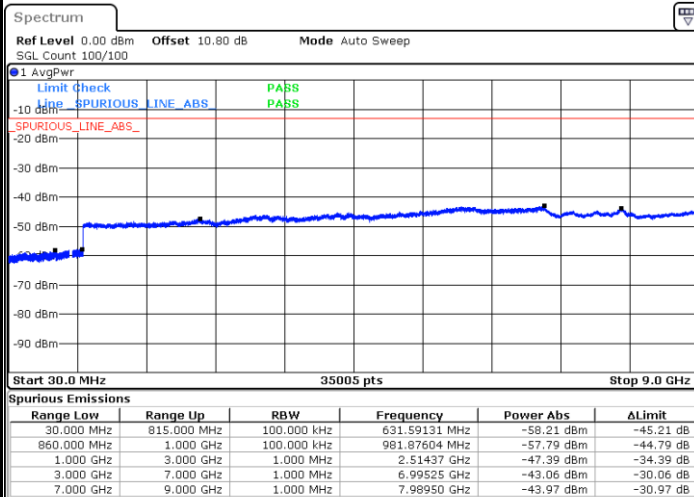
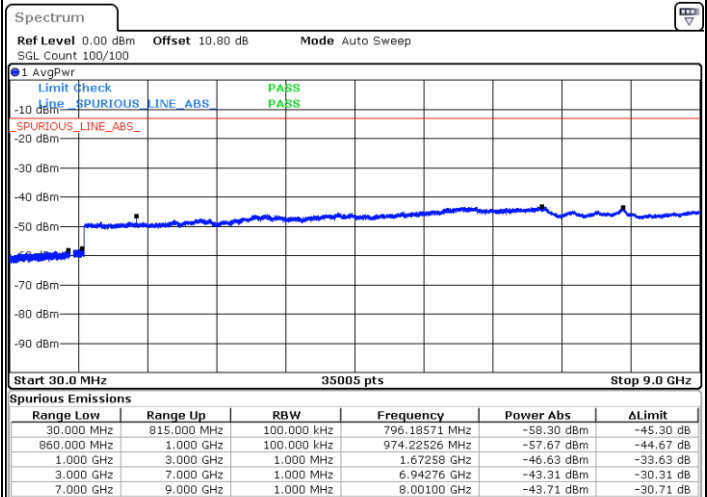
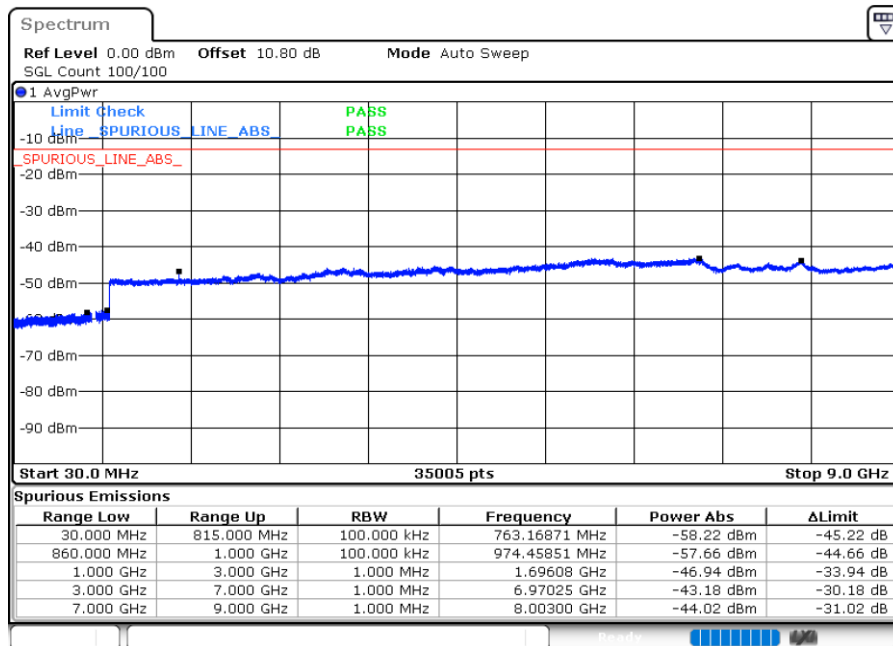


**Conducted Spurious Emission****LTE Band 26 / 1.4MHz****Lowest Channel / QPSK**

Date: 13.DEC.2020 12:35:08

Middle Channel / QPSK

Date: 13.DEC.2020 12:36:23

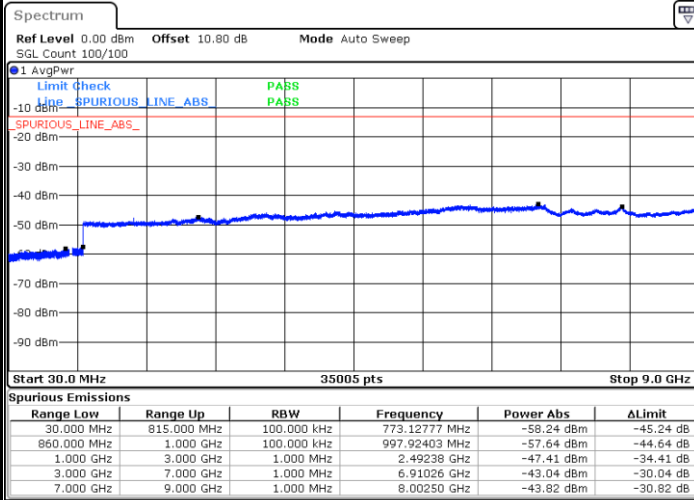
Highest Channel / QPSK

Date: 13.DEC.2020 12:36:50



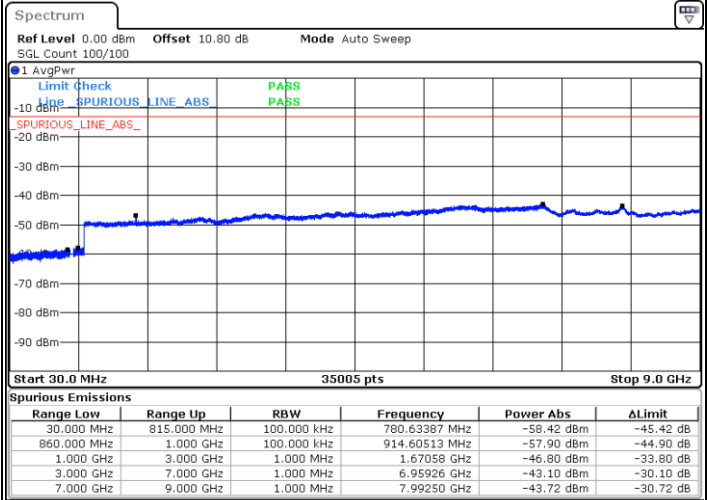
LTE Band 26 / 3MHz

Lowest Channel / QPSK



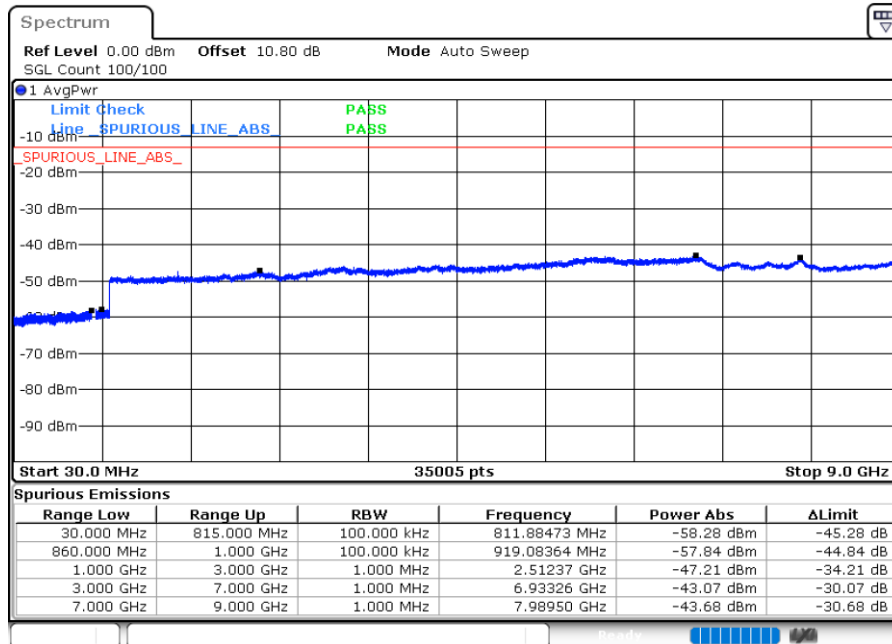
Date: 13.DEC.2020 12:38:06

Middle Channel / QPSK



Date: 13.DEC.2020 12:39:22

Highest Channel / QPSK

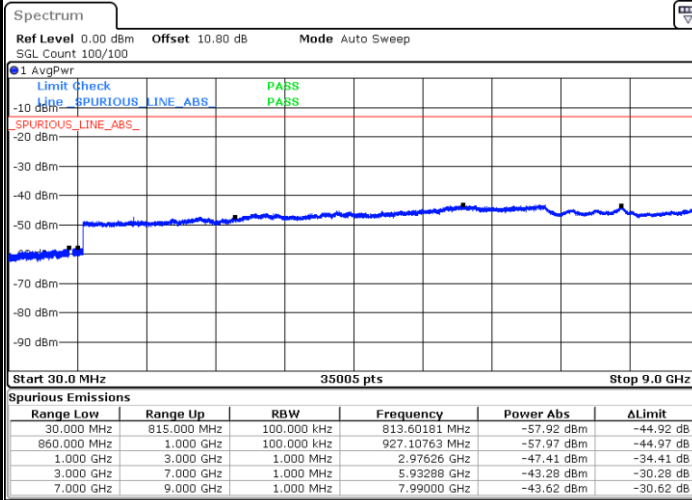


Date: 13.DEC.2020 12:39:49



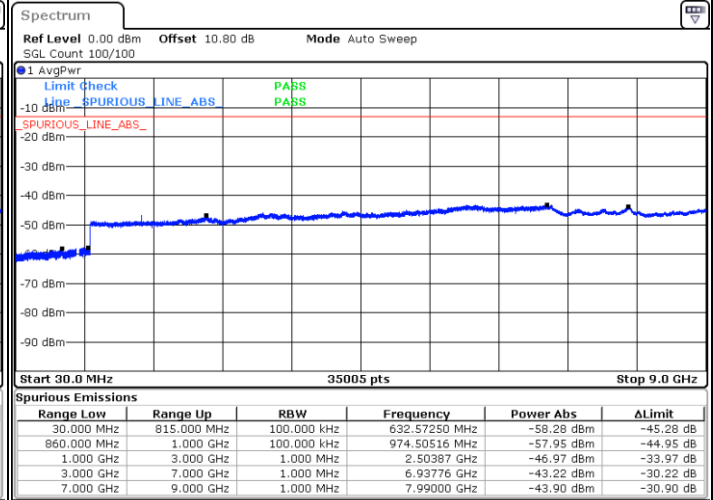
LTE Band 26 / 5MHz

Lowest Channel / QPSK



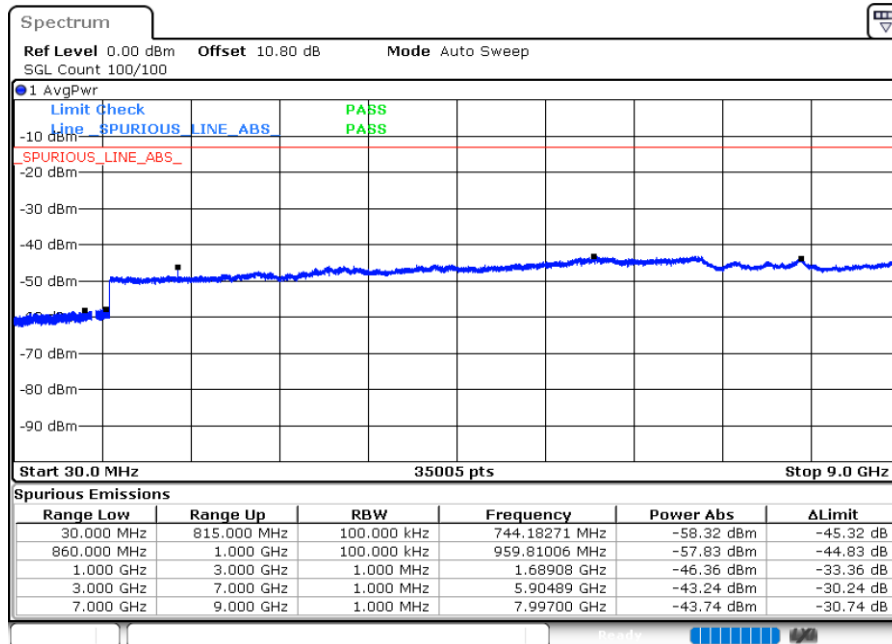
Date: 13.DEC.2020 12:42:36

Middle Channel / QPSK



Date: 13.DEC.2020 12:43:52

Highest Channel / QPSK

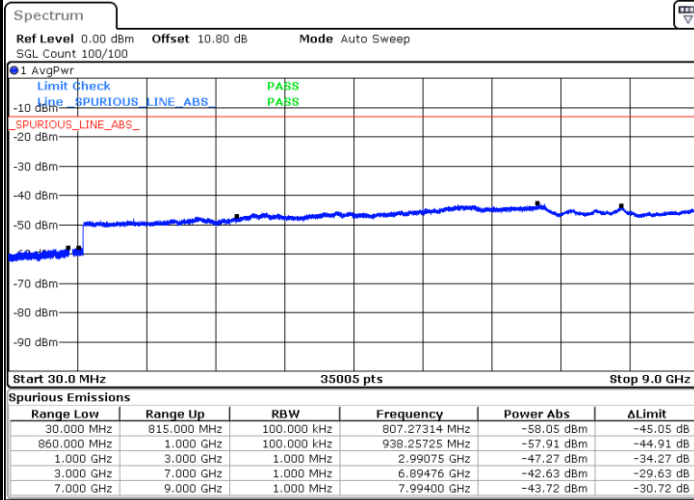


Date: 13.DEC.2020 12:46:38



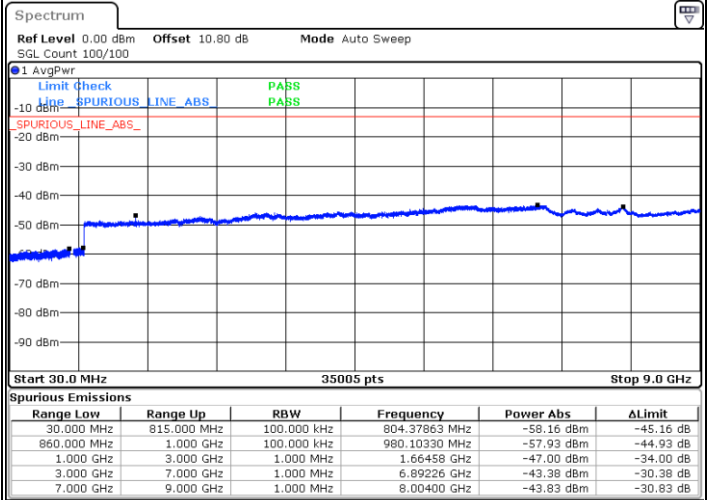
LTE Band 26 / 10MHz

Lowest Channel / QPSK



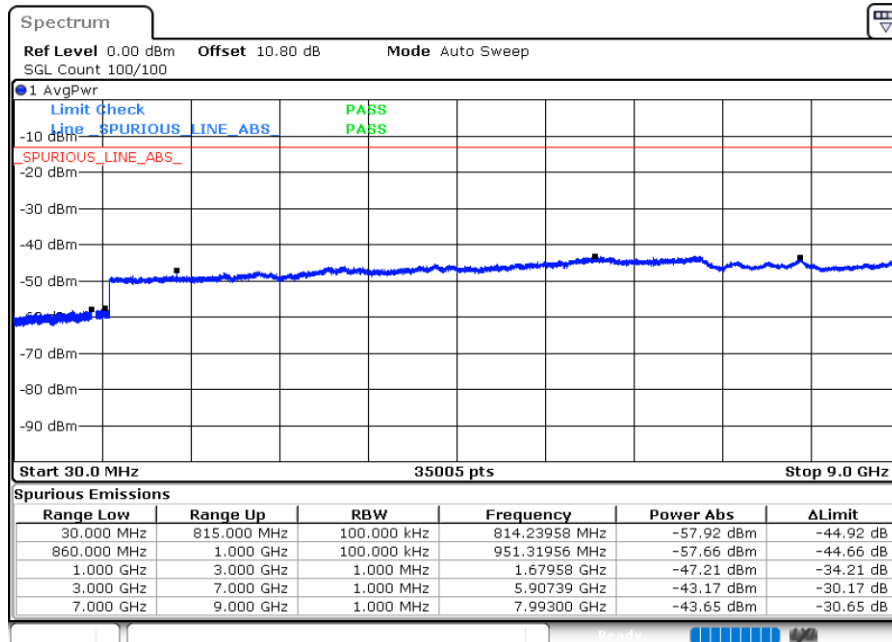
Date: 13.DEC.2020 12:52:08

Middle Channel / QPSK



Date: 13.DEC.2020 12:53:12

Highest Channel / QPSK

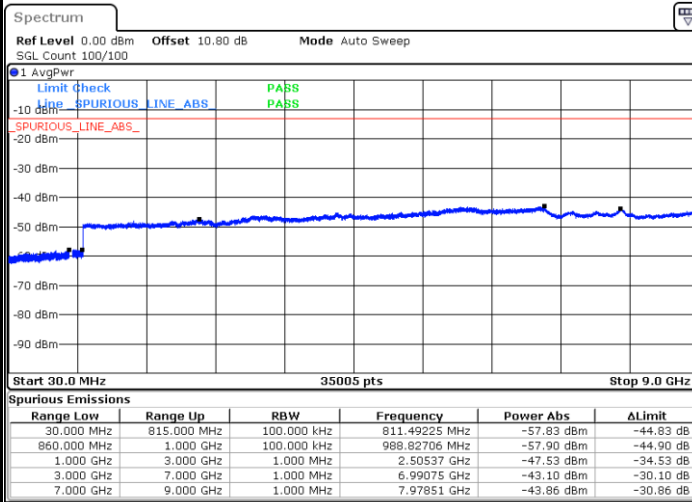


Date: 13.DEC.2020 12:55:58



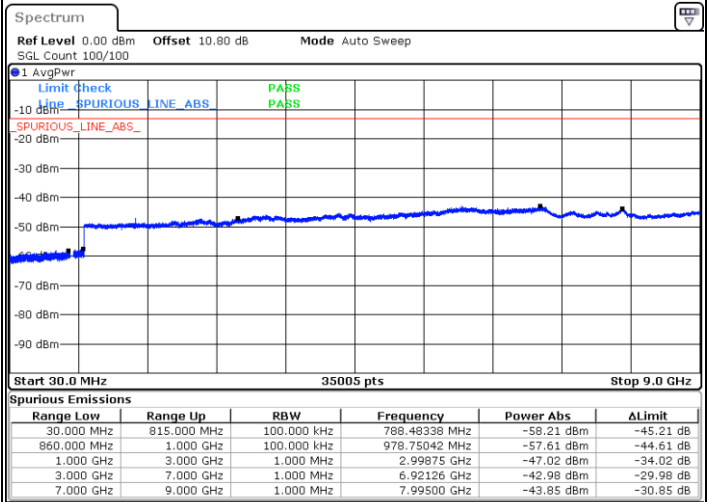
LTE Band 26 / 15MHz

Lowest Channel / QPSK



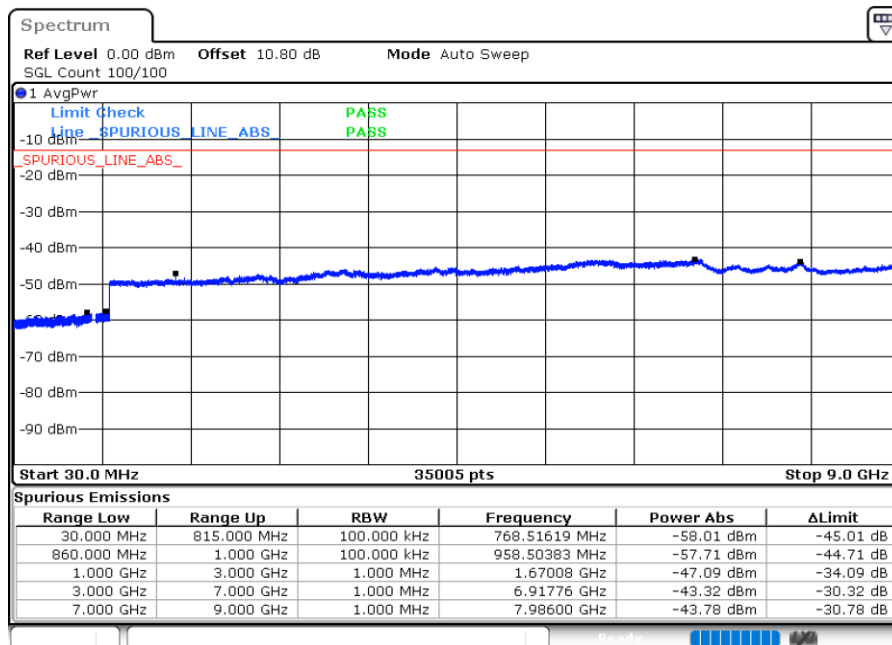
Date: 13.DEC.2020 13:04:04

Middle Channel / QPSK



Date: 13.DEC.2020 13:05:20

Highest Channel / QPSK



Date: 13.DEC.2020 13:08:05

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	0.0128	PASS
40	Normal Voltage	0.0166	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0128	
0	Normal Voltage	0.0159	
-10	Normal Voltage	0.0178	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0066	
20	Normal Voltage	0.0128	
20	Battery End Point	0.0036	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



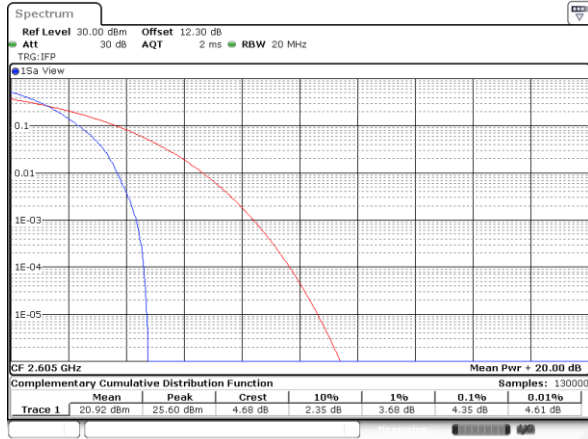
LTE Band 41

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.35	5.71	6.23	PASS

LTE Band 41 / 20MHz / QPSK

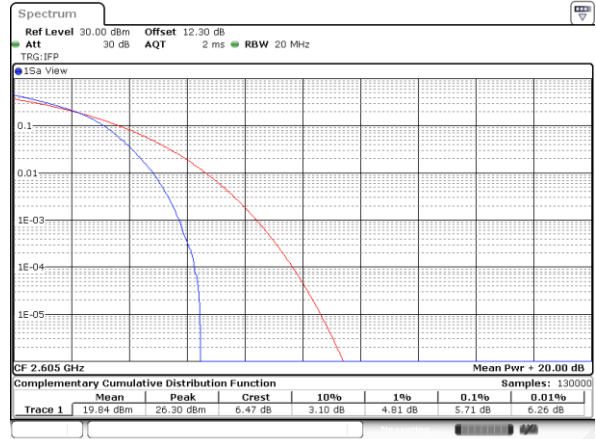
Middle Channel / Full RB



Date: 13.DEC.2020 17:36:32

LTE Band 41 / 20MHz / 16QAM

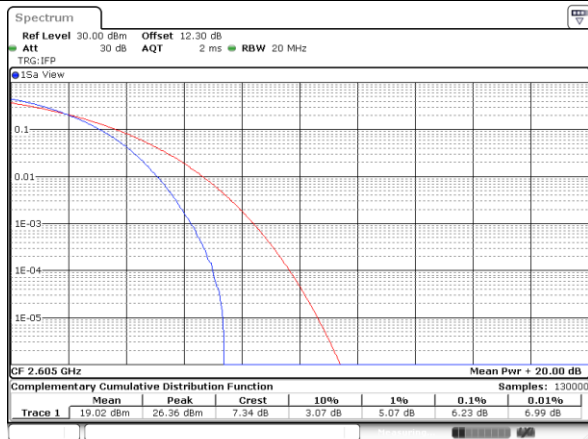
Middle Channel / Full RB



Date: 13.DEC.2020 17:36:11

LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 13.DEC.2020 17:35:51

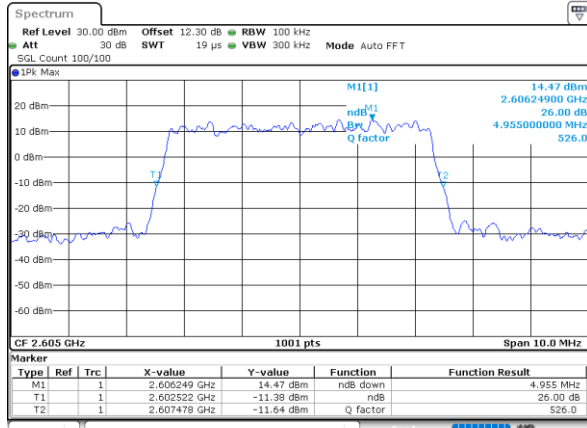
**26dB Bandwidth**

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
Middle CH	-	-	-	-	4.96	4.77	9.71	9.75	14.36	14.21	18.78	18.66
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.78	-	9.59	-	14.21	-	18.86	-



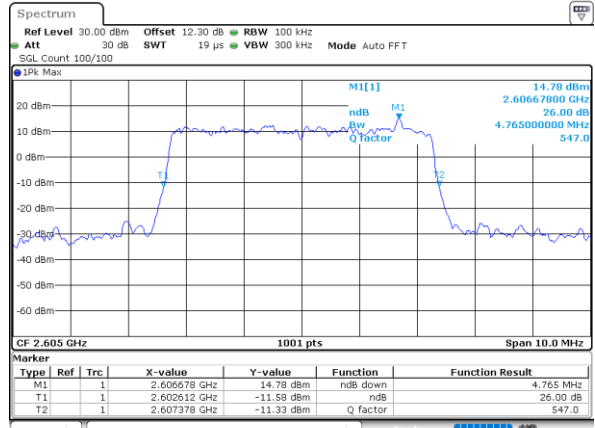
LTE Band 41

Middle Channel / 5MHz / QPSK



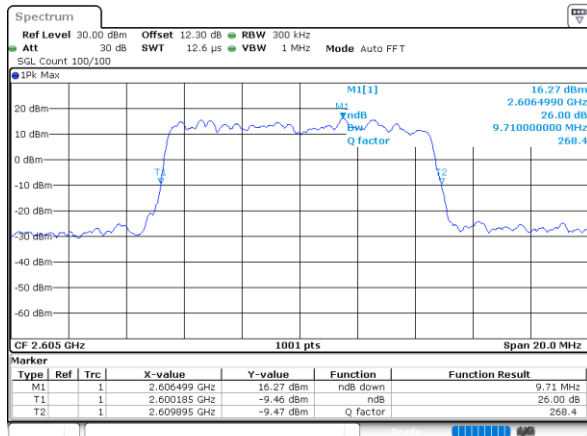
Date: 13.DEC.2020 17:12:17

Middle Channel / 5MHz / 16QAM



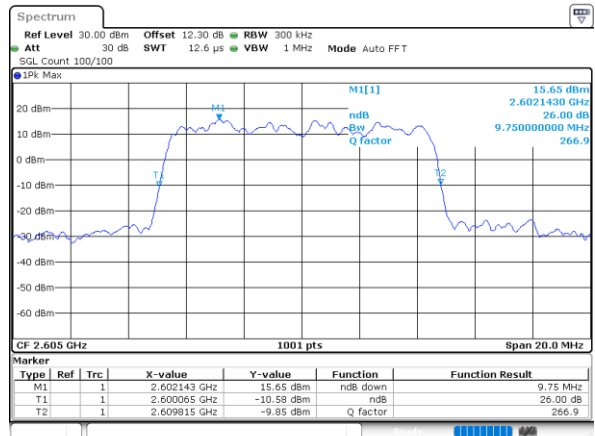
Date: 13.DEC.2020 17:12:19

Middle Channel / 10MHz / QPSK



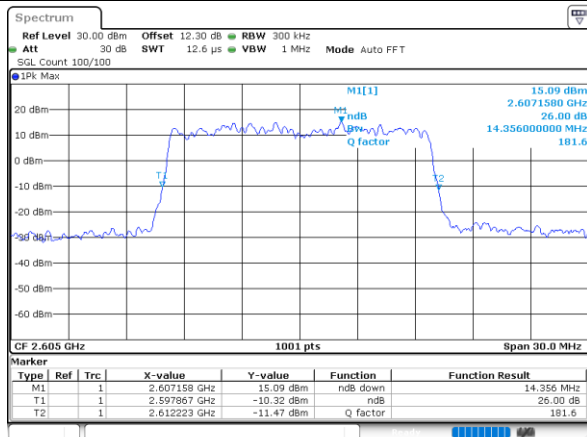
Date: 13.DEC.2020 17:13:25

Middle Channel / 10MHz / 16QAM



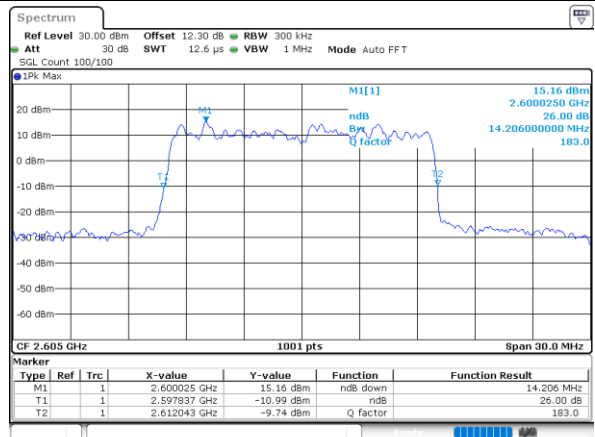
Date: 13.DEC.2020 17:13:17

Middle Channel / 15MHz / QPSK



Date: 13.DEC.2020 17:14:13

Middle Channel / 15MHz / 16QAM

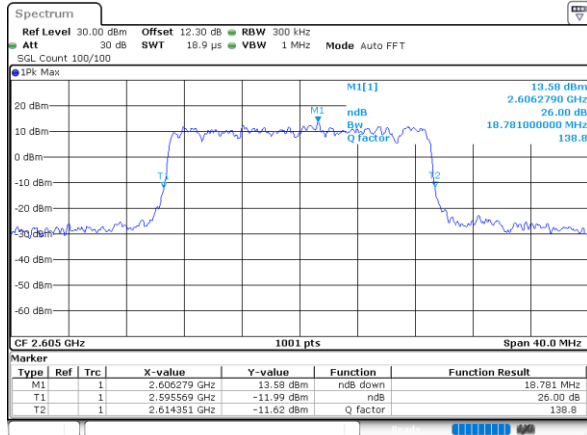


Date: 13.DEC.2020 17:14:24

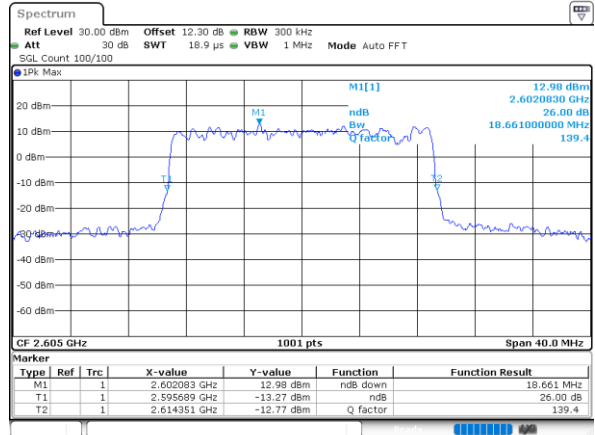


LTE Band 41

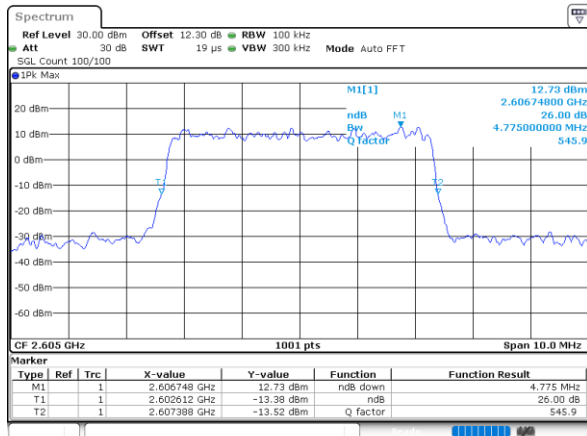
Middle Channel / 20MHz / QPSK



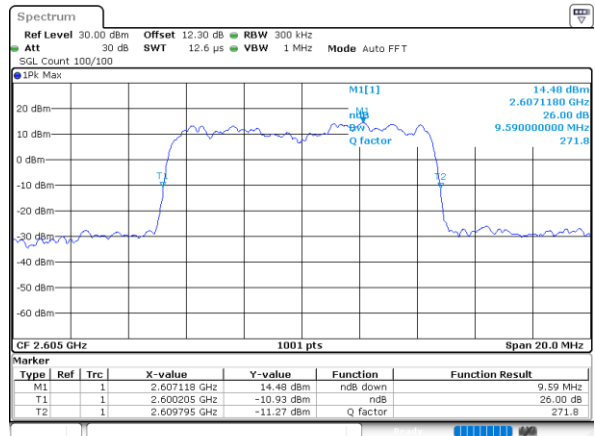
Middle Channel / 20MHz / 16QAM



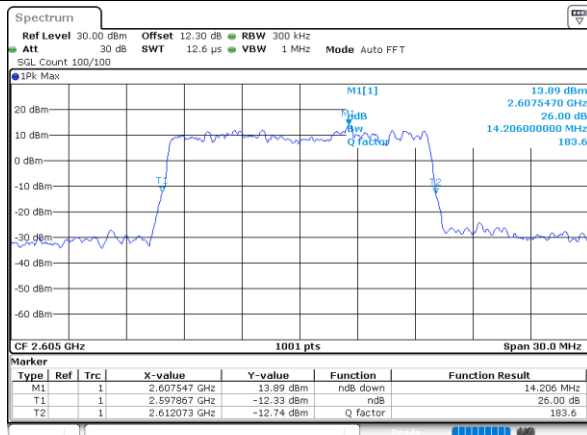
Middle Channel / 5MHz / 64QAM



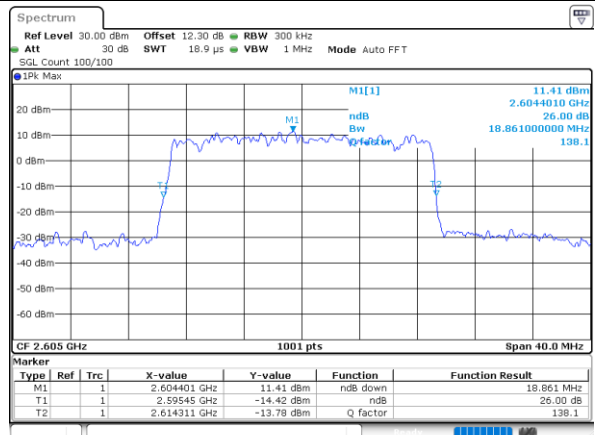
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM



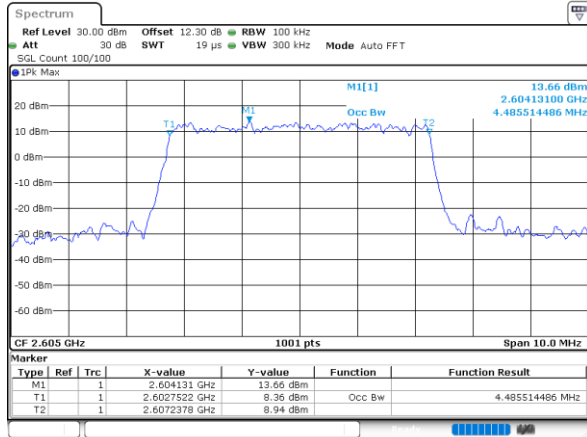
**Occupied Bandwidth**

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
Middle CH	-	-	-	-	4.49	4.47	9.03	8.97	13.40	13.40	17.90	17.86
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.51	-	8.97	-	13.46	-	17.82	-

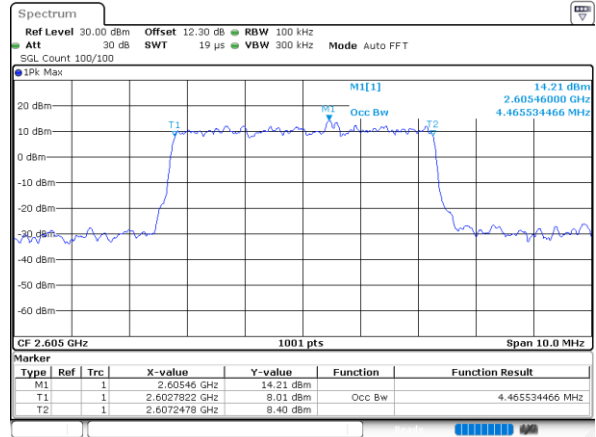


LTE Band 41

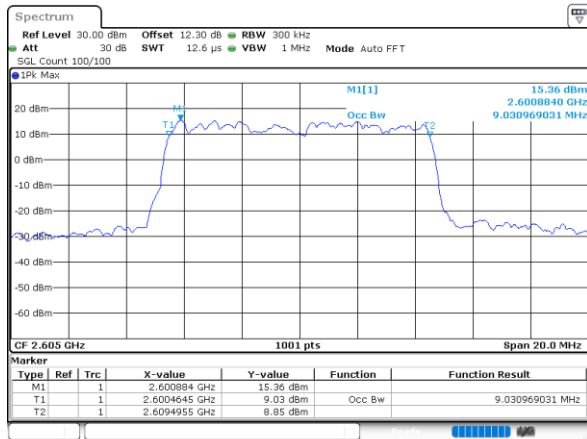
Middle Channel / 5MHz / QPSK



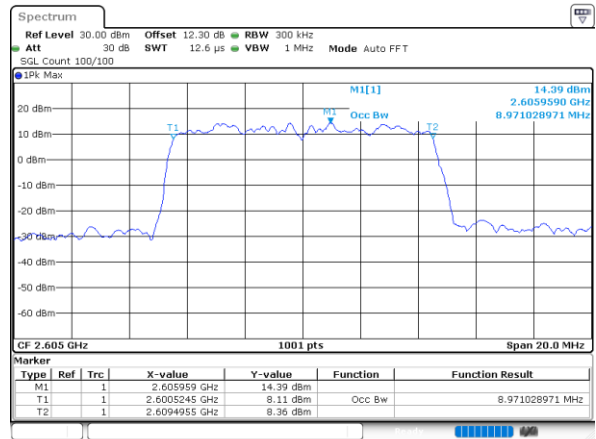
Middle Channel / 5MHz / 16QAM



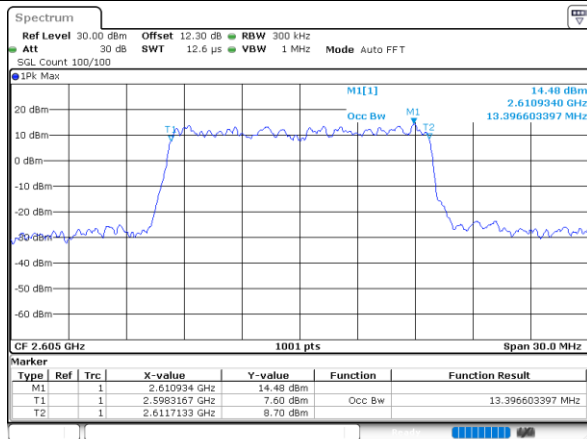
Middle Channel / 10MHz / QPSK



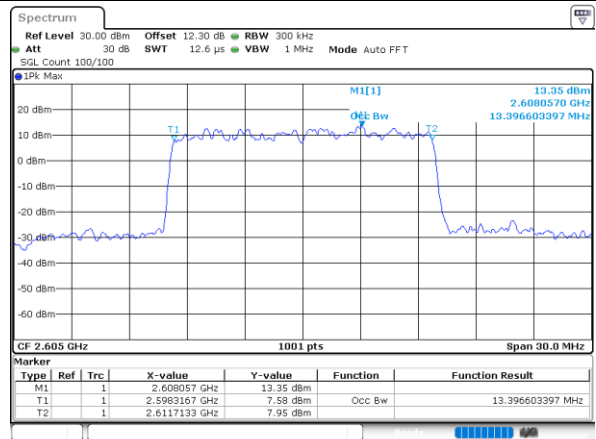
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



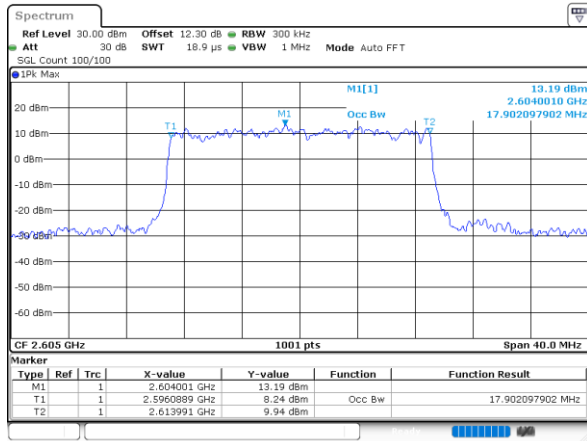
Middle Channel / 15MHz / 16QAM



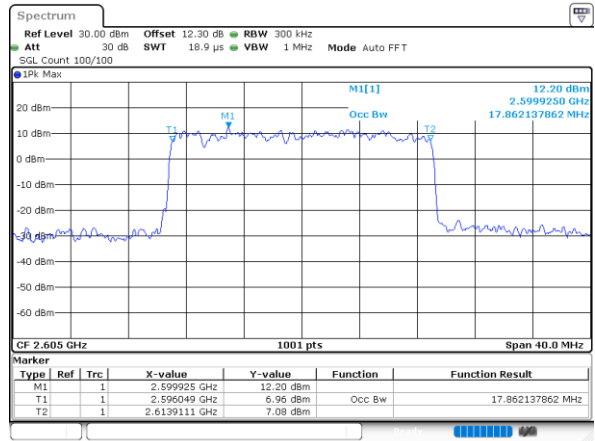


LTE Band 41

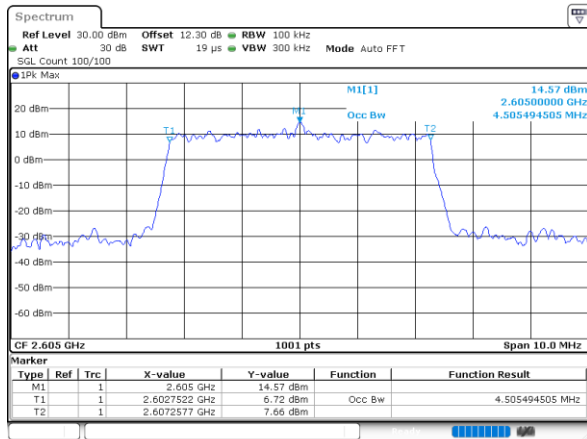
Middle Channel / 20MHz / QPSK



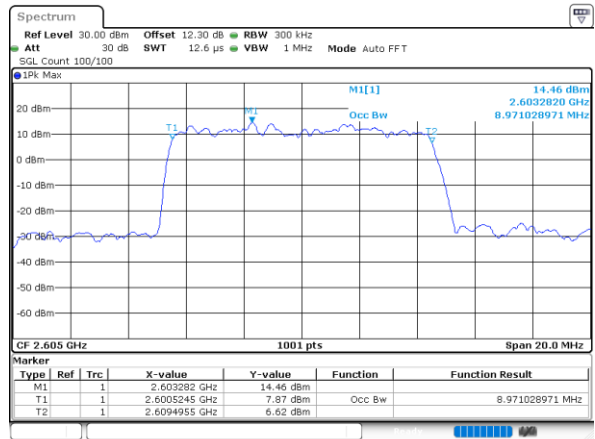
Middle Channel / 20MHz / 16QAM



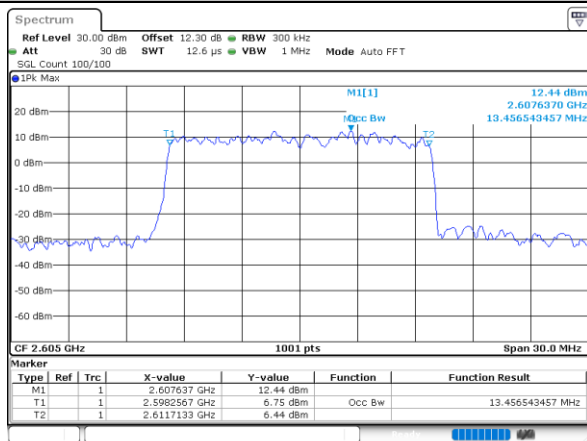
Middle Channel / 5MHz / 64QAM



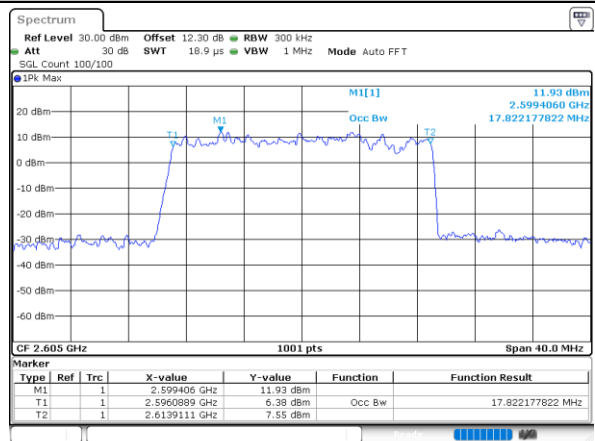
Middle Channel / 10MHz / 64QAM

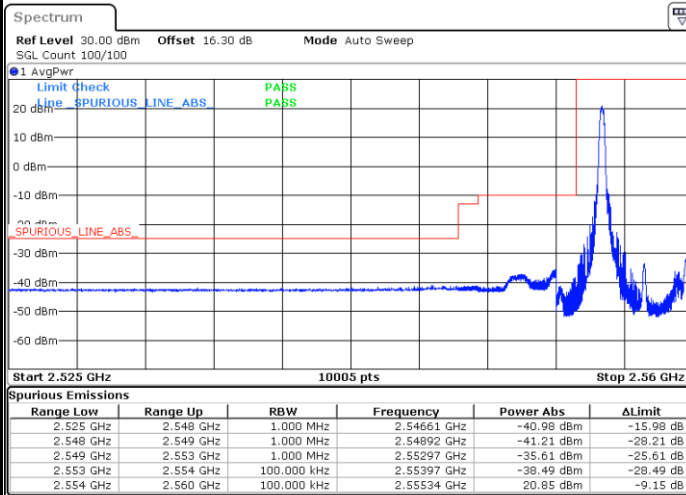
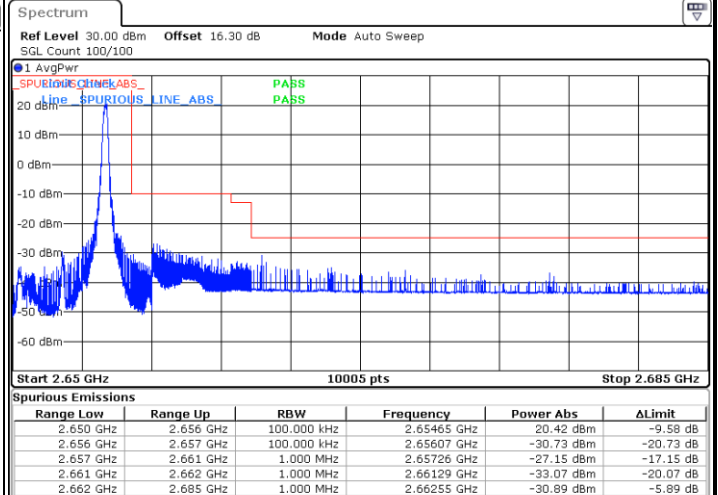
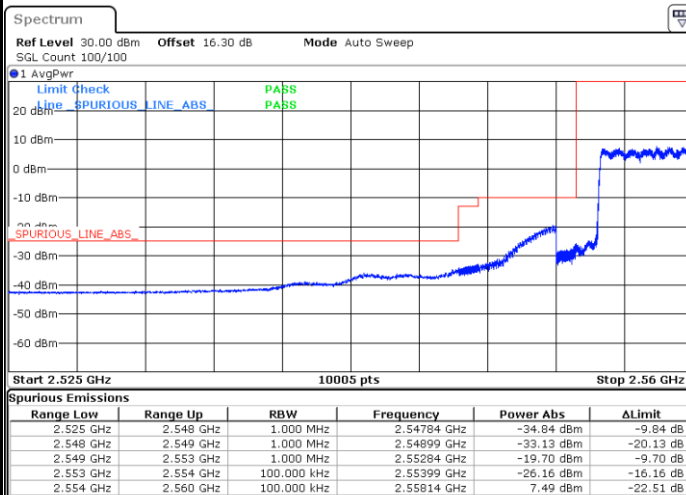
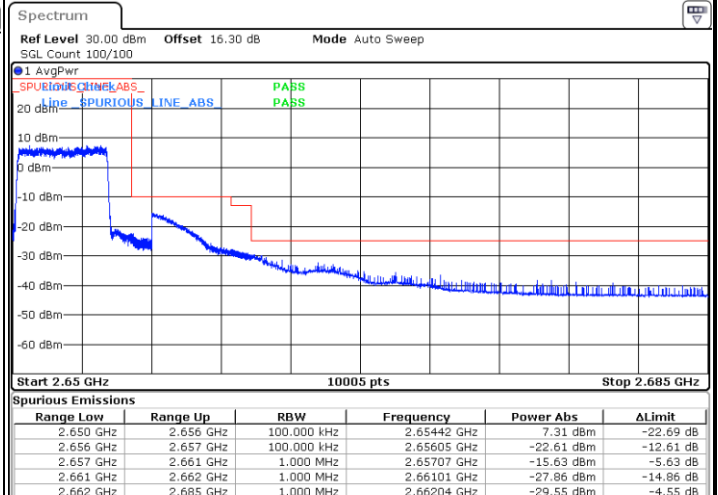


Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM

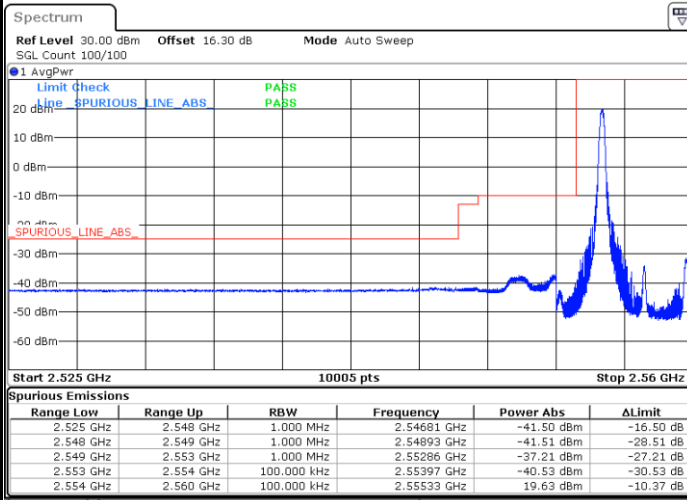


**Conducted Band Edge****LTE Band 41 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

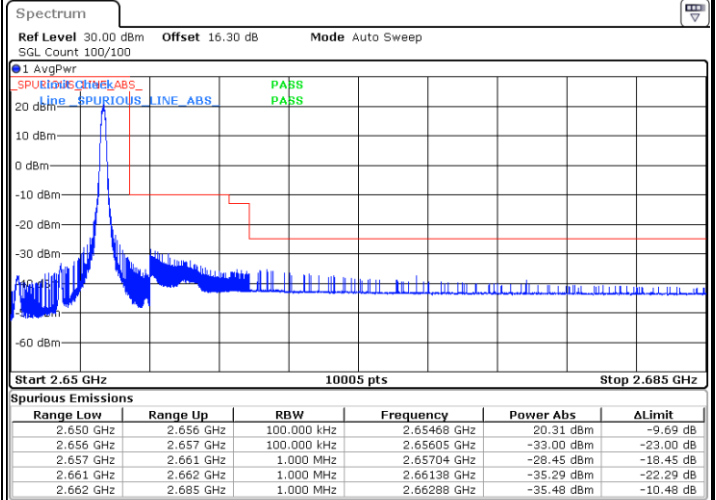


LTE Band 41 / 5MHz / 16QAM

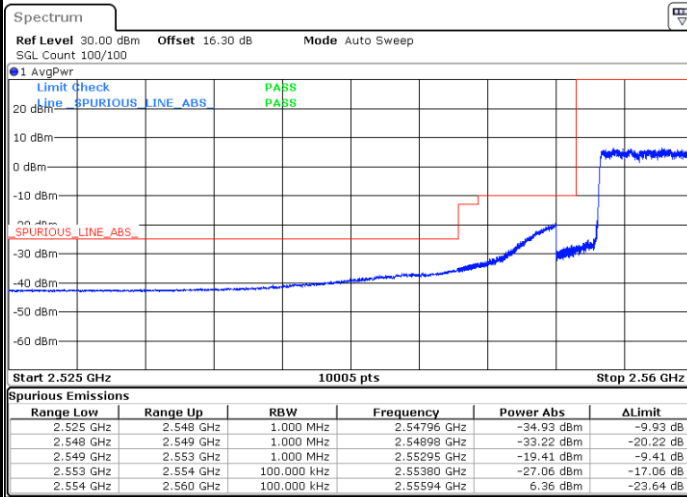
Lowest Band Edge / 1RB



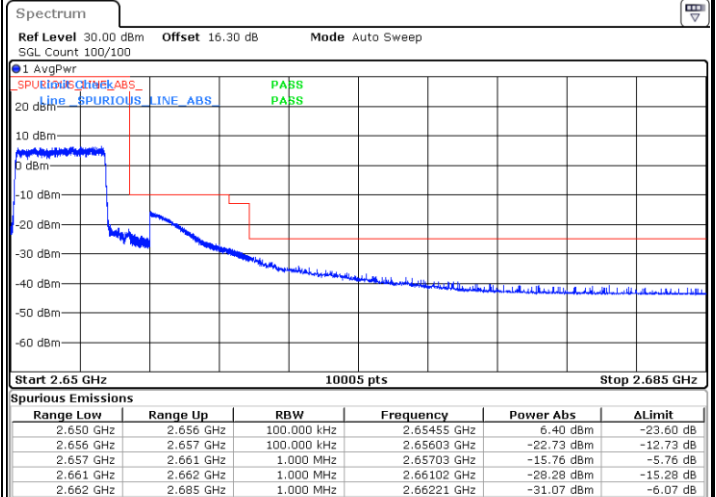
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



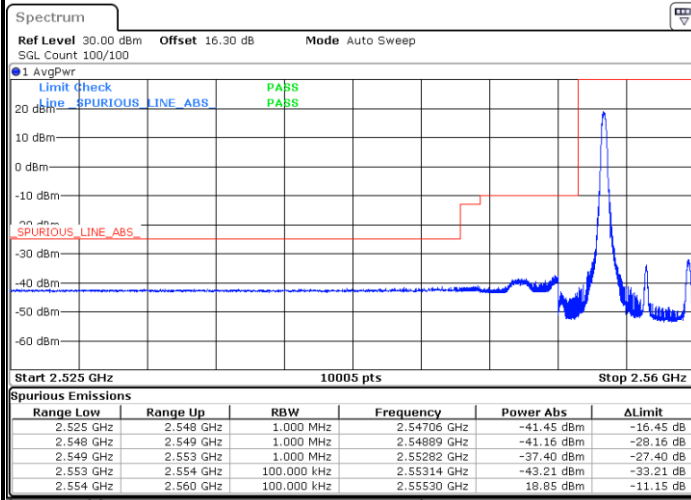
Highest Band Edge / Full RB



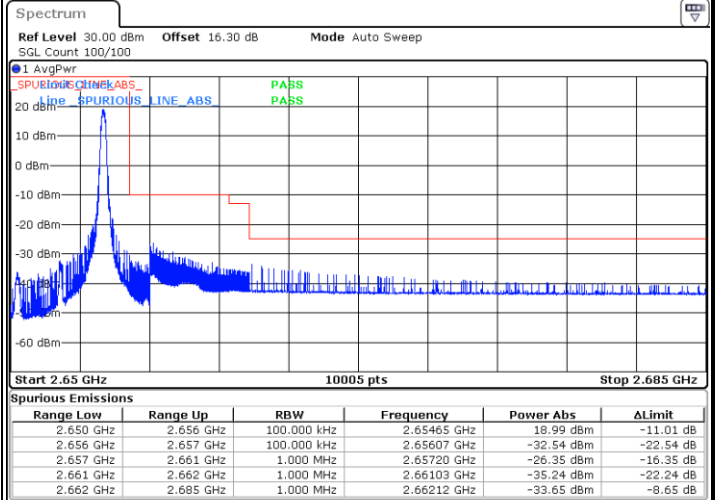


LTE Band 41 / 5MHz / 64QAM

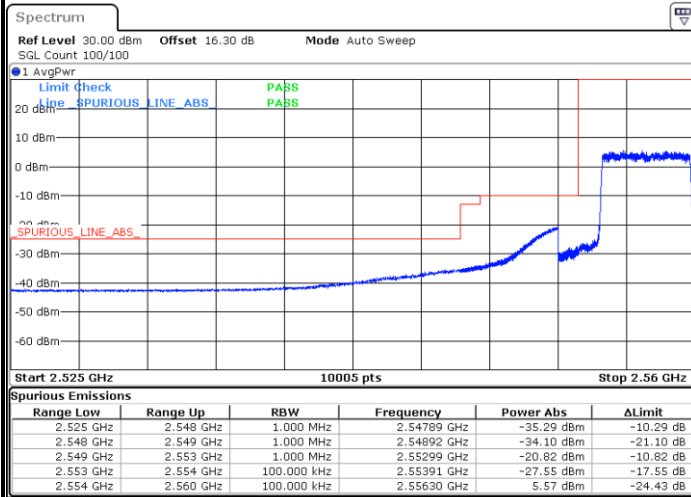
Lowest Band Edge / 1RB



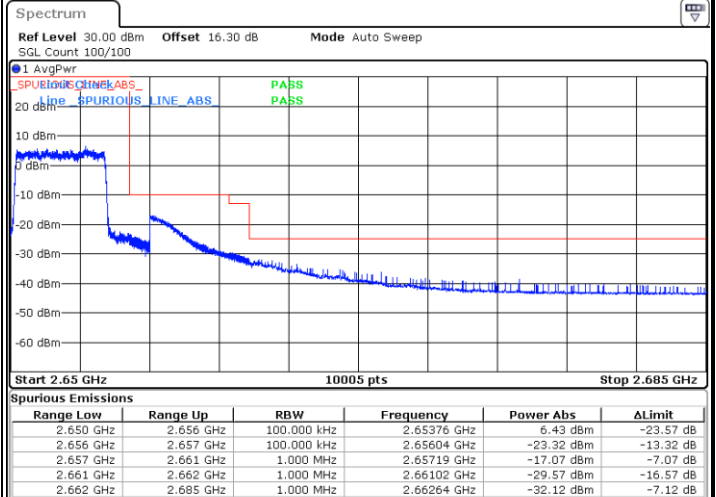
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



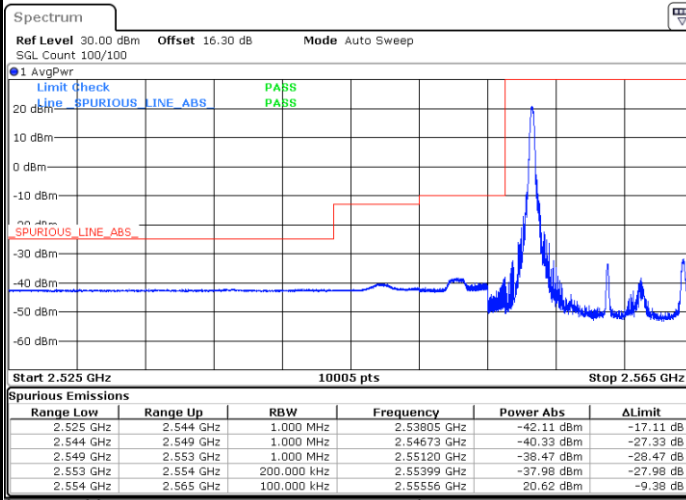
Highest Band Edge / Full RB



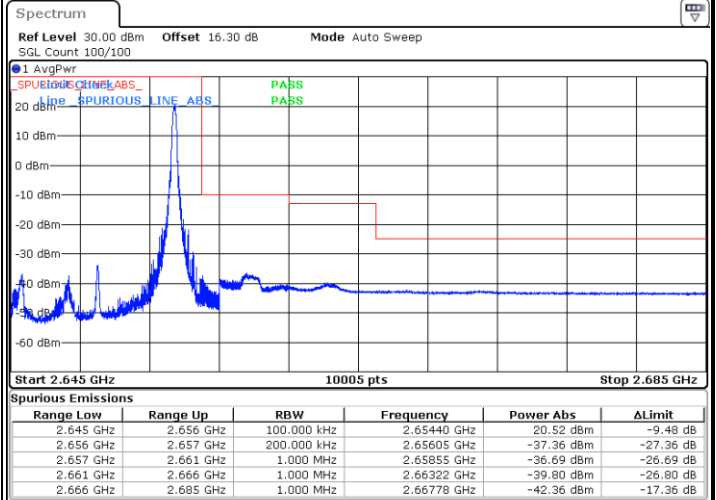


LTE Band 41 / 10MHz / QPSK

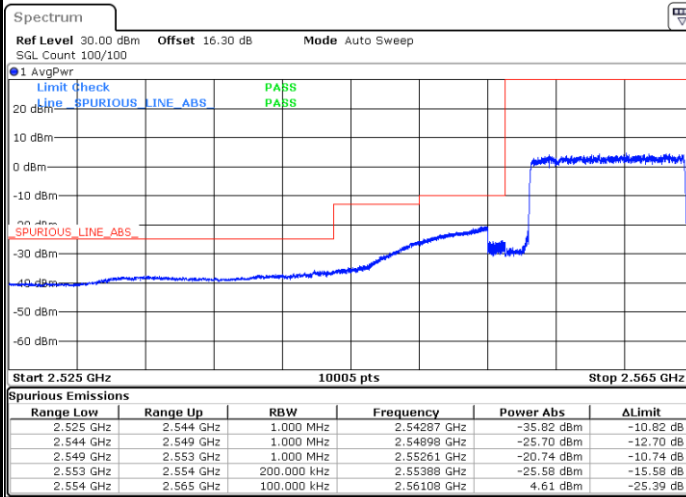
Lowest Band Edge / 1 RB



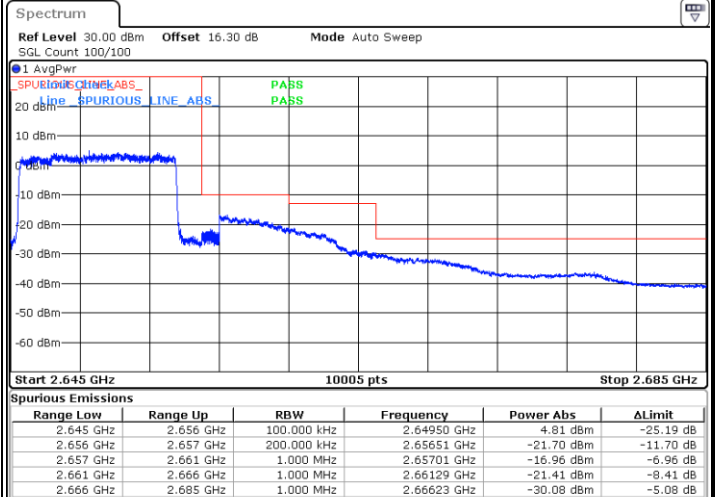
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



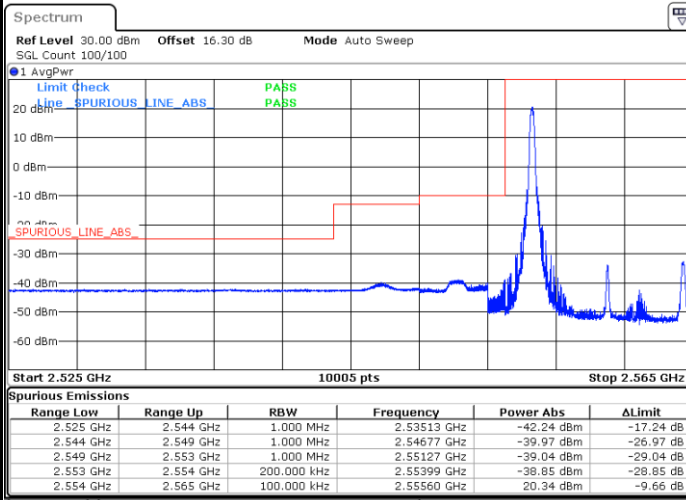
Highest Band Edge / Full RB



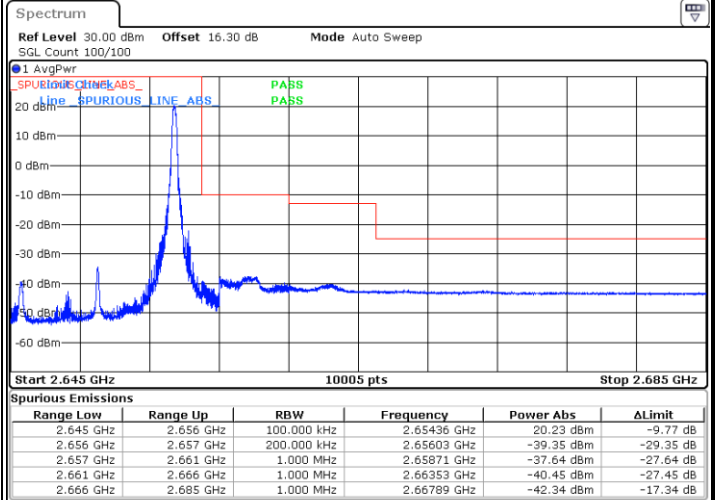


LTE Band 41 / 10MHz / 16QAM

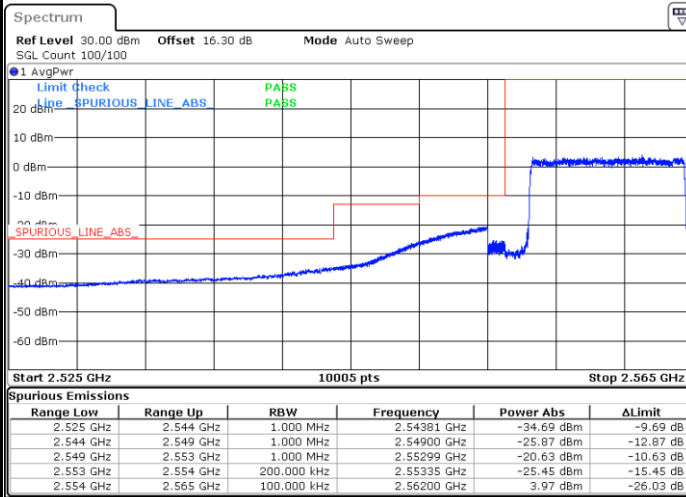
Lowest Band Edge / 1 RB



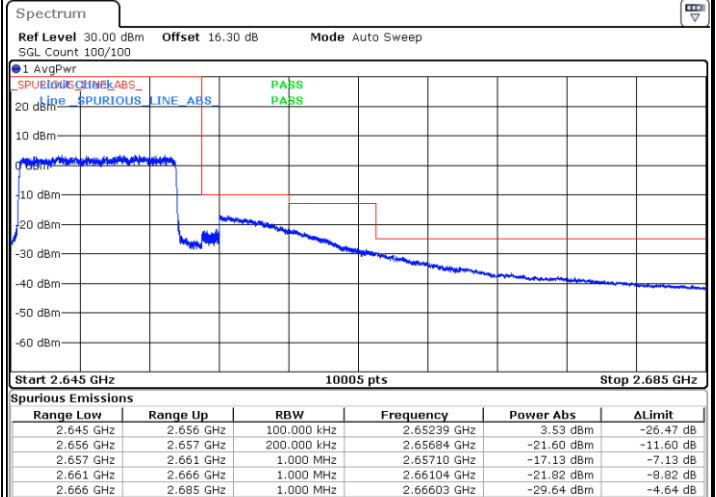
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



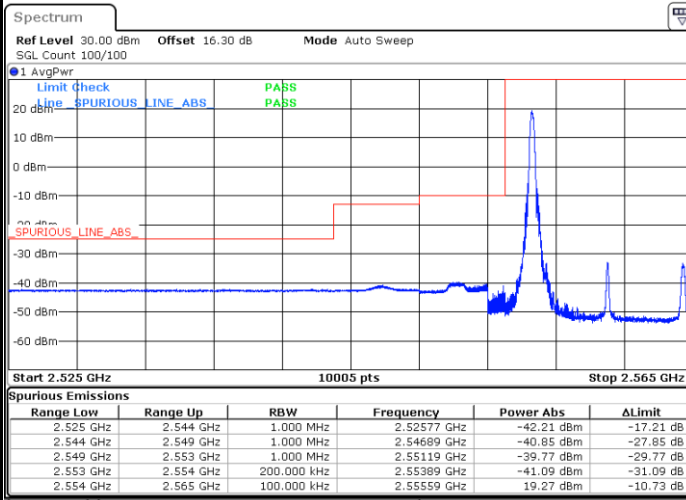
Highest Band Edge / Full RB



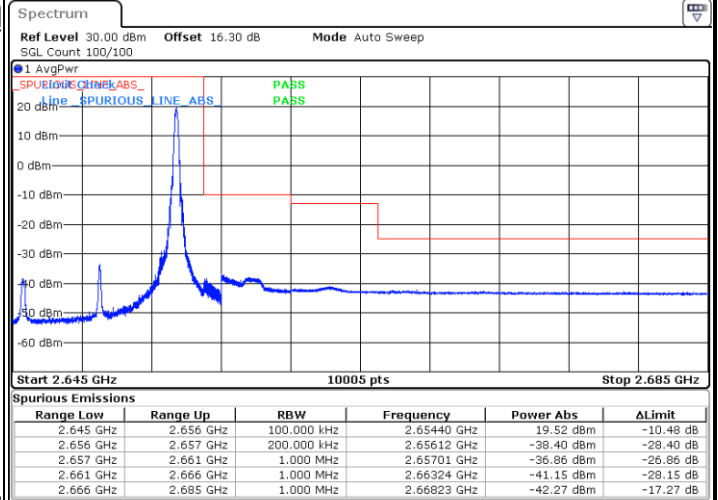


LTE Band 41 / 10MHz / 64QAM

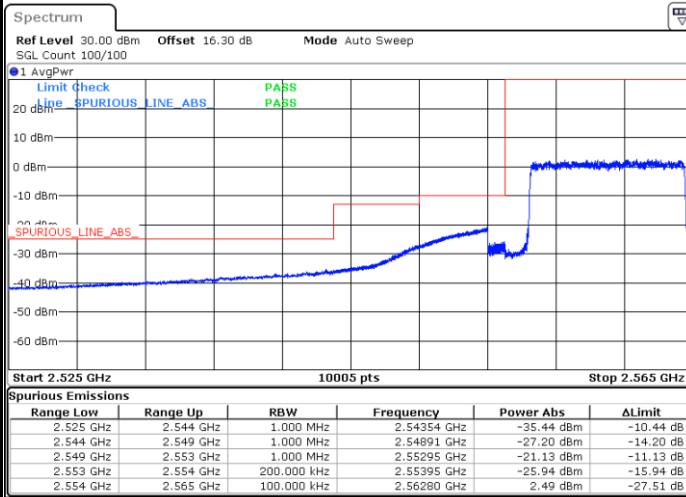
Lowest Band Edge / 1 RB



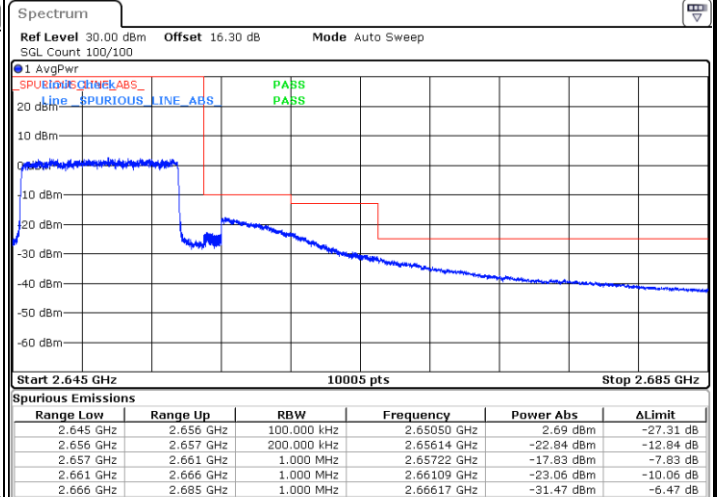
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



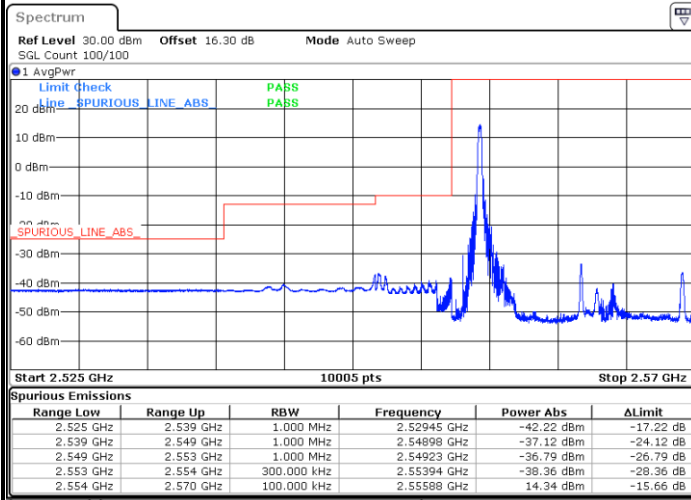
Highest Band Edge / Full RB



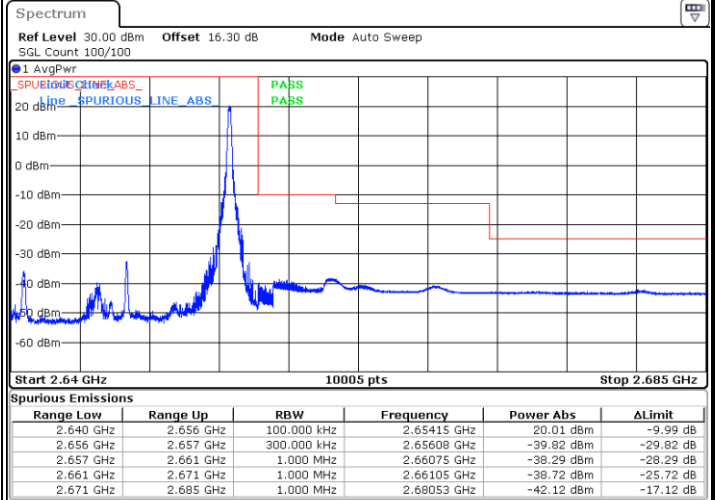


LTE Band 41 / 15MHz / QPSK

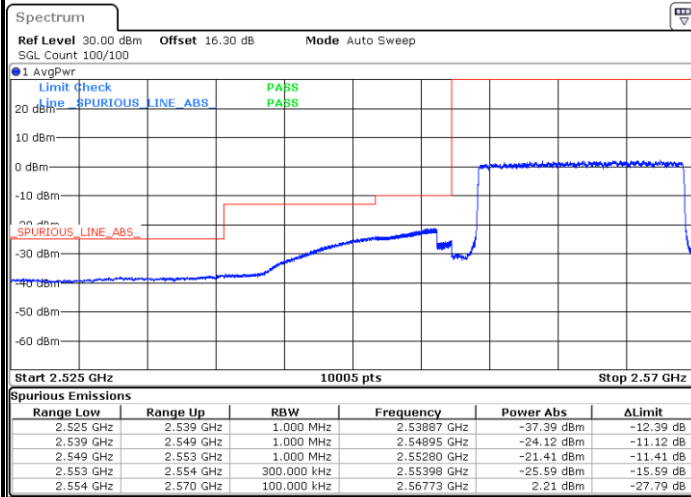
Lowest Band Edge / 1 RB



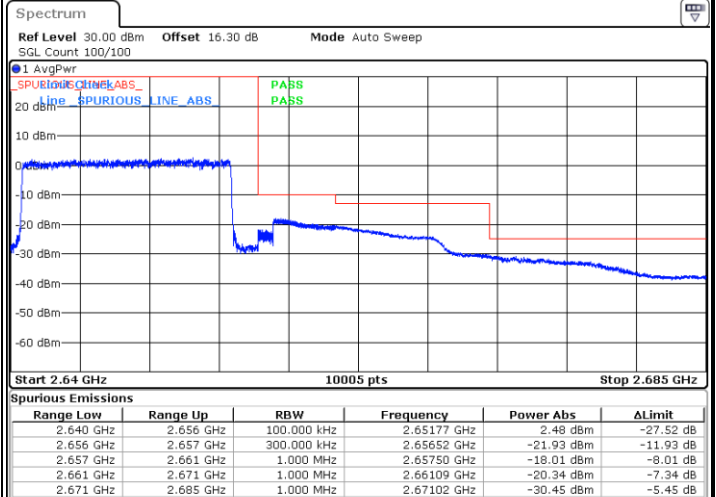
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



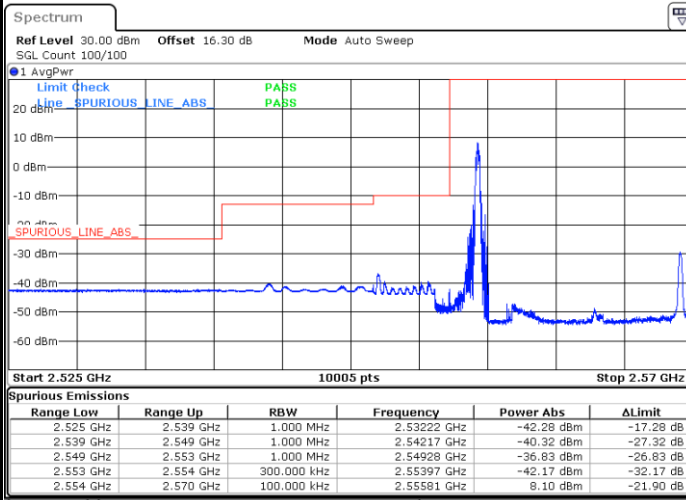
Highest Band Edge / Full RB



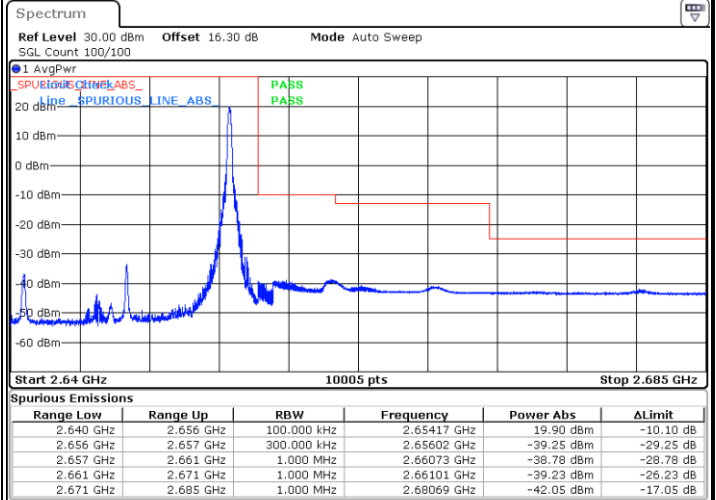


LTE Band 41 / 15MHz / 16QAM

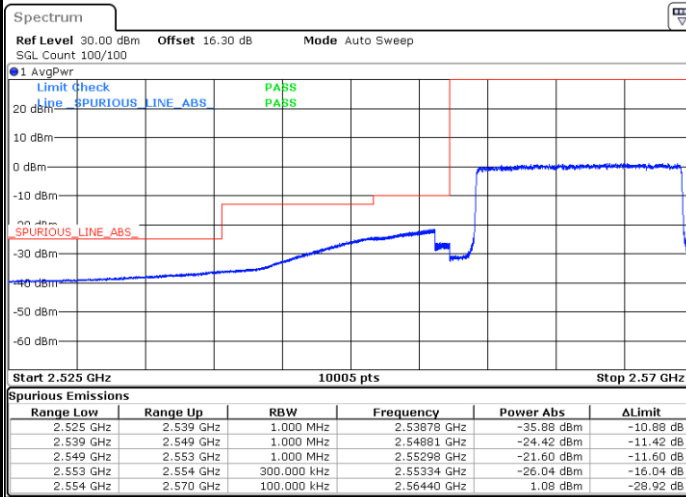
Lowest Band Edge / 1 RB



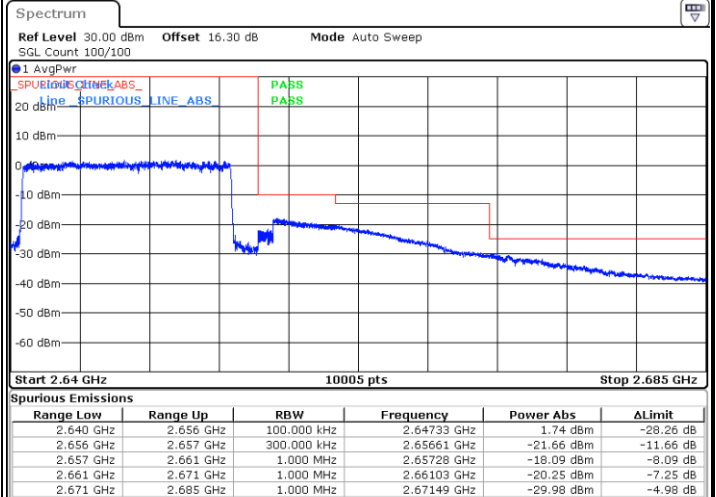
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



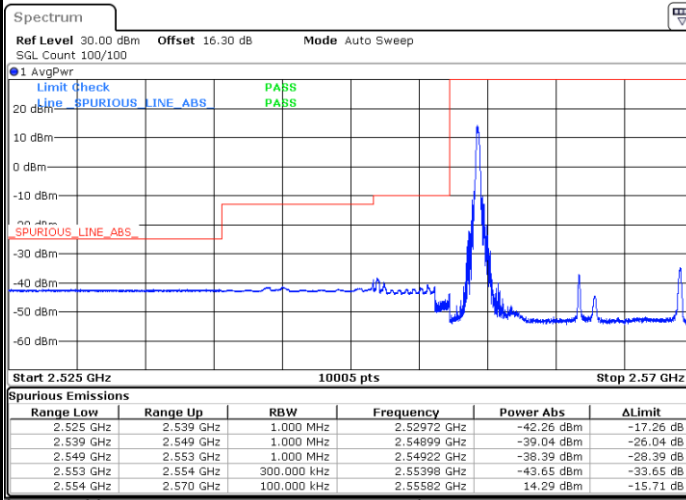
Highest Band Edge / Full RB



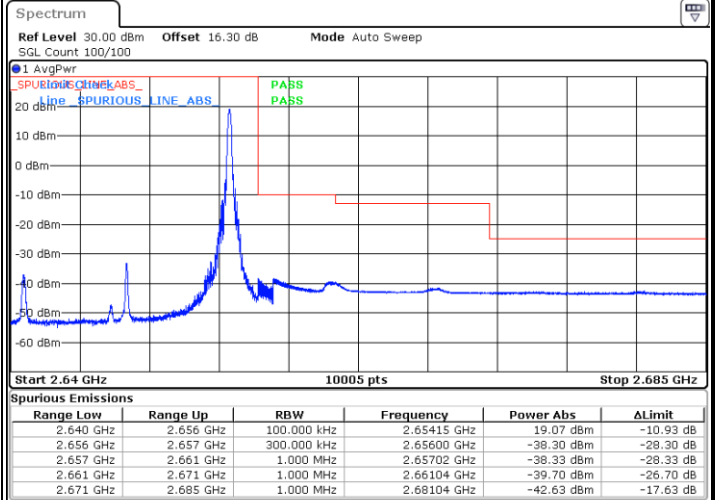


LTE Band 41 / 15MHz / 64QAM

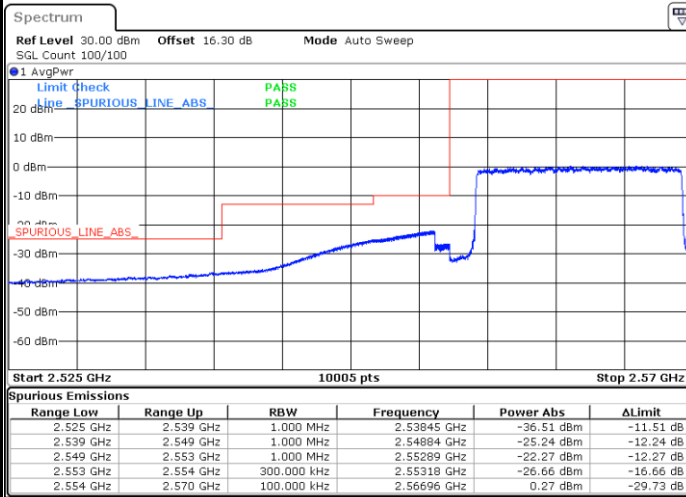
Lowest Band Edge / 1 RB



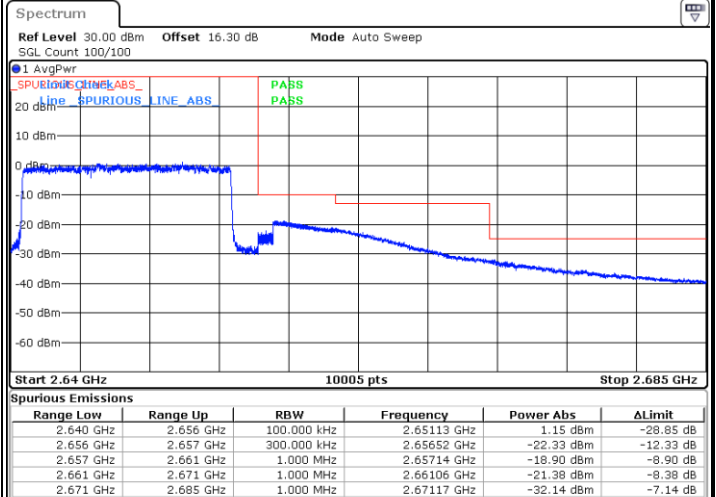
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



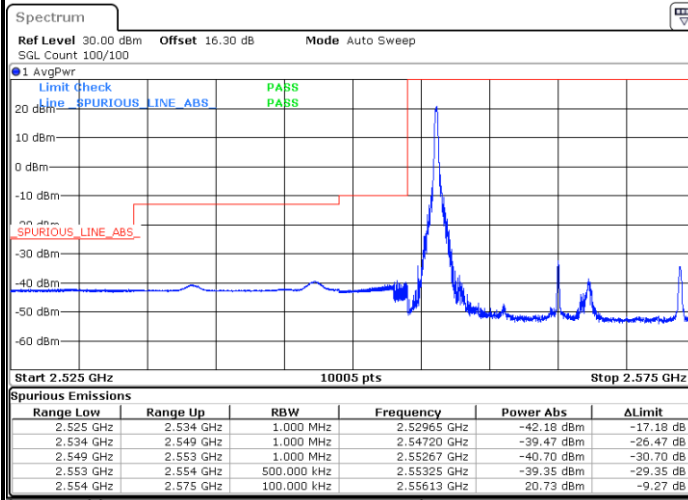
Highest Band Edge / Full RB



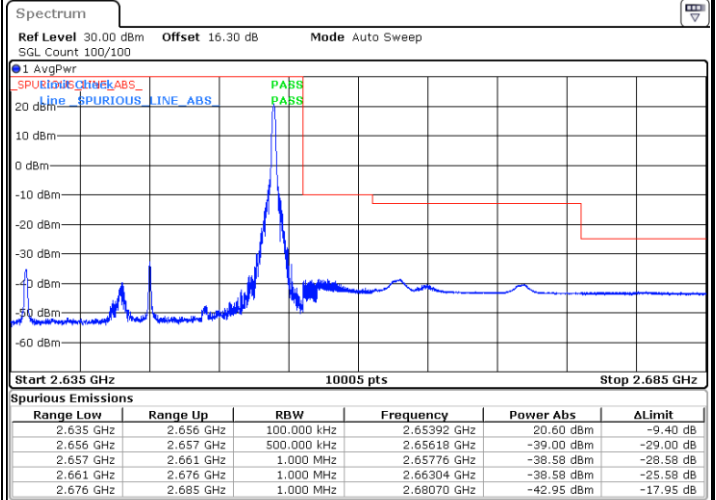


LTE Band 41 / 20MHz / QPSK

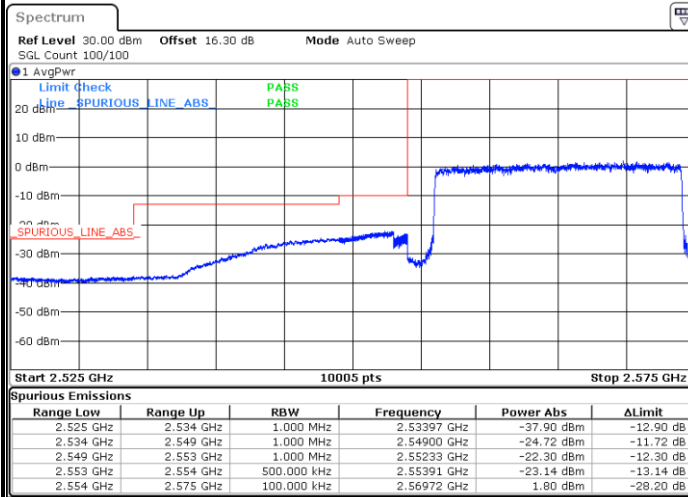
Lowest Band Edge / 1 RB



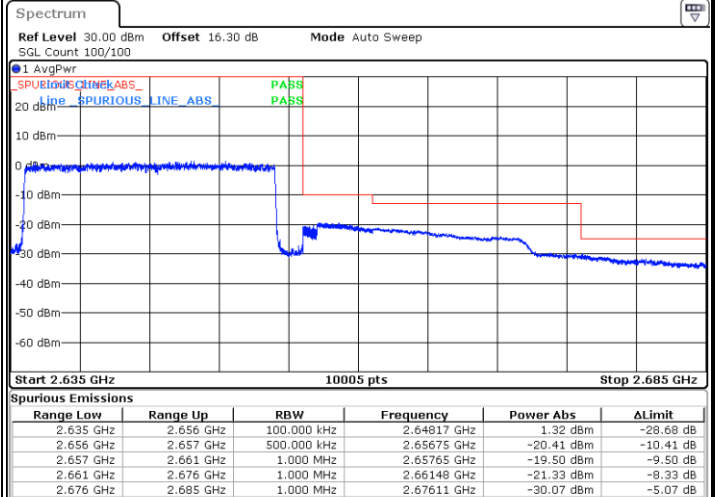
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



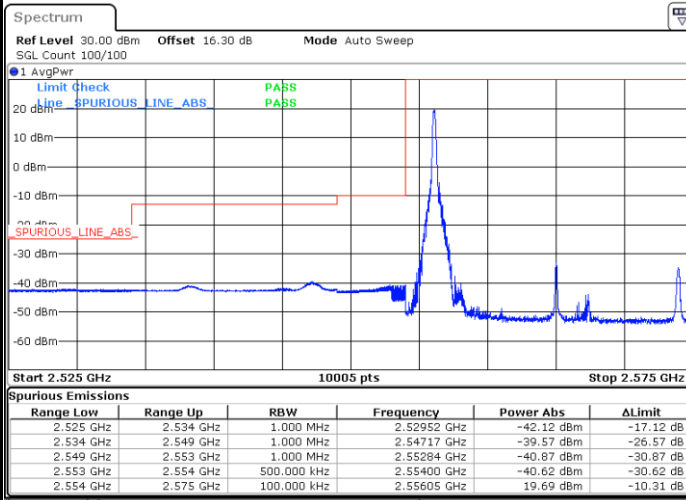
Highest Band Edge / Full RB



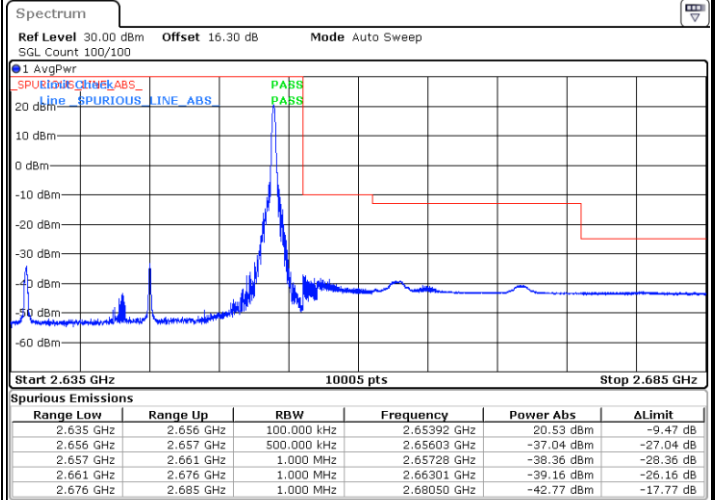


LTE Band 41 / 20MHz / 16QAM

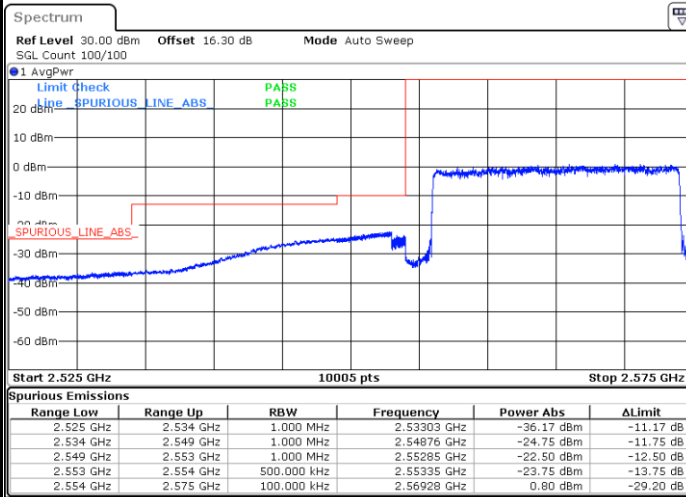
Lowest Band Edge / 1 RB



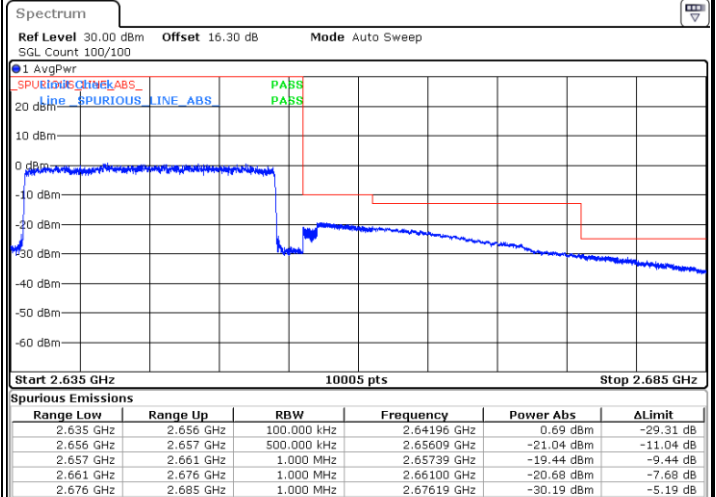
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



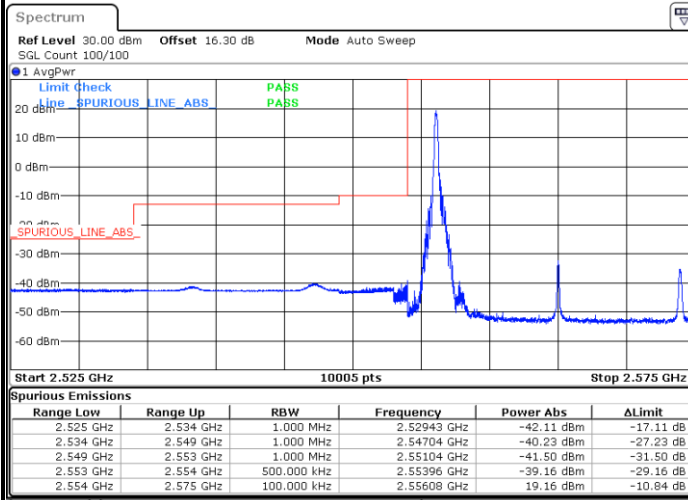
Highest Band Edge / Full RB



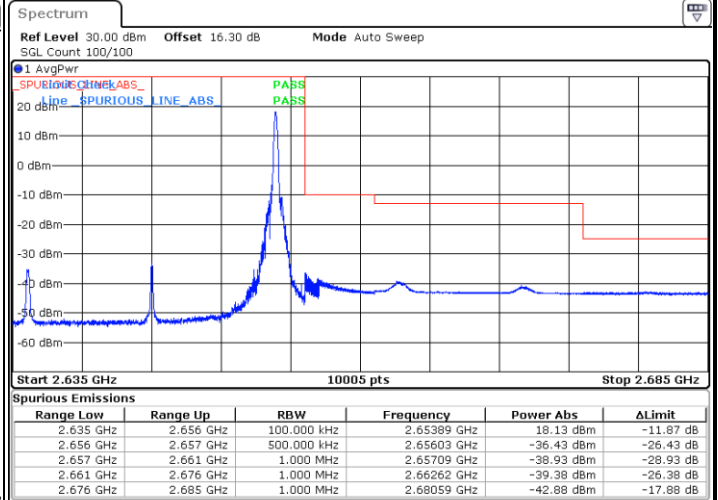


LTE Band 41 / 20MHz / 64QAM

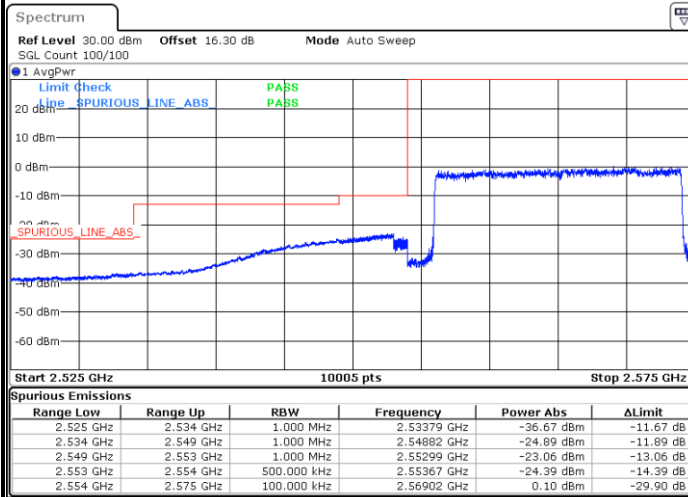
Lowest Band Edge / 1 RB



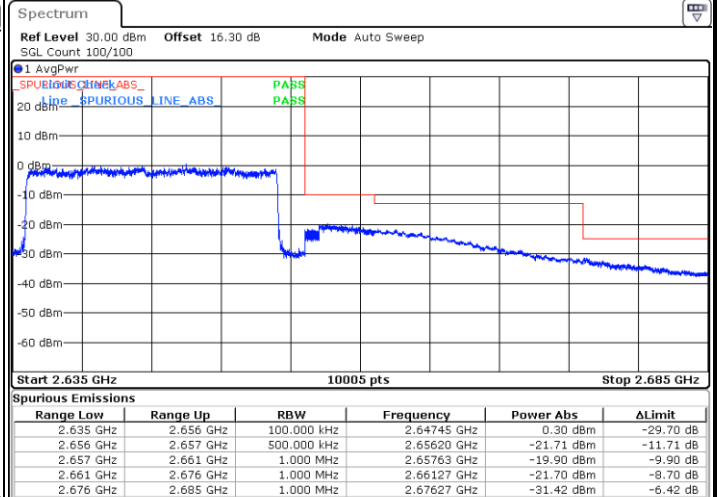
Highest Band Edge / 1 RB

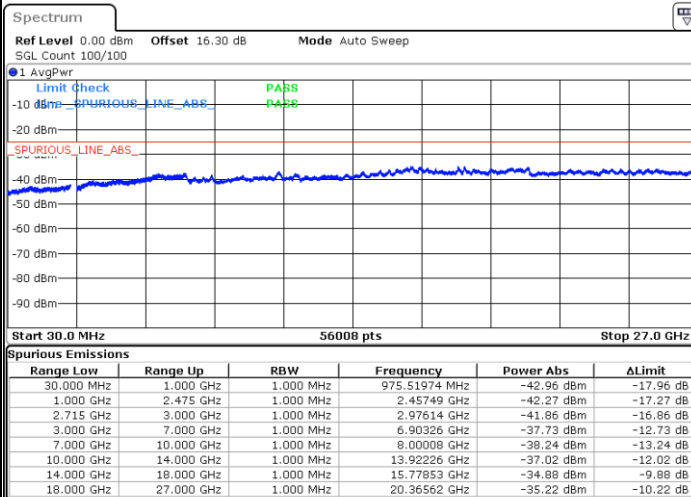


Lowest Band Edge / Full RB

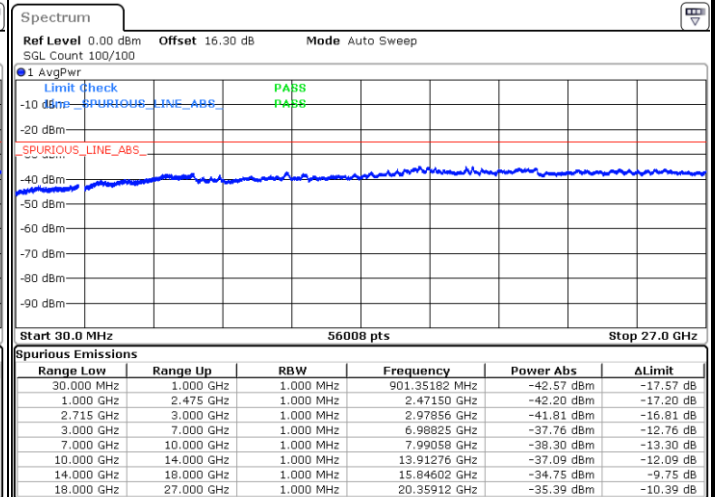


Highest Band Edge / Full RB

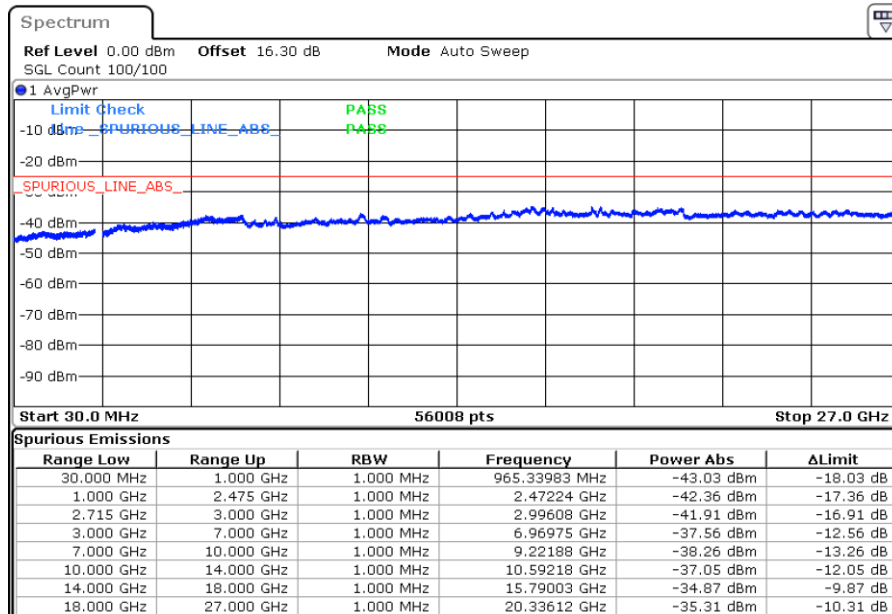


**Conducted Spurious Emission****LTE Band 41 / 5MHz****Lowest Channel / QPSK****Middle Channel / QPSK**

Date: 13.DEC.2020 16:51:58



Date: 13.DEC.2020 16:52:51

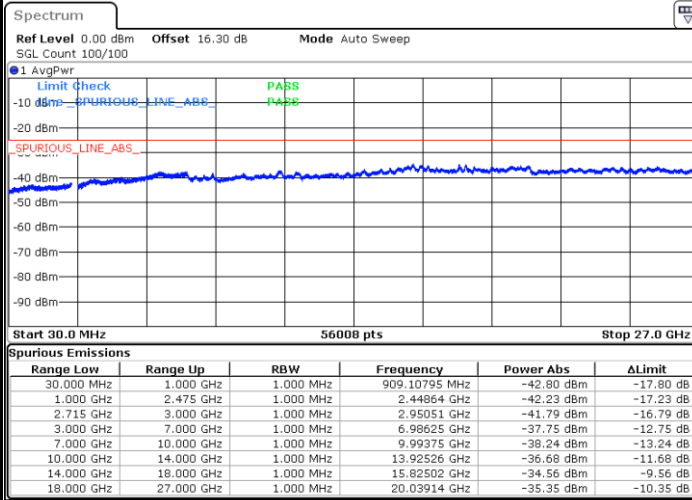
Highest Channel / QPSK

Date: 13.DEC.2020 16:53:43



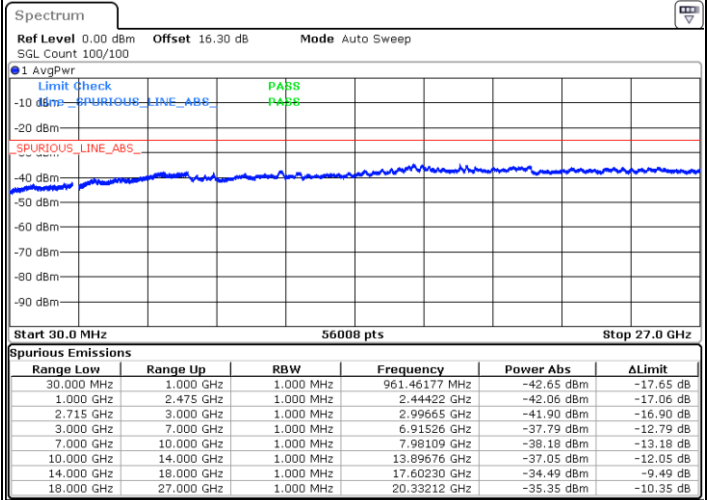
LTE Band 41 / 10MHz

Lowest Channel / QPSK



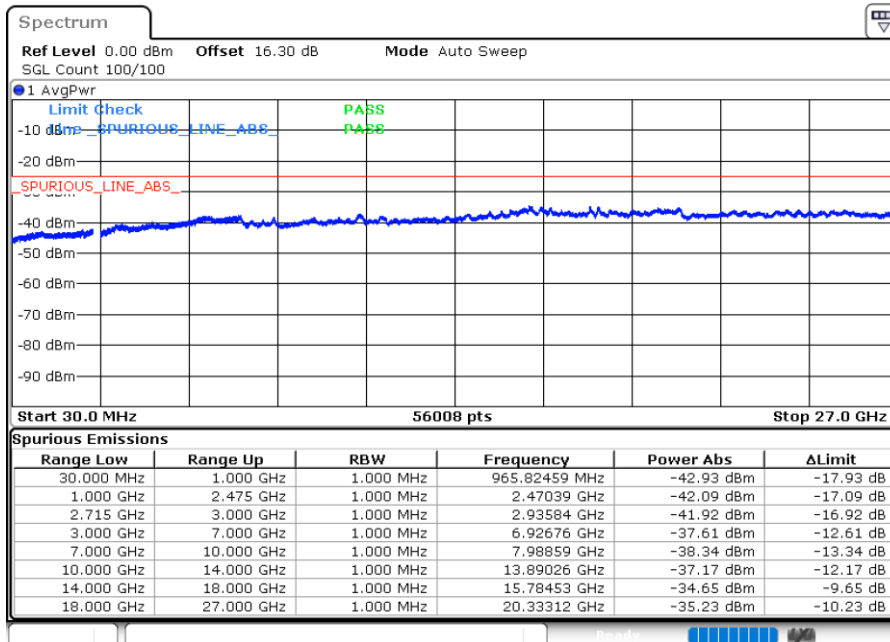
Date: 13.DEC.2020 16:54:36

Middle Channel / QPSK



Date: 13.DEC.2020 16:55:28

Highest Channel / QPSK

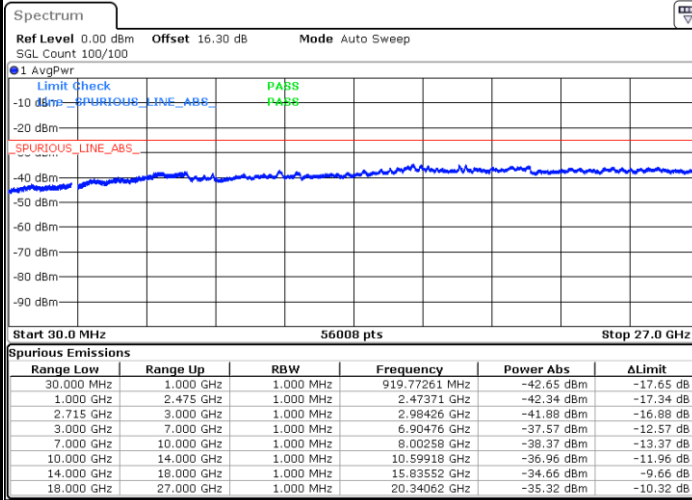


Date: 13.DEC.2020 16:56:21



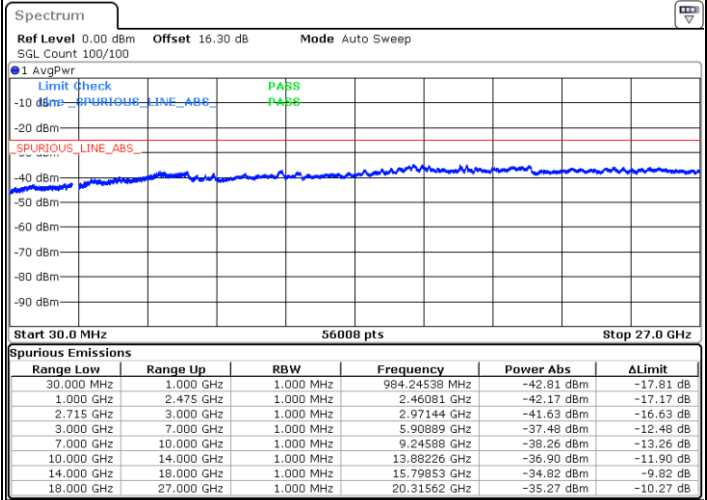
LTE Band 41 / 15MHz

Lowest Channel / QPSK



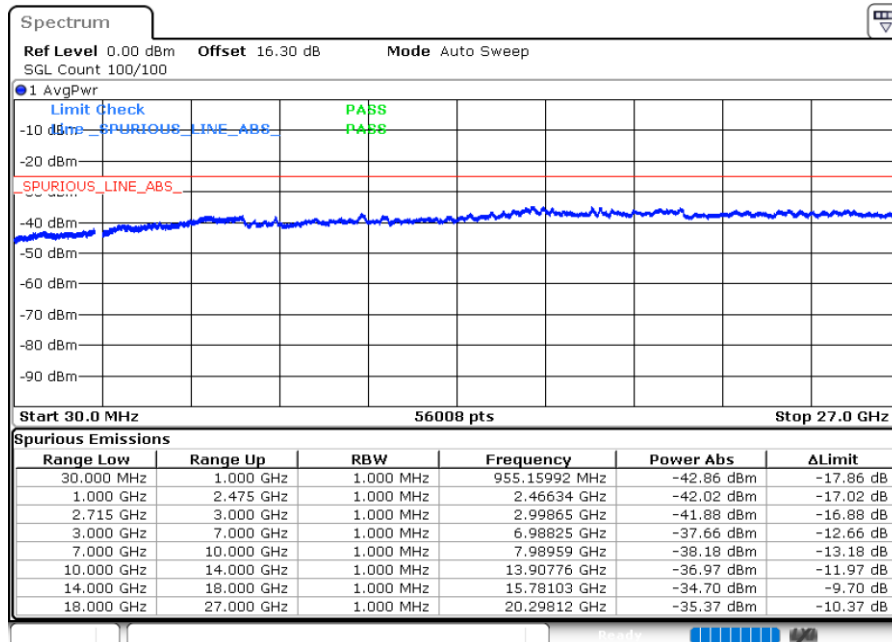
Date: 13.DEC.2020 16:57:14

Middle Channel / QPSK



Date: 13.DEC.2020 16:58:06

Highest Channel / QPSK



Date: 13.DEC.2020 16:58:58