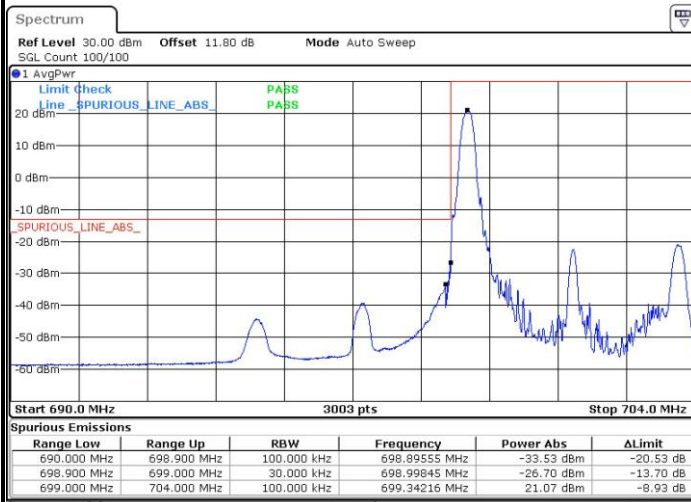




LTE Band 12 / 5MHz / QPSK

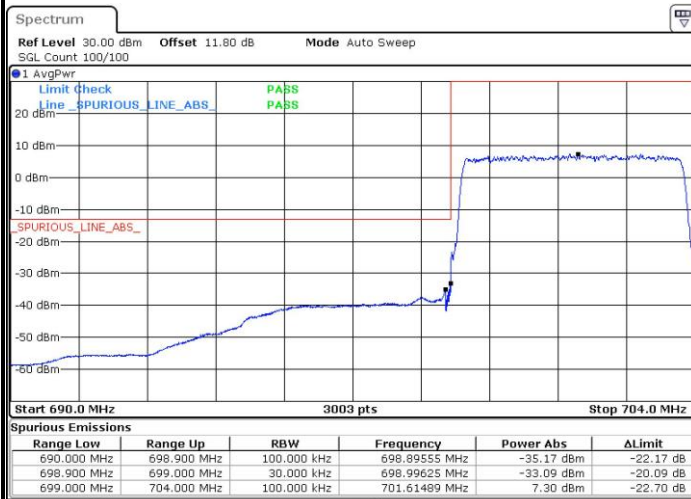
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



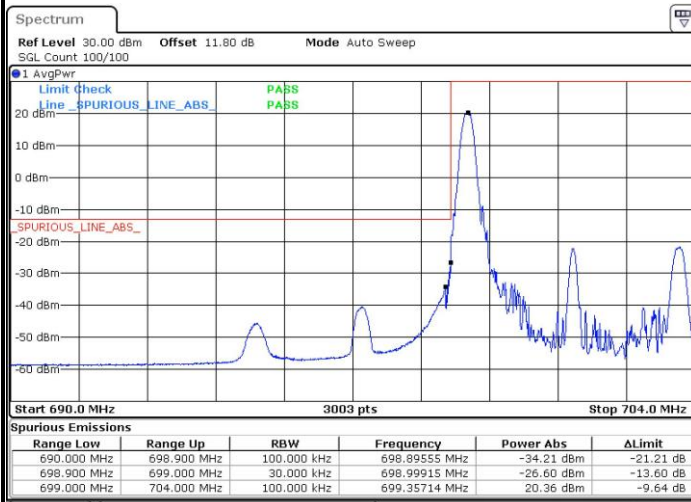
Highest Band Edge / Full RB





LTE Band 12 / 5MHz / 16QAM

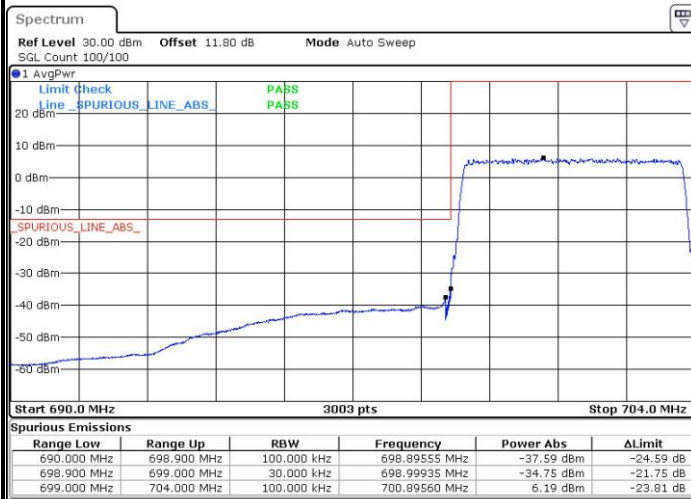
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



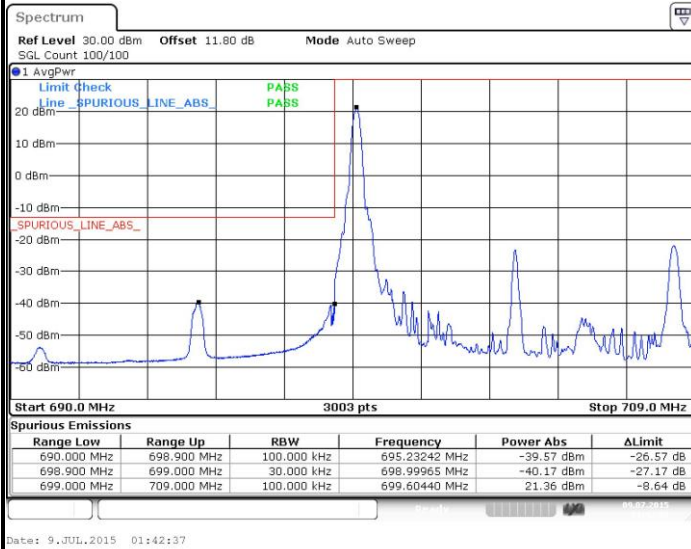
Highest Band Edge / Full RB



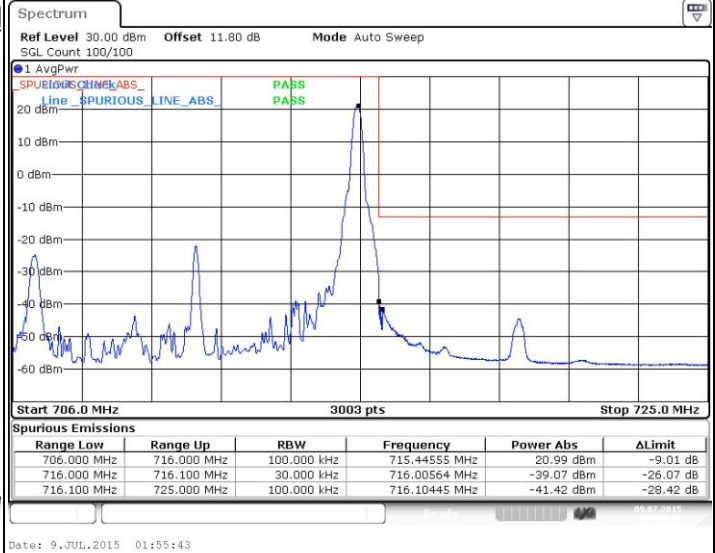


LTE Band 12 / 10MHz / QPSK

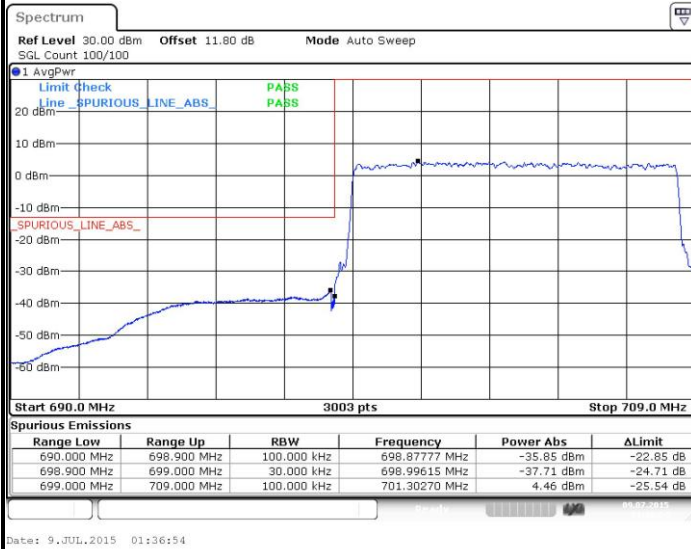
Lowest Band Edge / 1 RB



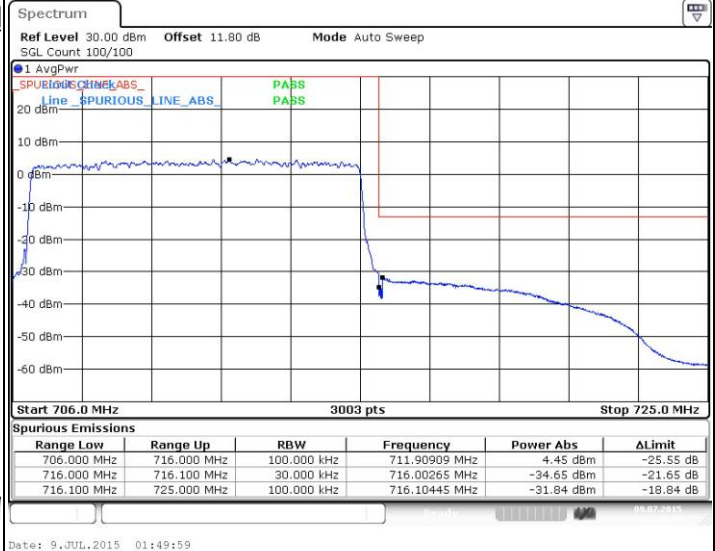
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



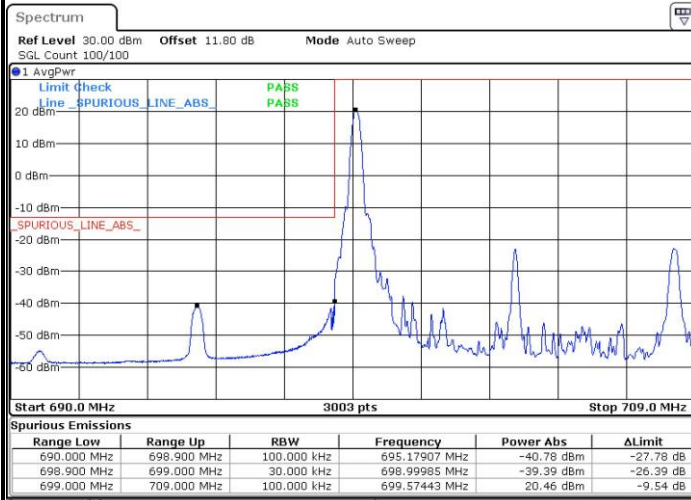
Highest Band Edge / Full RB



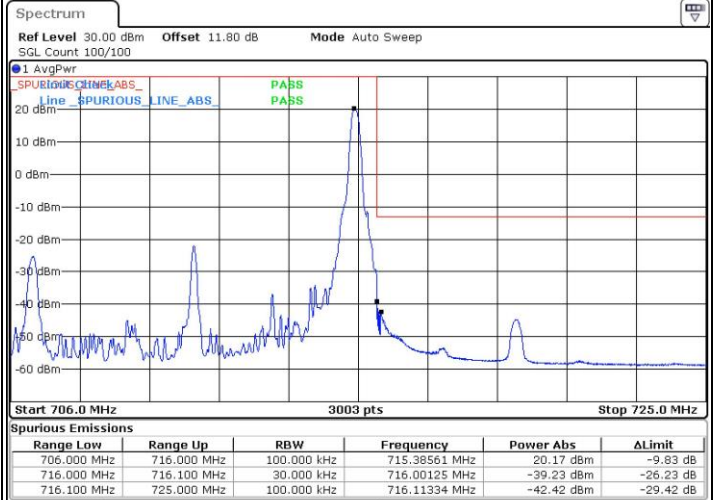


LTE Band 12 / 10MHz / 16QAM

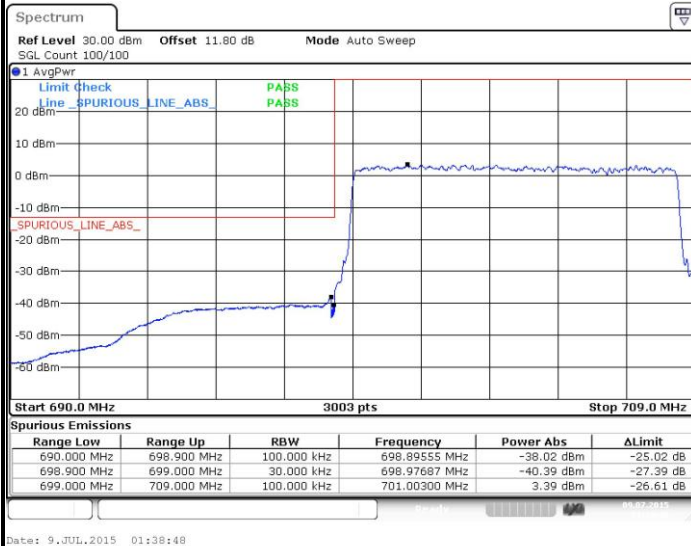
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

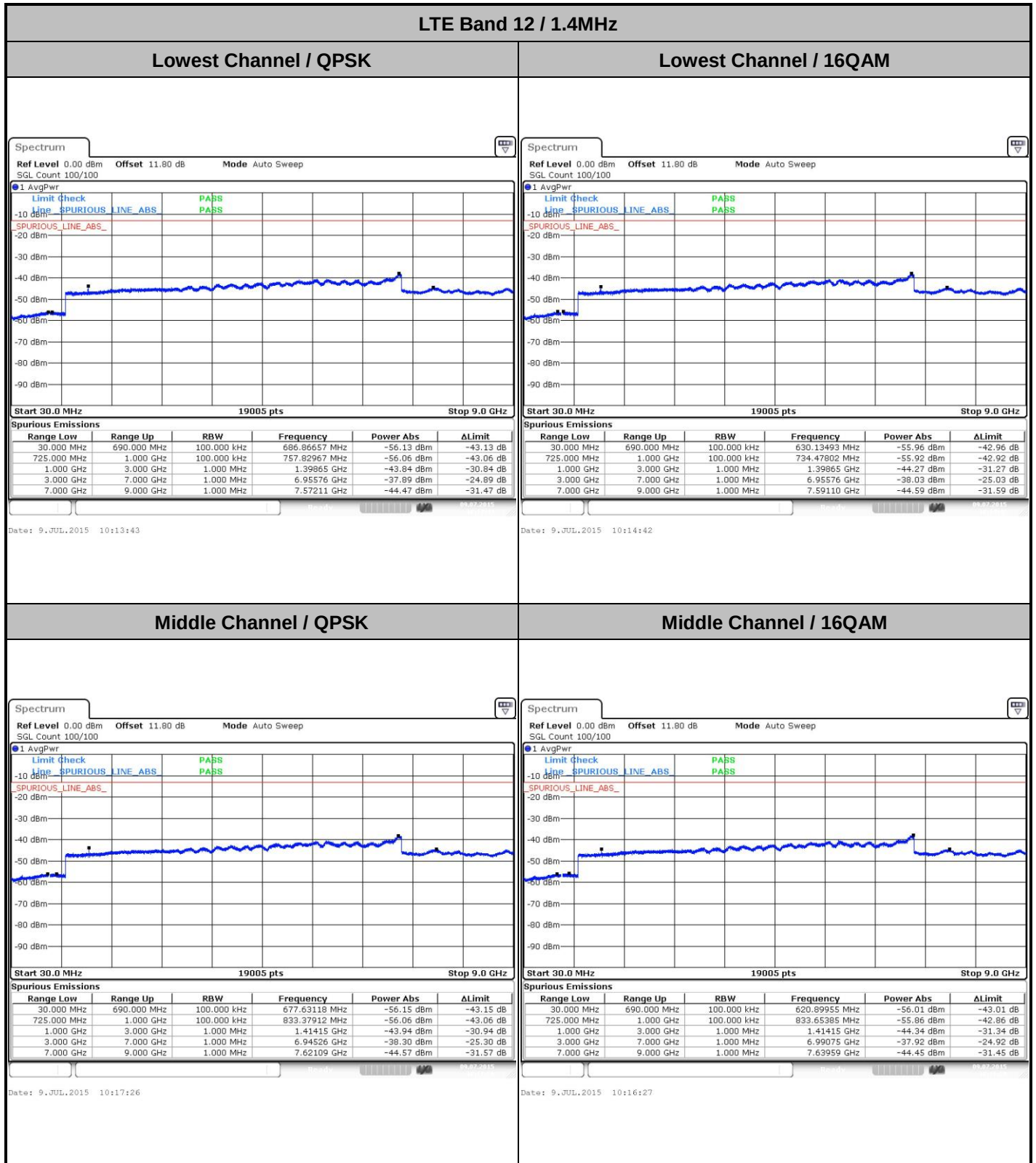


Highest Band Edge / Full RB





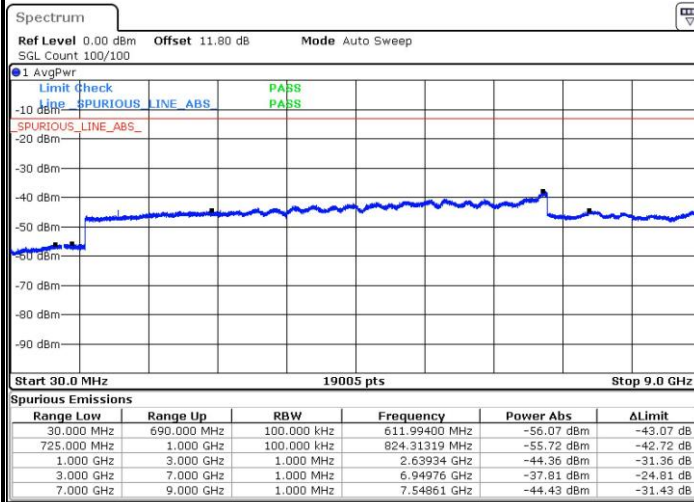
Conducted Spurious Emission





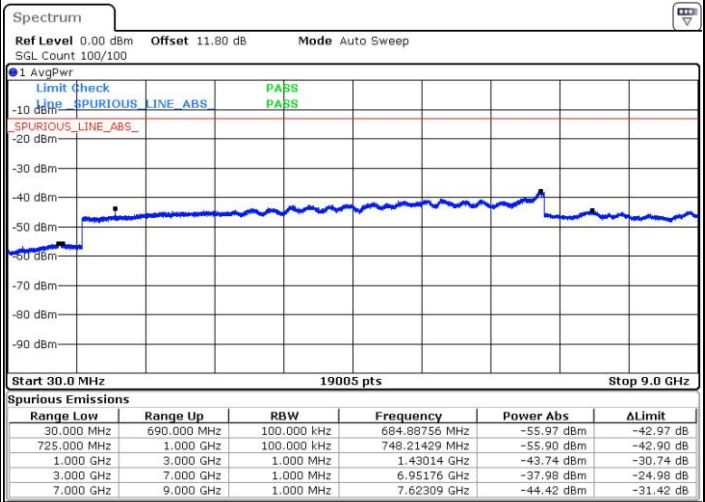
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 9.JUL.2015 10:26:50

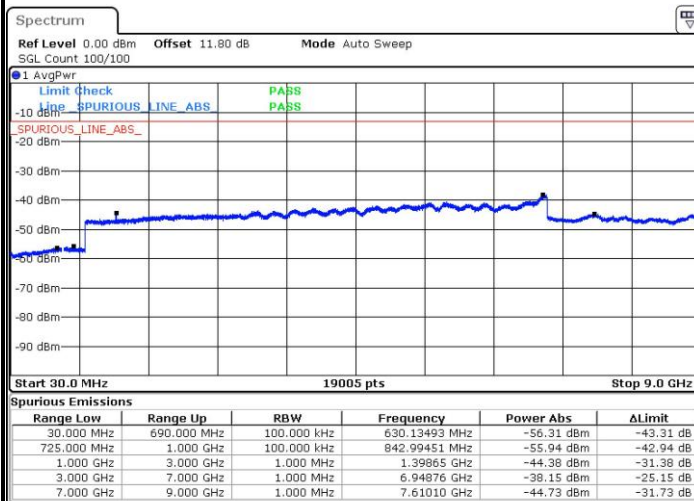
Highest Channel / 16QAM



Date: 9.JUL.2015 10:27:48

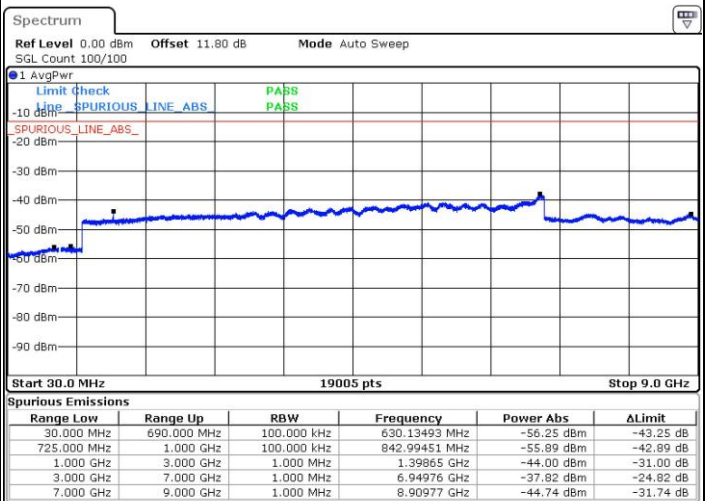
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 9.JUL.2015 00:56:40

Lowest Channel / 16QAM

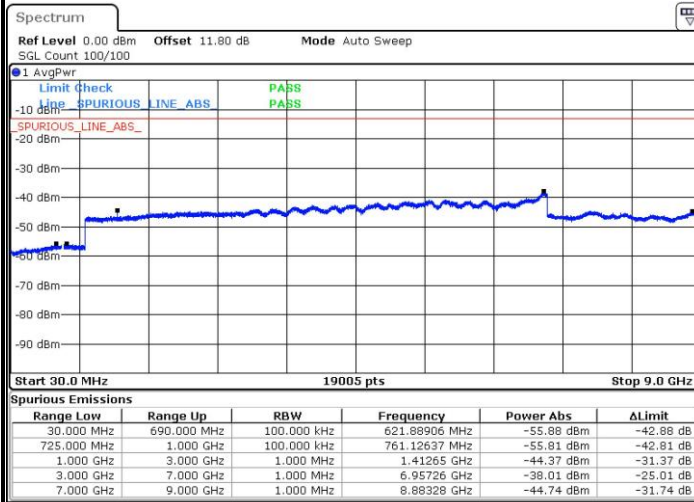


Date: 9.JUL.2015 00:57:39



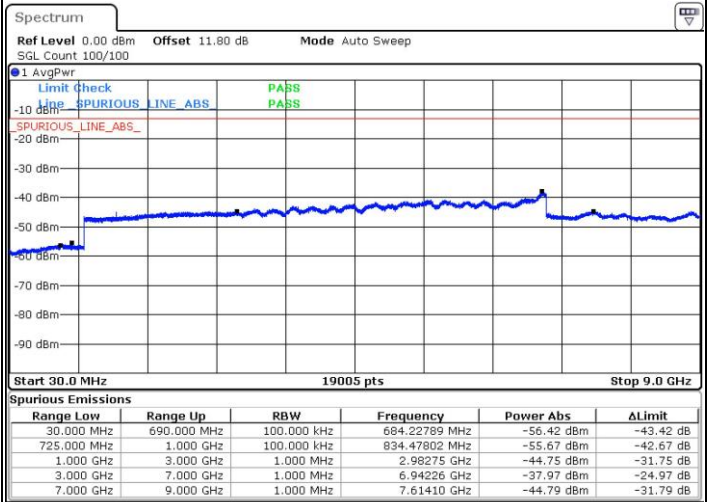
LTE Band 12 / 3MHz

Middle Channel / QPSK



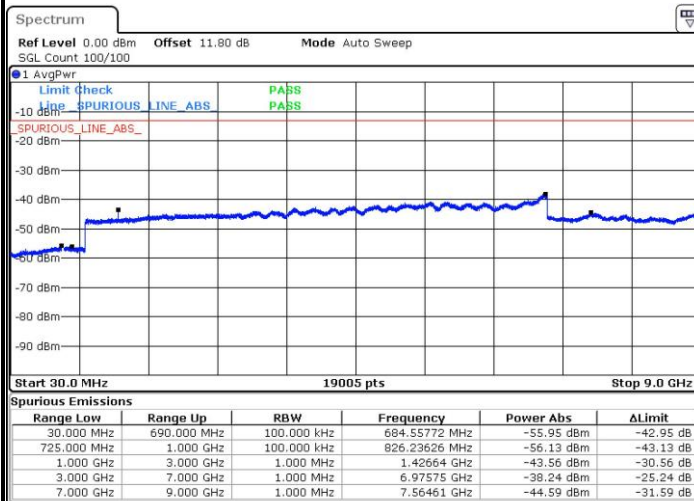
Date: 9.JUL.2015 01:00:23

Middle Channel / 16QAM



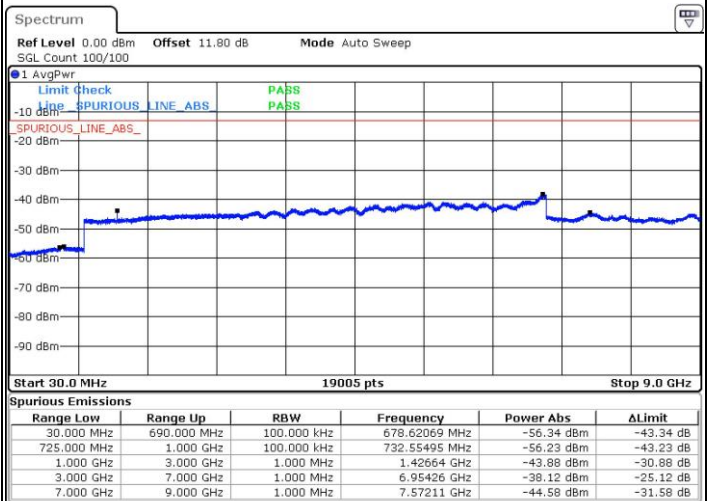
Date: 9.JUL.2015 00:59:24

Highest Channel / QPSK



Date: 9.JUL.2015 01:09:46

Highest Channel / 16QAM

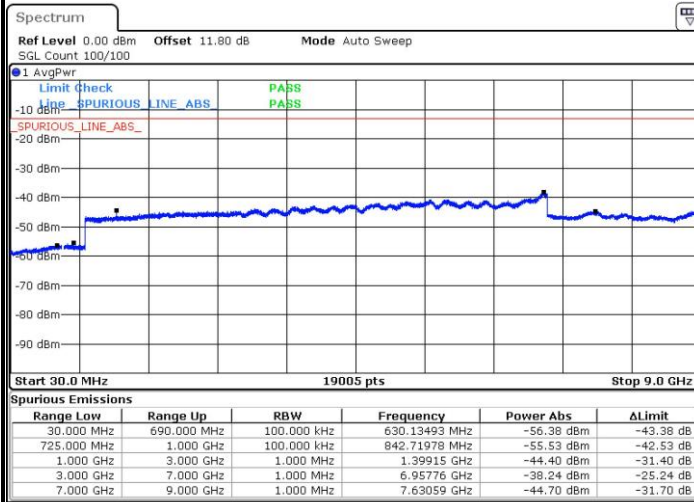


Date: 9.JUL.2015 01:10:45



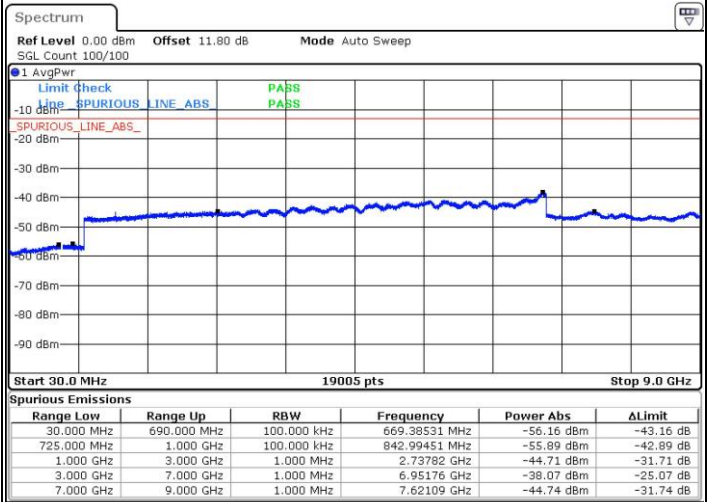
LTE Band 12 / 5MHz

Lowest Channel / QPSK



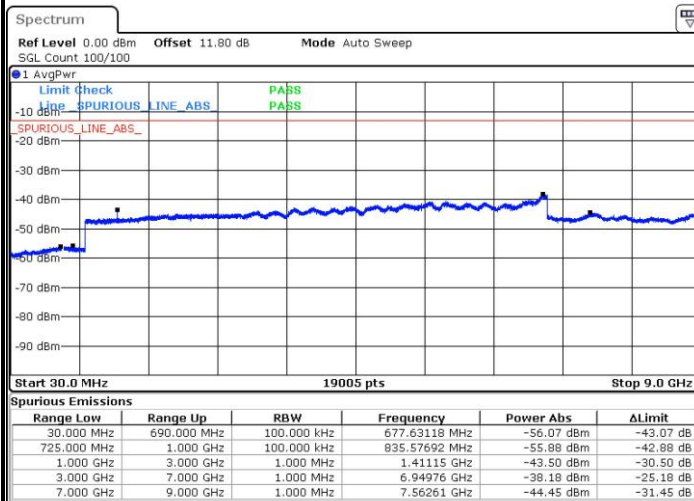
Date: 9.JUL.2015 01:20:08

Lowest Channel / 16QAM



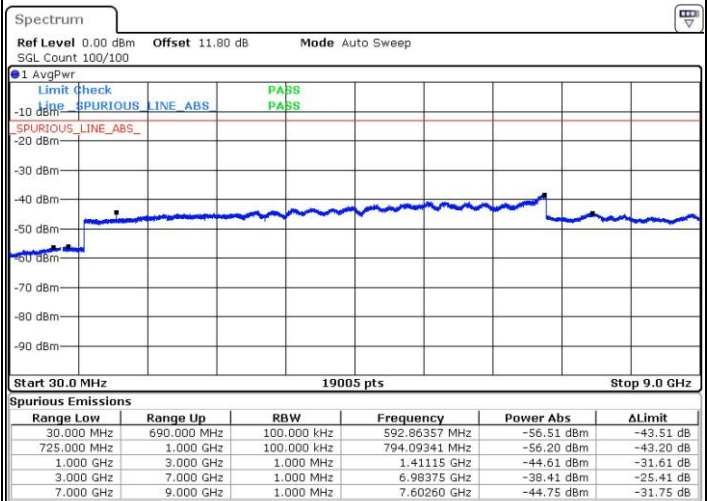
Date: 9.JUL.2015 01:21:06

Middle Channel / QPSK



Date: 9.JUL.2015 01:23:50

Middle Channel / 16QAM

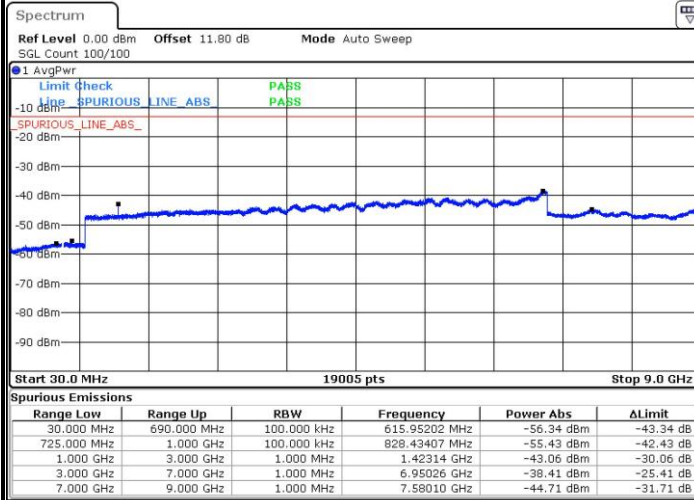


Date: 9.JUL.2015 01:22:52



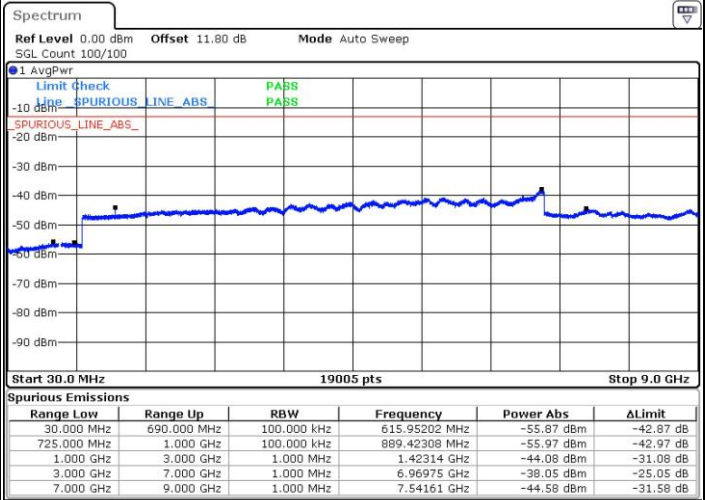
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 9.JUL.2015 01:34:12

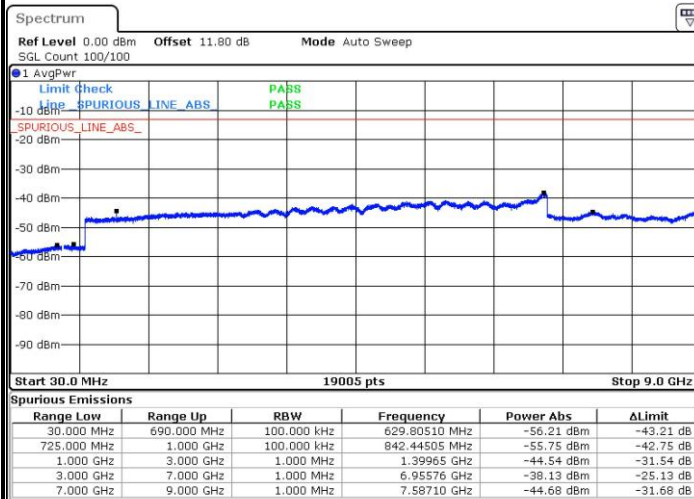
Highest Channel / 16QAM



Date: 9.JUL.2015 01:33:13

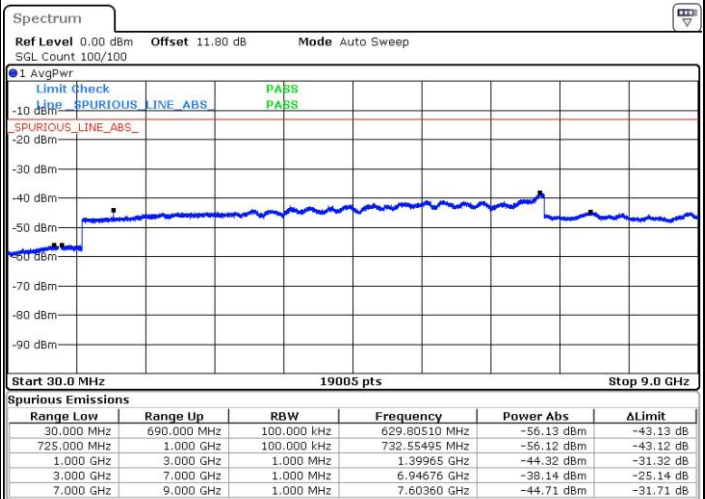
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 9.JUL.2015 01:43:35

Lowest Channel / 16QAM

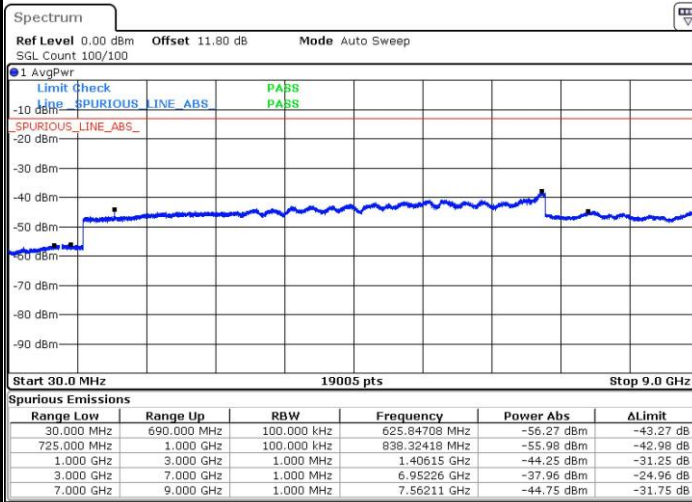


Date: 9.JUL.2015 01:44:33



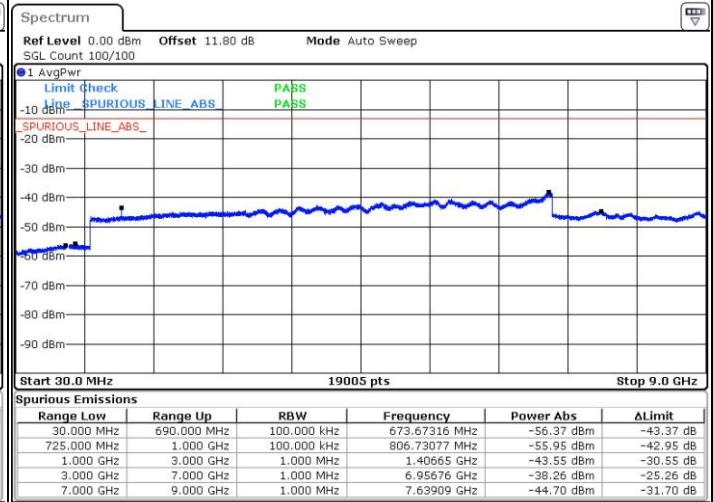
LTE Band 12 / 10MHz

Middle Channel / QPSK



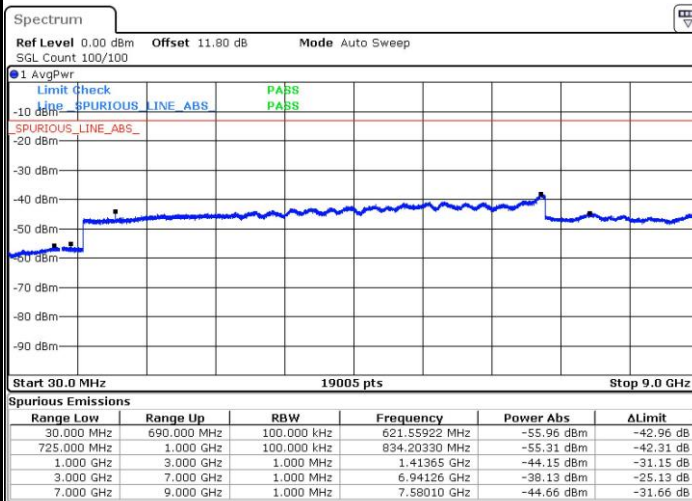
Date: 9.JUL.2015 01:47:17

Middle Channel / 16QAM



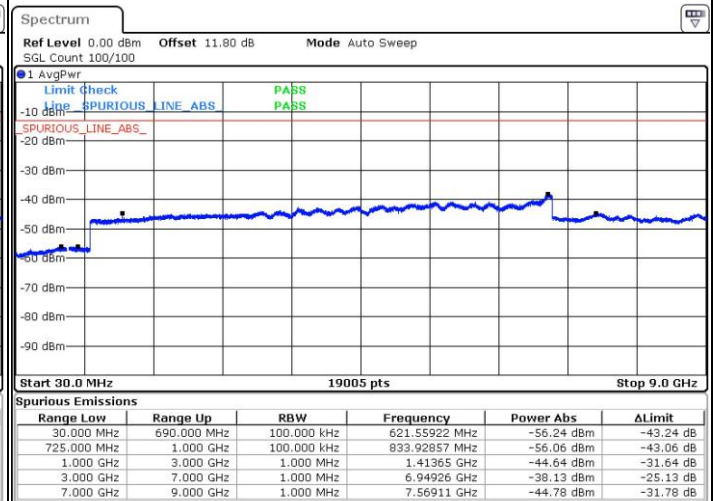
Date: 9.JUL.2015 01:46:19

Highest Channel / QPSK



Date: 9.JUL.2015 01:56:40

Highest Channel / 16QAM



Date: 9.JUL.2015 01:57:38

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	0.0085	PASS
40	Normal Voltage	0.0076	
30	Normal Voltage	0.0072	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0058	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage = 3.9 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 based on the frequency deviation measured is small.

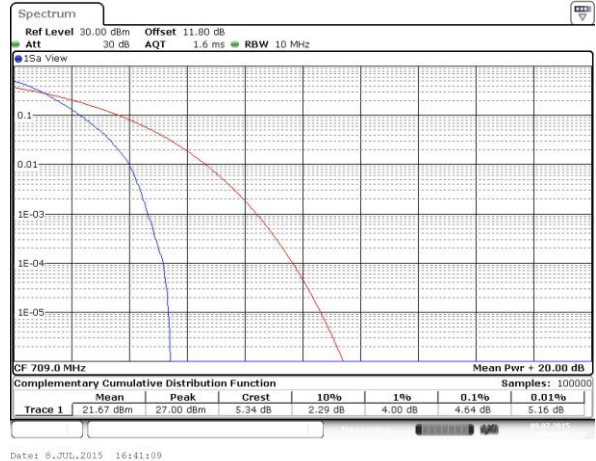
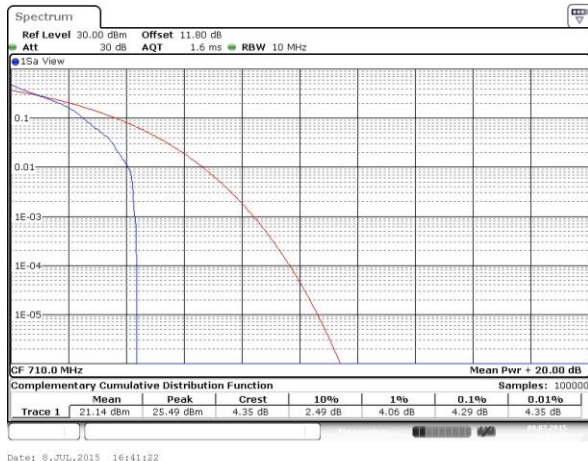
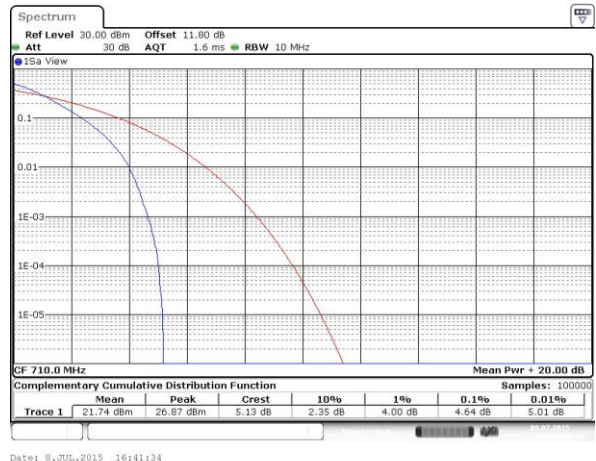
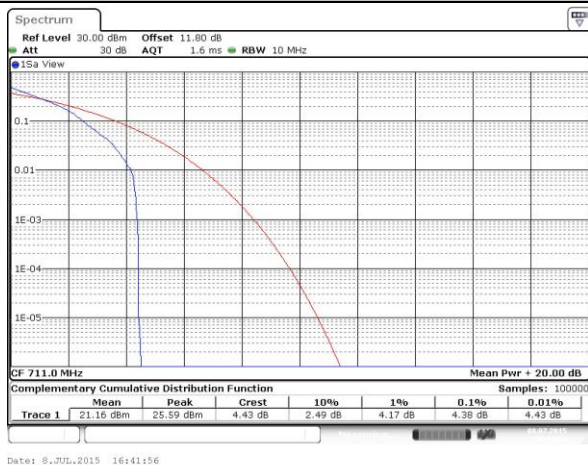
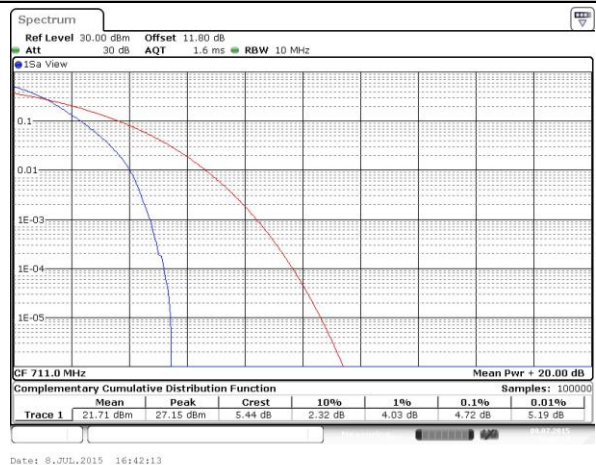


LTE Band 17

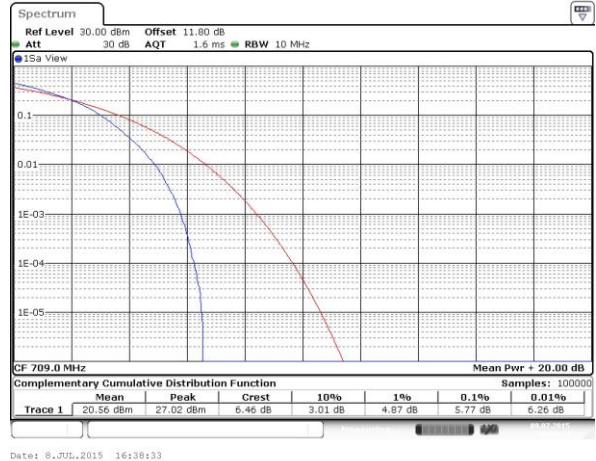
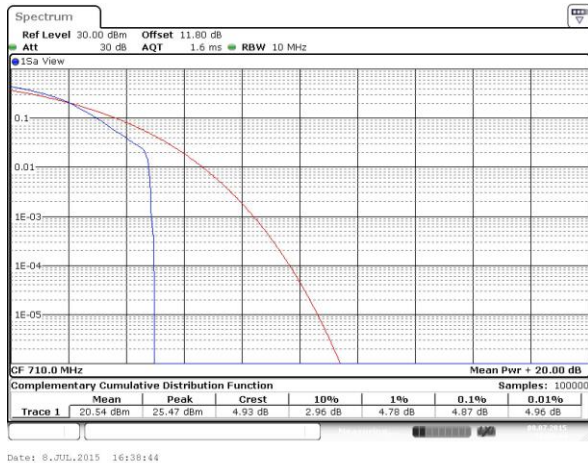
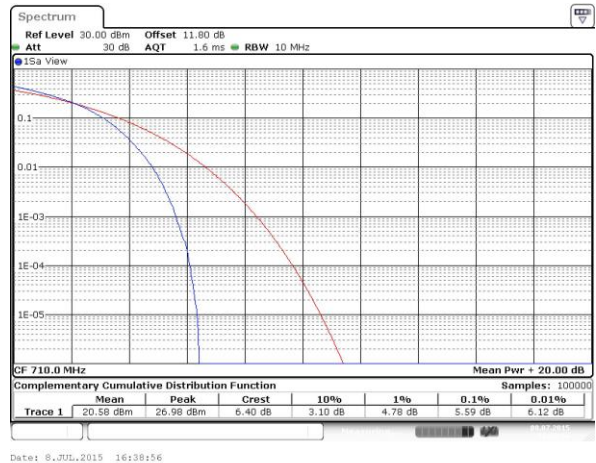
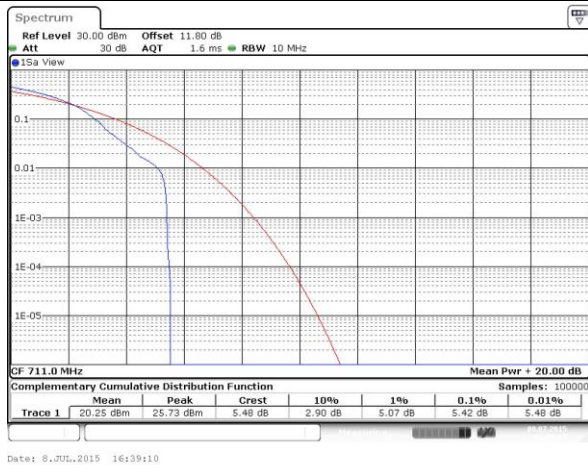
Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.12	4.64	5.28	5.77	PASS
Middle CH	4.29	4.64	4.87	5.59	
Highest CH	4.38	4.72	5.42	5.65	

LTE Band 17 / 10MHz / QPSK
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel/ 1RB

Middle Channel / Full RB

Highest Channel/ 1RB

Highest Channel / Full RB


LTE Band 17 / 10MHz / 16QAM
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel/ 1RB

Middle Channel / Full RB

Highest Channel/ 1RB

Highest Channel / Full RB
