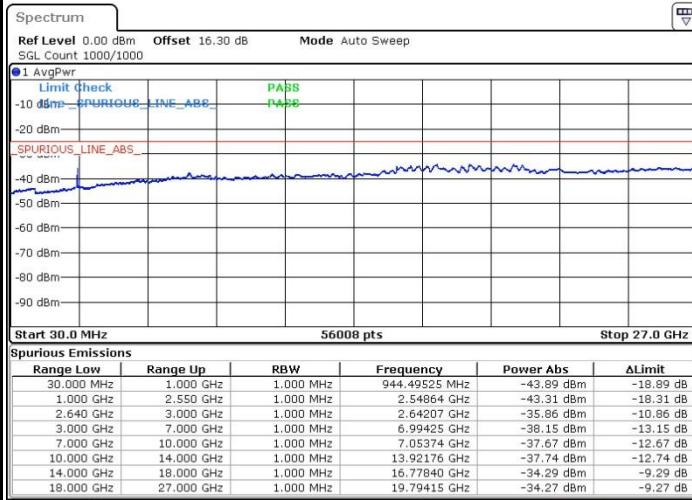




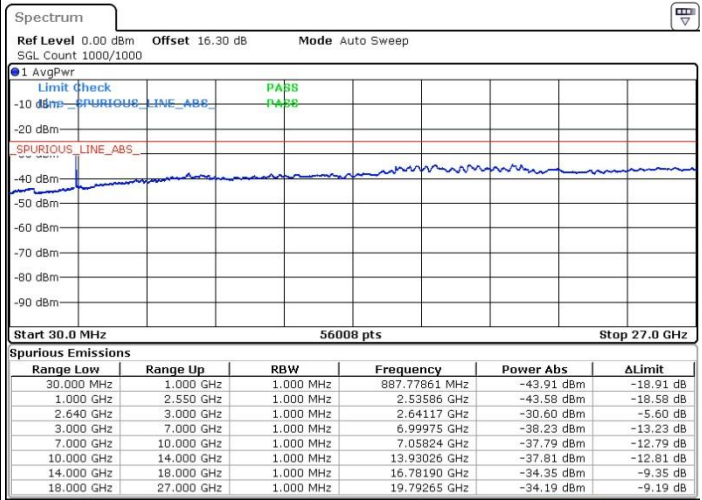
LTE Band 38 / 15MHz

Highest Channel / QPSK



Date: 20 JUN 2016 21:44:01

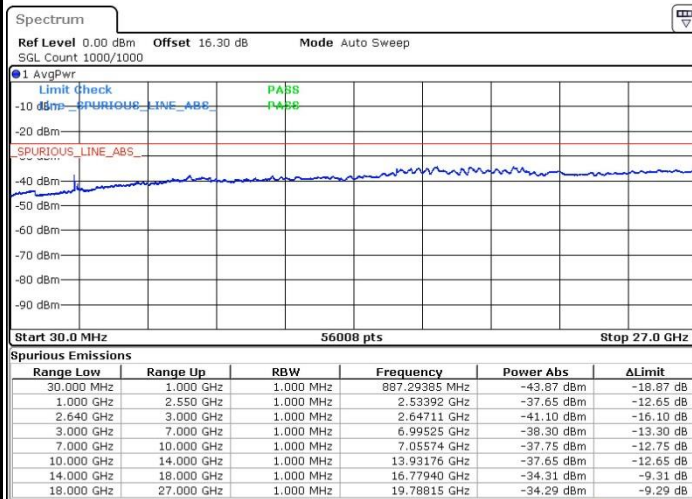
Highest Channel / 16QAM



Date: 20 JUN 2016 21:50:29

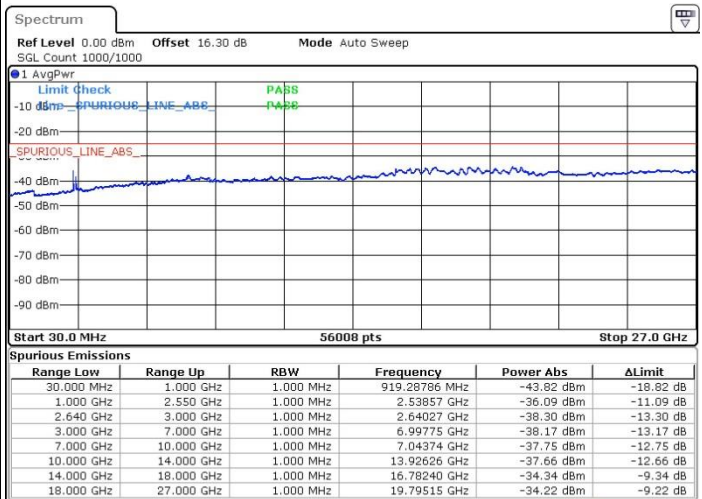
LTE Band 38 / 20MHz

Lowest Channel / QPSK



Date: 20 JUN 2016 22:34:11

Lowest Channel / 16QAM

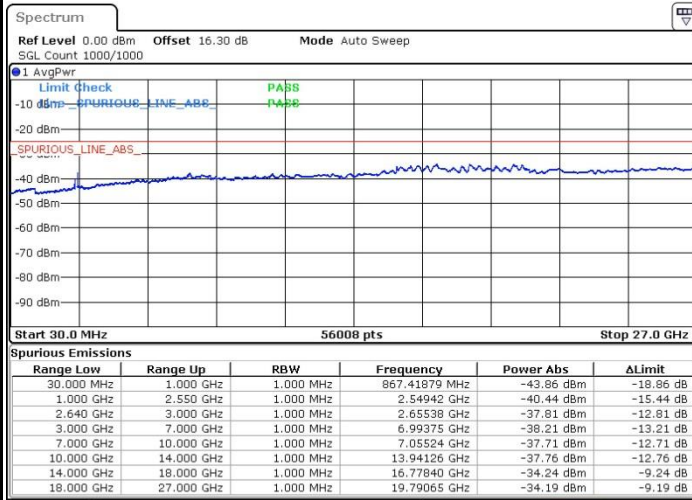


Date: 20 JUN 2016 22:08:06



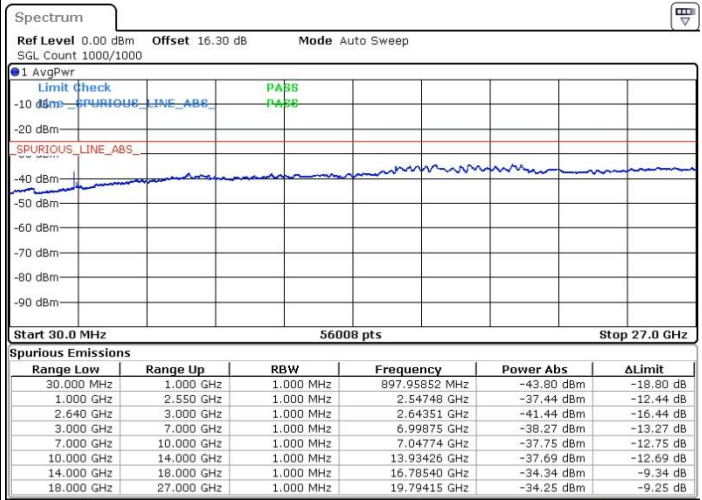
LTE Band 38 / 20MHz

Middle Channel / QPSK



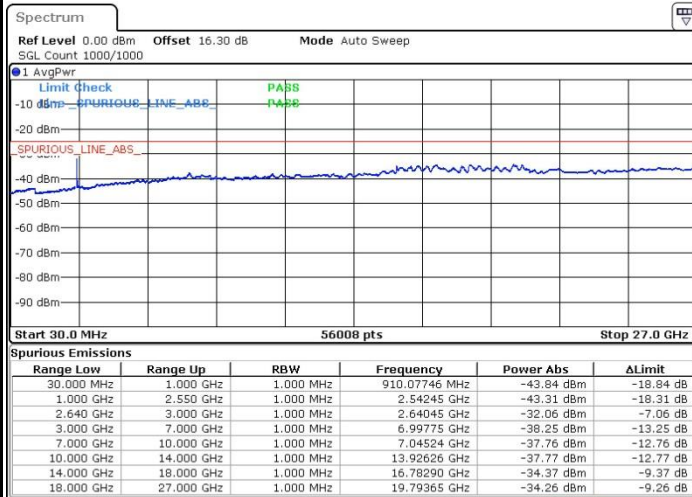
Date: 20 JUN 2016 22:41:35

Middle Channel / 16QAM



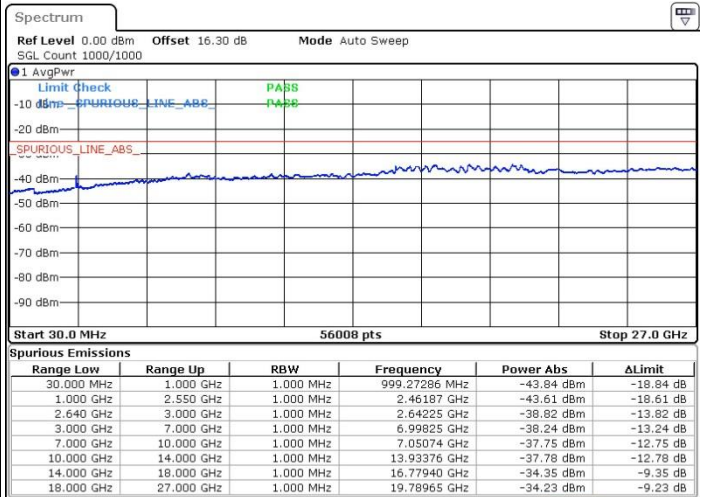
Date: 20 JUN 2016 22:51:56

Highest Channel / QPSK



Date: 20 JUN 2016 23:05:41

Highest Channel / 16QAM



Date: 20 JUN 2016 22:59:04

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0116	PASS
40	Normal Voltage	0.0114	
30	Normal Voltage	0.0107	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0109	
-10	Normal Voltage	0.0106	
-20	Normal Voltage	0.0115	
-30	Normal Voltage	0.0111	
20	Maximum Voltage	0.0115	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0109	

Note:

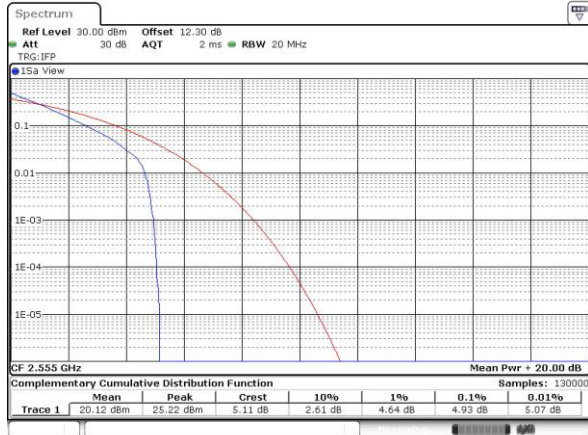
1. Normal Voltage = 3.9 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



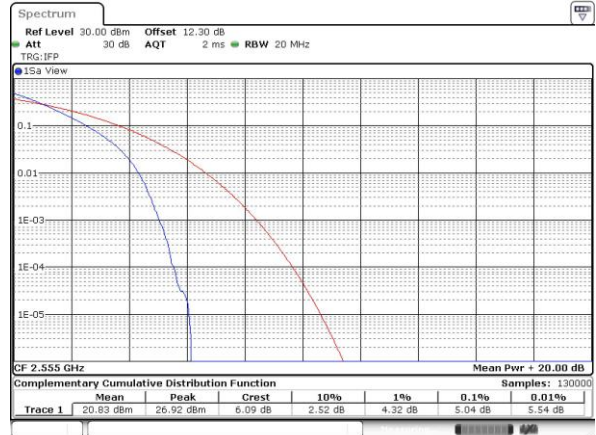
LTE Band 41

Peak-to-Average Ratio

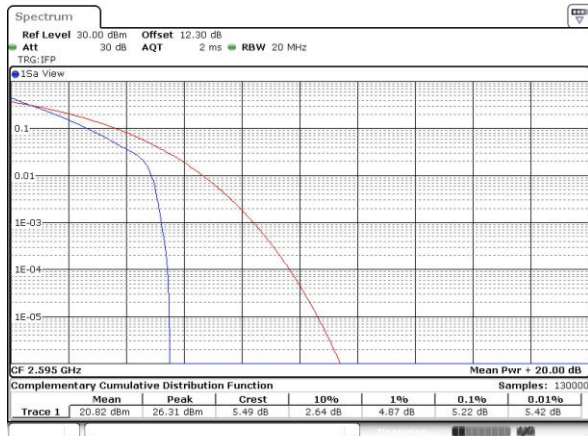
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.93	5.04	5.83	6.03	PASS
Middle CH	5.22	5.48	6.29	6.43	
Highest CH	5.19	5.22	6.29	6.26	

LTE Band 41 / 20MHz / QPSK
Lowest Channel / 1RB


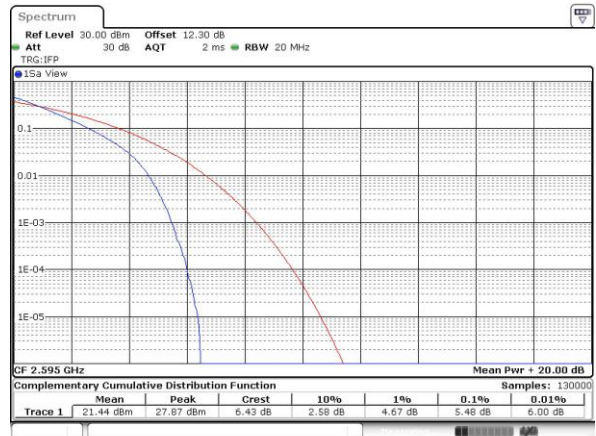
Date: 16 JUN 2016 16:41:00

Lowest Channel / Full RB


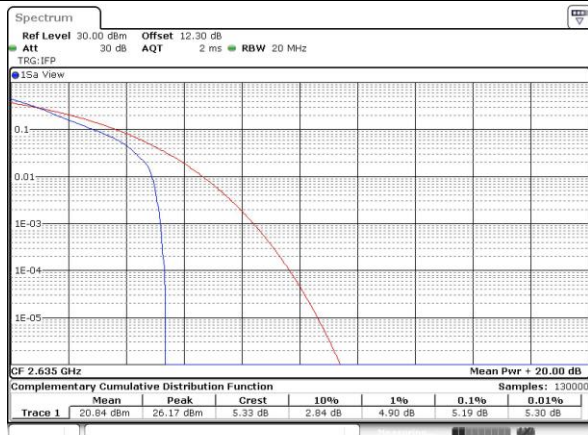
Date: 16 JUN 2016 16:41:19

Middle Channel / 1RB


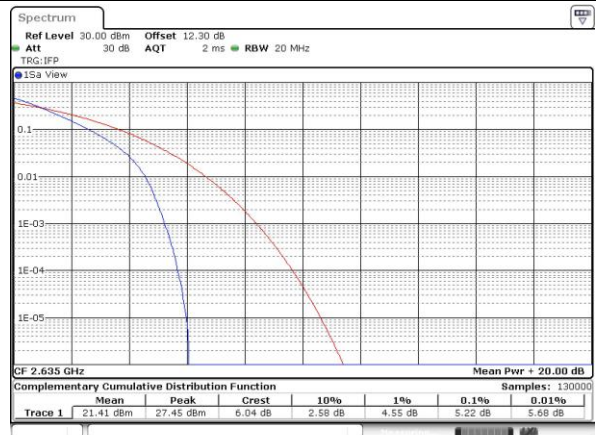
Date: 16 JUN 2016 16:41:39

Middle Channel / Full RB


Date: 16 JUN 2016 16:42:01

Highest Channel / 1RB


Date: 16 JUN 2016 16:42:22

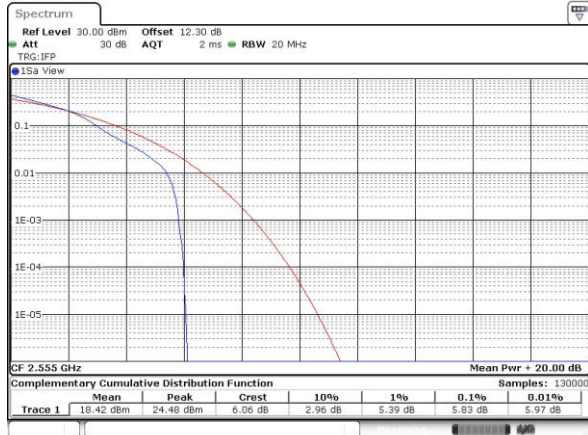
Highest Channel / Full RB


Date: 16 JUN 2016 16:42:20

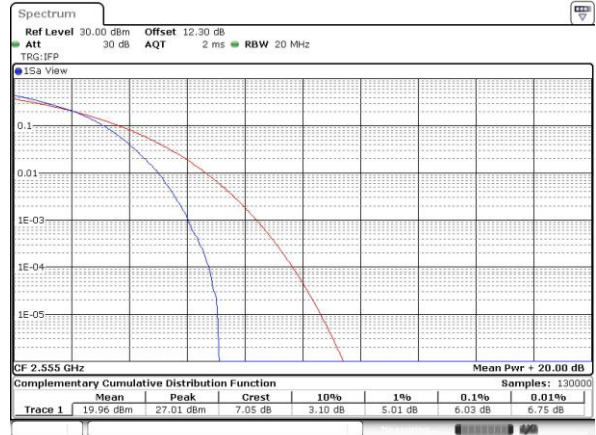


LTE Band 41 / 20MHz / 16QAM

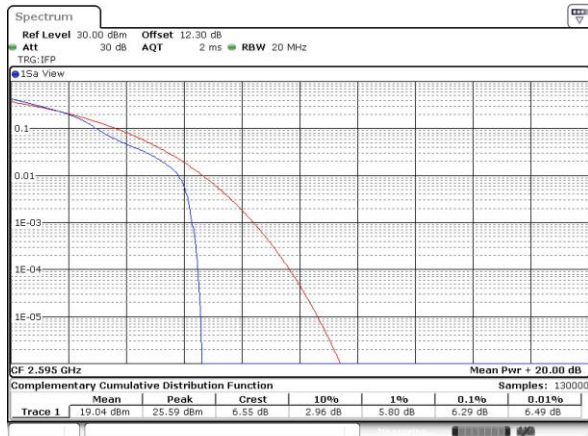
Lowest Channel / 1RB



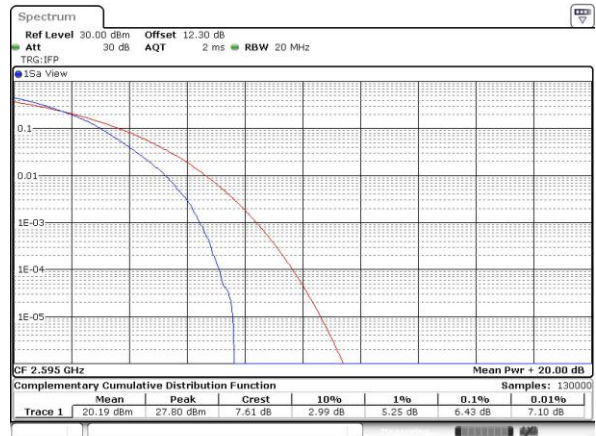
Lowest Channel / Full RB



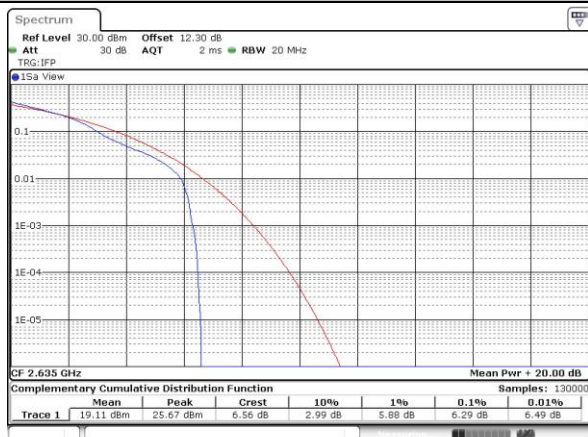
Middle Channel / 1RB



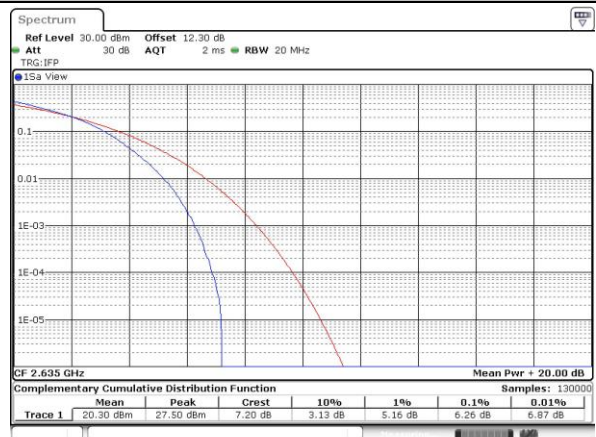
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





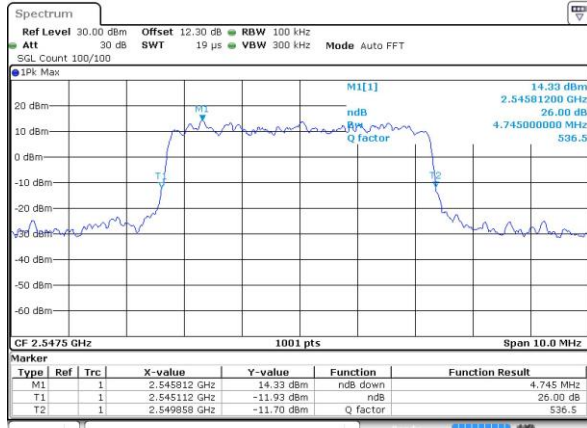
26dB Bandwidth

Mode	LTE Band 41 : 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	-	-	-	-	4.75	4.84	9.91	9.75	14.18	14.27	20.10	20.18
Middle CH	-	-	-	-	4.82	4.98	9.73	9.73	14.09	14.15	20.18	20.02
Highest CH	-	-	-	-	4.74	4.79	9.57	9.81	14.18	14.21	19.94	20.10



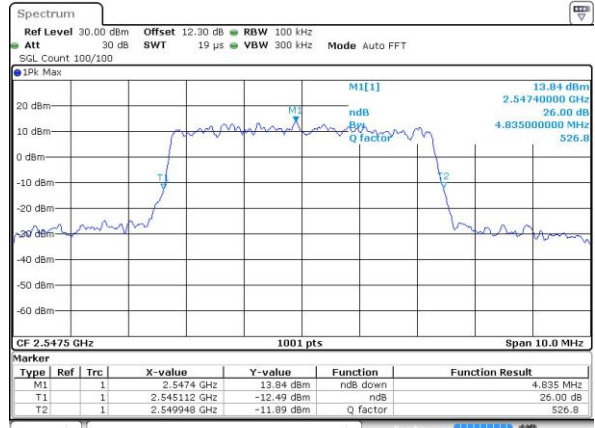
LTE Band 41

Lowest Channel / 5MHz / QPSK



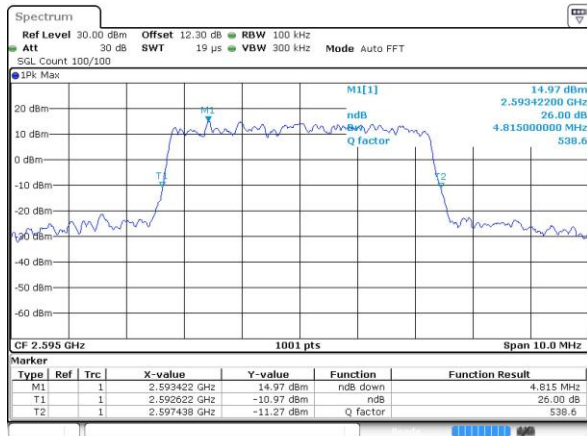
Date: 20 JUN 2016 18:22:35

Lowest Channel / 5MHz / 16QAM



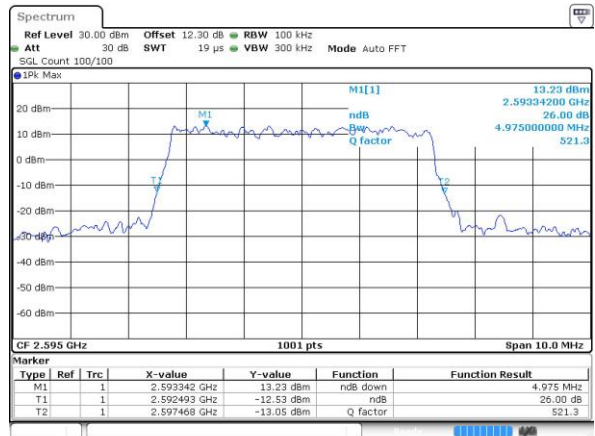
Date: 20 JUN 2016 18:22:46

Middle Channel / 5MHz / QPSK



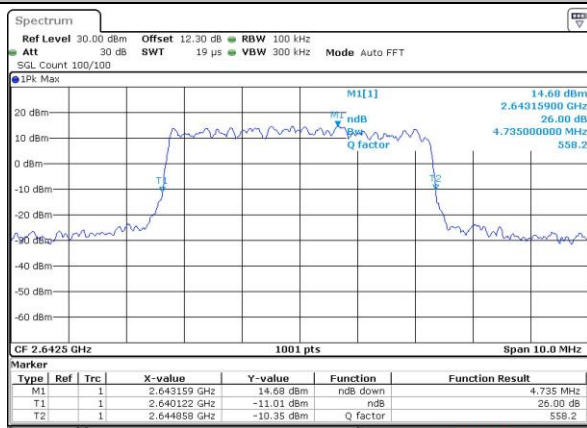
Date: 20 JUN 2016 18:23:17

Middle Channel / 5MHz / 16QAM



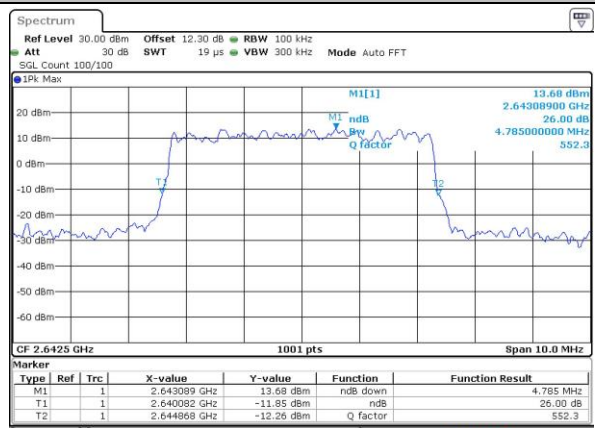
Date: 20 JUN 2016 18:23:28

Highest Channel / 5MHz / QPSK



Date: 20 JUN 2016 18:24:00

Highest Channel / 5MHz / 16QAM

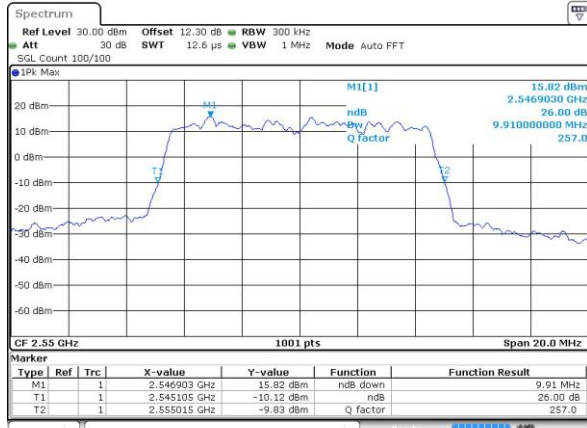


Date: 20 JUN 2016 18:24:10

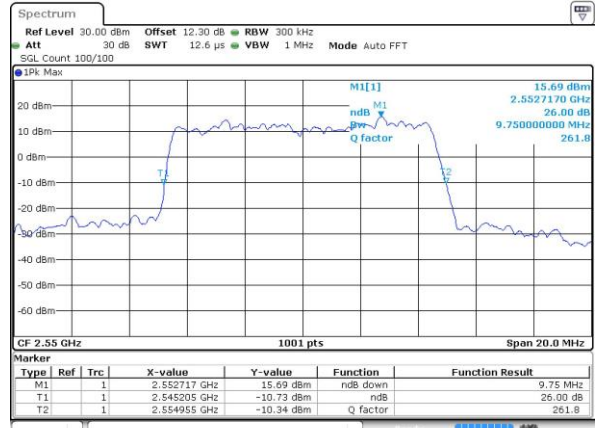


LTE Band 41

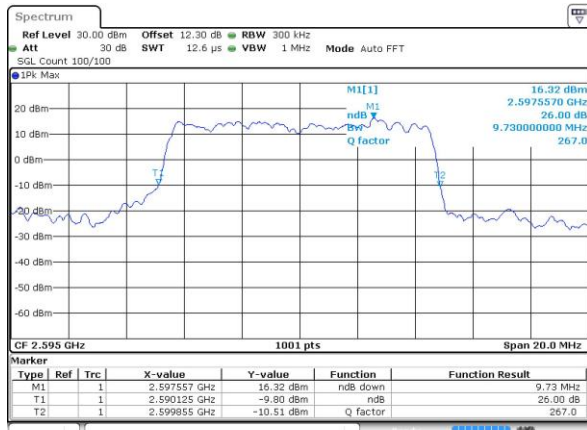
Lowest Channel / 10MHz / QPSK



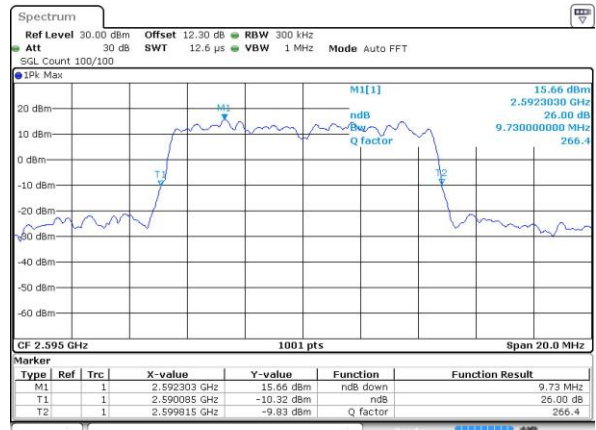
Lowest Channel / 10MHz / 16QAM



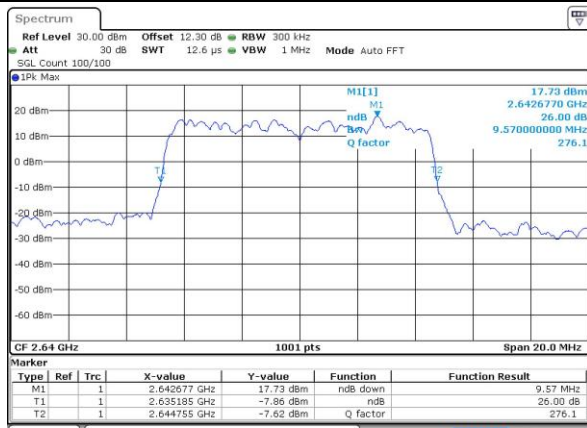
Middle Channel / 10MHz / QPSK



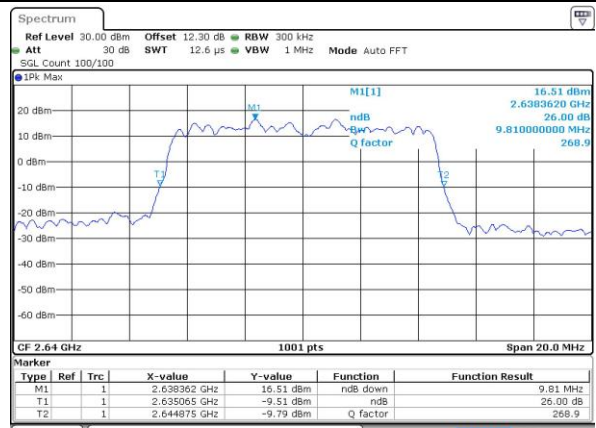
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM





LTE Band 41

Lowest Channel / 15MHz / QPSK



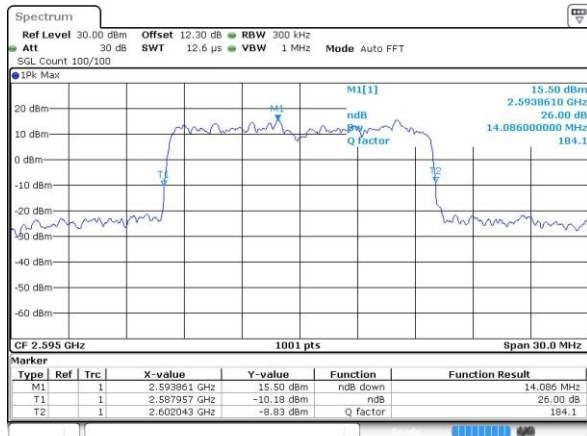
Date: 20 JUN 2016 18:26:49

Lowest Channel / 15MHz / 16QAM



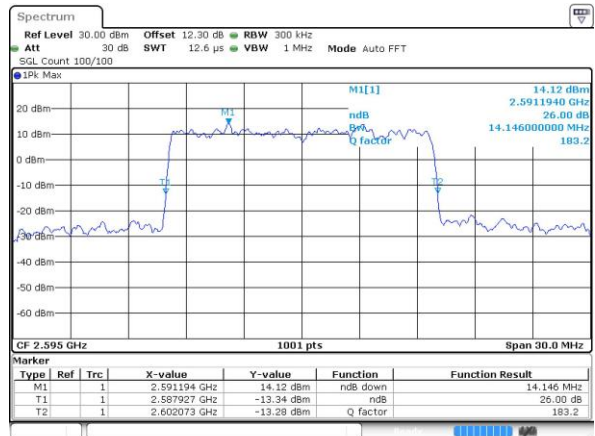
Date: 20 JUN 2016 18:26:59

Middle Channel / 15MHz / QPSK



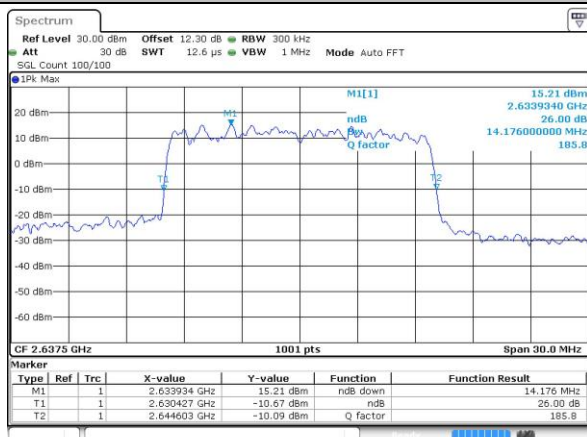
Date: 20 JUN 2016 18:27:31

Middle Channel / 15MHz / 16QAM



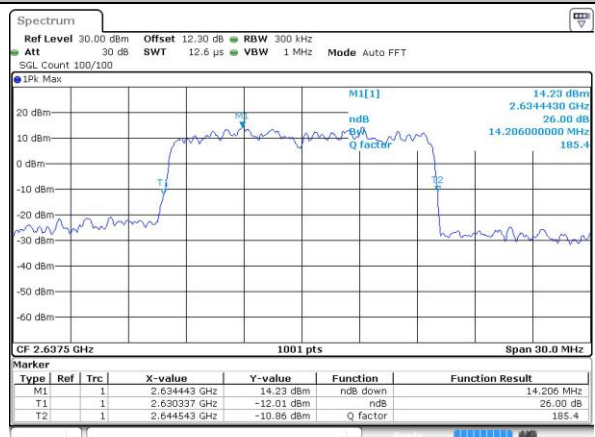
Date: 20 JUN 2016 18:27:42

Highest Channel / 15MHz / QPSK



Date: 20 JUN 2016 18:28:13

Highest Channel / 15MHz / 16QAM

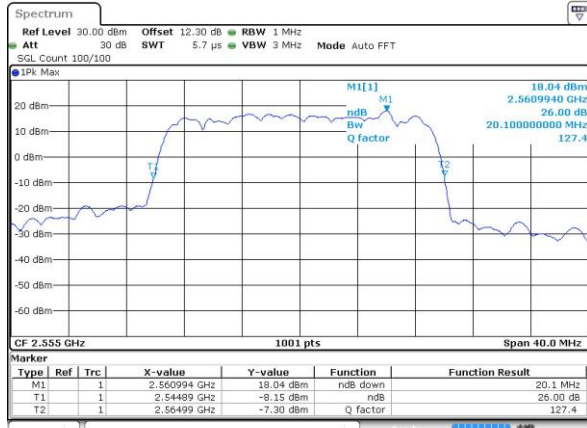


Date: 20 JUN 2016 18:28:24

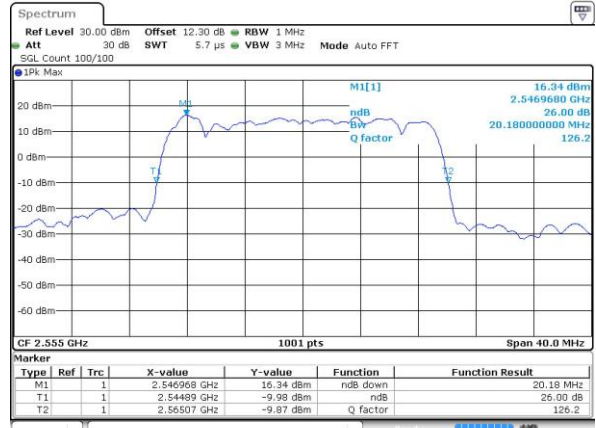


LTE Band 41

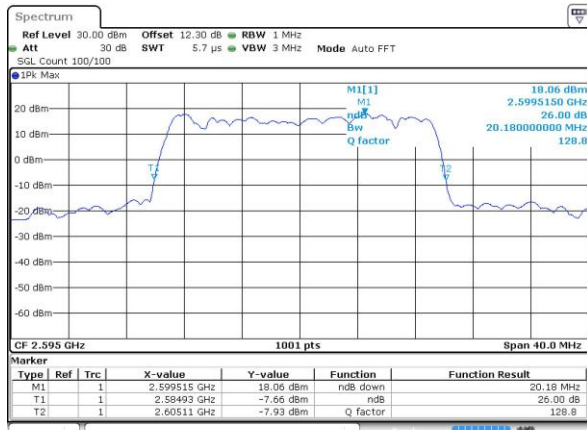
Lowest Channel / 20MHz / QPSK



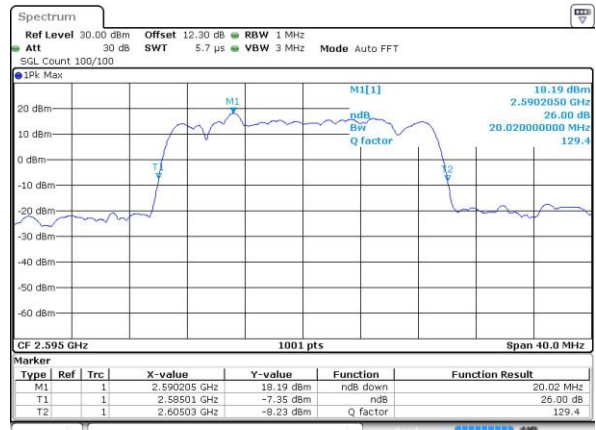
Lowest Channel / 20MHz / 16QAM



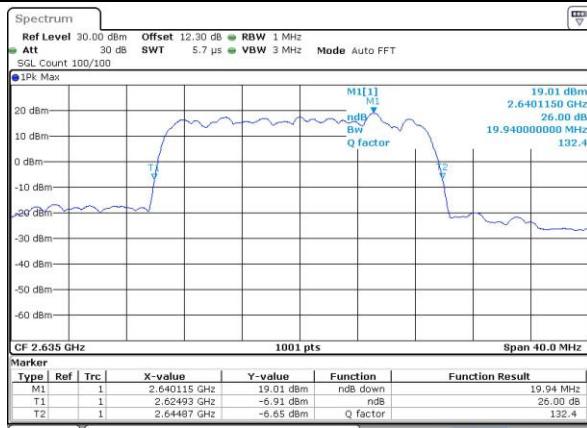
Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

