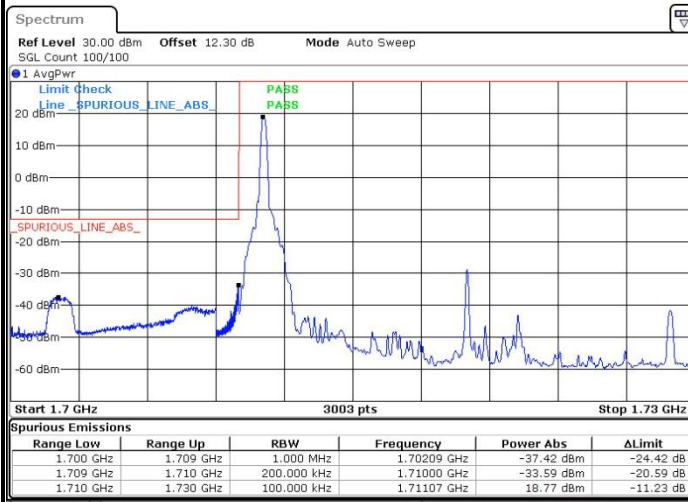


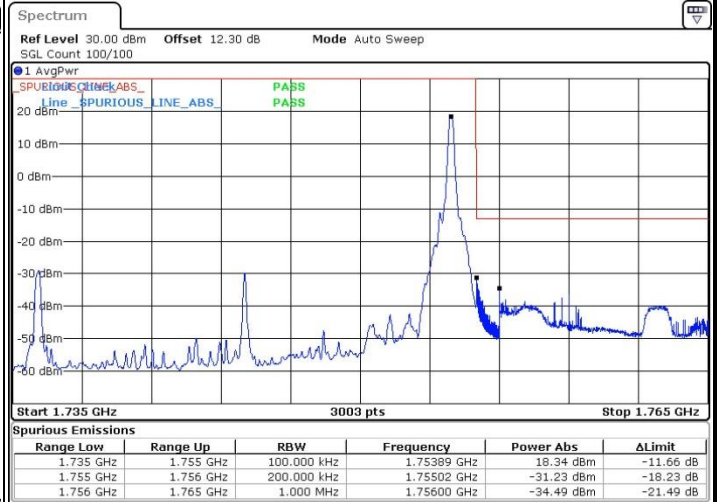


LTE Band 4 / 20MHz / 16QAM

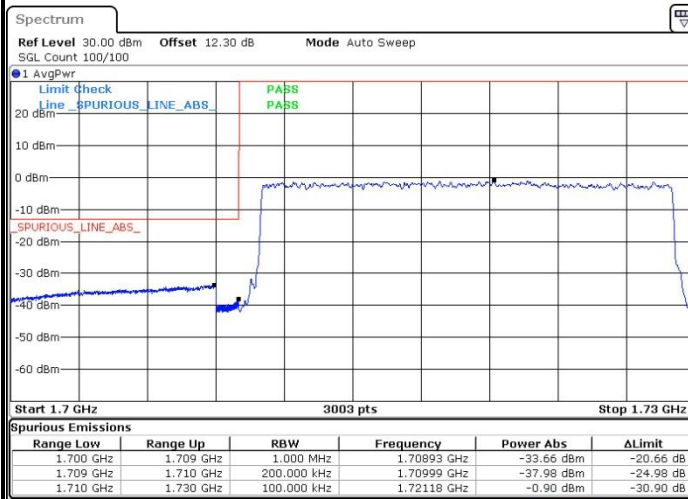
Lowest Band Edge / 1 RB



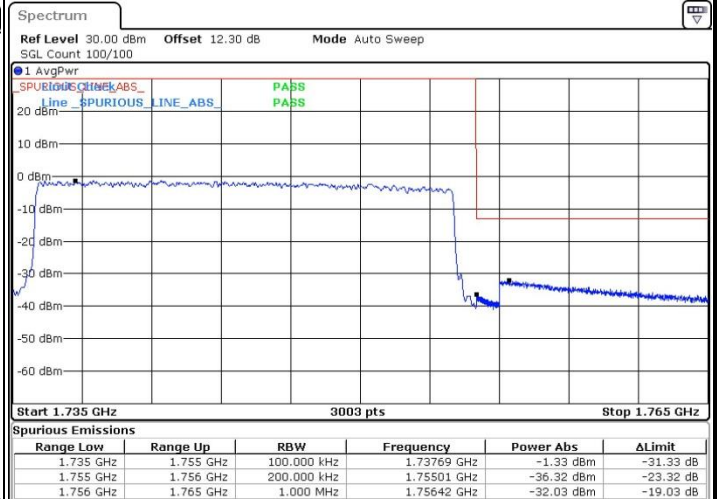
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

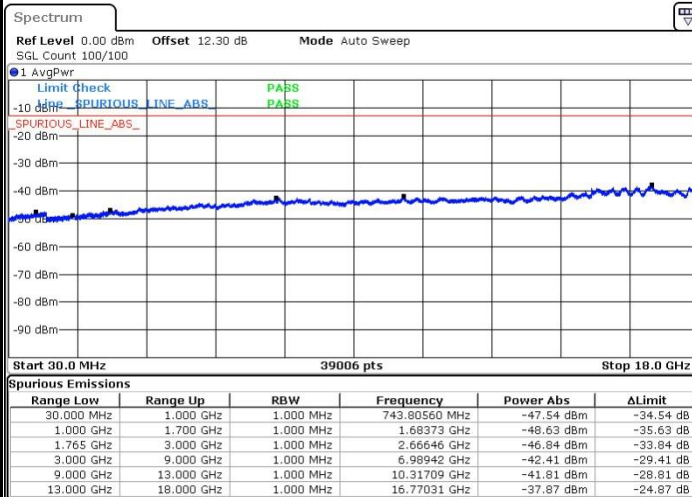




Conducted Spurious Emission

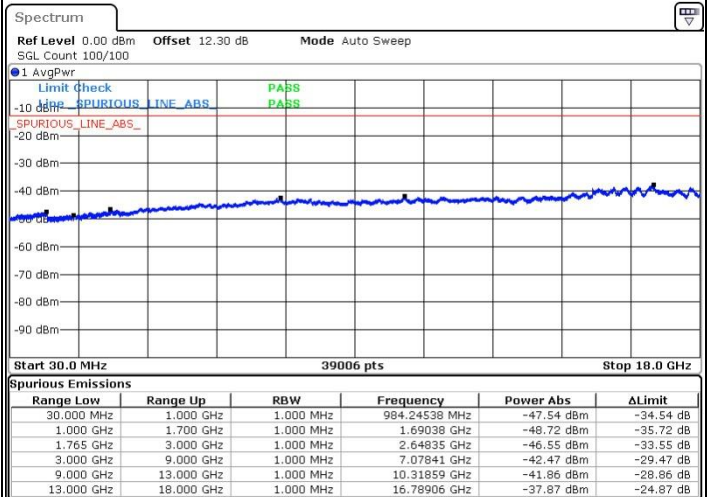
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



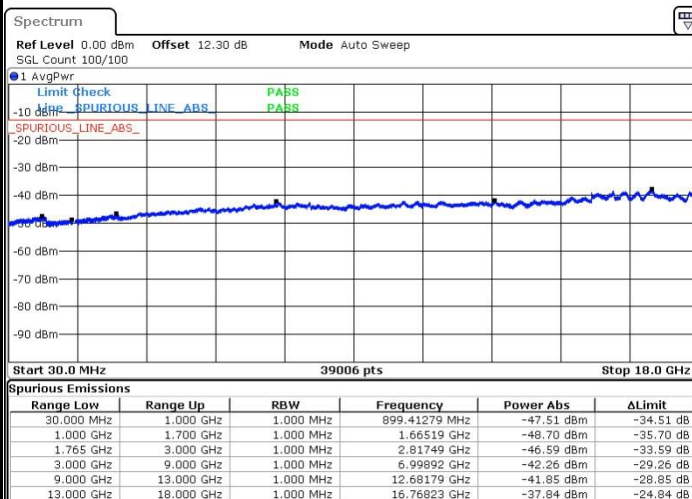
Date: 3.OCT.2015 11:12:43

Lowest Channel / 16QAM



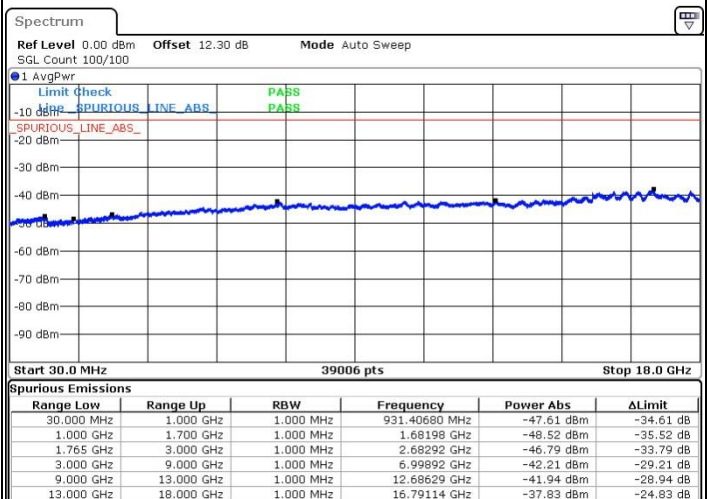
Date: 3.OCT.2015 11:13:38

Middle Channel / QPSK



Date: 3.OCT.2015 11:15:14

Middle Channel / 16QAM

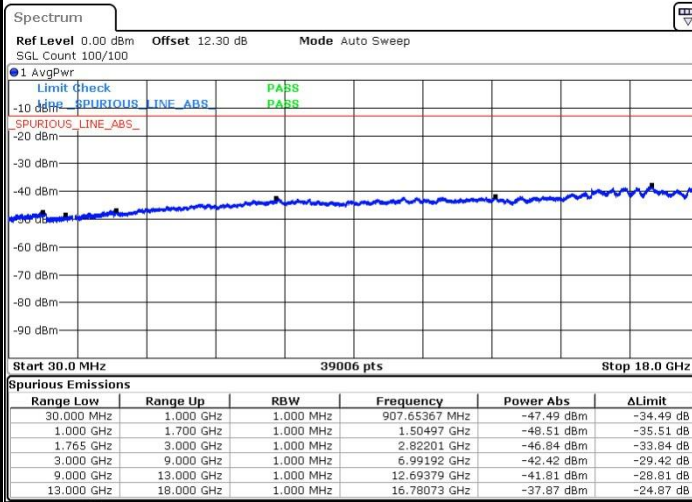


Date: 3.OCT.2015 11:16:09



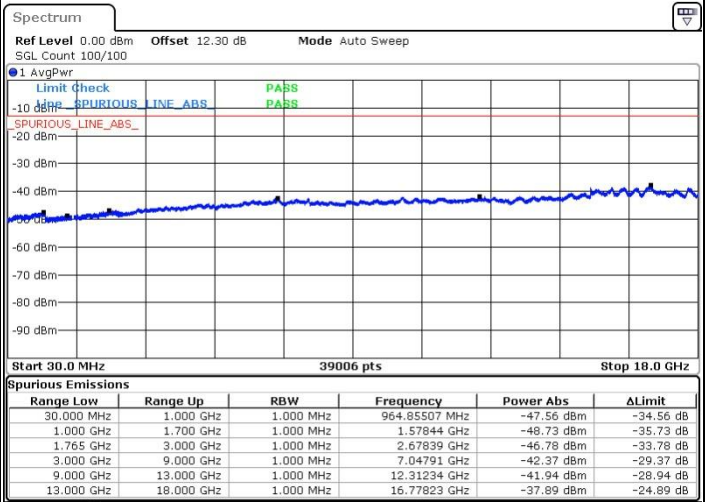
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 3.OCT.2015 11:22:23

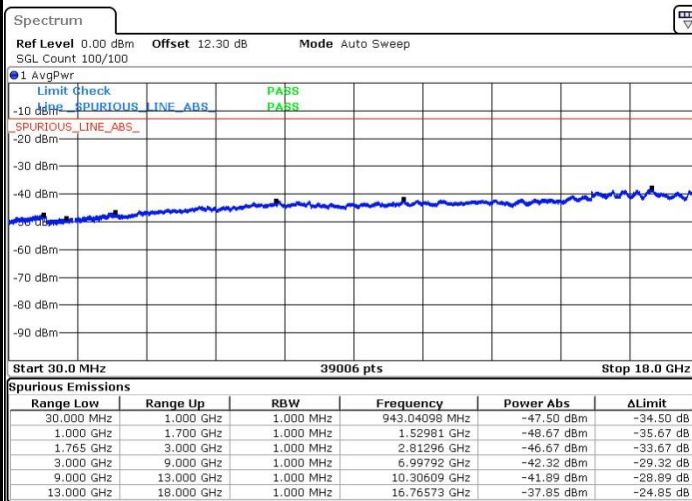
Highest Channel / 16QAM



Date: 3.OCT.2015 11:23:18

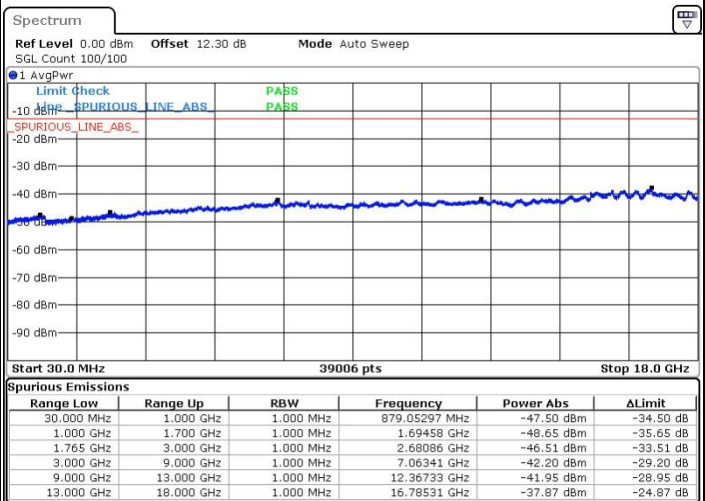
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 3.OCT.2015 09:41:52

Lowest Channel / 16QAM

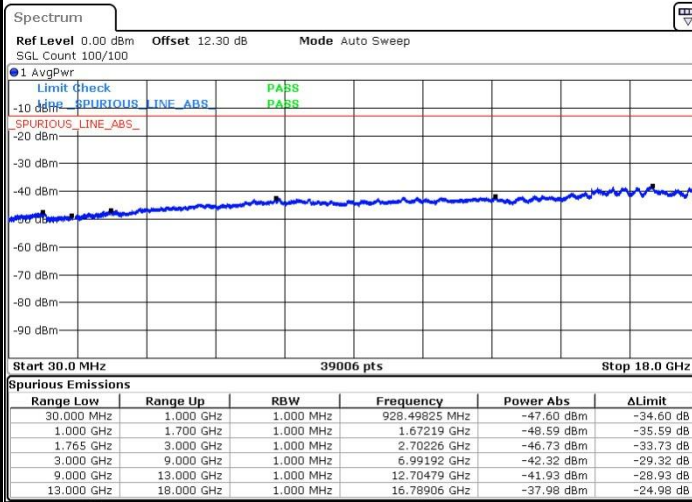


Date: 3.OCT.2015 09:42:46



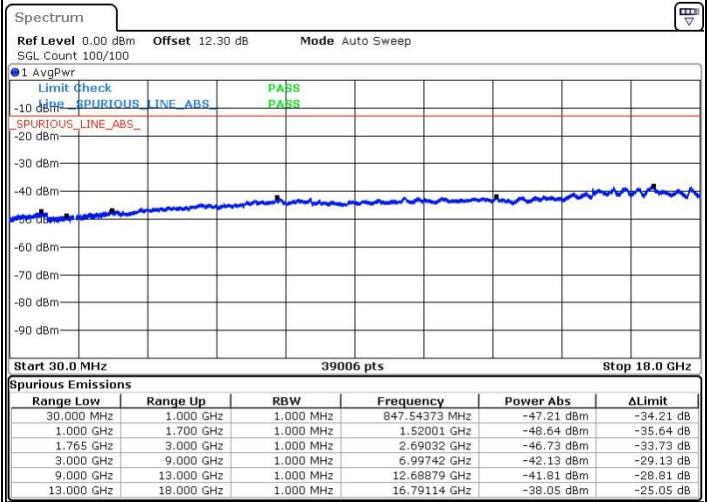
LTE Band 4 / 3MHz

Middle Channel / QPSK



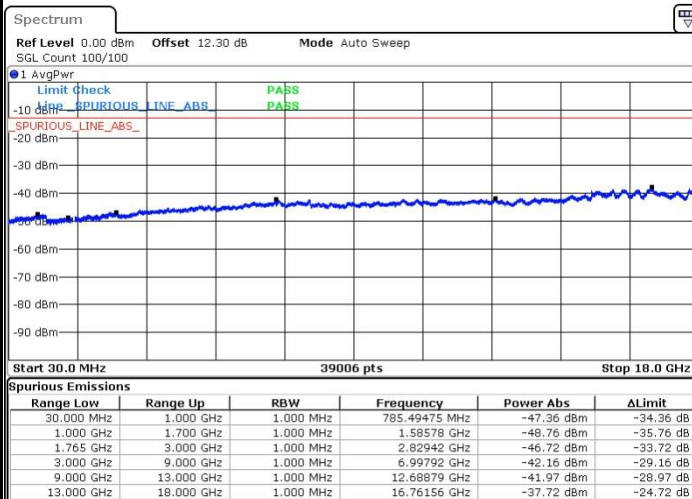
Date: 3.OCT.2015 09:44:24

Middle Channel / 16QAM



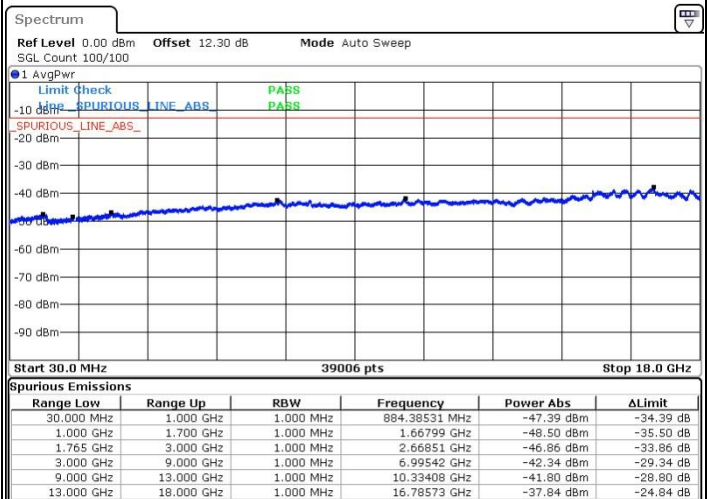
Date: 3.OCT.2015 09:45:18

Highest Channel / QPSK



Date: 3.OCT.2015 09:51:33

Highest Channel / 16QAM

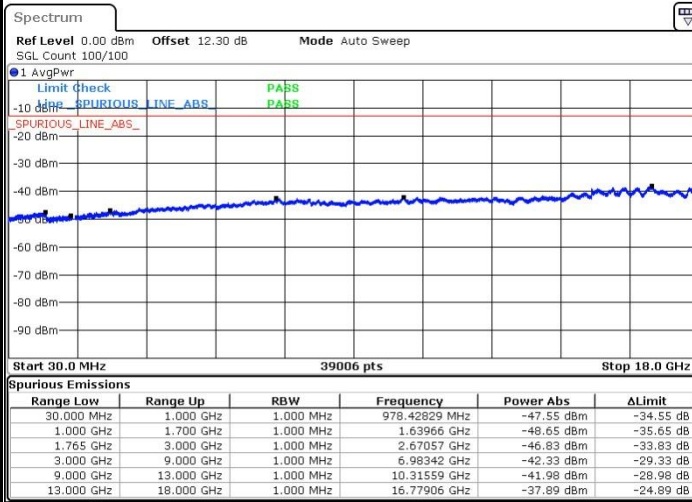


Date: 3.OCT.2015 09:52:28



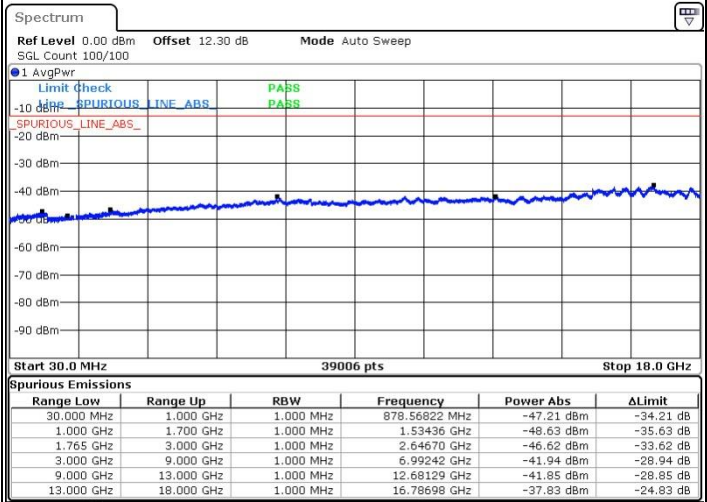
LTE Band 4 / 5MHz

Lowest Channel / QPSK



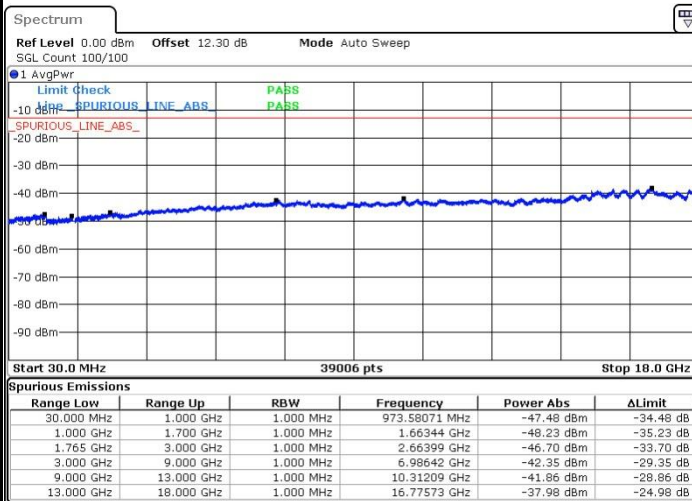
Date: 3.OCT.2015 09:58:42

Lowest Channel / 16QAM



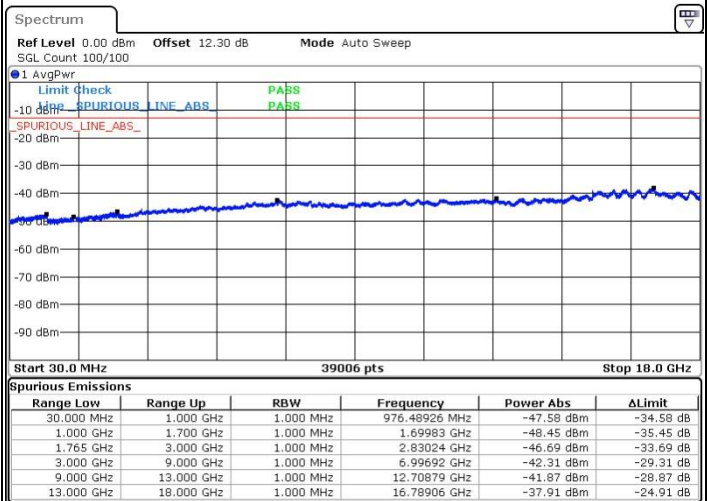
Date: 3.OCT.2015 09:59:37

Middle Channel / QPSK



Date: 3.OCT.2015 10:01:14

Middle Channel / 16QAM

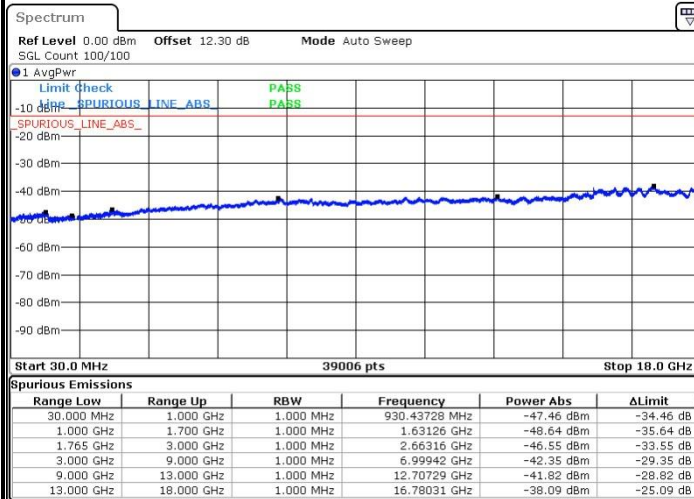


Date: 3.OCT.2015 10:02:08



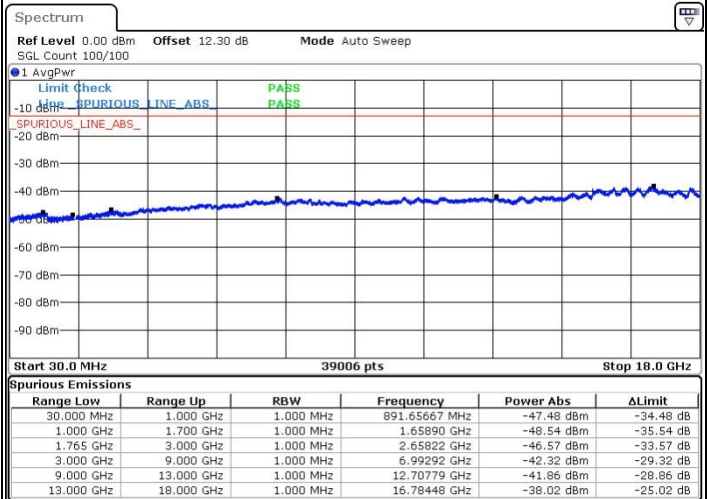
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 3.OCT.2015 10:08:22

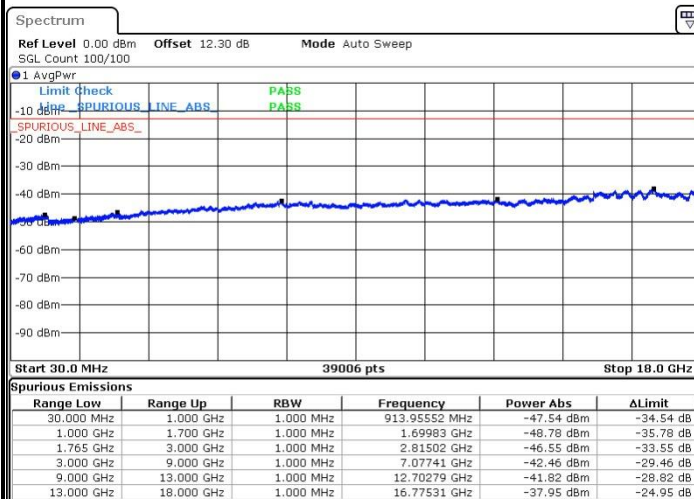
Highest Channel / 16QAM



Date: 3.OCT.2015 10:09:17

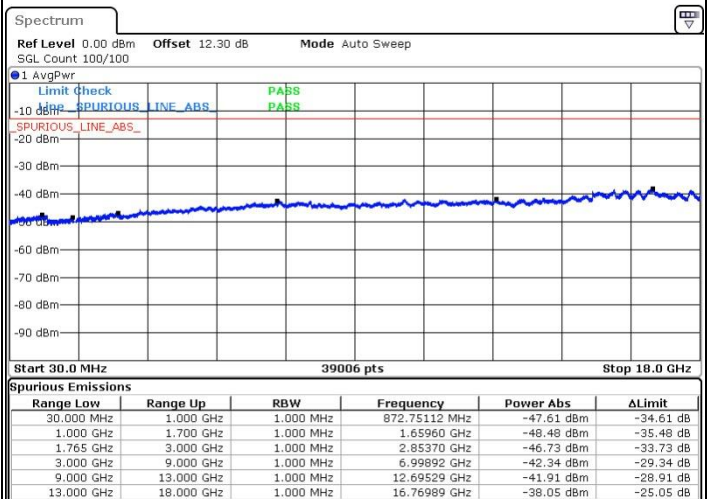
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 3.OCT.2015 10:15:31

Lowest Channel / 16QAM

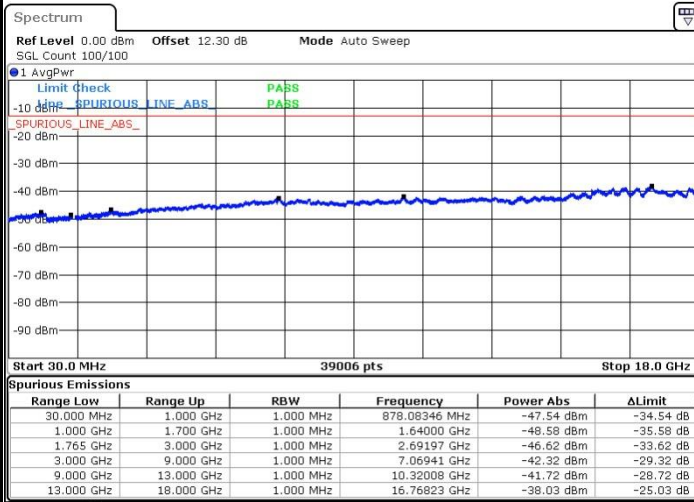


Date: 3.OCT.2015 10:16:26



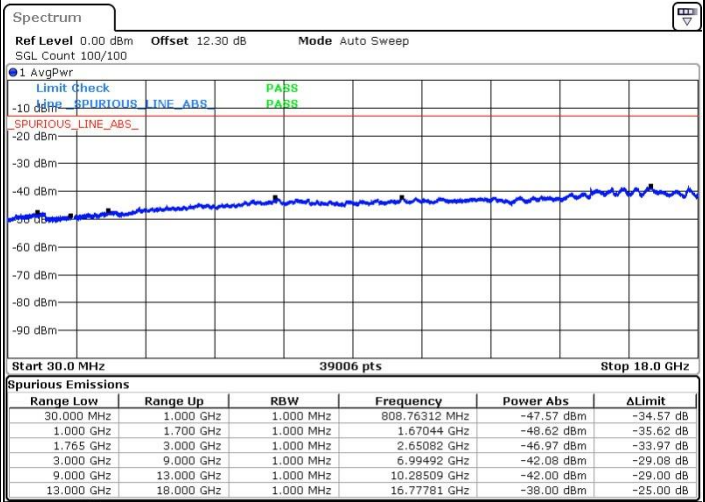
LTE Band 4 / 10MHz

Middle Channel / QPSK



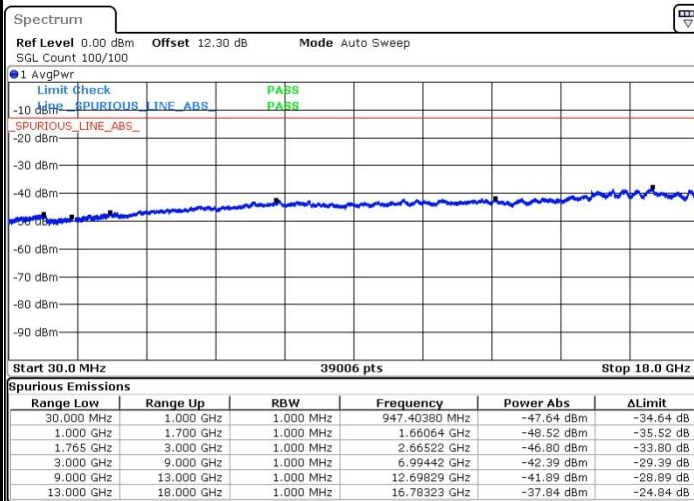
Date: 3.OCT.2015 10:18:03

Middle Channel / 16QAM



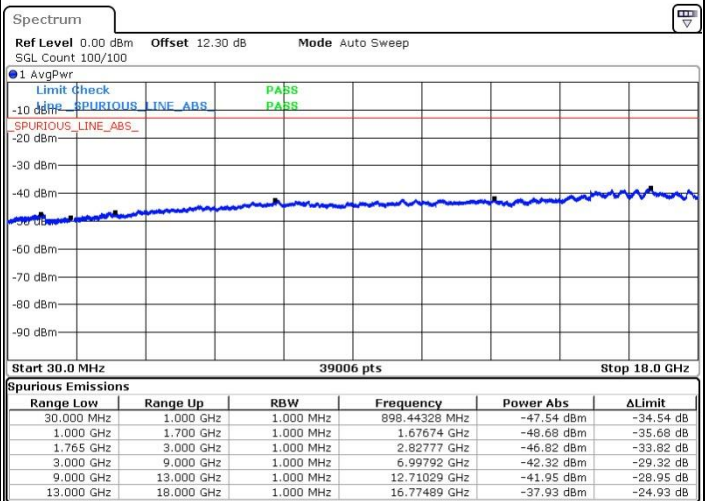
Date: 3.OCT.2015 10:18:58

Highest Channel / QPSK



Date: 3.OCT.2015 10:25:12

Highest Channel / 16QAM

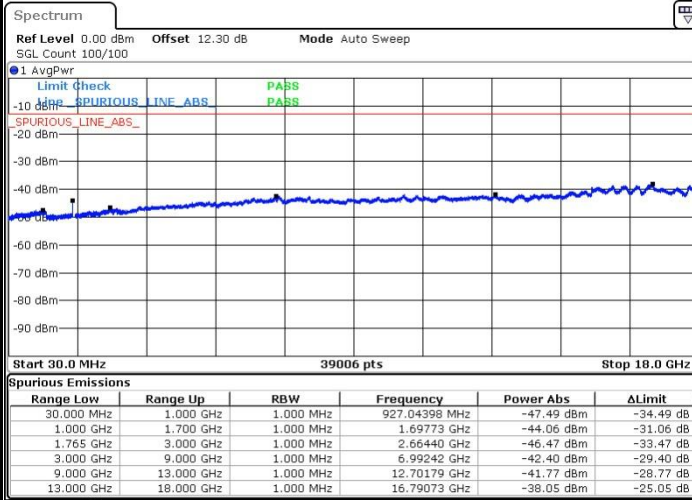


Date: 3.OCT.2015 10:26:07



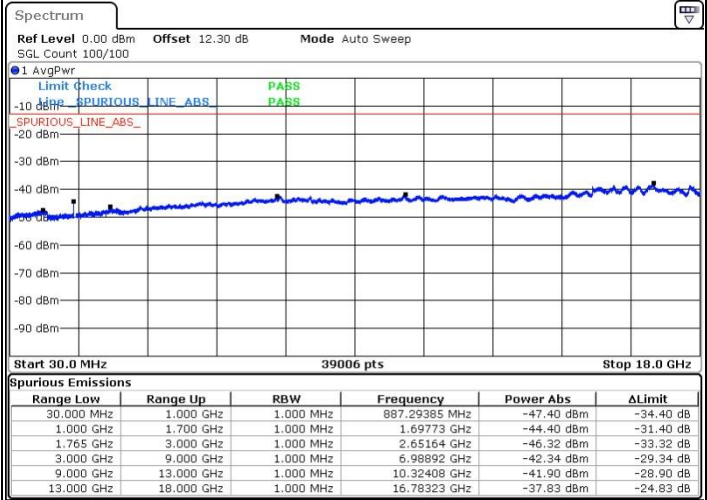
LTE Band 4 / 15MHz

Lowest Channel / QPSK



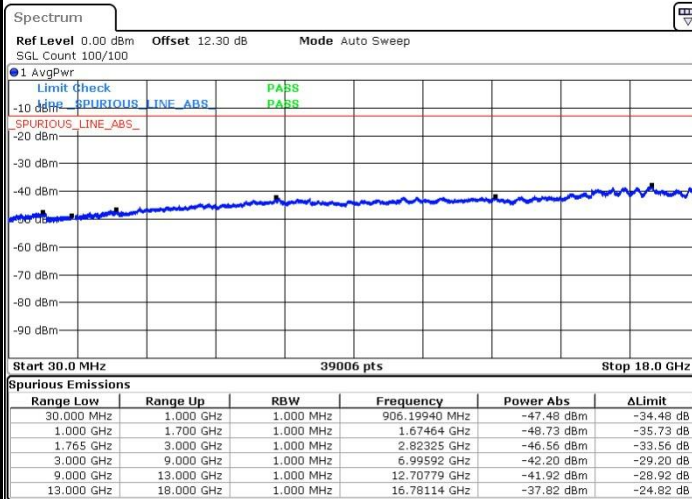
Date: 3.OCT.2015 10:32:21

Lowest Channel / 16QAM



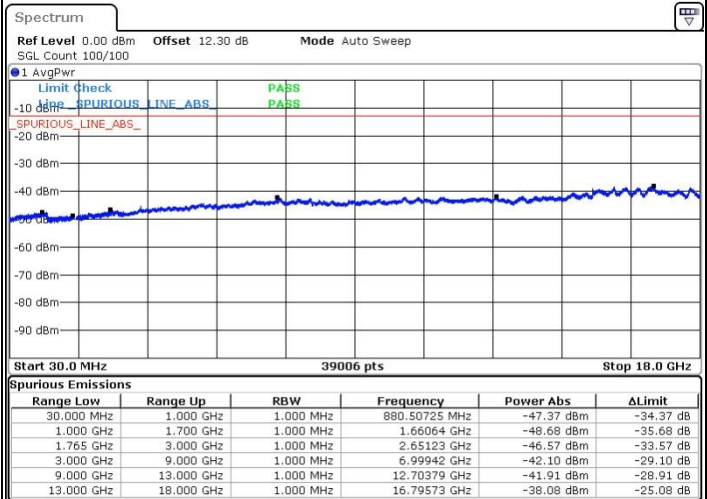
Date: 3.OCT.2015 10:33:16

Middle Channel / QPSK



Date: 3.OCT.2015 10:34:53

Middle Channel / 16QAM

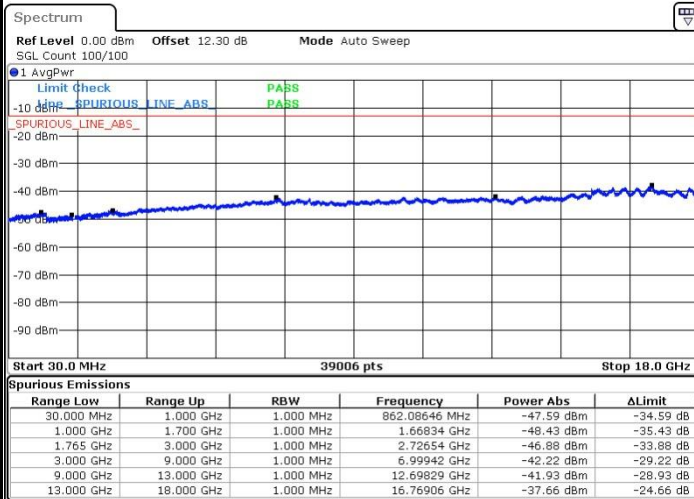


Date: 3.OCT.2015 10:35:47



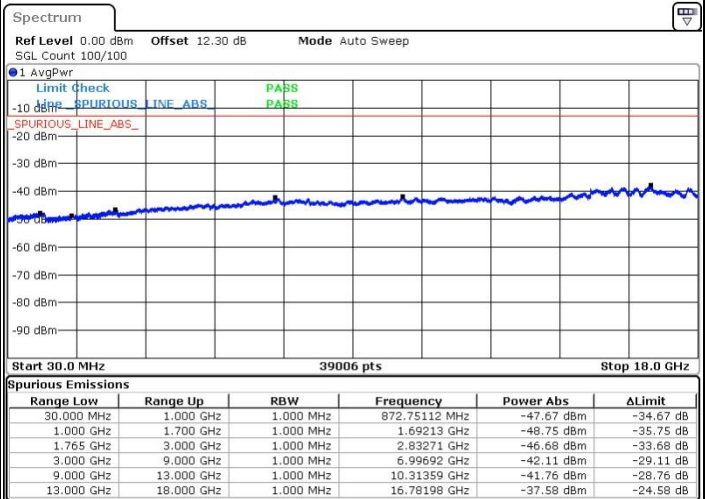
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 3.OCT.2015 10:42:01

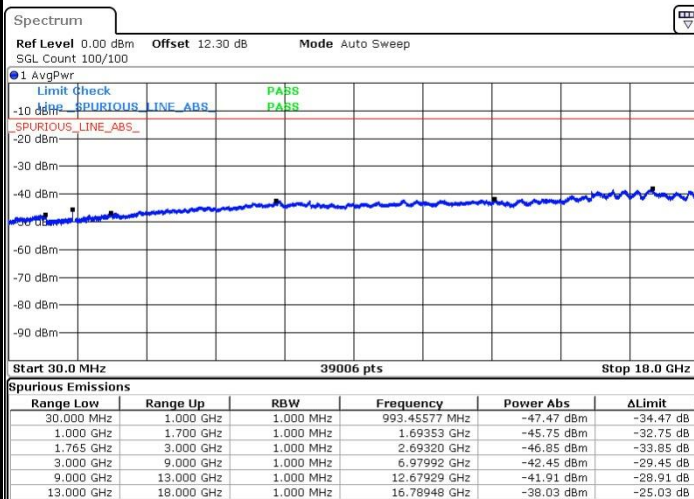
Highest Channel / 16QAM



Date: 3.OCT.2015 10:42:56

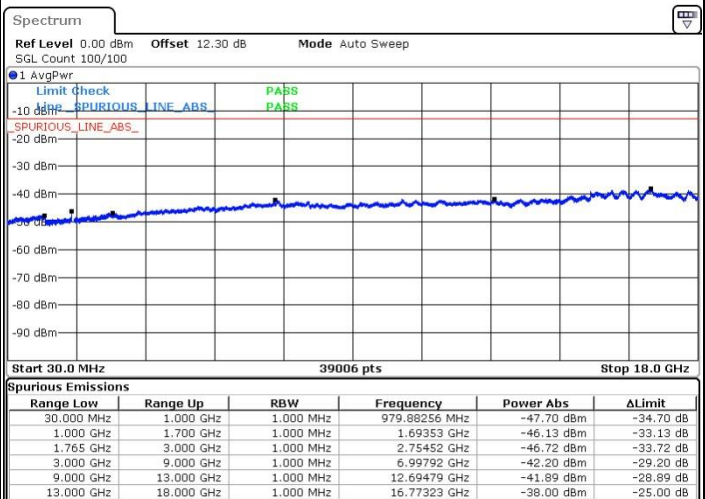
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 3.OCT.2015 10:49:10

Lowest Channel / 16QAM

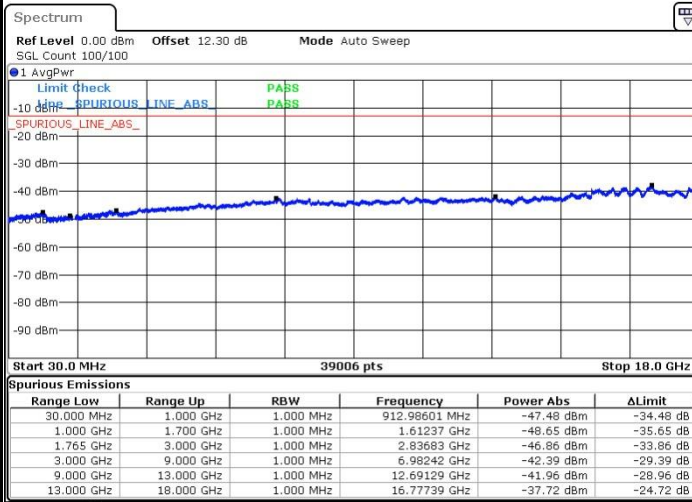


Date: 3.OCT.2015 10:50:05



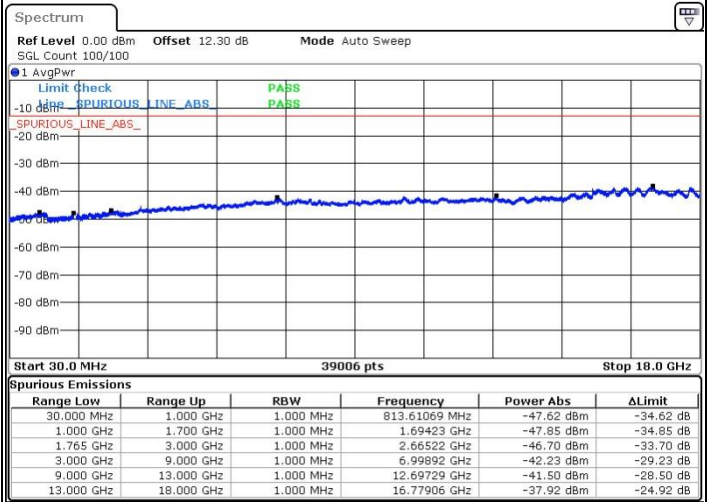
LTE Band 4 / 20MHz

Middle Channel / QPSK



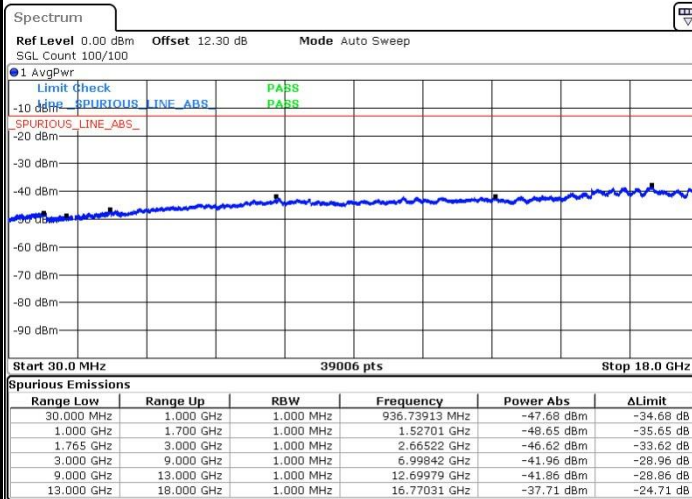
Date: 3.OCT.2015 10:51:42

Middle Channel / 16QAM



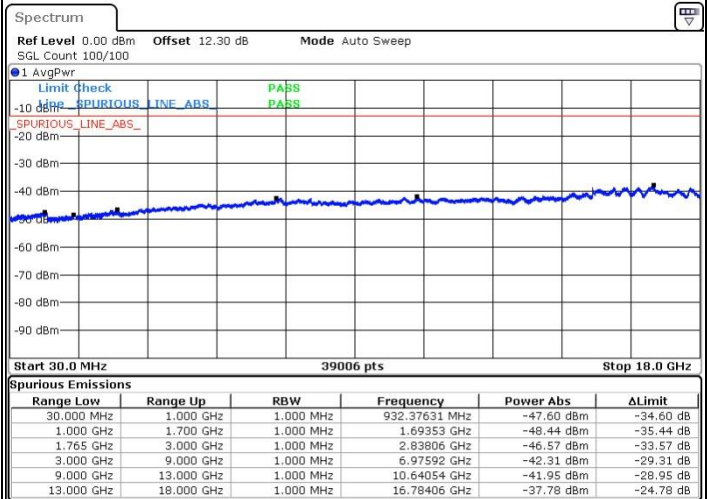
Date: 3.OCT.2015 10:52:37

Highest Channel / QPSK



Date: 3.OCT.2015 10:58:51

Highest Channel / 16QAM



Date: 3.OCT.2015 10:59:46

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0091	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0076	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0070	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0078	
-20	Normal Voltage	0.0084	
-30	Normal Voltage	0.0062	
20	Maximum Voltage	0.0076	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0064	

Note:

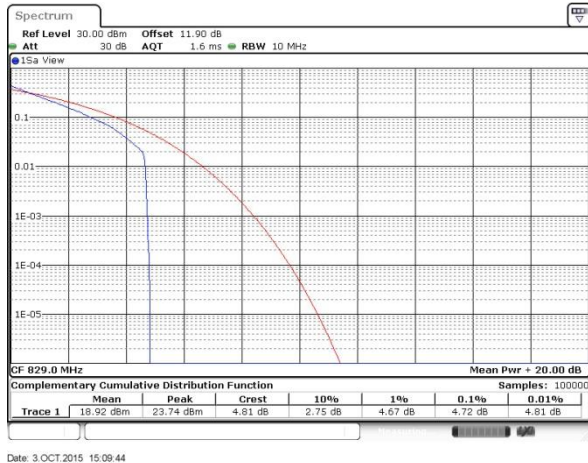
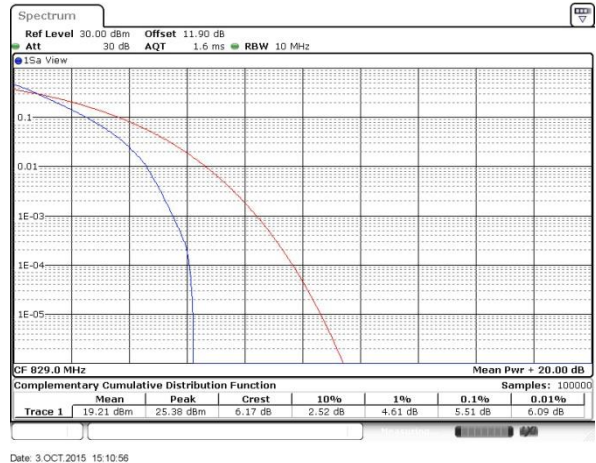
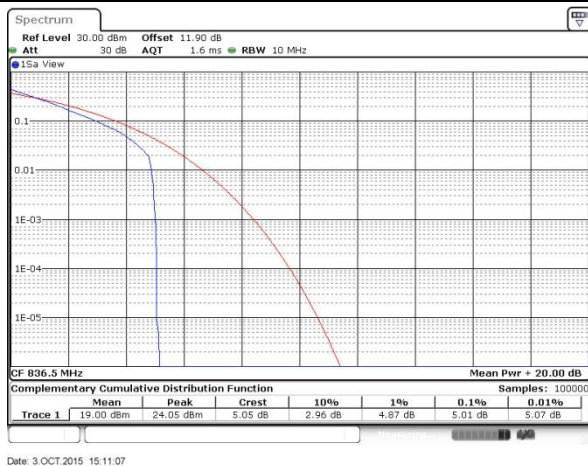
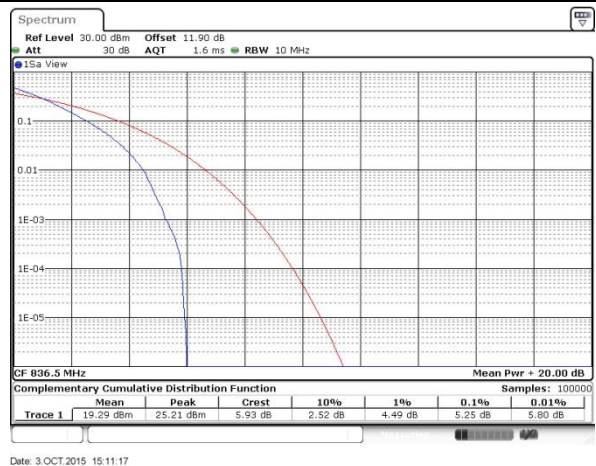
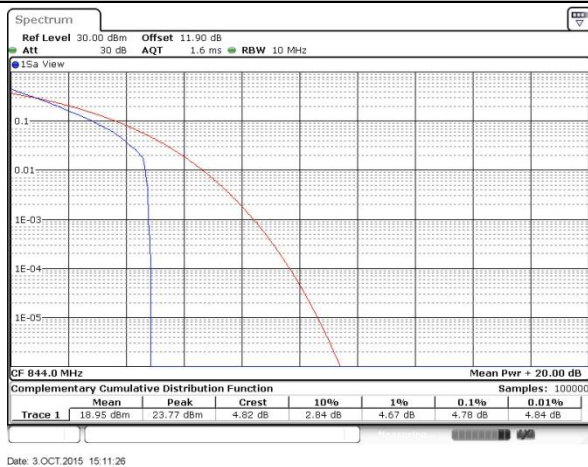
1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.72	5.51	5.65	6.17	PASS
Middle CH	5.01	5.25	6	6.2	
Highest CH	4.78	5.48	5.51	6.26	

LTE Band 5 / 10MHz / QPSK
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB
