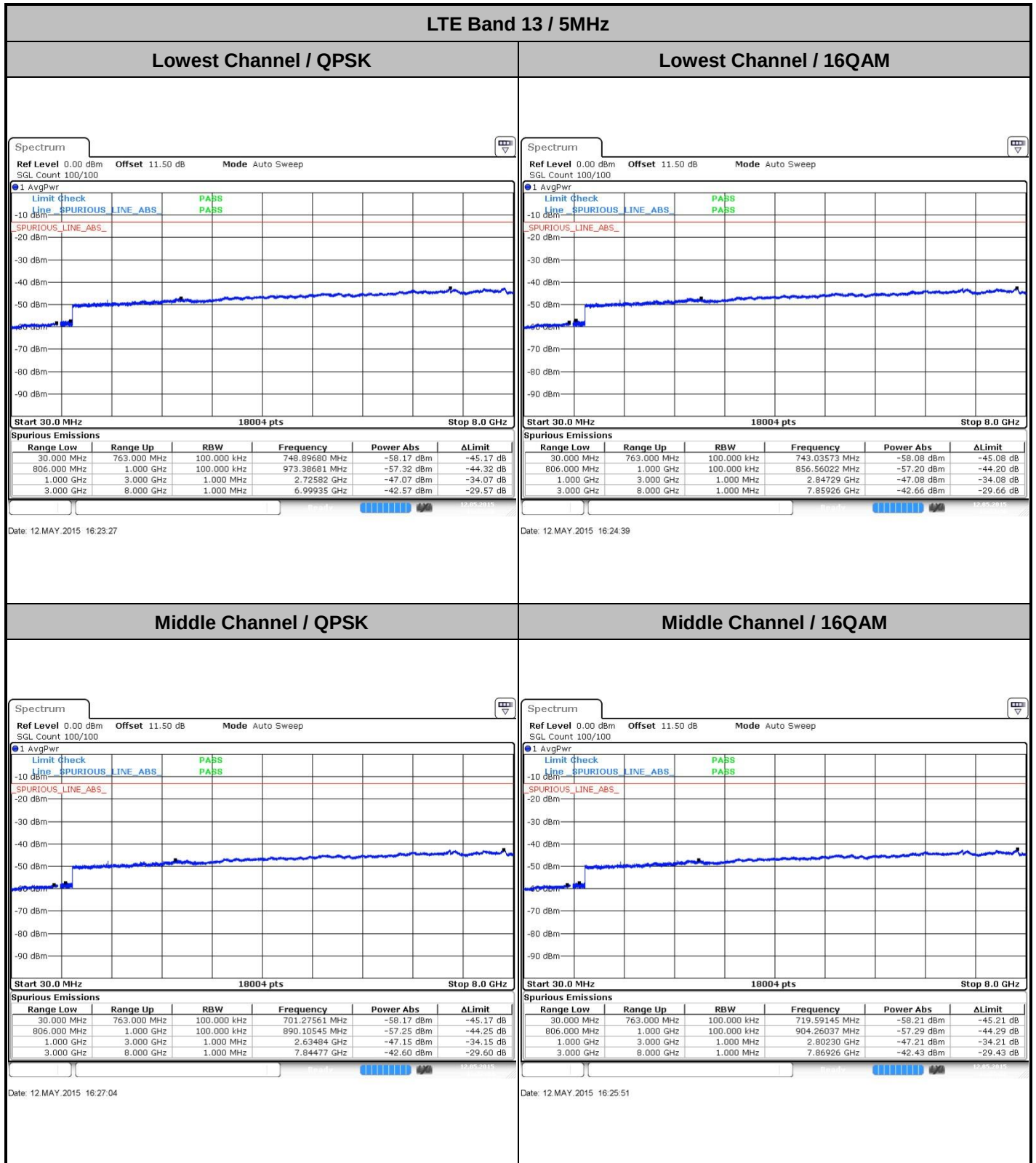




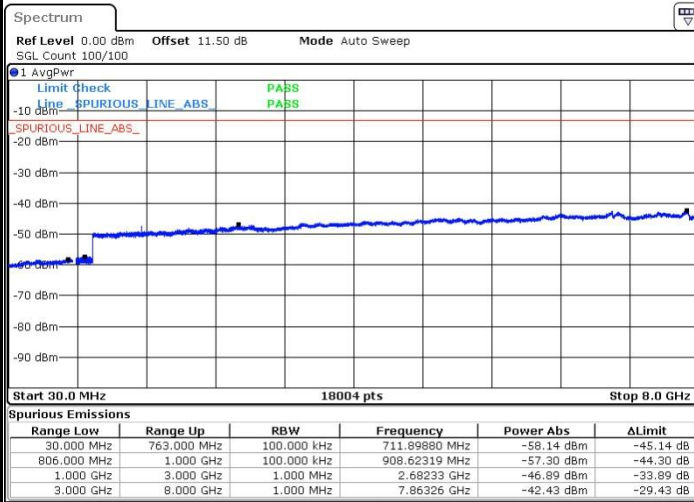
Conducted Spurious Emission





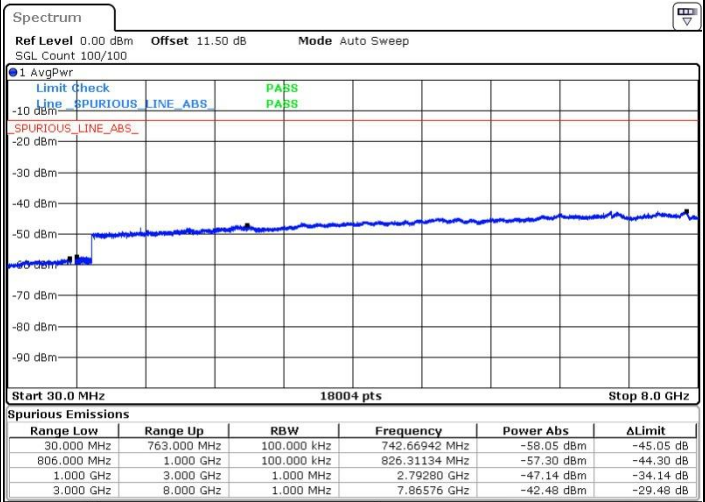
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 12 MAY 2015 16:30:10

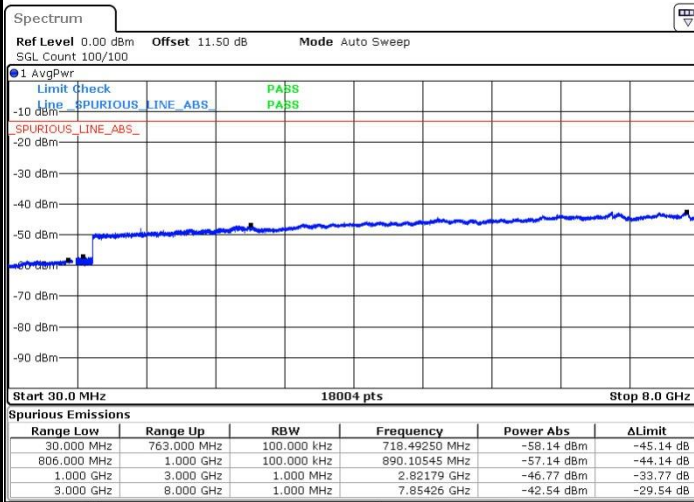
Highest Channel / 16QAM



Date: 12 MAY 2015 16:31:22

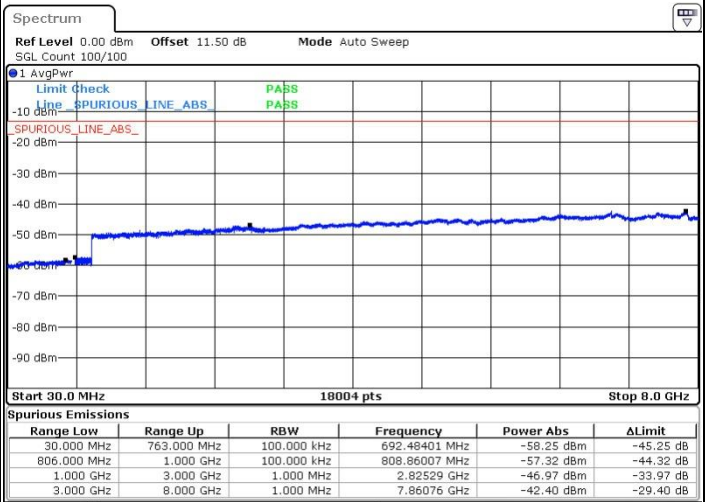
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 12 MAY 2015 16:34:45

Middle Channel / 16QAM



Date: 12 MAY 2015 16:33:32

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0065	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0047	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.4V. ; 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 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.14	4.7	5.01	5.71	PASS
Middle CH	3.65	4.99	4.81	6.03	
Highest CH	3.77	4.78	5.07	5.94	



LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





LTE Band 25 / 20MHz / 16QAM

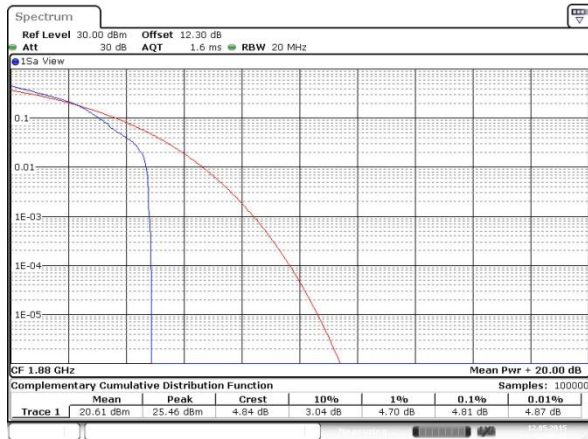
Lowest Channel / 1RB



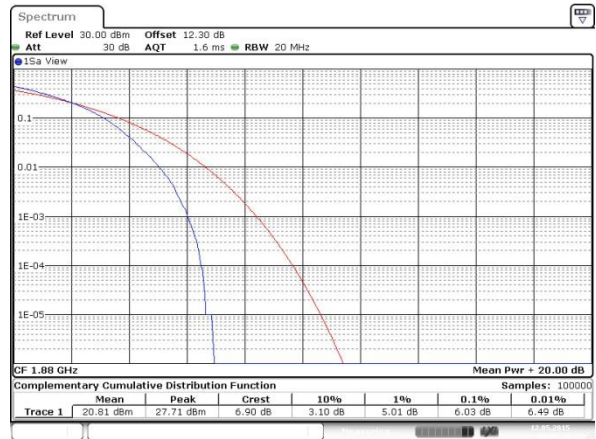
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





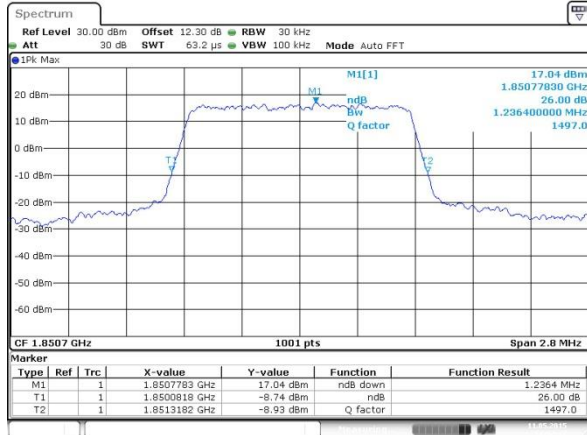
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.24	3.06	3.07	4.98	4.99	9.87	9.85	14.63	14.54	20.38	20.14
Middle CH	1.24	1.24	3.05	3.07	4.99	4.99	9.89	9.89	14.60	14.60	20.30	20.10
Highest CH	1.24	1.24	3.07	3.06	5.00	5.00	9.87	9.87	14.60	14.66	20.46	20.30



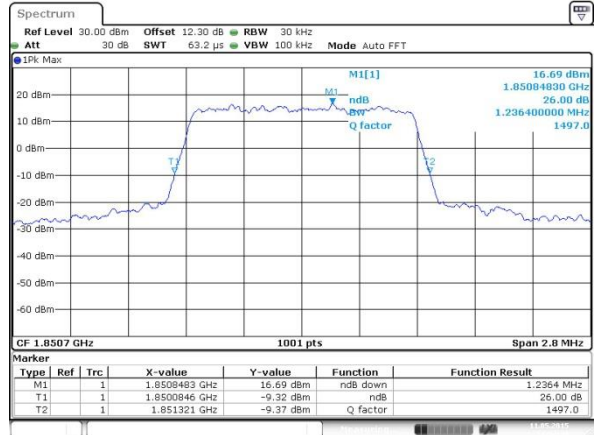
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



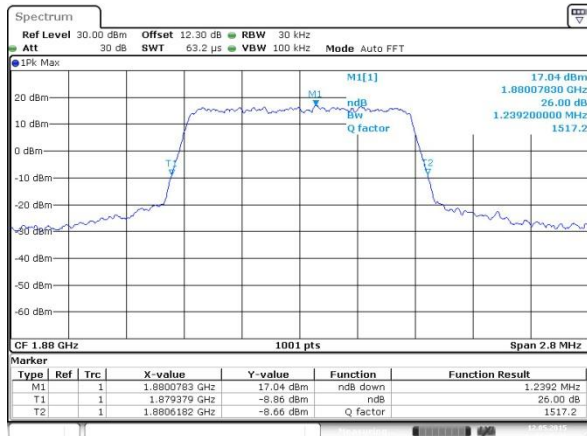
Date: 11 MAY 2015 23:52:17

Lowest Channel / 1.4MHz / 16QAM



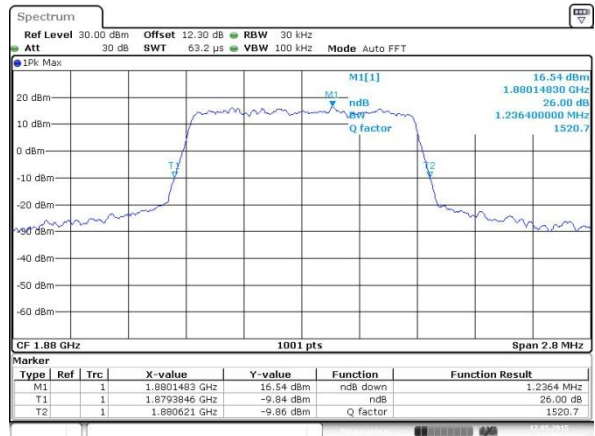
Date: 11 MAY 2015 23:52:29

Middle Channel / 1.4MHz / QPSK



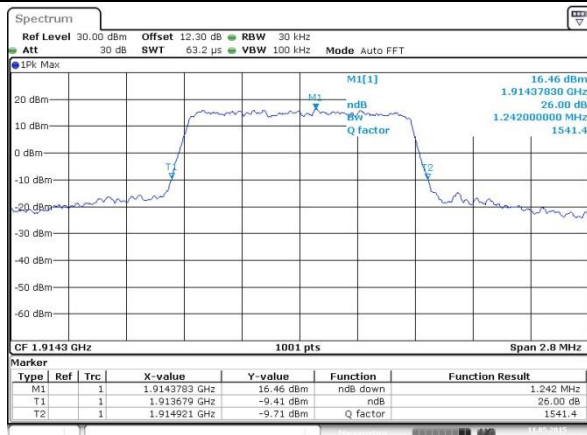
Date: 12 MAY 2015 00:00:08

Middle Channel / 1.4MHz / 16QAM



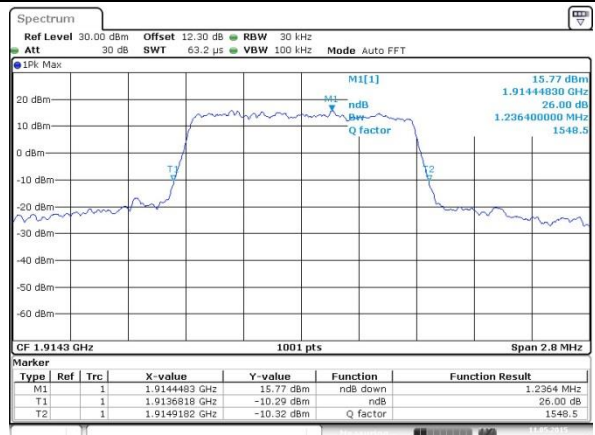
Date: 12 MAY 2015 00:00:21

Highest Channel / 1.4MHz / QPSK



Date: 11 MAY 2015 22:28:18

Highest Channel / 1.4MHz / 16QAM

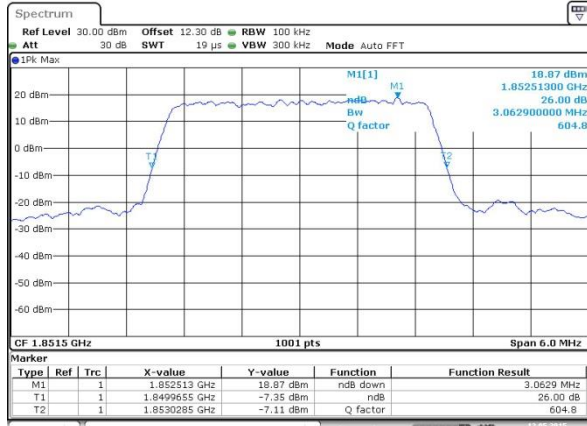


Date: 11 MAY 2015 22:28:05



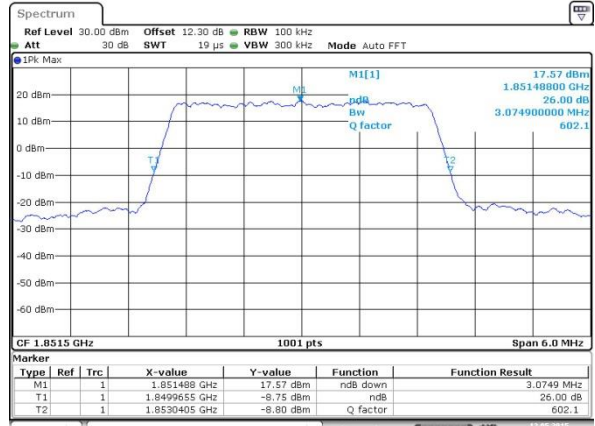
LTE Band 25

Lowest Channel / 3MHz / QPSK



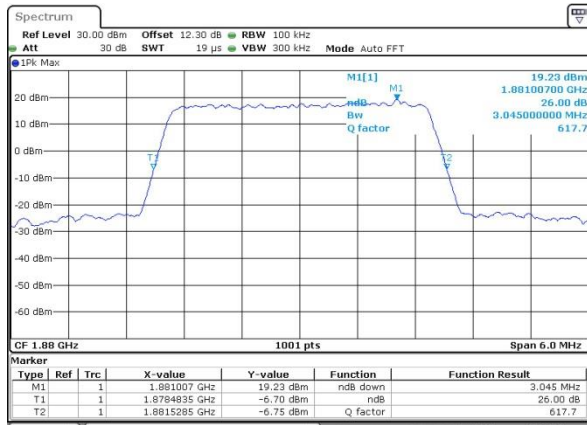
Date: 12 MAY 2015 00:12:20

Lowest Channel / 3MHz / 16QAM



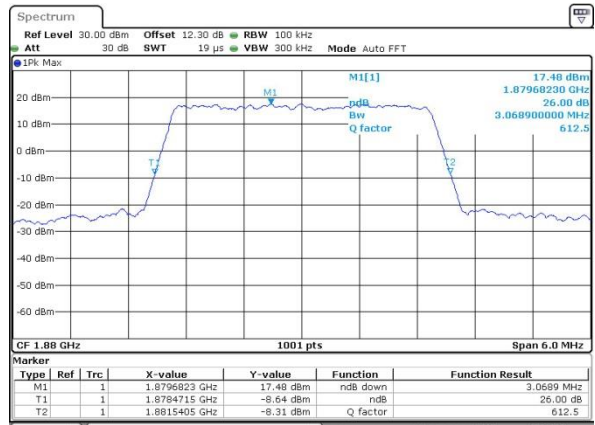
Date: 12 MAY 2015 00:12:35

Middle Channel / 3MHz / QPSK



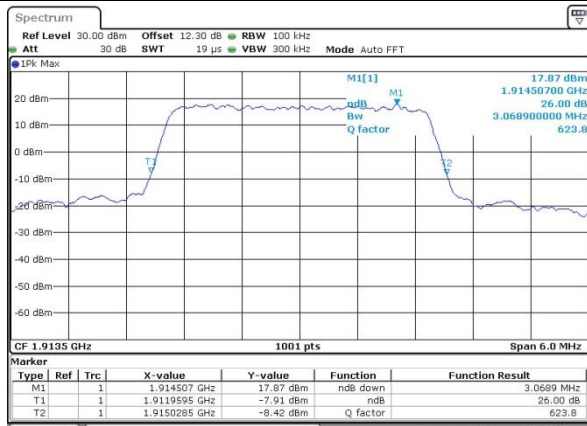
Date: 11 MAY 2015 23:03:47

Middle Channel / 3MHz / 16QAM



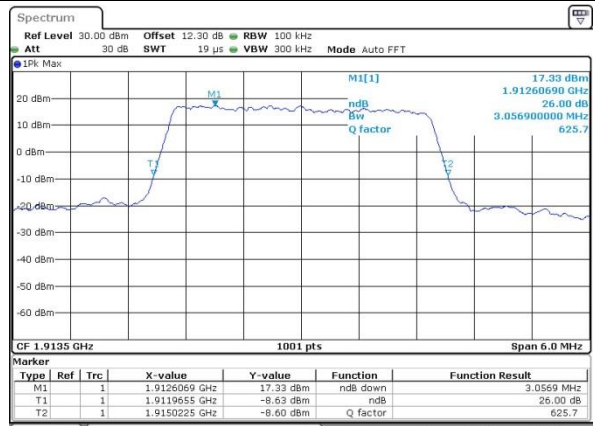
Date: 11 MAY 2015 23:04:00

Highest Channel / 3MHz / QPSK



Date: 11 MAY 2015 21:48:36

Highest Channel / 3MHz / 16QAM

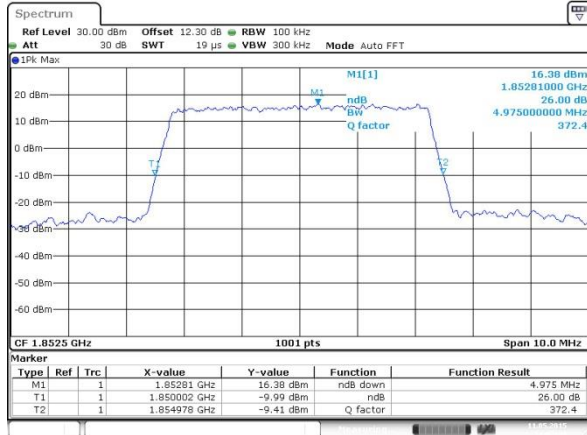


Date: 11 MAY 2015 21:48:23

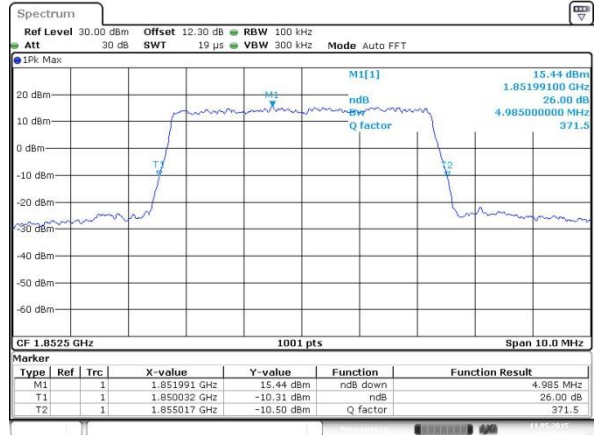


LTE Band 25

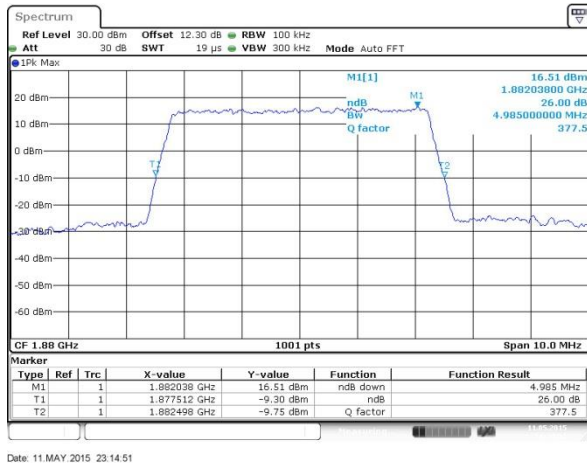
Lowest Channel / 5MHz / QPSK



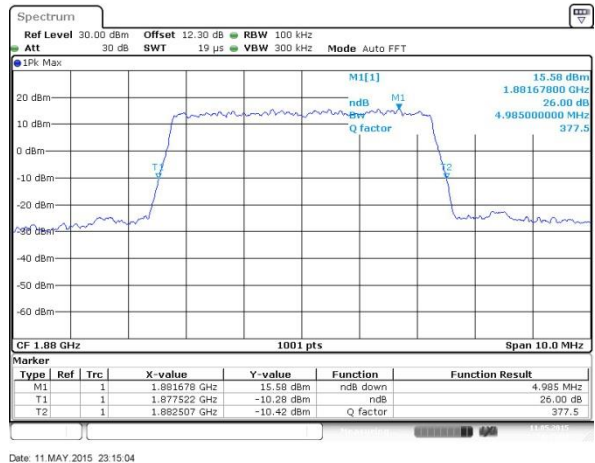
Lowest Channel / 5MHz / 16QAM



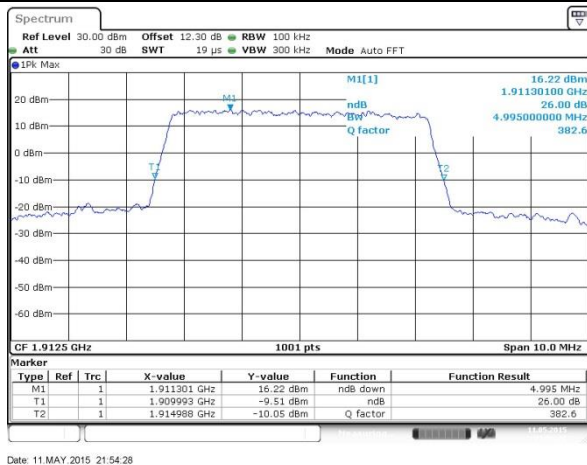
Middle Channel / 5MHz / QPSK



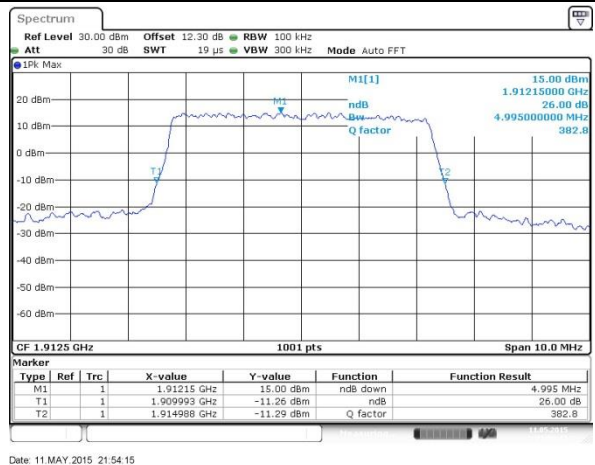
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



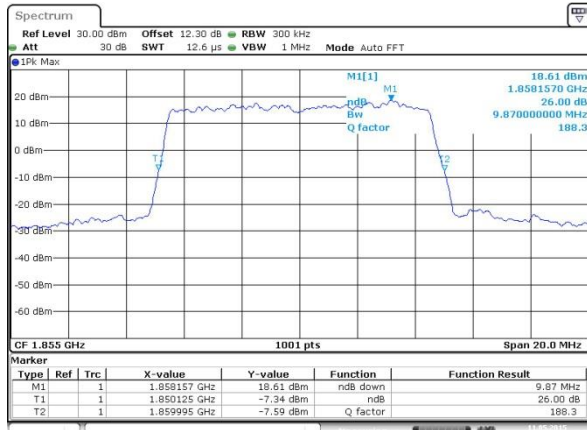
Highest Channel / 5MHz / 16QAM



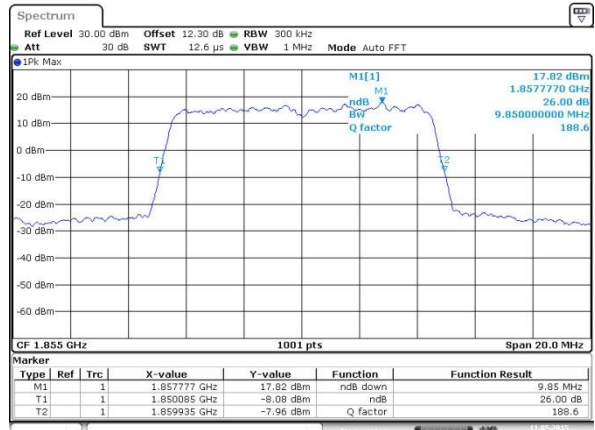


LTE Band 25

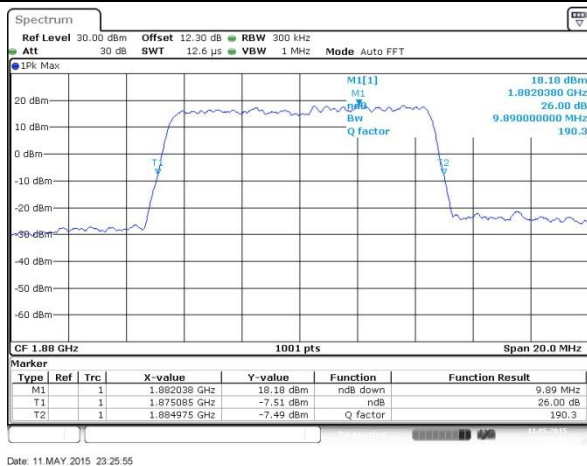
Lowest Channel / 10MHz / QPSK



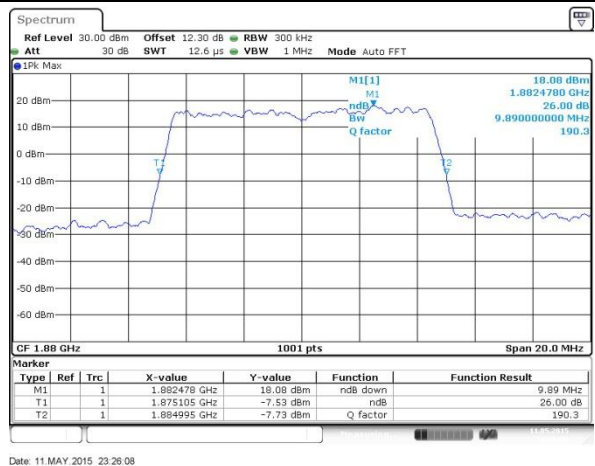
Lowest Channel / 10MHz / 16QAM



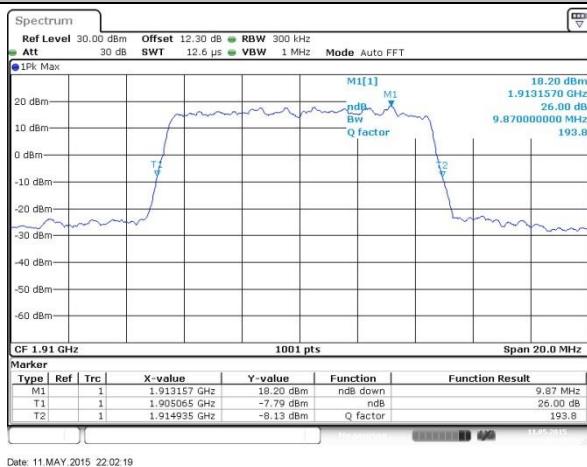
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

