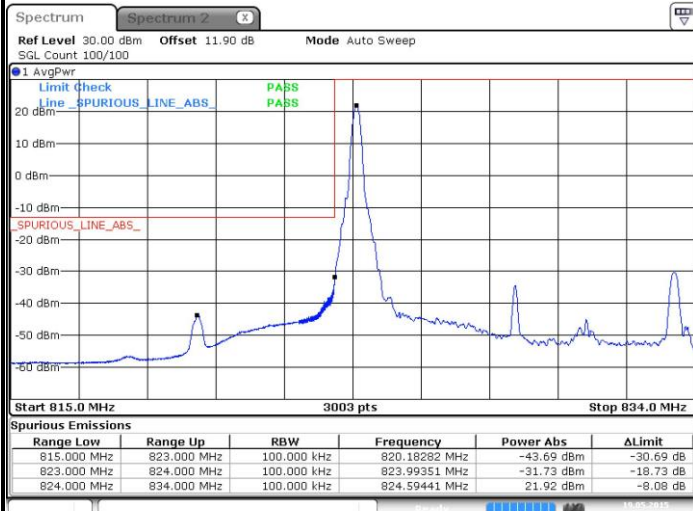




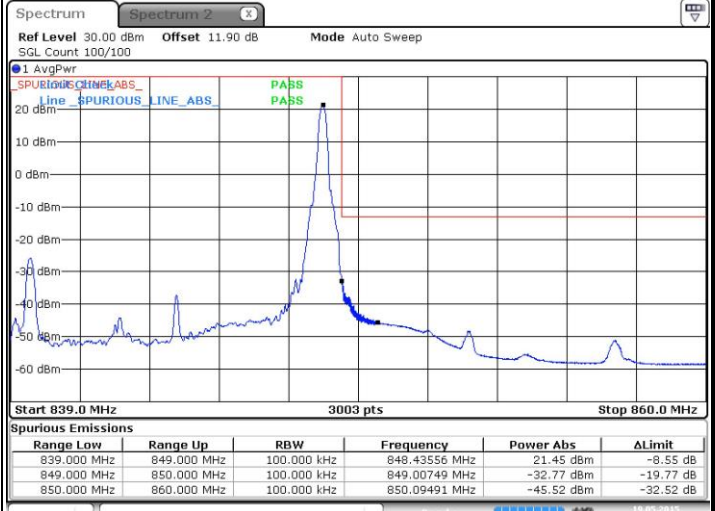
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



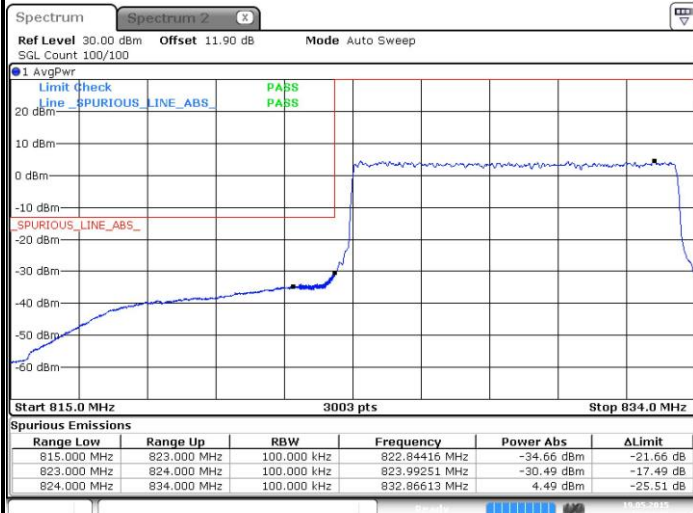
Date: 19.MAY.2015 10:02:20

Highest Band Edge / 1 RB



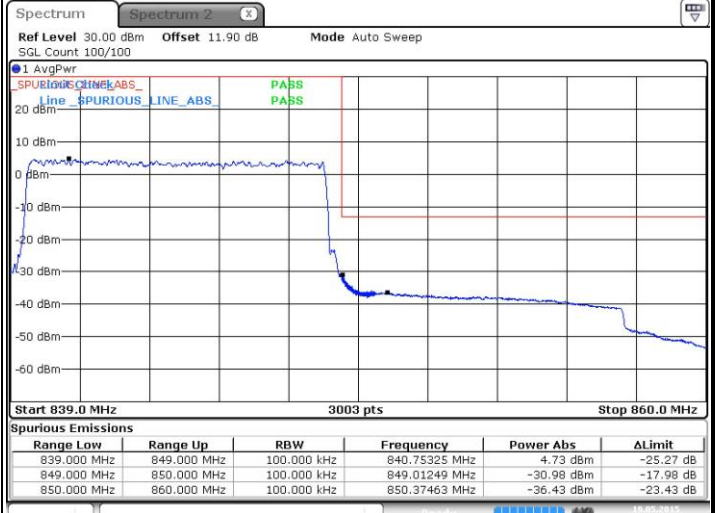
Date: 19.MAY.2015 10:13:12

Lowest Band Edge / Full RB



Date: 19.MAY.2015 10:04:40

Highest Band Edge / Full RB

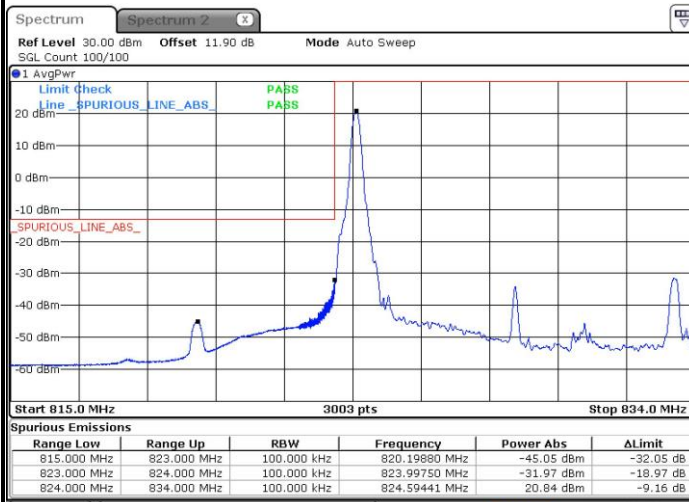


Date: 19.MAY.2015 10:15:32



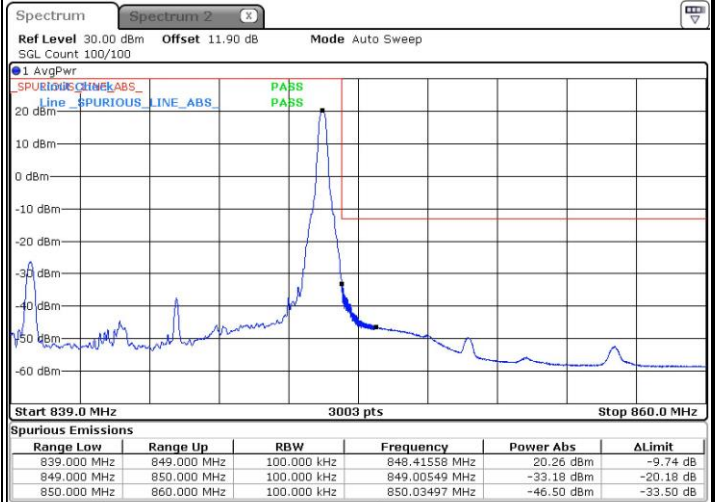
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



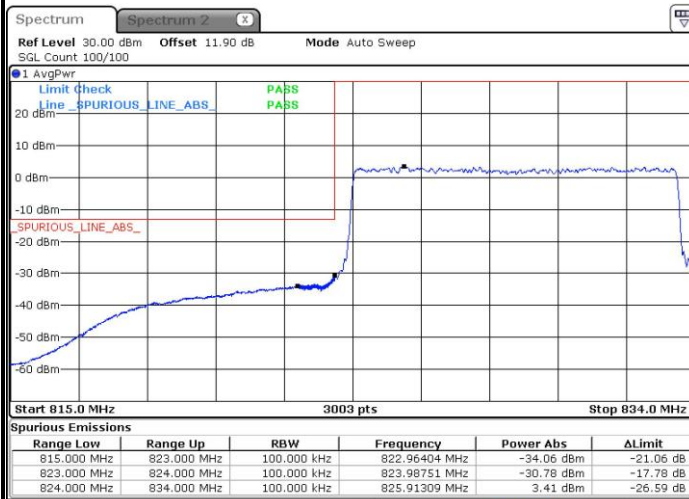
Date: 19.MAY.2015 10:03:30

Highest Band Edge / 1 RB



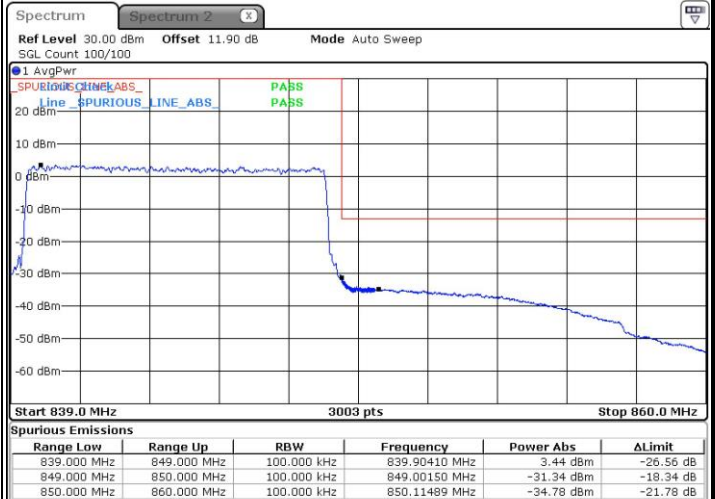
Date: 19.MAY.2015 10:14:22

Lowest Band Edge / Full RB



Date: 19.MAY.2015 10:05:50

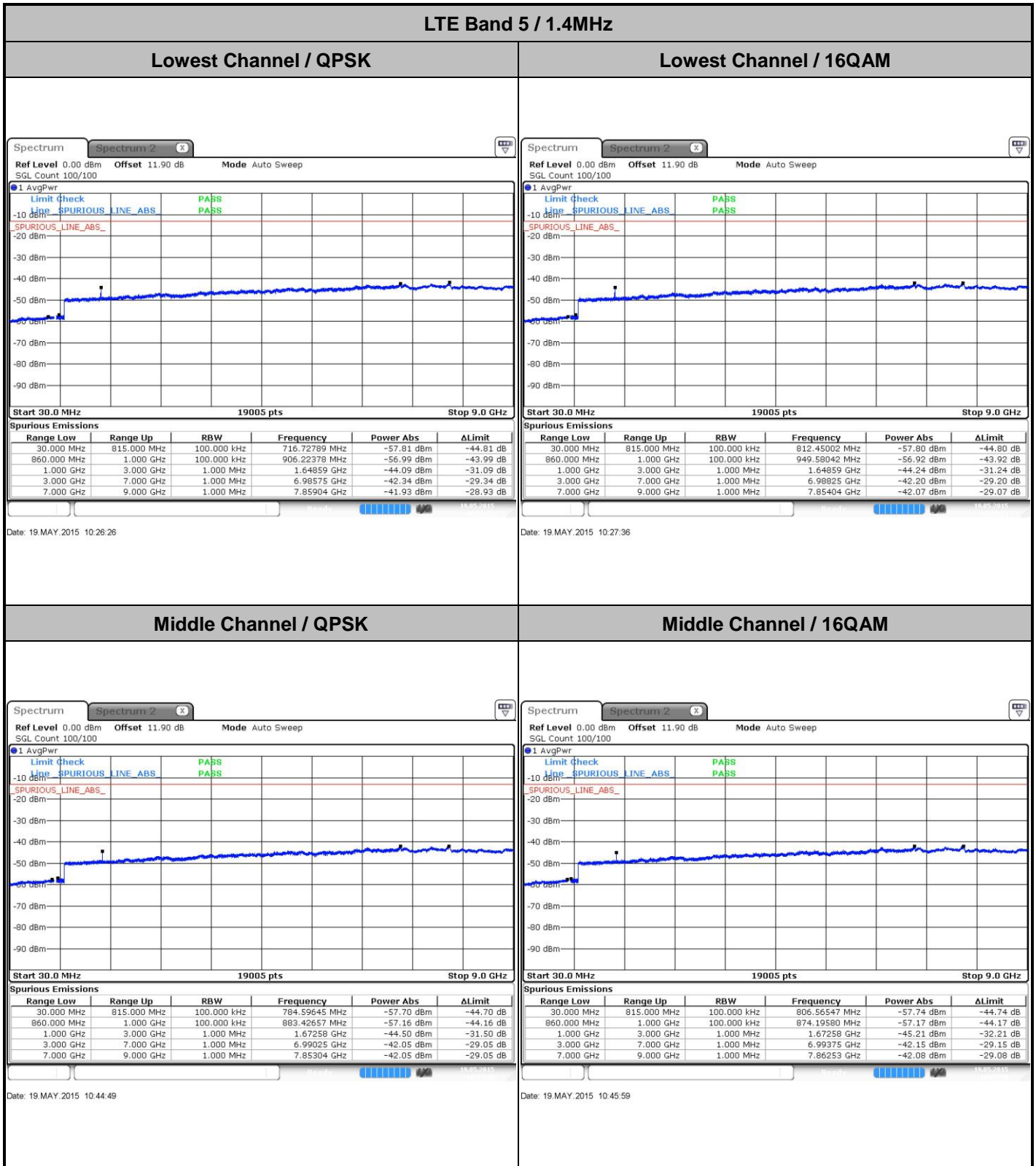
Highest Band Edge / Full RB



Date: 19.MAY.2015 10:16:42



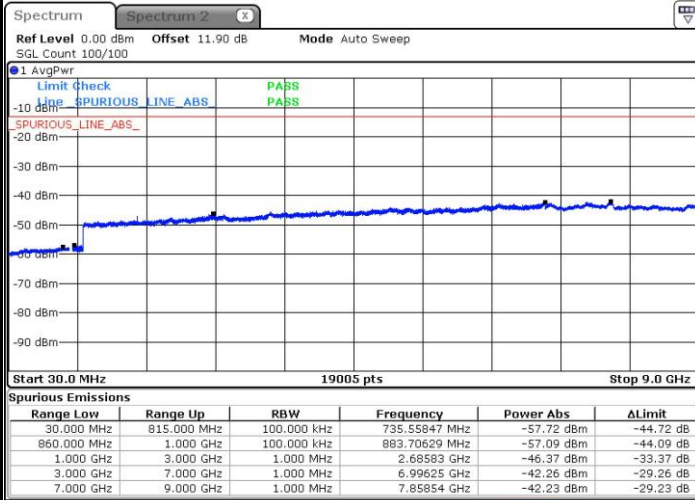
Conducted Spurious Emission





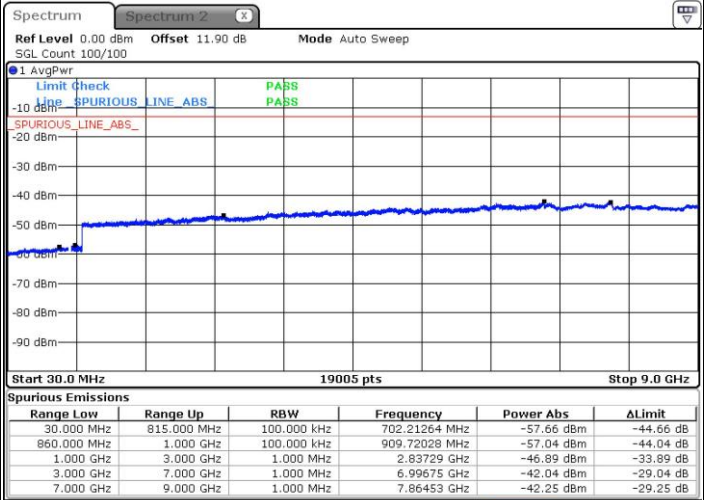
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 19.MAY.2015 10:58:36

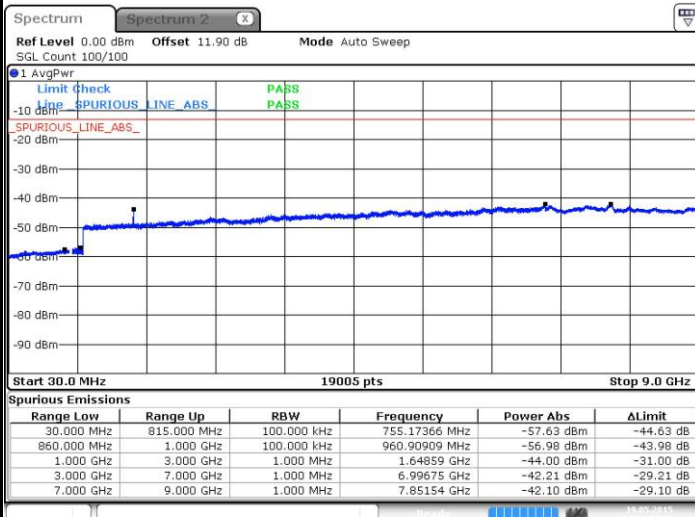
Highest Channel / 16QAM



Date: 19.MAY.2015 10:59:46

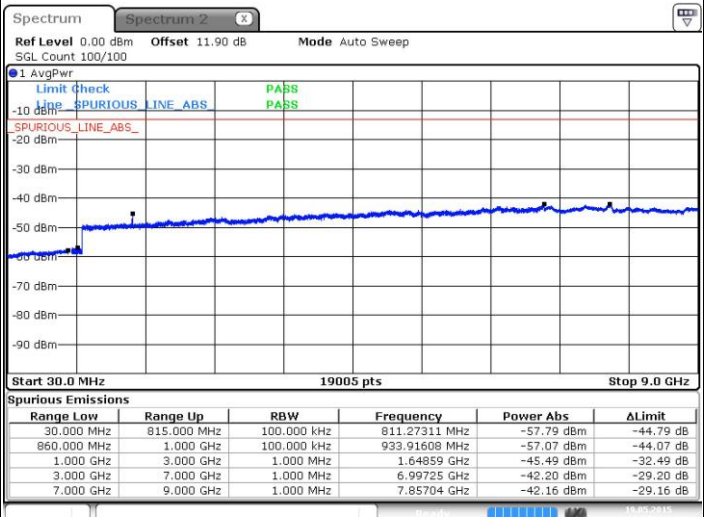
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 19.MAY.2015 09:29:34

Lowest Channel / 16QAM



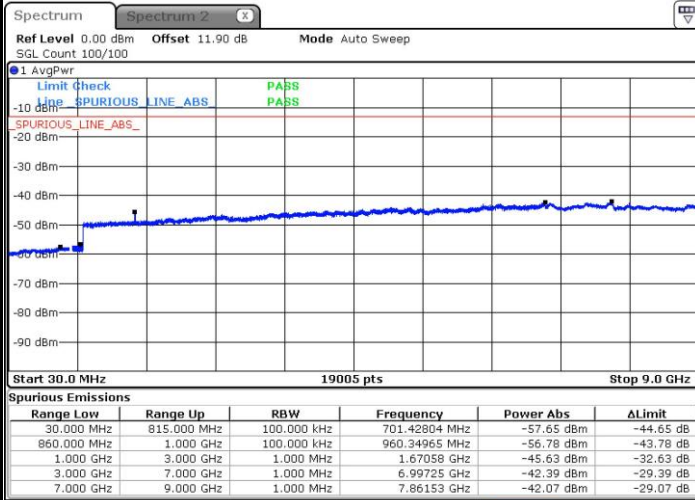
Date: 19.MAY.2015 09:30:44



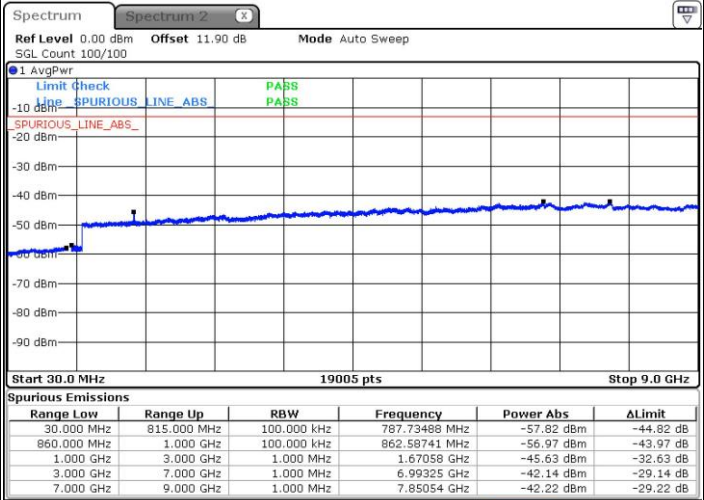
LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



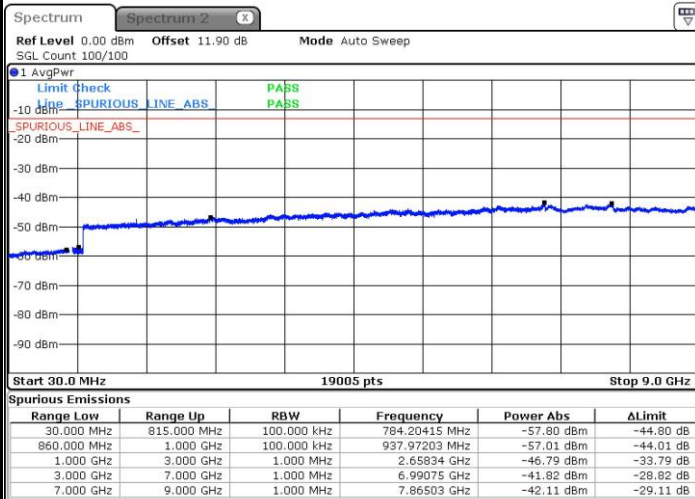
Date: 19.MAY.2015 09:32:42



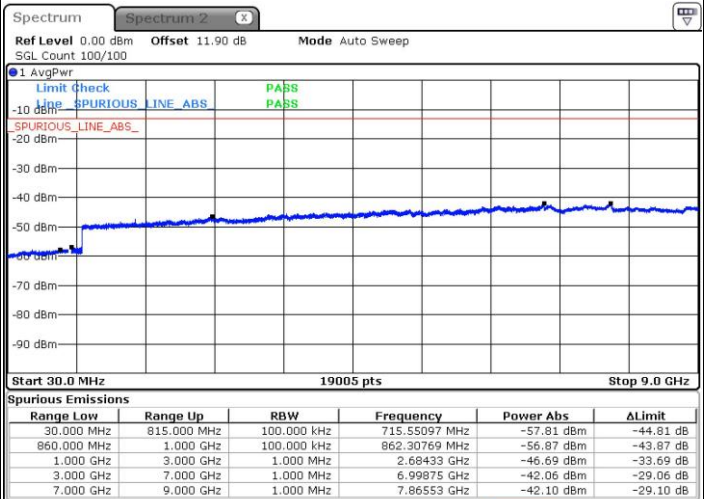
Date: 19.MAY.2015 09:33:52

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 19.MAY.2015 09:40:28

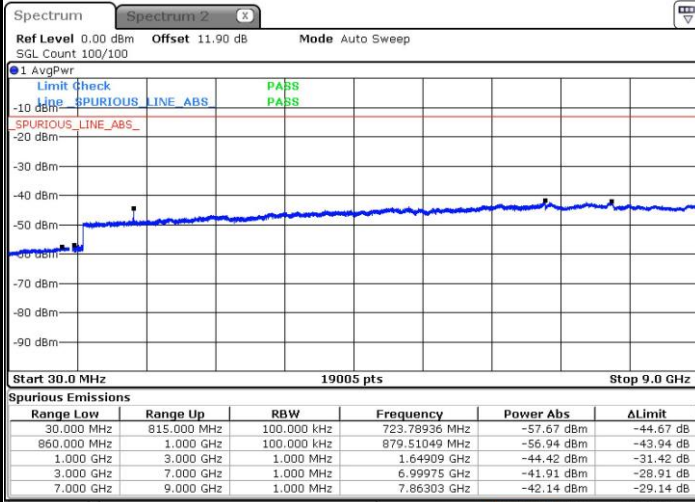


Date: 19.MAY.2015 09:41:38



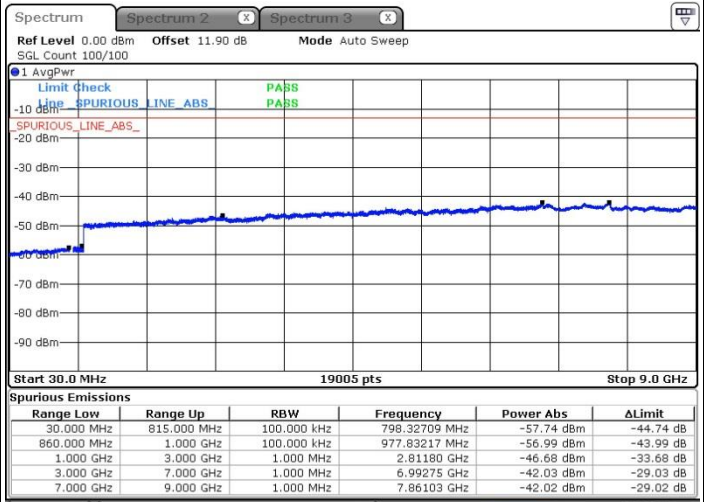
LTE Band 5 / 5MHz

Lowest Channel / QPSK



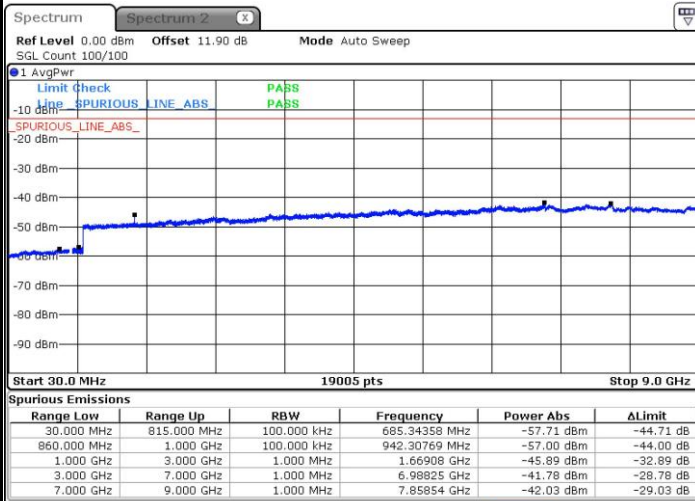
Date: 19 MAY 2015 09:48:18

Lowest Channel / 16QAM



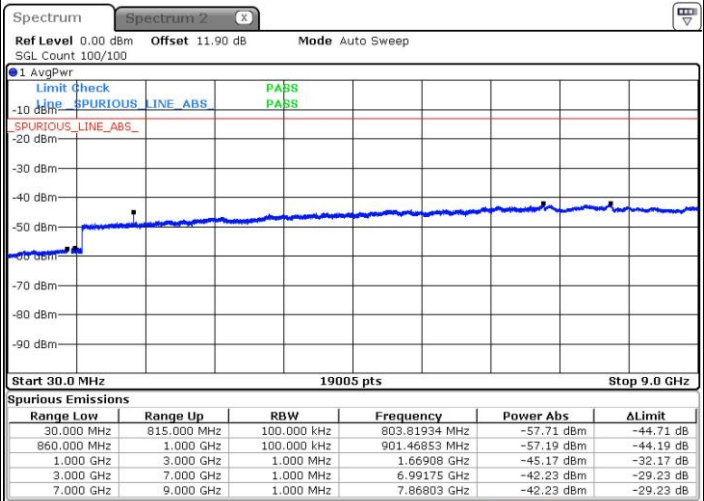
Date: 9 JUN 2015 15:12:21

Middle Channel / QPSK



Date: 19 MAY 2015 09:51:25

Middle Channel / 16QAM

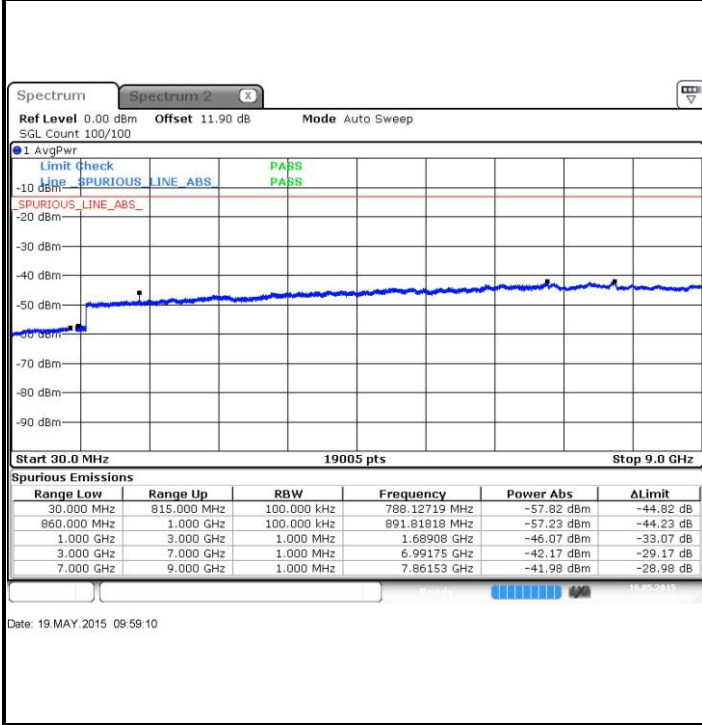


Date: 19 MAY 2015 09:52:35



LTE Band 5 / 5MHz

Highest Channel / QPSK

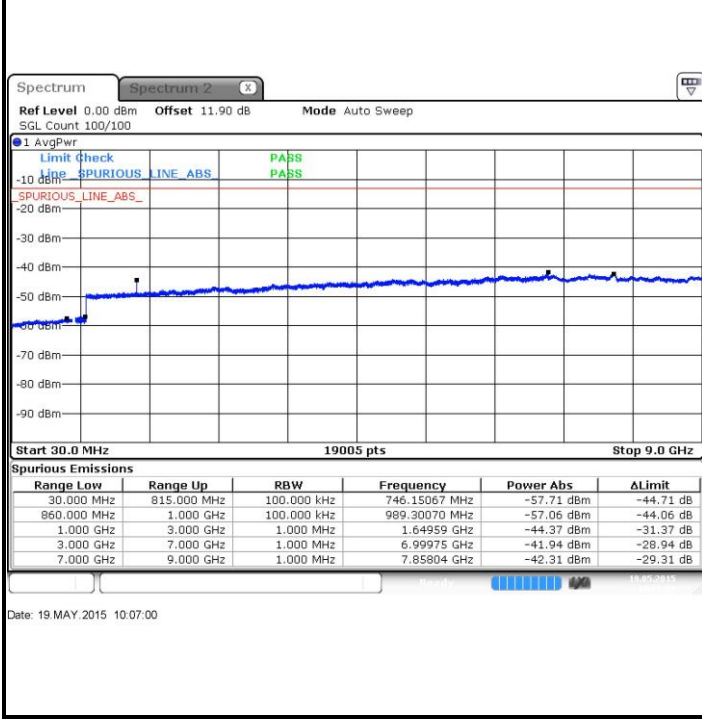


Highest Channel / 16QAM



LTE Band 5 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

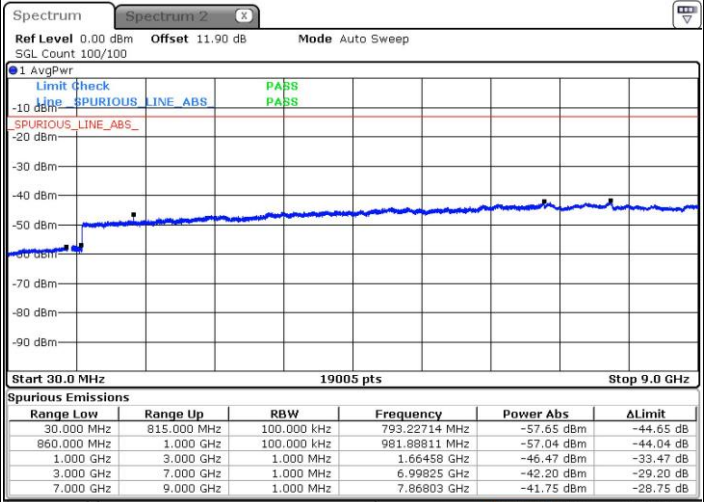
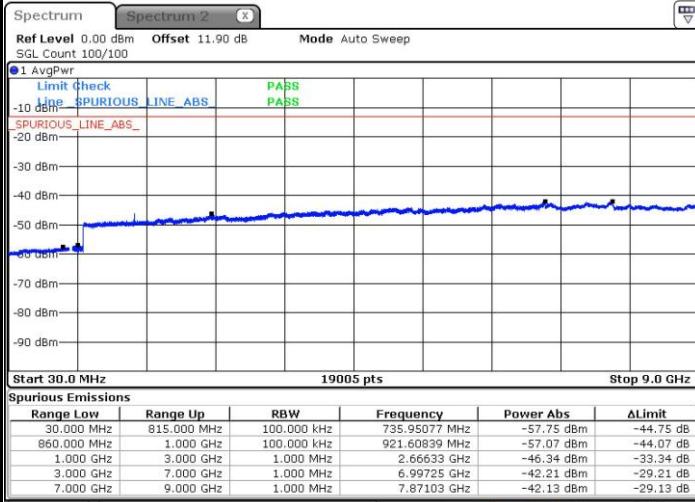




LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

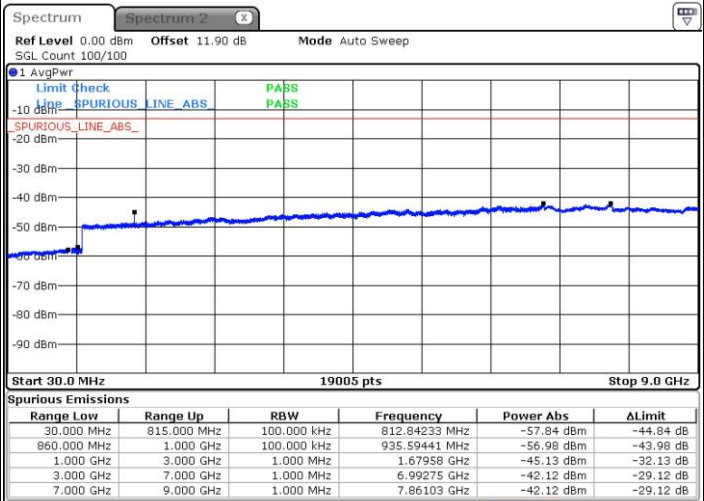
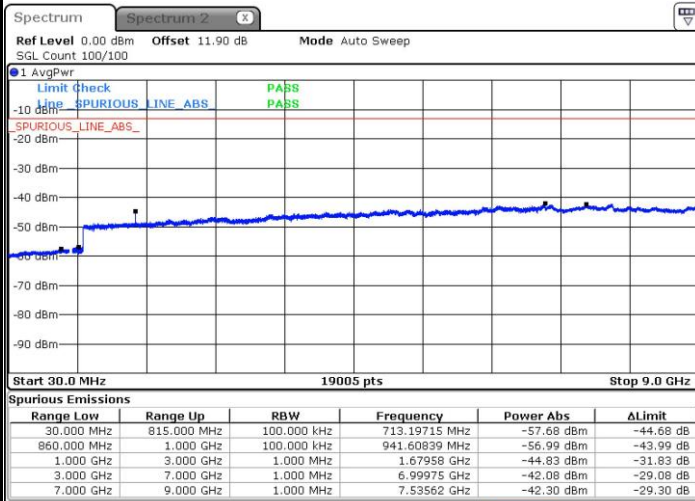


Date: 19.MAY.2015 10:10:06

Date: 19.MAY.2015 10:11:16

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 19.MAY.2015 10:17:53

Date: 19.MAY.2015 10:19:03



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	0.0004	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0030	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0039	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage = 3.9V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.35V
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	4.58	4.61	5.59	PASS
Middle CH	3.86	4.7	4.61	5.62	
Highest CH	3.86	4.49	4.67	5.42	



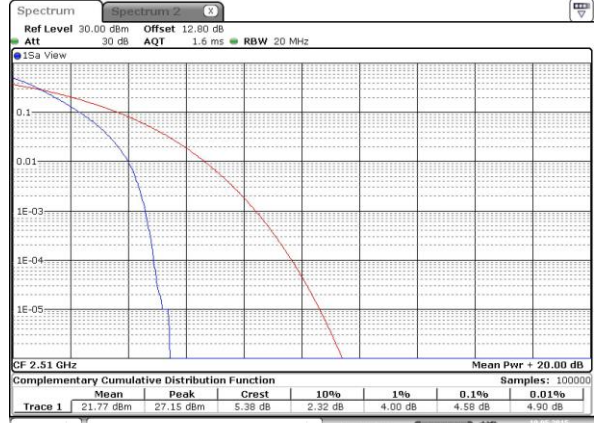
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



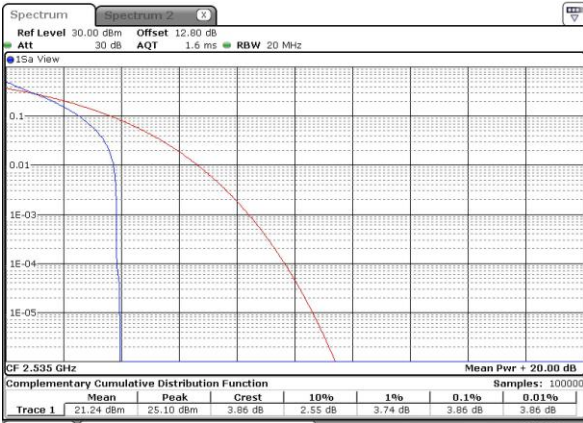
Date: 19 MAY 2015 06:58:02

Lowest Channel / Full RB



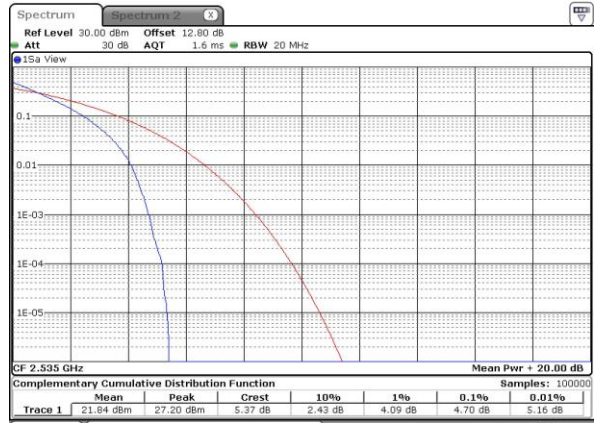
Date: 19 MAY 2015 06:58:22

Middle Channel / 1RB



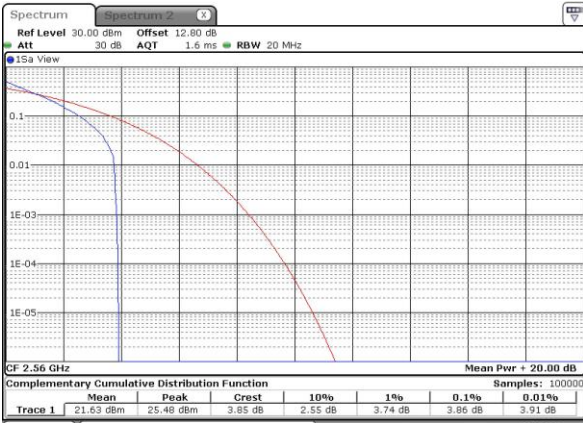
Date: 19 MAY 2015 06:58:32

Middle Channel / Full RB



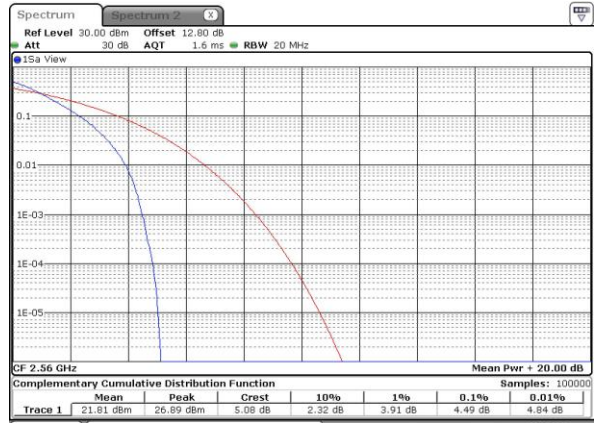
Date: 19 MAY 2015 06:58:44

Highest Channel / 1RB



Date: 19 MAY 2015 06:58:55

Highest Channel / Full RB

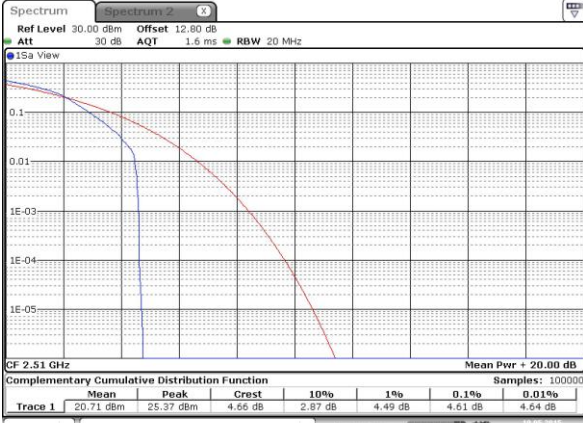


Date: 19 MAY 2015 06:59:07



LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



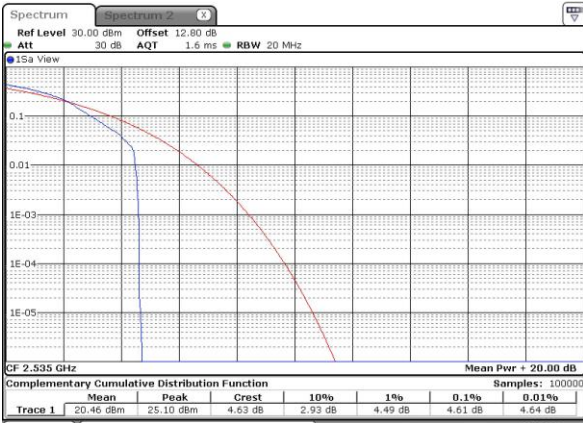
Date: 19 MAY 2015 06:56:51

Lowest Channel / Full RB



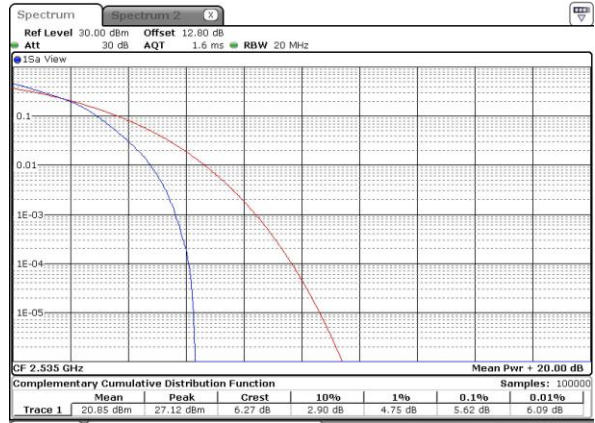
Date: 19 MAY 2015 06:57:06

Middle Channel / 1RB



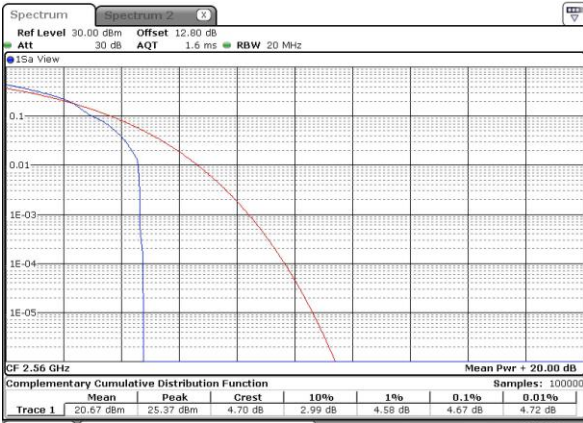
Date: 19 MAY 2015 06:57:17

Middle Channel / Full RB



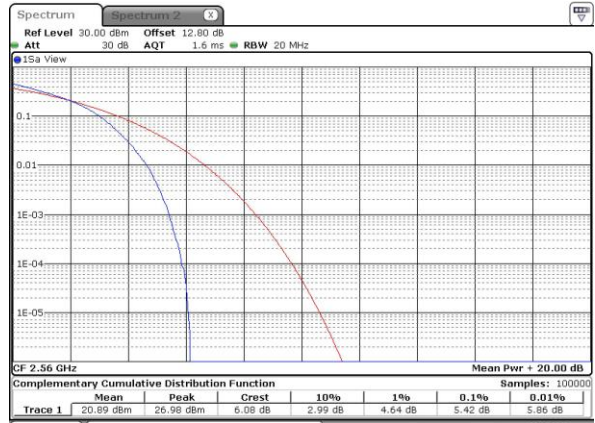
Date: 19 MAY 2015 06:57:28

Highest Channel / 1RB



Date: 19 MAY 2015 06:57:40

Highest Channel / Full RB



Date: 19 MAY 2015 06:57:51



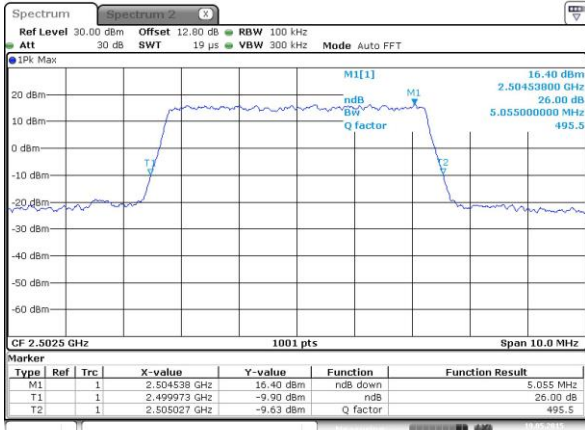
26dB Bandwidth

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	-	-	-	-	5.06	5.05	10.15	9.99	14.63	14.81	20.3	20.46
Middle CH	-	-	-	-	5.07	5.06	10.03	9.97	14.75	14.81	20.5	20.54
Highest CH	-	-	-	-	5.07	5.06	9.99	10.05	14.66	14.63	20.42	20.62



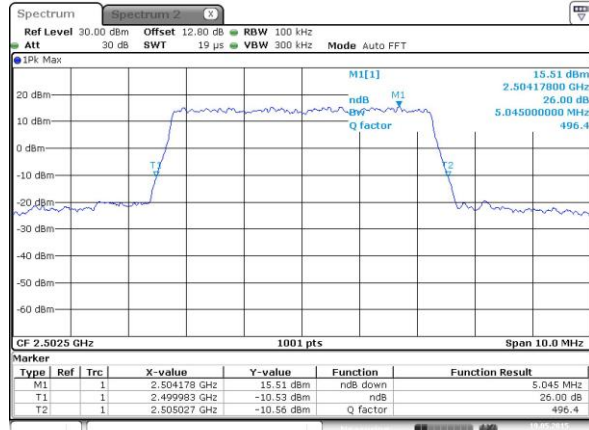
LTE Band 7

Lowest Channel / 5MHz / QPSK



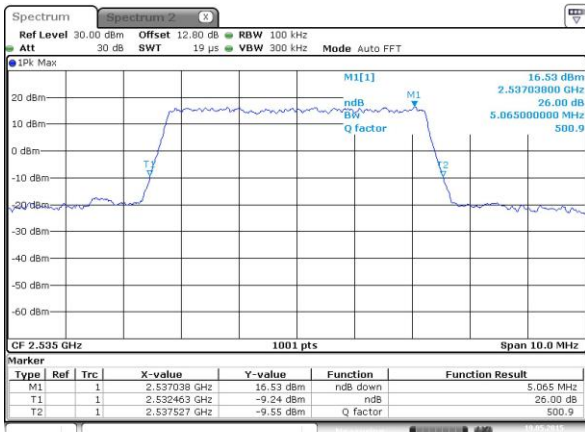
Date: 19 MAY 2015 05:41:22

Lowest Channel / 5MHz / 16QAM



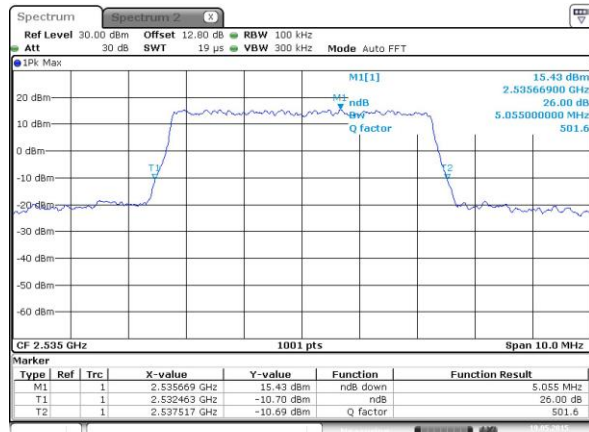
Date: 19 MAY 2015 05:41:35

Middle Channel / 5MHz / QPSK



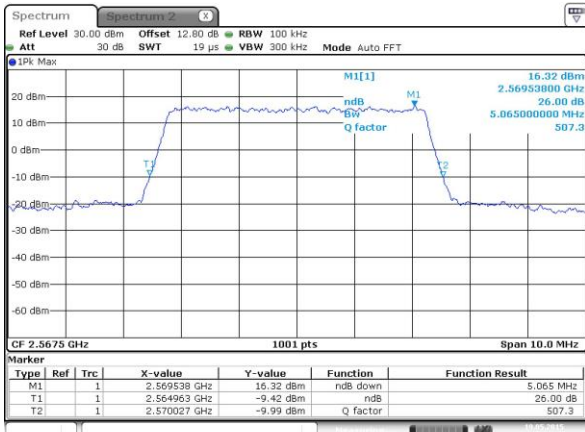
Date: 19 MAY 2015 05:49:08

Middle Channel / 5MHz / 16QAM



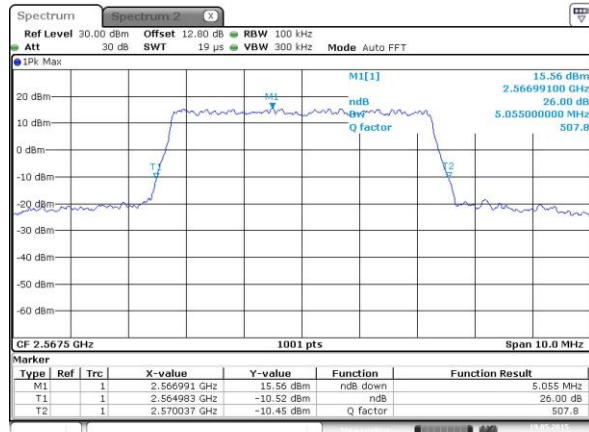
Date: 19 MAY 2015 05:49:21

Highest Channel / 5MHz / QPSK



Date: 19 MAY 2015 05:52:14

Highest Channel / 5MHz / 16QAM

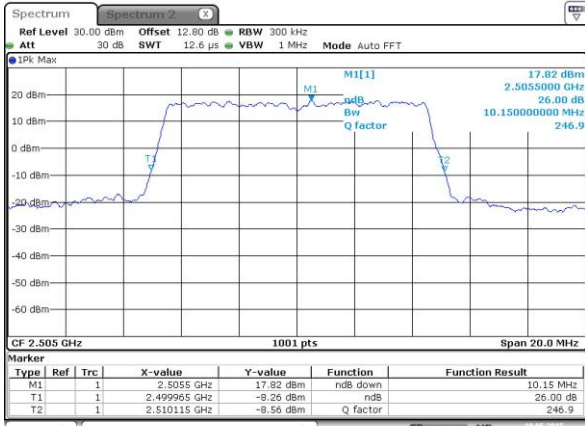


Date: 19 MAY 2015 05:52:27



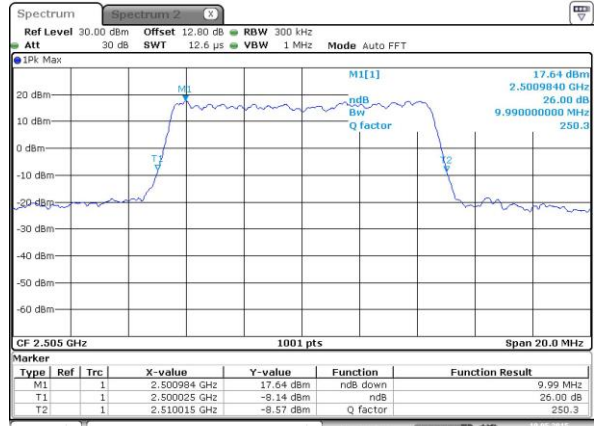
LTE Band 7

Lowest Channel / 10MHz / QPSK



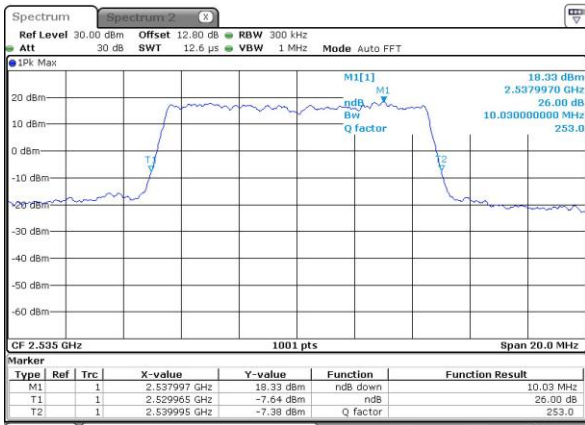
Date: 19 MAY 2015 06:00:04

Lowest Channel / 10MHz / 16QAM



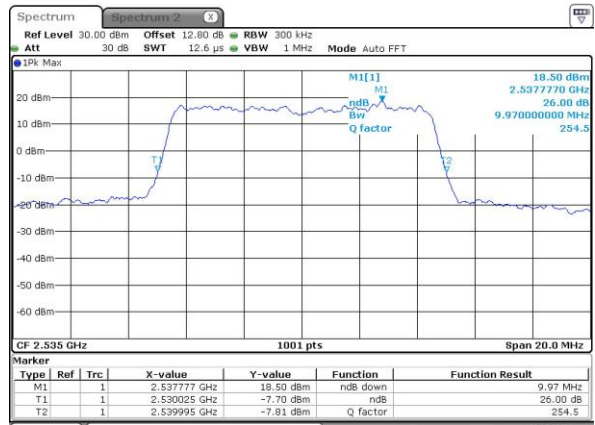
Date: 19 MAY 2015 06:00:17

Middle Channel / 10MHz / QPSK



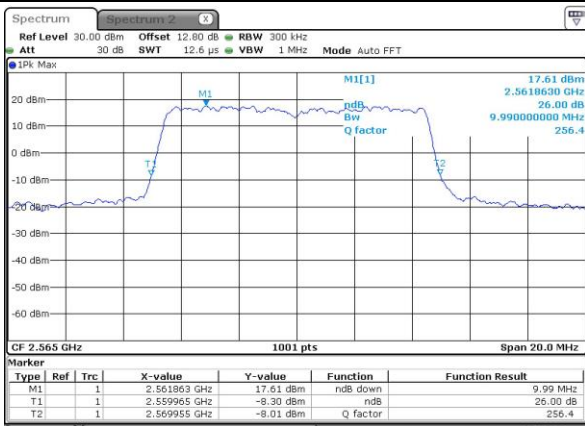
Date: 19 MAY 2015 06:07:49

Middle Channel / 10MHz / 16QAM



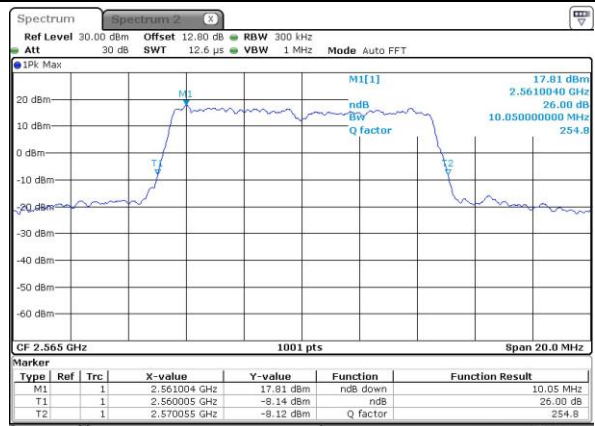
Date: 19 MAY 2015 06:08:02

Highest Channel / 10MHz / QPSK



Date: 19 MAY 2015 06:10:55

Highest Channel / 10MHz / 16QAM

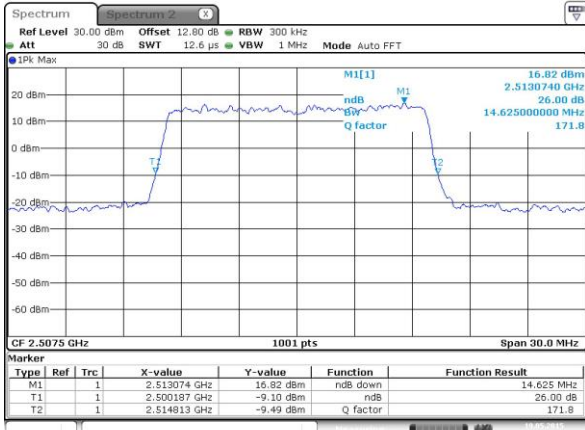


Date: 19 MAY 2015 06:11:08



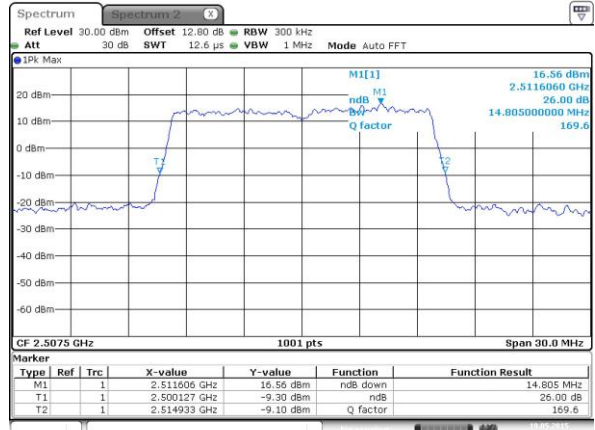
LTE Band 7

Lowest Channel / 15MHz / QPSK



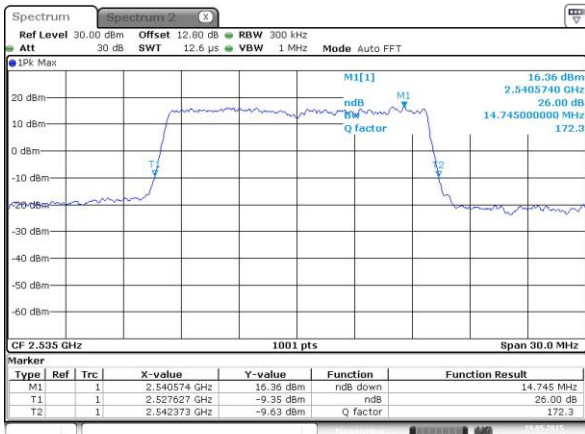
Date: 19 MAY 2015 06:18:45

Lowest Channel / 15MHz / 16QAM



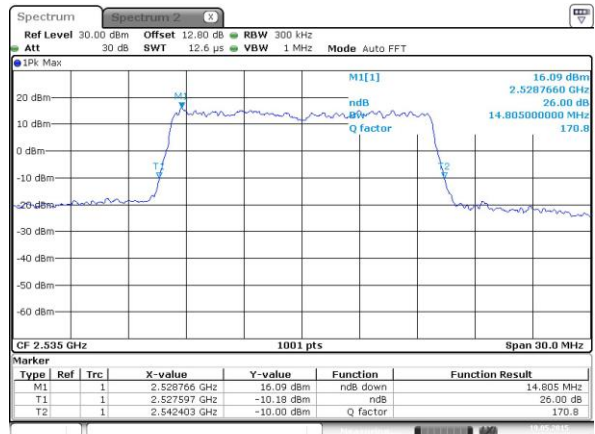
Date: 19 MAY 2015 06:18:57

Middle Channel / 15MHz / QPSK



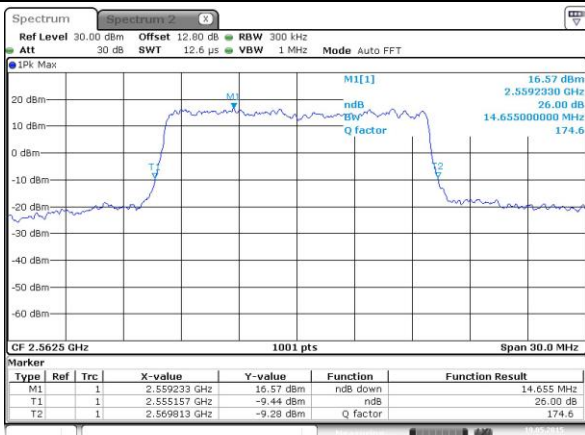
Date: 19 MAY 2015 06:26:30

Middle Channel / 15MHz / 16QAM



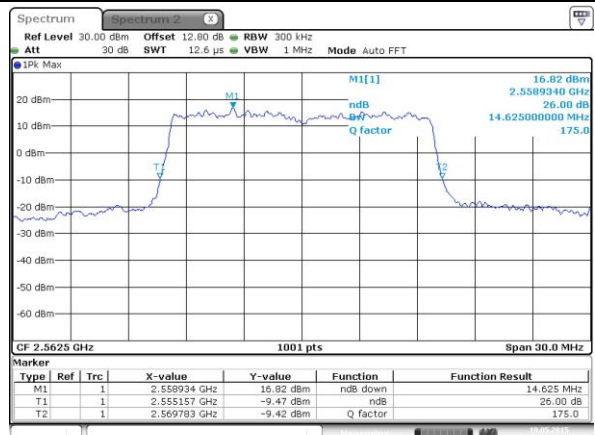
Date: 19 MAY 2015 06:26:42

Highest Channel / 15MHz / QPSK



Date: 19 MAY 2015 06:29:36

Highest Channel / 15MHz / 16QAM

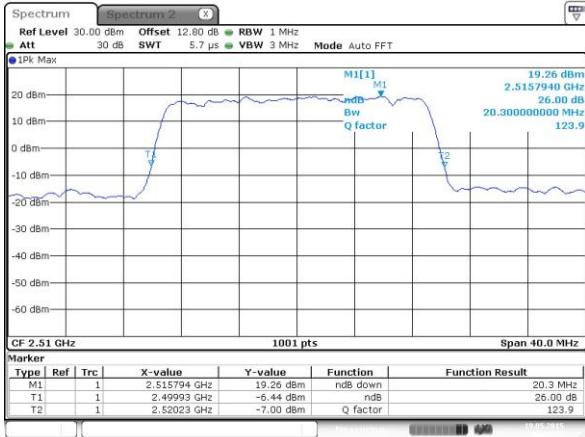


Date: 19 MAY 2015 06:29:49



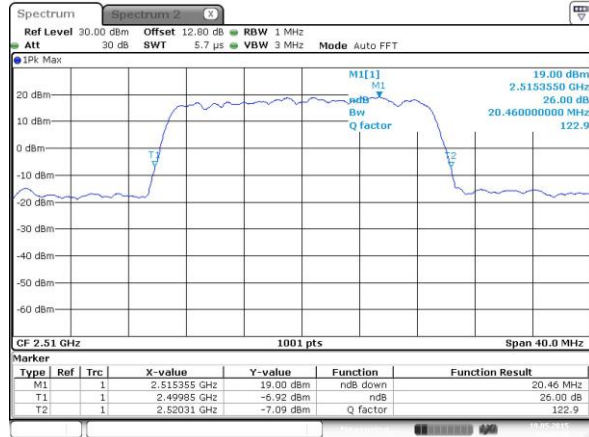
LTE Band 7

Lowest Channel / 20MHz / QPSK



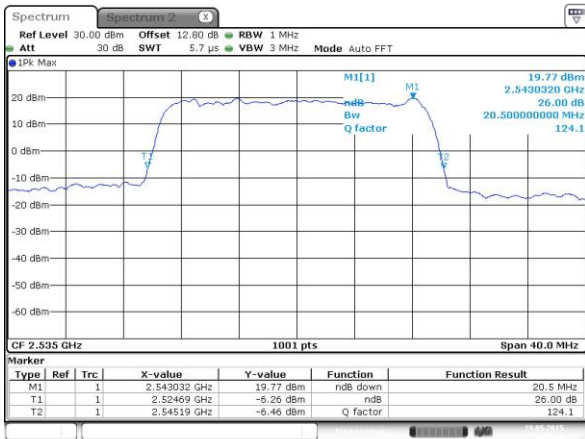
Date: 19 MAY 2015 06:37:26

Lowest Channel / 20MHz / 16QAM



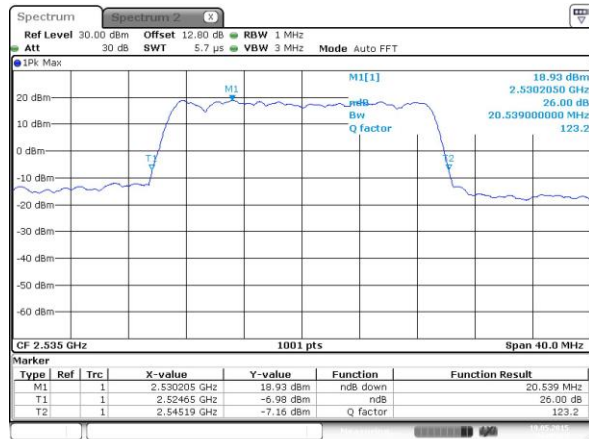
Date: 19 MAY 2015 06:37:38

Middle Channel / 20MHz / QPSK



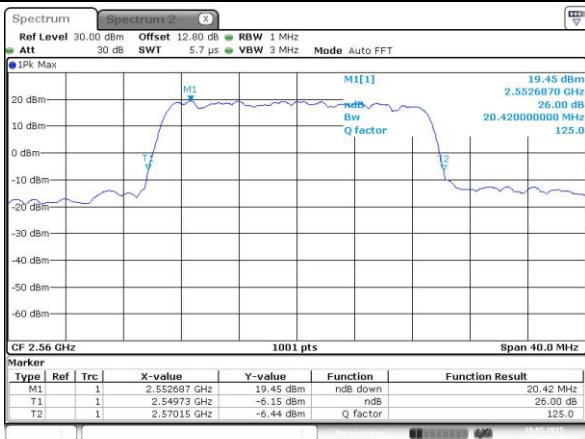
Date: 19 MAY 2015 06:45:10

Middle Channel / 20MHz / 16QAM



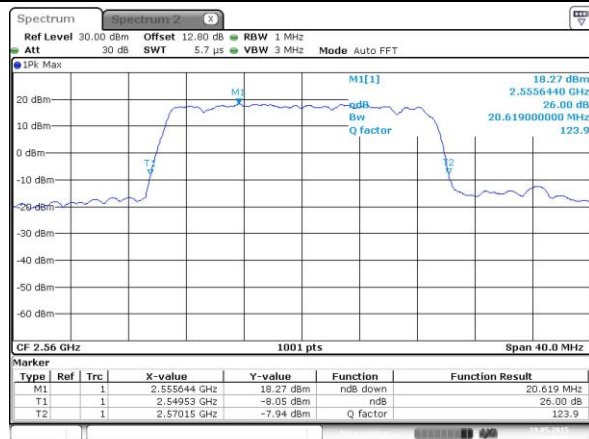
Date: 19 MAY 2015 06:45:23

Highest Channel / 20MHz / QPSK



Date: 19 MAY 2015 06:48:16

Highest Channel / 20MHz / 16QAM



Date: 19 MAY 2015 06:48:29