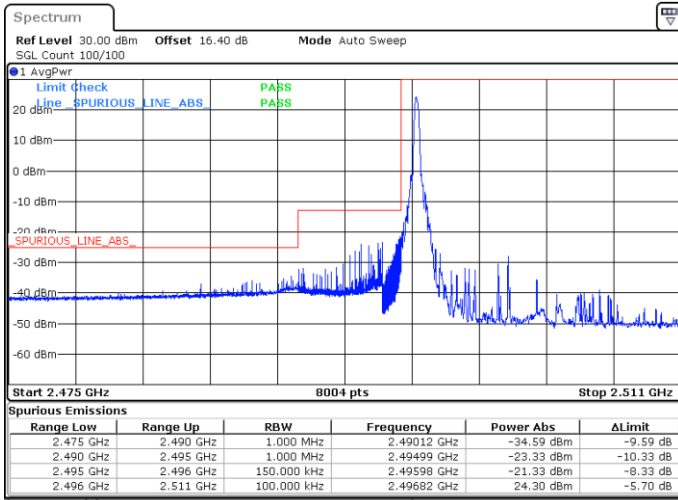




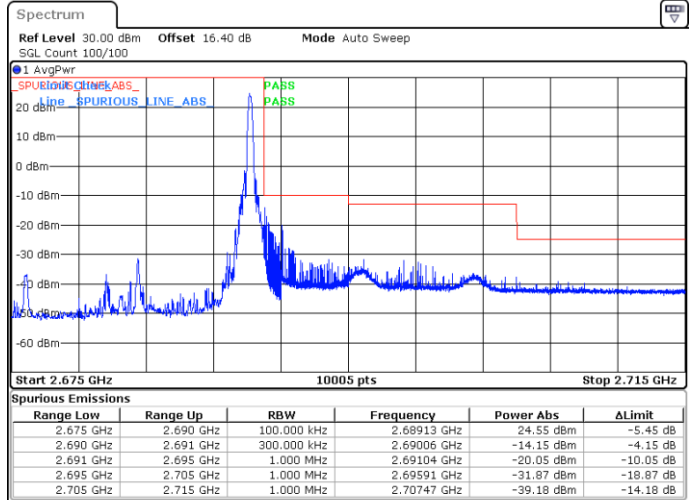
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



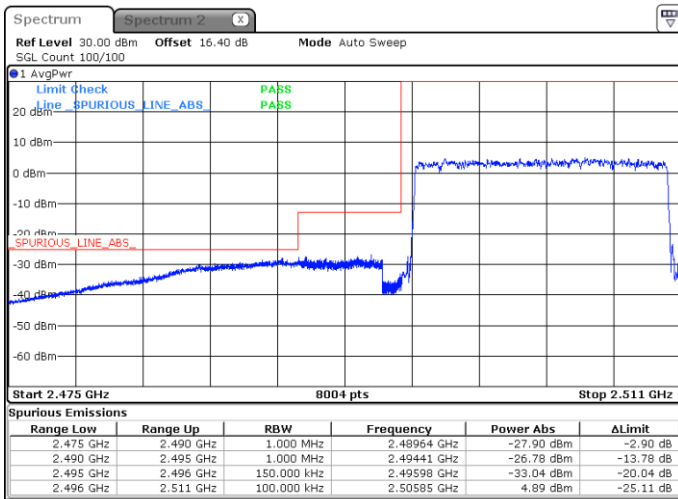
Date: 23.MAY.2020 05:08:40

Highest Band Edge / 1 RB



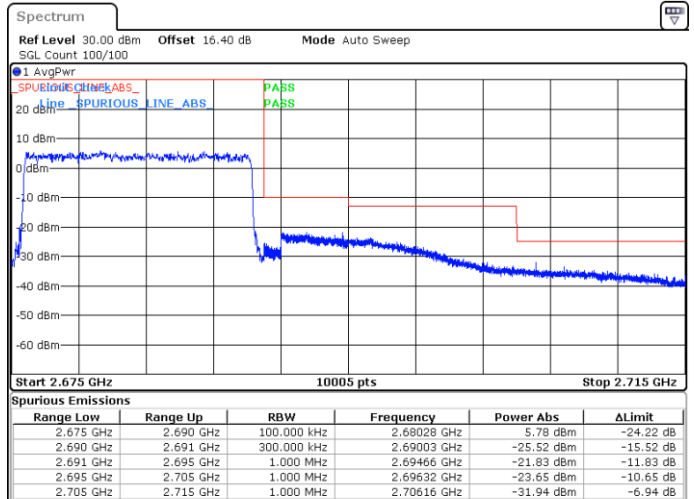
Date: 23.MAY.2020 05:11:19

Lowest Band Edge / Full RB



Date: 27.MAY.2020 06:05:13

Highest Band Edge / Full RB

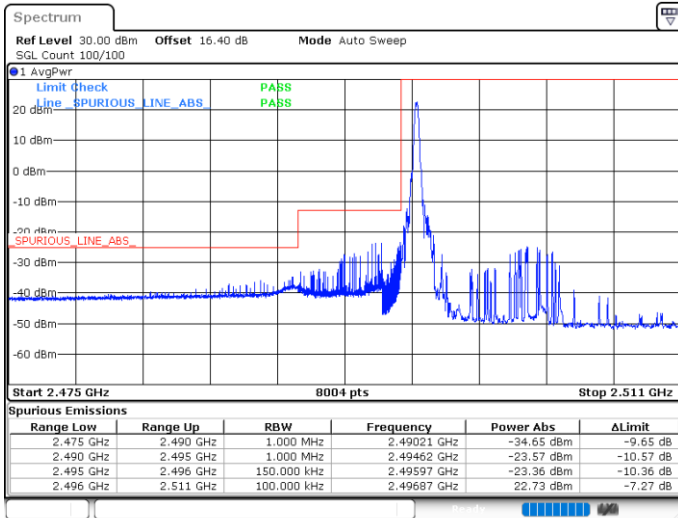


Date: 23.MAY.2020 05:12:39



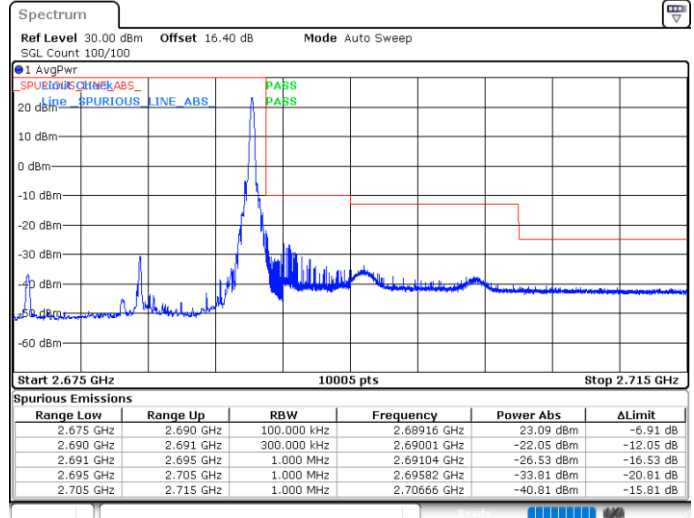
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



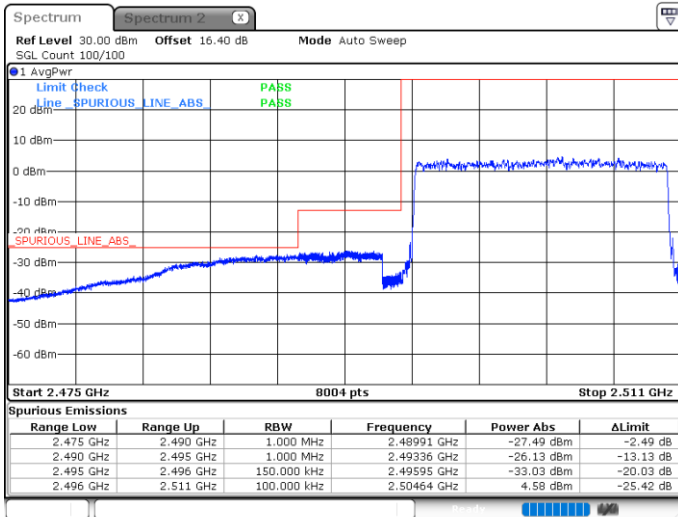
Date: 23.MAY.2020 05:05:21

Highest Band Edge / 1 RB



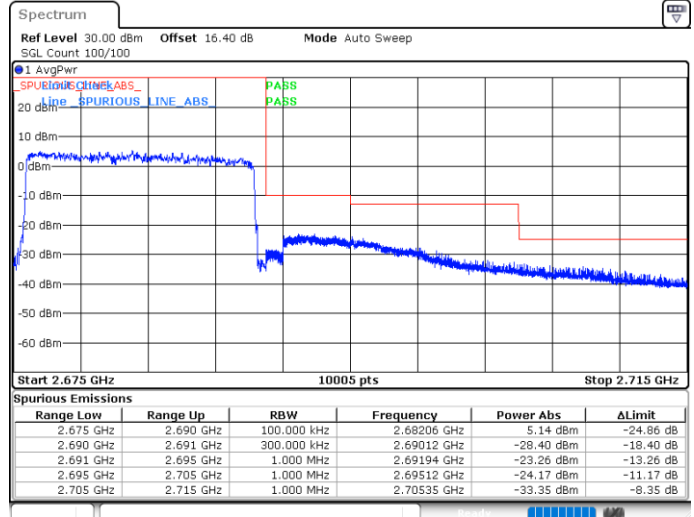
Date: 23.MAY.2020 05:06:40

Lowest Band Edge / Full RB



Date: 27.MAY.2020 06:05:40

Highest Band Edge / Full RB



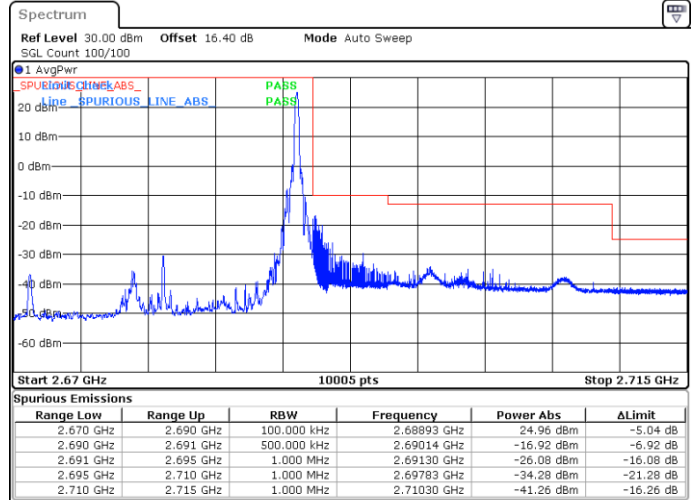
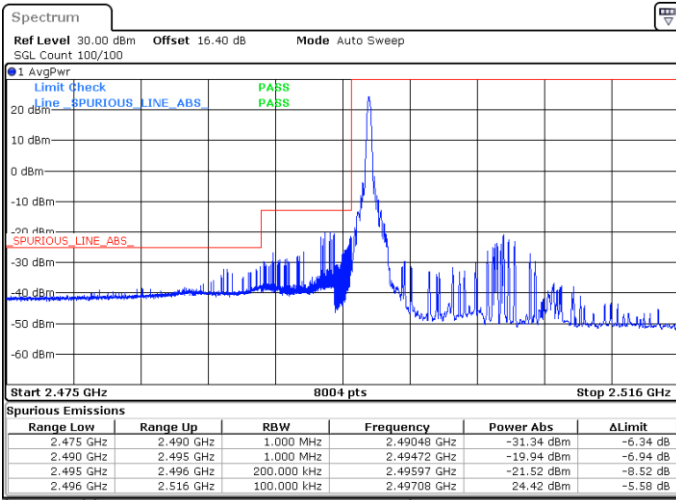
Date: 23.MAY.2020 05:07:20



LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

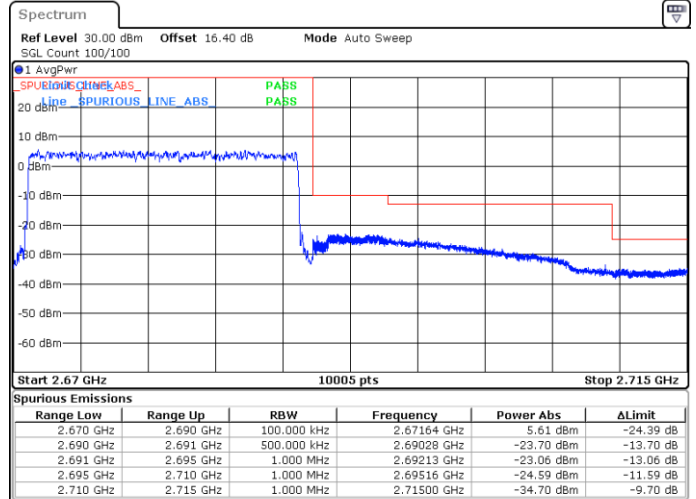
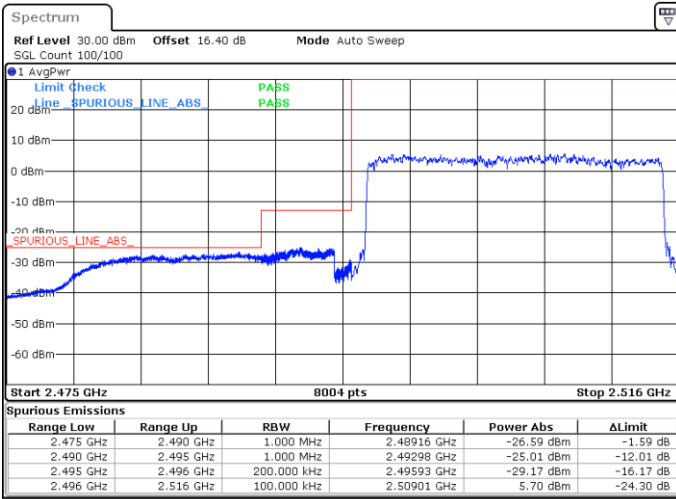


Date: 23.MAY.2020 05:13:20

Date: 23.MAY.2020 05:15:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAY.2020 05:14:40

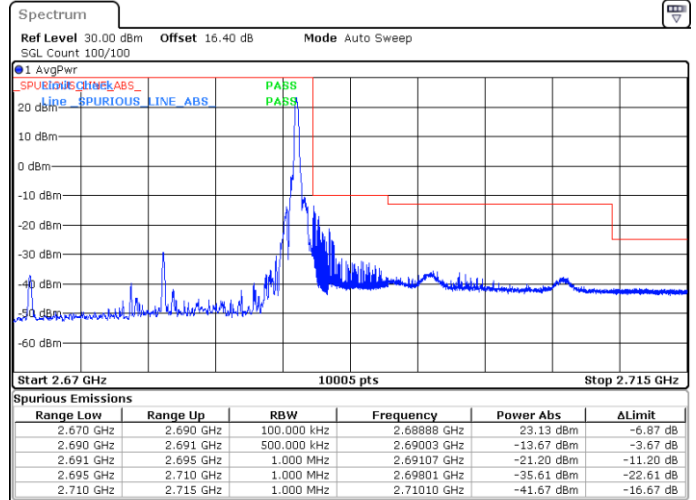
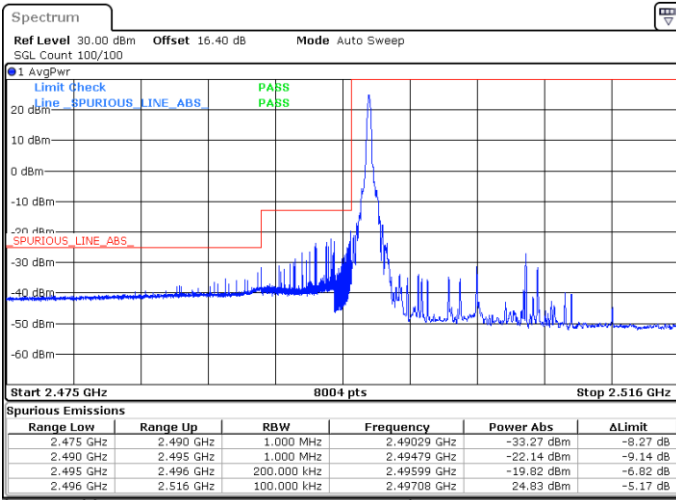
Date: 23.MAY.2020 05:17:59



LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

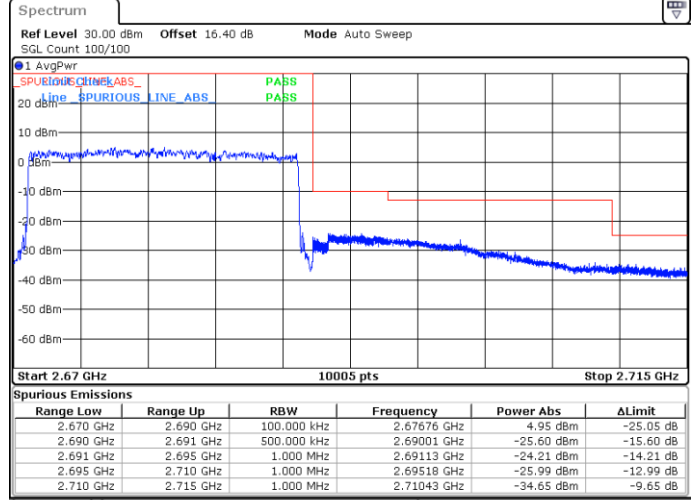
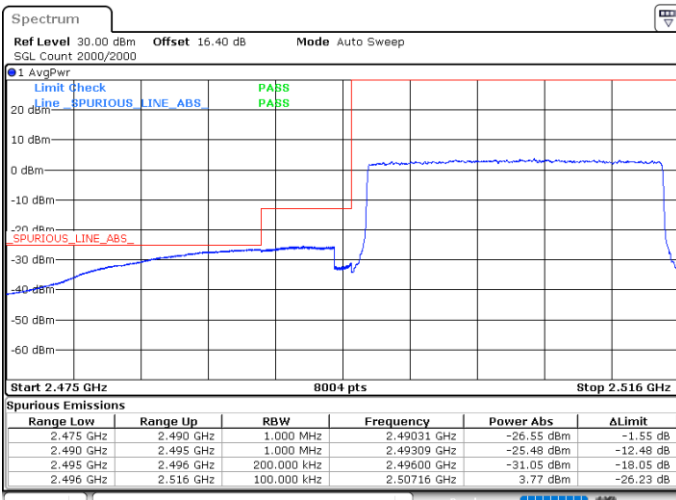


Date: 23.MAY.2020 05:14:00

Date: 23.MAY.2020 05:16:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.MAY.2020 07:30:13

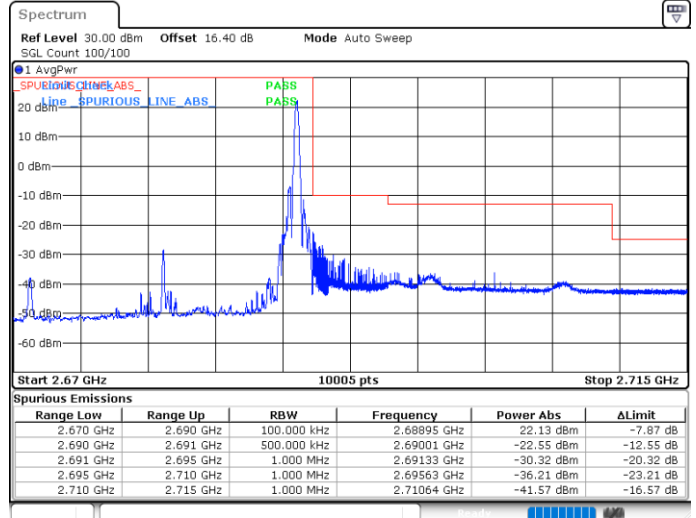
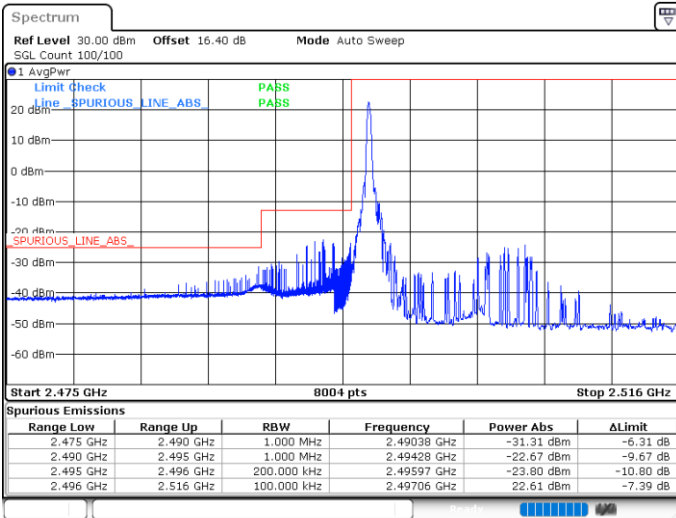
Date: 23.MAY.2020 05:17:19



LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

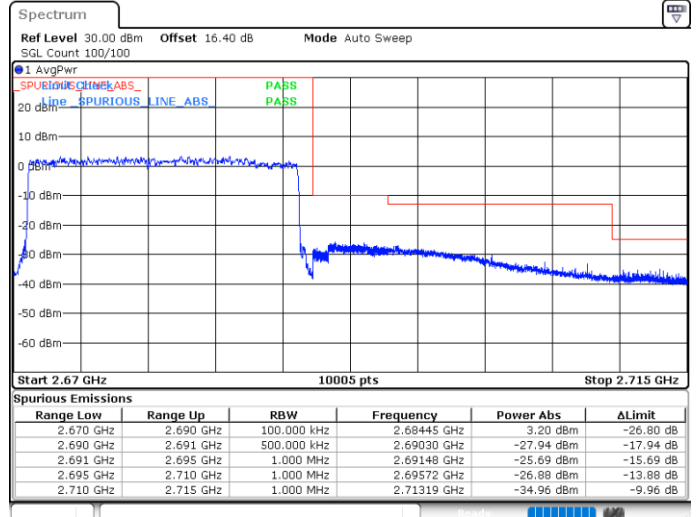
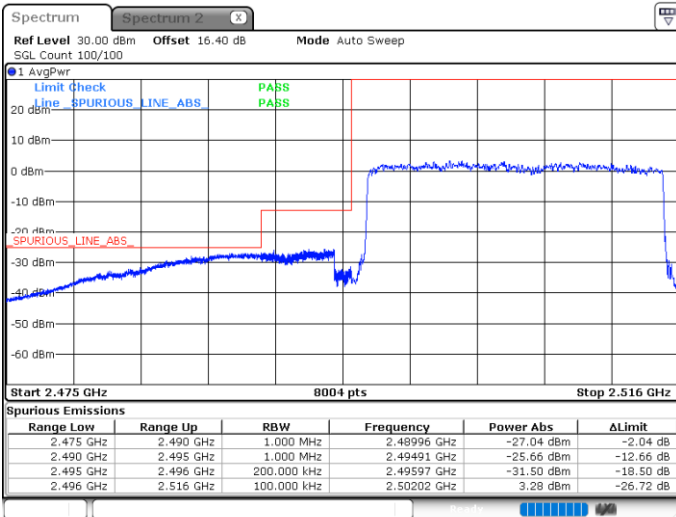


Date: 23.MAY.2020 05:18:40

Date: 23.MAY.2020 05:19:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.MAY.2020 06:03:26

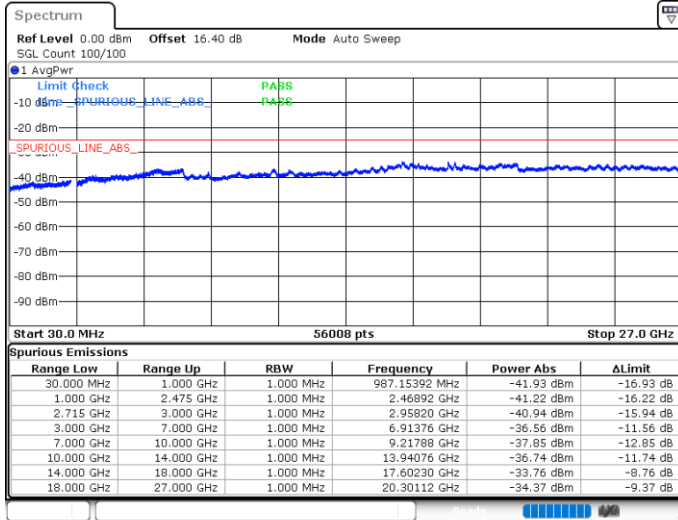
Date: 23.MAY.2020 05:20:39



# Conducted Spurious Emission

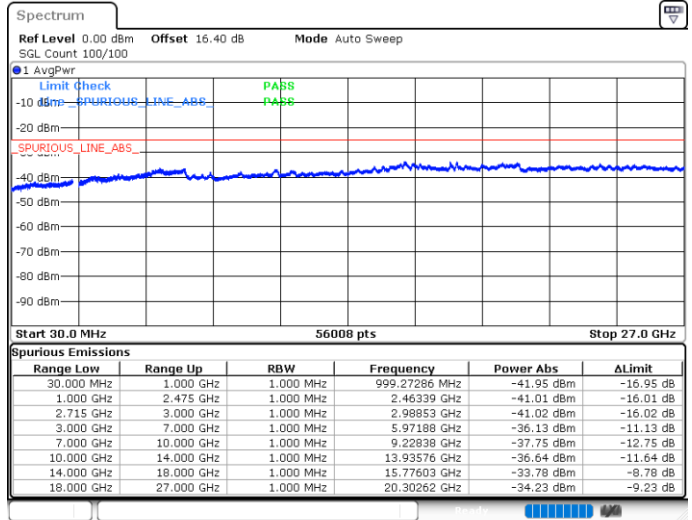
## LTE Band 41 / 5MHz

### Lowest Channel / QPSK



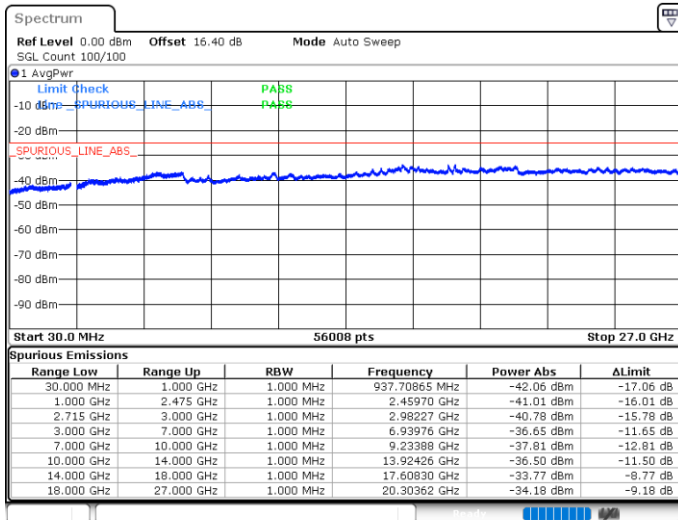
Date: 23.MAY.2020 05:24:01

### Lowest Channel / 16QAM



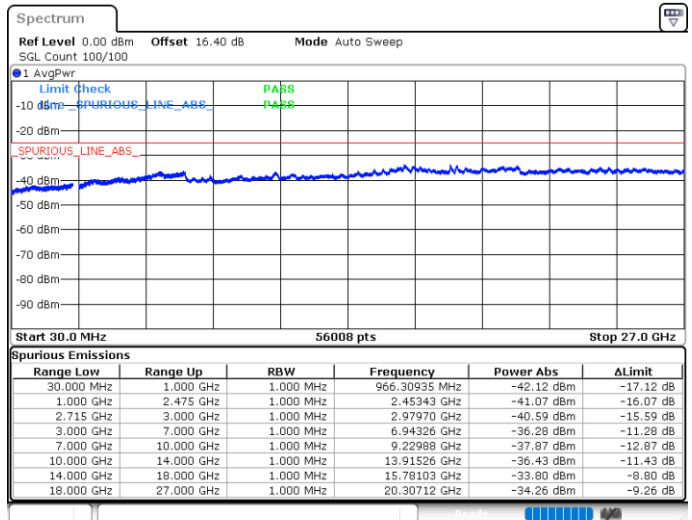
Date: 23.MAY.2020 05:24:52

### Middle Channel / QPSK



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

### Middle Channel / 16QAM

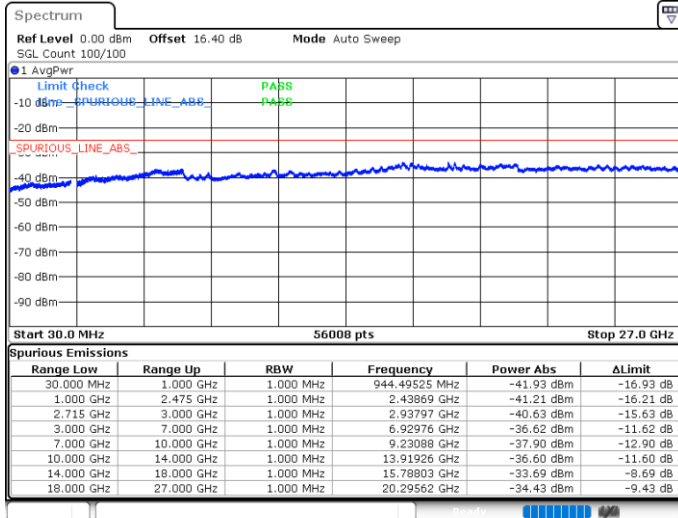


Date: 23.MAY.2020 05:26:33



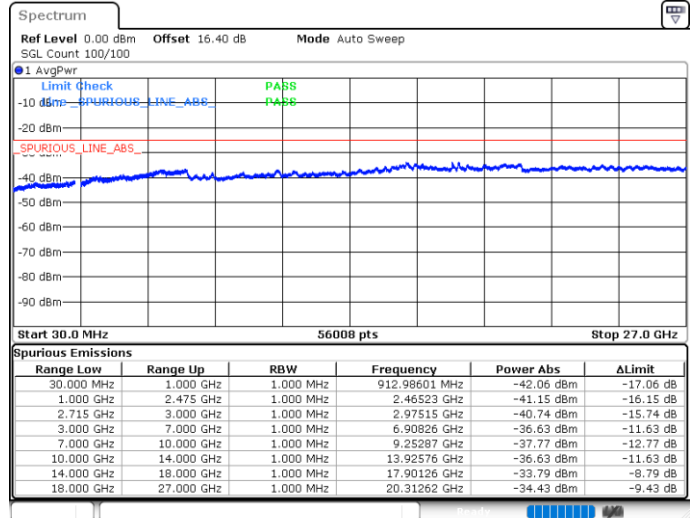
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 23.MAY.2020 05:27:23

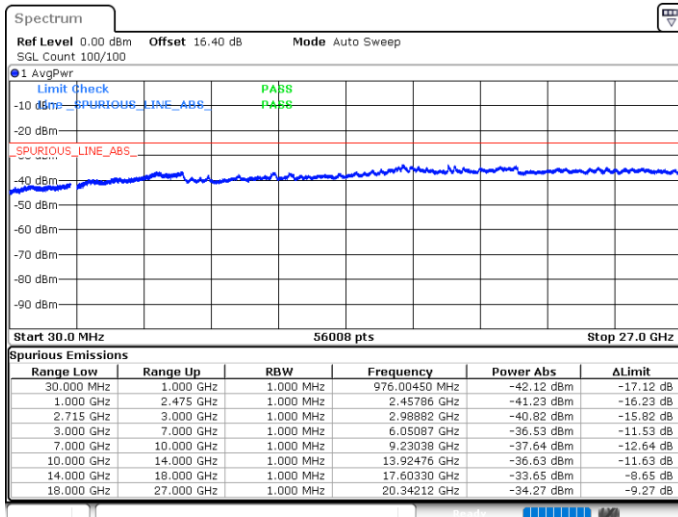
Highest Channel / 16QAM



Date: 23.MAY.2020 05:28:14

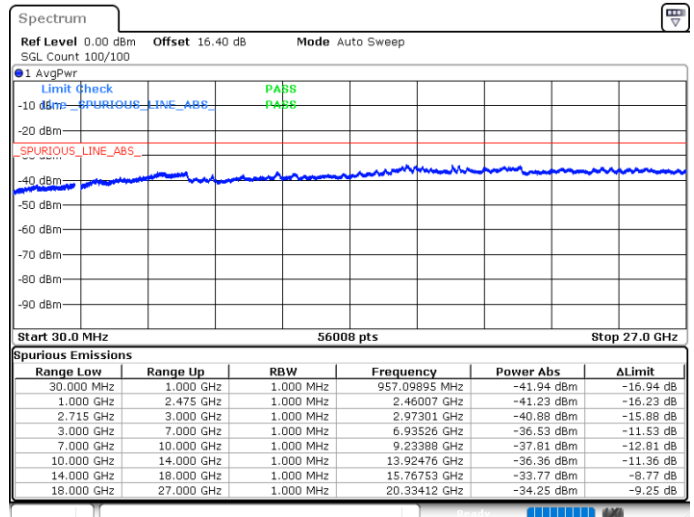
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 23.MAY.2020 05:31:37

Lowest Channel / 16QAM



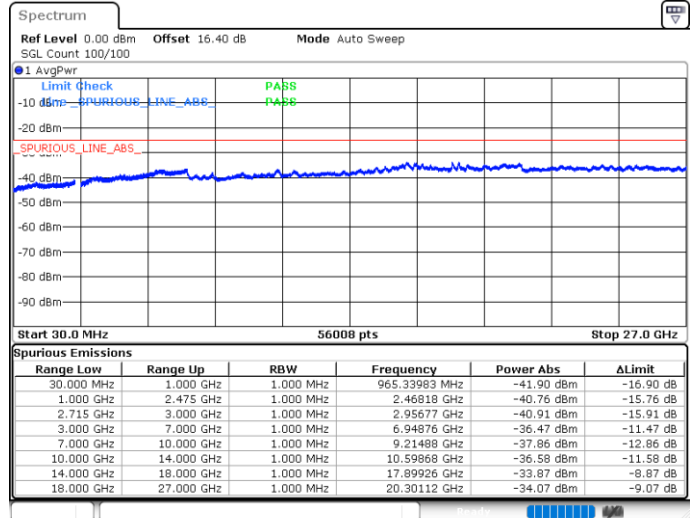
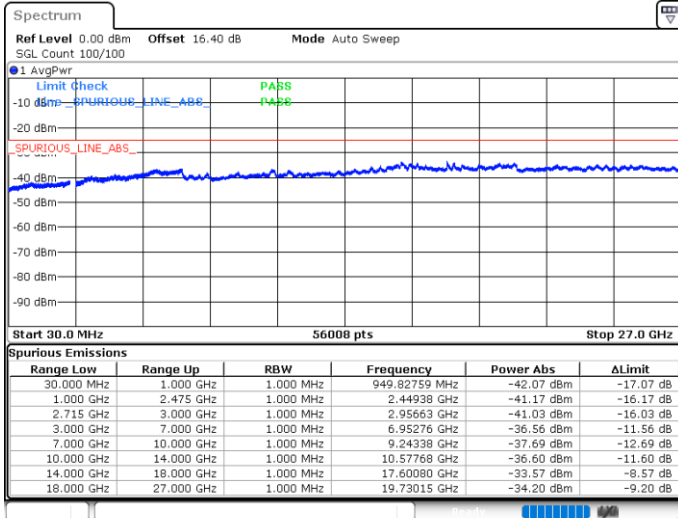
Date: 23.MAY.2020 05:32:28



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

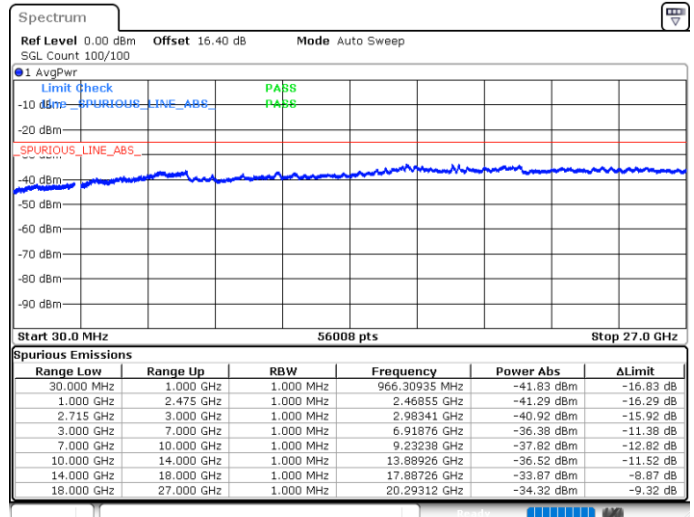
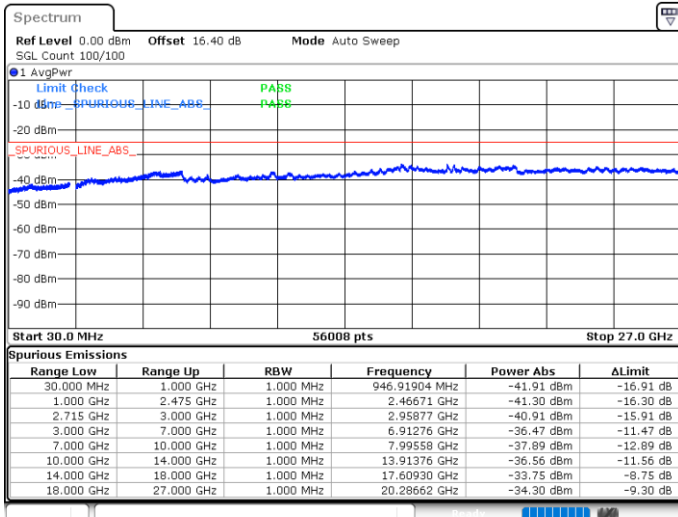


Date: 23.MAY.2020 05:33:19

Date: 23.MAY.2020 05:34:09

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23.MAY.2020 05:34:59

Date: 23.MAY.2020 05:35:50

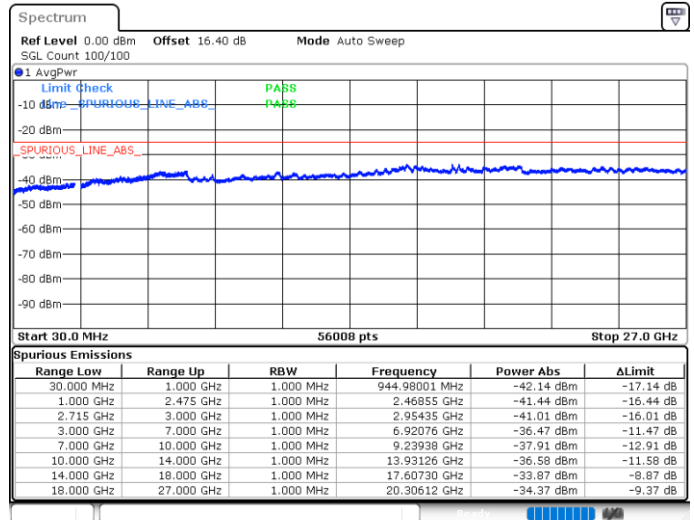
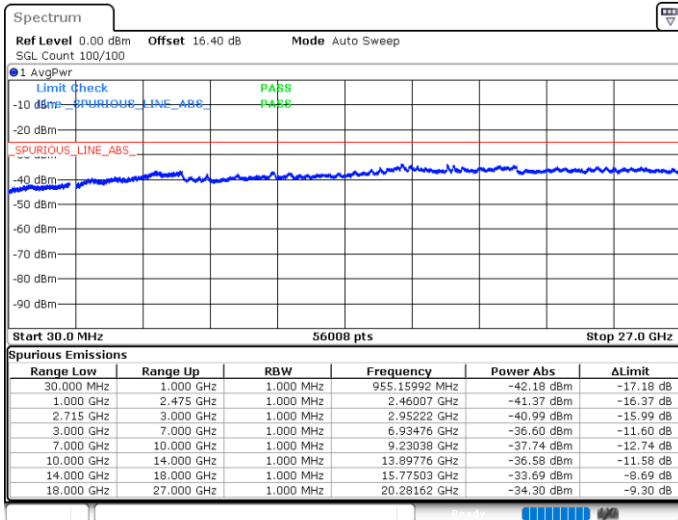




LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

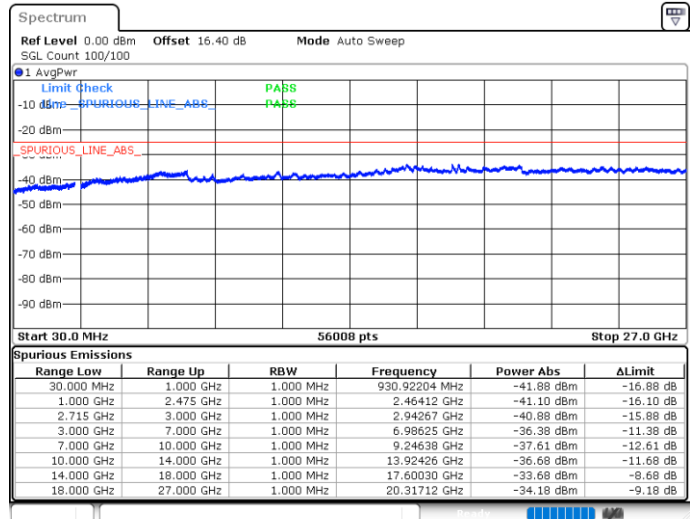
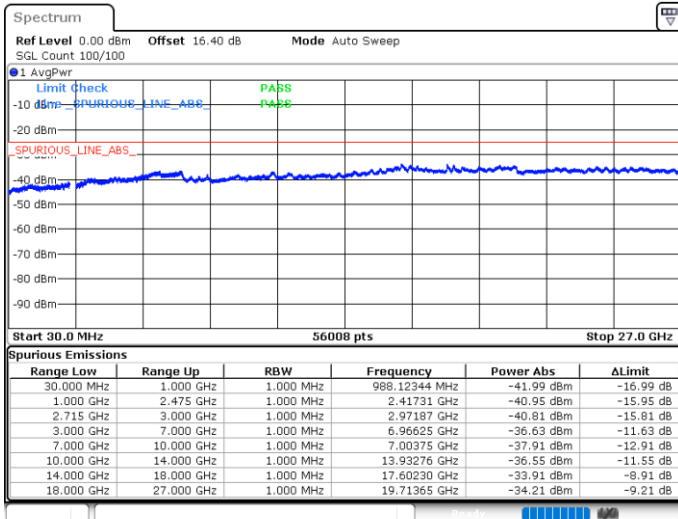


Date: 23.MAY.2020 05:36:41

Date: 23.MAY.2020 05:37:32

Middle Channel / QPSK

Middle Channel / 16QAM



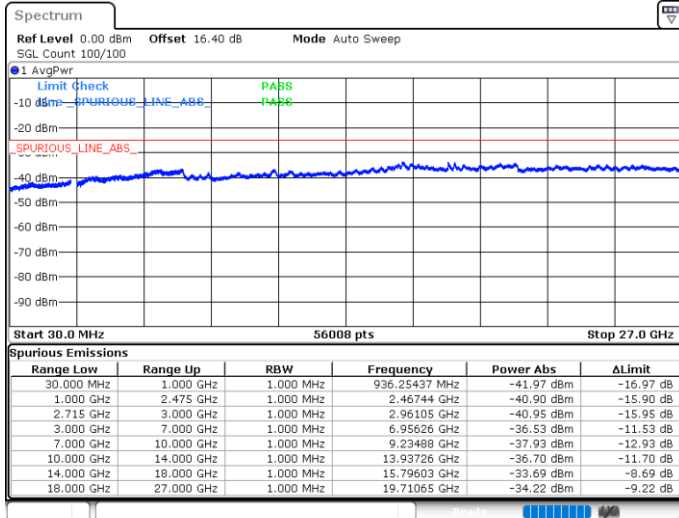
Date: 23.MAY.2020 05:38:23

Date: 23.MAY.2020 05:39:13



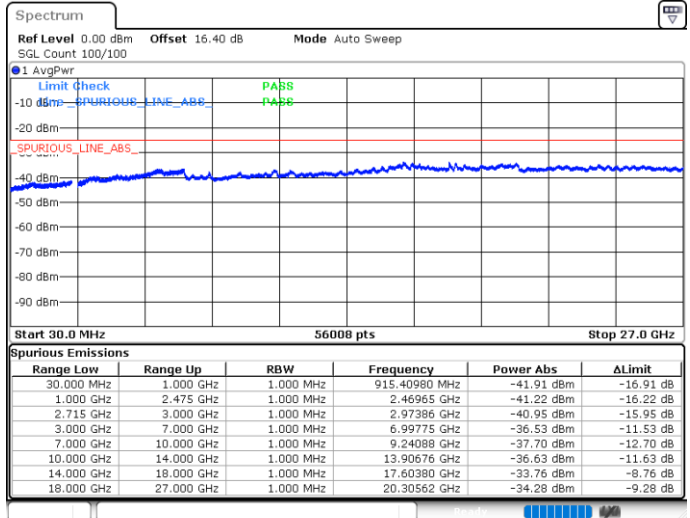
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 23.MAY.2020 05:40:03

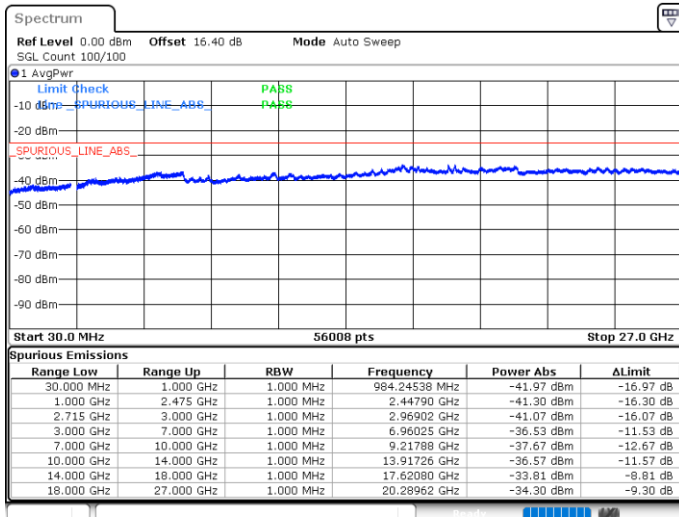
Highest Channel / 16QAM



Date: 23.MAY.2020 05:40:54

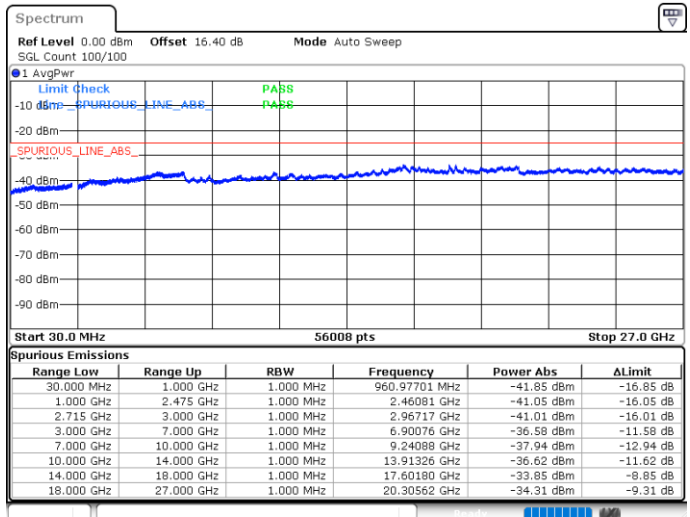
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 23.MAY.2020 05:46:48

Lowest Channel / 16QAM



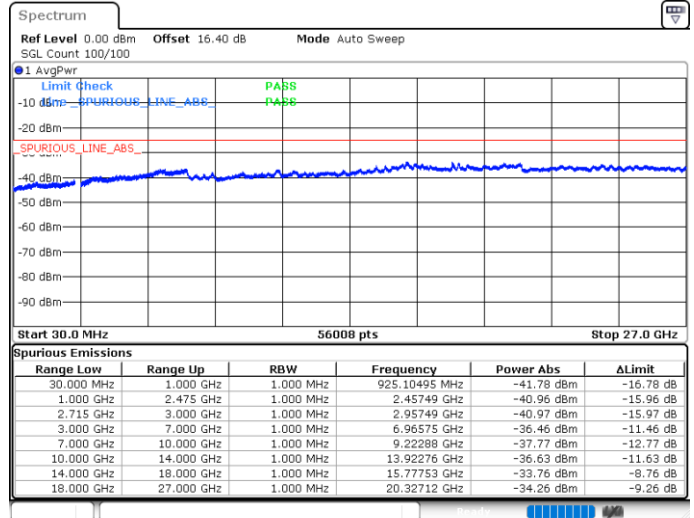
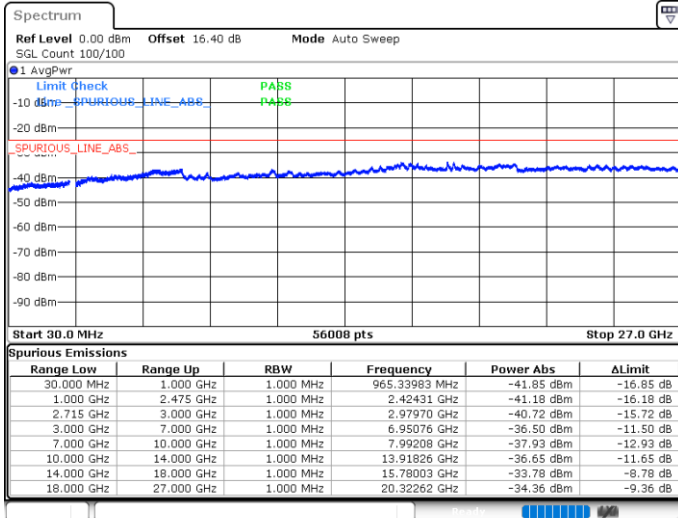
Date: 23.MAY.2020 05:47:39



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

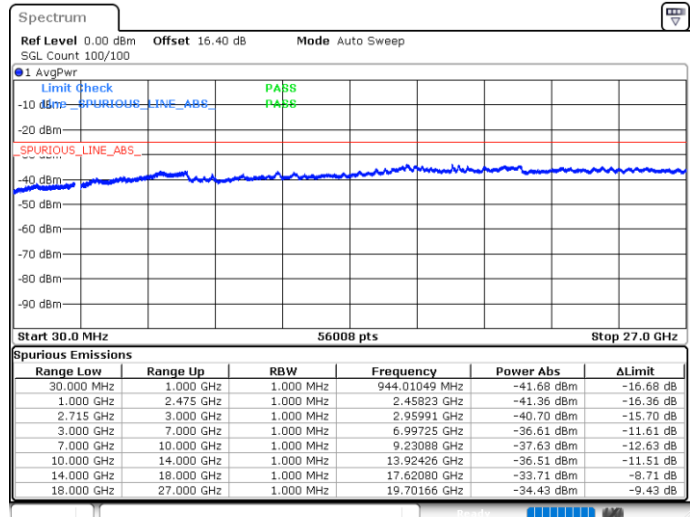
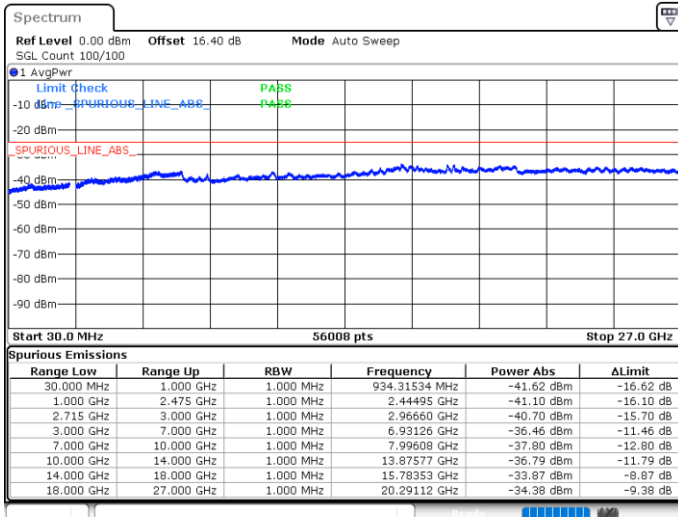


Date: 23.MAY.2020 05:48:29

Date: 23.MAY.2020 05:49:20

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23.MAY.2020 05:50:10

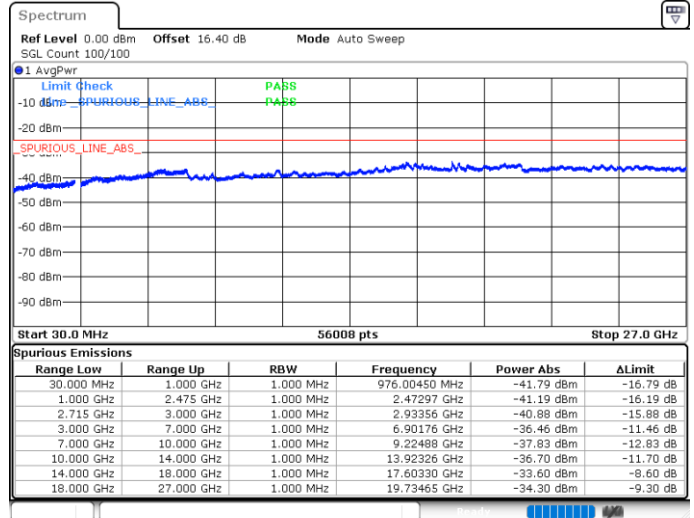
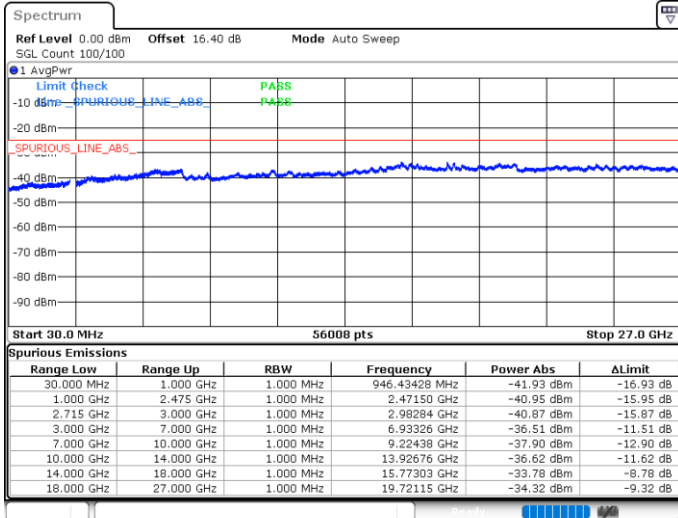
Date: 23.MAY.2020 05:51:01



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

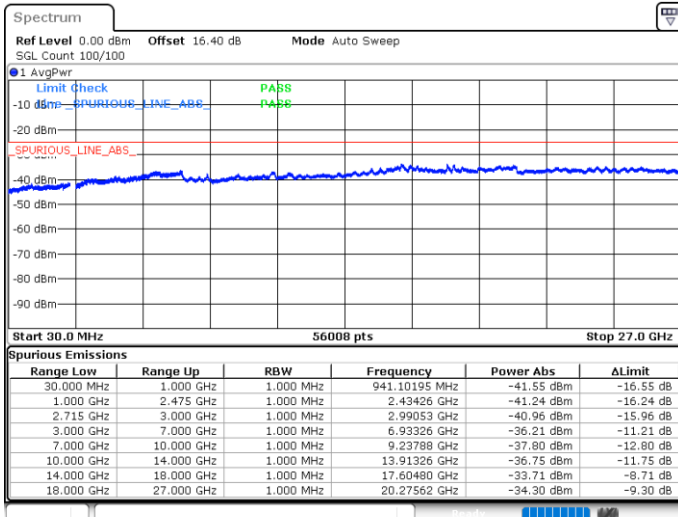
Middle Channel / 64QAM



Date: 23.MAY.2020 05:21:30

Date: 23.MAY.2020 05:22:20

Highest Channel / 64QAM



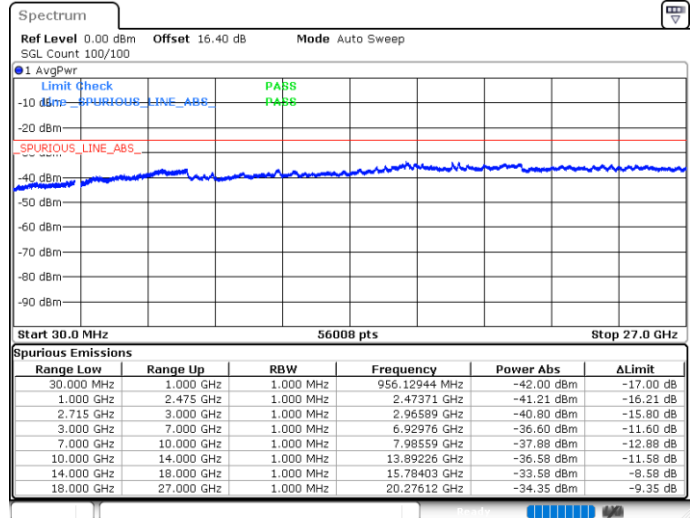
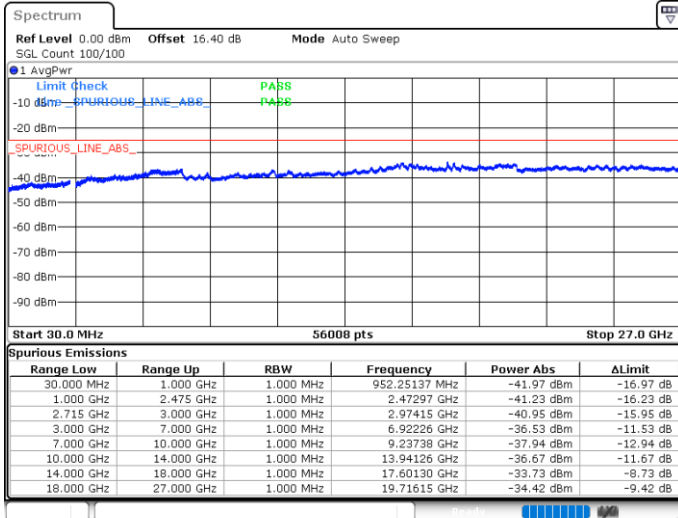
Date: 23.MAY.2020 05:23:11



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

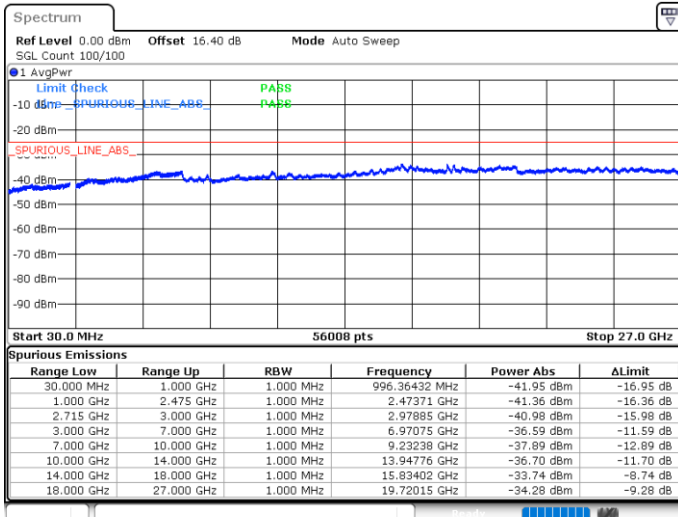
Middle Channel / 64QAM



Date: 23.MAY.2020 05:29:06

Date: 23.MAY.2020 05:29:56

Highest Channel / 64QAM



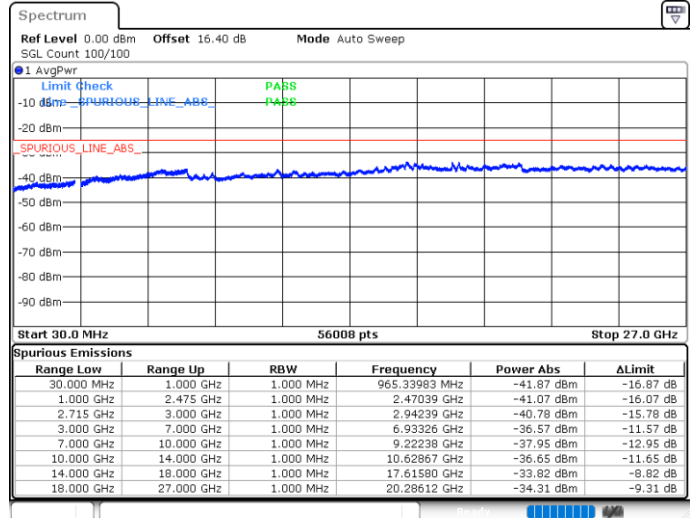
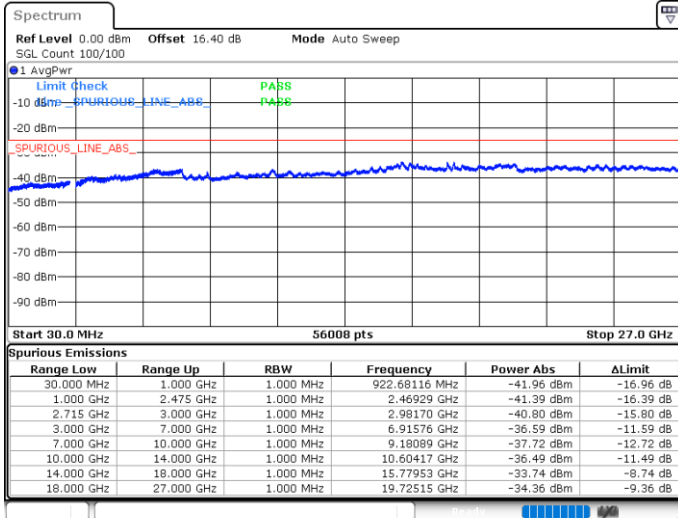
Date: 23.MAY.2020 05:30:47



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

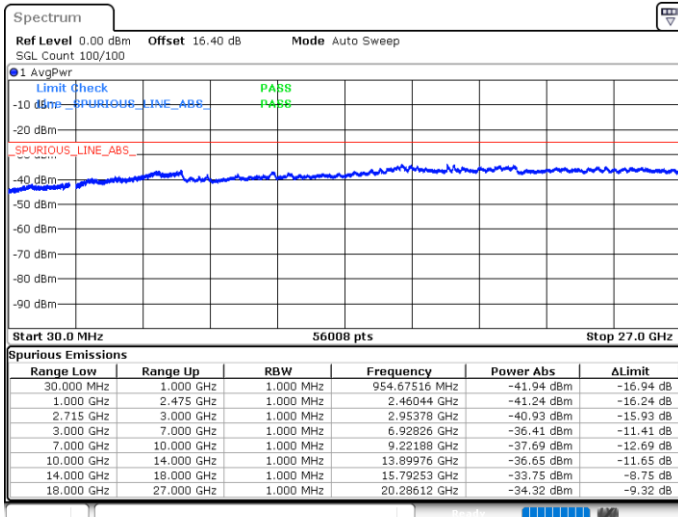
Middle Channel / 64QAM



Date: 23.MAY.2020 05:41:44

Date: 23.MAY.2020 05:42:35

Highest Channel / 64QAM



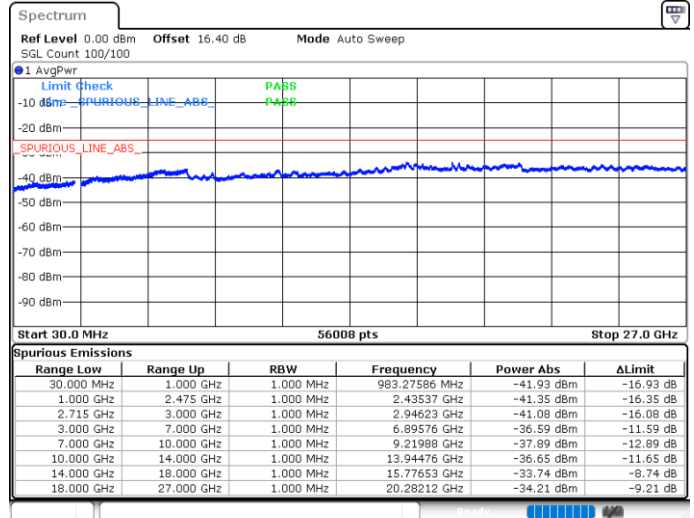
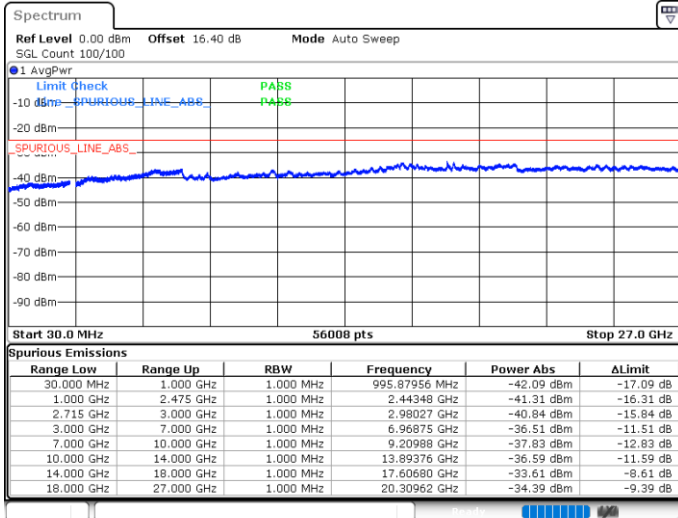
Date: 23.MAY.2020 05:43:25



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

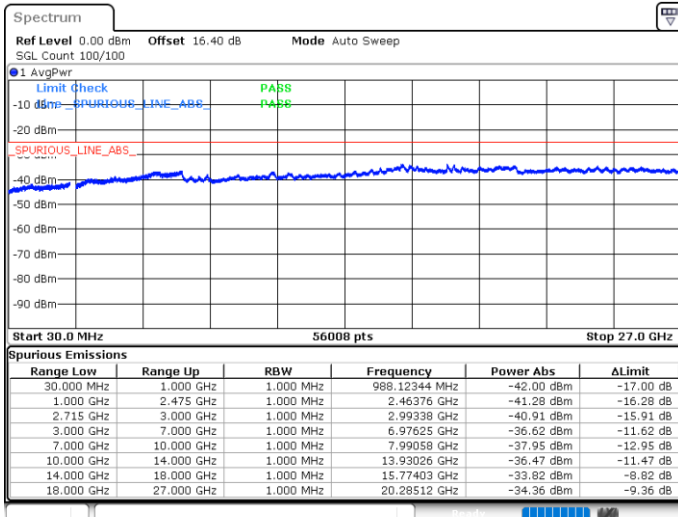
Middle Channel / 64QAM



Date: 23.MAY.2020 05:44:17

Date: 23.MAY.2020 05:45:07

Highest Channel / 64QAM



Date: 23.MAY.2020 05:45:57



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

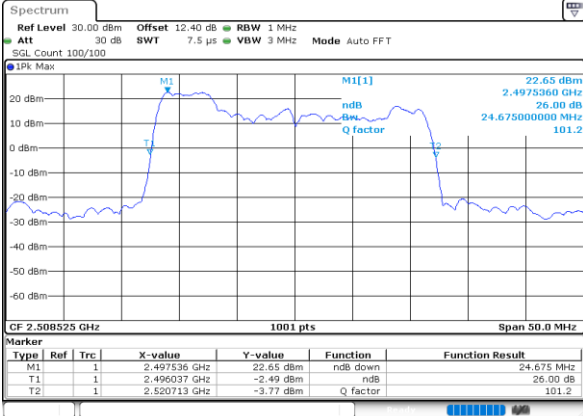
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.78	25.03	29.85	24.98	30.57
Middle CH	24.78	25.03	29.97	25.13	30.45
Highest CH	24.73	24.93	29.79	25.23	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	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

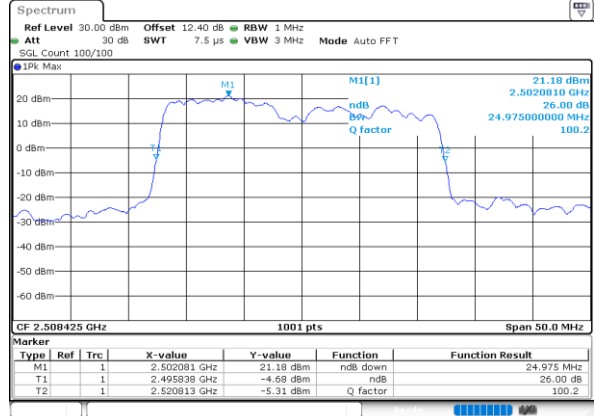
QPSK

Lowest Channel / 5MHz+20MHz



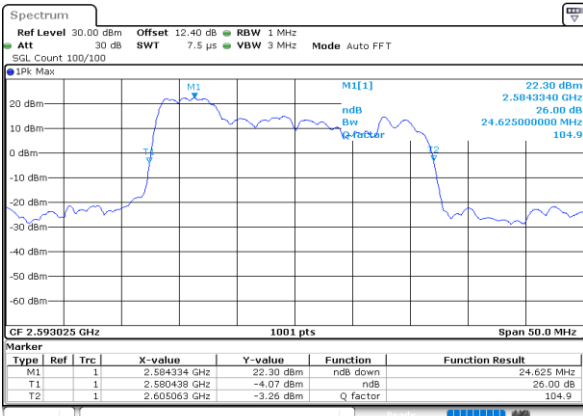
Date: 28.MAY.2020 04:28:24

Lowest Channel / 10MHz+15MHz



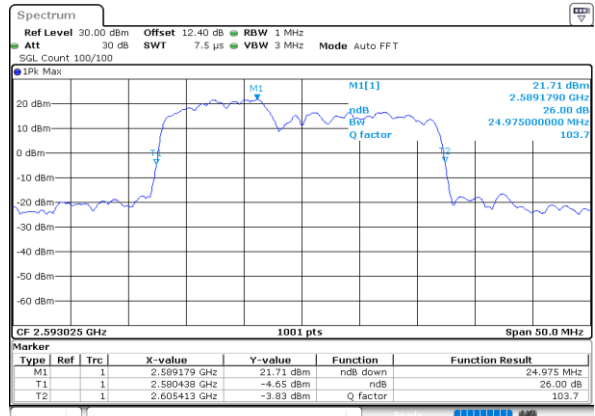
Date: 28.MAY.2020 04:05:12

Middle Channel / 5MHz+20MHz



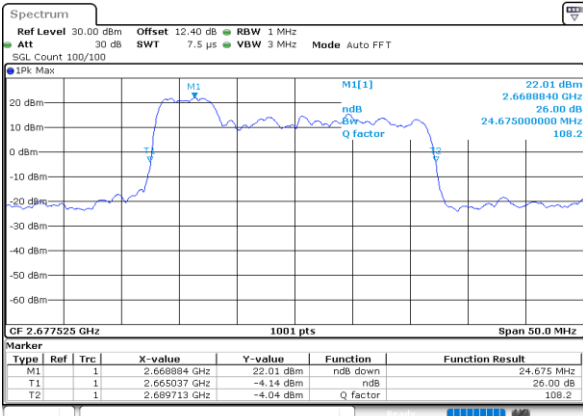
Date: 28.MAY.2020 04:31:30

Middle Channel / 10MHz+15MHz



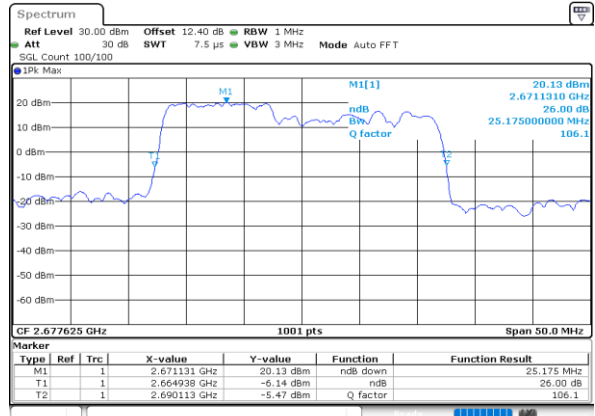
Date: 28.MAY.2020 04:09:09

Highest Channel / 5MHz+20MHz



Date: 28.MAY.2020 04:34:56

Highest Channel / 10MHz+15MHz



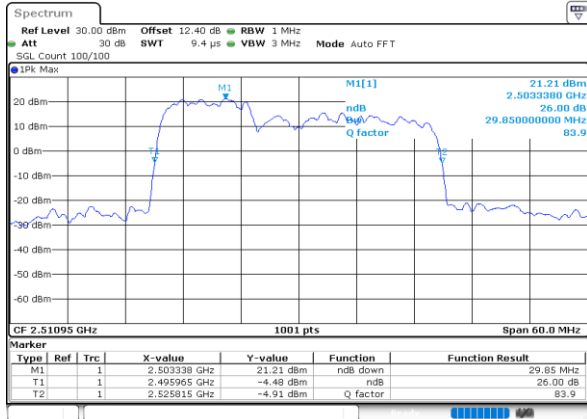
Date: 28.MAY.2020 04:13:01



LTE Band 41C

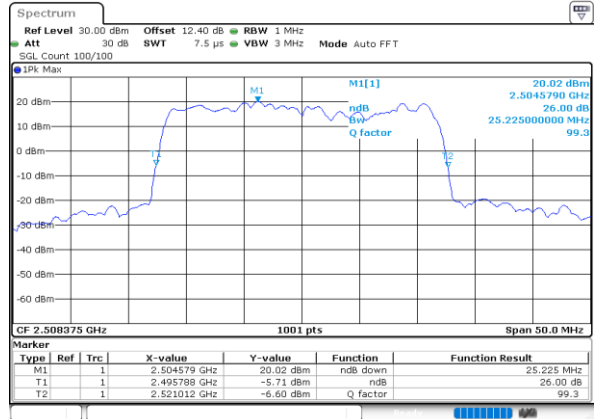
QPSK

Lowest Channel / 10MHz+20MHz



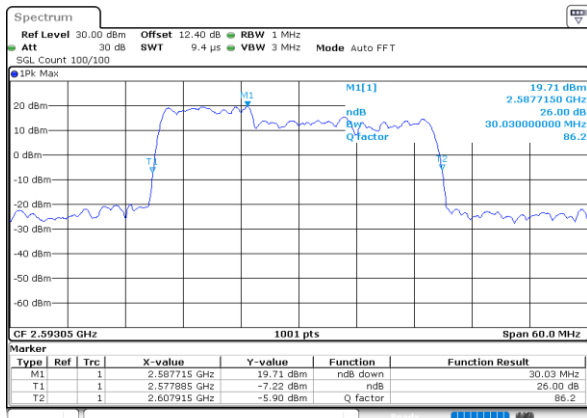
Date: 28.MAY.2020 03:37:22

Lowest Channel / 15MHz+10MHz



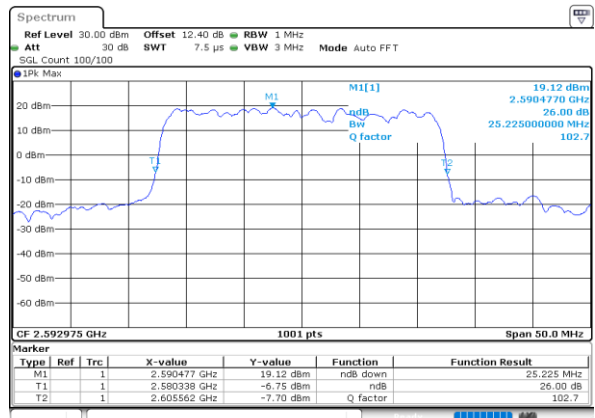
Date: 28.MAY.2020 03:51:14

Middle Channel / 10MHz+20MHz



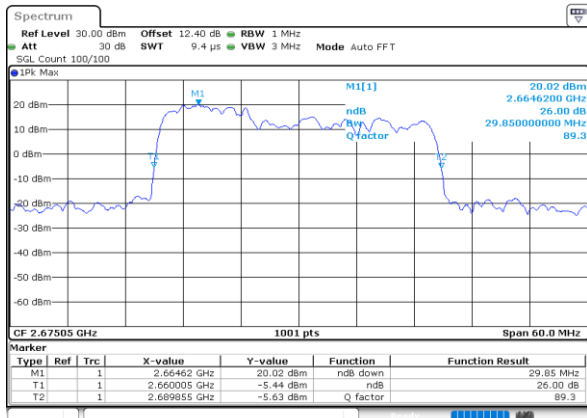
Date: 28.MAY.2020 03:40:55

Middle Channel / 15MHz+10MHz



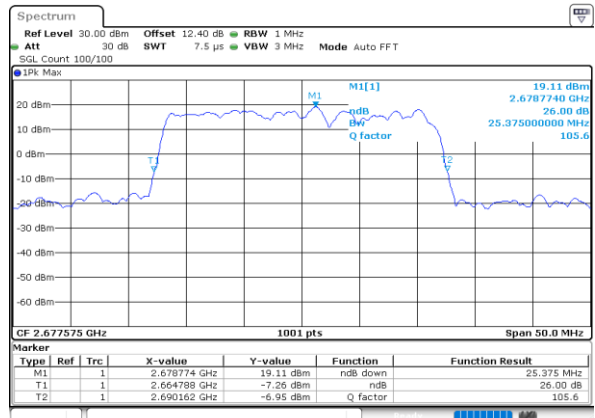
Date: 28.MAY.2020 03:54:15

Highest Channel / 10MHz+20MHz



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

Highest Channel / 15MHz+10MHz



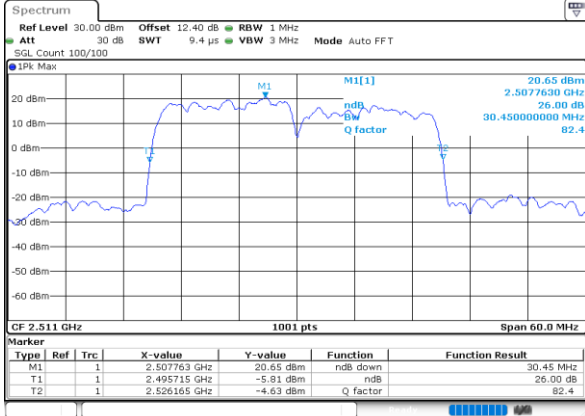
Date: 28.MAY.2020 03:56:39



LTE Band 41C

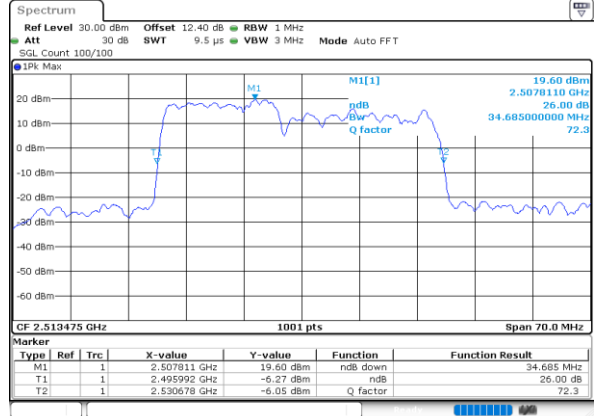
QPSK

Lowest Channel / 15MHz+15MHz



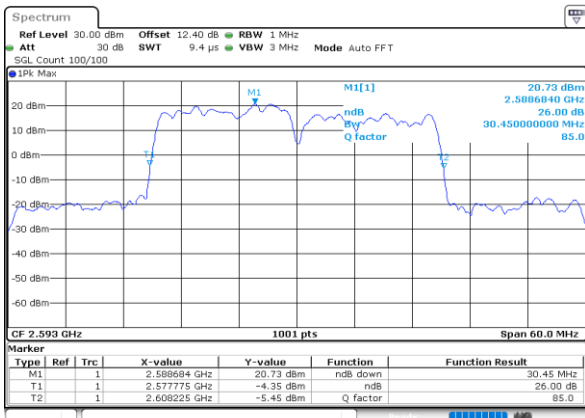
Date: 28.MAY.2020 03:09:17

Lowest Channel / 15MHz+20MHz



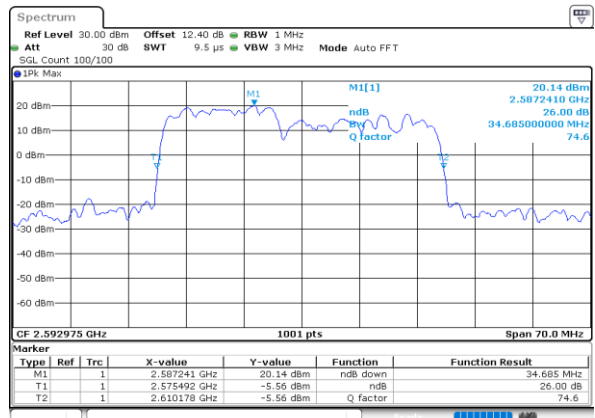
Date: 28.MAY.2020 02:58:30

Middle Channel / 15MHz+15MHz



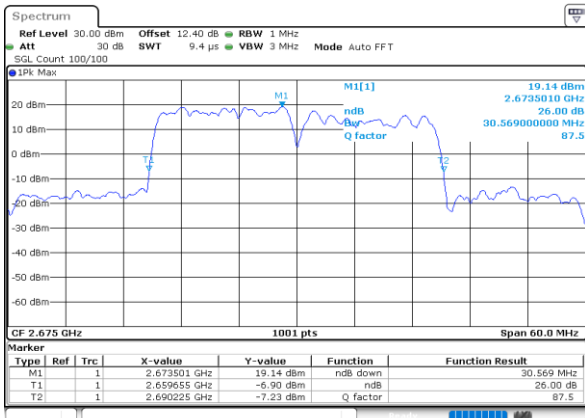
Date: 28.MAY.2020 03:13:39

Middle Channel / 15MHz+20MHz



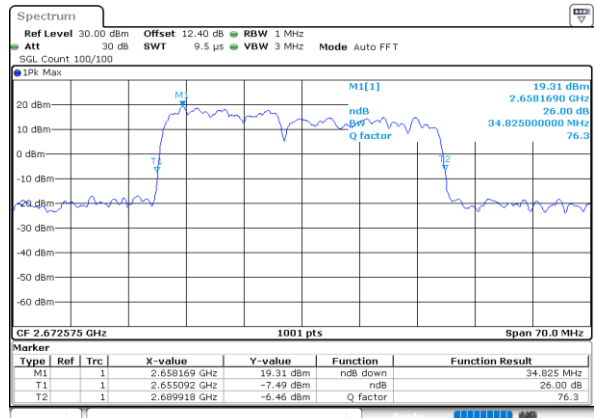
Date: 28.MAY.2020 03:10:13

Highest Channel / 15MHz+15MHz



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

Highest Channel / 15MHz+20MHz



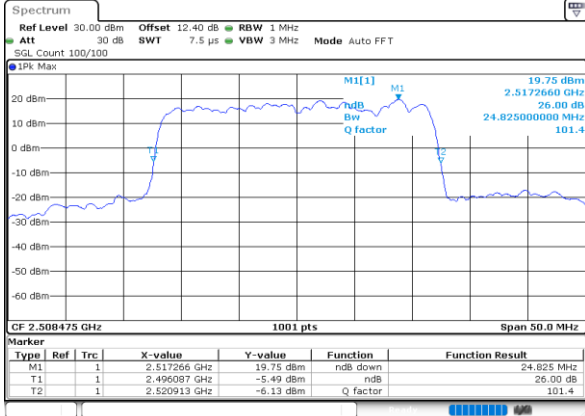
Date: 28.MAY.2020 03:10:13



LTE Band 41C

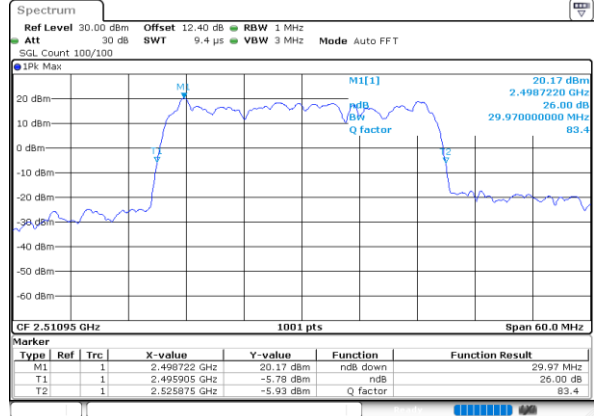
QPSK

Lowest Channel / 20MHz+5MHz



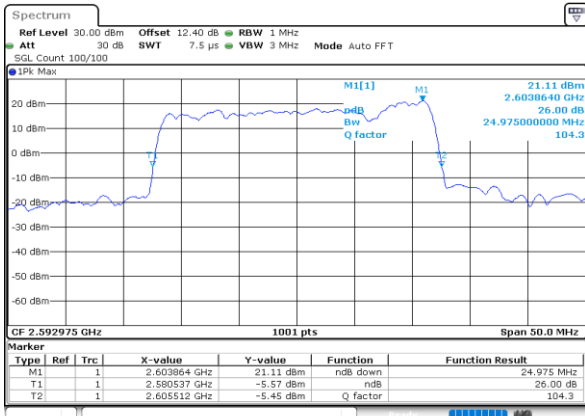
Date: 28.MAY.2020 04:18:17

Lowest Channel / 20MHz+10MHz



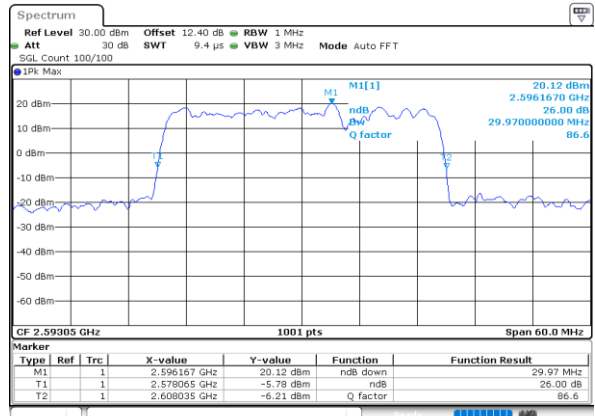
Date: 28.MAY.2020 03:21:46

Middle Channel / 20MHz+5MHz



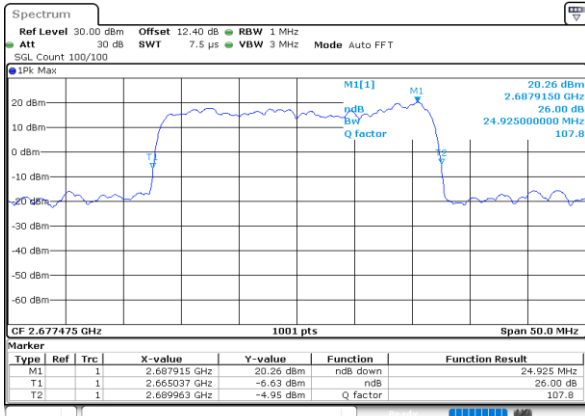
Date: 28.MAY.2020 04:21:12

Middle Channel / 20MHz+10MHz



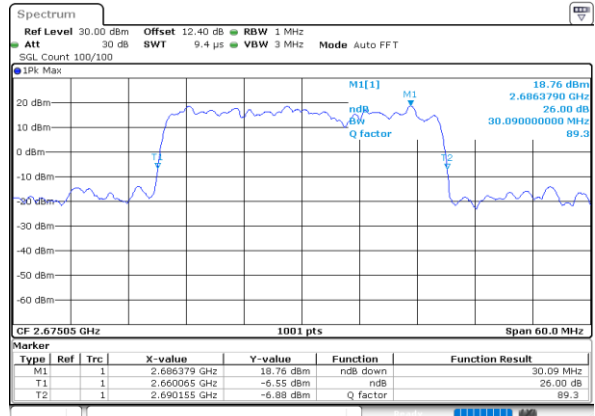
Date: 28.MAY.2020 03:26:28

Highest Channel / 20MHz+5MHz



Date: 28.MAY.2020 04:24:04

Highest Channel / 20MHz+10MHz



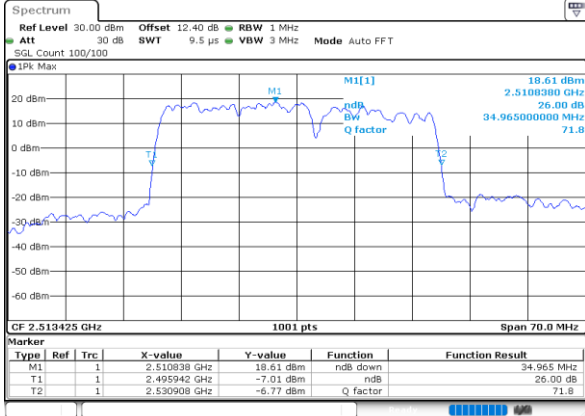
Date: 28.MAY.2020 03:32:53



LTE Band 41C

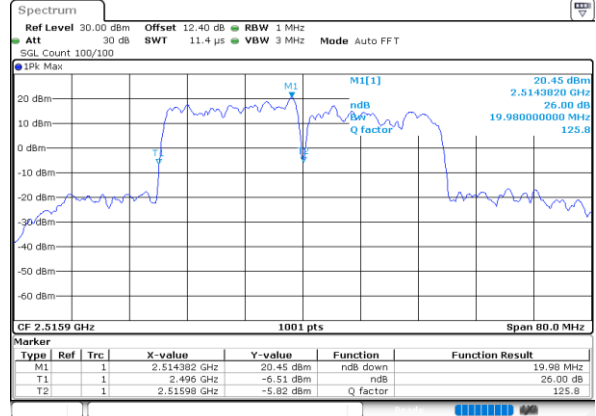
QPSK

Lowest Channel / 20MHz+15MHz



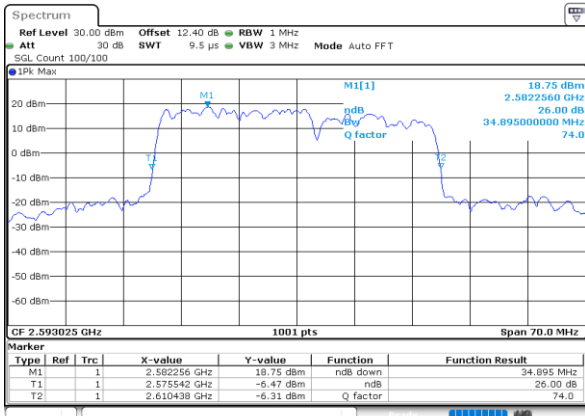
Date: 28.MAY.2020 02:40:27

Lowest Channel / 20MHz+20MHz



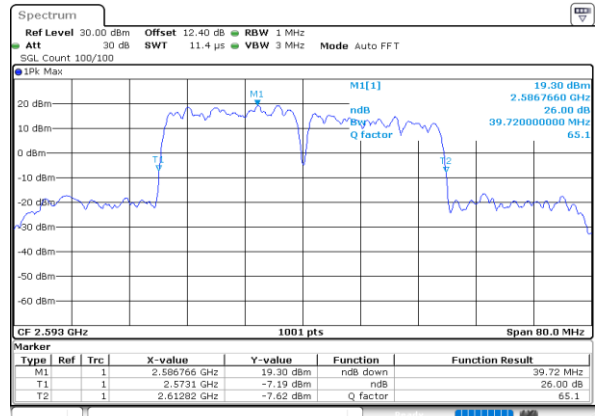
Date: 28.MAY.2020 02:29:53

Middle Channel / 20MHz+15MHz



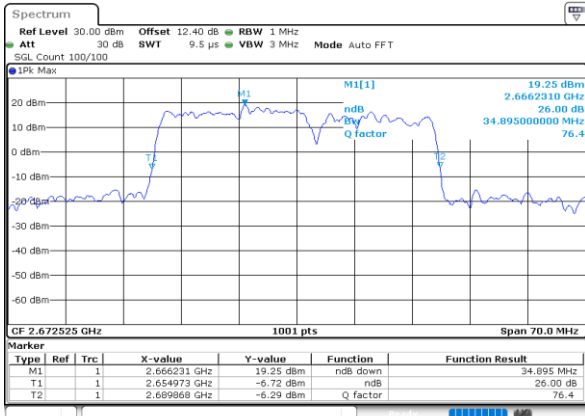
Date: 28.MAY.2020 02:50:37

Middle Channel / 20MHz+20MHz



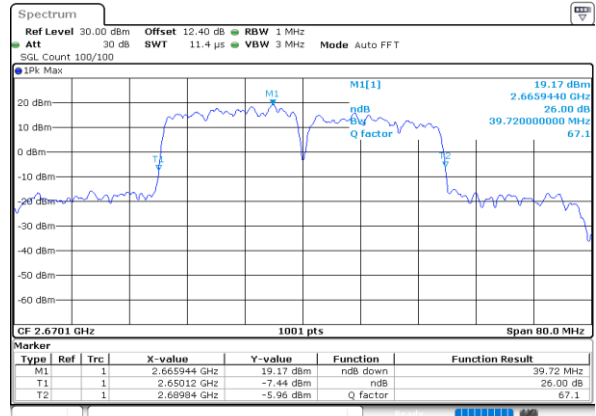
Date: 28.MAY.2020 02:13:21

Highest Channel / 20MHz+15MHz



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

Highest Channel / 20MHz+20MHz



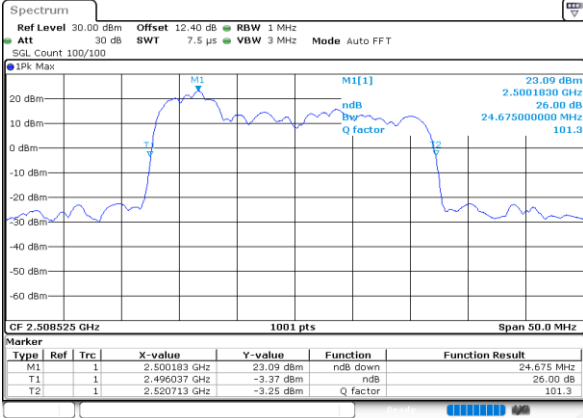
Date: 28.MAY.2020 02:16:02



LTE Band 41C

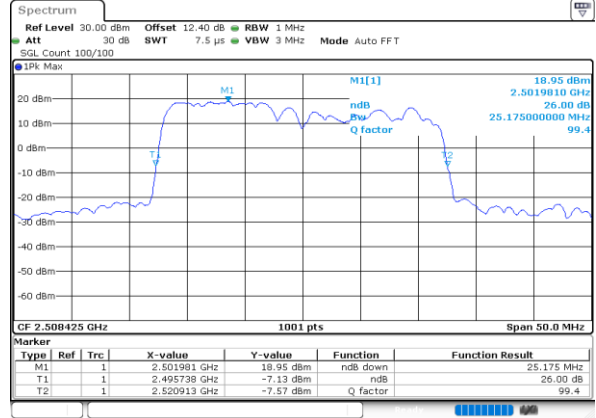
16QAM

Lowest Channel / 5MHz+20MHz



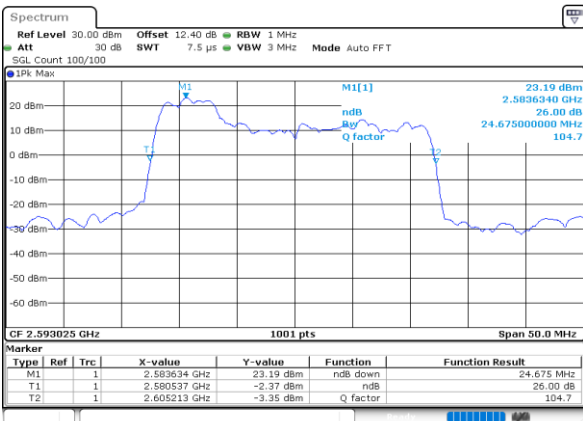
Date: 28.MAY.2020 04:28:00

Lowest Channel / 10MHz+15MHz



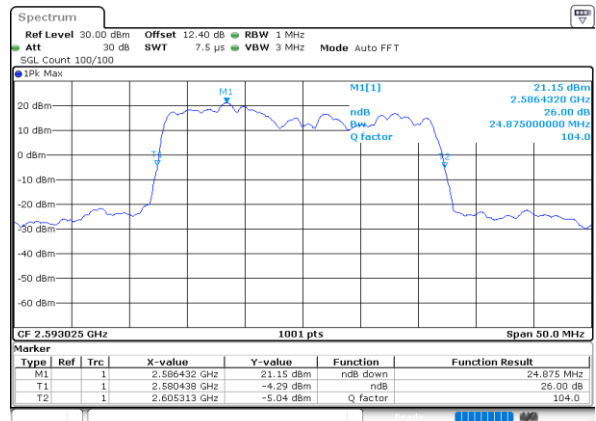
Date: 28.MAY.2020 04:10:49

Middle Channel / 5MHz+20MHz



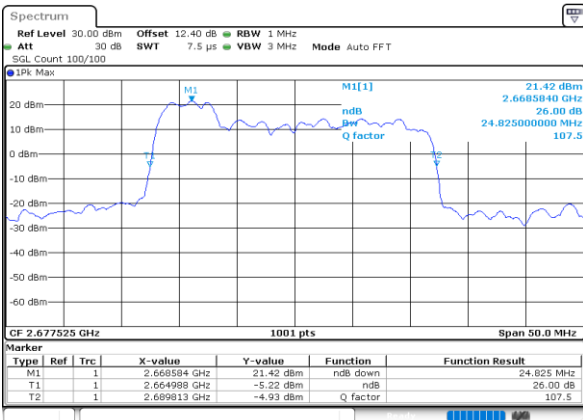
Date: 28.MAY.2020 04:31:06

Middle Channel / 10MHz+15MHz



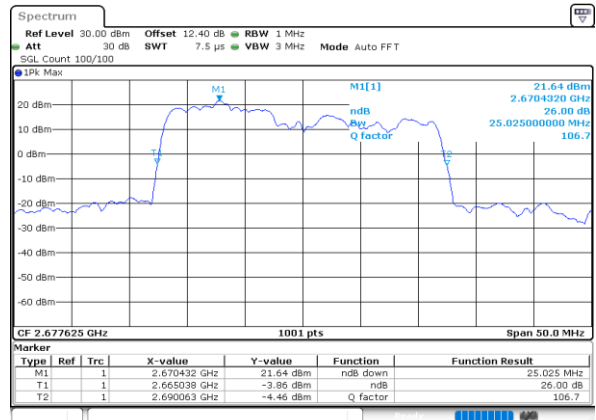
Date: 28.MAY.2020 04:10:46

Highest Channel / 5MHz+20MHz



Date: 28.MAY.2020 04:35:19

Highest Channel / 10MHz+15MHz



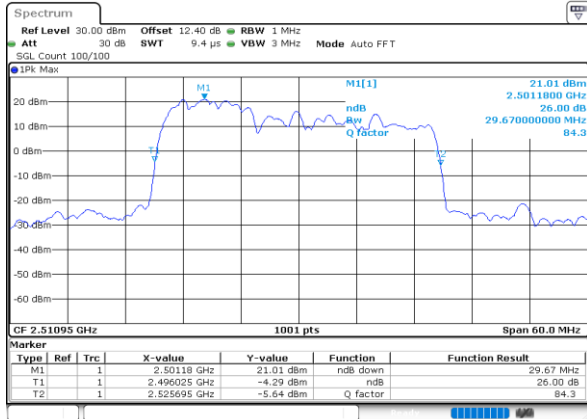
Date: 28.MAY.2020 04:13:24



LTE Band 41C

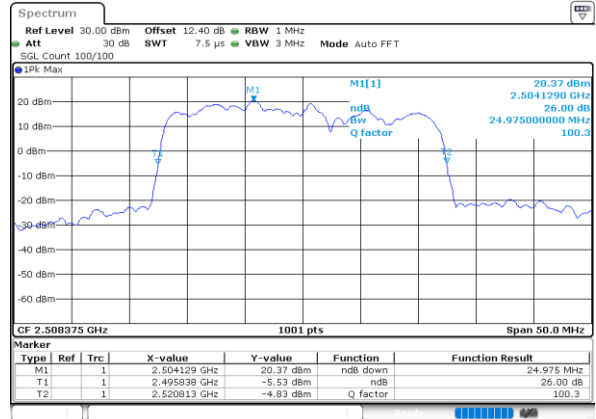
16QAM

Lowest Channel / 10MHz+20MHz



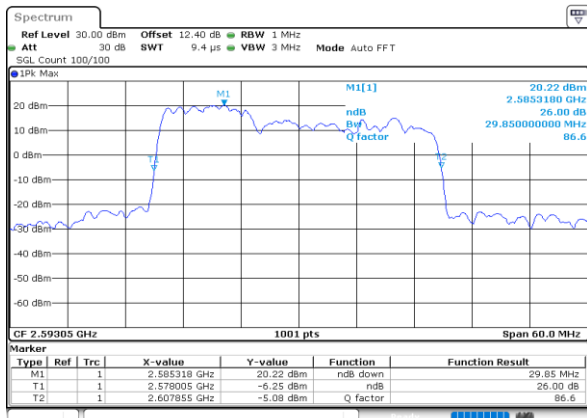
Date: 28.MAY.2020 03:36:59

Lowest Channel / 15MHz+10MHz



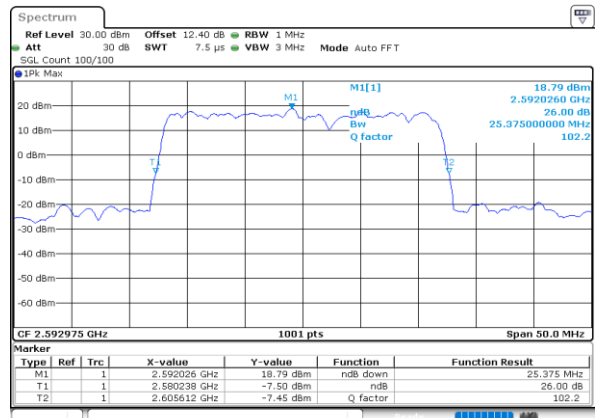
Date: 28.MAY.2020 03:50:51

Middle Channel / 10MHz+20MHz



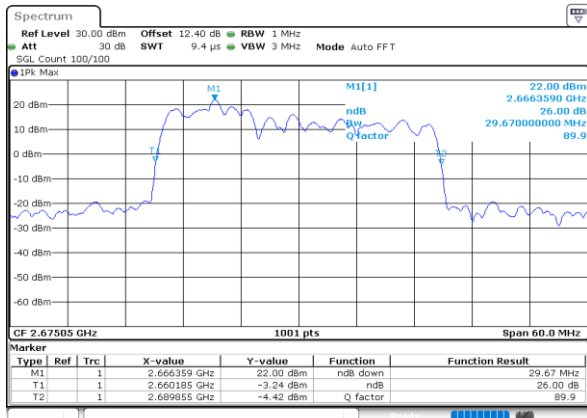
Date: 28.MAY.2020 03:40:32

Middle Channel / 15MHz+10MHz



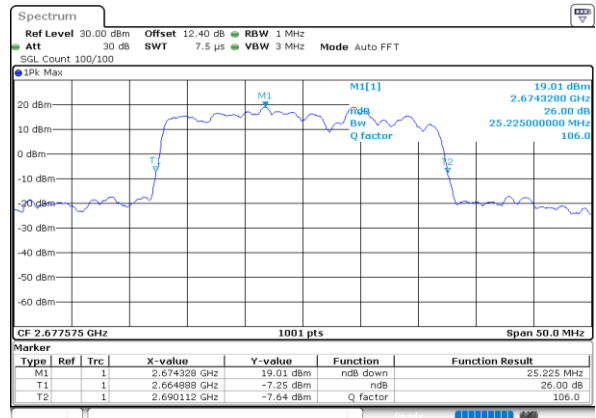
Date: 28.MAY.2020 03:53:51

Highest Channel / 10MHz+20MHz



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

Highest Channel / 15MHz+10MHz



Date: 28.MAY.2020 03:57:03

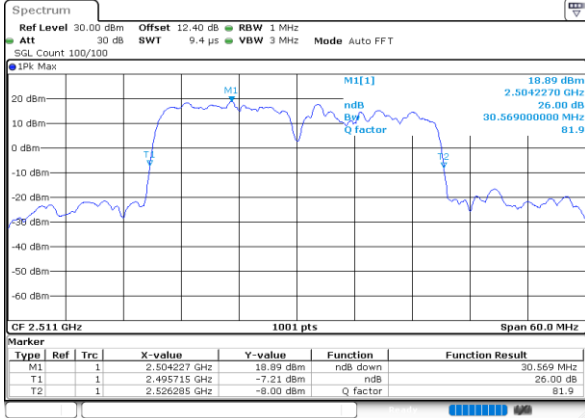




LTE Band 41C

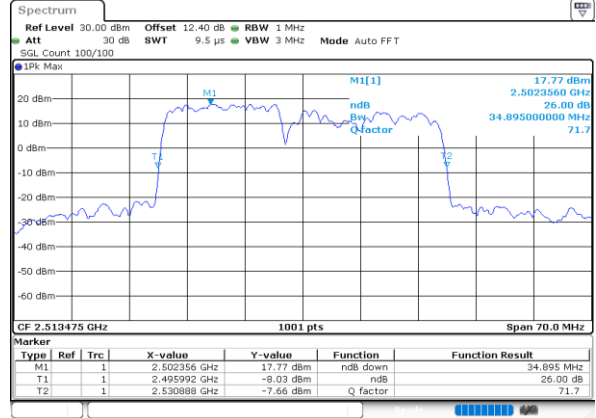
16QAM

Lowest Channel / 15MHz+15MHz



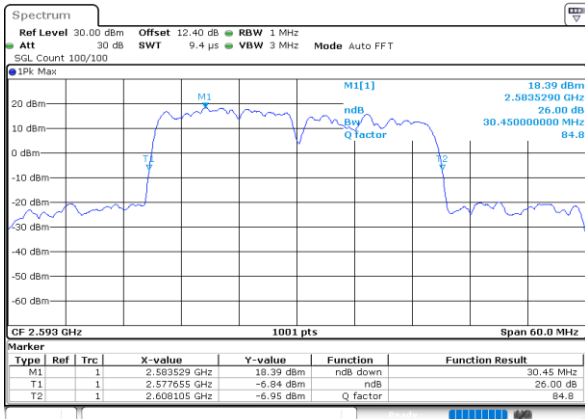
Date: 28.MAY.2020 03:08:53

Lowest Channel / 15MHz+20MHz



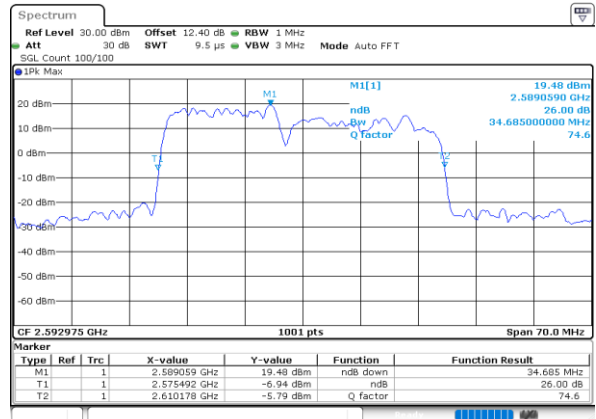
Date: 28.MAY.2020 02:15:07

Middle Channel / 15MHz+15MHz



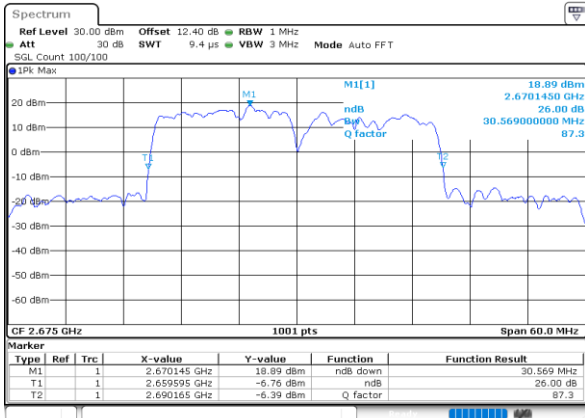
Date: 28.MAY.2020 03:13:16

Middle Channel / 15MHz+20MHz



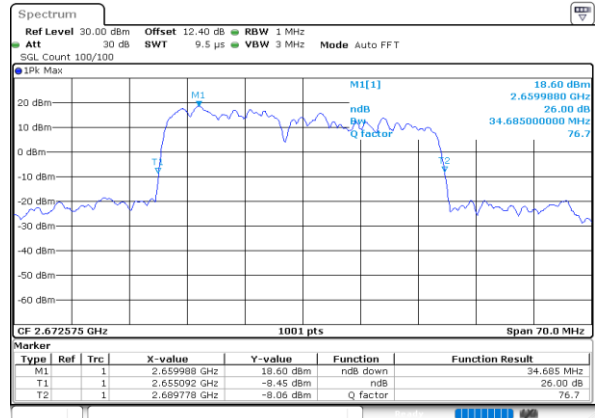
Date: 28.MAY.2020 03:10:150

Highest Channel / 15MHz+15MHz



Date: 28.MAY.2020 03:17:42

Highest Channel / 15MHz+20MHz



Date: 28.MAY.2020 03:10:459