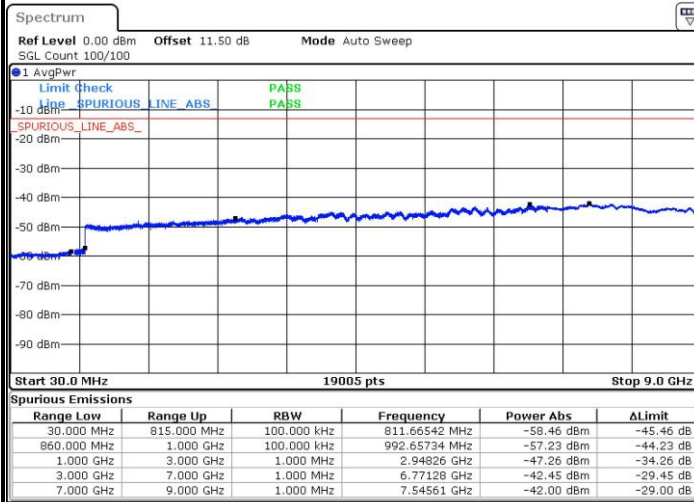




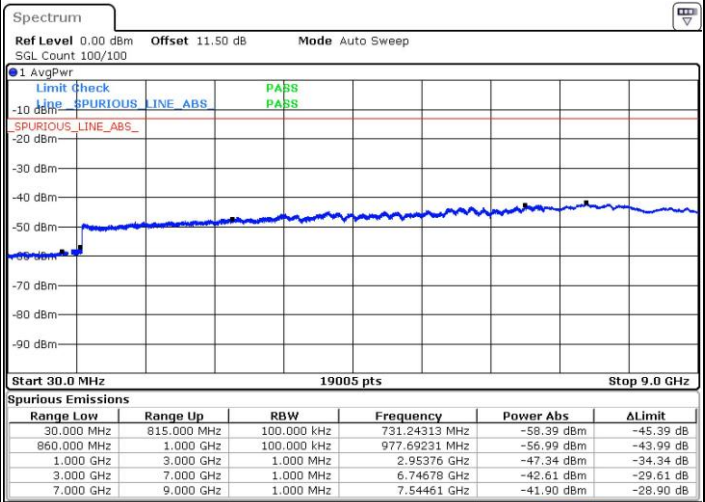
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 10 APR 2018 00:14:51

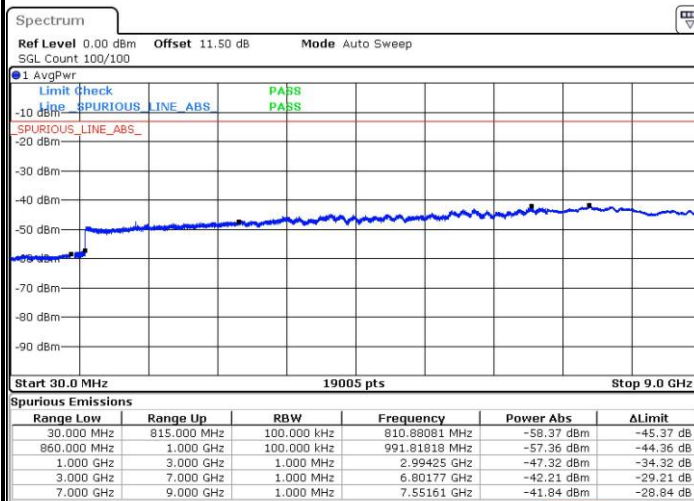
Highest Channel / 16QAM



Date: 10 APR 2018 00:15:46

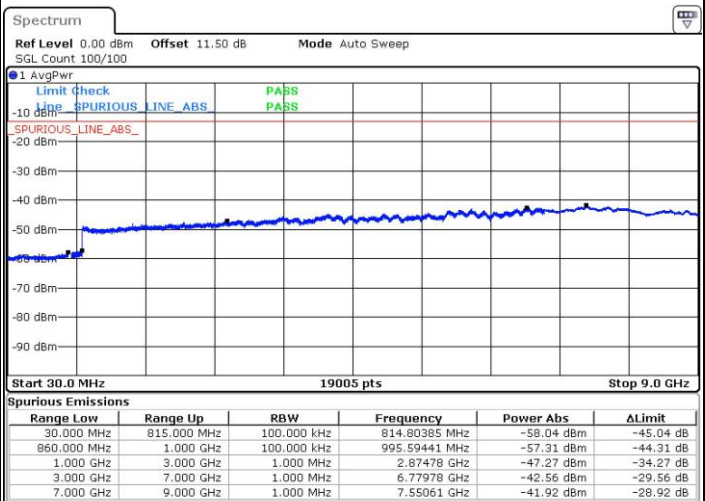
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 10 APR 2018 00:21:59

Lowest Channel / 16QAM

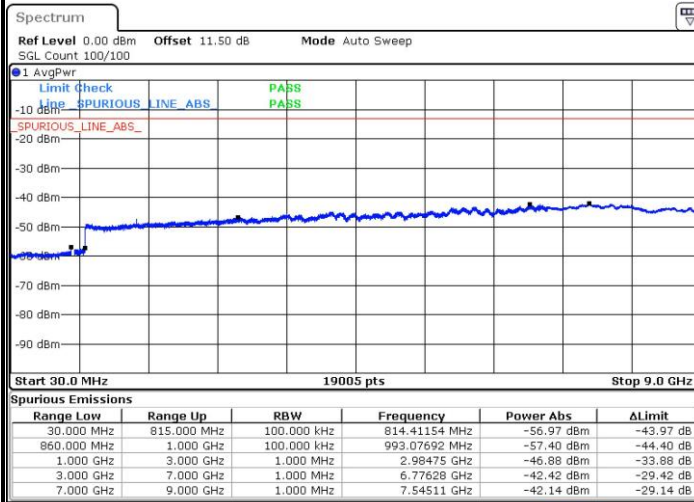


Date: 10 APR 2018 00:22:53



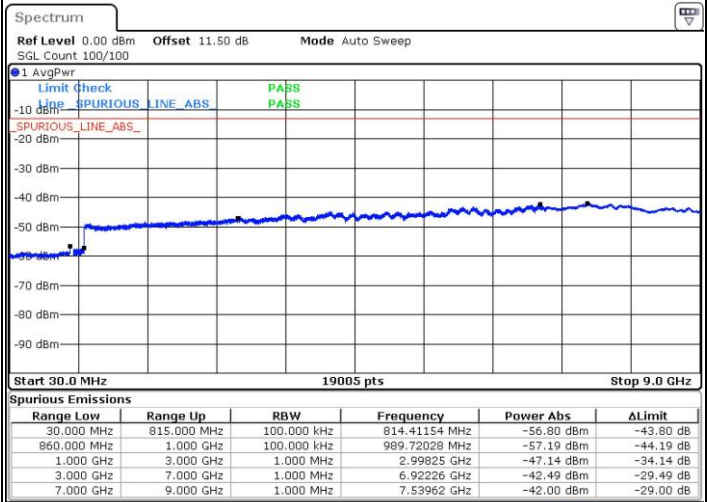
LTE Band 26 / 10MHz

Middle Channel / QPSK



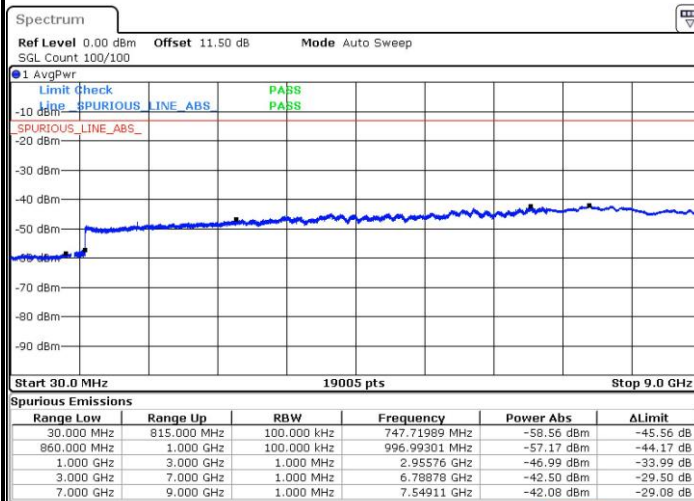
Date: 10 APR 2018 00:24:29

Middle Channel / 16QAM



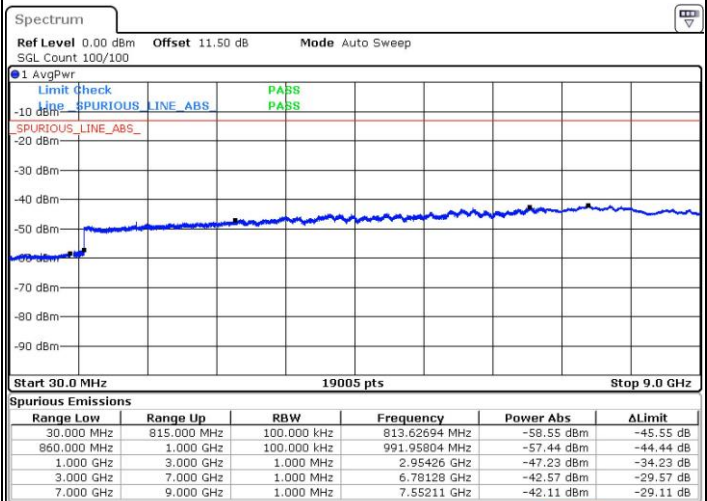
Date: 10 APR 2018 00:25:23

Highest Channel / QPSK



Date: 10 APR 2018 00:31:36

Highest Channel / 16QAM

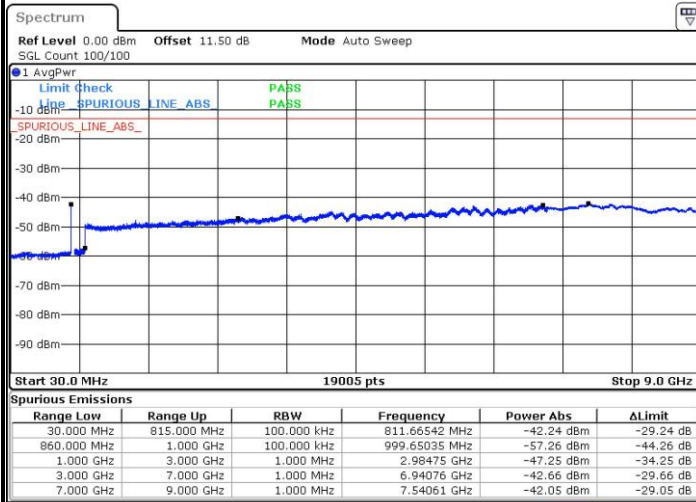


Date: 10 APR 2018 00:32:30



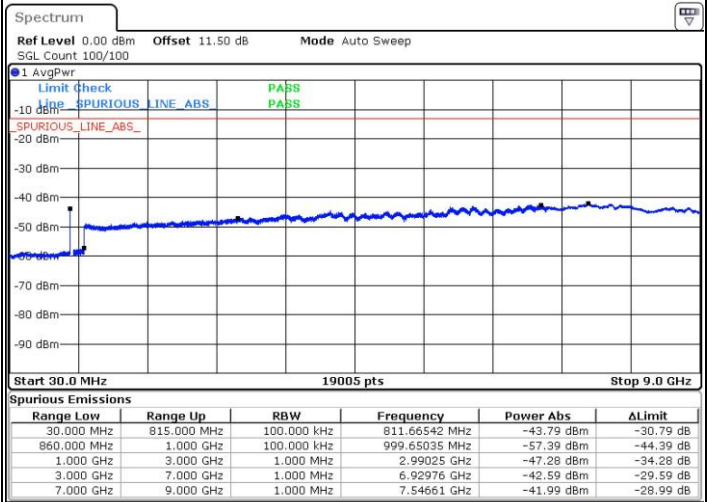
LTE Band 26 / 15MHz

Lowest Channel / QPSK



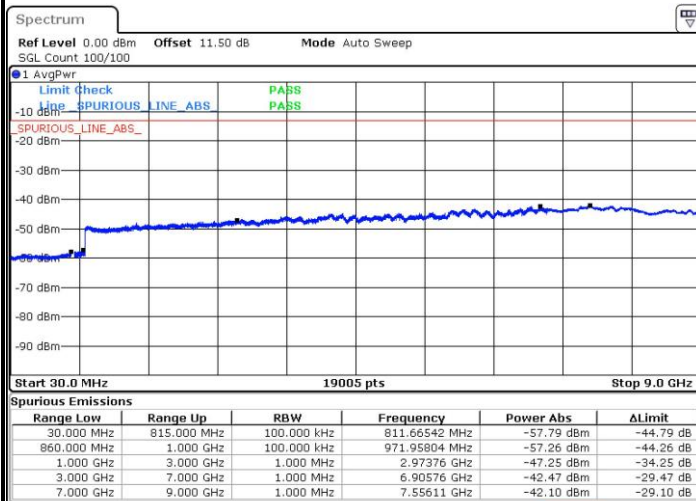
Date: 10 APR 2018 00:38:42

Lowest Channel / 16QAM



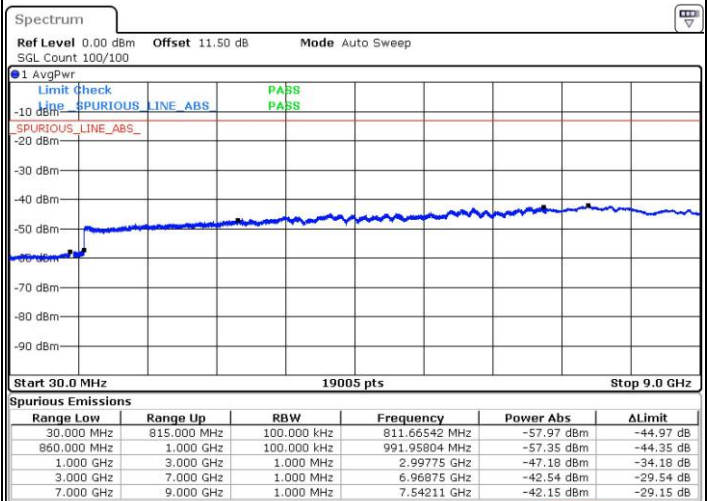
Date: 10 APR 2018 00:39:37

Middle Channel / QPSK



Date: 10 APR 2018 00:41:12

Middle Channel / 16QAM

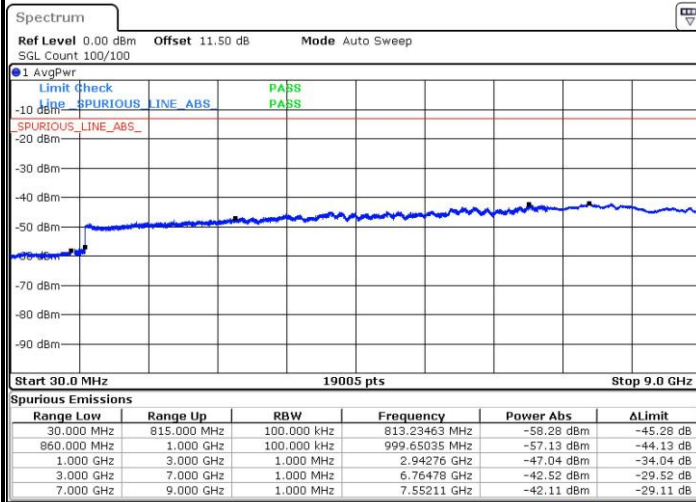


Date: 10 APR 2018 00:42:07



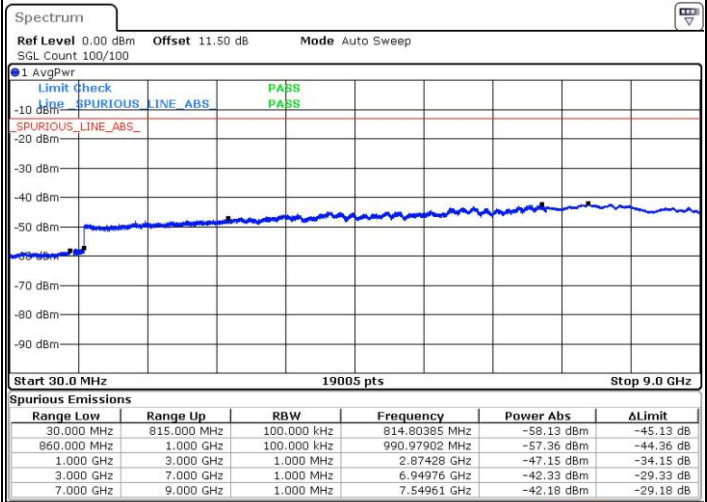
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 10 APR 2018 00:48:19

Highest Channel / 16QAM



Date: 10 APR 2018 00:49:13

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0075	PASS
40	Normal Voltage	0.0145	
30	Normal Voltage	0.0164	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0075	
0	Normal Voltage	0.0081	
-10	Normal Voltage	0.0087	
-20	Normal Voltage	0.0139	
-30	Normal Voltage	0.0105	
20	Maximum Voltage	0.0098	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0050	

Note:

1. Normal Voltage =120 V. ; Battery End Point (BEP) =102 V. ; Maximum Voltage =138 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

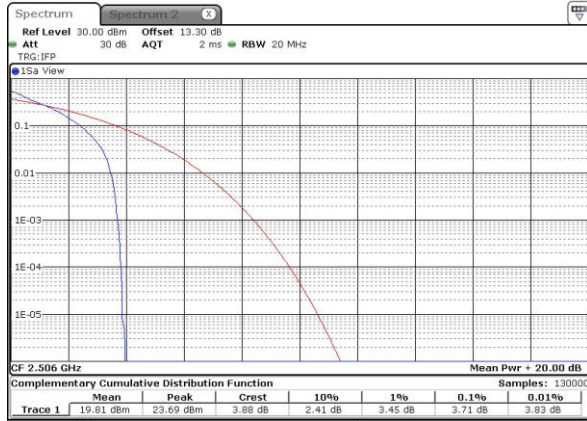
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.71	4.99	4.32	5.91	PASS
Middle CH	4.09	5.04	5.01	5.91	
Highest CH	3.74	4.93	4.9	5.83	



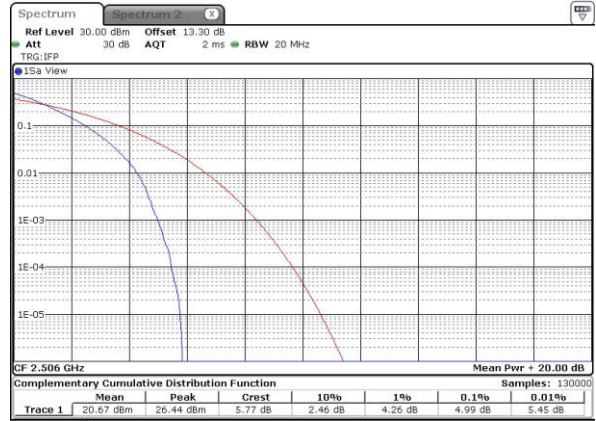
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



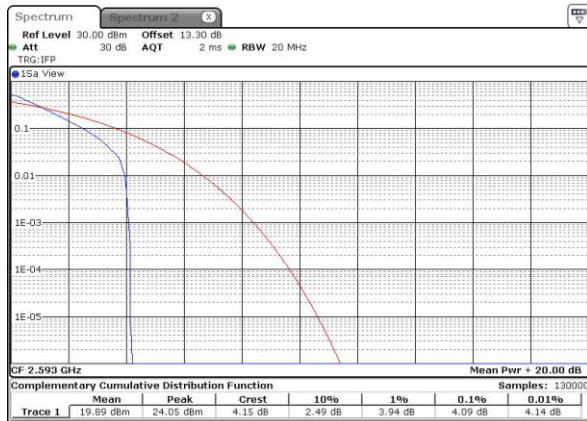
Date: 26 APR 2018 16:17:09

Lowest Channel / Full RB



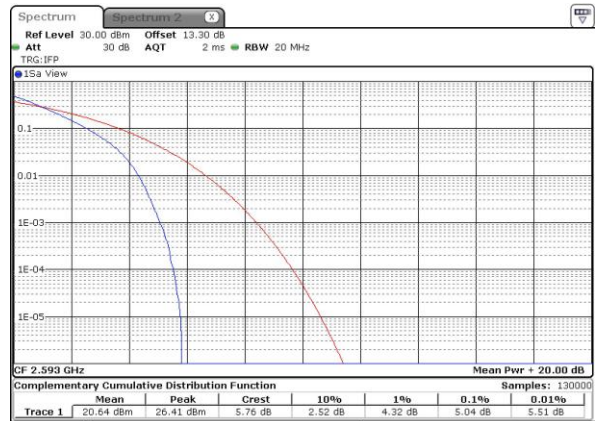
Date: 26 APR 2018 16:18:16

Middle Channel / 1RB



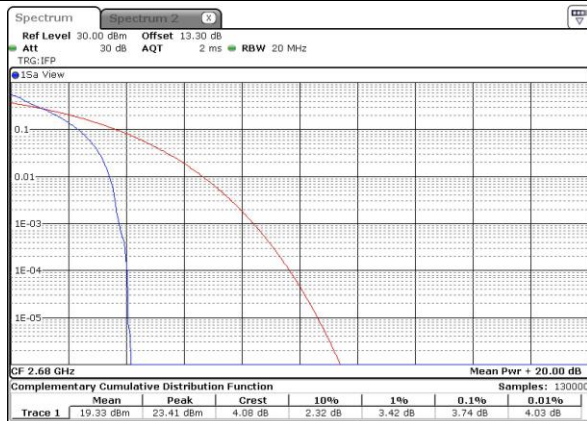
Date: 26 APR 2018 16:18:40

Middle Channel / Full RB



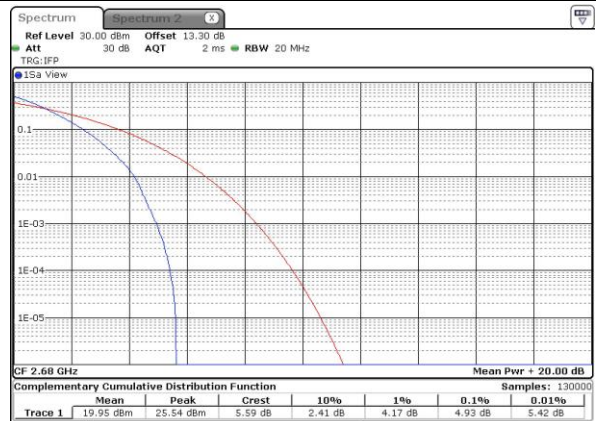
Date: 26 APR 2018 16:19:10

Highest Channel / 1RB

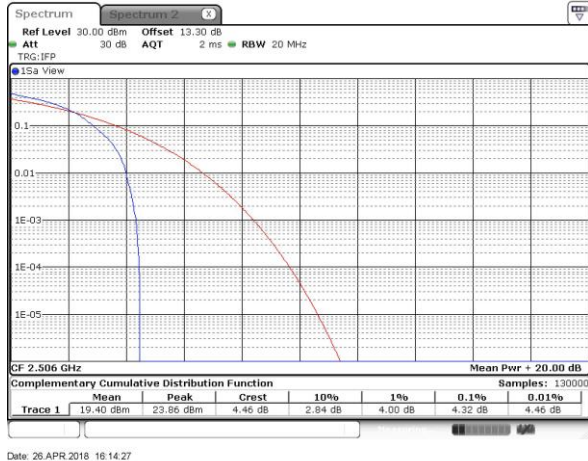
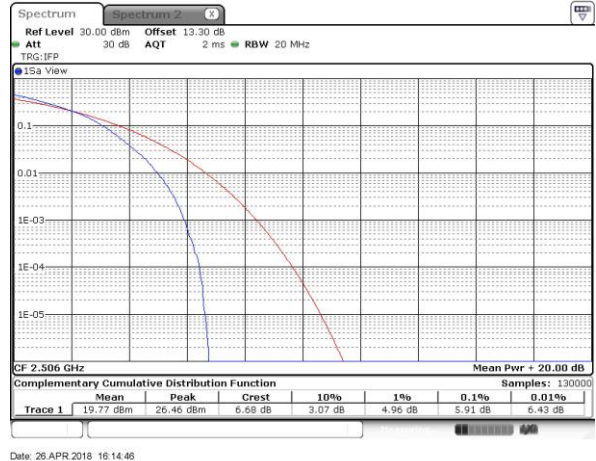
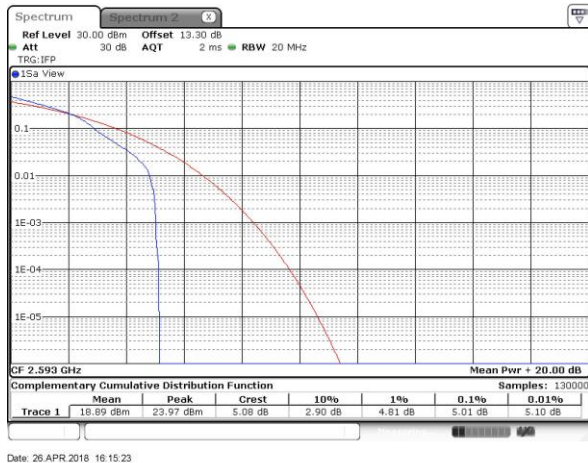
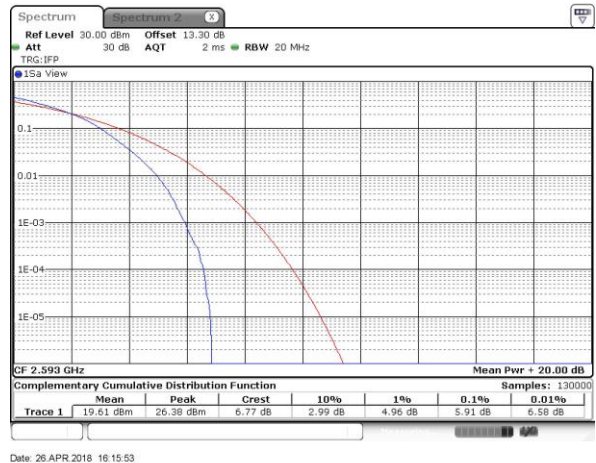
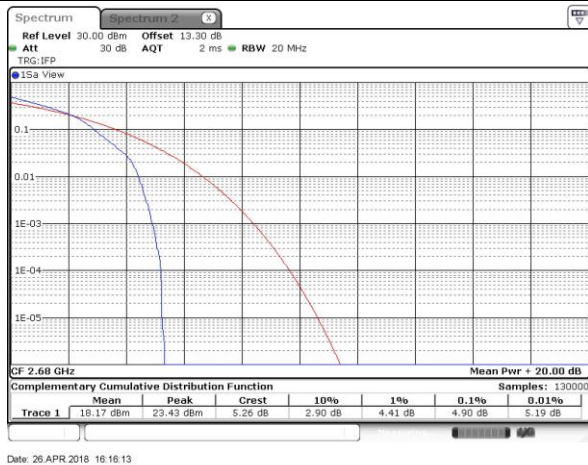
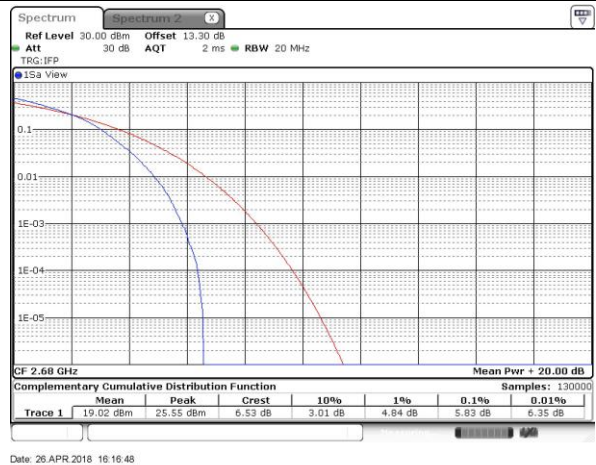


Date: 26 APR 2018 16:19:45

Highest Channel / Full RB



Date: 26 APR 2018 16:20:05

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




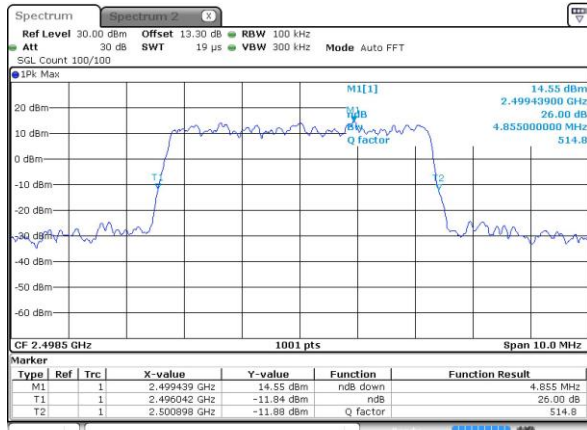
26dB Bandwidth

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	-	-	-	-	4.86	4.75	9.79	9.77	14.15	14.15	20.14	20.30
Middle CH	-	-	-	-	5.21	4.88	9.73	9.69	14.36	14.36	20.34	20.06
Highest CH	-	-	-	-	4.85	4.84	9.83	9.87	14.54	14.54	20.22	20.10



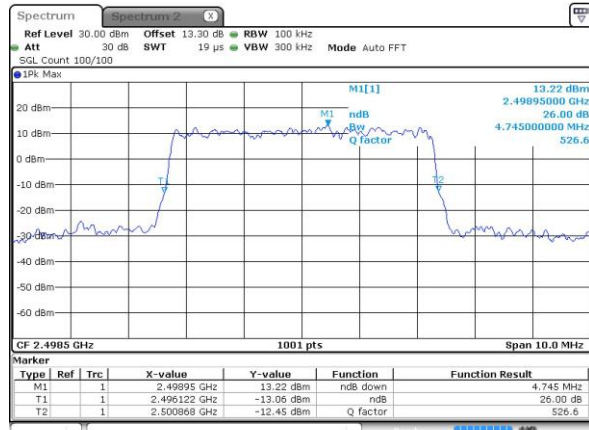
LTE Band 41

Lowest Channel / 5MHz / QPSK



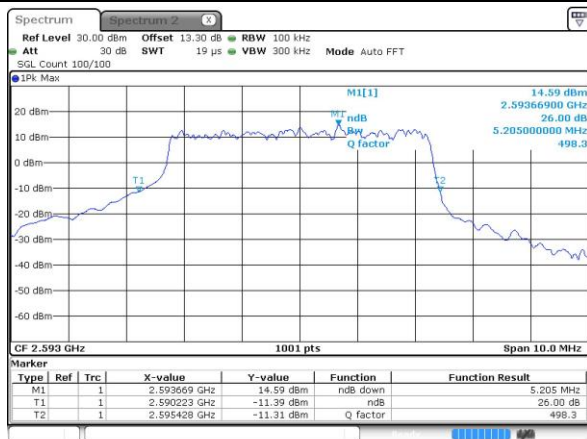
Date: 26 APR 2018 16:06:15

Lowest Channel / 5MHz / 16QAM



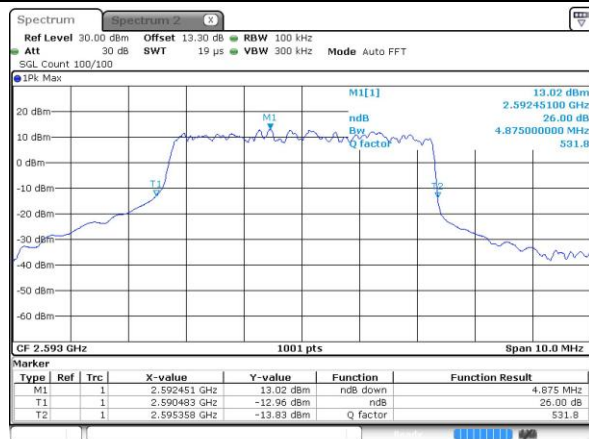
Date: 26 APR 2018 16:06:25

Middle Channel / 5MHz / QPSK



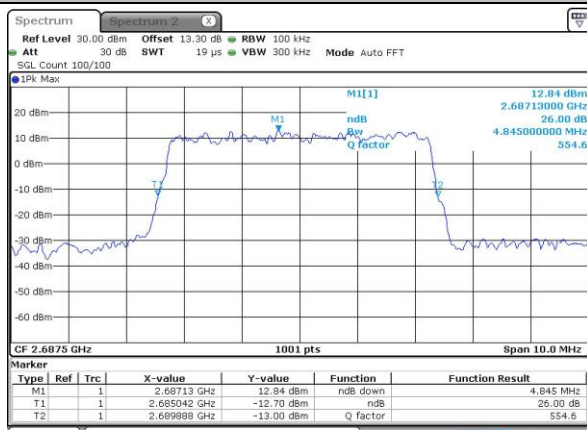
Date: 26 APR 2018 16:06:57

Middle Channel / 5MHz / 16QAM



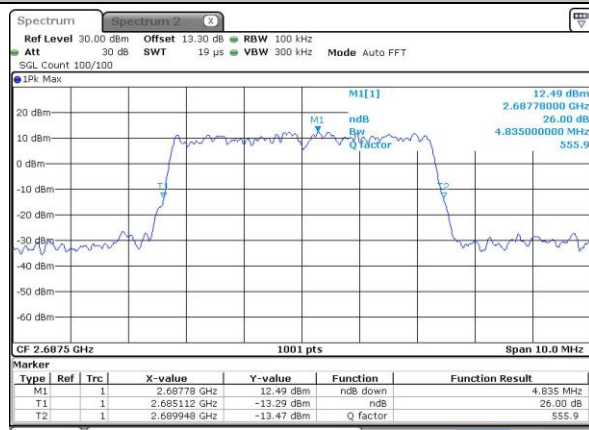
Date: 26 APR 2018 16:07:07

Highest Channel / 5MHz / QPSK



Date: 26 APR 2018 16:07:38

Highest Channel / 5MHz / 16QAM

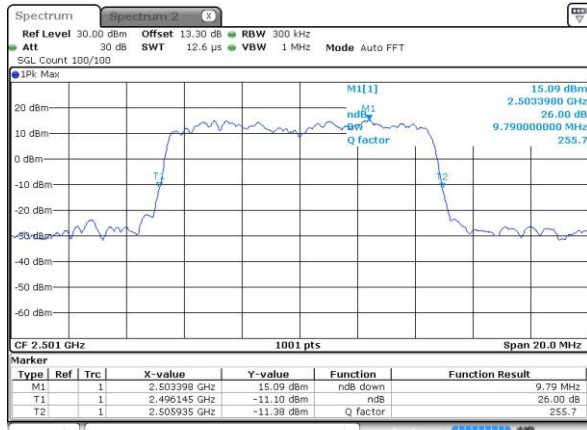


Date: 26 APR 2018 16:07:49

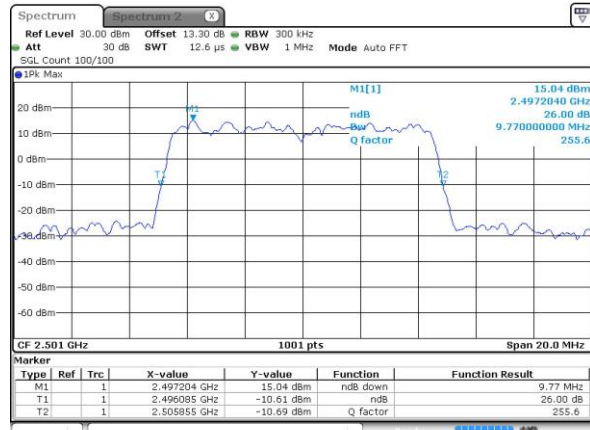


LTE Band 41

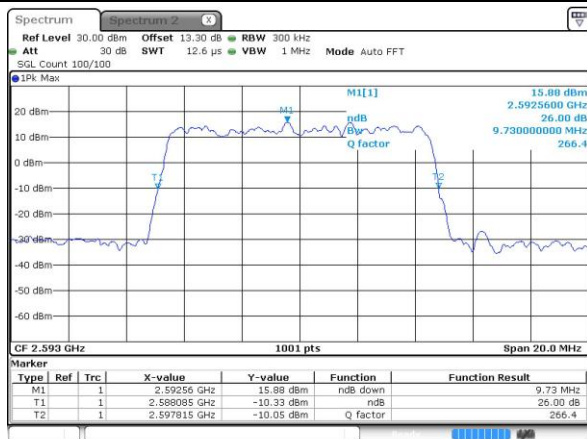
Lowest Channel / 10MHz / QPSK



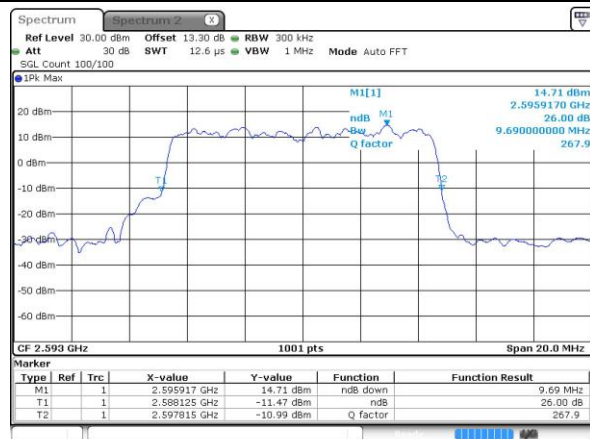
Lowest Channel / 10MHz / 16QAM



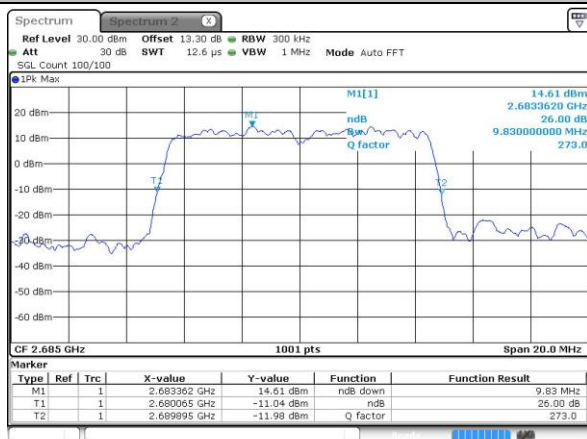
Middle Channel / 10MHz / QPSK



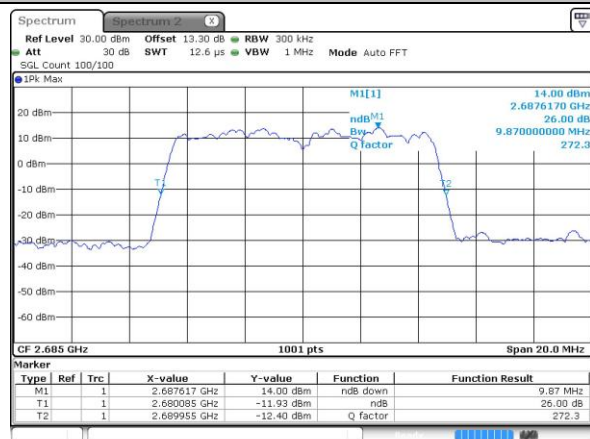
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



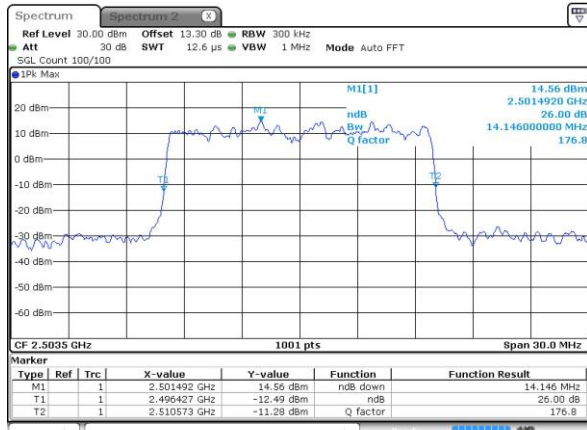
Highest Channel / 10MHz / 16QAM





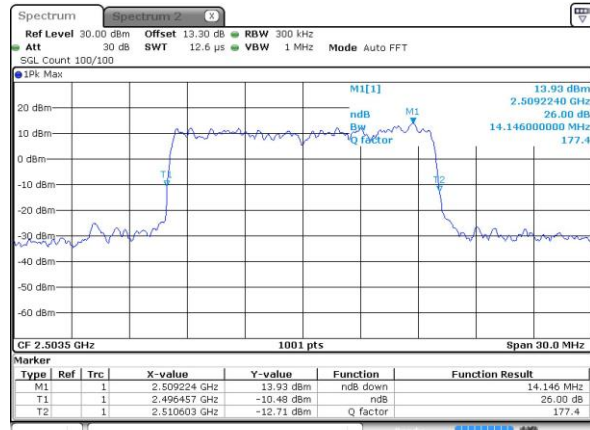
LTE Band 41

Lowest Channel / 15MHz / QPSK



Date: 26 APR 2018 16:10:26

Lowest Channel / 15MHz / 16QAM



Date: 26 APR 2018 16:10:36

Middle Channel / 15MHz / QPSK



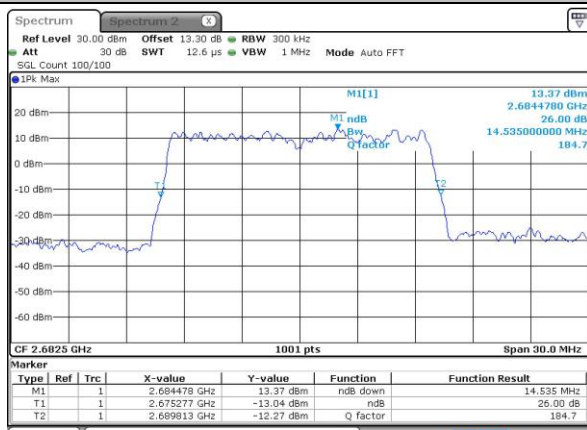
Date: 26 APR 2018 16:11:07

Middle Channel / 15MHz / 16QAM



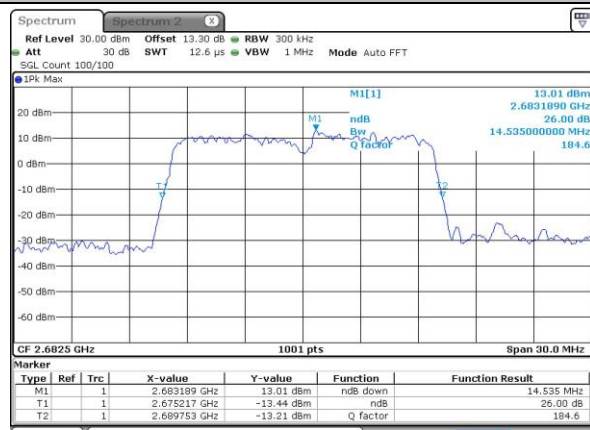
Date: 26 APR 2018 16:11:18

Highest Channel / 15MHz / QPSK



Date: 26 APR 2018 16:11:49

Highest Channel / 15MHz / 16QAM

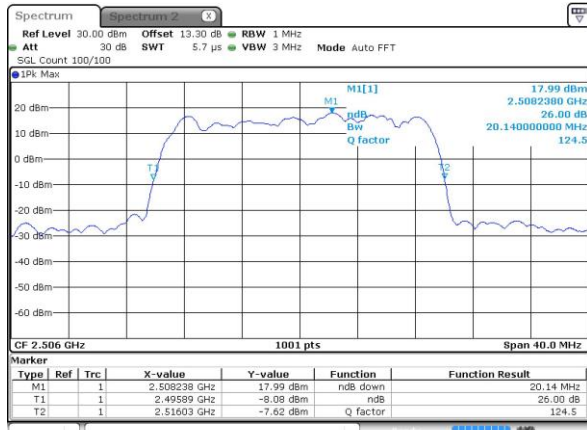


Date: 26 APR 2018 16:12:00



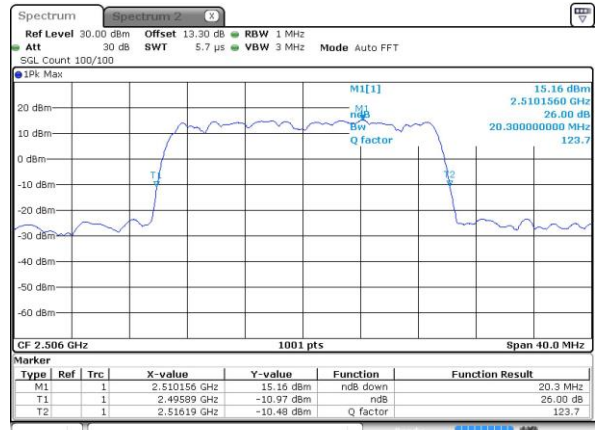
LTE Band 41

Lowest Channel / 20MHz / QPSK



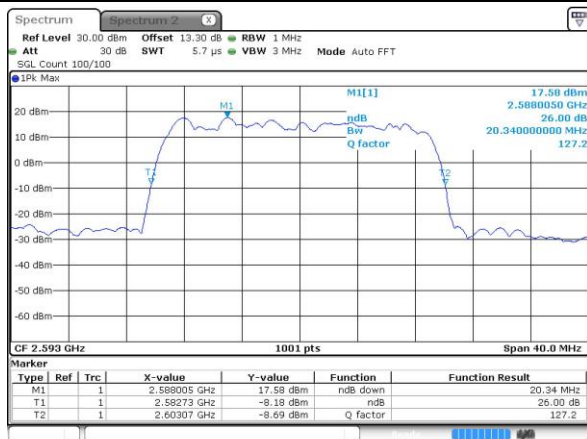
Date: 26 APR 2018 16:12:31

Lowest Channel / 20MHz / 16QAM



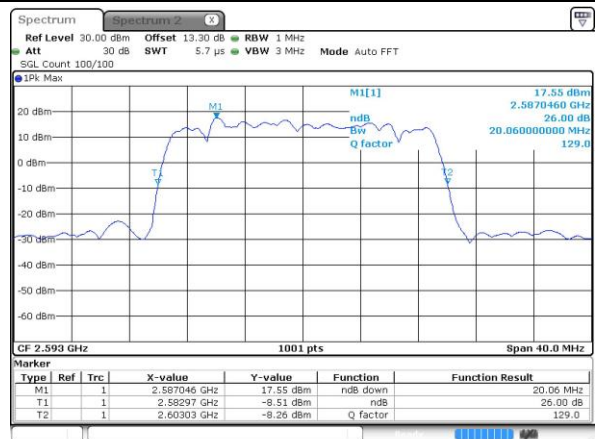
Date: 26 APR 2018 16:12:41

Middle Channel / 20MHz / QPSK



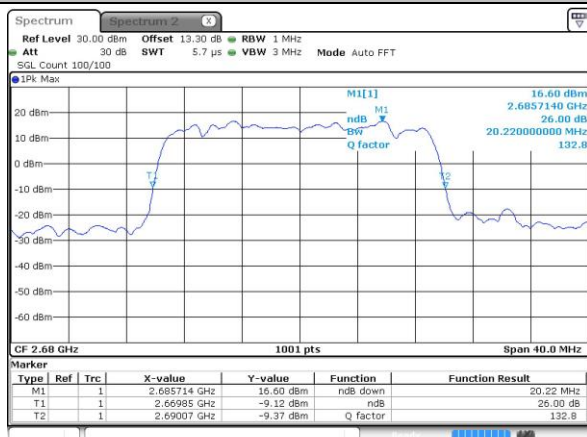
Date: 26 APR 2018 16:13:13

Middle Channel / 20MHz / 16QAM



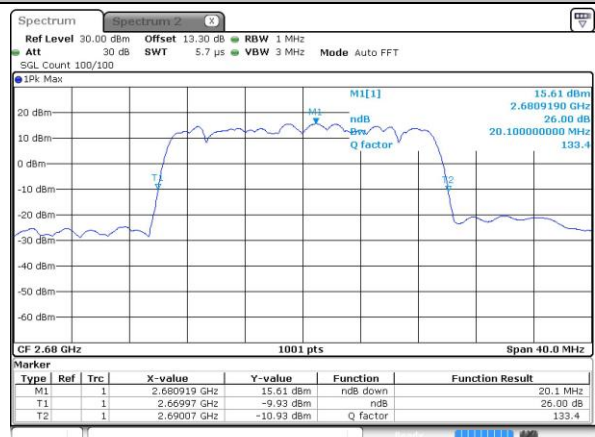
Date: 26 APR 2018 16:13:23

Highest Channel / 20MHz / QPSK



Date: 26 APR 2018 16:13:55

Highest Channel / 20MHz / 16QAM



Date: 26 APR 2018 16:14:05

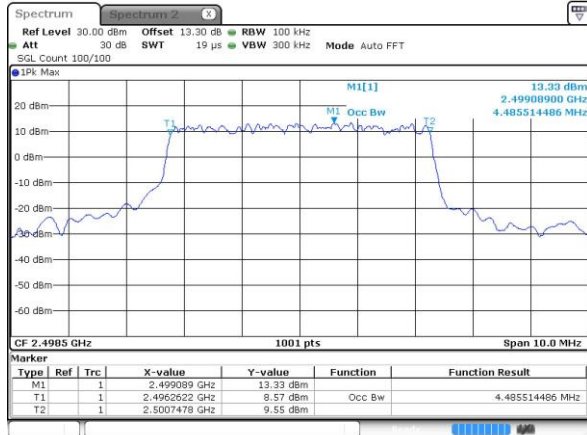
**Occupied Bandwidth**

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	-	-	-	-	4.49	4.5	8.97	8.97	13.43	13.43	18.3	18.42
Middle CH	-	-	-	-	4.52	4.51	9.05	9.07	13.43	13.52	18.42	18.38
Highest CH	-	-	-	-	4.52	4.49	9.01	9.05	13.43	13.46	18.62	18.38



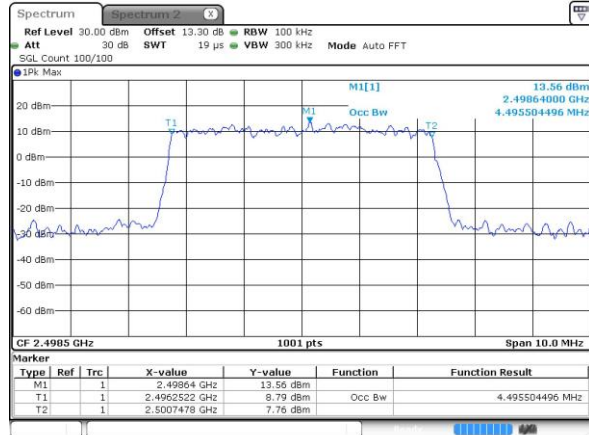
LTE Band 41

Lowest Channel / 5MHz / QPSK



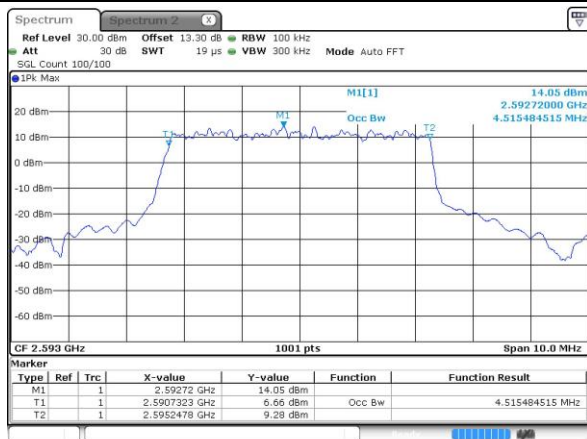
Date: 26 APR 2018 16:05:54

Lowest Channel / 5MHz / 16QAM



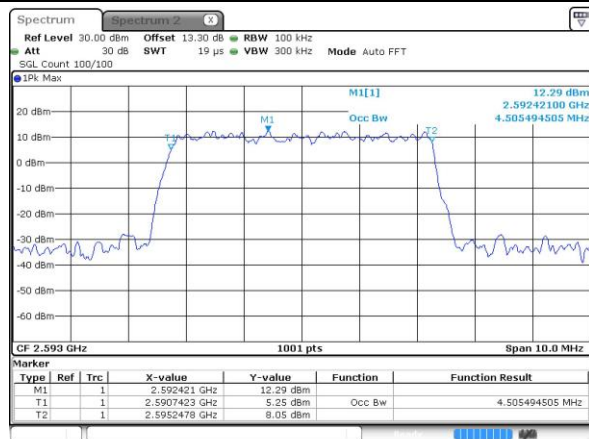
Date: 26 APR 2018 16:06:04

Middle Channel / 5MHz / QPSK



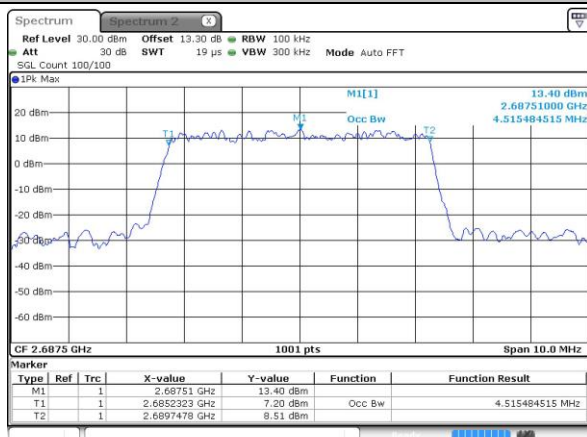
Date: 26 APR 2018 16:06:36

Middle Channel / 5MHz / 16QAM



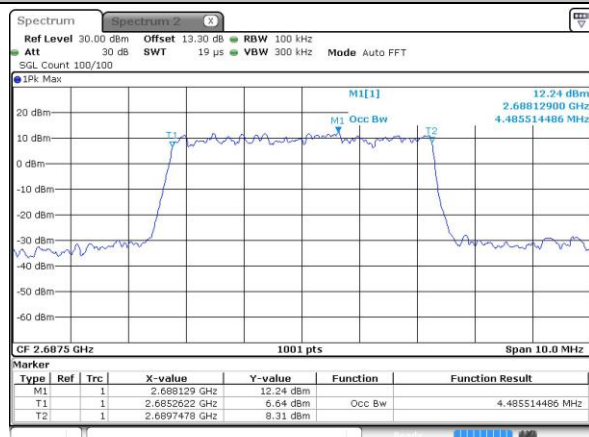
Date: 26 APR 2018 16:06:46

Highest Channel / 5MHz / QPSK



Date: 26 APR 2018 16:07:17

Highest Channel / 5MHz / 16QAM

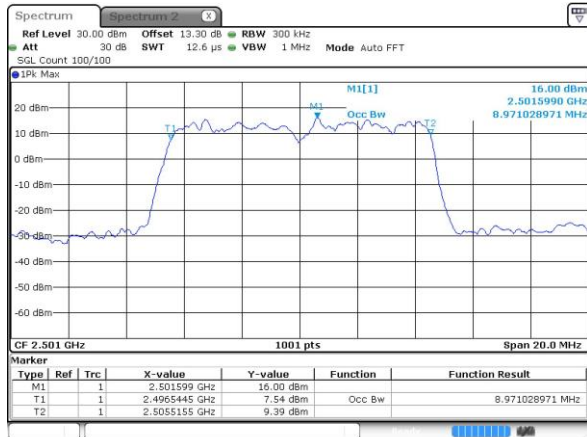


Date: 26 APR 2018 16:07:28



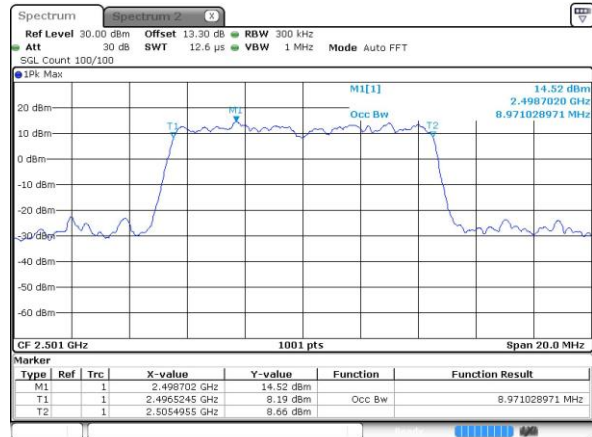
LTE Band 41

Lowest Channel / 10MHz / QPSK



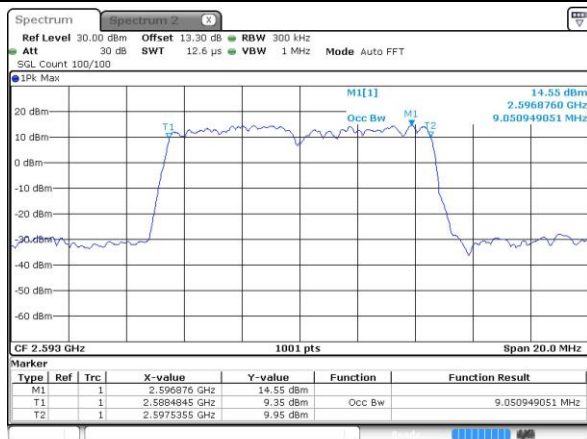
Date: 26 APR 2018 16:07:59

Lowest Channel / 10MHz / 16QAM



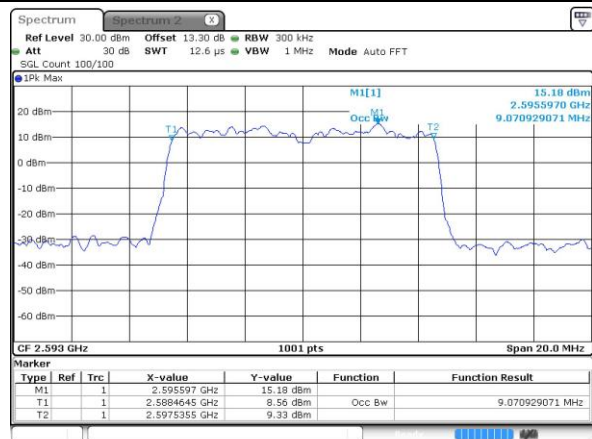
Date: 26 APR 2018 16:08:10

Middle Channel / 10MHz / QPSK



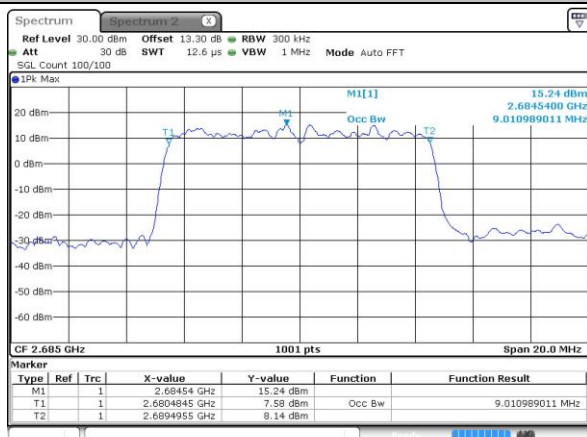
Date: 26 APR 2018 16:08:41

Middle Channel / 10MHz / 16QAM



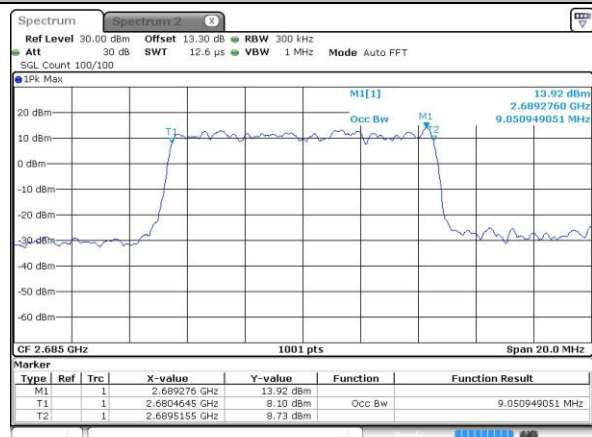
Date: 26 APR 2018 16:08:52

Highest Channel / 10MHz / QPSK



Date: 26 APR 2018 16:09:23

Highest Channel / 10MHz / 16QAM

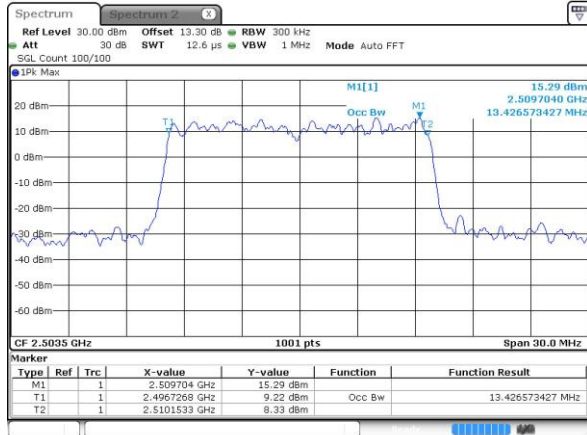


Date: 26 APR 2018 16:09:33



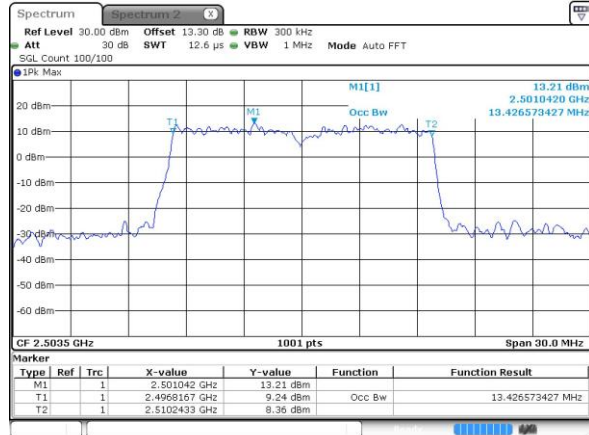
LTE Band 41

Lowest Channel / 15MHz / QPSK



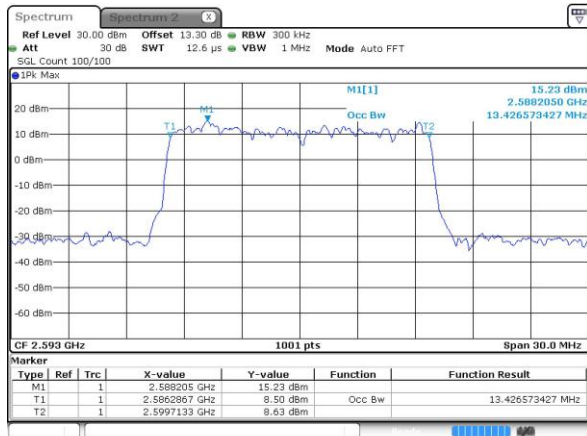
Date: 26 APR 2018 16:10:05

Lowest Channel / 15MHz / 16QAM



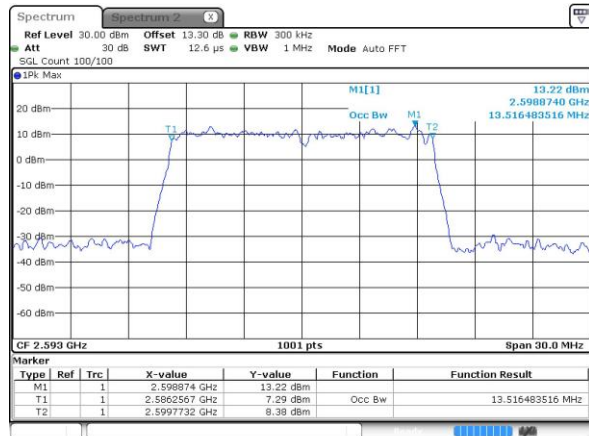
Date: 26 APR 2018 16:10:15

Middle Channel / 15MHz / QPSK



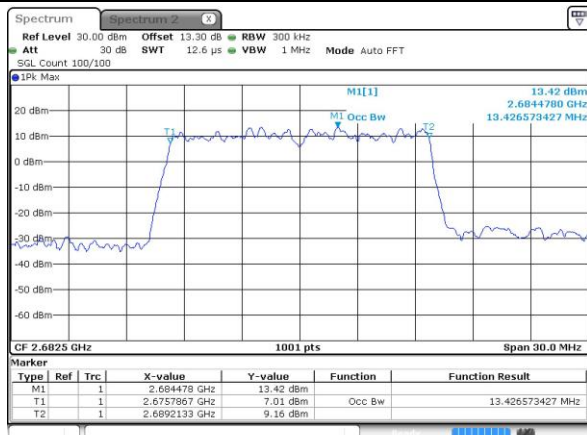
Date: 26 APR 2018 16:10:47

Middle Channel / 15MHz / 16QAM



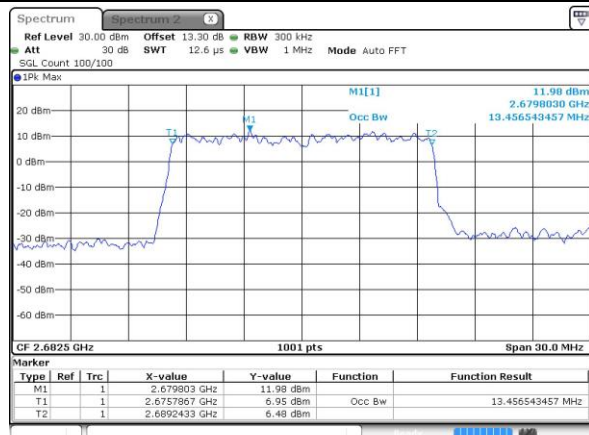
Date: 26 APR 2018 16:10:57

Highest Channel / 15MHz / QPSK



Date: 26 APR 2018 16:11:28

Highest Channel / 15MHz / 16QAM

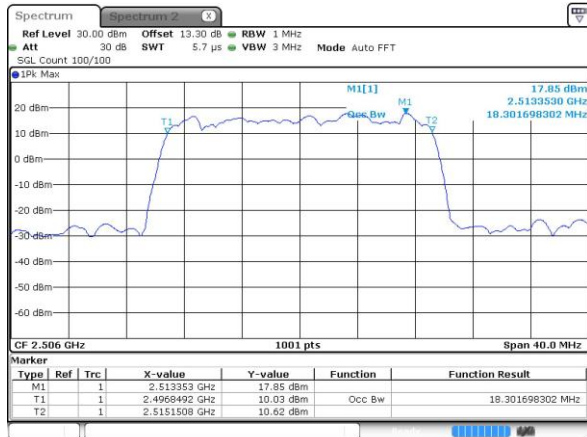


Date: 26 APR 2018 16:11:39



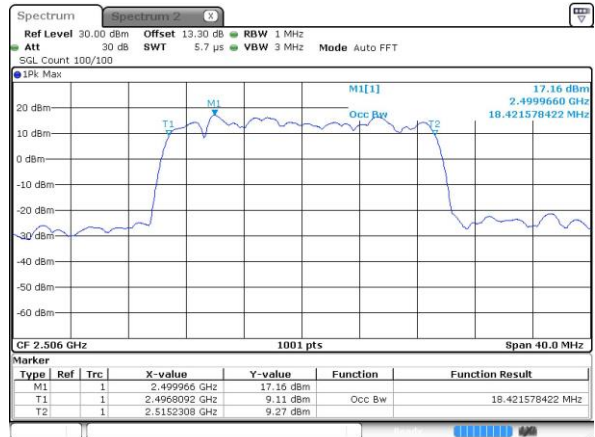
LTE Band 41

Lowest Channel / 20MHz / QPSK



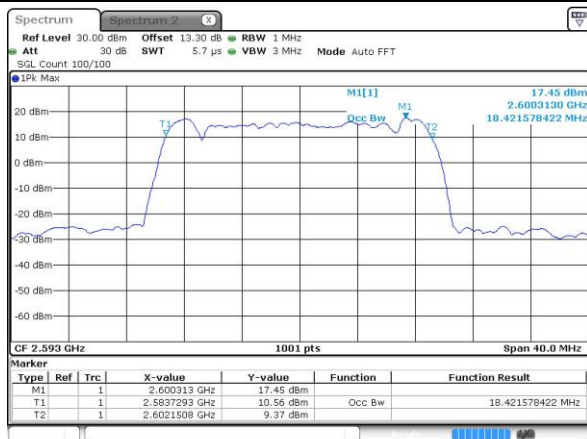
Date: 26 APR 2018 16:12:10

Lowest Channel / 20MHz / 16QAM



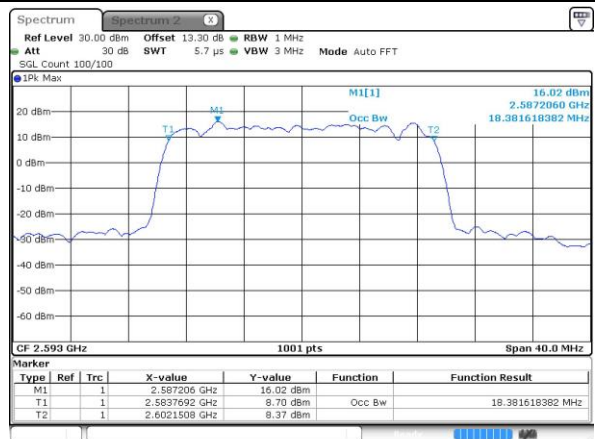
Date: 26 APR 2018 16:12:20

Middle Channel / 20MHz / QPSK



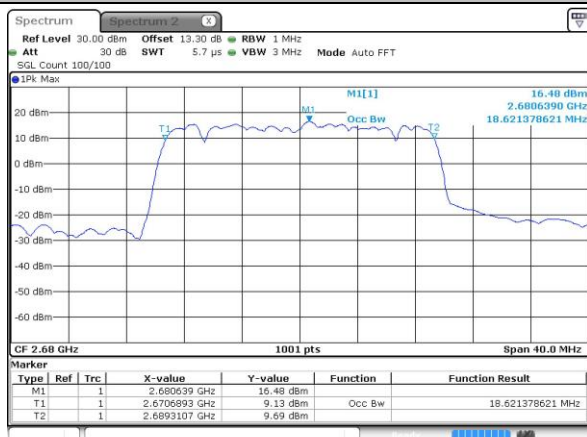
Date: 26 APR 2018 16:12:52

Middle Channel / 20MHz / 16QAM



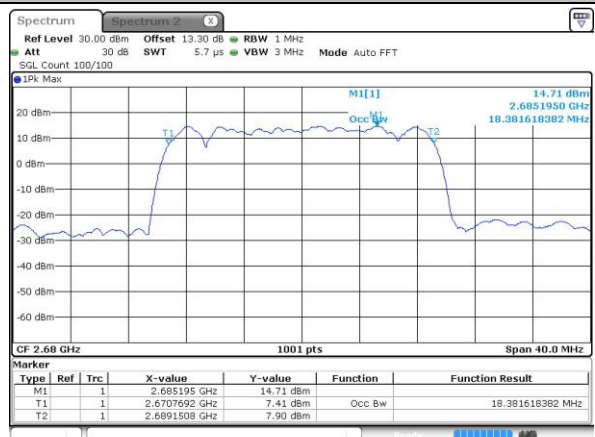
Date: 26 APR 2018 16:13:02

Highest Channel / 20MHz / QPSK

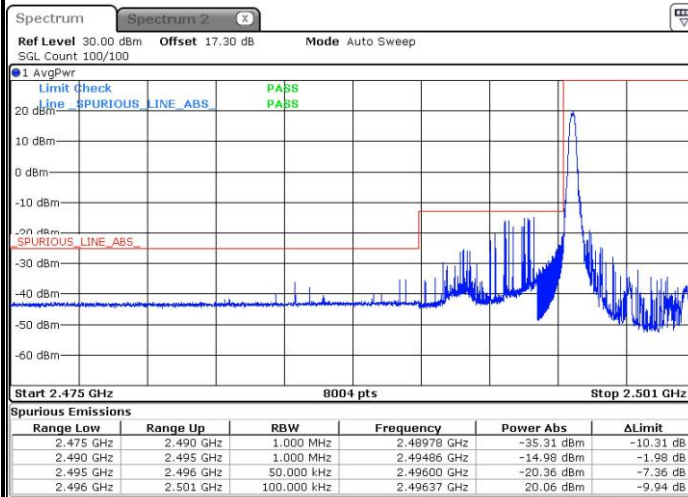
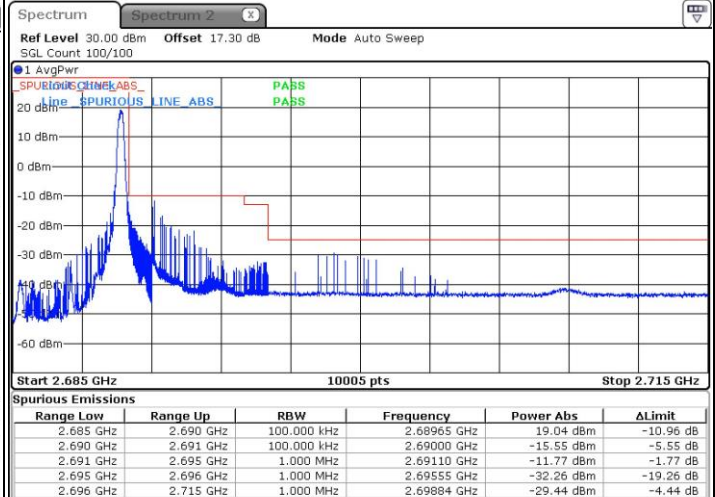
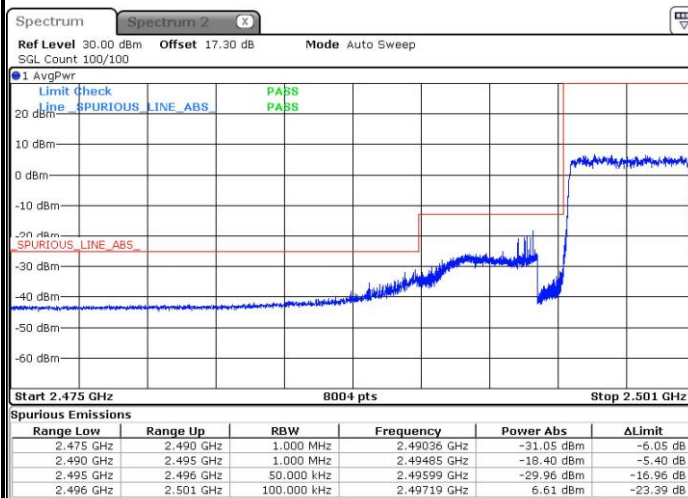
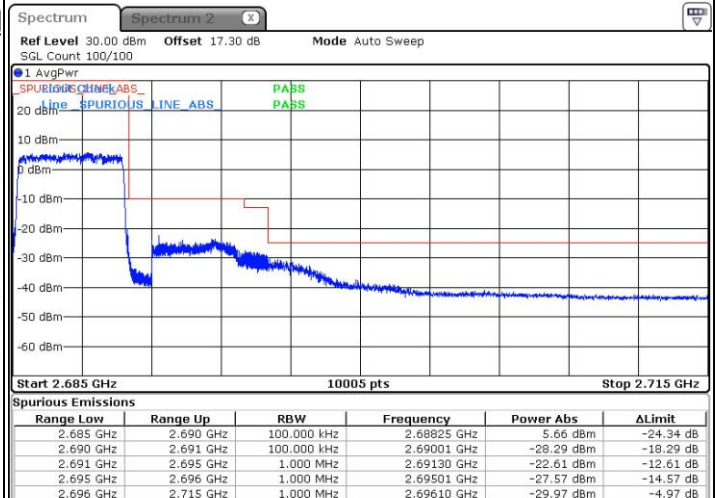


Date: 26 APR 2018 16:13:34

Highest Channel / 20MHz / 16QAM



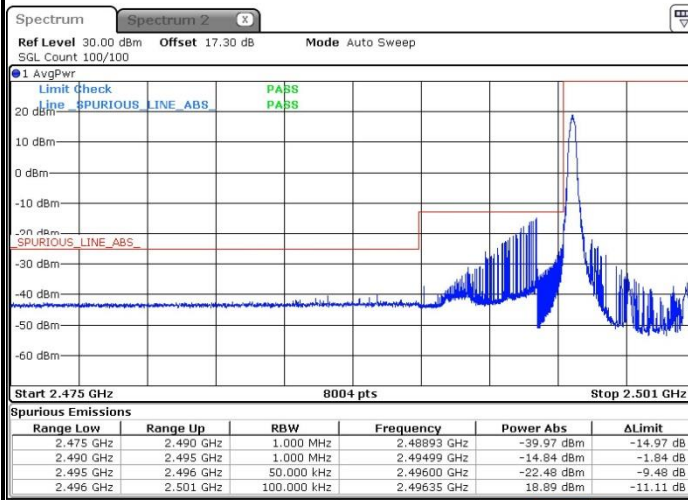
Date: 26 APR 2018 16:13:44

**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**

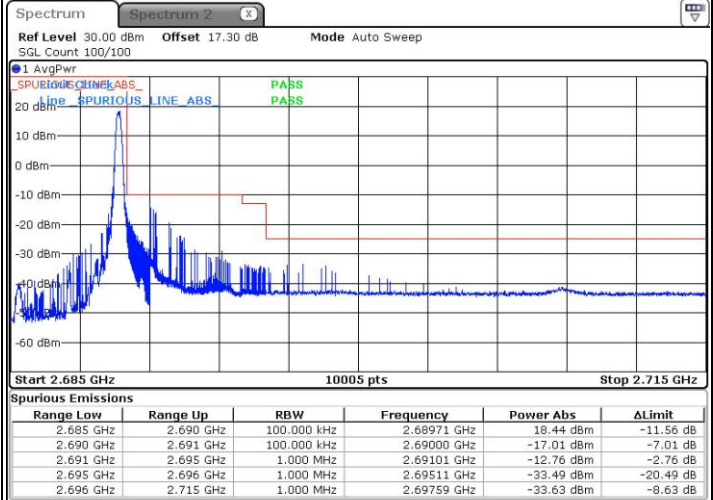


LTE Band 41 / 5MHz / 16QAM

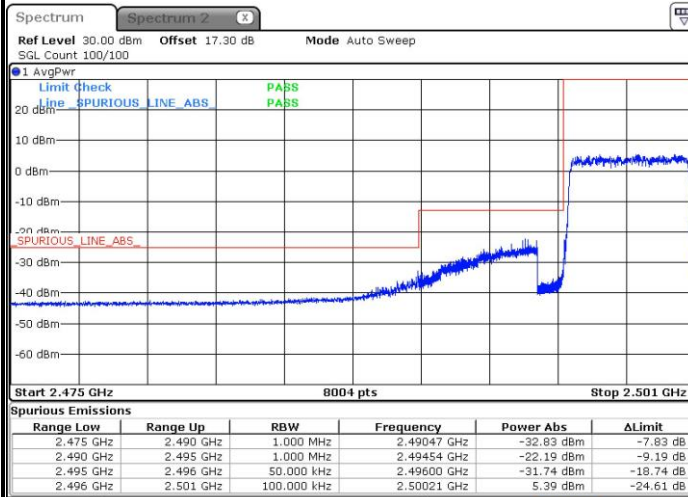
Lowest Band Edge / 1RB



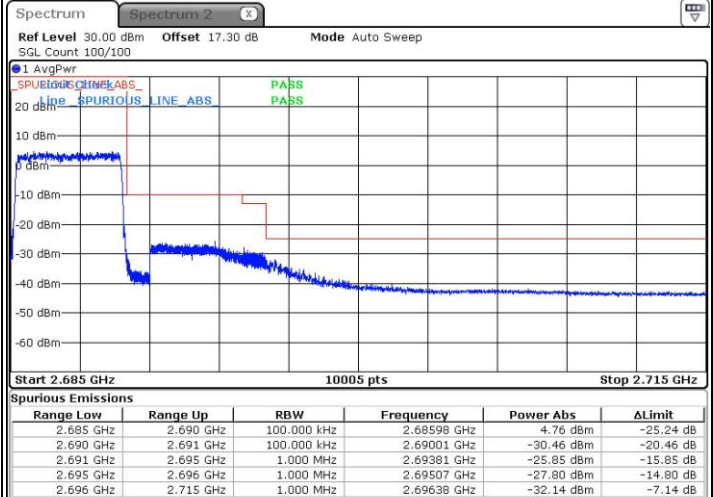
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



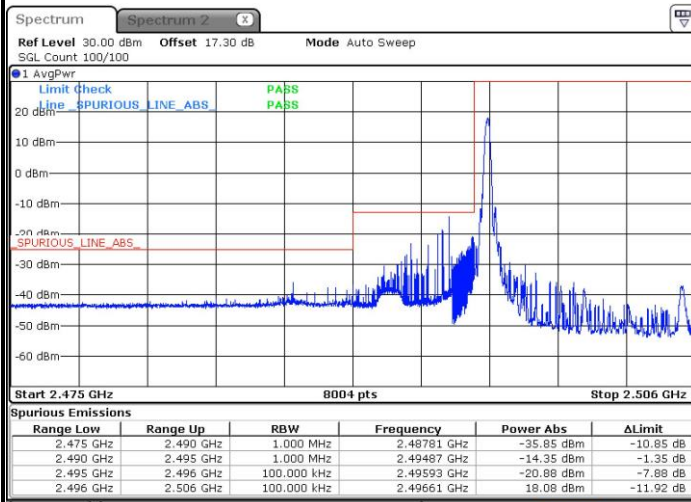
Highest Band Edge / Full RB



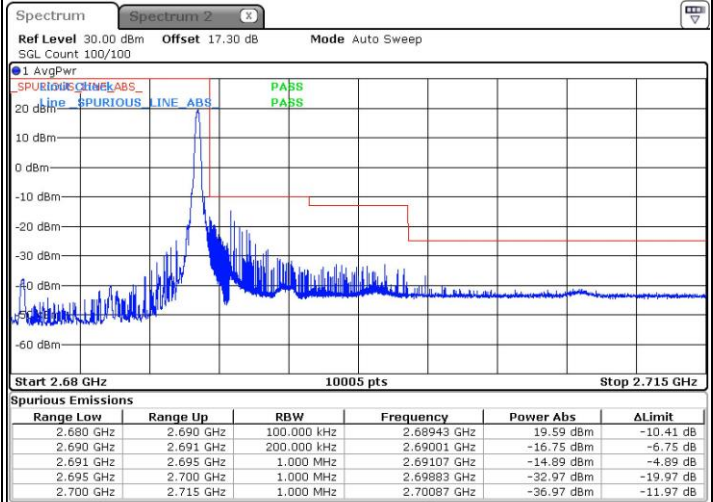


LTE Band 41 / 10MHz / QPSK

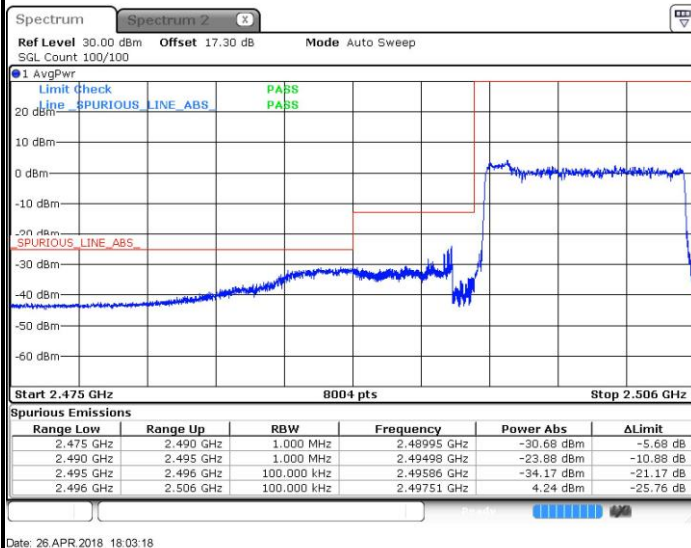
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

