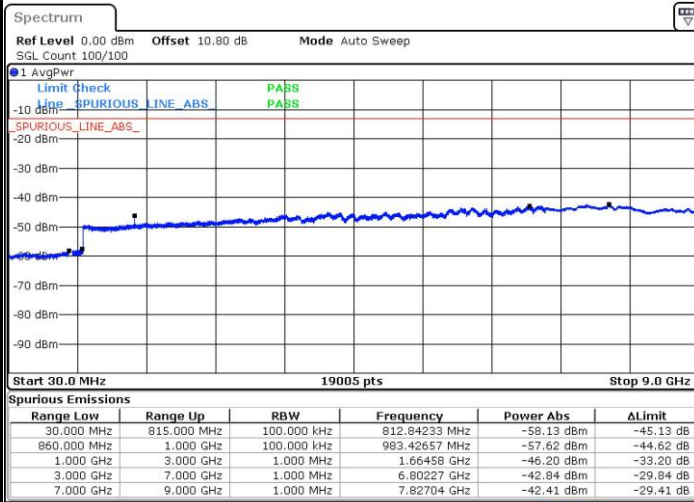




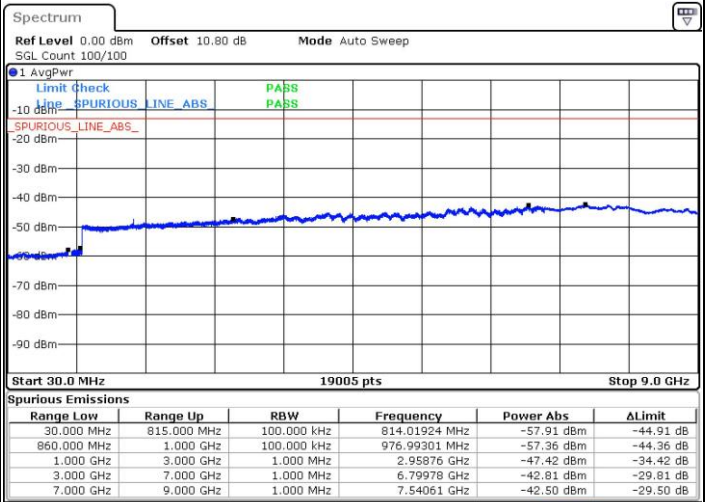
LTE Band 26 / 10MHz

Middle Channel / QPSK



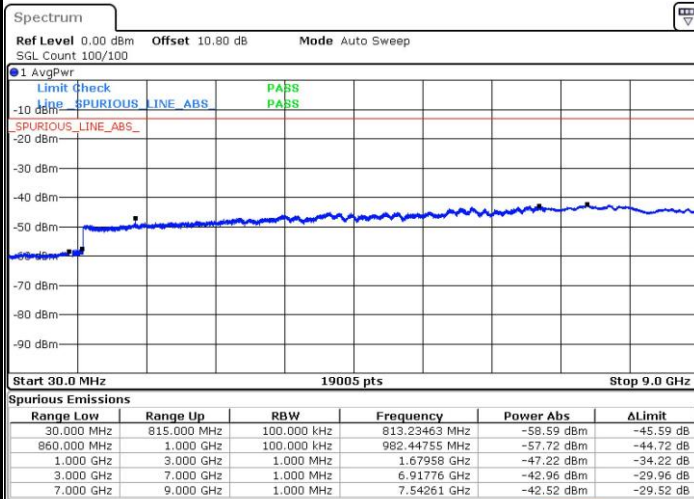
Date: 20 AUG.2018 14:43:14

Middle Channel / 16QAM



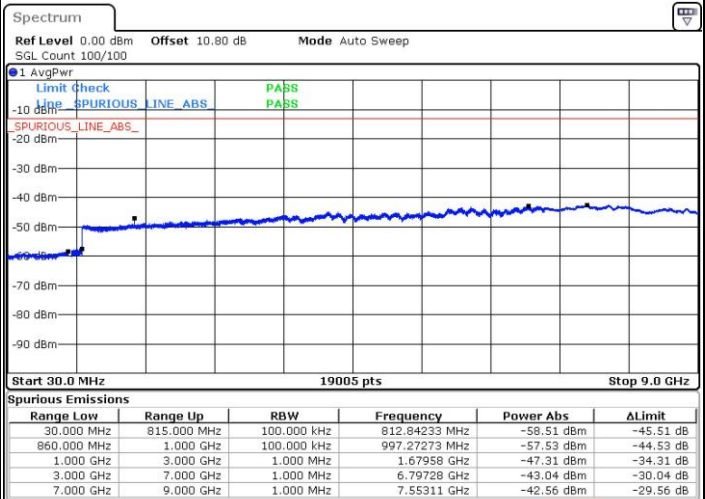
Date: 20 AUG.2018 14:44:14

Highest Channel / QPSK



Date: 20 AUG.2018 14:50:40

Highest Channel / 16QAM

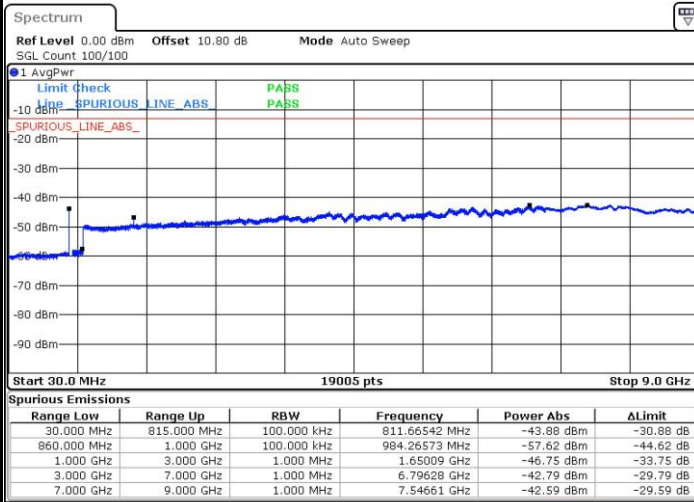


Date: 20 AUG.2018 14:51:40



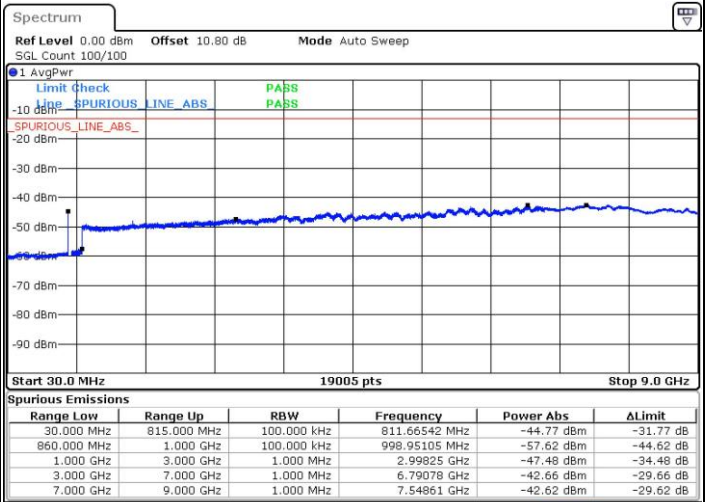
LTE Band 26 / 15MHz

Lowest Channel / QPSK



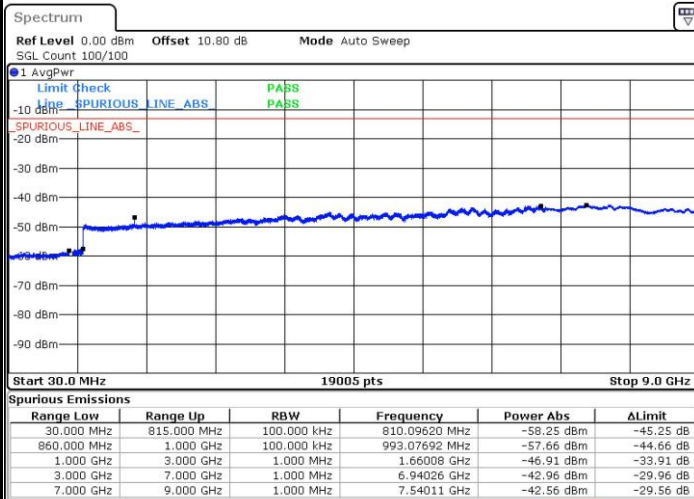
Date: 20 AUG.2018 14:58:06

Lowest Channel / 16QAM



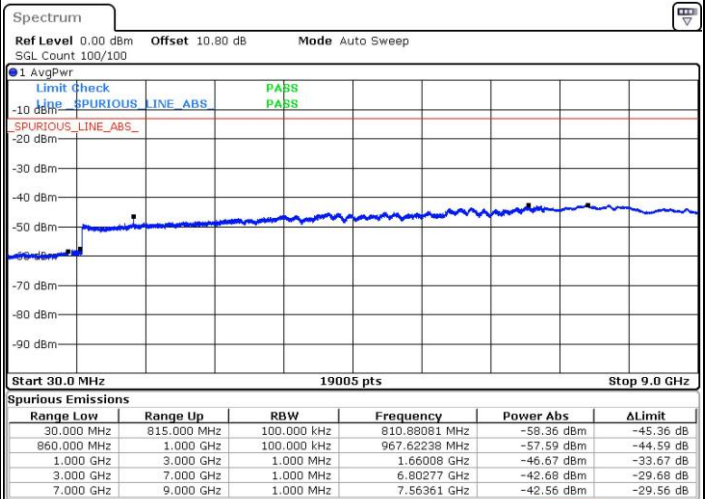
Date: 20 AUG.2018 14:59:07

Middle Channel / QPSK



Date: 20 AUG.2018 15:00:53

Middle Channel / 16QAM

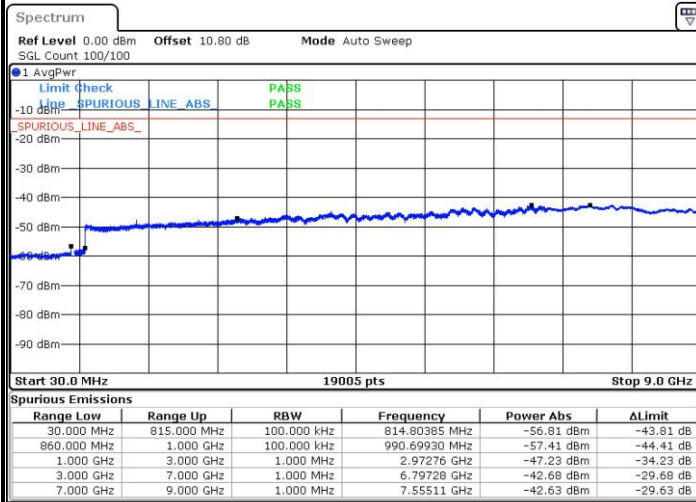


Date: 20 AUG.2018 15:01:53



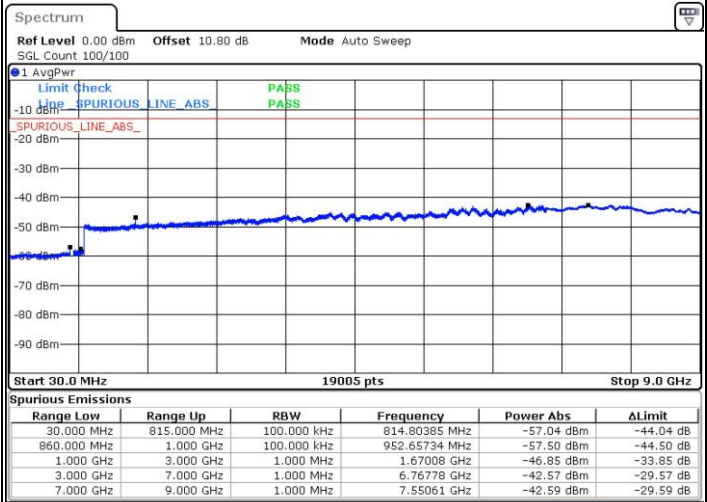
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 20 AUG.2018 15:08:19

Highest Channel / 16QAM



Date: 20 AUG.2018 15:09:19

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	0.0117	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0049	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0106	
0	Normal Voltage	0.0093	
-10	Normal Voltage	0.0057	
-20	Normal Voltage	0.0098	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0133	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0060	

Note:

1. Normal Voltage =3.7 V. ; Battery End Point (BEP) =3.2 V. ; Maximum Voltage =4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

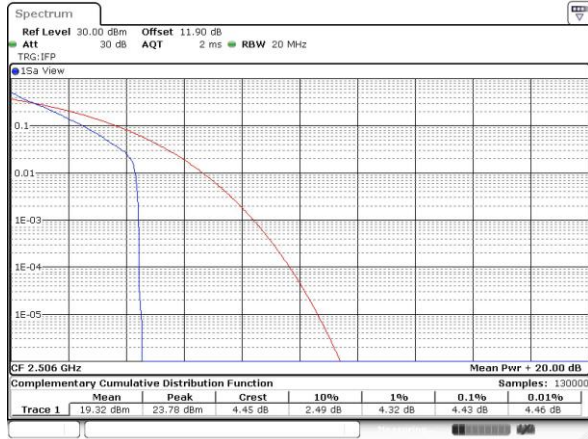
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.43	4.55	5.45	5.74	PASS
Middle CH	5.36	4.78	6.23	5.94	
Highest CH	5.51	4.46	6.23	5.65	

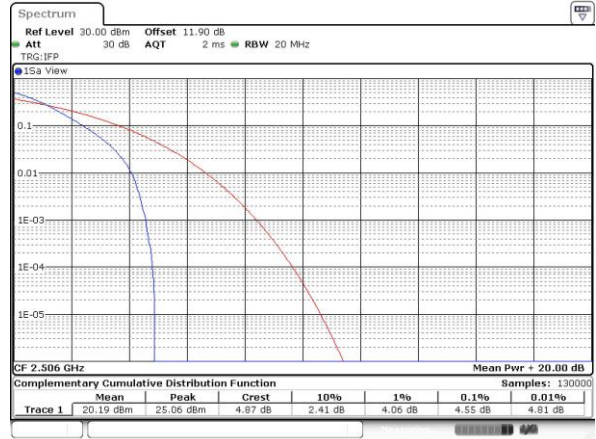


LTE Band 41 / 20MHz / QPSK

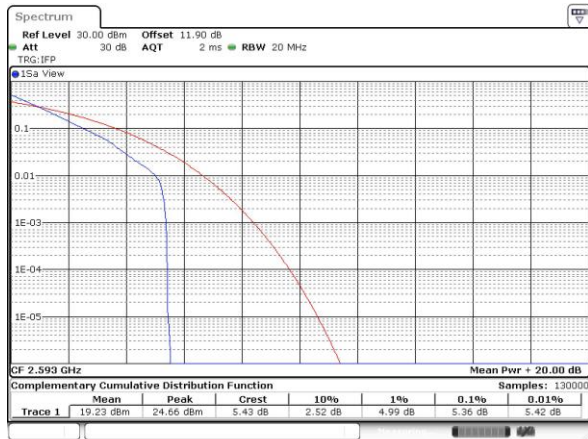
Lowest Channel / 1RB



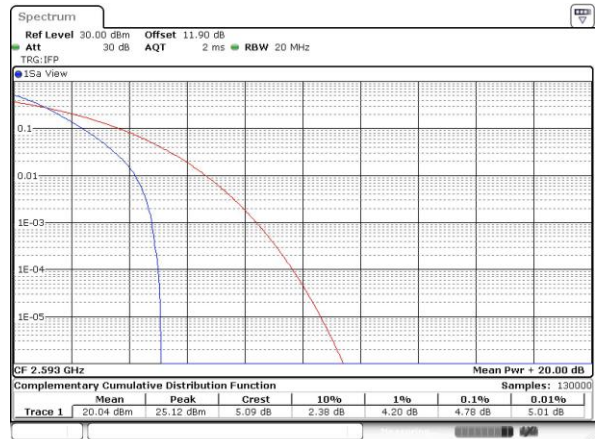
Lowest Channel / Full RB



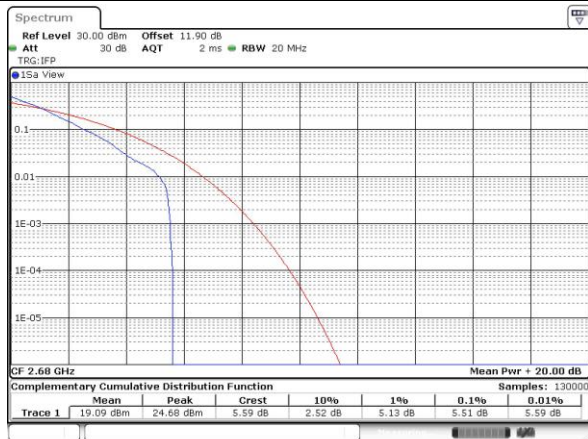
Middle Channel / 1RB



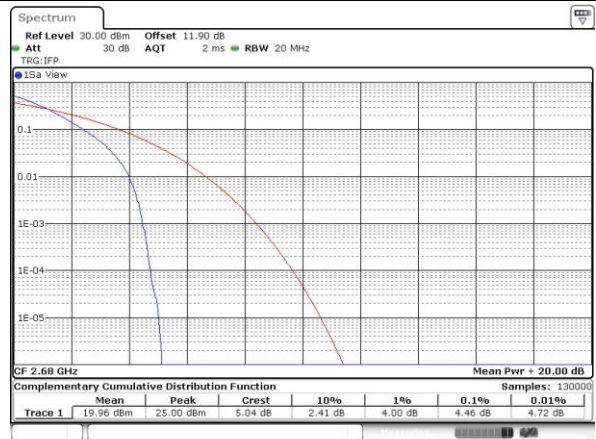
Middle Channel / Full RB



Highest Channel / 1RB



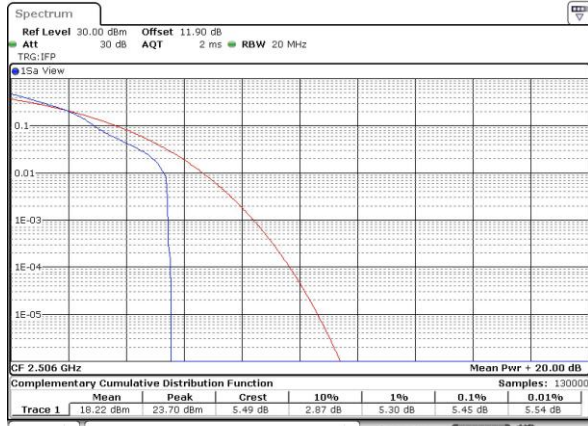
Highest Channel / Full RB





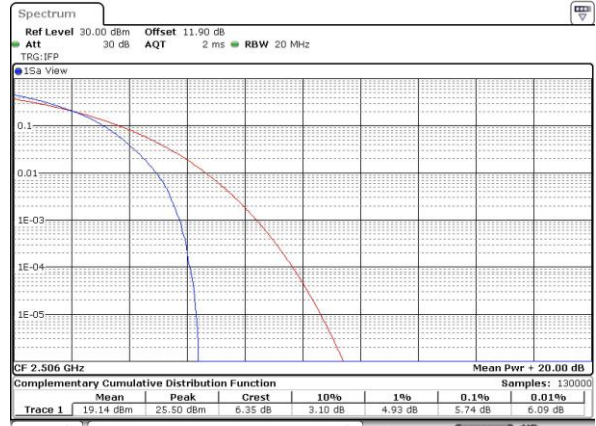
LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



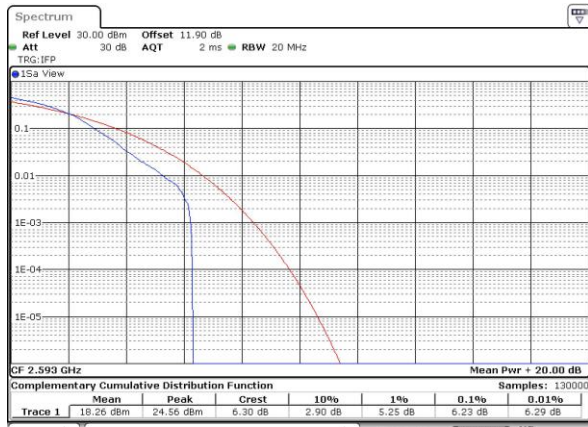
Date: 22 AUG 2018 16:50:51

Lowest Channel / Full RB



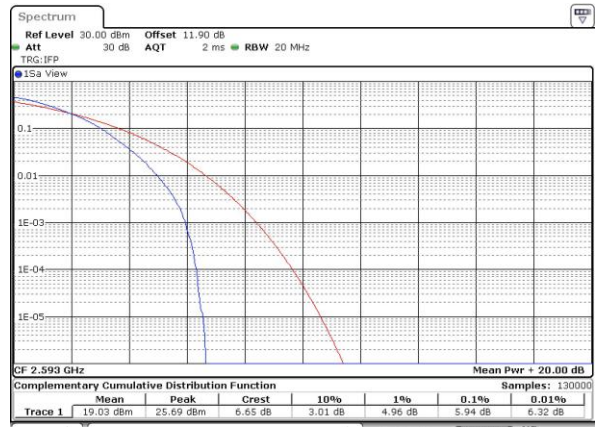
Date: 22 AUG 2018 16:51:09

Middle Channel / 1RB



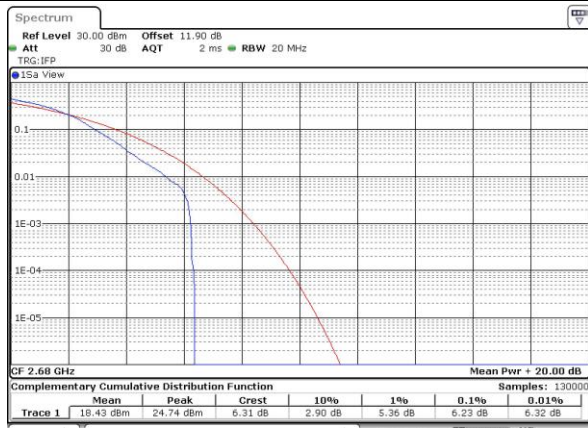
Date: 22 AUG 2018 16:51:28

Middle Channel / Full RB



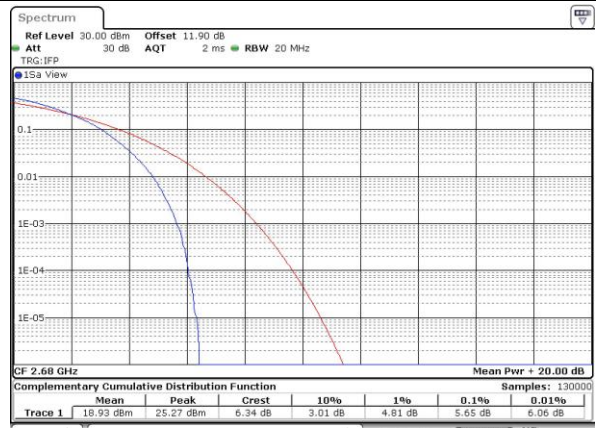
Date: 22 AUG 2018 16:52:04

Highest Channel / 1RB



Date: 22 AUG 2018 16:52:22

Highest Channel / Full RB



Date: 22 AUG 2018 16:53:59



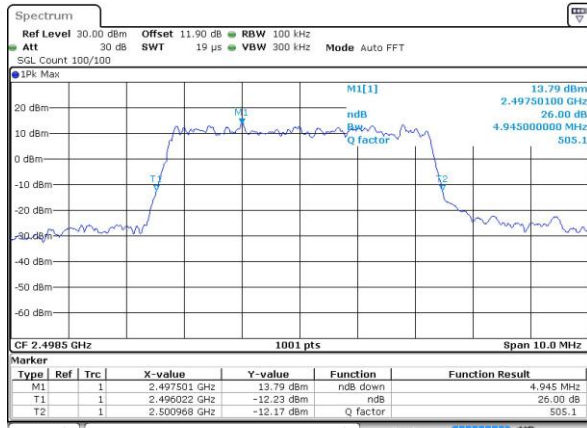
26dB Bandwidth

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	-	-	-	-	4.95	4.81	9.75	9.63	14.18	14.12	19.98	19.94
Middle CH	-	-	-	-	4.78	4.83	9.77	9.79	14.39	14.45	20.06	20.14
Highest CH	-	-	-	-	4.97	4.90	9.79	9.77	14.54	14.42	20.30	19.98



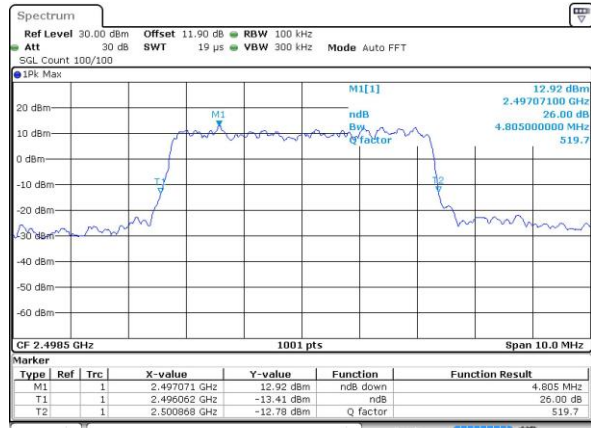
LTE Band 41

Lowest Channel / 5MHz / QPSK



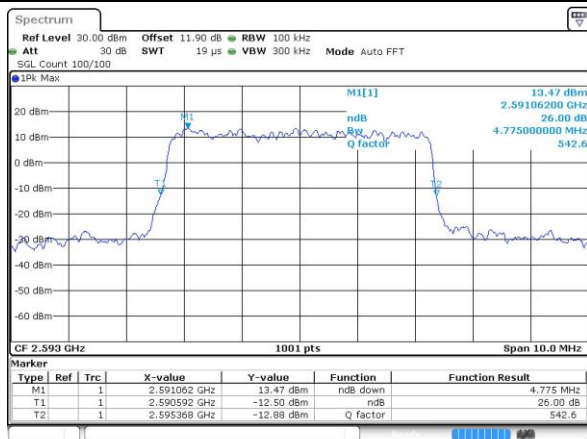
Date: 22 AUG 2018 16:37:32

Lowest Channel / 5MHz / 16QAM



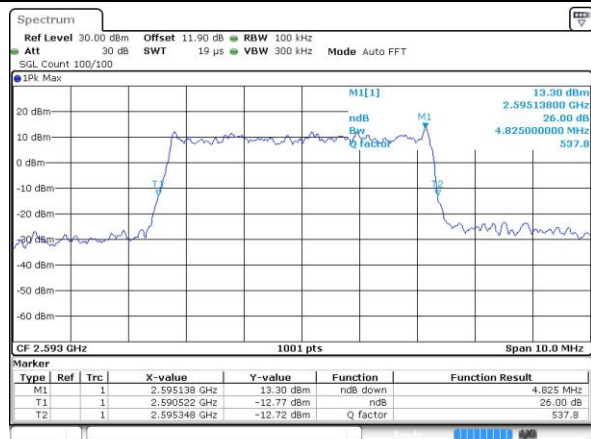
Date: 22 AUG 2018 16:37:43

Middle Channel / 5MHz / QPSK



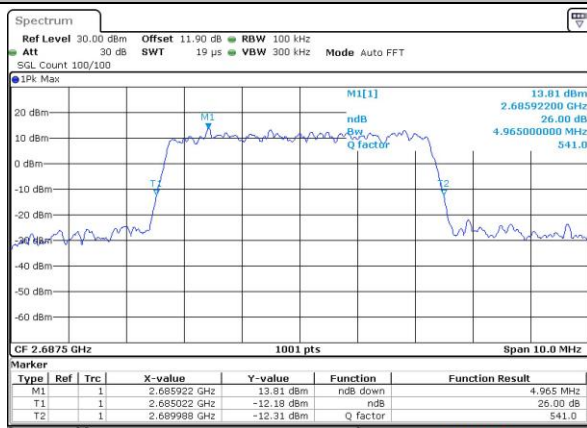
Date: 22 AUG 2018 16:38:17

Middle Channel / 5MHz / 16QAM



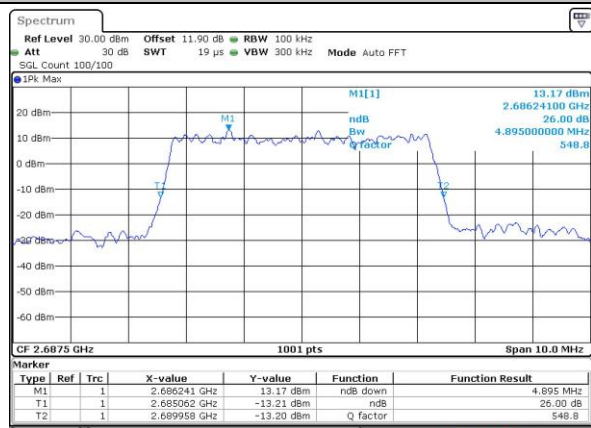
Date: 22 AUG 2018 16:38:29

Highest Channel / 5MHz / QPSK



Date: 22 AUG 2018 16:39:03

Highest Channel / 5MHz / 16QAM

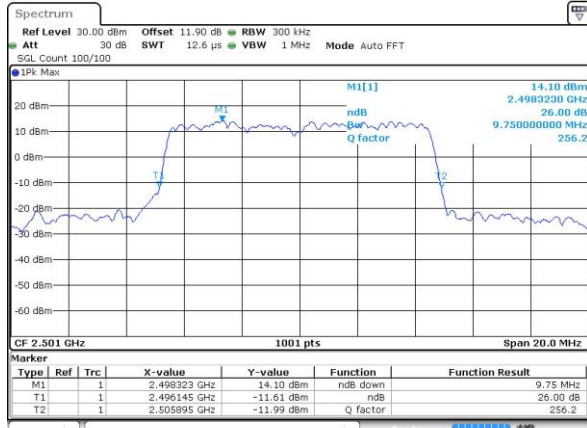


Date: 22 AUG 2018 16:39:14



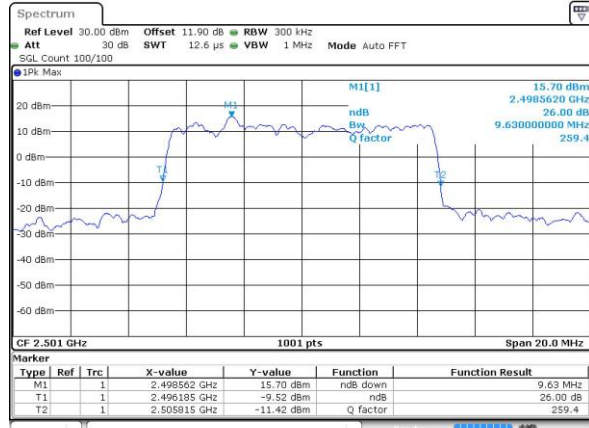
LTE Band 41

Lowest Channel / 10MHz / QPSK



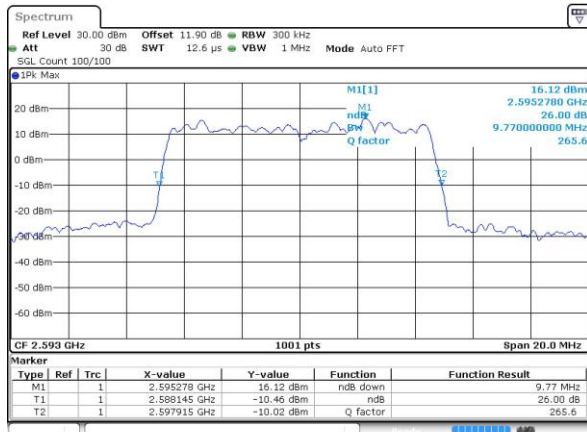
Date: 22 AUG 2018 16:39:49

Lowest Channel / 10MHz / 16QAM



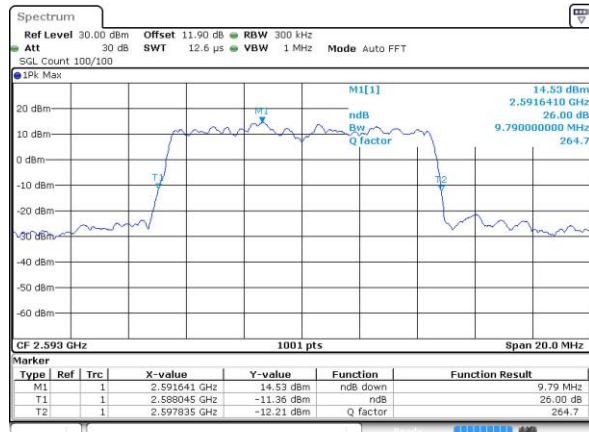
Date: 22 AUG 2018 16:40:00

Middle Channel / 10MHz / QPSK



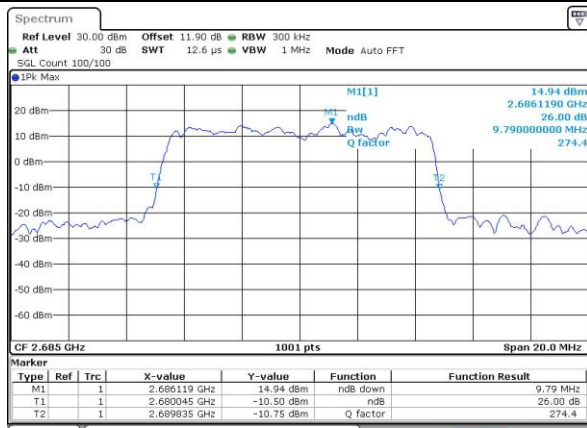
Date: 22 AUG 2018 16:40:34

Middle Channel / 10MHz / 16QAM



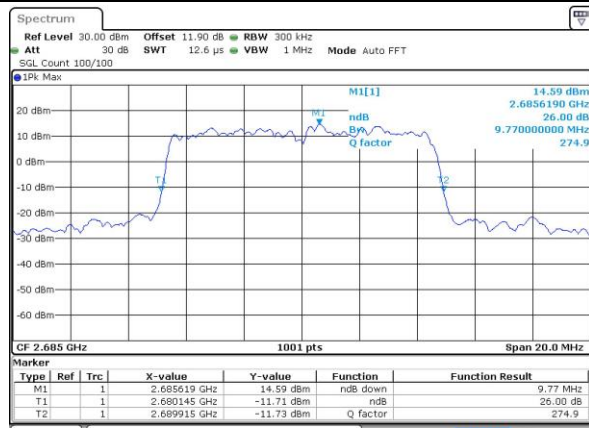
Date: 22 AUG 2018 16:40:46

Highest Channel / 10MHz / QPSK



Date: 22 AUG 2018 16:41:20

Highest Channel / 10MHz / 16QAM

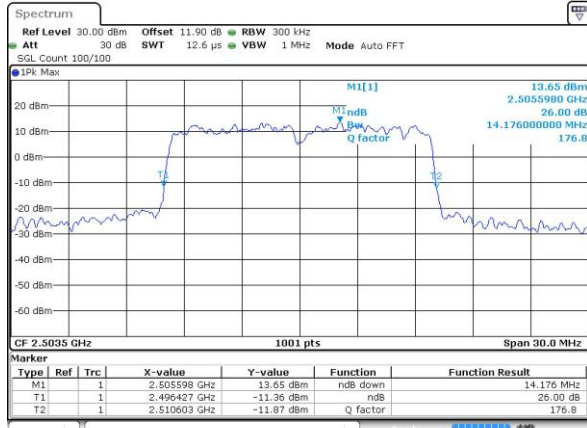


Date: 22 AUG 2018 16:41:31



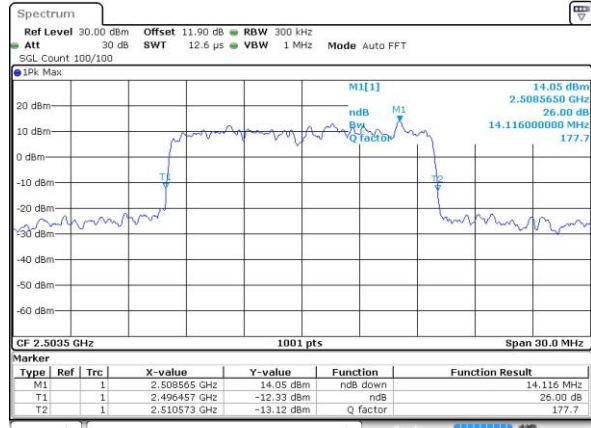
LTE Band 41

Lowest Channel / 15MHz / QPSK



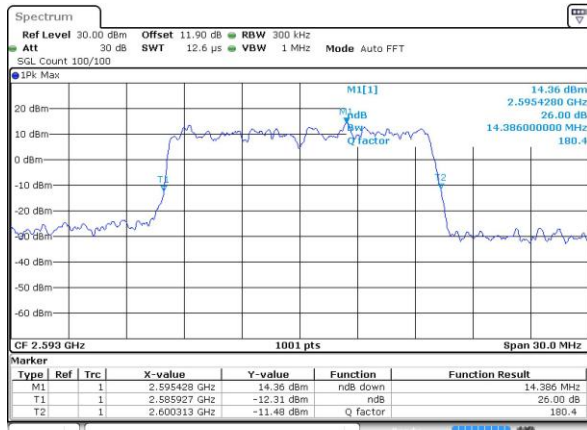
Date: 22 AUG 2018 16:42:06

Lowest Channel / 15MHz / 16QAM



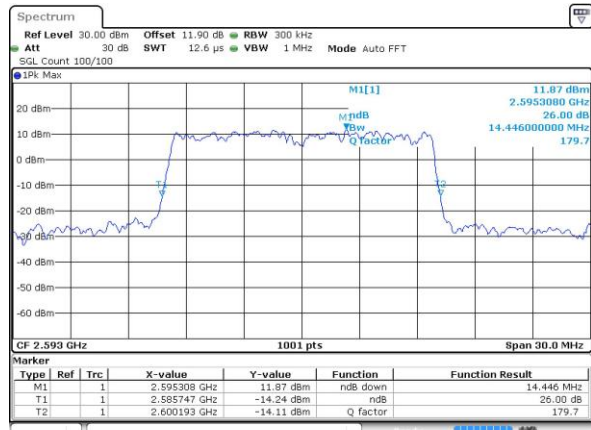
Date: 22 AUG 2018 16:42:17

Middle Channel / 15MHz / QPSK



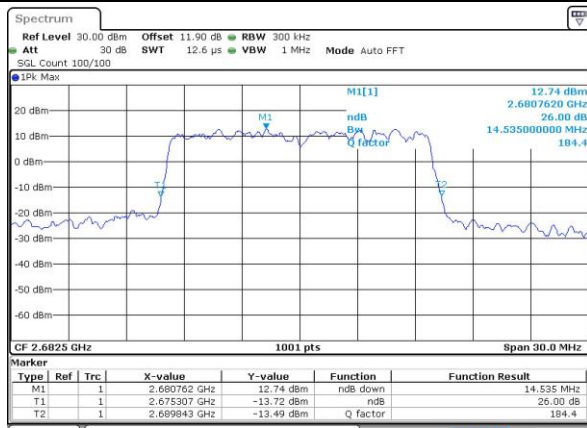
Date: 22 AUG 2018 16:42:52

Middle Channel / 15MHz / 16QAM



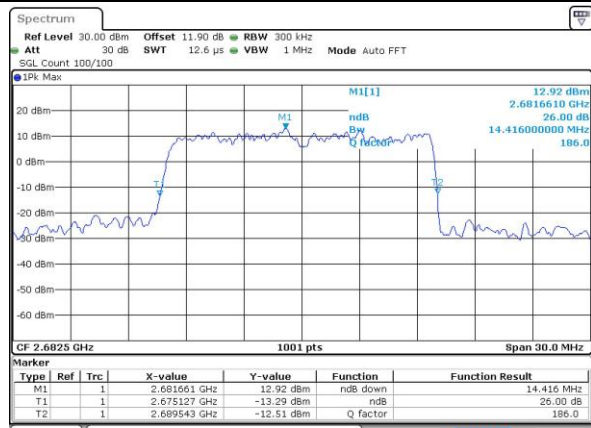
Date: 22 AUG 2018 16:43:03

Highest Channel / 15MHz / QPSK



Date: 22 AUG 2018 16:43:37

Highest Channel / 15MHz / 16QAM

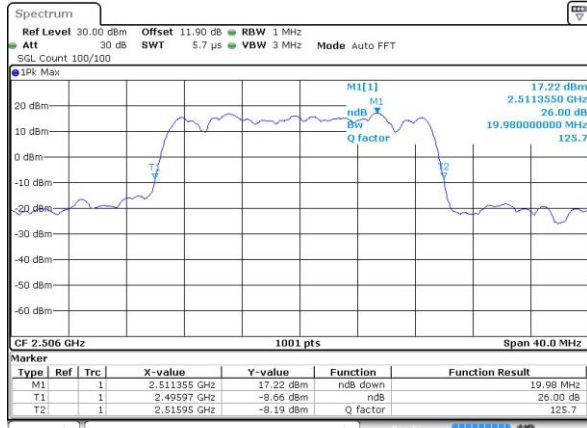


Date: 22 AUG 2018 16:43:49

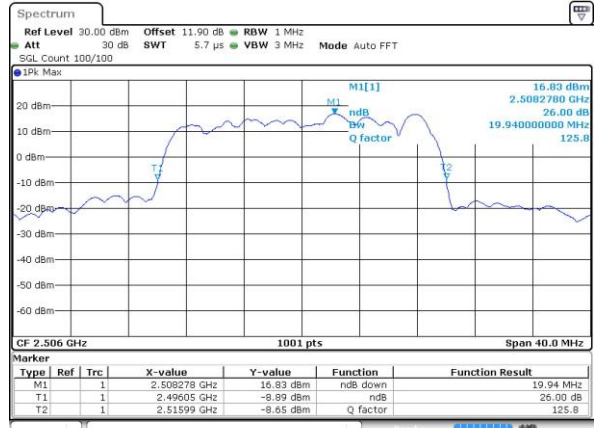


LTE Band 41

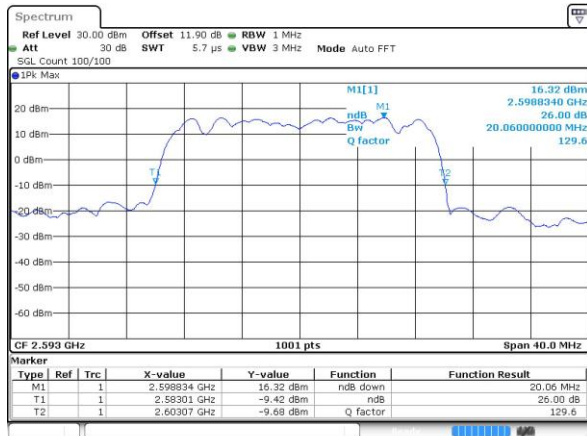
Lowest Channel / 20MHz / QPSK



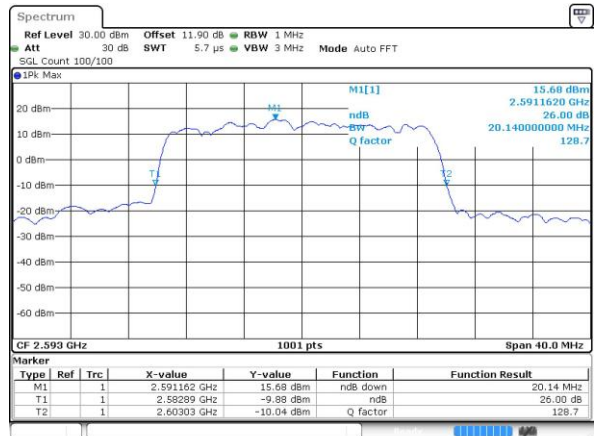
Lowest Channel / 20MHz / 16QAM



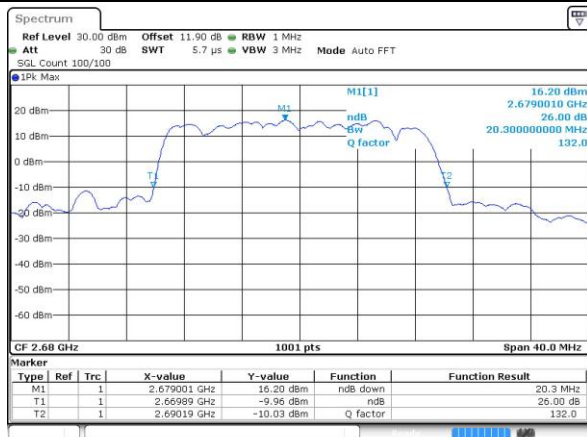
Middle Channel / 20MHz / QPSK



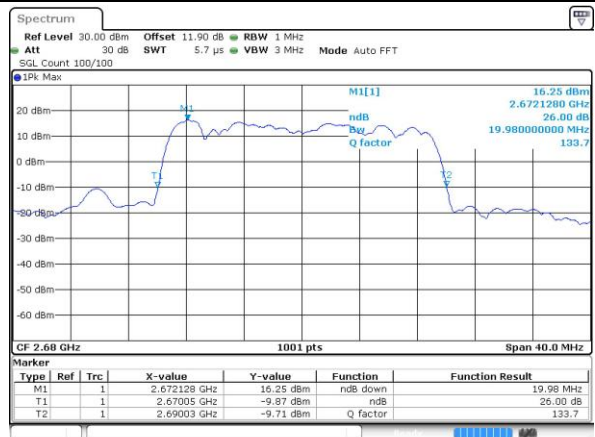
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



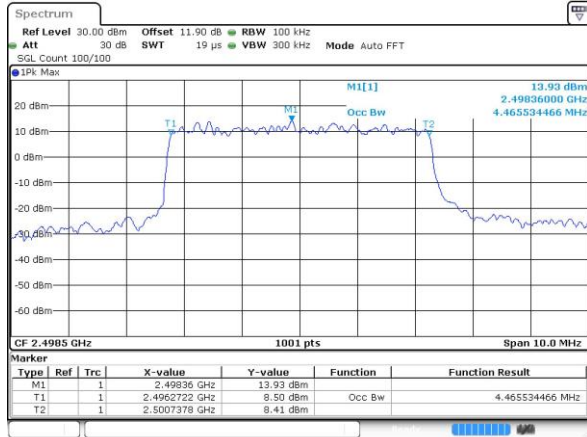
**Occupied Bandwidth**

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	-	-	-	-	4.47	4.52	9.07	9.01	13.46	13.40	18.30	18.22
Middle CH	-	-	-	-	4.47	4.50	9.07	8.97	13.43	13.40	18.14	18.26
Highest CH	-	-	-	-	4.53	4.48	8.99	9.03	13.40	13.43	18.38	18.38



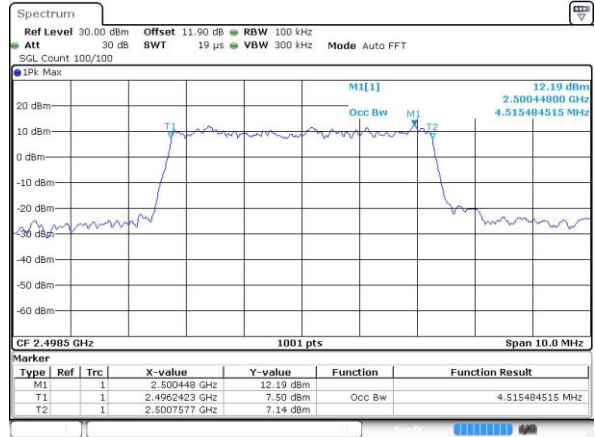
LTE Band 41

Lowest Channel / 5MHz / QPSK



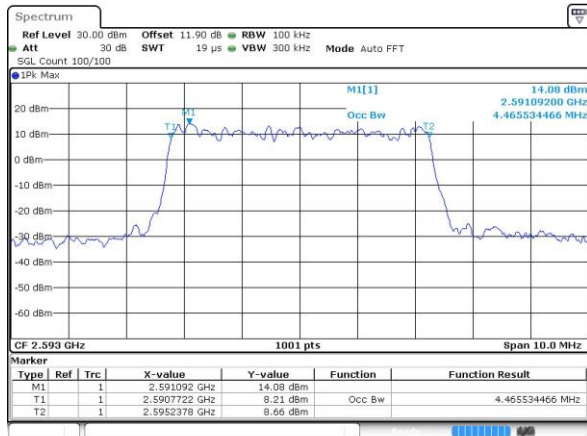
Date: 22 AUG 2018 16:37:09

Lowest Channel / 5MHz / 16QAM



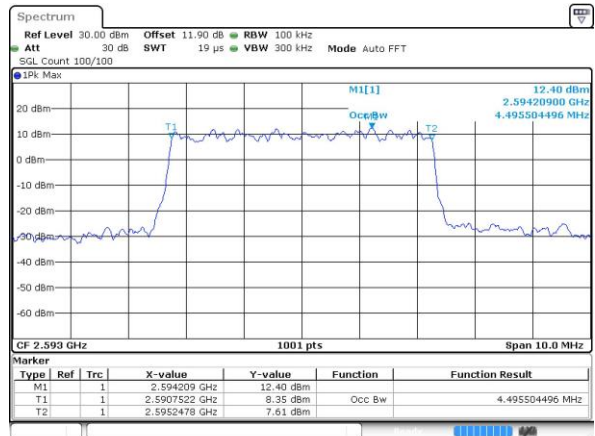
Date: 22 AUG 2018 16:37:20

Middle Channel / 5MHz / QPSK



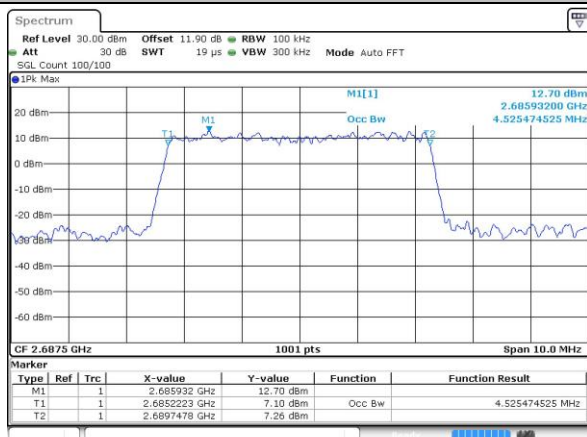
Date: 22 AUG 2018 16:37:54

Middle Channel / 5MHz / 16QAM



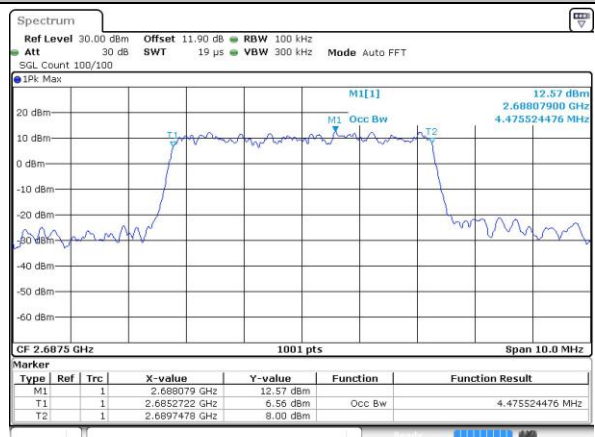
Date: 22 AUG 2018 16:38:06

Highest Channel / 5MHz / QPSK



Date: 22 AUG 2018 16:38:40

Highest Channel / 5MHz / 16QAM

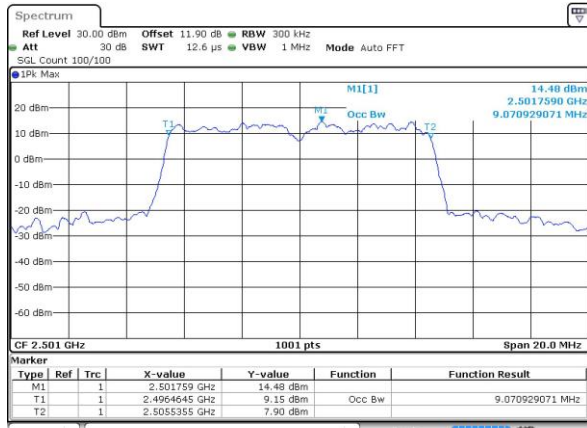


Date: 22 AUG 2018 16:38:52



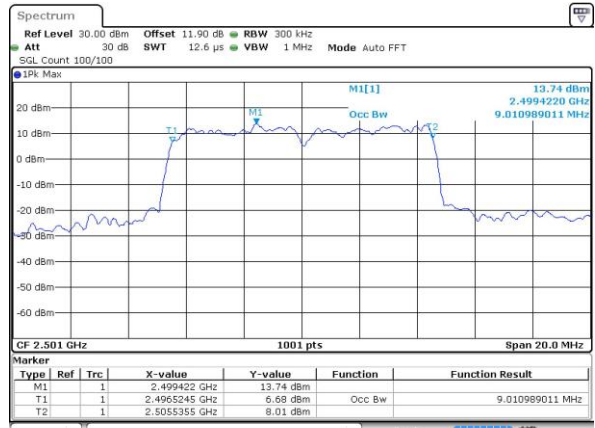
LTE Band 41

Lowest Channel / 10MHz / QPSK



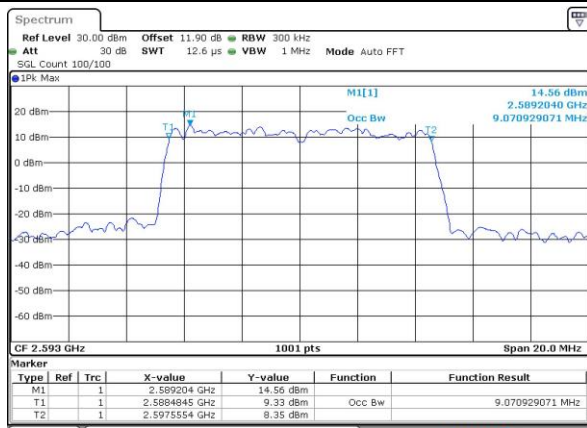
Date: 22 AUG 2018 16:39:26

Lowest Channel / 10MHz / 16QAM



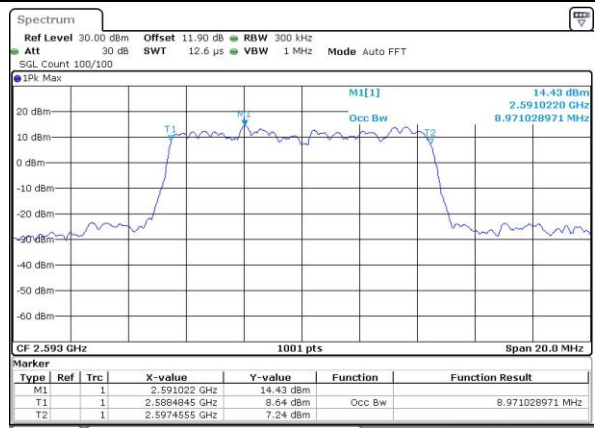
Date: 22 AUG 2018 16:39:37

Middle Channel / 10MHz / QPSK



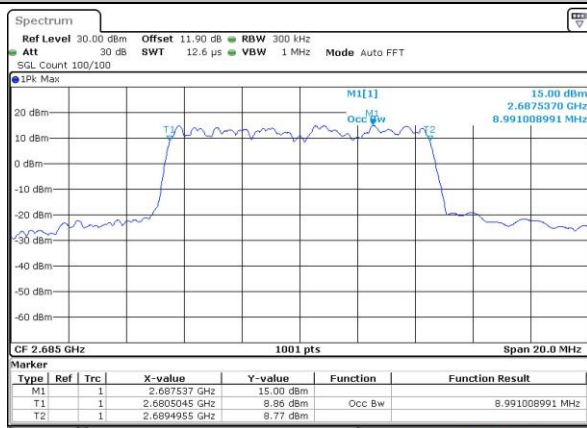
Date: 22 AUG 2018 16:40:11

Middle Channel / 10MHz / 16QAM



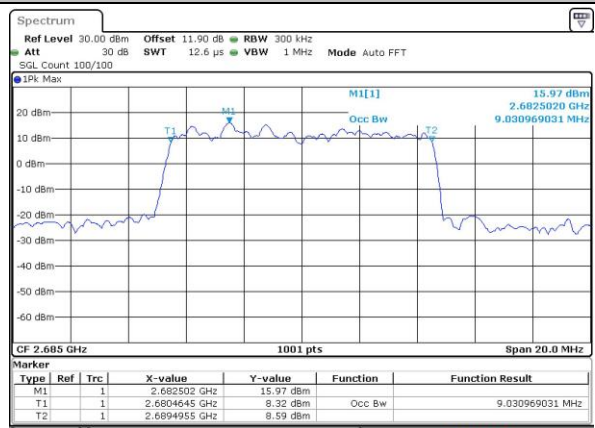
Date: 22 AUG 2018 16:40:23

Highest Channel / 10MHz / QPSK



Date: 22 AUG 2018 16:40:57

Highest Channel / 10MHz / 16QAM



Date: 22 AUG 2018 16:41:09



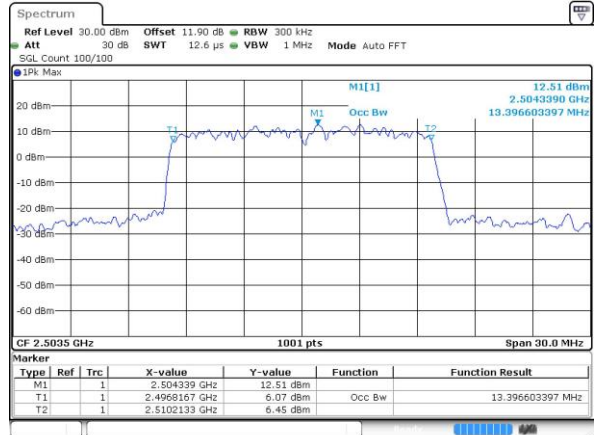
LTE Band 41

Lowest Channel / 15MHz / QPSK



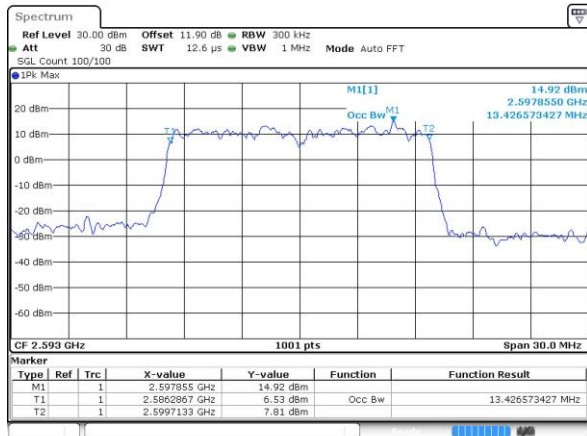
Date: 22 AUG 2018 16:41:43

Lowest Channel / 15MHz / 16QAM



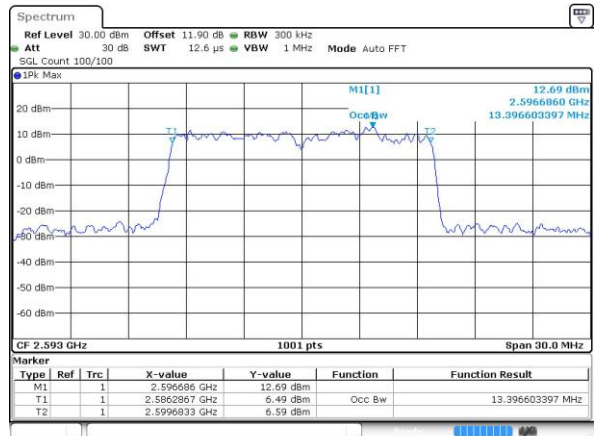
Date: 22 AUG 2018 16:41:54

Middle Channel / 15MHz / QPSK



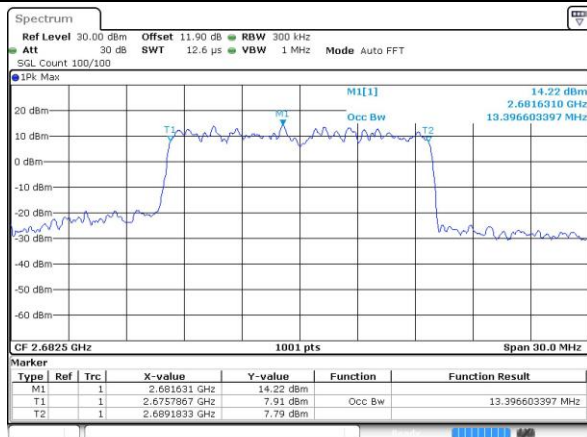
Date: 22 AUG 2018 16:42:29

Middle Channel / 15MHz / 16QAM



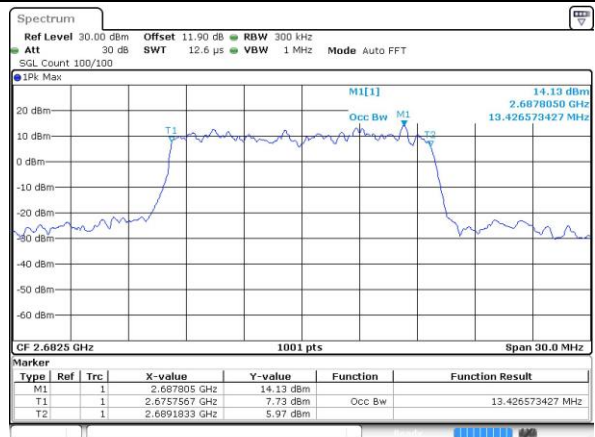
Date: 22 AUG 2018 16:42:40

Highest Channel / 15MHz / QPSK



Date: 22 AUG 2018 16:43:14

Highest Channel / 15MHz / 16QAM

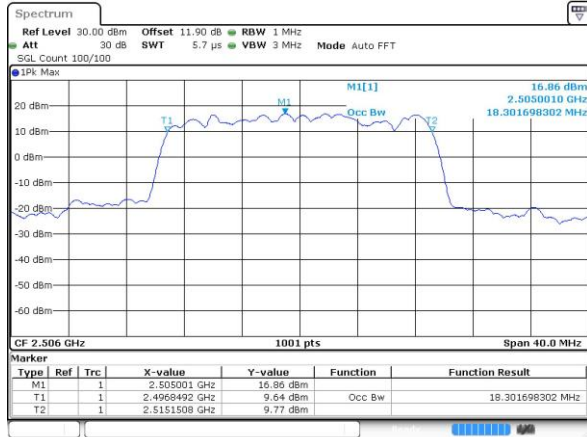


Date: 22 AUG 2018 16:43:26



LTE Band 41

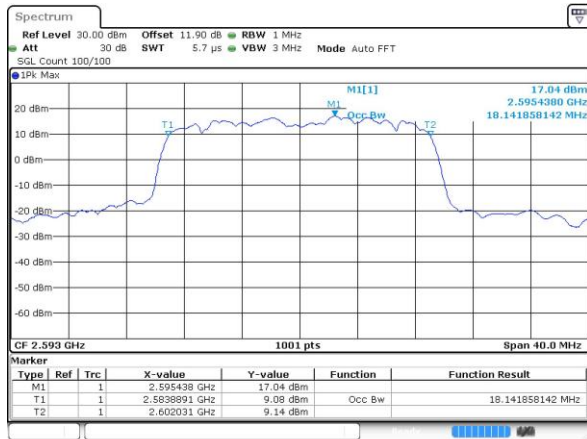
Lowest Channel / 20MHz / QPSK



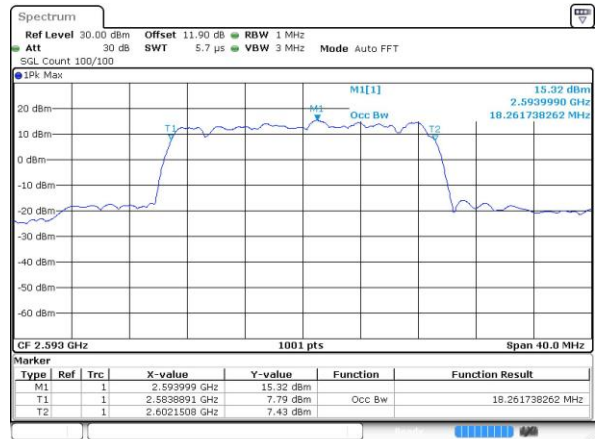
Lowest Channel / 20MHz / 16QAM



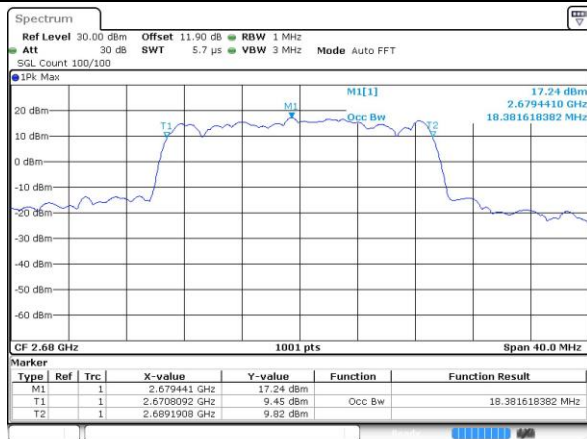
Middle Channel / 20MHz / QPSK



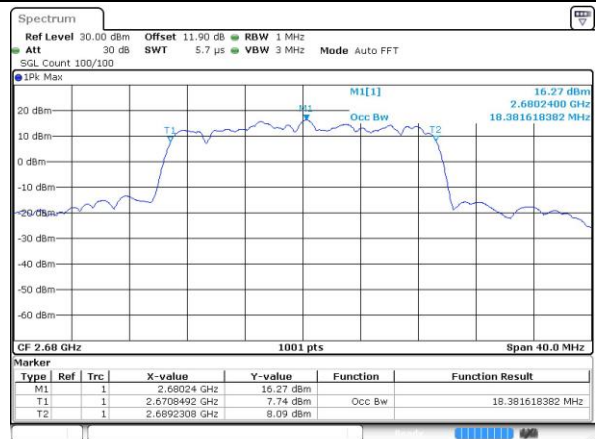
Middle Channel / 20MHz / 16QAM

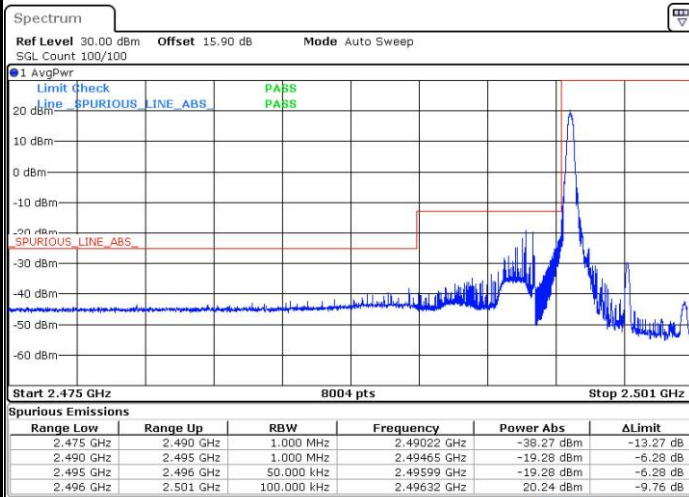
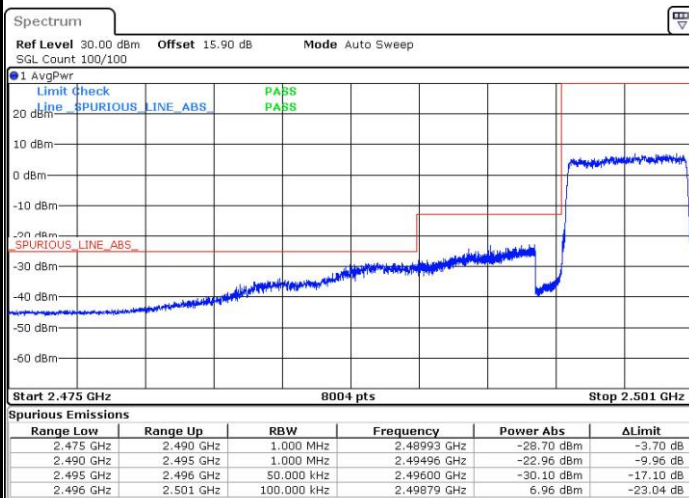
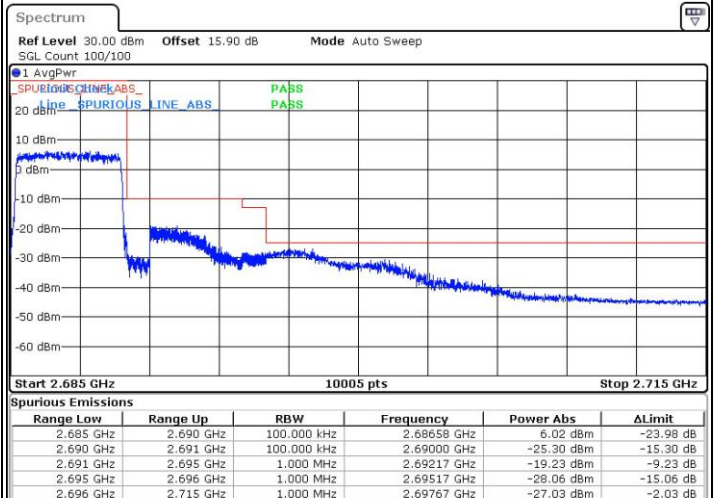


Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

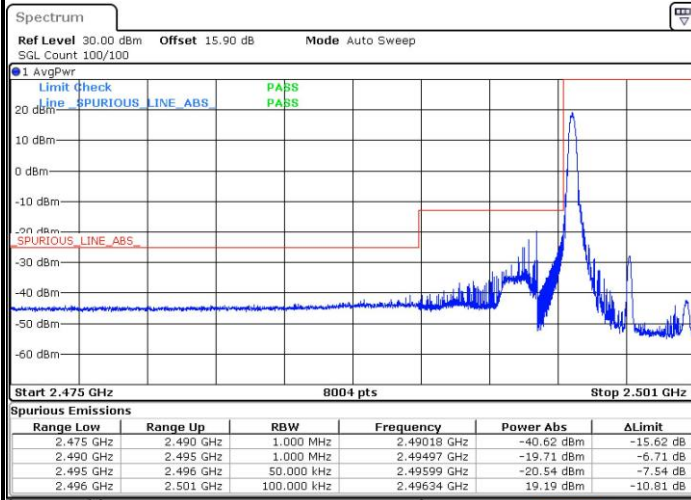


**Conducted Band Edge****LTE Band 41 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

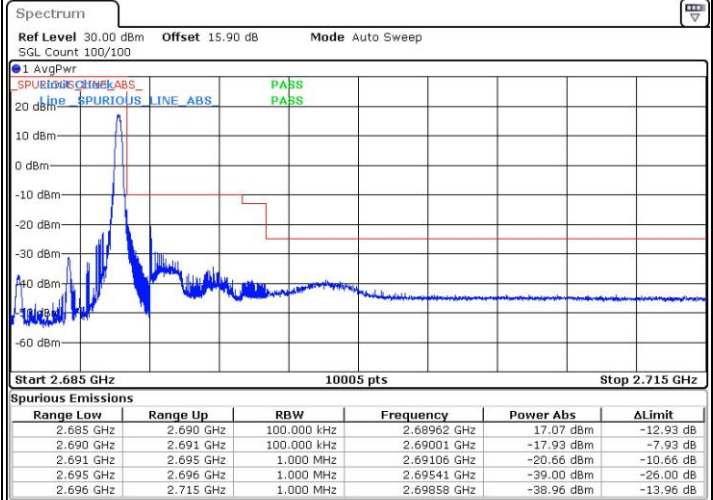


LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



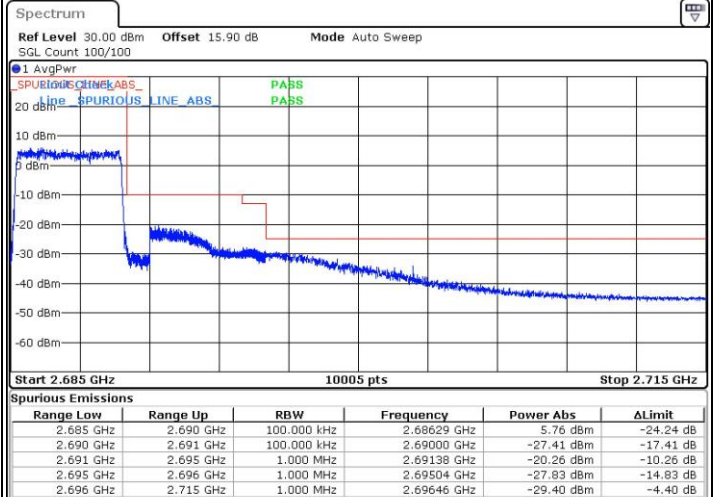
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



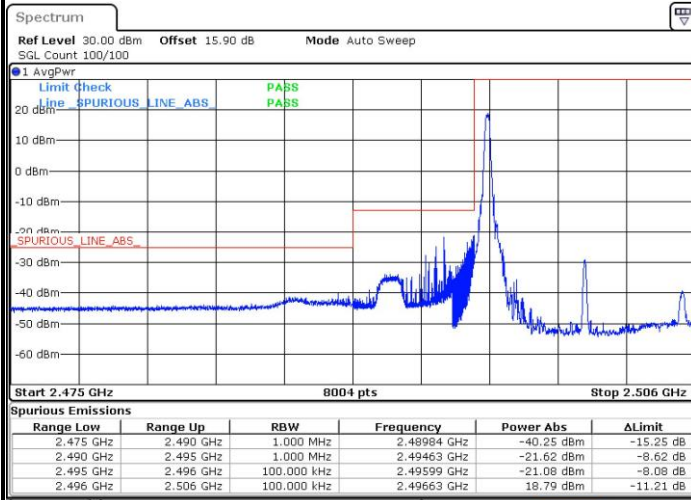
Highest Band Edge / Full RB



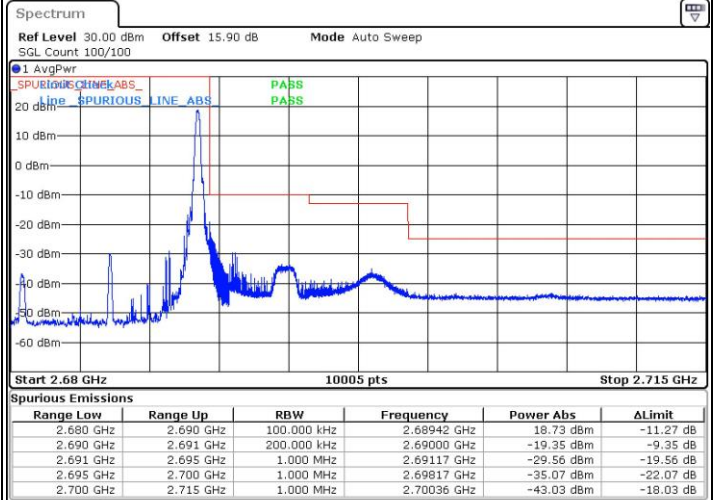


LTE Band 41 / 10MHz / QPSK

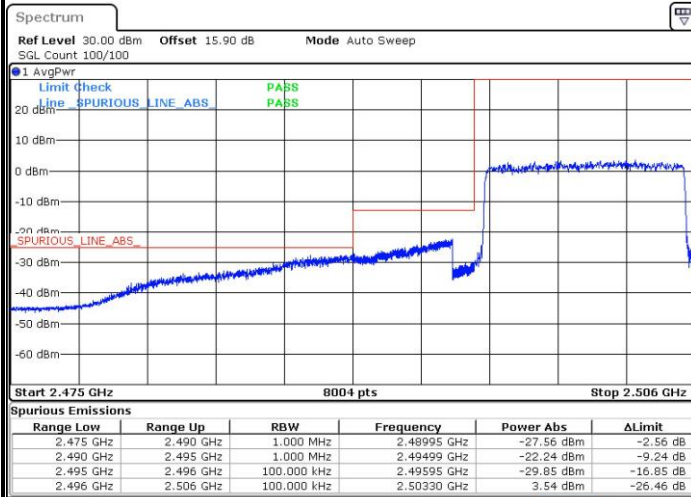
Lowest Band Edge / 1 RB



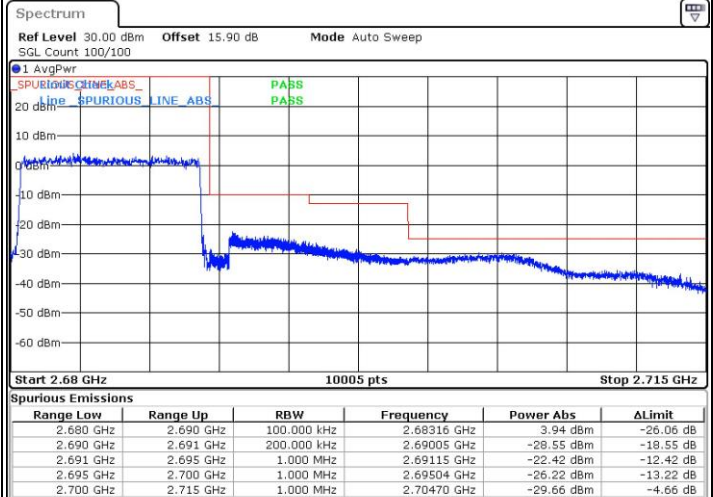
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



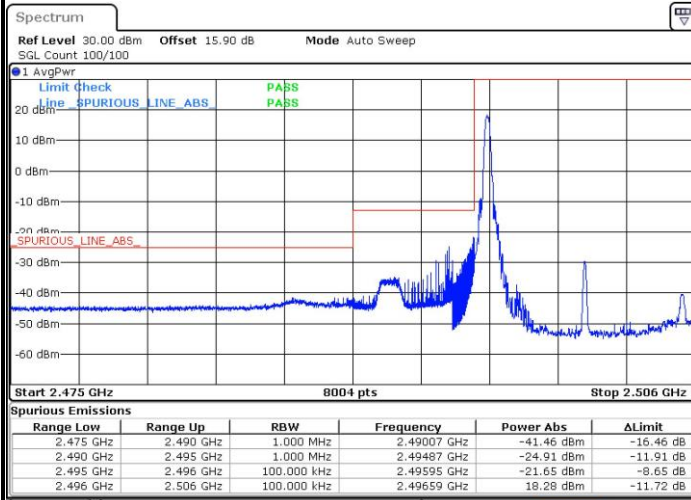
Highest Band Edge / Full RB





LTE Band 41 / 10MHz / 16QAM

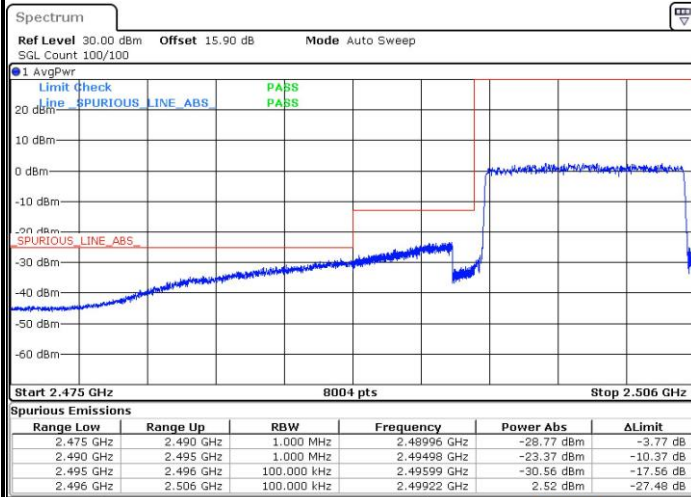
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

