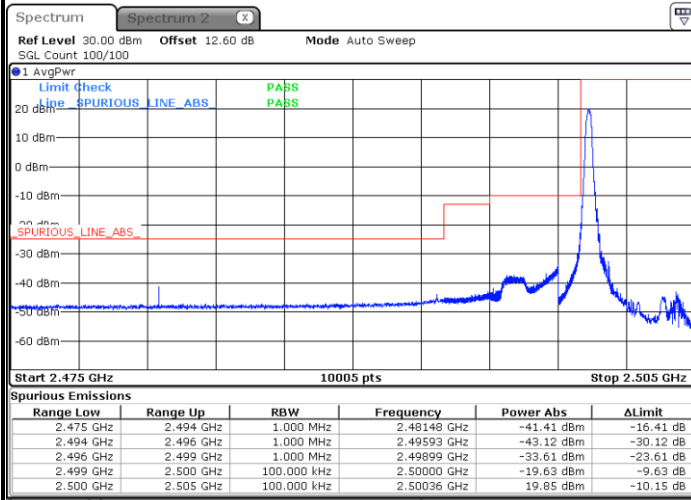


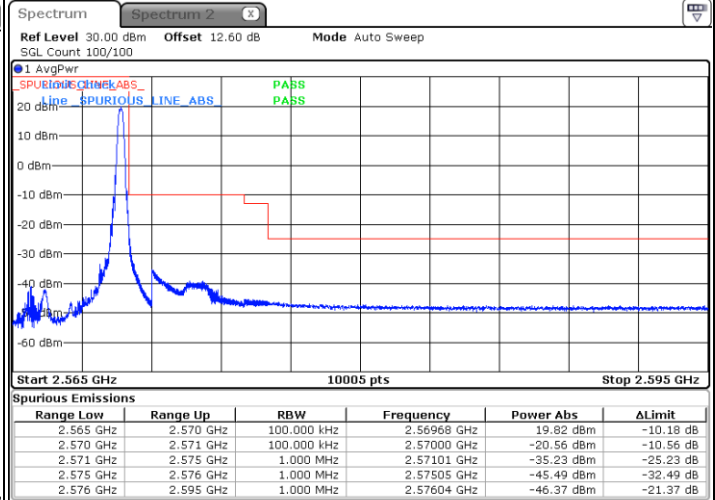


LTE Band 7 / 5MHz / 16QAM

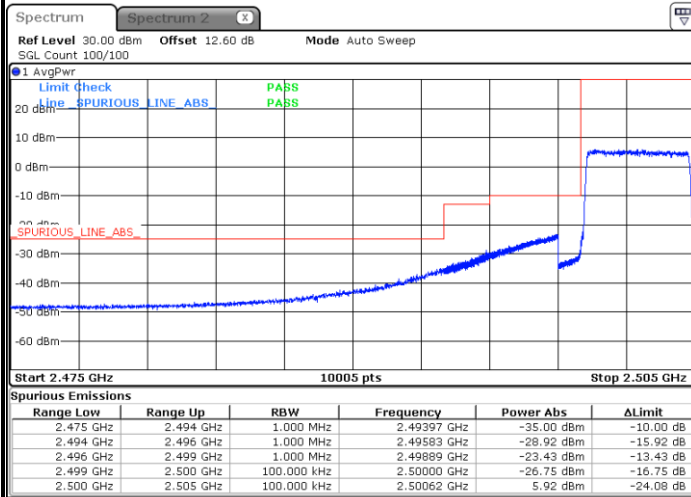
Lowest Band Edge / 1 RB



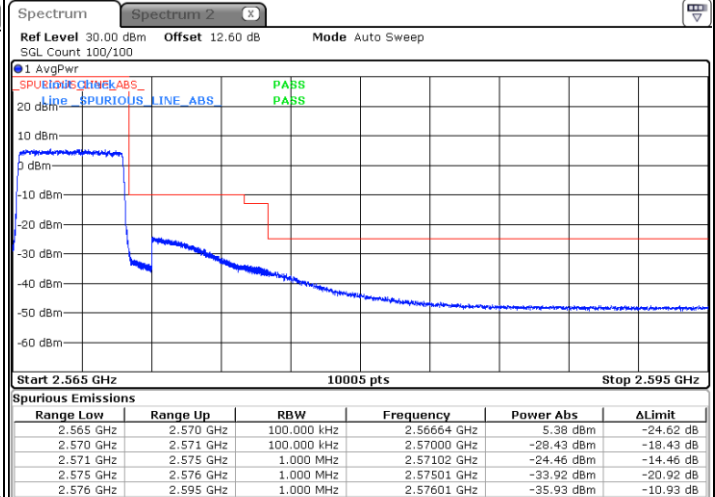
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



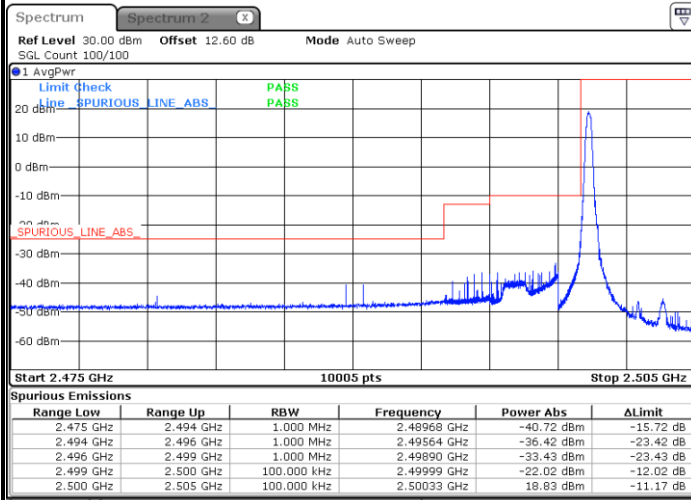
Highest Band Edge / Full RB



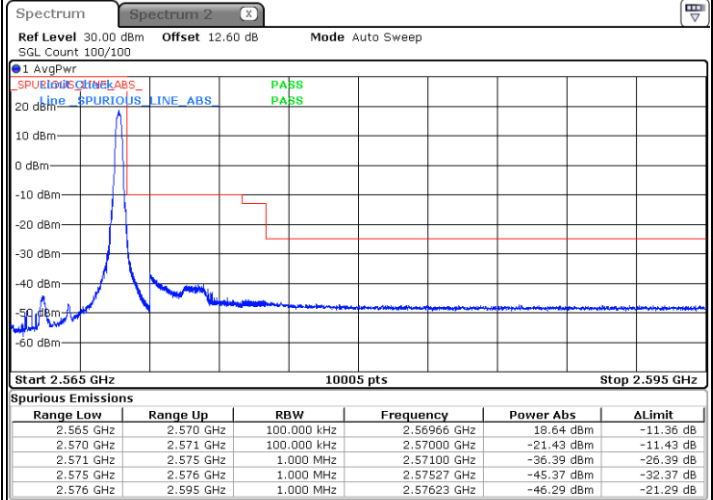


LTE Band 7 / 5MHz / 64QAM

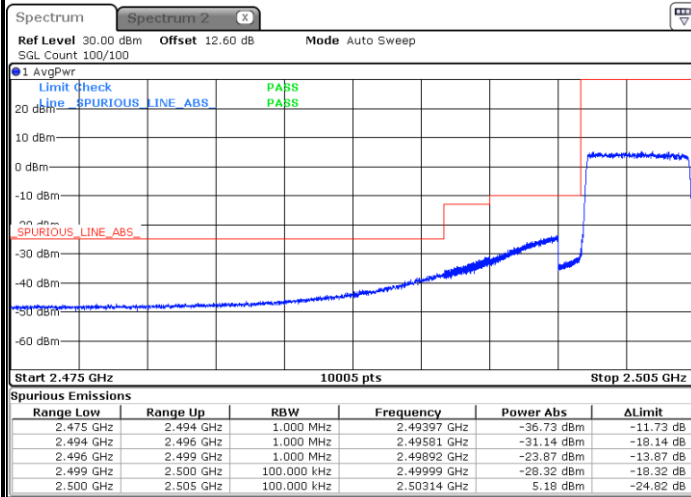
Lowest Band Edge / 1RB



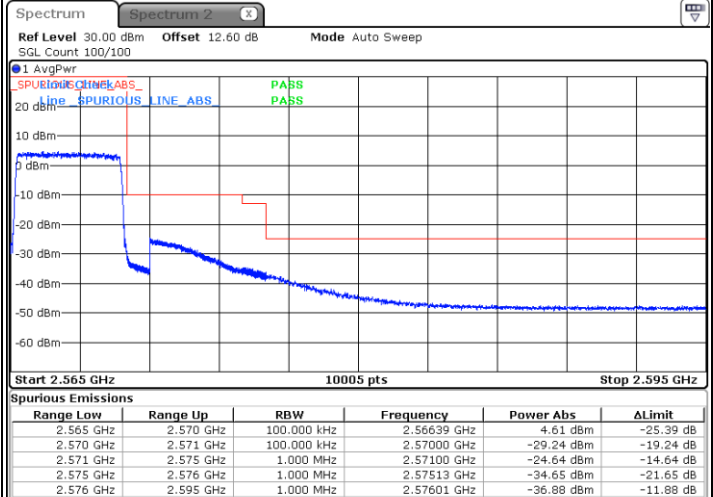
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



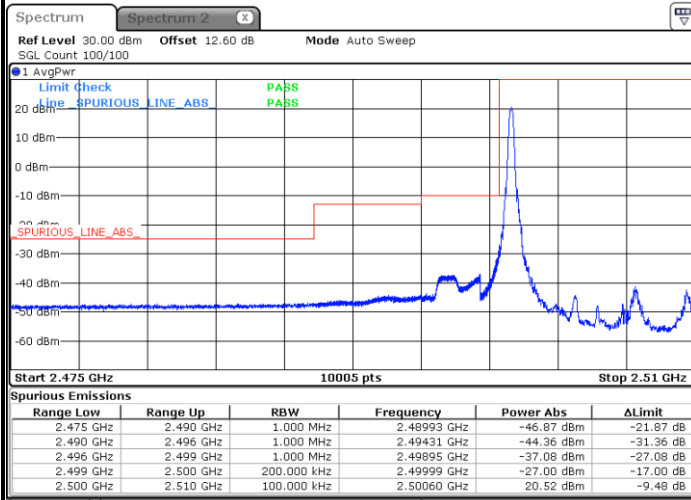
Highest Band Edge / Full RB



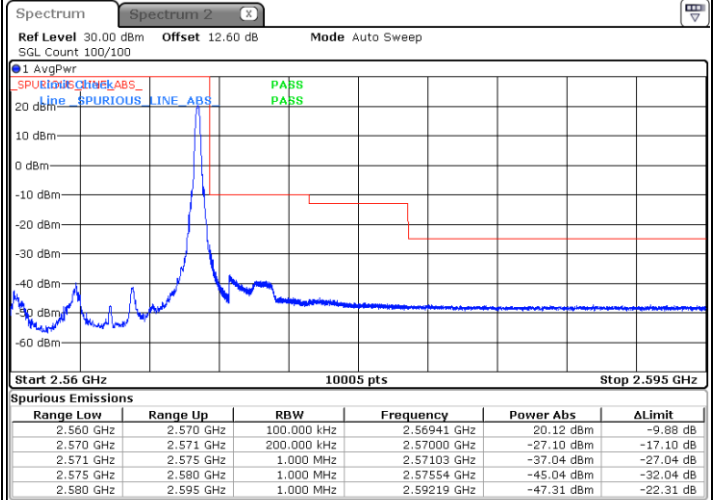


LTE Band 7 / 10MHz / QPSK

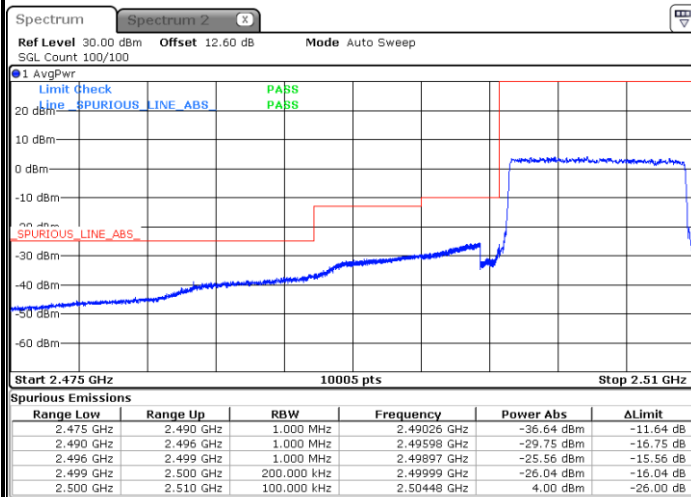
Lowest Band Edge / 1 RB



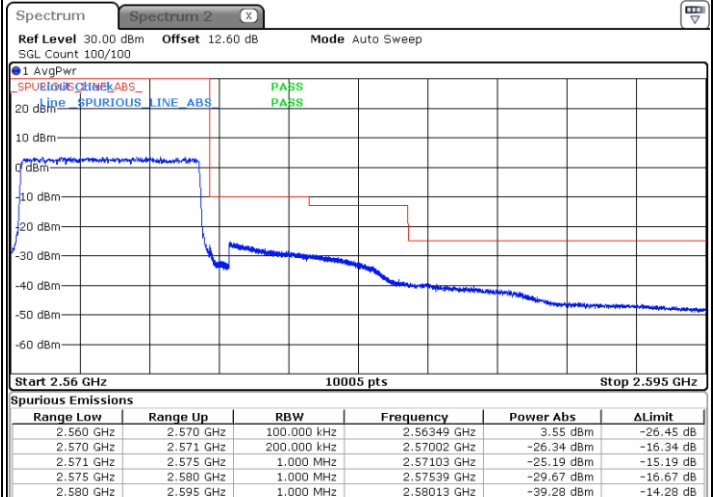
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



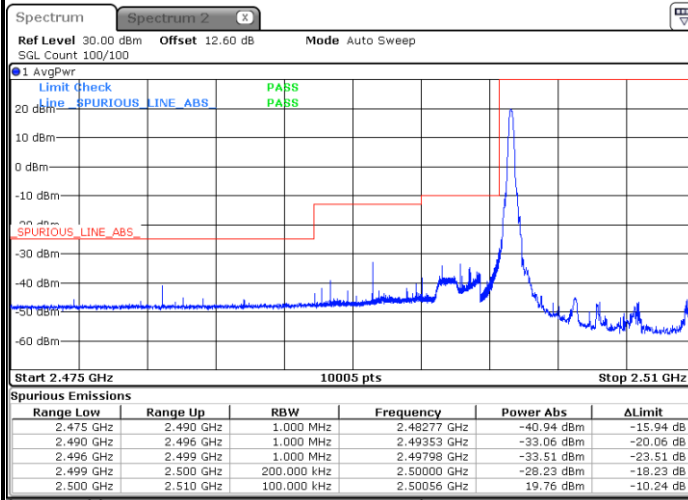
Highest Band Edge / Full RB



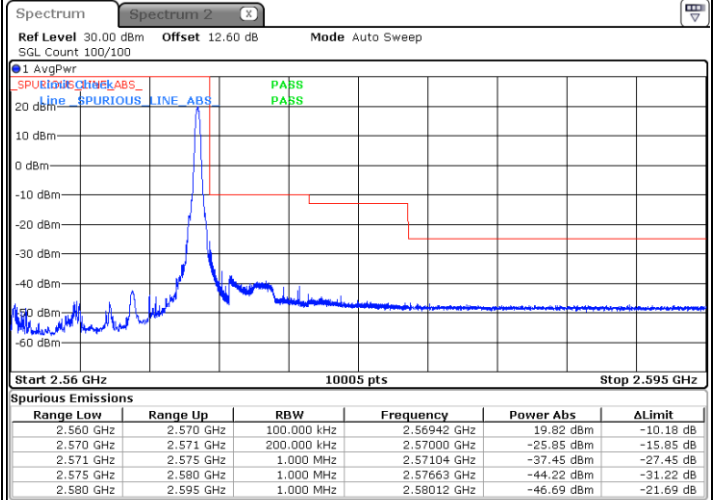


LTE Band 7 / 10MHz / 16QAM

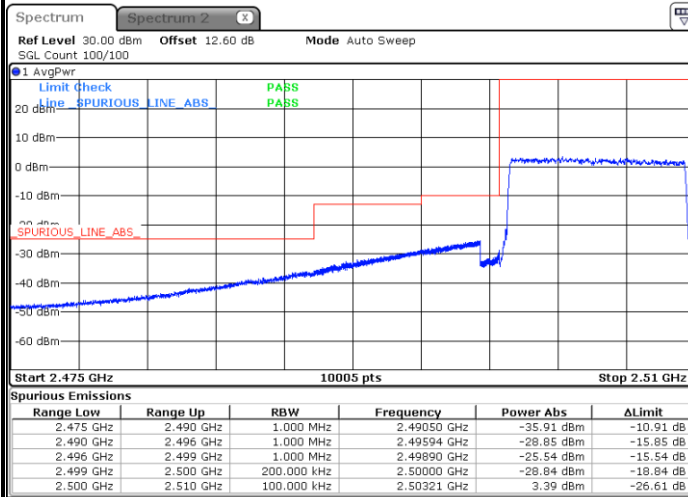
Lowest Band Edge / 1 RB



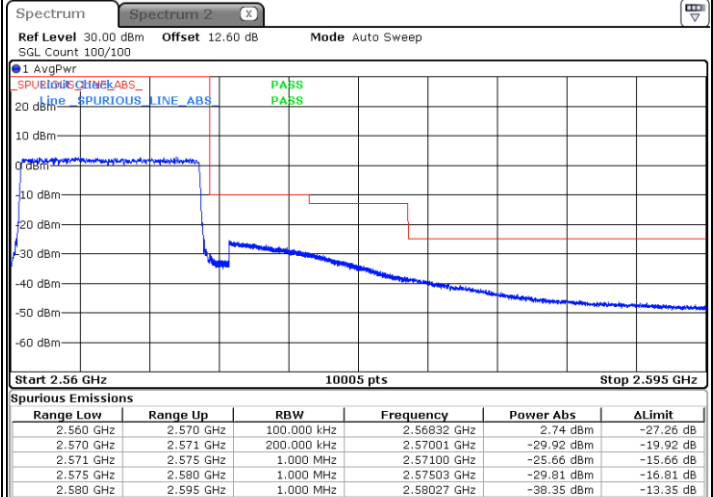
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



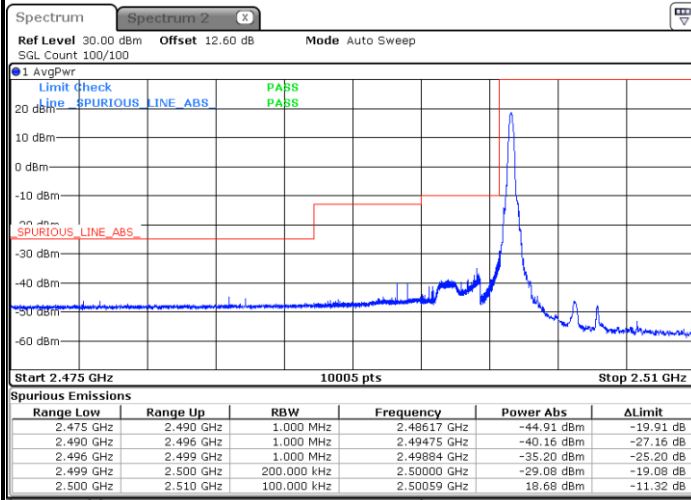
Highest Band Edge / Full RB



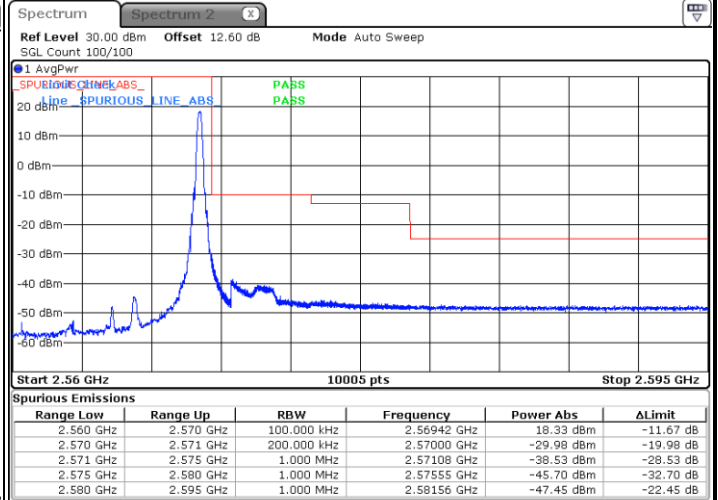


LTE Band 7 / 10MHz / 64QAM

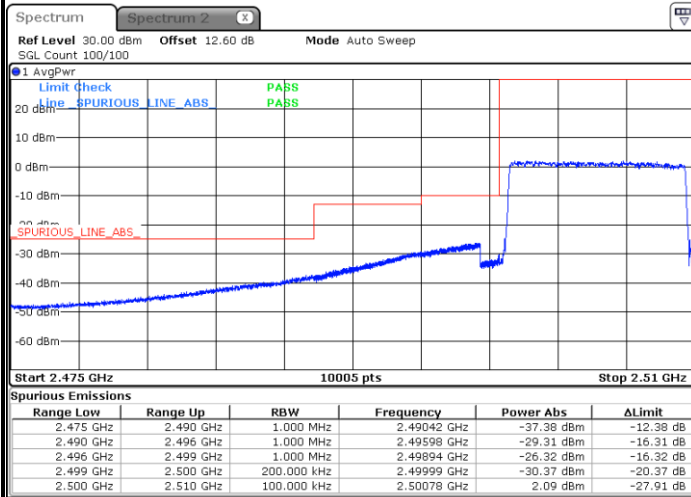
Lowest Band Edge / 1 RB



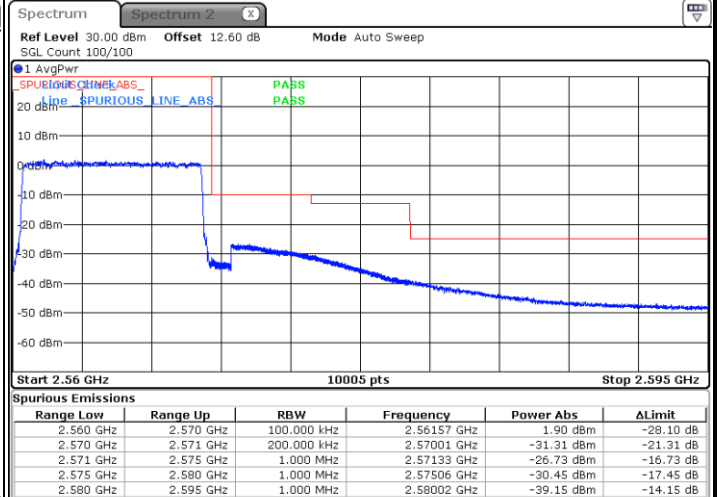
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



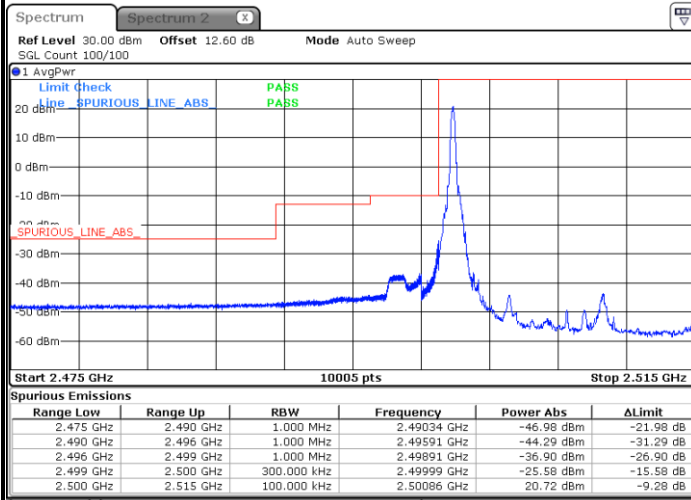
Highest Band Edge / Full RB



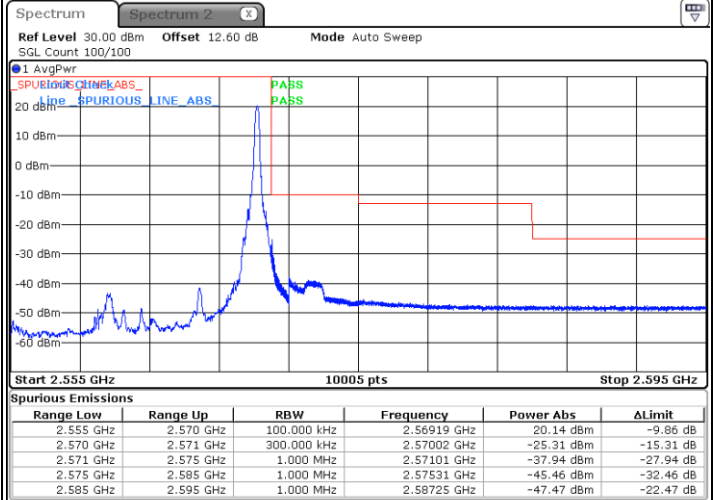


LTE Band 7 / 15MHz / QPSK

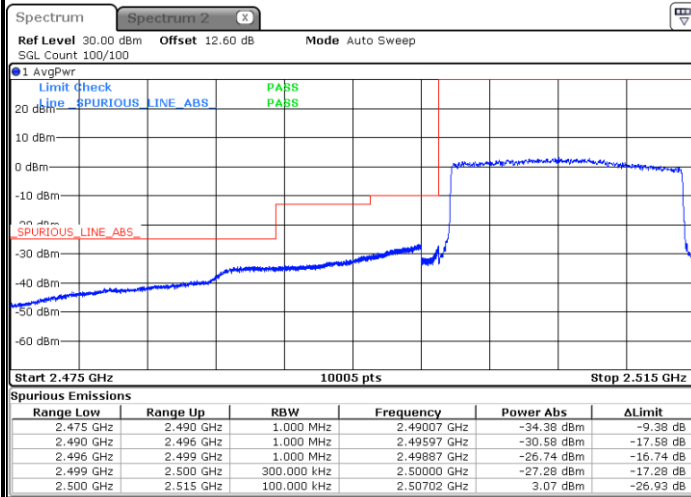
Lowest Band Edge / 1 RB



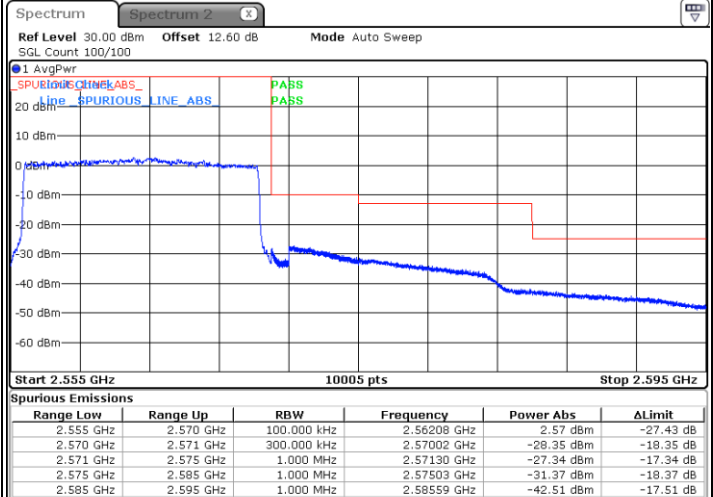
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



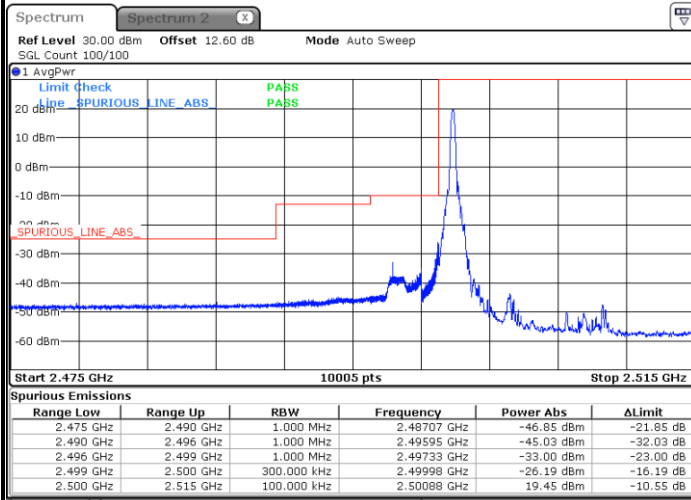
Highest Band Edge / Full RB



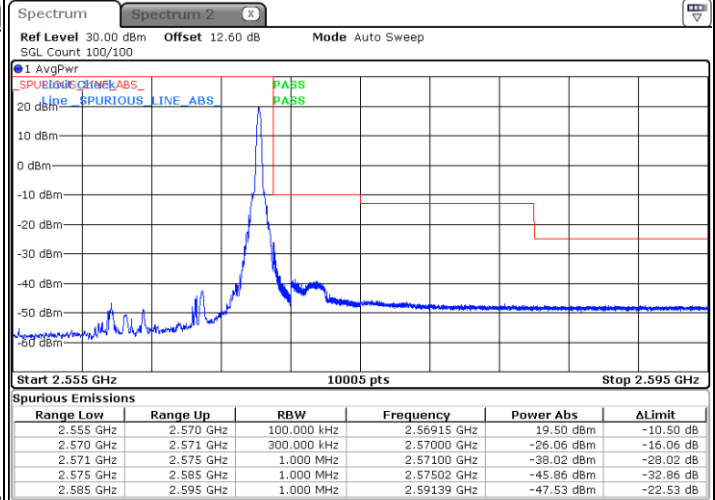


LTE Band 7 / 15MHz / 16QAM

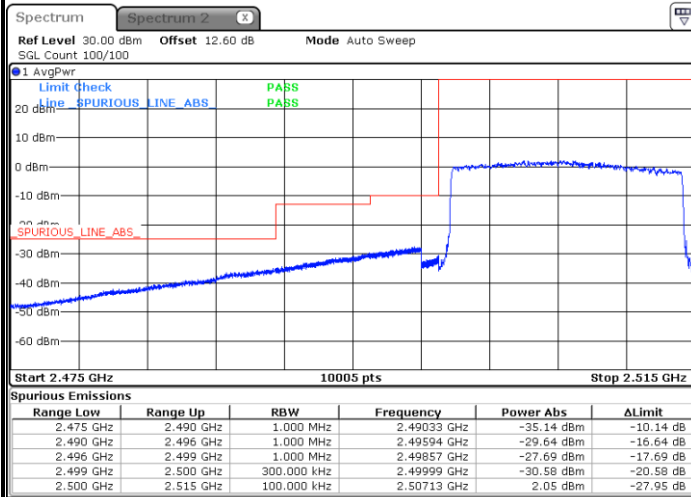
Lowest Band Edge / 1 RB



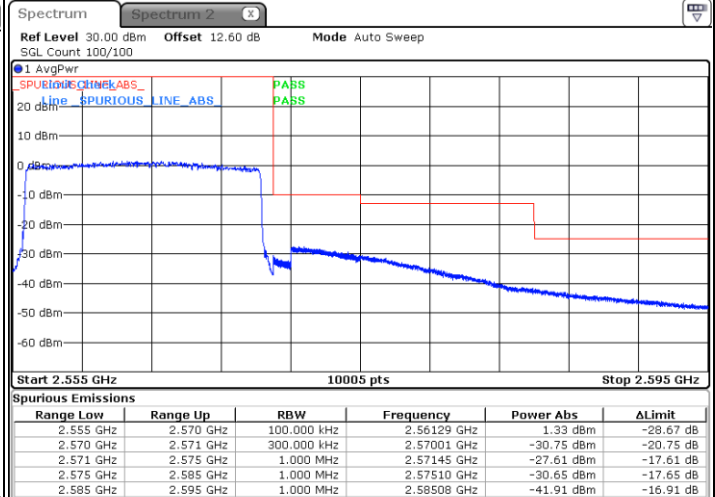
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



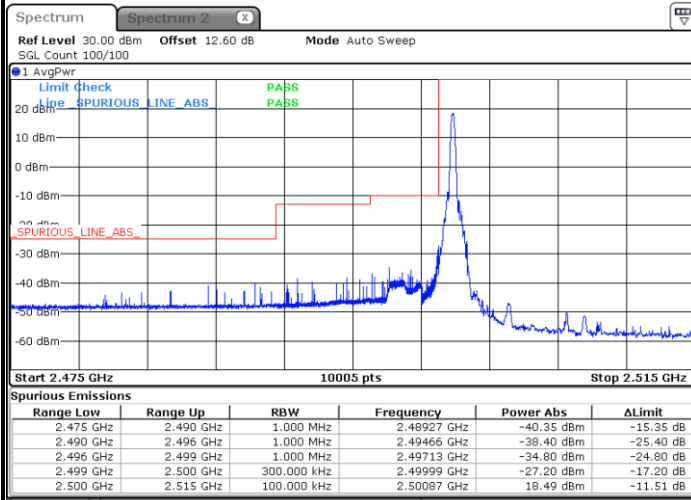
Highest Band Edge / Full RB



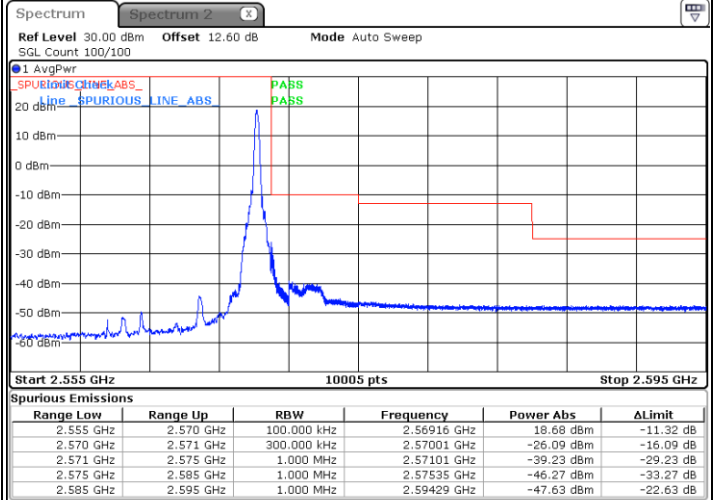


LTE Band 7 / 15MHz / 64QAM

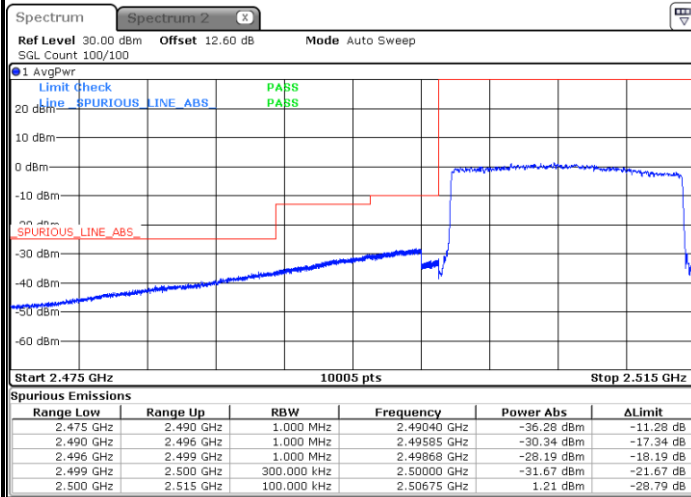
Lowest Band Edge / 1 RB



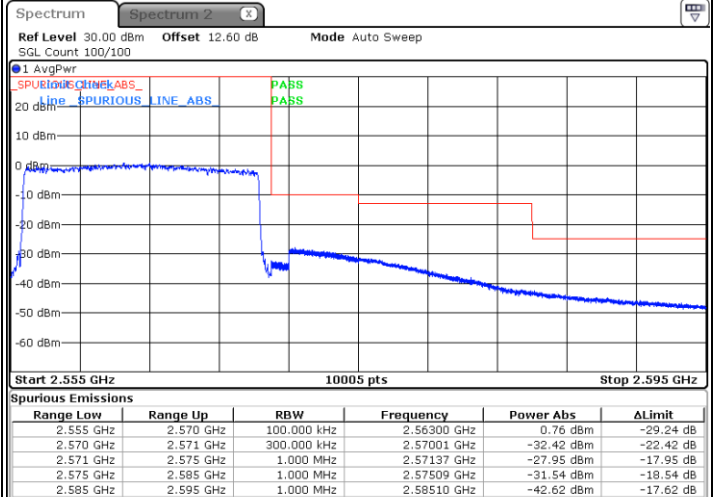
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



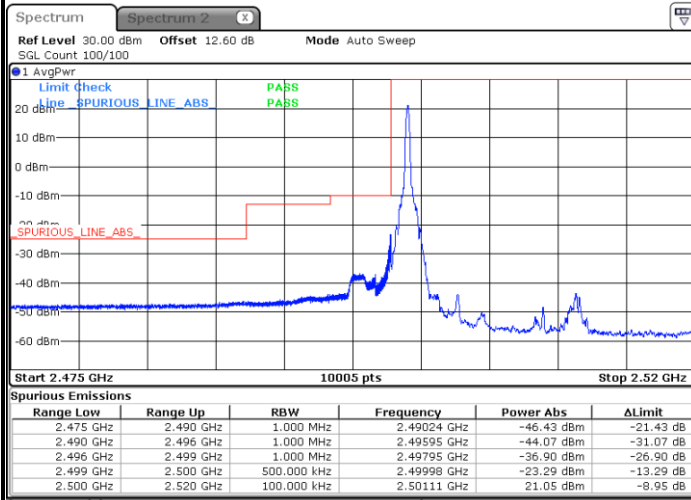
Highest Band Edge / Full RB



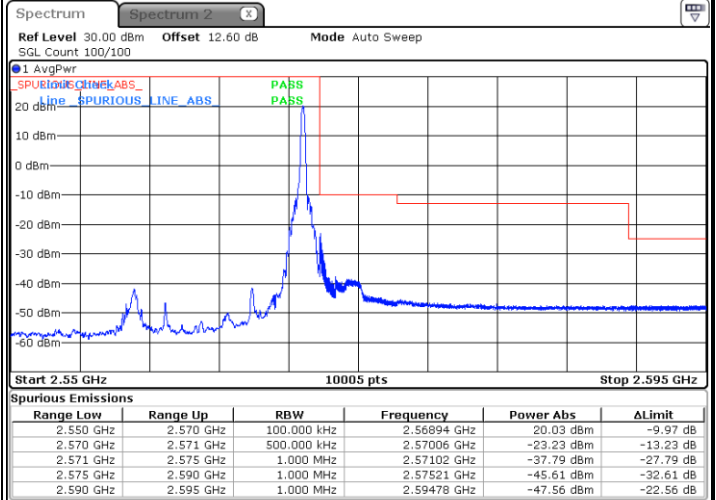


LTE Band 7 / 20MHz / QPSK

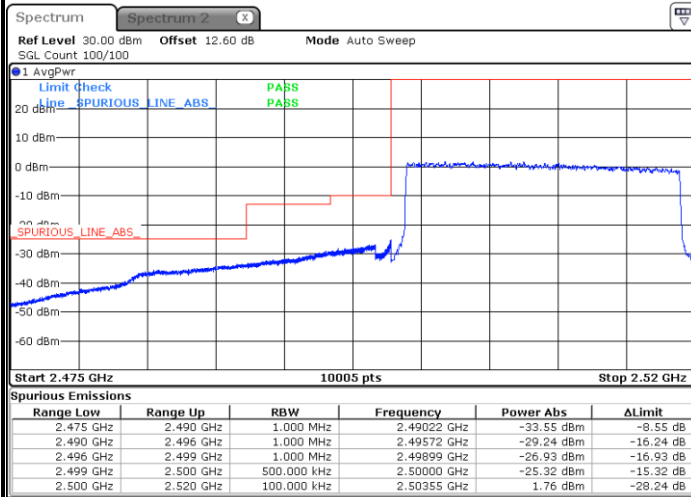
Lowest Band Edge / 1 RB



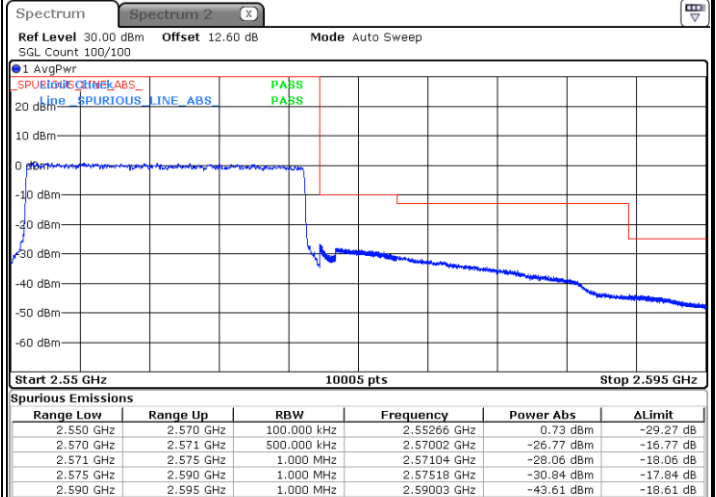
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



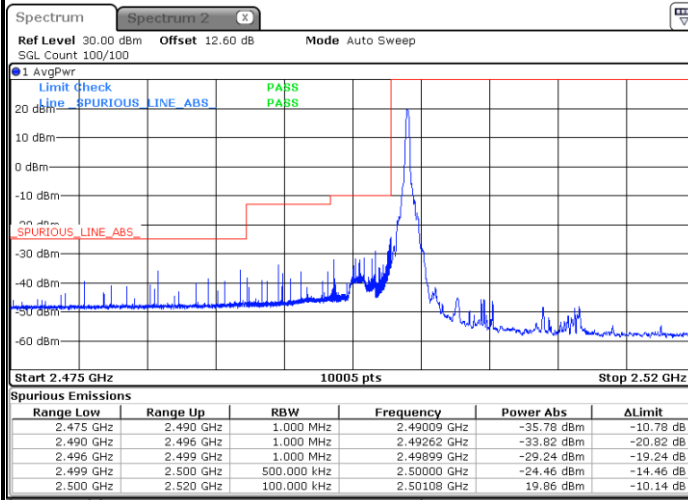
Highest Band Edge / Full RB



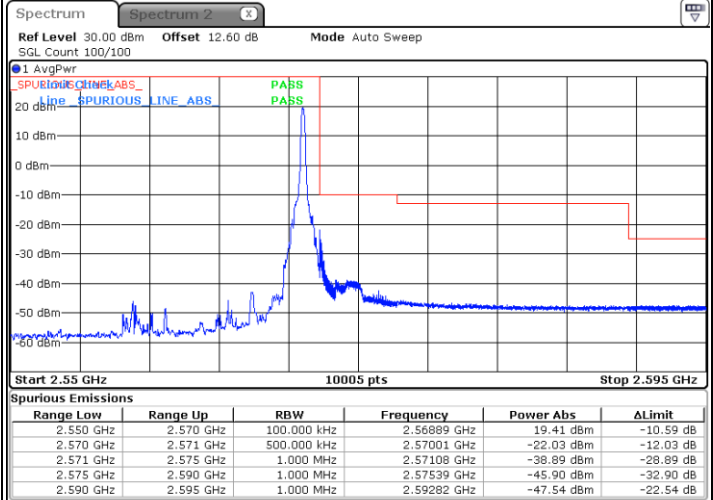


LTE Band 7 / 20MHz / 16QAM

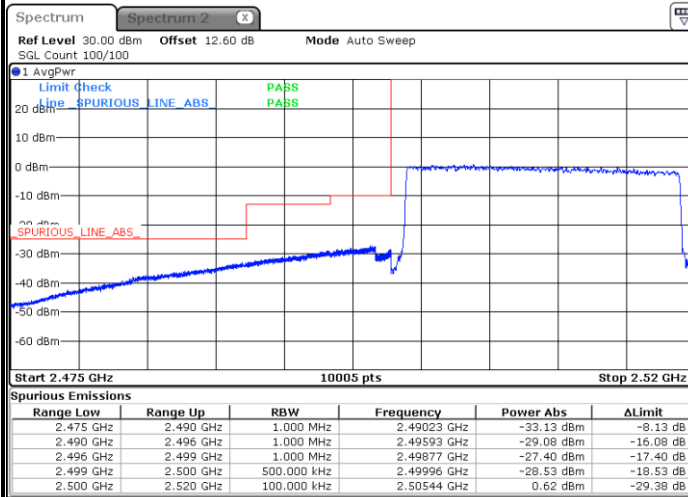
Lowest Band Edge / 1 RB



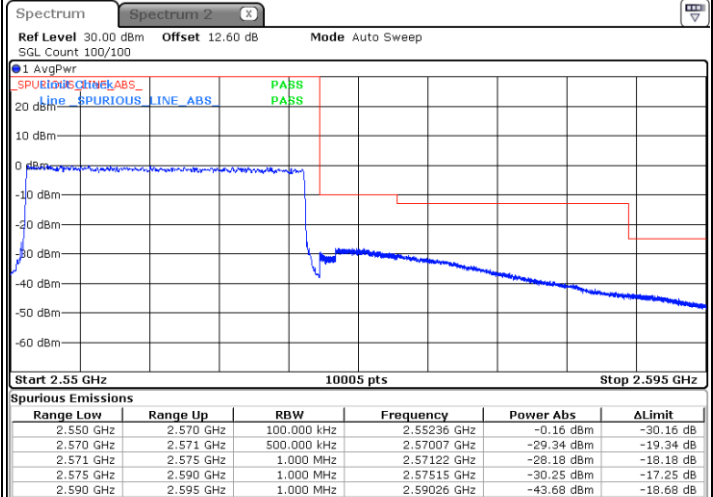
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



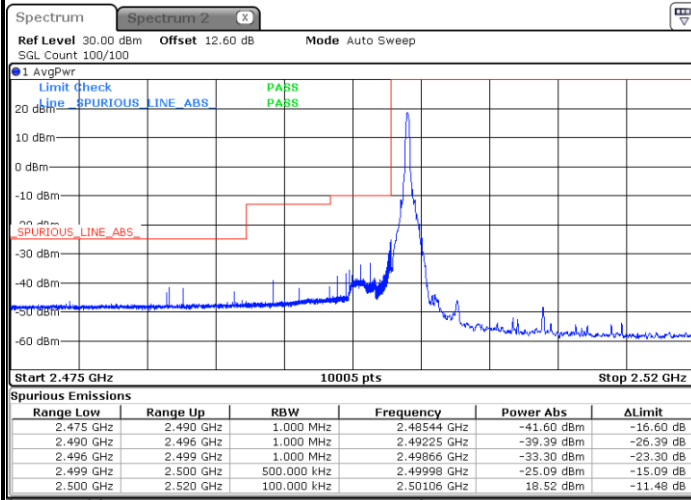
Highest Band Edge / Full RB



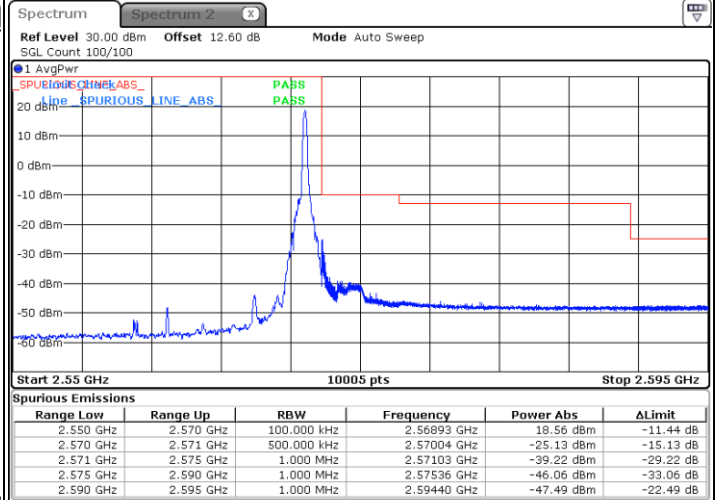


LTE Band 7 / 20MHz / 64QAM

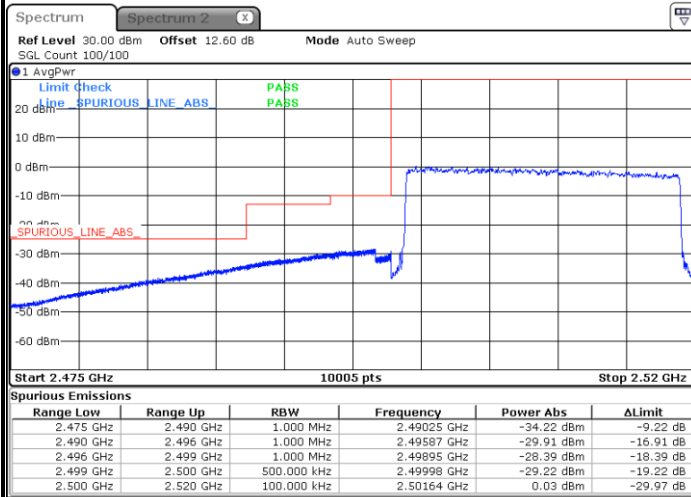
Lowest Band Edge / 1 RB



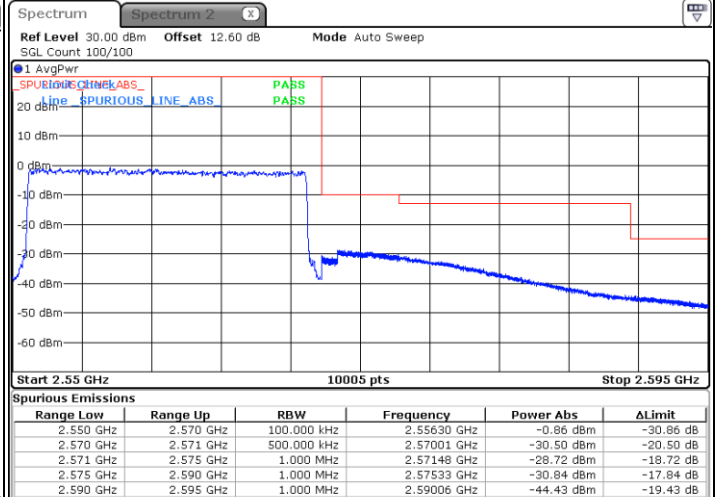
Highest Band Edge / 1 RB

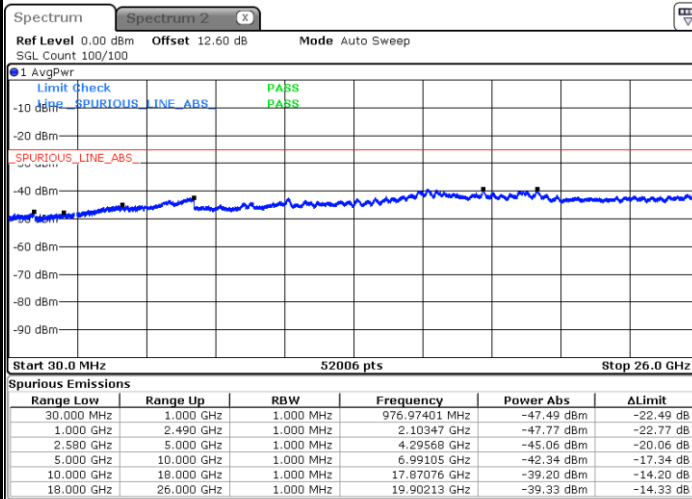


Lowest Band Edge / Full RB

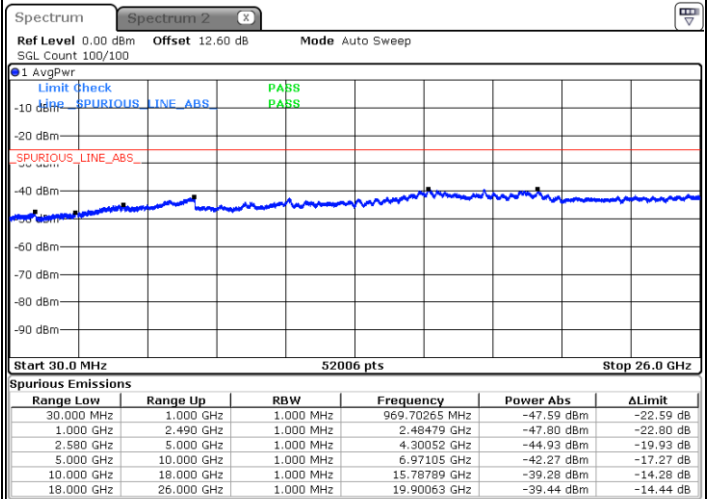


Highest Band Edge / Full RB

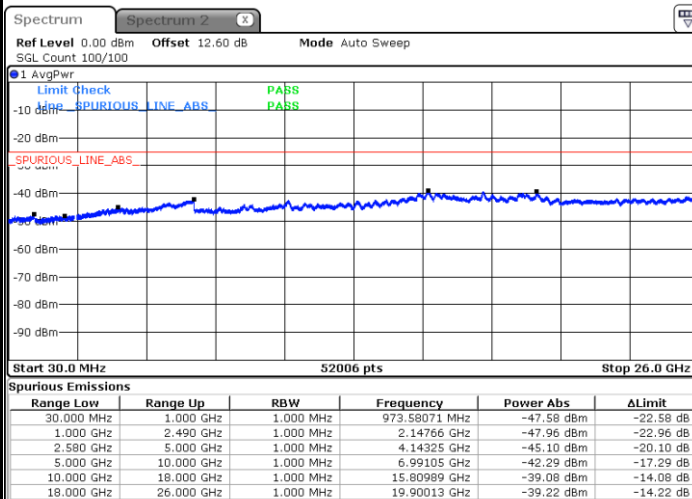


**Conducted Spurious Emission****LTE Band 7 / 5MHz****Lowest Channel / QPSK**

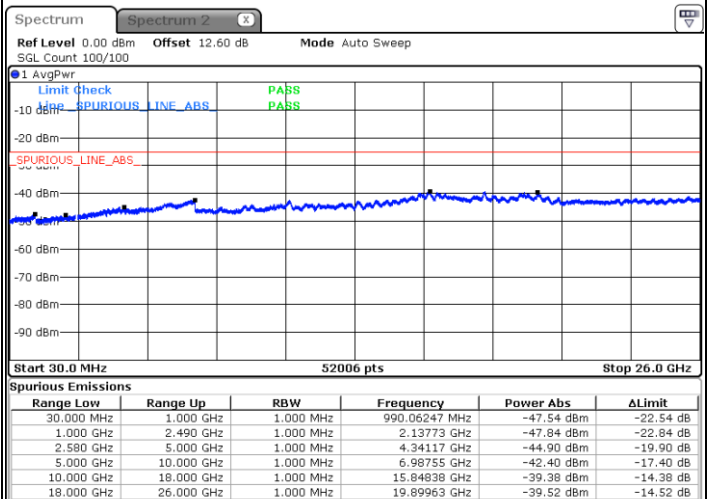
Date: 19 AUG 2020 23:39:45

Lowest Channel / 16QAM

Date: 19 AUG 2020 23:40:45

Middle Channel / QPSK

Date: 19 AUG 2020 23:42:31

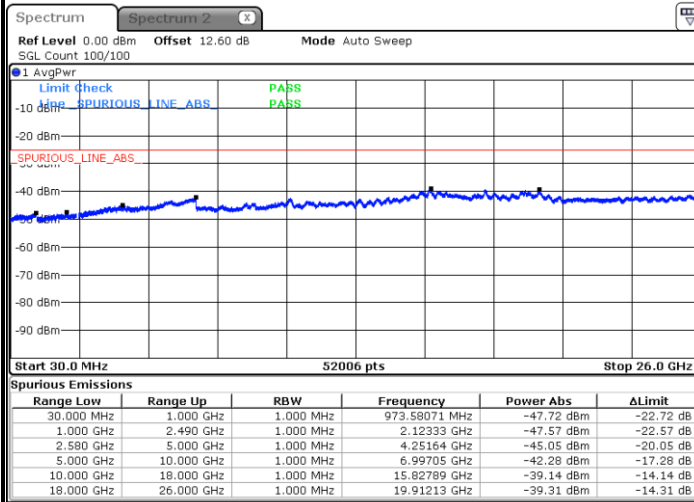
Middle Channel / 16QAM

Date: 19 AUG 2020 23:43:31



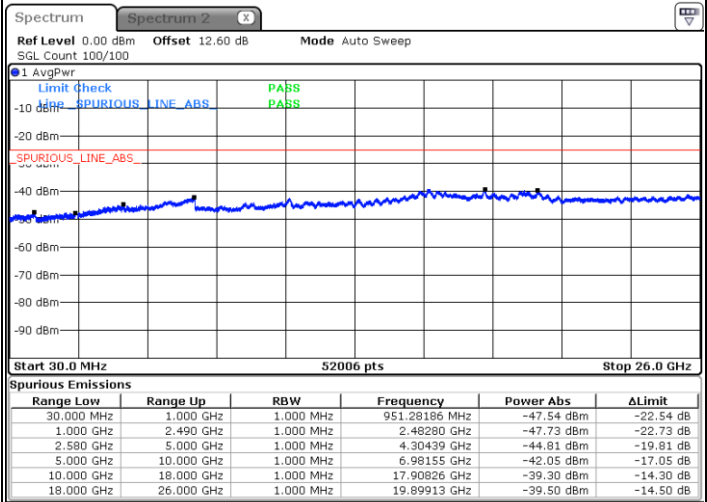
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 19 AUG 2020 23:48:24

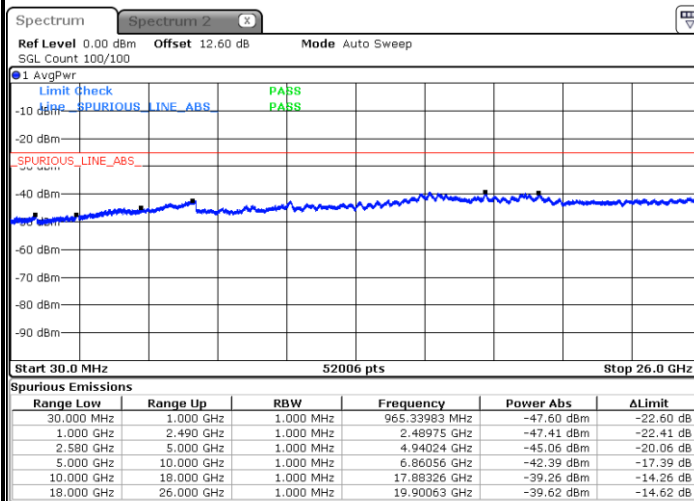
Highest Channel / 16QAM



Date: 19 AUG 2020 23:49:25

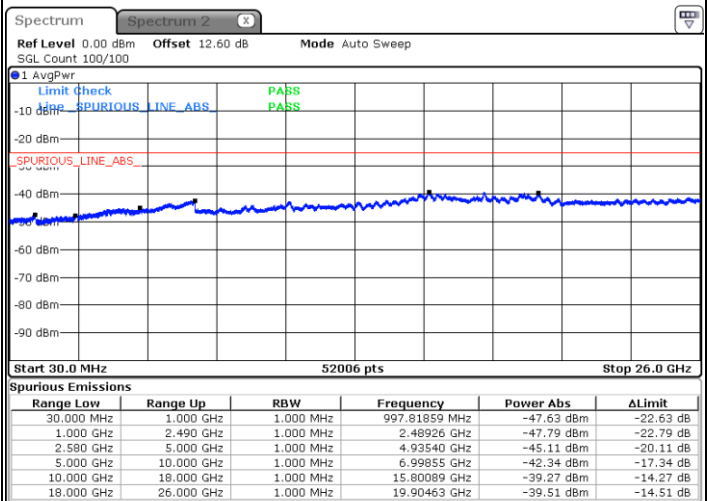
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 20 AUG 2020 00:12:31

Lowest Channel / 16QAM

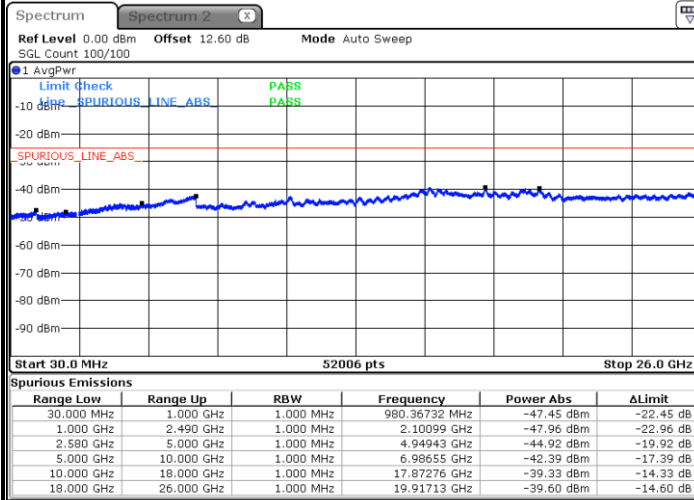


Date: 20 AUG 2020 00:13:31



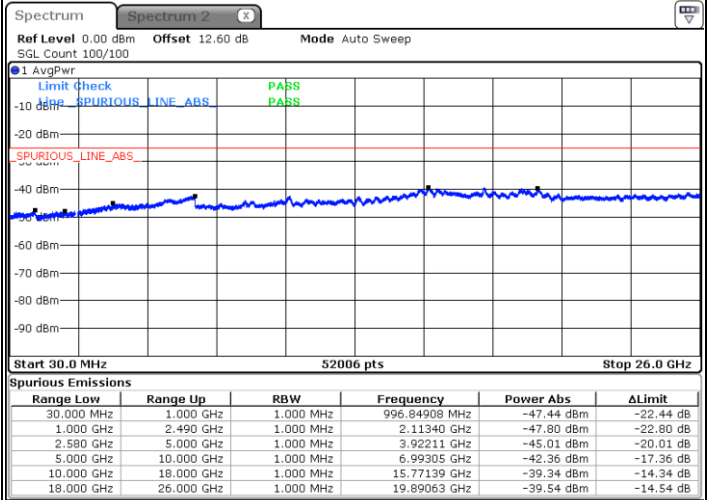
LTE Band 7 / 10MHz

Middle Channel / QPSK



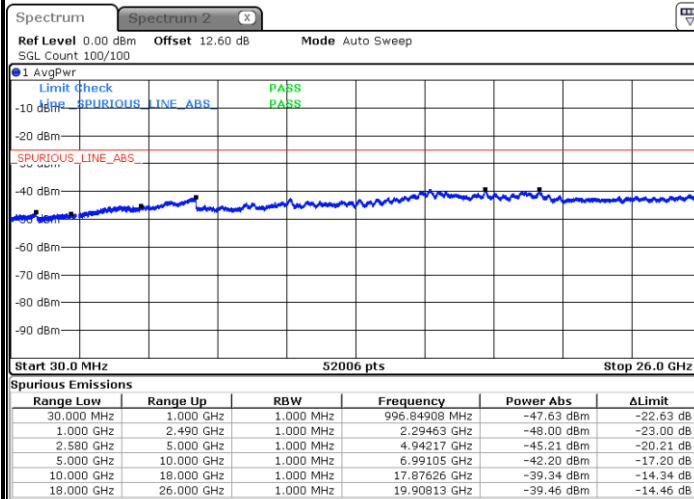
Date: 20 AUG 2020 00:15:17

Middle Channel / 16QAM



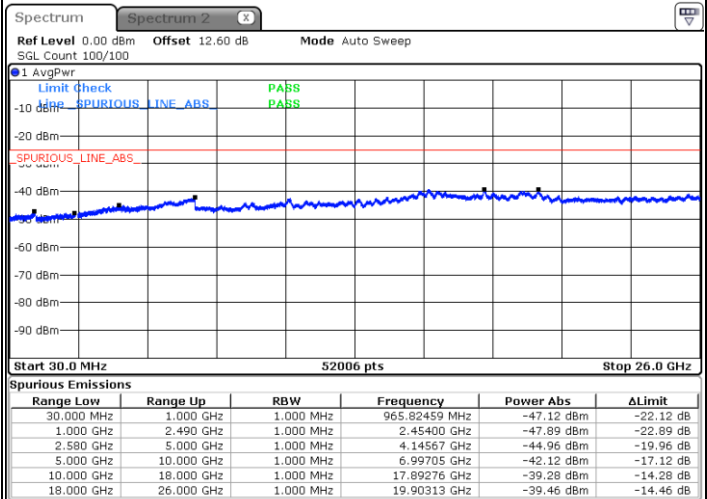
Date: 20 AUG 2020 00:16:17

Highest Channel / QPSK



Date: 20 AUG 2020 00:21:10

Highest Channel / 16QAM

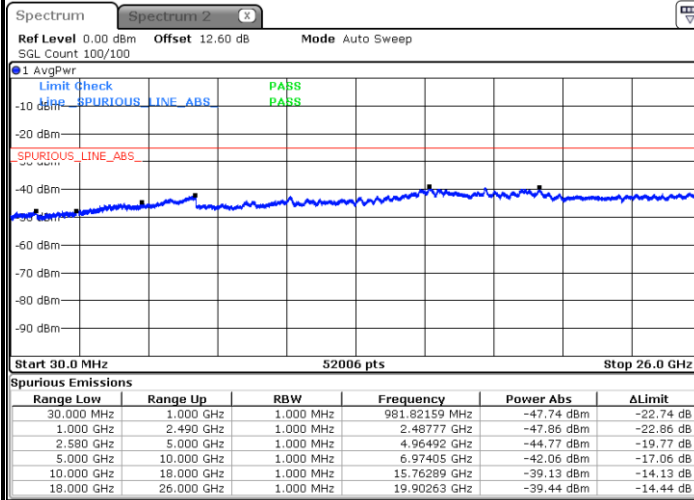


Date: 20 AUG 2020 00:22:10



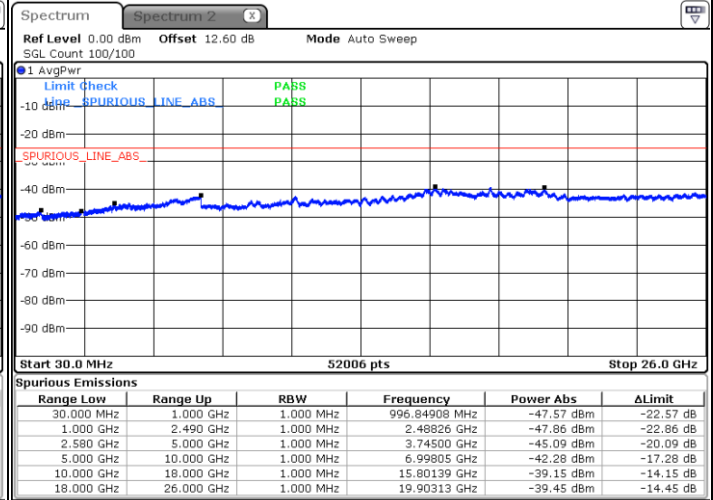
LTE Band 7 / 15MHz

Lowest Channel / QPSK



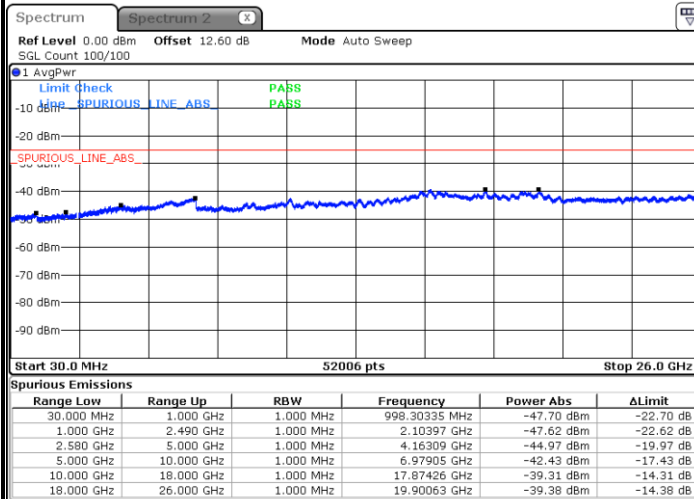
Date: 20 AUG 2020 00:34:22

Lowest Channel / 16QAM



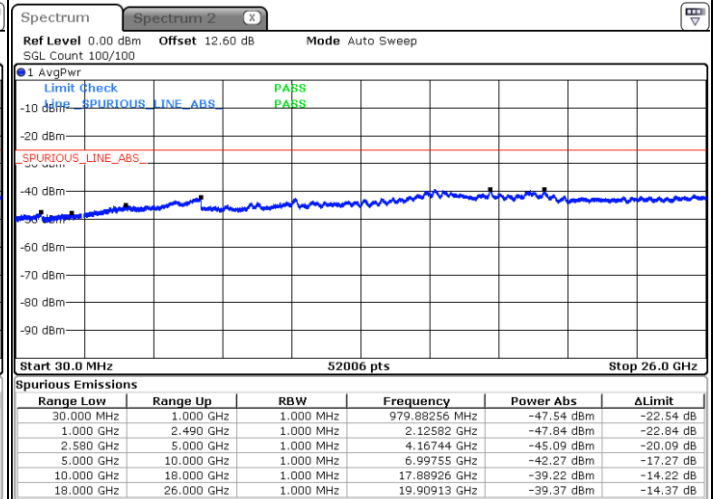
Date: 20 AUG 2020 00:35:22

Middle Channel / QPSK



Date: 20 AUG 2020 00:37:08

Middle Channel / 16QAM

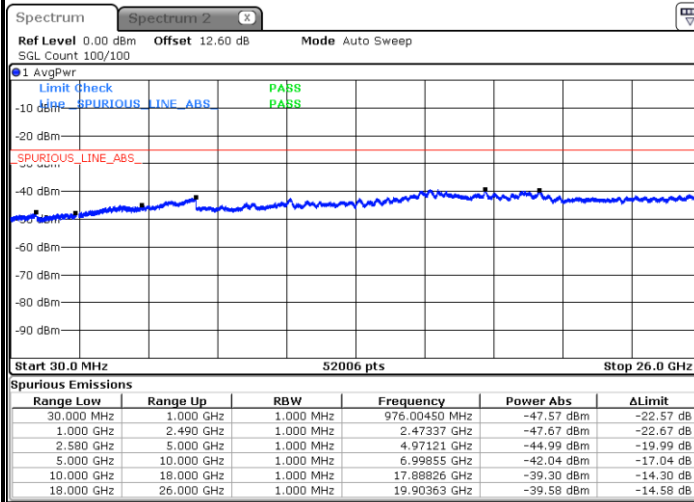


Date: 20 AUG 2020 00:38:08



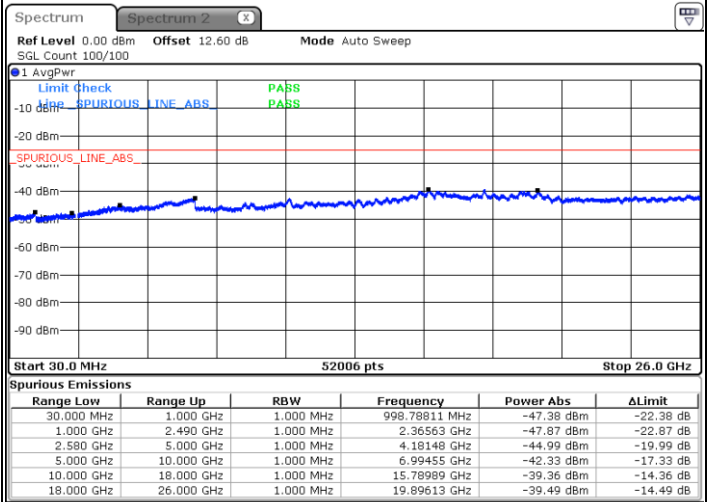
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 20 AUG 2020 00:43:02

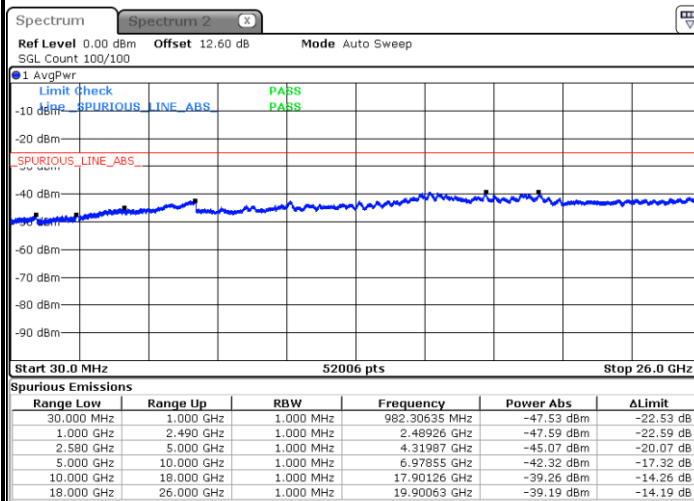
Highest Channel / 16QAM



Date: 20 AUG 2020 00:44:02

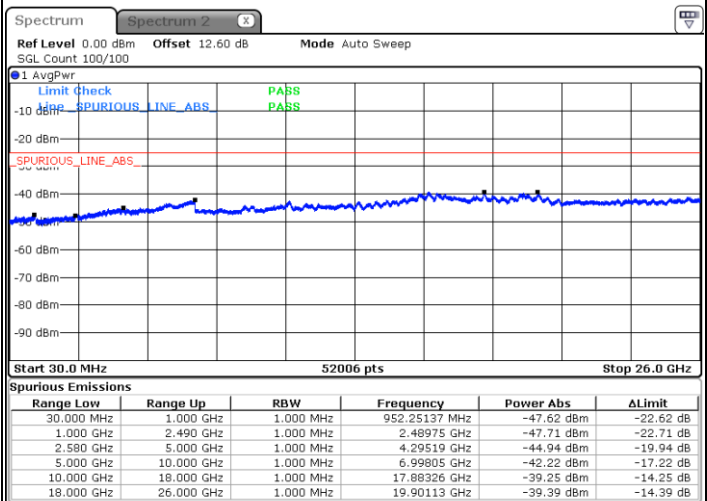
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 20 AUG 2020 00:56:14

Lowest Channel / 16QAM

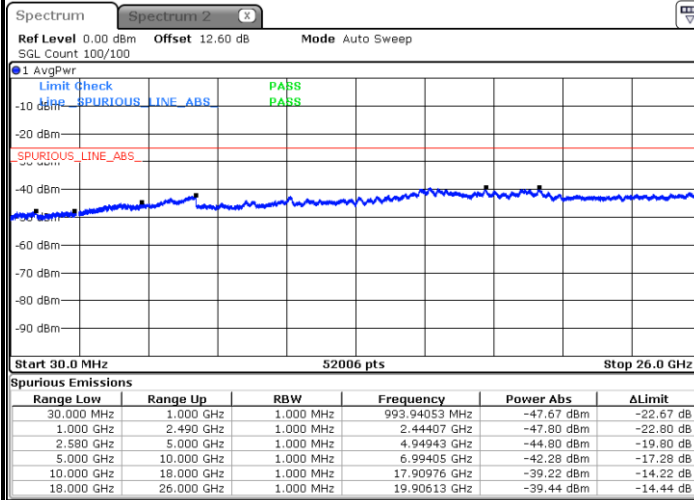


Date: 20 AUG 2020 00:57:15



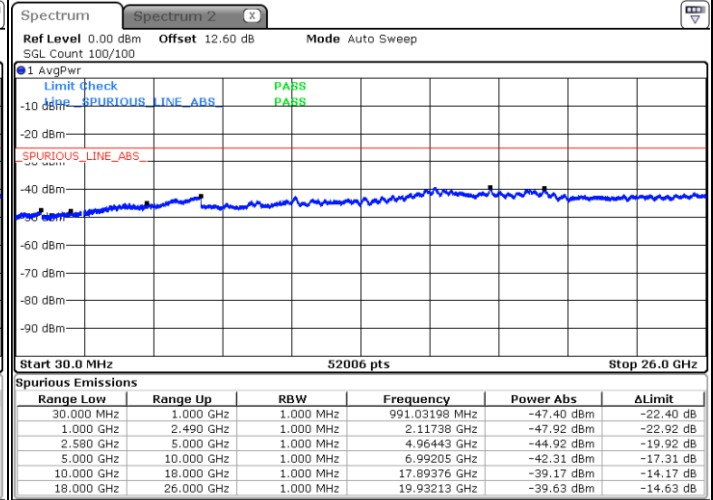
LTE Band 7 / 20MHz

Middle Channel / QPSK



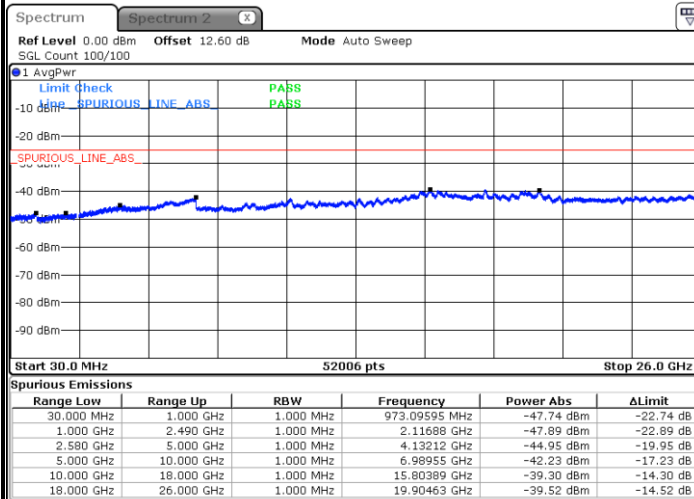
Date: 20 AUG 2020 00:59:01

Middle Channel / 16QAM



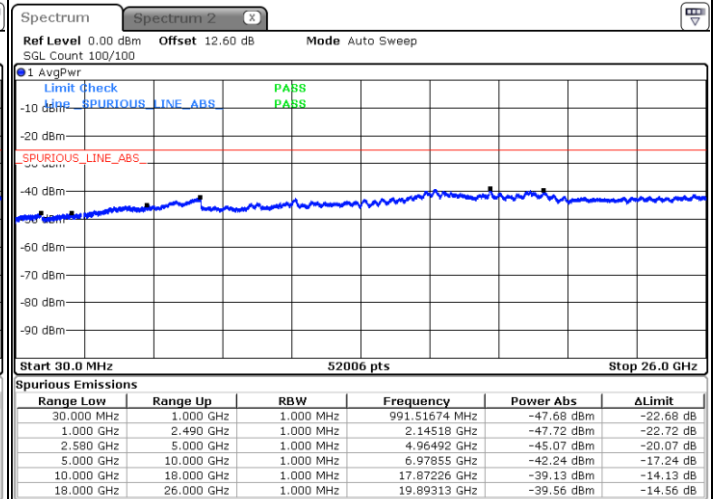
Date: 20 AUG 2020 01:00:00

Highest Channel / QPSK



Date: 20 AUG 2020 01:04:53

Highest Channel / 16QAM

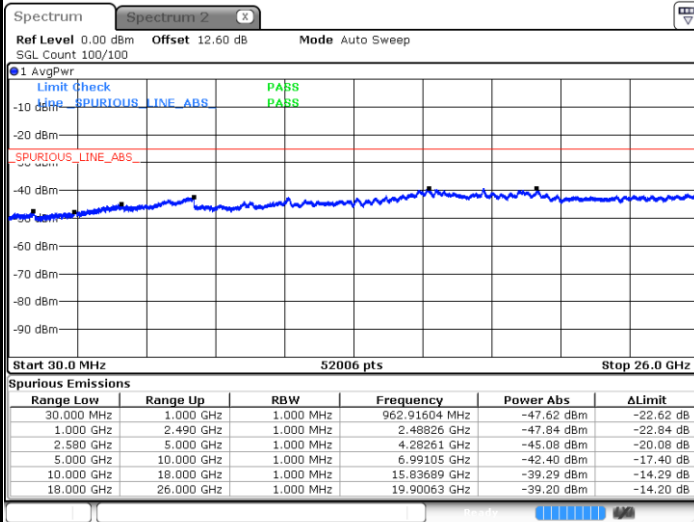


Date: 20 AUG 2020 01:05:54



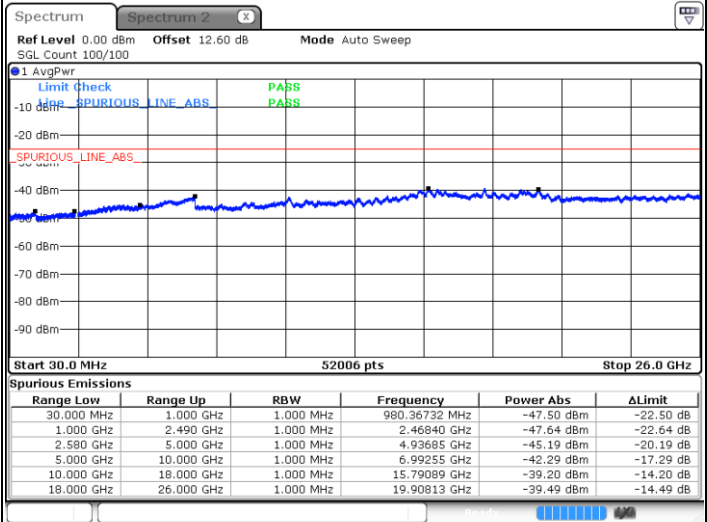
LTE Band 7 / 5MHz

Lowest Channel / 64QAM



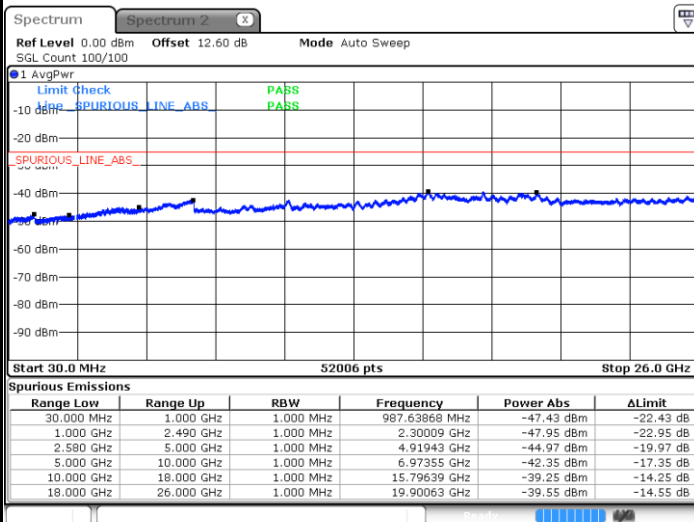
Date: 20 AUG 2020 00:03:16

Middle Channel / 64QAM



Date: 20 AUG 2020 00:04:39

Highest Channel / 64QAM

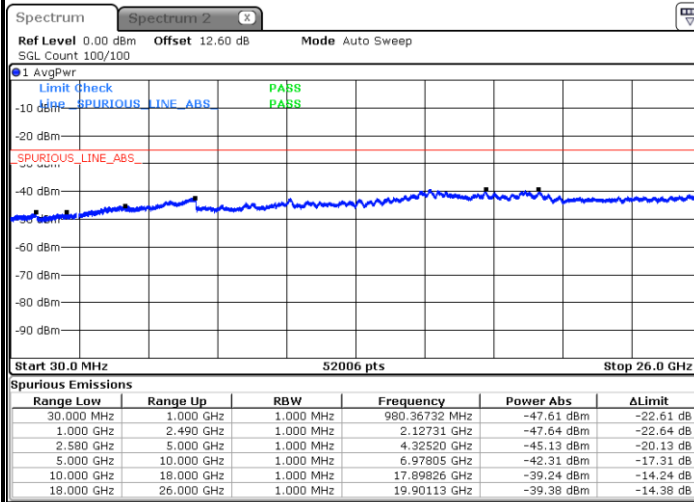


Date: 20 AUG 2020 00:07:36



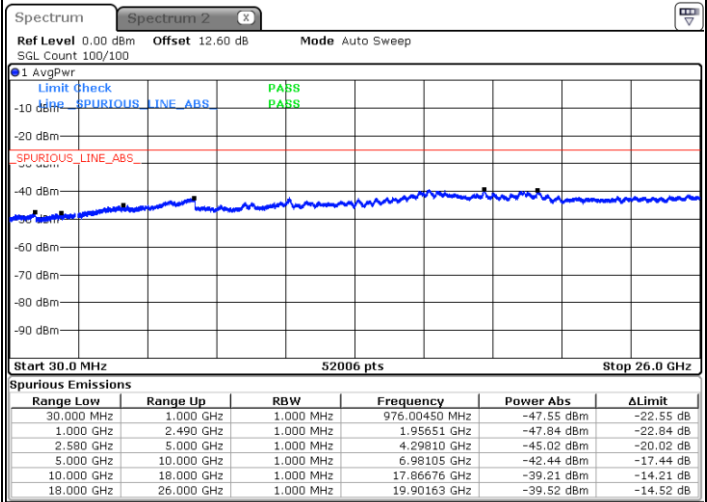
LTE Band 7 / 10MHz

Lowest Channel / 64QAM



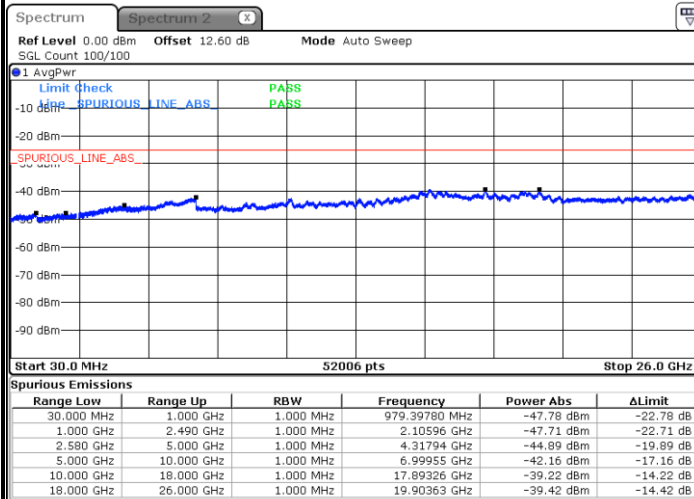
Date: 20 AUG 2020 00:25:07

Middle Channel / 64QAM



Date: 20 AUG 2020 00:26:30

Highest Channel / 64QAM

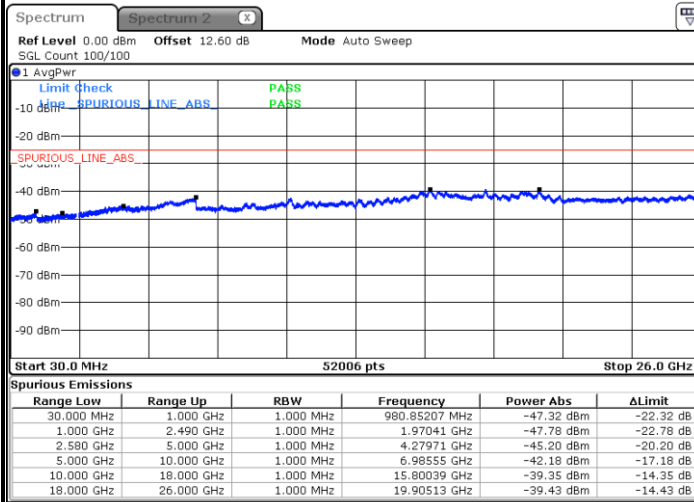


Date: 20 AUG 2020 00:29:26



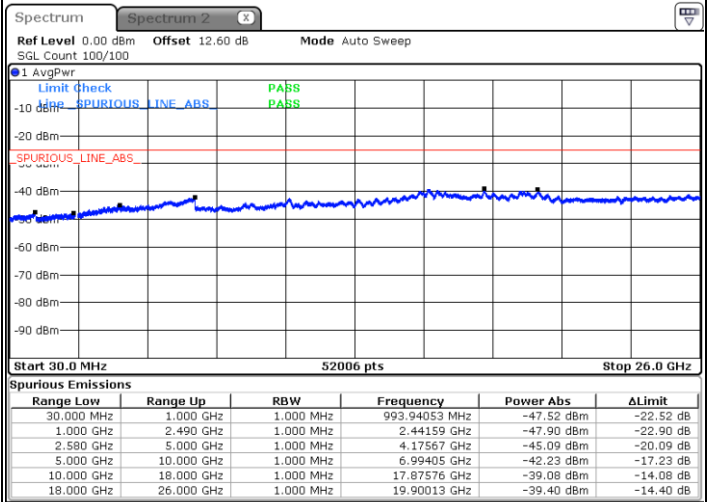
LTE Band 7 / 15MHz

Lowest Channel / 64QAM



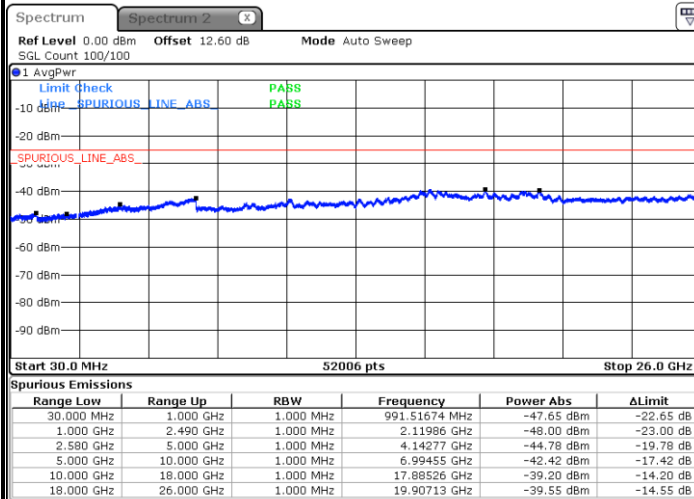
Date: 20 AUG 2020 00:46:59

Middle Channel / 64QAM



Date: 20 AUG 2020 00:48:22

Highest Channel / 64QAM

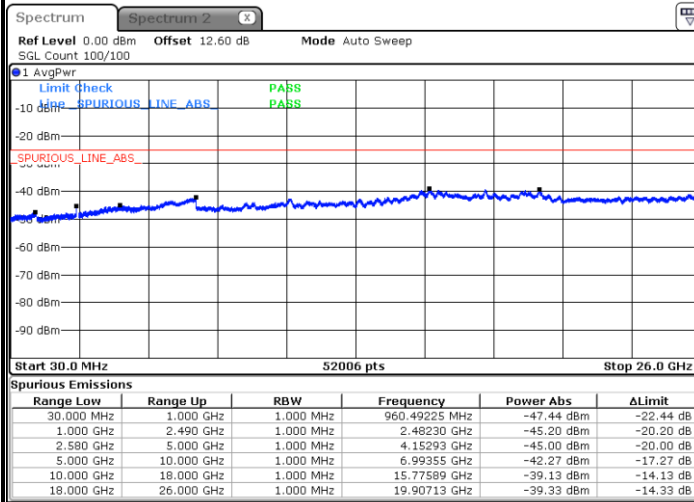


Date: 20 AUG 2020 00:51:19



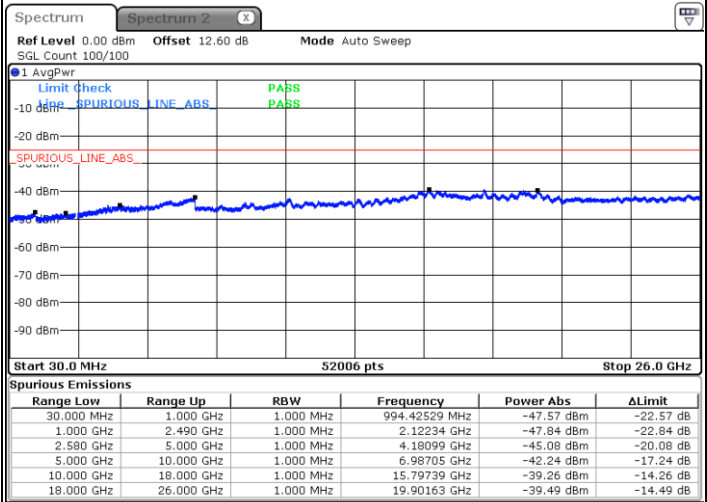
LTE Band 7 / 20MHz

Lowest Channel / 64QAM



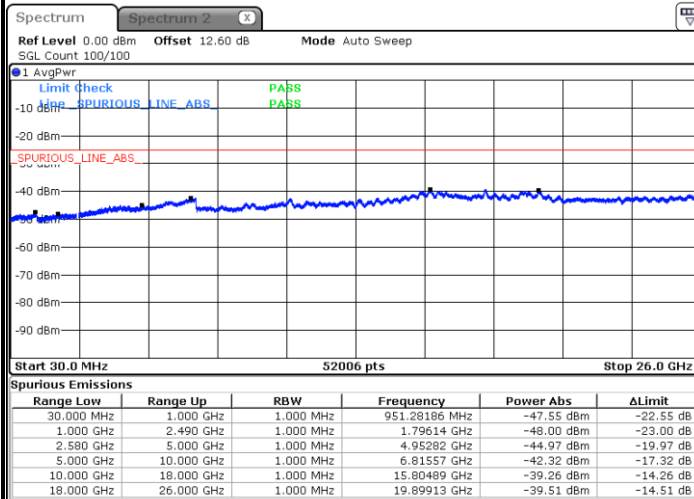
Date: 20 AUG 2020 01:08:51

Middle Channel / 64QAM



Date: 20 AUG 2020 01:10:14

Highest Channel / 64QAM



Date: 20 AUG 2020 01:13:11

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0046	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0049	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0046	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.8 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.97	25.33	30.69	34.90
Middle CH	29.91	25.38	30.69	34.83
Highest CH	29.91	25.23	30.57	34.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.21	34.97	39.88	-
Middle CH	29.97	34.90	39.88	-
Highest CH	30.09	34.83	39.96	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	30.09	25.33	30.51	34.83
Middle CH	29.79	25.18	30.45	34.76
Highest CH	29.85	25.23	30.57	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	35.04	39.88	-
Middle CH	30.21	34.83	39.72	-
Highest CH	30.03	34.76	39.64	-

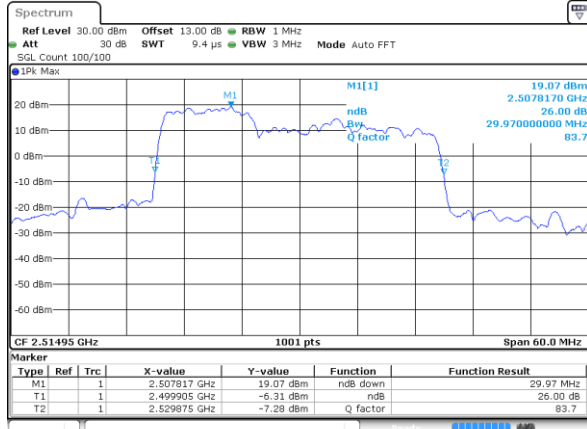
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.73	25.08	30.51	34.76
Middle CH	29.73	25.23	30.39	34.76
Highest CH	29.79	25.38	30.69	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.91	34.83	39.88	-
Middle CH	29.97	35.11	39.72	-
Highest CH	30.09	34.83	39.80	-



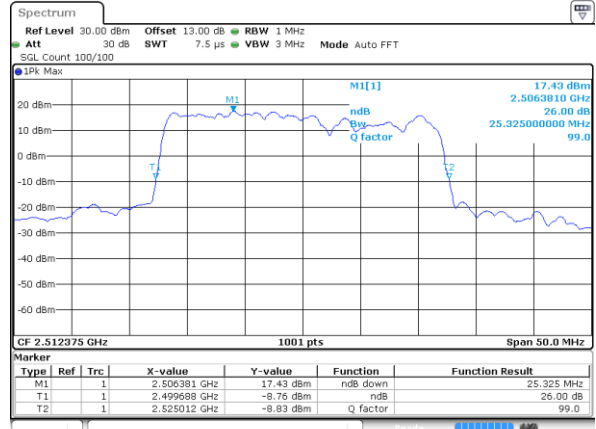
LTE Band 7C

QPSK

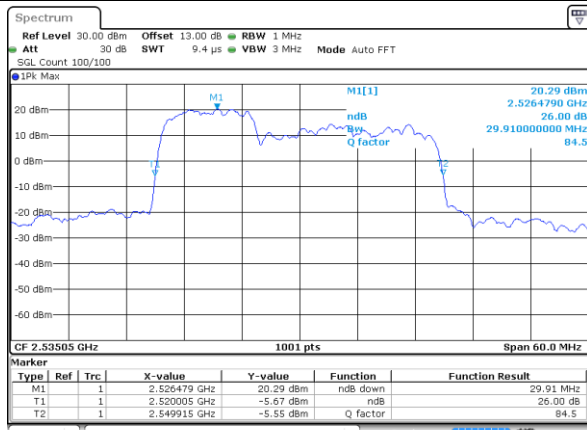
Lowest Channel / 10MHz+20MHz



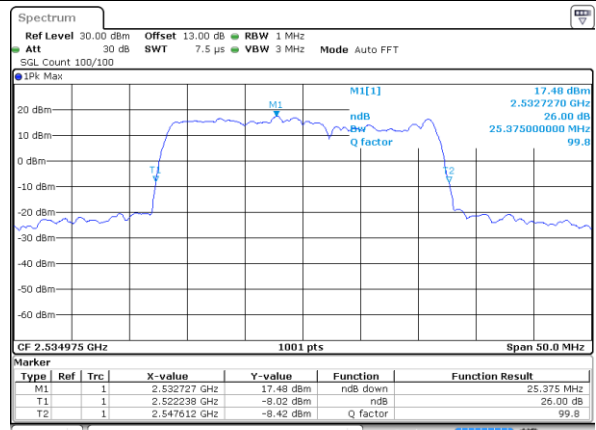
Lowest Channel / 15MHz+10MHz



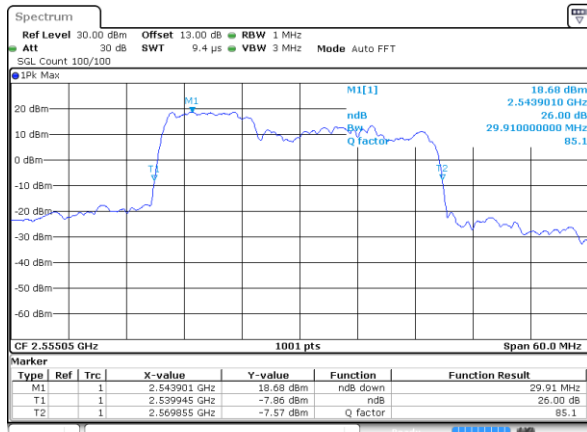
Middle Channel / 10MHz+20MHz



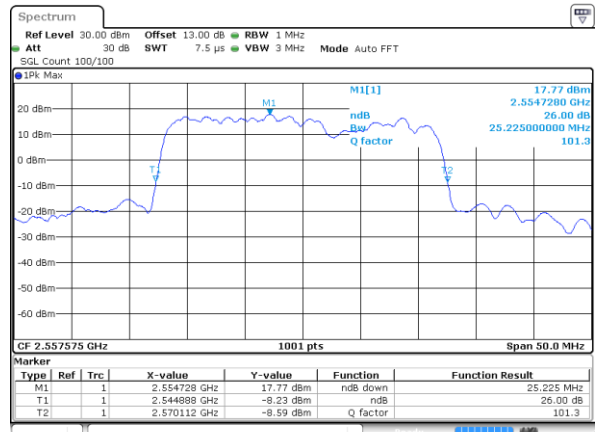
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



Highest Channel / 15MHz+10MHz

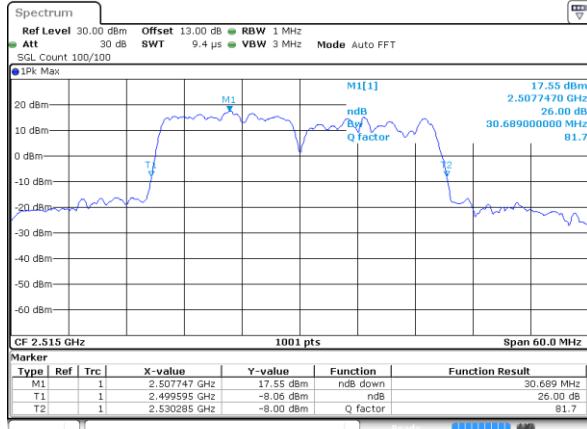




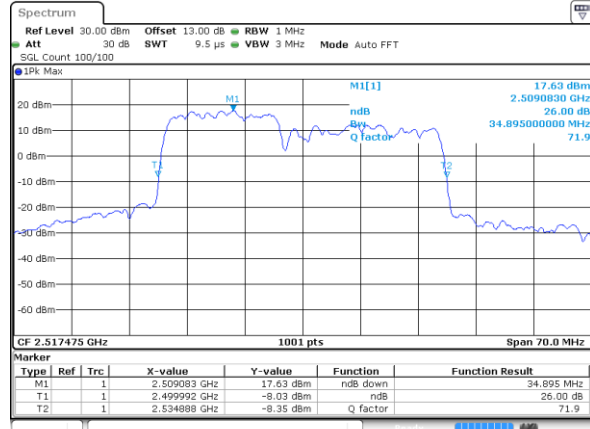
LTE Band 7C

QPSK

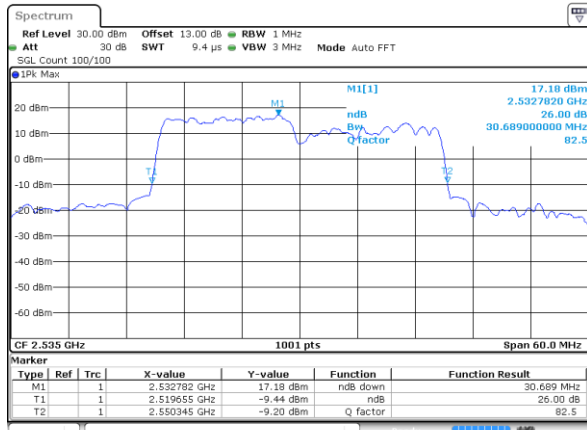
Lowest Channel / 15MHz+15MHz



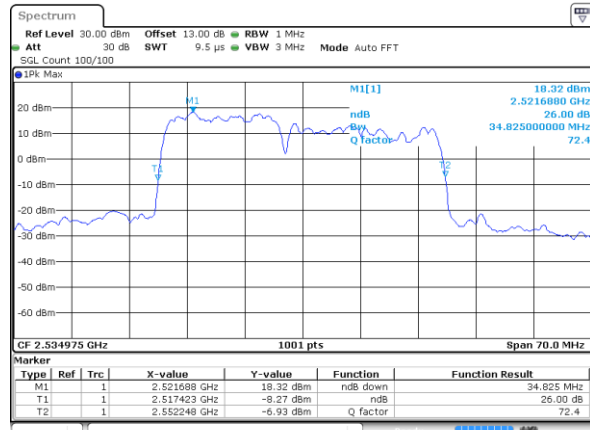
Lowest Channel / 15MHz+20MHz



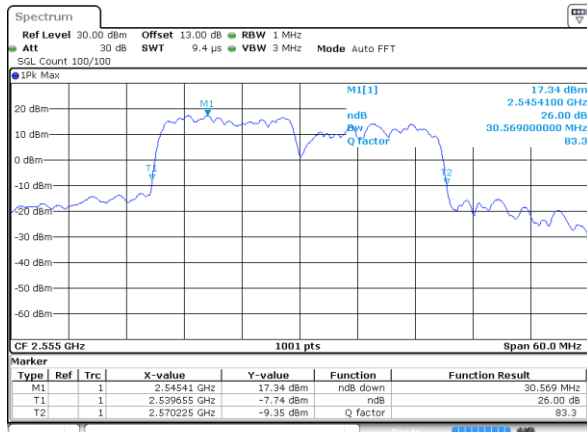
Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 15MHz+20MHz

