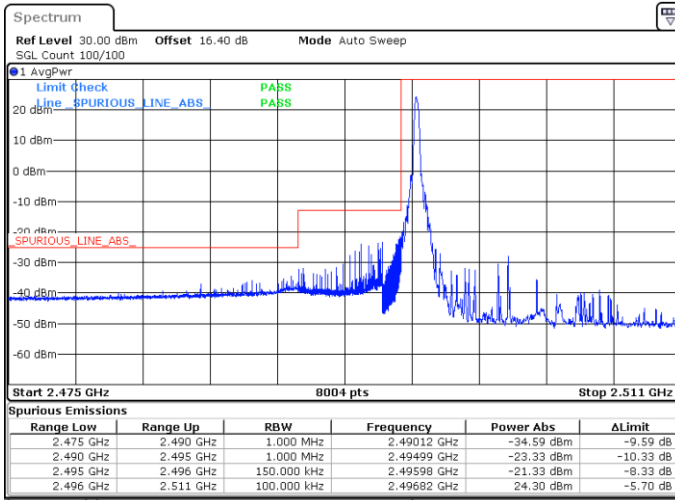


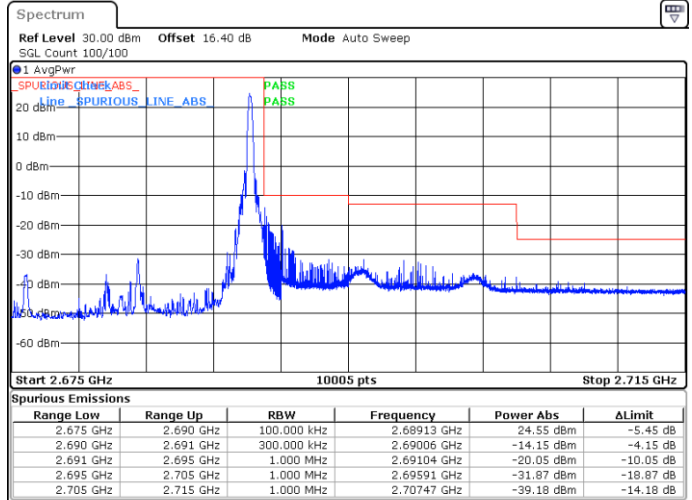


LTE Band 41 / 15MHz / 16QAM

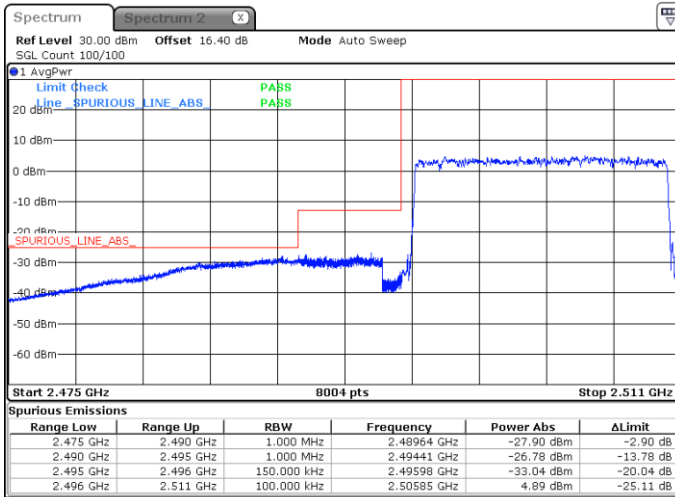
Lowest Band Edge / 1 RB



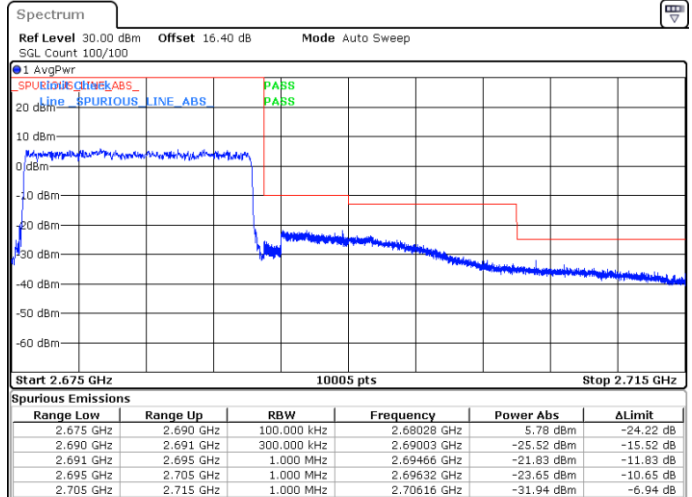
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



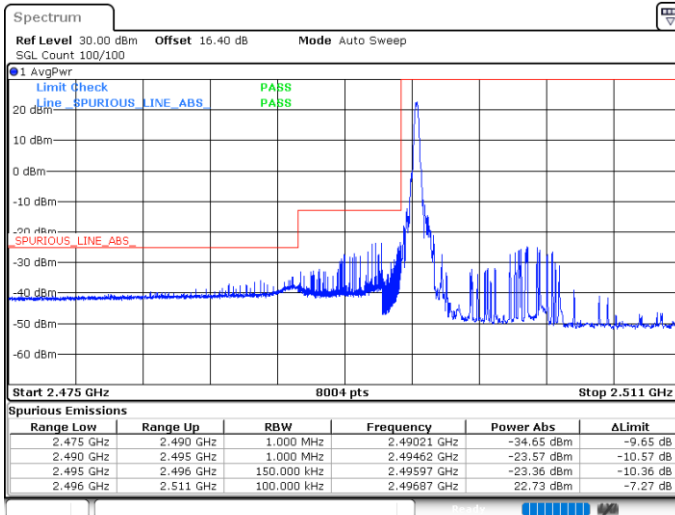
Highest Band Edge / Full RB



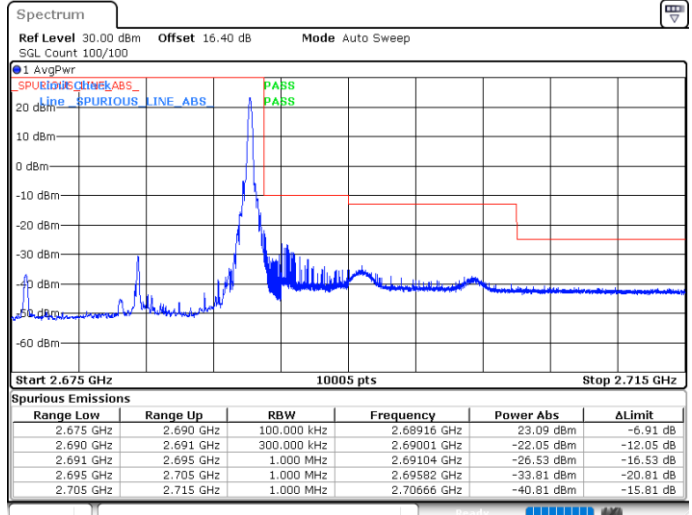


LTE Band 41 / 15MHz / 64QAM

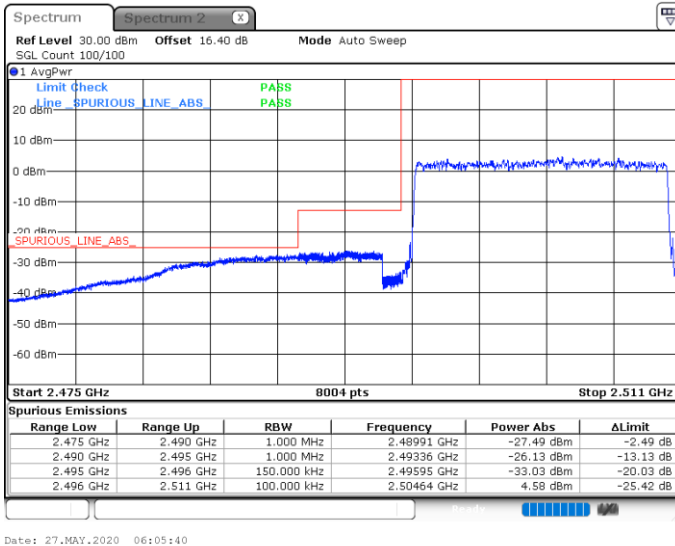
Lowest Band Edge / 1 RB



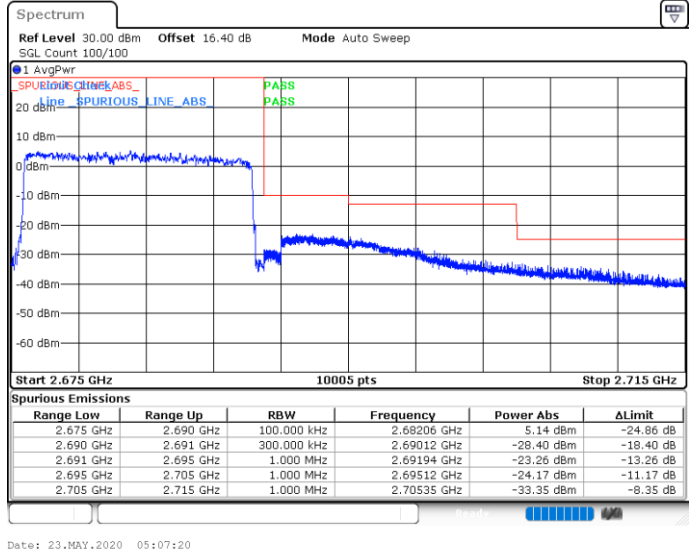
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

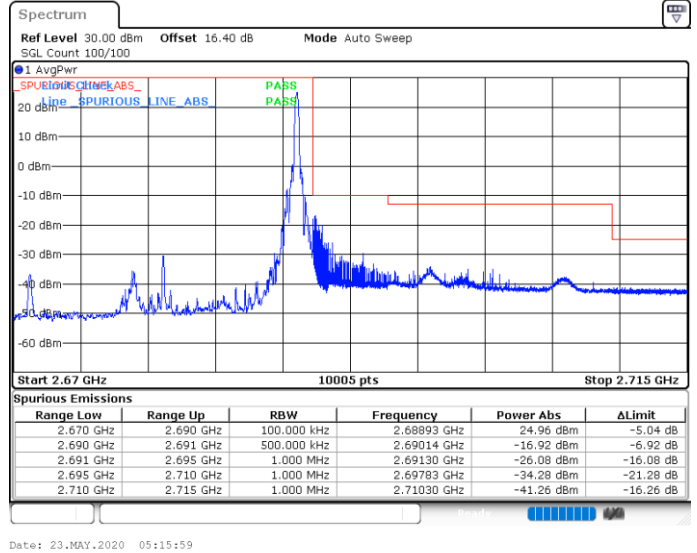
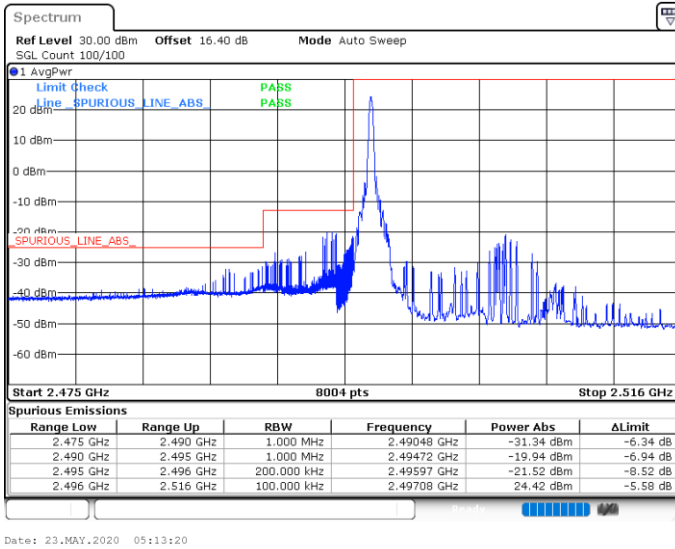




LTE Band 41 / 20MHz / QPSK

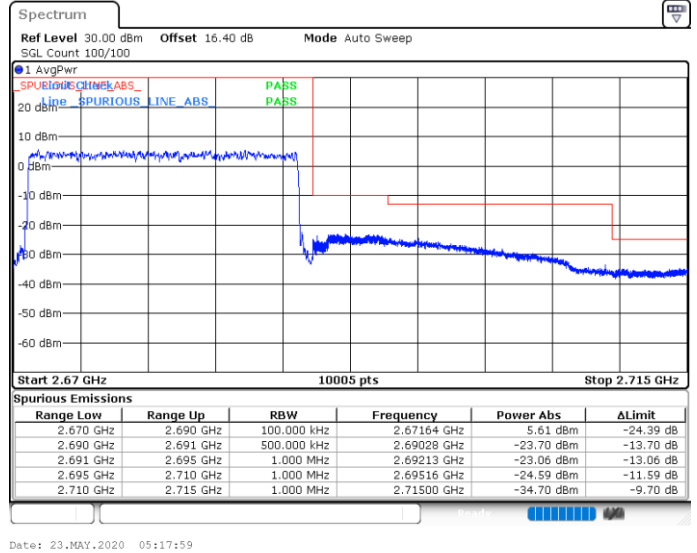
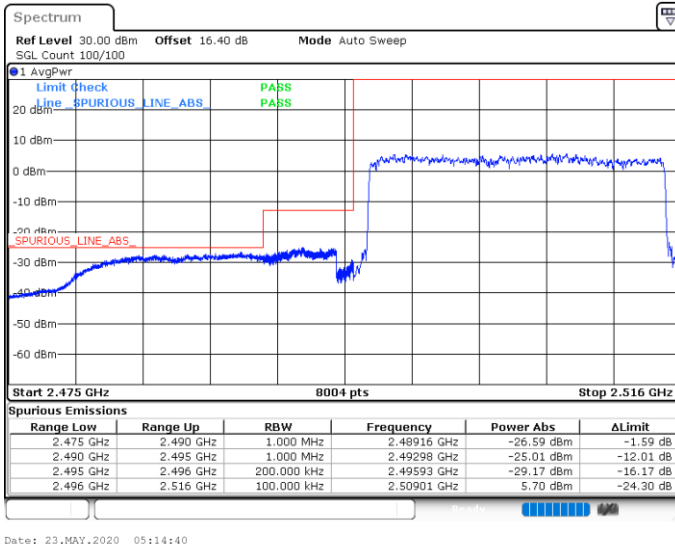
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

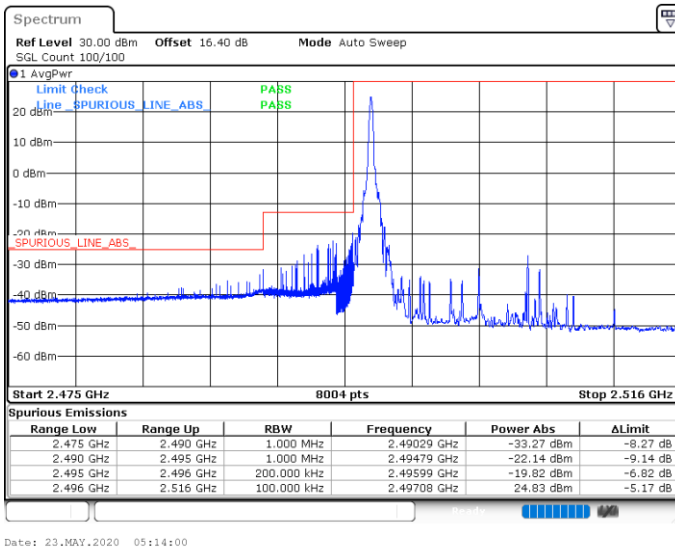
Highest Band Edge / Full RB



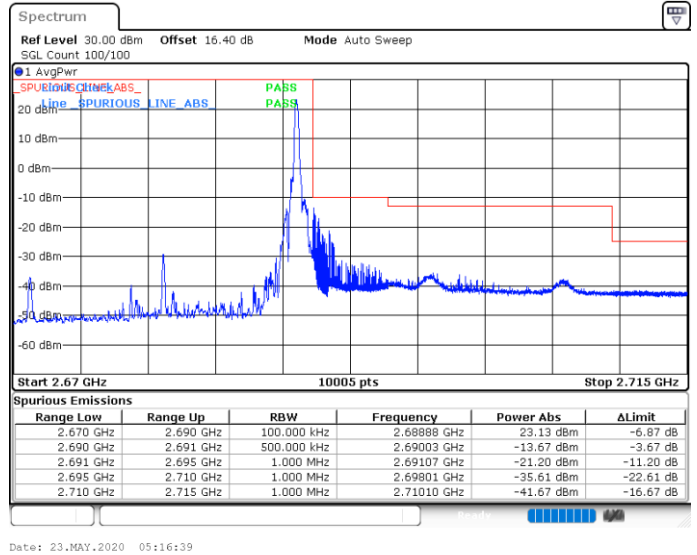


LTE Band 41 / 20MHz / 16QAM

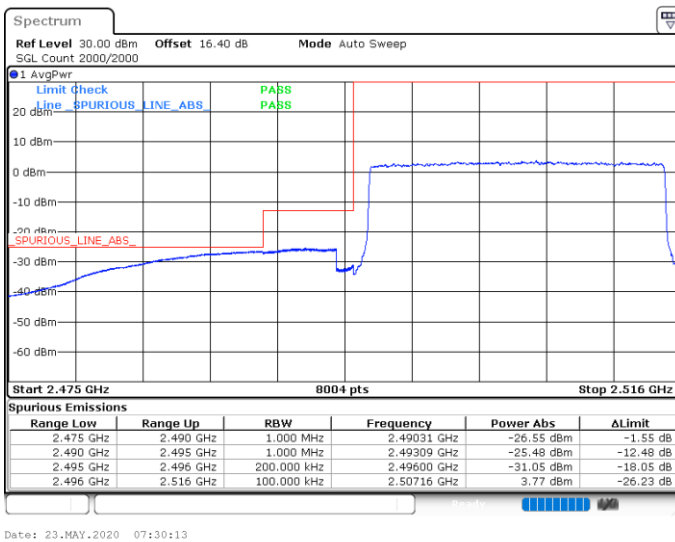
Lowest Band Edge / 1 RB



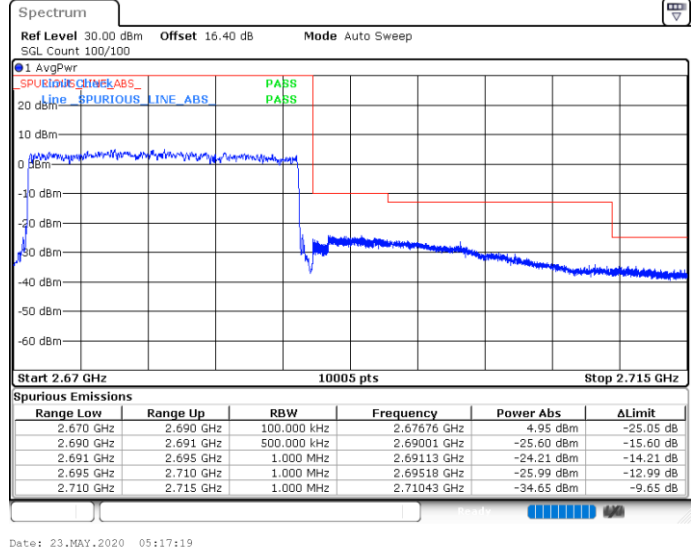
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



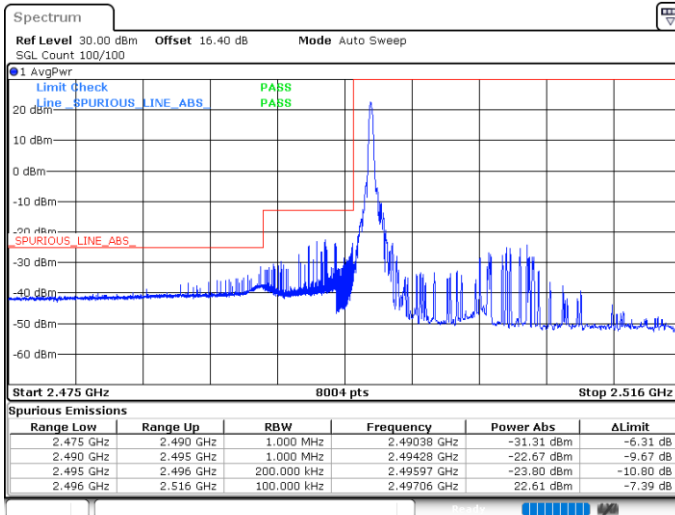
Highest Band Edge / Full RB



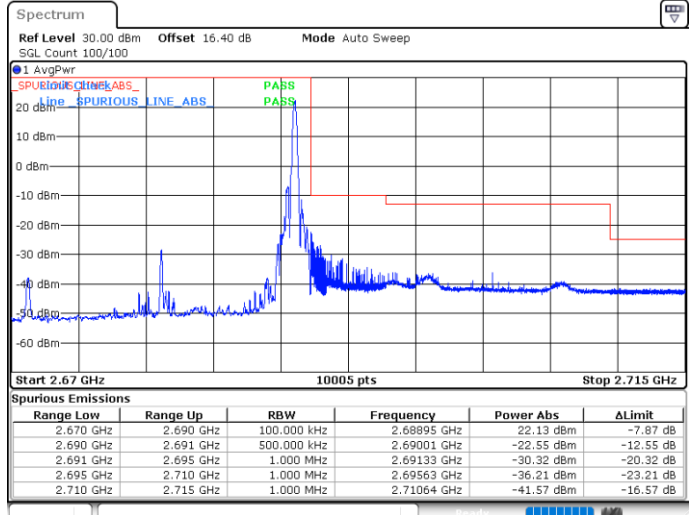


LTE Band 41 / 20MHz / 64QAM

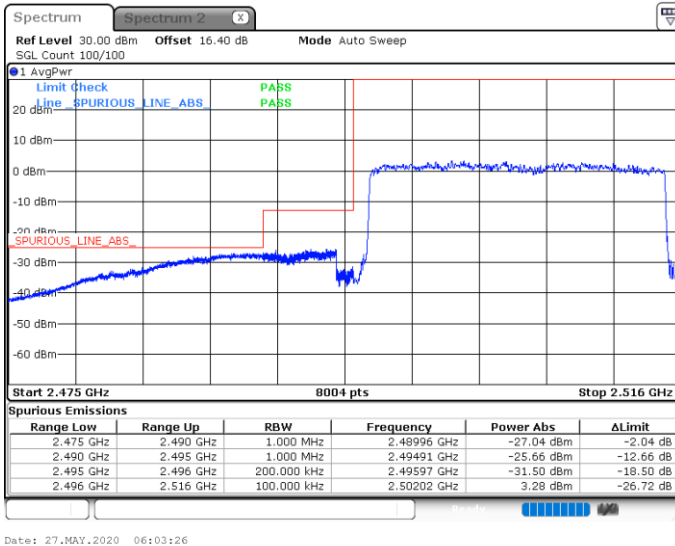
Lowest Band Edge / 1 RB



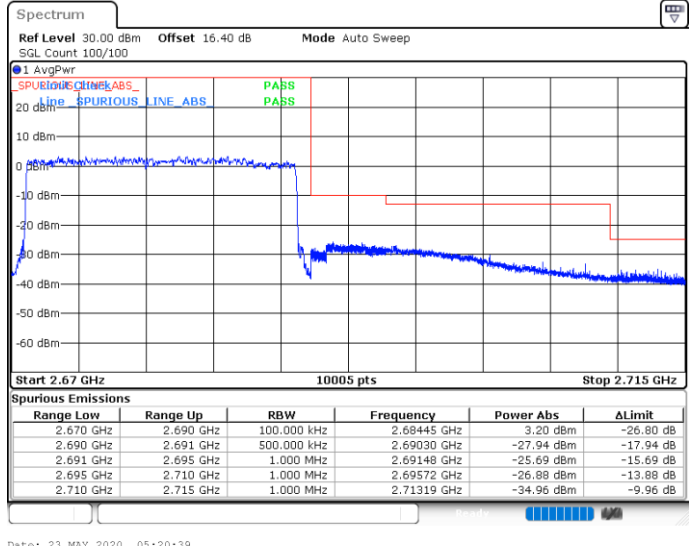
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

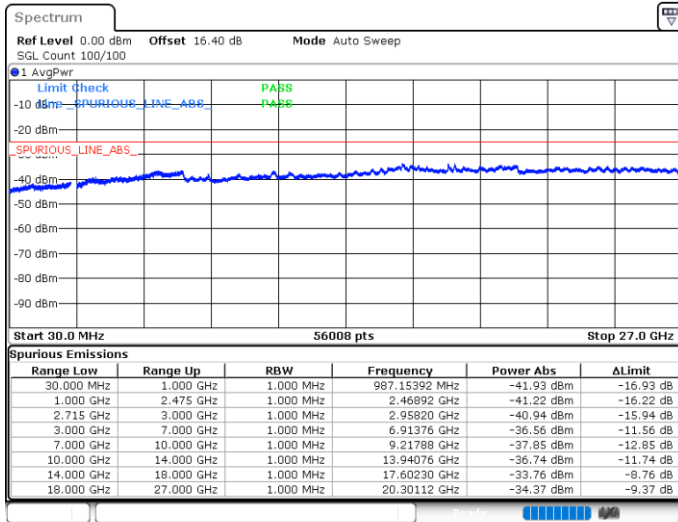




Conducted Spurious Emission

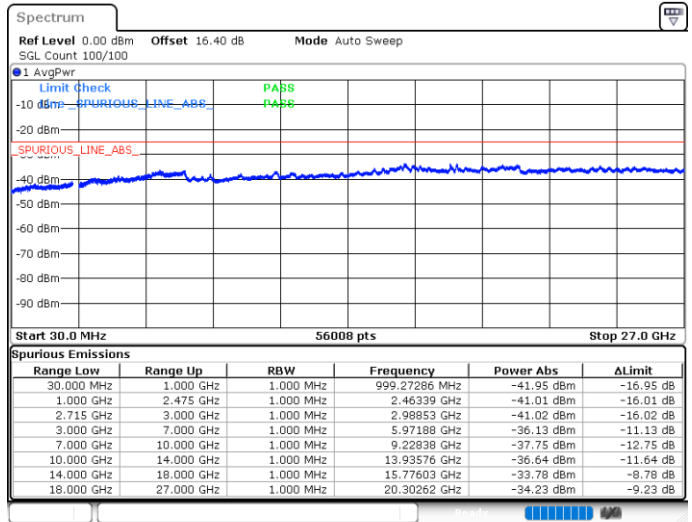
LTE Band 41 / 5MHz

Lowest Channel / QPSK



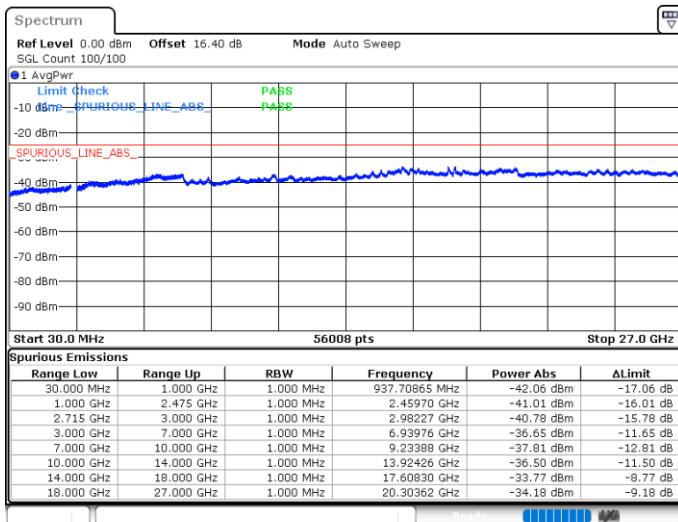
Date: 23.MAY.2020 05:24:01

Lowest Channel / 16QAM



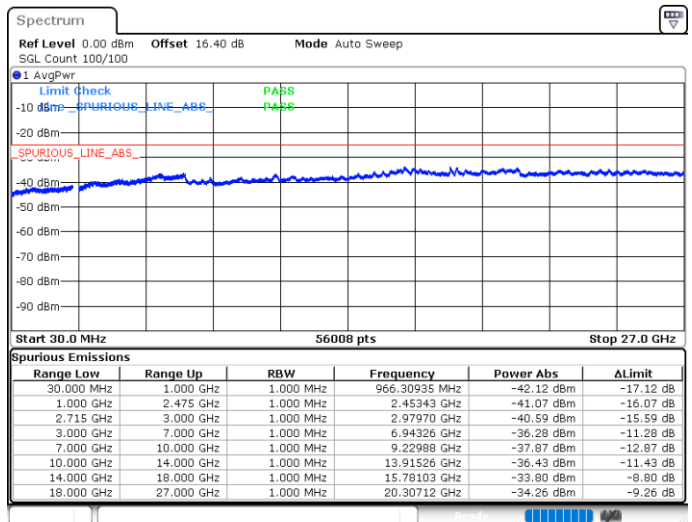
Date: 23.MAY.2020 05:24:52

Middle Channel / QPSK



Date: 23.MAY.2020 05:25:43

Middle Channel / 16QAM

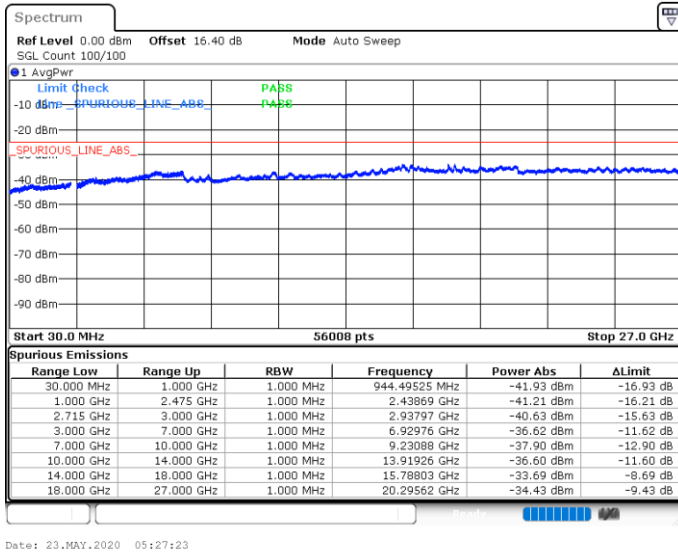


Date: 23.MAY.2020 05:26:33

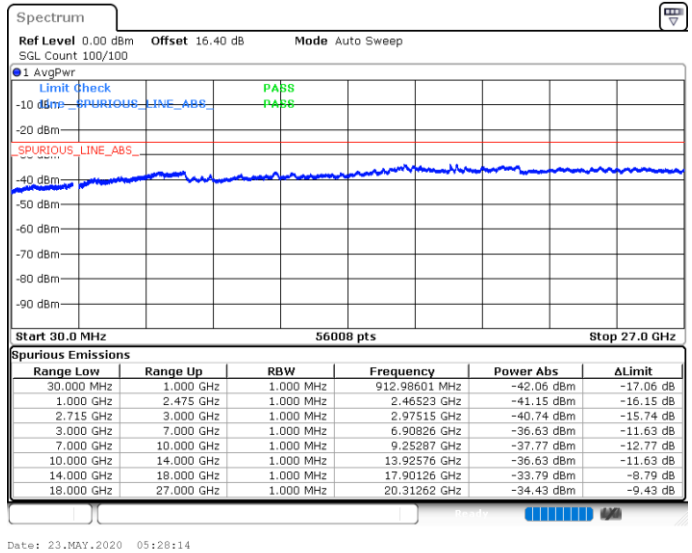


LTE Band 41 / 5MHz

Highest Channel / QPSK

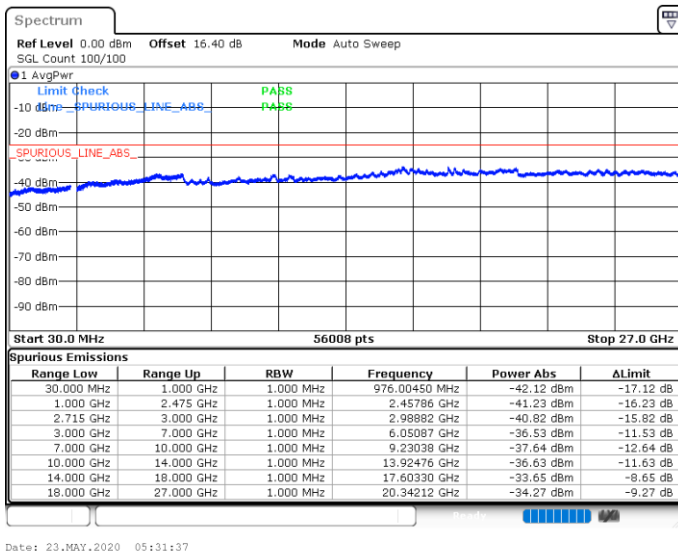


Highest Channel / 16QAM

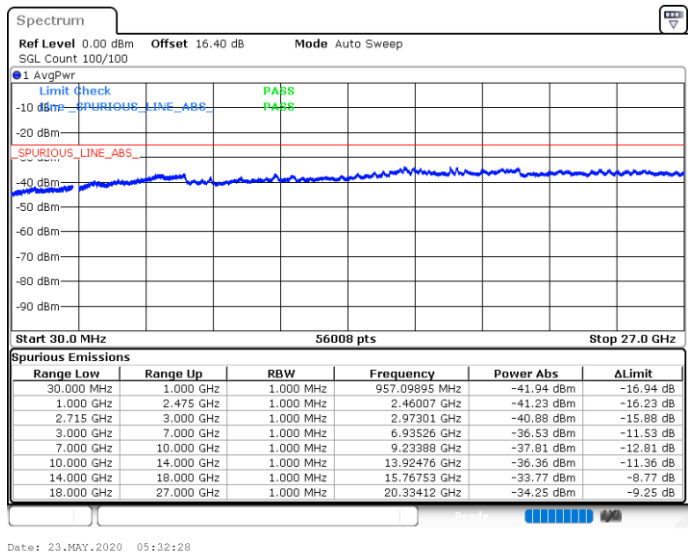


LTE Band 41 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

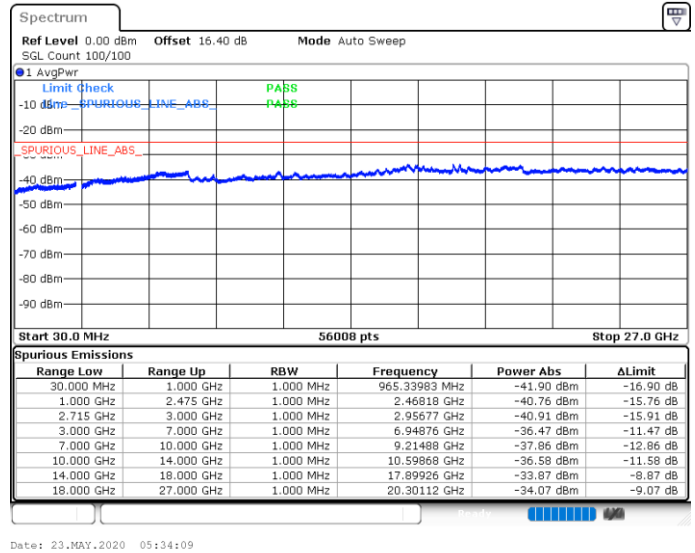
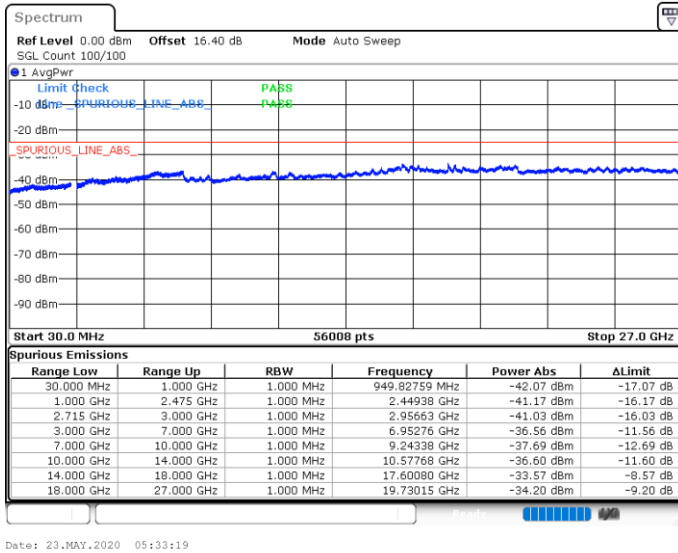




LTE Band 41 / 10MHz

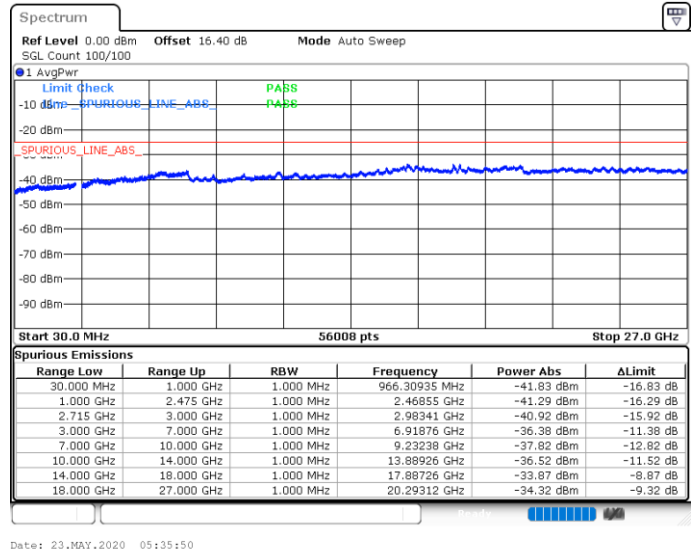
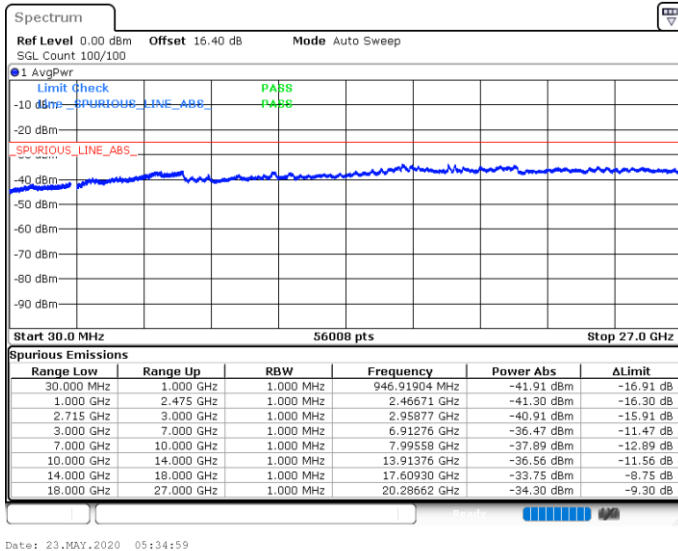
Middle Channel / QPSK

Middle Channel / 16QAM



Highest Channel / QPSK

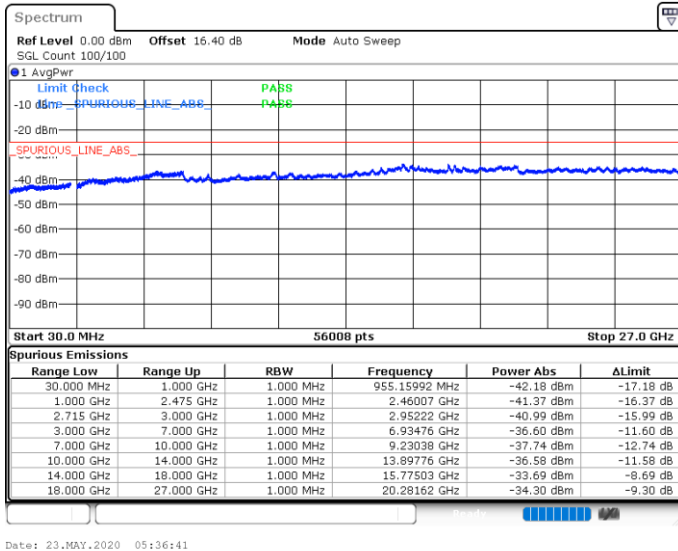
Highest Channel / 16QAM



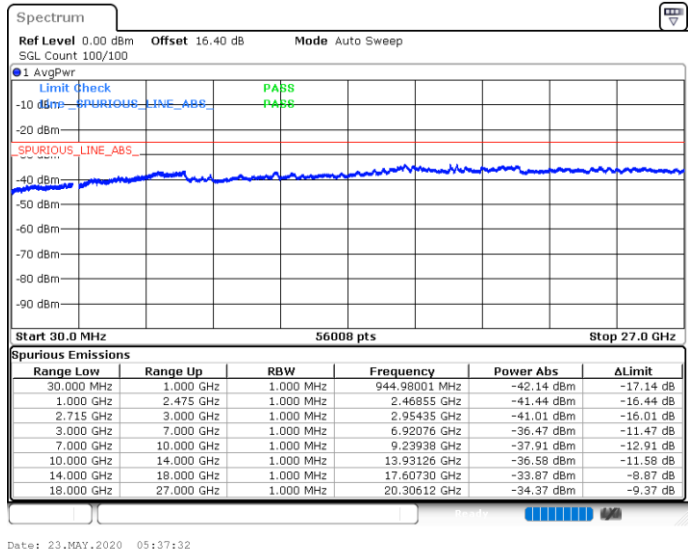


LTE Band 41 / 15MHz

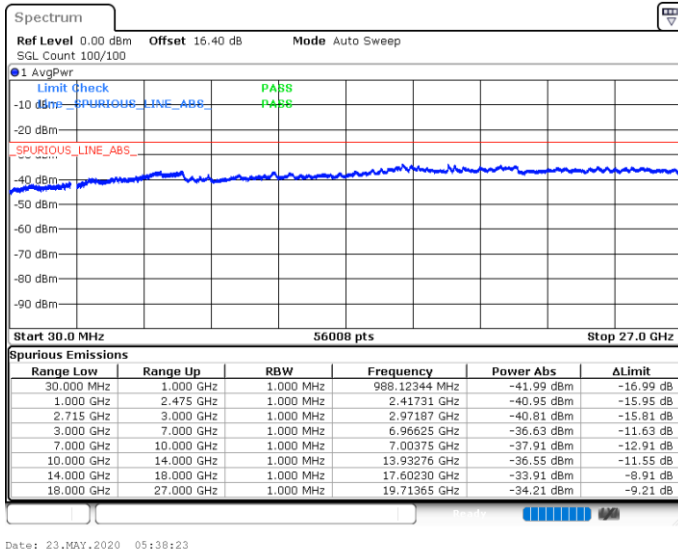
Lowest Channel / QPSK



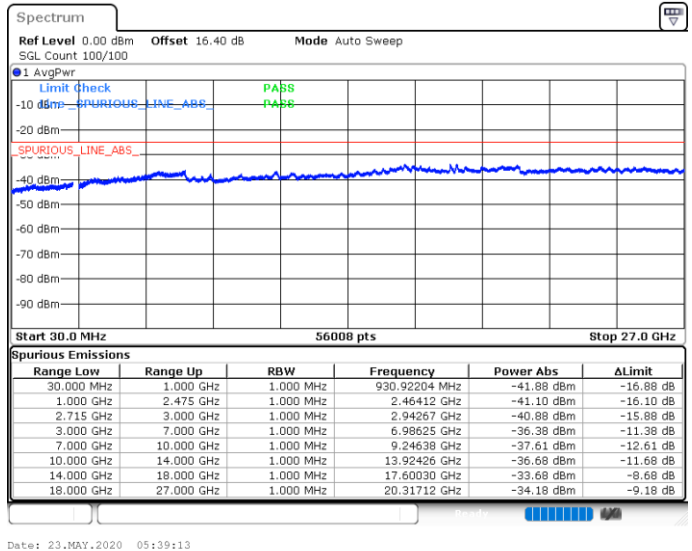
Lowest Channel / 16QAM



Middle Channel / QPSK



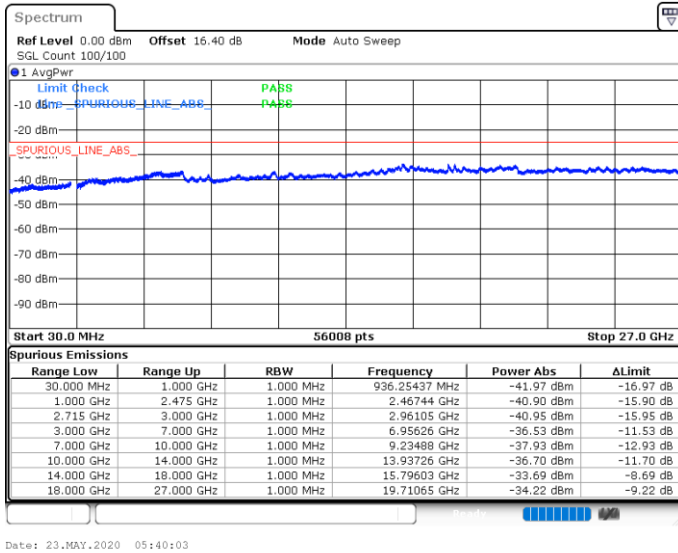
Middle Channel / 16QAM



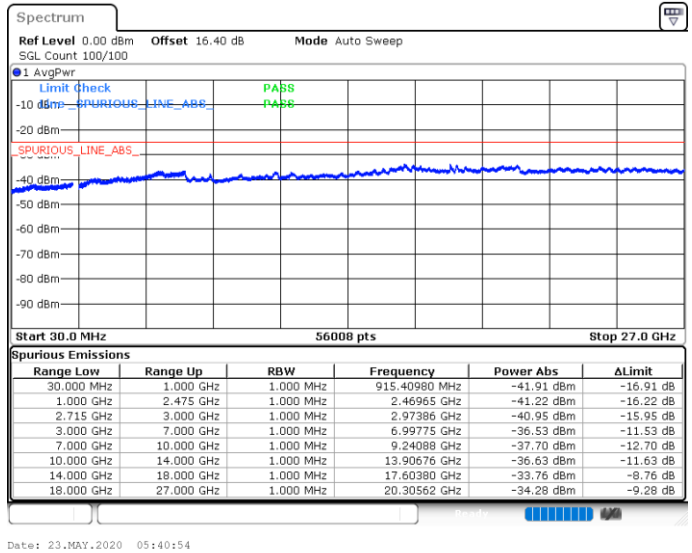


LTE Band 41 / 15MHz

Highest Channel / QPSK

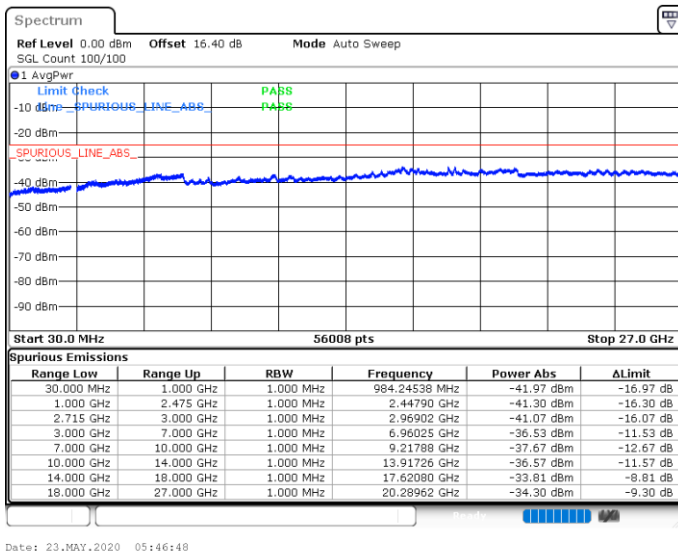


Highest Channel / 16QAM

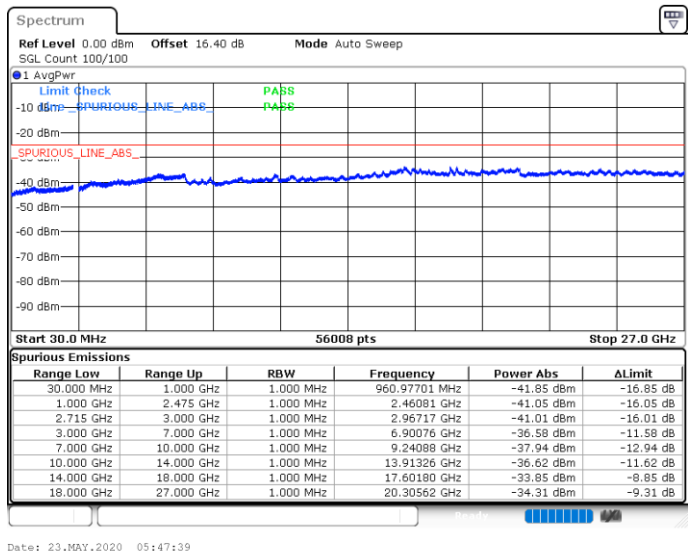


LTE Band 41 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

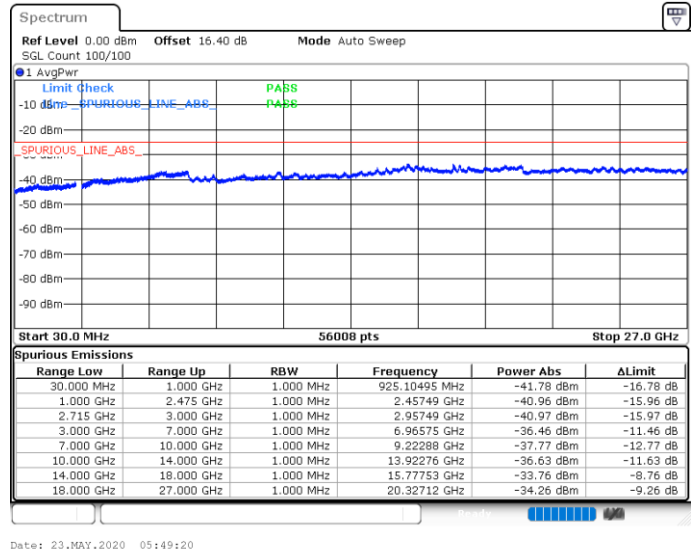
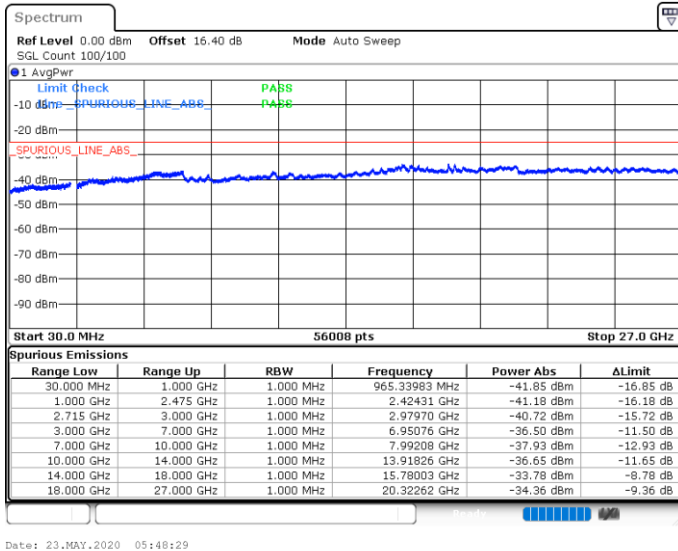




LTE Band 41 / 20MHz

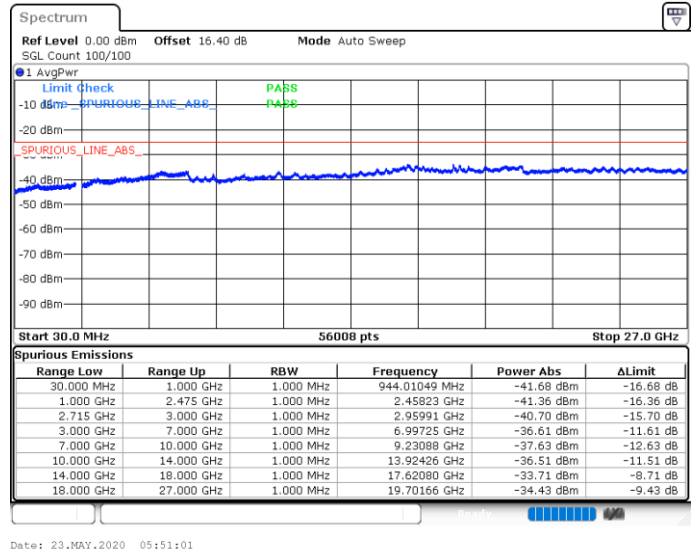
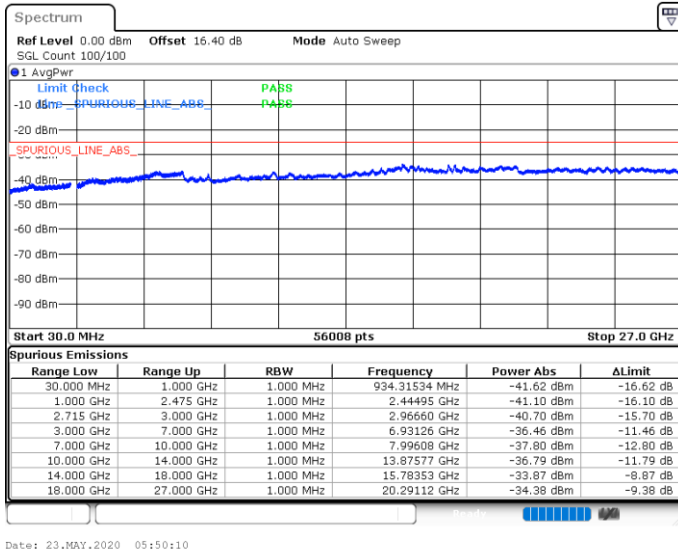
Middle Channel / QPSK

Middle Channel / 16QAM



Highest Channel / QPSK

Highest Channel / 16QAM

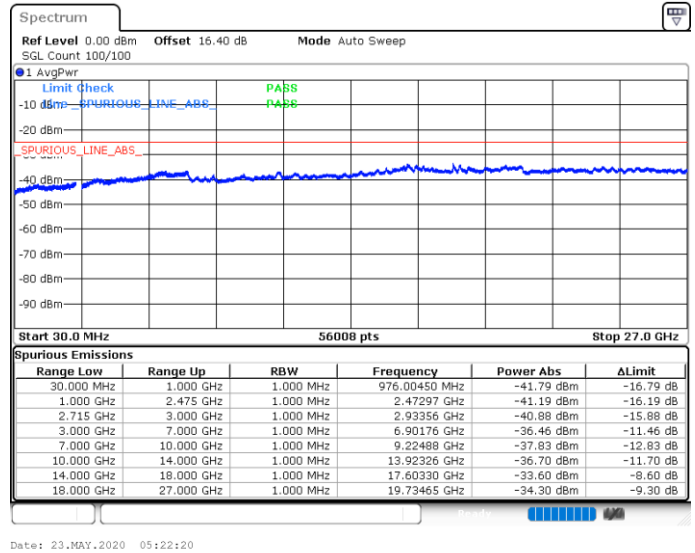
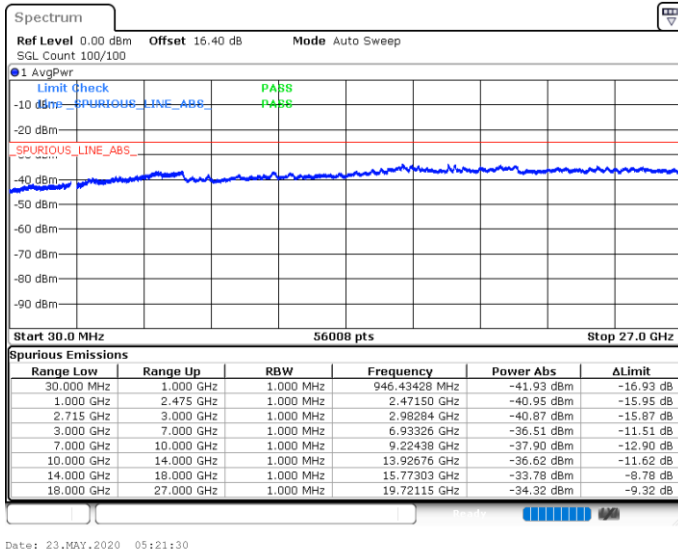




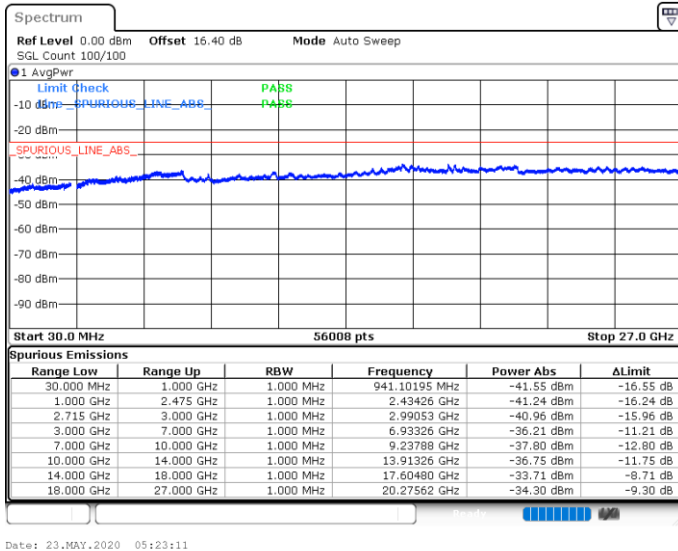
LTE Band 41 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

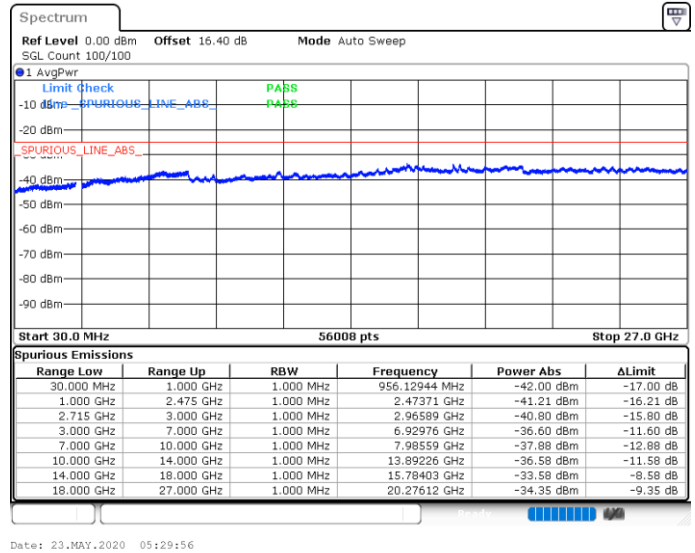
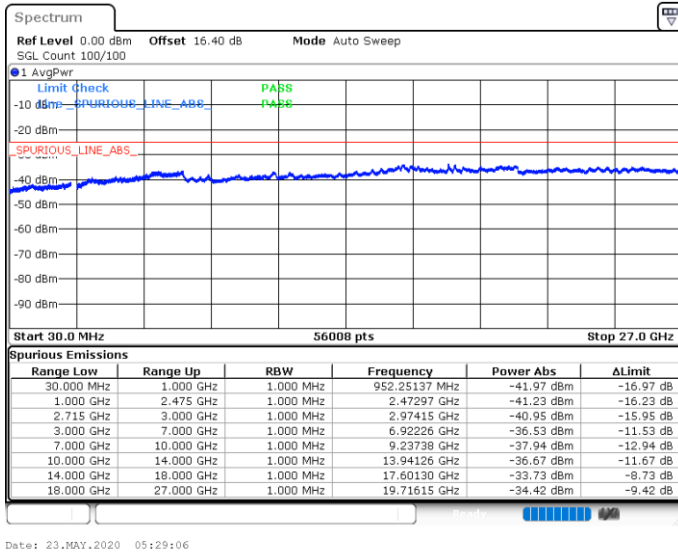




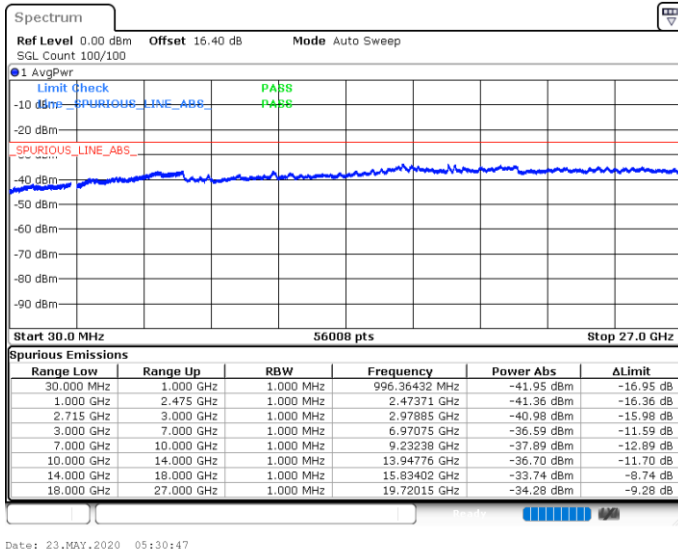
LTE Band 41 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

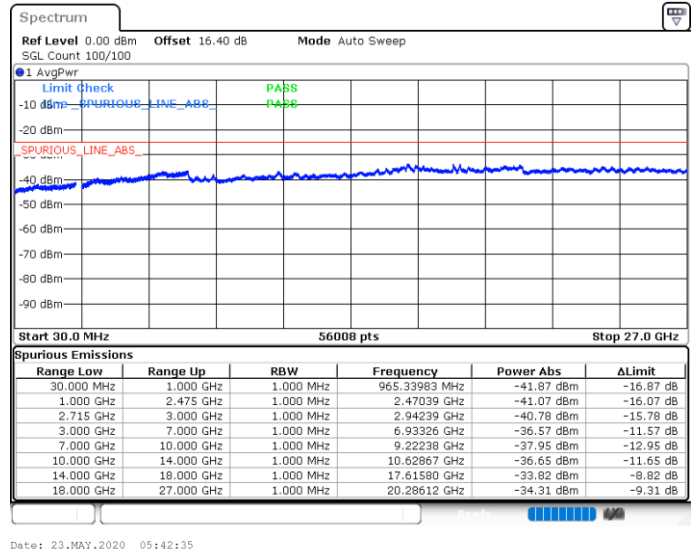
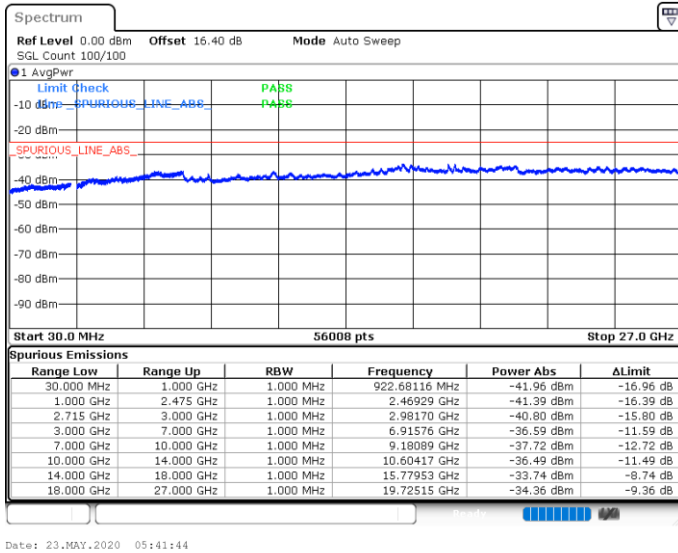




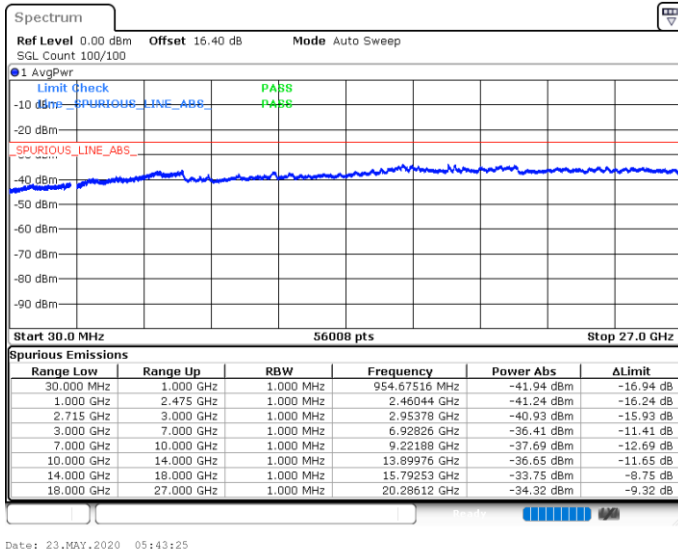
LTE Band 41 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

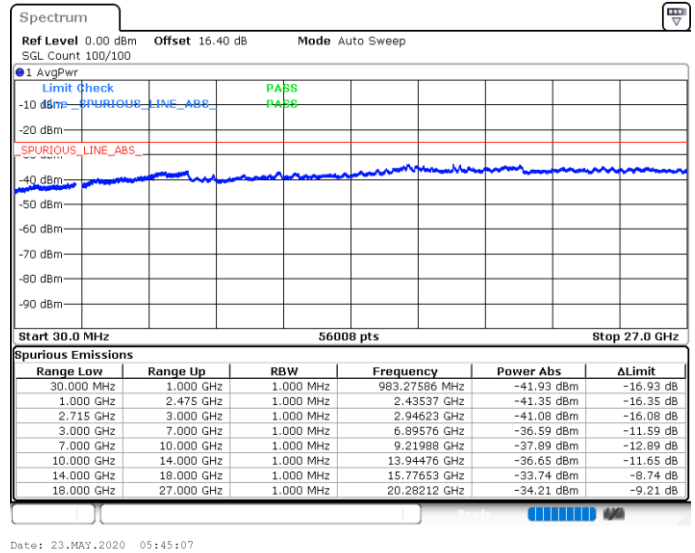
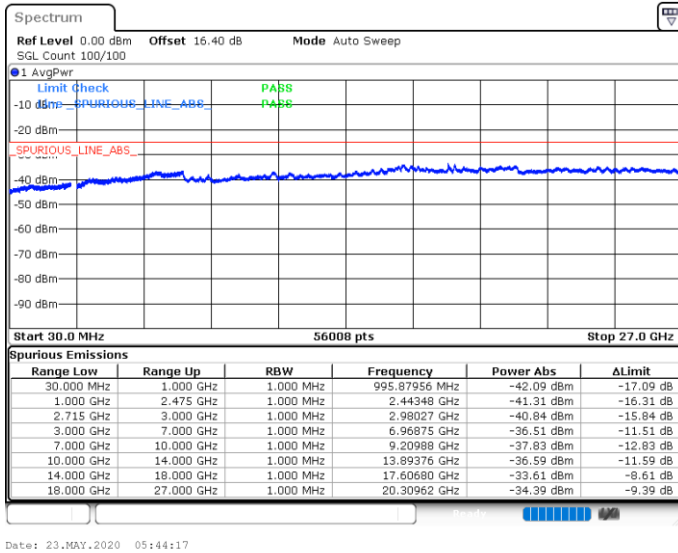




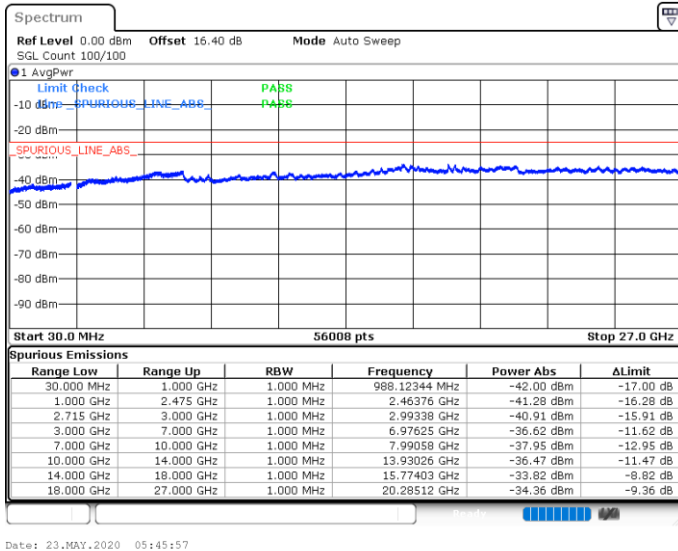
LTE Band 41 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM



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	0.0025	PASS
40	Normal Voltage	0.0042	
30	Normal Voltage	0.0047	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0025	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.68	24.98	29.85	25.23	30.45
Middle CH	24.63	24.98	30.03	25.23	30.45
Highest CH	24.68	25.18	29.85	25.38	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	24.83	29.97	34.97	19.98
Middle CH	34.69	24.98	29.97	34.90	39.72
Highest CH	34.83	24.93	30.09	34.90	39.72

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.68	25.18	29.67	24.98	30.57
Middle CH	24.68	24.88	29.85	25.38	30.45
Highest CH	24.83	25.03	29.67	25.23	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	24.78	29.97	34.90	39.64
Middle CH	34.69	24.73	30.15	34.90	39.80
Highest CH	34.69	24.83	30.03	34.90	39.88

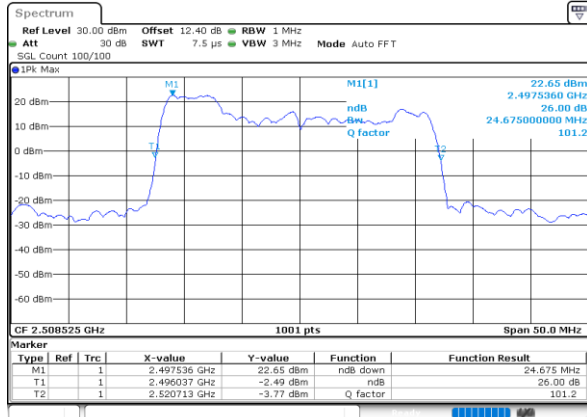
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.78	25.03	29.85	24.98	30.57
Middle CH	24.78	25.03	29.97	25.13	30.45
Highest CH	24.73	24.93	29.79	25.23	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	24.93	30.03	34.90	39.96
Middle CH	34.83	24.83	30.15	35.04	39.72
Highest CH	34.83	24.88	29.97	34.90	39.72



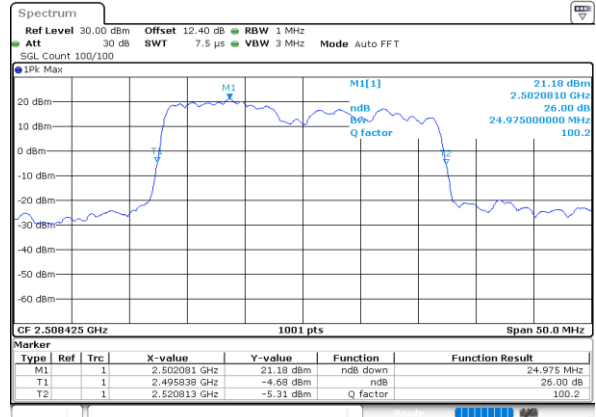
LTE Band 41C

QPSK

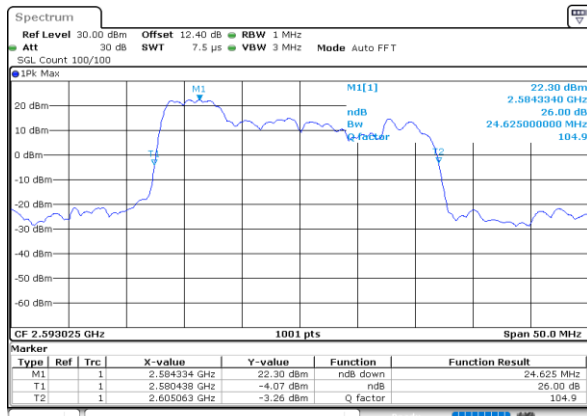
Lowest Channel / 5MHz+20MHz



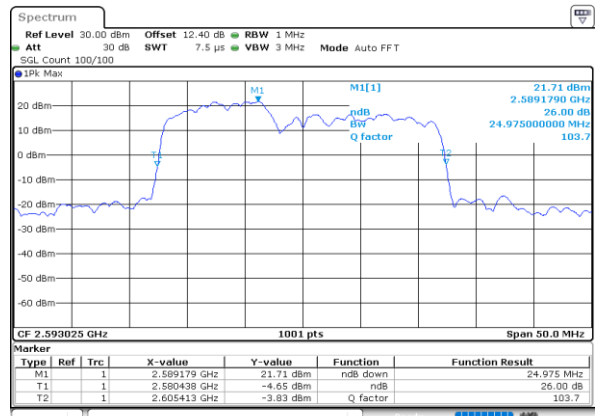
Lowest Channel / 10MHz+15MHz



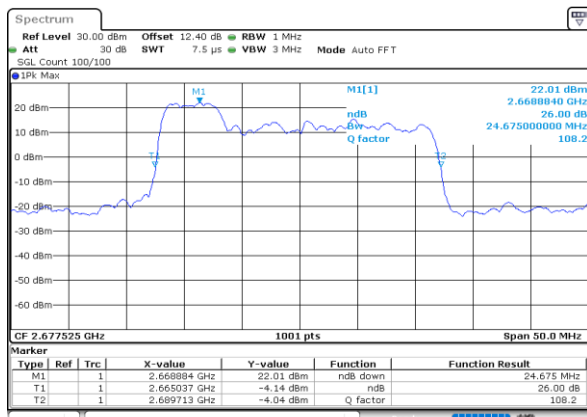
Middle Channel / 5MHz+20MHz



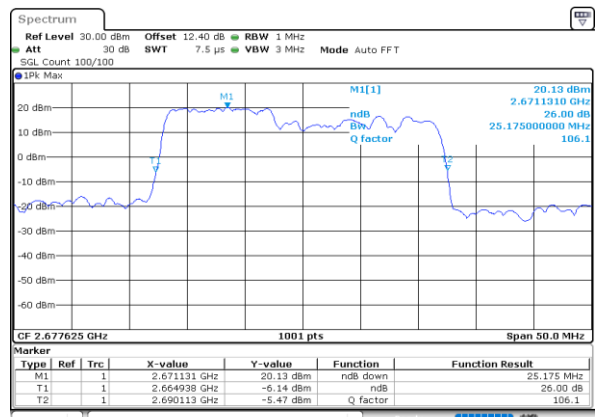
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

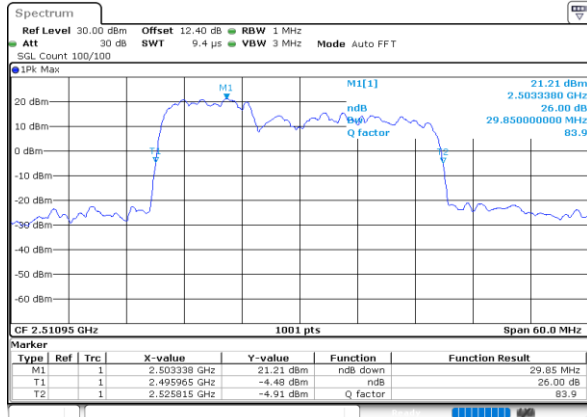




LTE Band 41C

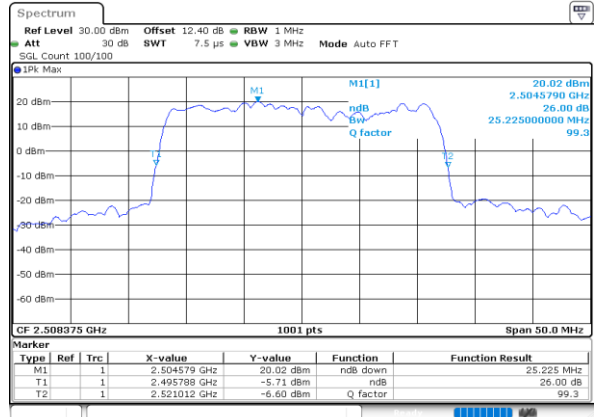
QPSK

Lowest Channel / 10MHz+20MHz



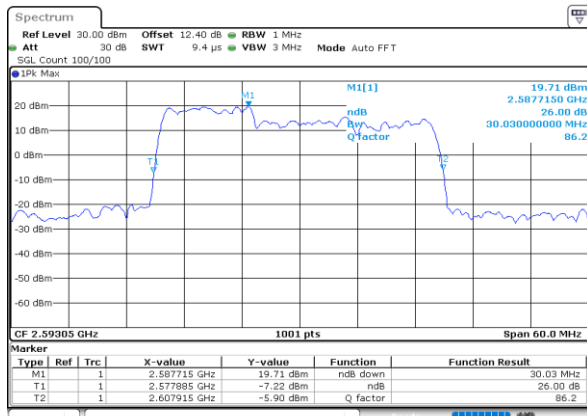
Date: 28.MAY.2020 03:37:22

Lowest Channel / 15MHz+10MHz



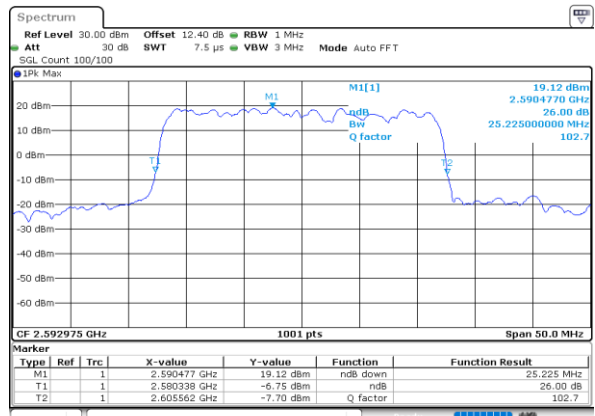
Date: 28.MAY.2020 03:51:14

Middle Channel / 10MHz+20MHz



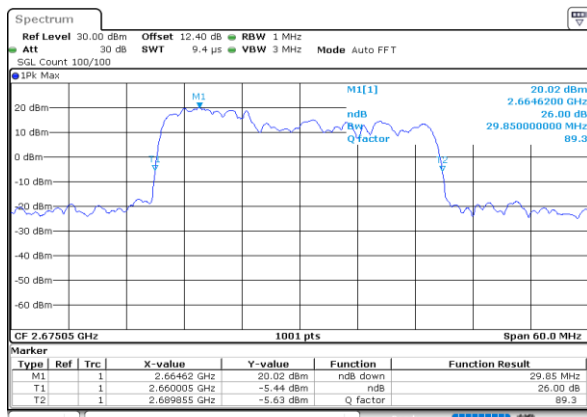
Date: 28.MAY.2020 03:40:55

Middle Channel / 15MHz+10MHz



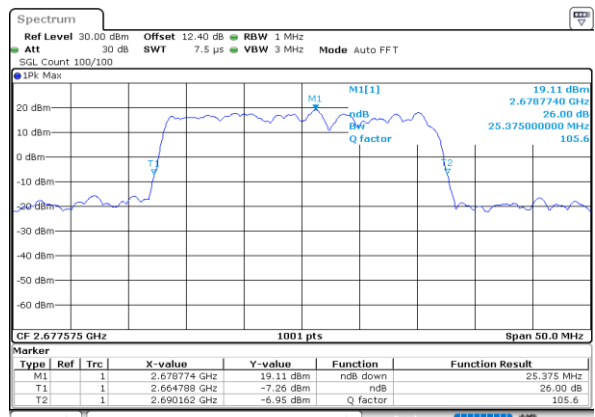
Date: 28.MAY.2020 03:54:15

Highest Channel / 10MHz+20MHz



Date: 28.MAY.2020 03:47:13

Highest Channel / 15MHz+10MHz



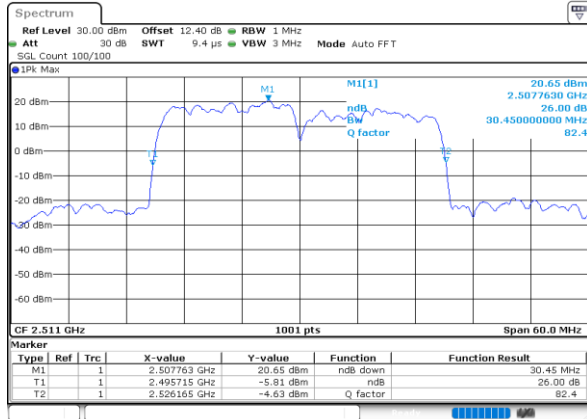
Date: 28.MAY.2020 03:56:39



LTE Band 41C

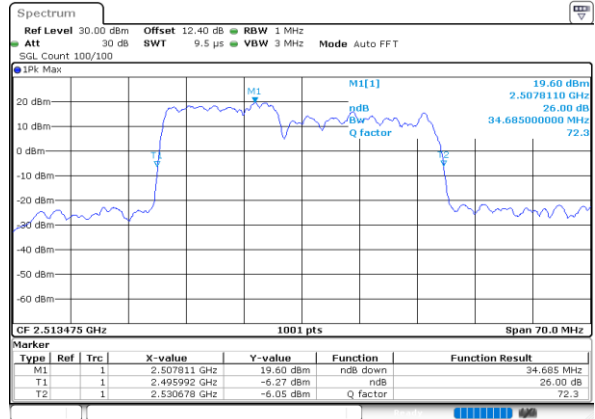
QPSK

Lowest Channel / 15MHz+15MHz



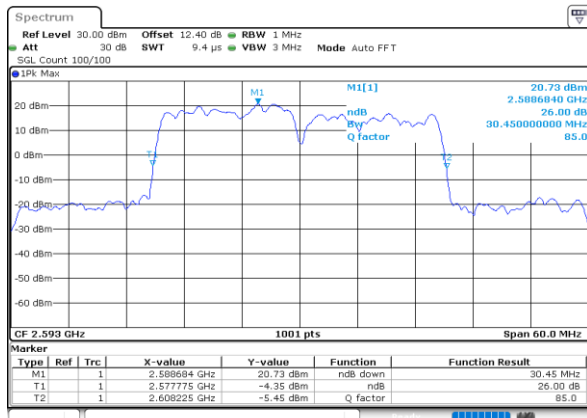
Date: 28.MAY.2020 03:09:17

Lowest Channel / 15MHz+20MHz



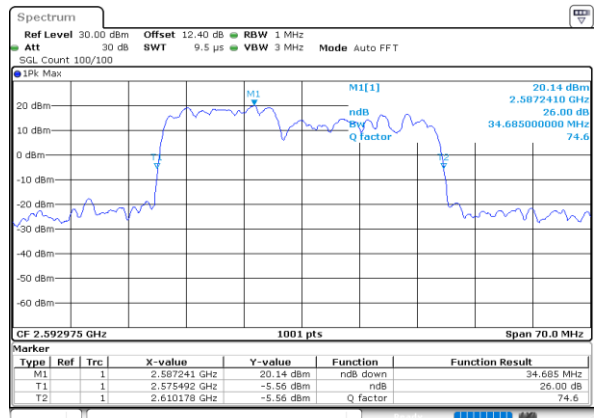
Date: 28.MAY.2020 02:15:130

Middle Channel / 15MHz+15MHz



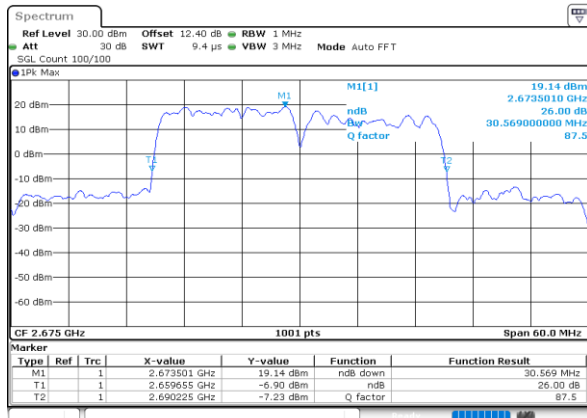
Date: 28.MAY.2020 03:13:19

Middle Channel / 15MHz+20MHz



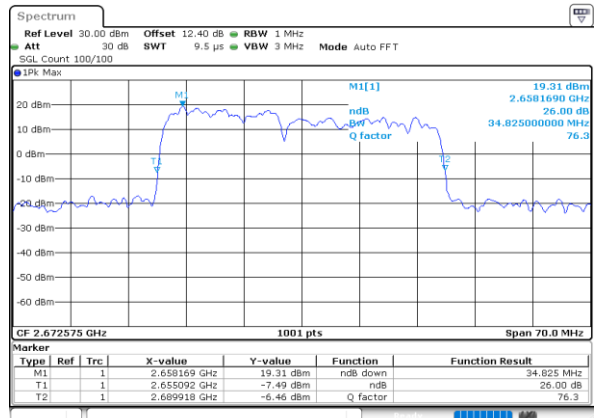
Date: 28.MAY.2020 03:10:113

Highest Channel / 15MHz+15MHz



Date: 28.MAY.2020 03:17:19

Highest Channel / 15MHz+20MHz



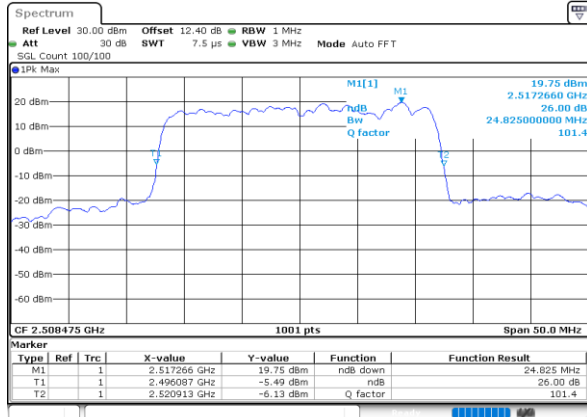
Date: 28.MAY.2020 03:10:135



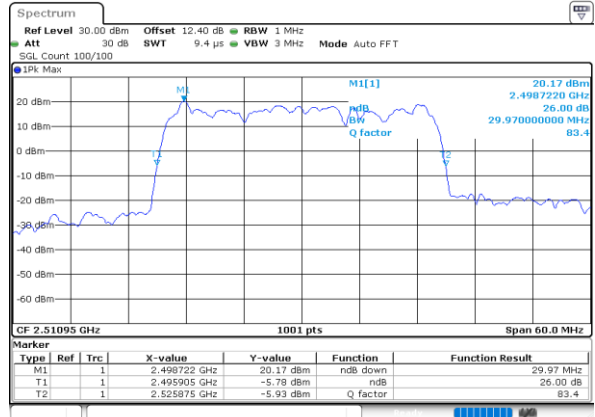
LTE Band 41C

QPSK

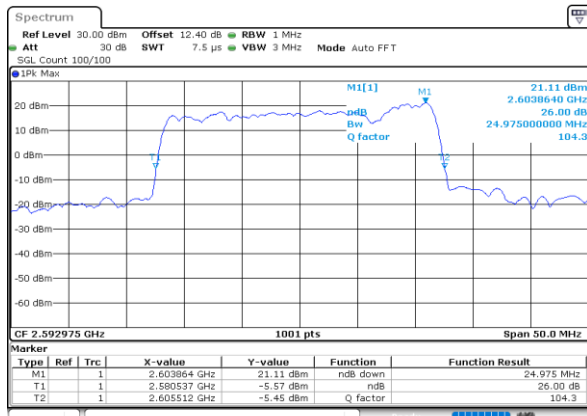
Lowest Channel / 20MHz+5MHz



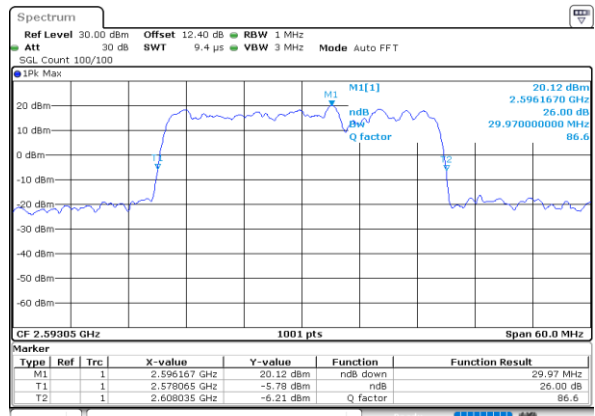
Lowest Channel / 20MHz+10MHz



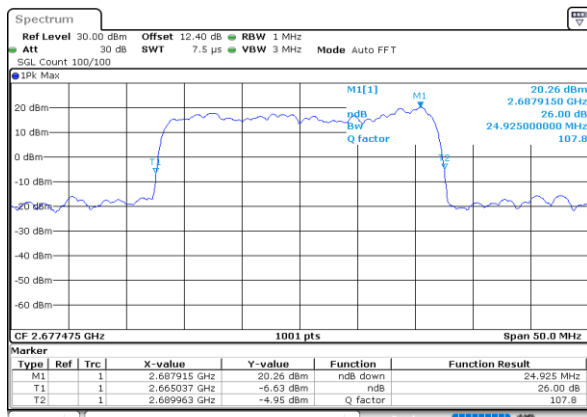
Middle Channel / 20MHz+5MHz



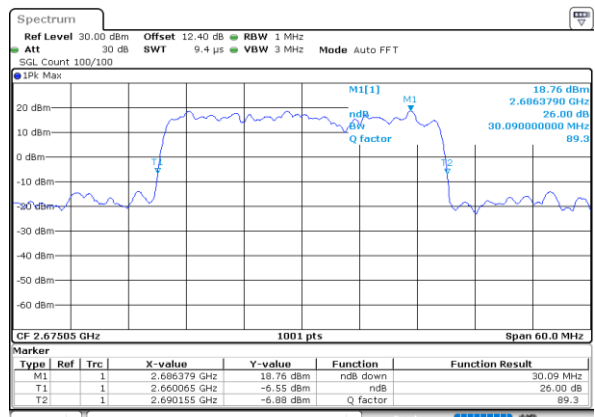
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



Highest Channel / 20MHz+10MHz

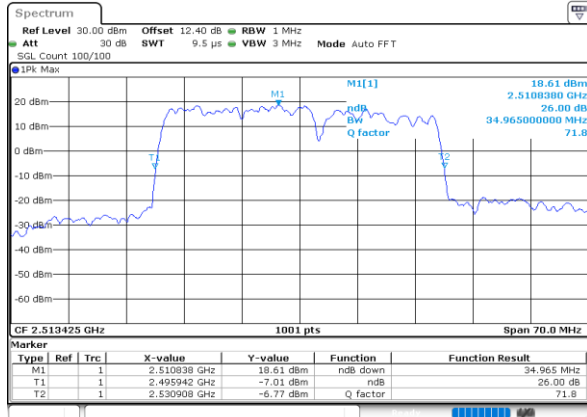




LTE Band 41C

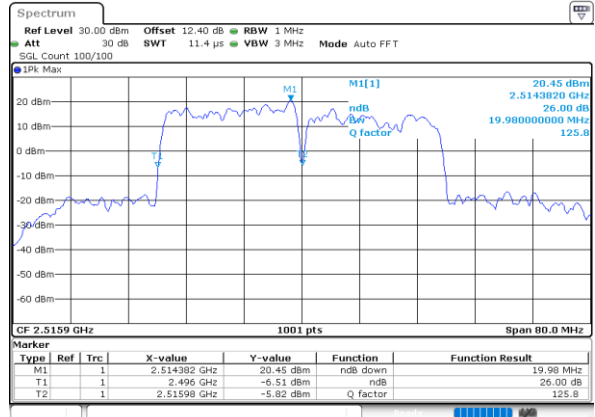
QPSK

Lowest Channel / 20MHz+15MHz



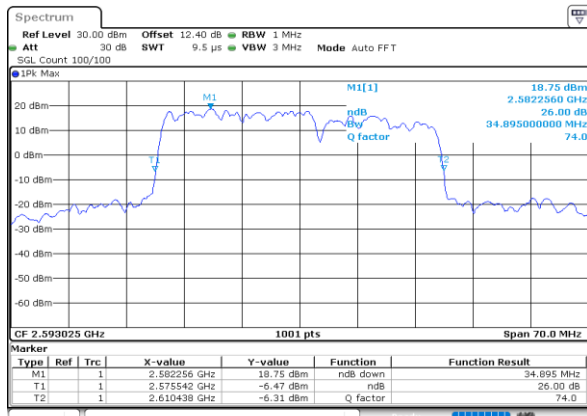
Date: 28.MAY.2020 02:40:27

Lowest Channel / 20MHz+20MHz



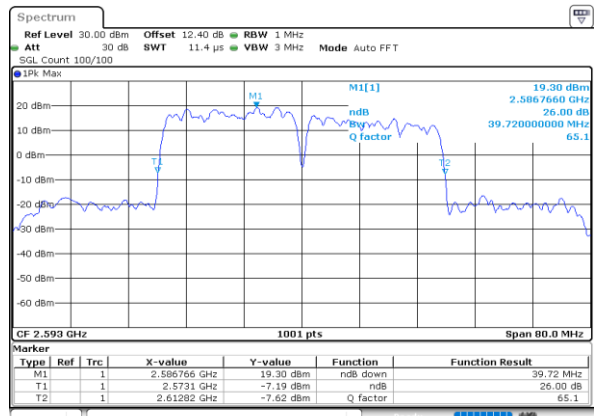
Date: 28.MAY.2020 02:29:53

Middle Channel / 20MHz+15MHz



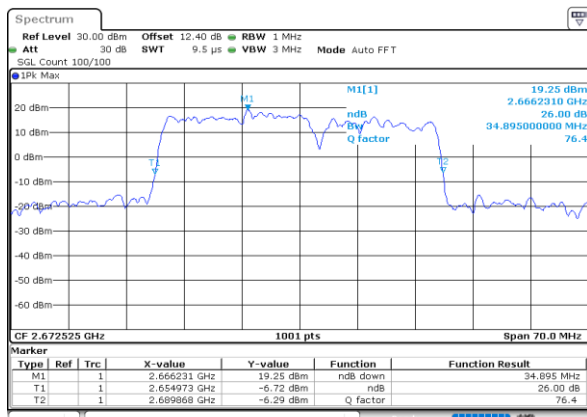
Date: 28.MAY.2020 02:51:37

Middle Channel / 20MHz+20MHz



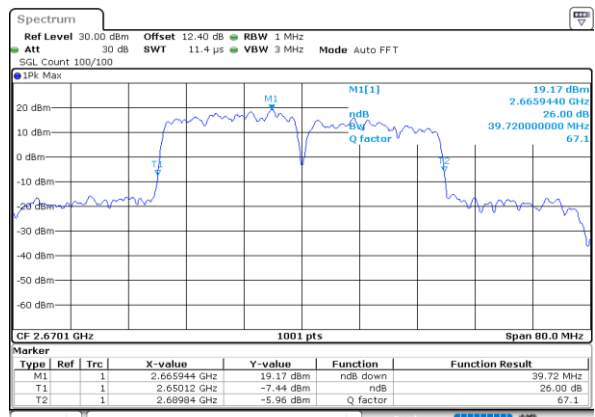
Date: 28.MAY.2020 02:13:21

Highest Channel / 20MHz+15MHz



Date: 28.MAY.2020 02:53:26

Highest Channel / 20MHz+20MHz



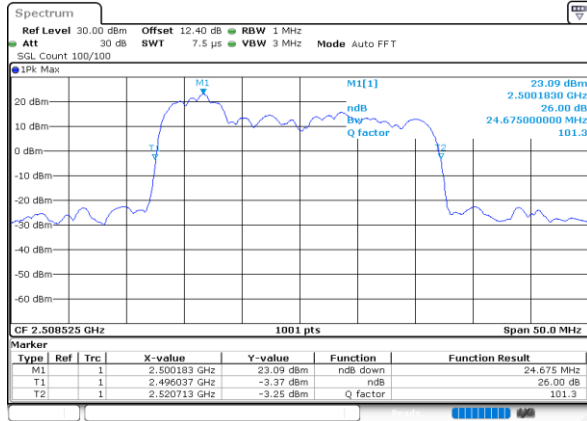
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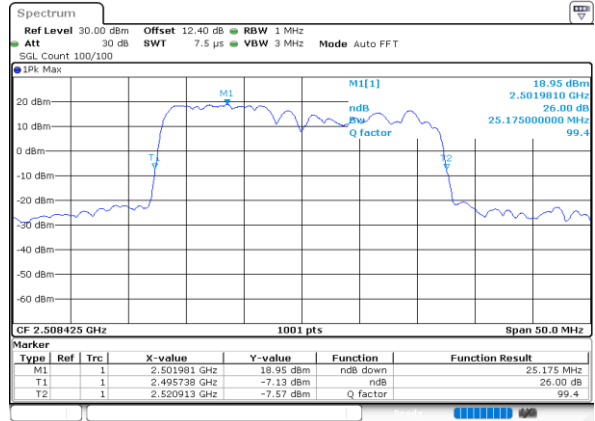
LTE Band 41C

16QAM

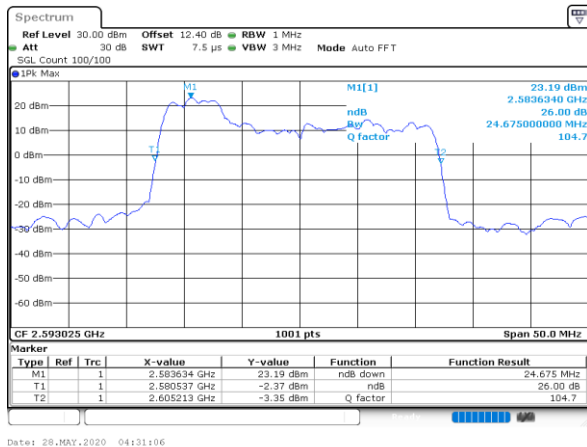
Lowest Channel / 5MHz+20MHz



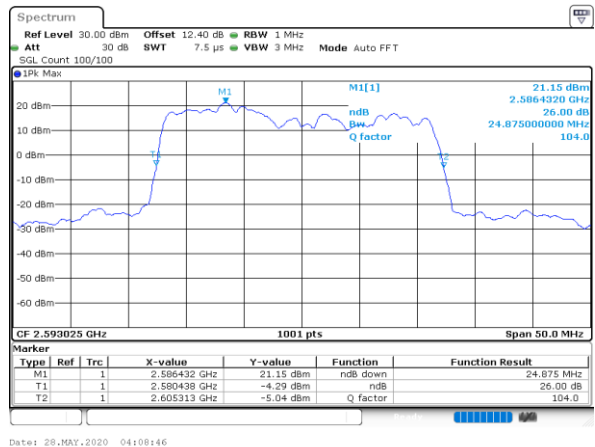
Lowest Channel / 10MHz+15MHz



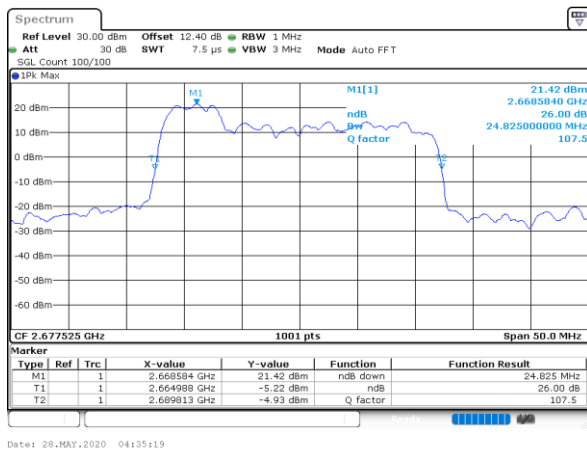
Middle Channel / 5MHz+20MHz



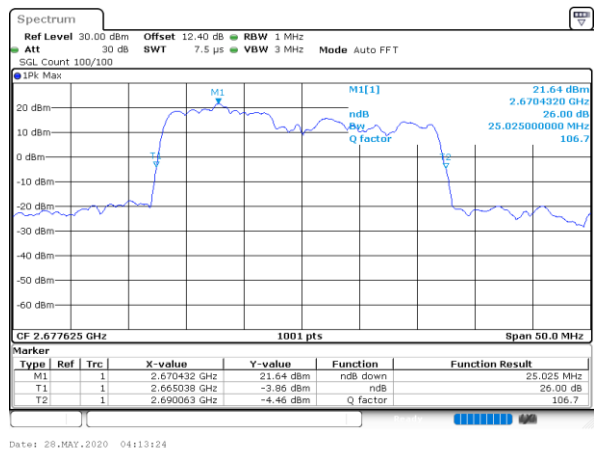
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

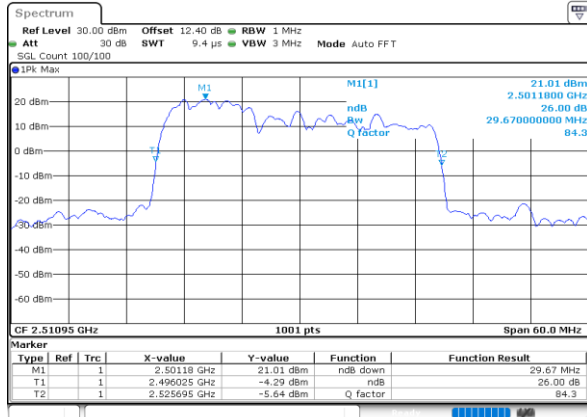




LTE Band 41C

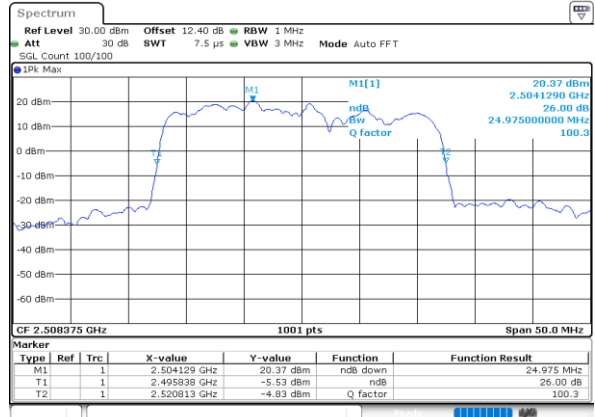
16QAM

Lowest Channel / 10MHz+20MHz



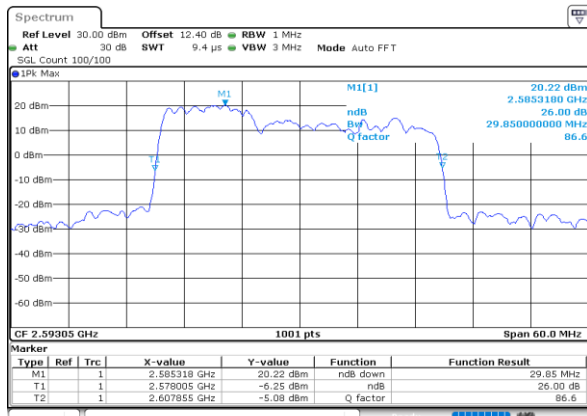
Date: 28.MAY.2020 03:36:59

Lowest Channel / 15MHz+10MHz



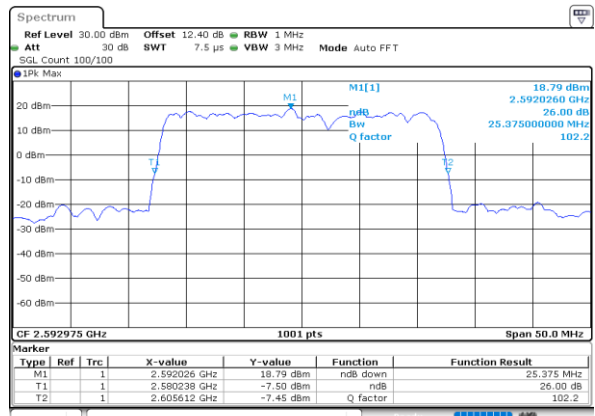
Date: 28.MAY.2020 03:50:51

Middle Channel / 10MHz+20MHz



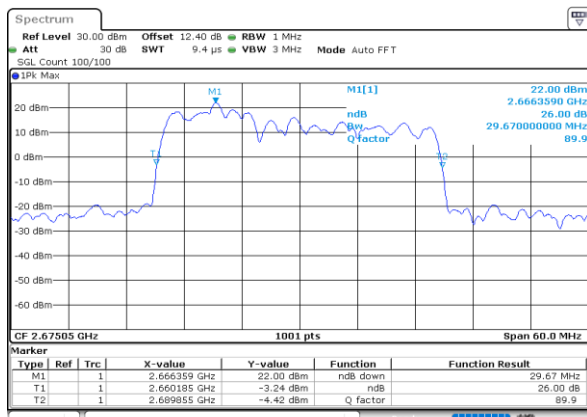
Date: 28.MAY.2020 03:40:32

Middle Channel / 15MHz+10MHz



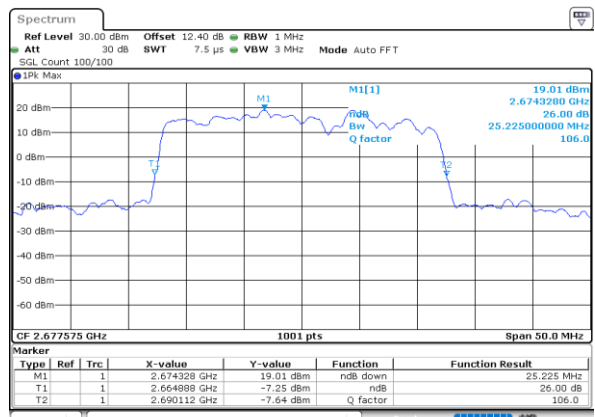
Date: 28.MAY.2020 03:53:51

Highest Channel / 10MHz+20MHz



Date: 28.MAY.2020 03:47:36

Highest Channel / 15MHz+10MHz



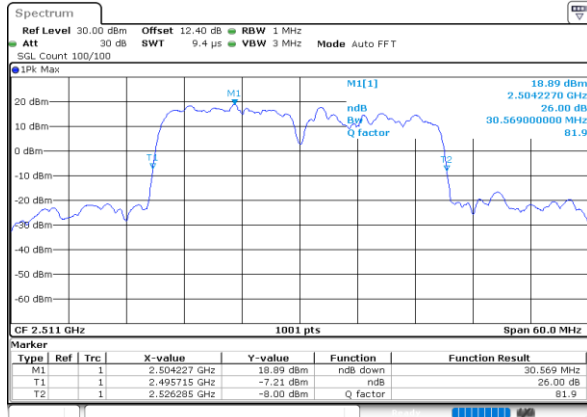
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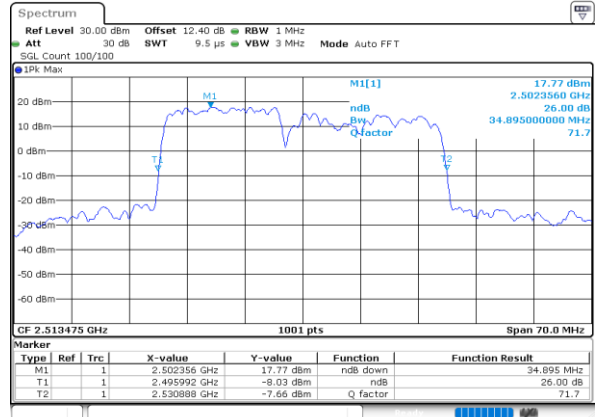
LTE Band 41C

16QAM

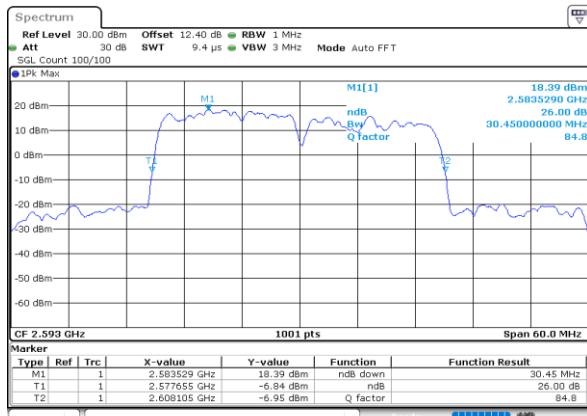
Lowest Channel / 15MHz+15MHz



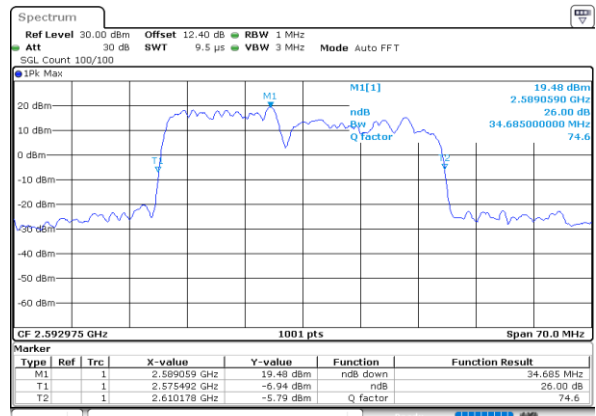
Lowest Channel / 15MHz+20MHz



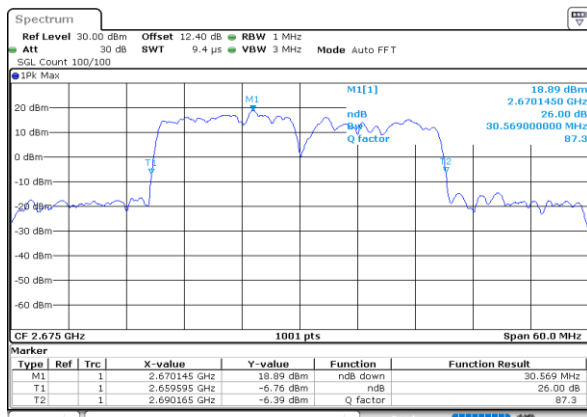
Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 15MHz+20MHz

