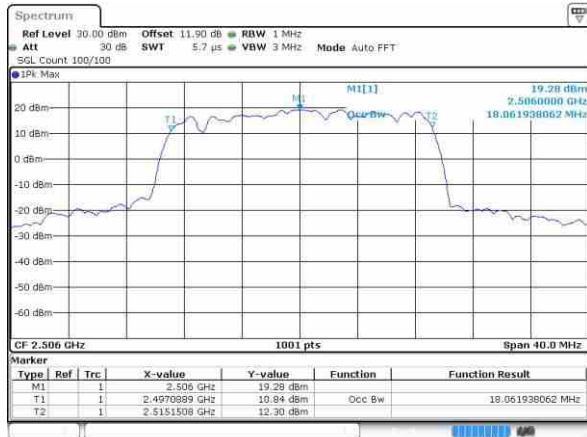


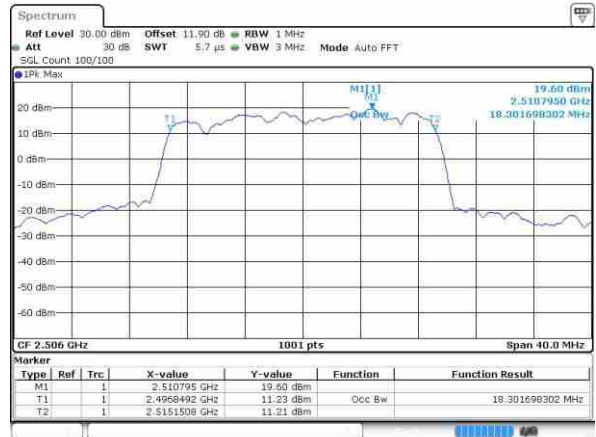


LTE Band 41

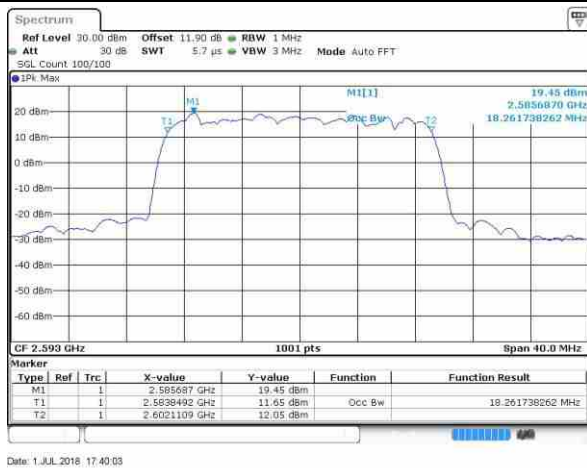
Lowest Channel / 20MHz / QPSK



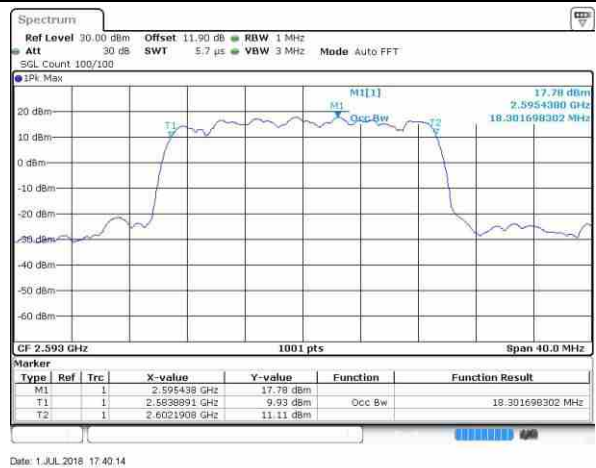
Lowest Channel / 20MHz / 16QAM



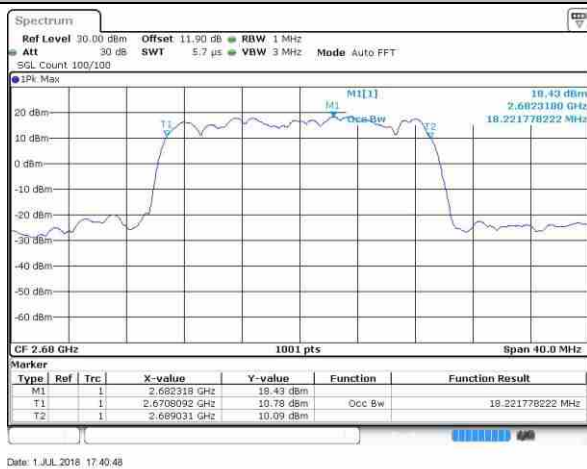
Middle Channel / 20MHz / QPSK



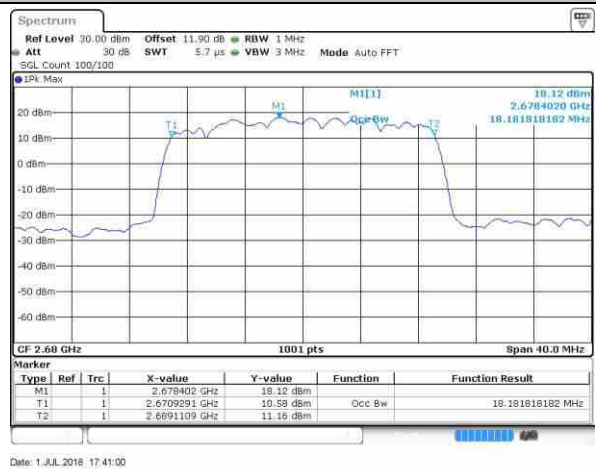
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



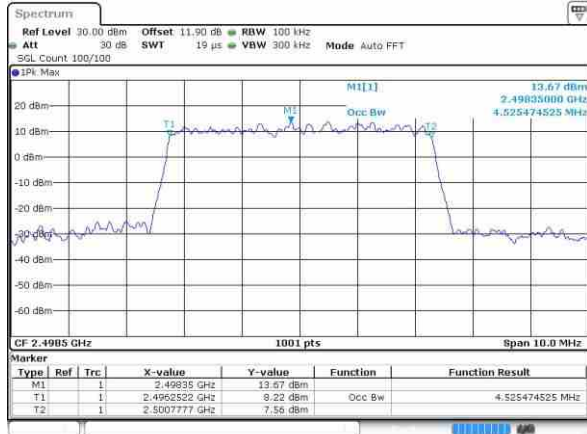
Highest Channel / 20MHz / 16QAM





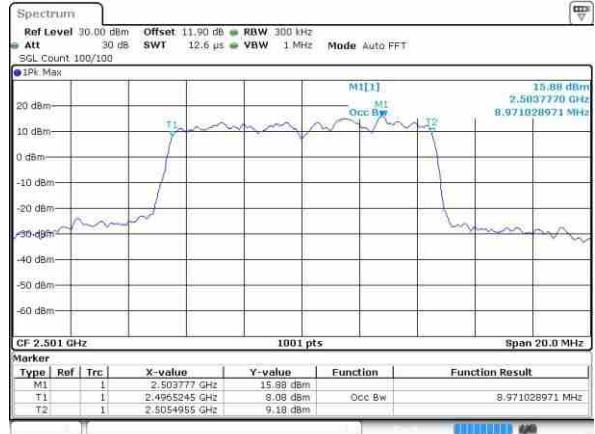
LTE Band 41

Lowest Channel / 5MHz / 64QAM



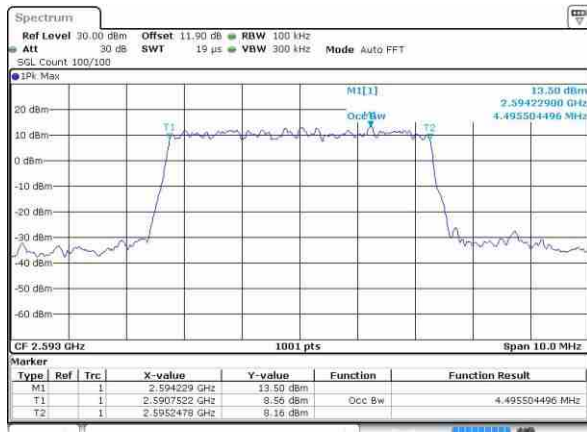
Date: 1 JUL 2018 17:13:35

Lowest Channel / 10MHz / 64QAM



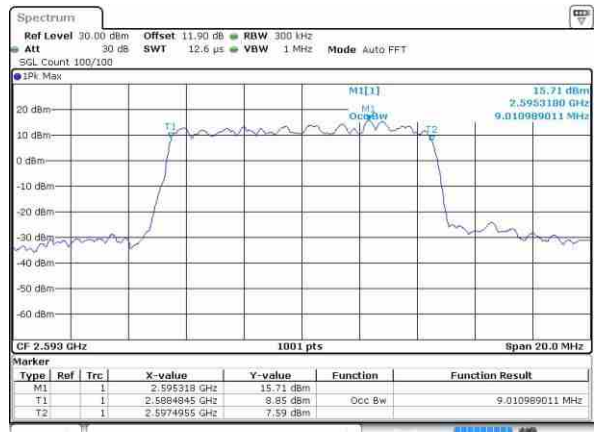
Date: 1 JUL 2018 17:14:44

Middle Channel / 5MHz / 64QAM



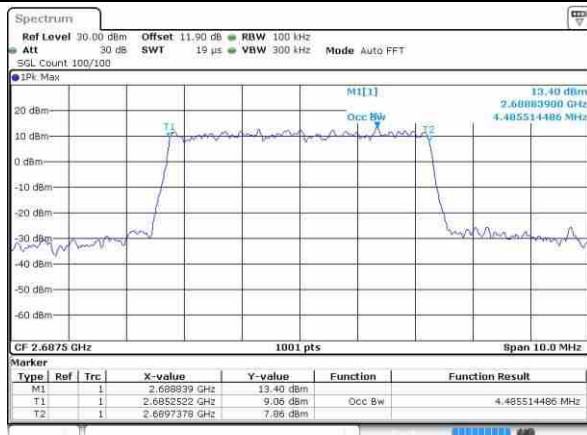
Date: 1 JUL 2018 17:13:58

Middle Channel / 10MHz / 64QAM



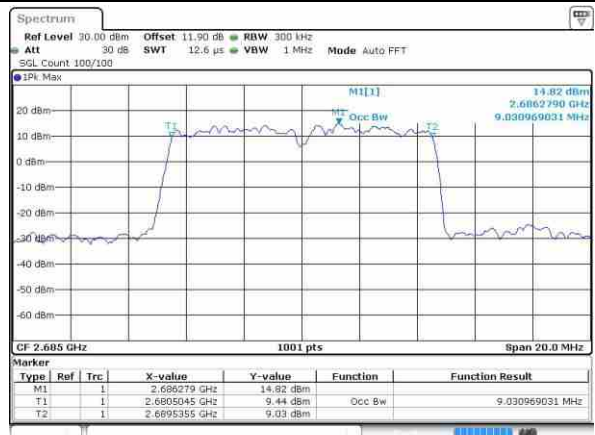
Date: 1 JUL 2018 17:15:08

Highest Channel / 5MHz / 64QAM



Date: 1 JUL 2018 17:14:21

Highest Channel / 10MHz / 64QAM

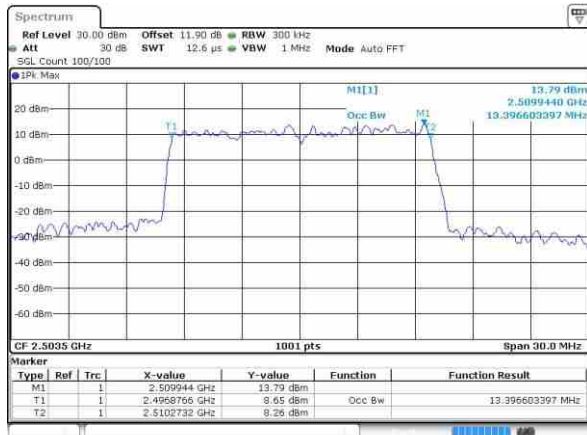


Date: 1 JUL 2018 17:15:29



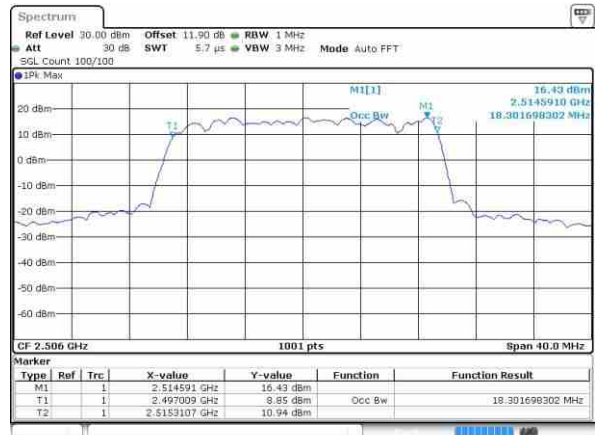
LTE Band 41

Lowest Channel / 15MHz / 64QAM



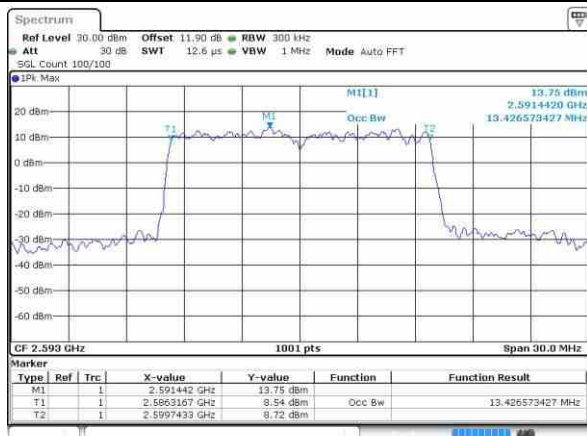
Date: 1 JUL 2018 17:15:22

Lowest Channel / 20MHz / 64QAM



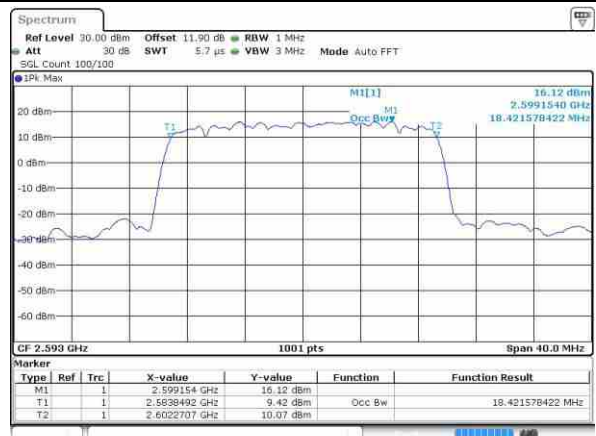
Date: 1 JUL 2018 17:17:00

Middle Channel / 15MHz / 64QAM



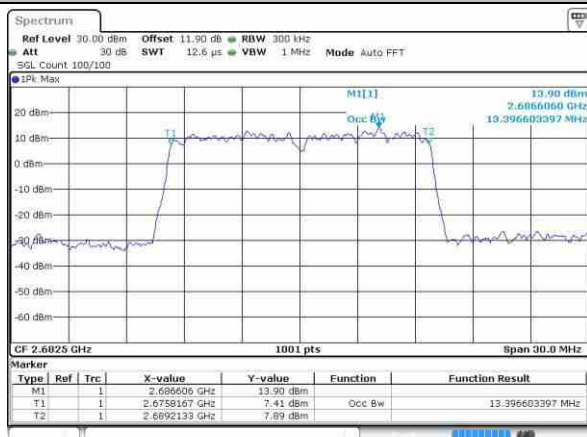
Date: 1 JUL 2018 17:16:14

Middle Channel / 20MHz / 64QAM



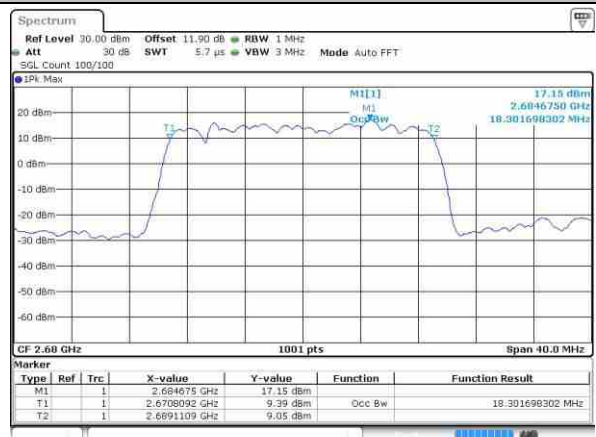
Date: 1 JUL 2018 17:17:23

Highest Channel / 15MHz / 64QAM

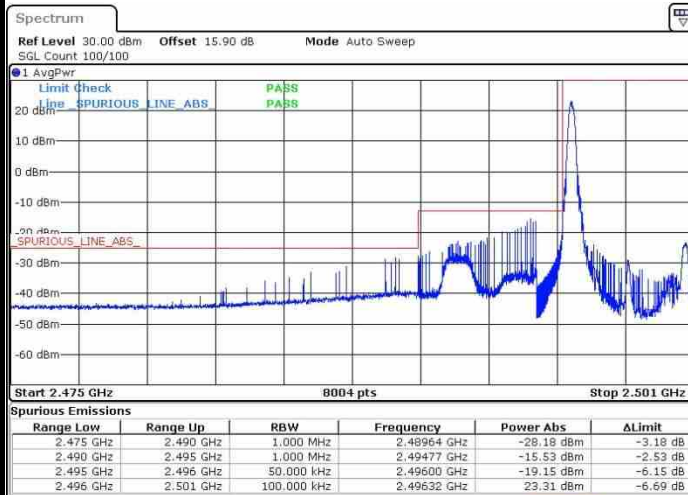
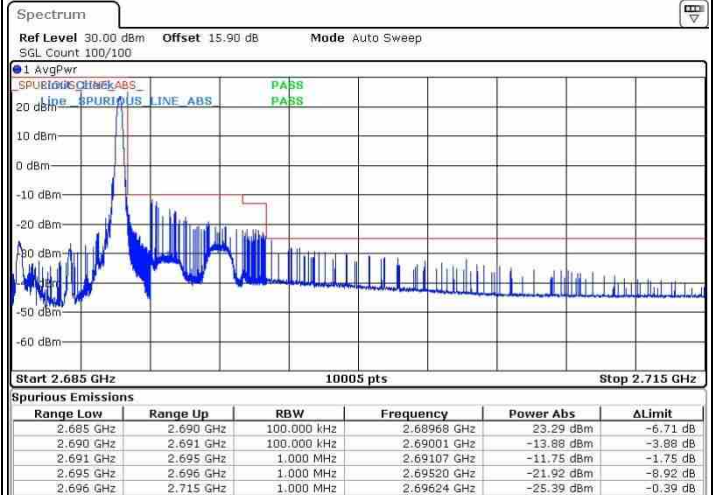
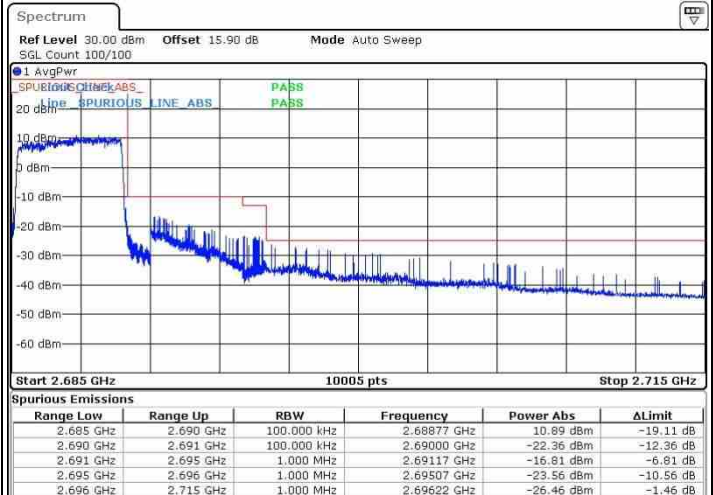


Date: 1 JUL 2018 17:16:37

Highest Channel / 20MHz / 64QAM



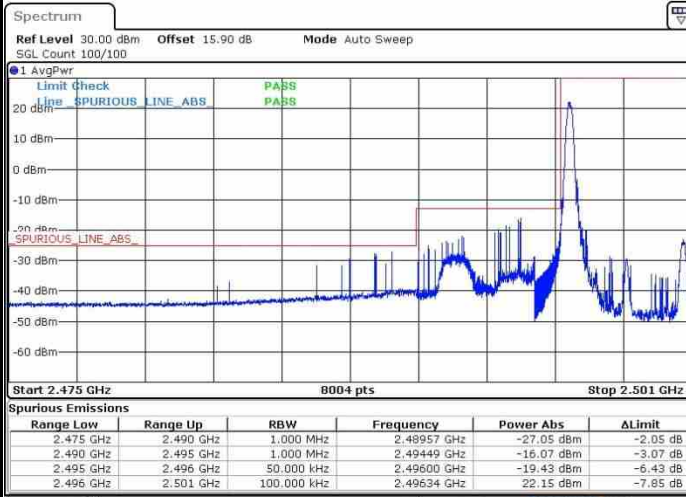
Date: 1 JUL 2018 17:17:45

**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**

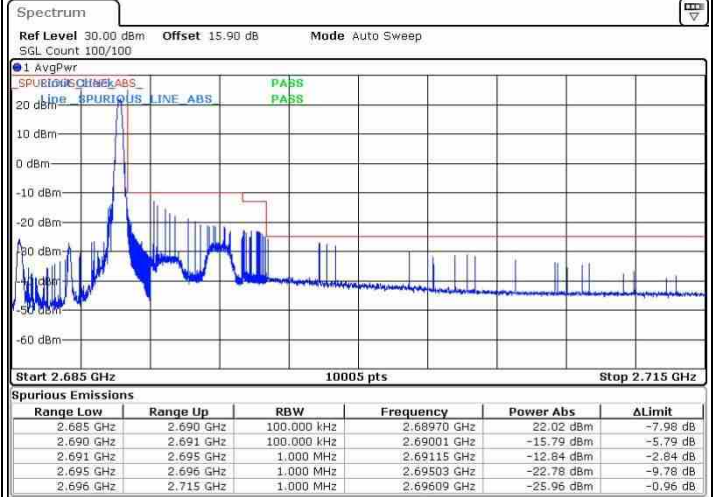


LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



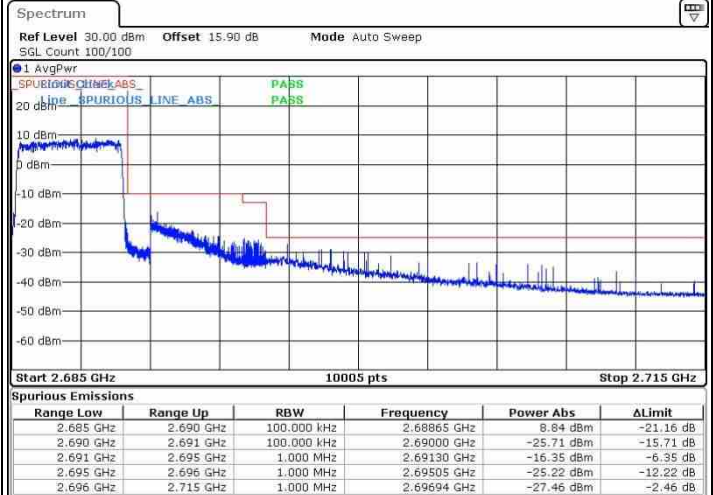
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



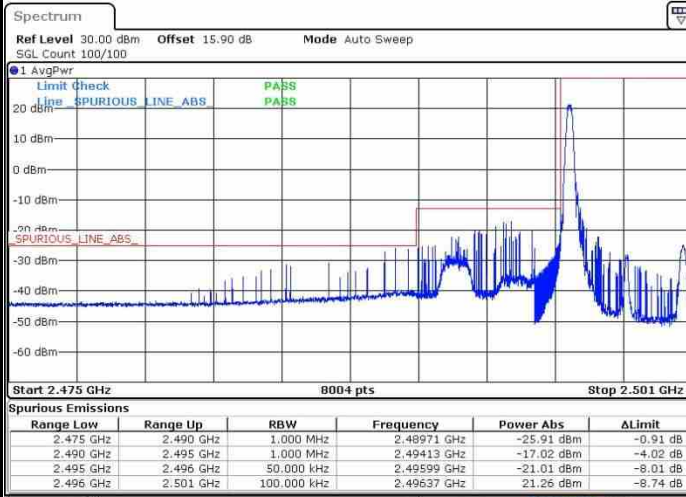
Highest Band Edge / Full RB





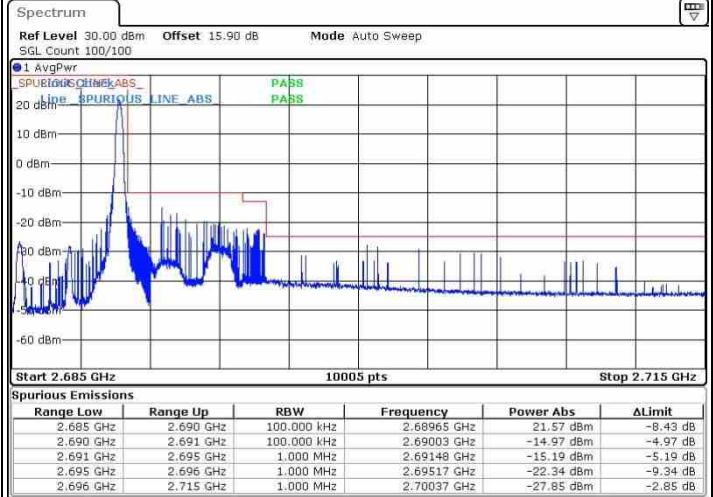
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 5 JUL 2018 14:07:31

Highest Band Edge / 1 RB



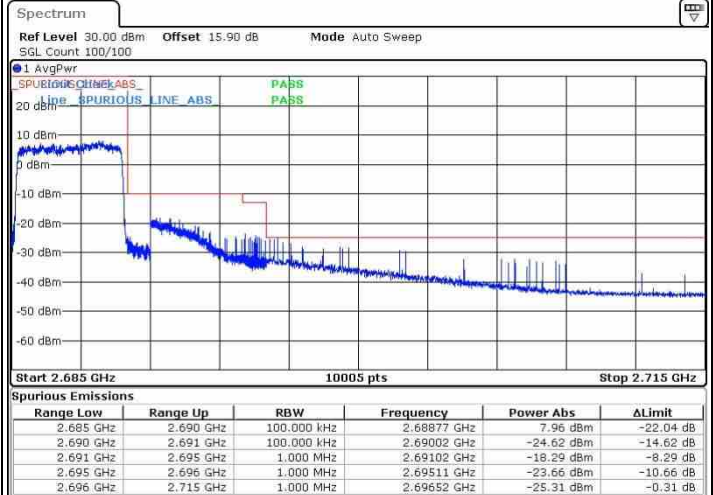
Date: 5 JUL 2018 14:57:15

Lowest Band Edge / Full RB



Date: 5 JUL 2018 14:08:42

Highest Band Edge / Full RB

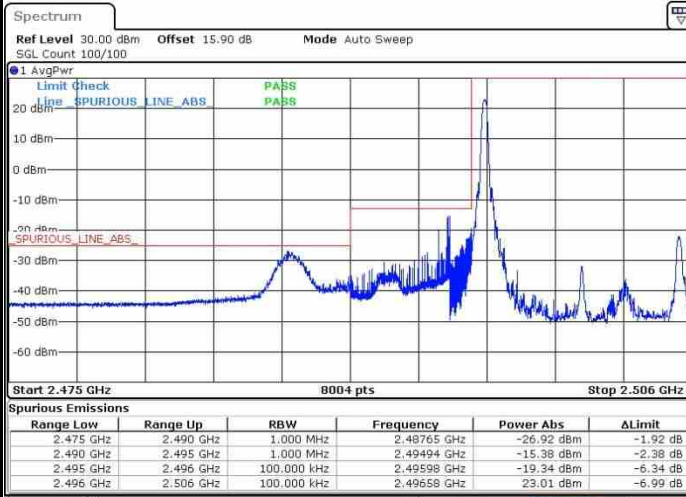


Date: 5 JUL 2018 14:11:02

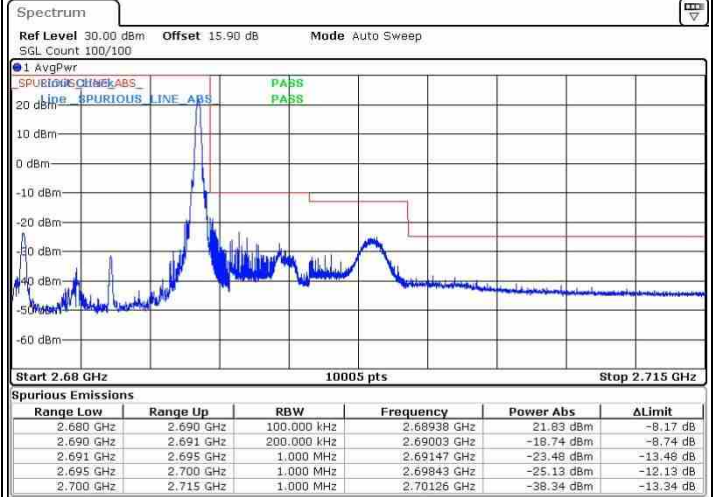


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



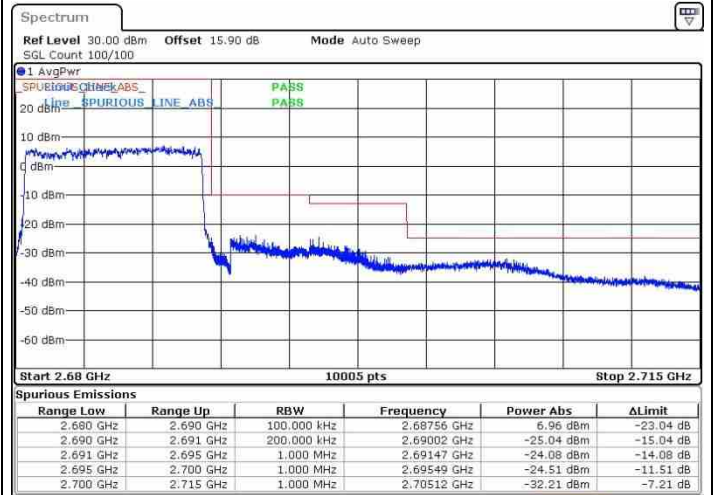
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



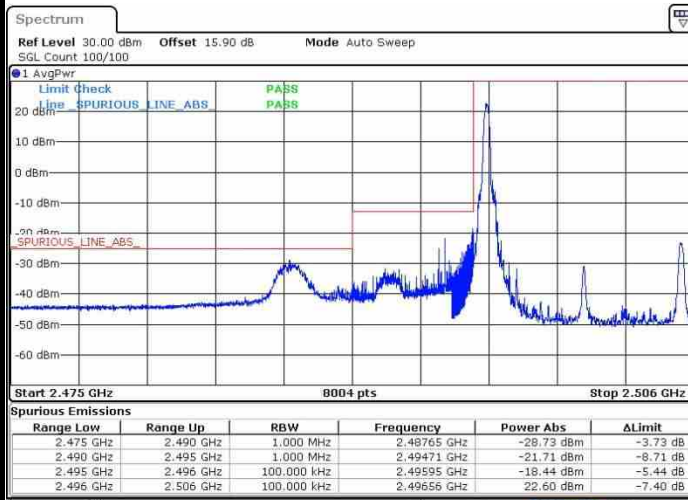
Highest Band Edge / Full RB



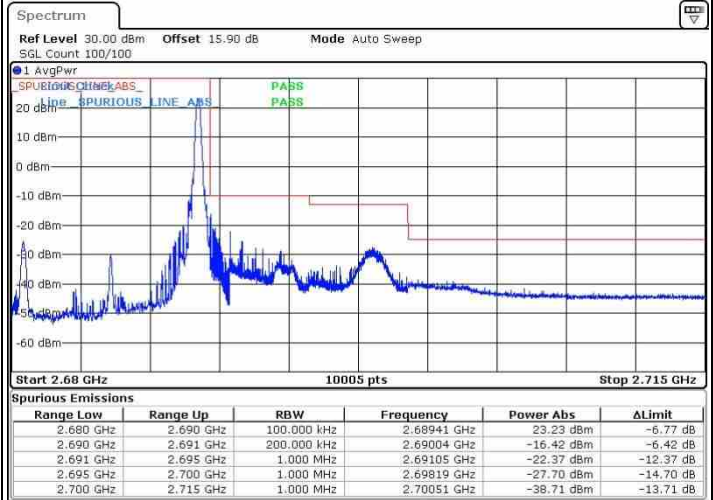


LTE Band 41 / 10MHz / 16QAM

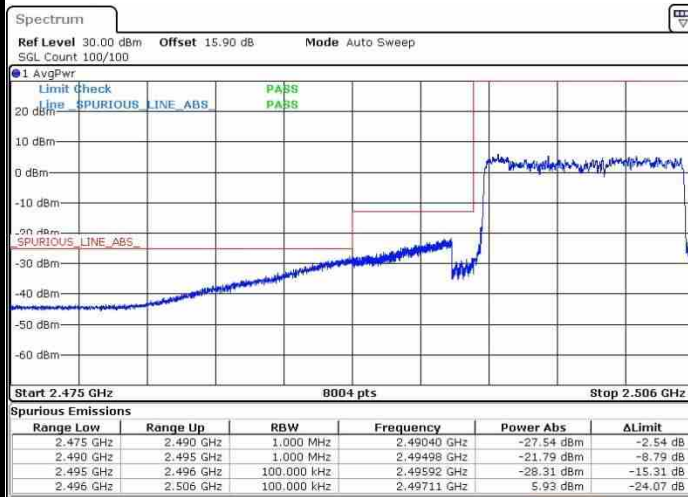
Lowest Band Edge / 1 RB



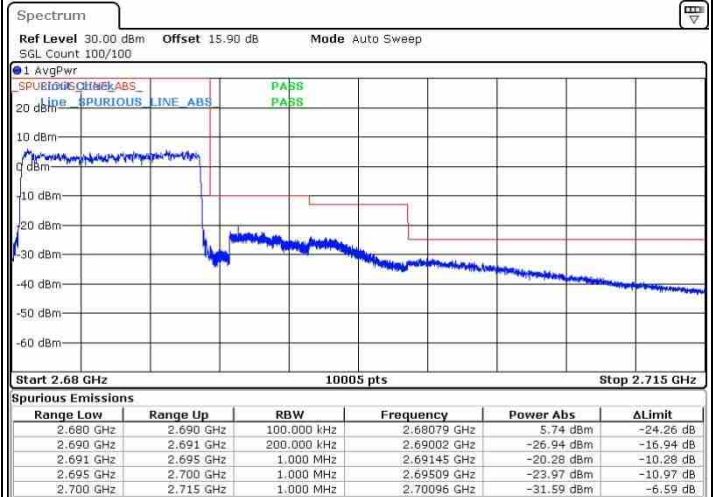
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



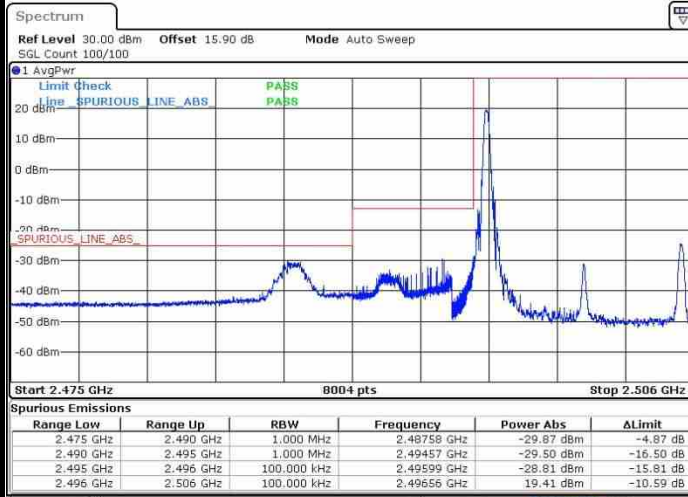
Highest Band Edge / Full RB



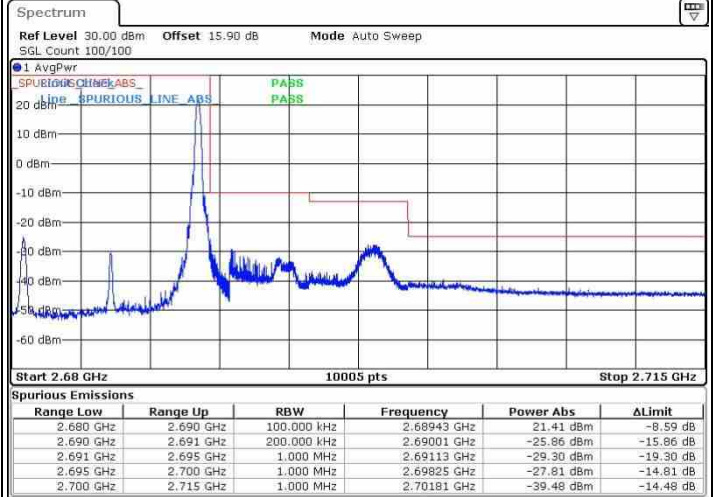


LTE Band 41 / 10MHz / 64QAM

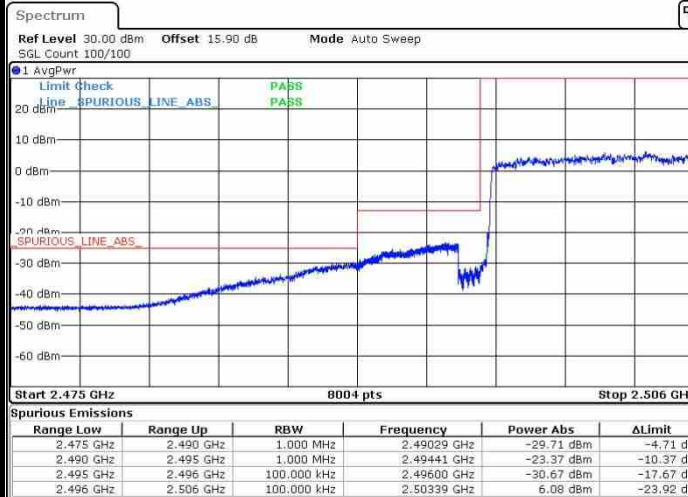
Lowest Band Edge / 1 RB



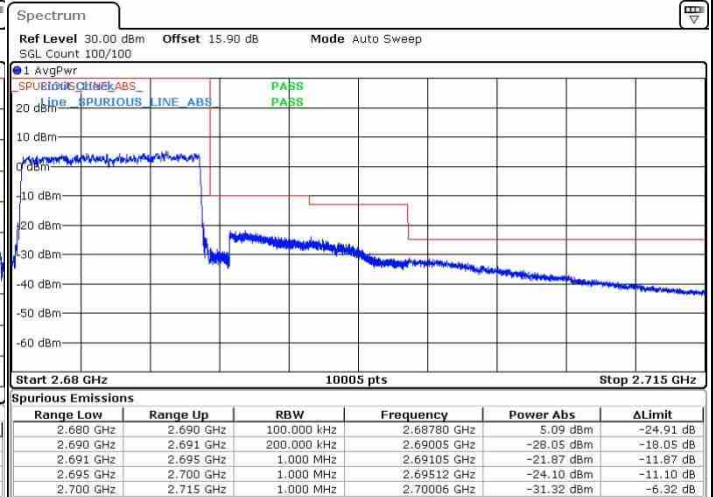
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



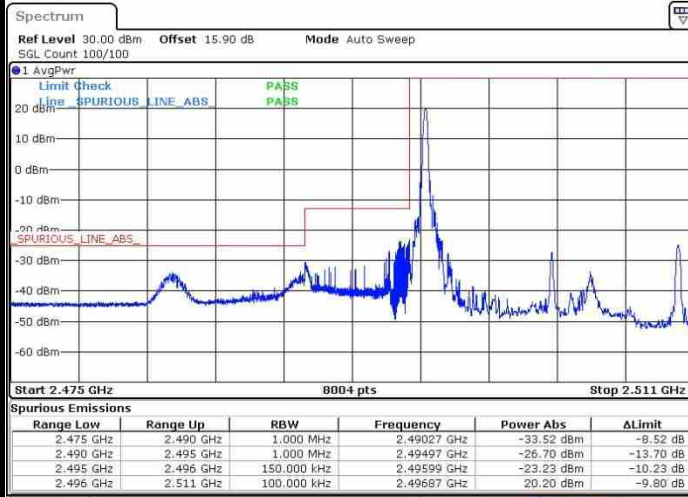
Highest Band Edge / Full RB





LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



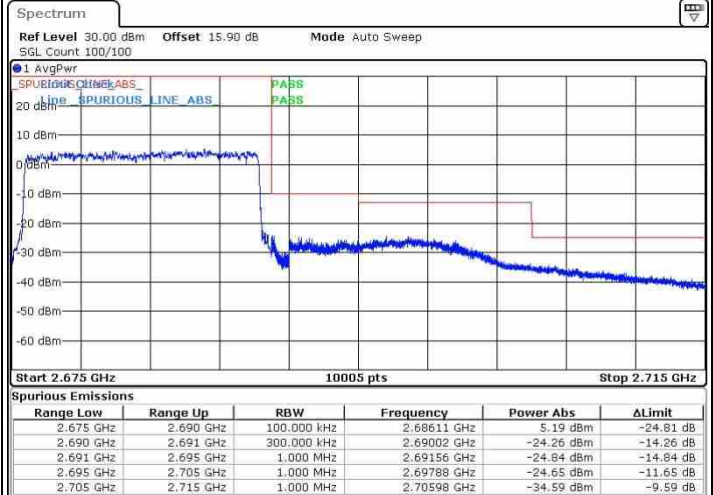
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



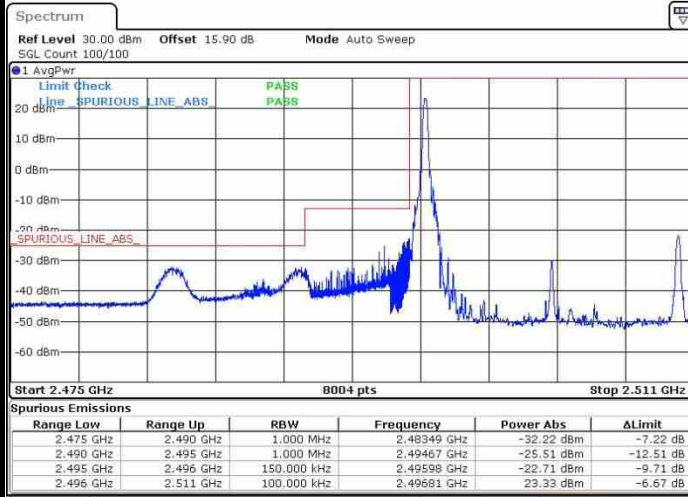
Highest Band Edge / Full RB



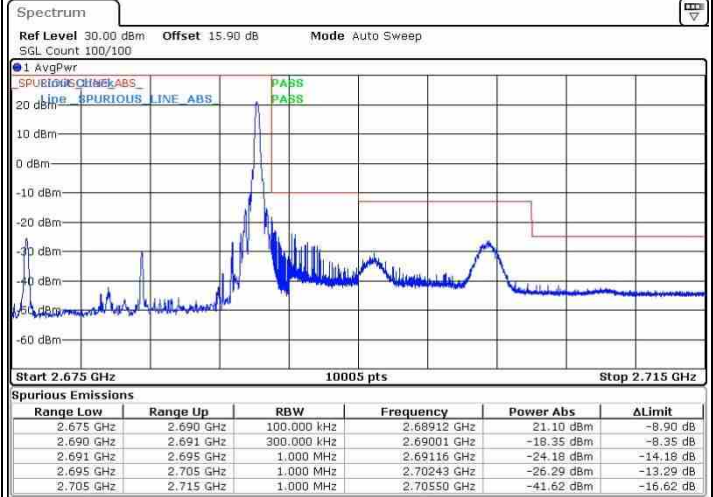


LTE Band 41 / 15MHz / 16QAM

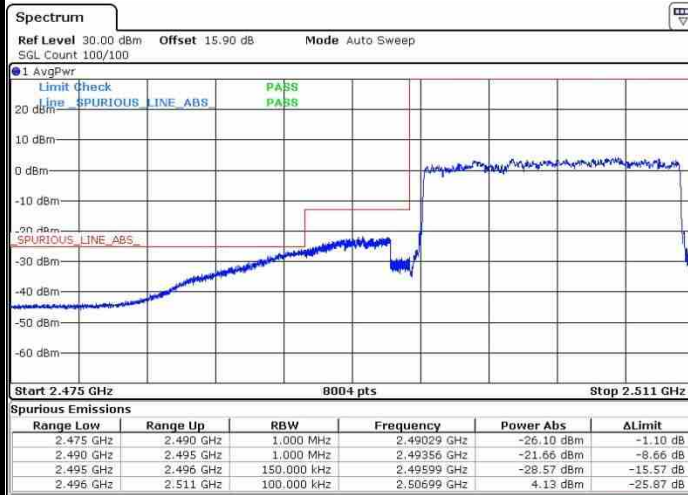
Lowest Band Edge / 1 RB



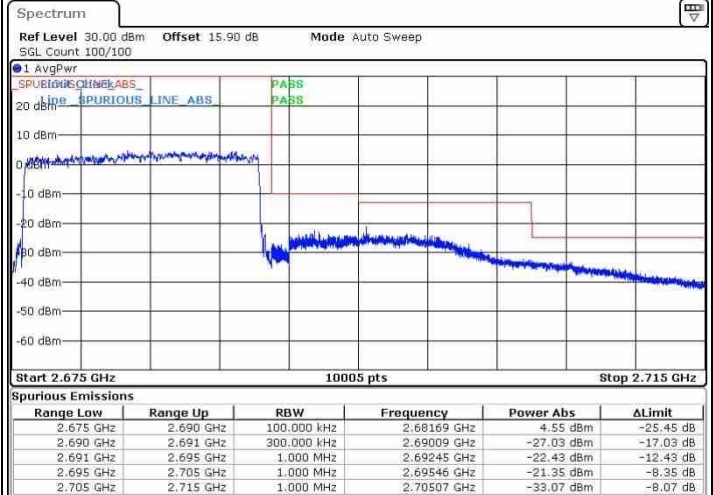
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



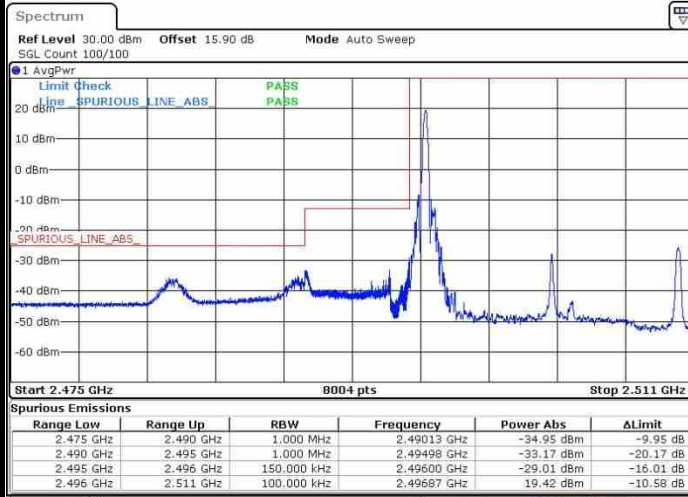
Highest Band Edge / Full RB



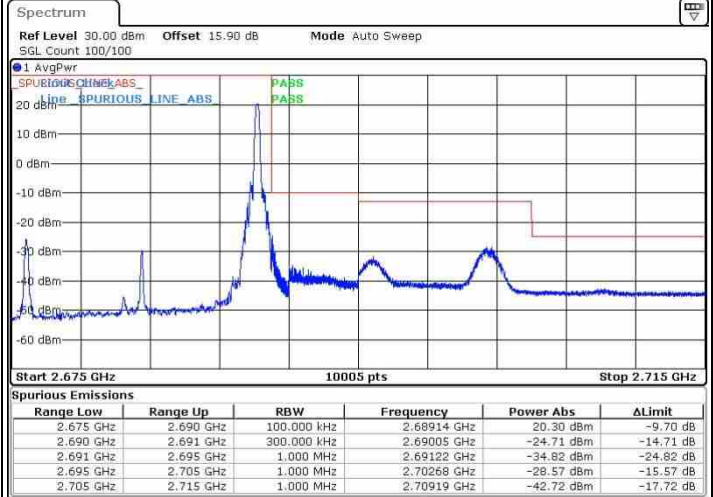


LTE Band 41 / 15MHz / 64QAM

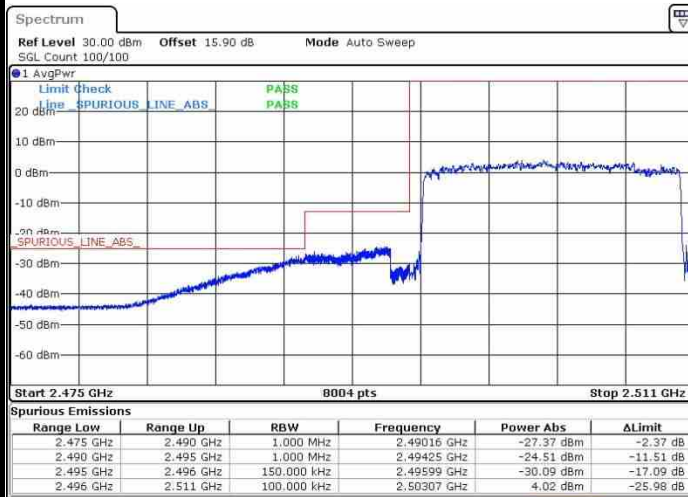
Lowest Band Edge / 1 RB



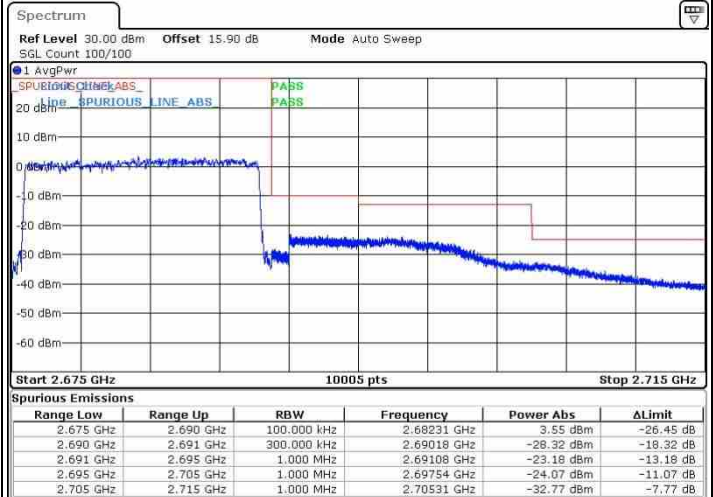
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



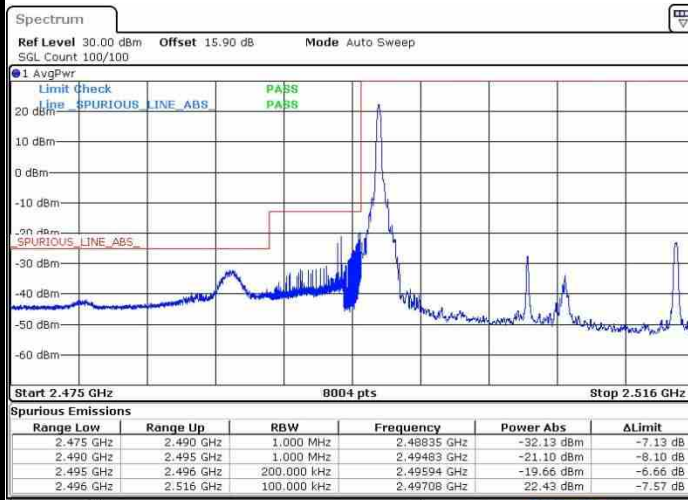
Highest Band Edge / Full RB



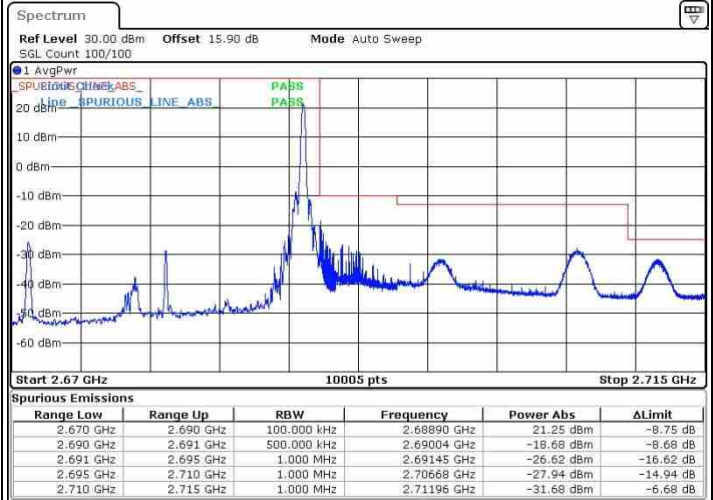


LTE Band 41 / 20MHz / QPSK

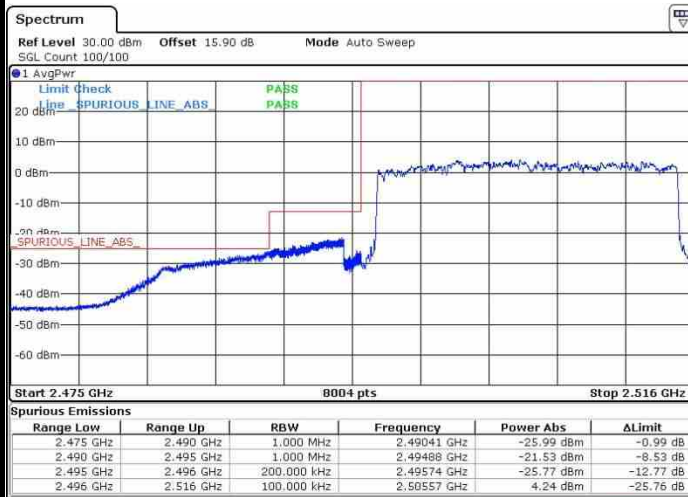
Lowest Band Edge / 1 RB



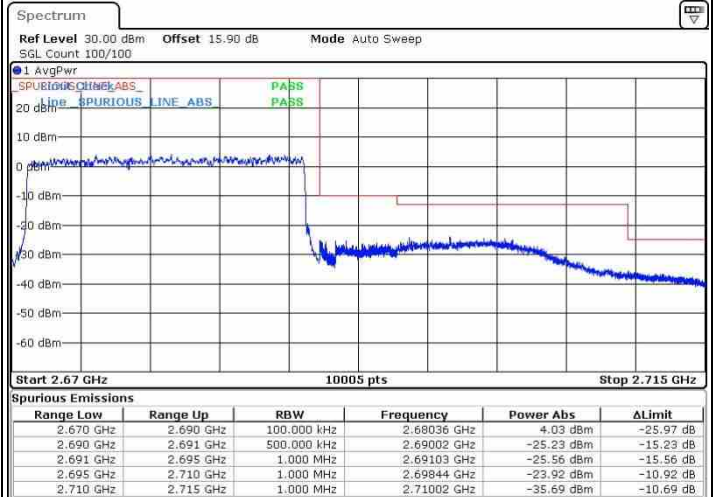
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



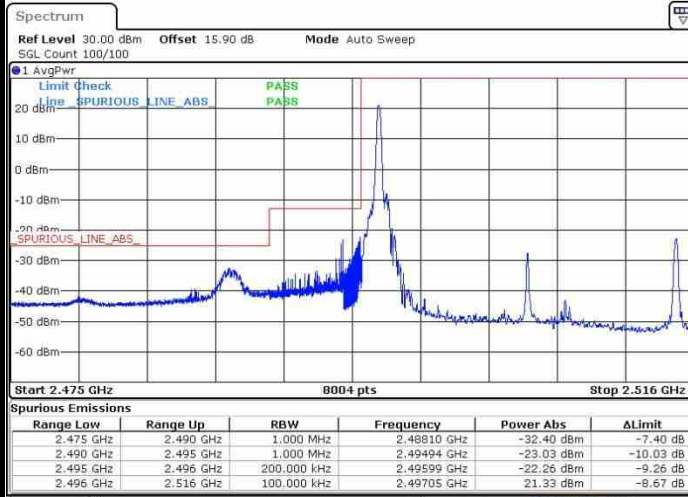
Highest Band Edge / Full RB



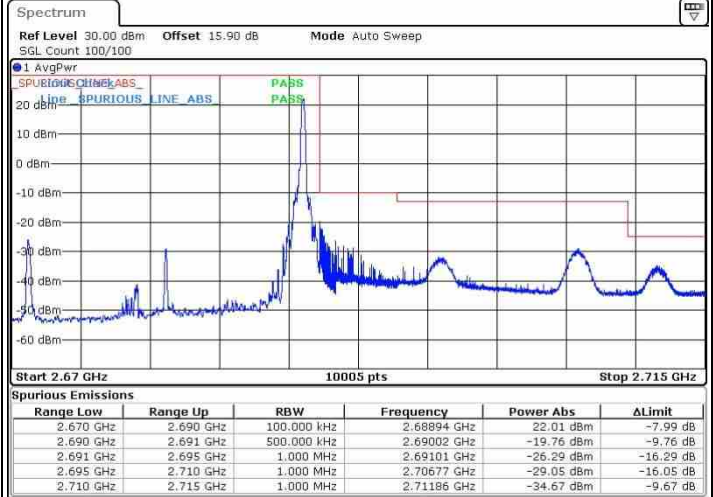


LTE Band 41 / 20MHz / 16QAM

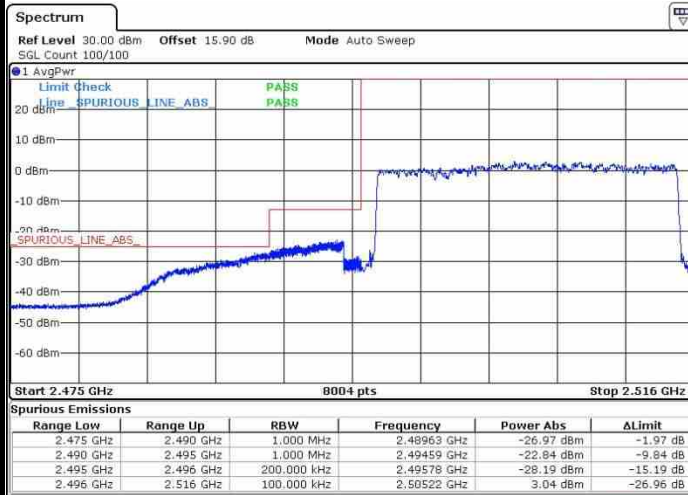
Lowest Band Edge / 1 RB



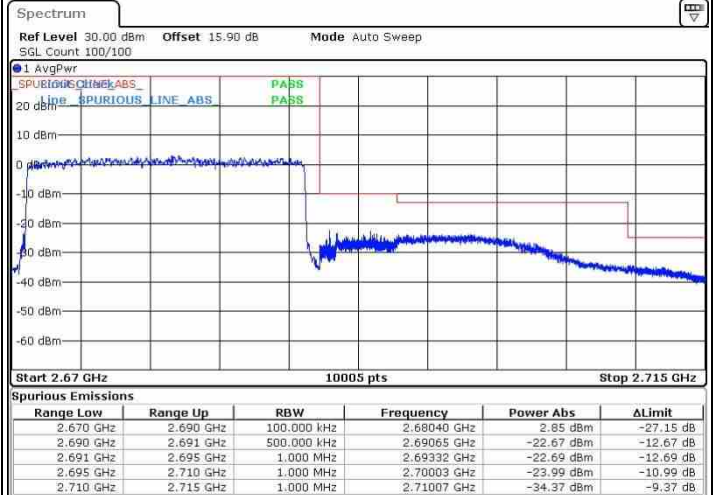
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



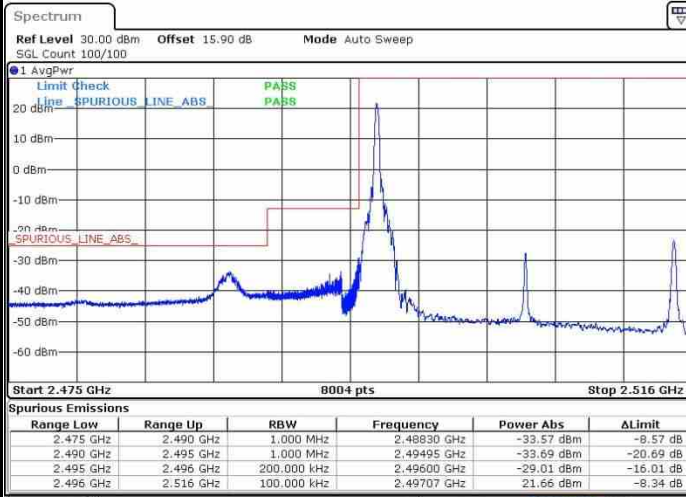
Highest Band Edge / Full RB



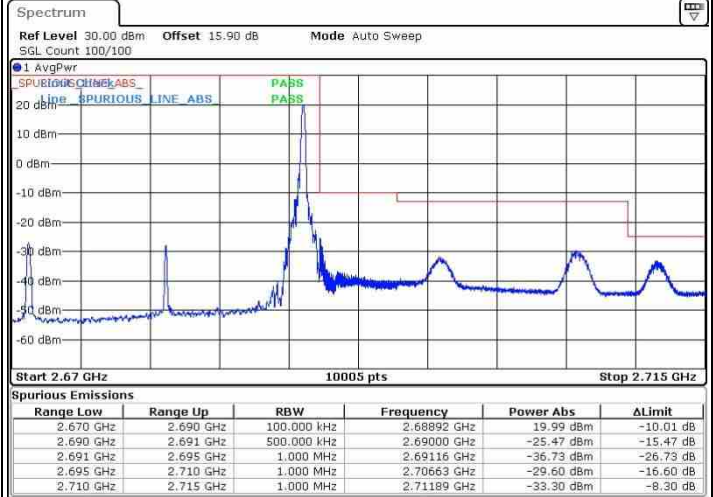


LTE Band 41 / 20MHz / 64QAM

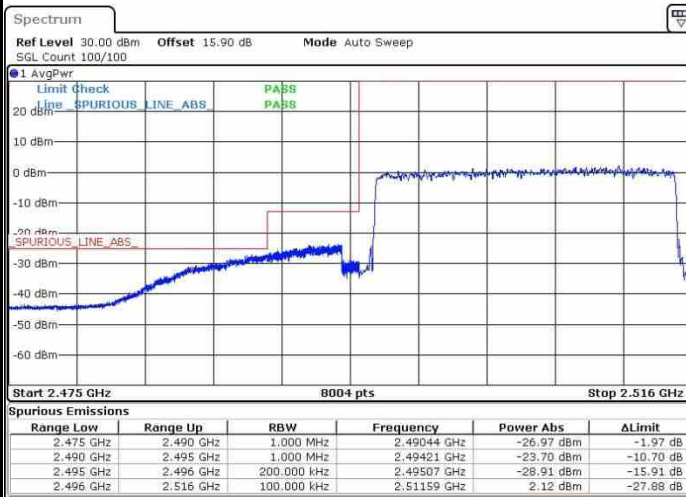
Lowest Band Edge / 1 RB



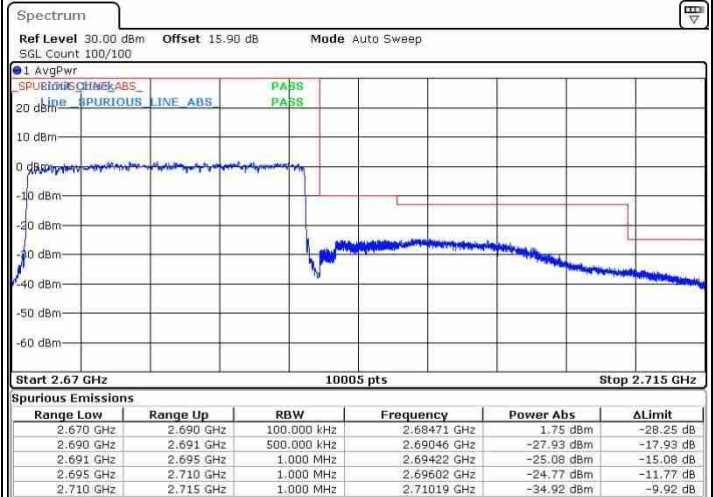
Highest Band Edge / 1 RB

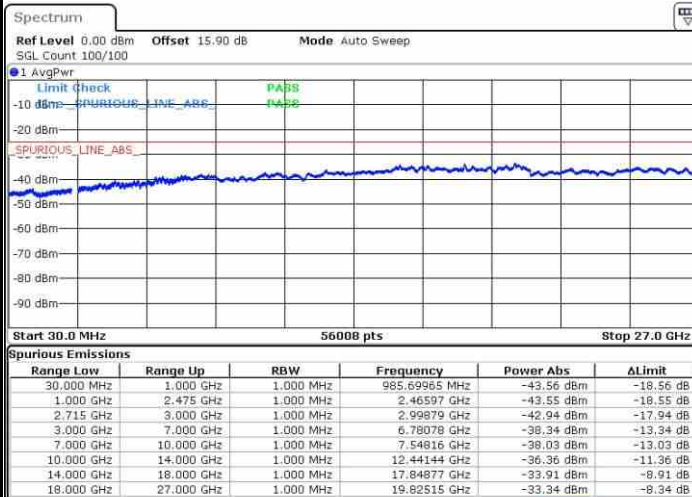


Lowest Band Edge / Full RB

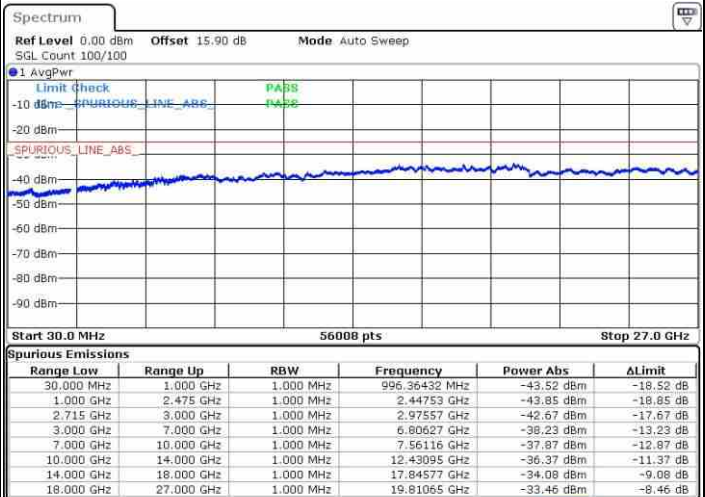


Highest Band Edge / Full RB

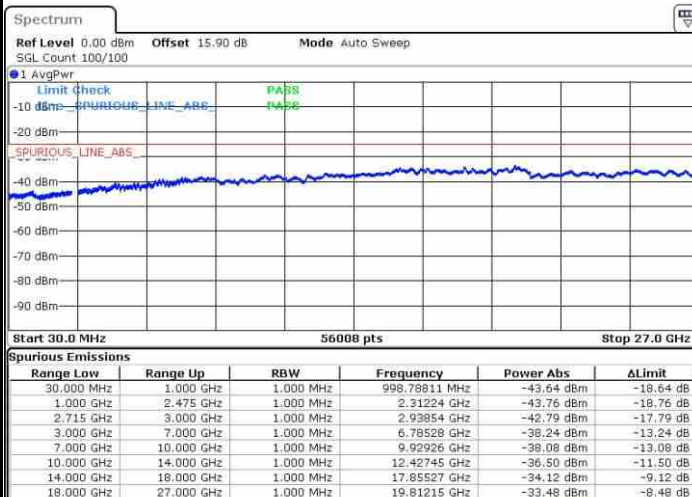


**Conducted Spurious Emission****LTE Band 41 / 5MHz****Lowest Channel / QPSK**

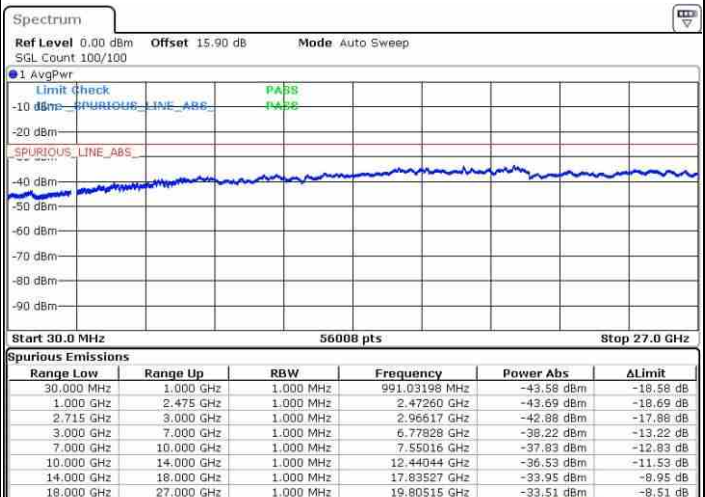
Date: 1 JUL 2018 17:55:27

Lowest Channel / 16QAM

Date: 1 JUL 2018 17:56:22

Middle Channel / QPSK

Date: 1 JUL 2018 17:57:18

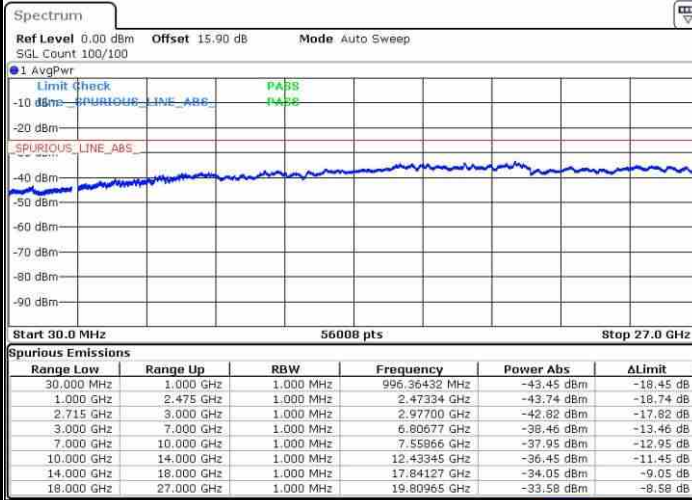
Middle Channel / 16QAM

Date: 1 JUL 2018 17:58:13



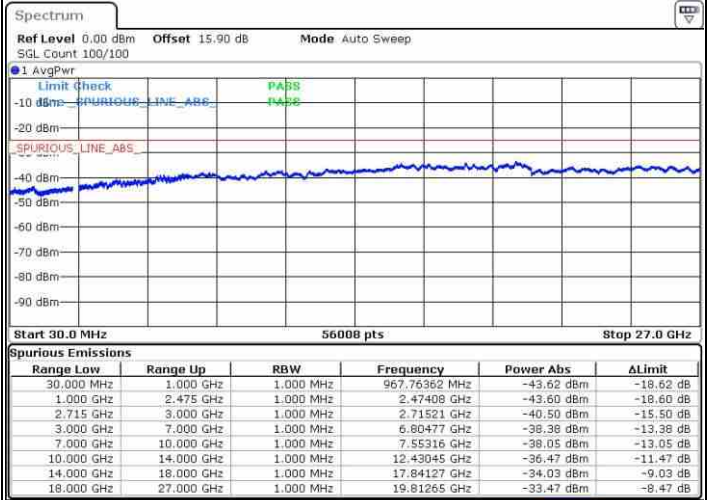
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 1.JUL 2018 17:59:09

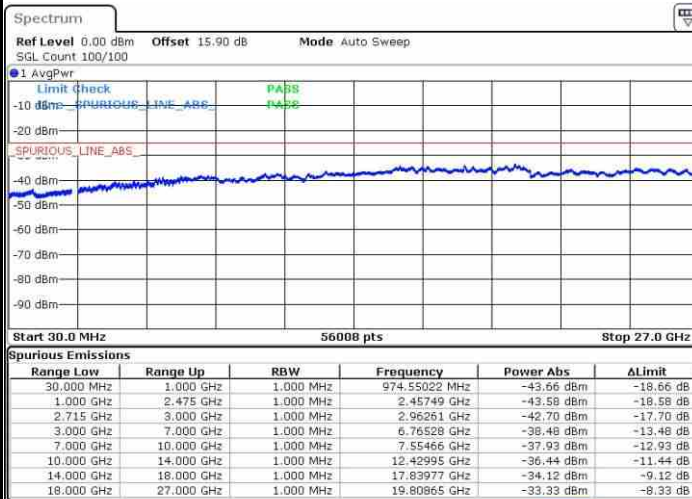
Highest Channel / 16QAM



Date: 1.JUL 2018 18:00:04

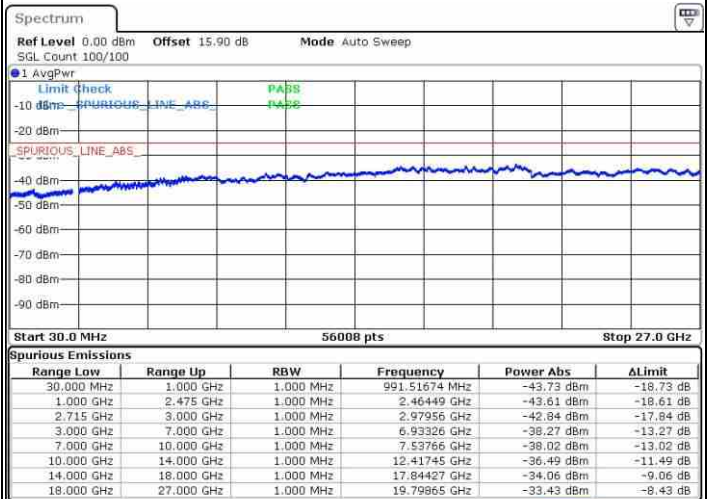
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 1.JUL 2018 18:06:33

Lowest Channel / 16QAM

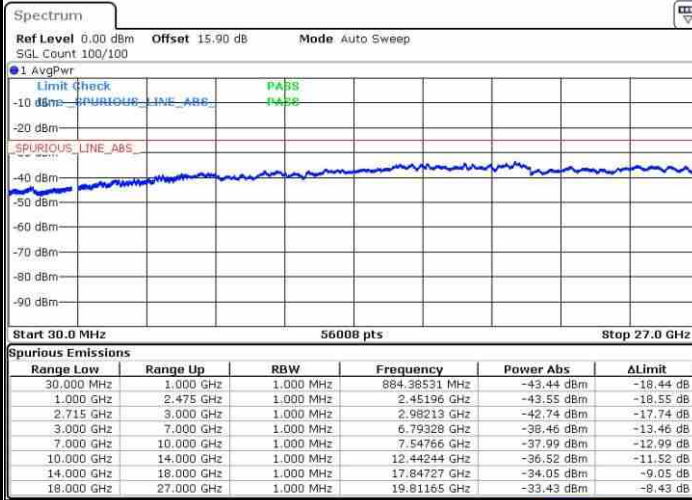


Date: 1.JUL 2018 18:07:29



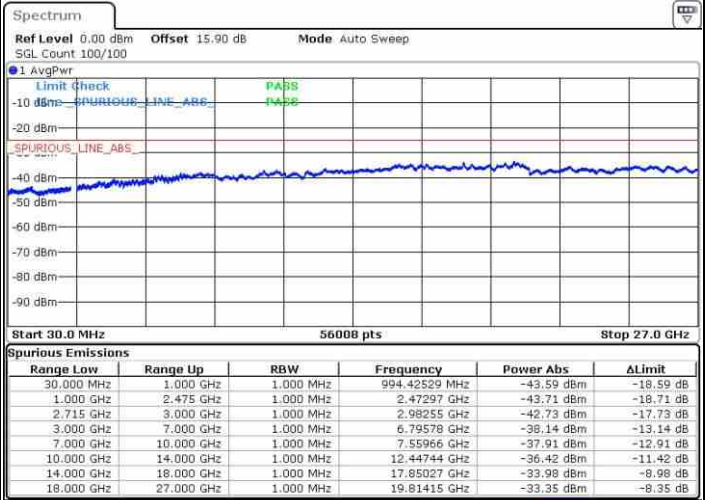
LTE Band 41 / 10MHz

Middle Channel / QPSK



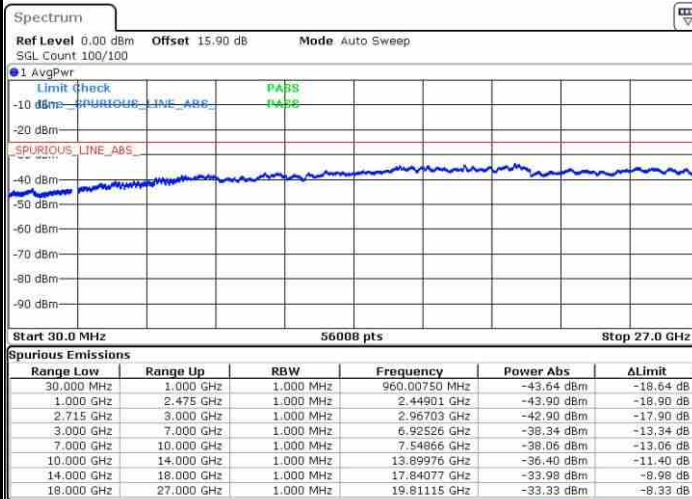
Date: 1 JUL 2018 18:08:24

Middle Channel / 16QAM



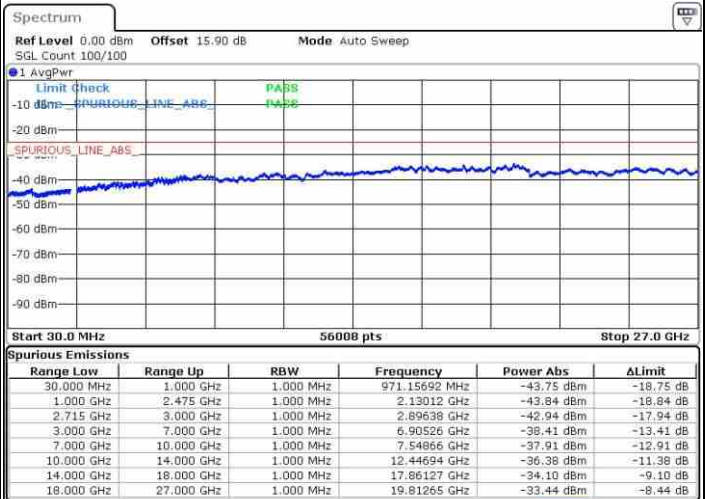
Date: 1 JUL 2018 18:09:20

Highest Channel / QPSK



Date: 1 JUL 2018 18:10:15

Highest Channel / 16QAM

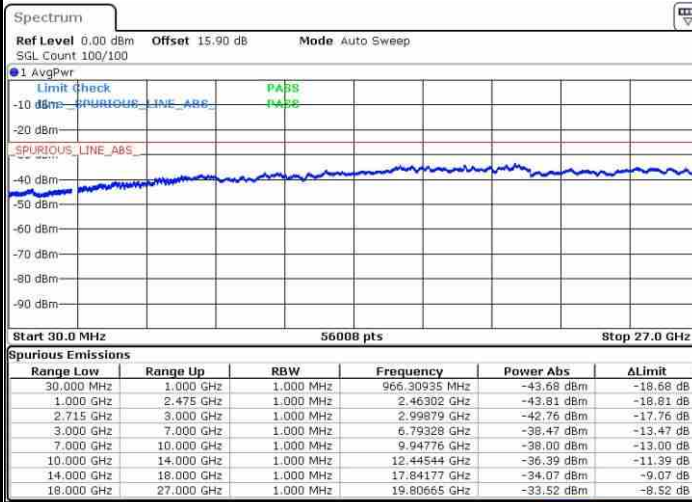


Date: 1 JUL 2018 18:11:11



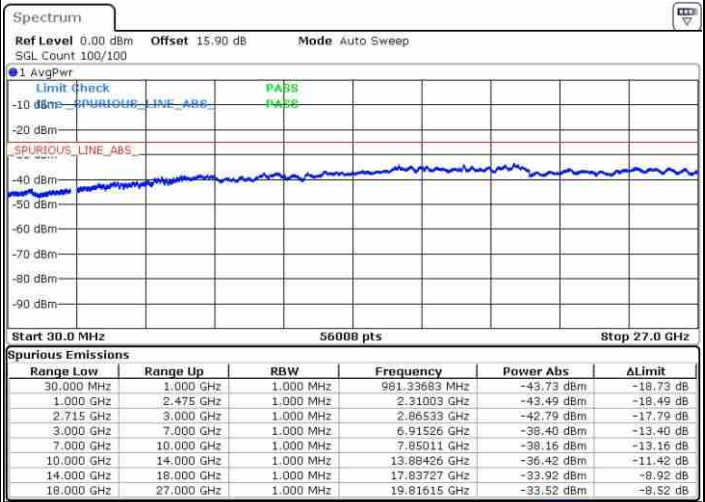
LTE Band 41 / 15MHz

Lowest Channel / QPSK



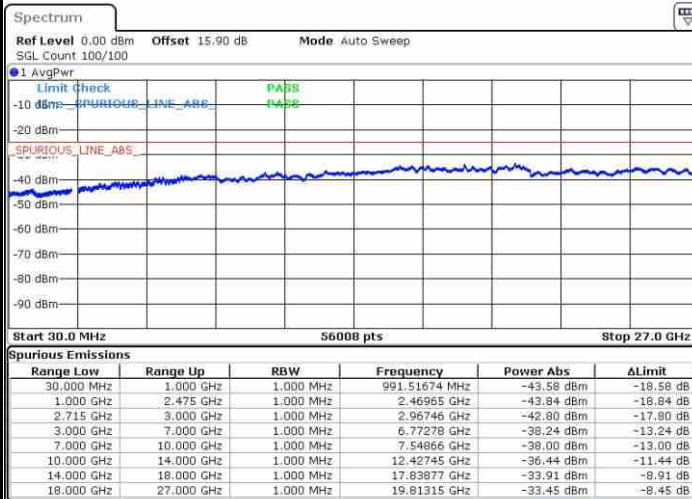
Date: 1 JUL 2018 18:12:06

Lowest Channel / 16QAM



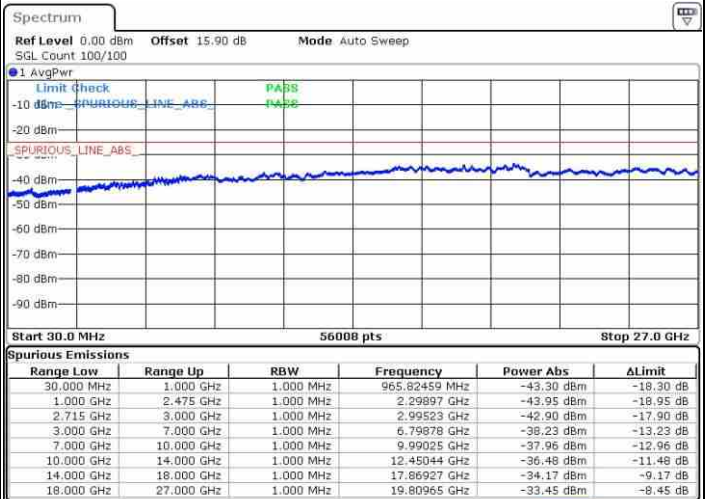
Date: 1 JUL 2018 18:13:02

Middle Channel / QPSK



Date: 1 JUL 2018 18:13:57

Middle Channel / 16QAM

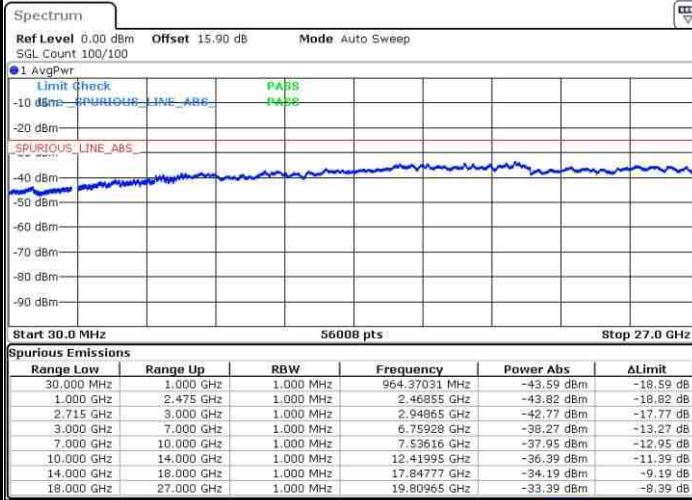


Date: 1 JUL 2018 18:14:53



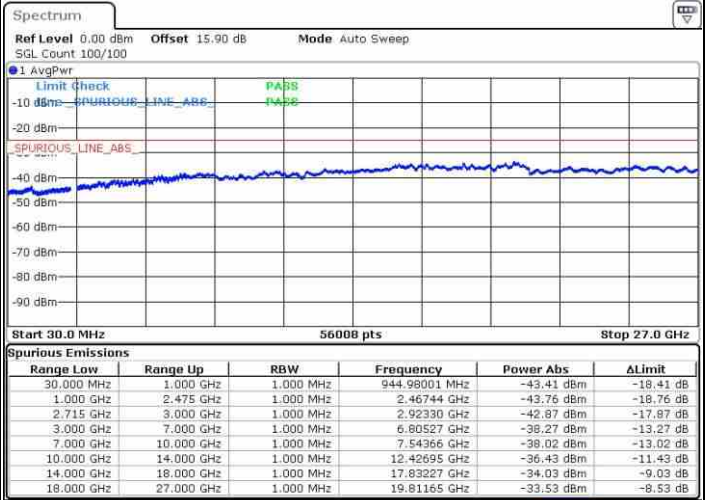
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 1.JUL 2018 18:15:48

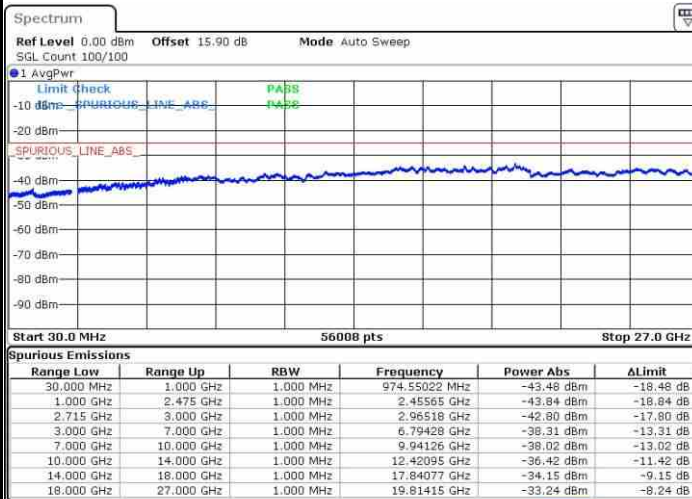
Highest Channel / 16QAM



Date: 1.JUL 2018 18:16:44

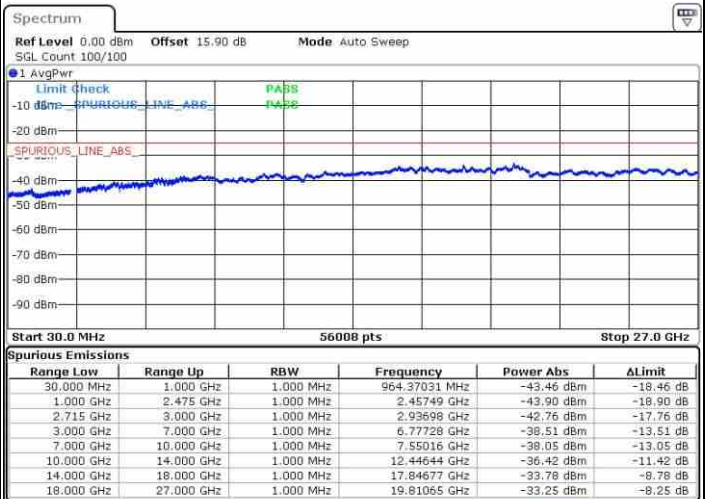
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 1.JUL 2018 18:20:26

Lowest Channel / 16QAM

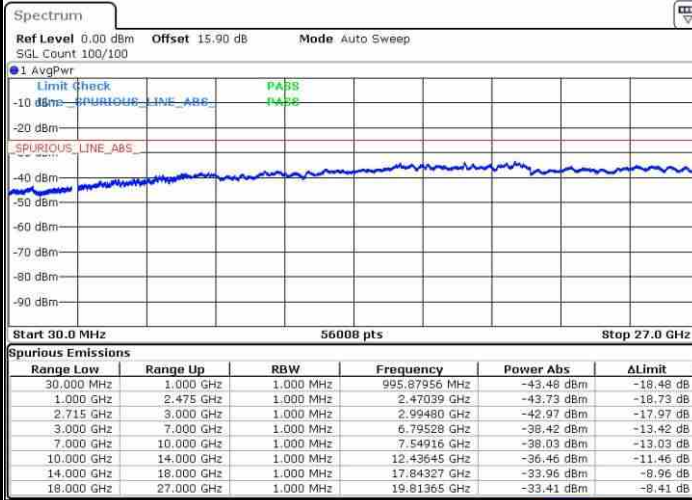


Date: 1.JUL 2018 18:21:22



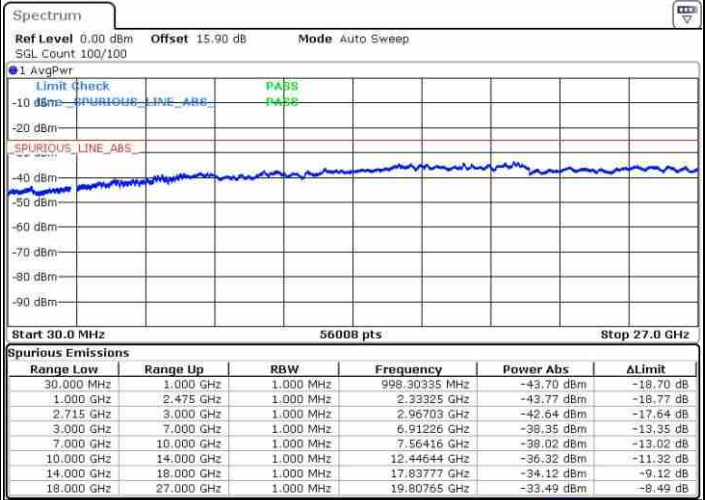
LTE Band 41 / 20MHz

Middle Channel / QPSK



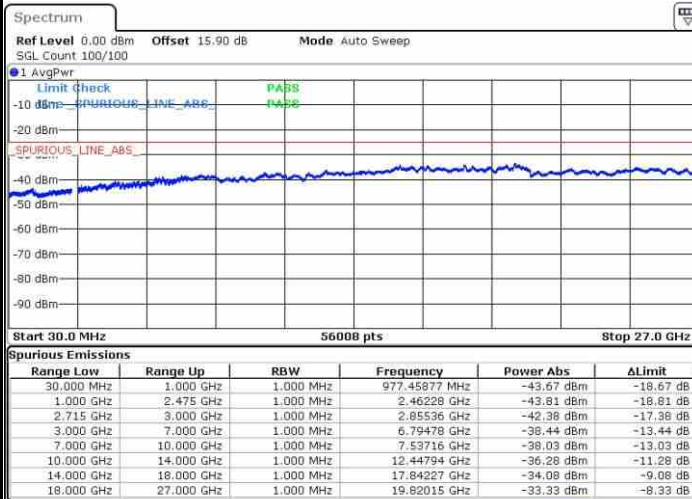
Date: 1 JUL 2018 18:22:18

Middle Channel / 16QAM



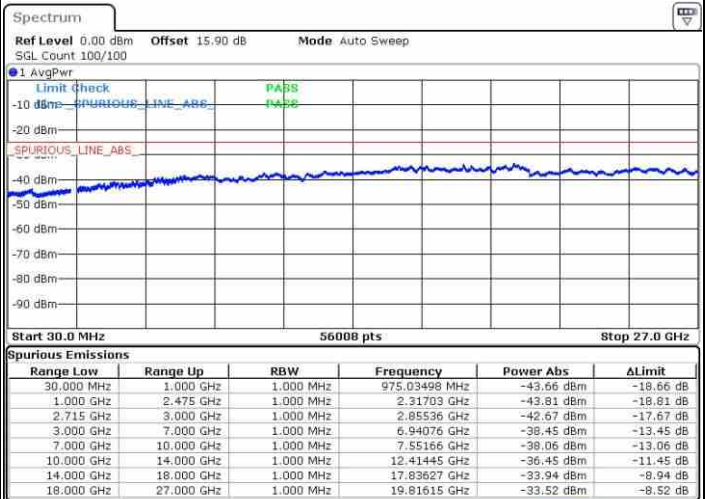
Date: 1 JUL 2018 18:23:13

Highest Channel / QPSK



Date: 1 JUL 2018 18:24:09

Highest Channel / 16QAM

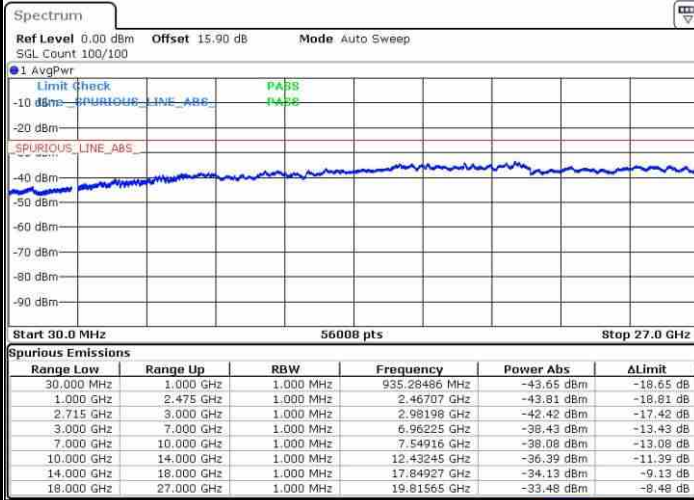


Date: 1 JUL 2018 18:25:04



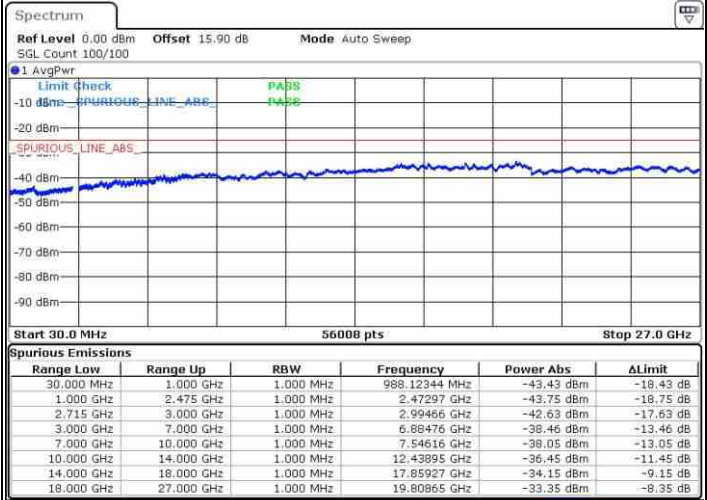
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



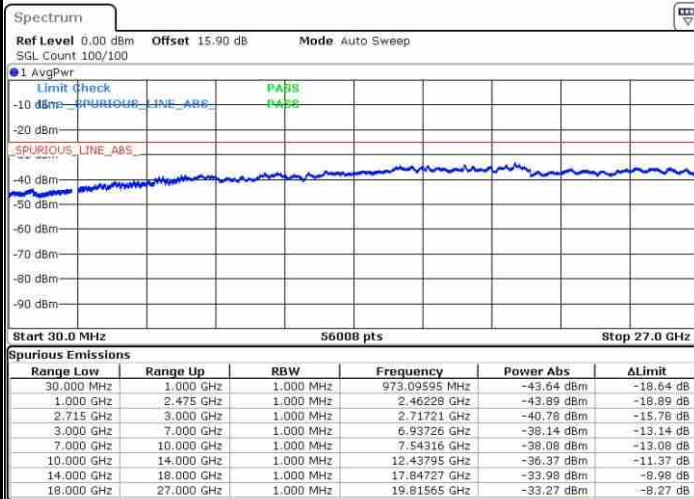
Date: 1 JUL 2018 18:01:00

Middle Channel / 64QAM



Date: 1 JUL 2018 18:01:55

Highest Channel / 64QAM

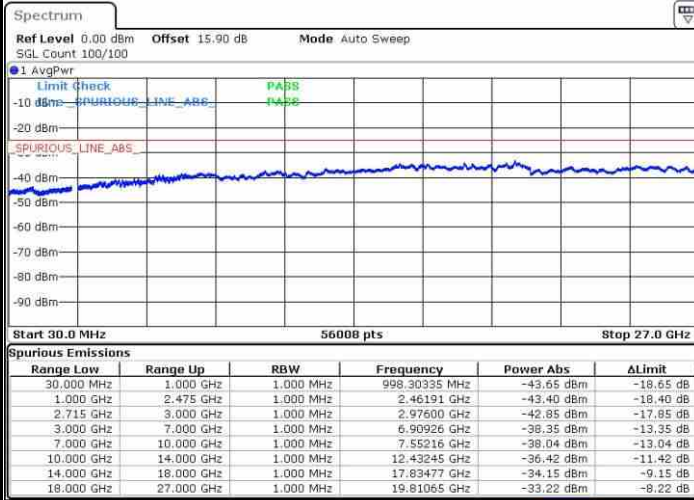


Date: 1 JUL 2018 18:02:51



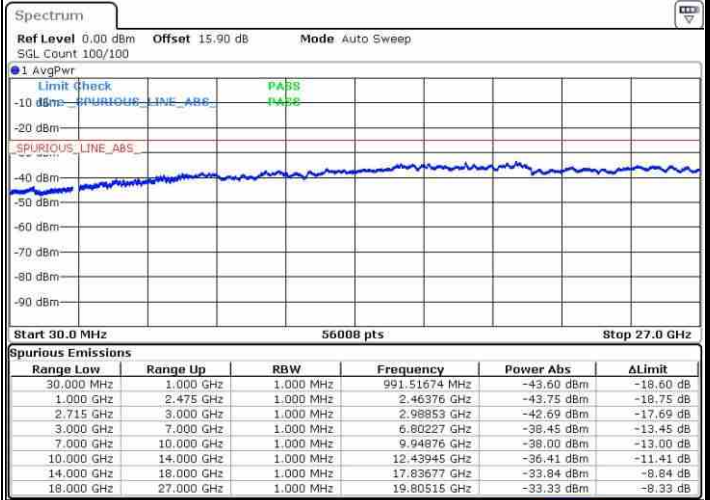
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



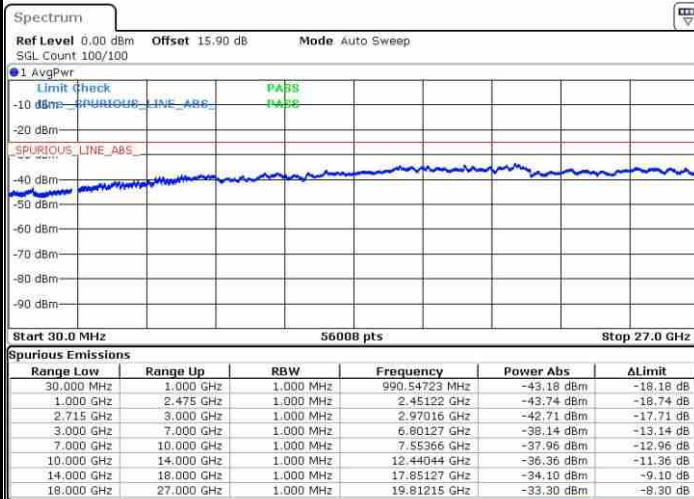
Date: 1 JUL 2018 18:03:46

Middle Channel / 64QAM



Date: 1 JUL 2018 18:04:42

Highest Channel / 64QAM

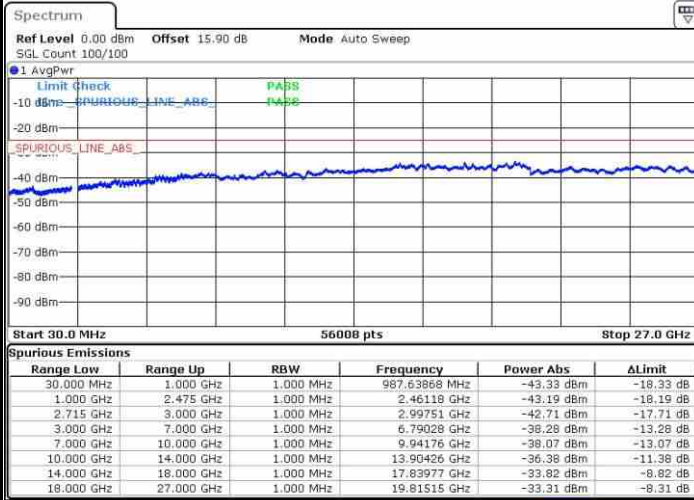


Date: 1 JUL 2018 18:05:37



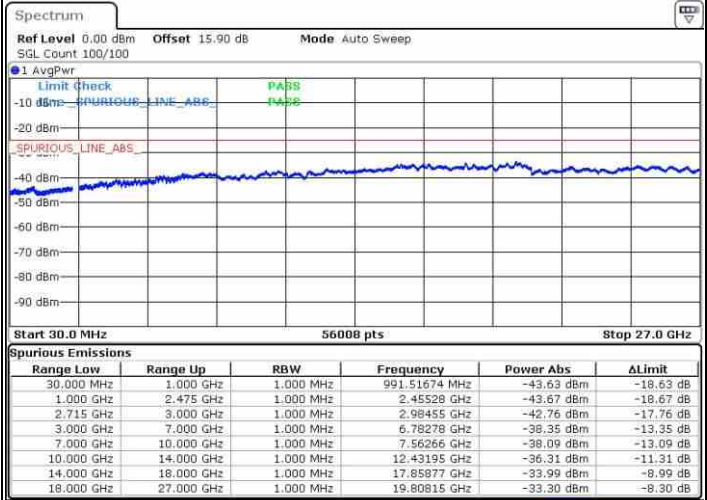
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



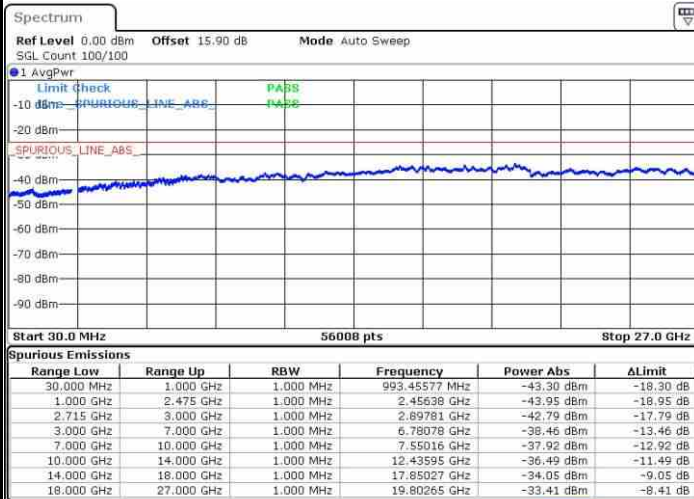
Date: 1 JUL 2018 18:17:40

Middle Channel / 64QAM



Date: 1 JUL 2018 18:18:35

Highest Channel / 64QAM

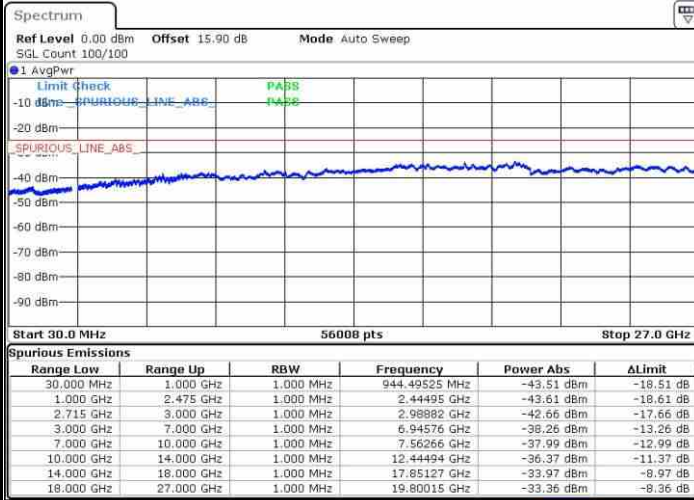


Date: 1 JUL 2018 18:19:31



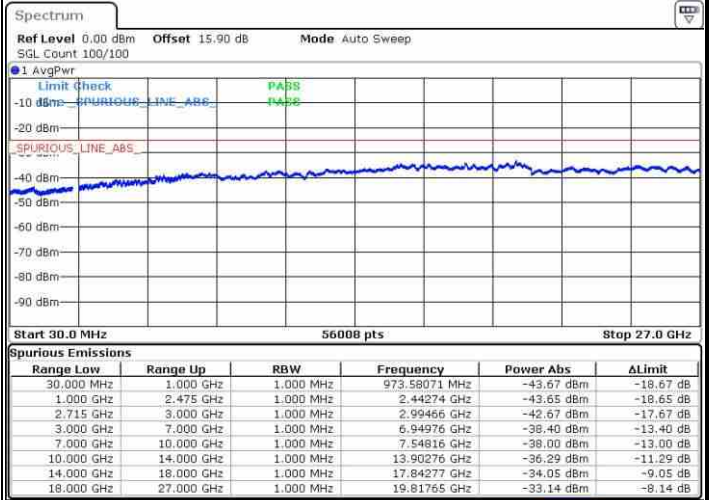
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



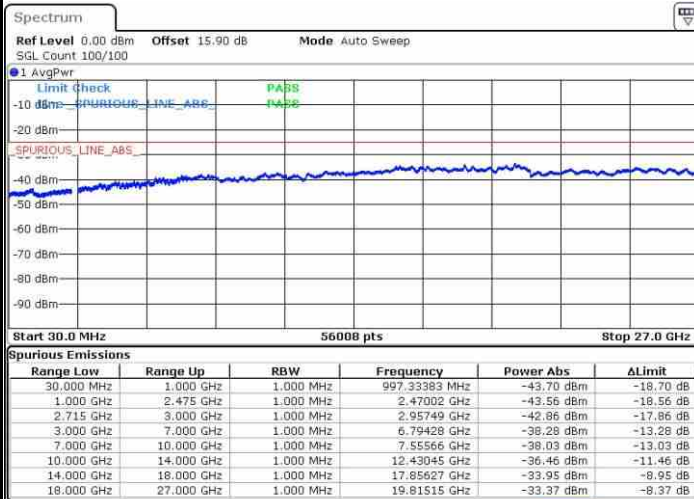
Date: 1 JUL 2018 18:26:00

Middle Channel / 64QAM



Date: 1 JUL 2018 18:26:55

Highest Channel / 64QAM



Date: 1 JUL 2018 18:27:51

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0052	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0036	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 66

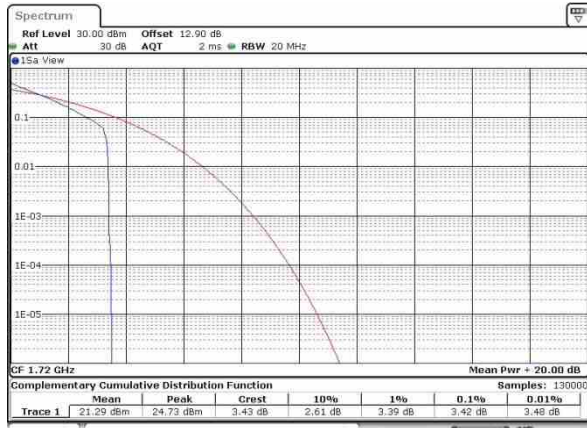
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.42	4.43	4.12	5.8	PASS
Middle CH	3.54	4.43	4.67	5.68	
Highest CH	3.59	4.32	5.33	5.68	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.10	6.38	-	-	PASS
Middle CH	5.94	6.35	-	-	
Highest CH	6.12	6.38	-	-	

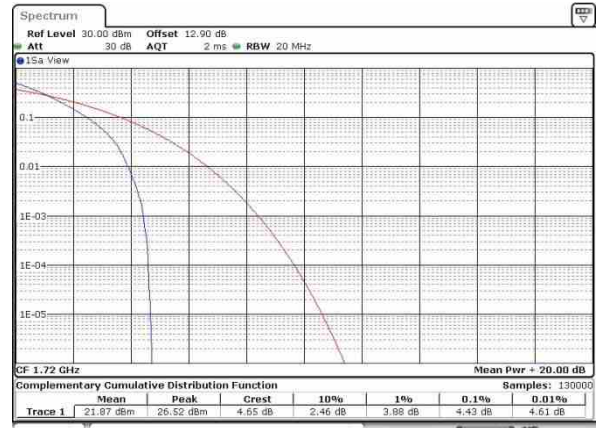


LTE Band 66 / 20MHz / QPSK

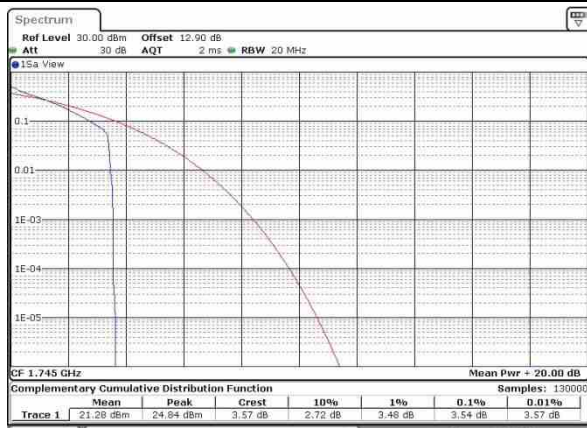
Lowest Channel / 1RB



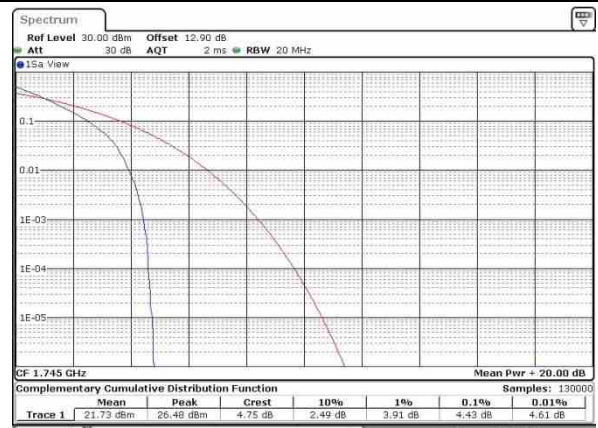
Lowest Channel / Full RB



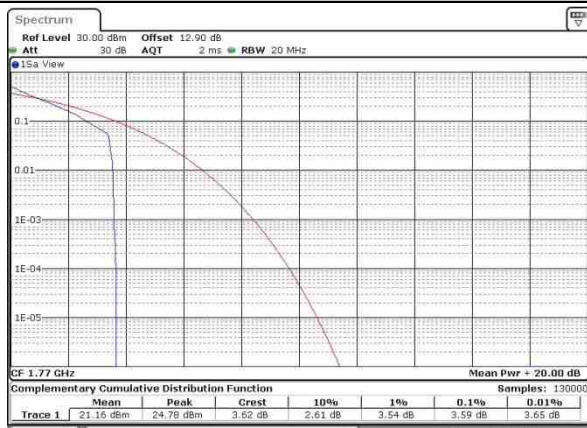
Middle Channel / 1RB



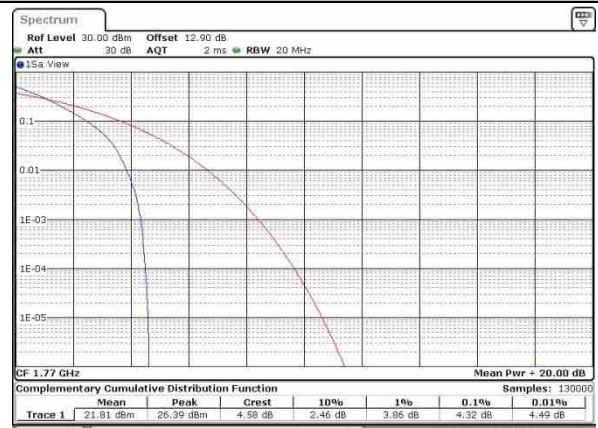
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





LTE Band 66 / 20MHz / 16QAM

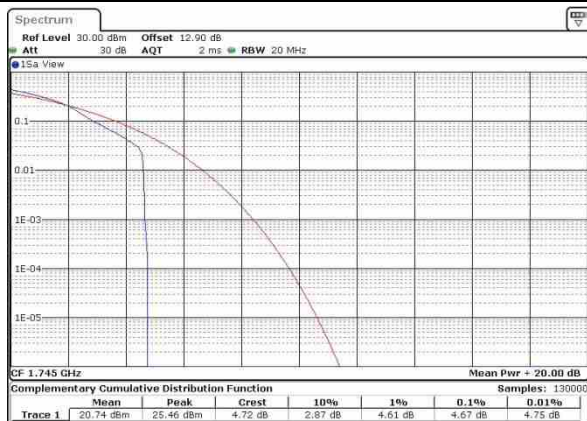
Lowest Channel / 1RB



Lowest Channel / Full RB



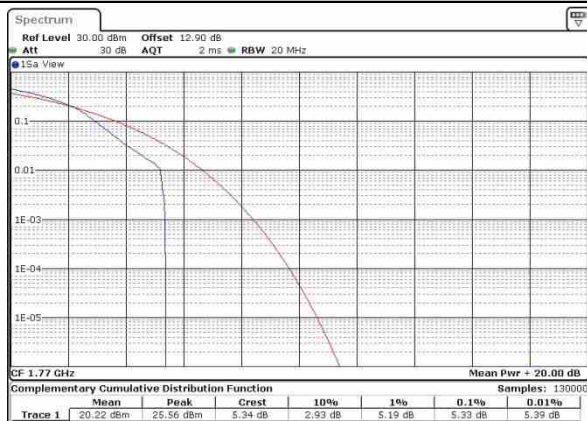
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



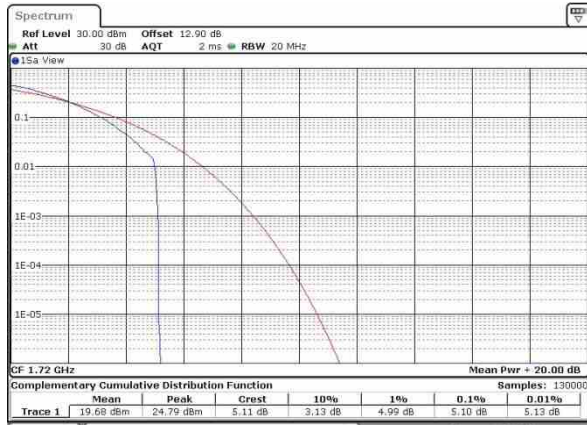
Highest Channel / Full RB





LTE Band 66 / 20MHz / 64QAM

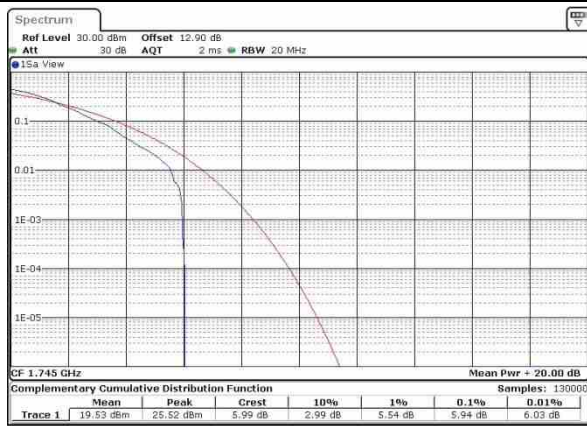
Lowest Channel / 1RB



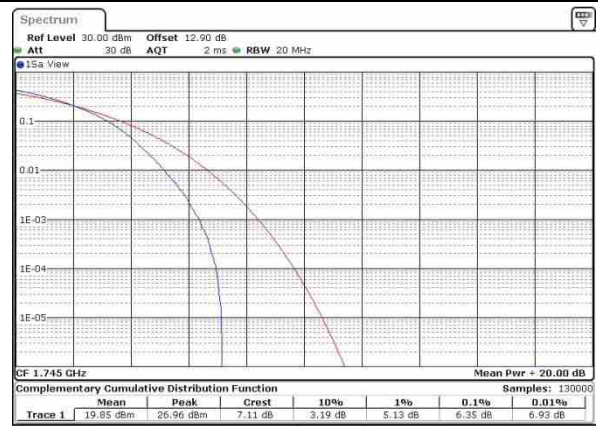
Lowest Channel / Full RB



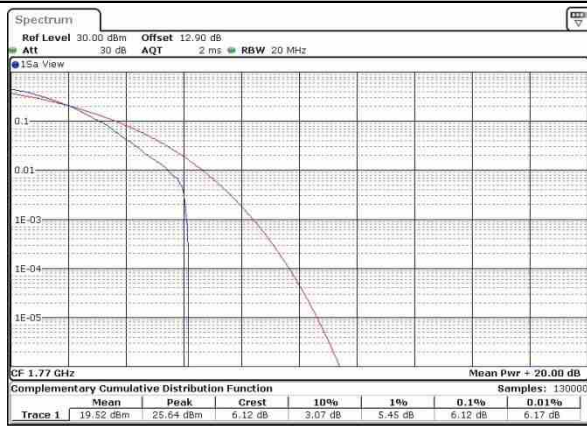
Middle Channel / 1RB



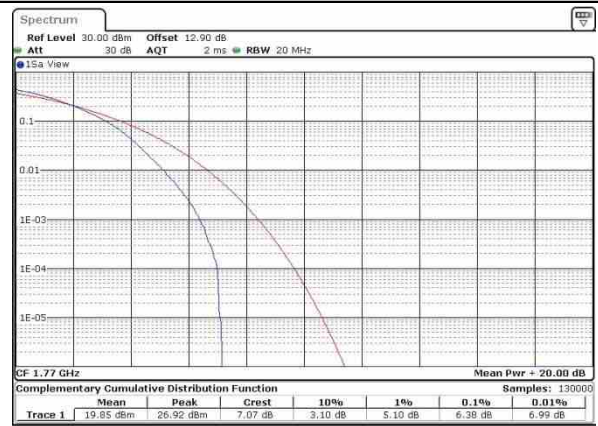
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



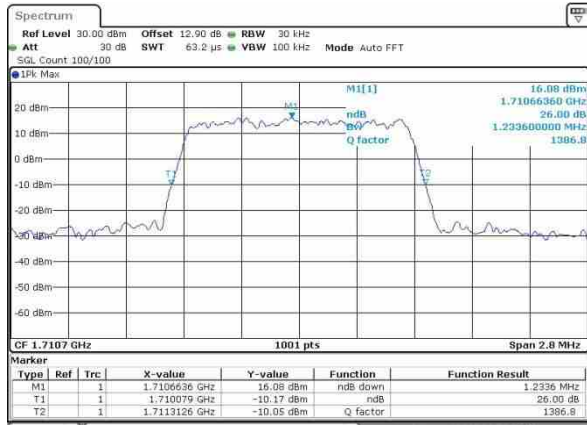
**26dB Bandwidth**

Mode	LTE Band 66 : 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	1.23	1.22	3.05	3.00	4.91	4.90	9.83	9.69	14.24	14.45	20.14	20.06
Middle CH	1.24	1.23	2.99	3.05	4.91	4.81	9.81	9.81	14.21	14.21	20.18	20.62
Highest CH	1.23	1.23	3.03	3.04	4.92	4.84	9.83	9.75	14.36	14.30	20.10	20.26
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.04	-	4.92	-	9.67	-	14.30	-	20.14	-
Middle CH	1.22	-	3.04	-	4.88	-	9.77	-	14.15	-	20.22	-
Highest CH	1.23	-	3.00	-	4.92	-	9.81	-	14.60	-	20.38	-



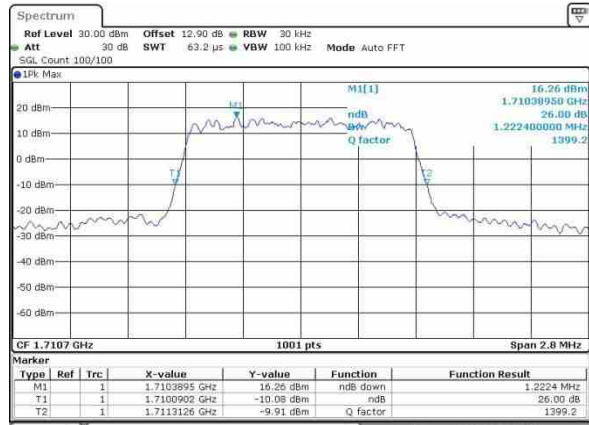
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



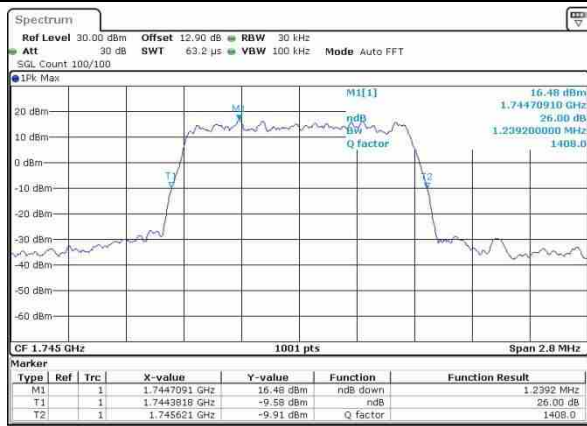
Date: 15.MAR.2018 13:54:19

Lowest Channel / 1.4MHz / 16QAM



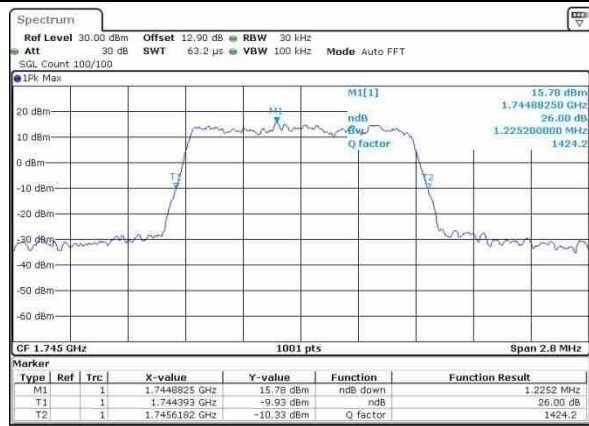
Date: 15.MAR.2018 13:54:13

Middle Channel / 1.4MHz / QPSK



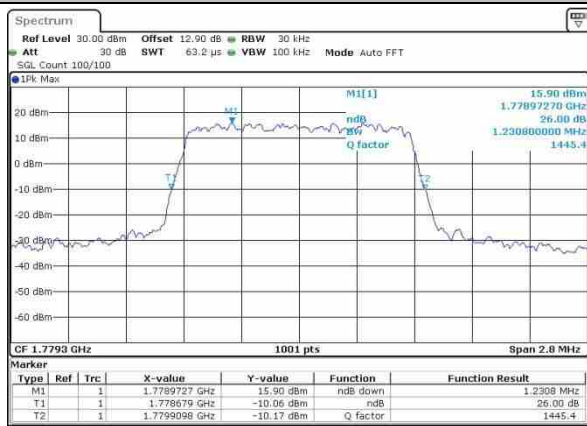
Date: 15.MAR.2018 14:01:40

Middle Channel / 1.4MHz / 16QAM



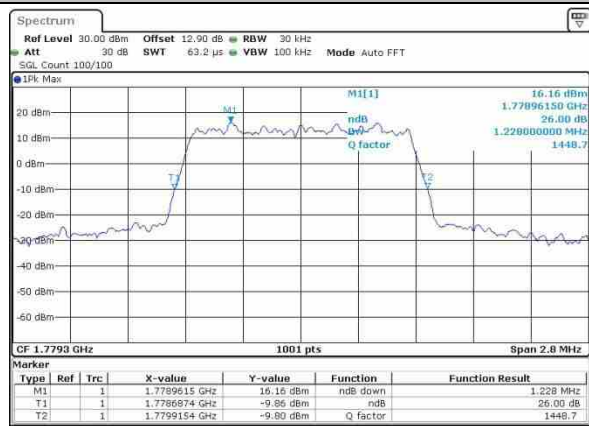
Date: 15.MAR.2018 14:01:51

Highest Channel / 1.4MHz / QPSK



Date: 15.MAR.2018 14:04:22

Highest Channel / 1.4MHz / 16QAM

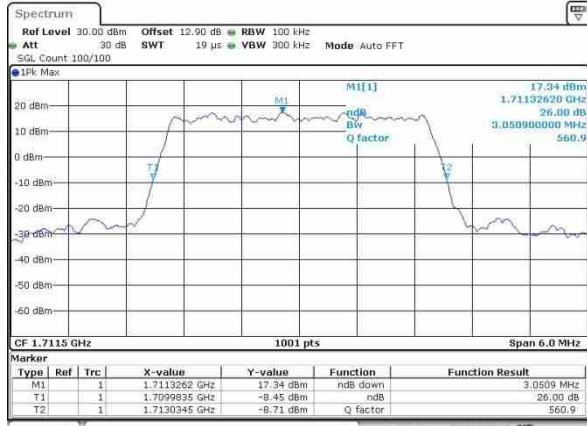


Date: 15.MAR.2018 14:04:33



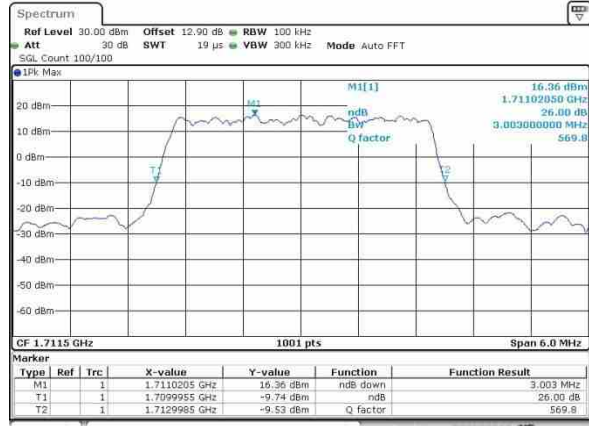
LTE Band 66

Lowest Channel / 3MHz / QPSK



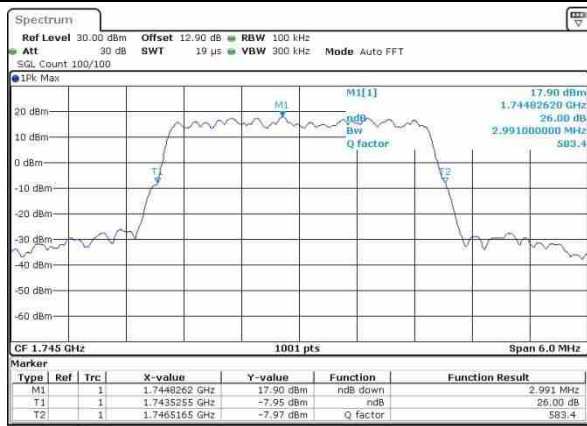
Date: 15.MAR.2018 14:20:24

Lowest Channel / 3MHz / 16QAM



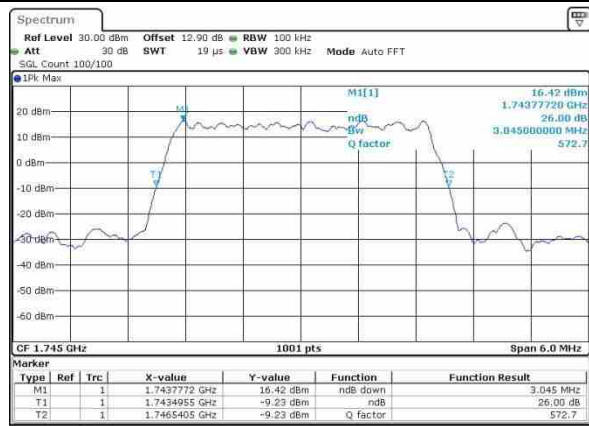
Date: 15.MAR.2018 14:20:136

Middle Channel / 3MHz / QPSK



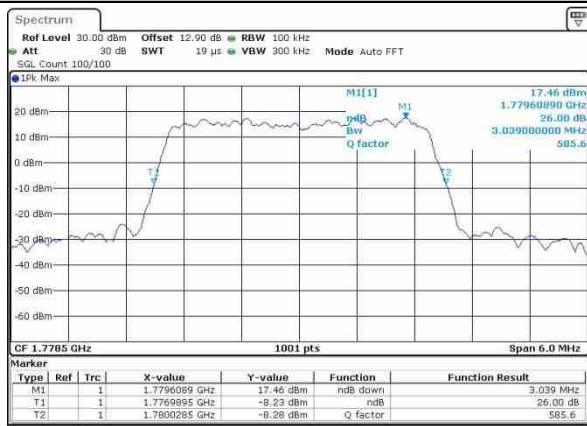
Date: 15.MAR.2018 14:27:44

Middle Channel / 3MHz / 16QAM



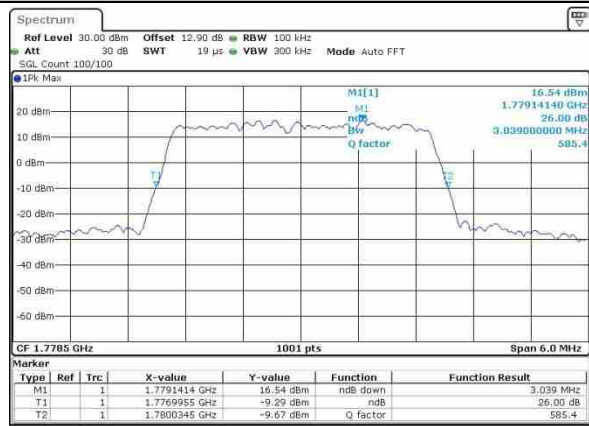
Date: 15.MAR.2018 14:27:155

Highest Channel / 3MHz / QPSK



Date: 15.MAR.2018 14:30:26

Highest Channel / 3MHz / 16QAM



Date: 15.MAR.2018 14:30:138