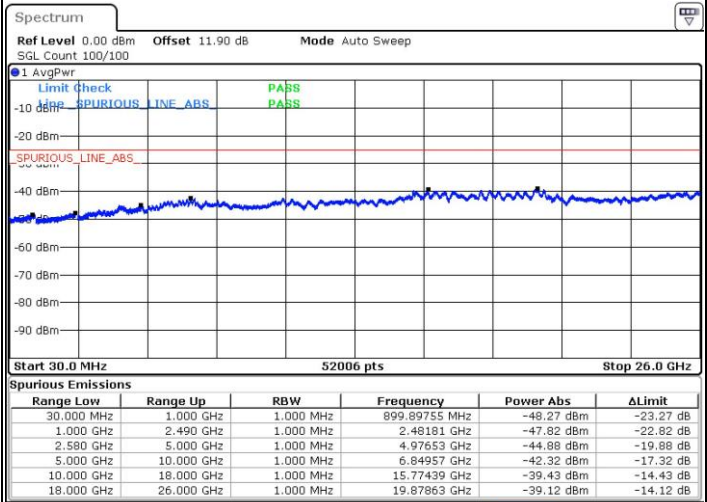
LTE Band 7 / 5MHz

Highest Channel / QPSK



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

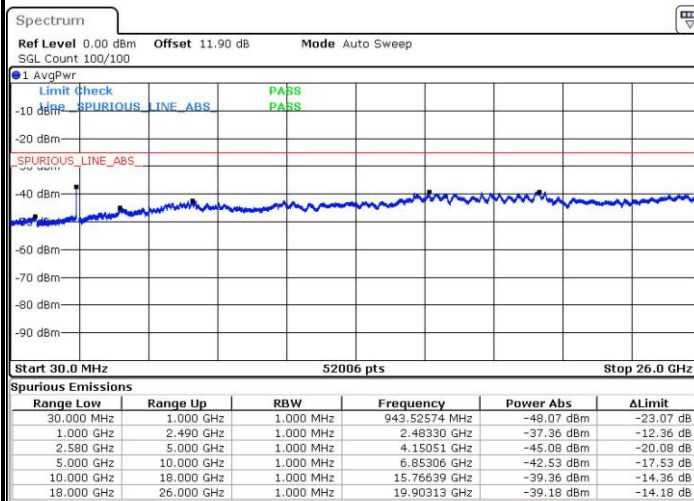
Highest Channel / 16QAM



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

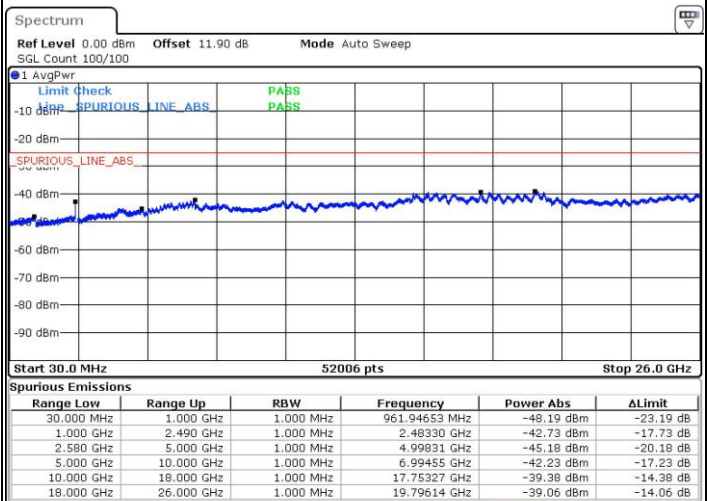
LTE Band 7 / 10MHz

Lowest Channel / QPSK



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

Lowest Channel / 16QAM

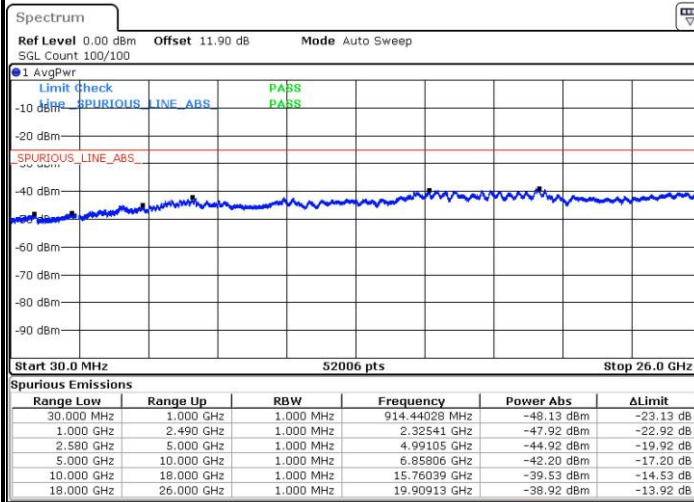


Date: 9.OCT.2016 17:16:47



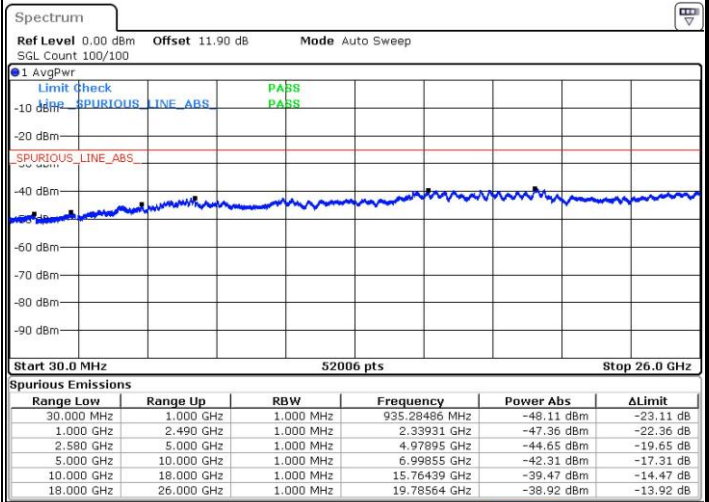
LTE Band 7 / 10MHz

Middle Channel / QPSK



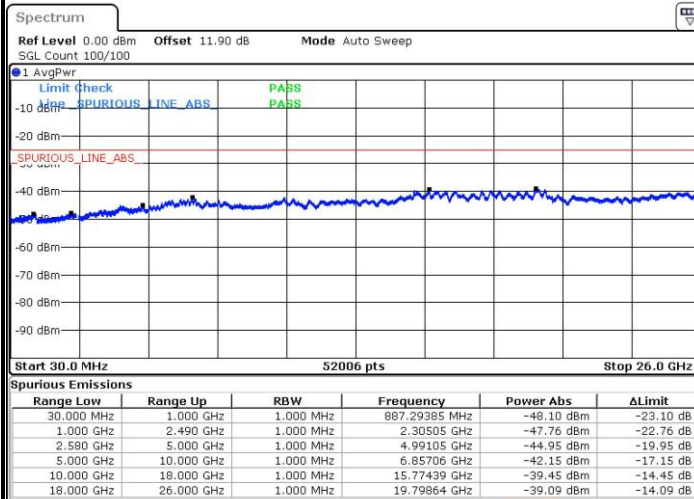
Date: 9.OCT.2016 17:18:22

Middle Channel / 16QAM



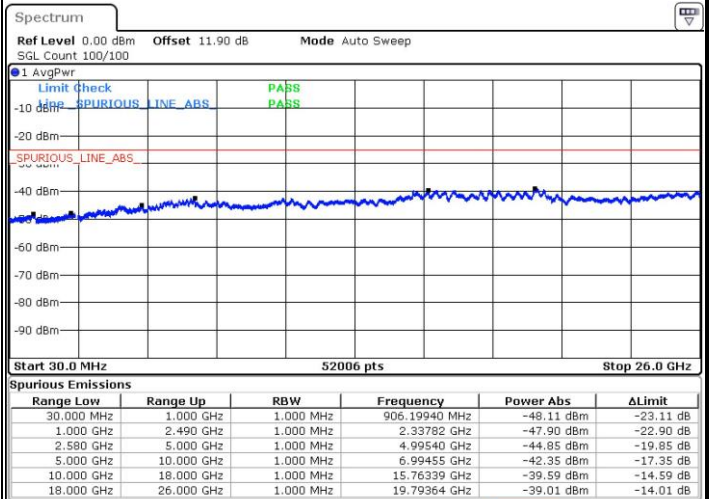
Date: 9.OCT.2016 17:19:15

Highest Channel / QPSK



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

Highest Channel / 16QAM

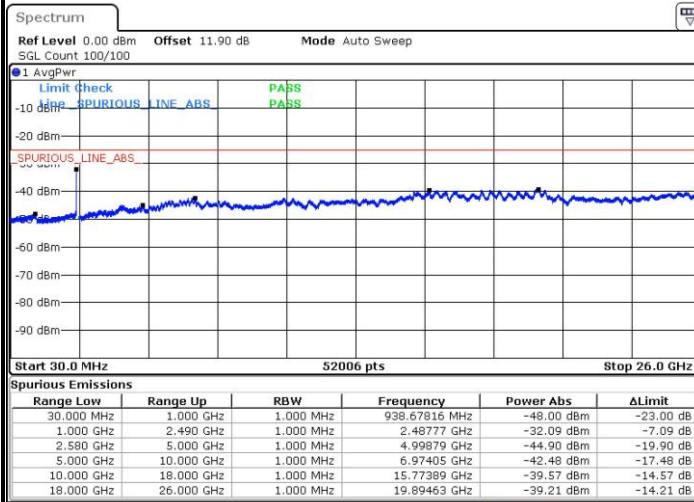


Date: 9.OCT.2016 17:26:24



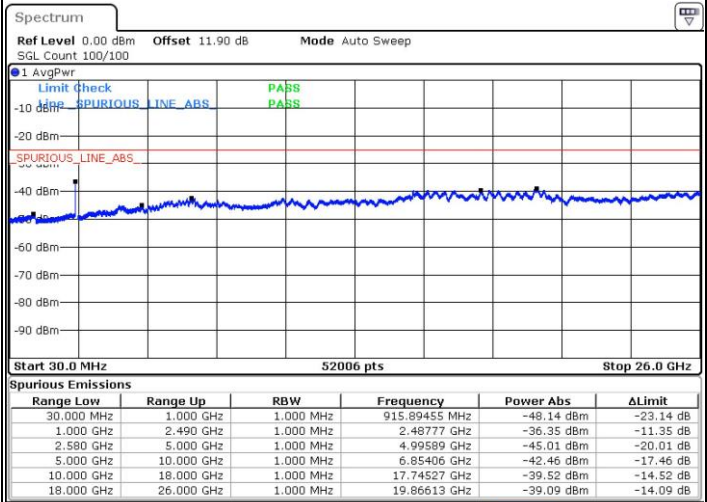
LTE Band 7 / 15MHz

Lowest Channel / QPSK



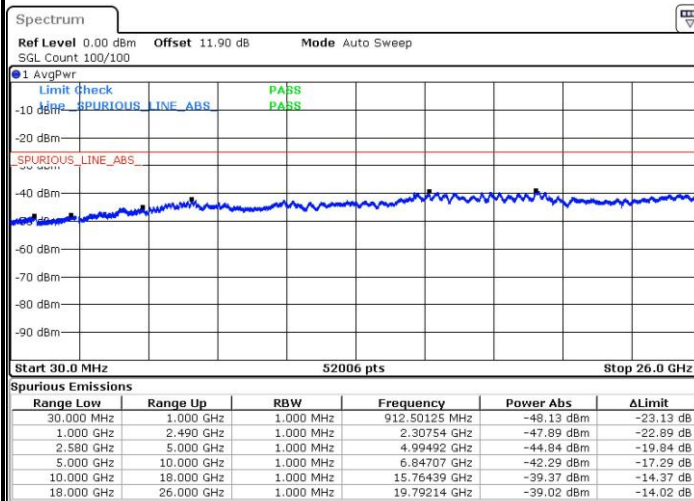
Date: 9.OCT.2016 17:32:38

Lowest Channel / 16QAM



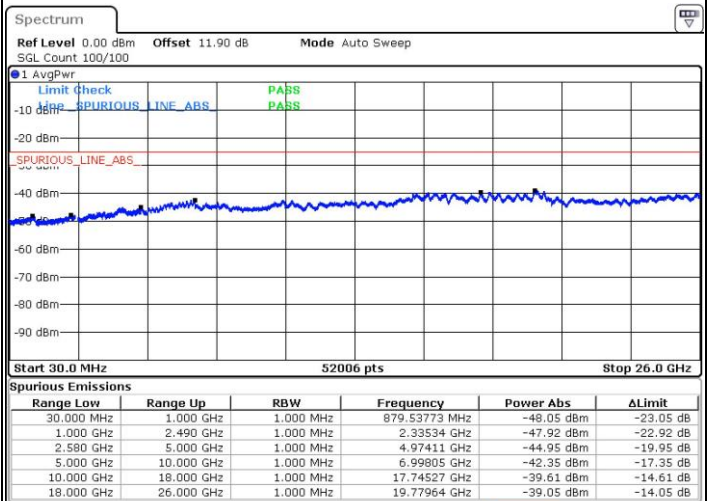
Date: 9.OCT.2016 17:33:31

Middle Channel / QPSK



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

Middle Channel / 16QAM

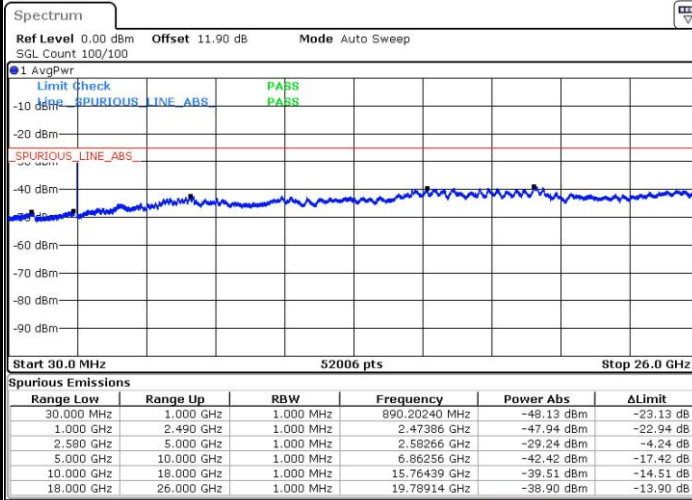


Date: 9.OCT.2016 17:36:00



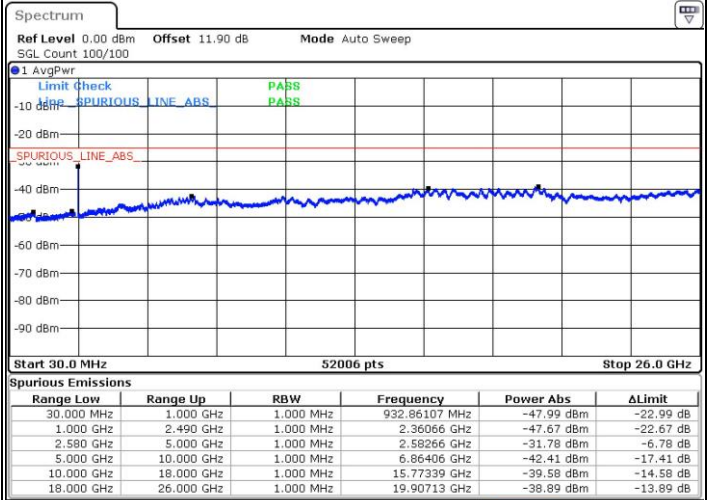
LTE Band7 / 15MHz

Highest Channel / QPSK



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

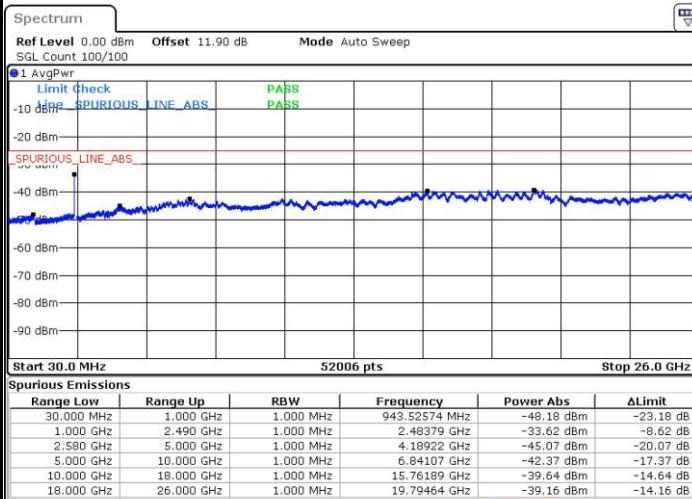
Highest Channel / 16QAM



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

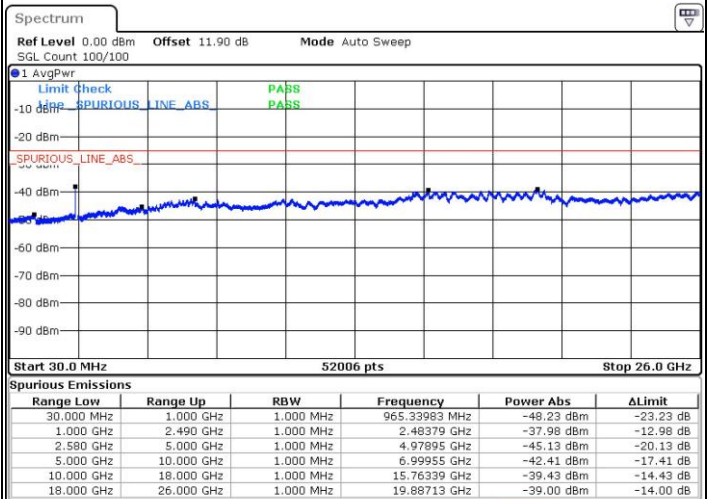
LTE Band 7 / 20MHz

Lowest Channel / QPSK



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

Lowest Channel / 16QAM

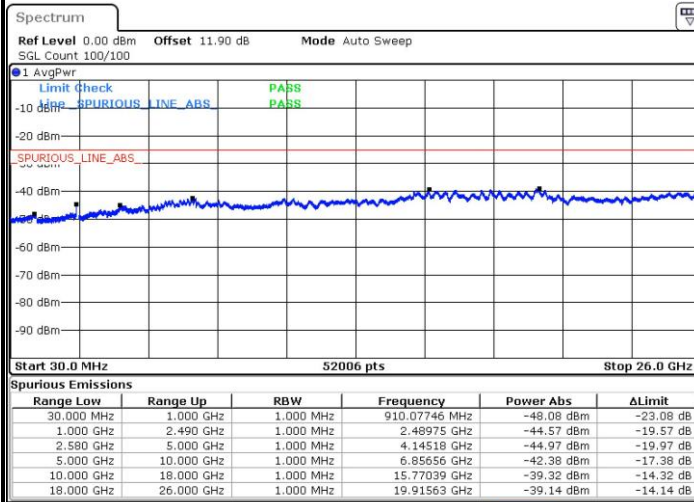


Date: 9.OCT.2016 17:50:16



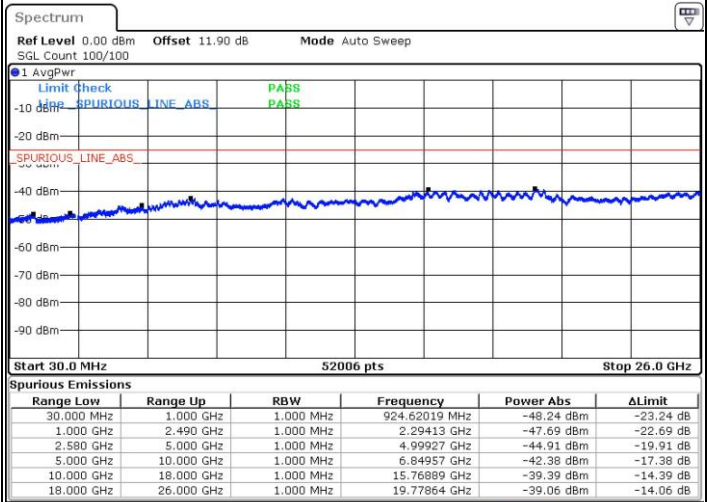
LTE Band 7 / 20MHz

Middle Channel / QPSK



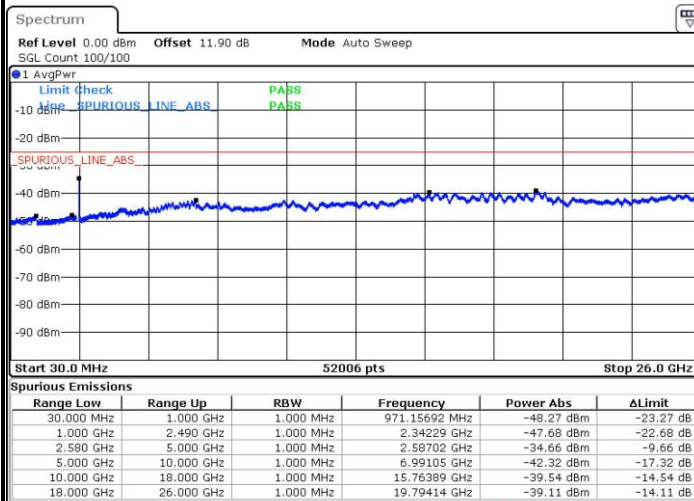
Date: 9.OCT.2016 17:51:51

Middle Channel / 16QAM



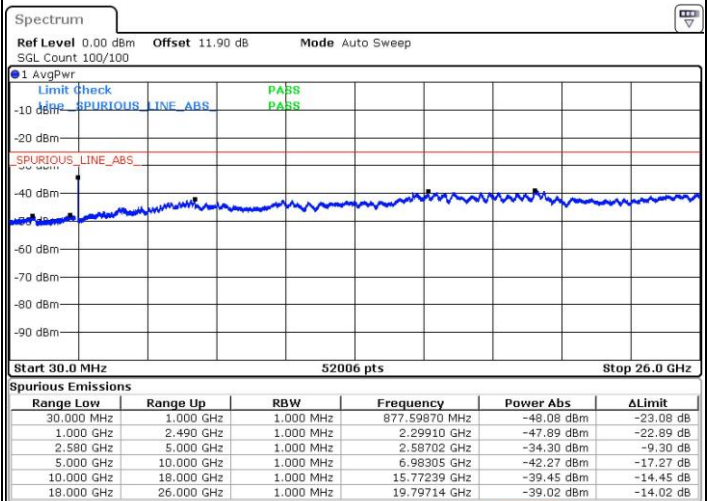
Date: 9.OCT.2016 17:52:44

Highest Channel / QPSK



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

Highest Channel / 16QAM



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 = -0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	23.18	0.2080	22.98	0.1986
Middle		3	3	23.38	0.2178	23.18	0.2080
Highest		3	3	23.34	0.2158	23.14	0.2061
Lowest	16QAM	1	0	22.25	0.1679	22.05	0.1603
Middle		1	0	22.37	0.1726	22.17	0.1648
Highest		1	0	22.36	0.1722	22.16	0.1644
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.19	0.2084	22.99	0.1991
Middle		1	14	23.21	0.2094	23.01	0.2000
Highest		1	14	23.36	0.2168	23.16	0.2070
Lowest	16QAM	1	0	22.37	0.1726	22.17	0.1648
Middle		1	0	22.33	0.1710	22.13	0.1633
Highest		1	0	22.46	0.1762	22.26	0.1683
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.23	0.2104	23.03	0.2009
Middle		1	12	23.41	0.2193	23.21	0.2094
Highest		1	12	23.37	0.2173	23.17	0.2075
Lowest	16QAM	1	0	22.36	0.1722	22.16	0.1644
Middle		1	0	22.44	0.1754	22.24	0.1675
Highest		1	0	22.49	0.1774	22.29	0.1694
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.27	0.2123	23.07	0.2028
Middle		1	0	23.43	0.2203	23.23	0.2104
Highest		1	0	23.44	0.2208	23.24	0.2109
Lowest	16QAM	1	0	22.44	0.1754	22.24	0.1675
Middle		1	0	22.51	0.1782	22.31	0.1702
Highest		1	0	22.68	0.1854	22.48	0.1770
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.37	0.2173	23.17	0.2075
Middle		1	0	23.54	0.2259	23.34	0.2158
Highest		1	0	23.60	0.2291	23.40	0.2188
Lowest	16QAM	1	0	22.56	0.1803	22.36	0.1722
Middle		1	0	22.69	0.1858	22.49	0.1774
Highest		1	0	22.84	0.1923	22.64	0.1837
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -0.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.66	0.2323	23.46	0.2218
Middle		1	0	23.80	0.2399	23.60	0.2291
Highest		1	0	23.82	0.2410	23.62	0.2301
Lowest	16QAM	1	0	22.82	0.1914	22.62	0.1828
Middle		1	0	22.93	0.1963	22.73	0.1875
Highest		1	0	22.97	0.1982	22.77	0.1892
Limit	EIRP < 2W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	3	23.47	0.2223	18.52	0.0711
Middle		3	3	23.55	0.2265	18.60	0.0724
Highest		3	3	23.64	0.2312	18.69	0.0740
Lowest	16QAM	1	0	22.56	0.1803	17.61	0.0577
Middle		1	0	22.78	0.1897	17.83	0.0607
Highest		1	0	22.73	0.1875	17.78	0.0600
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.46	0.2218	18.51	0.0710
Middle		1	0	23.61	0.2296	18.66	0.0735
Highest		1	0	23.70	0.2344	18.75	0.0750
Lowest	16QAM	1	0	22.66	0.1845	17.71	0.0590
Middle		1	0	22.88	0.1941	17.93	0.0621
Highest		1	0	22.79	0.1901	17.84	0.0608
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	23.51	0.2244	18.56	0.0718
Middle		1	12	23.61	0.2296	18.66	0.0735
Highest		1	12	23.71	0.2350	18.76	0.0752
Lowest	16QAM	1	12	22.67	0.1849	17.72	0.0592
Middle		1	12	22.89	0.1945	17.94	0.0622
Highest		1	12	22.83	0.1919	17.88	0.0614
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average) (GT - LC = -2.8 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.61	0.2296	18.66	0.0735
Middle		1	0	23.76	0.2377	18.81	0.0760
Highest		1	0	23.68	0.2333	18.73	0.0746
Lowest	16QAM	1	0	22.77	0.1892	17.82	0.0605
Middle		1	0	23.00	0.1995	18.05	0.0638
Highest		1	0	22.84	0.1923	17.89	0.0615
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	21.44	0.1393	22.24	0.1675
Middle		1	12	21.31	0.1352	22.11	0.1626
Highest		1	12	21.36	0.1368	22.16	0.1644
Lowest	16QAM	1	12	20.67	0.1167	21.47	0.1403
Middle		1	12	20.56	0.1138	21.36	0.1368
Highest		1	12	20.69	0.1172	21.49	0.1409
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	21.43	0.1390	22.23	0.1671
Middle		1	49	21.38	0.1374	22.18	0.1652
Highest		1	49	21.45	0.1396	22.25	0.1679
Lowest	16QAM	1	49	20.64	0.1159	21.44	0.1393
Middle		1	49	20.63	0.1156	21.43	0.1390
Highest		1	49	20.78	0.1197	21.58	0.1439
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	21.46	0.1400	22.26	0.1683
Middle		1	74	21.46	0.1400	22.26	0.1683
Highest		1	74	21.53	0.1422	22.33	0.1710
Lowest	16QAM	1	74	20.71	0.1178	21.51	0.1416
Middle		1	74	20.70	0.1175	21.50	0.1413
Highest		1	74	20.83	0.1211	21.63	0.1455
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.65	0.1462	22.45	0.1758
Middle		1	0	21.56	0.1432	22.36	0.1722
Highest		1	0	21.53	0.1422	22.33	0.1710
Lowest	16QAM	1	99	20.87	0.1222	21.67	0.1469
Middle		1	99	20.86	0.1219	21.66	0.1466
Highest		1	99	20.97	0.1250	21.77	0.1503
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)
Middle	3756	-55.77	-13	-42.77	-49.49	-62.39	1.68	8.31	H
	5639	-49.45	-13	-36.45	-50.2	-56.50	2.71	9.76	H
	7515	-45.75	-13	-32.75	-51.99	-55.13	2.42	11.81	H
	9398	-53.71	-13	-40.71	-64.62	-63.68	2.57	12.54	H
	11273	-54.65	-13	-41.65	-69.61	-64.36	2.68	12.39	H
									H
									H
	3756	-55.04	-13	-42.04	-48.54	-61.66	1.68	8.31	V
	5639	-44.70	-13	-31.70	-45.39	-51.75	2.71	9.76	V
	7515	-40.26	-13	-27.26	-46.79	-49.64	2.42	11.81	V
	9398	-50.63	-13	-37.63	-59.89	-60.60	2.57	12.54	V
	11273	-54.73	-13	-41.73	-69.47	-64.44	2.68	12.39	V
									V
									V

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



LTE Band 2 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3756	-54.68	-13	-41.68	-48.4	-61.30	1.68	8.31	H
	5639	-49.67	-13	-36.67	-50.42	-56.72	2.71	9.76	H
	7515	-45.34	-13	-32.34	-51.58	-54.72	2.42	11.81	H
	9391	-53.18	-13	-40.18	-64.09	-63.16	2.57	12.54	H
									H
									H
									H
	3756	-55.28	-13	-42.28	-48.78	-61.90	1.68	8.31	V
	5639	-44.98	-13	-31.98	-45.67	-52.03	2.71	9.76	V
	7515	-40.04	-13	-27.04	-46.57	-49.42	2.42	11.81	V
	9391	-49.69	-13	-36.69	-58.95	-59.67	2.57	12.54	V
	11273	-54.51	-13	-41.51	-69.25	-64.22	2.68	12.39	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)
Middle	3756	-55.69	-13	-42.69	-49.41	-62.31	1.68	8.31	H
	5632	-48.91	-13	-35.91	-49.62	-55.96	2.70	9.75	H
	7508	-45.85	-13	-32.85	-52.09	-55.23	2.43	11.80	H
	9391	-54.09	-13	-41.09	-65	-64.07	2.57	12.54	H
	11264	-54.77	-13	-41.77	-69.73	-64.48	2.68	12.39	H
									H
									H
	3756	-55.18	-13	-42.18	-48.68	-61.80	1.68	8.31	V
	5632	-45.26	-13	-32.26	-45.92	-52.31	2.70	9.75	V
	7508	-40.63	-13	-27.63	-47.16	-50.01	2.43	11.80	V
	9391	-48.49	-13	-35.49	-57.75	-58.47	2.57	12.54	V
	11264	-53.15	-13	-40.15	-67.89	-62.86	2.68	12.39	V
	15025	-52.31	-13	-39.31	-71.98	-62.34	3.61	13.64	V
									V

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



LTE Band 2 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3749	-55.55	-13	-42.55	-49.27	-62.17	1.68	8.30	H
	5625	-48.40	-13	-35.40	-49.11	-55.45	2.70	9.75	H
	7501	-45.52	-13	-32.52	-51.72	-54.89	2.43	11.80	H
	9377	-53.93	-13	-40.93	-64.78	-63.92	2.56	12.55	H
									H
									H
									H
	3749	-54.16	-13	-41.16	-47.66	-60.78	1.68	8.30	V
	5625	-44.67	-13	-31.67	-45.33	-51.72	2.70	9.75	V
	7501	-38.63	-13	-25.63	-45.13	-48.00	2.43	11.80	V
	9377	-50.46	-13	-37.46	-59.69	-60.45	2.56	12.55	V
	11254	-53.52	-13	-40.52	-68.23	-63.23	2.69	12.40	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)
Middle	3749	-55.08	-13	-42.08	-48.8	-61.70	1.68	8.30	H
	5618	-48.77	-13	-35.77	-49.48	-55.82	2.69	9.75	H
	7494	-46.43	-13	-33.43	-52.63	-55.79	2.43	11.79	H
	9370	-53.35	-13	-40.35	-64.14	-63.34	2.56	12.55	H
									H
									H
									H
	3749	-53.67	-13	-40.67	-47.17	-60.29	1.68	8.30	V
	5618	-45.79	-13	-32.79	-46.45	-52.84	2.69	9.75	V
	7494	-40.14	-13	-27.14	-46.64	-49.50	2.43	11.79	V
	9370	-48.96	-13	-35.96	-58.16	-58.95	2.56	12.55	V
	11236	-53.33	-13	-40.33	-68.01	-63.05	2.69	12.41	V
	14987	-51.99	-13	-38.99	-71.57	-61.98	3.59	13.58	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)
Middle	3742	-55.10	-13	-42.10	-48.81	-61.71	1.68	8.29	H
	5611	-48.21	-13	-35.21	-48.88	-55.27	2.69	9.74	H
	7487	-46.46	-13	-33.46	-52.66	-55.80	2.43	11.77	H
	9356	-53.41	-13	-40.41	-64.2	-63.41	2.56	12.56	H
									H
									H
									H
	3742	-53.17	-13	-40.17	-46.64	-59.78	1.68	8.29	V
	5611	-44.31	-13	-31.31	-44.93	-51.37	2.69	9.74	V
	7487	-38.90	-13	-25.90	-45.4	-48.24	2.43	11.77	V
	9356	-49.70	-13	-36.70	-58.9	-59.70	2.56	12.56	V
	11226	-53.12	-13	-40.12	-67.8	-62.84	2.69	12.41	V
	14968	-51.29	-13	-38.29	-70.81	-61.27	3.58	13.56	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)
Middle	1672	-61.49	-13	-48.49	-48.33	-63.17	0.99	4.82	H
	2504	-43.00	-13	-30.00	-33.58	-44.96	1.29	5.40	H
	4176	-64.44	-13	-51.44	-59.29	-69.06	1.86	8.64	H
	5016	-64.32	-13	-51.32	-63.45	-69.52	2.35	9.70	H
	5856	-62.59	-13	-49.59	-63.86	-67.45	2.83	9.84	H
	6688	-59.97	-13	-46.97	-63.71	-65.55	2.69	10.43	H
	7528	-58.52	-13	-45.52	-64.79	-65.77	2.42	11.82	H
									H
	1672	-64.69	-13	-51.69	-51.63	-66.37	0.99	4.82	V
	2504	-46.45	-13	-33.45	-37.07	-48.41	1.29	5.40	V
	4176	-65.10	-13	-52.10	-59.74	-69.72	1.86	8.64	V
	5016	-64.11	-13	-51.11	-63.02	-69.31	2.35	9.70	V
	5856	-61.78	-13	-48.78	-62.96	-66.64	2.83	9.84	V
	6688	-56.27	-13	-43.27	-60.23	-61.85	2.69	10.43	V
	7528	-57.42	-13	-44.42	-63.97	-64.67	2.42	11.82	V
	8360	-54.64	-13	-41.64	-62.8	-62.53	2.35	12.39	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)
Middle	1672	-60.88	-13	-47.88	-47.72	-62.56	0.99	4.82	H
	2504	-49.02	-13	-36.02	-39.6	-50.98	1.29	5.40	H
	4176	-66.50	-13	-53.50	-61.35	-71.12	1.86	8.64	H
	5848	-62.21	-13	-49.21	-63.44	-67.07	2.83	9.84	H
	6680	-59.68	-13	-46.68	-63.36	-65.25	2.69	10.42	H
									H
									H
	1672	-62.62	-13	-49.62	-49.56	-64.30	0.99	4.82	V
	2504	-46.38	-13	-33.38	-37	-48.34	1.29	5.40	V
	4176	-62.44	-13	-49.44	-57.08	-67.06	1.86	8.64	V
	5848	-62.03	-13	-49.03	-63.17	-66.89	2.83	9.84	V
	6680	-55.56	-13	-42.56	-59.44	-61.13	2.69	10.42	V
	7520	-57.94	-13	-44.94	-64.49	-65.18	2.42	11.81	V
	8352	-54.90	-13	-41.90	-63.02	-62.79	2.34	12.38	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)
Middle	1664	-63.16	-13	-50.16	-49.92	-64.87	0.98	4.84	H
	2504	-46.61	-13	-33.61	-37.19	-48.57	1.29	5.40	H
	5840	-62.49	-13	-49.49	-63.72	-67.36	2.82	9.84	H
	6672	-59.86	-13	-46.86	-63.54	-65.42	2.70	10.41	H
	8344	-58.16	-13	-45.16	-66.44	-66.04	2.34	12.38	H
									H
									H
	1664	-66.08	-13	-53.08	-52.98	-67.79	0.98	4.84	V
	2504	-50.07	-13	-37.07	-40.69	-52.03	1.29	5.40	V
	5008	-64.26	-13	-51.26	-63.17	-69.47	2.34	9.70	V
	5840	-61.75	-13	-48.75	-62.89	-66.62	2.82	9.84	V
	6672	-56.18	-13	-43.18	-60.06	-61.74	2.70	10.41	V
	8344	-56.07	-13	-43.07	-64.19	-63.95	2.34	12.38	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)
Middle	1664	-61.02	-13	-48.02	-47.78	-62.73	0.98	4.84	H
	2496	-39.40	-13	-26.40	-29.98	-41.35	1.29	5.39	H
	4160	-65.26	-13	-52.26	-60.04	-69.89	1.85	8.63	H
	8320	-58.08	-13	-45.08	-66.31	-65.95	2.34	12.36	H
									H
									H
									H
	1664	-64.84	-13	-51.84	-51.74	-66.55	0.98	4.84	V
	2496	-39.13	-13	-26.13	-29.75	-41.08	1.29	5.39	V
	4160	-60.36	-13	-47.36	-54.94	-64.99	1.85	8.63	V
	5824	-61.03	-13	-48.03	-62.13	-65.90	2.81	9.83	V
	6656	-57.80	-13	-44.80	-61.62	-63.34	2.70	10.39	V
	8320	-56.52	-13	-43.52	-64.6	-64.39	2.34	12.36	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)
Middle	5064	-49.03	-25	-24.03	-48.29	-56.36	2.37	9.70	H
	7596	-32.48	-25	-7.48	-39.9	-41.94	2.40	11.86	H
	10134	-48.72	-25	-23.72	-61.98	-58.28	2.70	12.25	H
	12663	-46.23	-25	-21.23	-62.46	-55.98	2.85	12.60	H
	15201	-52.46	-25	-27.46	-71.3	-62.66	3.68	13.88	H
									H
									H
	5064	-49.70	-25	-24.70	-48.76	-57.03	2.37	9.70	V
	7596	-37.63	-25	-12.63	-44.29	-47.09	2.40	11.86	V
	10134	-55.59	-25	-30.59	-67.43	-65.15	2.70	12.25	V
	12663	-47.69	-25	-22.69	-63.27	-57.44	2.85	12.60	V
	15201	-51.85	-25	-26.85	-71.55	-62.05	3.68	13.88	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)
Middle	5058	-47.64	-25	-22.64	-46.9	-54.97	2.37	9.70	H
	7590	-32.97	-25	-7.97	-39.39	-42.42	2.40	11.85	H
	10125	-47.36	-25	-22.36	-60.62	-56.91	2.70	12.25	H
	12654	-46.73	-25	-21.73	-62.96	-56.47	2.84	12.58	H
	15183	-52.59	-25	-27.59	-71.34	-62.77	3.67	13.86	H
									H
									H
	5058	-48.24	-25	-23.24	-47.3	-55.57	2.37	9.70	V
	7590	-38.51	-25	-13.51	-45.17	-47.96	2.40	11.85	V
	10125	-55.58	-25	-30.58	-67.42	-65.13	2.70	12.25	V
	12654	-47.67	-25	-22.67	-63.25	-57.41	2.84	12.58	V
	15183	-50.87	-25	-25.87	-70.56	-61.05	3.67	13.86	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)
Middle	5058	-47.48	-25	-22.48	-46.74	-54.81	2.37	9.70	H
	7584	-33.04	-25	-8.04	-39.42	-42.49	2.40	11.85	H
	10116	-47.83	-25	-22.83	-61.08	-57.38	2.70	12.25	H
	12645	-45.05	-25	-20.05	-61.22	-54.78	2.84	12.57	H
	15174	-52.10	-25	-27.10	-70.85	-62.27	3.67	13.84	H
									H
									H
	5058	-48.90	-25	-23.90	-47.96	-56.23	2.37	9.70	V
	7584	-38.62	-25	-13.62	-45.25	-48.07	2.40	11.85	V
	10116	-55.61	-25	-30.61	-67.4	-65.16	2.70	12.25	V
	12645	-47.85	-25	-22.85	-63.38	-57.58	2.84	12.57	V
	15174	-50.85	-25	-25.85	-70.54	-61.02	3.67	13.84	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)
Middle	5052	-47.36	-25	-22.36	-46.58	-54.69	2.37	9.70	H
	7578	-33.64	-25	-8.64	-40.02	-43.08	2.40	11.85	H
	10107	-47.43	-25	-22.43	-60.68	-56.98	2.70	12.24	H
	12627	-44.93	-25	-19.93	-61.04	-54.65	2.84	12.55	H
	15156	-51.84	-25	-26.84	-70.51	-62.00	3.66	13.82	H
									H
									H
	5052	-48.19	-25	-23.19	-47.2	-55.52	2.37	9.70	V
	7578	-40.98	-25	-15.98	-47.61	-50.42	2.40	11.85	V
	10107	-55.65	-25	-30.65	-67.44	-65.20	2.70	12.24	V
	12627	-45.02	-25	-20.02	-60.5	-54.74	2.84	12.55	V
	15156	-50.44	-25	-25.44	-70.14	-60.60	3.66	13.82	V
									V
									V

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