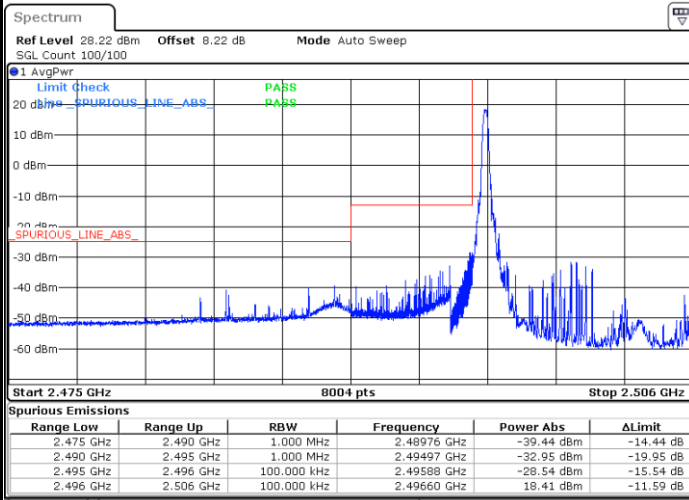


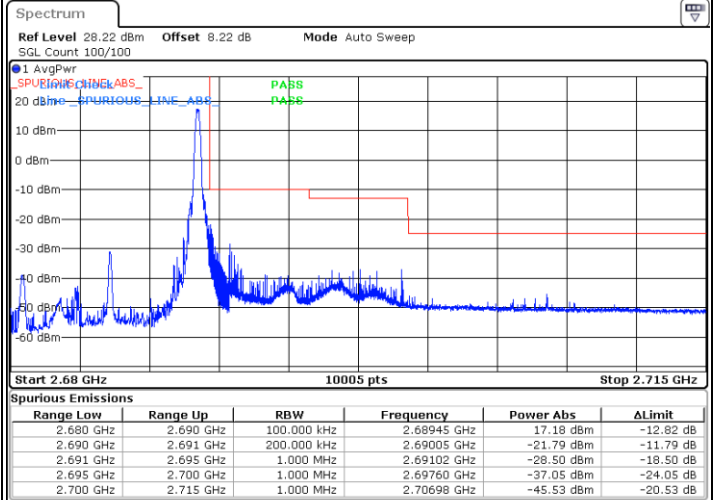


LTE Band 41 / 10MHz / 16QAM

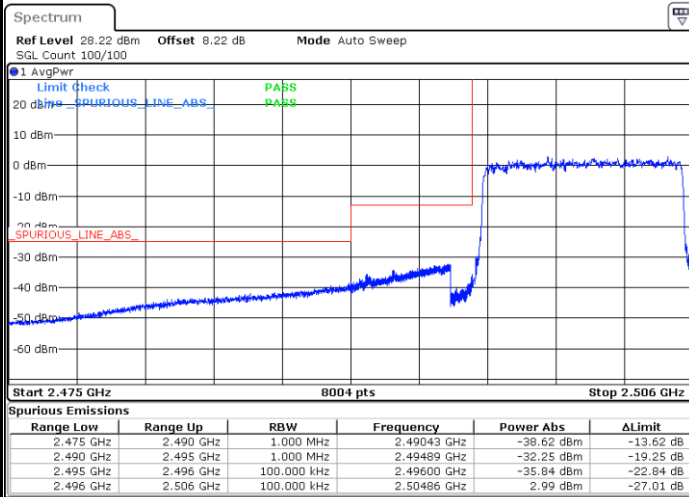
Lowest Band Edge / 1 RB



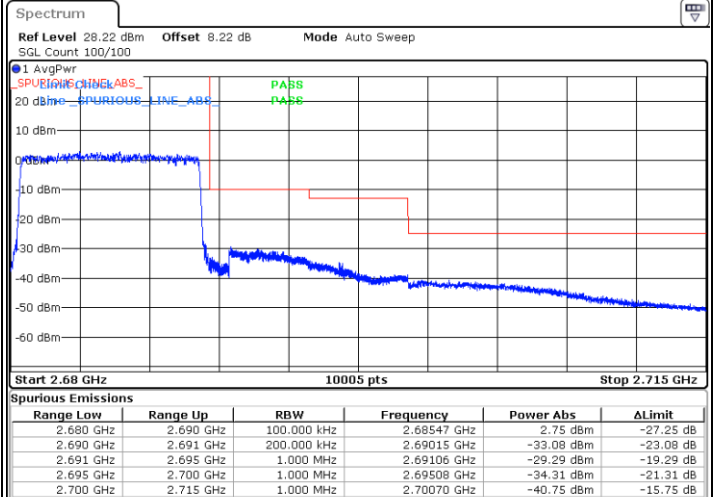
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



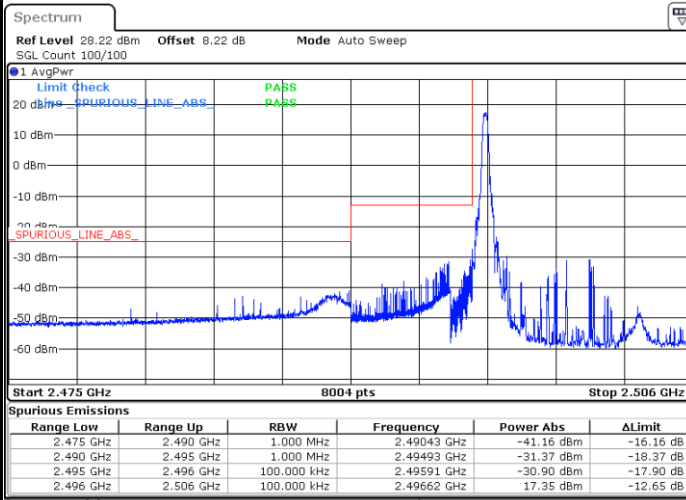
Highest Band Edge / Full RB



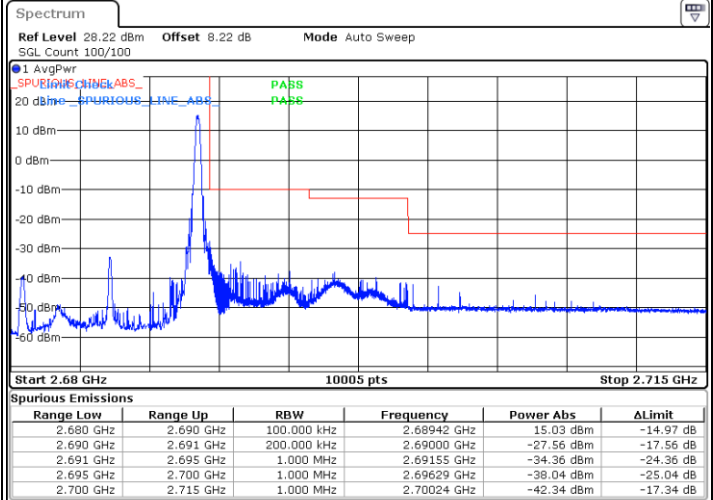


LTE Band 41 / 10MHz / 64QAM

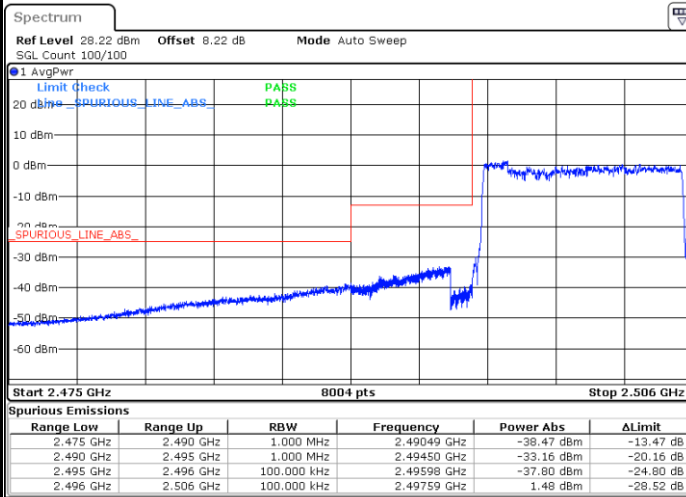
Lowest Band Edge / 1 RB



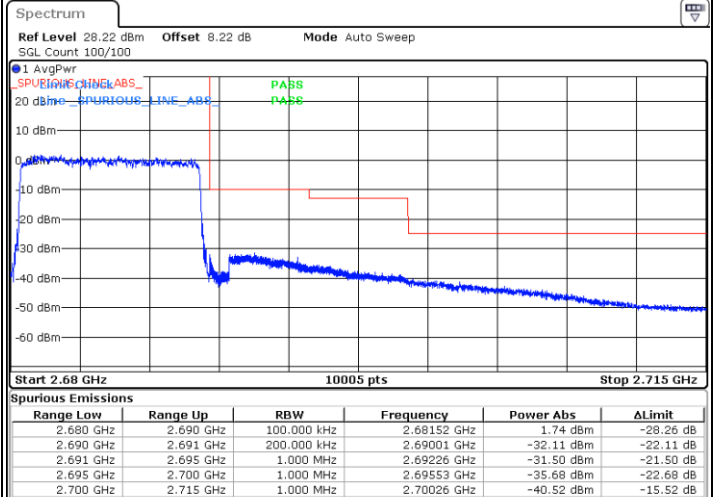
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



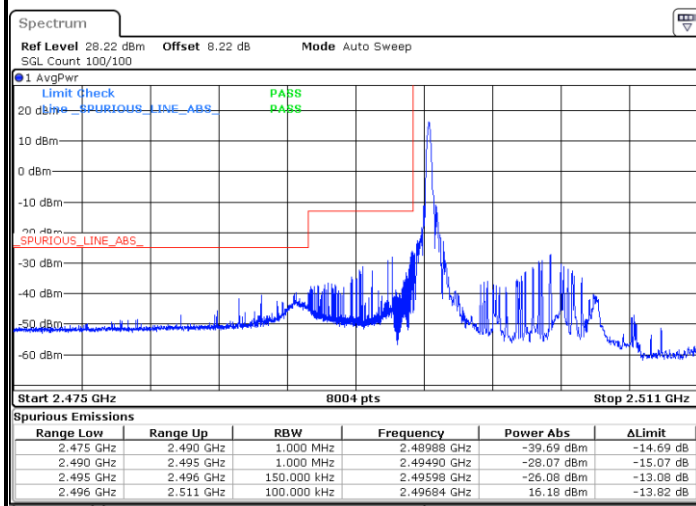
Highest Band Edge / Full RB



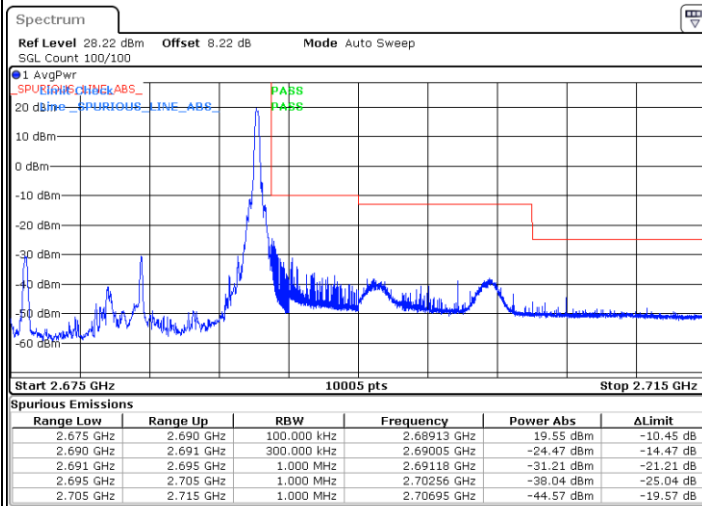


LTE Band 41 / 15MHz / QPSK

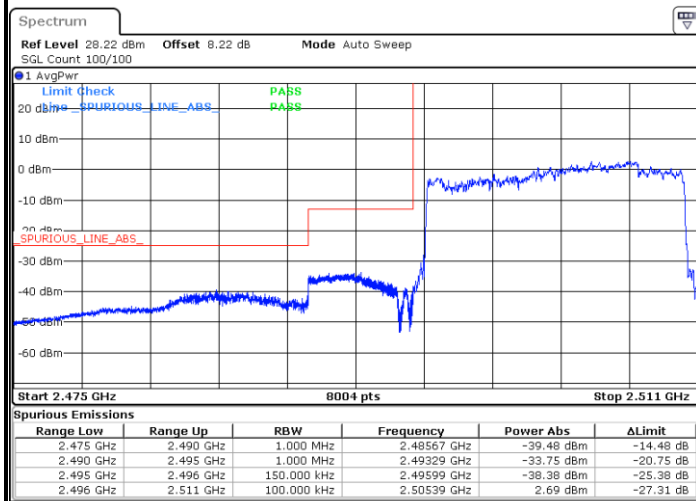
Lowest Band Edge / 1 RB



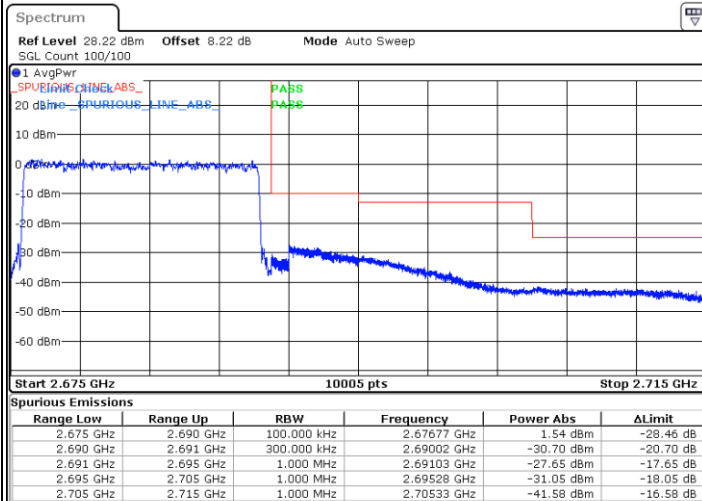
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



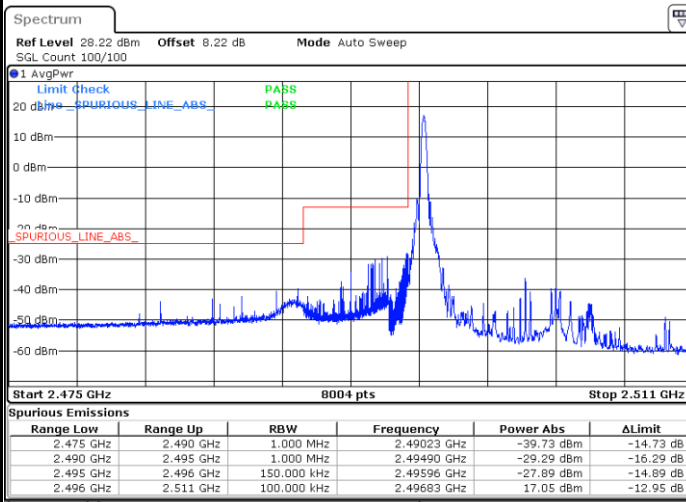
Highest Band Edge / Full RB



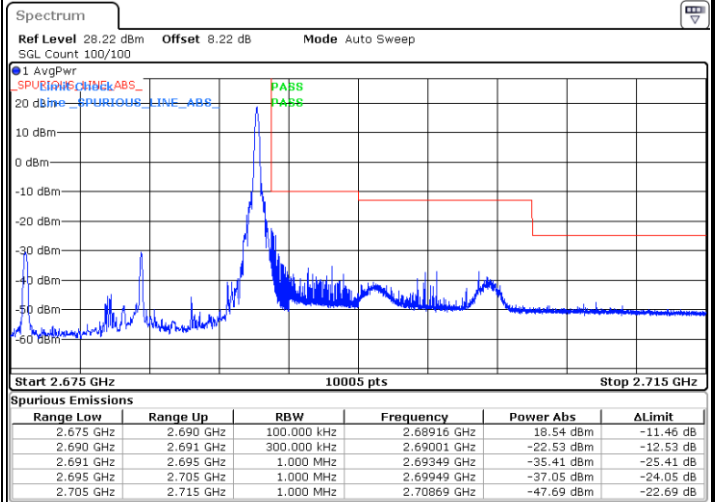


LTE Band 41 / 15MHz / 16QAM

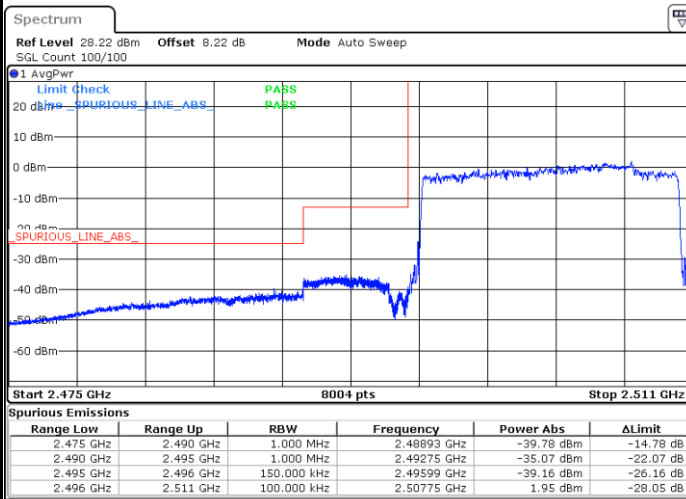
Lowest Band Edge / 1 RB



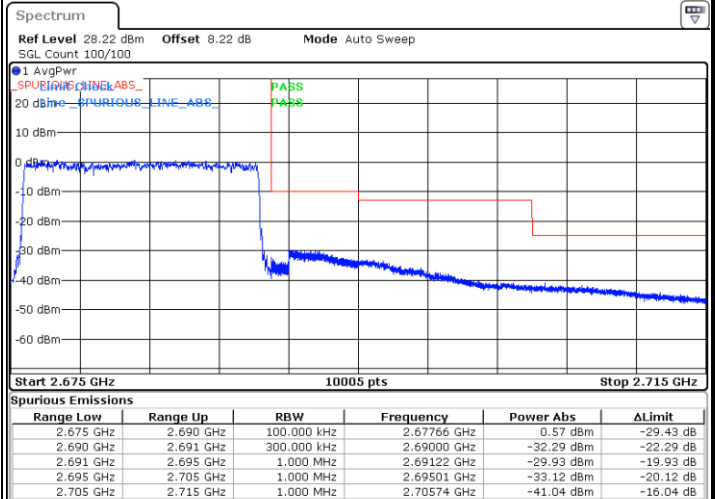
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



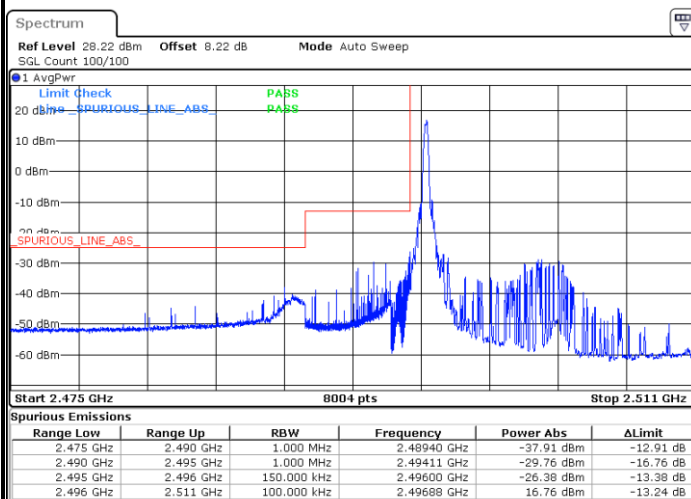
Highest Band Edge / Full RB



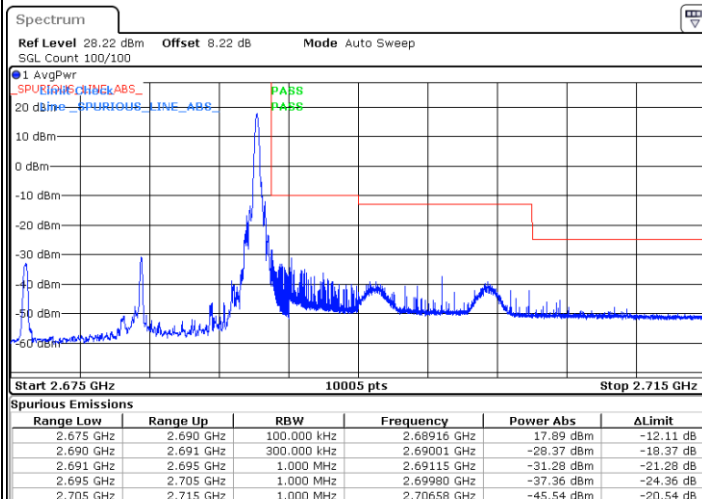


LTE Band 41 / 15MHz / 64QAM

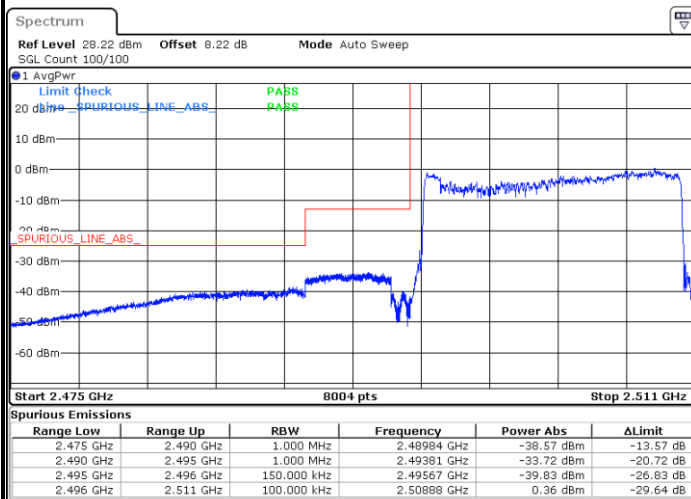
Lowest Band Edge / 1 RB



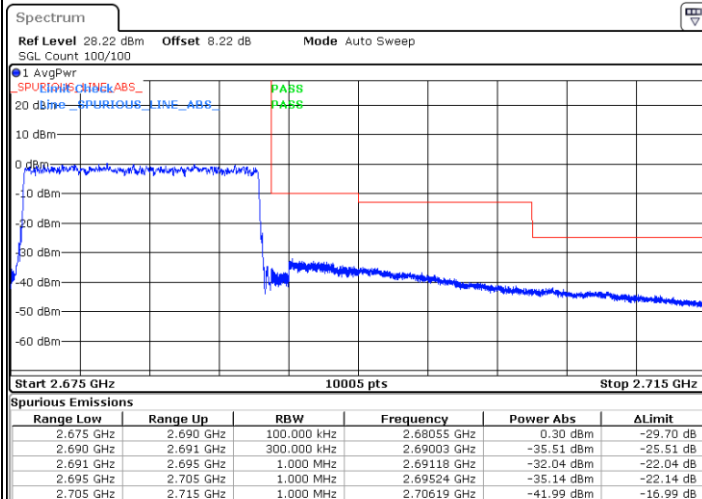
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



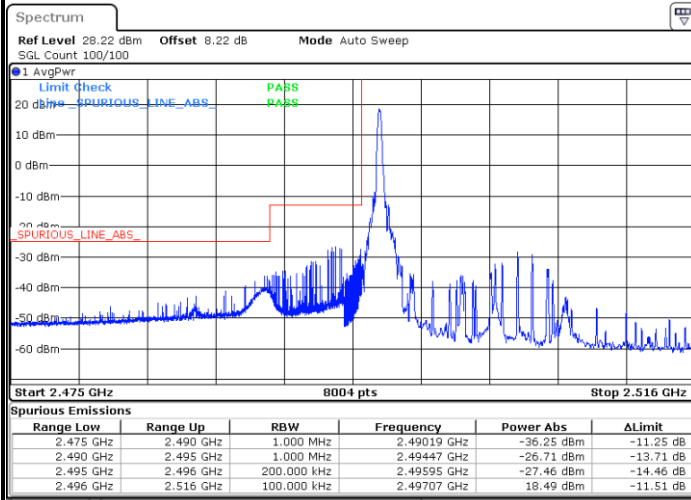
Highest Band Edge / Full RB



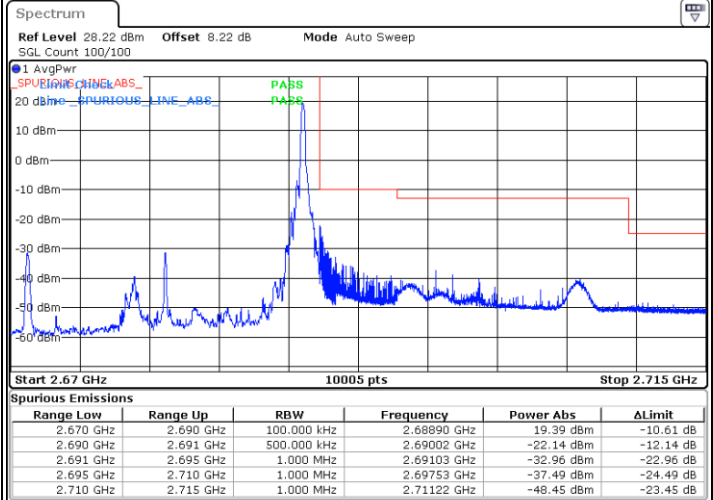


LTE Band 41 / 20MHz / QPSK

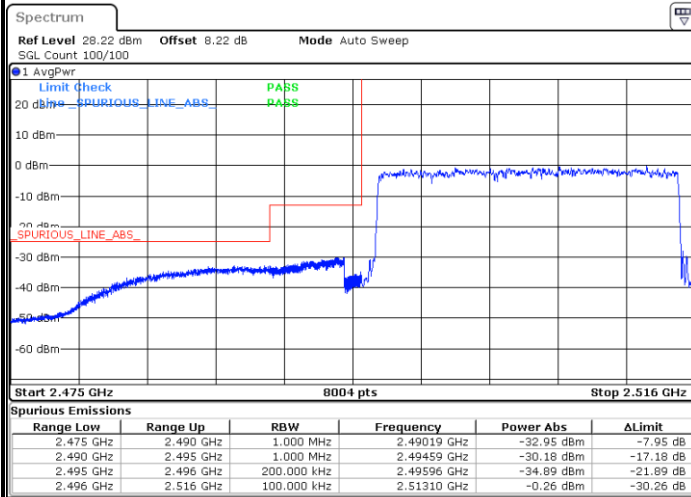
Lowest Band Edge / 1 RB



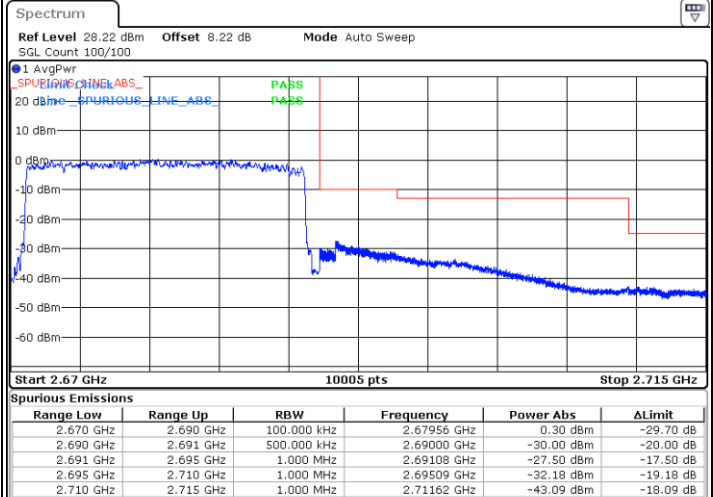
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



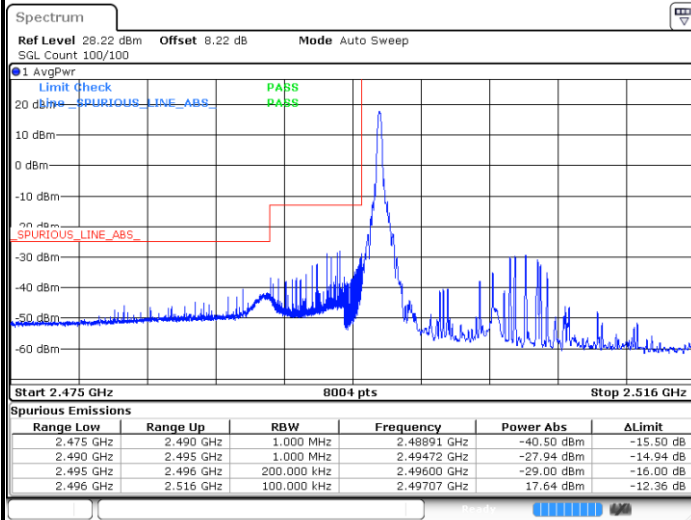
Highest Band Edge / Full RB



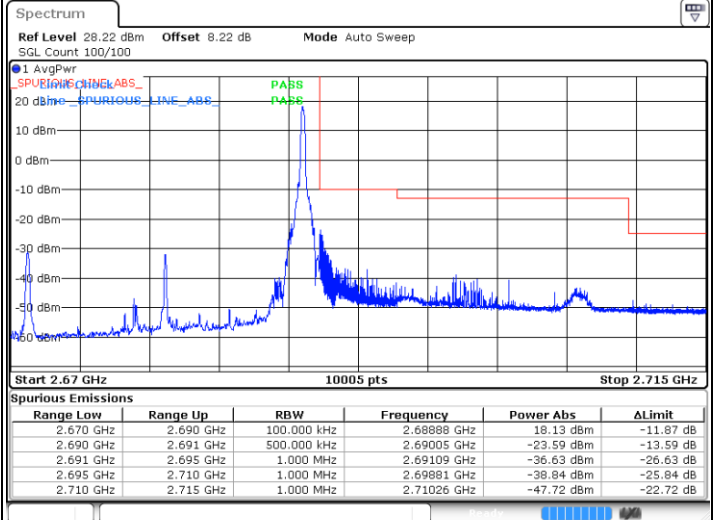


LTE Band 41 / 20MHz / 16QAM

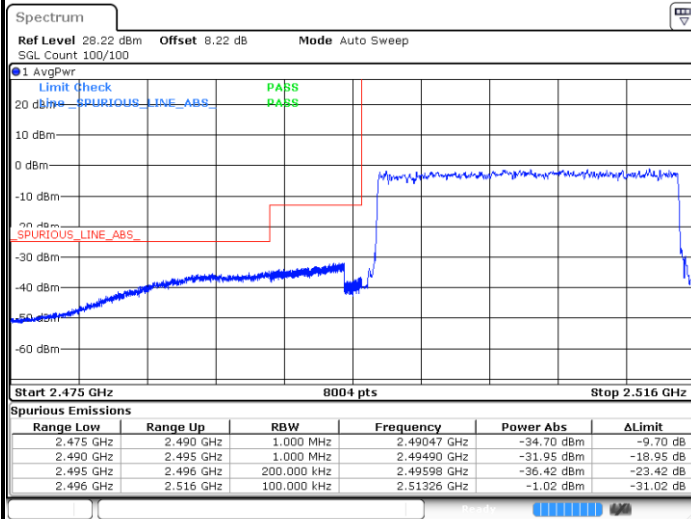
Lowest Band Edge / 1 RB



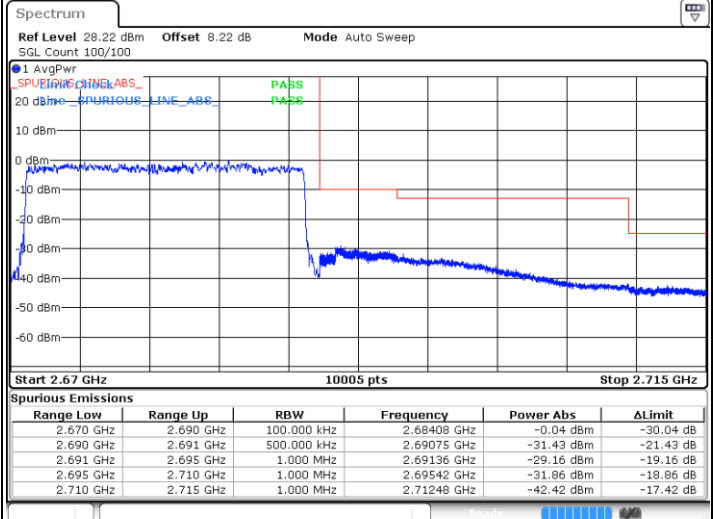
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



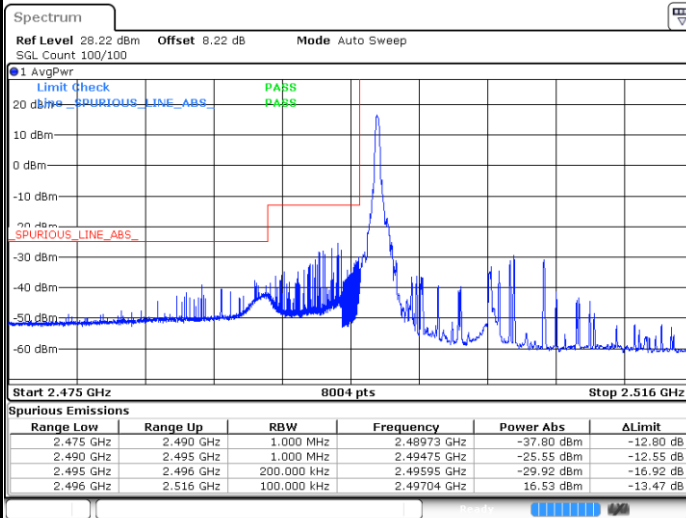
Highest Band Edge / Full RB



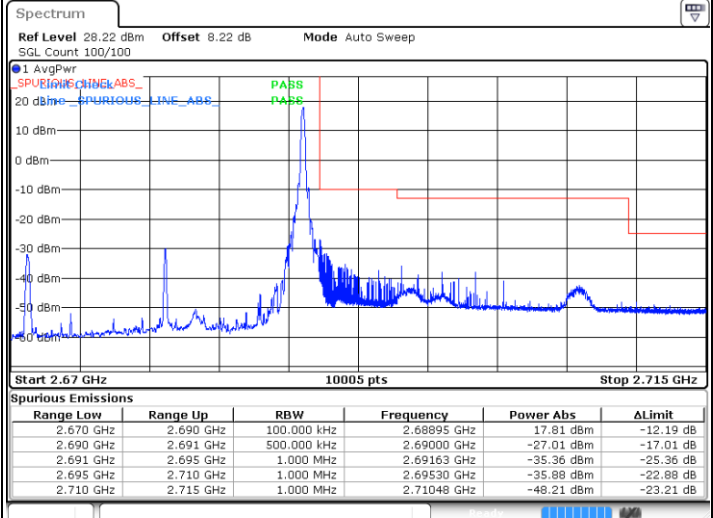


LTE Band 41 / 20MHz / 64QAM

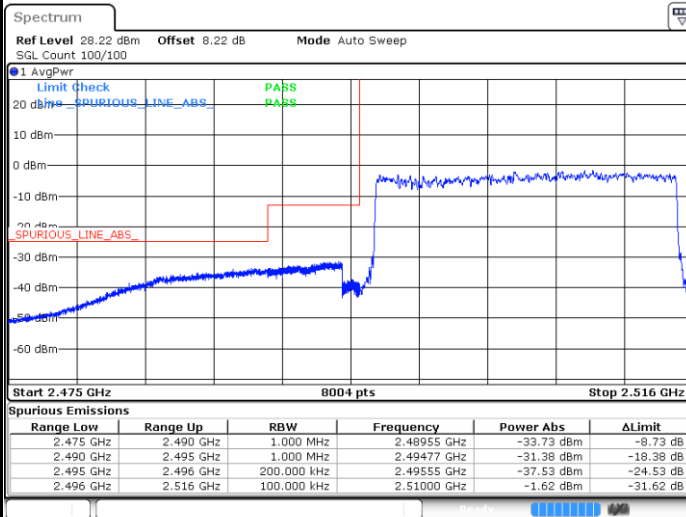
Lowest Band Edge / 1 RB



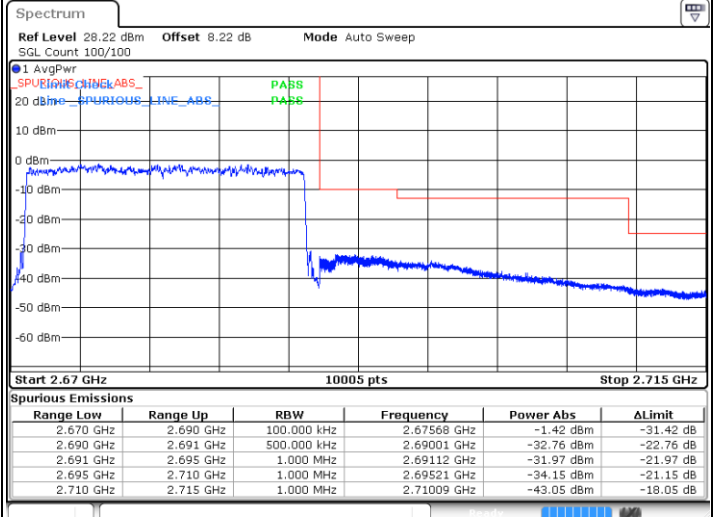
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

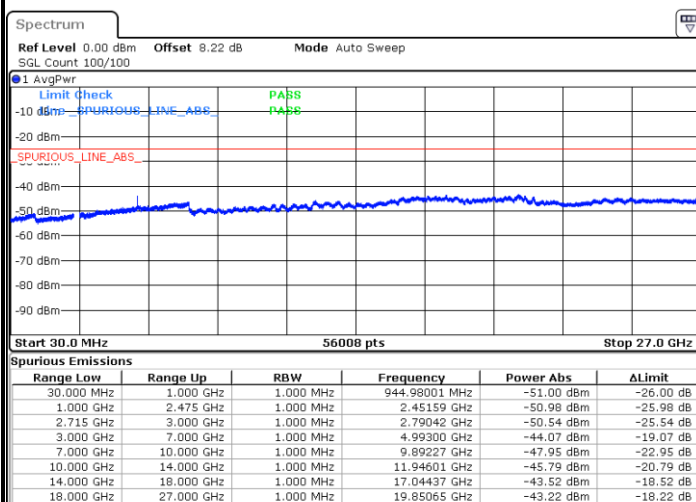




Conducted Spurious Emission

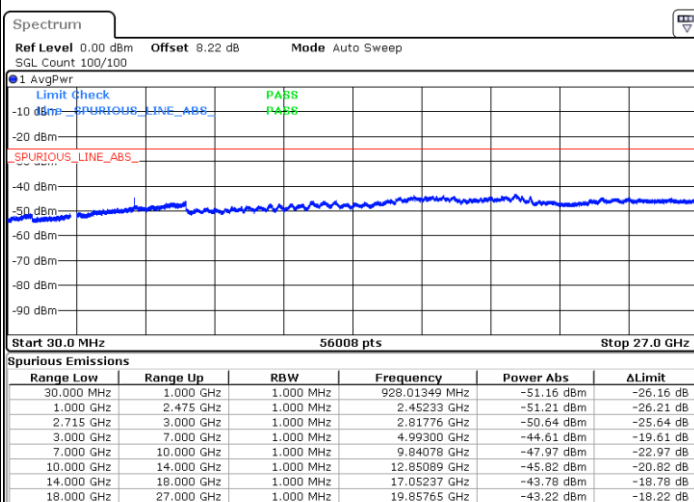
LTE Band 41 / 5MHz

Lowest Channel / QPSK



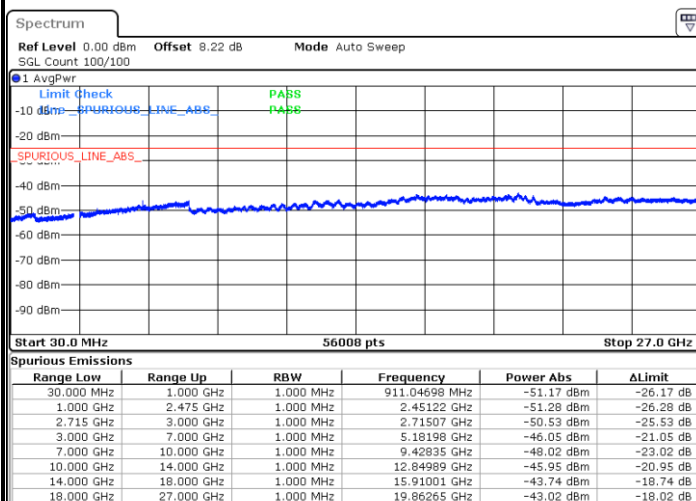
Date: 21 MAY 2020 23:43:42

Lowest Channel / 16QAM



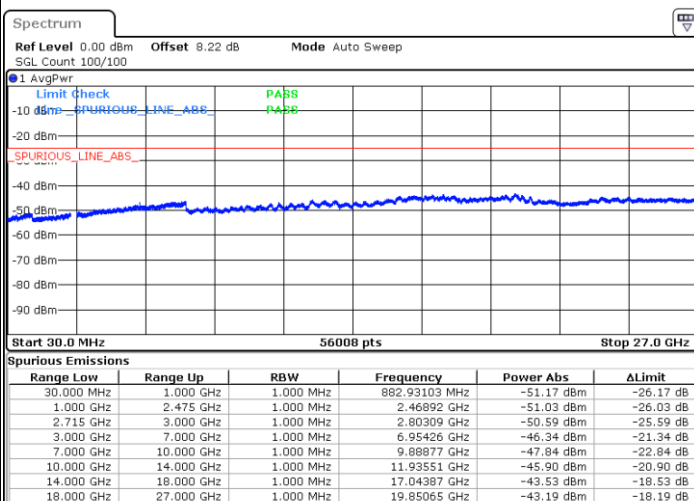
Date: 21 MAY 2020 23:44:37

Middle Channel / QPSK



Date: 21 MAY 2020 23:45:32

Middle Channel / 16QAM

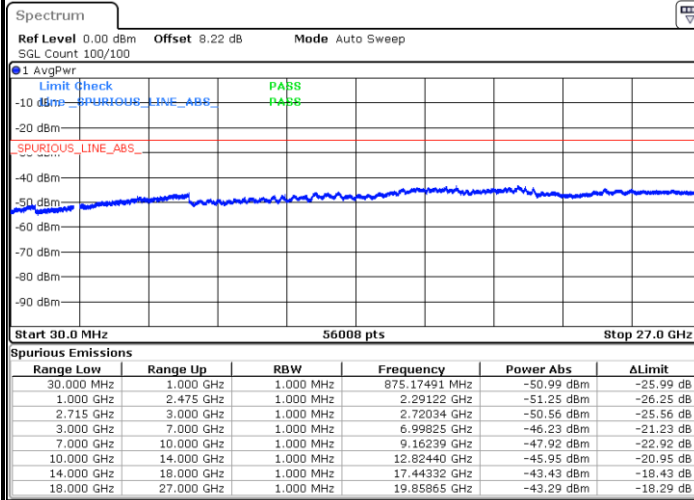


Date: 21 MAY 2020 23:46:27



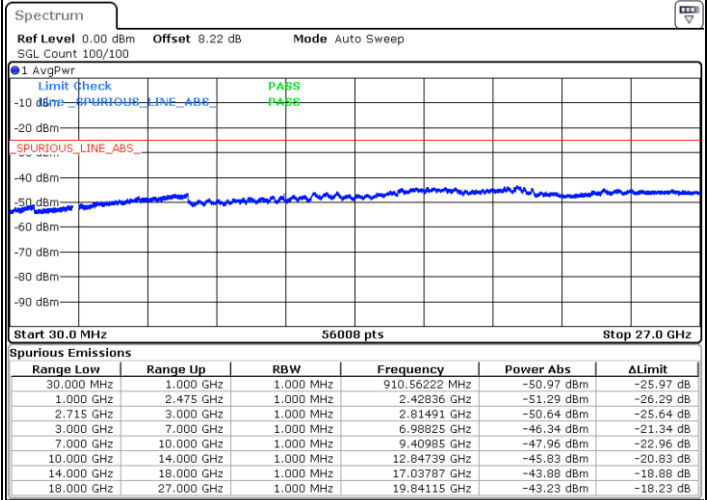
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 21 MAY 2020 23:47:21

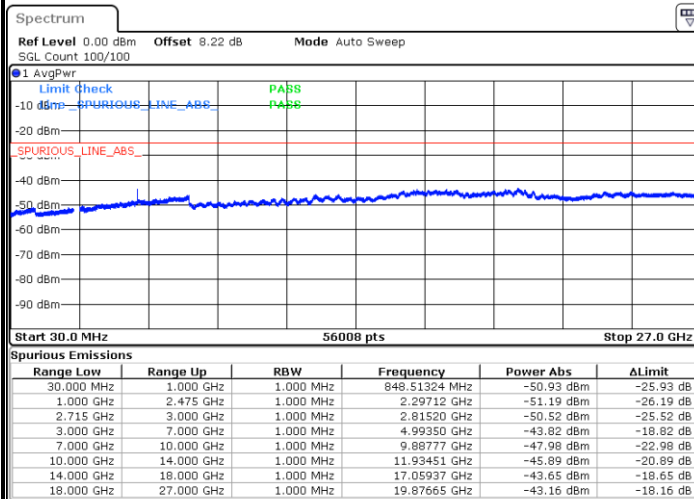
Highest Channel / 16QAM



Date: 21 MAY 2020 23:48:16

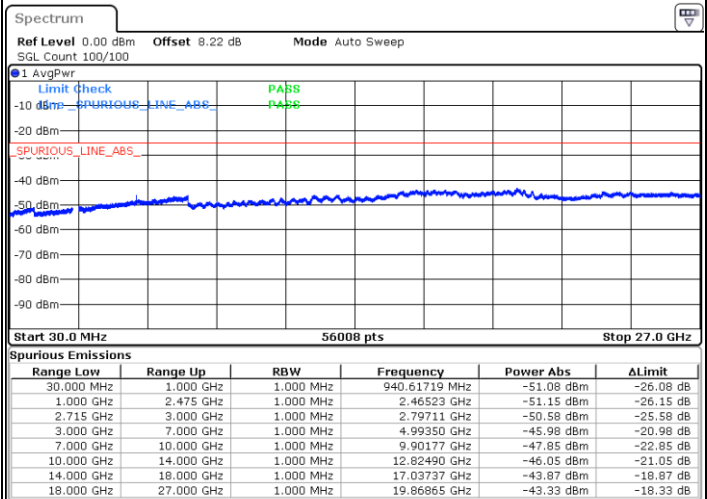
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 21 MAY 2020 23:49:11

Lowest Channel / 16QAM

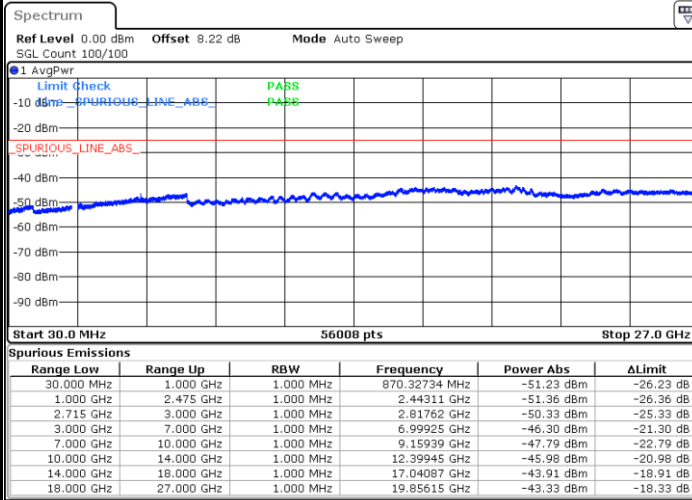


Date: 21 MAY 2020 23:50:06



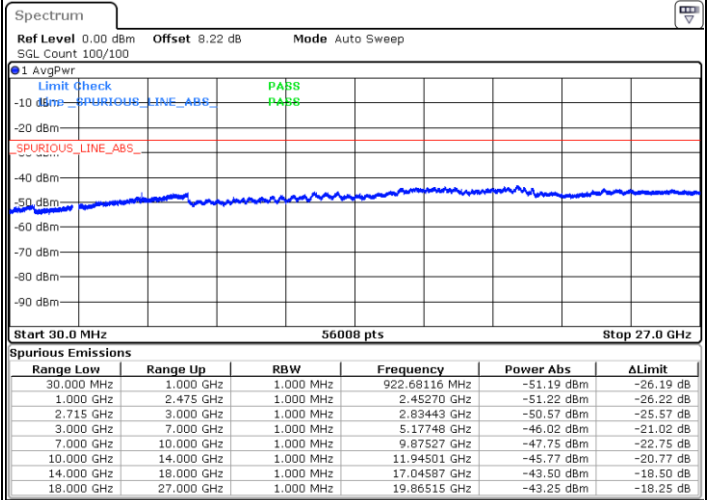
LTE Band 41 / 10MHz

Middle Channel / QPSK



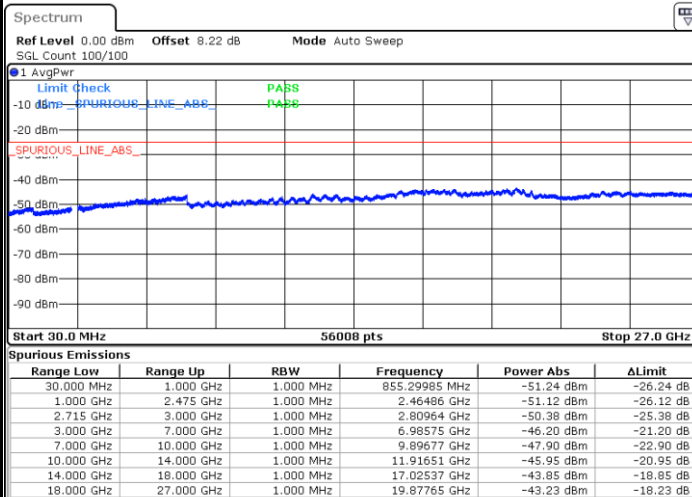
Date: 21 MAY 2020 23:51:01

Middle Channel / 16QAM



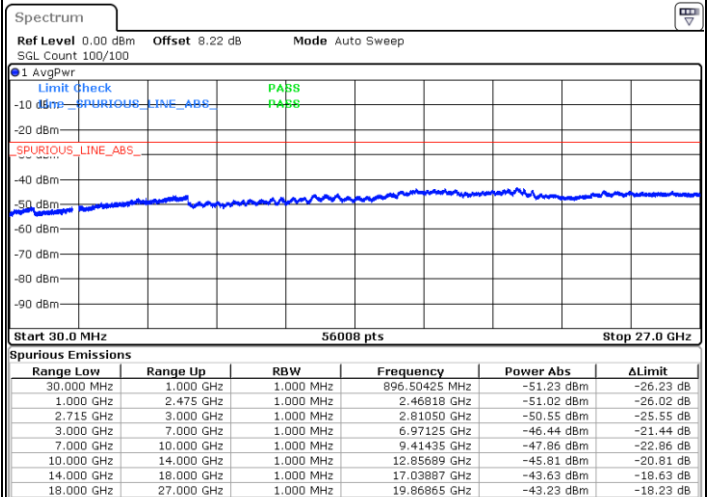
Date: 21 MAY 2020 23:51:55

Highest Channel / QPSK



Date: 21 MAY 2020 23:52:50

Highest Channel / 16QAM

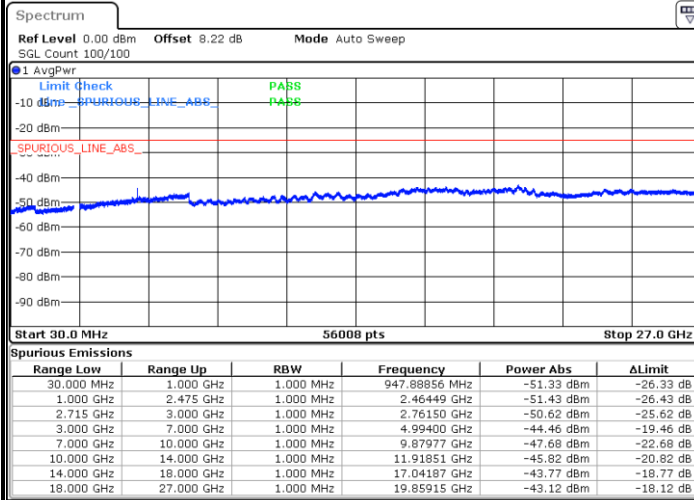


Date: 21 MAY 2020 23:53:45



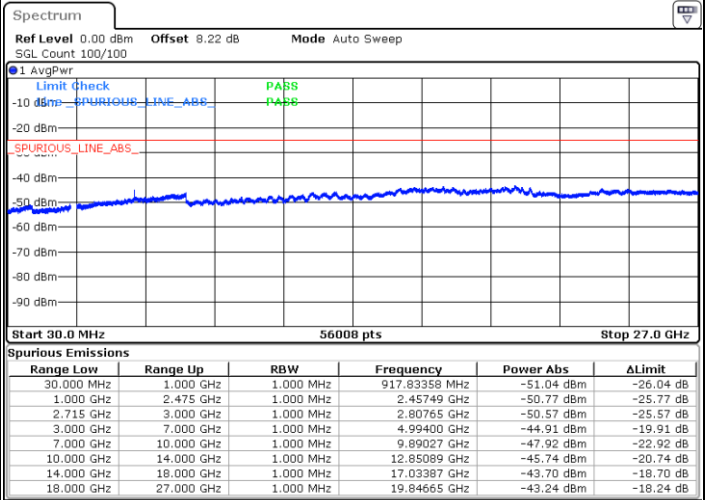
LTE Band 41 / 15MHz

Lowest Channel / QPSK



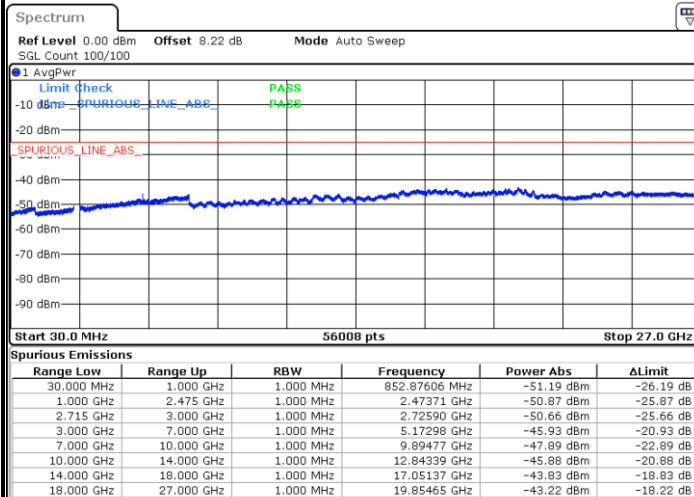
Date: 21 MAY 2020 23:54:40

Lowest Channel / 16QAM



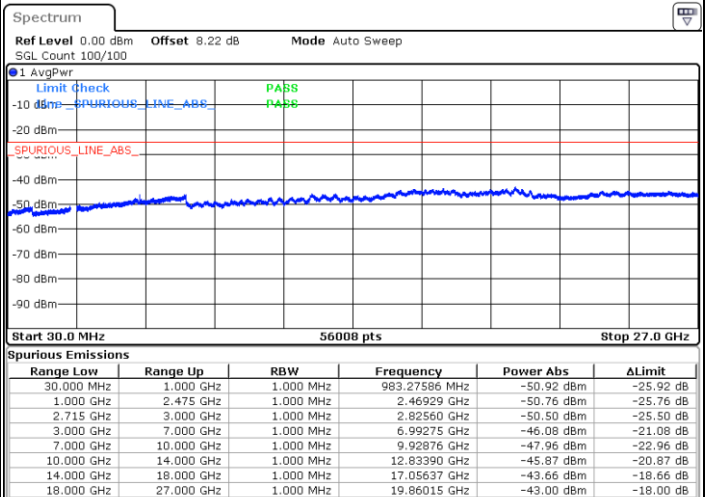
Date: 21 MAY 2020 23:55:35

Middle Channel / QPSK



Date: 21 MAY 2020 23:56:29

Middle Channel / 16QAM

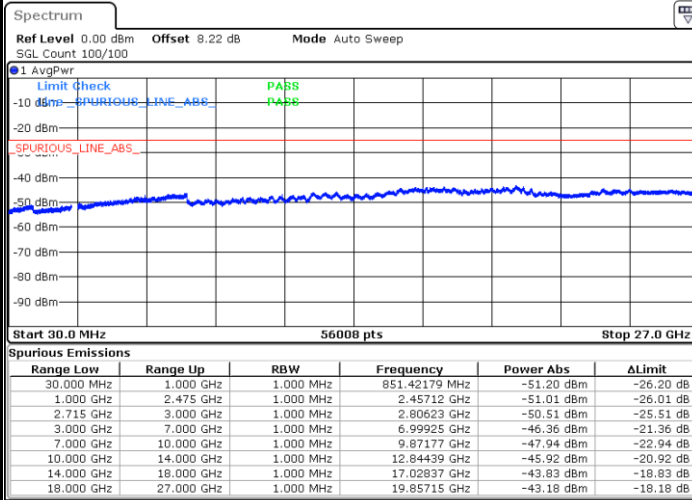


Date: 21 MAY 2020 23:57:24



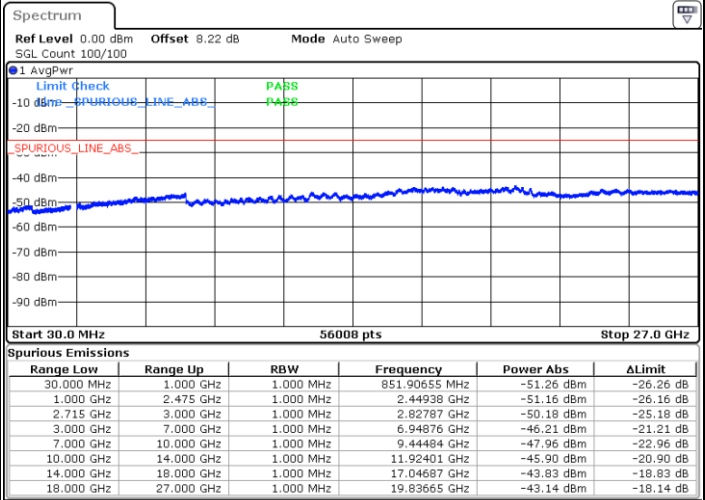
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 21 MAY 2020 23:58:19

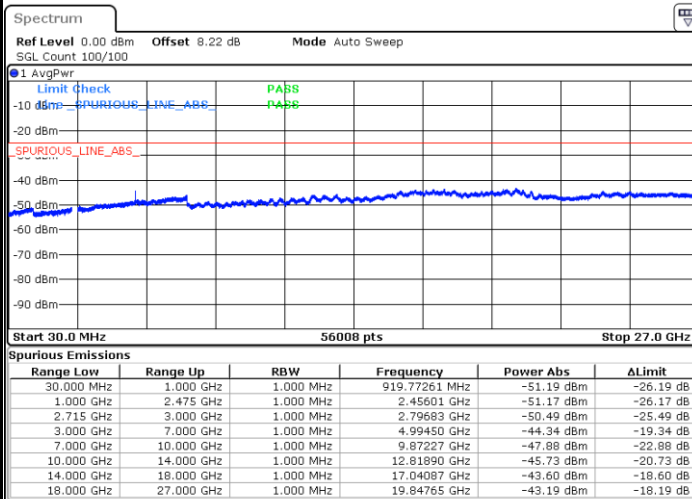
Highest Channel / 16QAM



Date: 21 MAY 2020 23:59:14

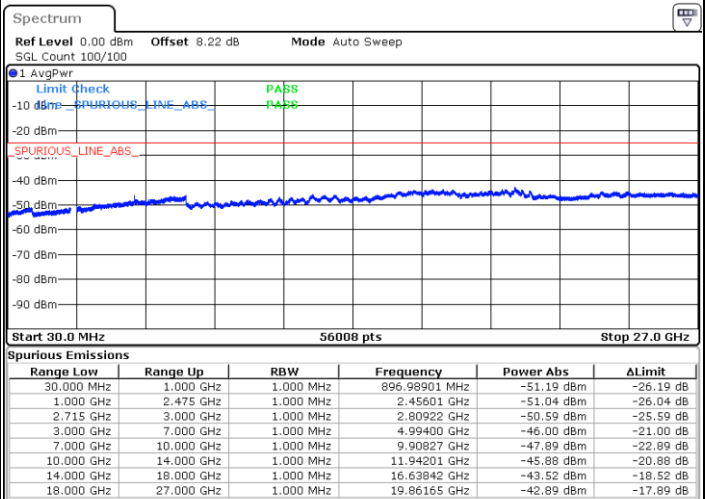
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 22 MAY 2020 00:00:09

Lowest Channel / 16QAM

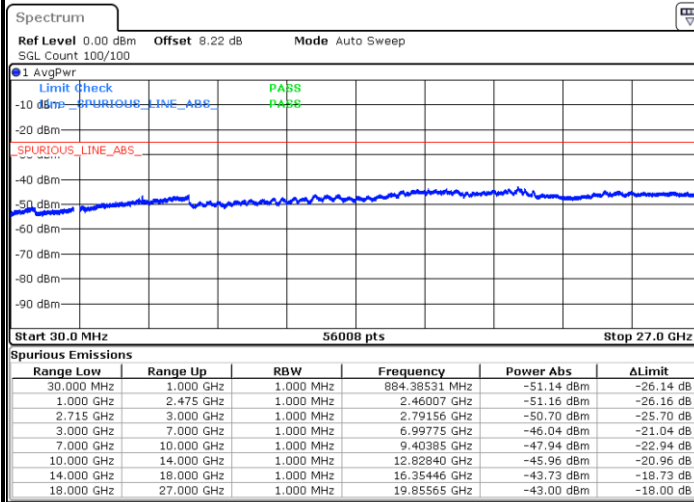


Date: 22 MAY 2020 00:01:03



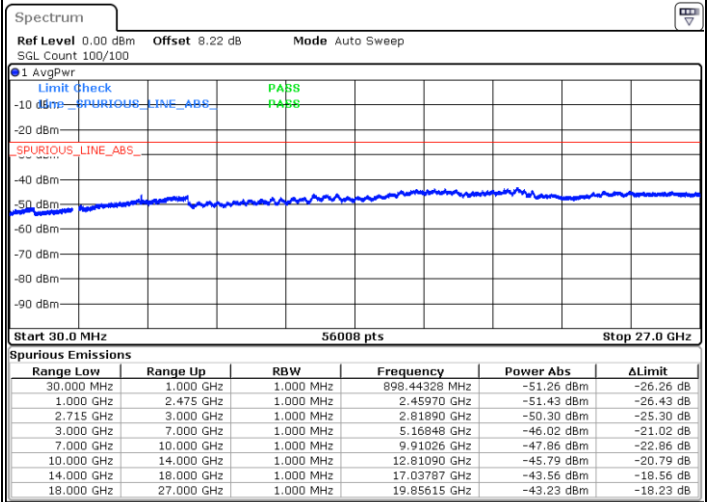
LTE Band 41 / 20MHz

Middle Channel / QPSK



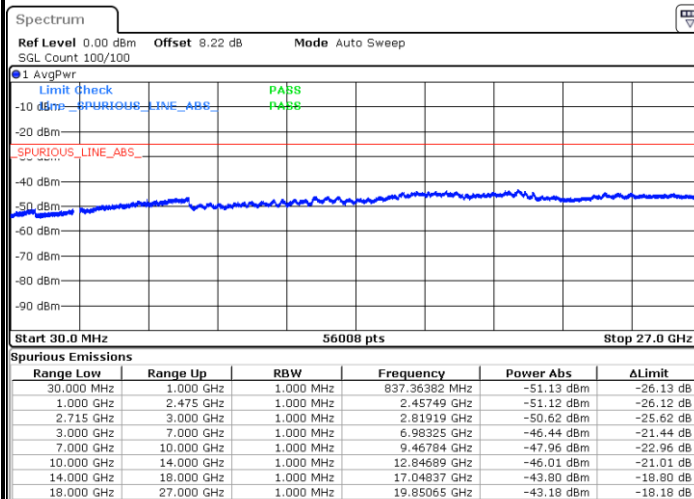
Date: 22 MAY 2020 00:01:58

Middle Channel / 16QAM



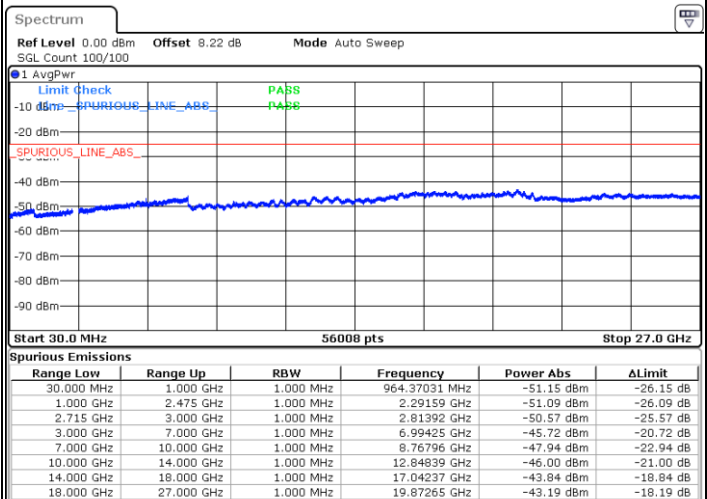
Date: 22 MAY 2020 00:02:53

Highest Channel / QPSK



Date: 22 MAY 2020 00:03:48

Highest Channel / 16QAM

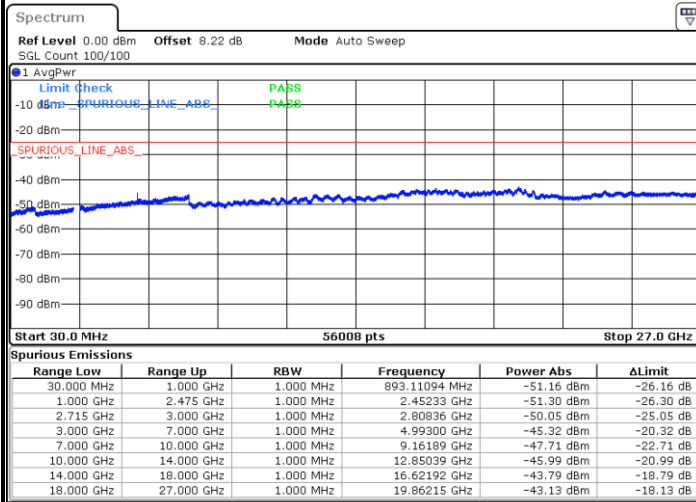


Date: 22 MAY 2020 00:04:43



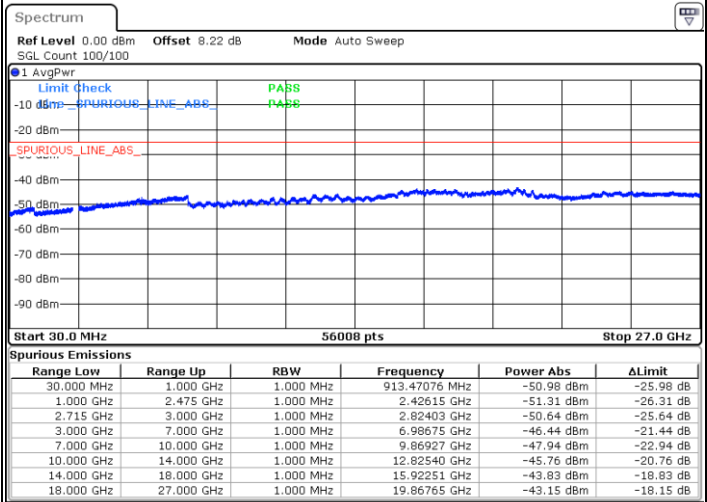
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



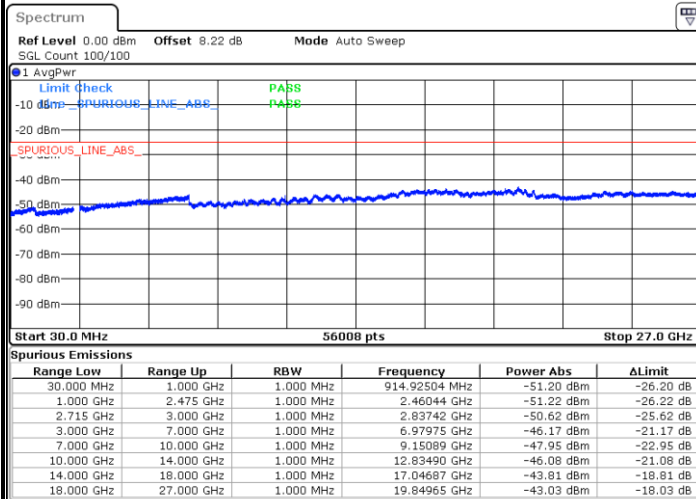
Date: 22 MAY 2020 00:05:37

Middle Channel / 64QAM



Date: 22 MAY 2020 00:06:32

Highest Channel / 64QAM

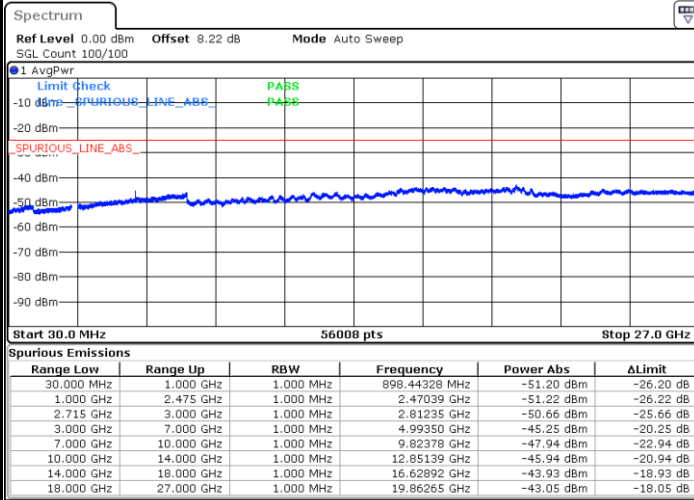


Date: 22 MAY 2020 00:07:27



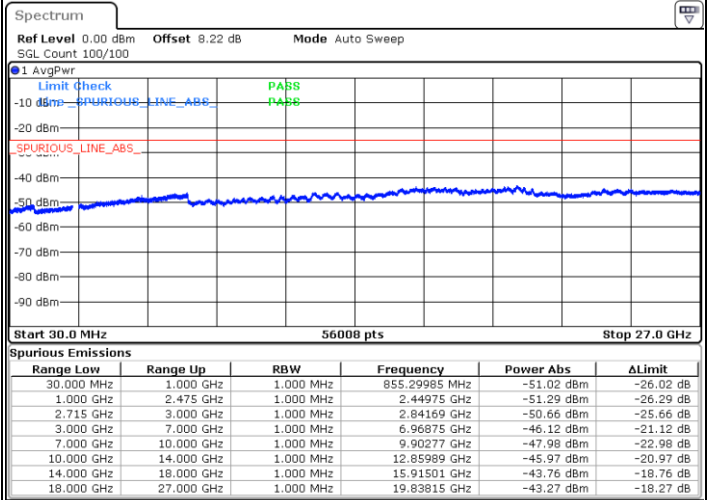
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



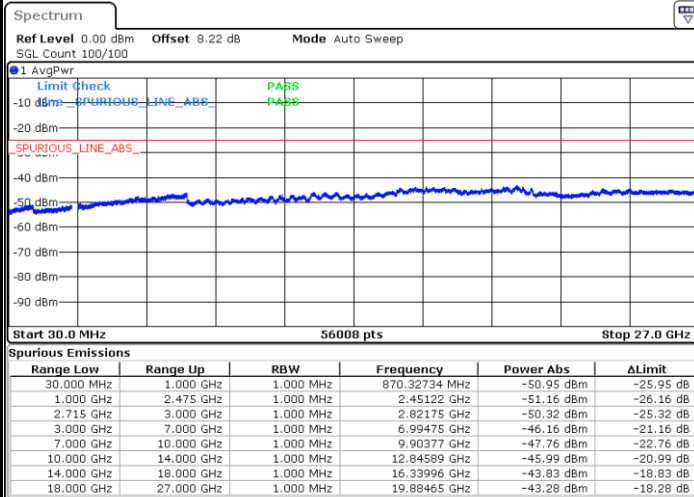
Date: 22 MAY 2020 00:08:22

Middle Channel / 64QAM



Date: 22 MAY 2020 00:09:17

Highest Channel / 64QAM

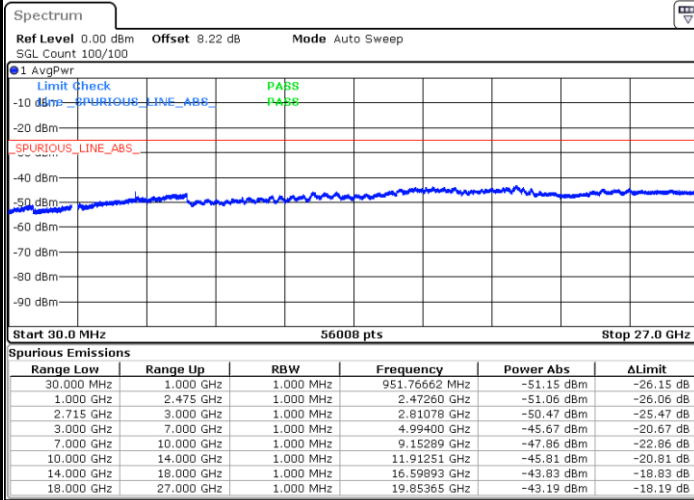


Date: 22 MAY 2020 00:10:11



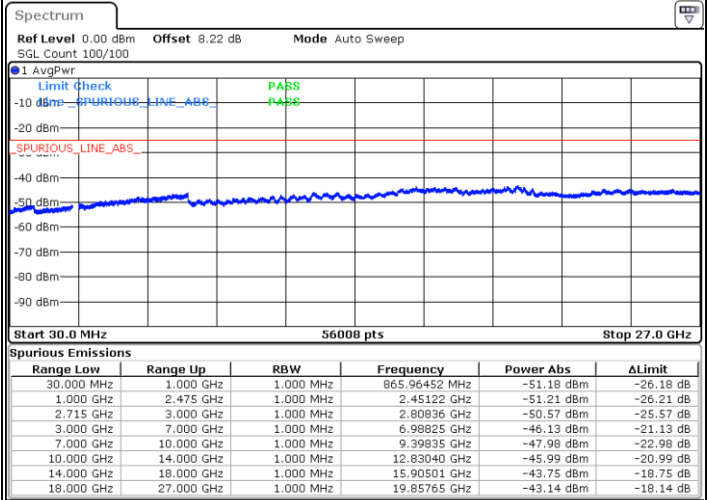
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



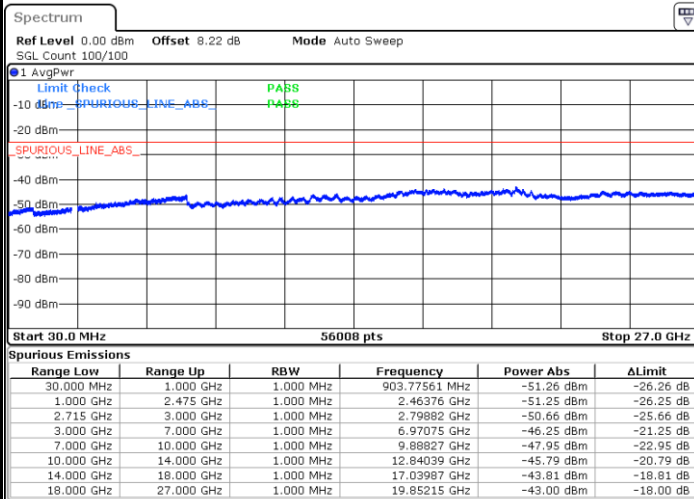
Date: 22 MAY 2020 00:11:06

Middle Channel / 64QAM



Date: 22 MAY 2020 00:12:01

Highest Channel / 64QAM

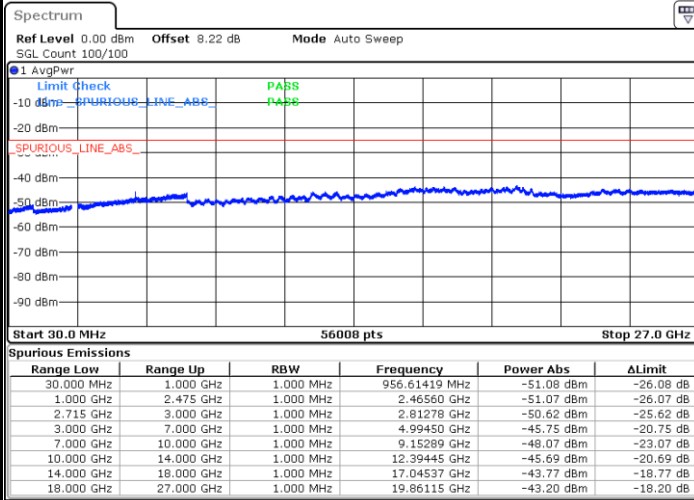


Date: 22 MAY 2020 00:12:56



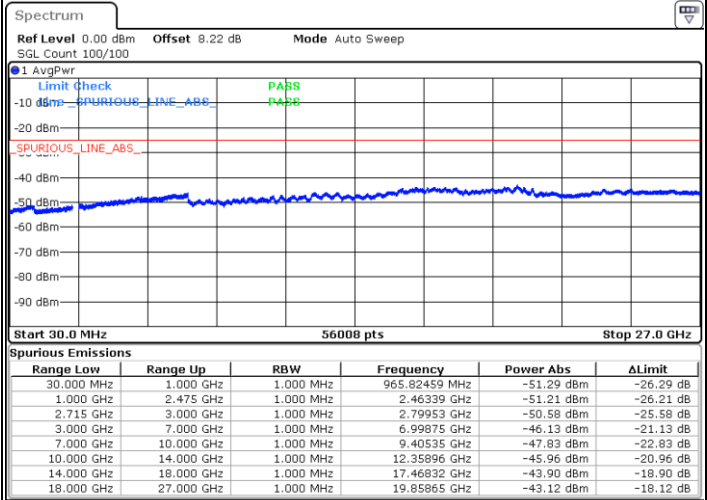
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



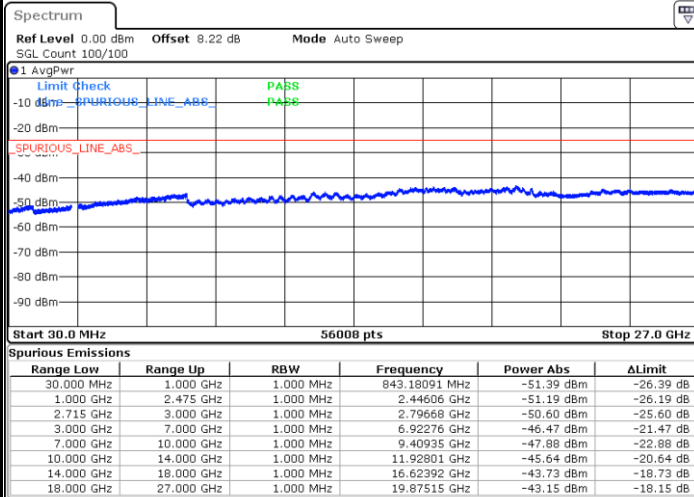
Date: 22 MAY 2020 00:13:50

Middle Channel / 64QAM



Date: 22 MAY 2020 00:14:45

Highest Channel / 64QAM



Date: 22 MAY 2020 00:15:40

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	0.0027	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 V.
2. Note: 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+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.85	-	25.33	30.63
Middle CH	29.79	-	25.38	30.69
Highest CH	29.79	-	25.43	30.57
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	30.09	35.25	39.64
Middle CH	34.97	30.09	35.18	40.12
Highest CH	34.97	30.09	35.25	39.80

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.85	-	25.23	30.51
Middle CH	29.85	-	25.33	30.63
Highest CH	29.85	-	25.23	30.51
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	30.09	35.11	39.80
Middle CH	35.11	30.03	35.04	39.56
Highest CH	34.76	29.97	35.11	39.80

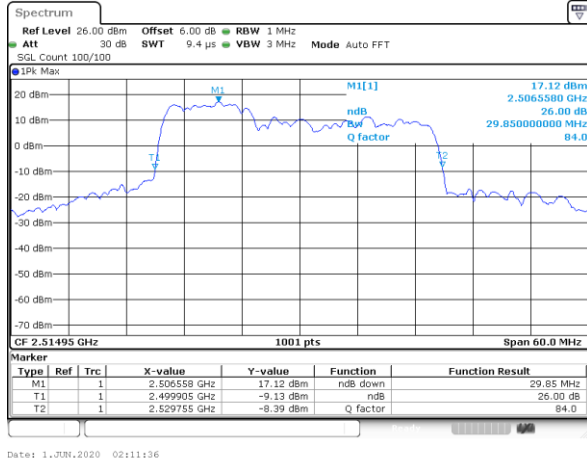
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	29.97	-	25.13	30.57
Middle CH	29.85	-	25.23	30.63
Highest CH	29.73	-	25.48	30.63
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	30.09	34.97	39.96
Middle CH	34.76	30.15	35.04	39.80
Highest CH	34.69	30.09	35.25	39.80



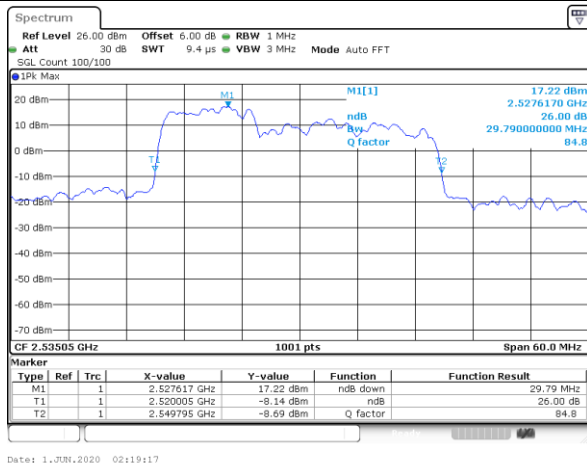
LTE Band 7C

QPSK

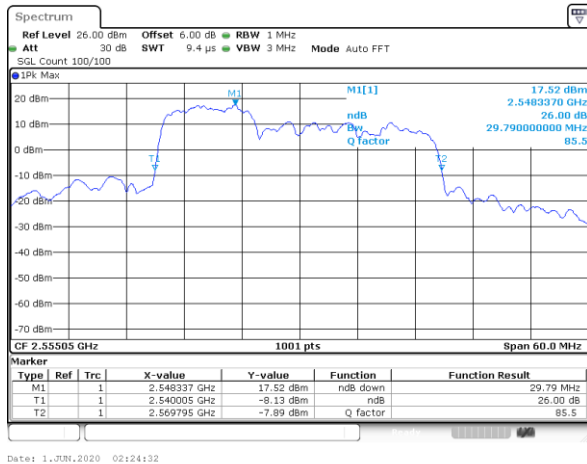
Lowest Channel / 10MHz+20MHz



Middle Channel / 10MHz+20MHz



Highest Channel / 10MHz+20MHz

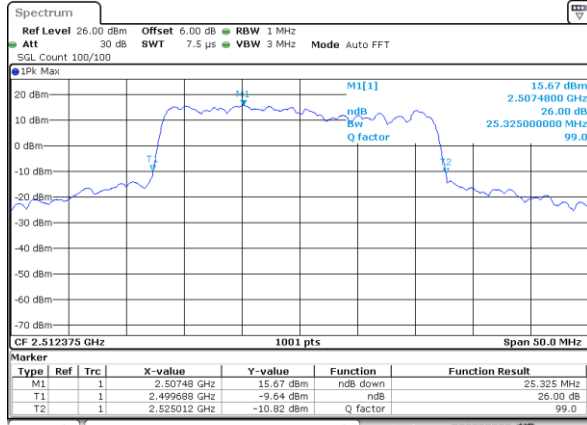




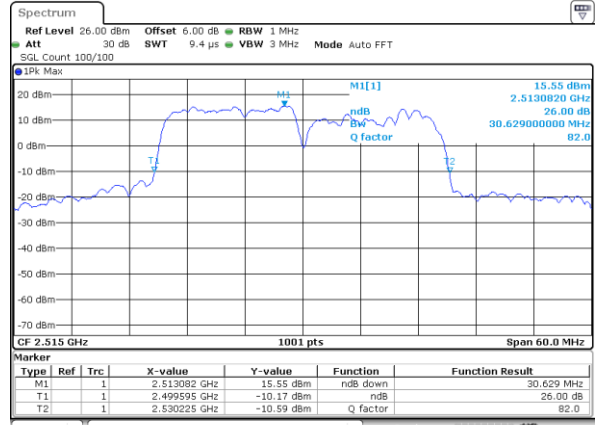
LTE Band 7C

QPSK

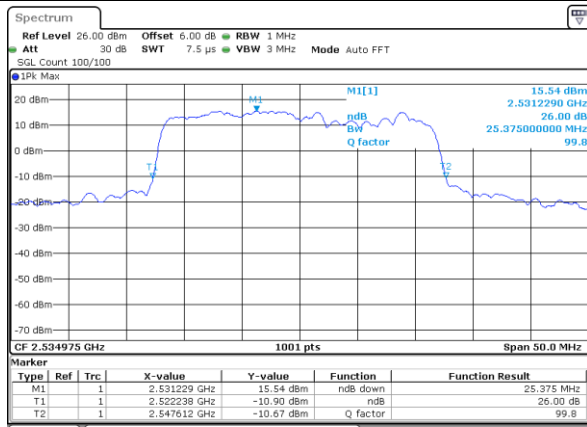
Lowest Channel / 15MHz+10MHz



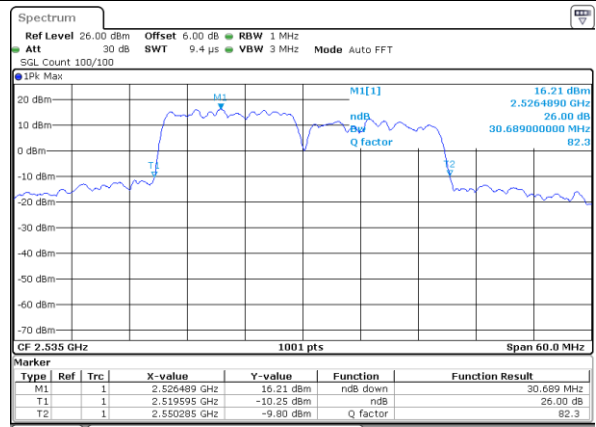
Lowest Channel / 15MHz+15MHz



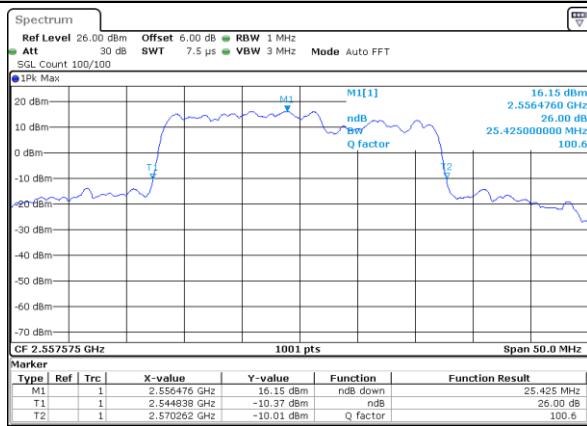
Middle Channel / 15MHz+10MHz



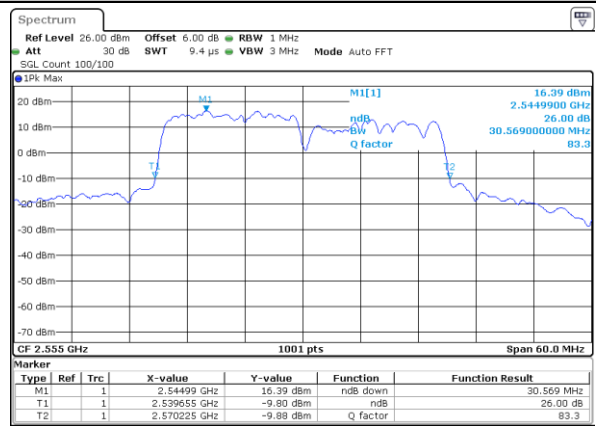
Middle Channel / 15MHz+15MHz



Highest Channel / 15MHz+10MHz



Highest Channel / 15MHz+15MHz





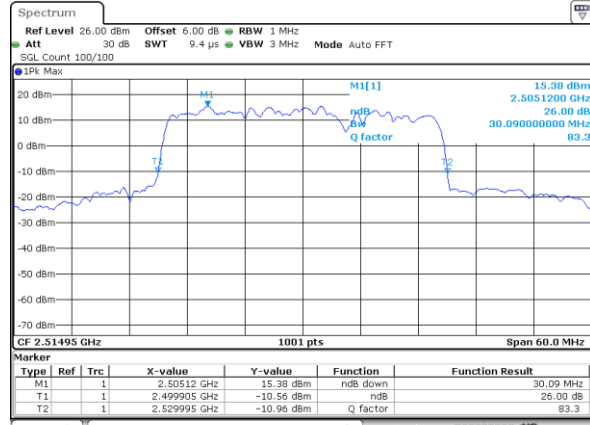
LTE Band 7C

QPSK

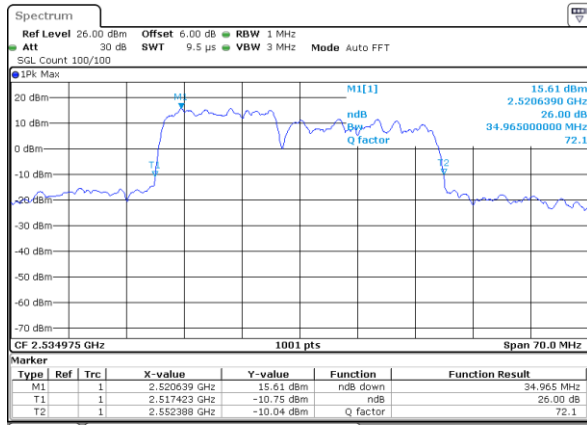
Lowest Channel / 15MHz+20MHz



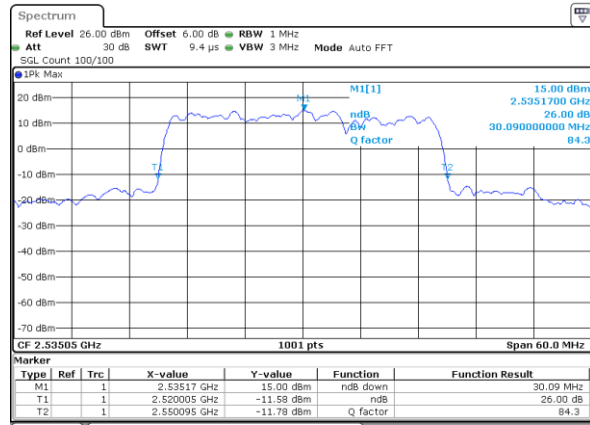
Lowest Channel / 20MHz+10MHz



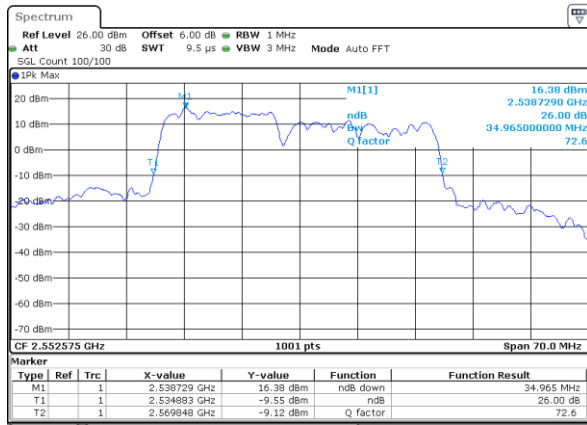
Middle Channel / 15MHz+20MHz



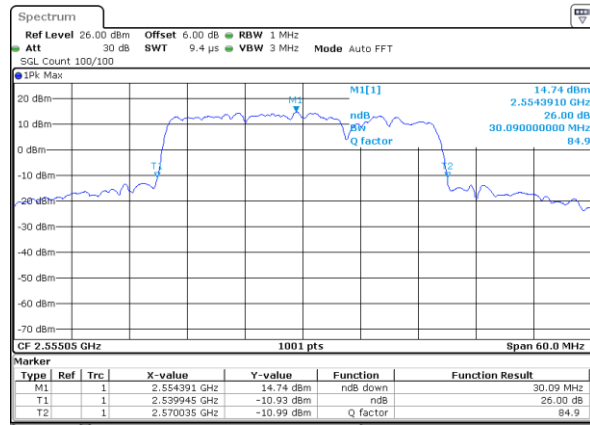
Middle Channel / 20MHz+10MHz



Highest Channel / 15MHz+20MHz



Highest Channel / 20MHz+10MHz

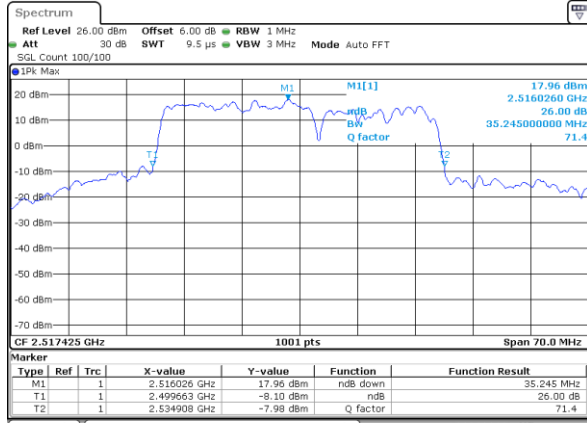




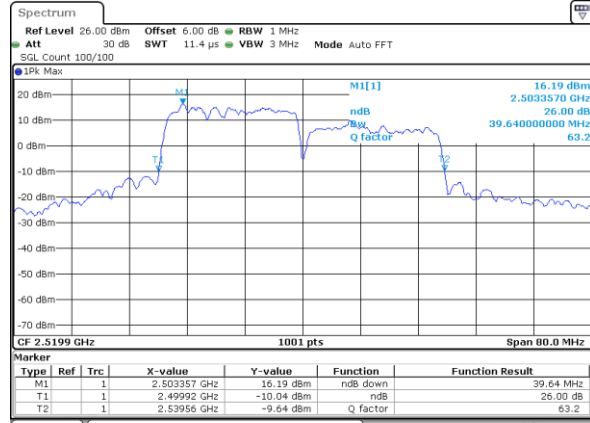
LTE Band 7C

QPSK

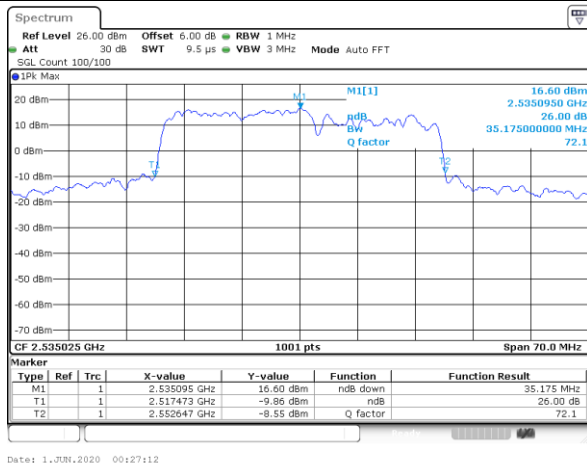
Lowest Channel / 20MHz+15MHz



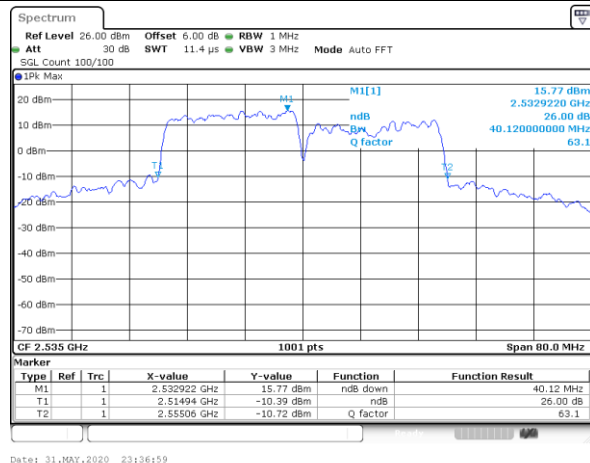
Lowest Channel / 20MHz+20MHz



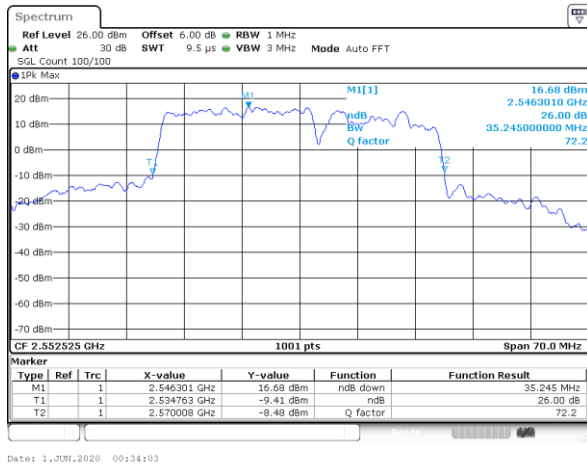
Middle Channel / 20MHz+15MHz



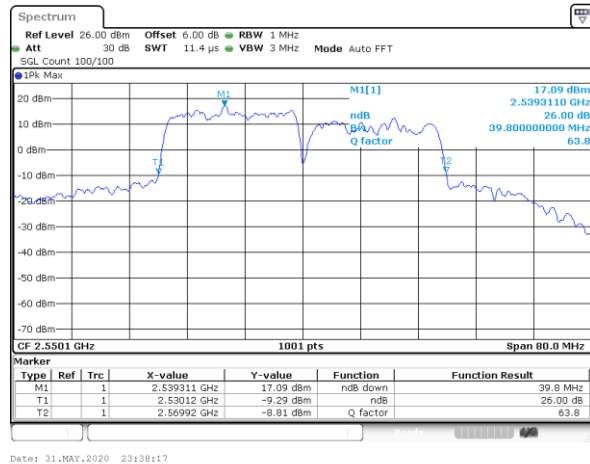
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz

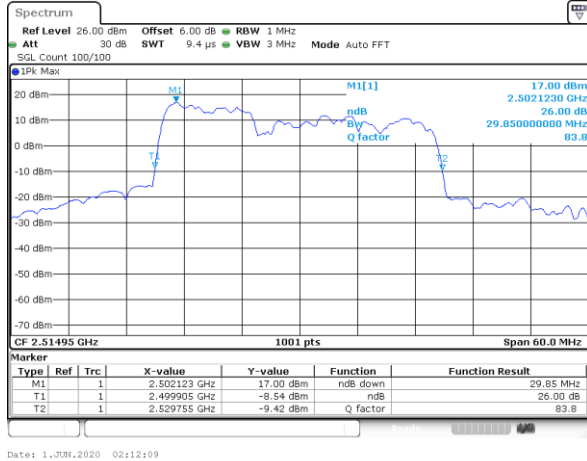




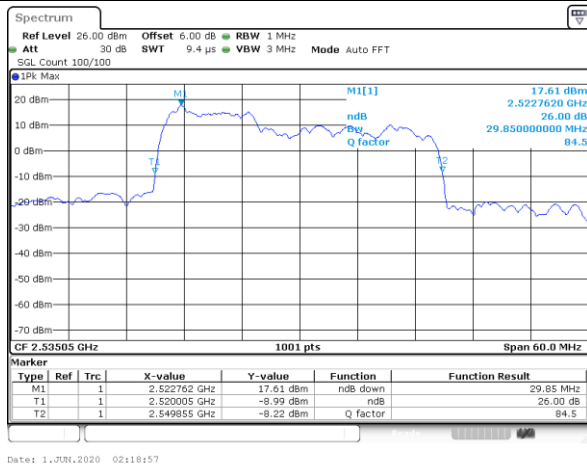
LTE Band 7C

16QAM

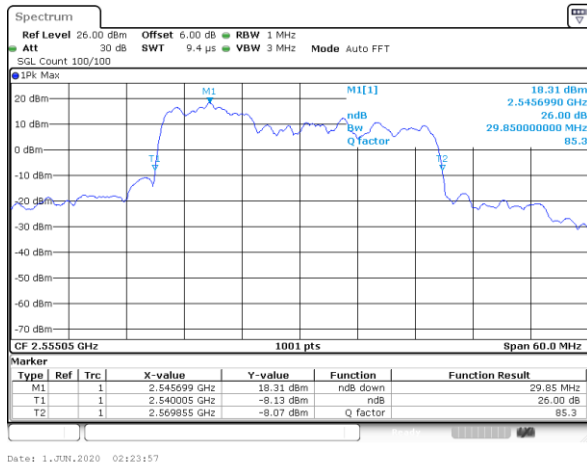
Lowest Channel / 10MHz+20MHz



Middle Channel / 10MHz+20MHz



Highest Channel / 10MHz+20MHz

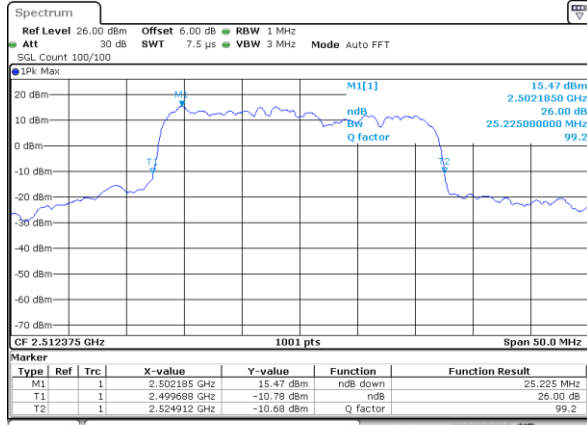




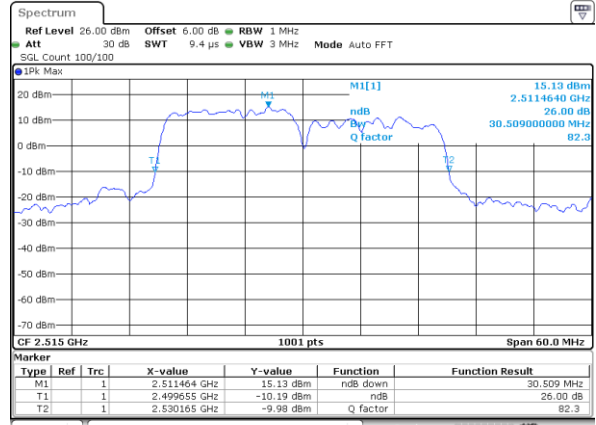
LTE Band 7C

16QAM

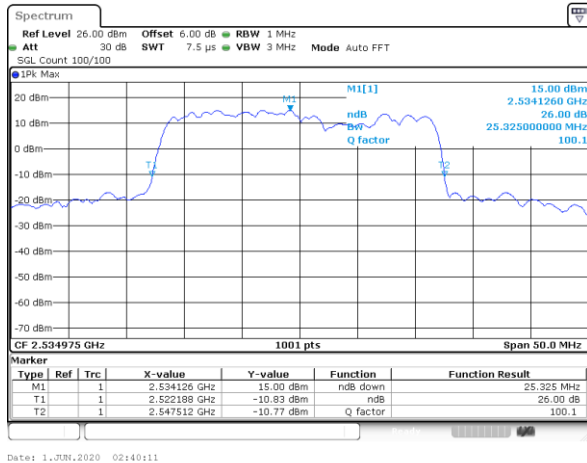
Lowest Channel / 15MHz+10MHz



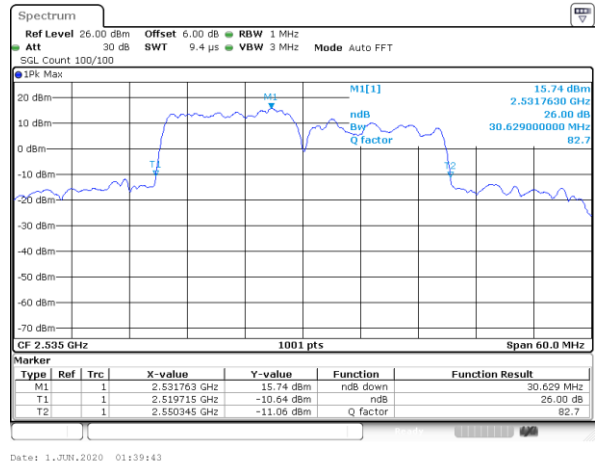
Lowest Channel / 15MHz+15MHz



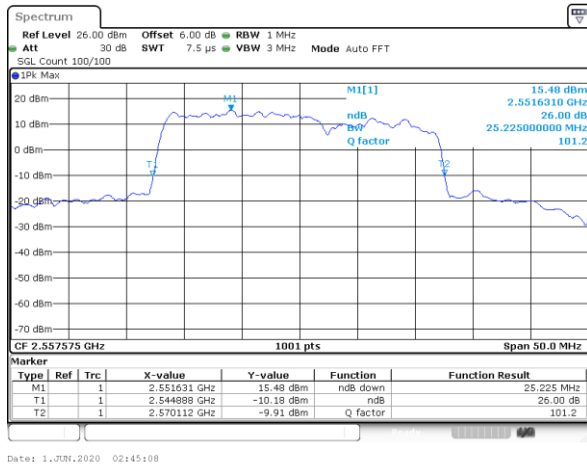
Middle Channel / 15MHz+10MHz



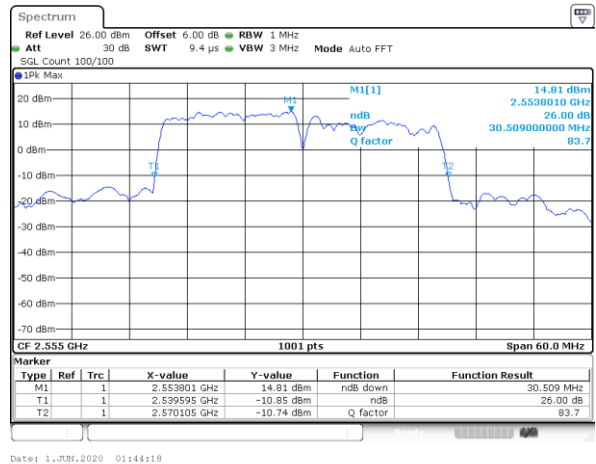
Middle Channel / 15MHz+15MHz



Highest Channel / 15MHz+10MHz



Highest Channel / 15MHz+15MHz

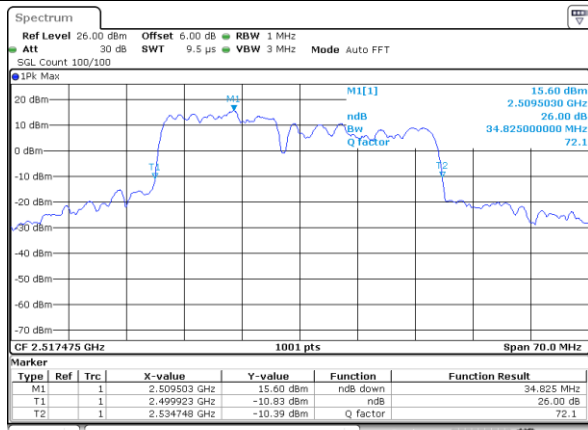




LTE Band 7C

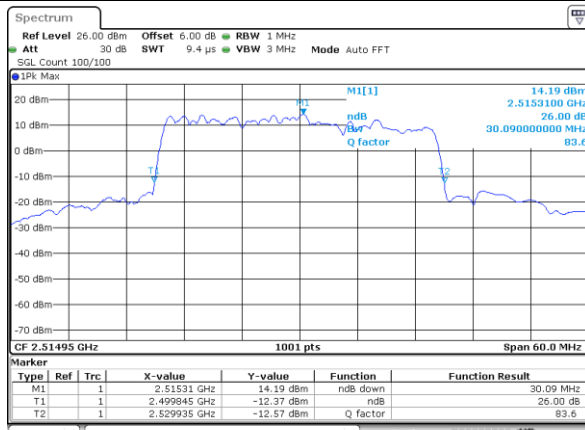
16QAM

Lowest Channel / 15MHz+20MHz



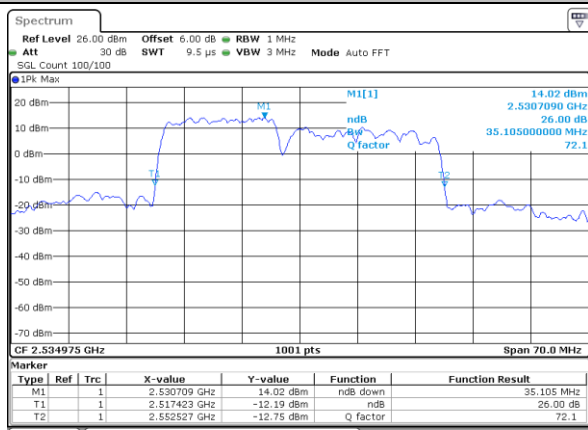
Date: 1.JUN.2020 00:45:23

Lowest Channel / 20MHz+10MHz



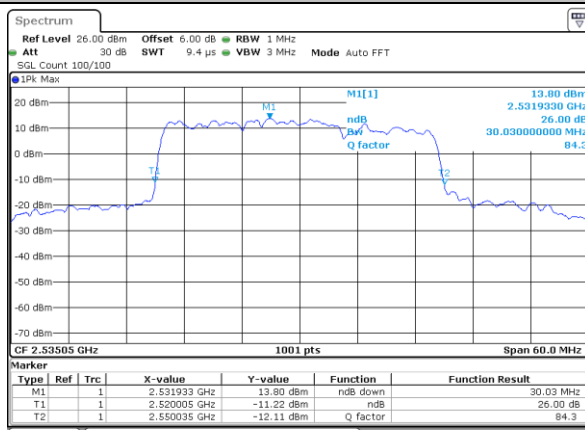
Date: 1.JUN.2020 01:53:29

Middle Channel / 15MHz+20MHz



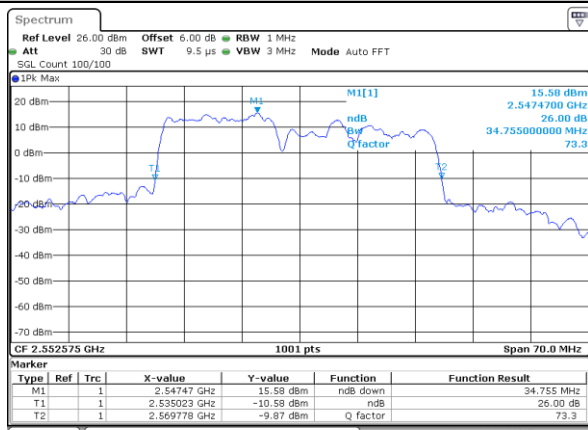
Date: 1.JUN.2020 00:56:08

Middle Channel / 20MHz+10MHz



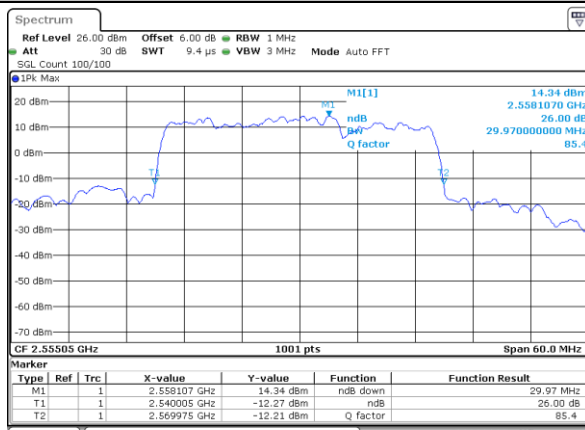
Date: 1.JUN.2020 02:00:04

Highest Channel / 15MHz+20MHz



Date: 1.JUN.2020 01:09:27

Highest Channel / 20MHz+10MHz



Date: 1.JUN.2020 02:04:27