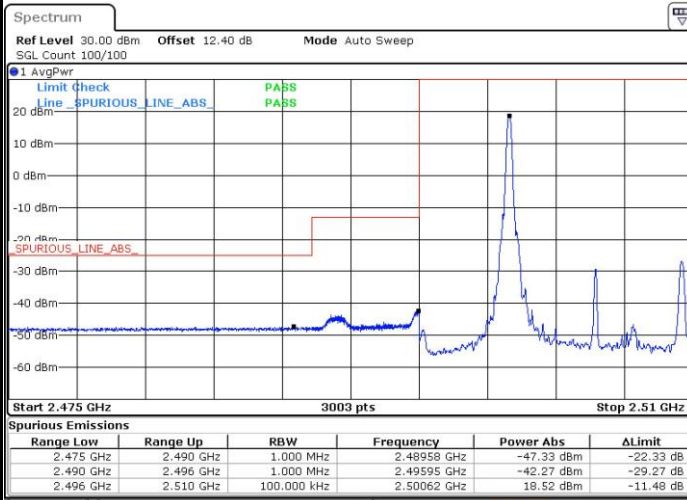




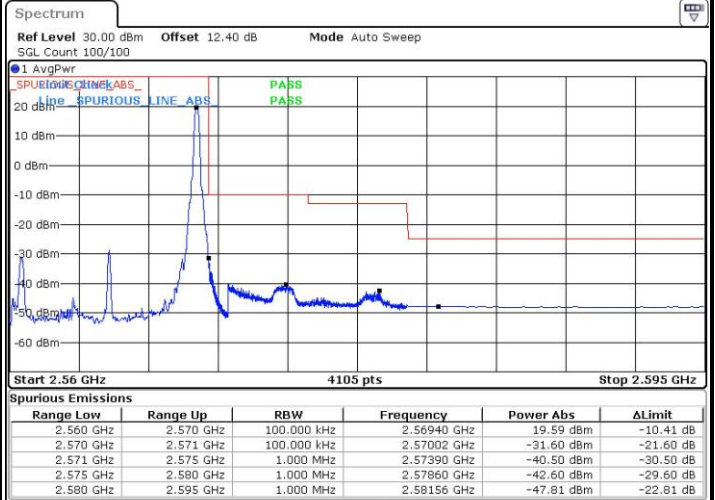
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



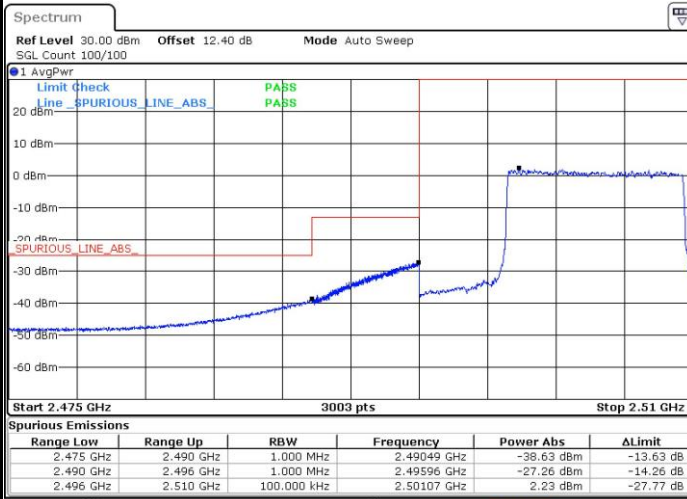
Date: 2 MAY 2015 12:17:53

Highest Band Edge / 1 RB



Date: 2 MAY 2015 12:34:55

Lowest Band Edge / Full RB



Date: 2 MAY 2015 12:26:24

Highest Band Edge / Full RB

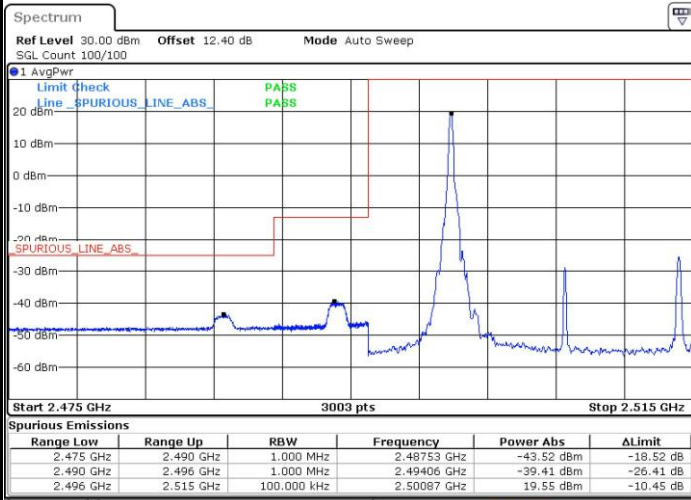


Date: 2 MAY 2015 12:37:15



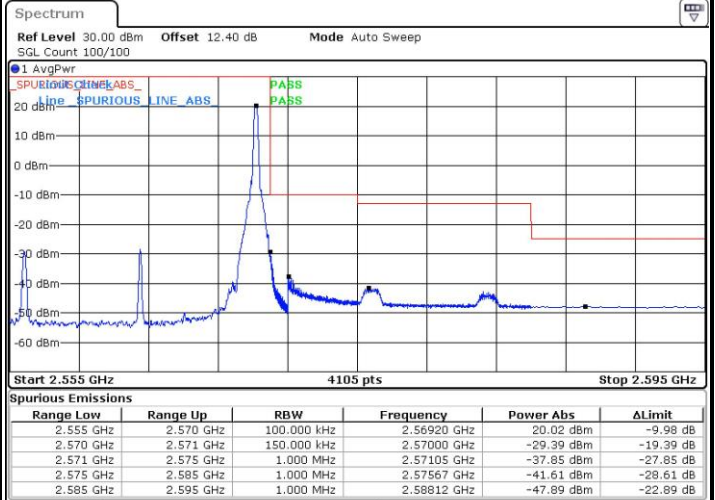
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



Date: 2 MAY 2015 12:41:31

Highest Band Edge / 1 RB



Date: 2 MAY 2015 12:52:23

Lowest Band Edge / Full RB



Date: 2 MAY 2015 12:43:51

Highest Band Edge / Full RB

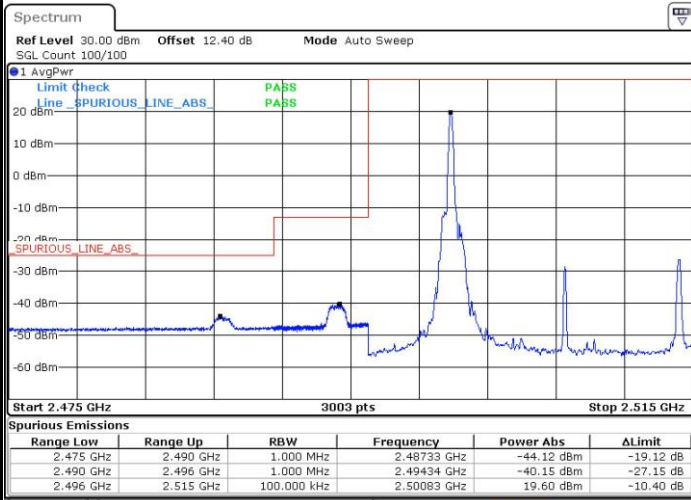


Date: 2 MAY 2015 12:54:42



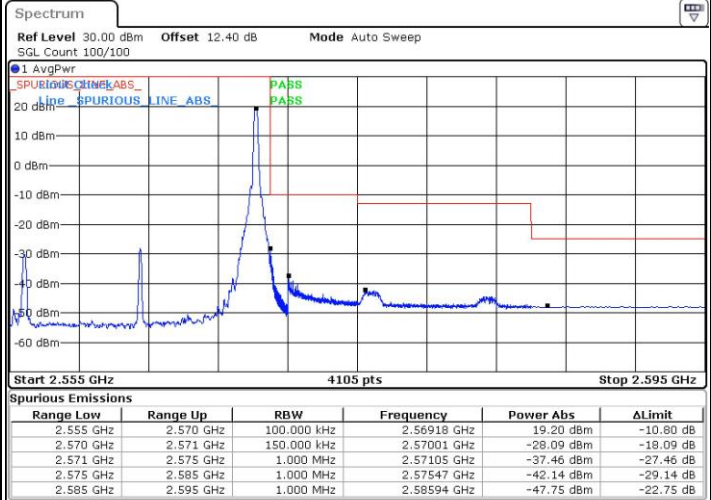
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



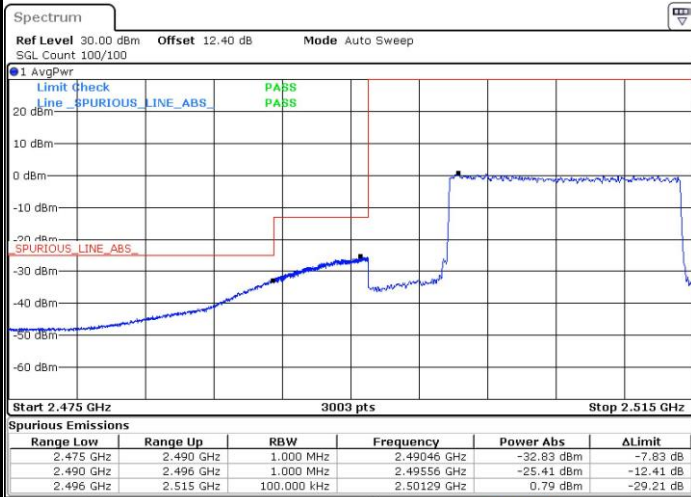
Date: 2 MAY 2015 12:42:41

Highest Band Edge / 1 RB



Date: 2 MAY 2015 12:53:33

Lowest Band Edge / Full RB



Date: 2 MAY 2015 12:45:01

Highest Band Edge / Full RB

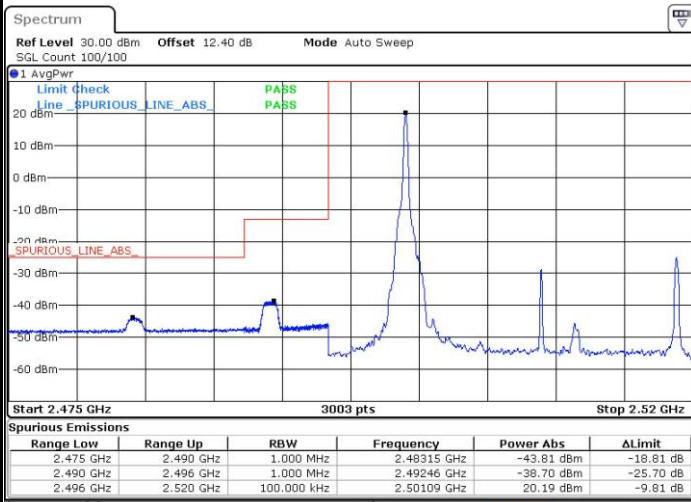


Date: 2 MAY 2015 12:55:52



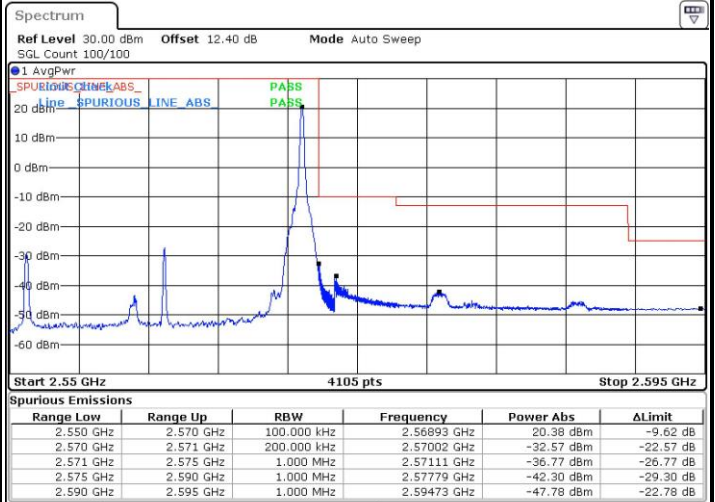
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



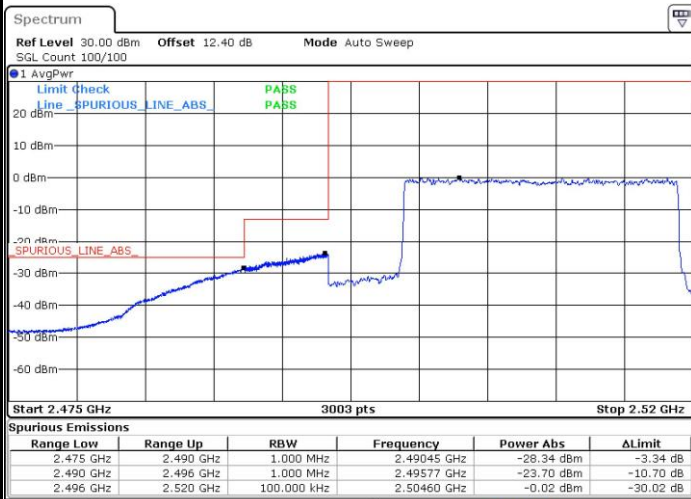
Date: 2 MAY 2015 13:00:08

Highest Band Edge / 1 RB



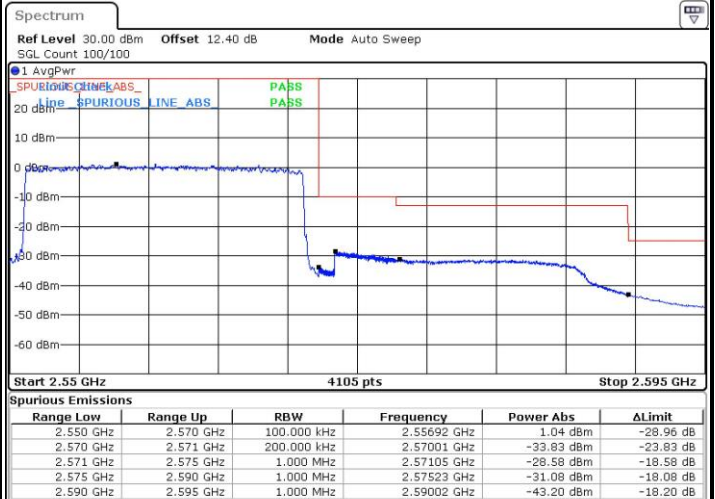
Date: 2 MAY 2015 13:10:59

Lowest Band Edge / Full RB



Date: 2 MAY 2015 13:02:28

Highest Band Edge / Full RB

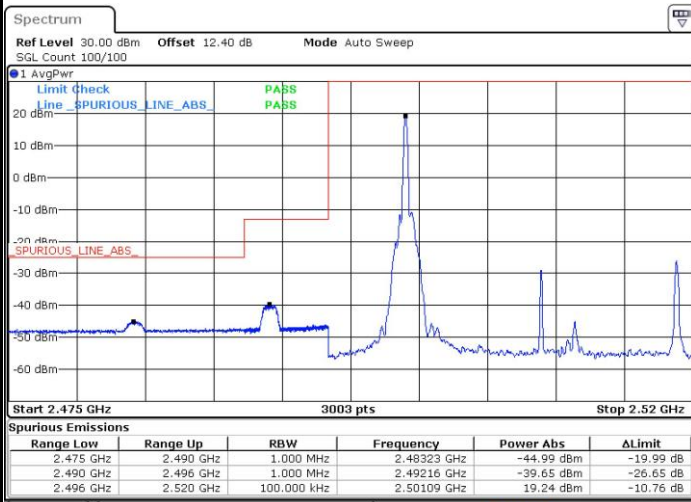


Date: 2 MAY 2015 13:14:29



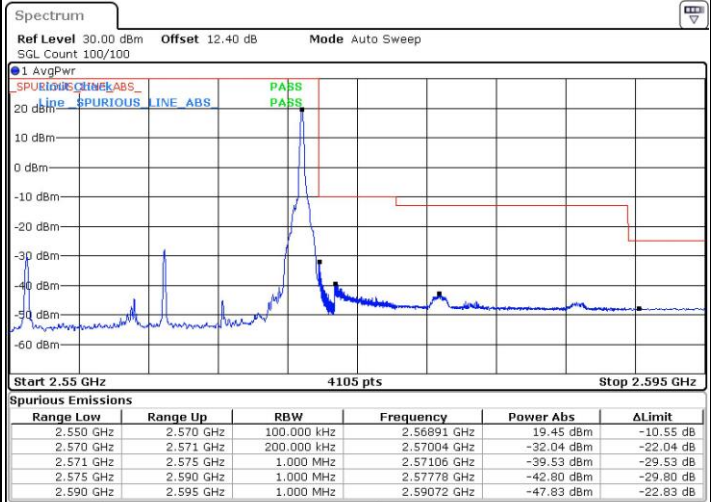
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



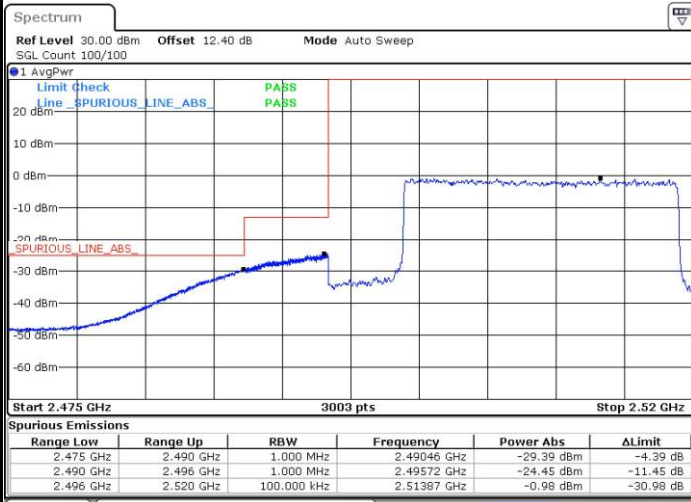
Date: 2 MAY 2015 13:01:18

Highest Band Edge / 1RB



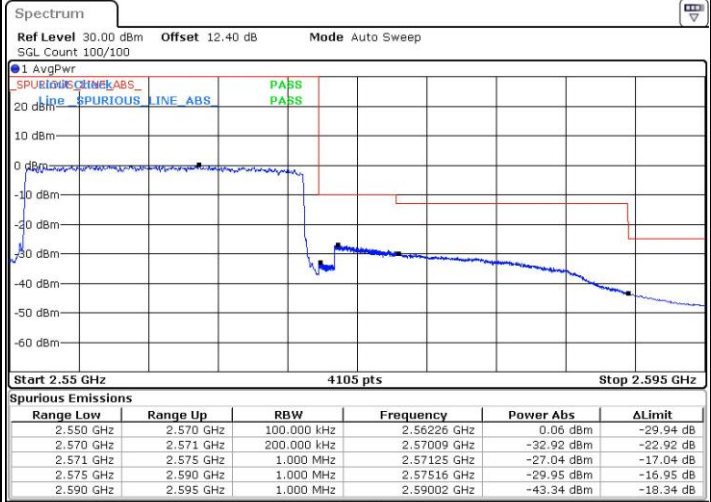
Date: 2 MAY 2015 13:12:09

Lowest Band Edge / Full RB



Date: 2 MAY 2015 13:03:38

Highest Band Edge / Full RB



Date: 2 MAY 2015 13:13:19



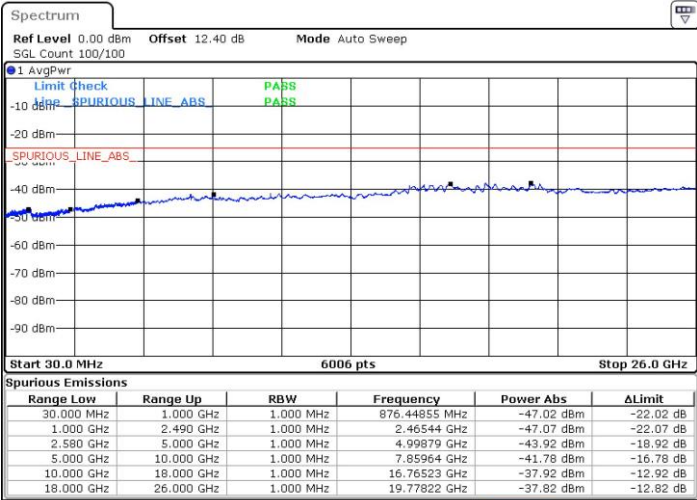
Conducted Spurious Emission



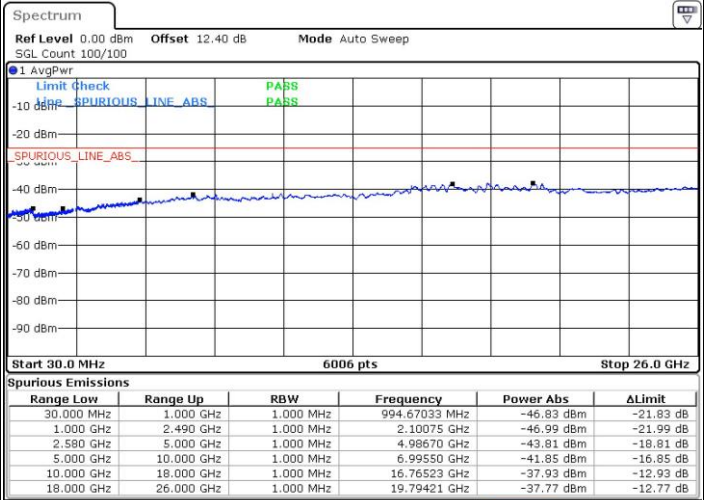
LTE Band 7 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



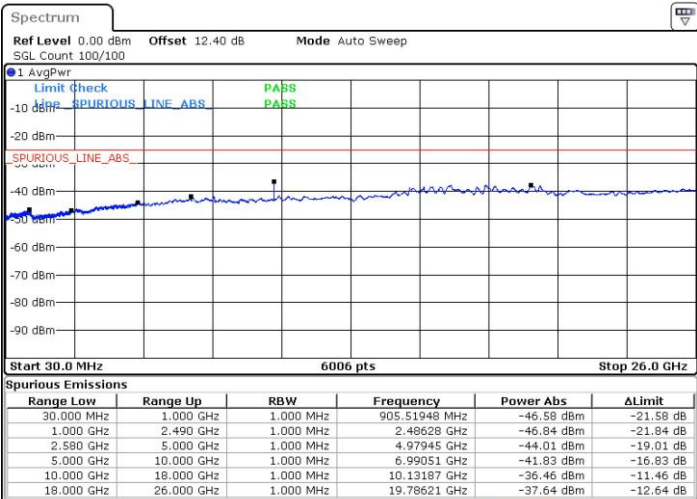
Date: 2.MAY.2015 12:02:46



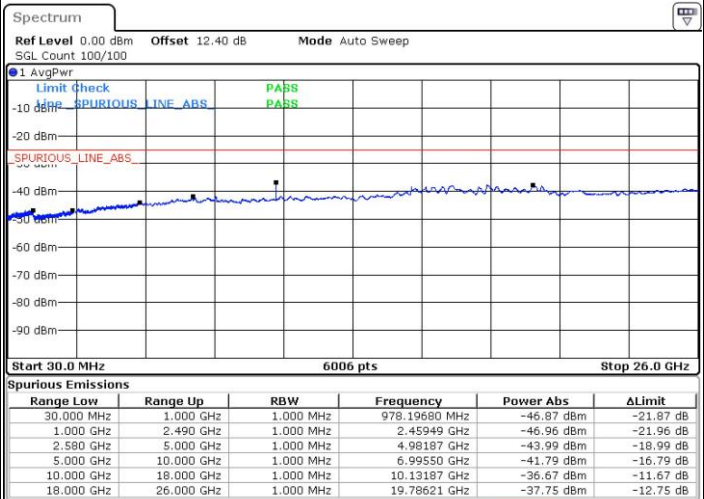
Date: 2.MAY.2015 12:03:55

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 2.MAY.2015 12:05:52

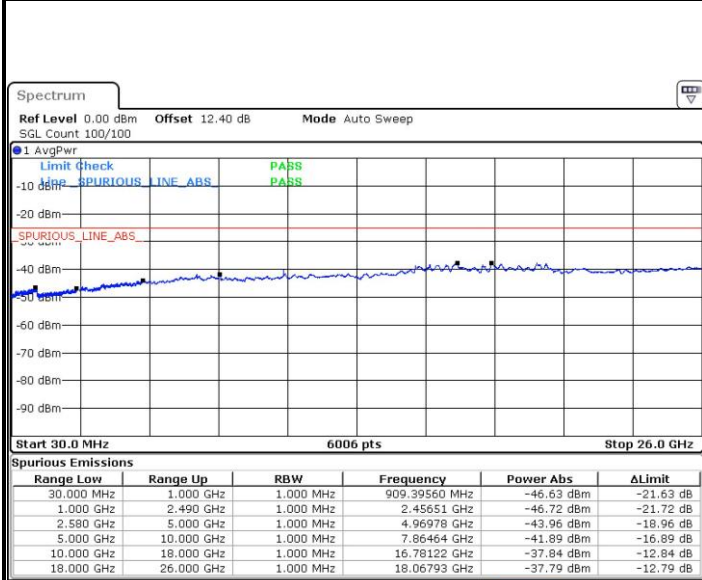


Date: 2.MAY.2015 12:07:01



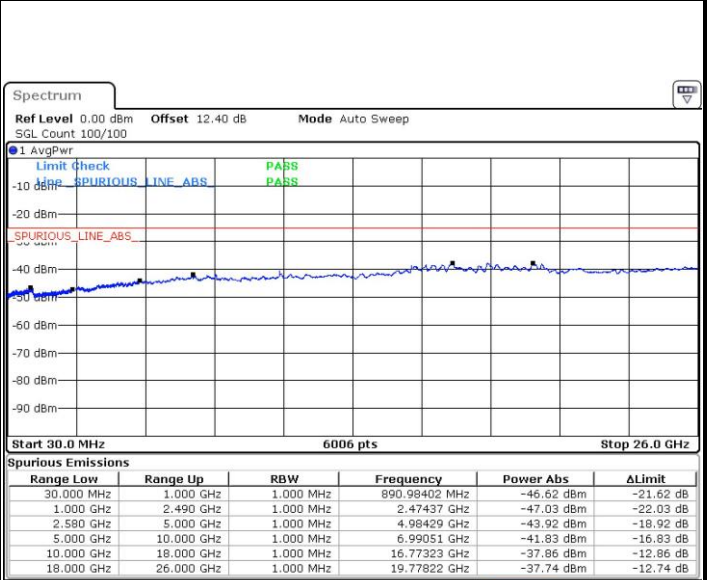
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 2.MAY.2015 12:13:37

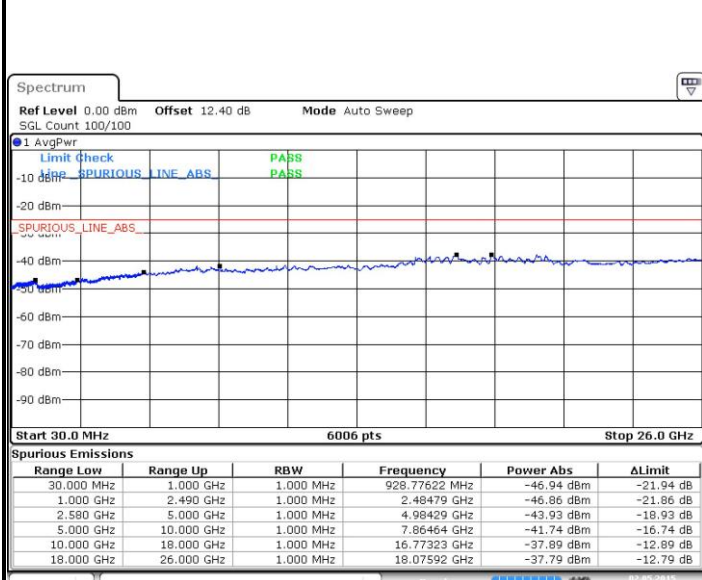
Highest Channel / 16QAM



Date: 2.MAY.2015 12:14:46

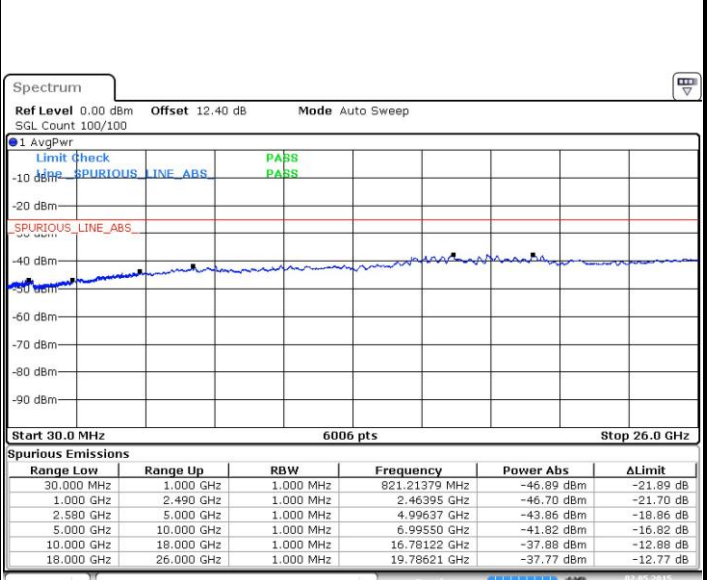
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 2.MAY.2015 12:27:33

Lowest Channel / 16QAM



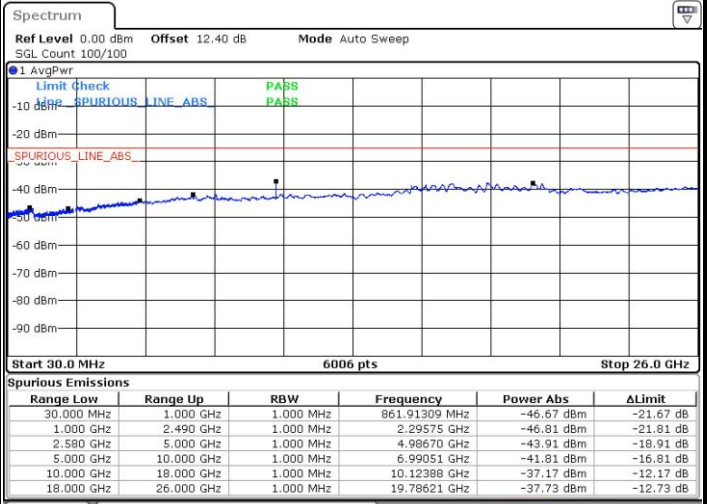
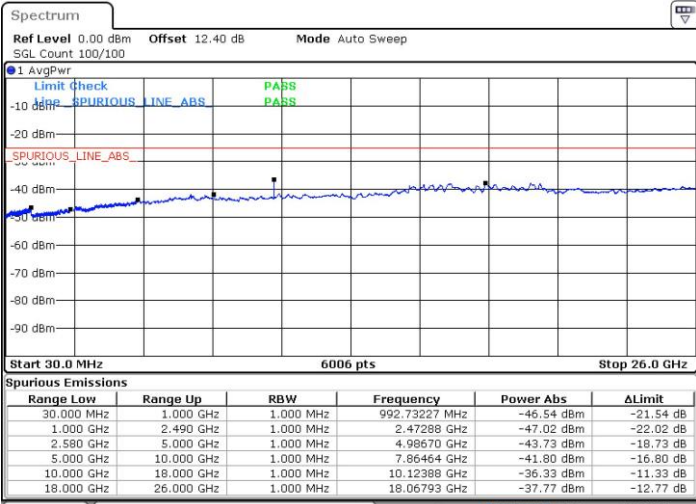
Date: 2.MAY.2015 12:28:42



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

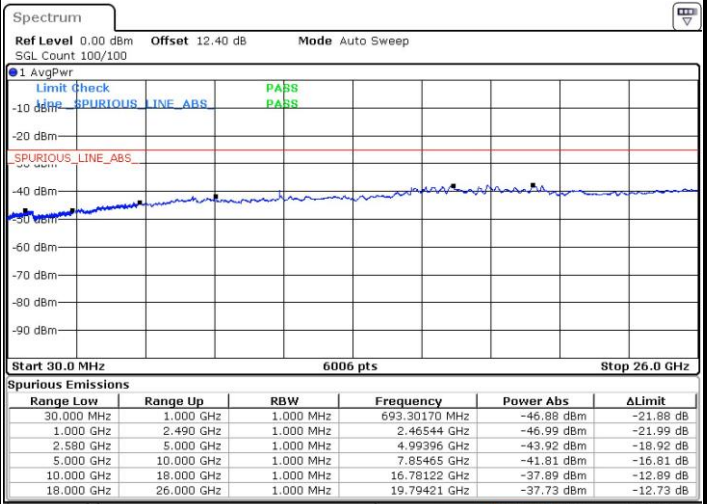
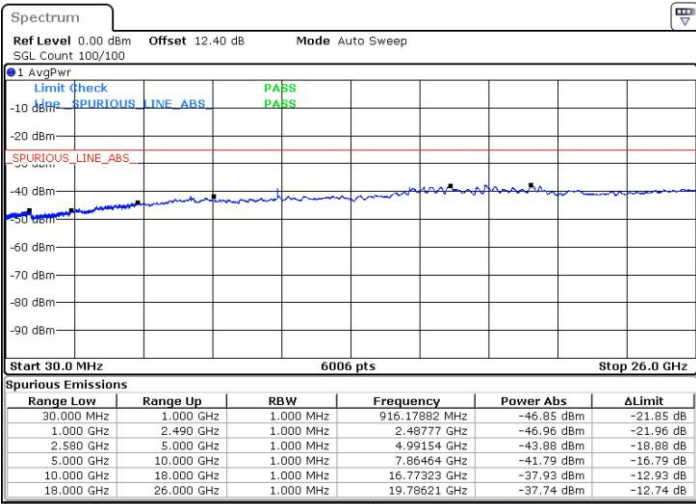


Date: 2.MAY.2015 12:30:39

Date: 2.MAY.2015 12:31:49

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.MAY.2015 12:38:25

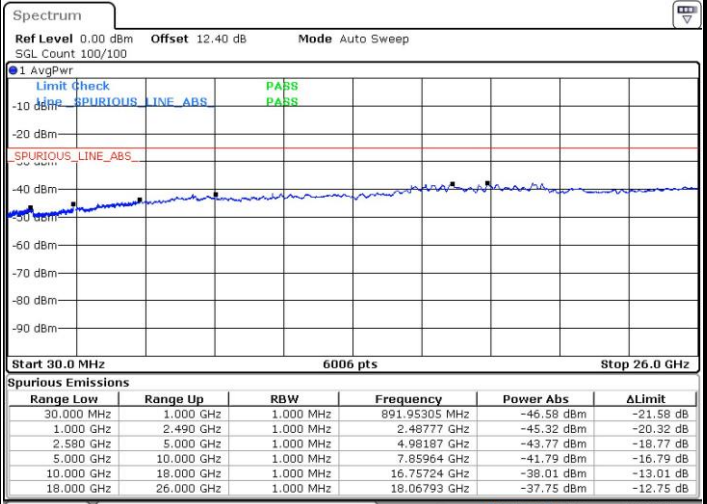
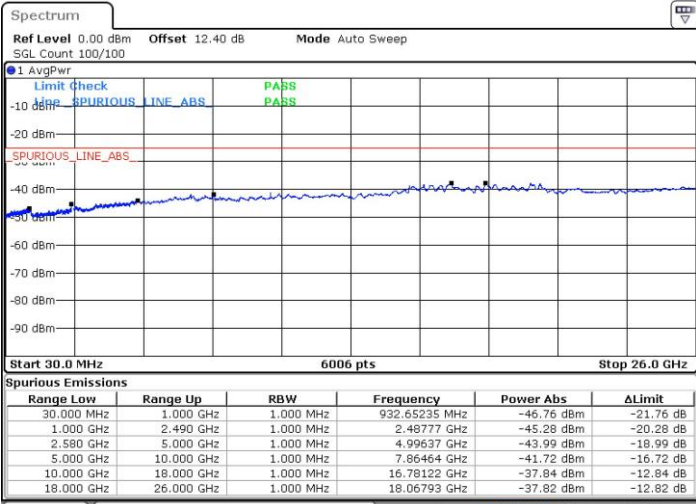
Date: 2.MAY.2015 12:39:35



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

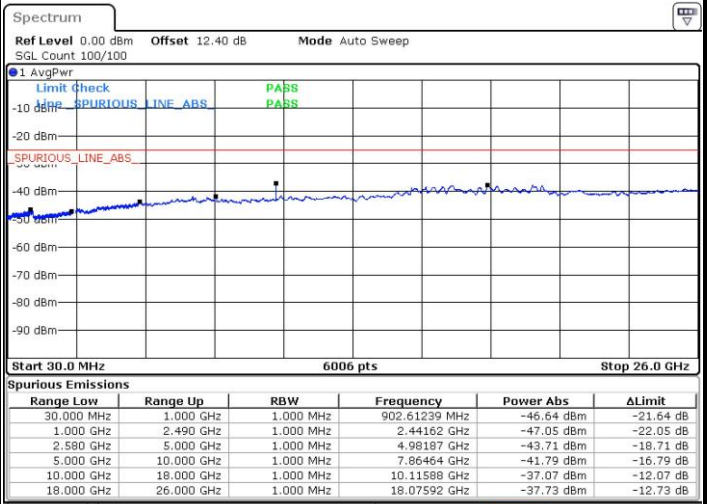
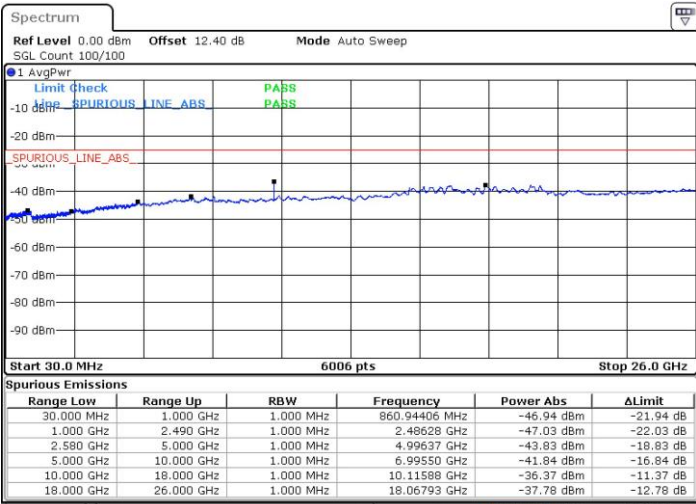


Date: 2.MAY.2015 12:46:10

Date: 2.MAY.2015 12:47:20

Middle Channel / QPSK

Middle Channel / 16QAM



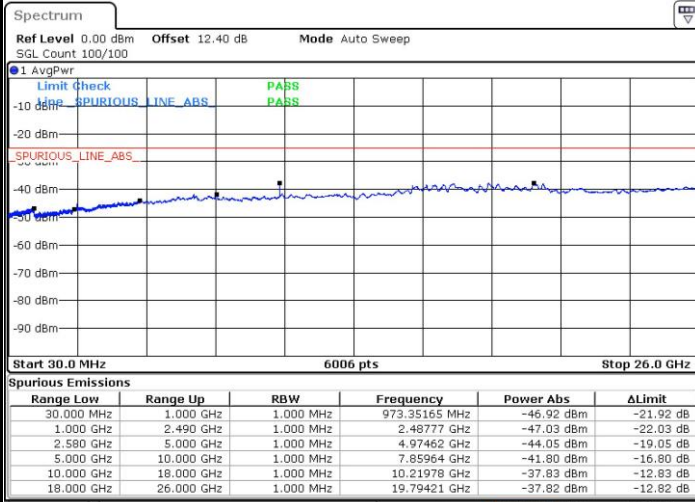
Date: 2.MAY.2015 12:49:17

Date: 2.MAY.2015 12:50:26



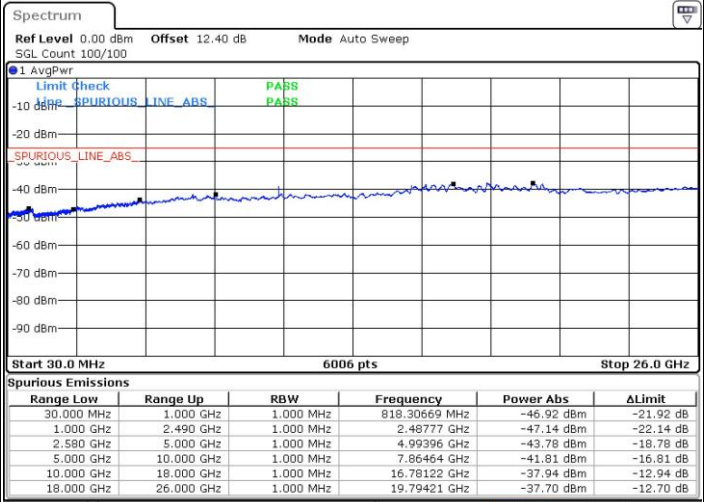
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 2.MAY.2015 12:57:02

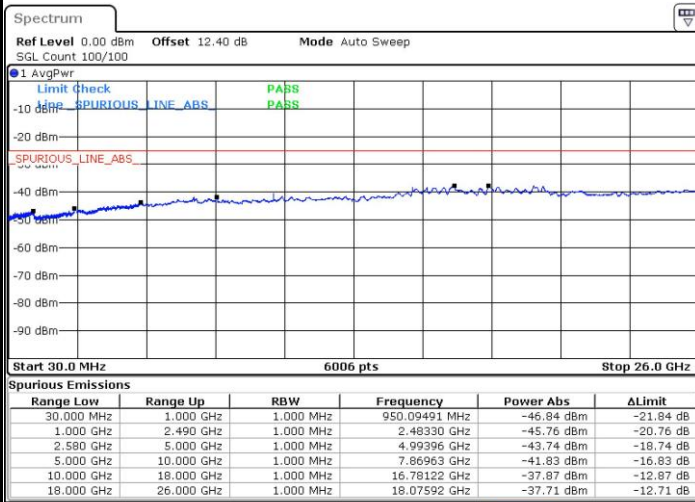
Highest Channel / 16QAM



Date: 2.MAY.2015 12:58:11

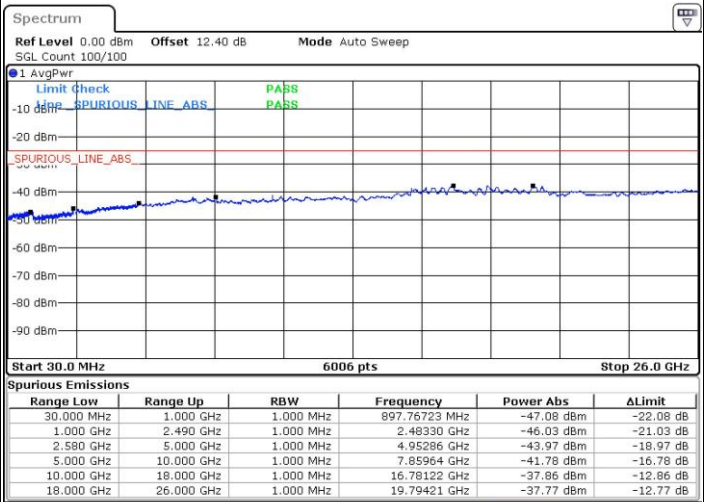
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 2.MAY.2015 13:04:47

Lowest Channel / 16QAM



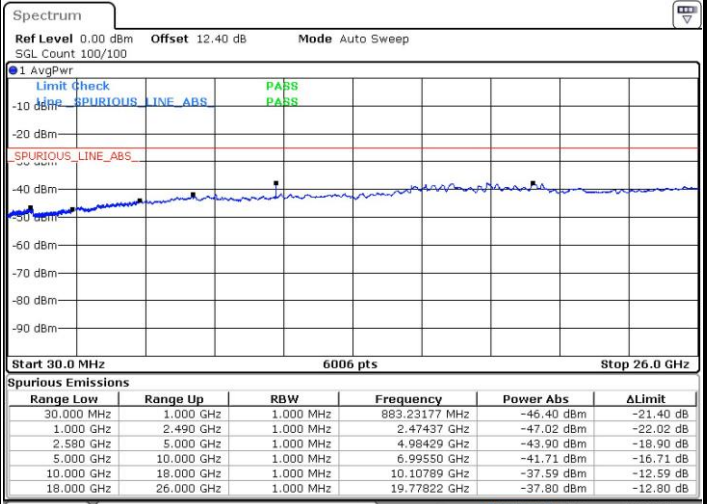
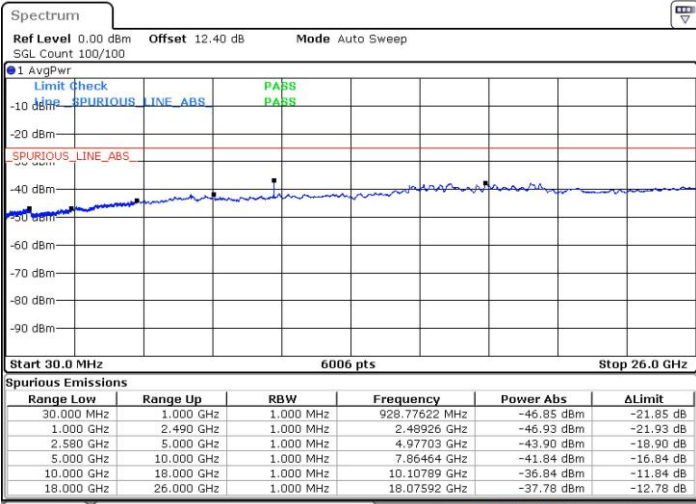
Date: 2.MAY.2015 13:05:57



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

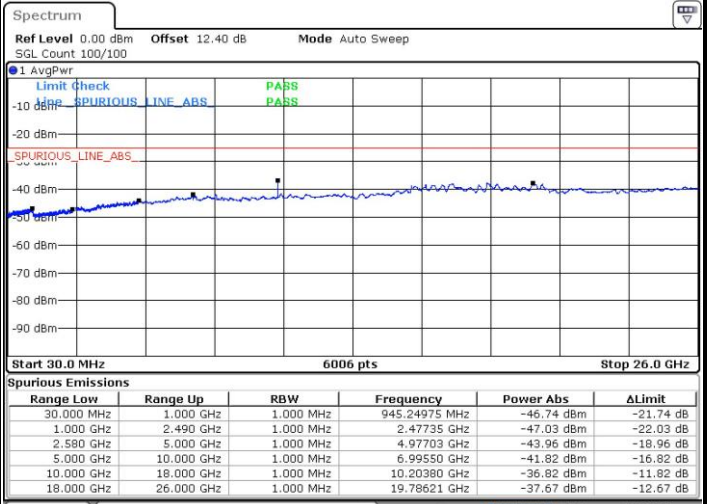
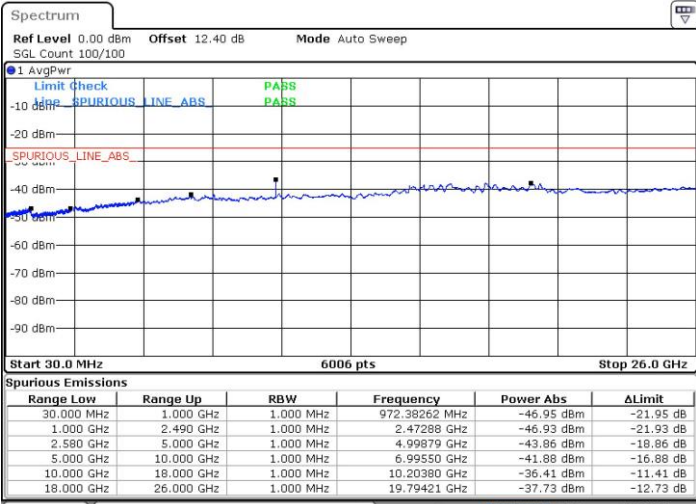


Date: 2.MAY.2015 13:07:53

Date: 2.MAY.2015 13:09:03

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.MAY.2015 13:15:38

Date: 2.MAY.2015 13:16:48



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	0.0001	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.95V. ; Battery End Point (BEP) = 3.55 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 4 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.95	0.2483	23.38	0.2178
Middle		1	0	24.35	0.2723	22.99	0.1991
Highest		1	0	24.25	0.2661	21.99	0.1581
Lowest	16QAM	1	0	22.29	0.1694	21.39	0.1377
Middle		1	0	22.75	0.1884	21.28	0.1343
Highest		1	0	22.55	0.1799	20.40	0.1096
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.91	0.2460	22.98	0.1986
Middle		1	0	24.39	0.2748	22.99	0.1991
Highest		1	0	24.39	0.2748	22.23	0.1671
Lowest	16QAM	1	0	22.33	0.1710	21.59	0.1442
Middle		1	0	22.67	0.1849	21.25	0.1334
Highest		1	0	22.56	0.1803	20.39	0.1094
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.94	0.2477	23.07	0.2028
Middle		1	0	24.56	0.2858	22.86	0.1932
Highest		1	0	24.26	0.2667	22.21	0.1663
Lowest	16QAM	1	0	22.15	0.1641	21.30	0.1349
Middle		1	0	22.43	0.1750	20.99	0.1256
Highest		1	0	22.58	0.1811	20.51	0.1125
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.96	0.2489	23.17	0.2075
Middle		1	0	24.54	0.2844	23.12	0.2051
Highest		1	0	24.24	0.2655	22.37	0.1726
Lowest	16QAM	1	0	22.20	0.1660	21.30	0.1349
Middle		1	0	22.65	0.1841	21.22	0.1324
Highest		1	0	22.57	0.1807	20.64	0.1159
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	24.11	0.2576	23.24	0.2109
Middle		1	0	24.71	0.2958	23.34	0.2158
Highest		1	0	24.50	0.2818	22.85	0.1928
Lowest	16QAM	1	0	22.32	0.1706	21.46	0.1400
Middle		1	0	22.68	0.1854	21.50	0.1413
Highest		1	0	22.67	0.1849	21.05	0.1274
Limit	EIRP < 1W			Result		PASS	