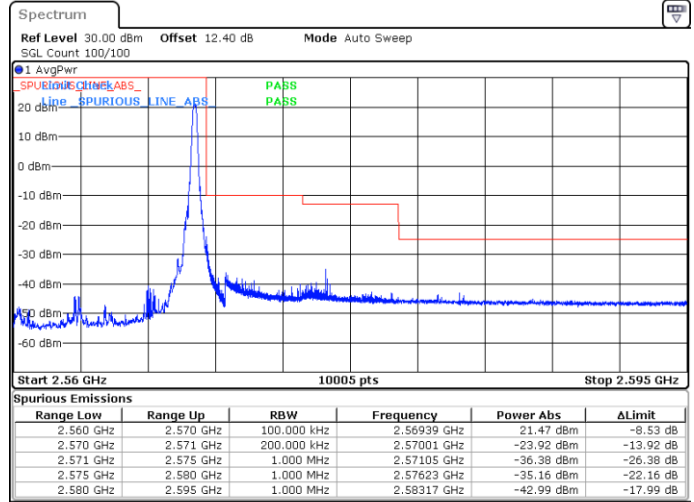
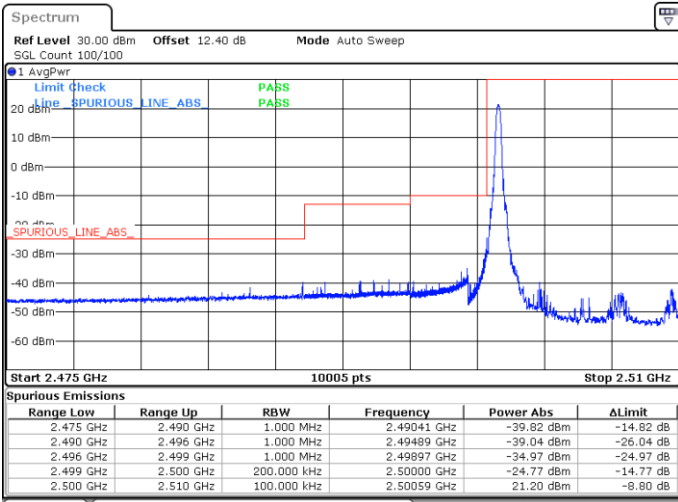




LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

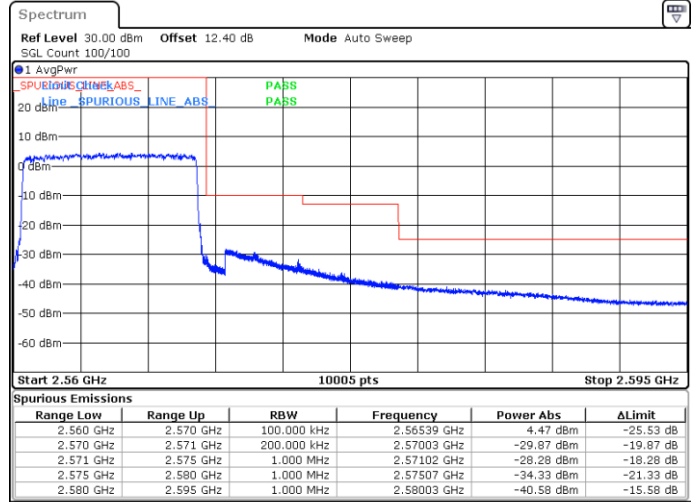
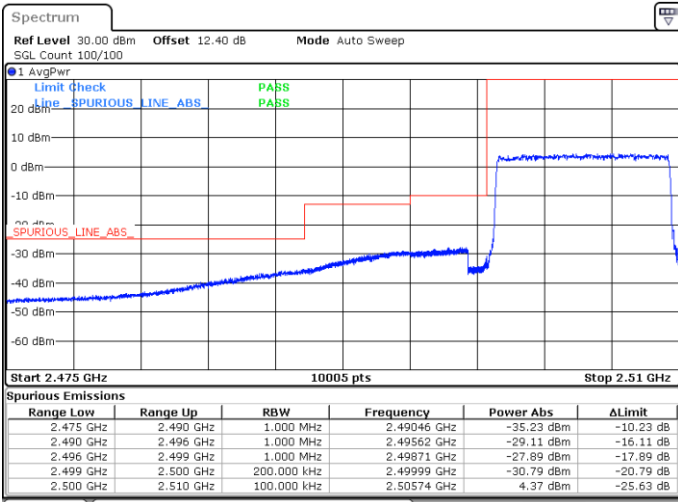


Date: 24.MAY.2020 23:07:51

Date: 24.MAY.2020 23:15:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.MAY.2020 23:09:11

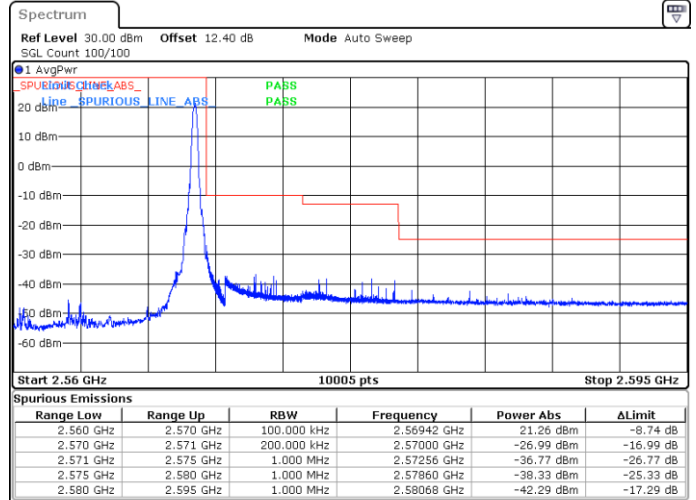
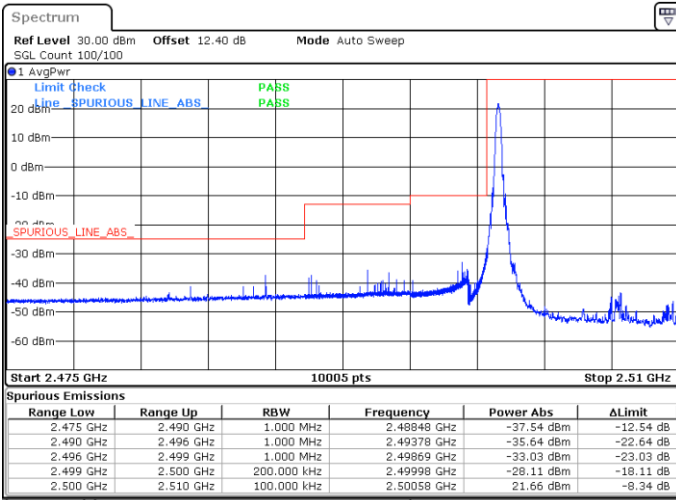
Date: 24.MAY.2020 23:16:44



LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

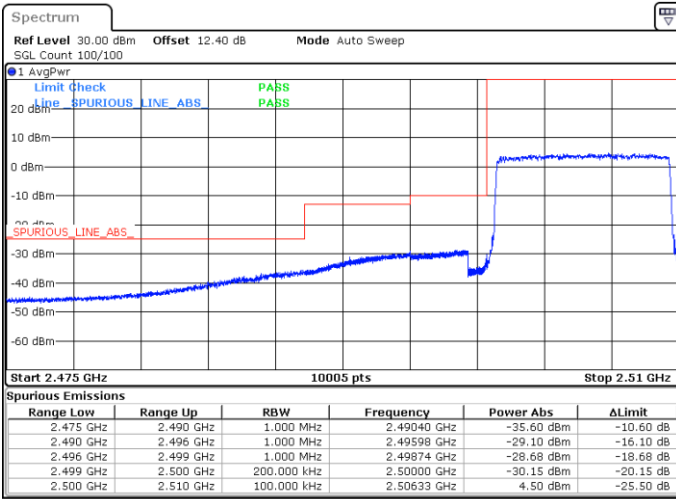


Date: 24.MAY.2020 23:19:28

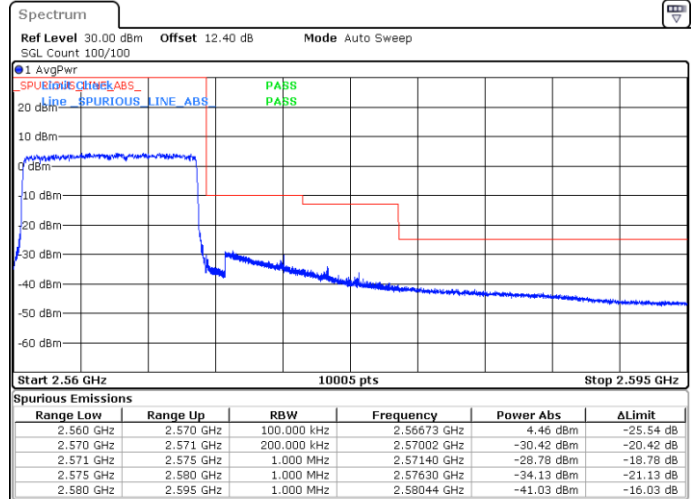
Date: 24.MAY.2020 23:23:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.MAY.2020 23:20:08



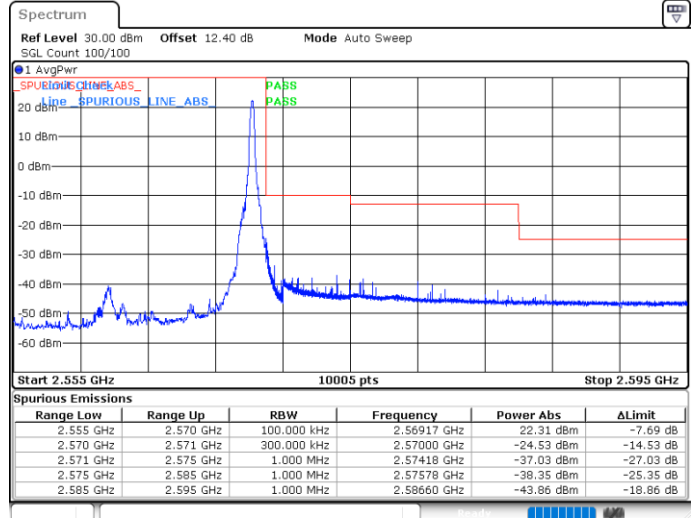
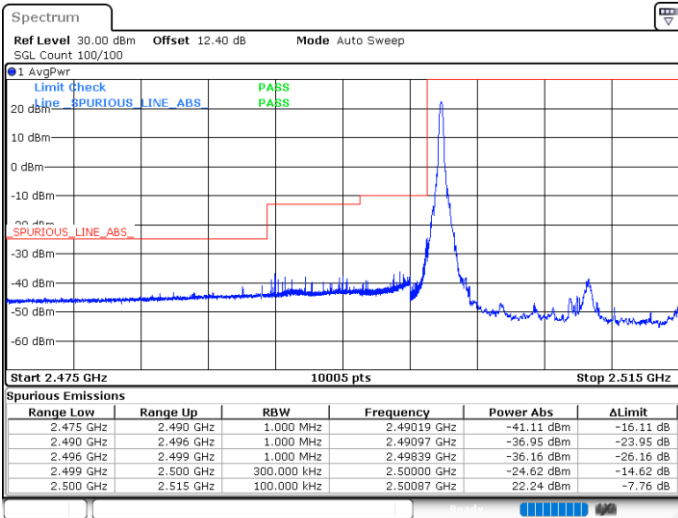
Date: 24.MAY.2020 23:23:54



LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

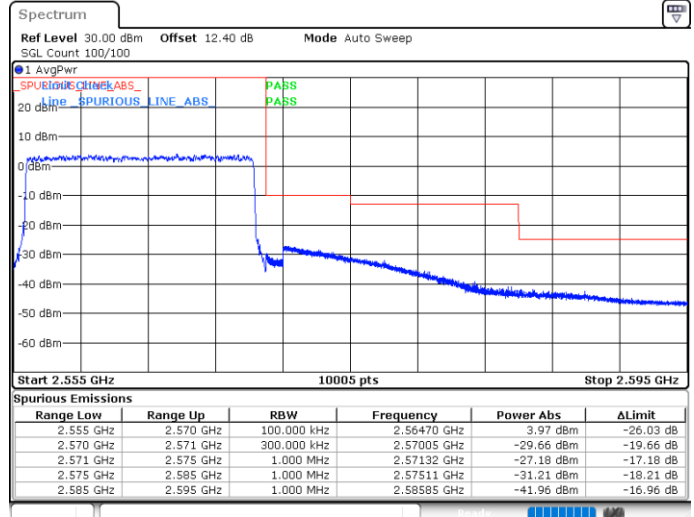
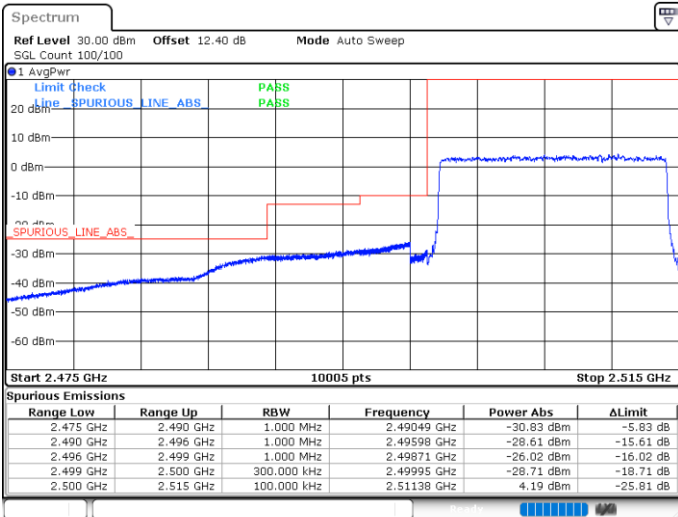


Date: 24.MAY.2020 23:26:12

Date: 24.MAY.2020 23:33:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.MAY.2020 23:27:34

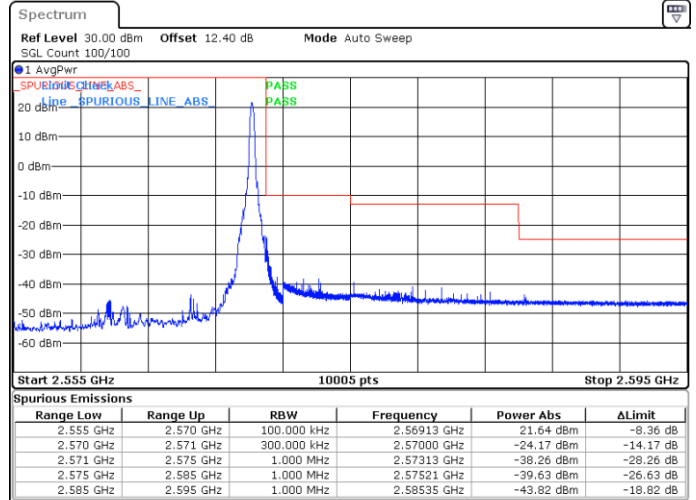
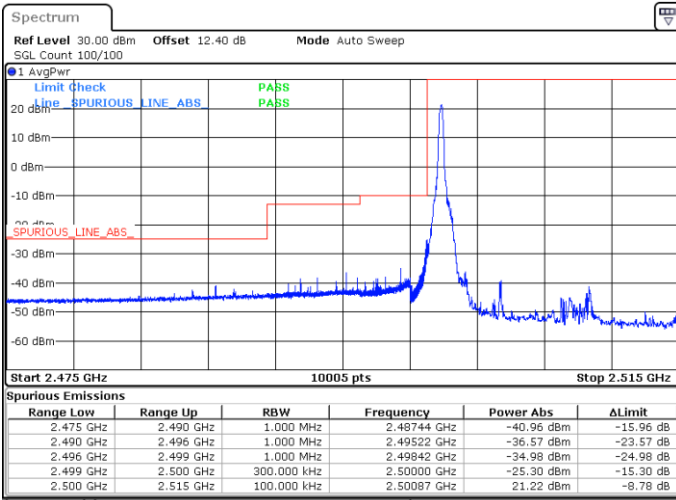
Date: 24.MAY.2020 23:35:07



LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

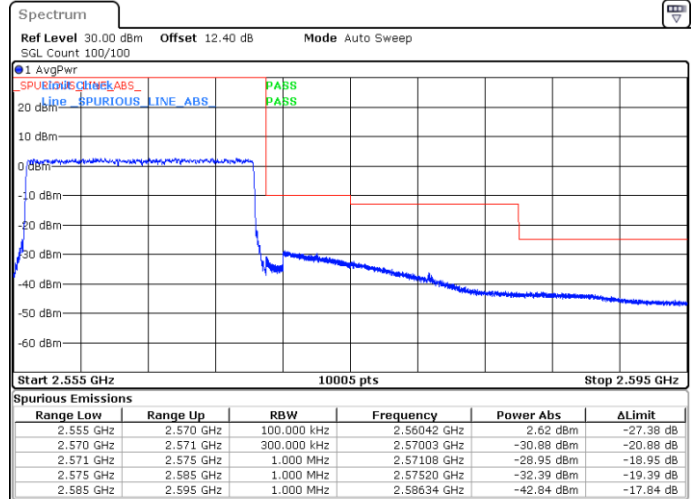
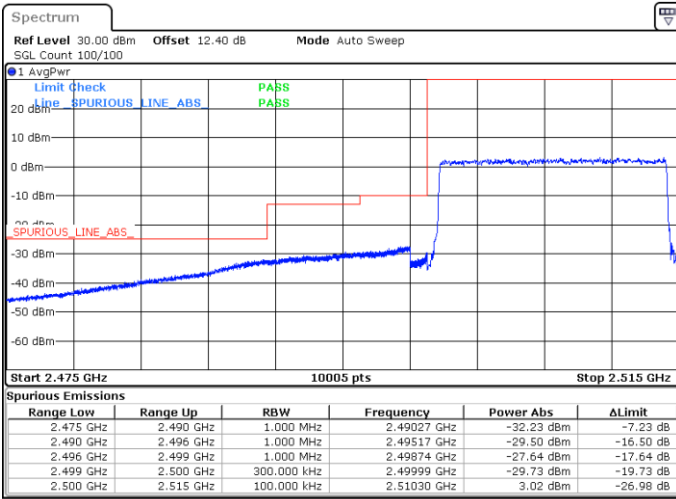


Date: 24.MAY.2020 23:26:53

Date: 24.MAY.2020 23:34:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



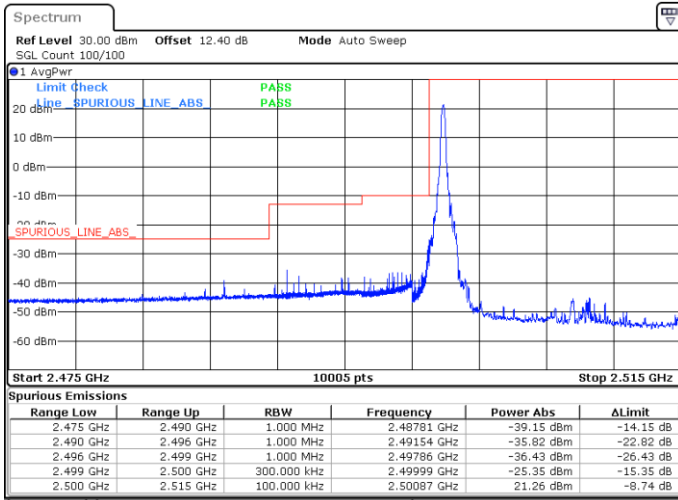
Date: 24.MAY.2020 23:28:15

Date: 24.MAY.2020 23:35:47



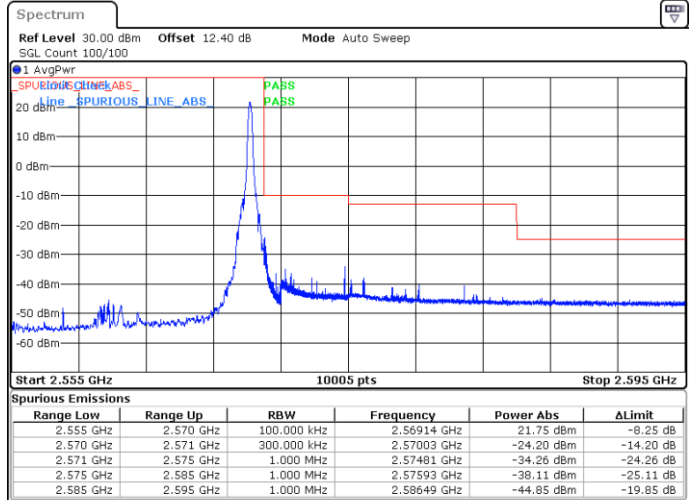
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



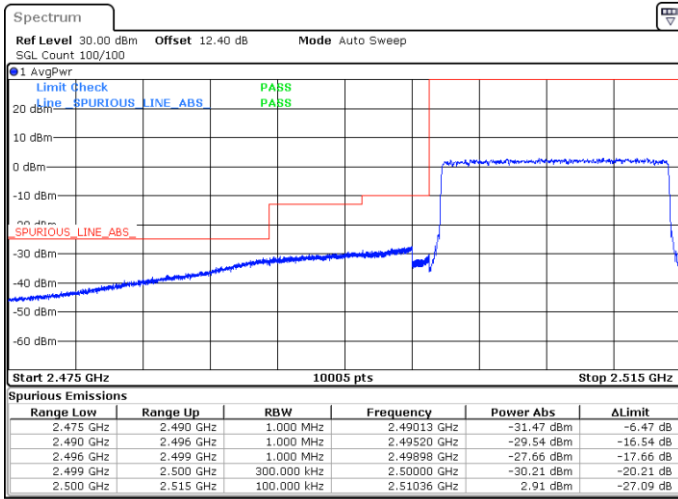
Date: 24.MAY.2020 23:38:31

Highest Band Edge / 1 RB



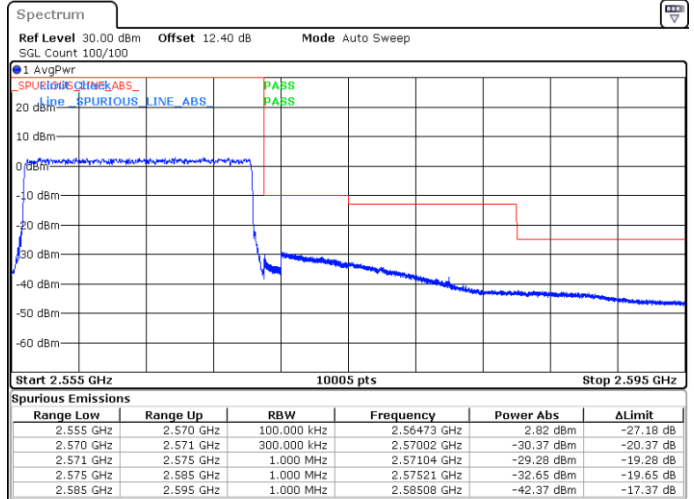
Date: 24.MAY.2020 23:42:18

Lowest Band Edge / Full RB



Date: 24.MAY.2020 23:39:12

Highest Band Edge / Full RB



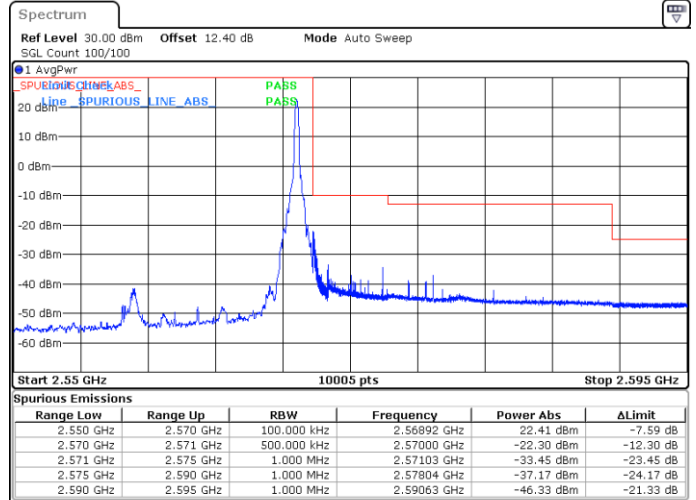
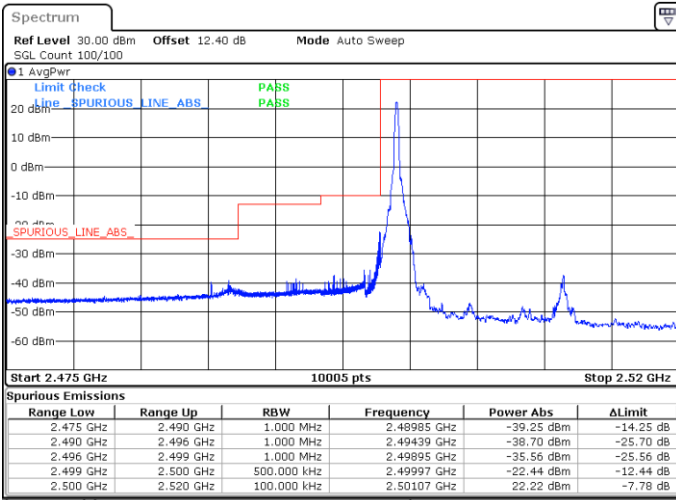
Date: 24.MAY.2020 23:42:58



LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

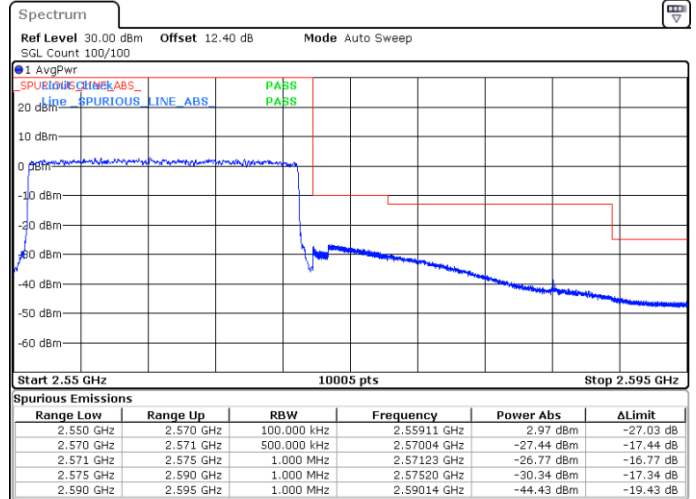
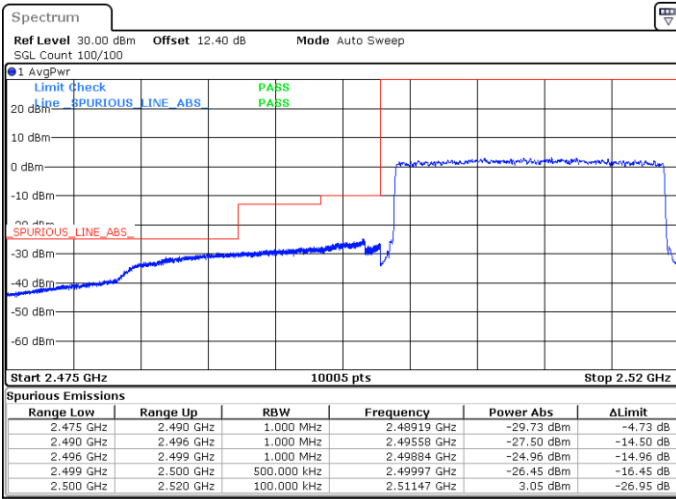


Date: 24.MAY.2020 23:45:17

Date: 24.MAY.2020 23:52:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.MAY.2020 23:46:38

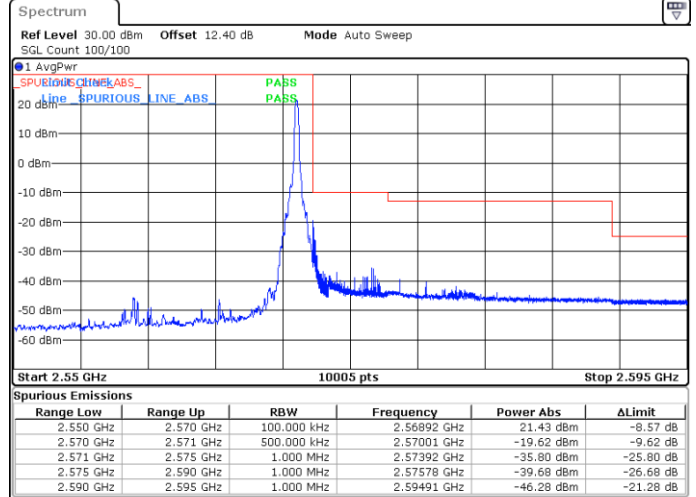
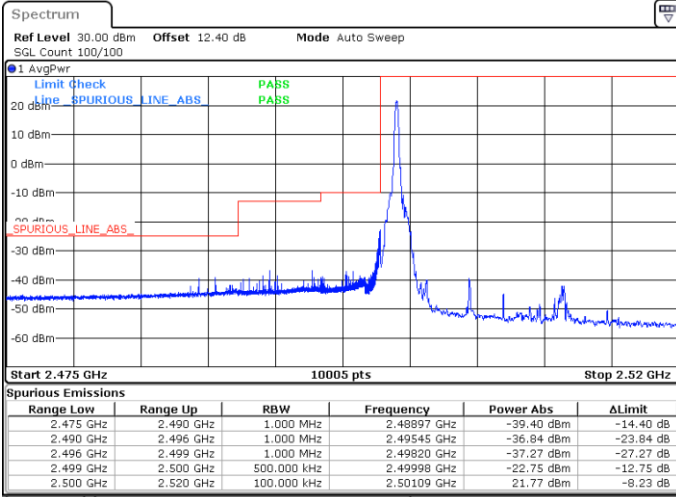
Date: 24.MAY.2020 23:54:52



LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1RB

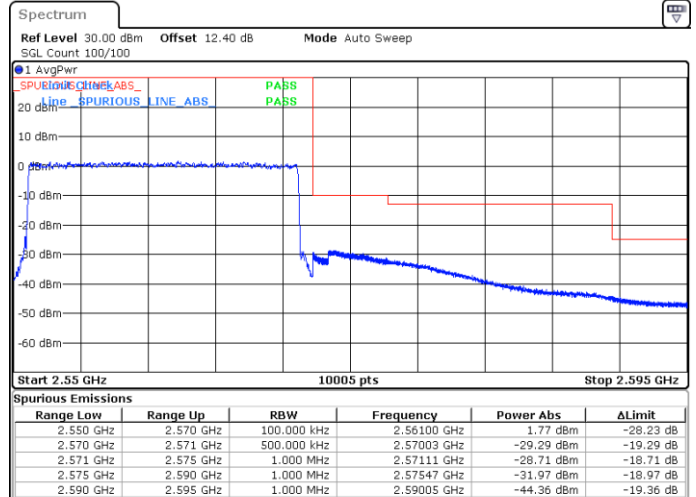
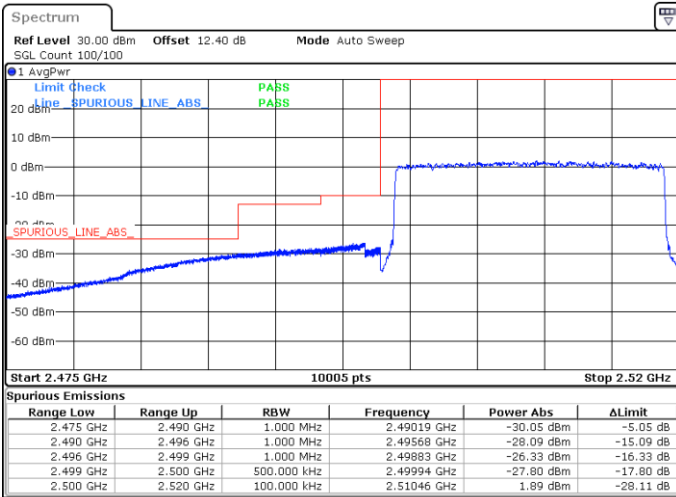


Date: 24.MAY.2020 23:45:57

Date: 24.MAY.2020 23:53:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.MAY.2020 23:47:19

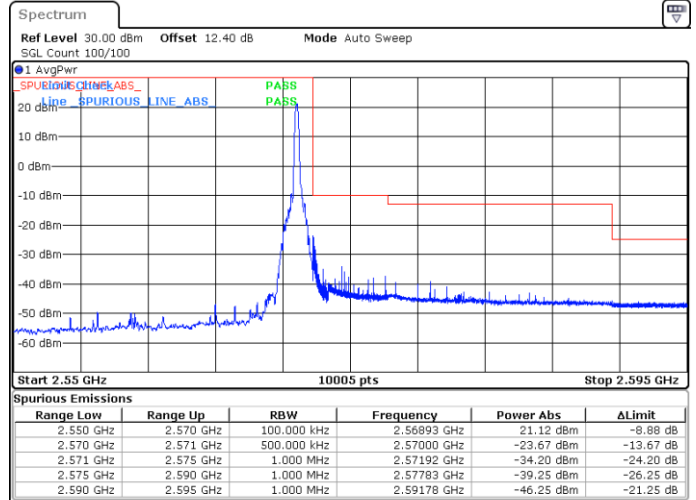
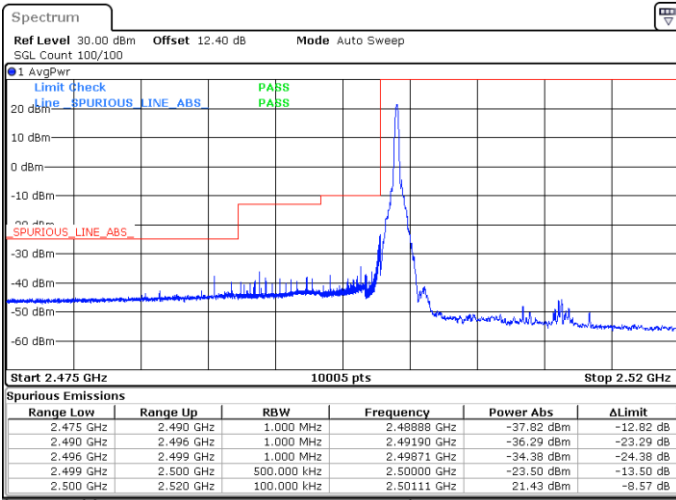
Date: 24.MAY.2020 23:54:12



LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

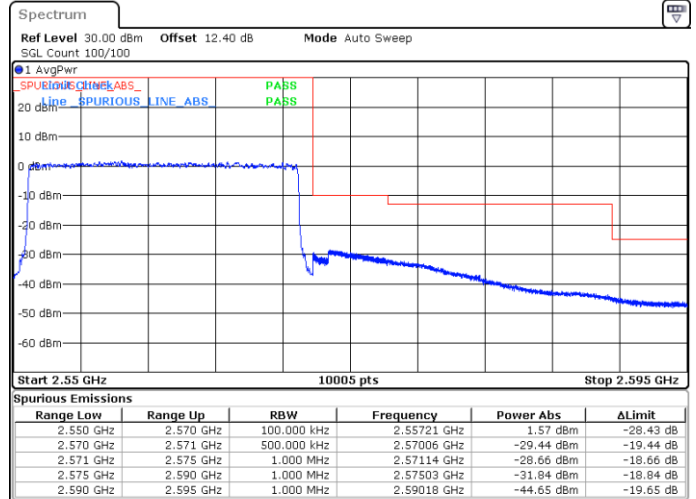
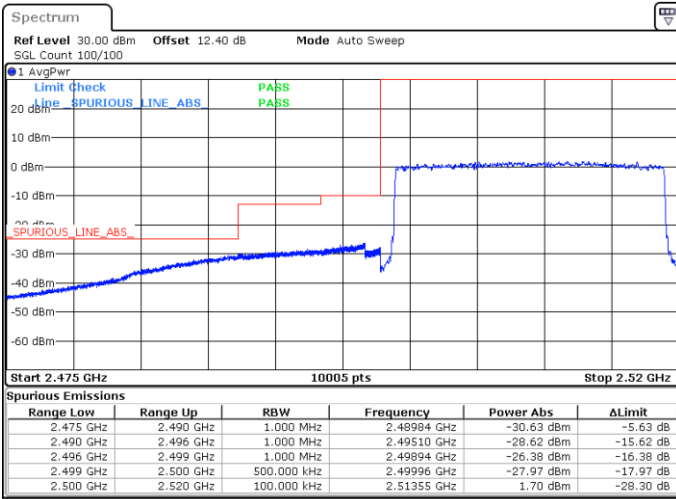


Date: 24.MAY.2020 23:57:36

Date: 25.MAY.2020 00:01:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.MAY.2020 23:58:17

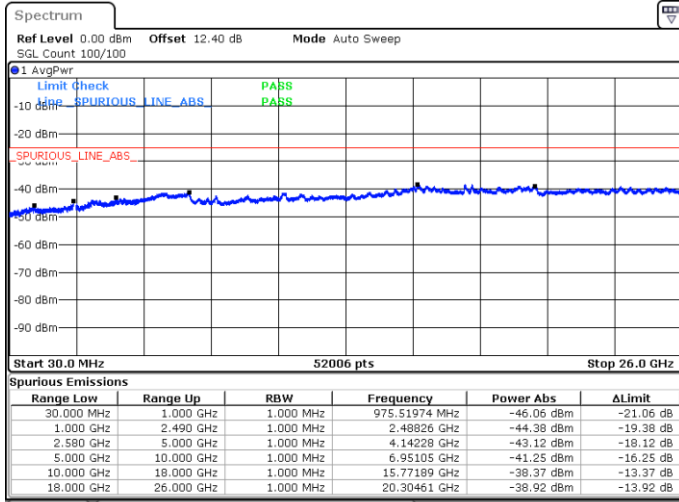
Date: 25.MAY.2020 00:02:03



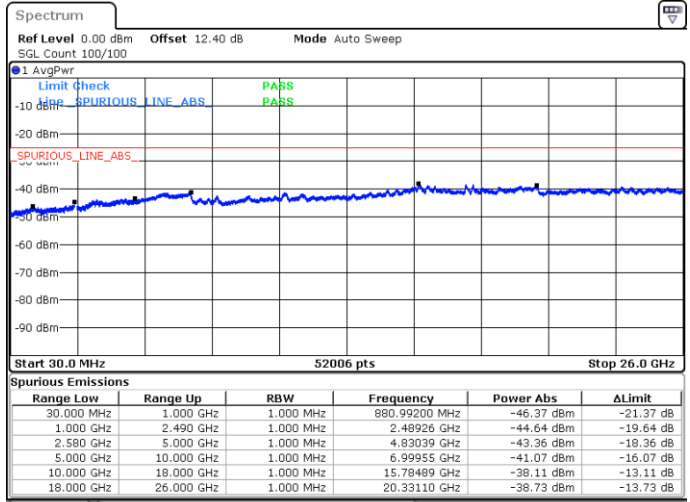
Conducted Spurious Emission

LTE Band 7 / 5MHz

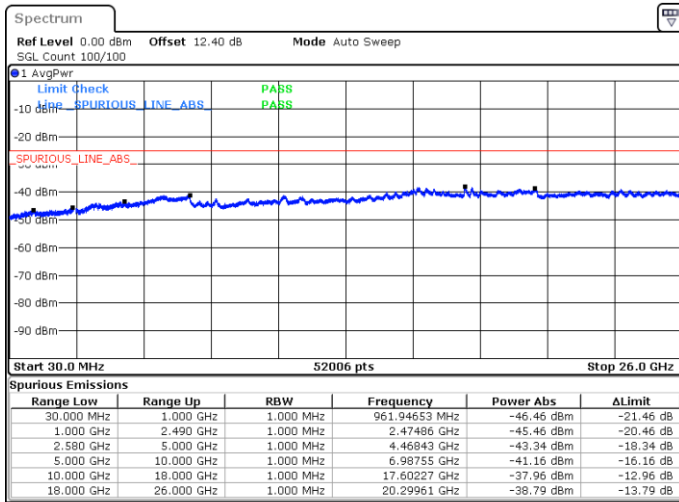
Lowest Channel / QPSK



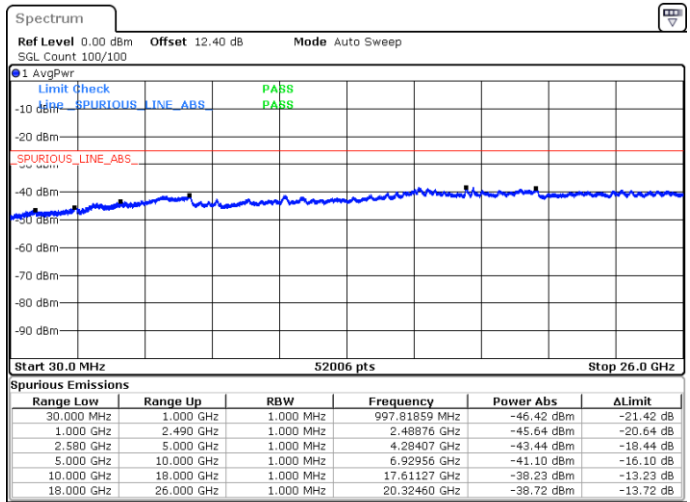
Lowest Channel / 16QAM



Middle Channel / QPSK



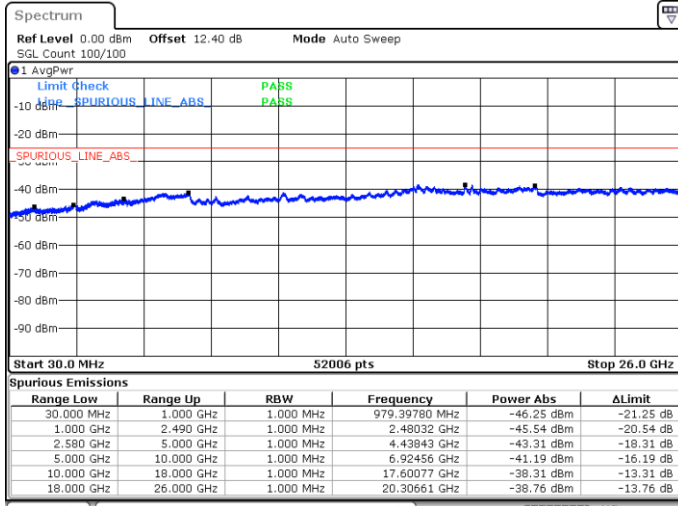
Middle Channel / 16QAM





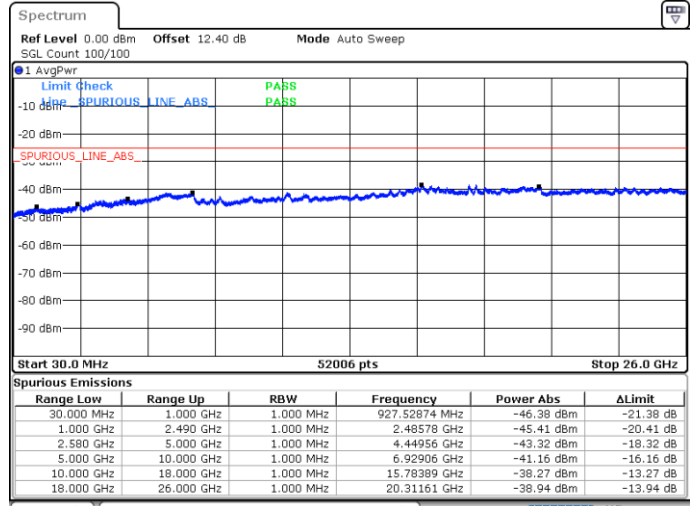
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 24.MAY.2020 22:58:31

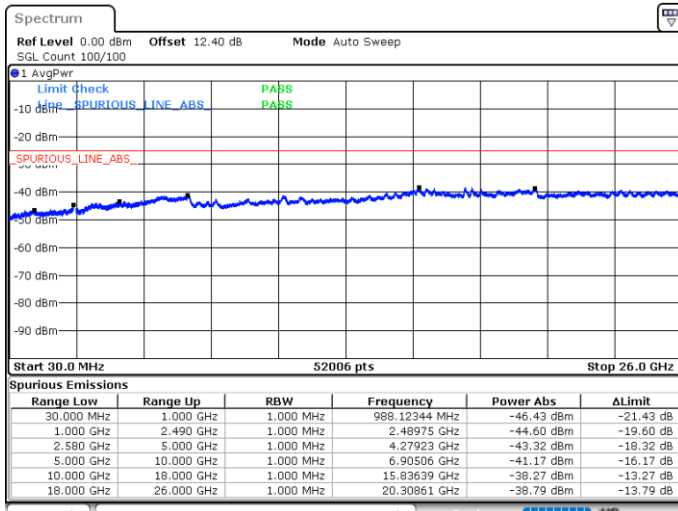
Highest Channel / 16QAM



Date: 24.MAY.2020 22:59:21

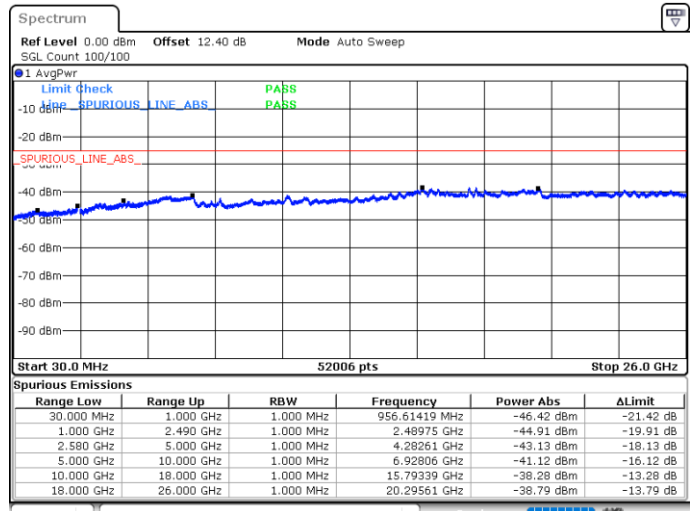
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 24.MAY.2020 23:10:01

Lowest Channel / 16QAM



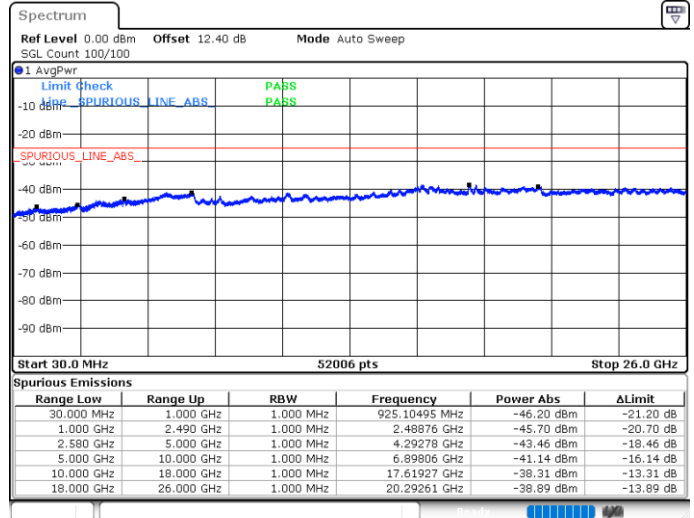
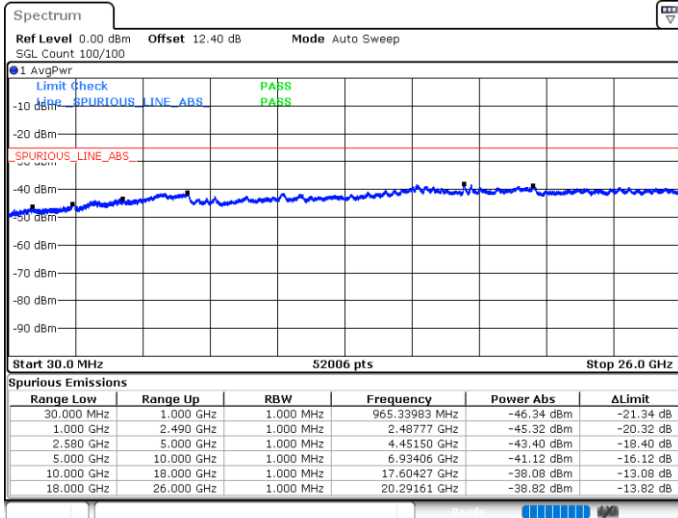
Date: 24.MAY.2020 23:10:51



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

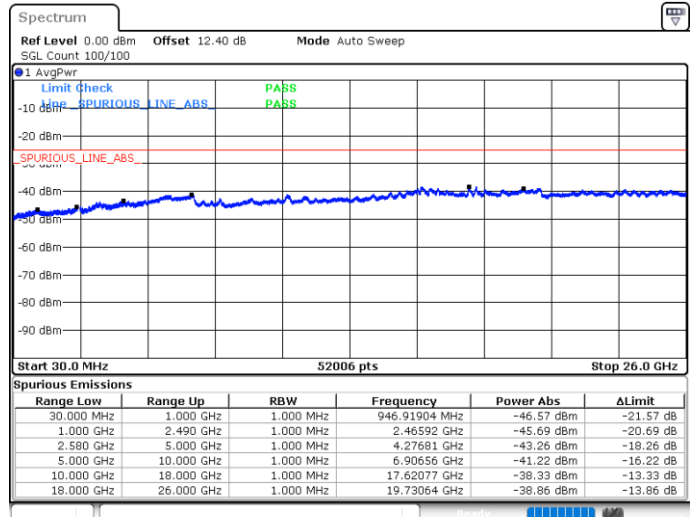
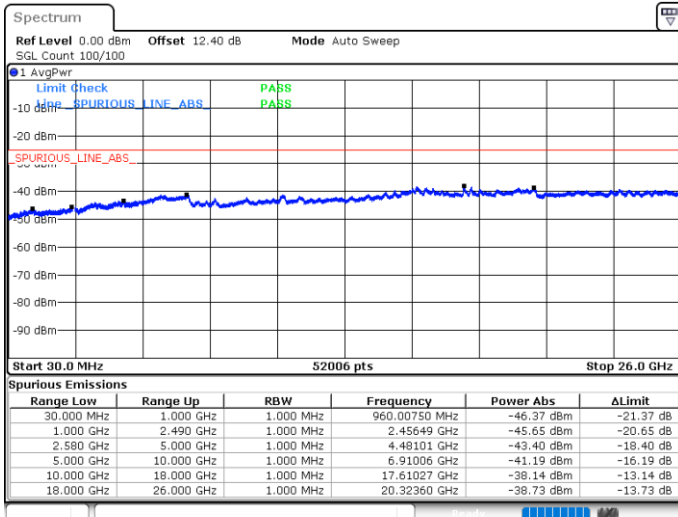


Date: 24.MAY.2020 23:12:26

Date: 24.MAY.2020 23:13:15

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24.MAY.2020 23:17:34

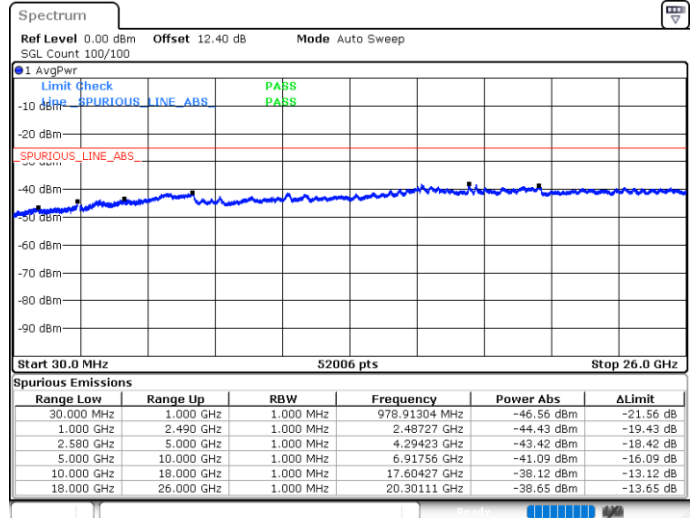
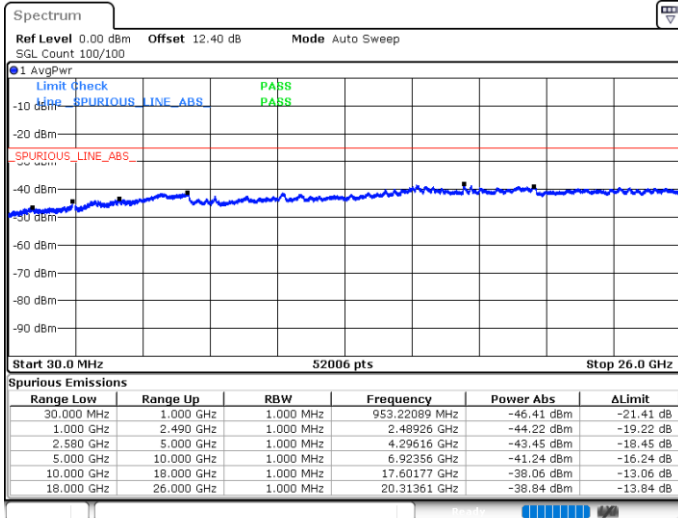
Date: 24.MAY.2020 23:18:24



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

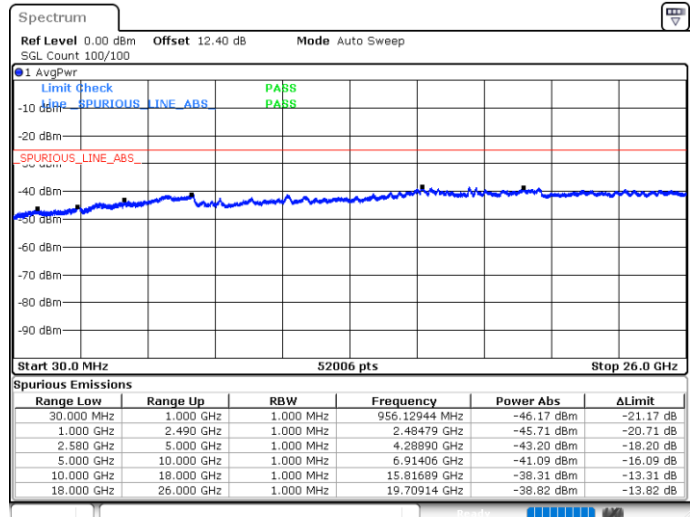
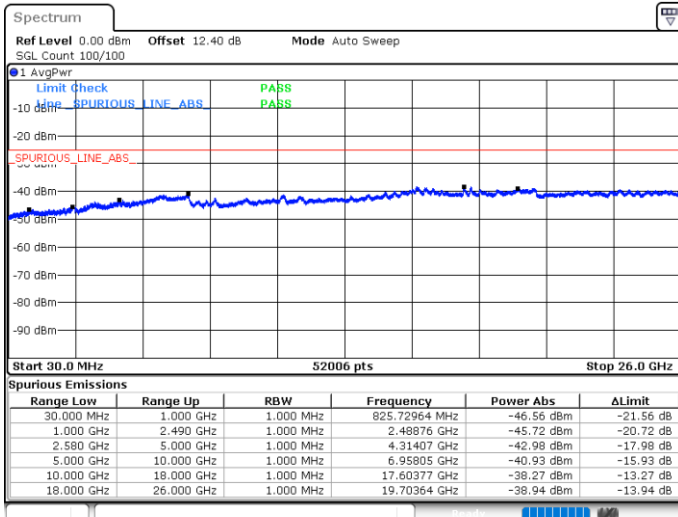


Date: 24.MAY.2020 23:29:04

Date: 24.MAY.2020 23:29:54

Middle Channel / QPSK

Middle Channel / 16QAM



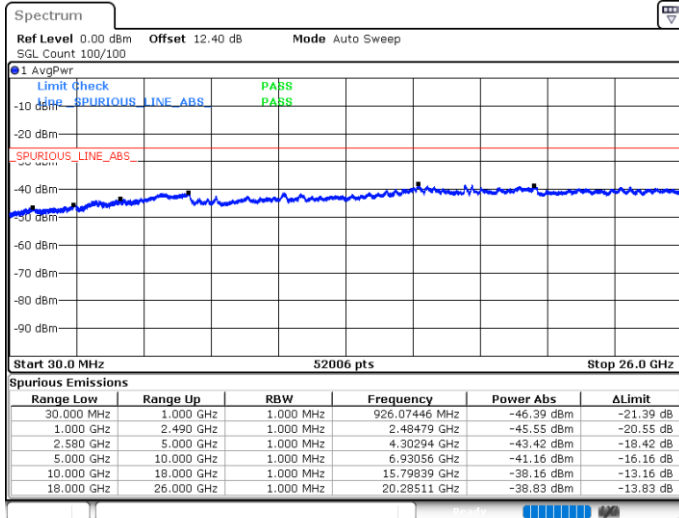
Date: 24.MAY.2020 23:31:29

Date: 24.MAY.2020 23:32:18



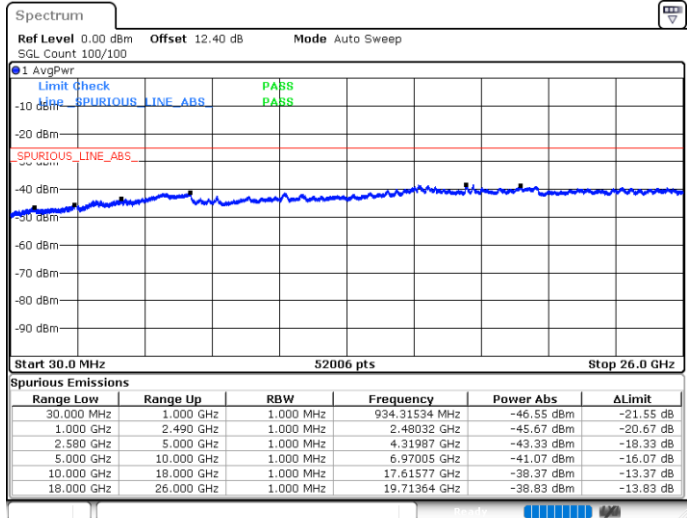
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 24.MAY.2020 23:36:37

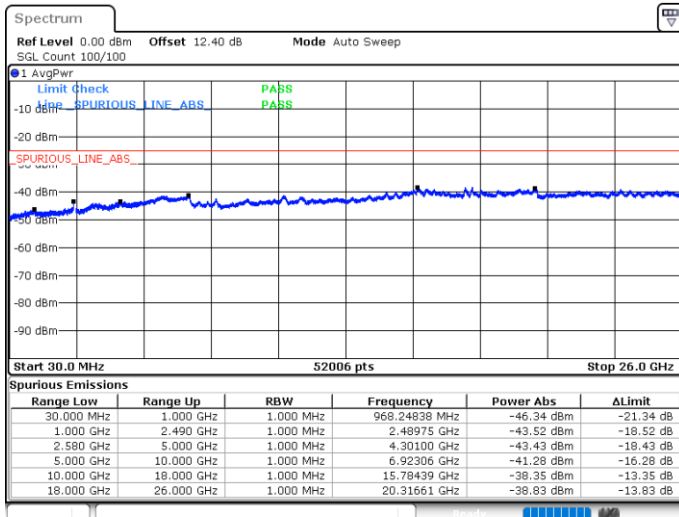
Highest Channel / 16QAM



Date: 24.MAY.2020 23:37:27

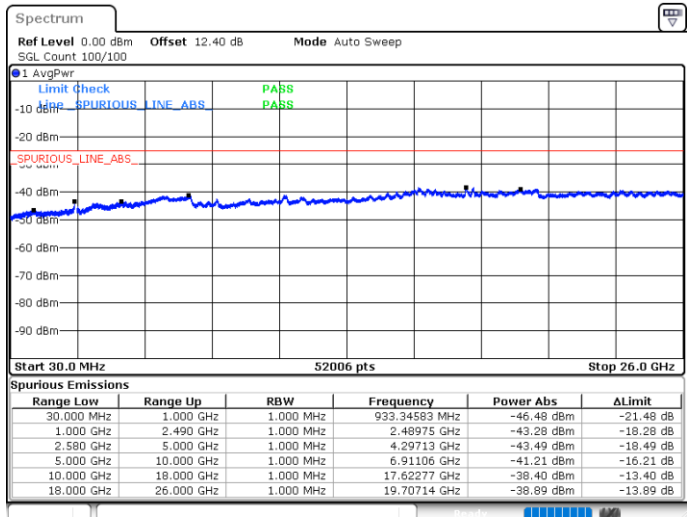
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 24.MAY.2020 23:48:09

Lowest Channel / 16QAM



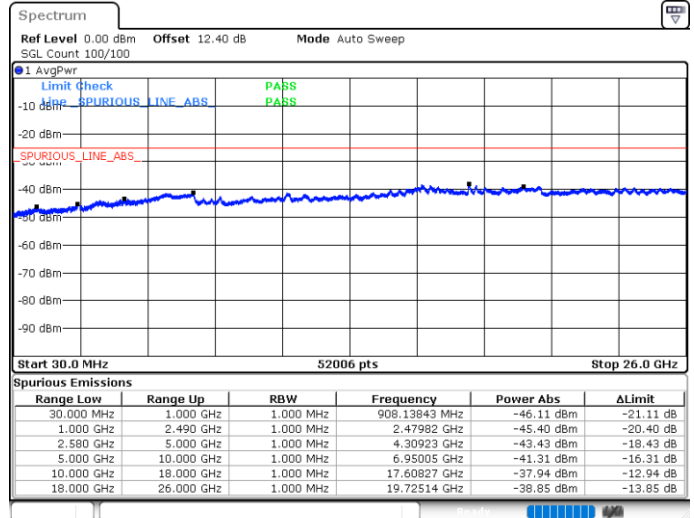
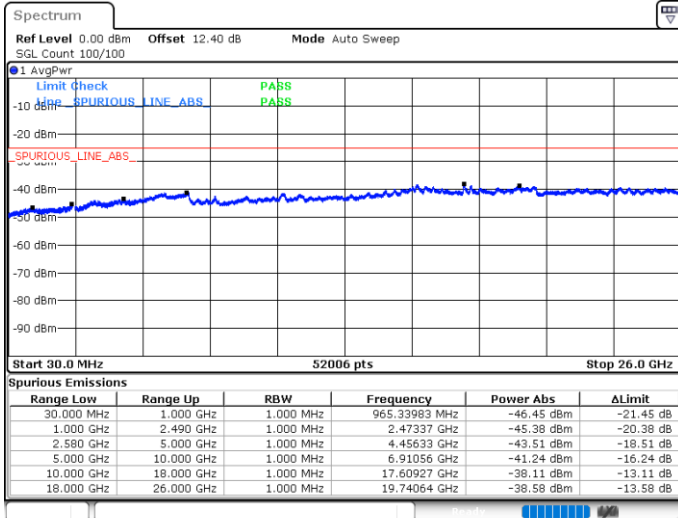
Date: 24.MAY.2020 23:48:58



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

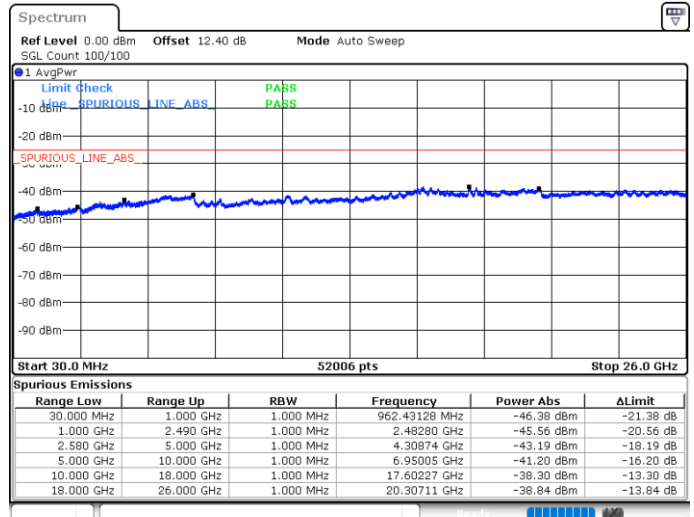
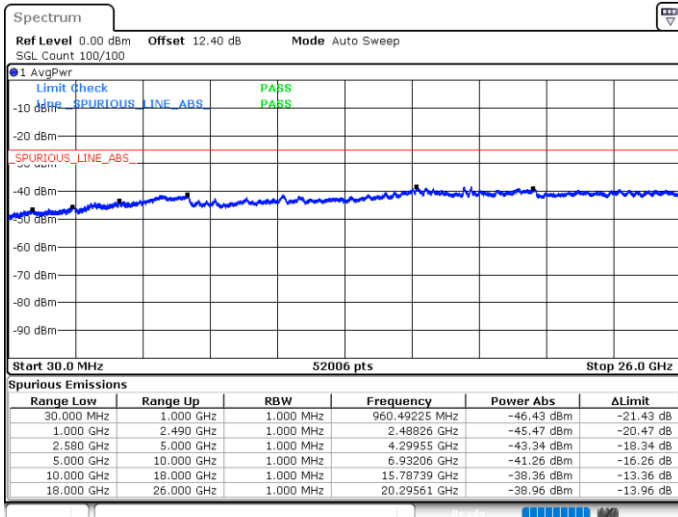


Date: 24.MAY.2020 23:50:34

Date: 24.MAY.2020 23:51:23

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24.MAY.2020 23:55:42

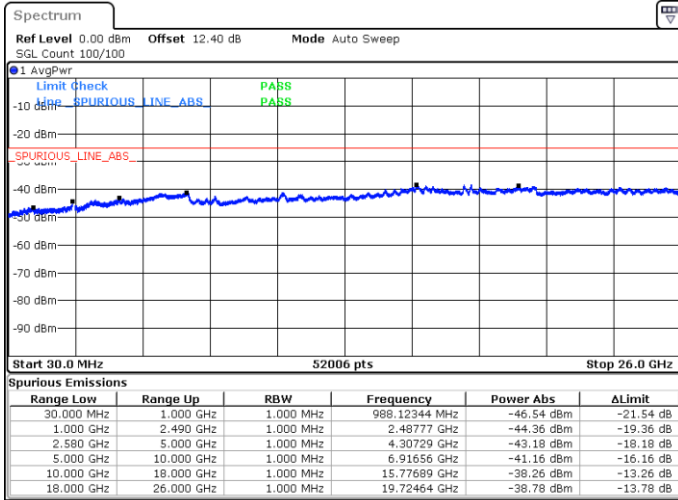
Date: 24.MAY.2020 23:56:31



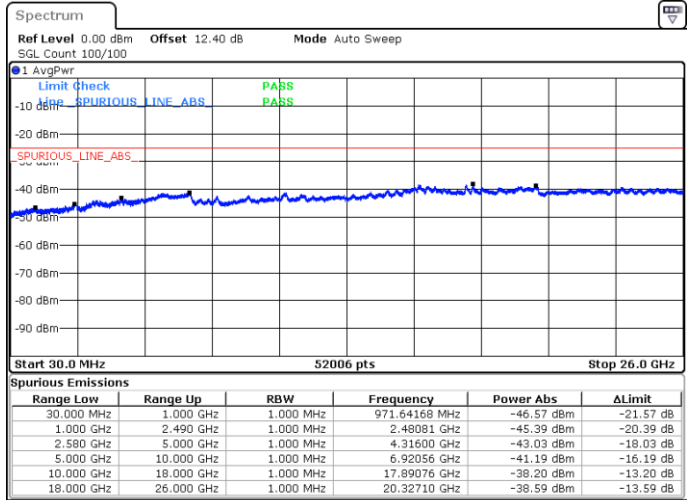
LTE Band 7 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

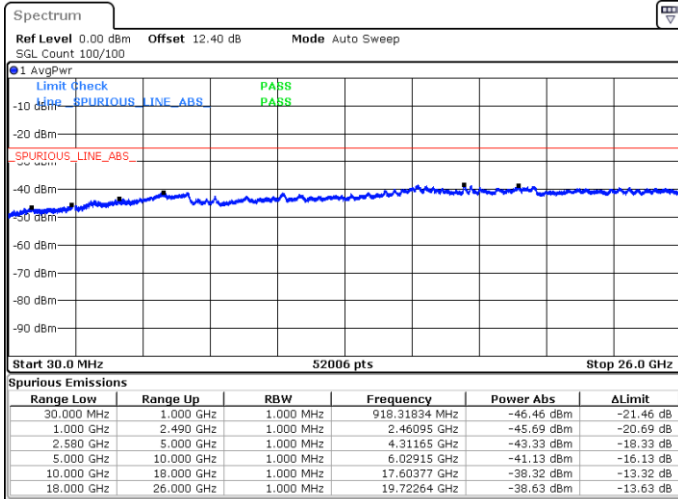


Date: 24.MAY.2020 23:01:56



Date: 24.MAY.2020 23:03:08

Highest Channel / 64QAM



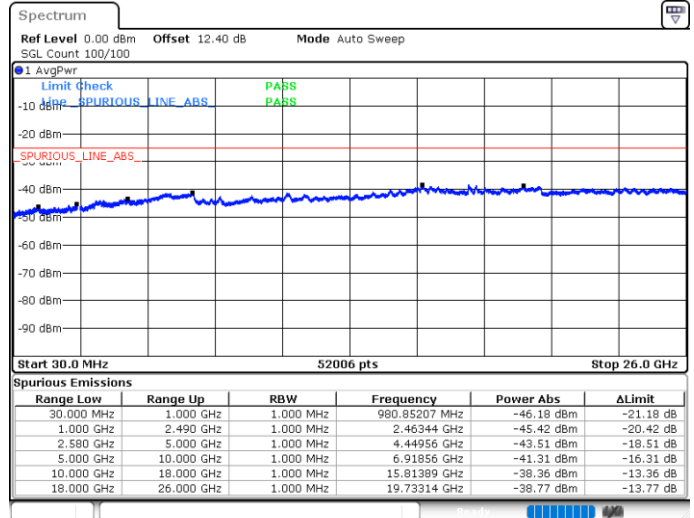
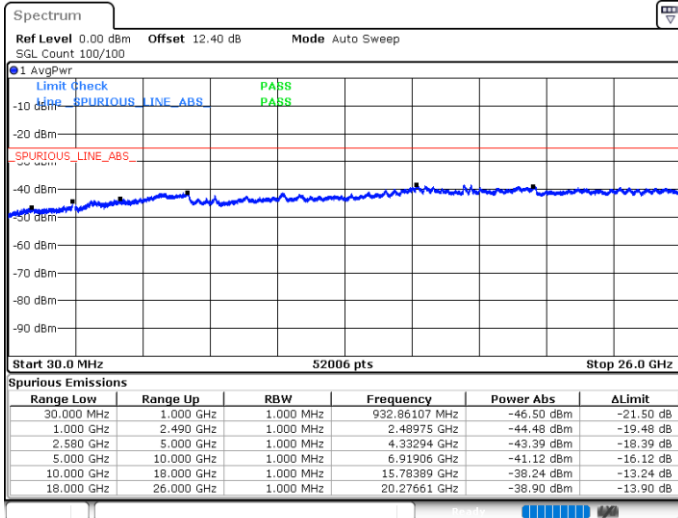
Date: 24.MAY.2020 23:05:42



LTE Band 7 / 10MHz

Lowest Channel / 64QAM

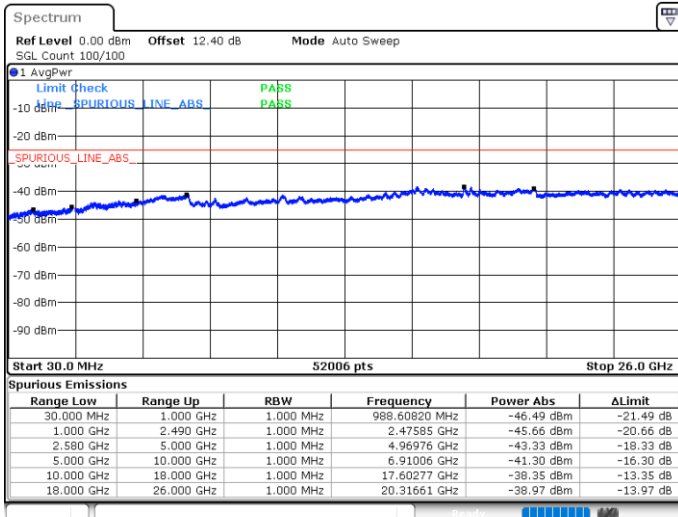
Middle Channel / 64QAM



Date: 24.MAY.2020 23:20:58

Date: 24.MAY.2020 23:22:10

Highest Channel / 64QAM



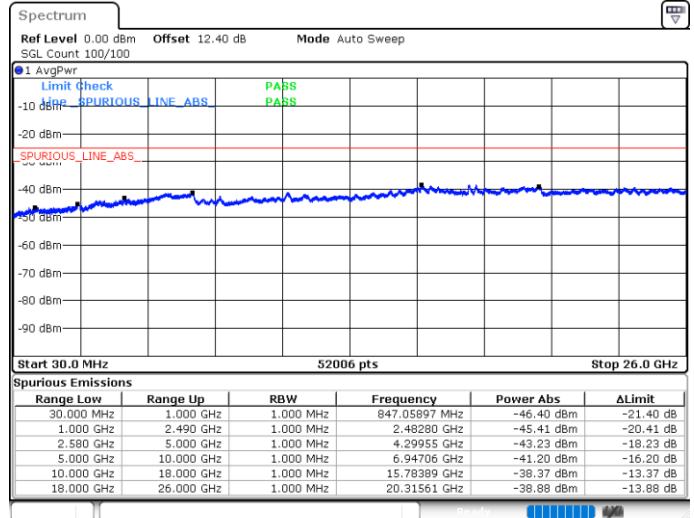
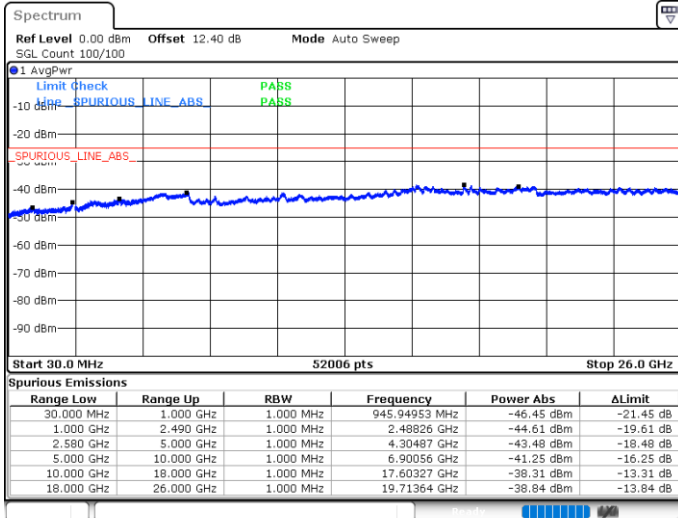
Date: 24.MAY.2020 23:24:43



LTE Band 7 / 15MHz

Lowest Channel / 64QAM

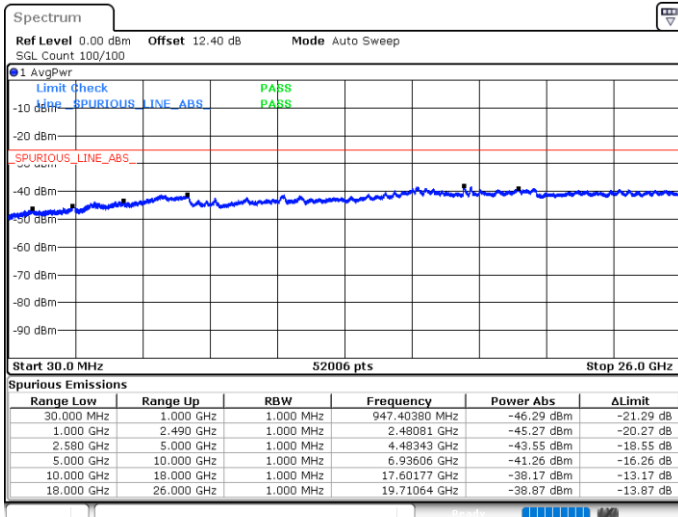
Middle Channel / 64QAM



Date: 24.MAY.2020 23:40:02

Date: 24.MAY.2020 23:41:14

Highest Channel / 64QAM



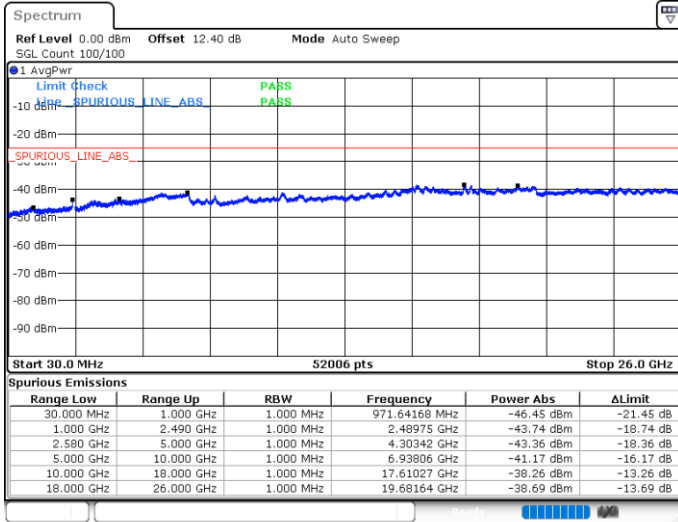
Date: 24.MAY.2020 23:43:48



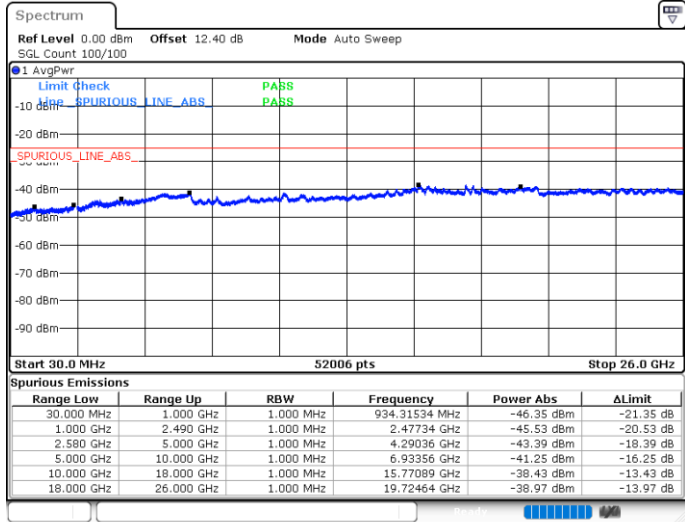
LTE Band 7 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

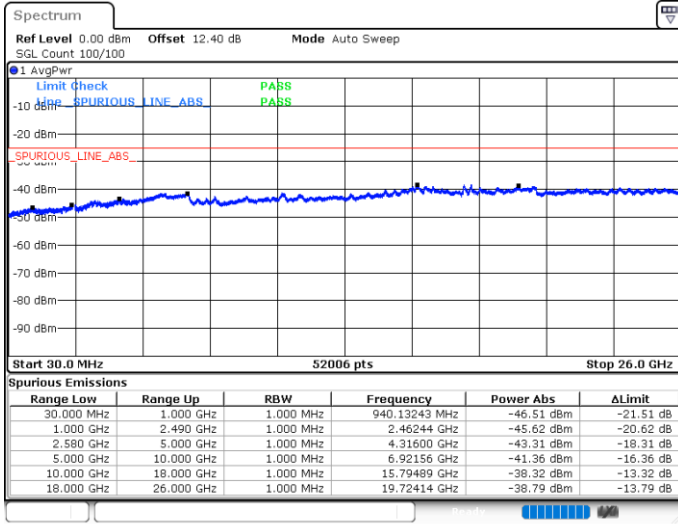


Date: 24.MAY.2020 23:59:06



Date: 25.MAY.2020 00:00:19

Highest Channel / 64QAM



Date: 25.MAY.2020 00:02:53



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	0.0000	PASS
40	Normal Voltage	0.0055	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0037	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

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 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.73	25.18	30.39	34.69
Middle CH	29.79	25.23	30.39	34.90
Highest CH	29.91	25.28	30.51	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.09	34.90	39.88	-
Middle CH	29.97	34.76	39.88	-
Highest CH	30.03	34.90	39.96	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.79	25.03	30.57	34.83
Middle CH	29.61	25.23	30.69	34.76
Highest CH	29.73	25.08	30.39	34.69
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.90	39.88	-
Middle CH	29.91	34.69	39.96	-
Highest CH	29.97	34.90	39.72	-

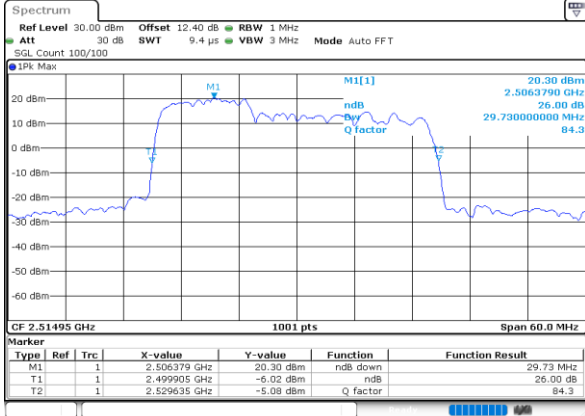
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.91	25.03	30.45	34.62
Middle CH	29.67	25.08	30.45	34.76
Highest CH	29.85	25.18	30.51	34.62
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.85	34.83	39.88	-
Middle CH	29.97	34.90	39.64	-
Highest CH	29.91	34.76	39.88	-



LTE Band 7C

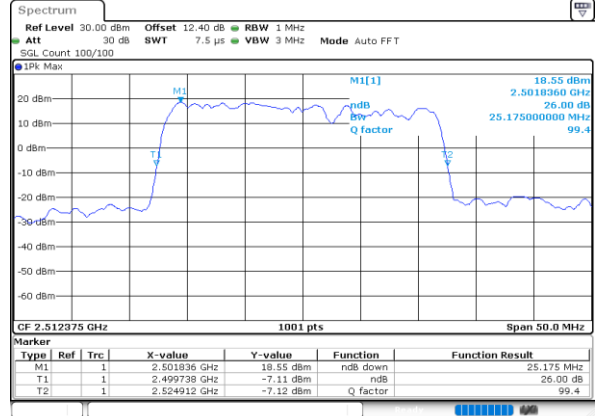
QPSK

Lowest Channel / 10MHz+20MHz



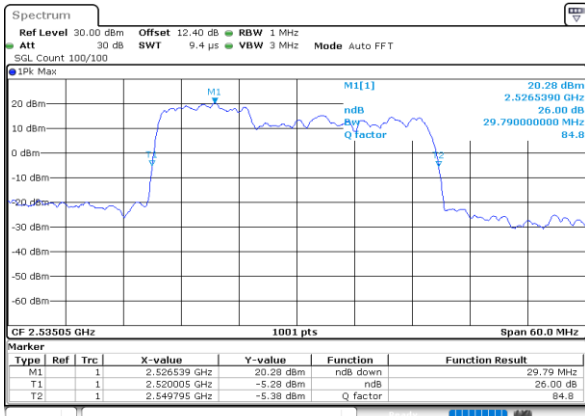
Date: 30.MAY.2020 05:37:48

Lowest Channel / 15MHz+10MHz



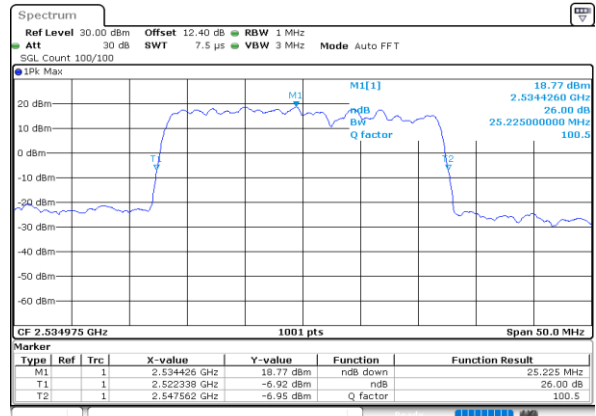
Date: 30.MAY.2020 06:10:34

Middle Channel / 10MHz+20MHz



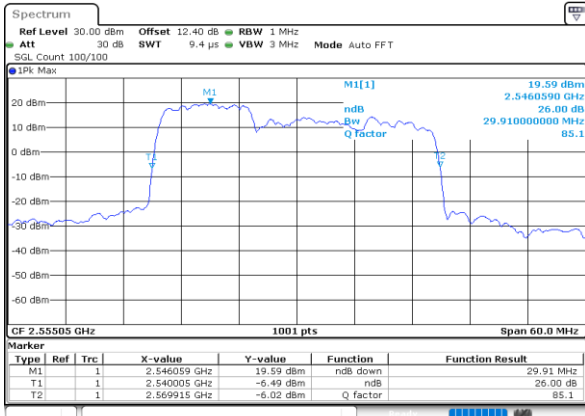
Date: 30.MAY.2020 05:52:28

Middle Channel / 15MHz+10MHz



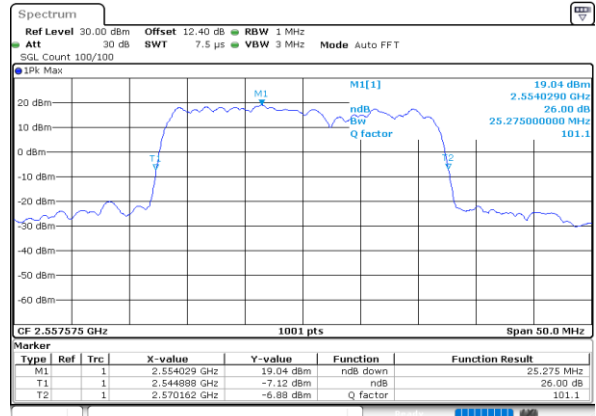
Date: 30.MAY.2020 06:12:15

Highest Channel / 10MHz+20MHz



Date: 30.MAY.2020 05:56:20

Highest Channel / 15MHz+10MHz



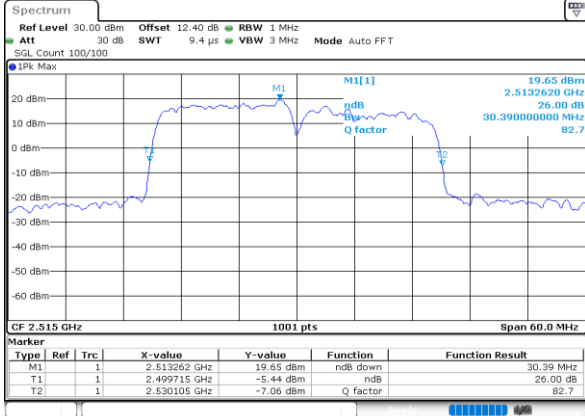
Date: 30.MAY.2020 06:15:26



LTE Band 7C

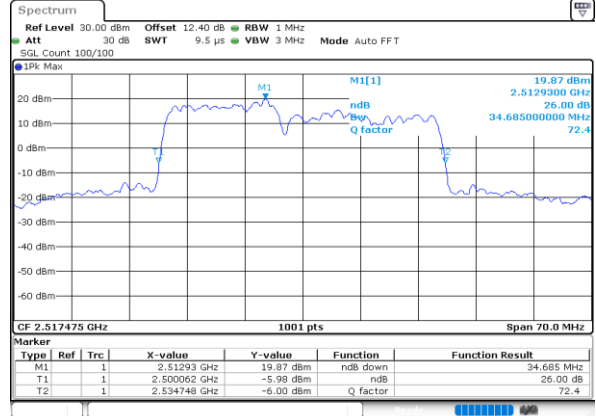
QPSK

Lowest Channel / 15MHz+15MHz



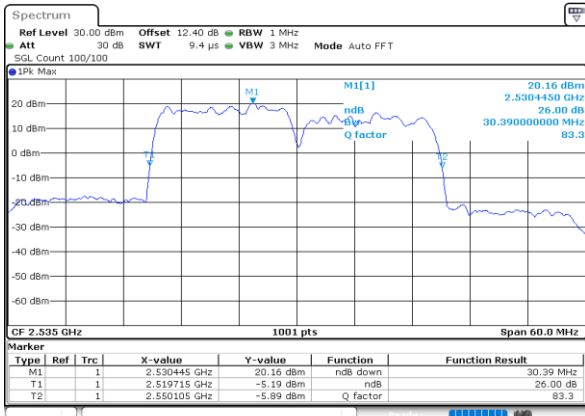
Date: 30.MAY.2020 05:25:51

Lowest Channel / 15MHz+20MHz



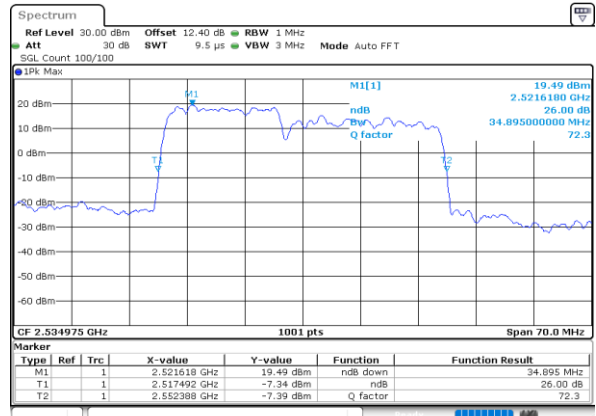
Date: 30.MAY.2020 05:11:22

Middle Channel / 15MHz+15MHz



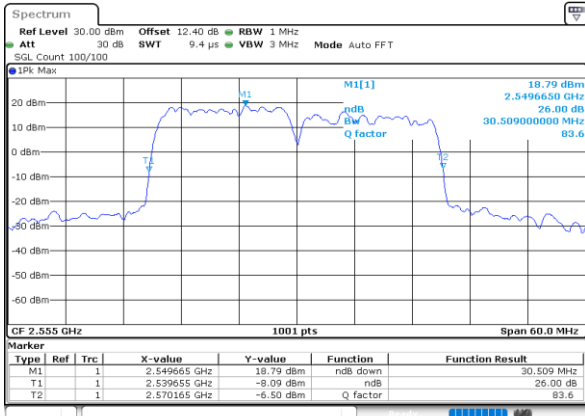
Date: 30.MAY.2020 05:31:05

Middle Channel / 15MHz+20MHz



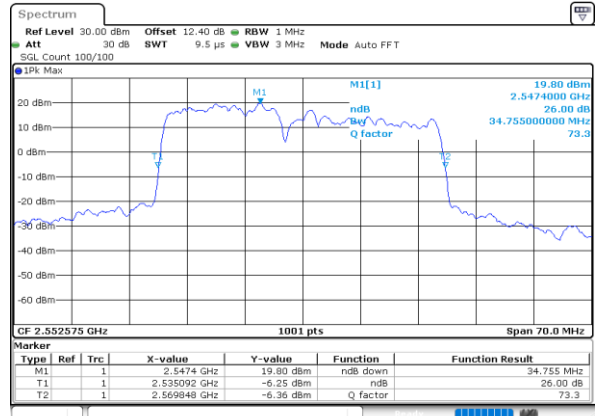
Date: 30.MAY.2020 05:17:44

Highest Channel / 15MHz+15MHz



Date: 30.MAY.2020 05:33:27

Highest Channel / 15MHz+20MHz



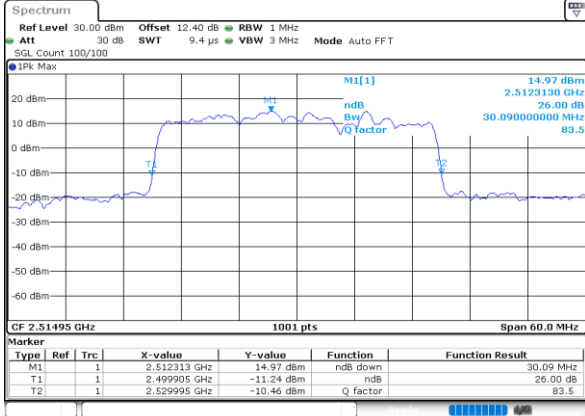
Date: 30.MAY.2020 05:21:23



LTE Band 7C

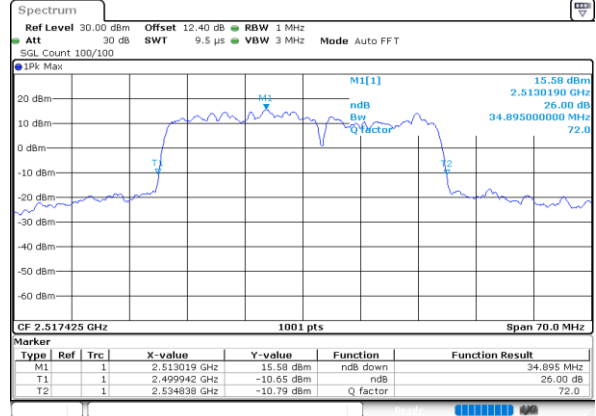
QPSK

Lowest Channel / 20MHz+10MHz



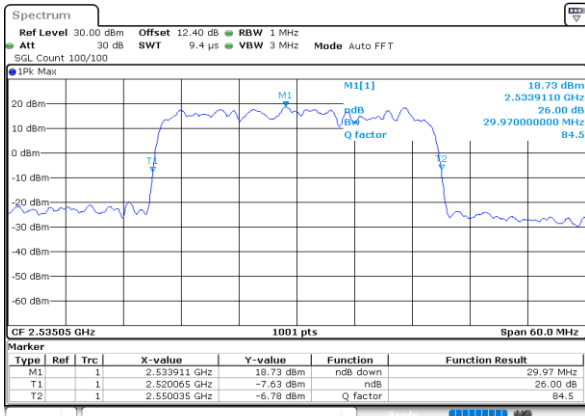
Date: 30.MAY.2020 04:57:21

Lowest Channel / 20MHz+15MHz



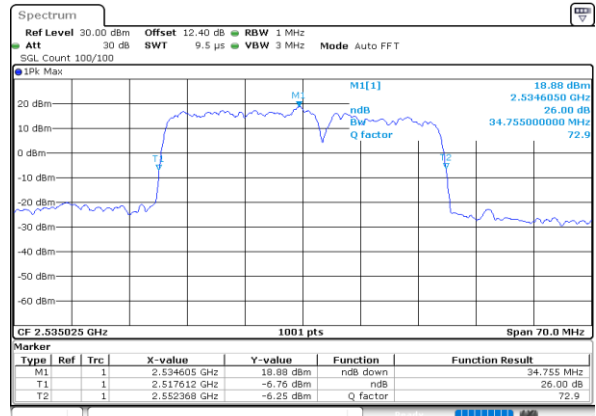
Date: 30.MAY.2020 04:29:07

Middle Channel / 20MHz+10MHz



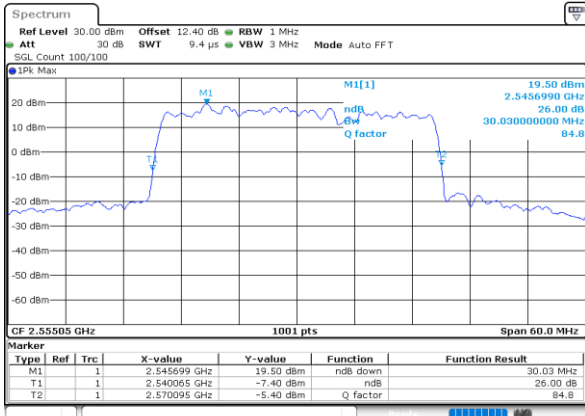
Date: 30.MAY.2020 05:00:53

Middle Channel / 20MHz+15MHz



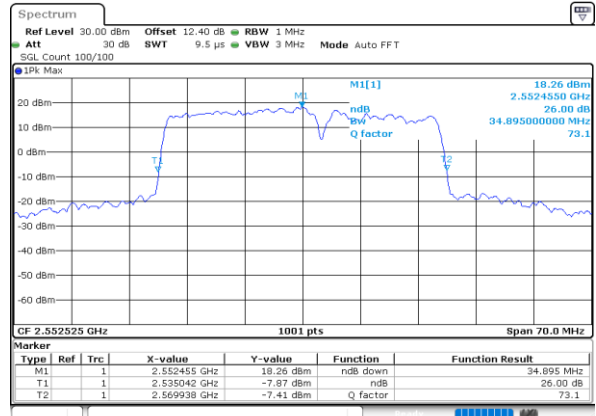
Date: 30.MAY.2020 04:33:05

Highest Channel / 20MHz+10MHz



Date: 30.MAY.2020 05:04:25

Highest Channel / 20MHz+15MHz



Date: 30.MAY.2020 04:48:52

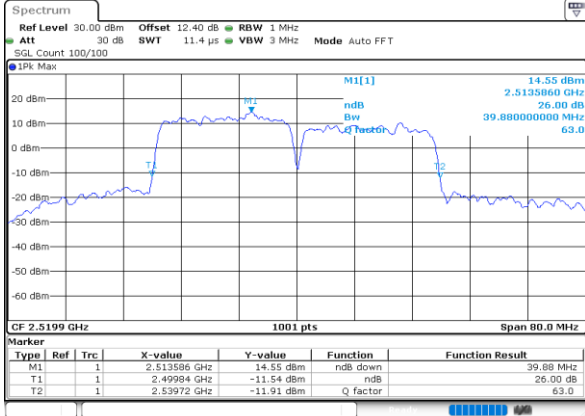


LTE Band 7C

QPSK

Lowest Channel / 20MHz+20MHz

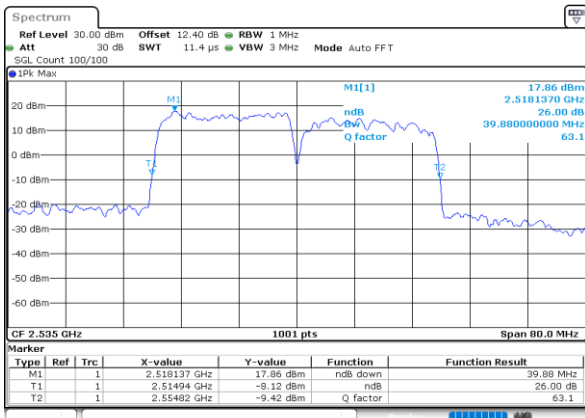
N/A



Date: 30.MAY.2020 04:06:03

Middle Channel / 20MHz+20MHz

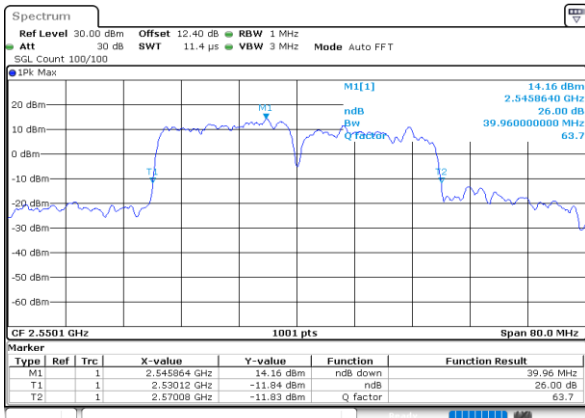
N/A



Date: 30.MAY.2020 04:12:07

Highest Channel / 20MHz+20MHz

N/A



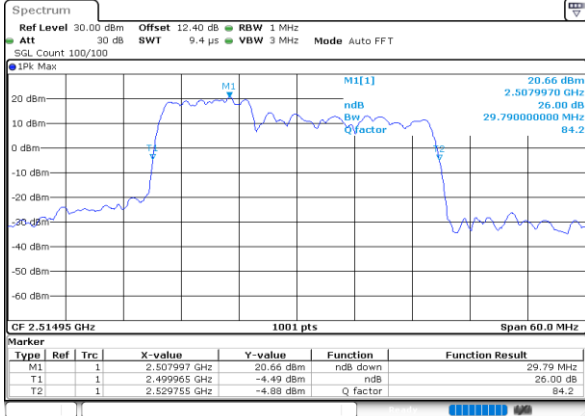
Date: 30.MAY.2020 04:16:37



LTE Band 7C

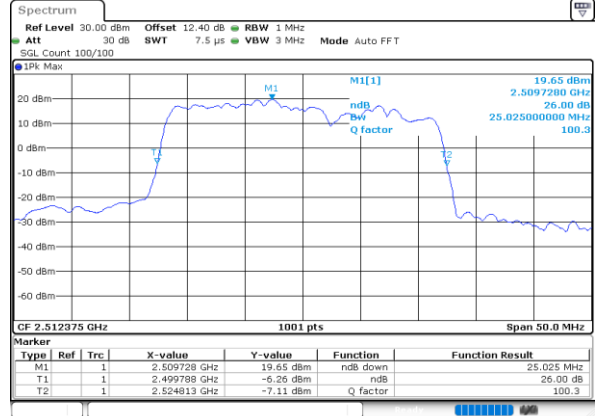
16QAM

Lowest Channel / 10MHz+20MHz



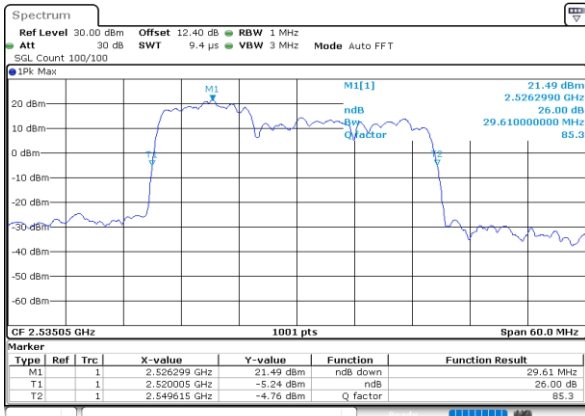
Date: 30.MAY.2020 05:37:25

Lowest Channel / 15MHz+10MHz



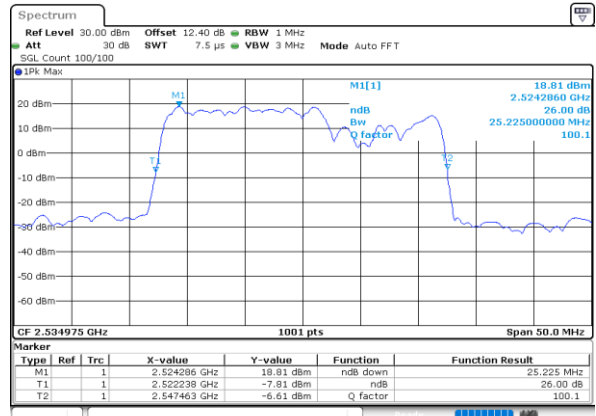
Date: 30.MAY.2020 06:10:11

Middle Channel / 10MHz+20MHz



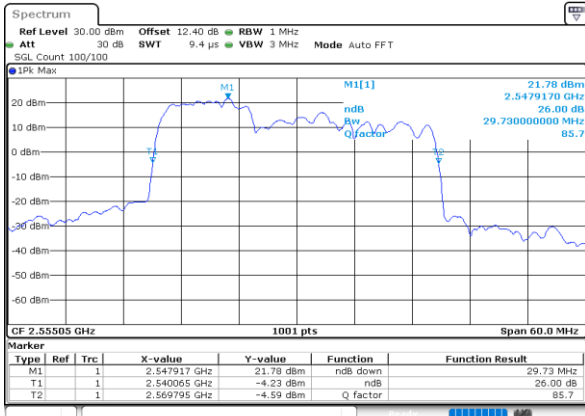
Date: 30.MAY.2020 05:52:05

Middle Channel / 15MHz+10MHz



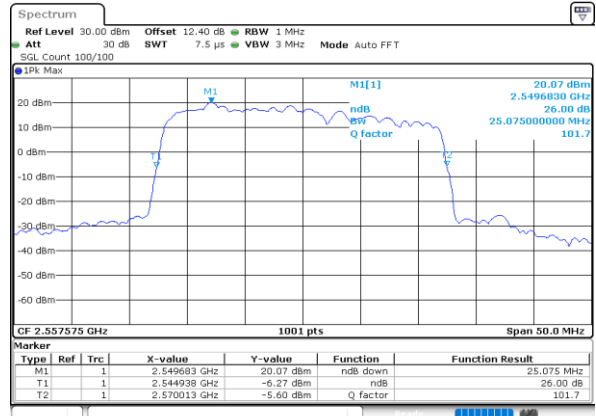
Date: 30.MAY.2020 06:11:52

Highest Channel / 10MHz+20MHz



Date: 30.MAY.2020 05:56:43

Highest Channel / 15MHz+10MHz



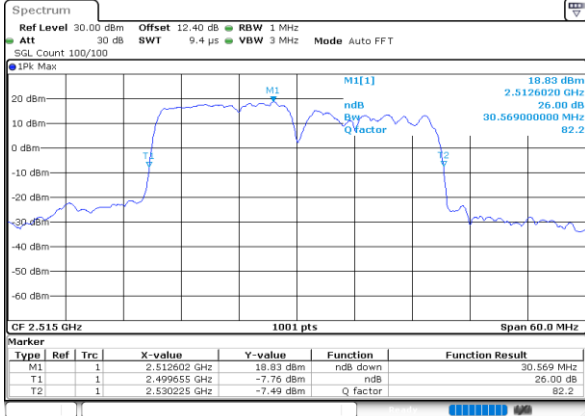
Date: 30.MAY.2020 06:15:49



LTE Band 7C

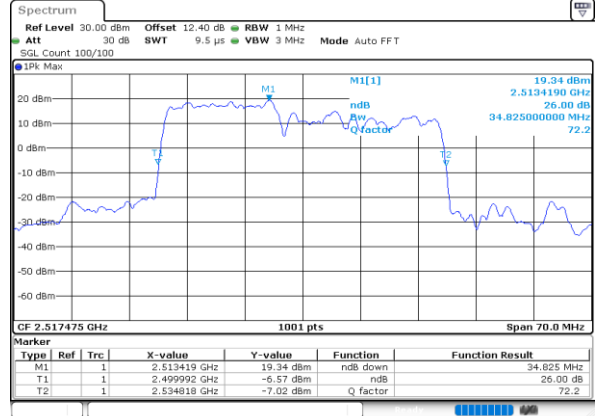
16QAM

Lowest Channel / 15MHz+15MHz



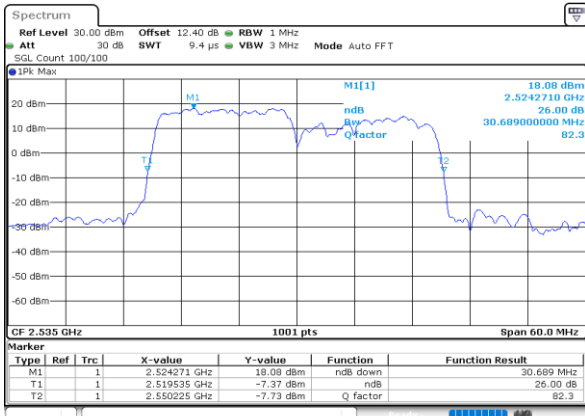
Date: 30.MAY.2020 05:25:28

Lowest Channel / 15MHz+20MHz



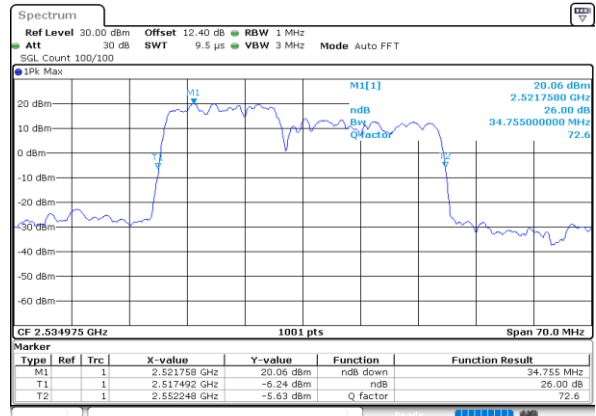
Date: 30.MAY.2020 05:10:59

Middle Channel / 15MHz+15MHz



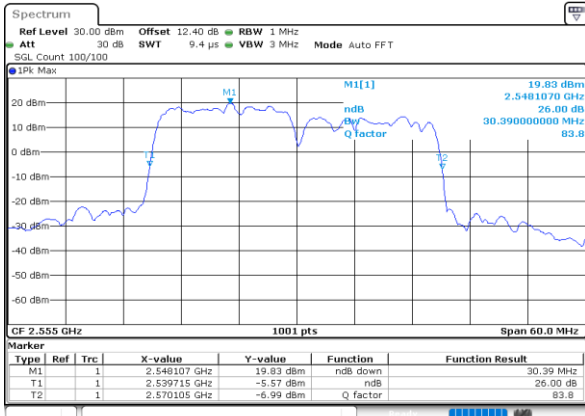
Date: 30.MAY.2020 05:29:55

Middle Channel / 15MHz+20MHz



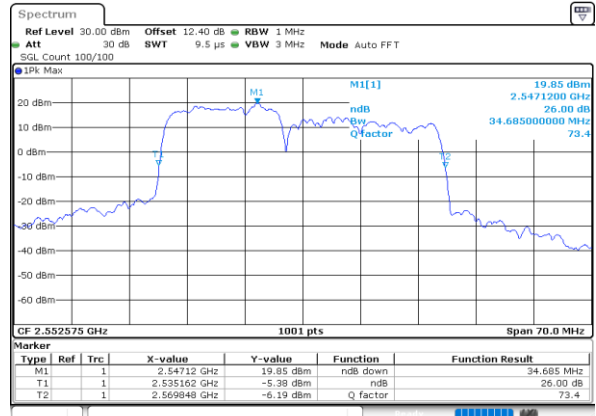
Date: 30.MAY.2020 05:17:21

Highest Channel / 15MHz+15MHz



Date: 30.MAY.2020 05:33:50

Highest Channel / 15MHz+20MHz



Date: 30.MAY.2020 05:21:46