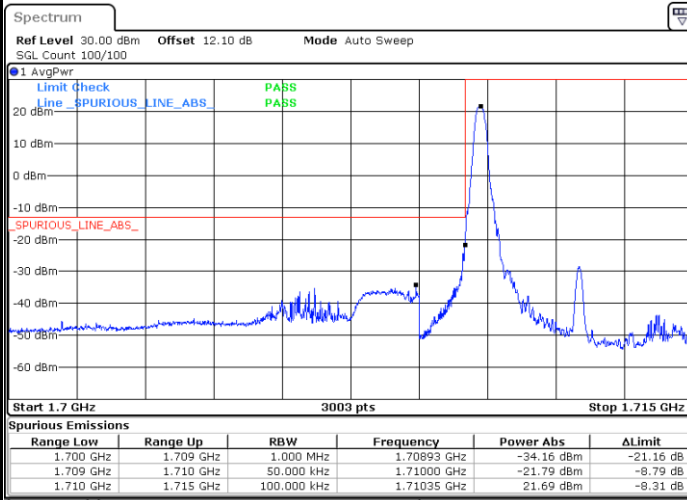




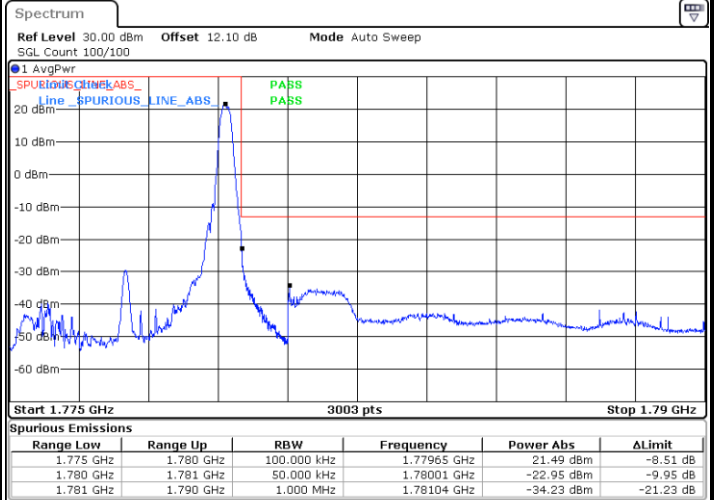
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



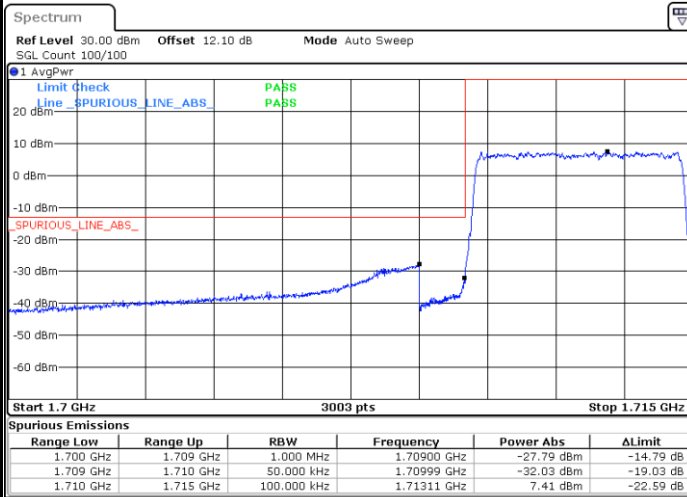
Date: 23 DEC 2020 13:58:47

Highest Band Edge / 1 RB



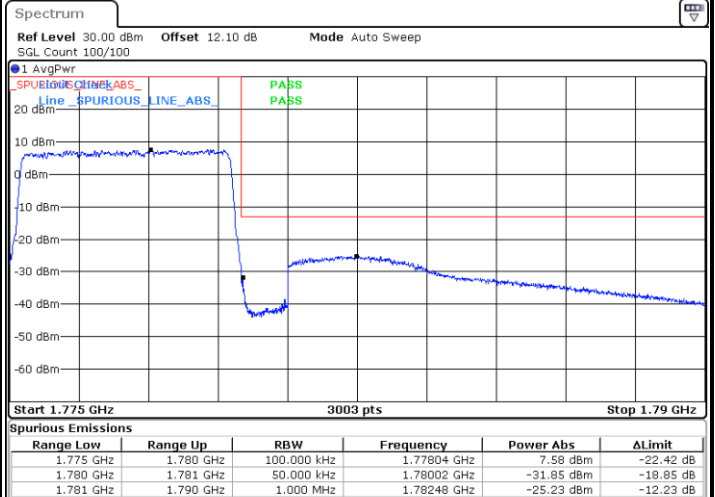
Date: 23 DEC 2020 14:02:38

Lowest Band Edge / Full RB



Date: 23 DEC 2020 14:00:14

Highest Band Edge / Full RB

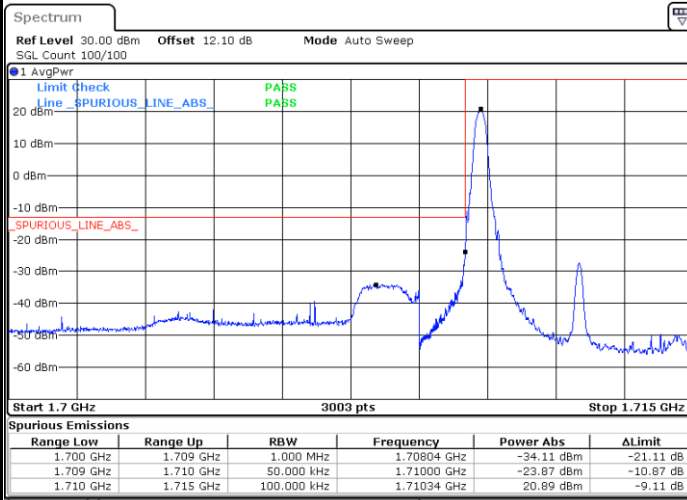


Date: 23 DEC 2020 14:04:04



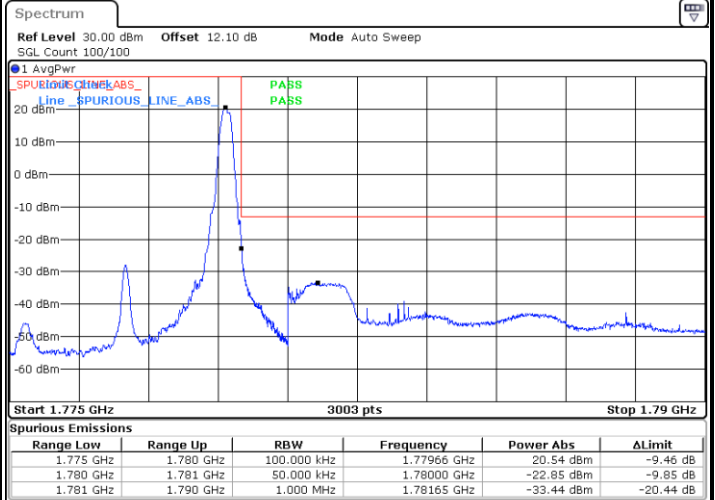
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



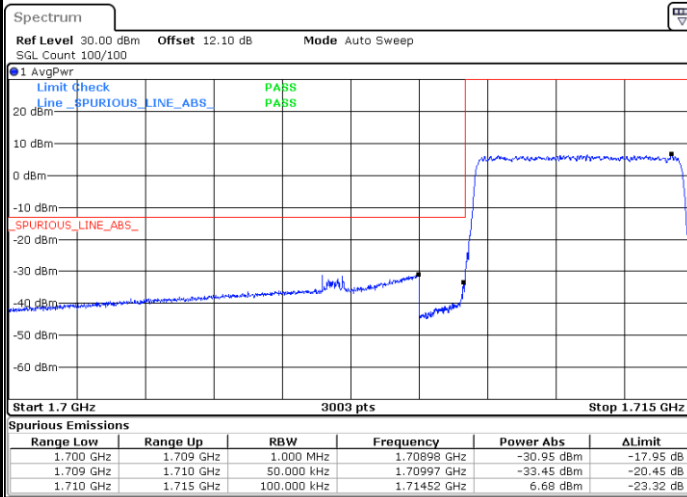
Date: 23 DEC 2020 13:54:43

Highest Band Edge / 1 RB



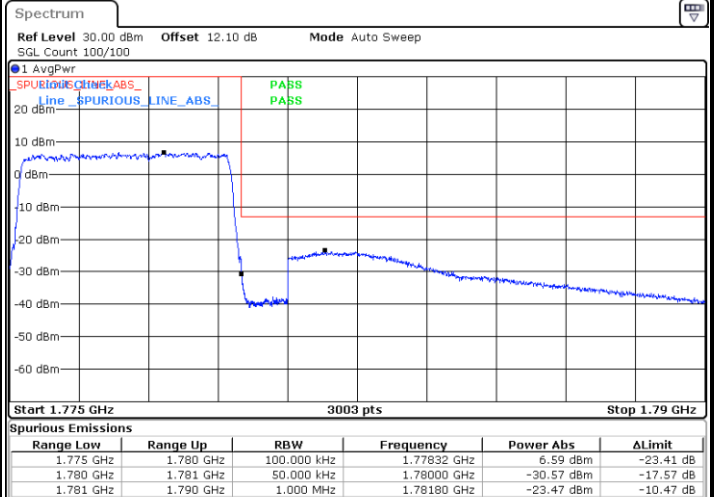
Date: 23 DEC 2020 13:56:38

Lowest Band Edge / Full RB



Date: 23 DEC 2020 13:55:26

Highest Band Edge / Full RB

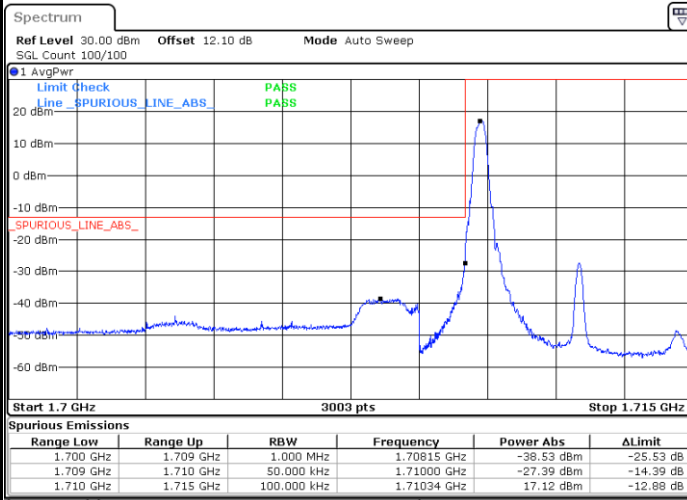


Date: 23 DEC 2020 13:57:21



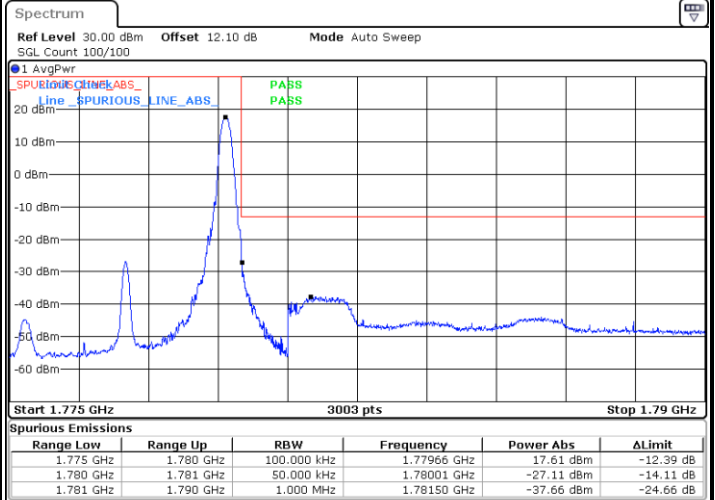
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1RB



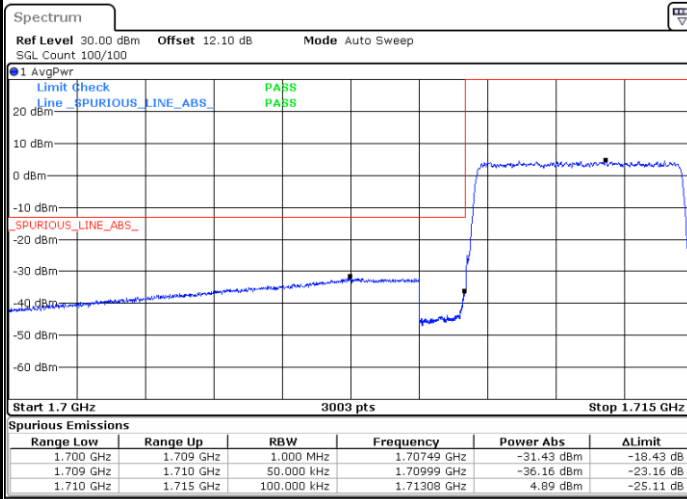
Date: 23 DEC 2020 15:38:02

Highest Band Edge / 1 RB



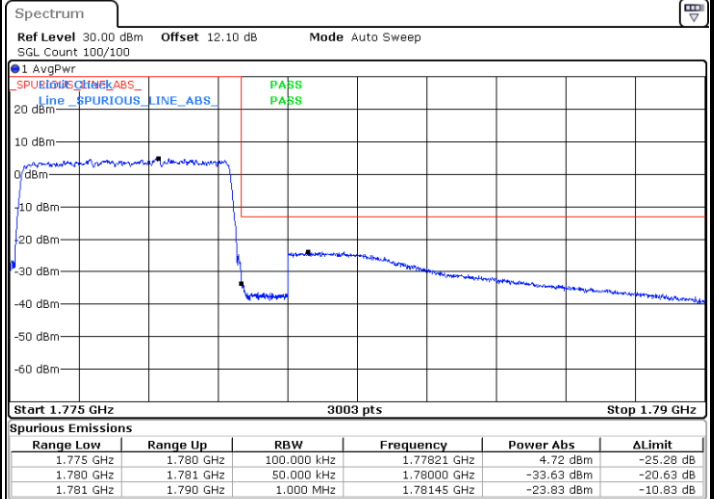
Date: 23 DEC 2020 15:39:14

Lowest Band Edge / Full RB



Date: 23 DEC 2020 15:38:41

Highest Band Edge / Full RB

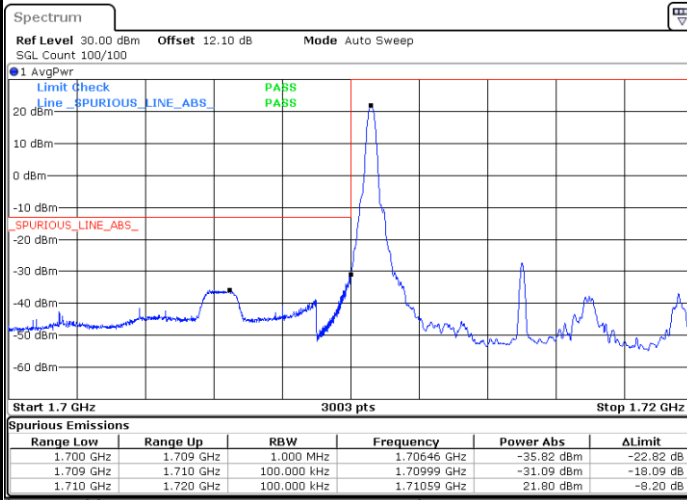


Date: 23 DEC 2020 15:39:48



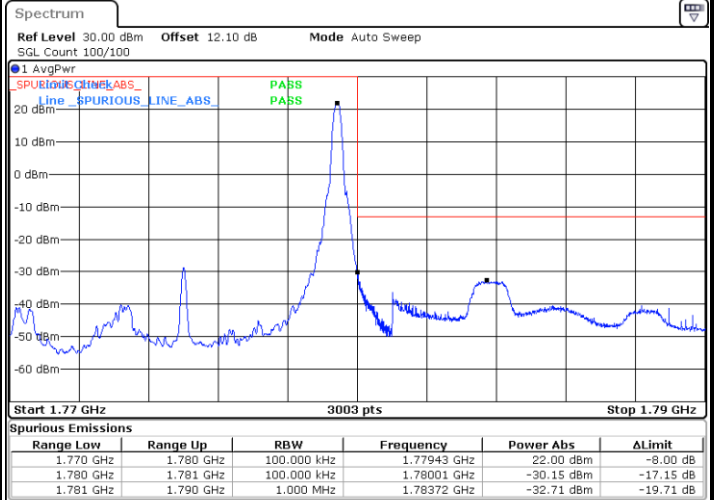
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



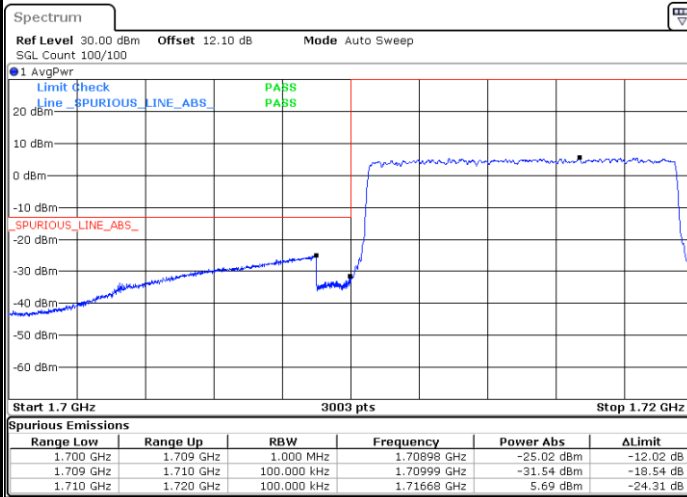
Date: 23 DEC 2020 14:05:03

Highest Band Edge / 1 RB



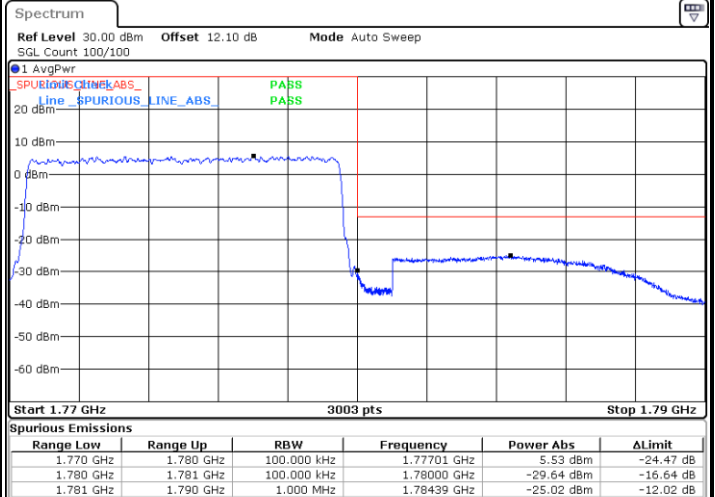
Date: 23 DEC 2020 14:08:54

Lowest Band Edge / Full RB



Date: 23 DEC 2020 14:06:29

Highest Band Edge / Full RB

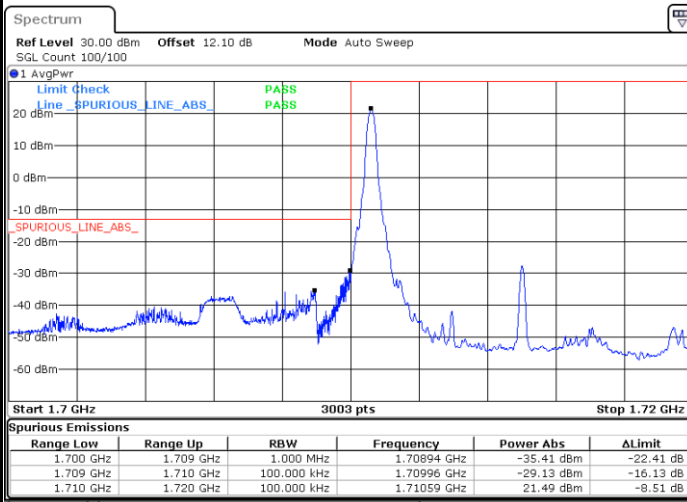


Date: 23 DEC 2020 14:10:20



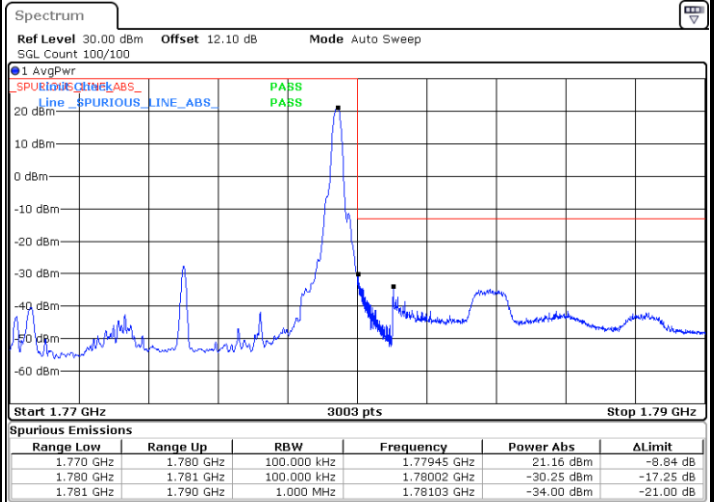
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



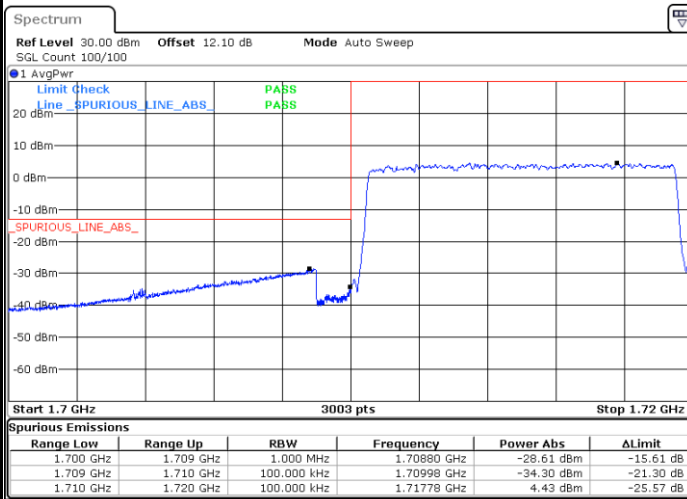
Date: 23 DEC 2020 14:05:46

Highest Band Edge / 1 RB



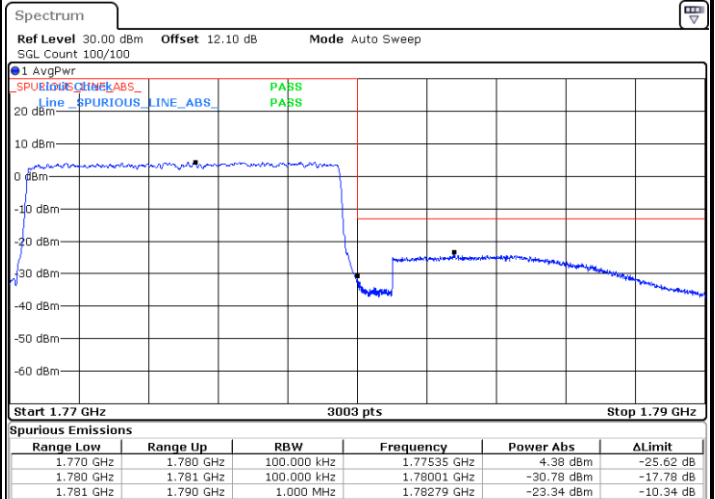
Date: 23 DEC 2020 14:09:37

Lowest Band Edge / Full RB



Date: 23 DEC 2020 14:07:12

Highest Band Edge / Full RB

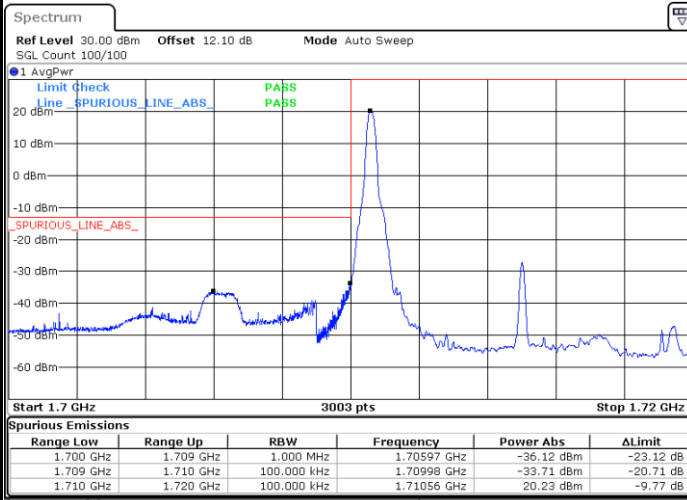


Date: 23 DEC 2020 14:11:03



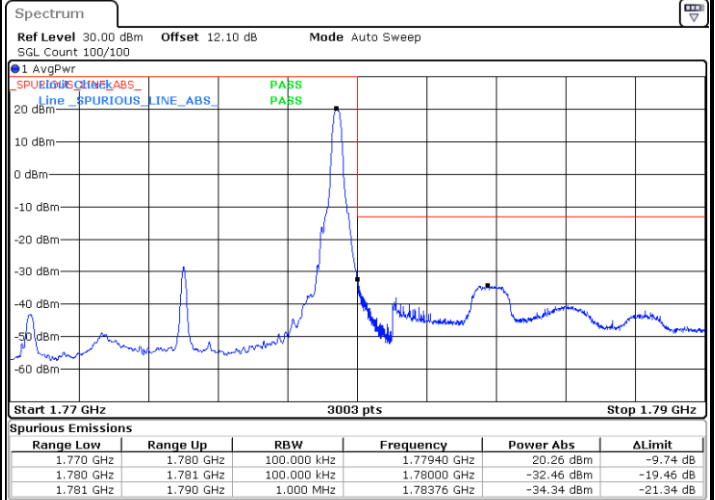
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



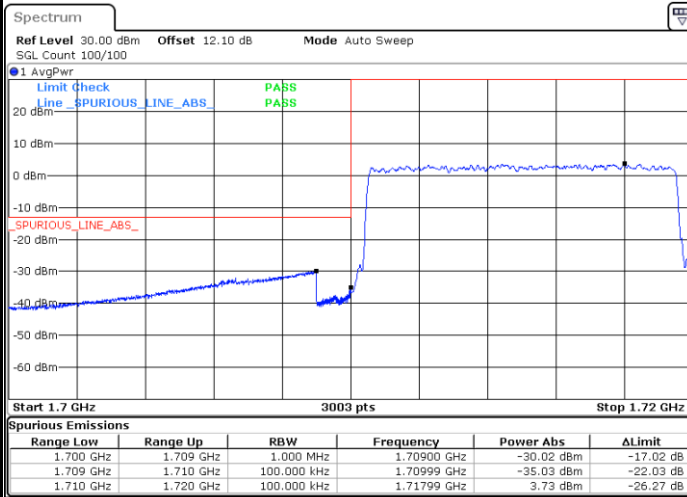
Date: 23 DEC 2020 14:11:46

Highest Band Edge / 1 RB



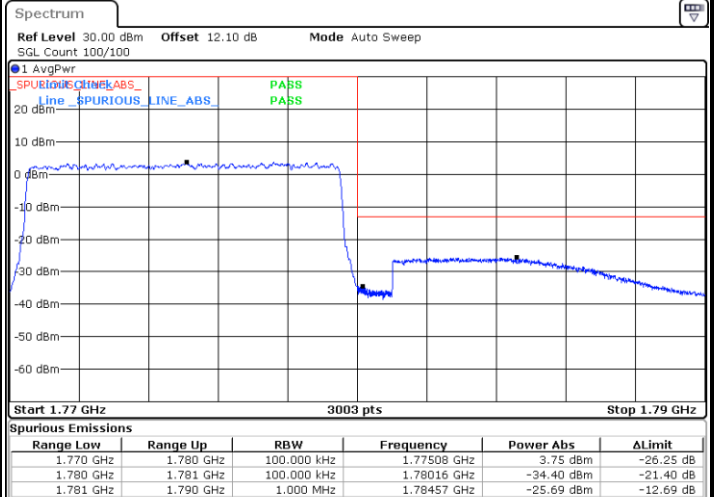
Date: 23 DEC 2020 14:13:42

Lowest Band Edge / Full RB



Date: 23 DEC 2020 14:12:30

Highest Band Edge / Full RB

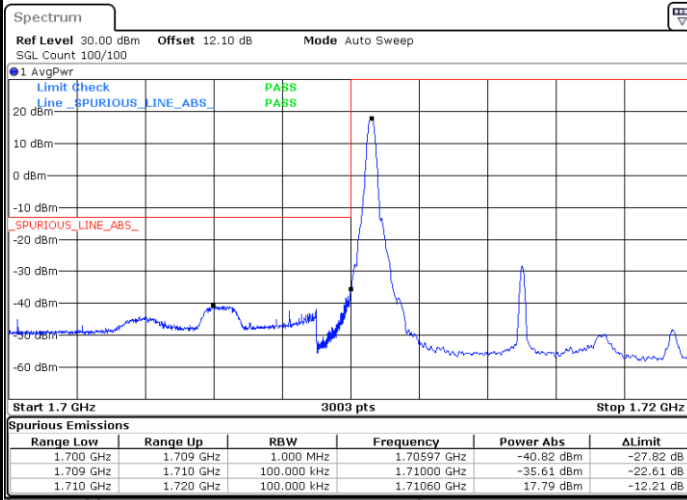


Date: 23 DEC 2020 14:14:25



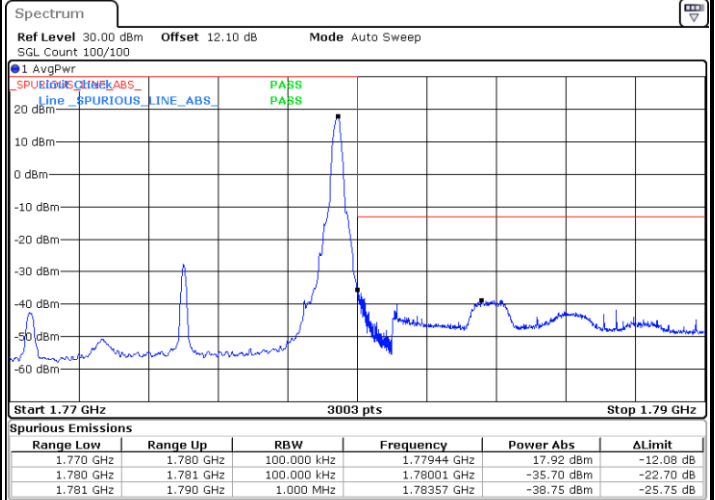
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



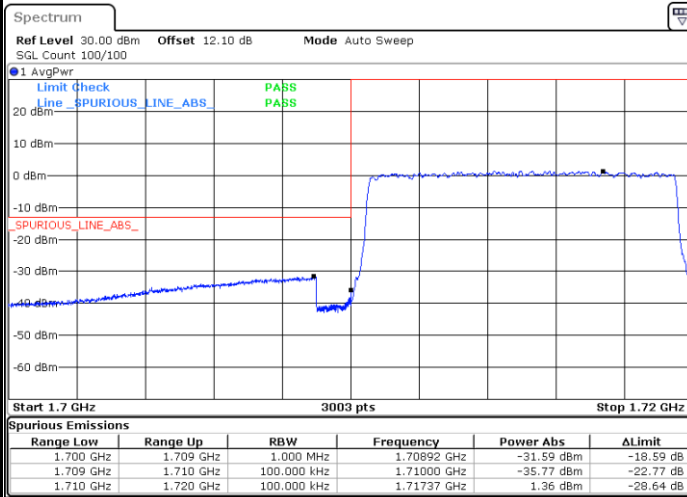
Date: 23 DEC 2020 15:40:31

Highest Band Edge / 1 RB



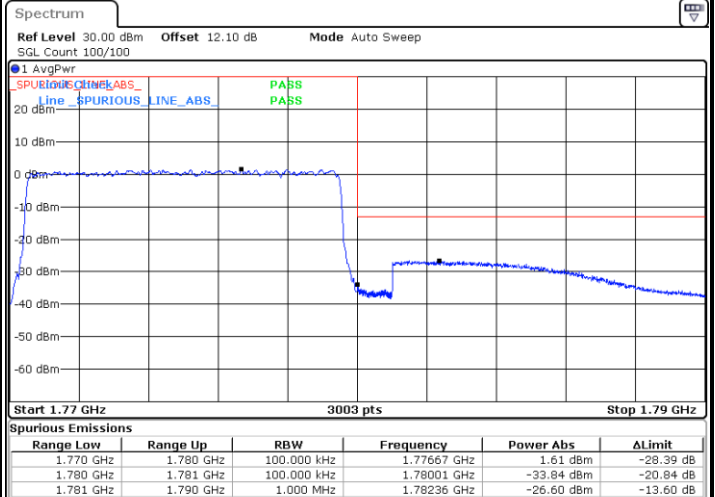
Date: 23 DEC 2020 15:59:07

Lowest Band Edge / Full RB



Date: 23 DEC 2020 15:41:08

Highest Band Edge / Full RB

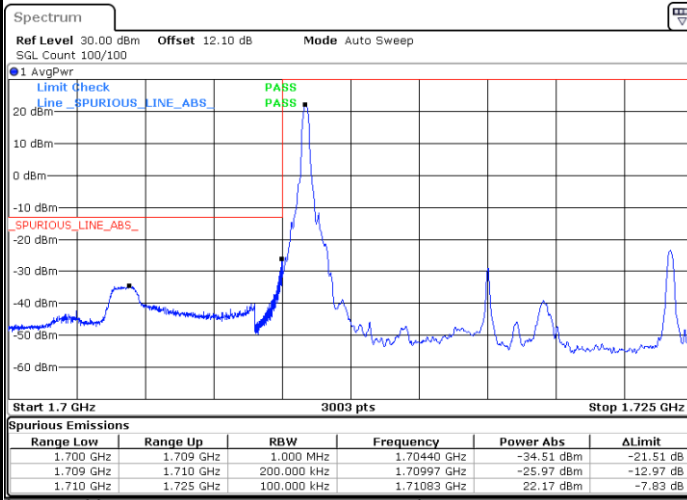


Date: 23 DEC 2020 15:42:35



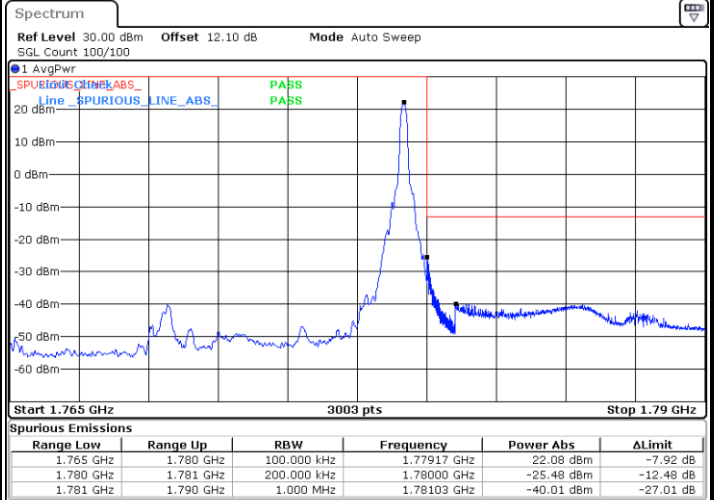
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



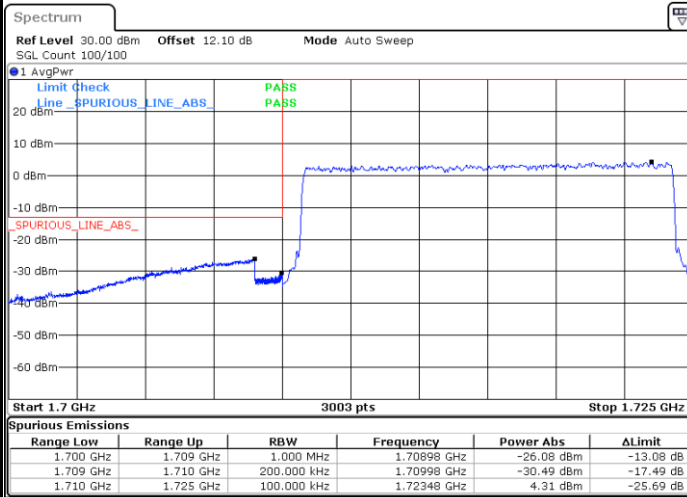
Date: 23 DEC 2020 14:18:30

Highest Band Edge / 1 RB



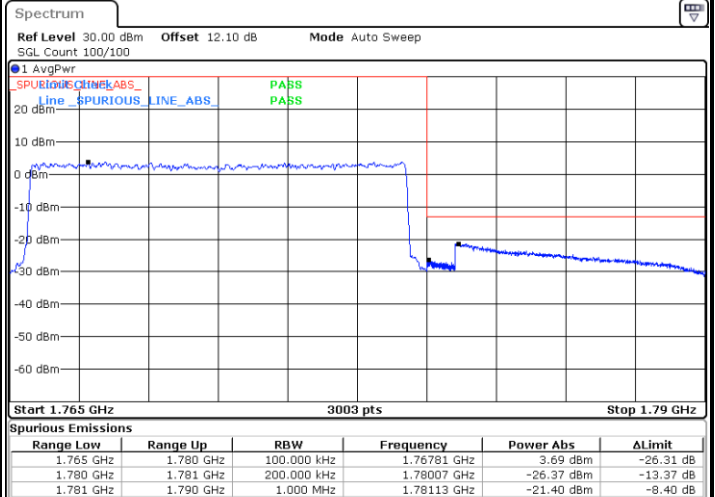
Date: 23 DEC 2020 14:22:20

Lowest Band Edge / Full RB



Date: 23 DEC 2020 14:19:56

Highest Band Edge / Full RB

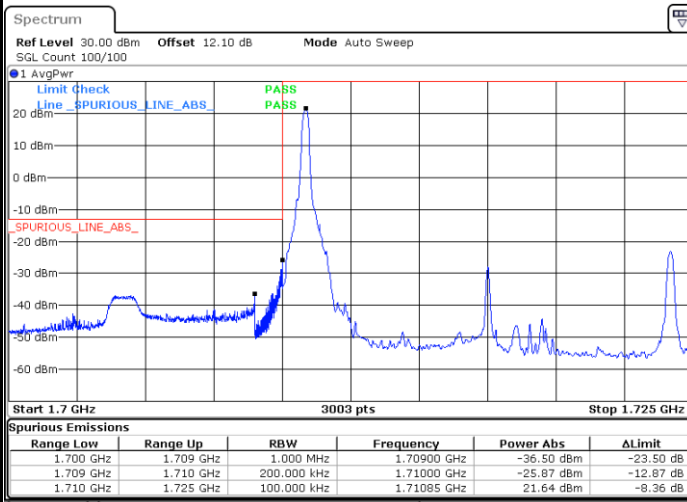


Date: 23 DEC 2020 14:23:47



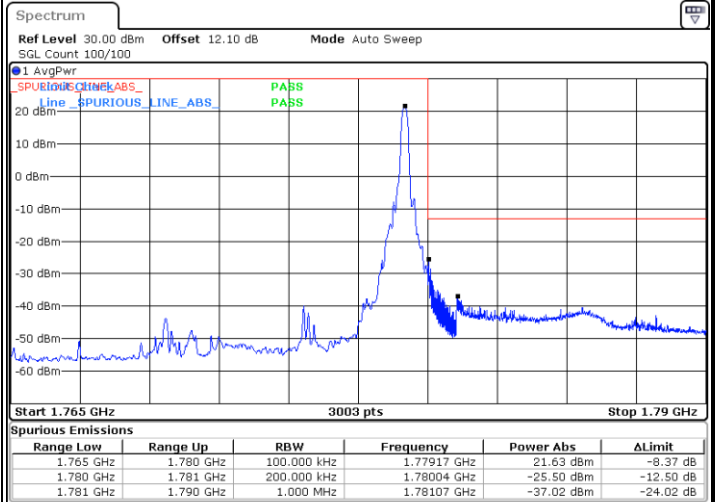
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



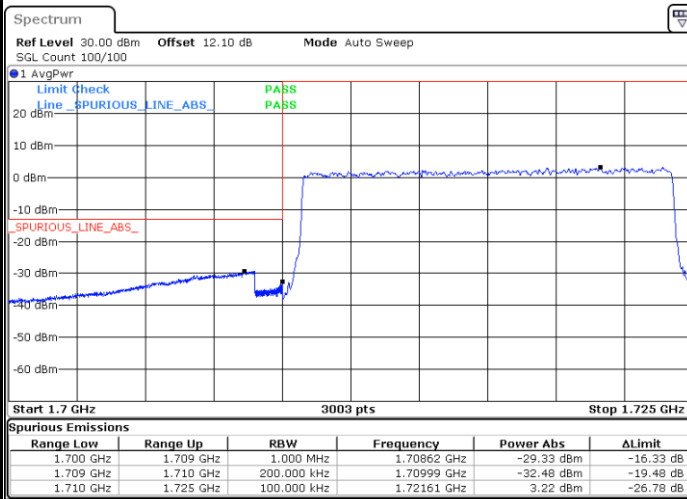
Date: 23 DEC 2020 14:19:13

Highest Band Edge / 1 RB



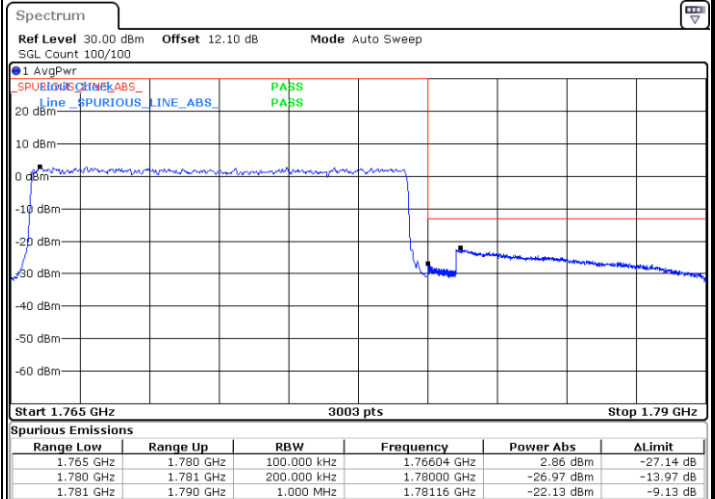
Date: 23 DEC 2020 14:23:04

Lowest Band Edge / Full RB



Date: 23 DEC 2020 14:20:39

Highest Band Edge / Full RB

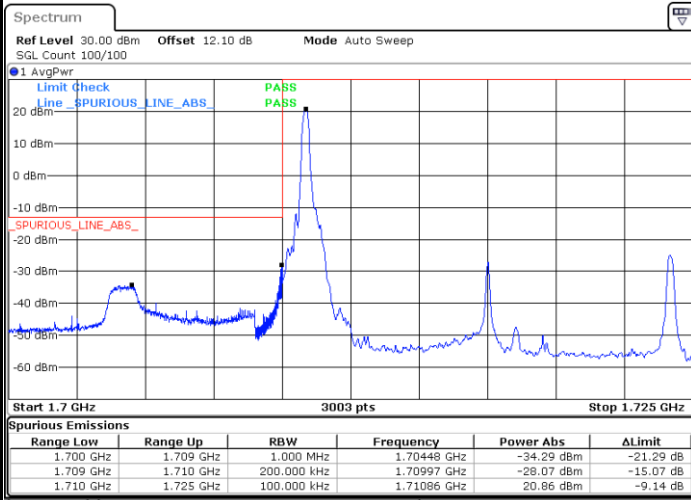


Date: 23 DEC 2020 14:24:30



LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



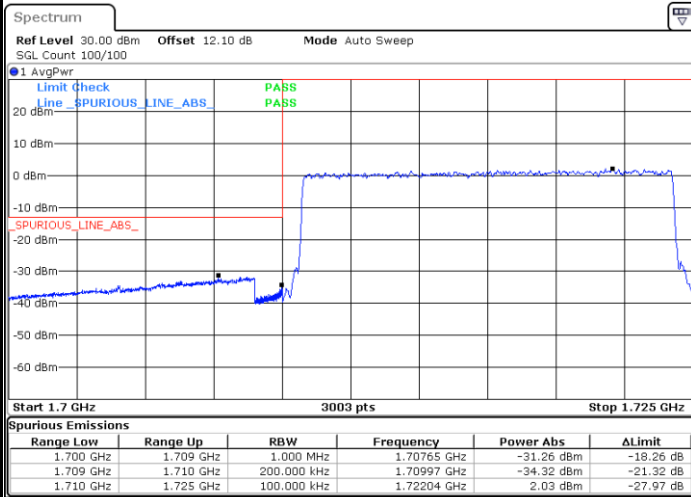
Date: 23 DEC 2020 14:15:08

Highest Band Edge / 1 RB



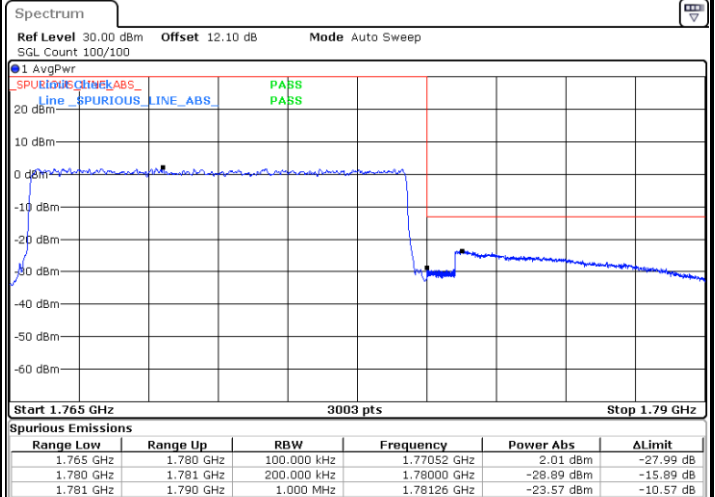
Date: 23 DEC 2020 14:17:03

Lowest Band Edge / Full RB



Date: 23 DEC 2020 14:15:51

Highest Band Edge / Full RB

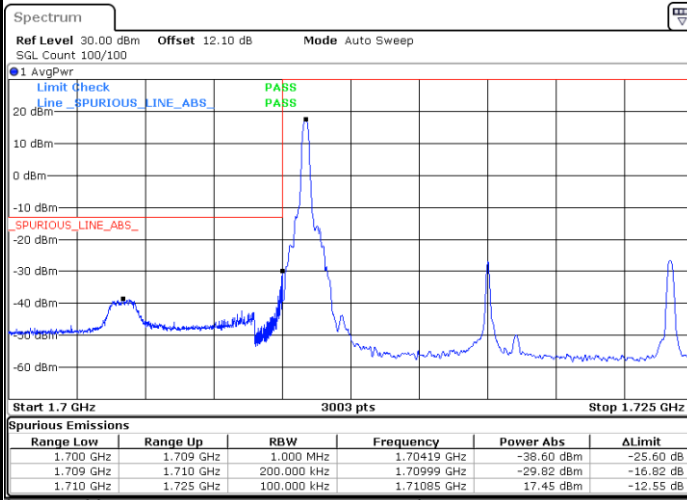


Date: 23 DEC 2020 14:17:46



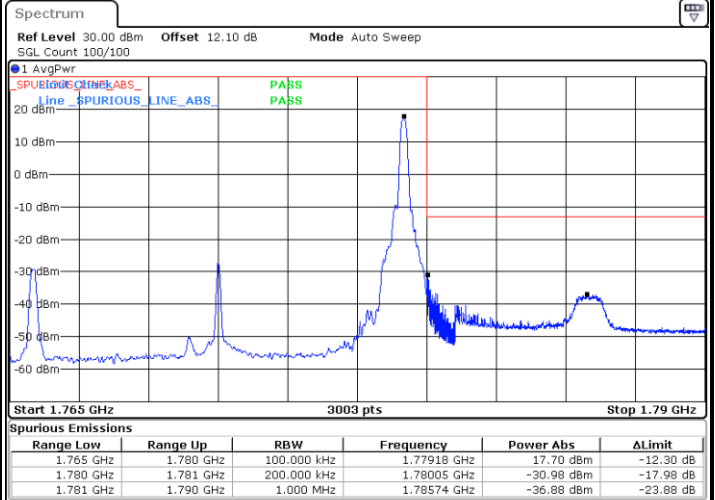
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



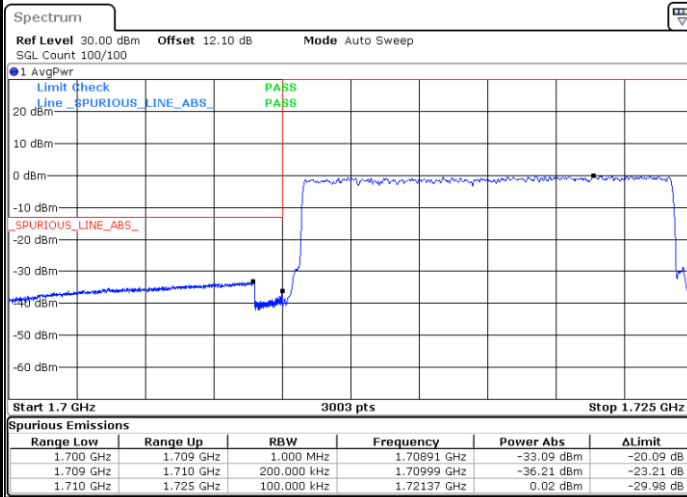
Date: 23 DEC 2020 15:43:11

Highest Band Edge / 1 RB



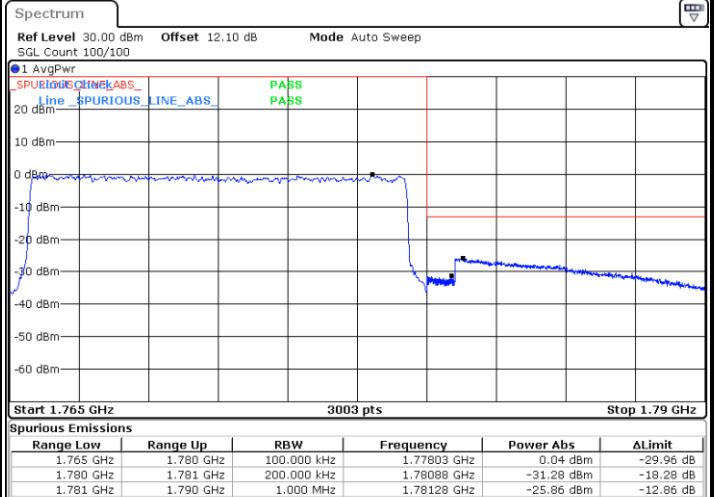
Date: 23 DEC 2020 15:57:16

Lowest Band Edge / Full RB



Date: 23 DEC 2020 15:43:46

Highest Band Edge / Full RB

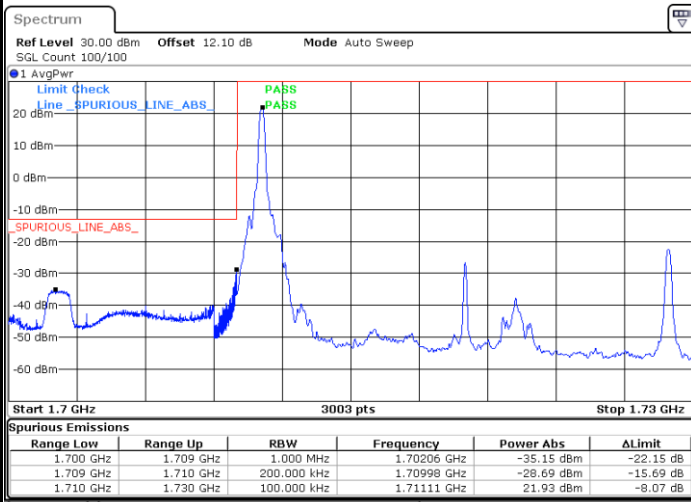


Date: 23 DEC 2020 15:44:58



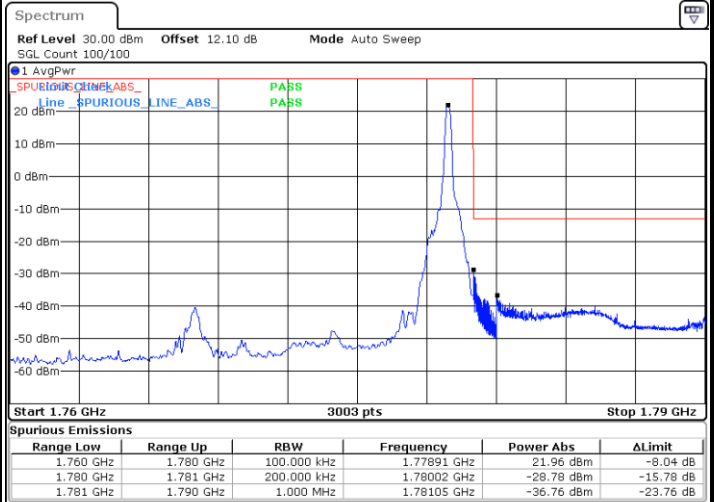
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



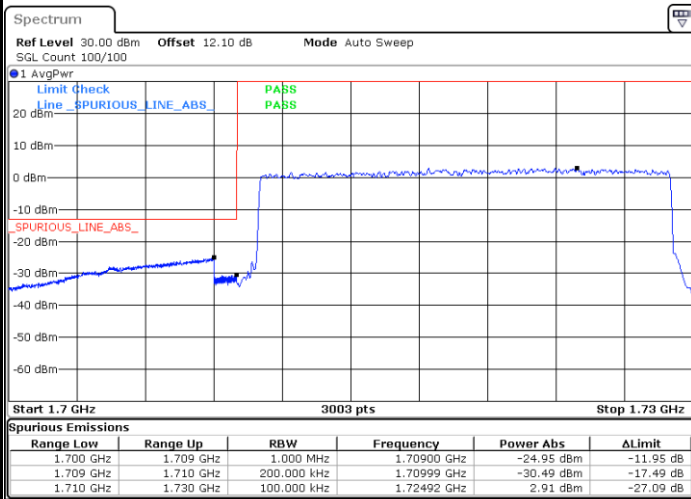
Date: 23 DEC 2020 14:25:28

Highest Band Edge / 1 RB



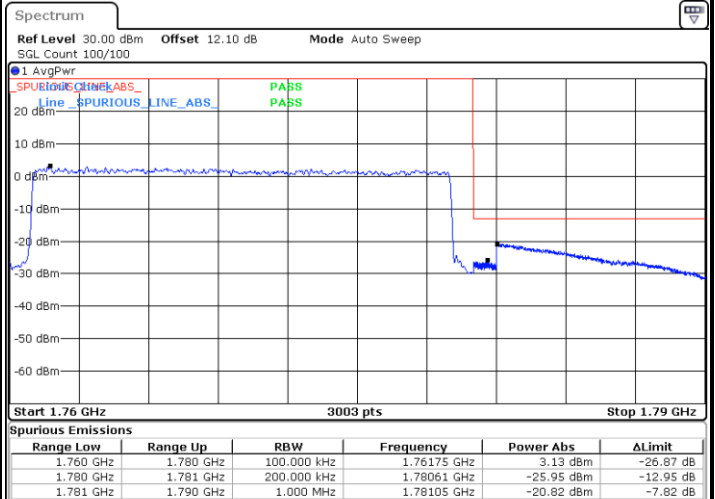
Date: 23 DEC 2020 14:29:19

Lowest Band Edge / Full RB



Date: 23 DEC 2020 14:26:55

Highest Band Edge / Full RB

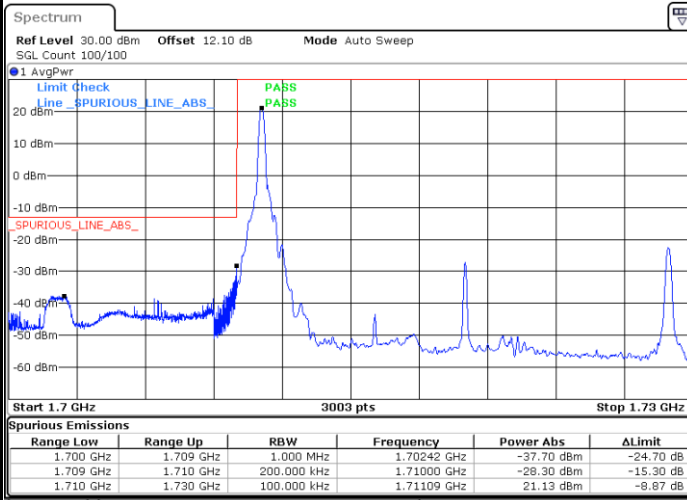


Date: 23 DEC 2020 14:30:46



LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



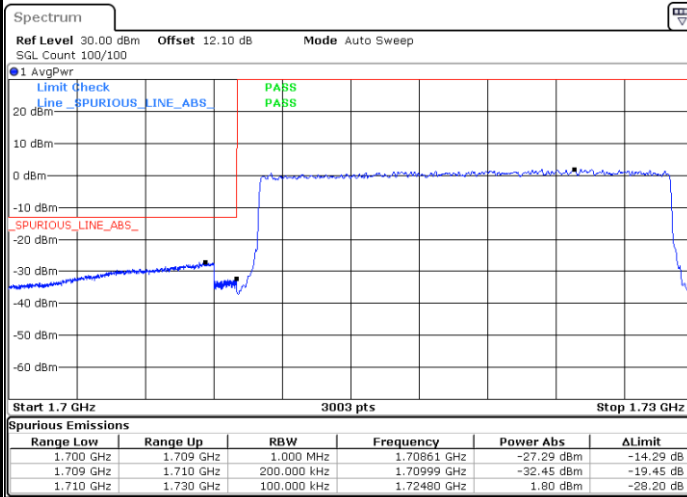
Date: 23 DEC 2020 14:26:11

Highest Band Edge / 1 RB



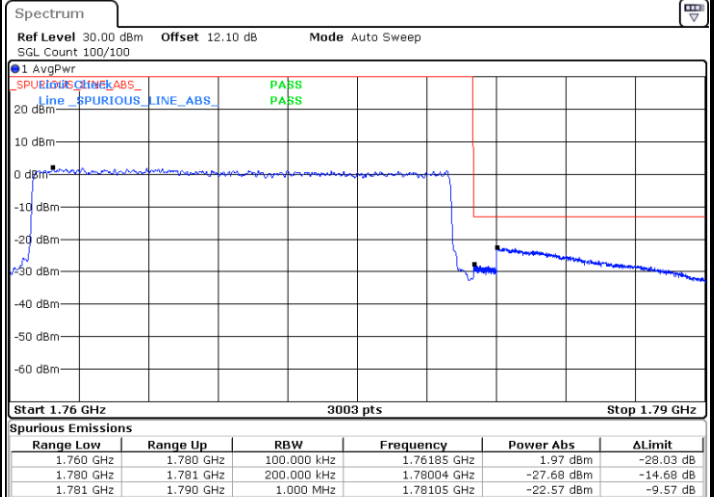
Date: 23 DEC 2020 14:30:03

Lowest Band Edge / Full RB



Date: 23 DEC 2020 14:27:38

Highest Band Edge / Full RB

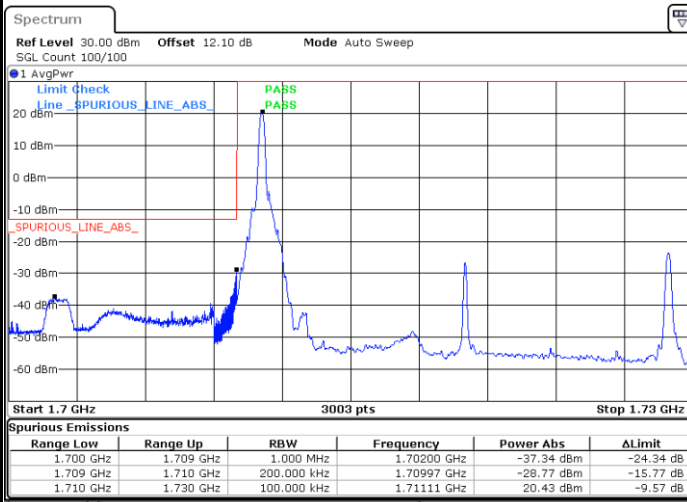


Date: 23 DEC 2020 14:31:29



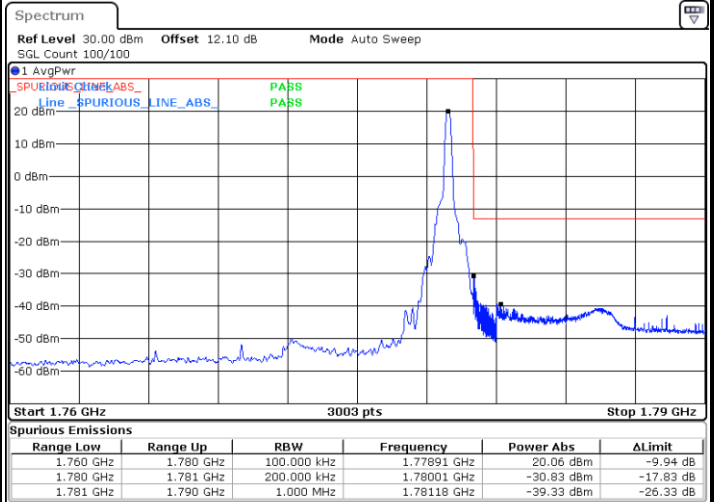
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



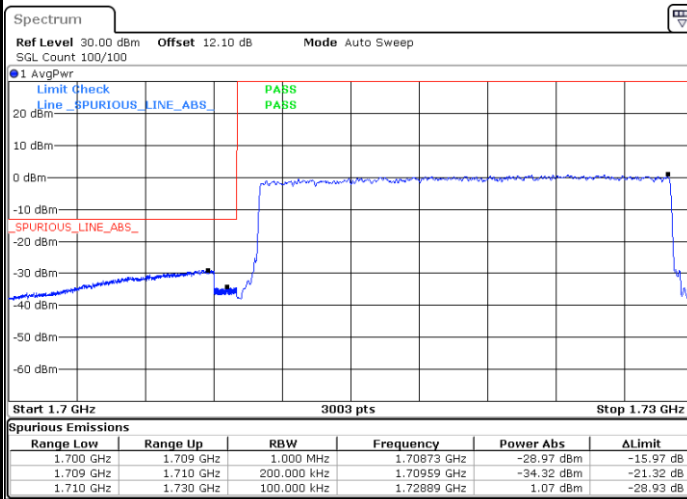
Date: 23 DEC 2020 14:32:12

Highest Band Edge / 1 RB



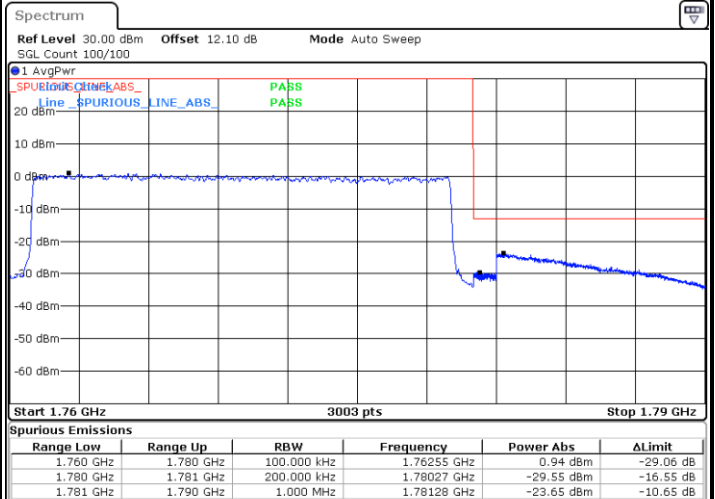
Date: 23 DEC 2020 14:34:08

Lowest Band Edge / Full RB



Date: 23 DEC 2020 14:32:56

Highest Band Edge / Full RB

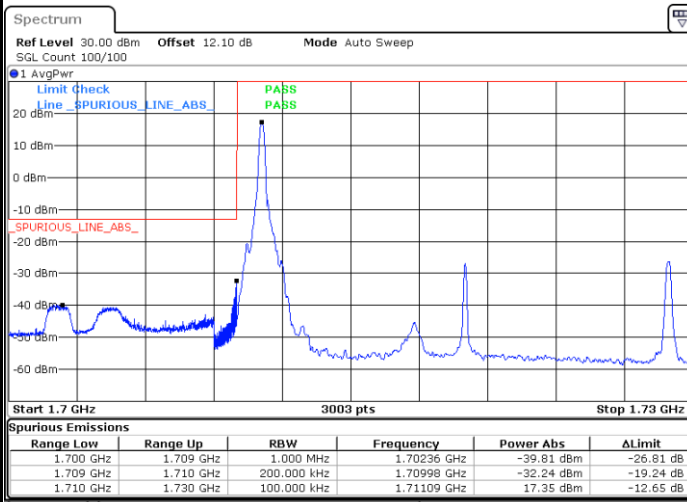


Date: 23 DEC 2020 14:34:51



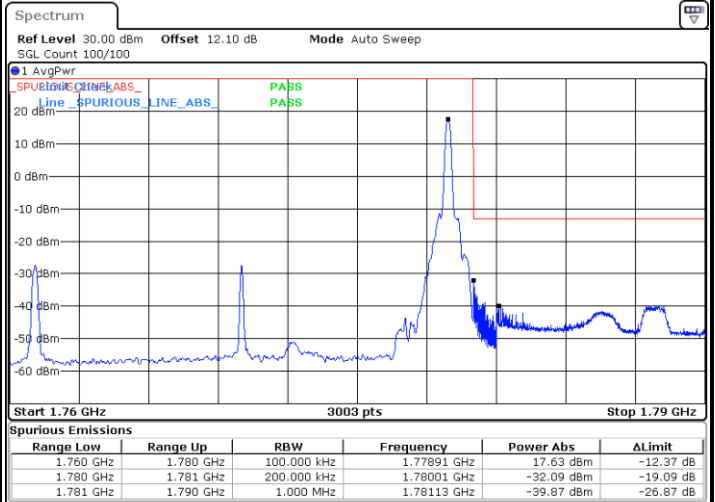
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



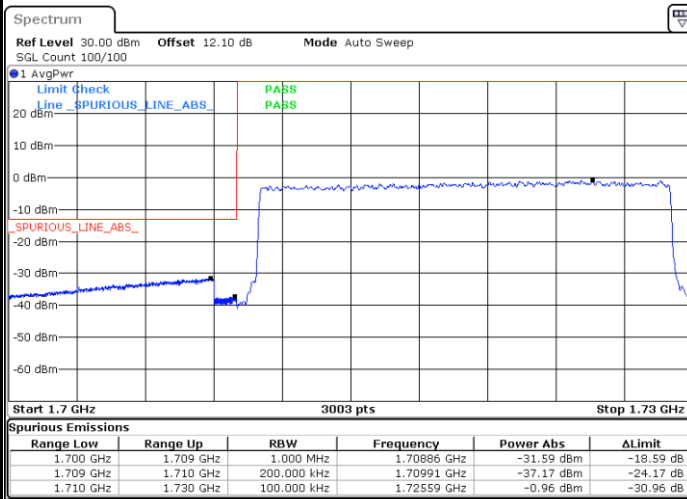
Date: 23 DEC 2020 14:59:13

Highest Band Edge / 1 RB



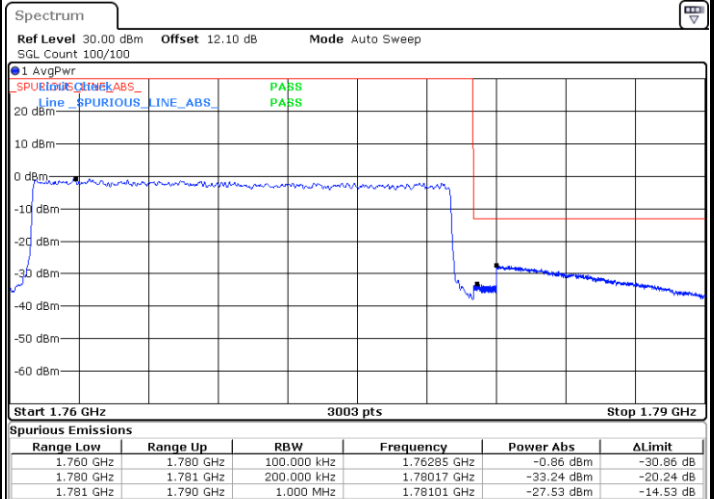
Date: 23 DEC 2020 15:09:51

Lowest Band Edge / Full RB



Date: 23 DEC 2020 15:00:19

Highest Band Edge / Full RB



Date: 23 DEC 2020 15:10:48



Conducted Spurious Emission

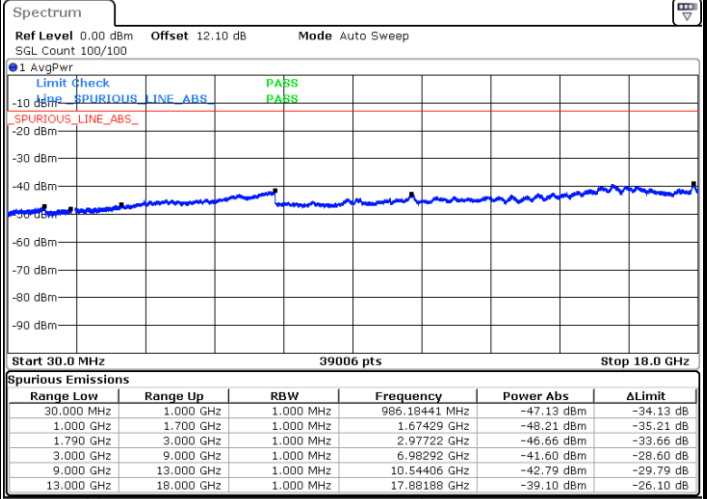
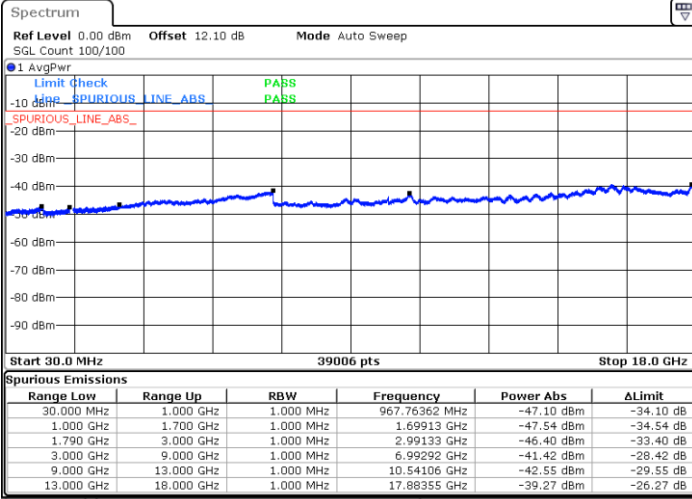




LTE Band 66 / 3MHz

Lowest Channel / QPSK

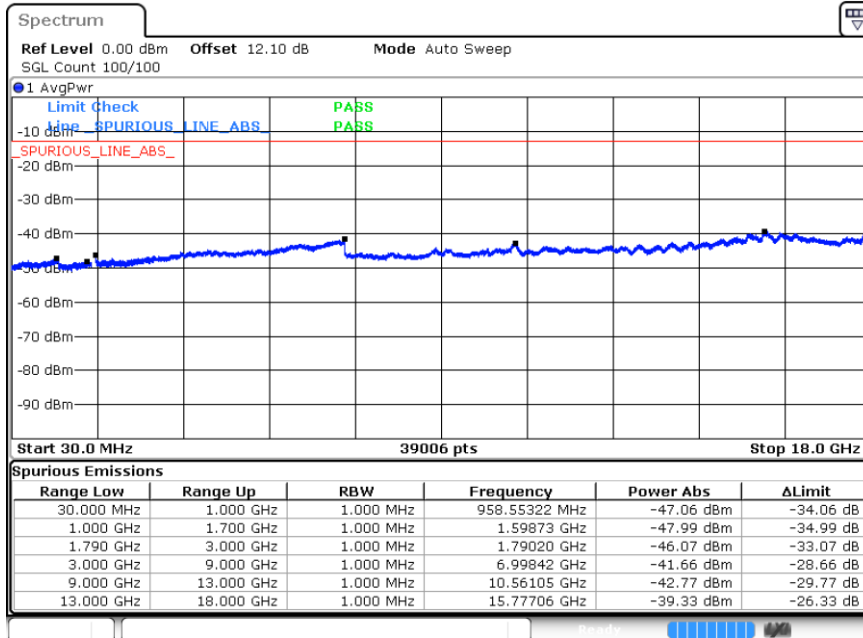
Middle Channel / QPSK



Date: 23 DEC 2020 14:42:14

Date: 23 DEC 2020 14:43:18

Highest Channel / QPSK

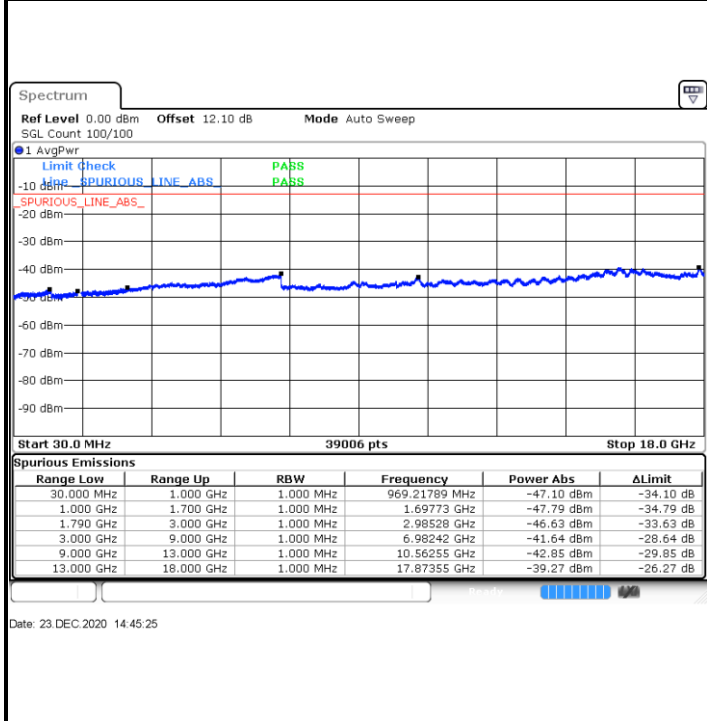


Date: 23 DEC 2020 14:44:21

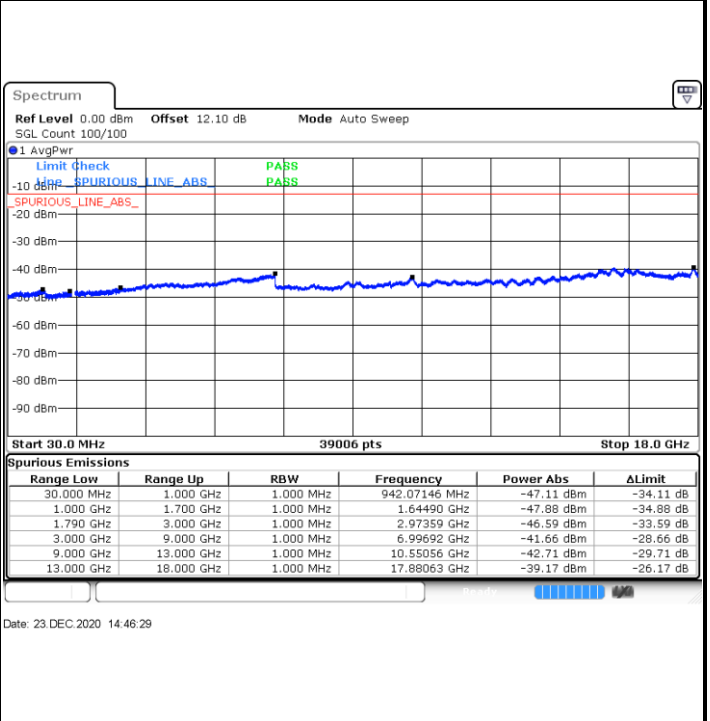


LTE Band 66 / 5MHz

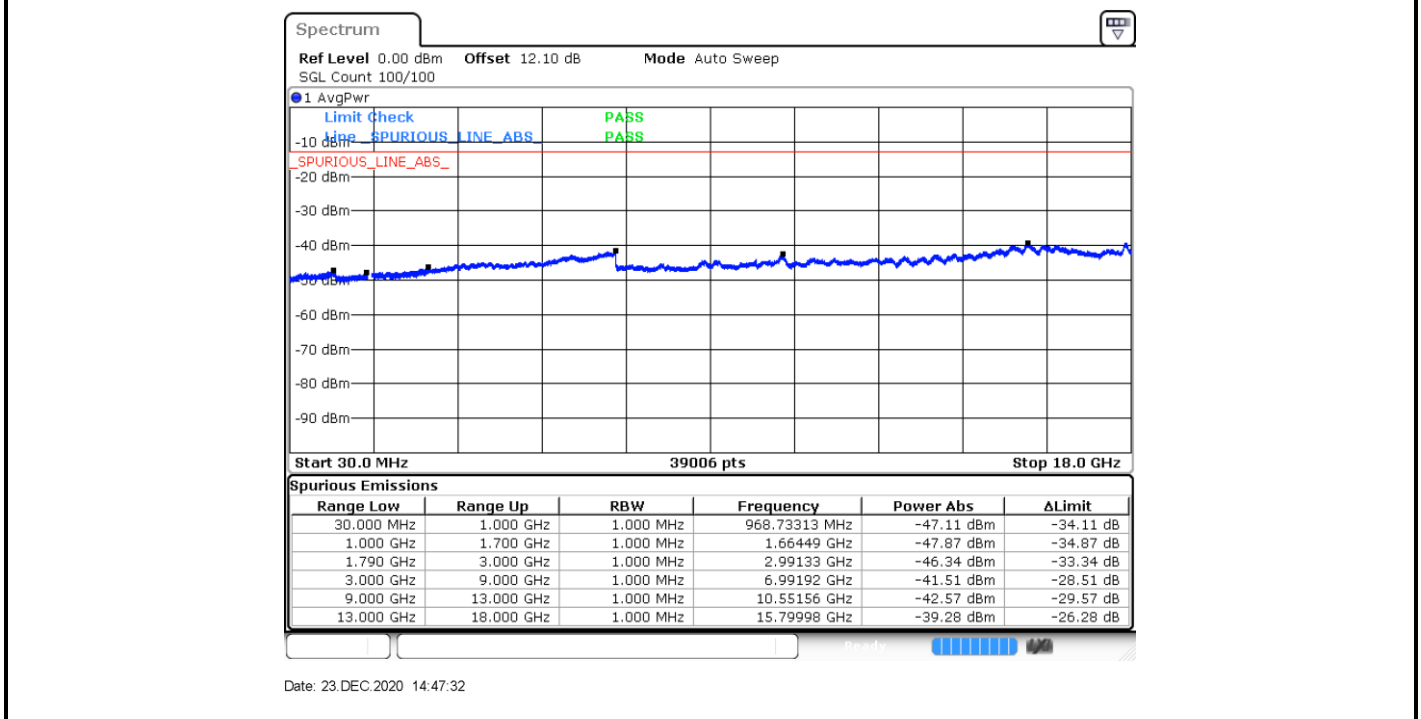
Lowest Channel / QPSK



Middle Channel / QPSK



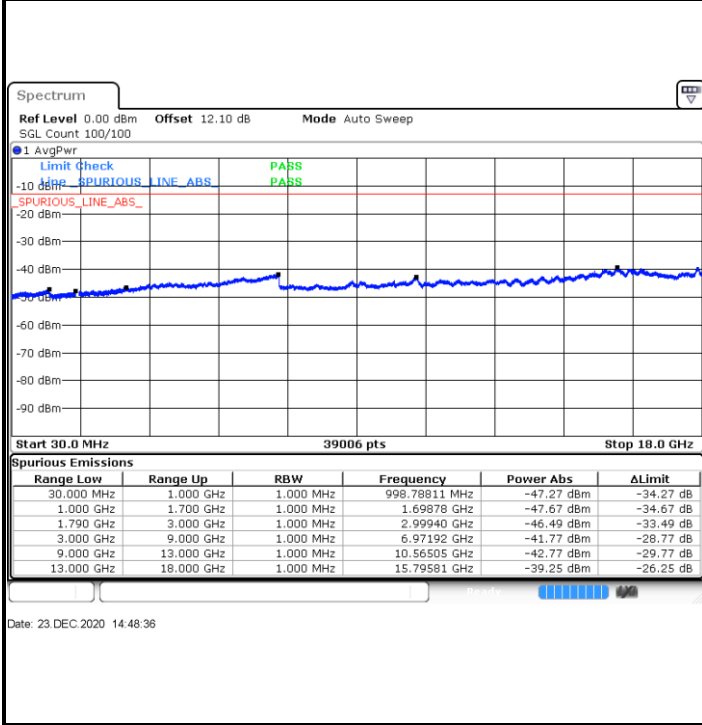
Highest Channel / QPSK



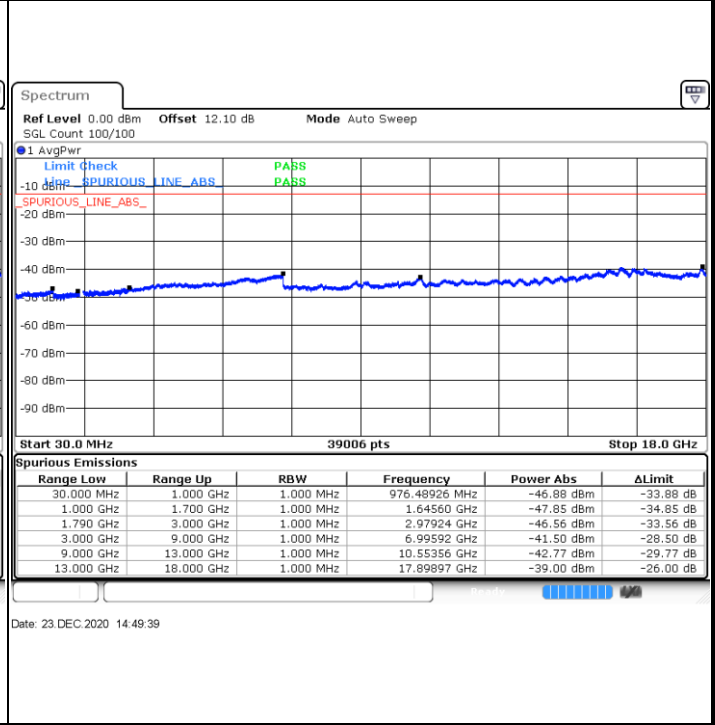


LTE Band 66 / 10MHz

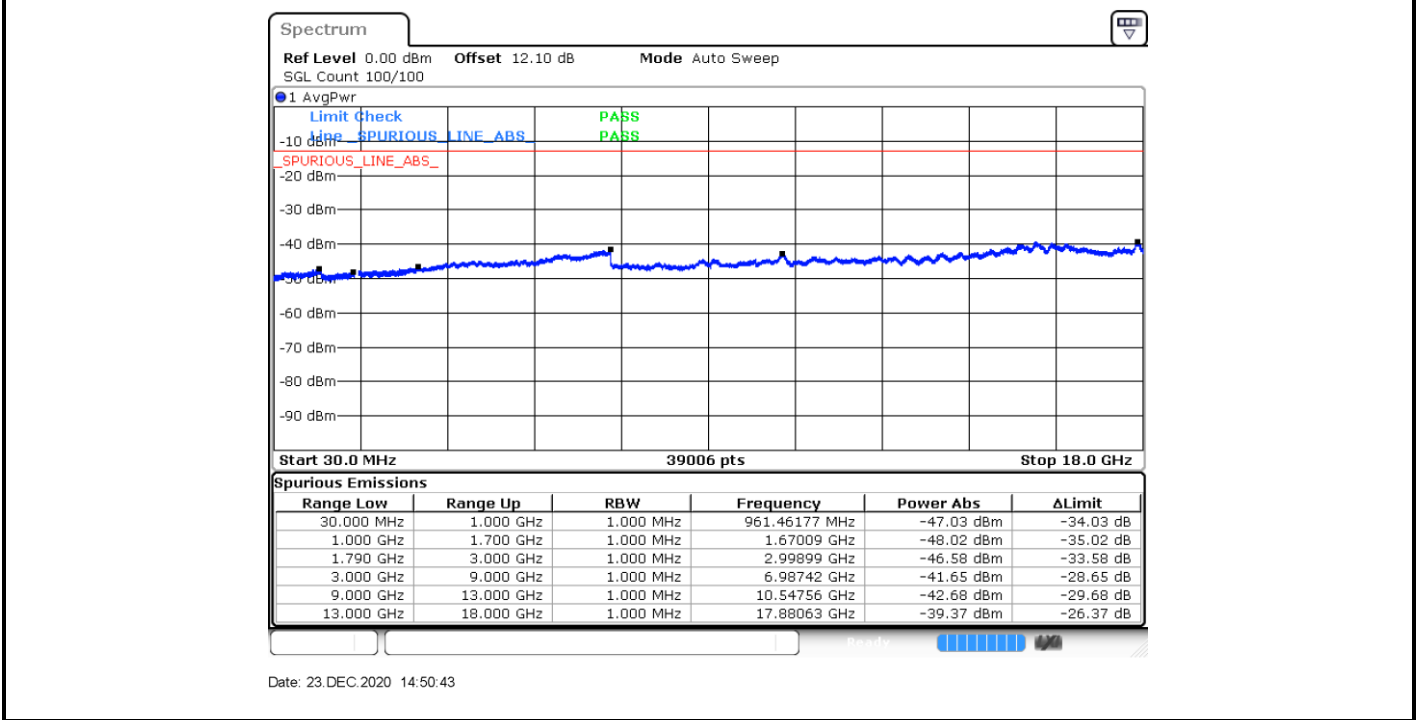
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

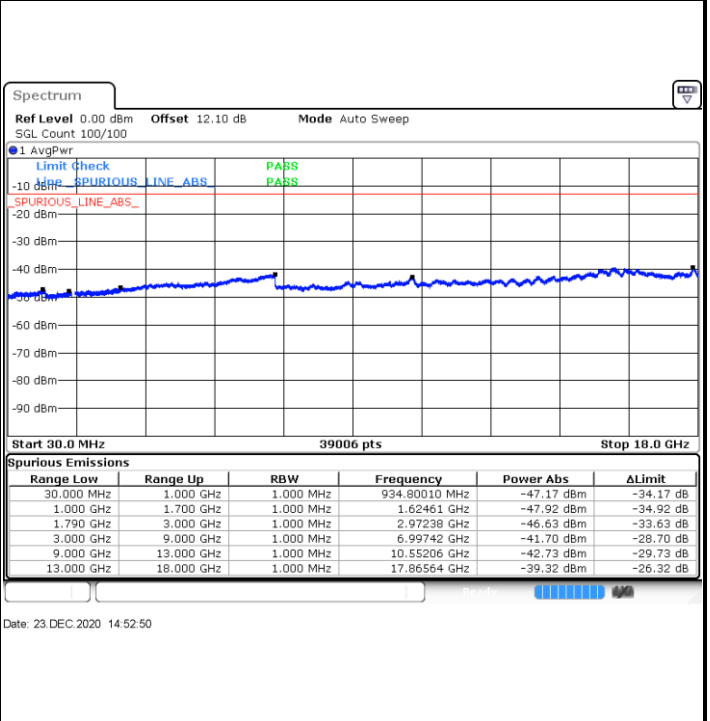
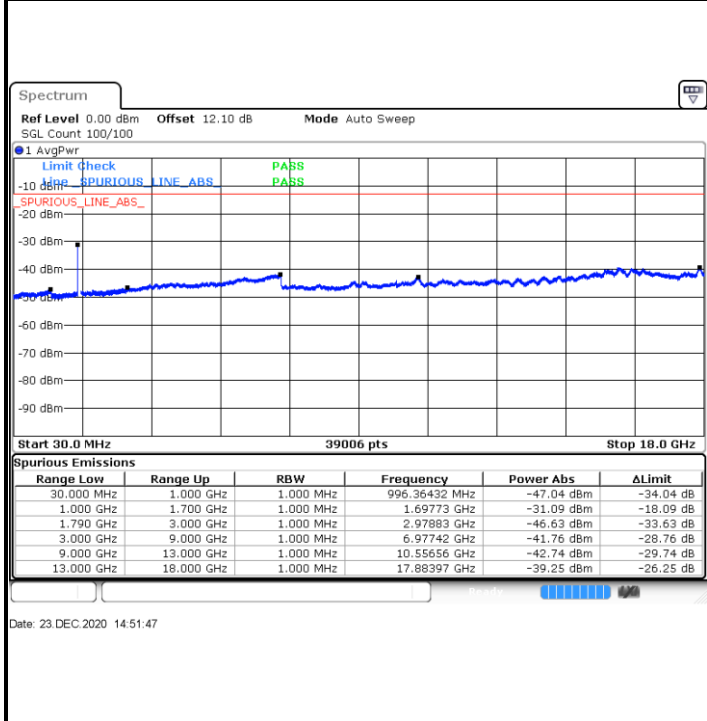




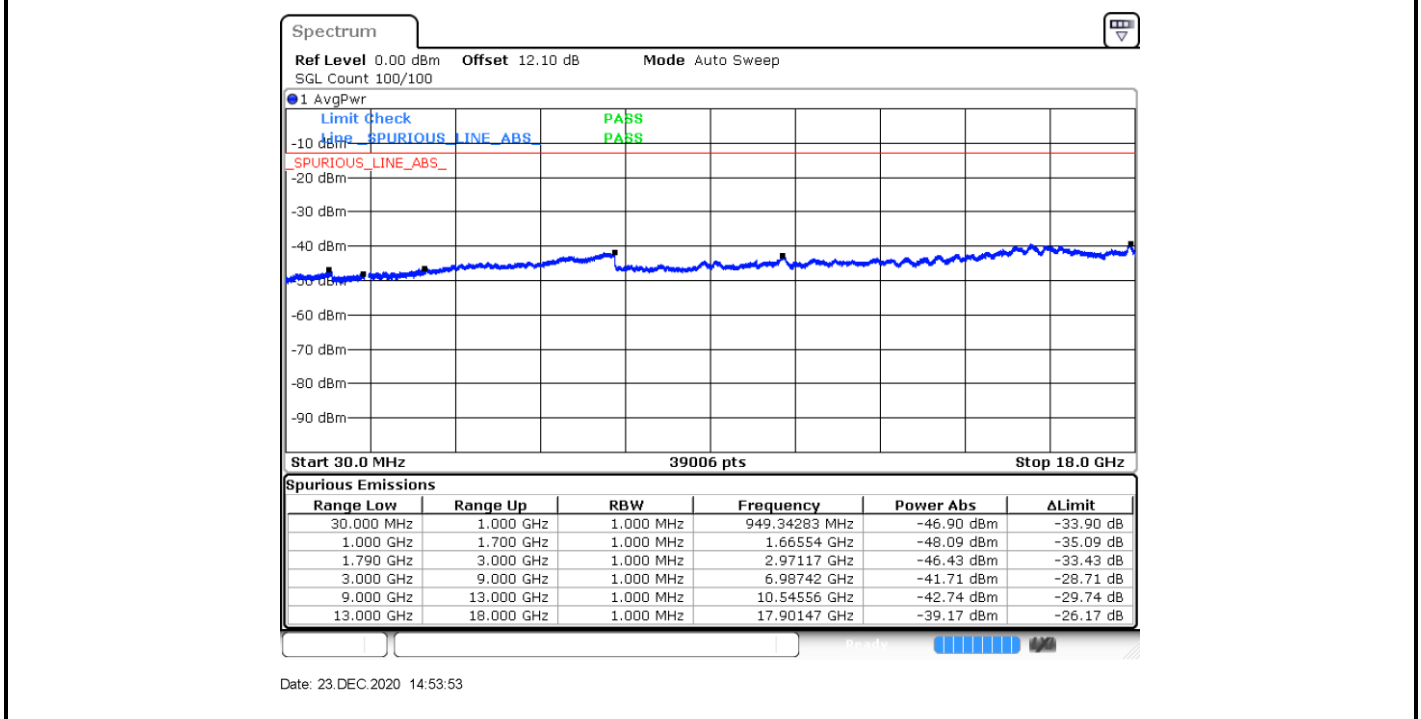
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



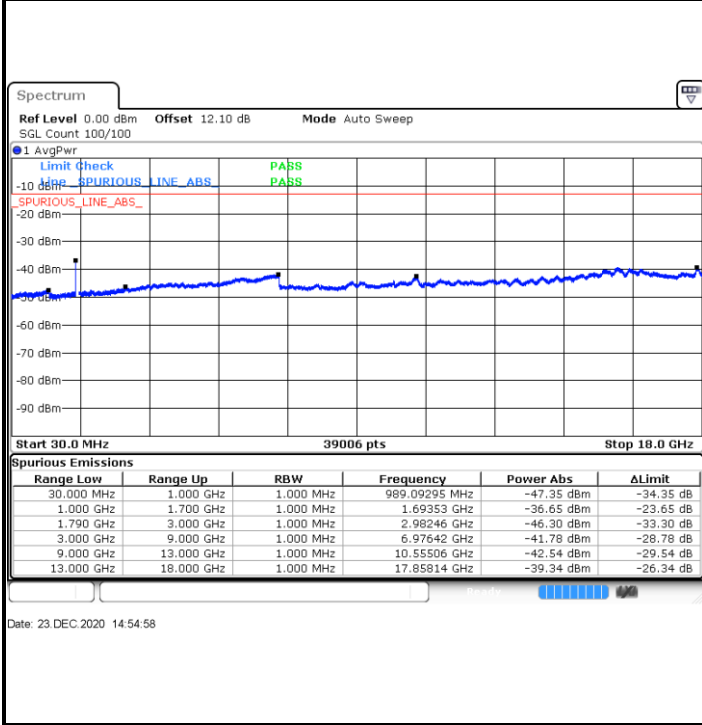
Highest Channel / QPSK



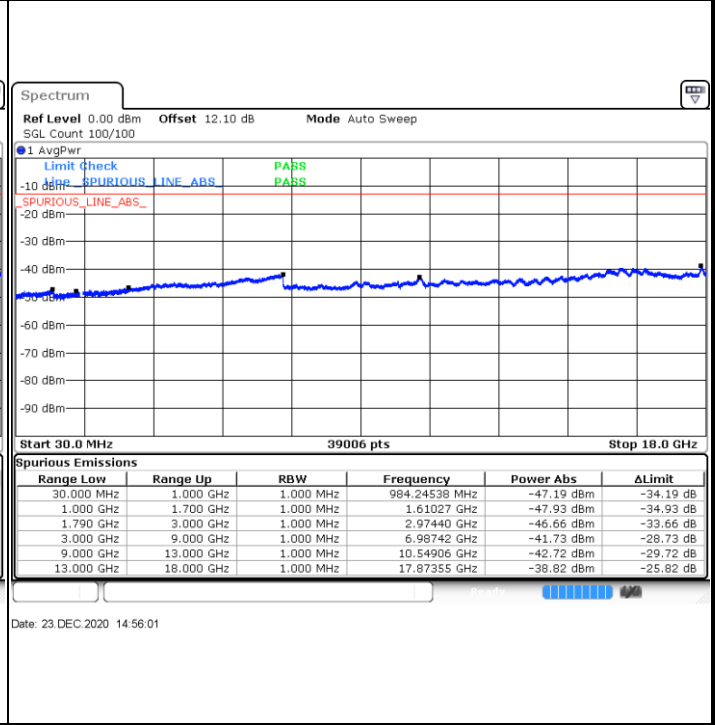


LTE Band 66 / 20MHz

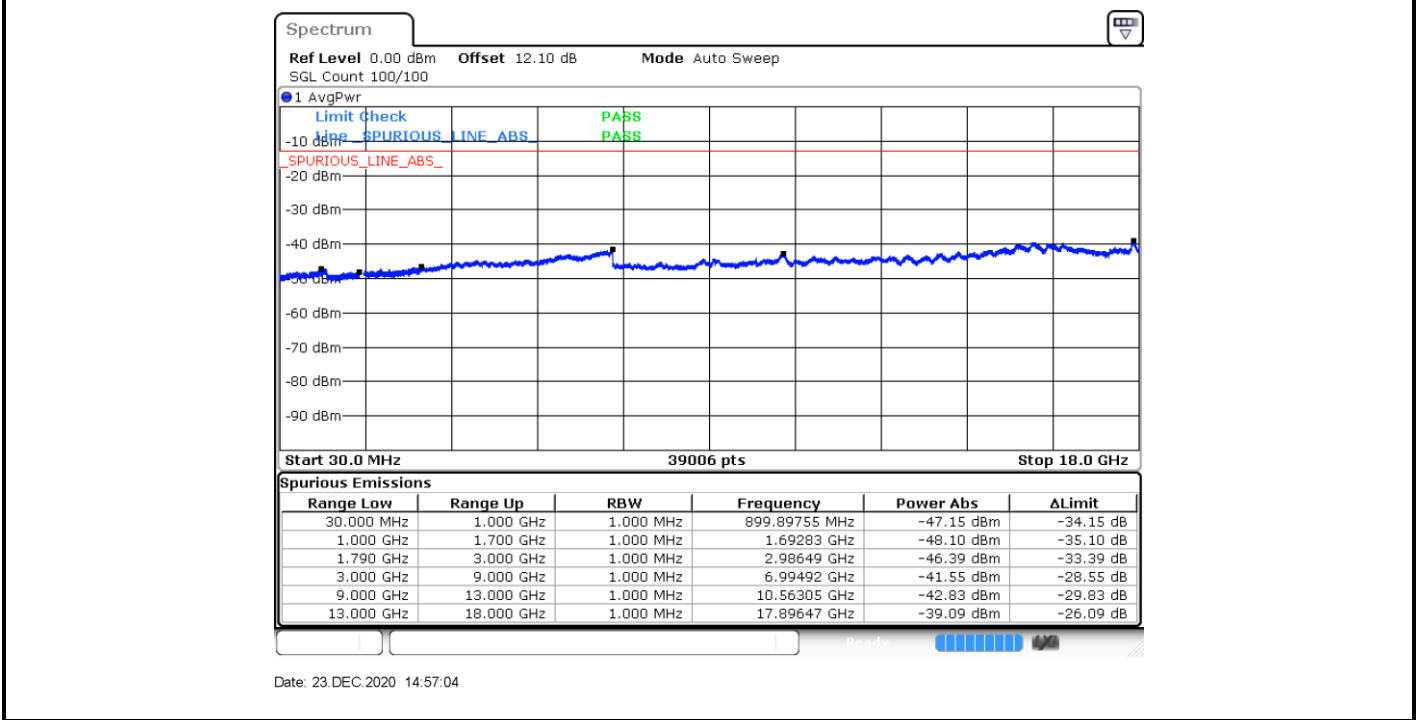
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0080	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0057	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0088	
-30	Normal Voltage	0.0087	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.85 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 66B

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.91	14.54	18.82
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.63	19.58	19.02

Mode	LTE Band 66B : 26dB BW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.91	14.57	18.86
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.63	19.54	19.06

Mode	LTE Band 66B : 26dB BW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.93	14.57	18.90
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.69	19.78	18.90

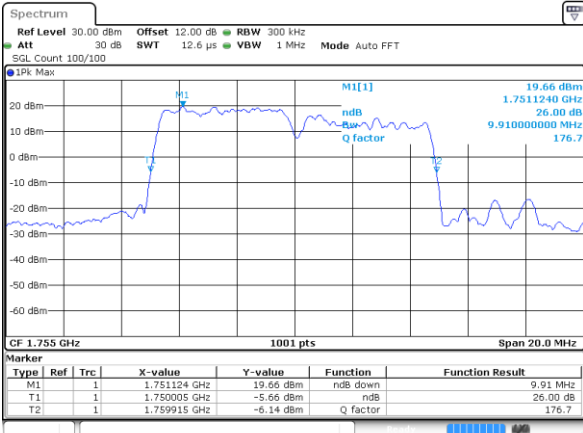
Mode	LTE Band 66B : 26dB BW(MHz)		
256QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.01	14.51	18.86
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.69	19.50	19.02



LTE Band 66B

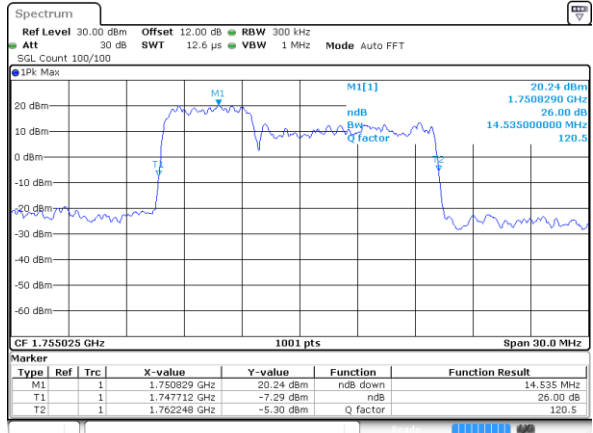
QPSK

Middle Channel / 5MHz+5MHz



Date: 4 JAN 2021 19:15:40

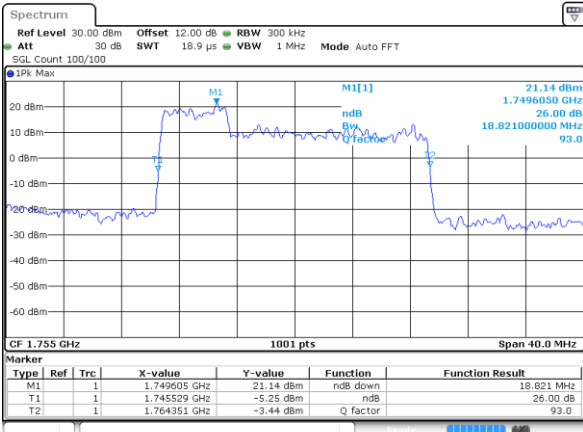
Middle Channel / 5MHz+10MHz



Date: 4 JAN 2021 19:33:54

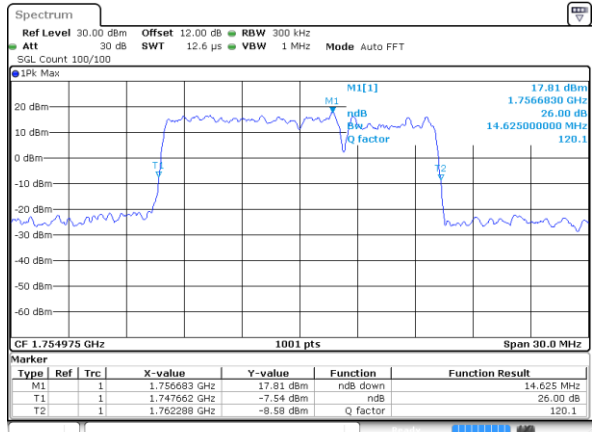
QPSK

Middle Channel / 5MHz+15MHz



Date: 4 JAN 2021 20:22:17

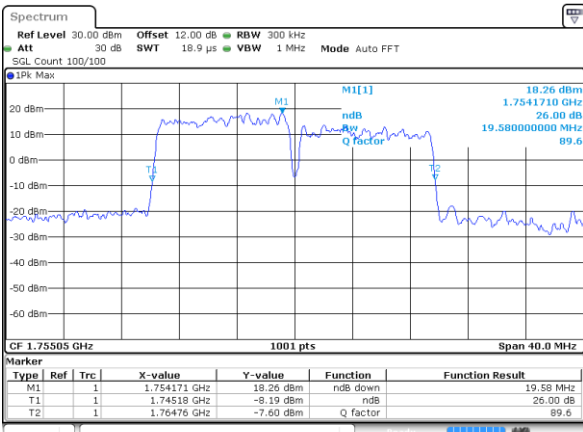
Middle Channel / 10MHz+5MHz



Date: 4 JAN 2021 19:50:02

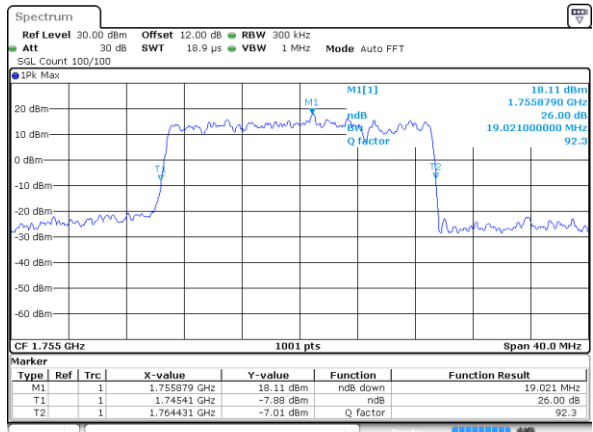
QPSK

Middle Channel / 10MHz+10MHz



Date: 4 JAN 2021 21:44:13

Middle Channel / 15MHz+5MHz

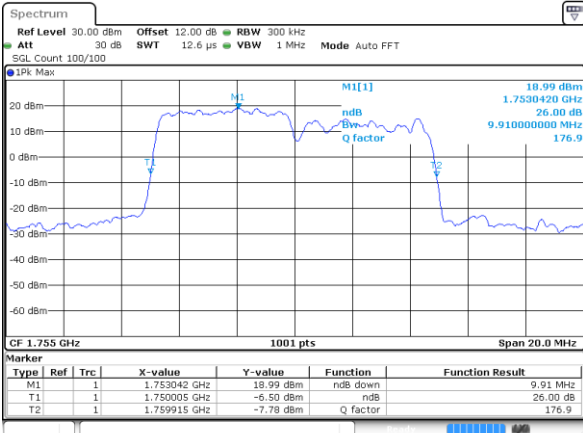


Date: 4 JAN 2021 20:38:24



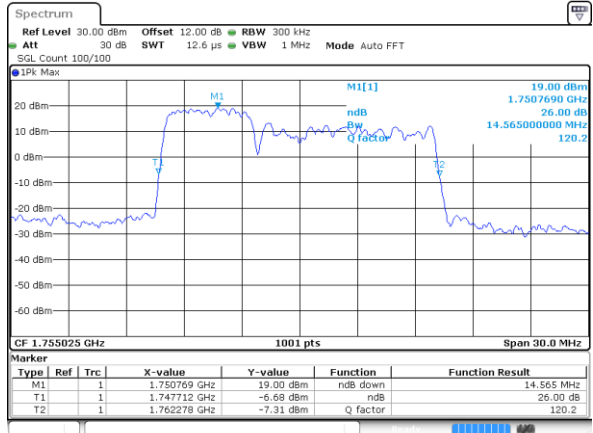
LTE Band 66B
16QAM

Middle Channel / 5MHz+5MHz



Date: 4 JAN 2021 19:14:25

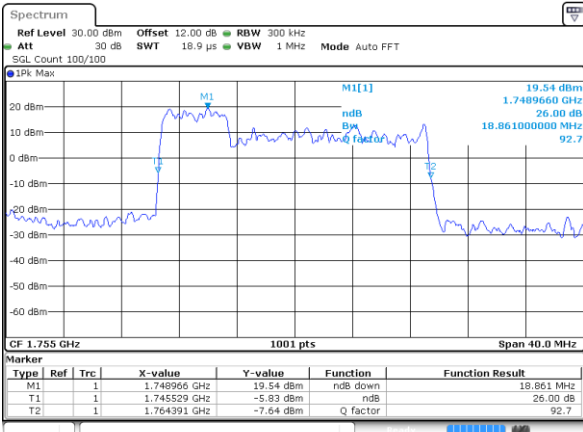
Middle Channel / 5MHz+10MHz



Date: 4 JAN 2021 19:33:21

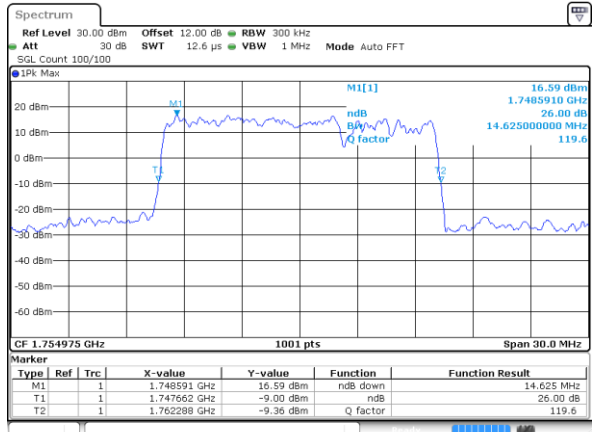
16QAM

Middle Channel / 5MHz+15MHz



Date: 4 JAN 2021 20:21:44

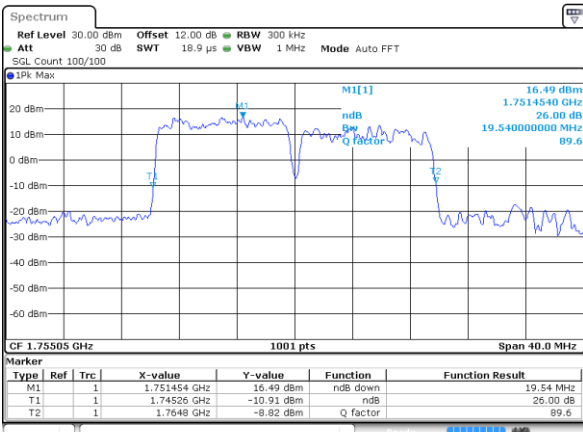
Middle Channel / 10MHz+5MHz



Date: 4 JAN 2021 19:49:29

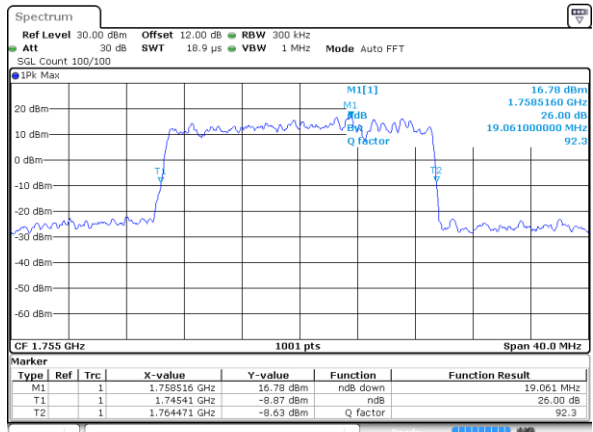
16QAM

Middle Channel / 10MHz+10MHz



Date: 4 JAN 2021 21:43:13

Middle Channel / 15MHz+5MHz

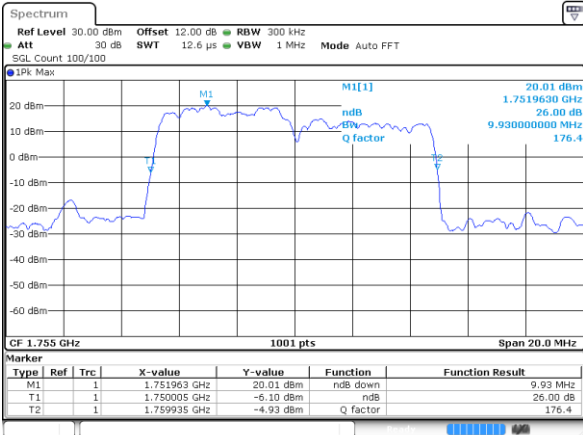


Date: 4 JAN 2021 20:37:52



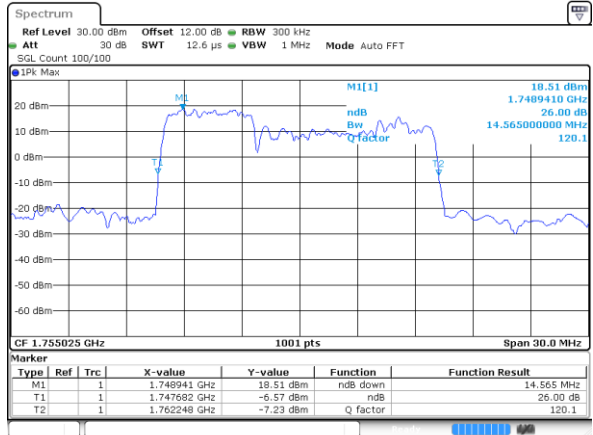
LTE Band 66B
64QAM

Middle Channel / 5MHz+5MHz



Date: 4 JAN 2021 19:13:10

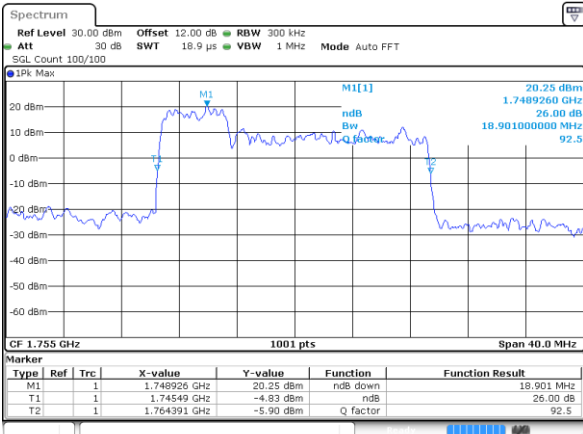
Middle Channel / 5MHz+10MHz



Date: 4 JAN 2021 19:32:49

64QAM

Middle Channel / 5MHz+15MHz



Date: 4 JAN 2021 20:21:12

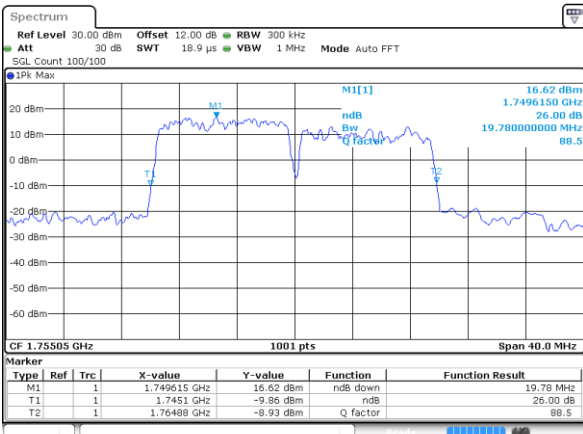
Middle Channel / 10MHz+5MHz



Date: 4 JAN 2021 19:48:56

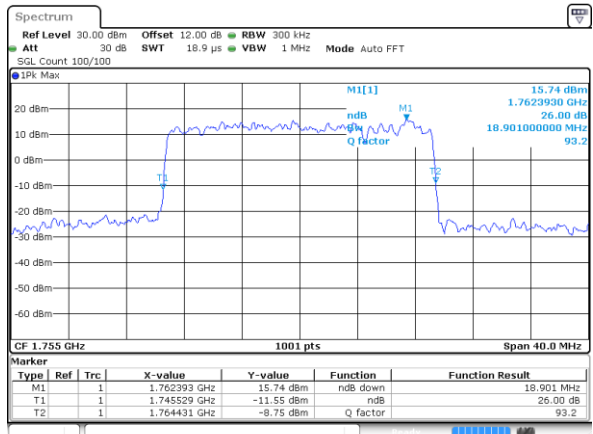
64QAM

Middle Channel / 10MHz+10MHz



Date: 4 JAN 2021 20:05:04

Middle Channel / 15MHz+5MHz



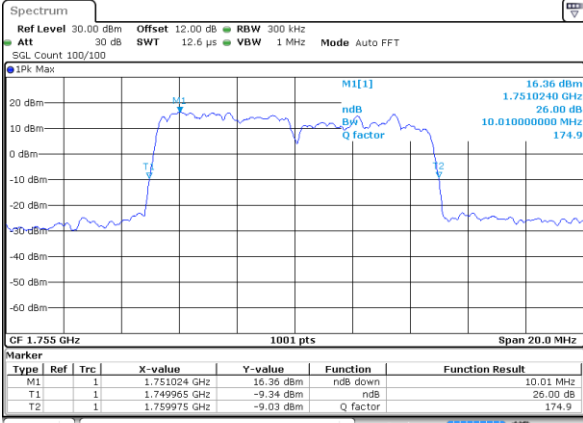
Date: 4 JAN 2021 20:37:19



LTE Band 66B

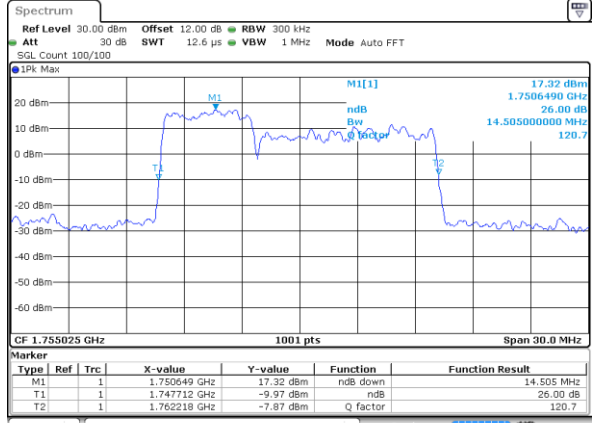
256QAM

Middle Channel / 5MHz+5MHz



Date: 4 JAN 2021 21:06:01

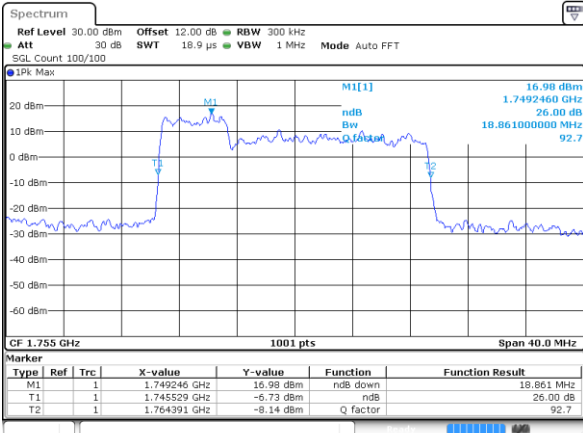
Middle Channel / 5MHz+10MHz



Date: 4 JAN 2021 21:09:23

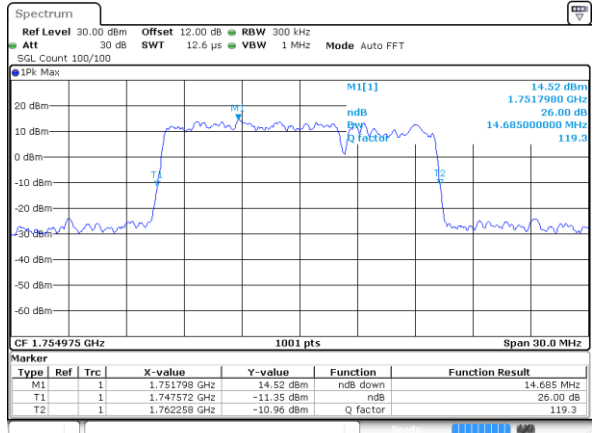
256QAM

Middle Channel / 5MHz+15MHz



Date: 4 JAN 2021 21:17:21

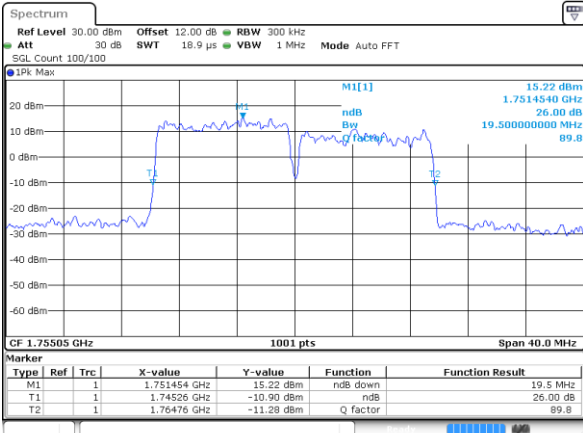
Middle Channel / 10MHz+5MHz



Date: 4 JAN 2021 21:12:02

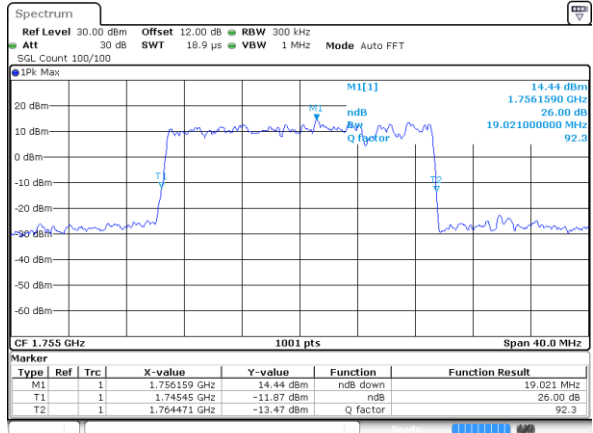
256QAM

Middle Channel / 10MHz+10MHz



Date: 4 JAN 2021 21:14:41

Middle Channel / 15MHz+5MHz



Date: 4 JAN 2021 21:20:00



Occupied Bandwidth

Mode	LTE Band 66B : 99%OBW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.27	13.73	18.02
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.88	18.58	18.14

Mode	LTE Band 66B : 99%OBW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.25	13.73	18.18
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.91	18.74	18.18

Mode	LTE Band 66B : 99%OBW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.25	13.85	18.02
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.82	18.74	18.26

Mode	LTE Band 66B : 99%OBW(MHz)		
256QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.25	13.76	18.14
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.82	18.78	18.14