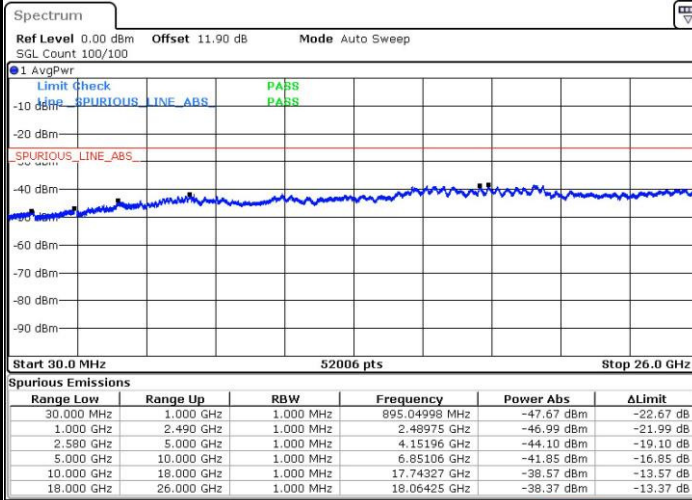




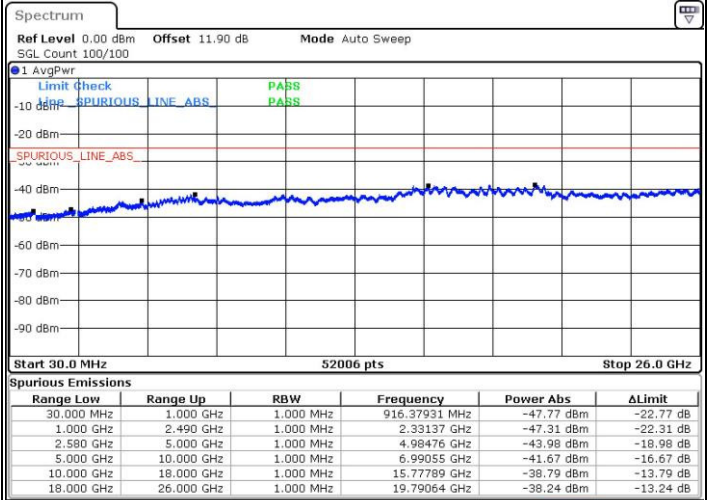
LTE Band 7 / 20MHz

Middle Channel / QPSK



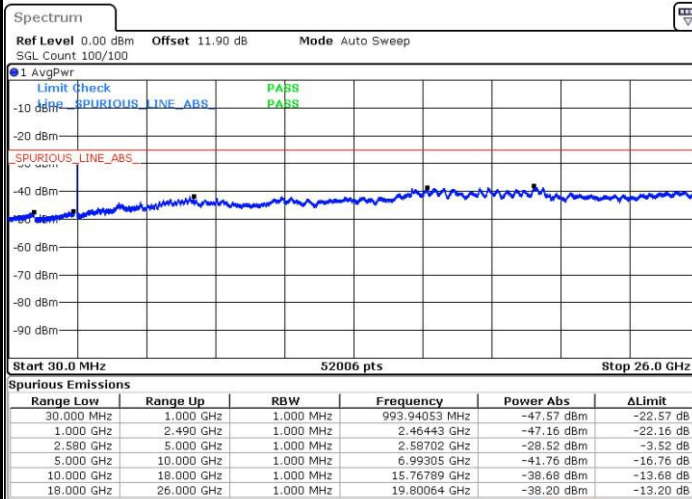
Date: 15 DEC 2016 22:17:39

Middle Channel / 16QAM



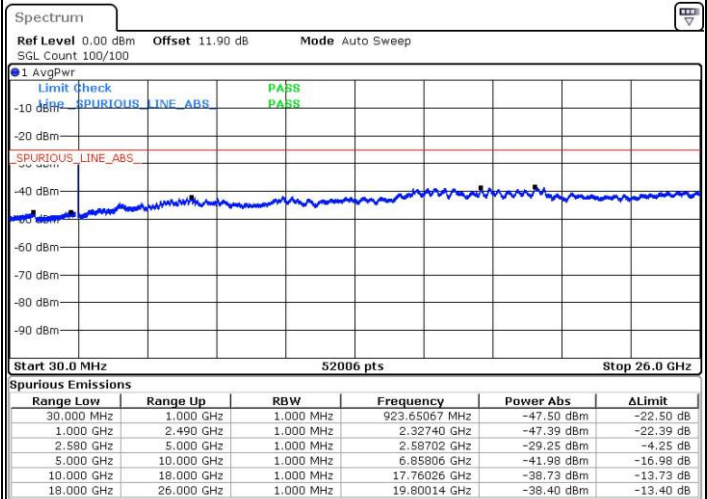
Date: 15 DEC 2016 22:18:32

Highest Channel / QPSK



Date: 15 DEC 2016 22:24:46

Highest Channel / 16QAM



Date: 15 DEC 2016 22:25:40

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0142	PASS
40	Normal Voltage	0.0148	
30	Normal Voltage	0.0148	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0148	
-10	Normal Voltage	0.0144	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0145	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0136	

Note:

1. Normal Voltage =3.8 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.



LTE Band 41

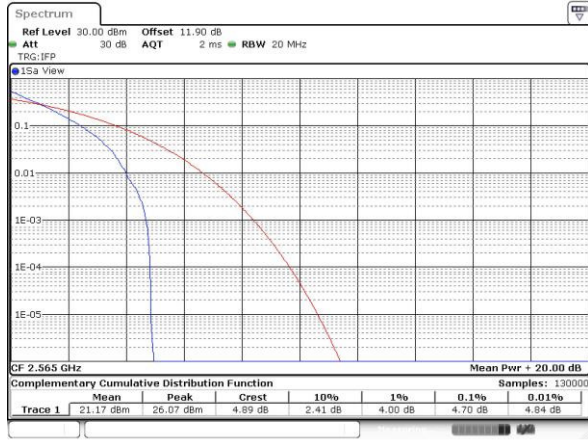
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.7	5.3	5.42	6.17	PASS
Middle CH	4.58	5.28	5.74	6.12	
Highest CH	4.7	5.3	5.39	6.23	

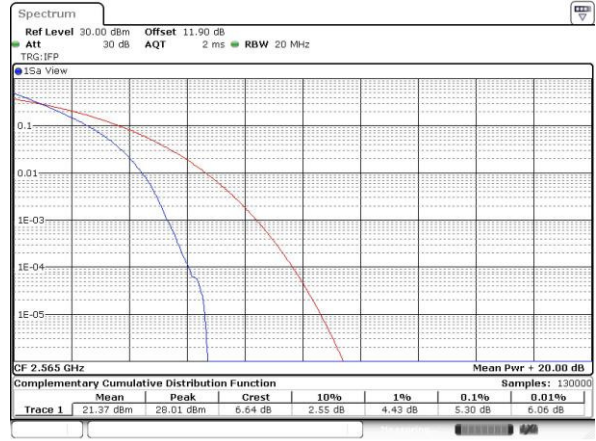


LTE Band 41 / 20MHz / QPSK

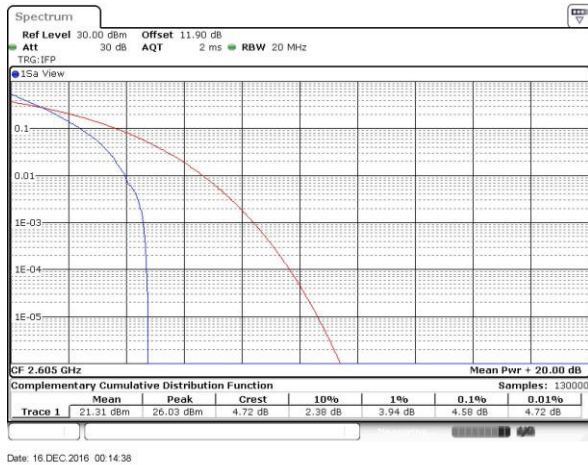
Lowest Channel / 1RB



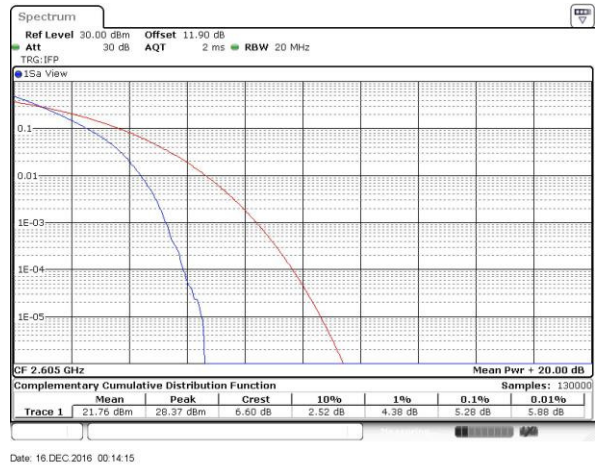
Lowest Channel / Full RB



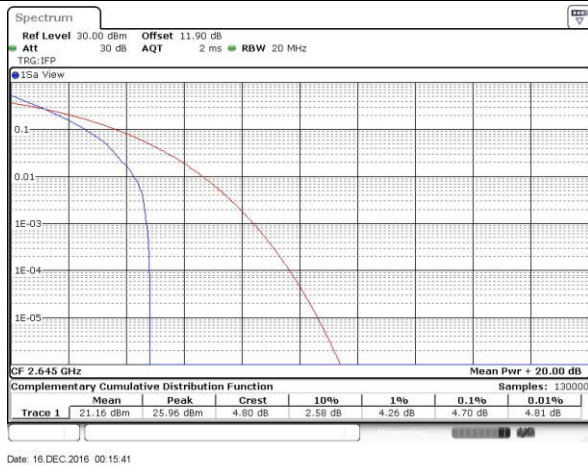
Middle Channel / 1RB



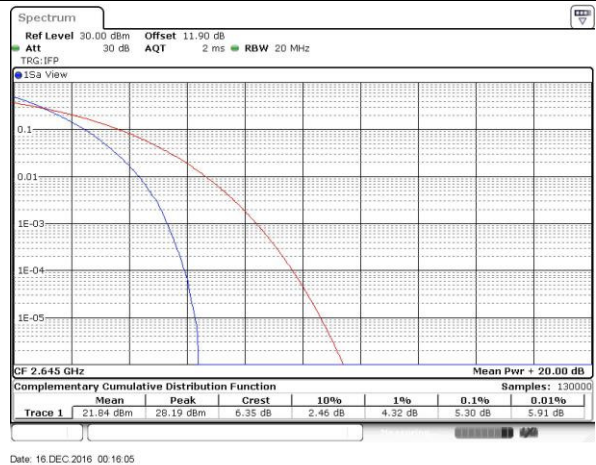
Middle Channel / Full RB



Highest Channel / 1RB



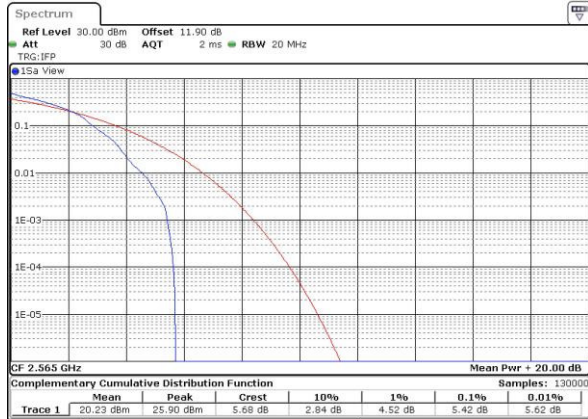
Highest Channel / Full RB





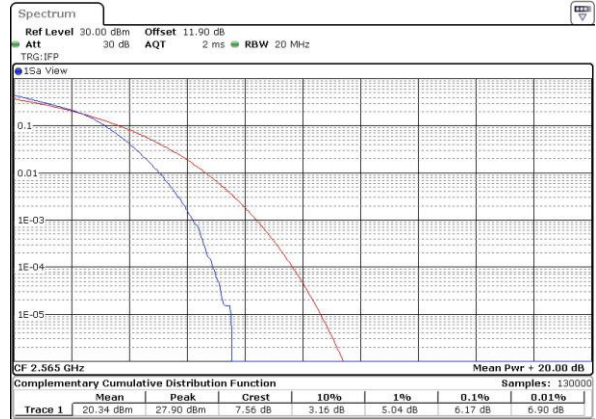
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



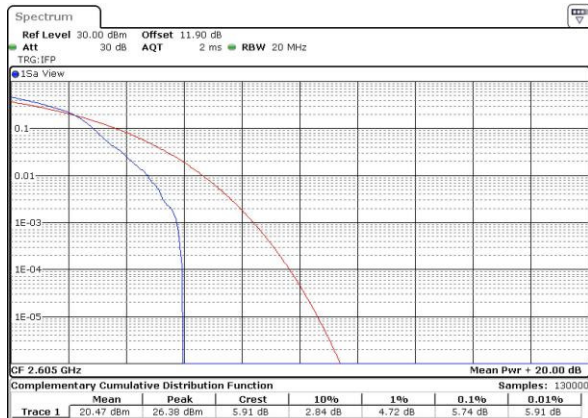
Date: 16 DEC 2016 00:11:39

Lowest Channel / Full RB



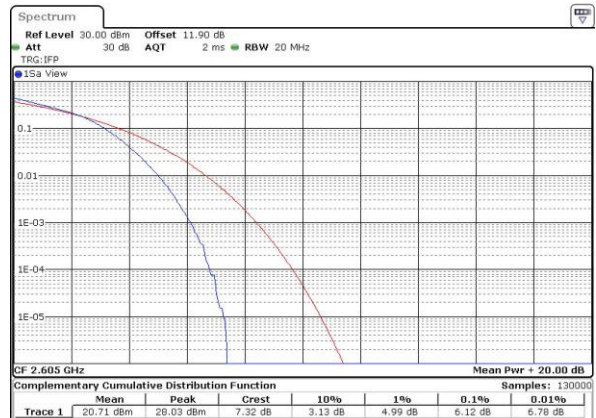
Date: 16 DEC 2016 00:13:27

Middle Channel / 1RB



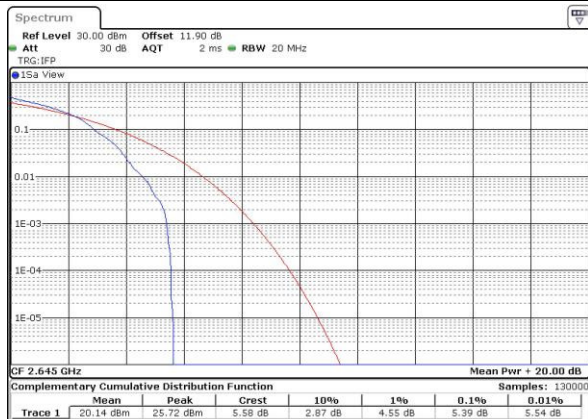
Date: 16 DEC 2016 00:14:58

Middle Channel / Full RB



Date: 16 DEC 2016 00:15:52

Highest Channel / 1RB



Date: 16 DEC 2016 00:15:19

Highest Channel / Full RB



Date: 16 DEC 2016 00:17:05

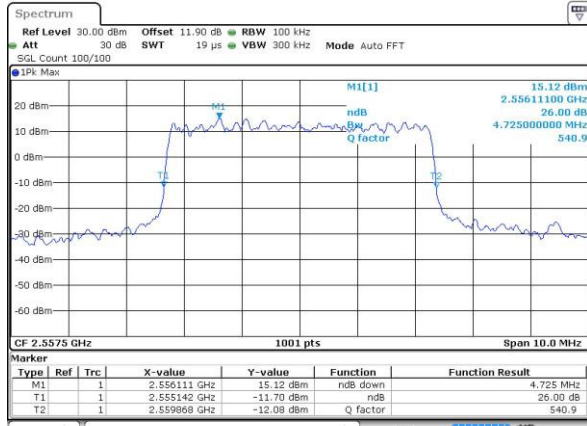
**26dB Bandwidth**

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	-	-	-	-	4.725	5.025	9.81	9.73	14.296	14.386	20.06	20.06
Middle CH	-	-	-	-	4.855	4.965	9.99	9.63	14.266	14.446	20.14	20.22
Highest CH	-	-	-	-	5.015	4.925	9.67	9.81	14.386	14.625	20.26	20.22



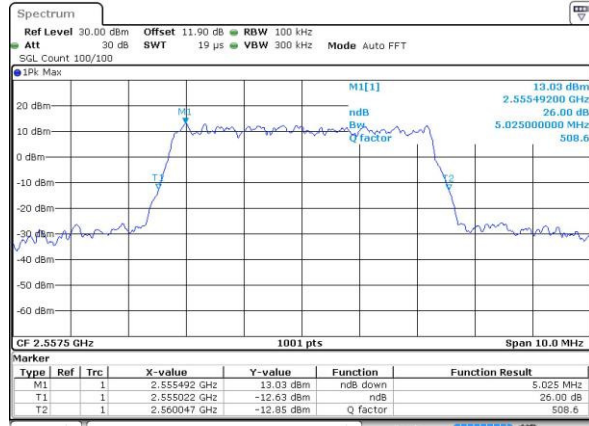
LTE Band 41

Lowest Channel / 5MHz / QPSK



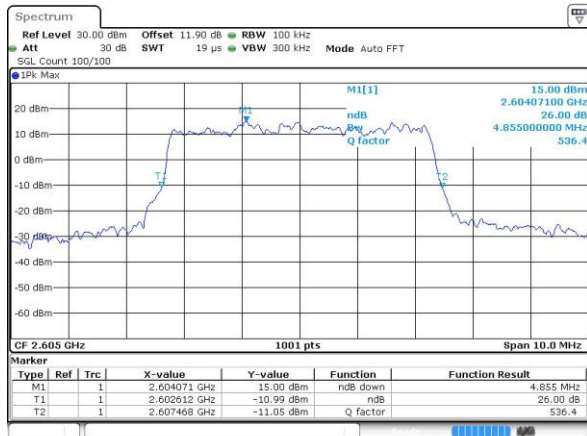
Date: 15 DEC 2016 22:57:43

Lowest Channel / 5MHz / 16QAM



Date: 15 DEC 2016 22:57:53

Middle Channel / 5MHz / QPSK



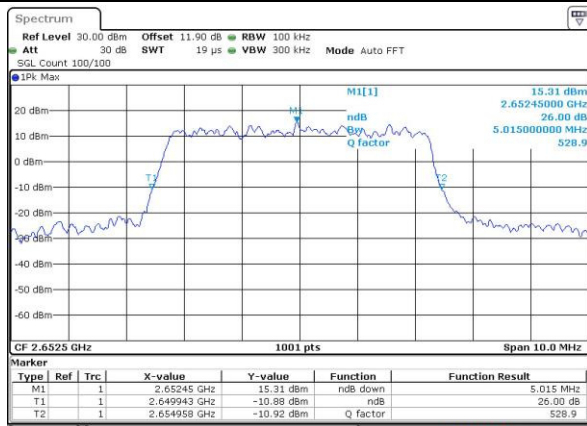
Date: 15 DEC 2016 22:58:24

Middle Channel / 5MHz / 16QAM



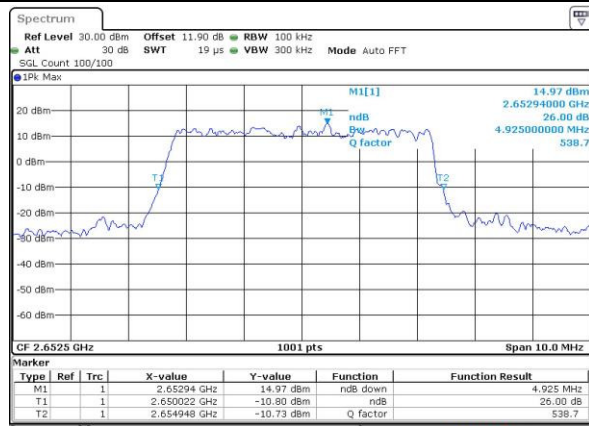
Date: 15 DEC 2016 22:58:34

Highest Channel / 5MHz / QPSK



Date: 15 DEC 2016 22:58:05

Highest Channel / 5MHz / 16QAM

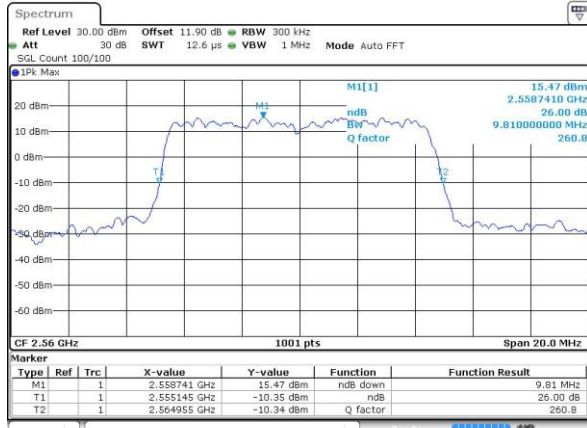


Date: 15 DEC 2016 22:58:16



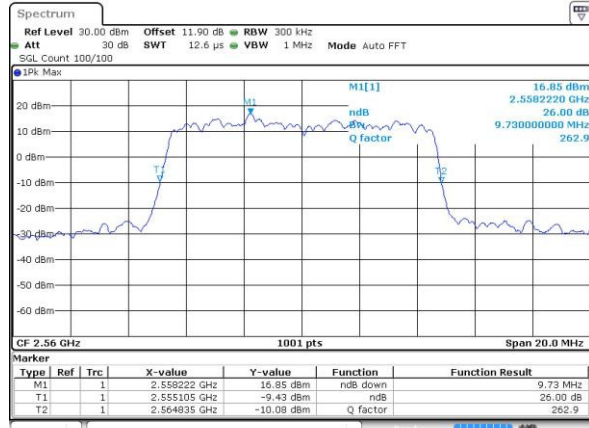
LTE Band 41

Lowest Channel / 10MHz / QPSK



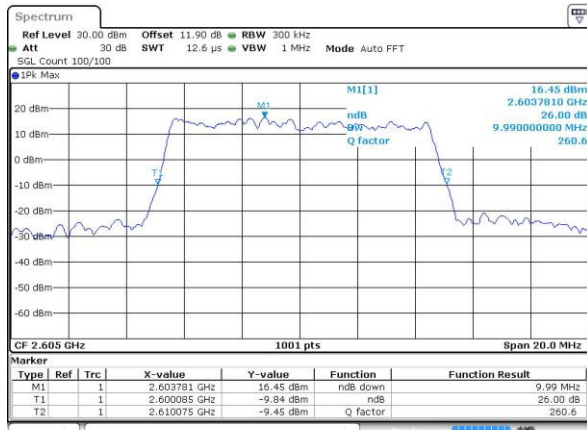
Date: 15 DEC 2016 22:58:47

Lowest Channel / 10MHz / 16QAM



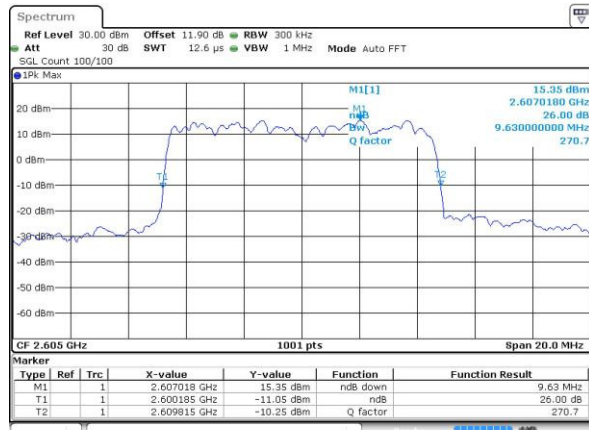
Date: 15 DEC 2016 22:59:57

Middle Channel / 10MHz / QPSK



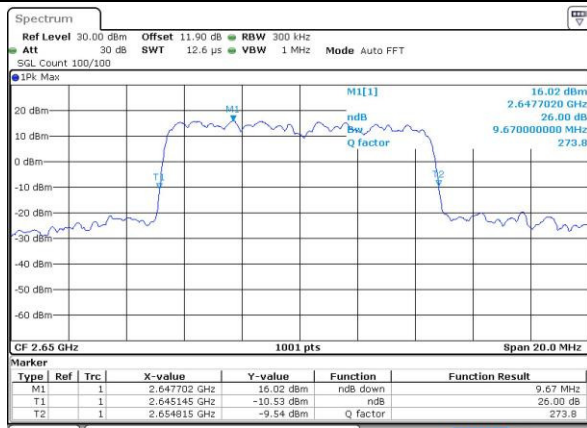
Date: 15 DEC 2016 23:00:28

Middle Channel / 10MHz / 16QAM



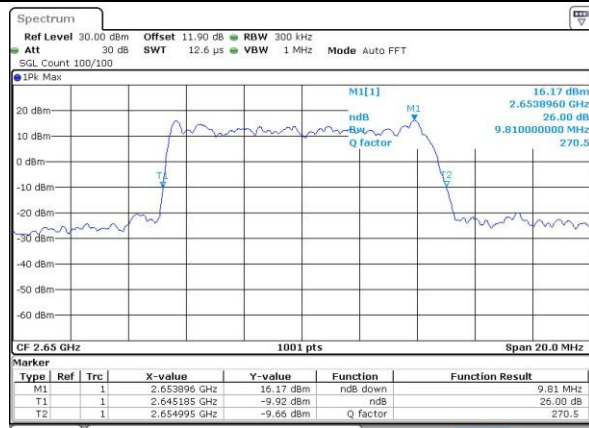
Date: 15 DEC 2016 23:00:39

Highest Channel / 10MHz / QPSK



Date: 15 DEC 2016 23:01:10

Highest Channel / 10MHz / 16QAM

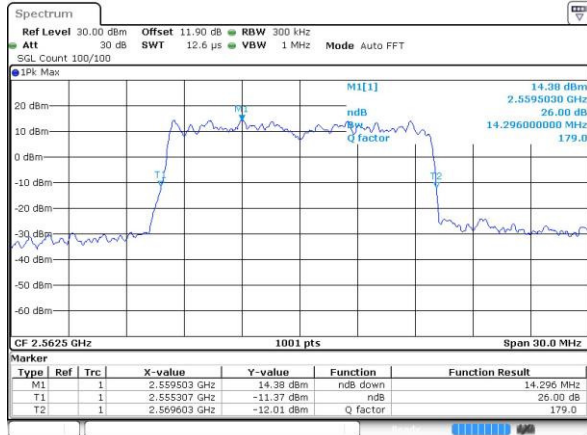


Date: 15 DEC 2016 23:01:20



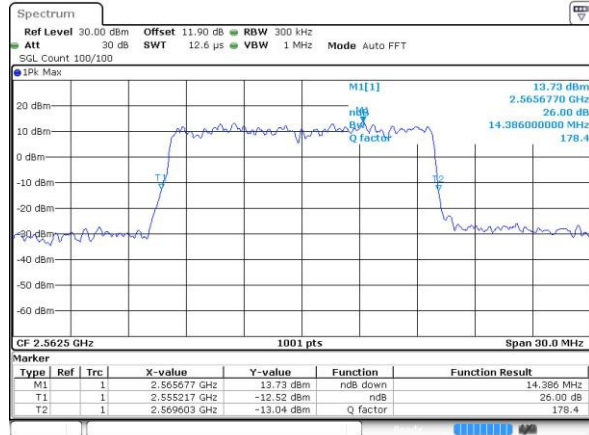
LTE Band 41

Lowest Channel / 15MHz / QPSK



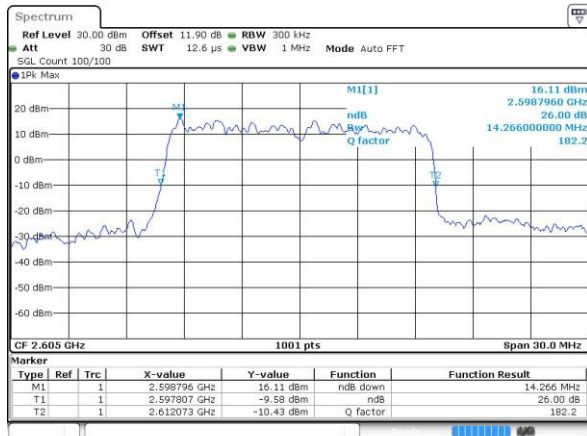
Date: 15 DEC 2016 23 01:51

Lowest Channel / 15MHz / 16QAM



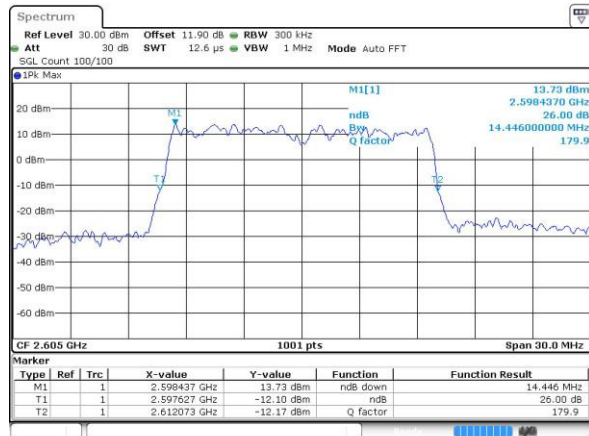
Date: 15 DEC 2016 23 02:01

Middle Channel / 15MHz / QPSK



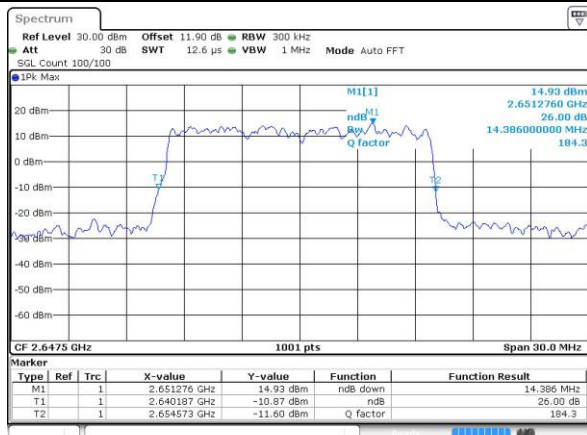
Date: 15 DEC 2016 23 02:32

Middle Channel / 15MHz / 16QAM



Date: 15 DEC 2016 23 02:43

Highest Channel / 15MHz / QPSK



Date: 15 DEC 2016 23 03:14

Highest Channel / 15MHz / 16QAM

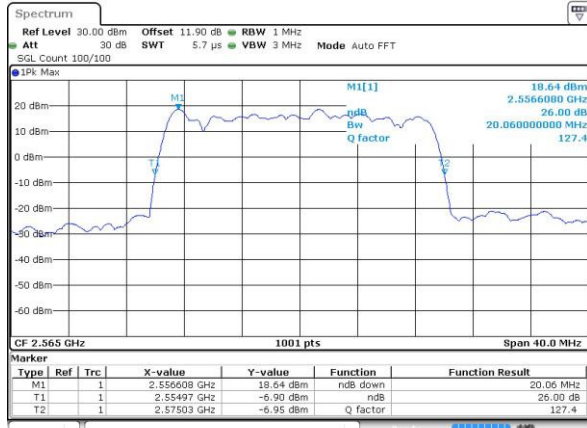


Date: 15 DEC 2016 23 03:24

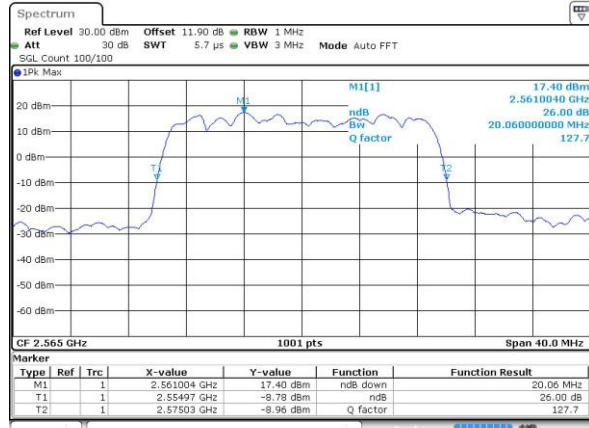


LTE Band 41

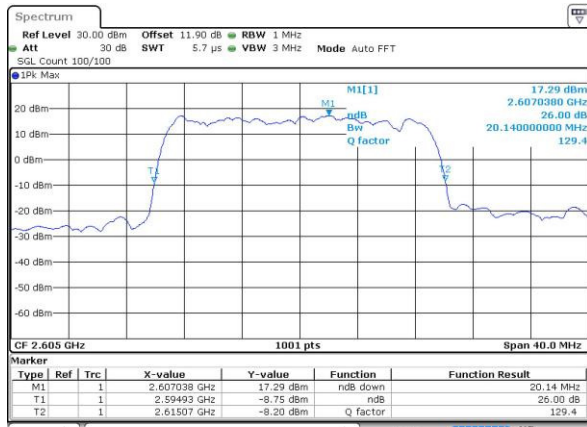
Lowest Channel / 20MHz / QPSK



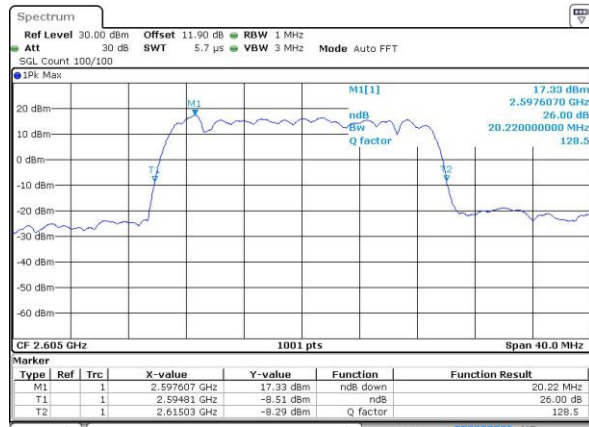
Lowest Channel / 20MHz / 16QAM



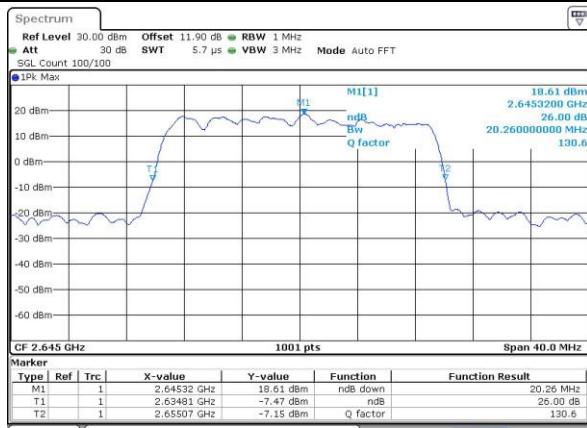
Middle Channel / 20MHz / QPSK



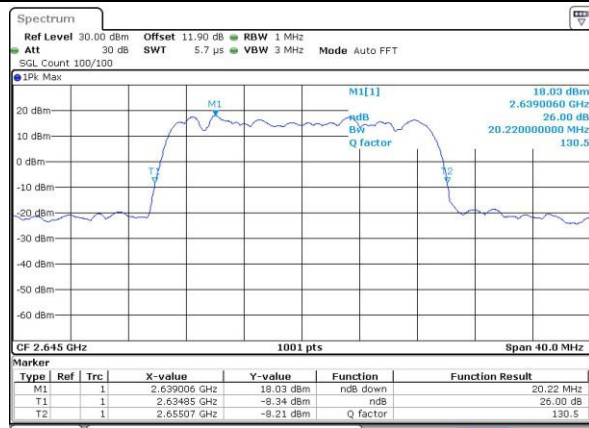
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



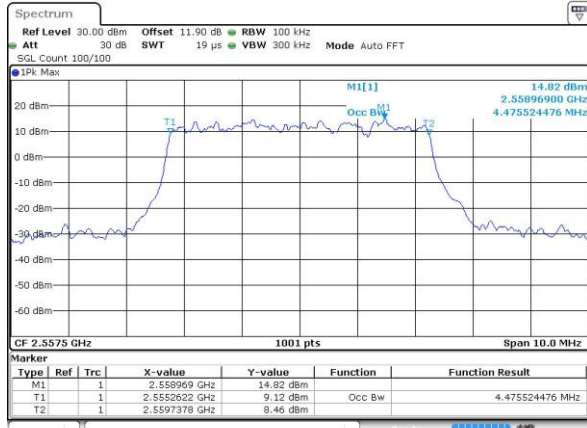
**Occupied Bandwidth**

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.48	4.5	9.01	9.01	13.46	13.43	18.38	18.3
Middle CH	-	-	-	-	4.5	4.51	8.99	9.03	13.43	13.49	18.34	18.34
Highest CH	-	-	-	-	4.52	4.49	9.09	8.99	13.43	13.37	18.46	18.5



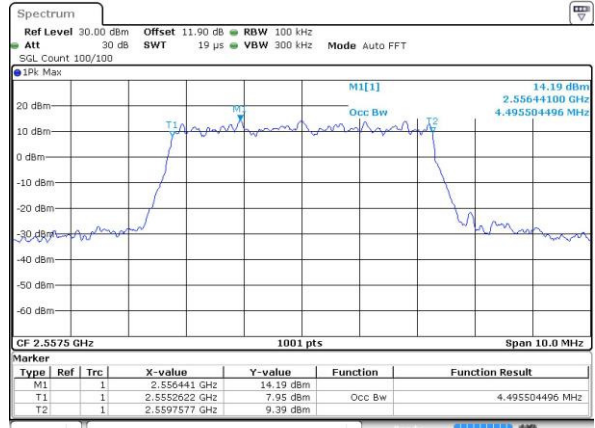
LTE Band 41

Lowest Channel / 5MHz / QPSK



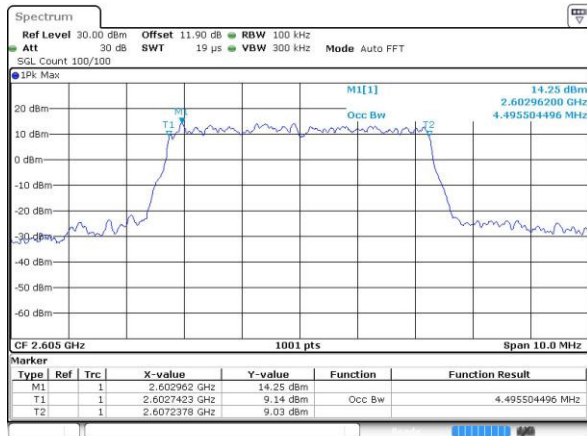
Date: 15 DEC 2016 22:57:22

Lowest Channel / 5MHz / 16QAM



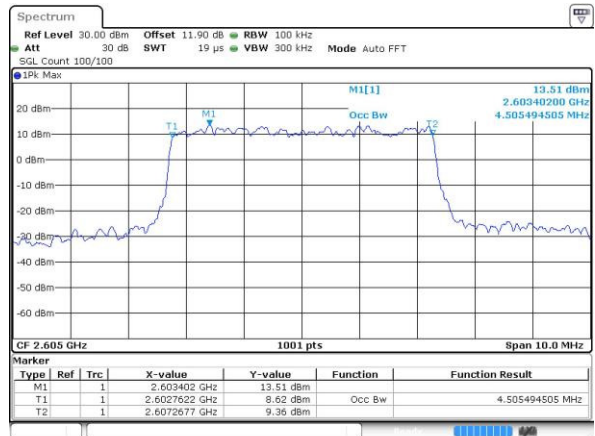
Date: 15 DEC 2016 22:57:32

Middle Channel / 5MHz / QPSK



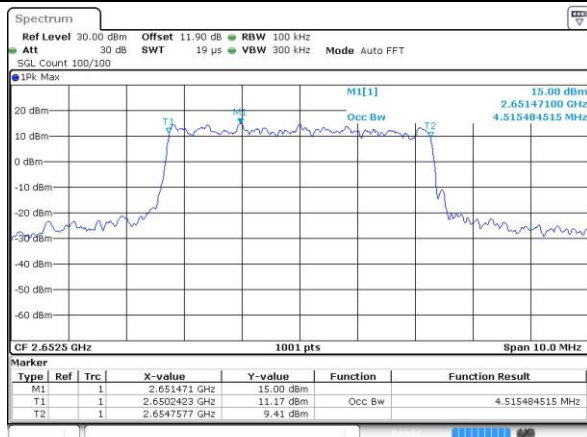
Date: 15 DEC 2016 22:58:03

Middle Channel / 5MHz / 16QAM



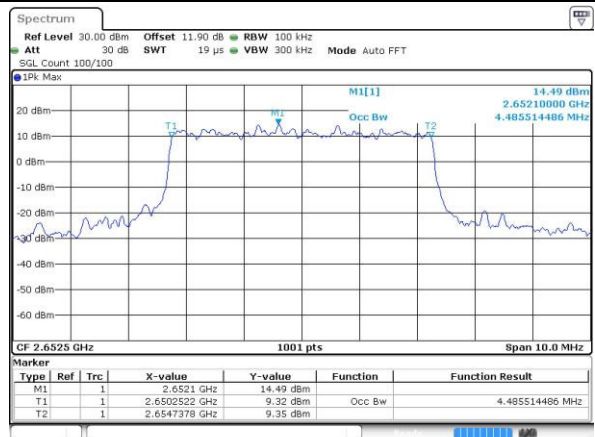
Date: 15 DEC 2016 22:58:14

Highest Channel / 5MHz / QPSK



Date: 15 DEC 2016 22:58:45

Highest Channel / 5MHz / 16QAM

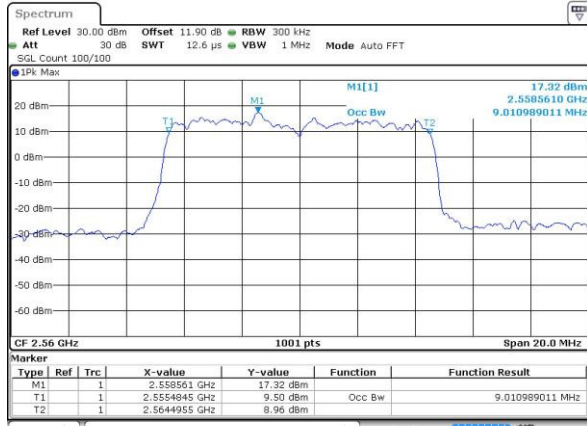


Date: 15 DEC 2016 22:58:55



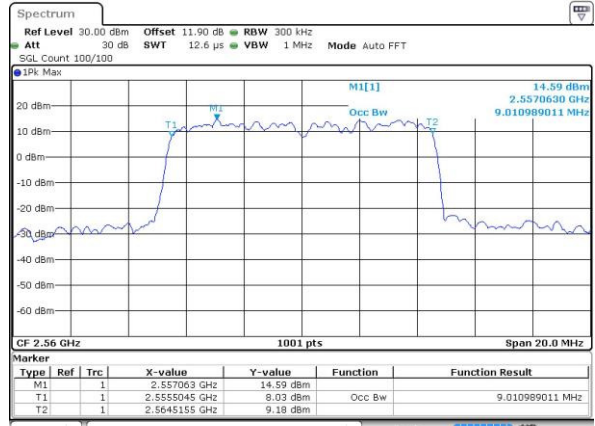
LTE Band 41

Lowest Channel / 10MHz / QPSK



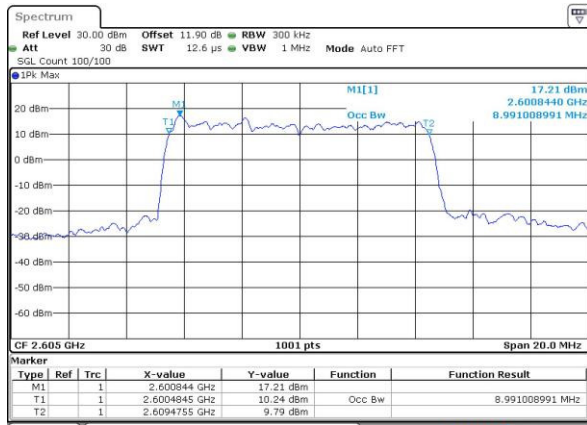
Date: 15 DEC 2016 22:59:26

Lowest Channel / 10MHz / 16QAM



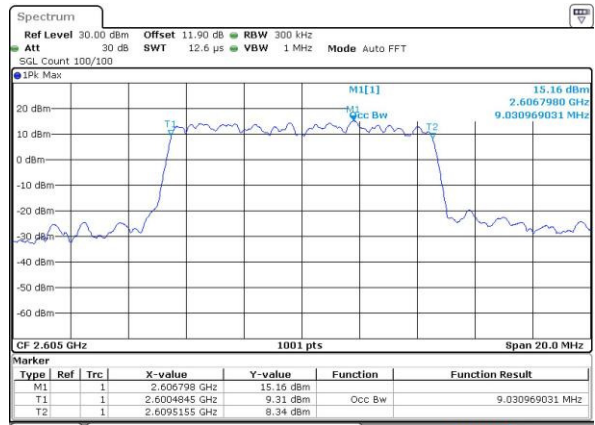
Date: 15 DEC 2016 22:59:37

Middle Channel / 10MHz / QPSK



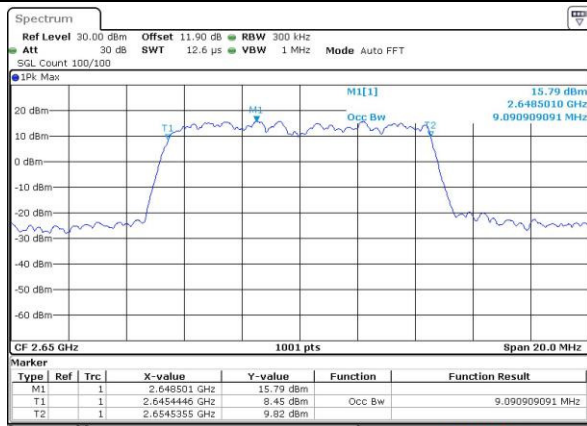
Date: 15 DEC 2016 23:00:08

Middle Channel / 10MHz / 16QAM



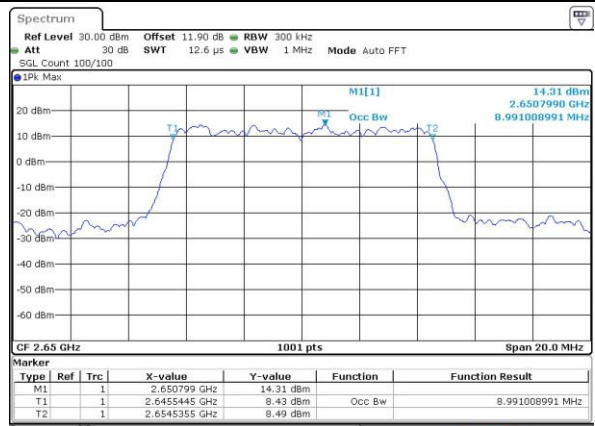
Date: 15 DEC 2016 23:00:18

Highest Channel / 10MHz / QPSK



Date: 15 DEC 2016 23:00:49

Highest Channel / 10MHz / 16QAM

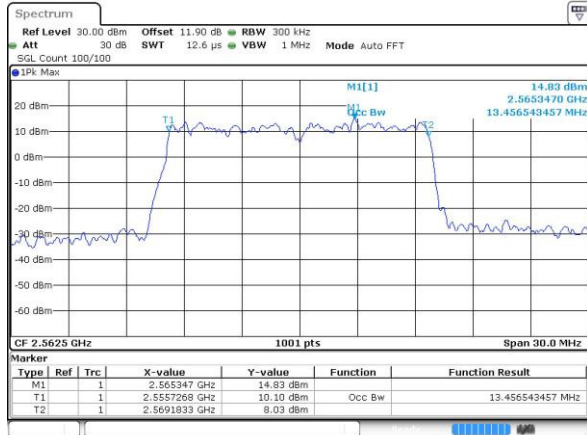


Date: 15 DEC 2016 23:00:59

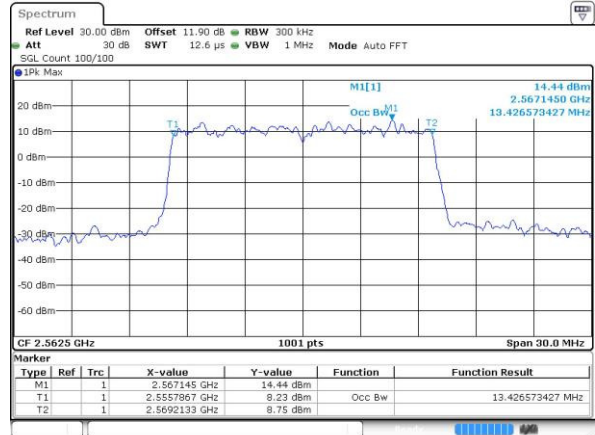


LTE Band 41

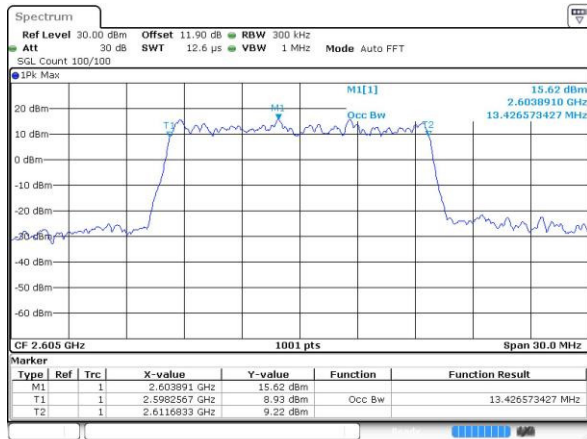
Lowest Channel / 15MHz / QPSK



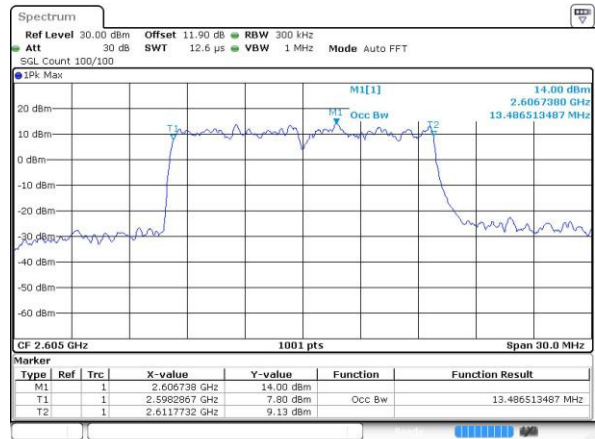
Lowest Channel / 15MHz / 16QAM



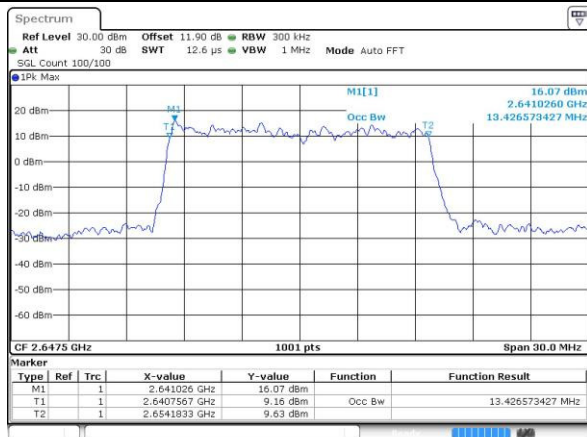
Middle Channel / 15MHz / QPSK



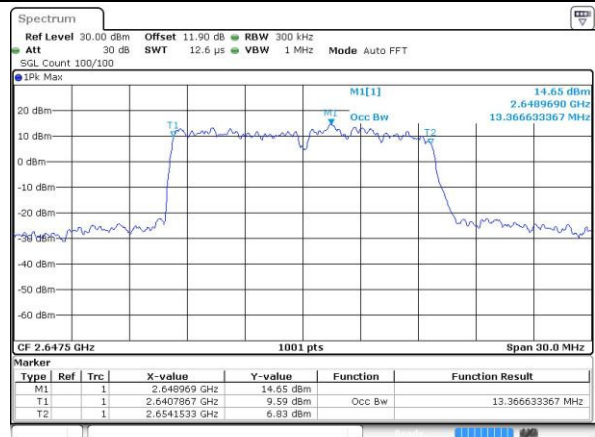
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



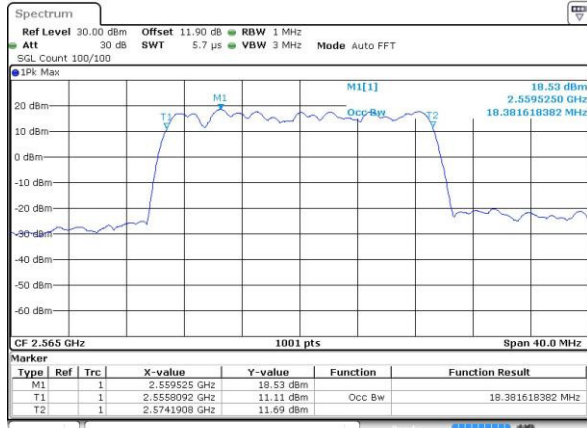
Highest Channel / 15MHz / 16QAM





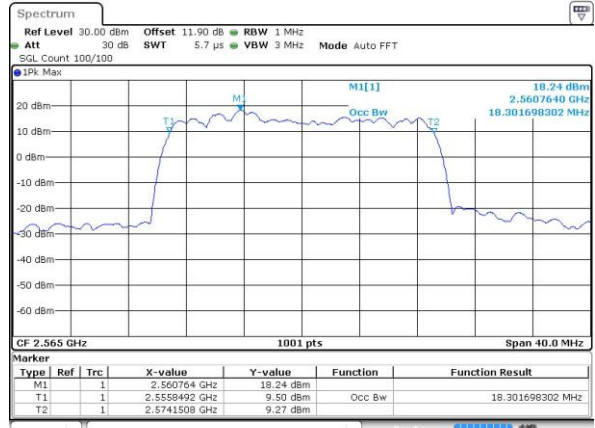
LTE Band 41

Lowest Channel / 20MHz / QPSK



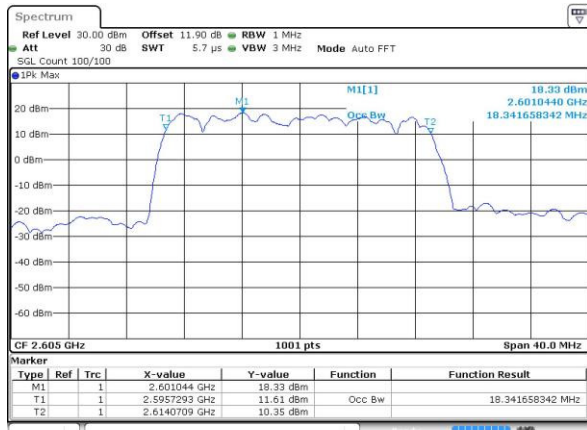
Date: 15 DEC 2016 23:03:34

Lowest Channel / 20MHz / 16QAM



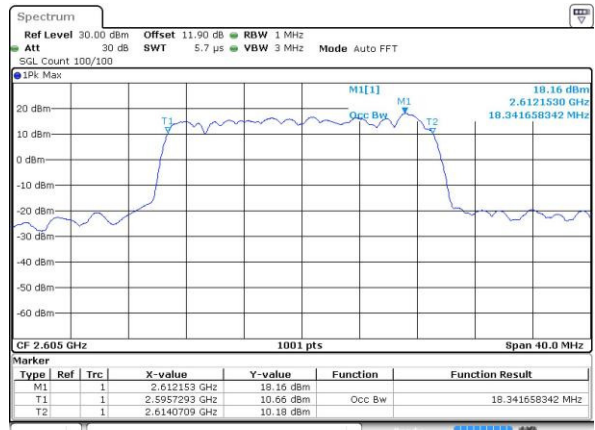
Date: 15 DEC 2016 23:03:45

Middle Channel / 20MHz / QPSK



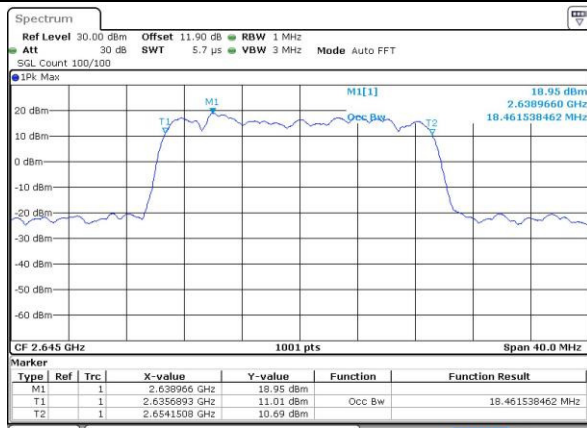
Date: 15 DEC 2016 23:04:16

Middle Channel / 20MHz / 16QAM



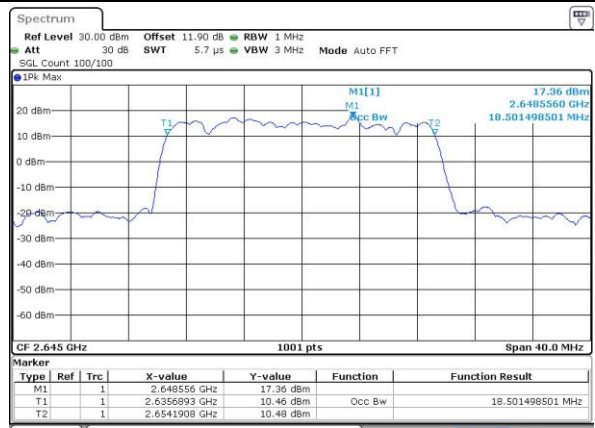
Date: 15 DEC 2016 23:04:26

Highest Channel / 20MHz / QPSK

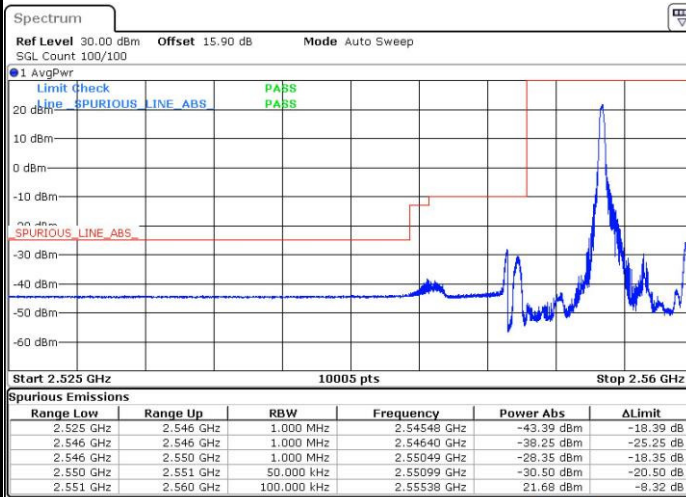
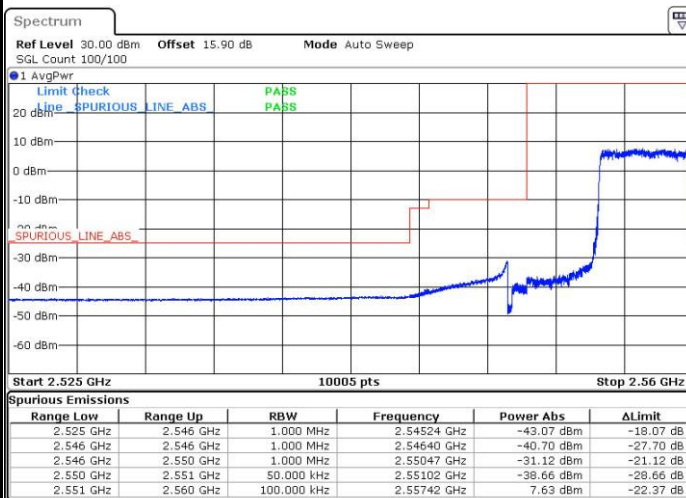
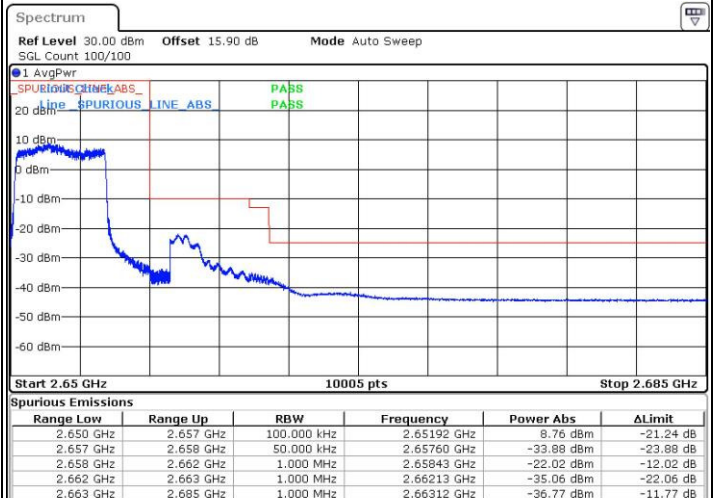


Date: 15 DEC 2016 23:04:57

Highest Channel / 20MHz / 16QAM



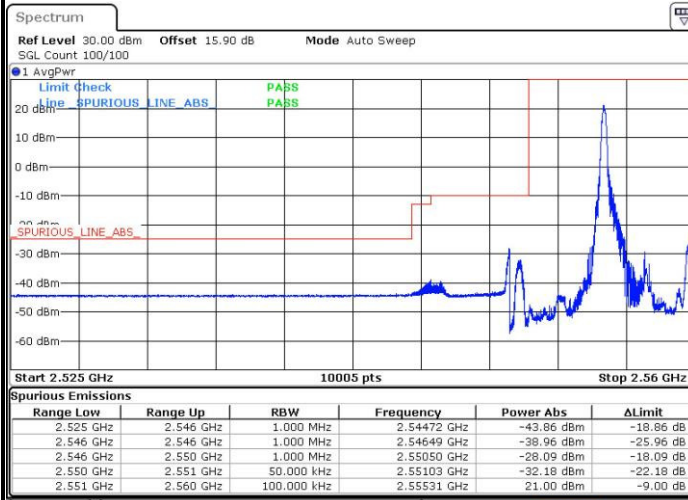
Date: 15 DEC 2016 23:05:08

**Conducted Band Edge****LTE Band 41 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 41 / 5MHz / 16QAM

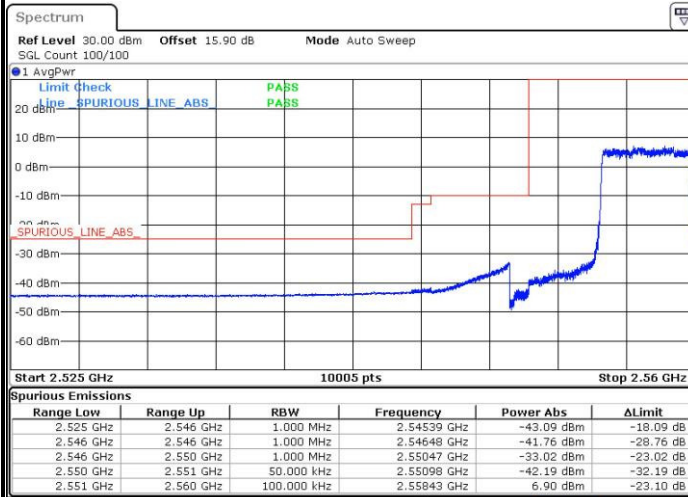
Lowest Band Edge / 1RB



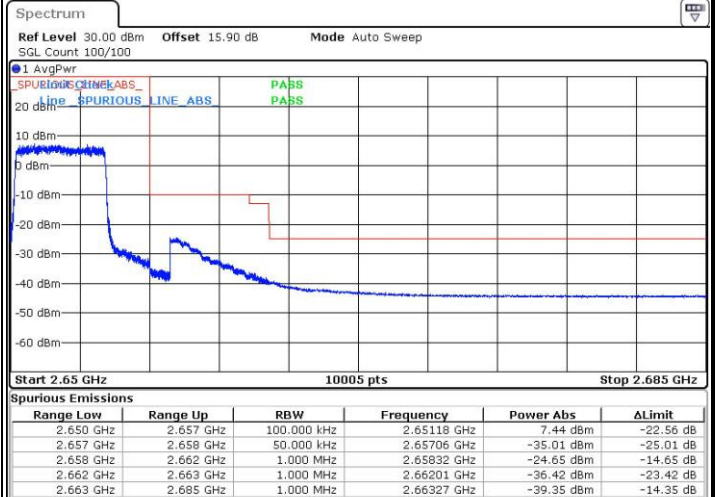
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



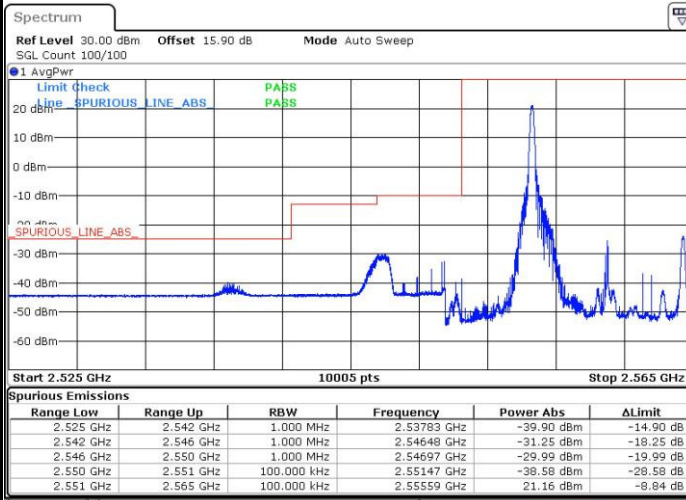
Highest Band Edge / Full RB



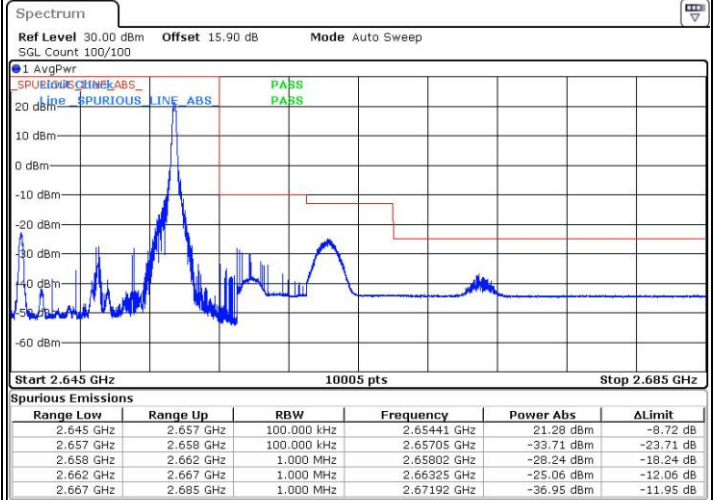


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



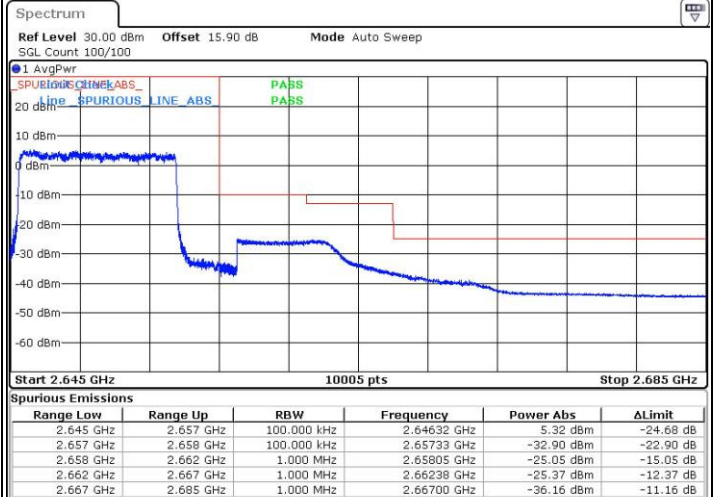
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



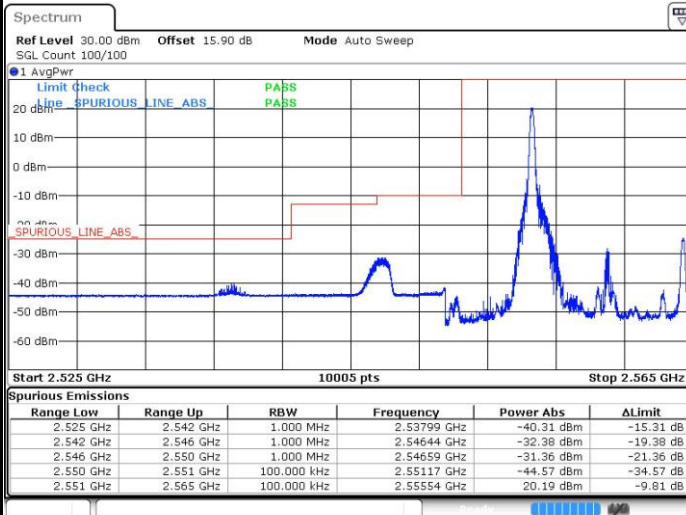
Highest Band Edge / Full RB



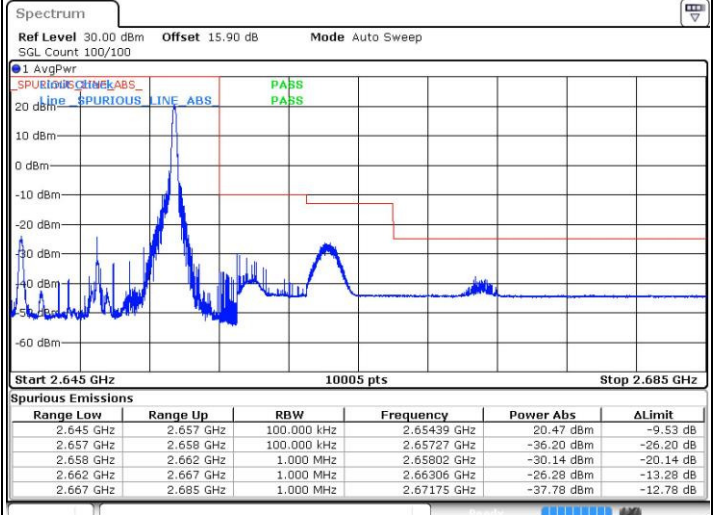


LTE Band 41 / 10MHz / 16QAM

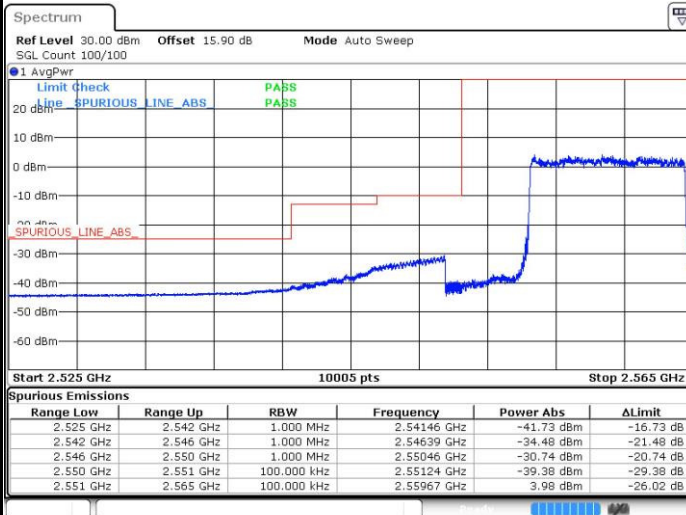
Lowest Band Edge / 1 RB



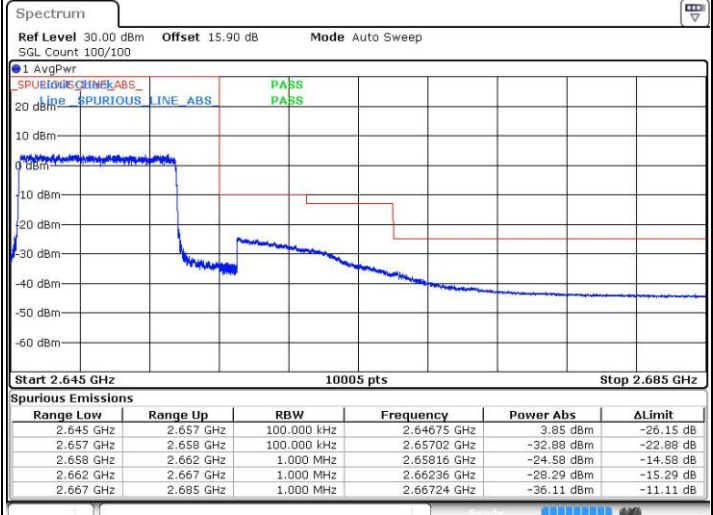
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



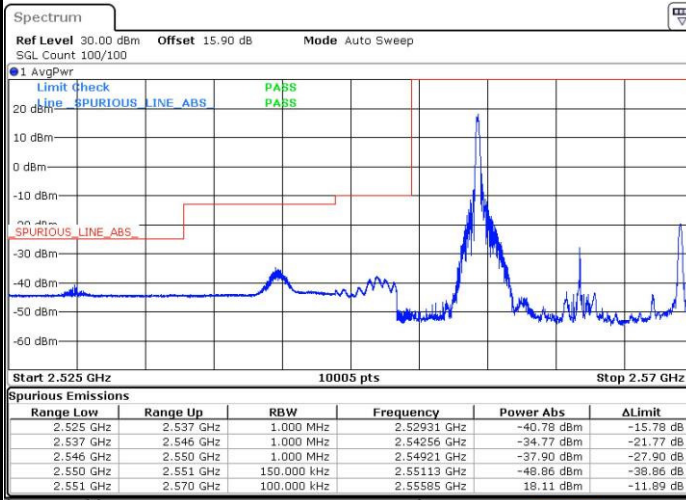
Highest Band Edge / Full RB



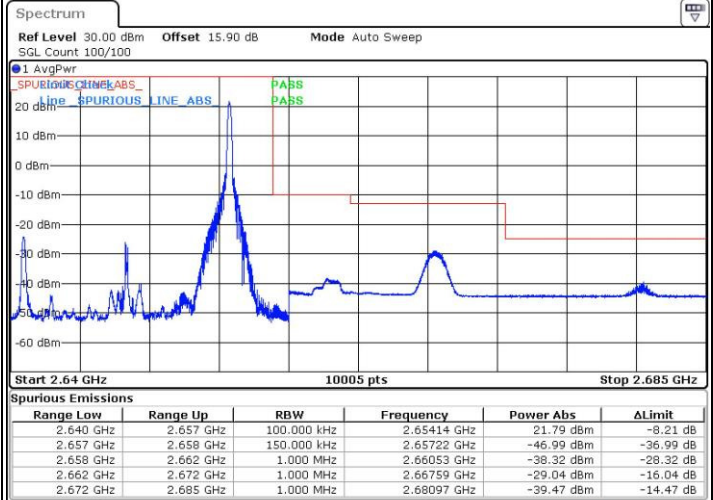


LTE Band 41 / 15MHz / QPSK

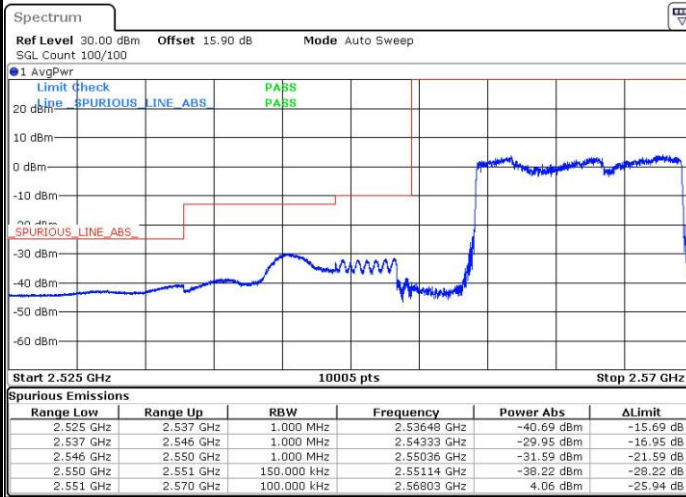
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

