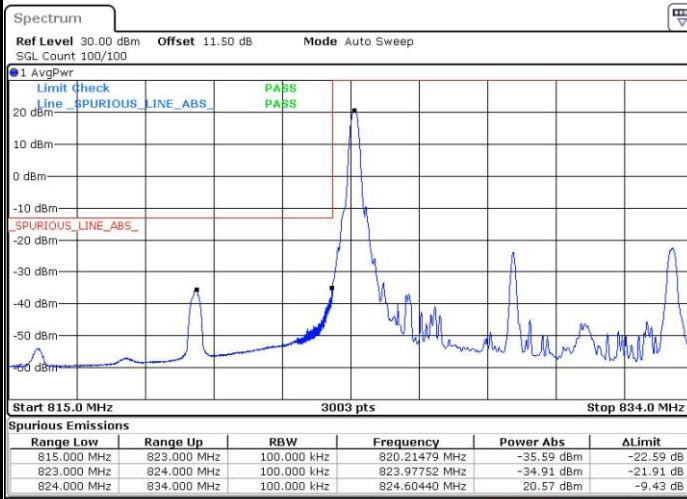




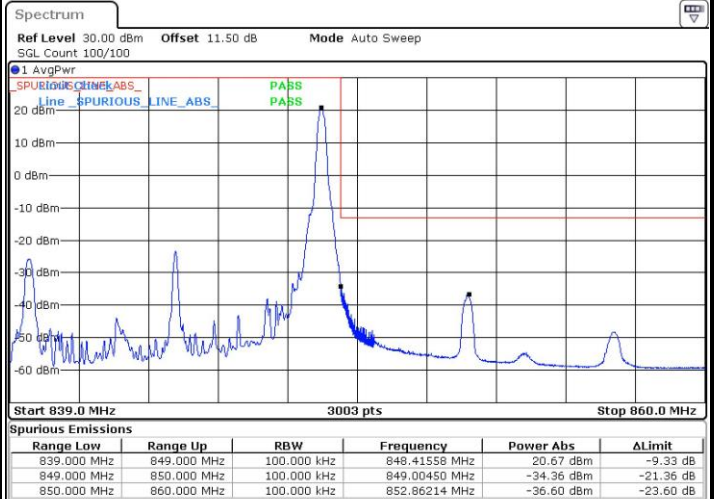
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1RB



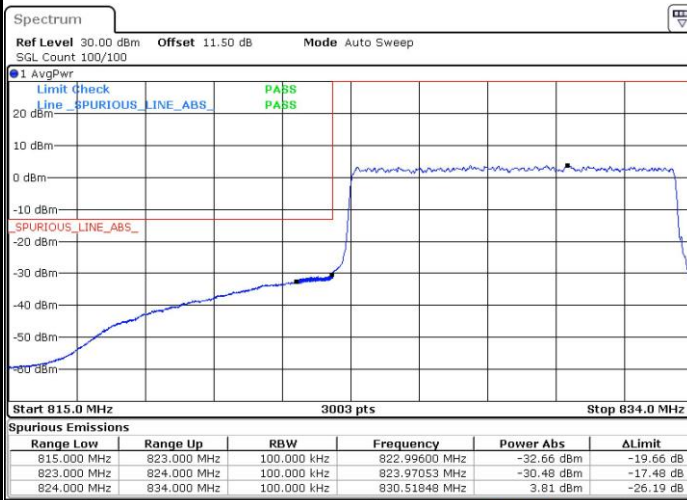
Date: 22 APR 2015 22:47:00

Highest Band Edge / 1RB



Date: 22 APR 2015 22:59:41

Lowest Band Edge / Full RB



Date: 22 APR 2015 22:49:31

Highest Band Edge / Full RB

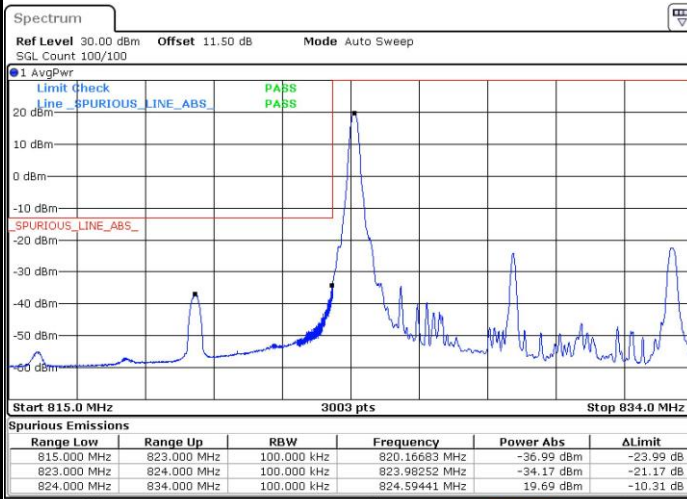


Date: 22 APR 2015 23:02:17



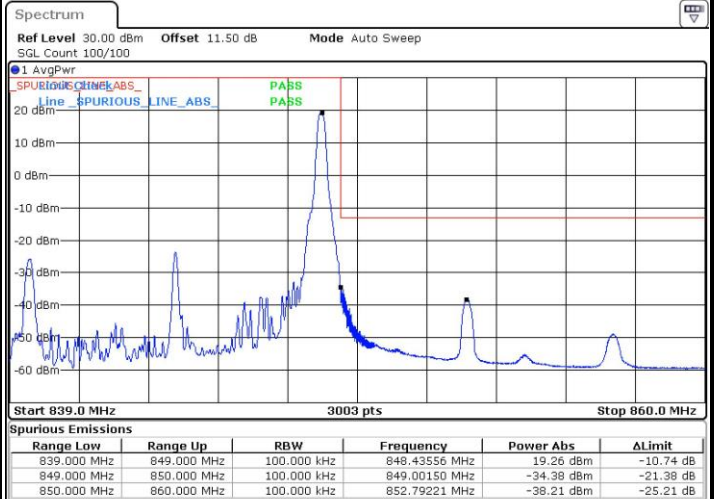
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1RB



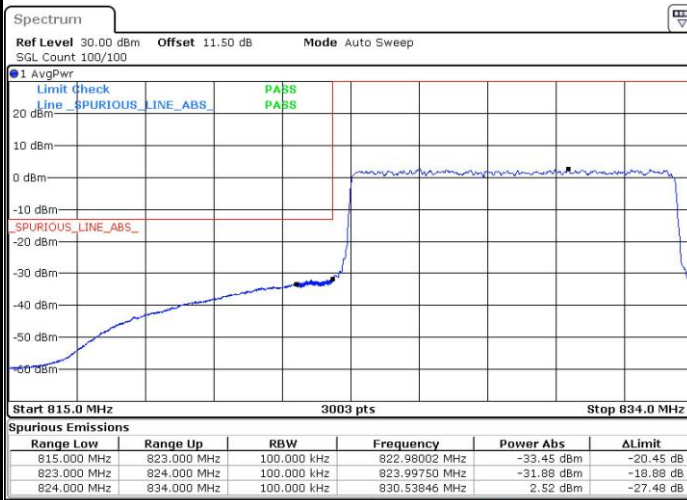
Date: 22 APR 2015 22:48:16

Highest Band Edge / 1RB



Date: 22 APR 2015 23:00:59

Lowest Band Edge / Full RB



Date: 22 APR 2015 22:50:49

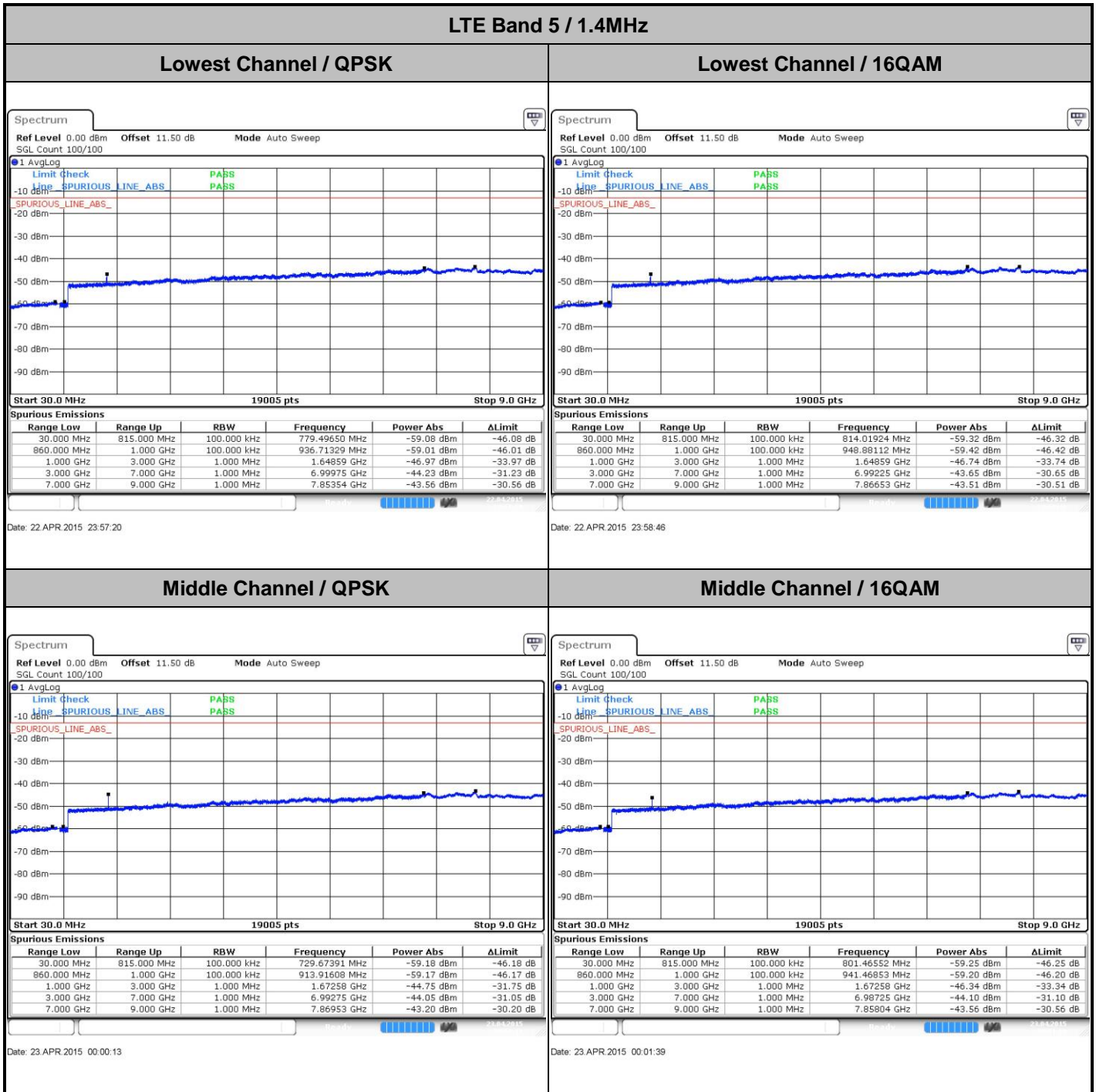
Highest Band Edge / Full RB



Date: 22 APR 2015 23:03:33



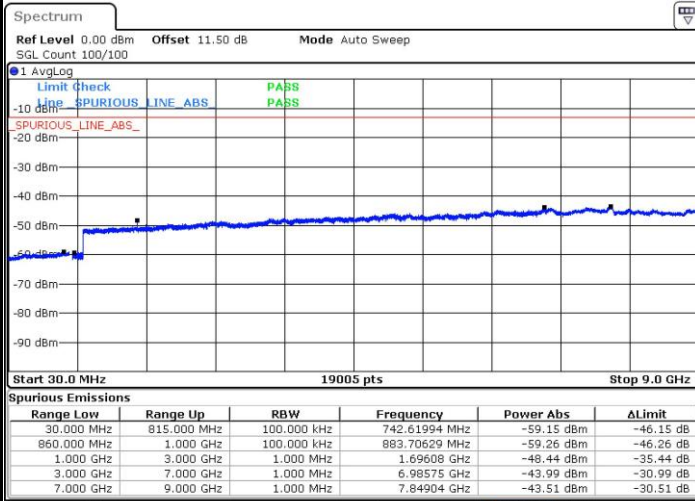
Conducted Spurious Emission





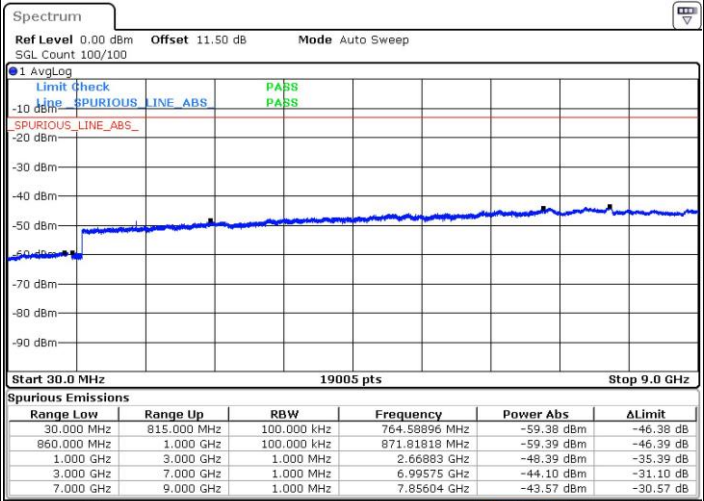
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 23 APR 2015 00:20:59

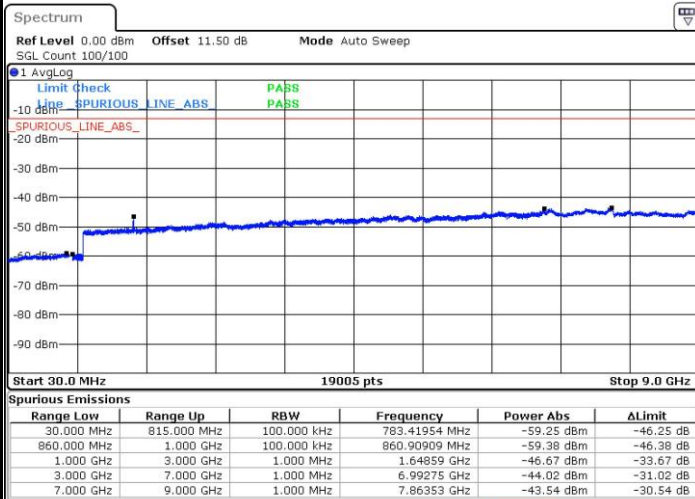
Highest Channel / 16QAM



Date: 23 APR 2015 00:04:47

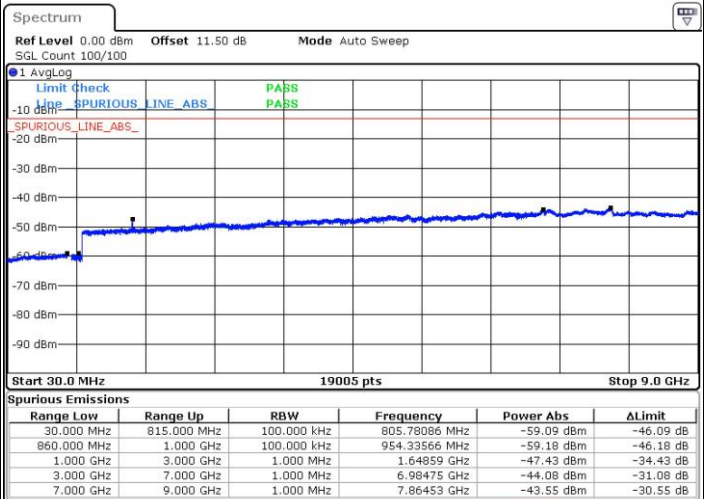
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 22 APR 2015 21:55:40

Lowest Channel / 16QAM

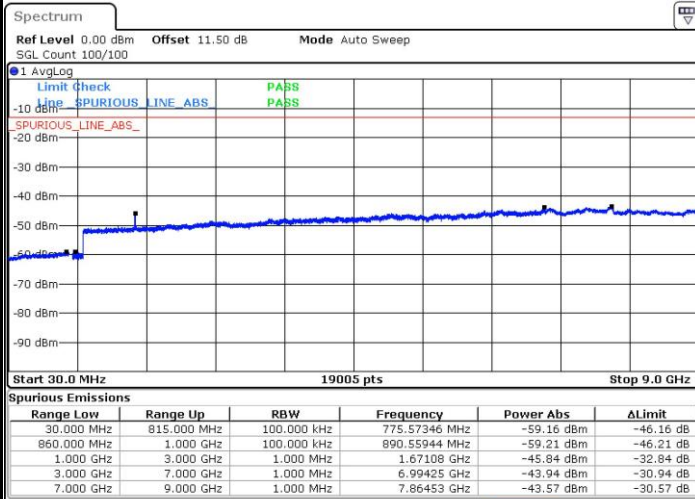


Date: 22 APR 2015 21:57:06



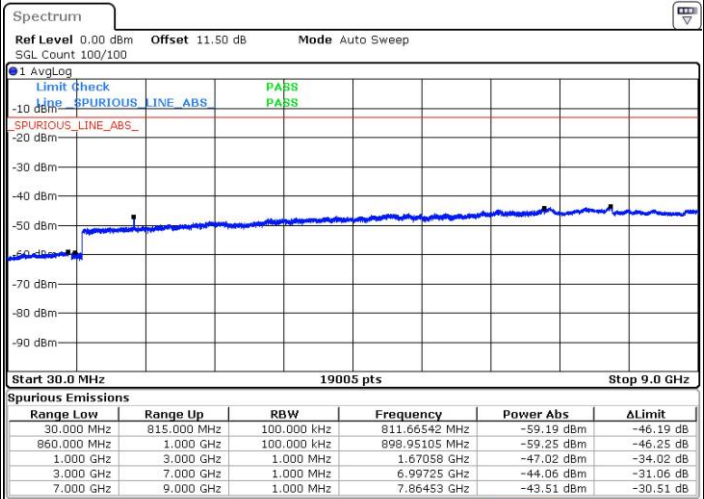
LTE Band 5 / 3MHz

Middle Channel / QPSK



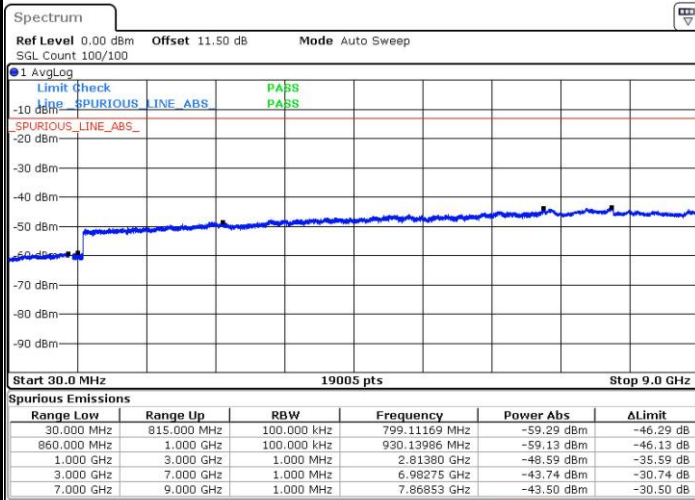
Date: 22 APR 2015 23:54:49

Middle Channel / 16QAM



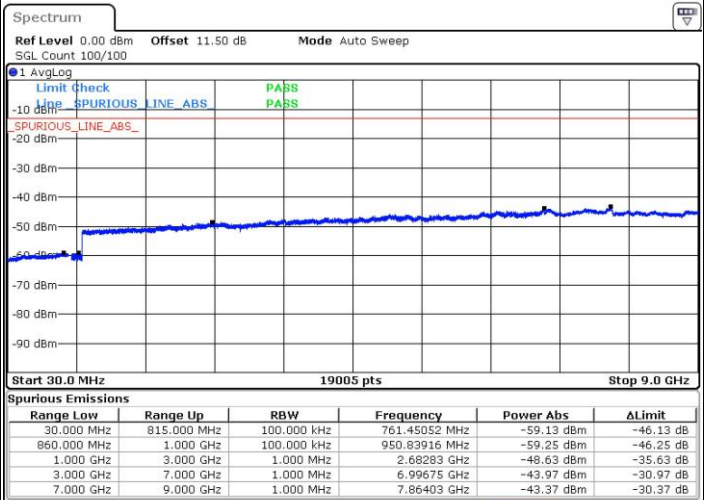
Date: 22 APR 2015 22:03:33

Highest Channel / QPSK



Date: 22 APR 2015 22:11:01

Highest Channel / 16QAM

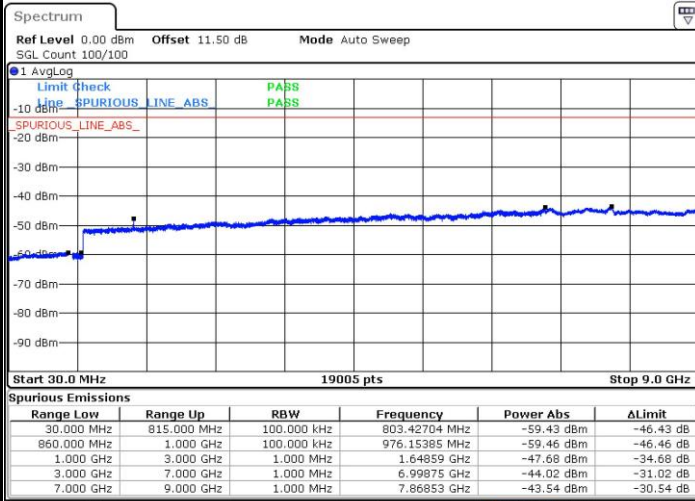


Date: 22 APR 2015 22:12:27



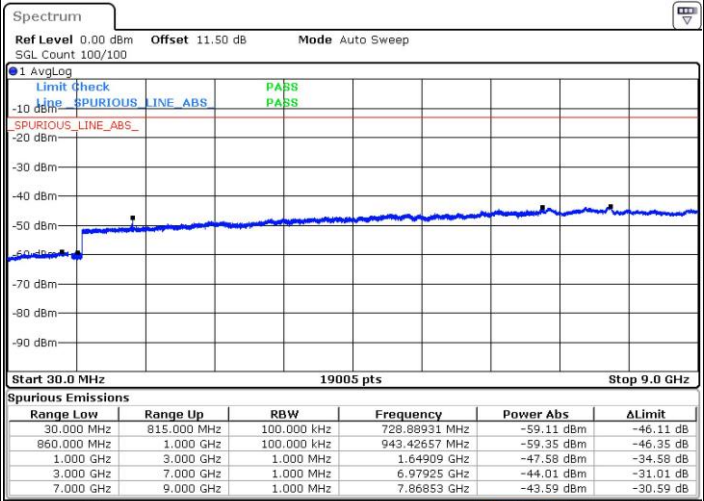
LTE Band 5 / 5MHz

Lowest Channel / QPSK



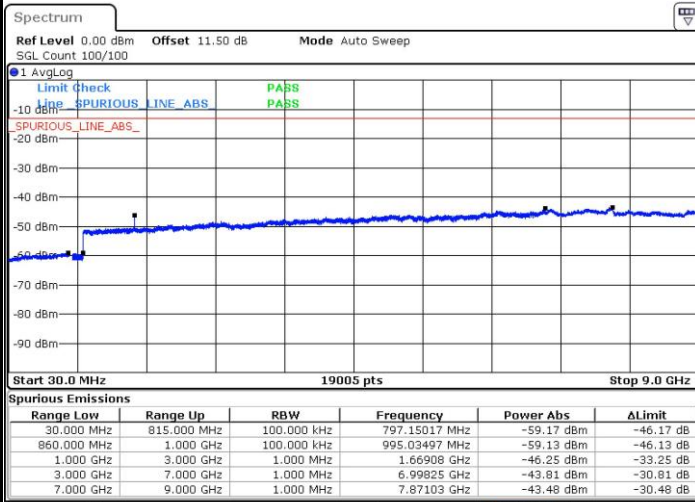
Date: 22 APR 2015 22:23:35

Lowest Channel / 16QAM



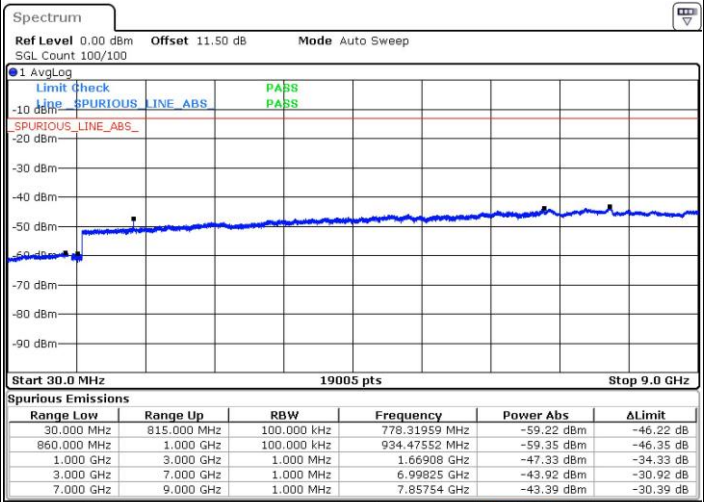
Date: 22 APR 2015 22:24:59

Middle Channel / QPSK



Date: 22 APR 2015 22:27:21

Middle Channel / 16QAM

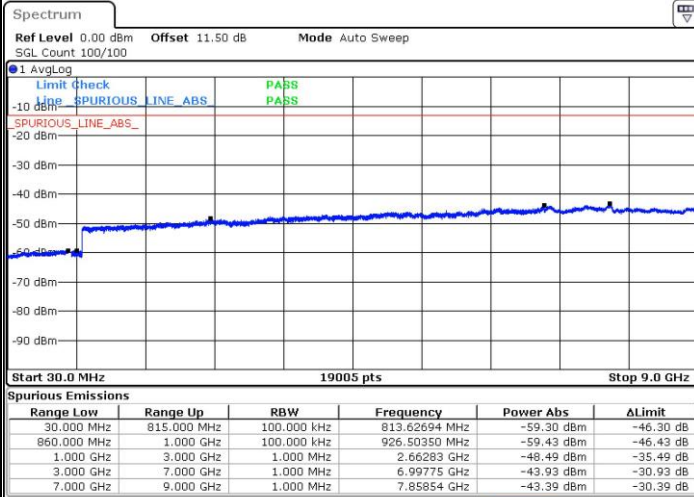


Date: 22 APR 2015 23:52:59



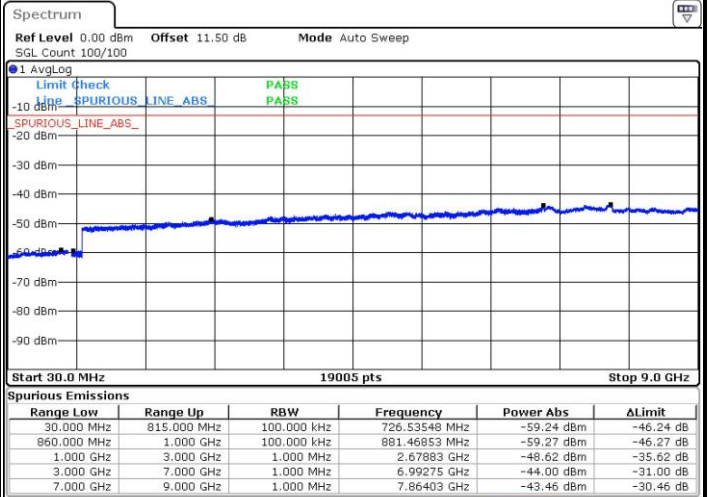
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 22 APR 2015 22:43:18

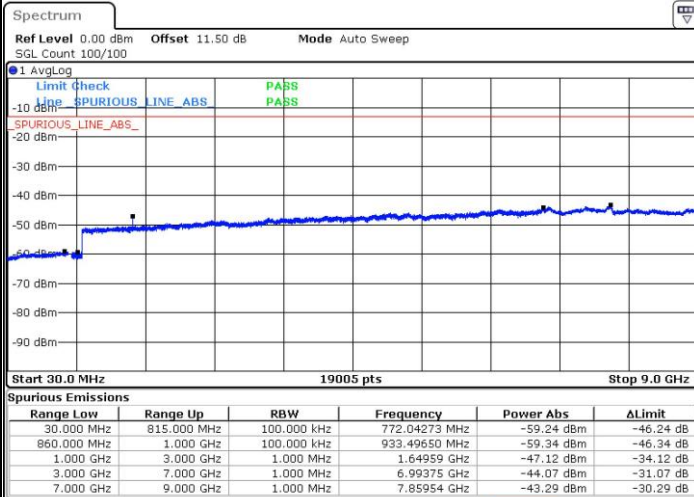
Highest Channel / 16QAM



Date: 22 APR 2015 22:44:43

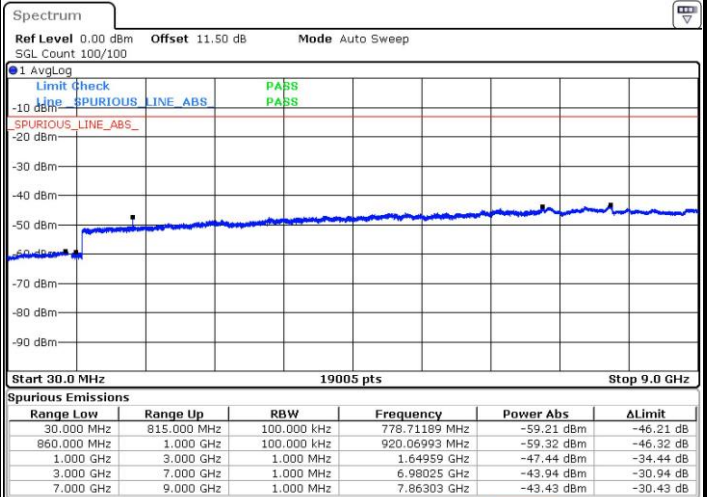
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 22 APR 2015 22:52:15

Lowest Channel / 16QAM



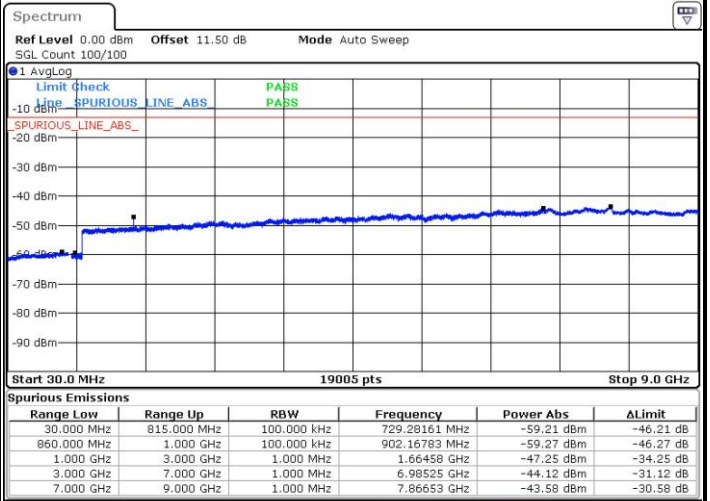
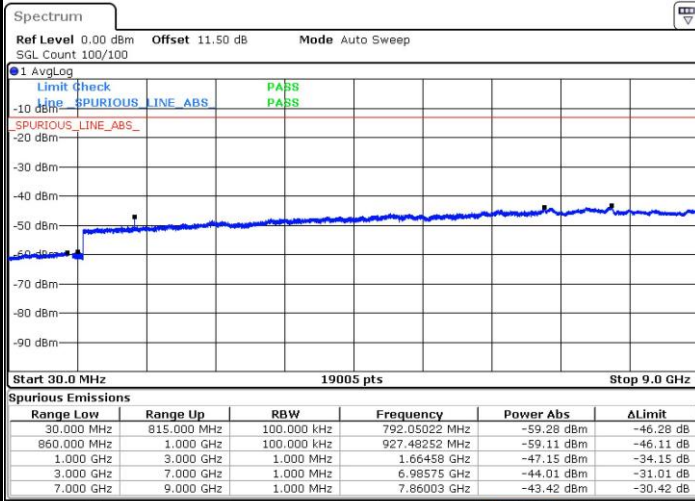
Date: 22 APR 2015 22:53:41



LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

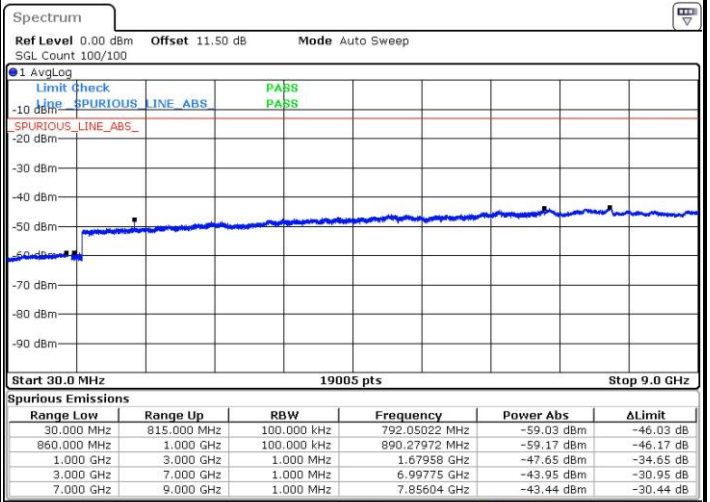
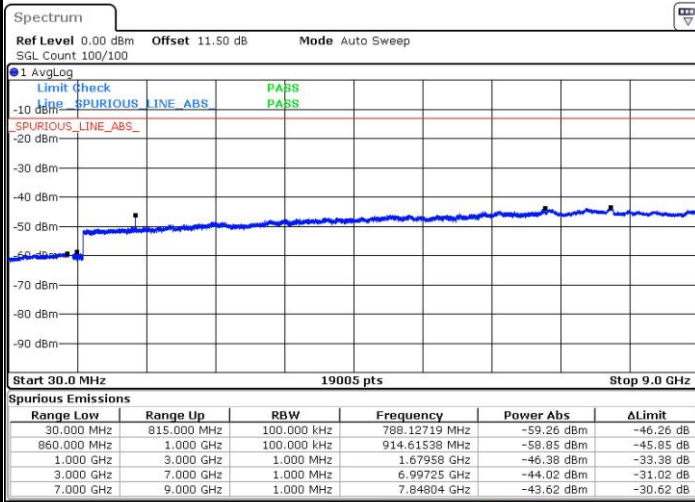


Date: 22 APR 2015 22:56:03

Date: 22 APR 2015 22:57:28

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 APR 2015 23:05:00

Date: 22 APR 2015 23:06:26



Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0120	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0130	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0158	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	

Note:

1. Normal Voltage = 3.87 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 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.32	5.13	5.07	5.88	PASS
Middle CH	3.74	4.81	4.64	5.86	
Highest CH	4.17	4.61	5.07	5.62	



LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 22 APR 2015 11:13:29

Lowest Channel / Full RB



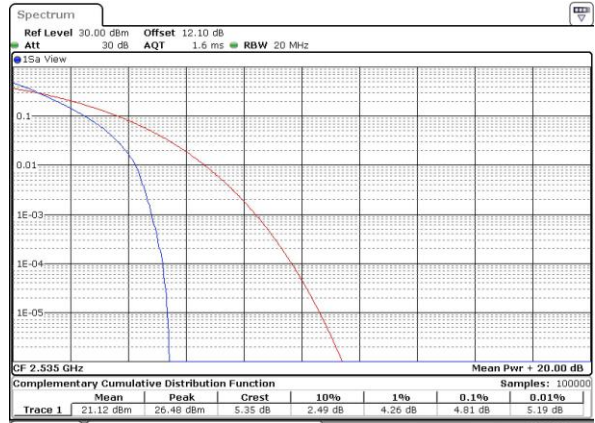
Date: 22 APR 2015 11:14:41

Middle Channel / 1RB



Date: 22 APR 2015 11:15:30

Middle Channel / Full RB



Date: 22 APR 2015 11:16:03

Highest Channel / 1RB



Date: 22 APR 2015 11:17:01

Highest Channel / Full RB

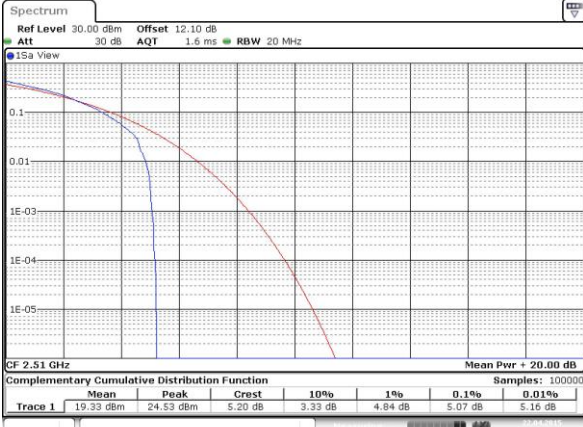


Date: 22 APR 2015 11:17:27



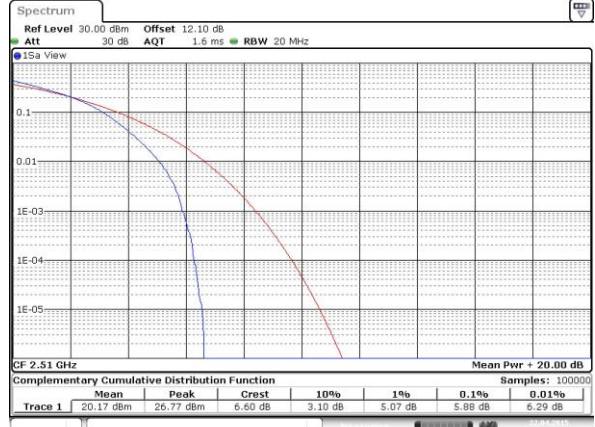
LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



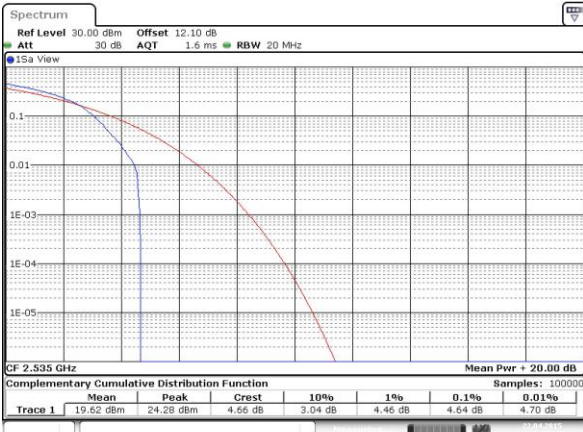
Date: 22 APR 2015 11:11:48

Lowest Channel / Full RB



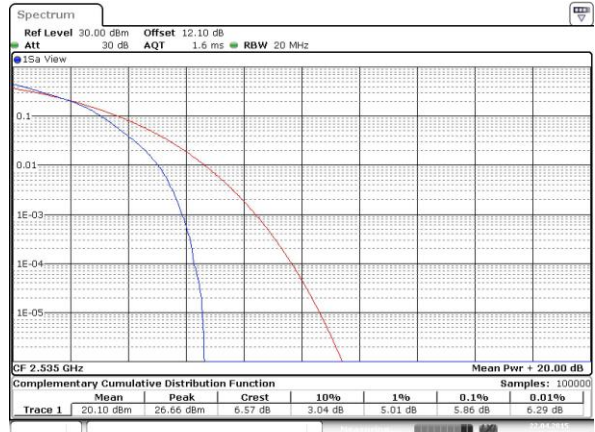
Date: 22 APR 2015 11:12:03

Middle Channel / 1RB



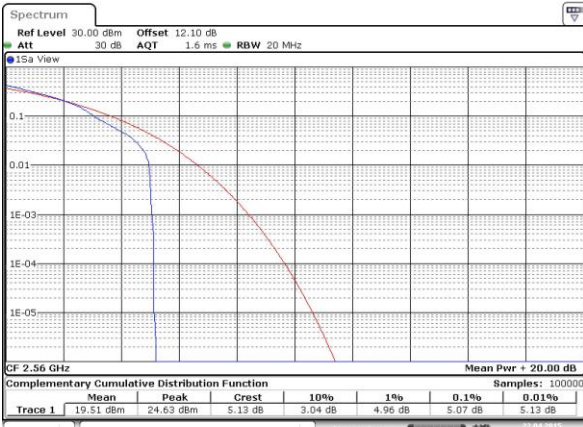
Date: 22 APR 2015 11:12:15

Middle Channel / Full RB



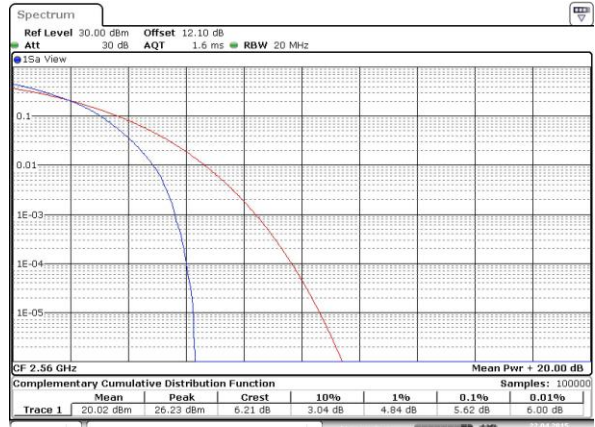
Date: 22 APR 2015 11:12:40

Highest Channel / 1RB



Date: 22 APR 2015 11:12:54

Highest Channel / Full RB



Date: 22 APR 2015 11:13:12



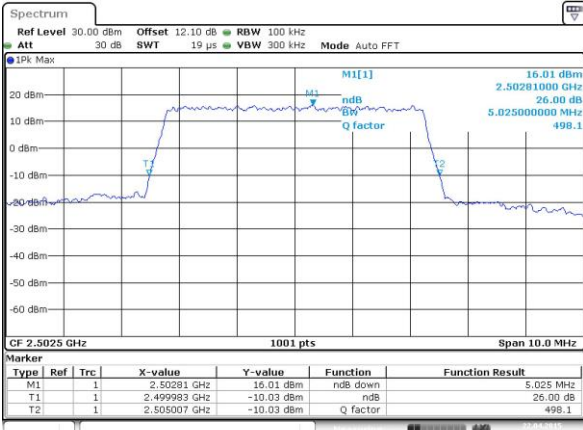
26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.03	4.99	9.91	9.93	14.66	14.72	20.22	20.42
Middle CH	-	-	-	-	5.02	4.99	9.89	9.89	14.54	14.66	20.38	20.38
Highest CH	-	-	-	-	5.01	5.00	9.93	9.95	14.63	14.57	20.38	20.22



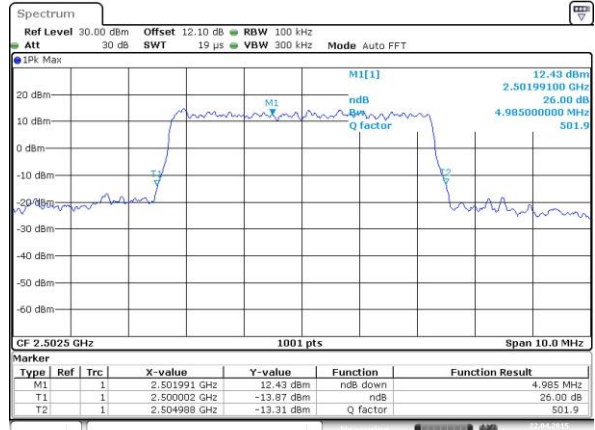
LTE Band 7

Lowest Channel / 5MHz / QPSK



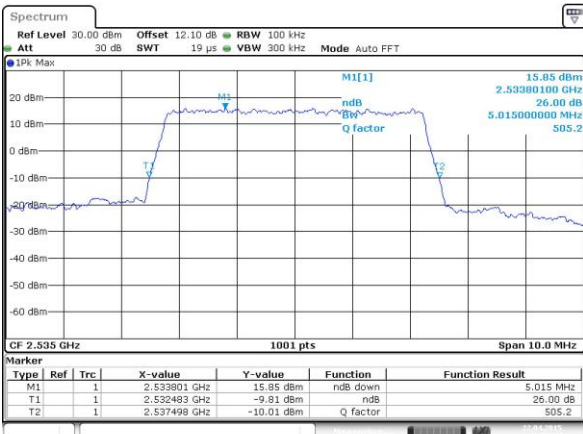
Date: 22 APR 2015 09:44:10

Lowest Channel / 5MHz / 16QAM



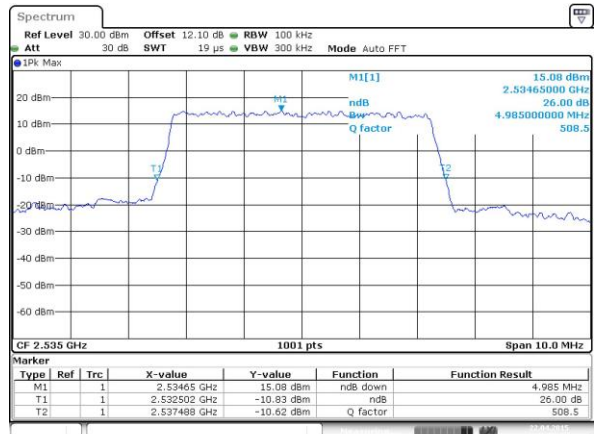
Date: 22 APR 2015 09:44:26

Middle Channel / 5MHz / QPSK



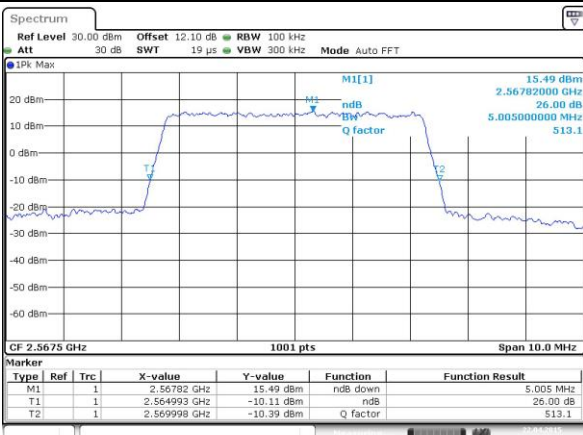
Date: 22 APR 2015 09:53:07

Middle Channel / 5MHz / 16QAM



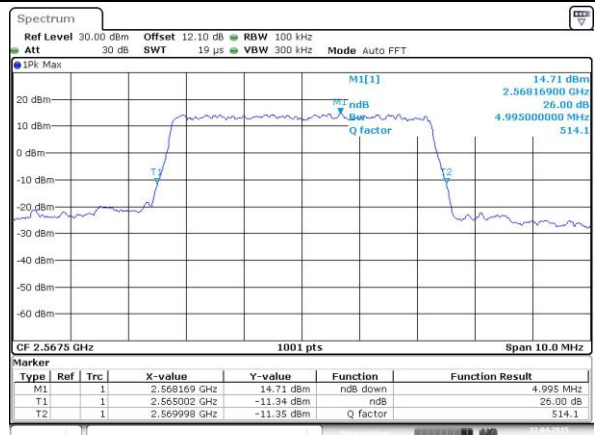
Date: 22 APR 2015 09:53:23

Highest Channel / 5MHz / QPSK



Date: 22 APR 2015 09:56:48

Highest Channel / 5MHz / 16QAM

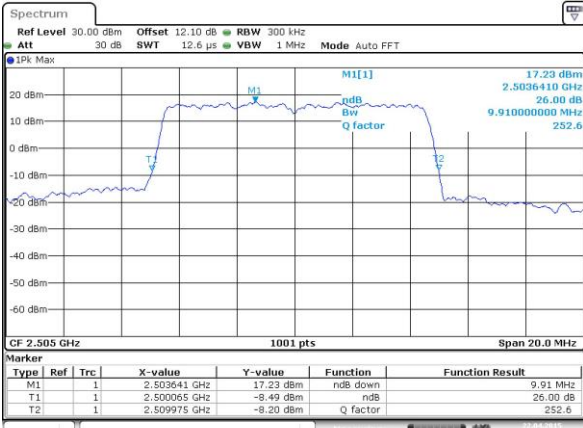


Date: 22 APR 2015 09:57:04



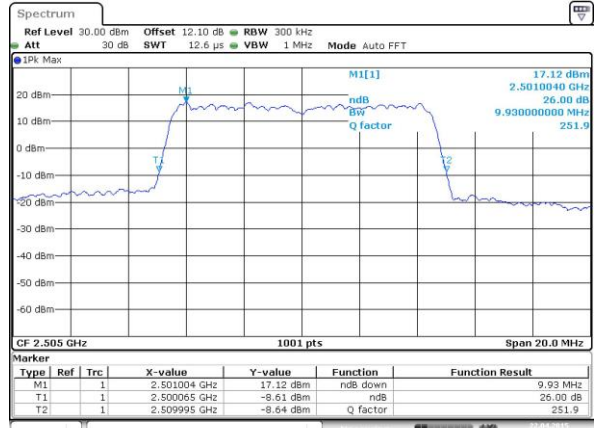
LTE Band 7

Lowest Channel / 10MHz / QPSK



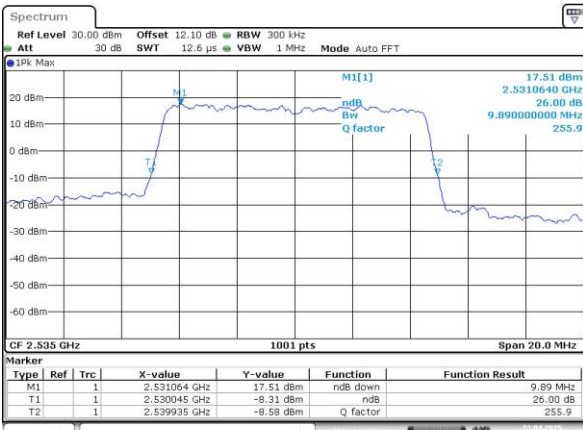
Date: 22 APR 2015 10:05:49

Lowest Channel / 10MHz / 16QAM



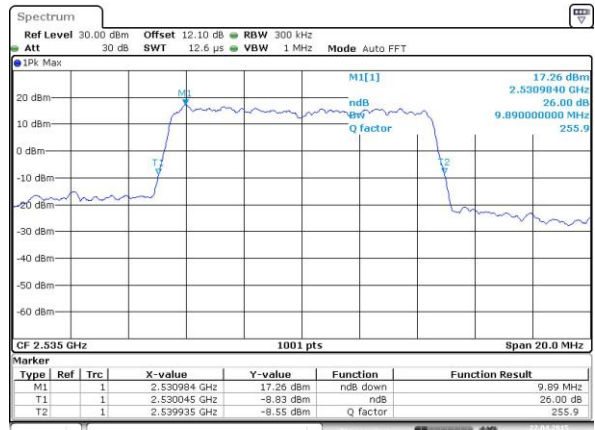
Date: 22 APR 2015 10:06:05

Middle Channel / 10MHz / QPSK



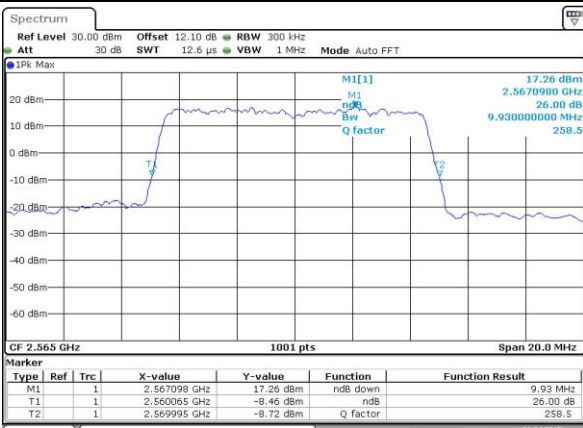
Date: 22 APR 2015 10:14:39

Middle Channel / 10MHz / 16QAM



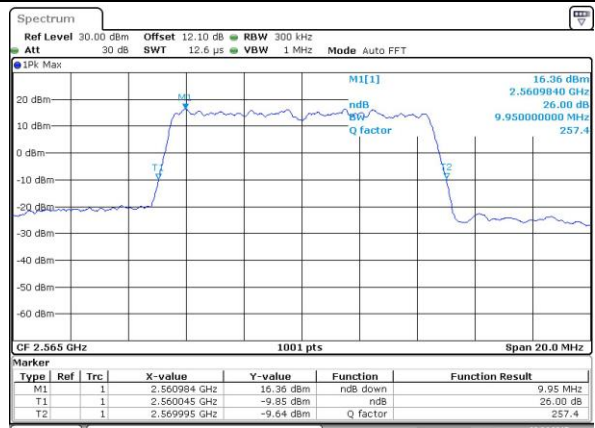
Date: 22 APR 2015 10:14:56

Highest Channel / 10MHz / QPSK



Date: 22 APR 2015 10:18:20

Highest Channel / 10MHz / 16QAM

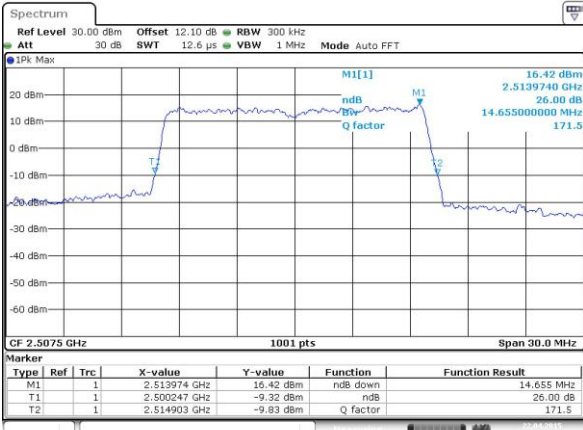


Date: 22 APR 2015 10:18:36



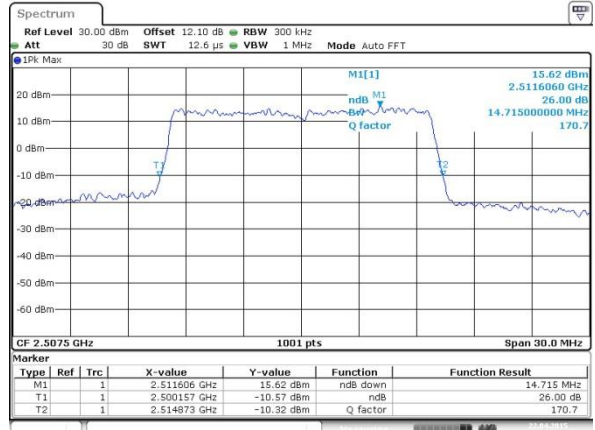
LTE Band 7

Lowest Channel / 15MHz / QPSK



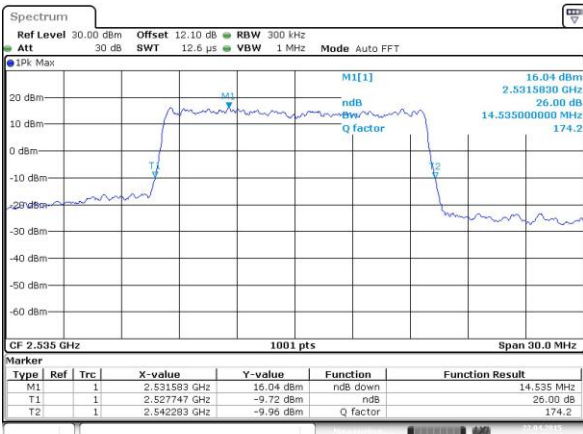
Date: 22 APR 2015 11:27:46

Lowest Channel / 15MHz / 16QAM



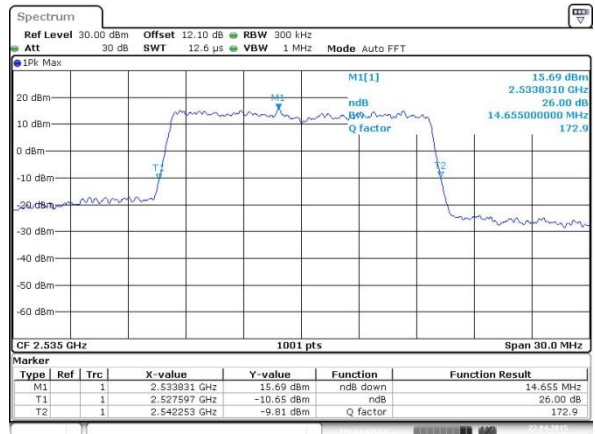
Date: 22 APR 2015 11:28:01

Middle Channel / 15MHz / QPSK



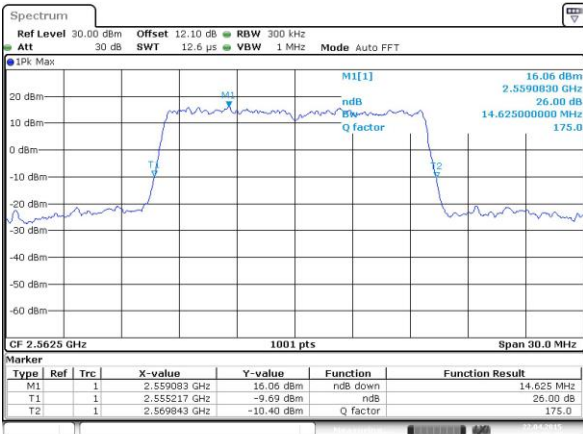
Date: 22 APR 2015 10:36:11

Middle Channel / 15MHz / 16QAM



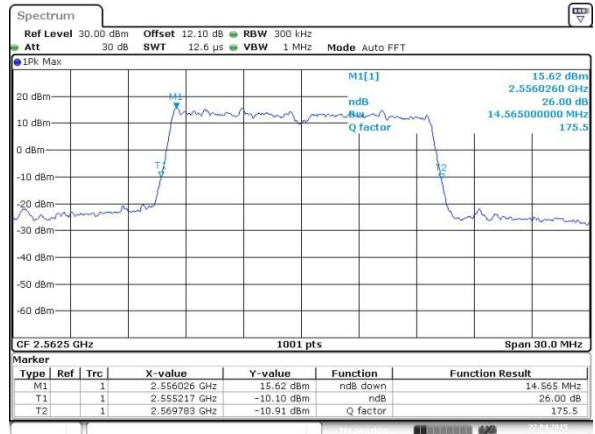
Date: 22 APR 2015 10:36:26

Highest Channel / 15MHz / QPSK



Date: 22 APR 2015 10:39:47

Highest Channel / 15MHz / 16QAM



Date: 22 APR 2015 10:40:02