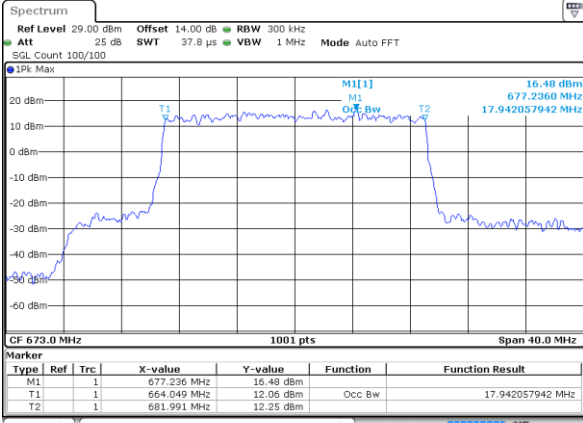




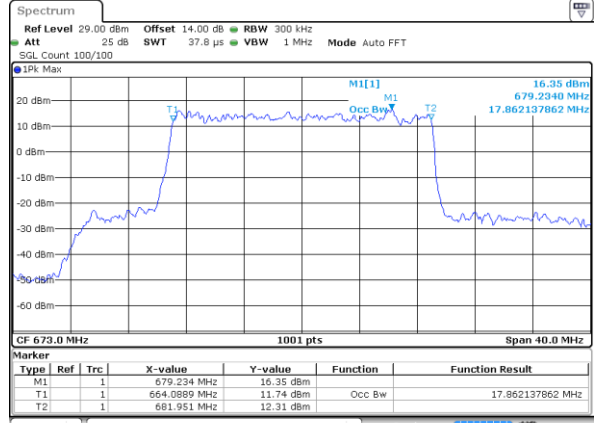
LTE Band 71

Lowest Channel / 20MHz / QPSK



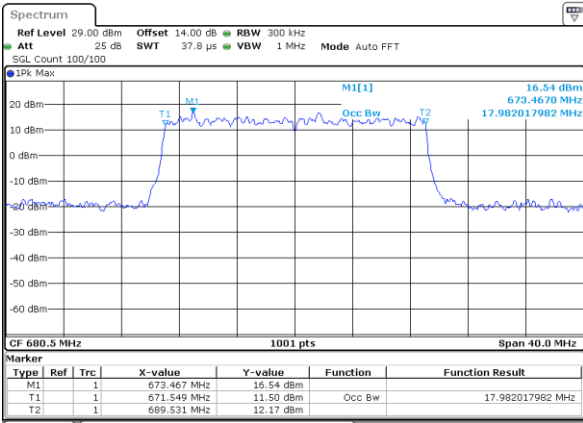
Date: 19 DEC 2020 11:45:17

Lowest Channel / 20MHz / 16QAM



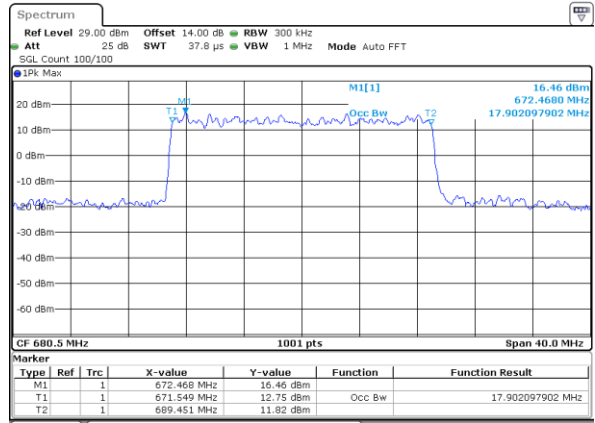
Date: 19 DEC 2020 11:46:37

Middle Channel / 20MHz / QPSK



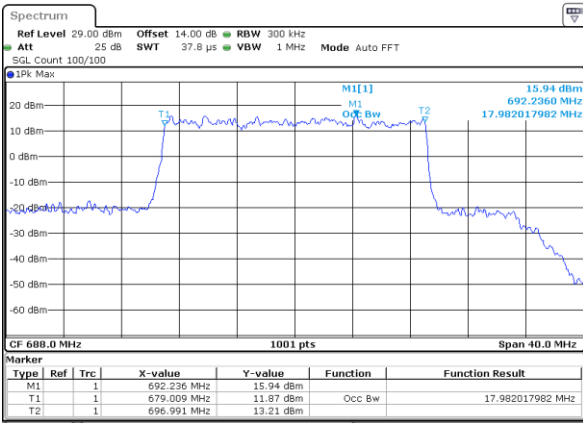
Date: 19 DEC 2020 12:14:10

Middle Channel / 20MHz / 16QAM



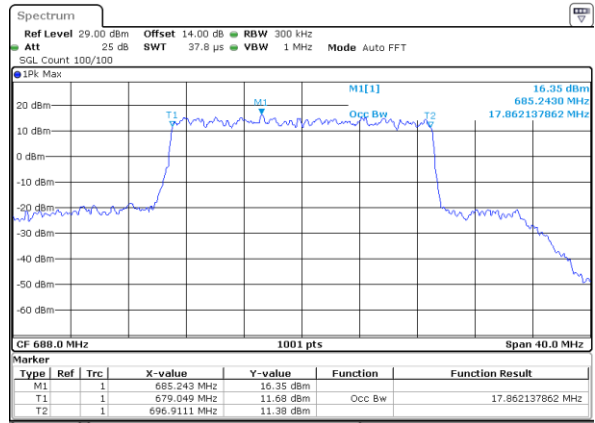
Date: 19 DEC 2020 12:13:53

Highest Channel / 20MHz / QPSK



Date: 19 DEC 2020 12:14:44

Highest Channel / 20MHz / 16QAM

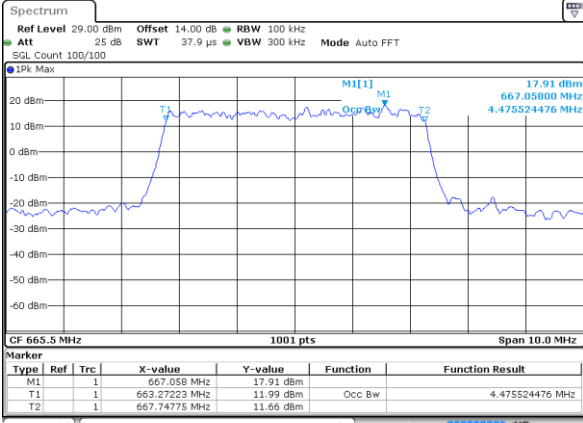


Date: 19 DEC 2020 12:15:37



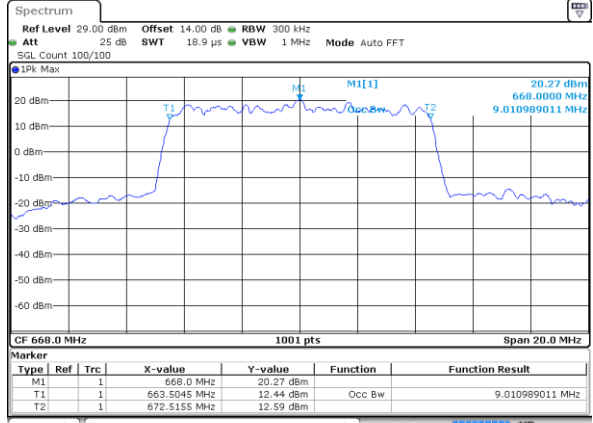
LTE Band 71

Lowest Channel / 5MHz / 64QAM



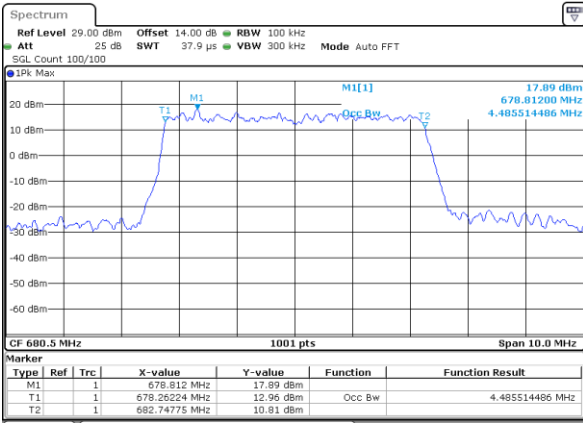
Date: 19 DEC 2020 10:29:14

Lowest Channel / 10MHz / 64QAM



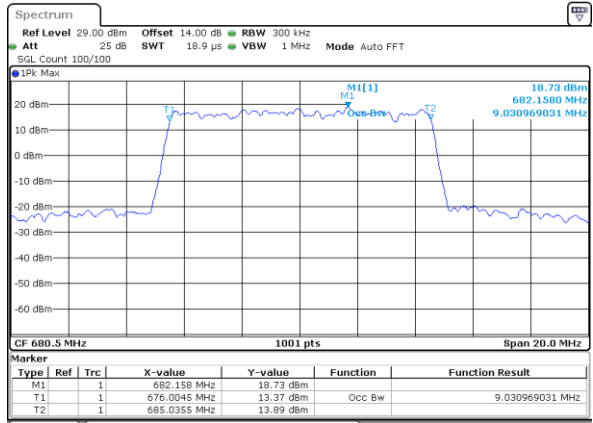
Date: 19 DEC 2020 10:50:10

Middle Channel / 5MHz / 64QAM



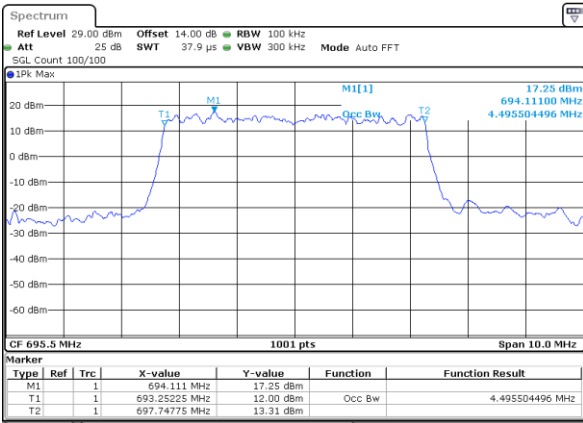
Date: 19 DEC 2020 10:38:34

Middle Channel / 10MHz / 64QAM



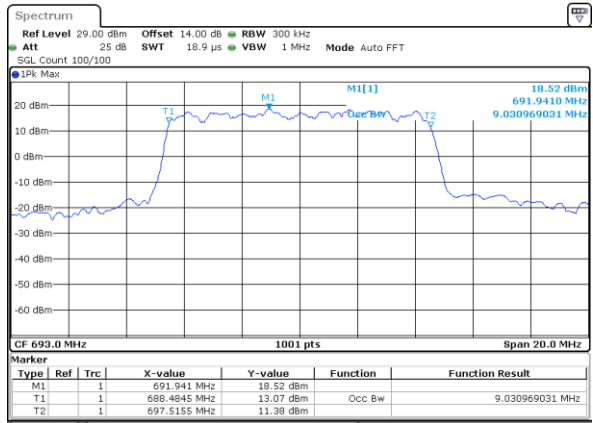
Date: 19 DEC 2020 10:55:27

Highest Channel / 5MHz / 64QAM



Date: 19 DEC 2020 10:42:37

Highest Channel / 10MHz / 64QAM

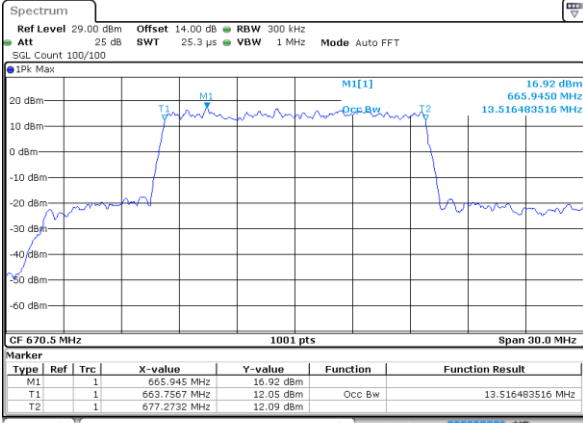


Date: 19 DEC 2020 10:58:30



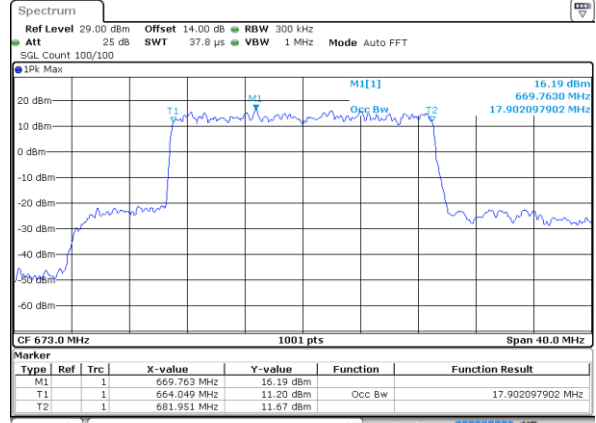
LTE Band 71

Lowest Channel / 15MHz / 64QAM



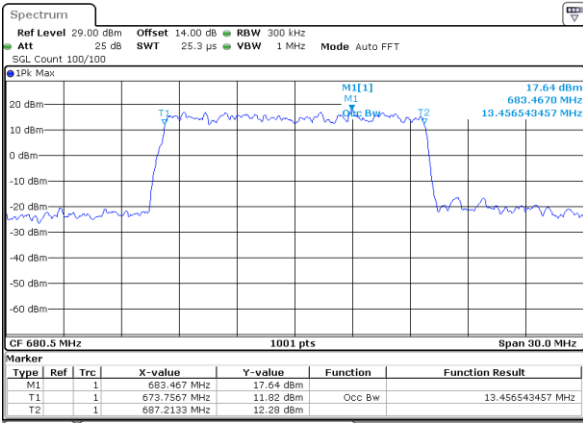
Date: 19 DEC 2020 11:06:19

Lowest Channel / 20MHz / 64QAM



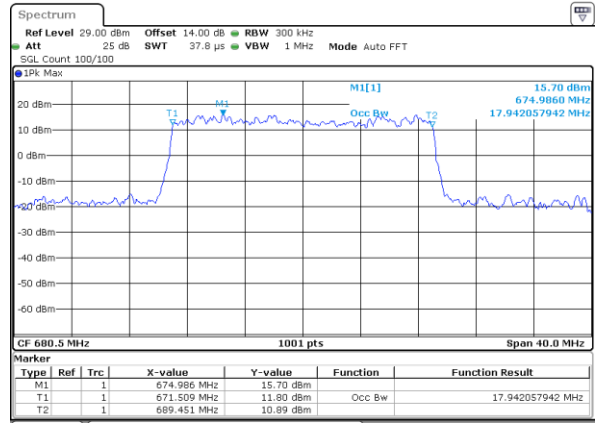
Date: 19 DEC 2020 11:47:36

Middle Channel / 15MHz / 64QAM



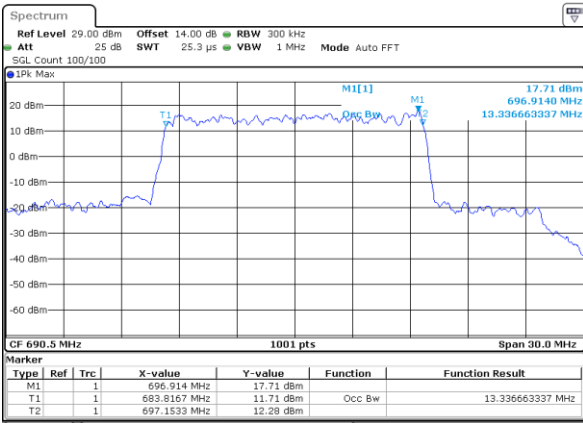
Date: 19 DEC 2020 11:11:57

Middle Channel / 20MHz / 64QAM



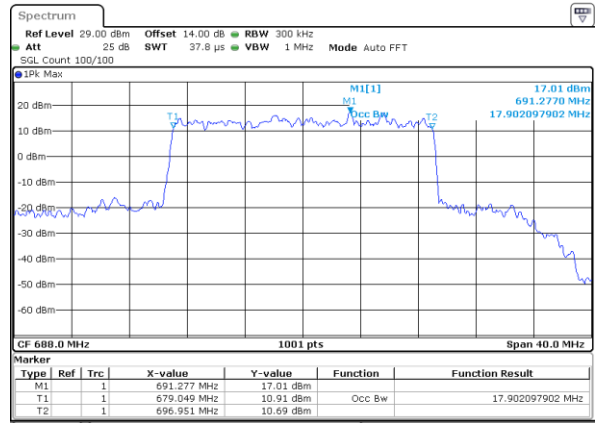
Date: 19 DEC 2020 12:13:25

Highest Channel / 15MHz / 64QAM



Date: 19 DEC 2020 11:15:18

Highest Channel / 20MHz / 64QAM



Date: 19 DEC 2020 12:17:09

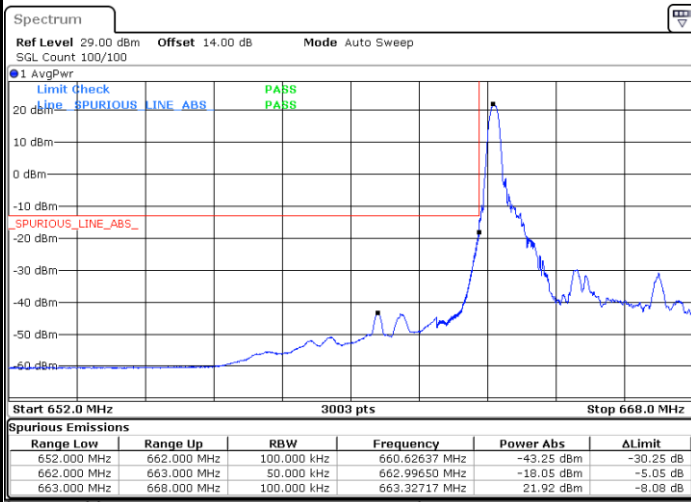


Conducted Band Edge



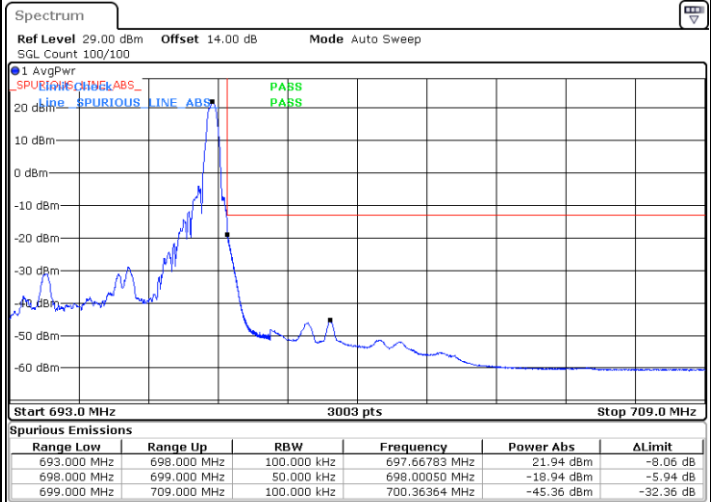
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



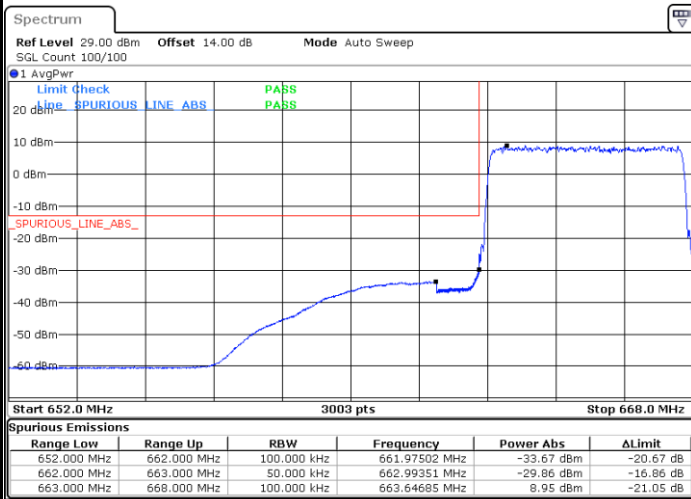
Date: 19 DEC 2020 10:34:56

Highest Band Edge / 1 RB



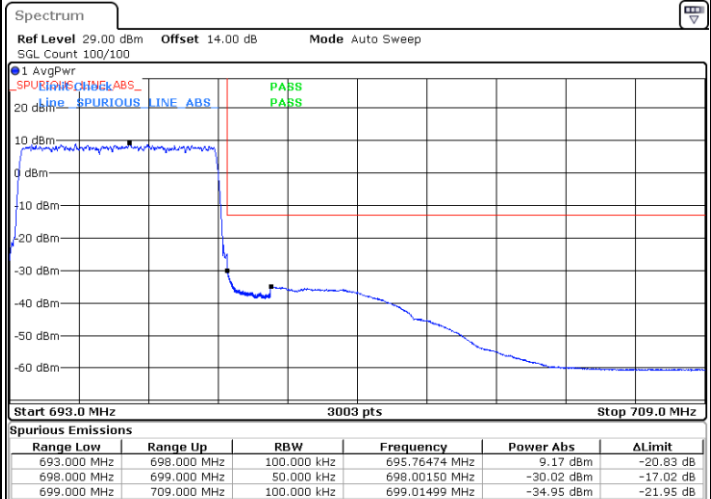
Date: 19 DEC 2020 10:45:27

Lowest Band Edge / Full RB



Date: 19 DEC 2020 10:27:30

Highest Band Edge / Full RB

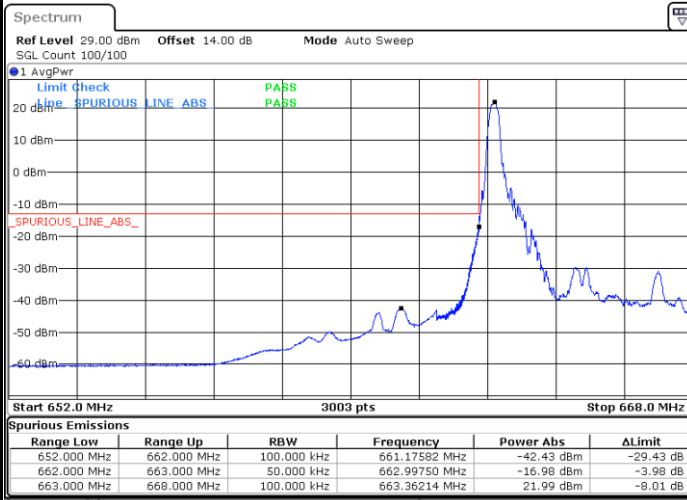


Date: 19 DEC 2020 10:40:44



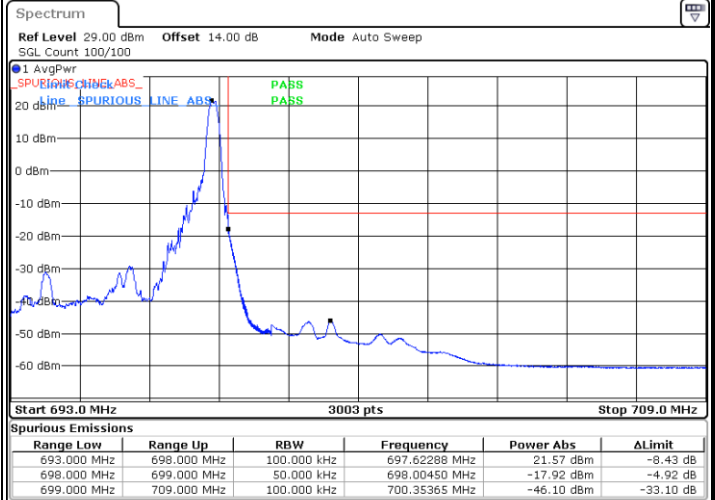
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



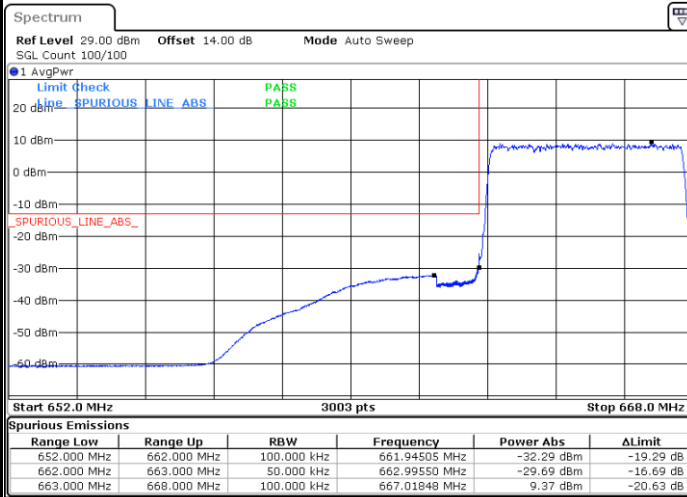
Date: 19 DEC 2020 10:33:19

Highest Band Edge / 1 RB



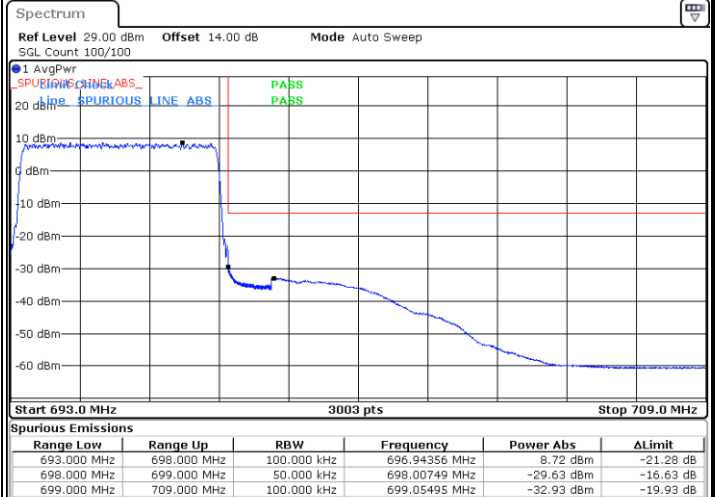
Date: 19 DEC 2020 10:46:15

Lowest Band Edge / Full RB



Date: 19 DEC 2020 10:28:58

Highest Band Edge / Full RB

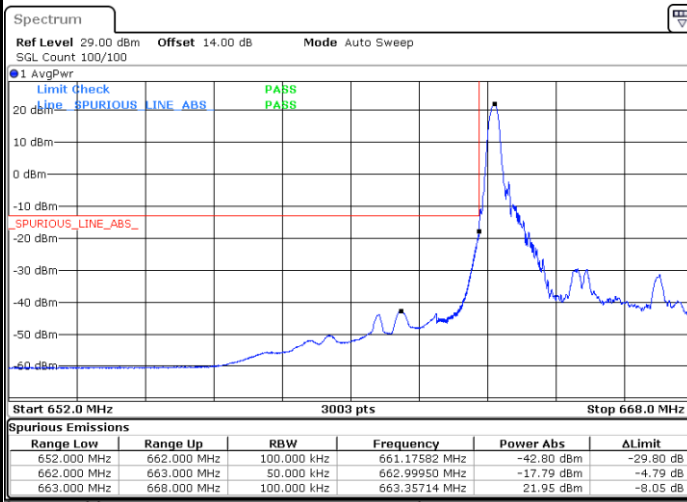


Date: 19 DEC 2020 10:41:59



LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



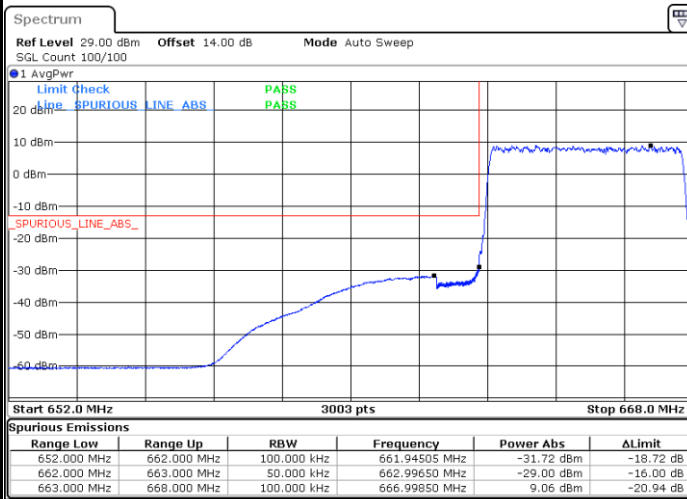
Date: 19 DEC 2020 10:32:35

Highest Band Edge / 1 RB



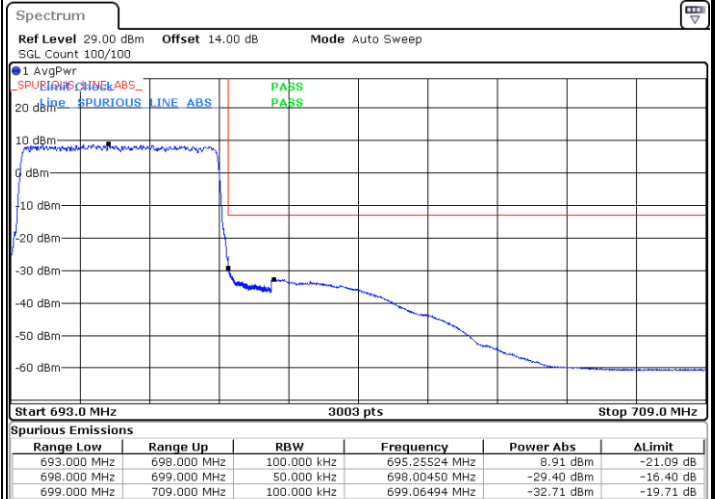
Date: 19 DEC 2020 10:47:12

Lowest Band Edge / Full RB



Date: 19 DEC 2020 10:29:59

Highest Band Edge / Full RB

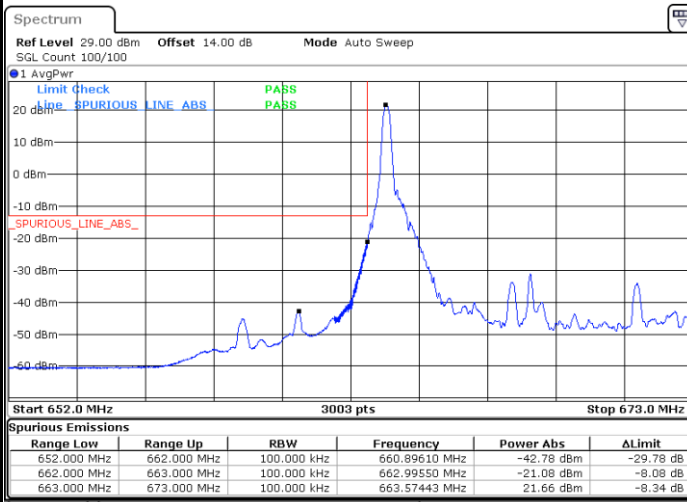


Date: 19 DEC 2020 10:43:31



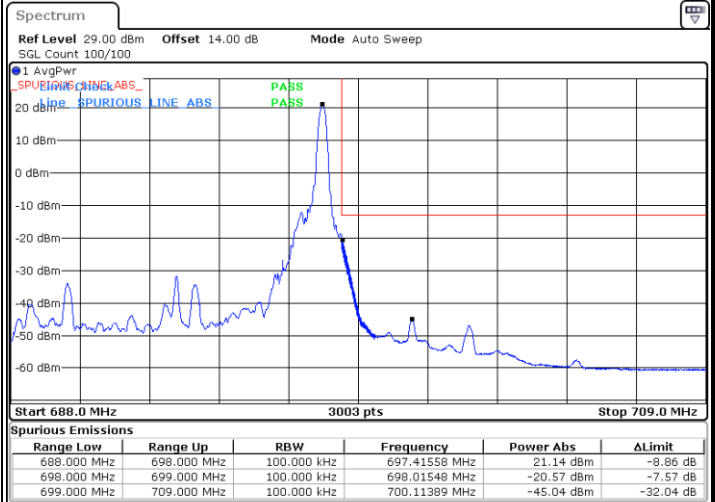
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



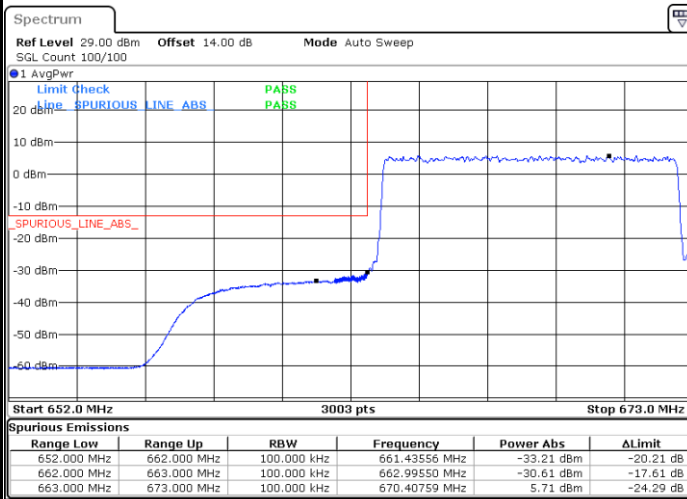
Date: 19 DEC 2020 10:53:31

Highest Band Edge / 1 RB



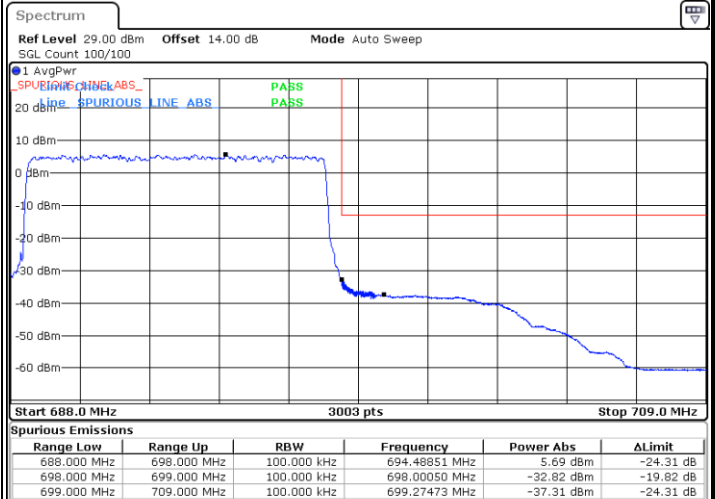
Date: 19 DEC 2020 11:01:44

Lowest Band Edge / Full RB



Date: 19 DEC 2020 10:49:02

Highest Band Edge / Full RB

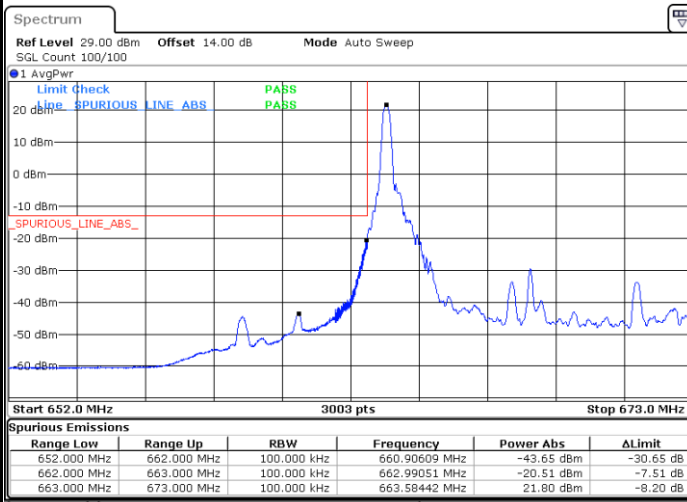


Date: 19 DEC 2020 10:57:17



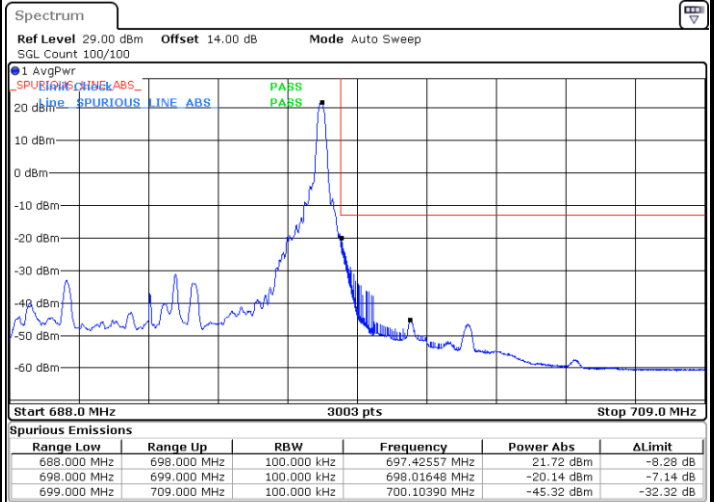
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



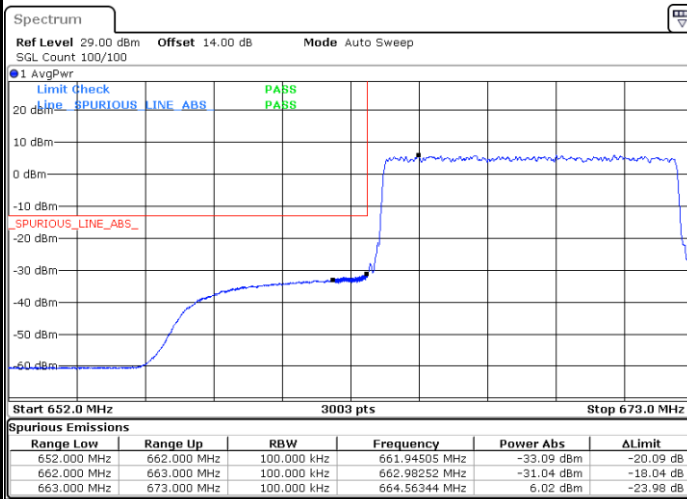
Date: 19 DEC 2020 10:52:41

Highest Band Edge / 1 RB



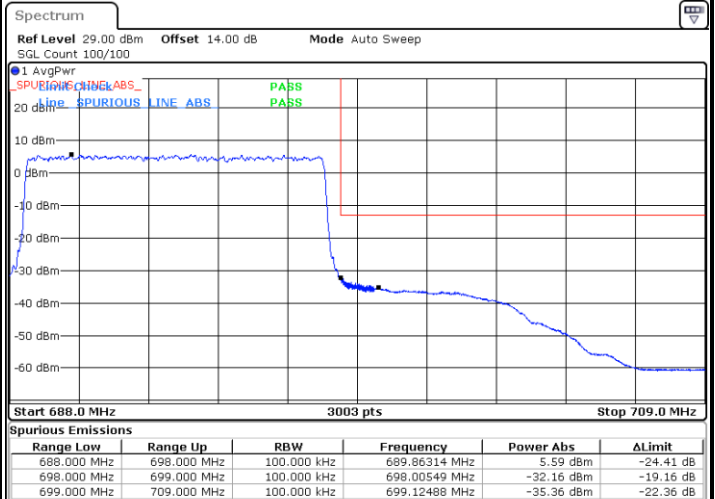
Date: 19 DEC 2020 11:02:38

Lowest Band Edge / Full RB



Date: 19 DEC 2020 10:49:59

Highest Band Edge / Full RB

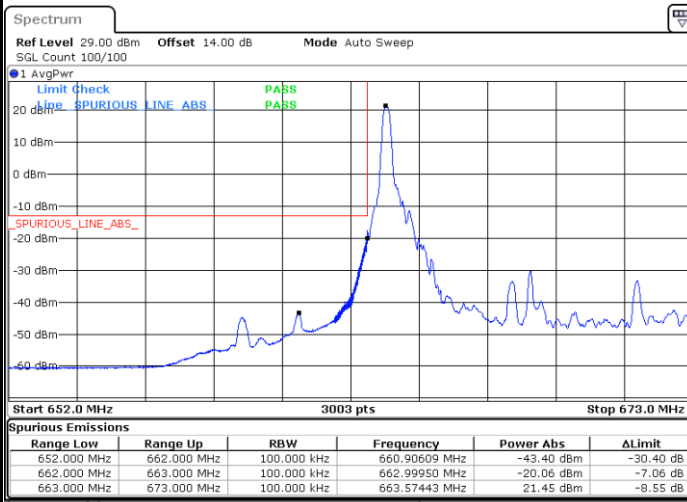


Date: 19 DEC 2020 10:58:11



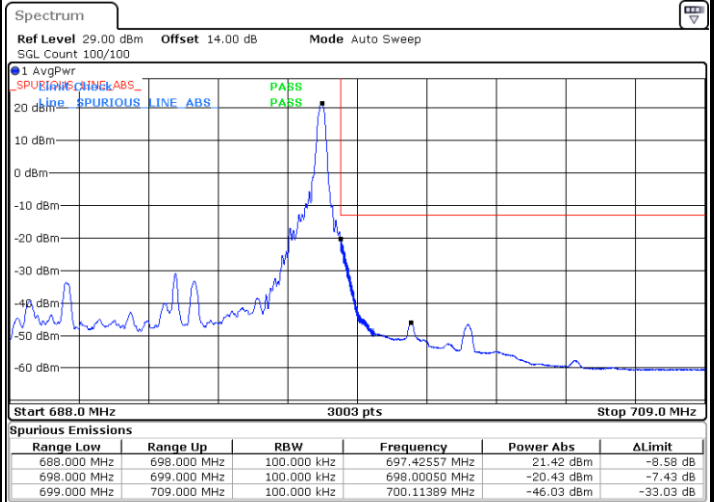
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



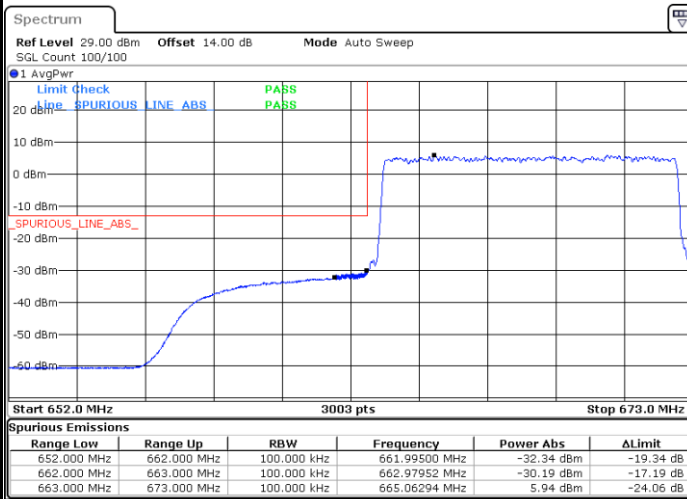
Date: 19 DEC 2020 10:51:50

Highest Band Edge / 1 RB



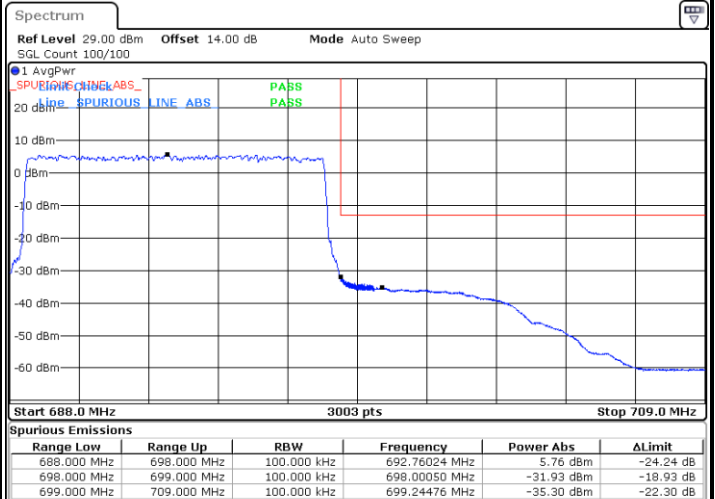
Date: 19 DEC 2020 11:03:20

Lowest Band Edge / Full RB



Date: 19 DEC 2020 10:50:48

Highest Band Edge / Full RB

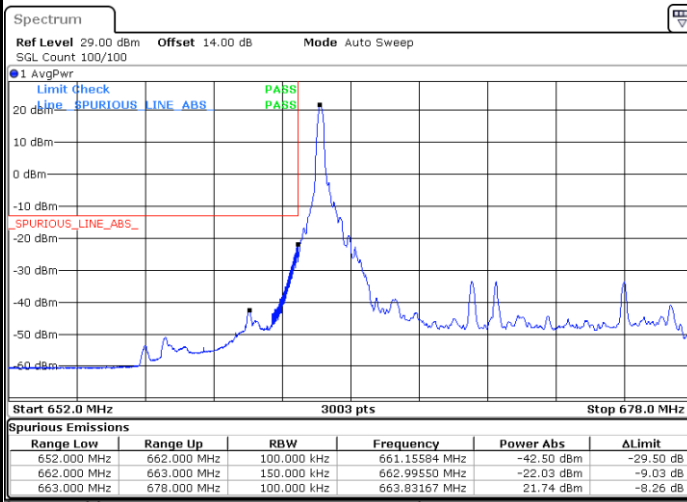


Date: 19 DEC 2020 10:59:50



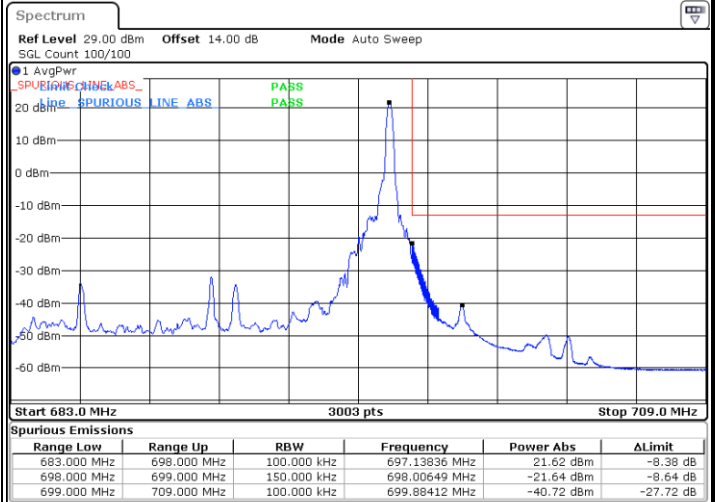
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



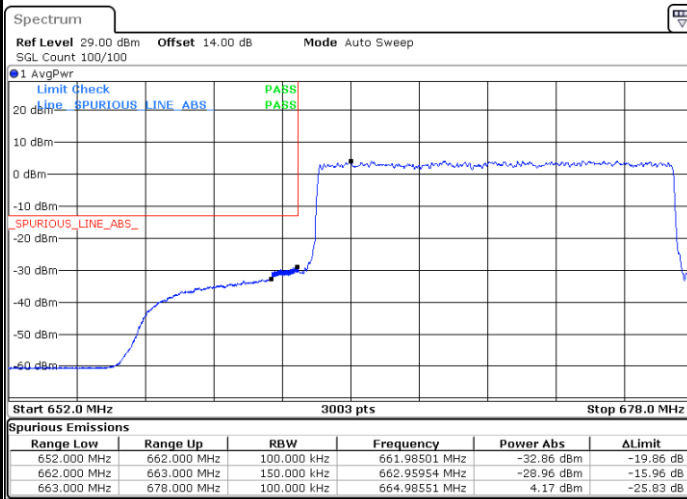
Date: 19 DEC 2020 11:09:39

Highest Band Edge / 1 RB



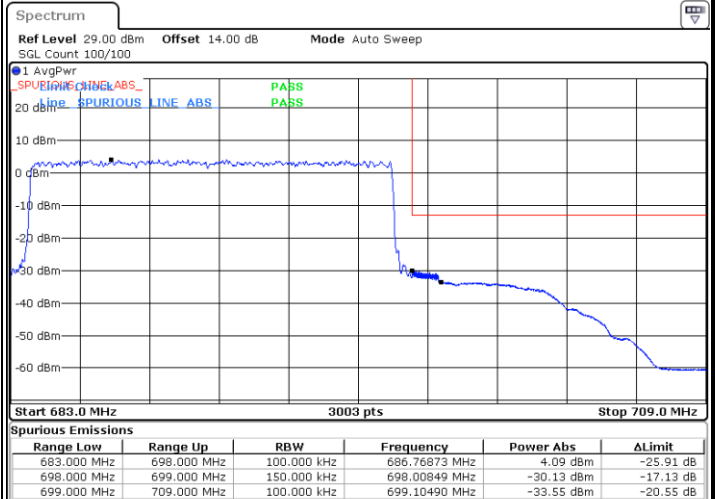
Date: 19 DEC 2020 11:20:30

Lowest Band Edge / Full RB



Date: 19 DEC 2020 11:05:00

Highest Band Edge / Full RB

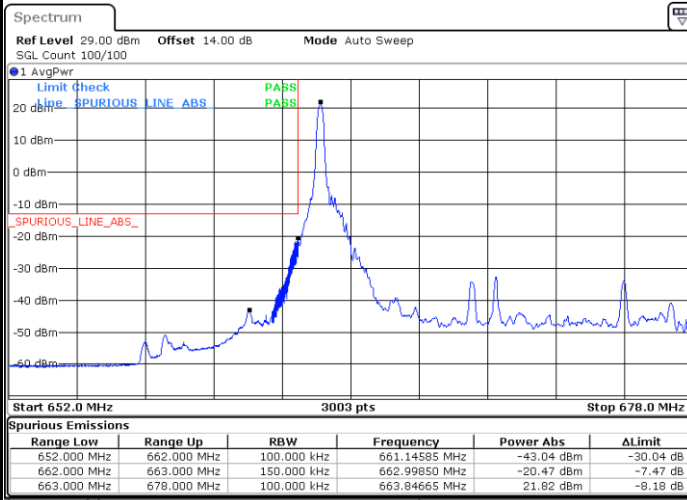


Date: 19 DEC 2020 11:13:51



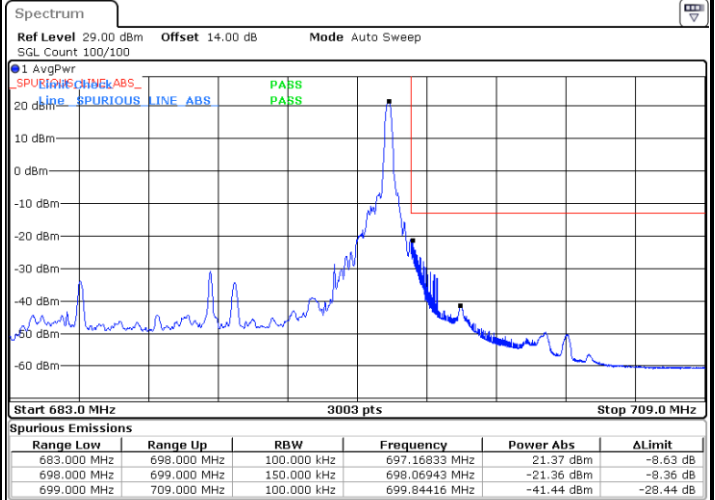
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



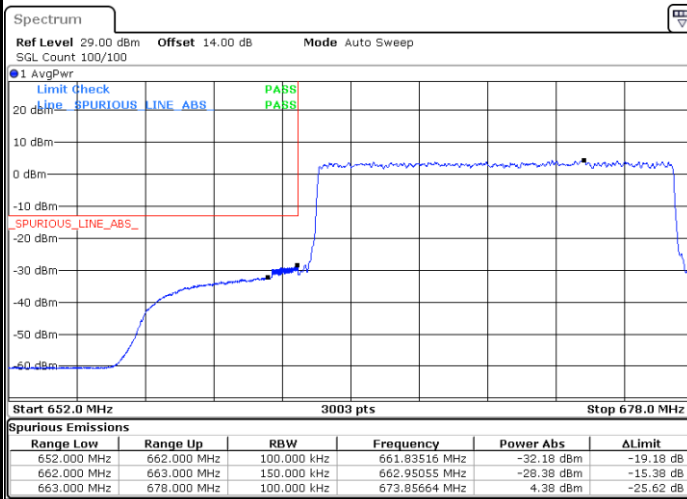
Date: 19 DEC 2020 11:08:43

Highest Band Edge / 1 RB



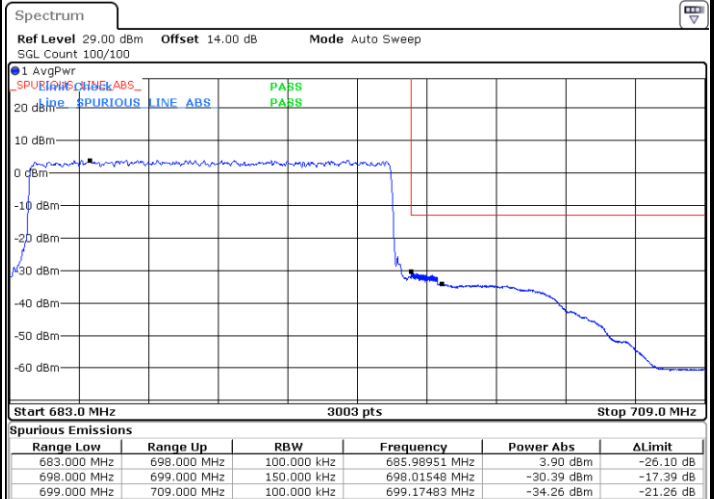
Date: 19 DEC 2020 11:21:13

Lowest Band Edge / Full RB



Date: 19 DEC 2020 11:06:08

Highest Band Edge / Full RB

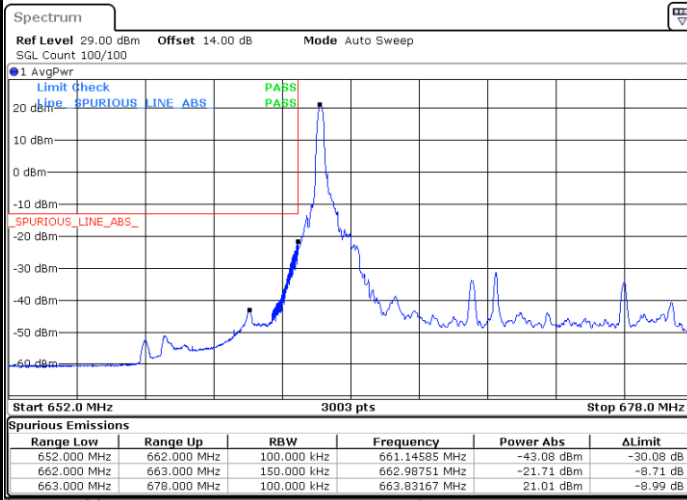


Date: 19 DEC 2020 11:14:42



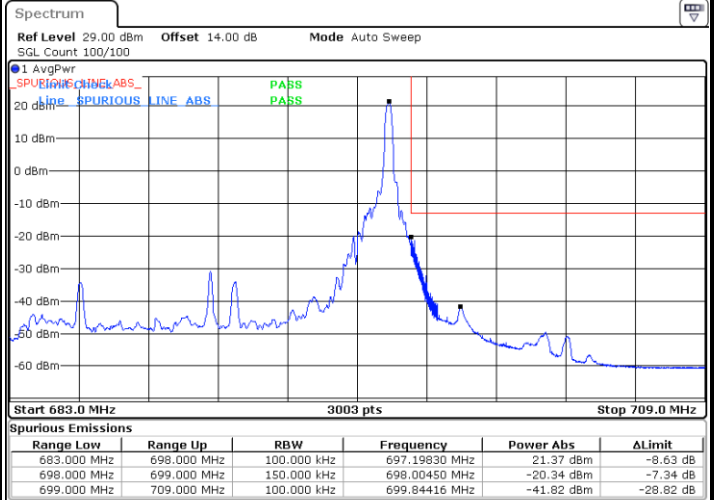
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



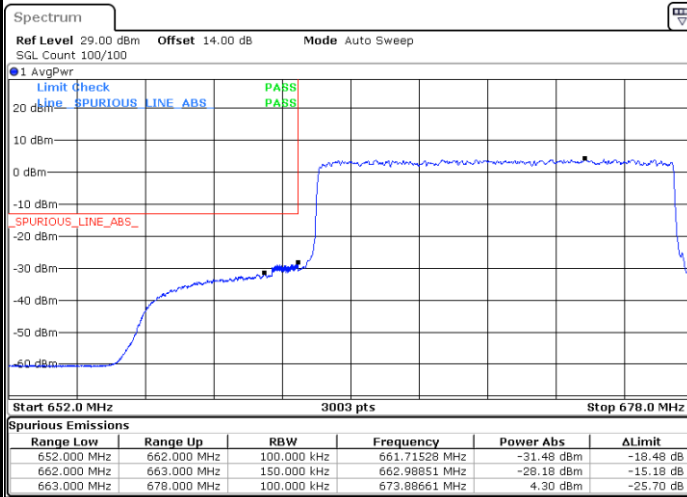
Date: 19 DEC 2020 11:07:37

Highest Band Edge / 1 RB



Date: 19 DEC 2020 11:21:52

Lowest Band Edge / Full RB



Date: 19 DEC 2020 11:06:56

Highest Band Edge / Full RB

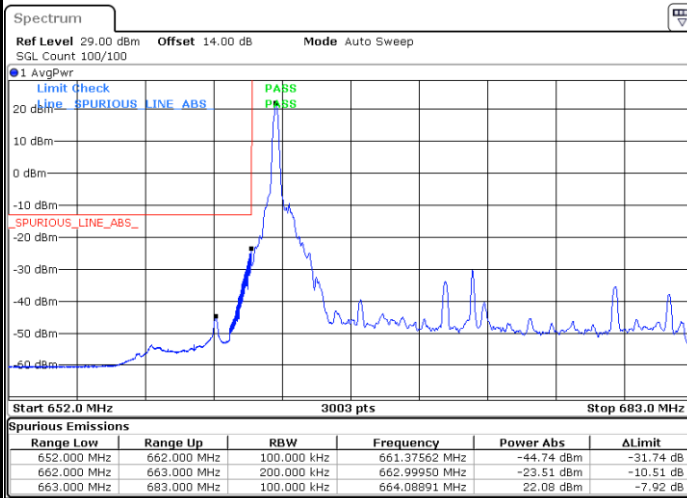


Date: 19 DEC 2020 11:16:05



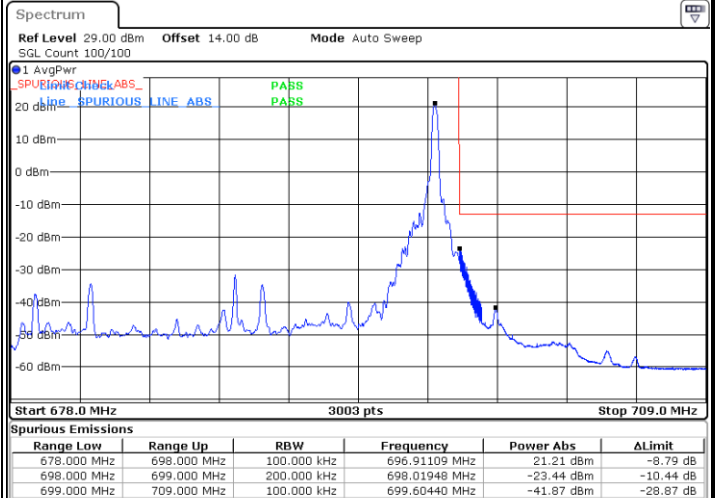
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



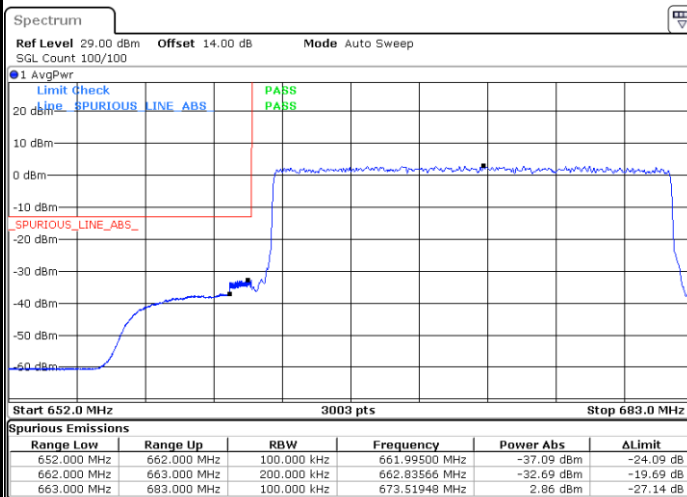
Date: 19.DEC.2020 11:49:56

Highest Band Edge / 1 RB



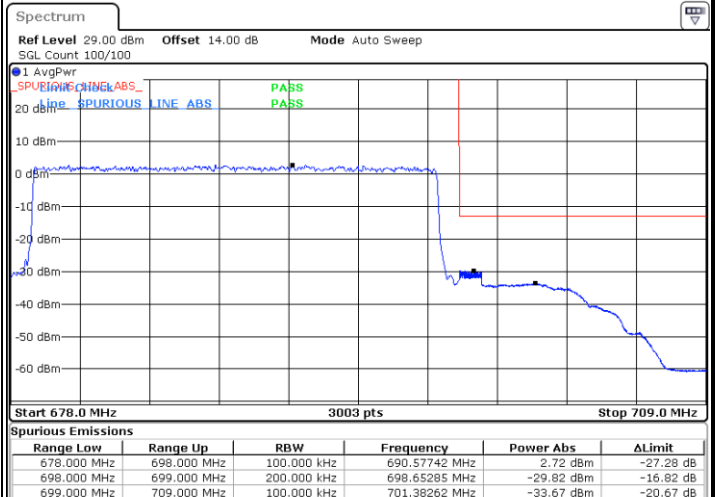
Date: 19.DEC.2020 12:19:42

Lowest Band Edge / Full RB



Date: 19.DEC.2020 11:46:15

Highest Band Edge / Full RB

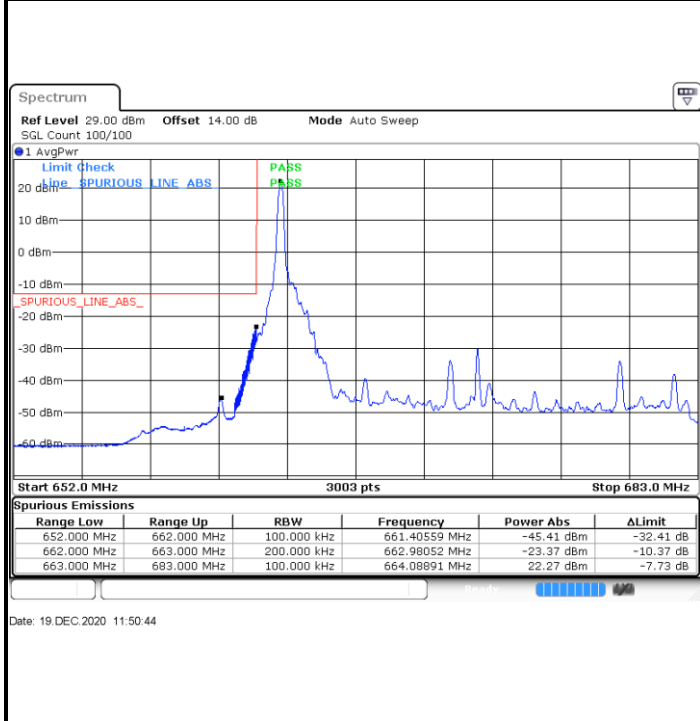


Date: 19.DEC.2020 12:15:22

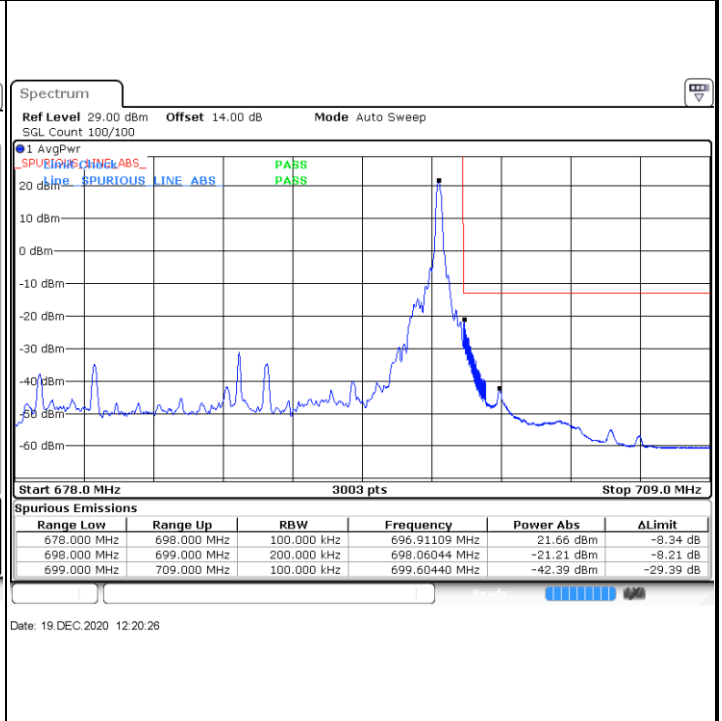


LTE Band 71 / 20MHz / 16QAM

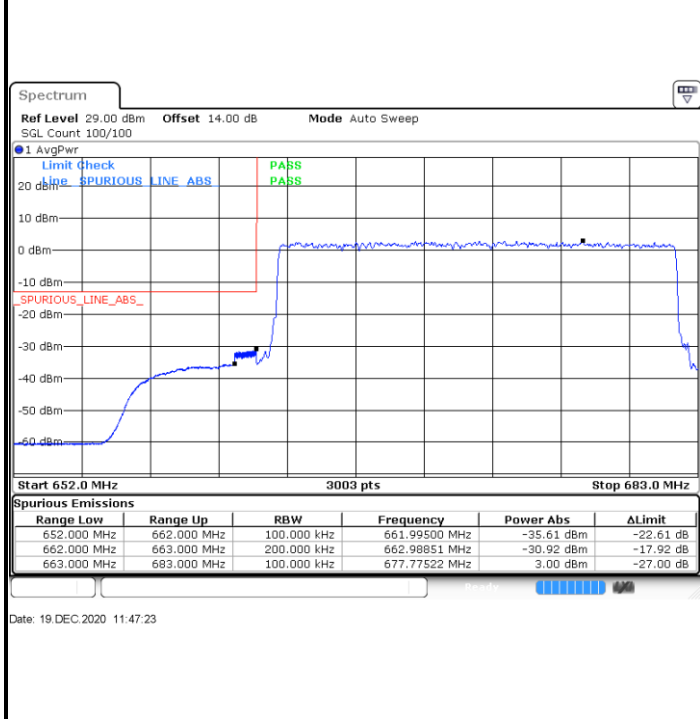
Lowest Band Edge / 1 RB



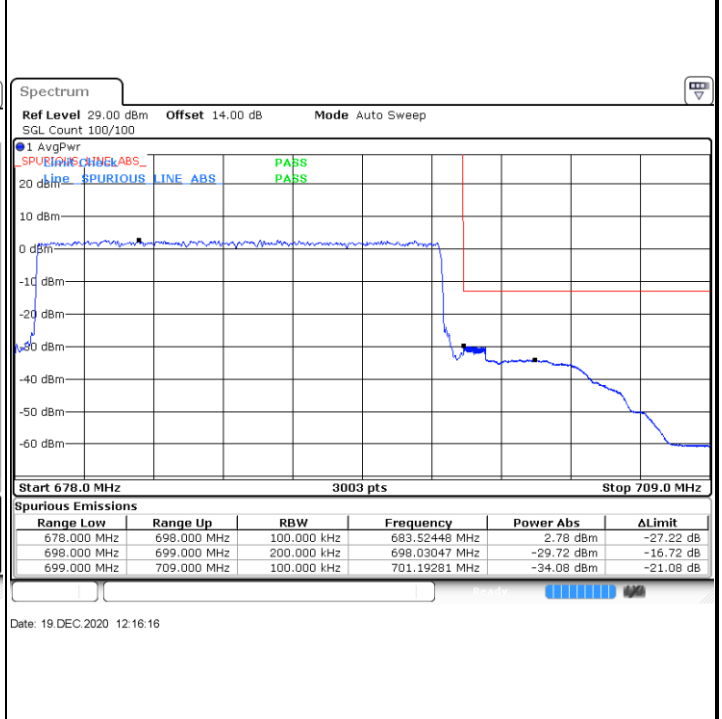
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



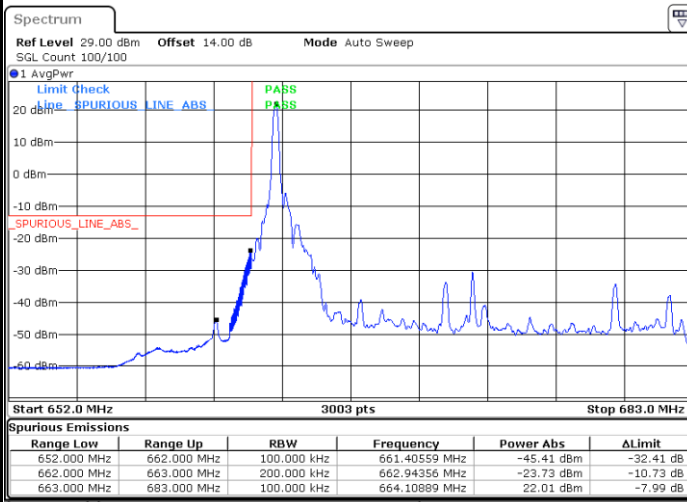
Highest Band Edge / Full RB





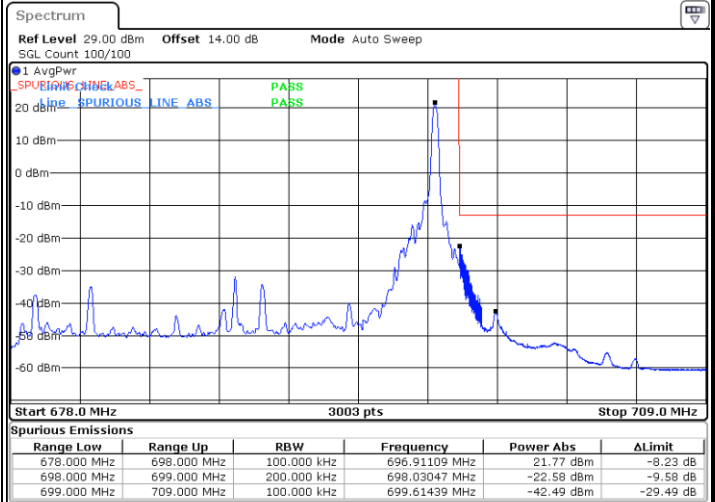
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



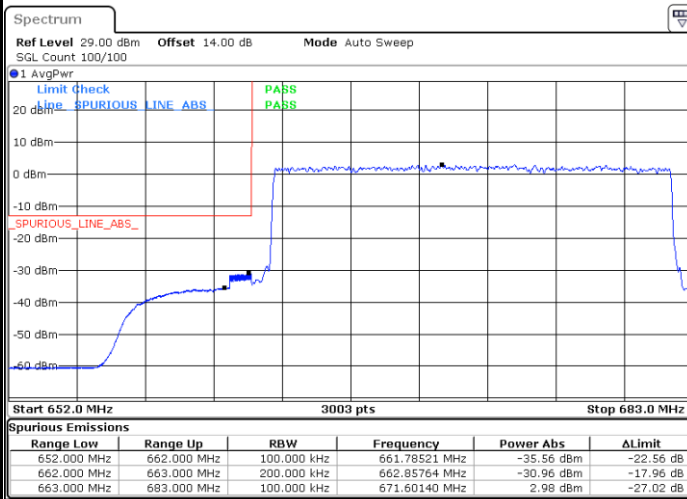
Date: 19 DEC 2020 11:51:22

Highest Band Edge / 1 RB



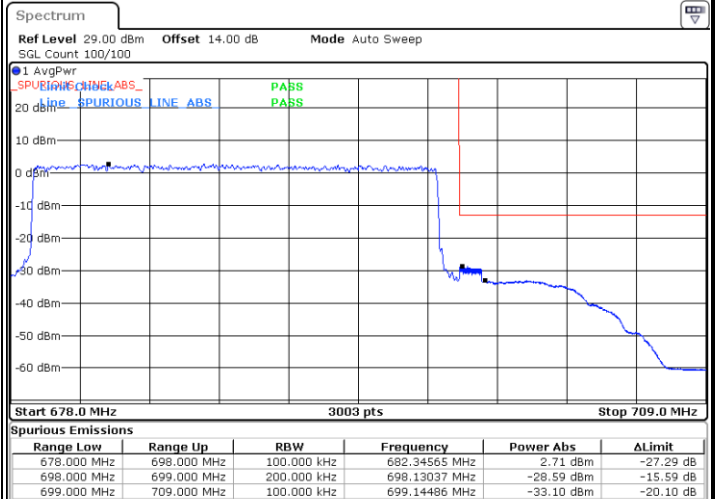
Date: 19 DEC 2020 12:21:02

Lowest Band Edge / Full RB



Date: 19 DEC 2020 11:48:15

Highest Band Edge / Full RB



Date: 19 DEC 2020 12:17:48



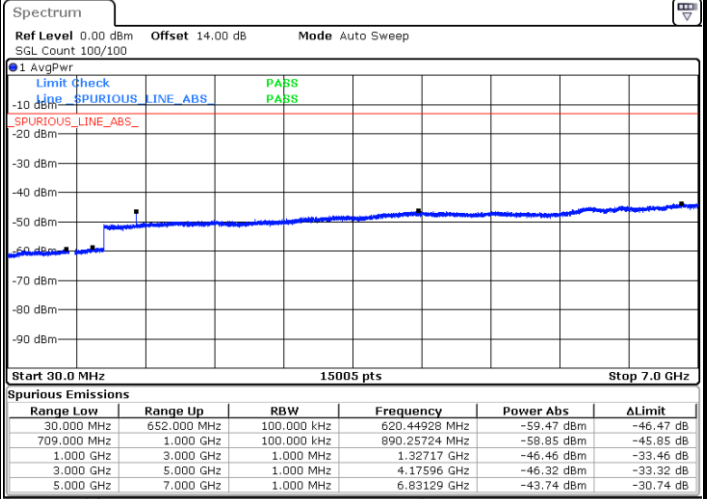
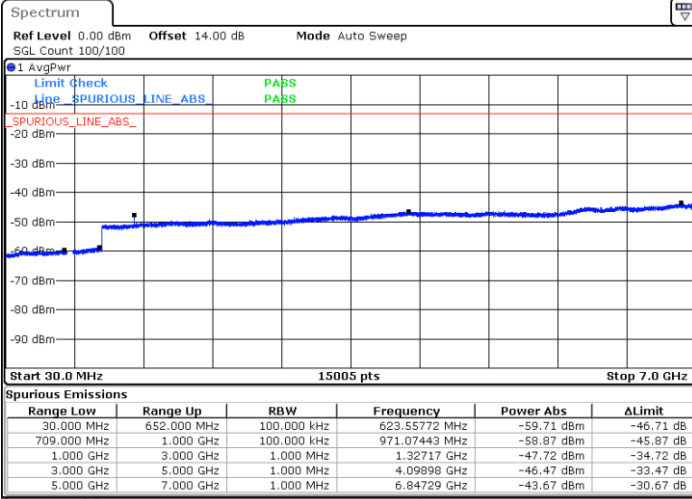
Conducted Spurious Emission



LTE Band 71 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

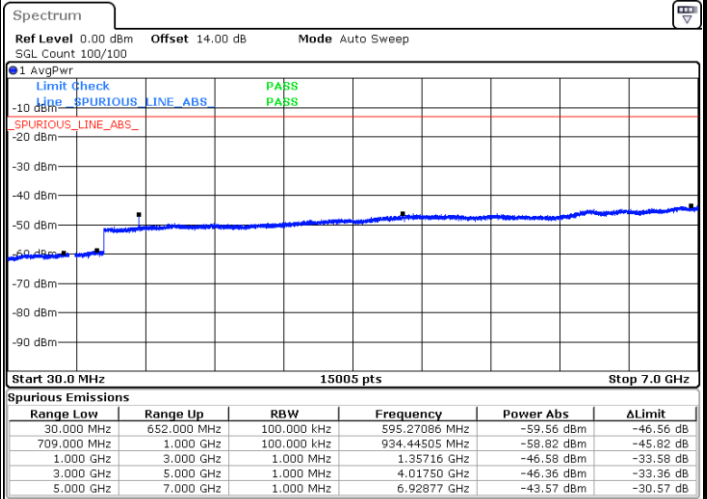
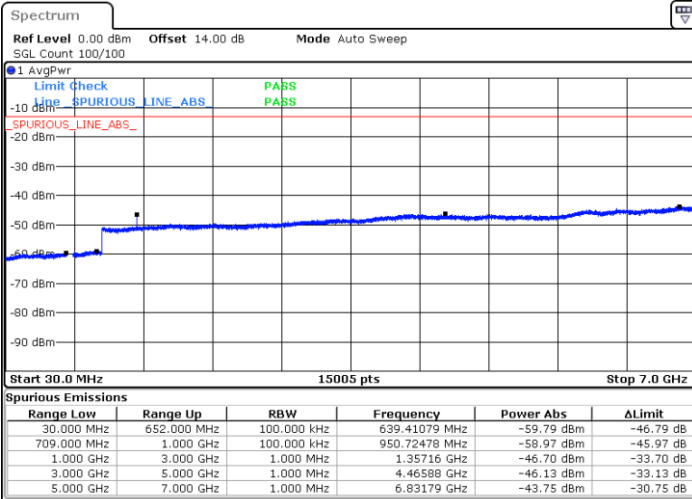


Date: 19.DEC.2020 10:35:19

Date: 19.DEC.2020 10:34:13

Middle Channel / QPSK

Middle Channel / 16QAM



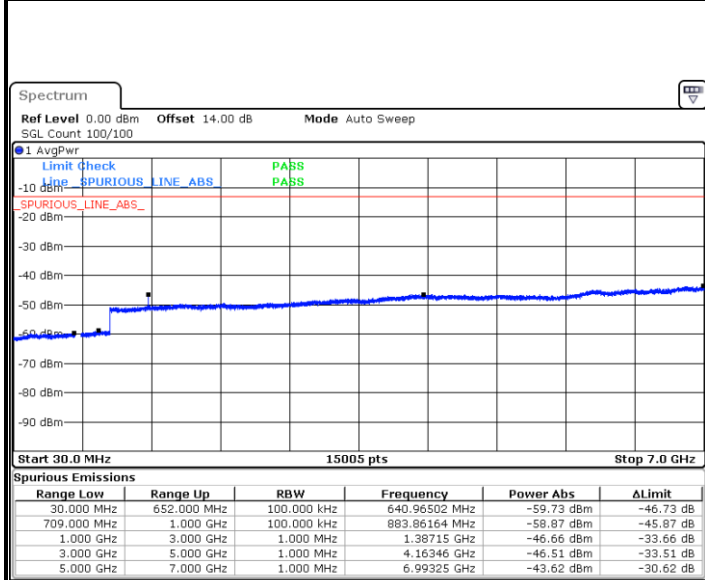
Date: 19.DEC.2020 10:37:20

Date: 19.DEC.2020 10:37:55



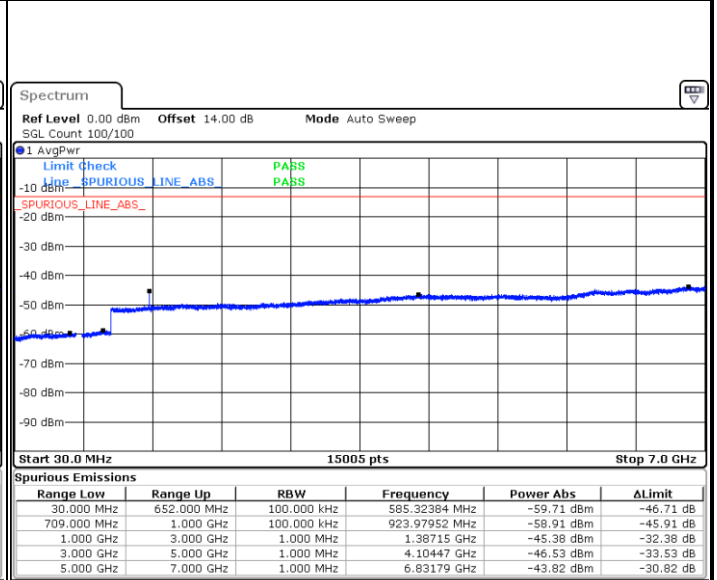
LTE Band 71 / 5MHz

Highest Channel / QPSK



Date: 19.DEC.2020 10:44:35

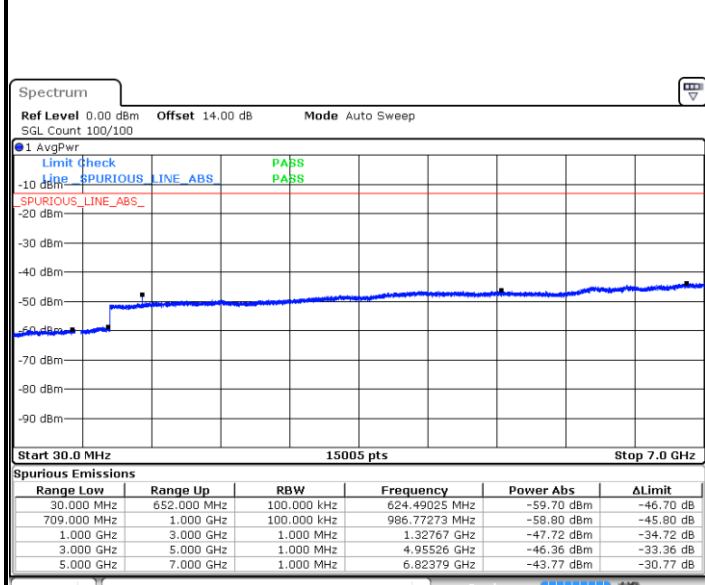
Highest Channel / 16QAM



Date: 19.DEC.2020 10:44:18

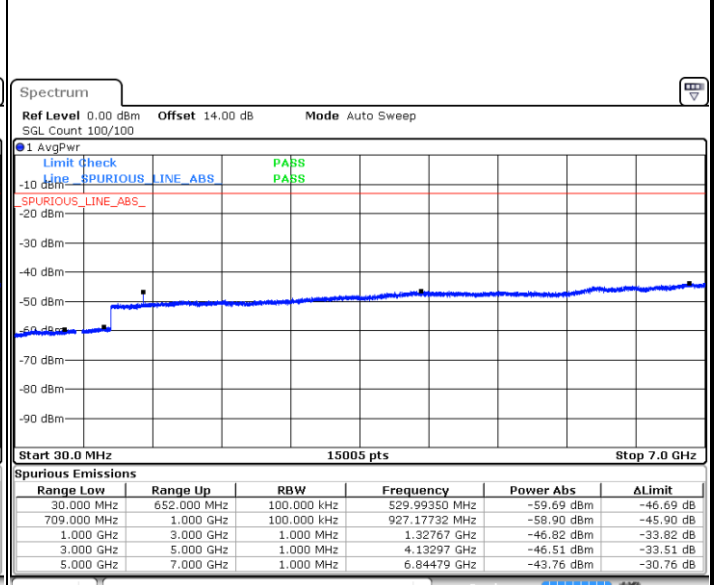
LTE Band 71 / 10MHz

Lowest Channel / QPSK



Date: 19.DEC.2020 10:53:51

Lowest Channel / 16QAM



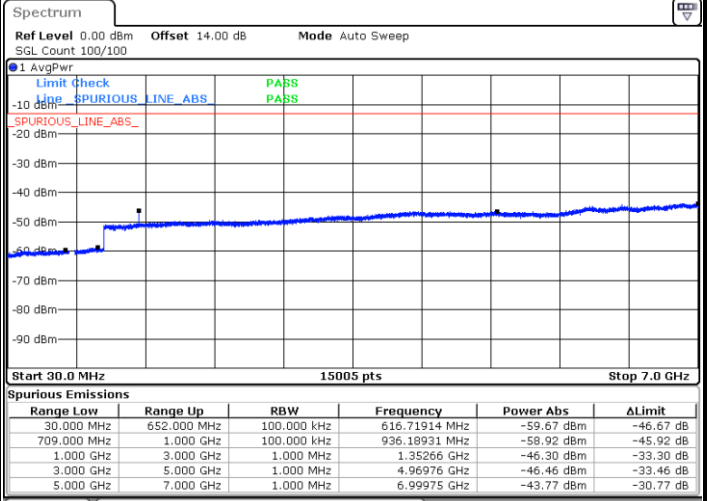
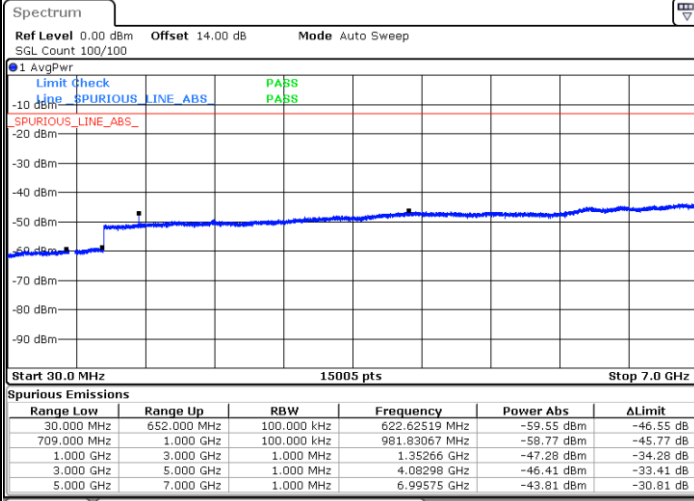
Date: 19.DEC.2020 10:52:55



LTE Band 71 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

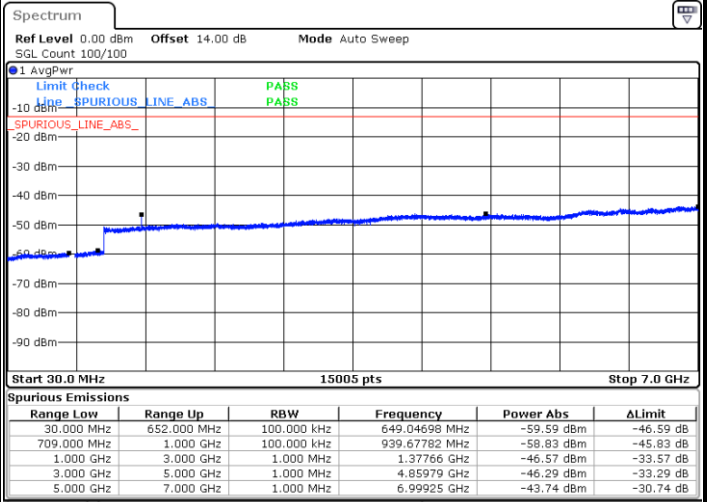
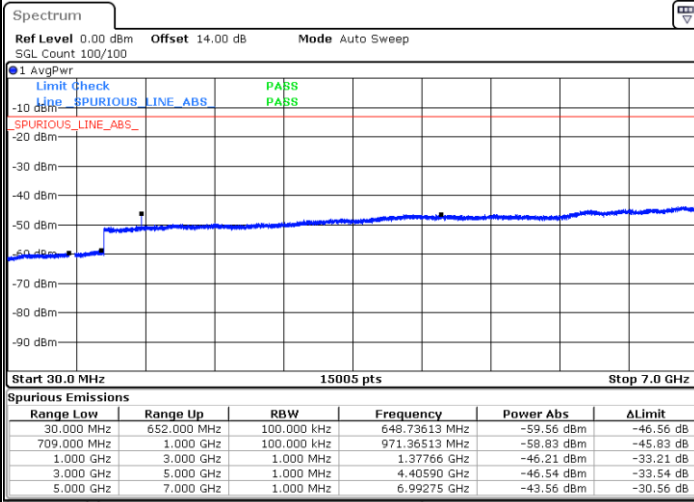


Date: 19.DEC.2020 10:54:26

Date: 19.DEC.2020 10:54:55

Highest Channel / QPSK

Highest Channel / 16QAM



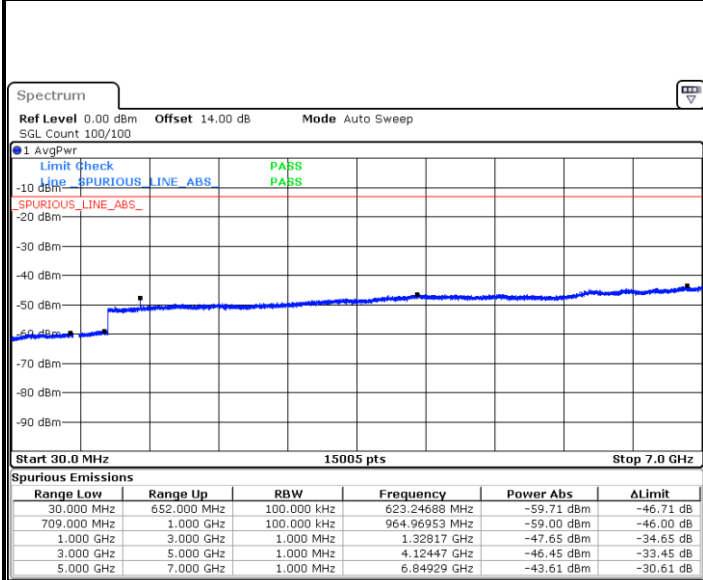
Date: 19.DEC.2020 11:01:00

Date: 19.DEC.2020 11:00:42



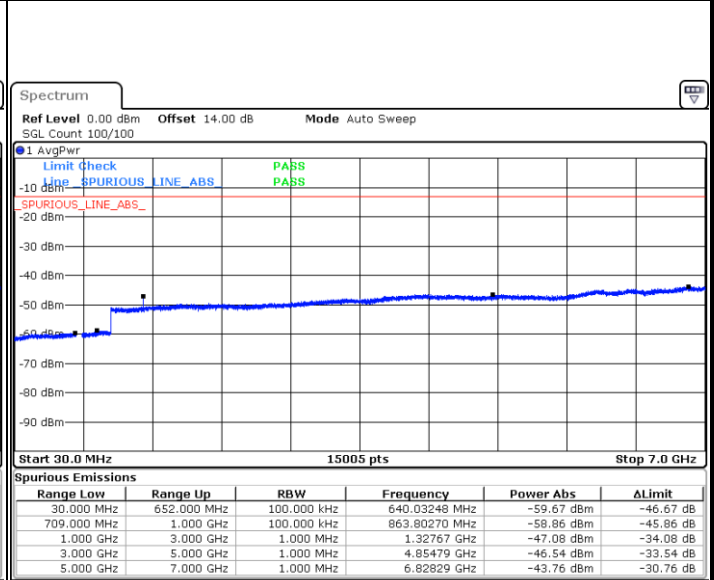
LTE Band 71 / 15MHz

Lowest Channel / QPSK



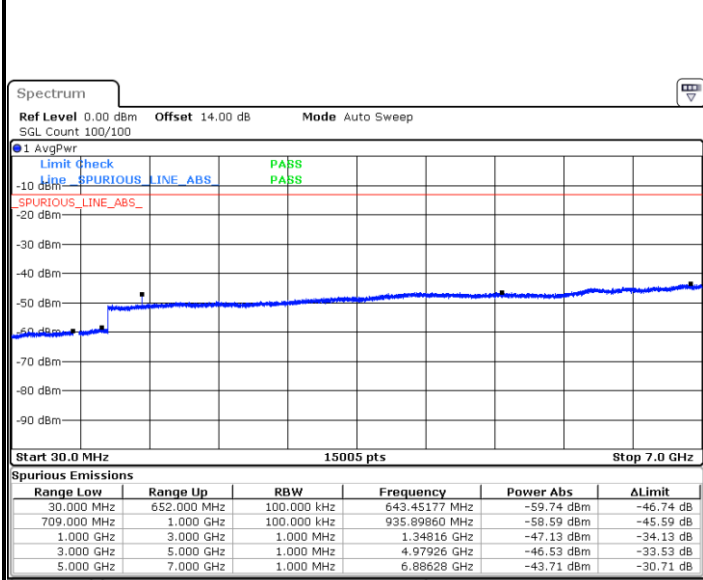
Date: 19 DEC. 2020 11:09:54

Lowest Channel / 16QAM



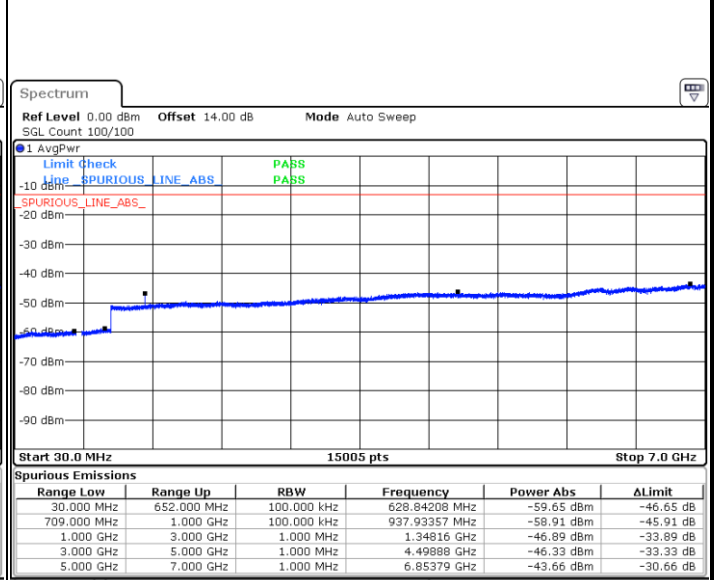
Date: 19 DEC. 2020 11:08:56

Middle Channel / QPSK



Date: 19 DEC. 2020 11:10:41

Middle Channel / 16QAM

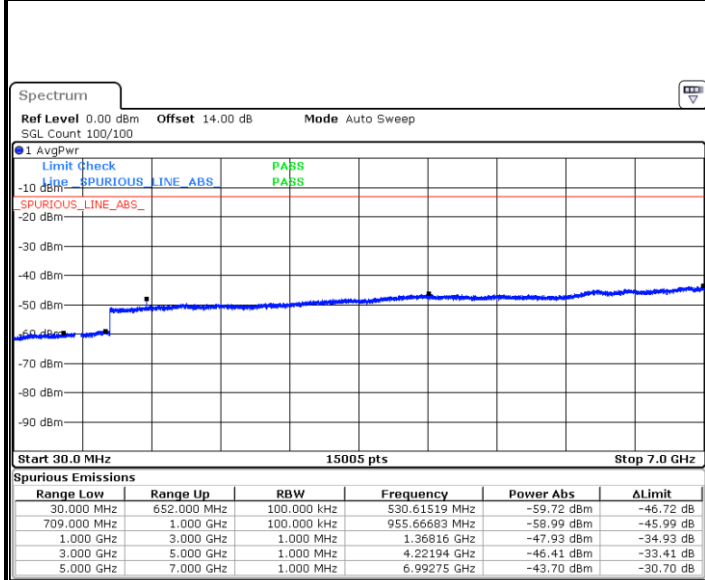


Date: 19 DEC. 2020 11:11:01



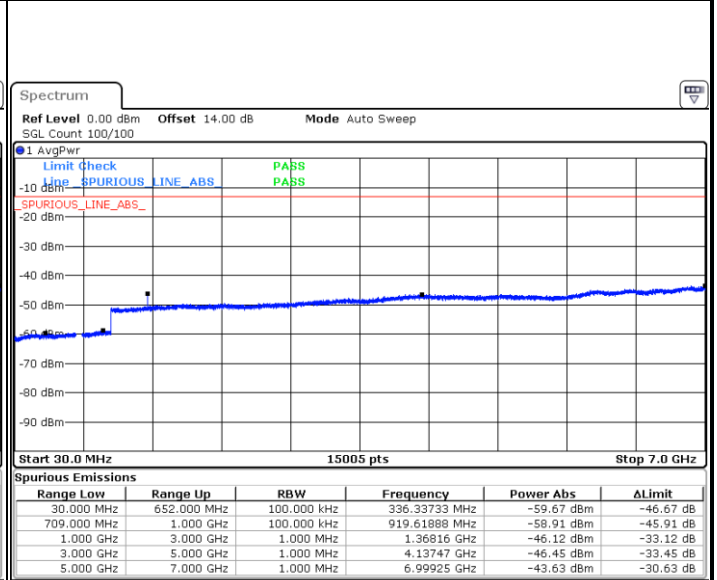
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 19.DEC.2020 11:19:42

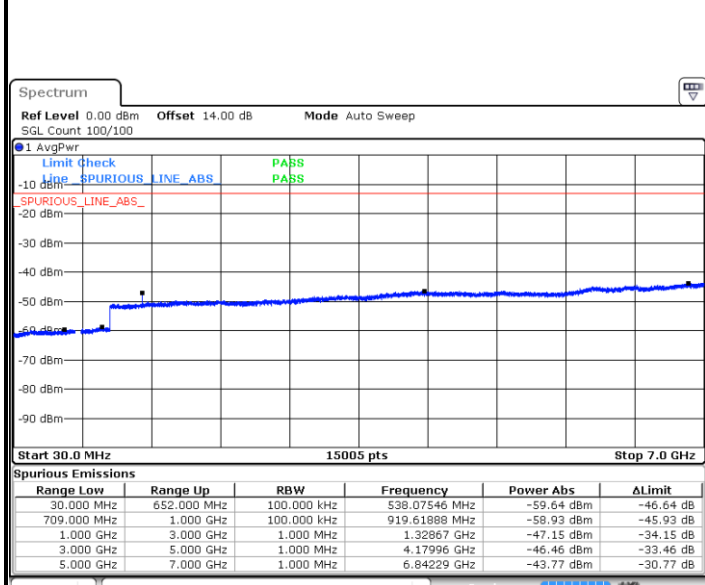
Highest Channel / 16QAM



Date: 19.DEC.2020 11:19:24

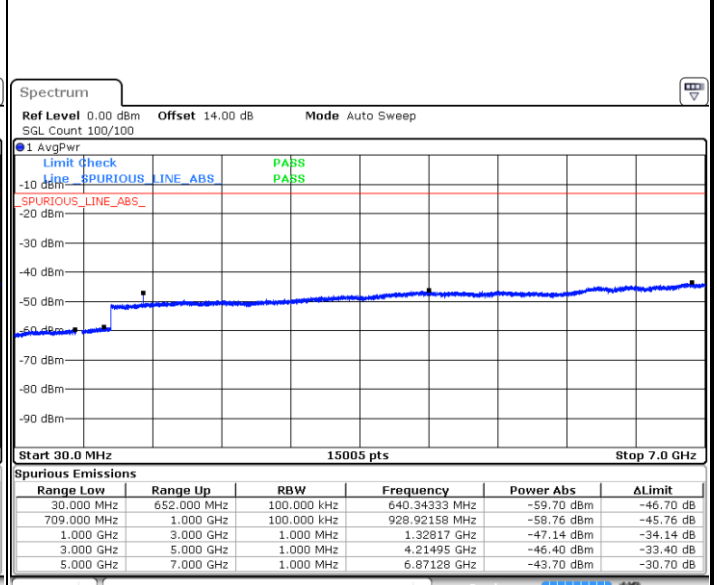
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 19.DEC.2020 11:49:21

Lowest Channel / 16QAM



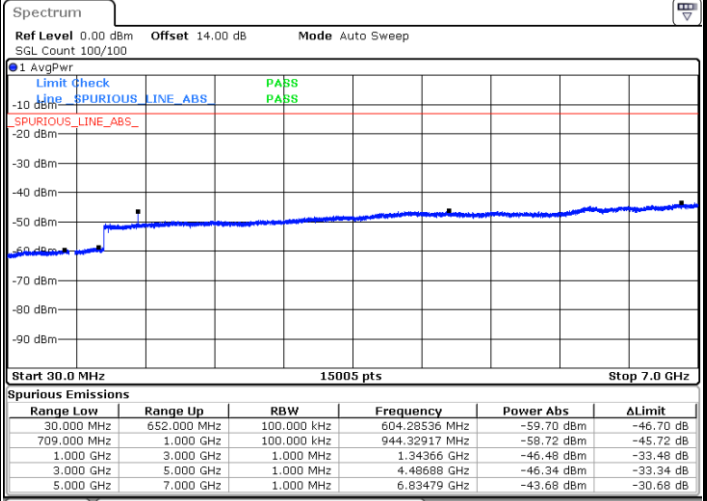
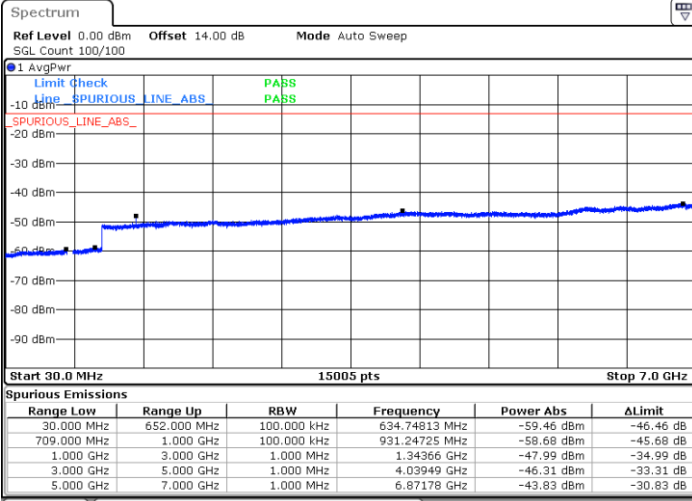
Date: 19.DEC.2020 11:48:54



LTE Band 71 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

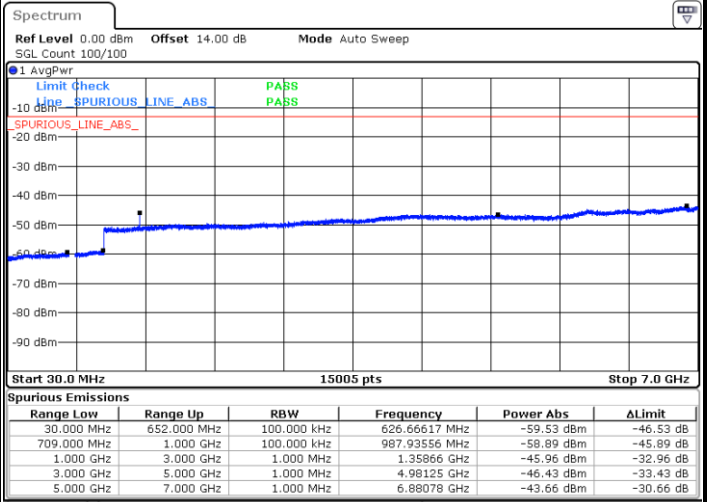
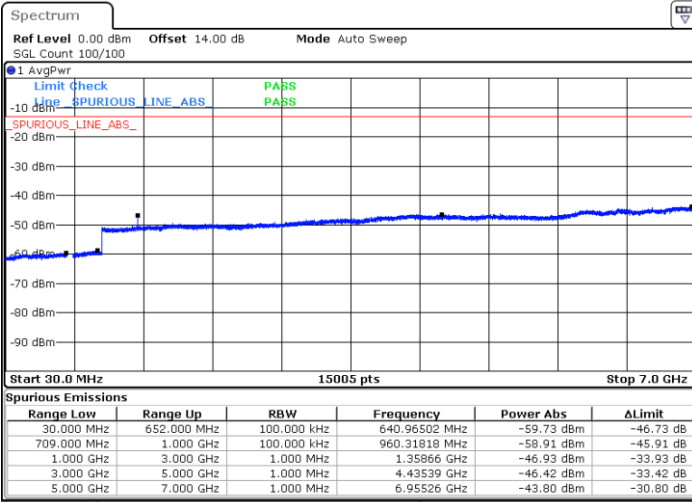


Date: 19.DEC.2020 12:12:23

Date: 19.DEC.2020 12:12:43

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 19.DEC.2020 12:18:58

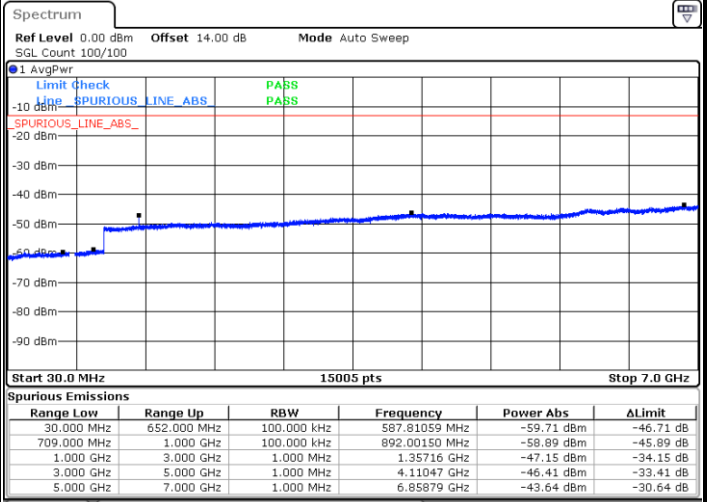
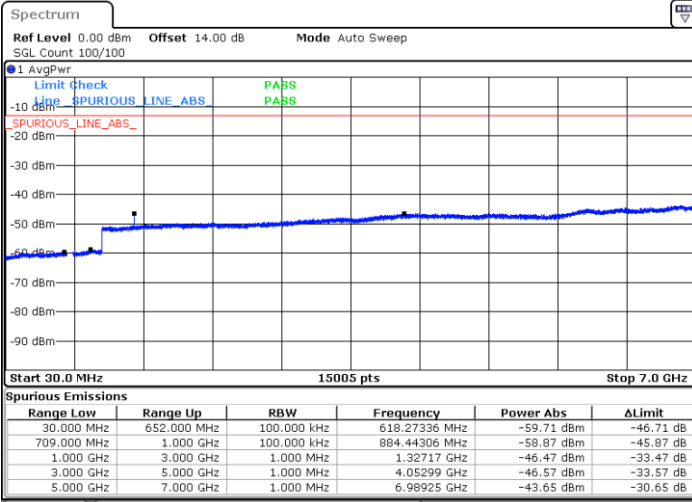
Date: 19.DEC.2020 12:18:36



LTE Band 71 / 5MHz

Lowest Channel / 64QAM

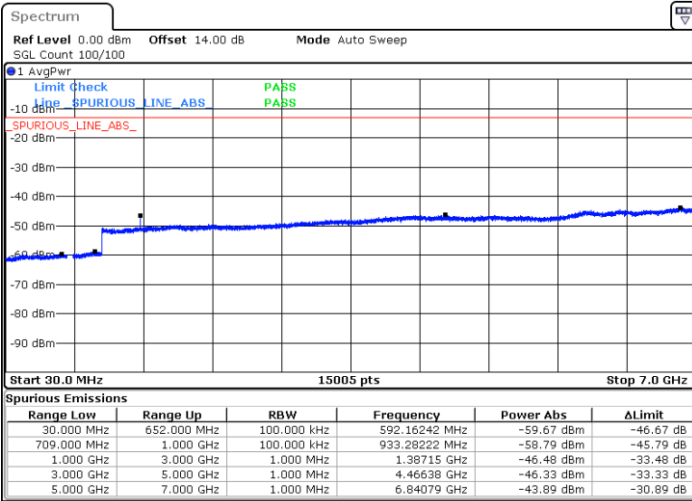
Middle Channel / 64QAM



Date: 19.DEC.2020 10:31:34

Date: 19.DEC.2020 10:38:15

Highest Channel / 64QAM



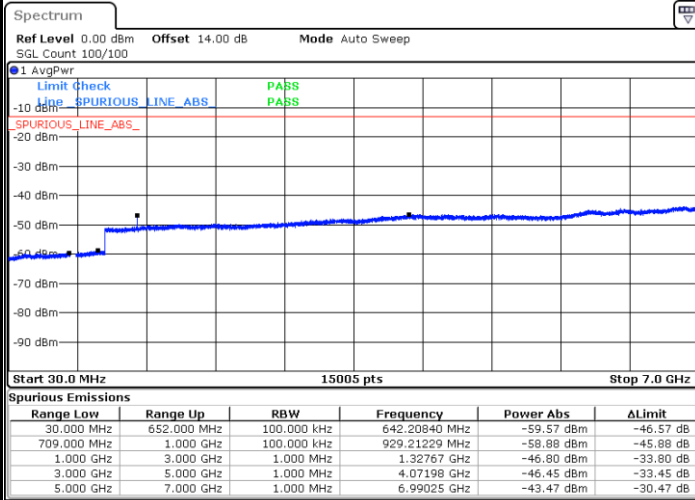
Date: 19.DEC.2020 10:43:59



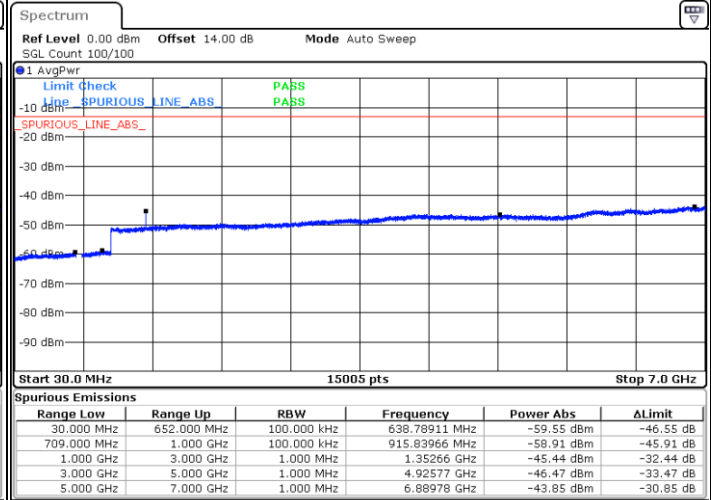
LTE Band 71 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

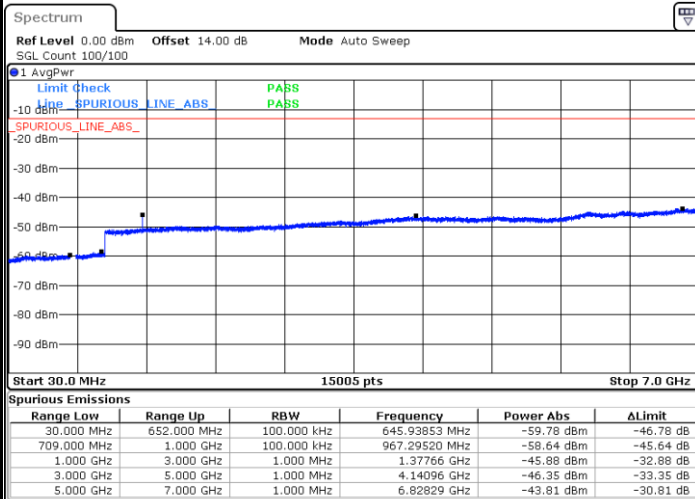


Date: 19.DEC.2020 10:52:05



Date: 19.DEC.2020 10:55:15

Highest Channel / 64QAM



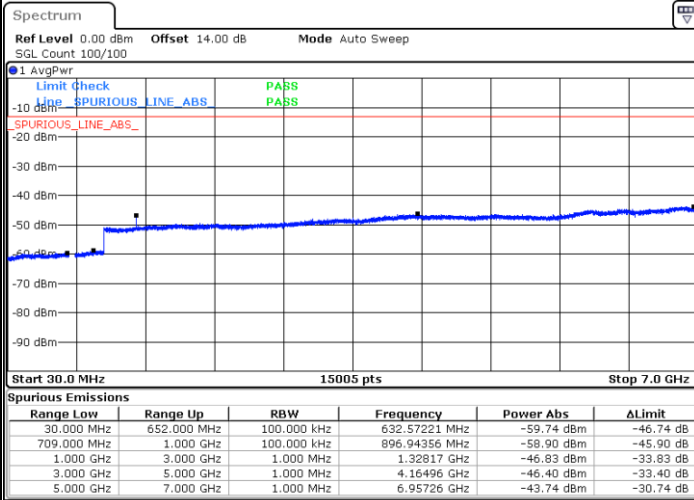
Date: 19.DEC.2020 11:00:20



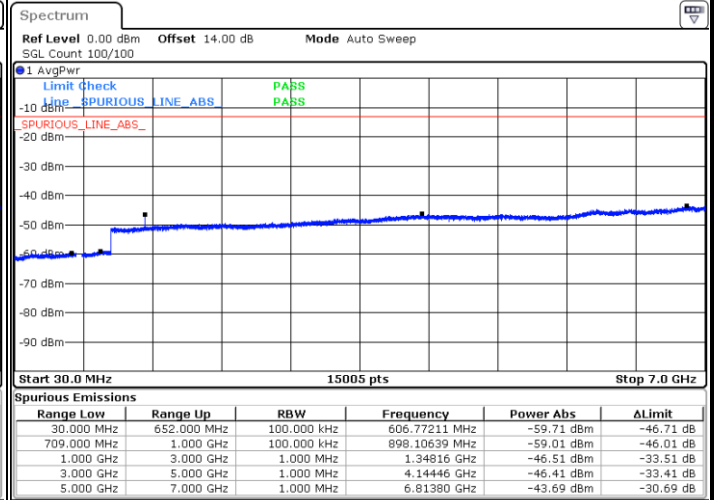
LTE Band 71 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

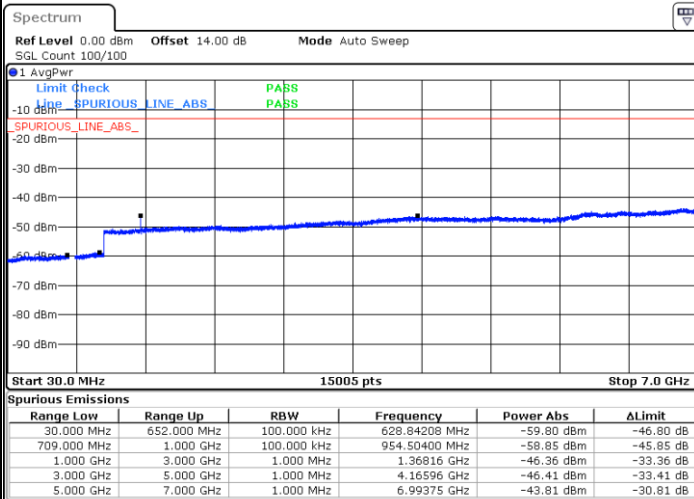


Date: 19.DEC.2020 11:07:50



Date: 19.DEC.2020 11:11:21

Highest Channel / 64QAM

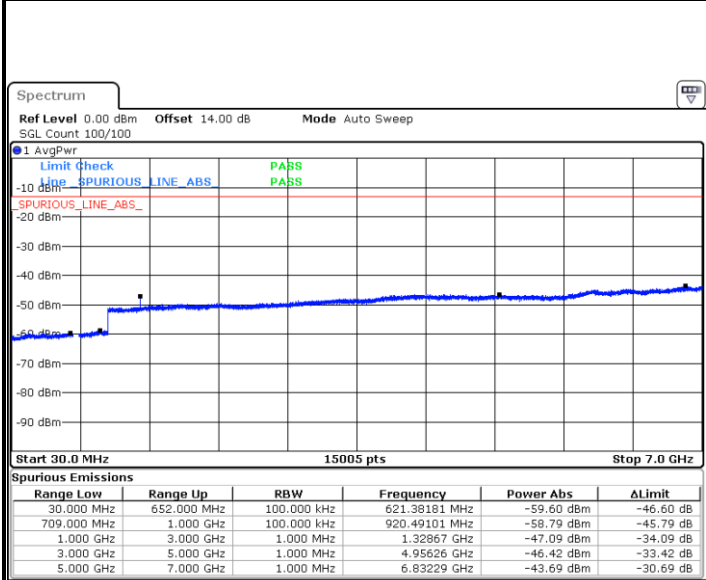


Date: 19.DEC.2020 11:19:05



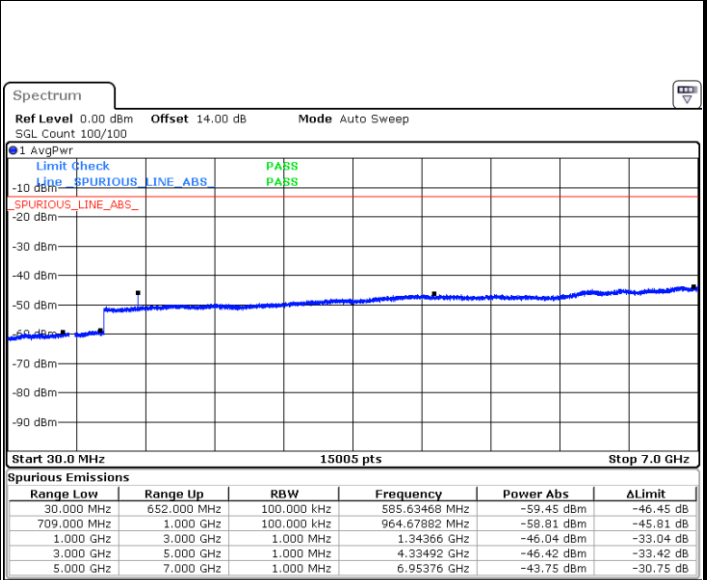
LTE Band 71 / 20MHz

Lowest Channel / 64QAM



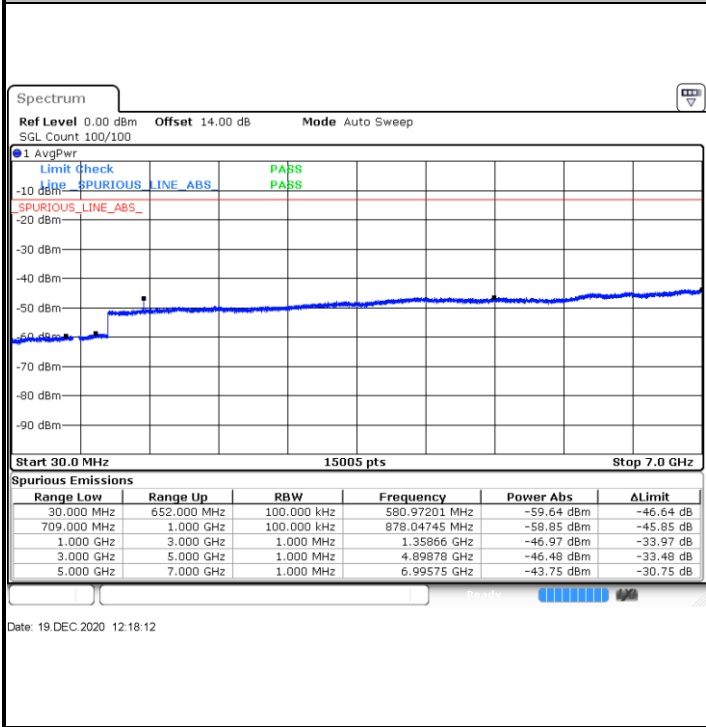
Date: 19.DEC.2020 11:48:36

Middle Channel / 64QAM



Date: 19.DEC.2020 12:13:02

Highest Channel / 64QAM



Date: 19.DEC.2020 12:18:12



Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0041	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 V. ; Maximum Voltage =4.4 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+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.79	25.13	30.33	34.62
Middle CH	29.85	25.23	30.57	34.69
Highest CH	29.79	25.18	30.33	34.69
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.91	34.83	39.72	-
Middle CH	30.03	34.97	39.80	-
Highest CH	29.91	34.76	39.80	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.61	25.13	30.51	34.76
Middle CH	29.85	25.08	30.51	34.69
Highest CH	29.61	25.13	30.63	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	34.76	39.80	-
Middle CH	29.97	34.83	39.80	-
Highest CH	29.85	34.90	39.80	-

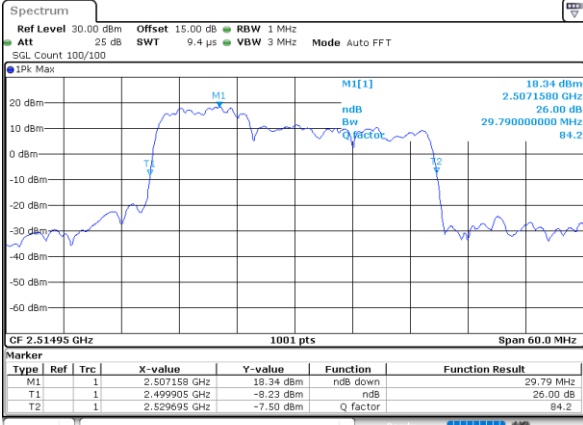
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.67	25.08	30.39	34.90
Middle CH	29.79	25.23	30.51	34.83
Highest CH	29.85	25.08	30.45	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.79	34.90	39.72	-
Middle CH	29.85	34.76	39.56	-
Highest CH	29.97	34.69	39.80	-



LTE Band 7C

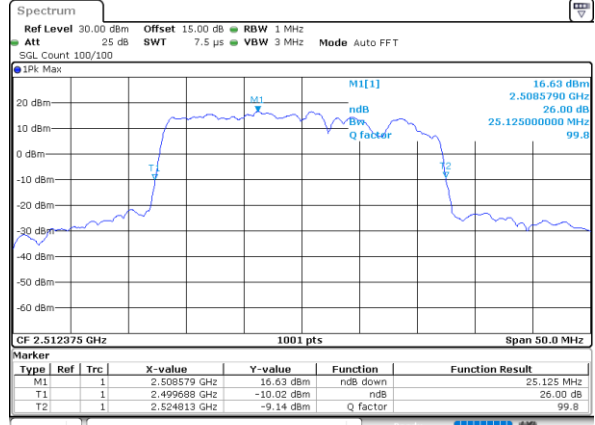
QPSK

Lowest Channel / 10MHz+20MHz



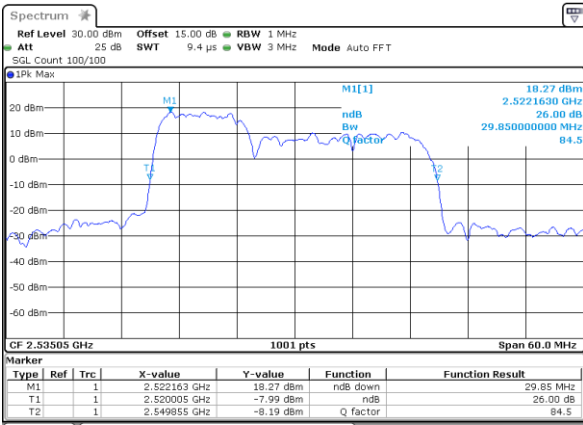
Date: 4.JAN.2021 22:08:06

Lowest Channel / 15MHz+10MHz



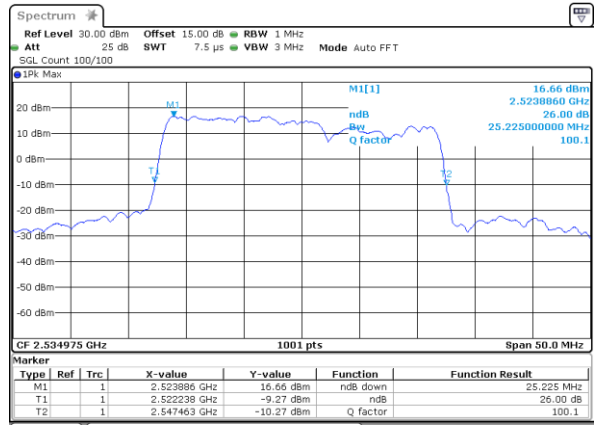
Date: 5.JAN.2021 00:38:09

Middle Channel / 10MHz+20MHz



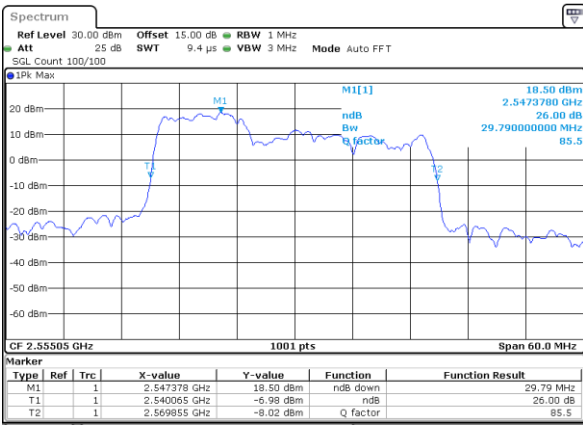
Date: 4.JAN.2021 23:12:08

Middle Channel / 15MHz+10MHz



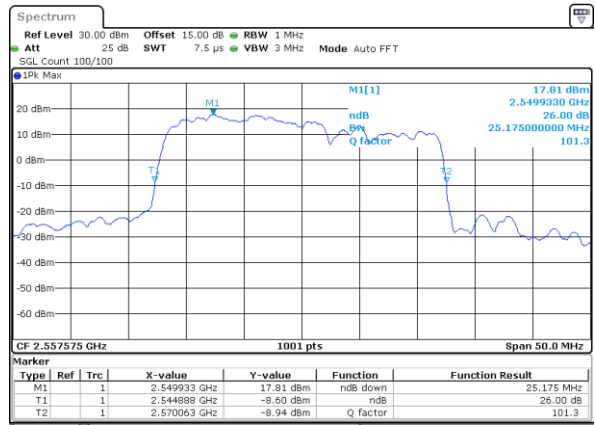
Date: 5.JAN.2021 01:03:53

Highest Channel / 10MHz+20MHz



Date: 4.JAN.2021 23:35:12

Highest Channel / 15MHz+10MHz



Date: 5.JAN.2021 01:20:22