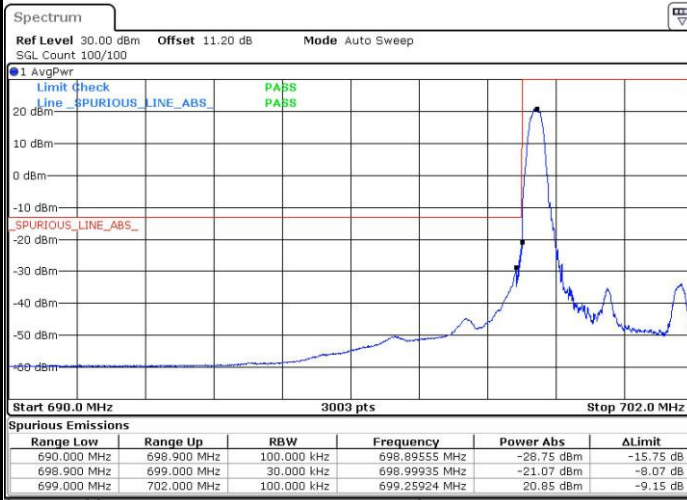




LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 31.OCT.2016 11:55:40

Highest Band Edge / 1 RB



Date: 31.OCT.2016 12:05:46

Lowest Band Edge / Full RB



Date: 31.OCT.2016 11:52:12

Highest Band Edge / Full RB

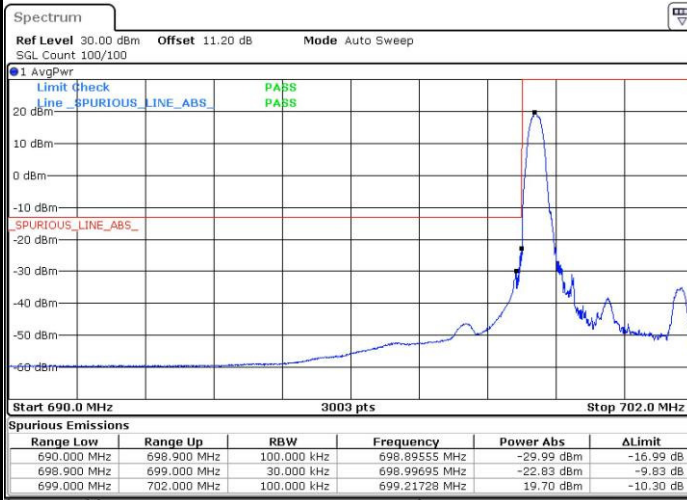


Date: 31.OCT.2016 12:02:17



LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 31.OCT.2016 11:54:31

Highest Band Edge / 1 RB



Date: 31.OCT.2016 12:04:36

Lowest Band Edge / Full RB



Date: 31.OCT.2016 11:53:21

Highest Band Edge / Full RB

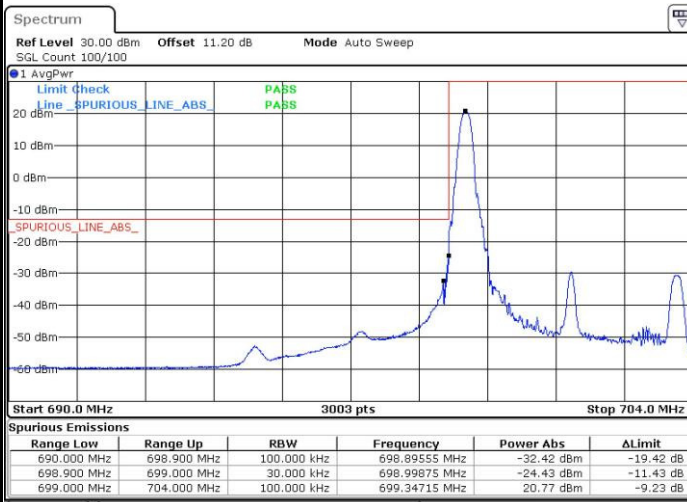


Date: 31.OCT.2016 12:03:27



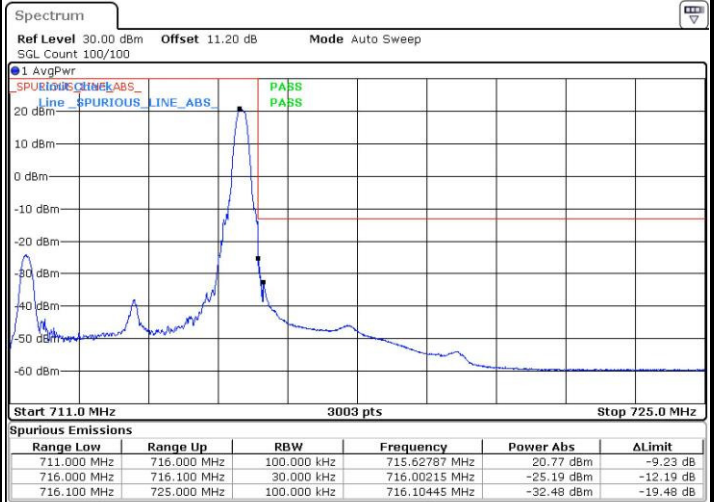
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



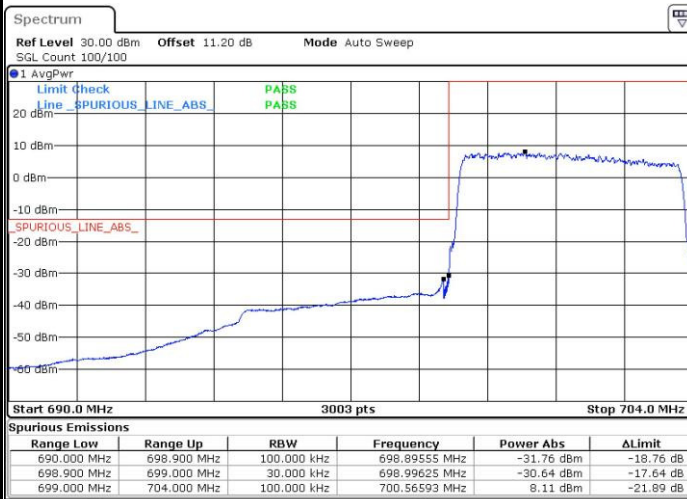
Date: 31.OCT.2016 12:13:07

Highest Band Edge / 1 RB



Date: 31.OCT.2016 12:22:04

Lowest Band Edge / Full RB



Date: 31.OCT.2016 12:09:39

Highest Band Edge / Full RB

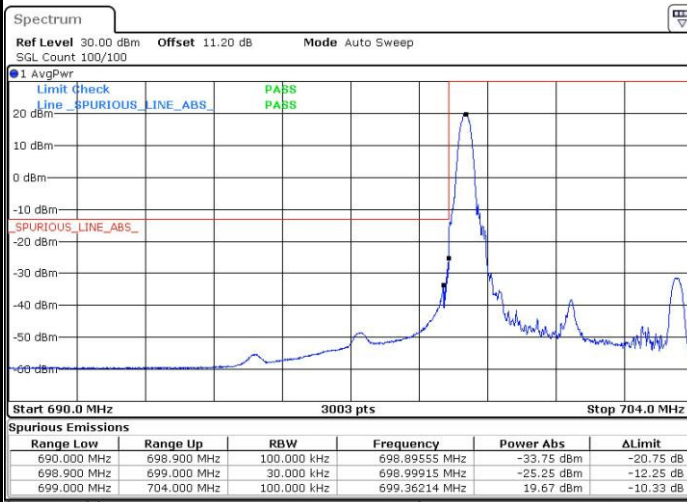


Date: 31.OCT.2016 12:19:45



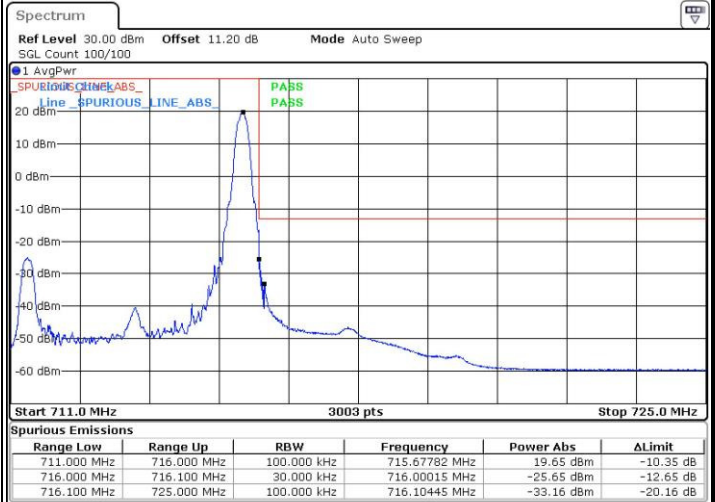
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



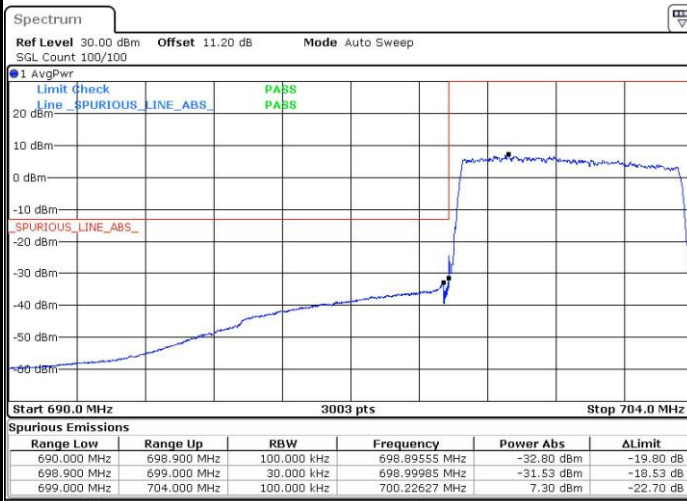
Date: 31.OCT.2016 12:11:58

Highest Band Edge / 1 RB



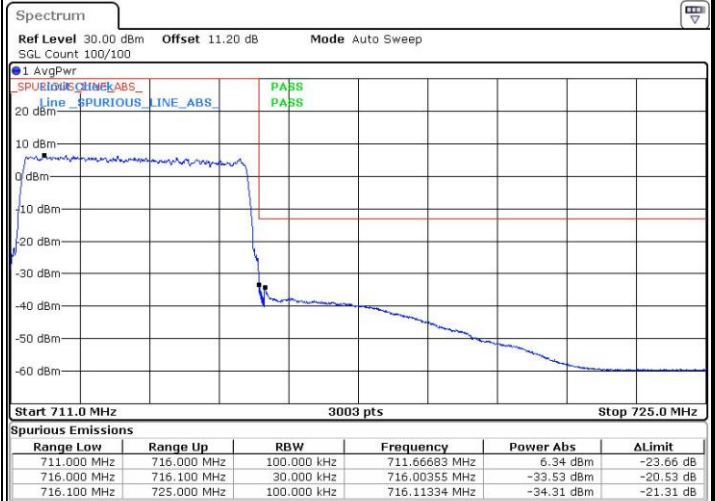
Date: 31.OCT.2016 12:23:13

Lowest Band Edge / Full RB



Date: 31.OCT.2016 12:10:48

Highest Band Edge / Full RB

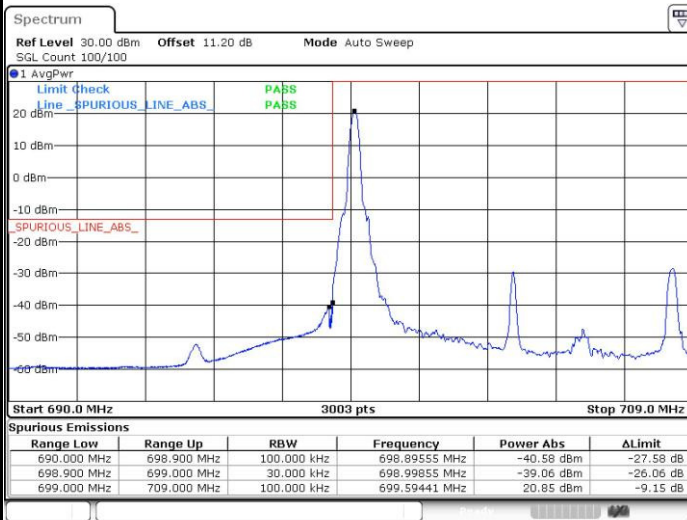


Date: 31.OCT.2016 12:20:54

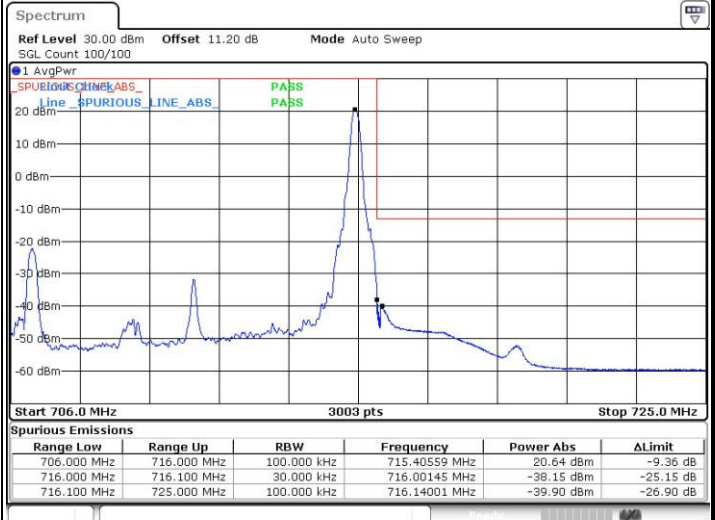


LTE Band 12 / 10MHz / QPSK

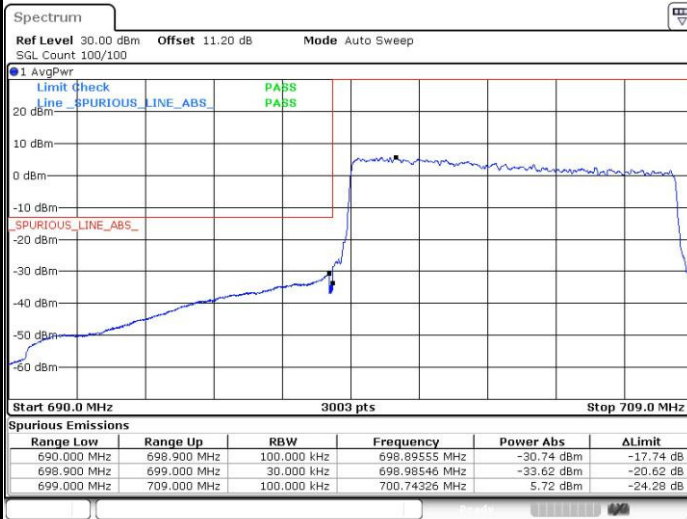
Lowest Band Edge / 1 RB



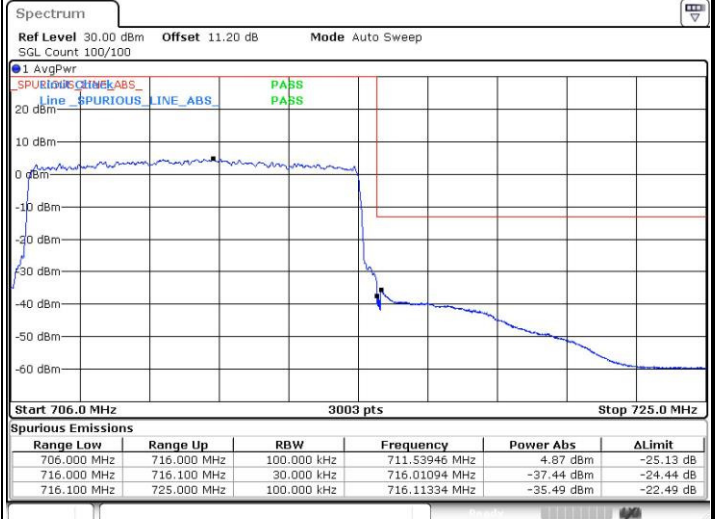
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



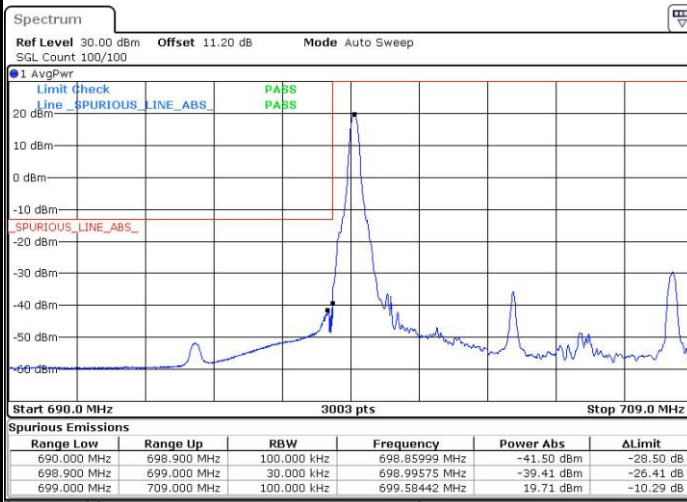
Highest Band Edge / Full RB





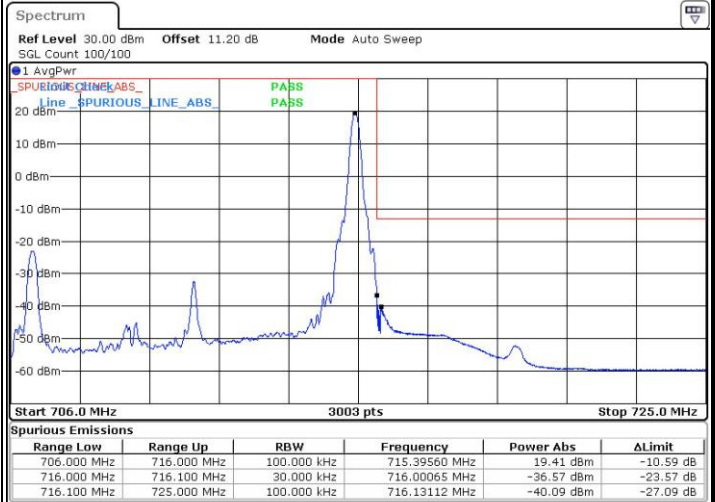
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



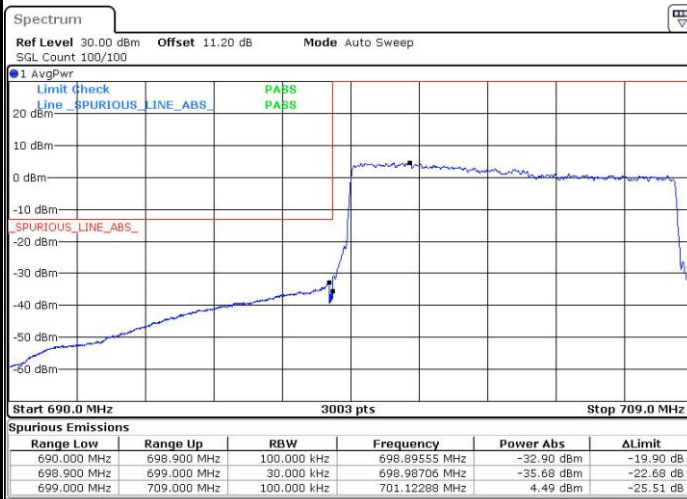
Date: 31.OCT.2016 12:29:25

Highest Band Edge / 1 RB



Date: 31.OCT.2016 12:39:30

Lowest Band Edge / Full RB



Date: 31.OCT.2016 12:28:16

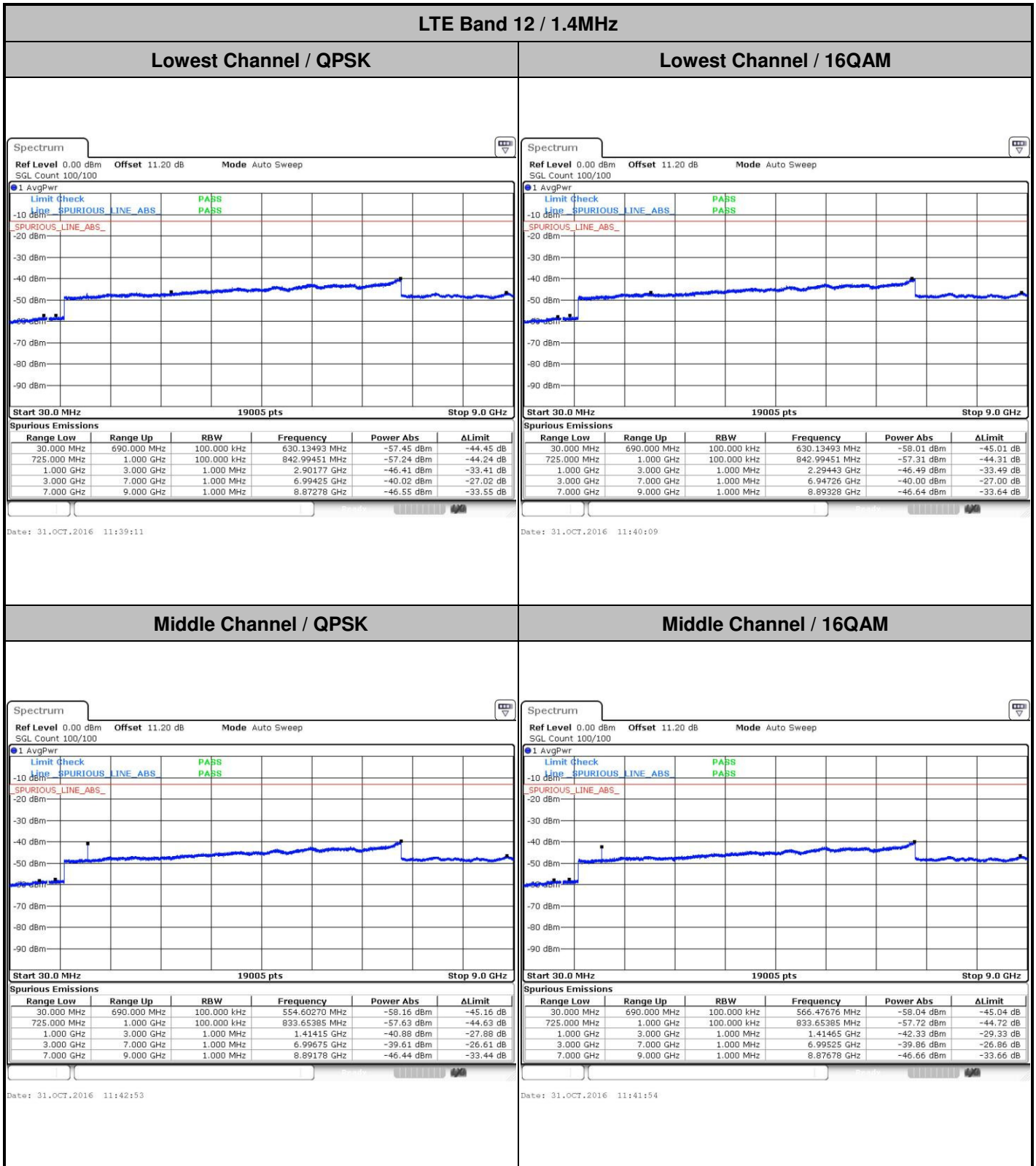
Highest Band Edge / Full RB



Date: 31.OCT.2016 12:38:20



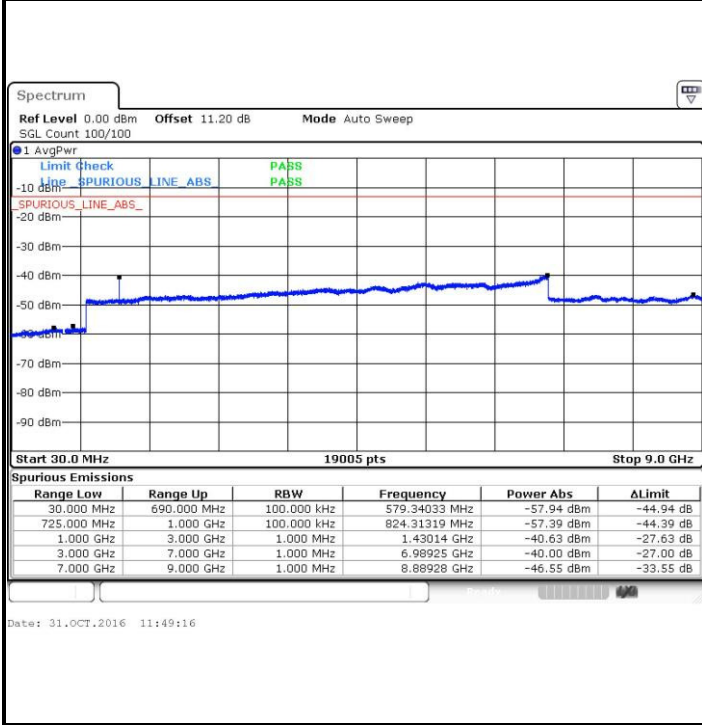
Conducted Spurious Emission



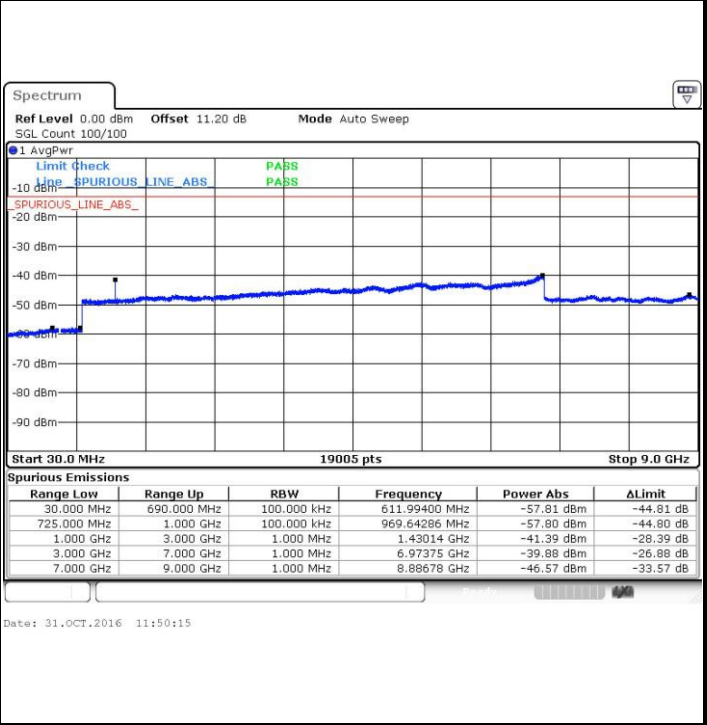


LTE Band 12 / 1.4MHz

Highest Channel / QPSK

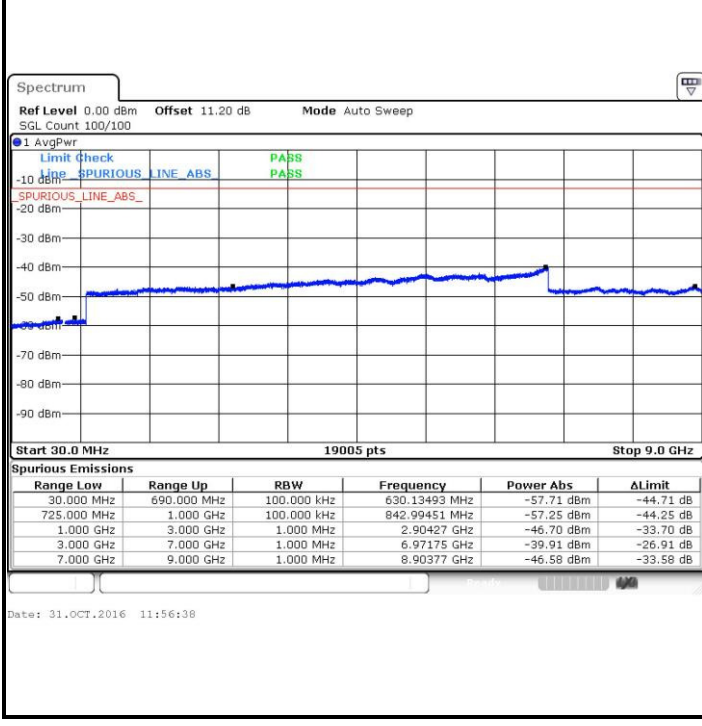


Highest Channel / 16QAM

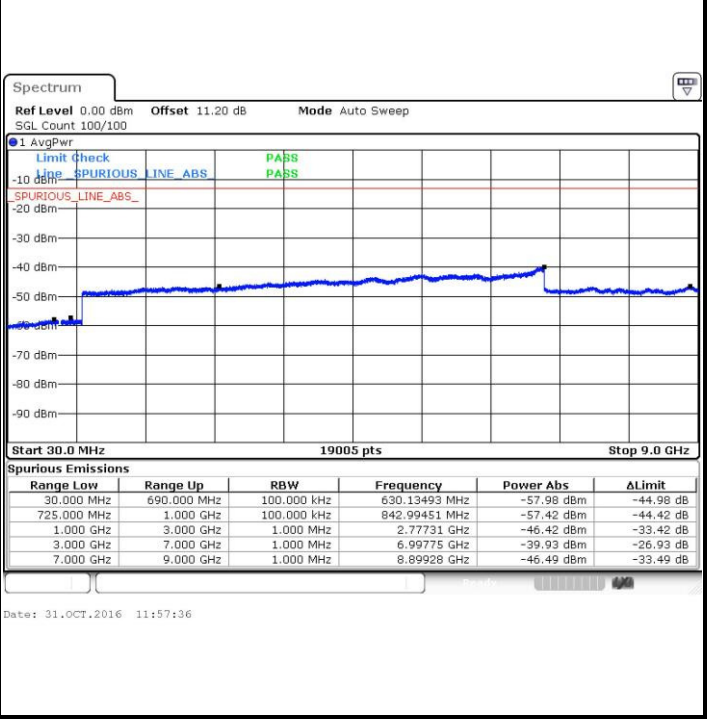


LTE Band 12 / 3MHz

Lowest Channel / QPSK



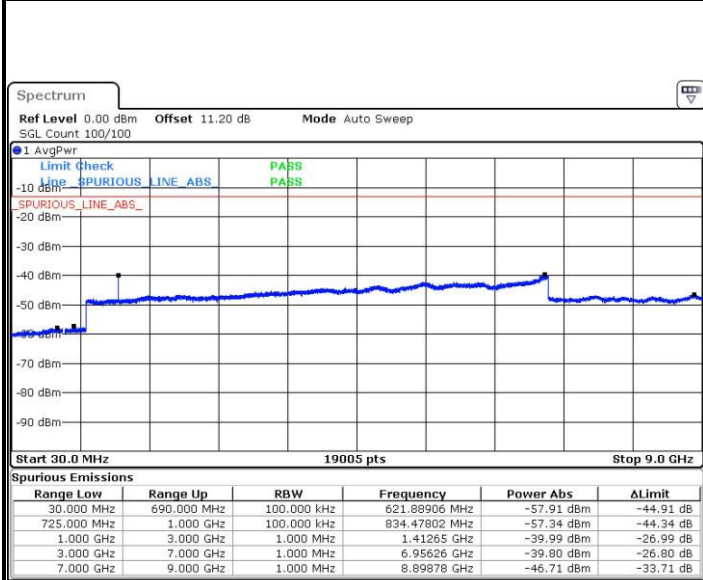
Lowest Channel / 16QAM





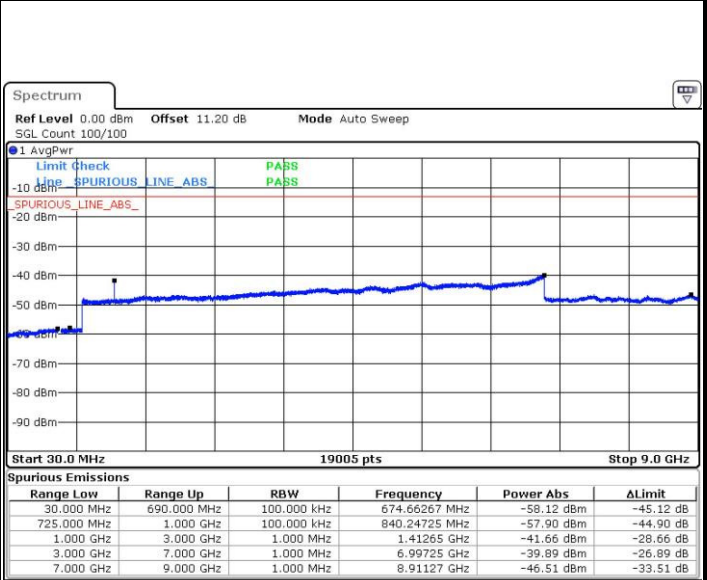
LTE Band 12 / 3MHz

Middle Channel / QPSK



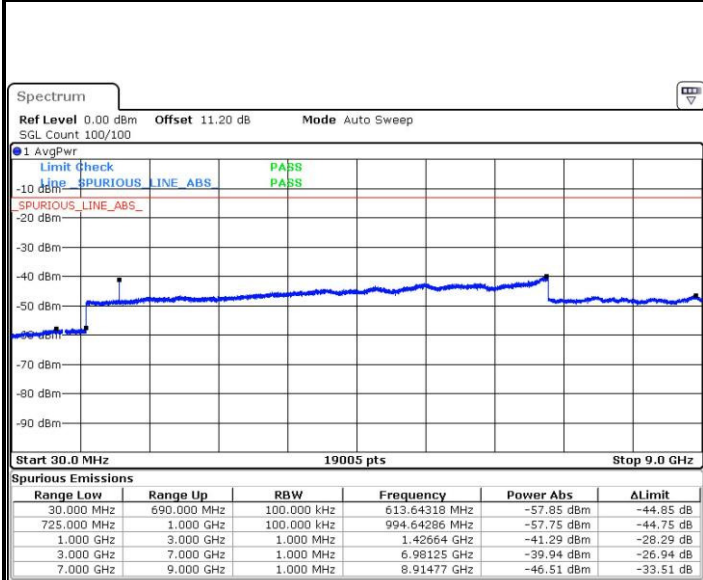
Date: 31.OCT.2016 12:00:20

Middle Channel / 16QAM



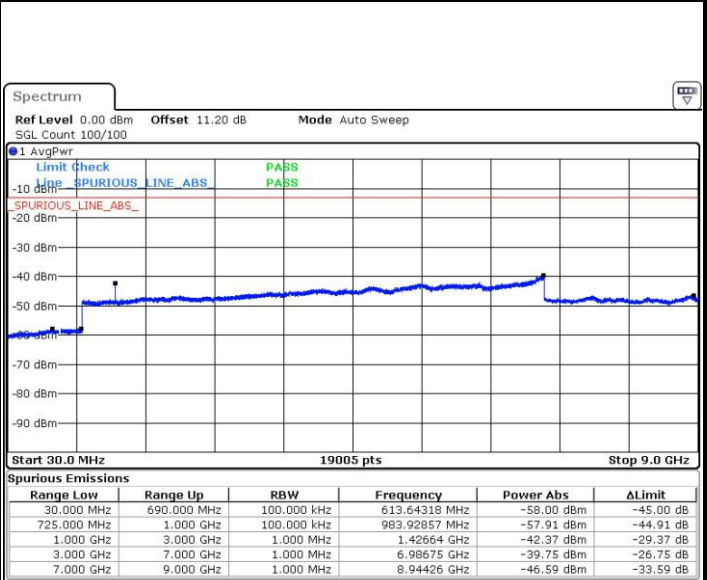
Date: 31.OCT.2016 11:59:22

Highest Channel / QPSK



Date: 31.OCT.2016 12:06:43

Highest Channel / 16QAM



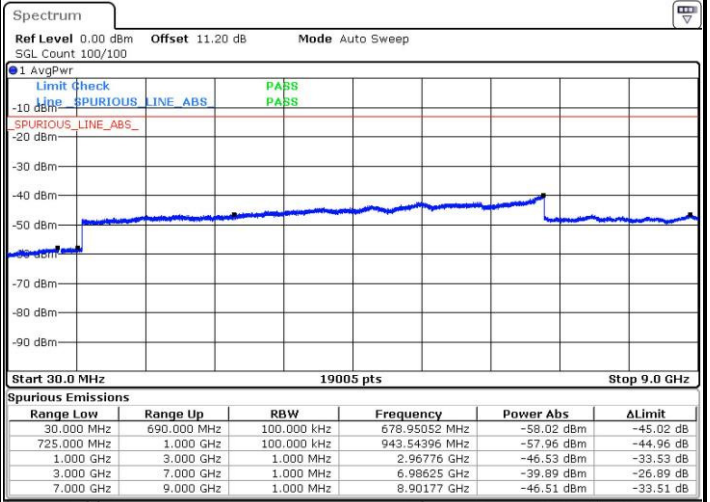
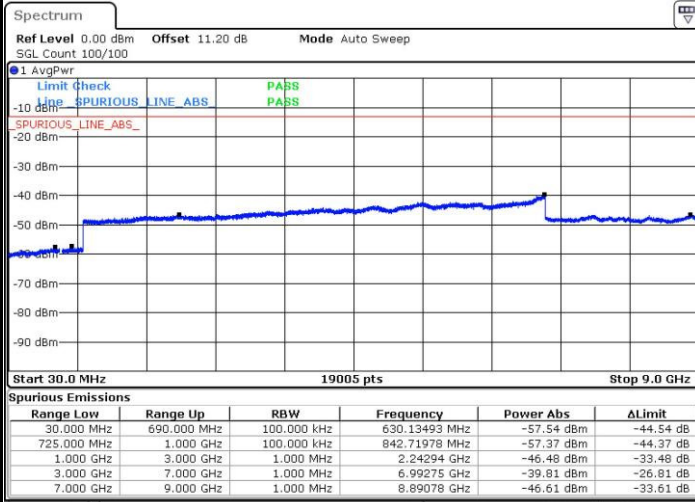
Date: 31.OCT.2016 12:07:42



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

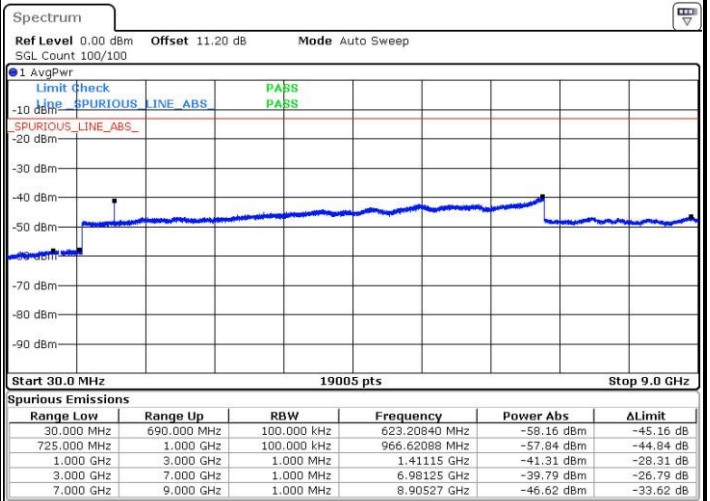
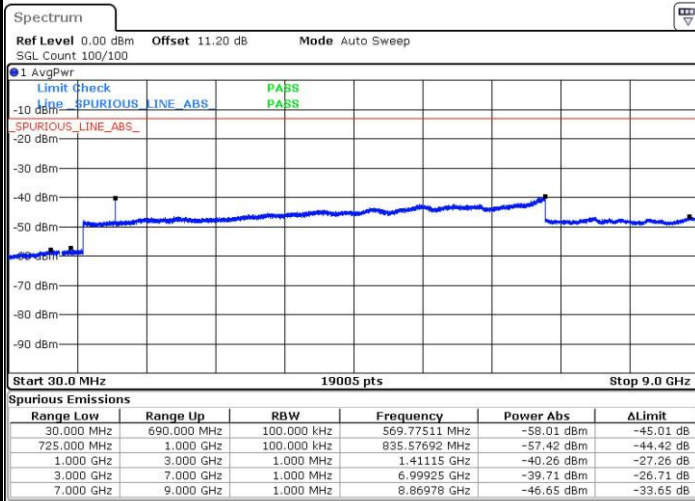


Date: 31.OCT.2016 12:14:05

Date: 31.OCT.2016 12:15:03

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 31.OCT.2016 12:17:47

Date: 31.OCT.2016 12:16:49



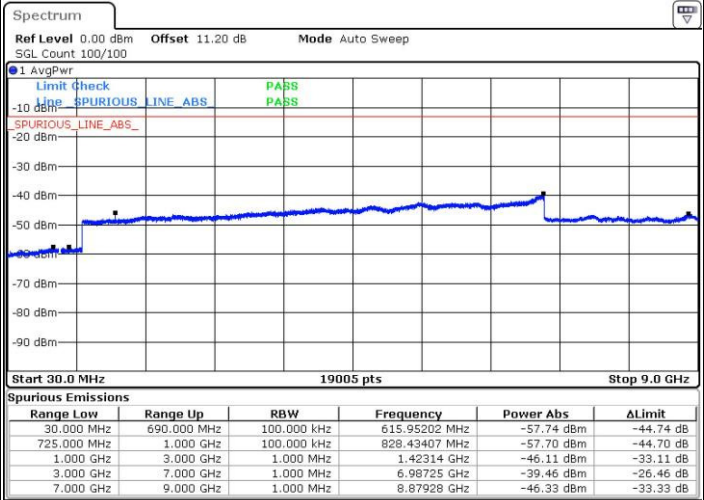
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 31.OCT.2016 12:25:09

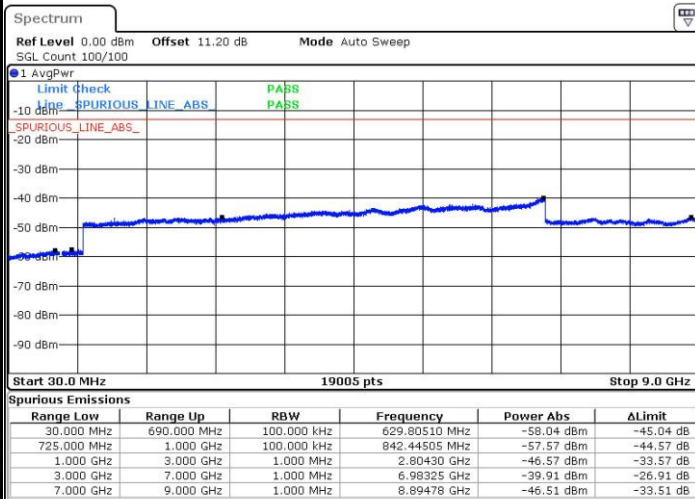
Highest Channel / 16QAM



Date: 31.OCT.2016 12:24:11

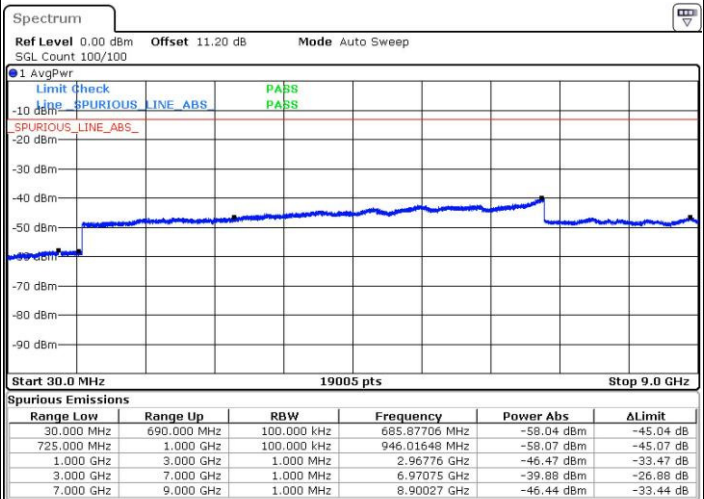
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 31.OCT.2016 12:31:32

Lowest Channel / 16QAM

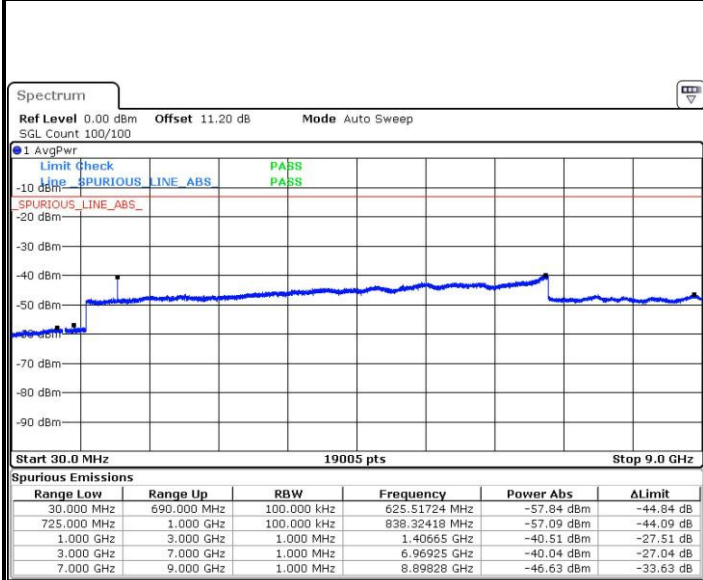


Date: 31.OCT.2016 12:32:30



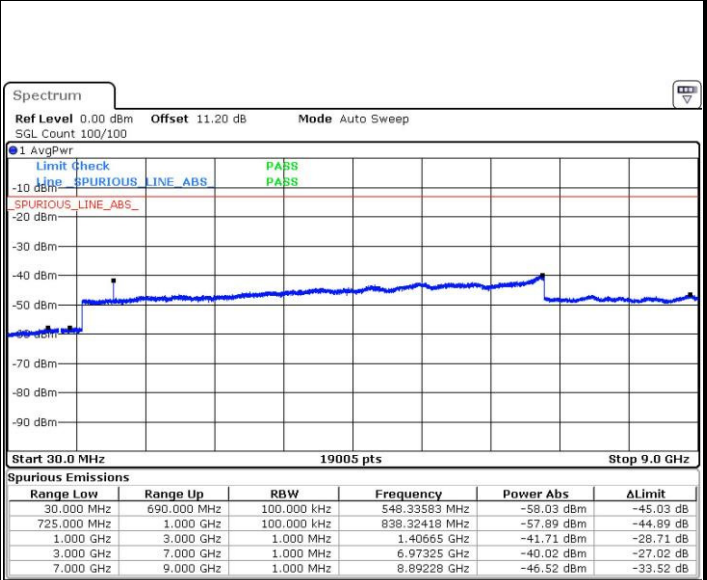
LTE Band 12 / 10MHz

Middle Channel / QPSK



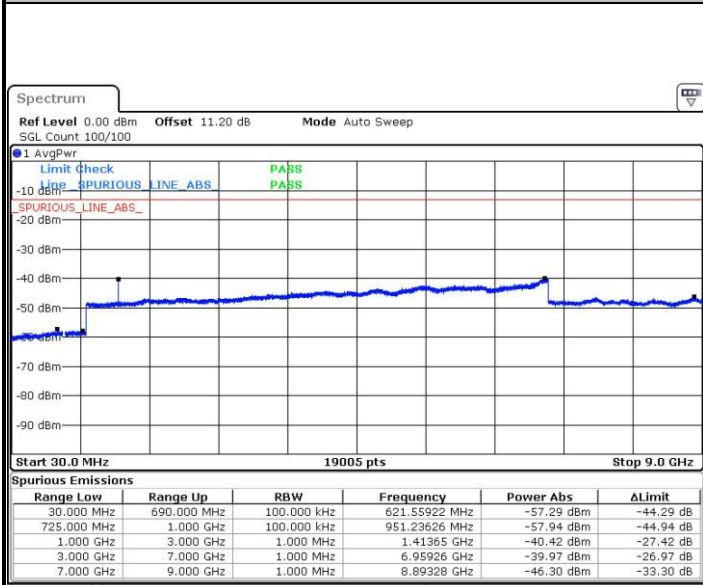
Date: 31.OCT.2016 12:35:14

Middle Channel / 16QAM



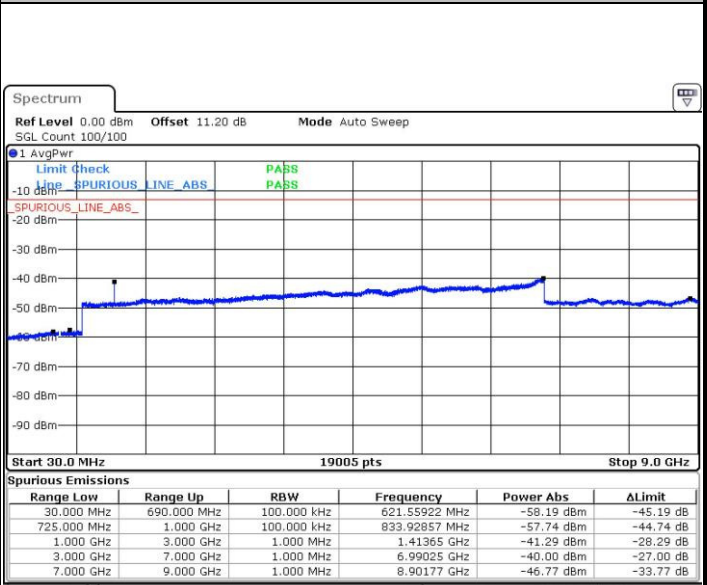
Date: 31.OCT.2016 12:34:16

Highest Channel / QPSK



Date: 31.OCT.2016 12:41:37

Highest Channel / 16QAM



Date: 31.OCT.2016 12:42:35



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0131	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0148	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0140	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0140	
-30	Normal Voltage	0.0133	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0143	

Note:

1. Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.