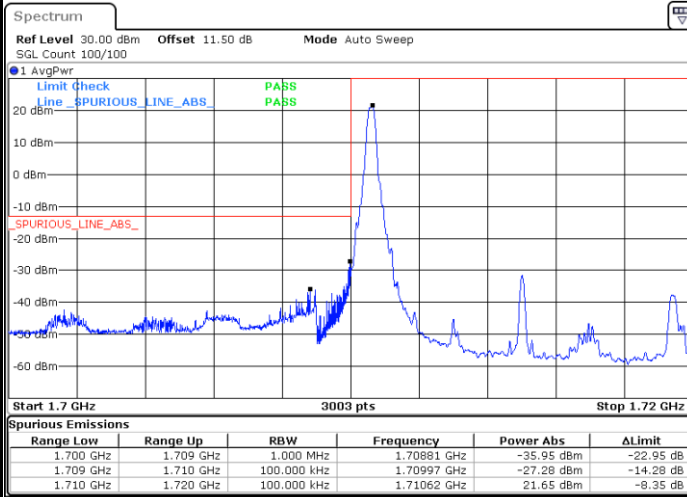




LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



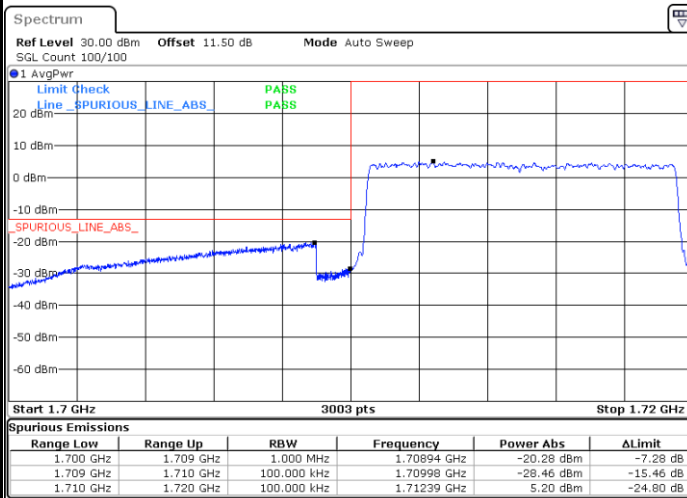
Date: 31.AUG.2022 15:03:18

Highest Band Edge / 1 RB



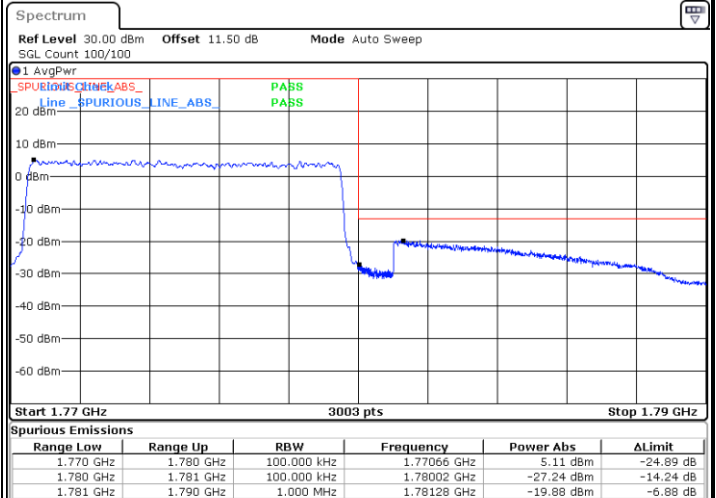
Date: 31.AUG.2022 15:10:53

Lowest Band Edge / Full RB



Date: 31.AUG.2022 15:05:04

Highest Band Edge / Full RB

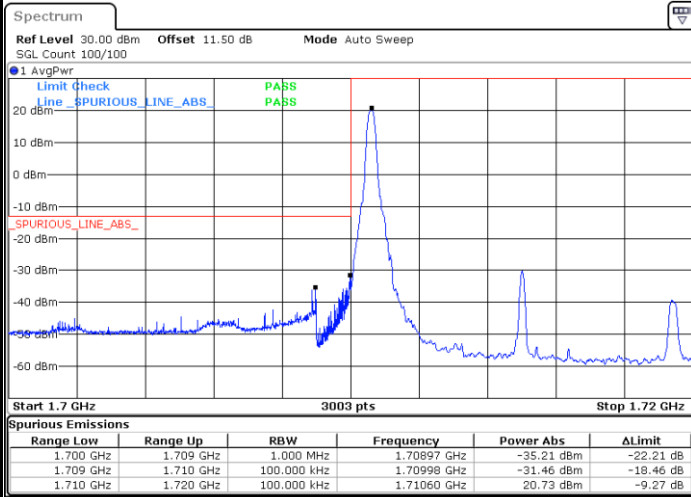


Date: 31.AUG.2022 15:12:40



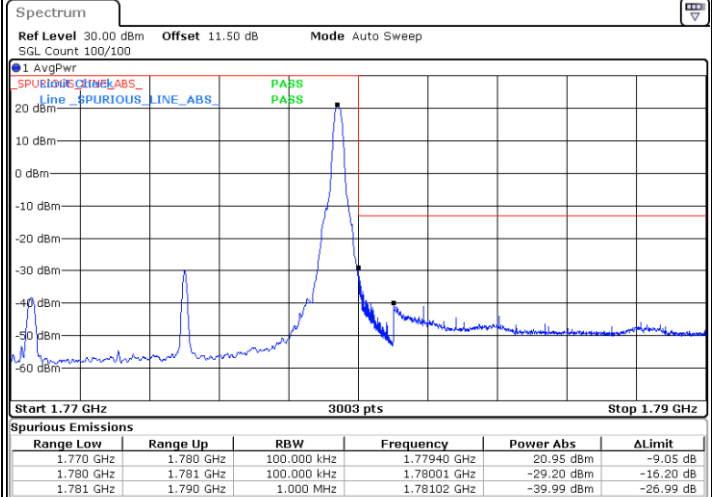
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



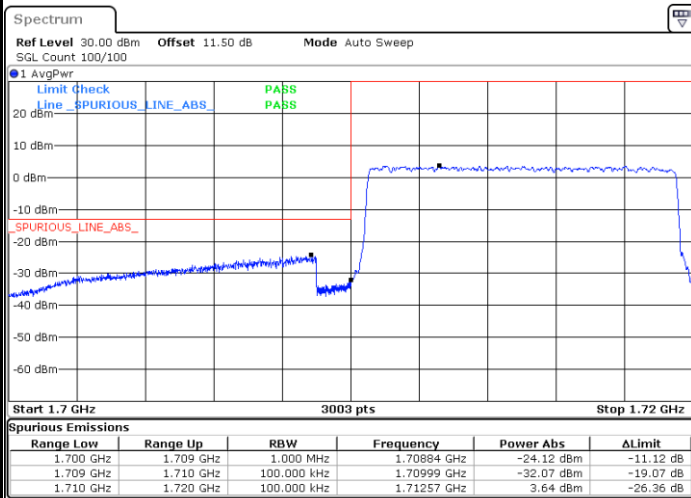
Date: 31.AUG.2022 15:14:47

Highest Band Edge / 1 RB



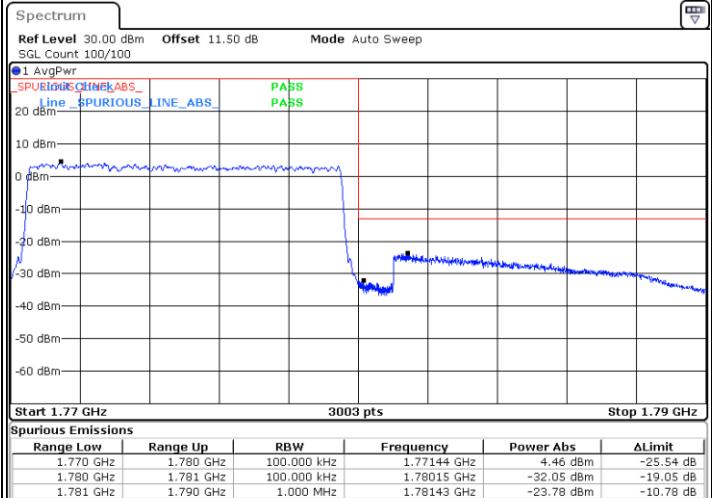
Date: 31.AUG.2022 15:17:21

Lowest Band Edge / Full RB



Date: 31.AUG.2022 15:15:40

Highest Band Edge / Full RB

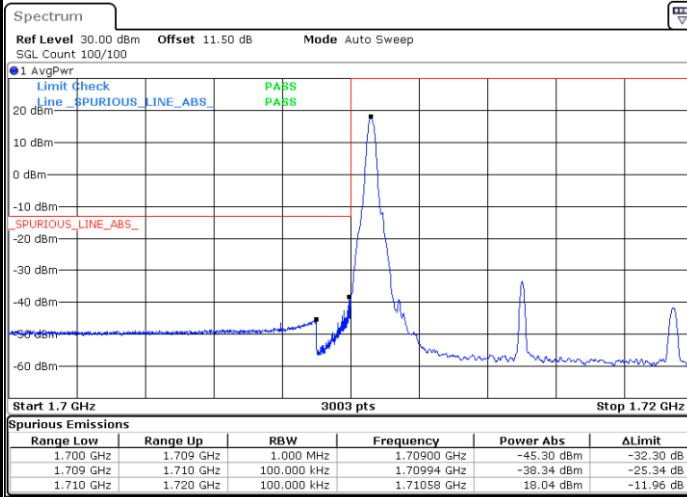


Date: 31.AUG.2022 15:18:14



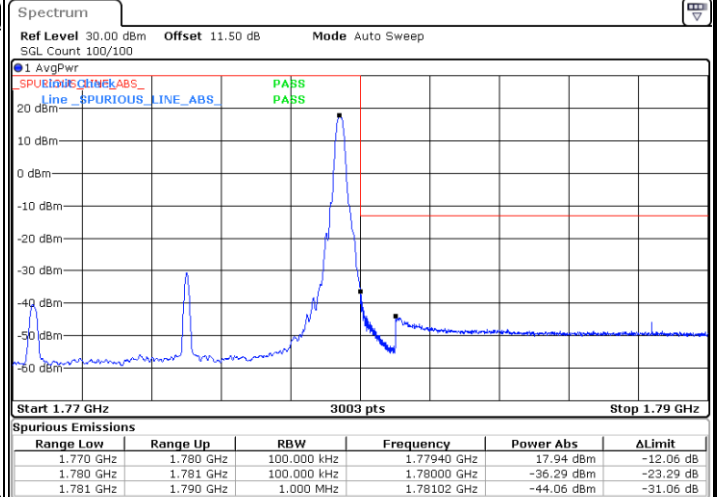
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



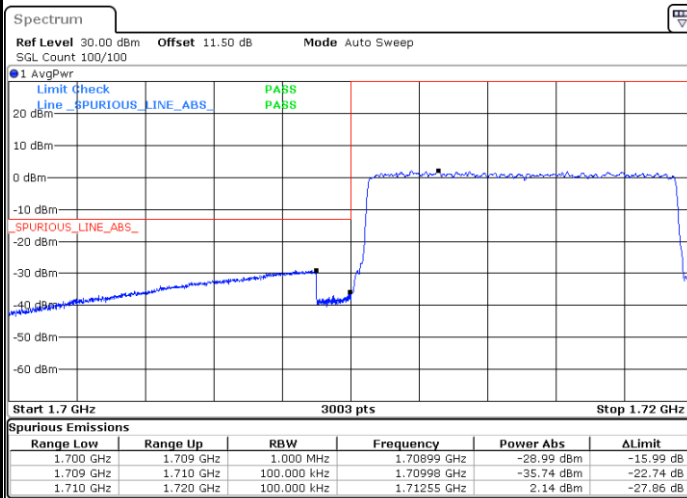
Date: 31.AUG.2022 16:54:47

Highest Band Edge / 1 RB



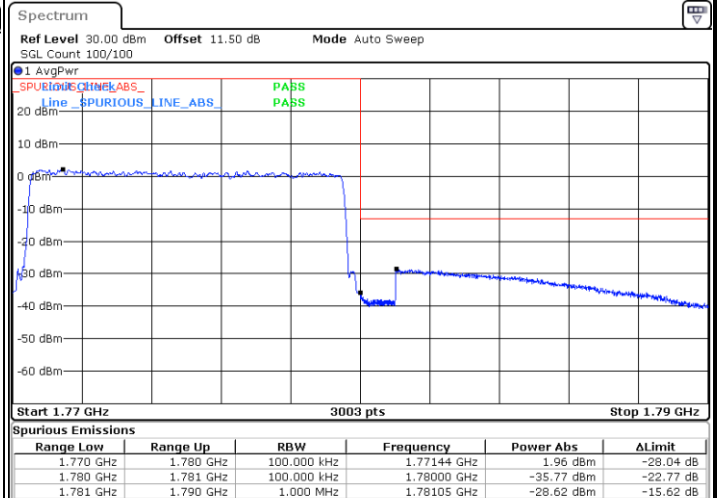
Date: 31.AUG.2022 16:57:34

Lowest Band Edge / Full RB



Date: 31.AUG.2022 16:55:43

Highest Band Edge / Full RB

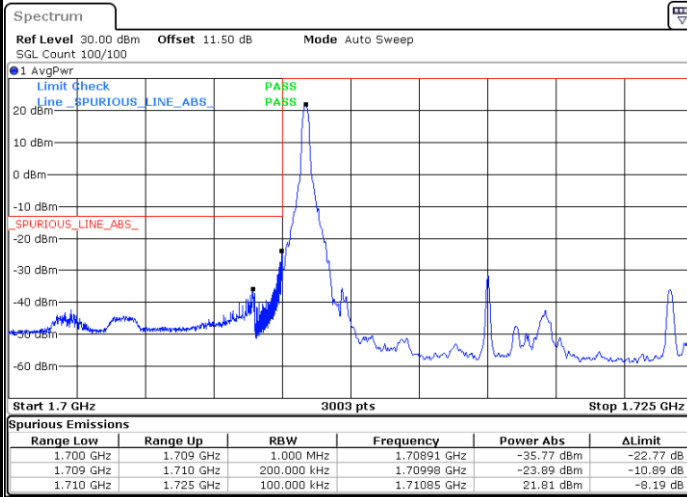


Date: 31.AUG.2022 16:58:30



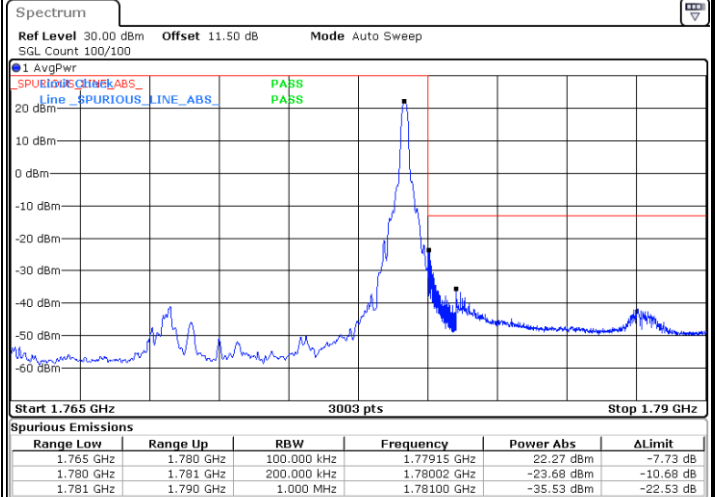
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



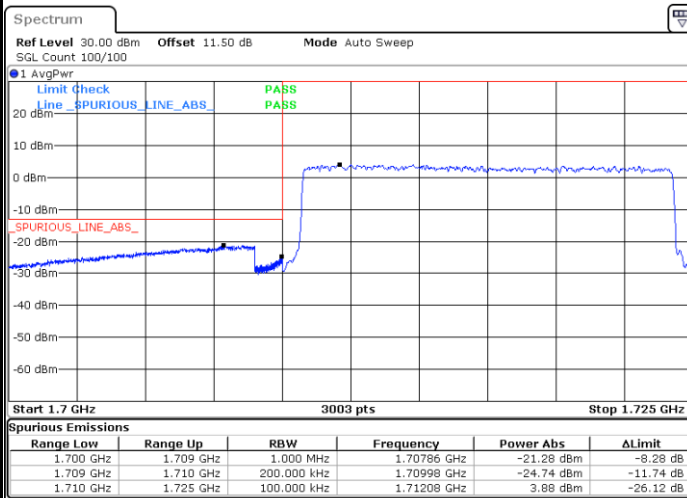
Date: 31.AUG.2022 15:23:31

Highest Band Edge / 1 RB



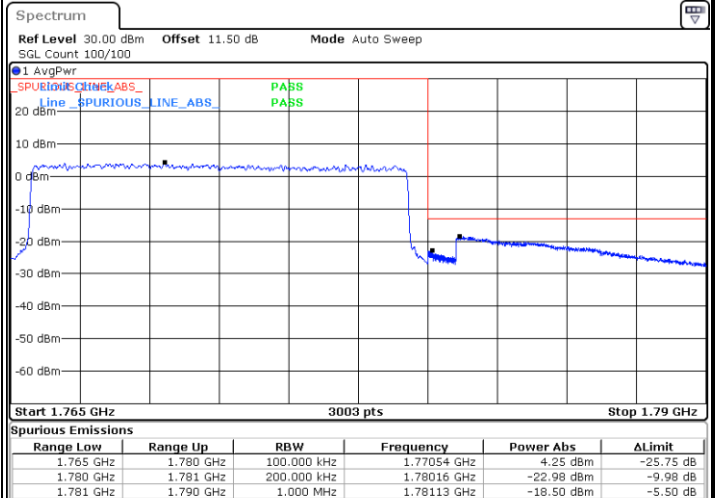
Date: 31.AUG.2022 15:31:07

Lowest Band Edge / Full RB



Date: 31.AUG.2022 15:25:18

Highest Band Edge / Full RB

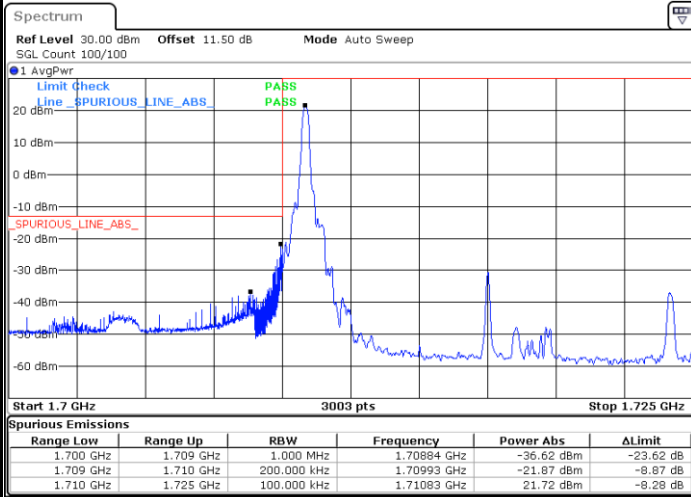


Date: 31.AUG.2022 15:32:55



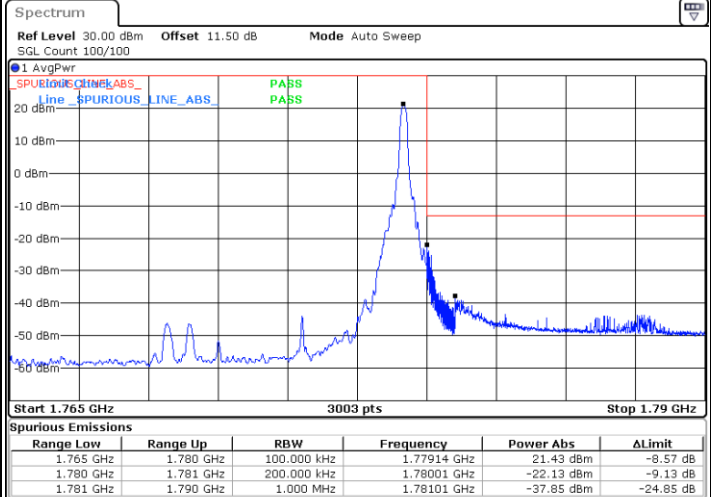
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



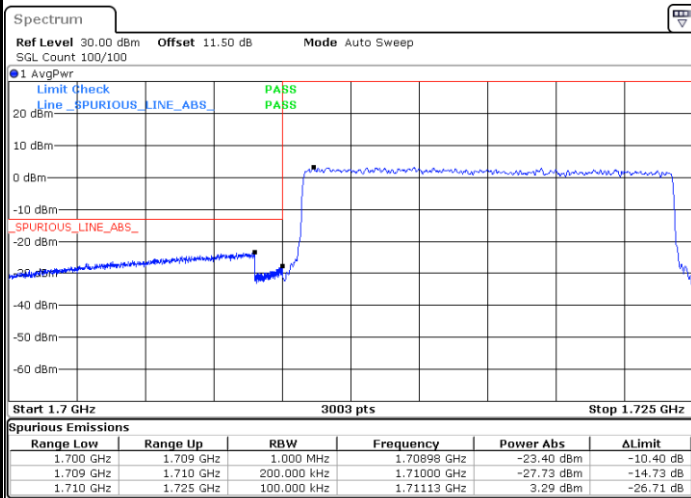
Date: 31.AUG.2022 15:24:25

Highest Band Edge / 1 RB



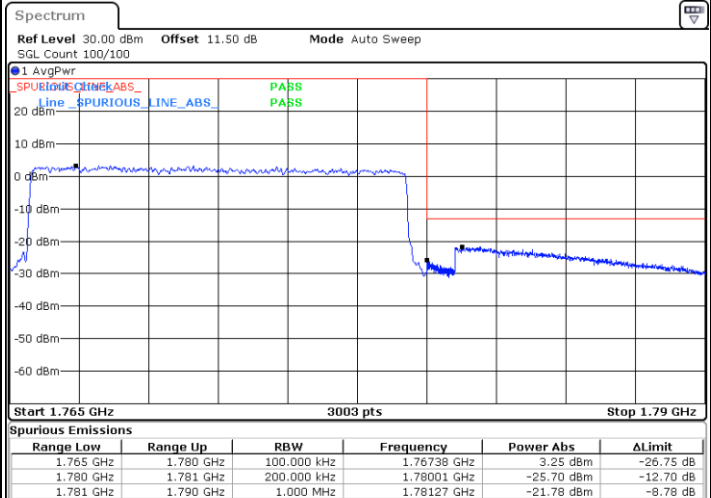
Date: 31.AUG.2022 15:32:01

Lowest Band Edge / Full RB



Date: 31.AUG.2022 15:26:11

Highest Band Edge / Full RB

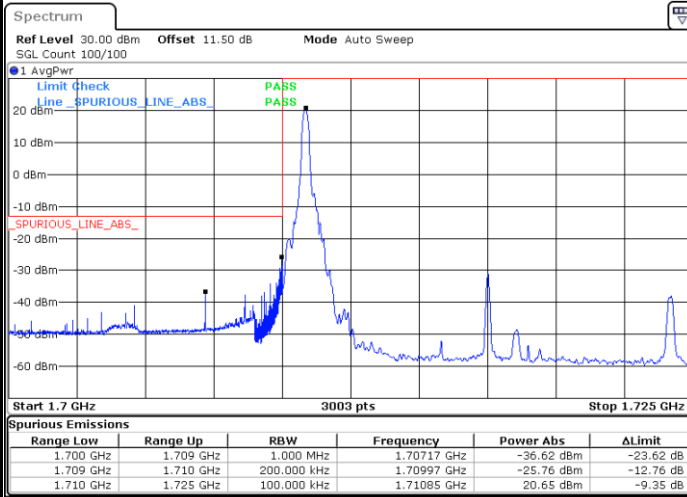


Date: 31.AUG.2022 15:33:48

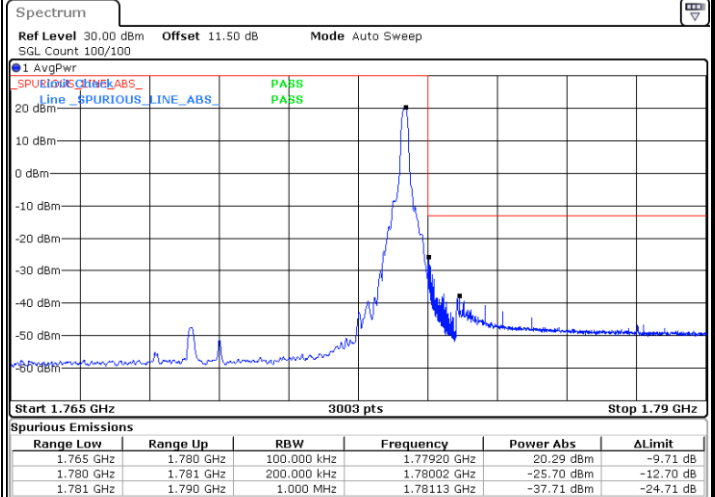


LTE Band 66 / 15MHz / 64QAM

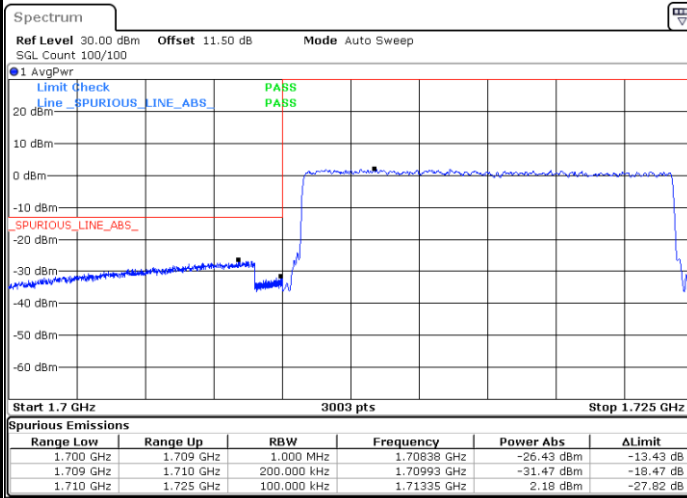
Lowest Band Edge / 1 RB



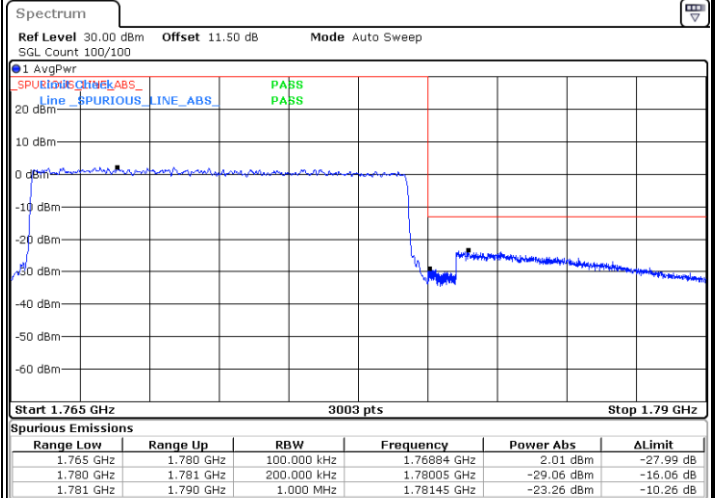
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



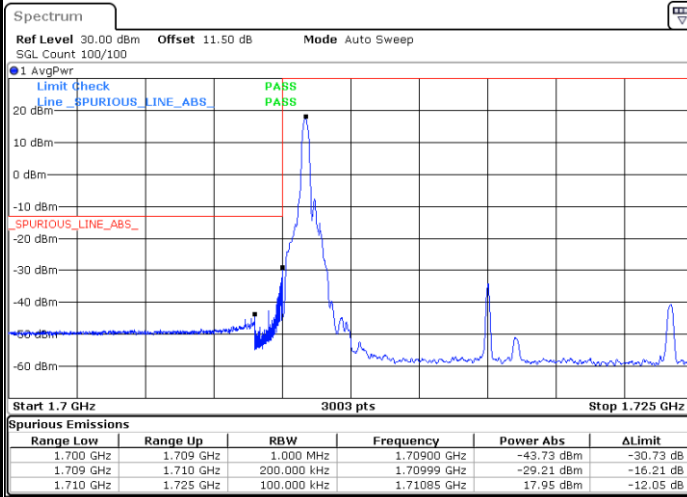
Highest Band Edge / Full RB





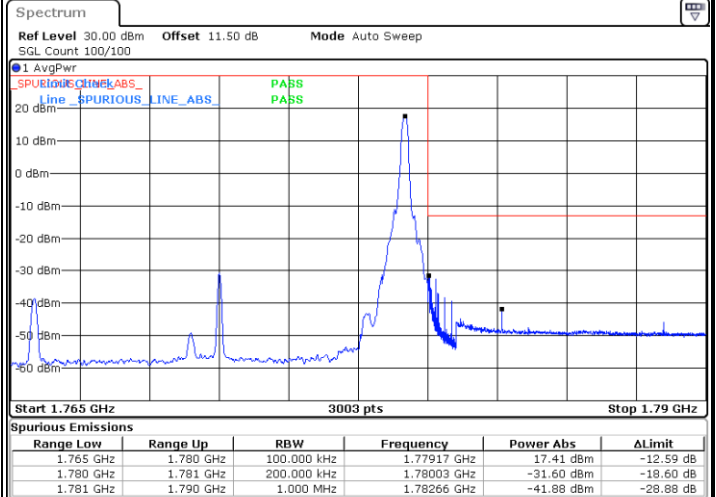
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



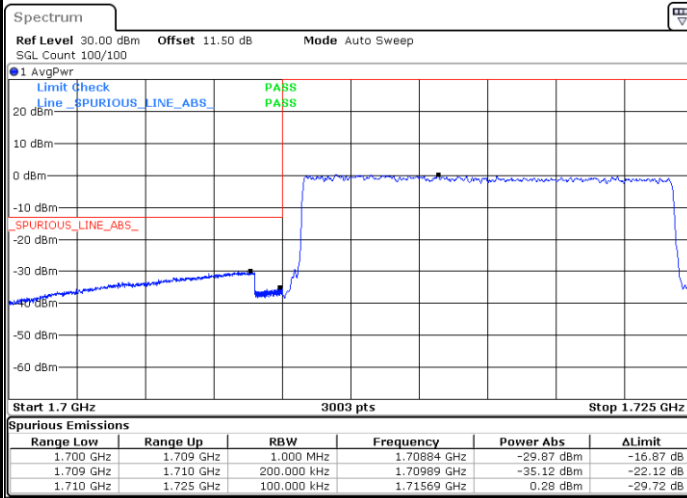
Date: 31.AUG.2022 17:01:20

Highest Band Edge / 1 RB



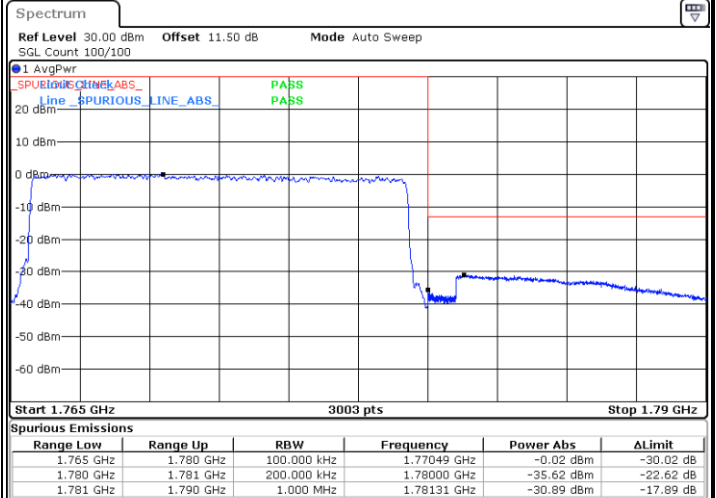
Date: 31.AUG.2022 17:04:07

Lowest Band Edge / Full RB



Date: 31.AUG.2022 17:02:17

Highest Band Edge / Full RB

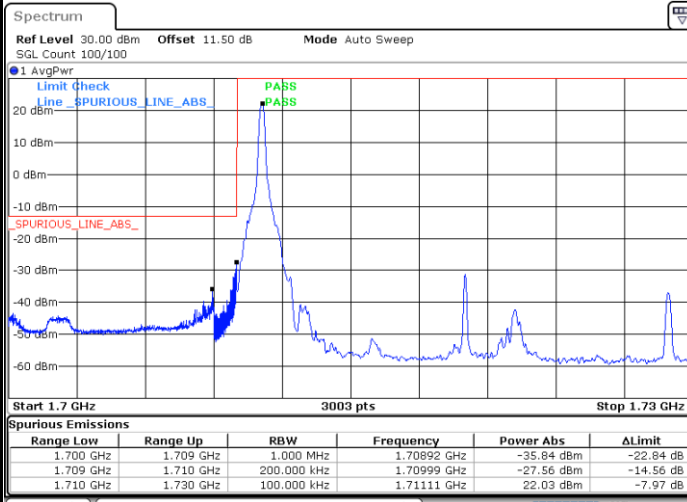


Date: 31.AUG.2022 17:05:03



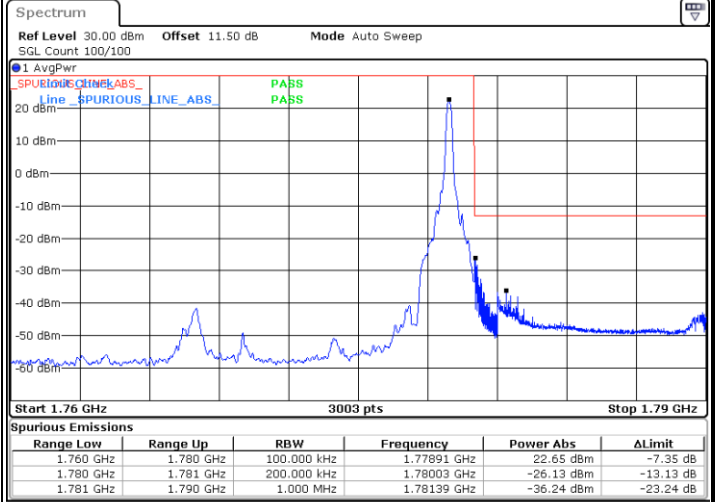
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



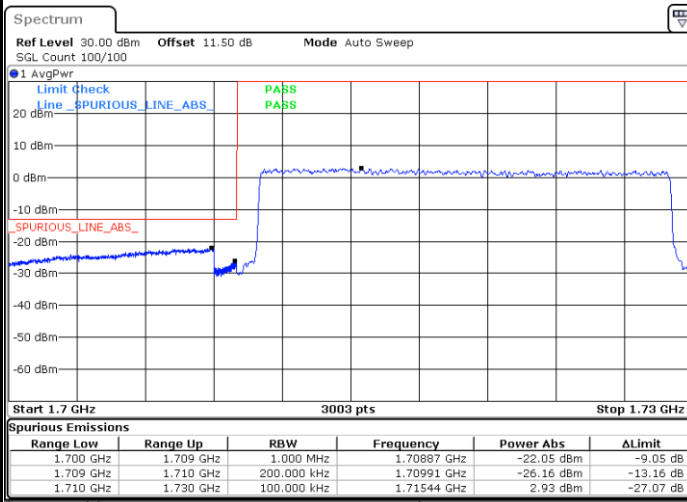
Date: 31.AUG.2022 15:36:19

Highest Band Edge / 1 RB



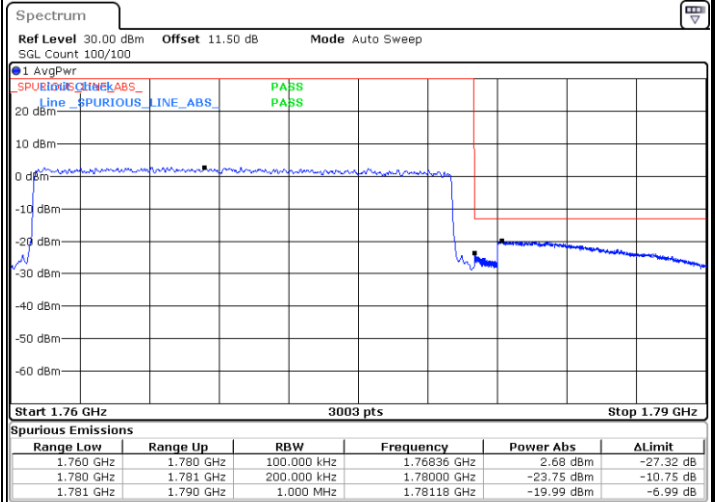
Date: 31.AUG.2022 15:43:55

Lowest Band Edge / Full RB



Date: 31.AUG.2022 15:38:06

Highest Band Edge / Full RB



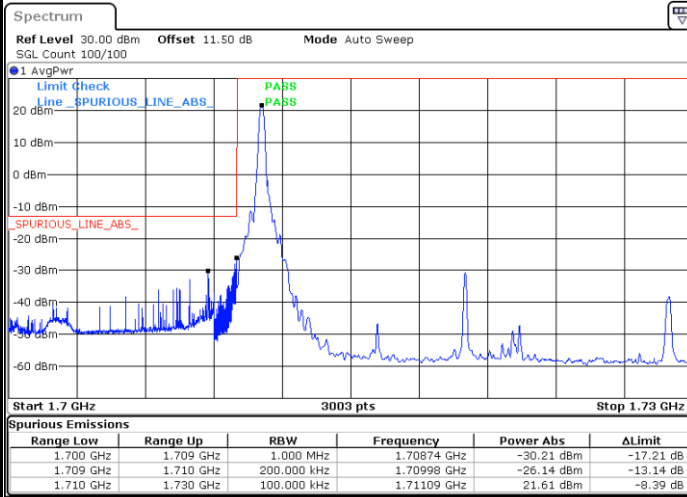
Date: 31.AUG.2022 15:45:42





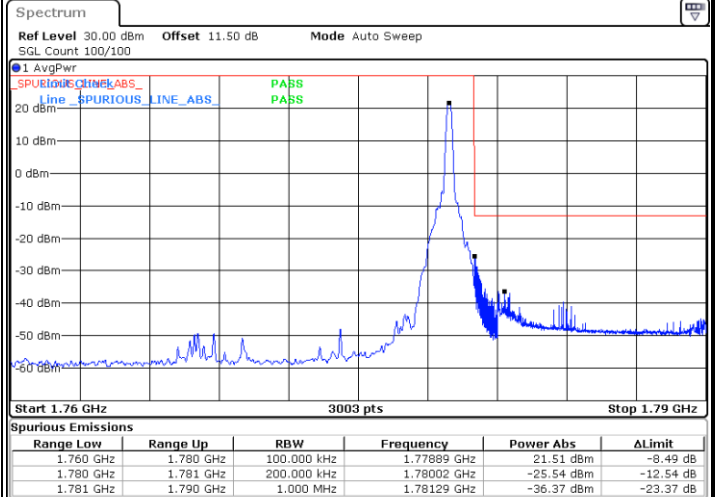
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



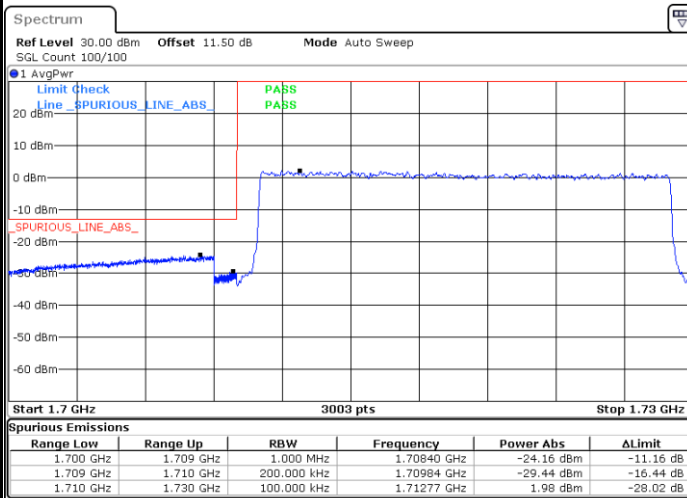
Date: 31.AUG.2022 15:37:12

Highest Band Edge / 1 RB



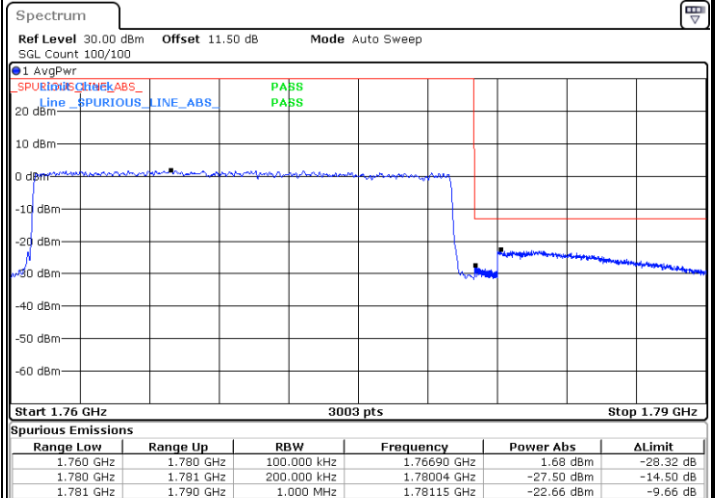
Date: 31.AUG.2022 15:44:48

Lowest Band Edge / Full RB



Date: 31.AUG.2022 15:38:59

Highest Band Edge / Full RB

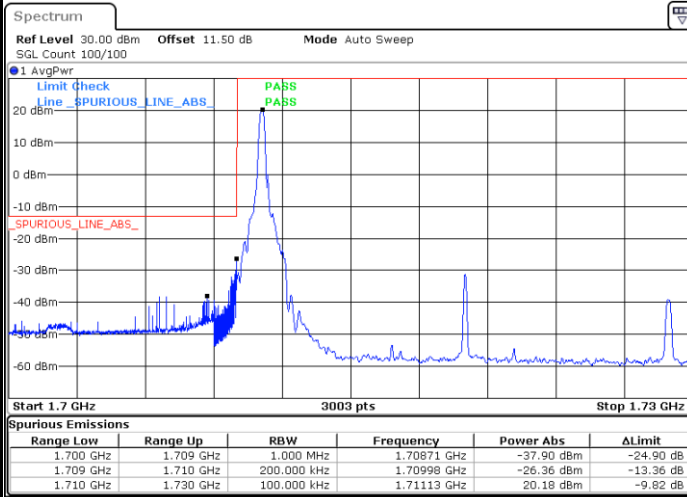


Date: 31.AUG.2022 15:46:35



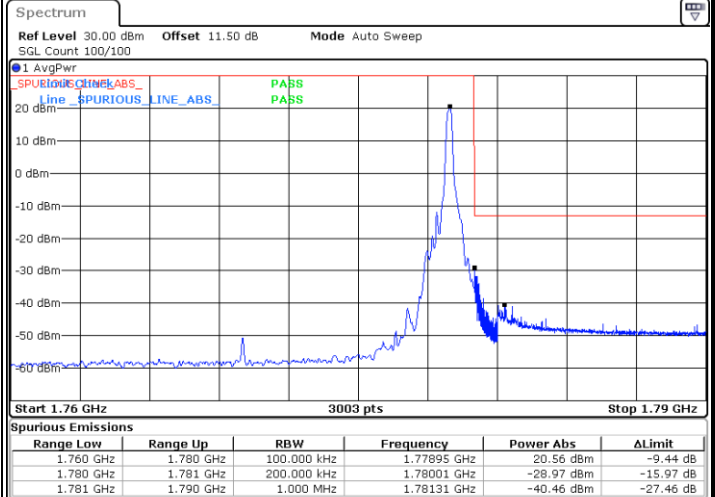
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



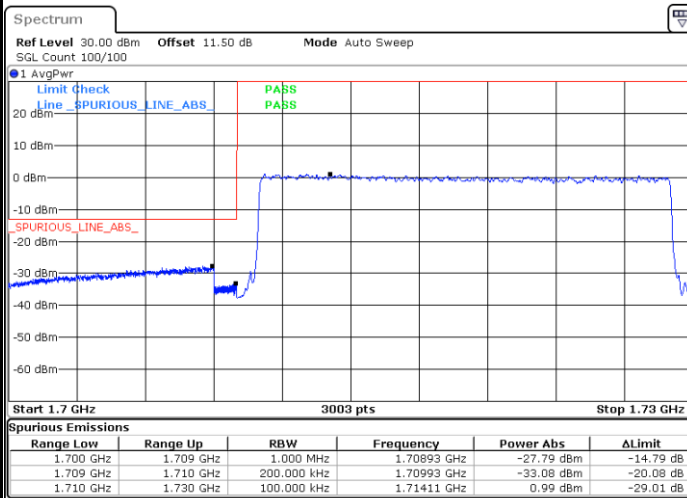
Date: 31.AUG.2022 15:48:41

Highest Band Edge / 1 RB



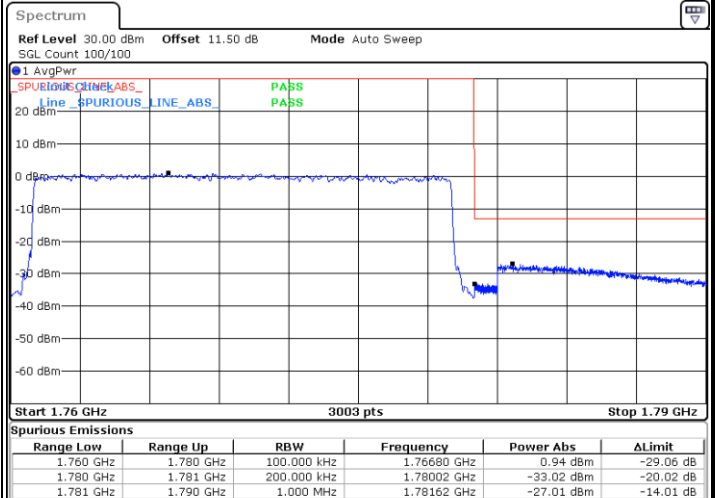
Date: 31.AUG.2022 15:51:16

Lowest Band Edge / Full RB



Date: 31.AUG.2022 15:49:35

Highest Band Edge / Full RB

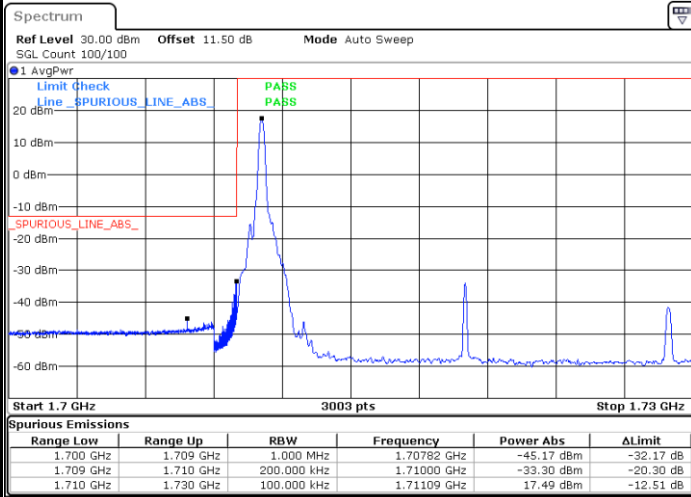


Date: 31.AUG.2022 15:52:09



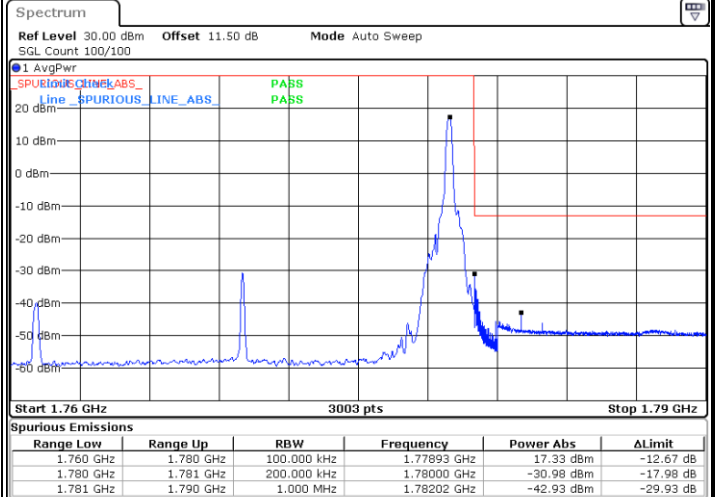
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



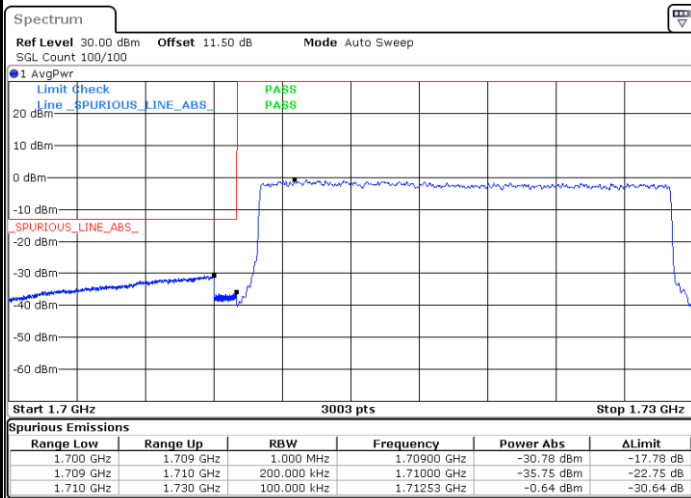
Date: 31.AUG.2022 17:07:24

Highest Band Edge / 1 RB



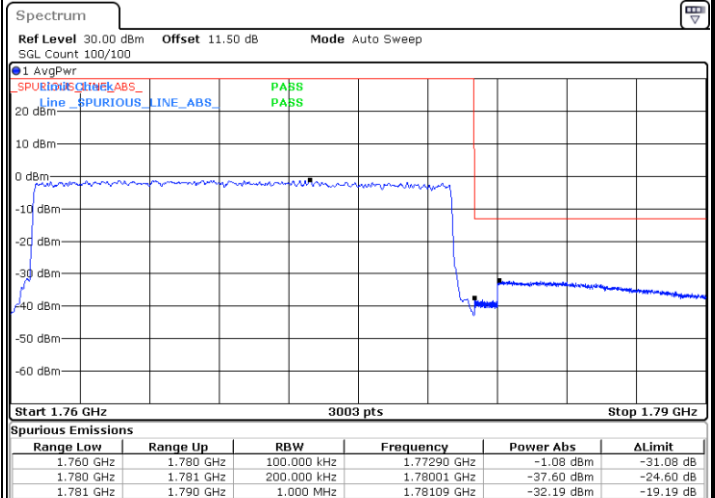
Date: 31.AUG.2022 17:10:11

Lowest Band Edge / Full RB



Date: 31.AUG.2022 17:08:21

Highest Band Edge / Full RB



Date: 31.AUG.2022 17:11:07

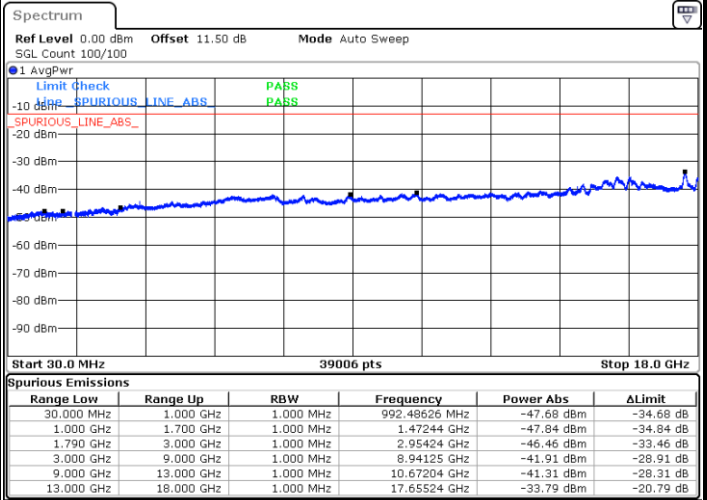
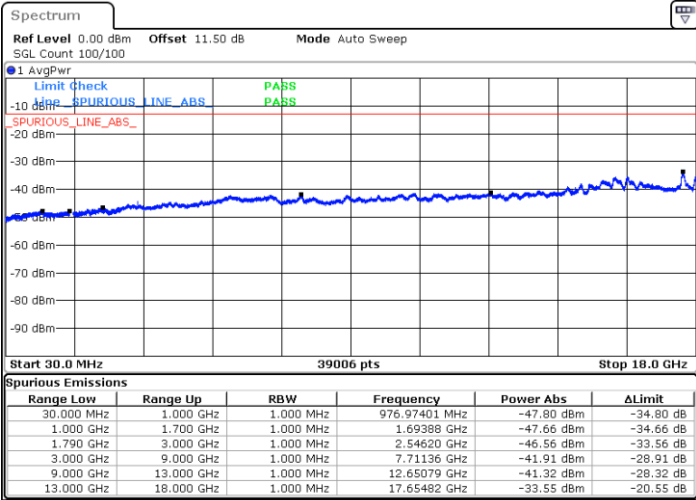


# Conducted Spurious Emission

## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK

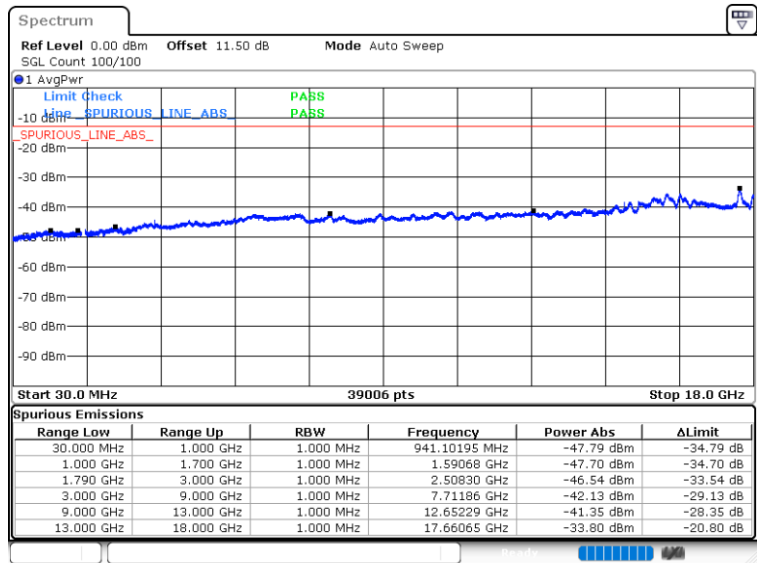
### Middle Channel / QPSK



Date: 31.AUG.2022 14:03:49

Date: 31.AUG.2022 14:06:53

### Highest Channel / QPSK



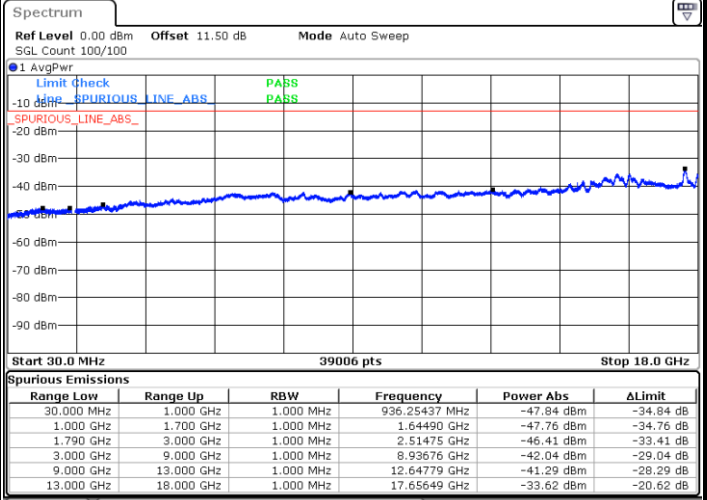
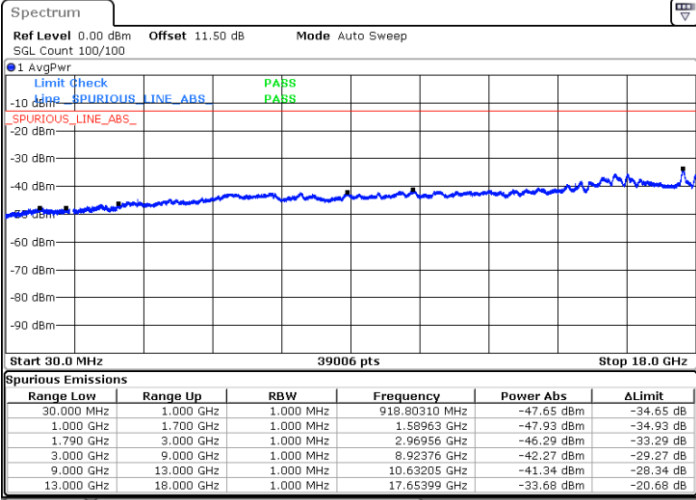
Date: 31.AUG.2022 14:11:53



LTE Band 66 / 3MHz

Lowest Channel / QPSK

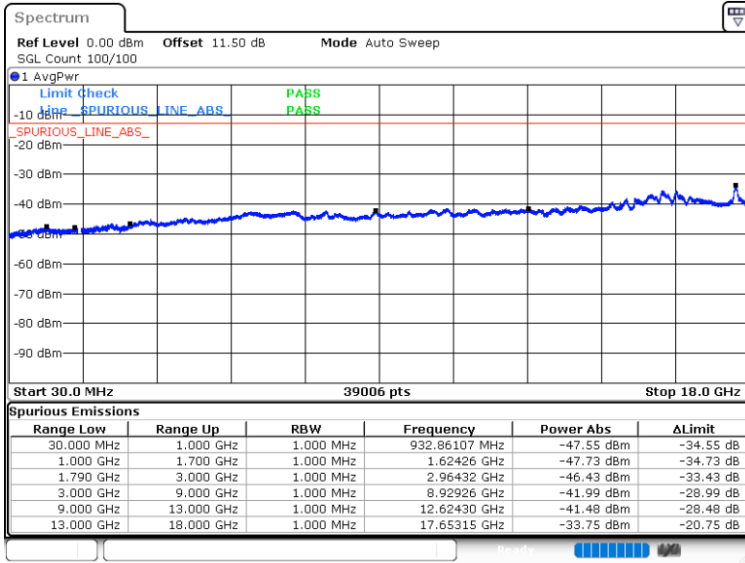
Middle Channel / QPSK



Date: 31.AUG.2022 14:32:20

Date: 31.AUG.2022 14:35:09

Highest Channel / QPSK



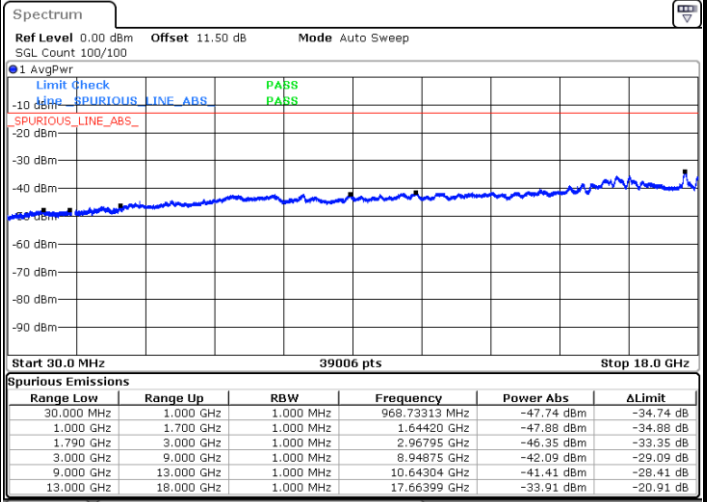
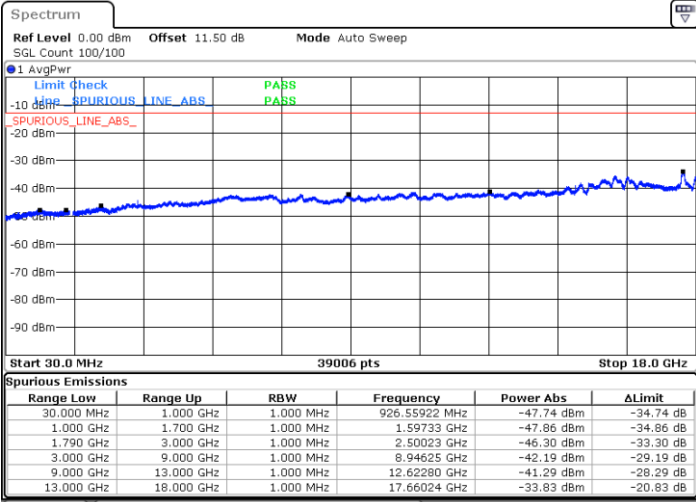
Date: 31.AUG.2022 14:39:57



LTE Band 66 / 5MHz

Lowest Channel / QPSK

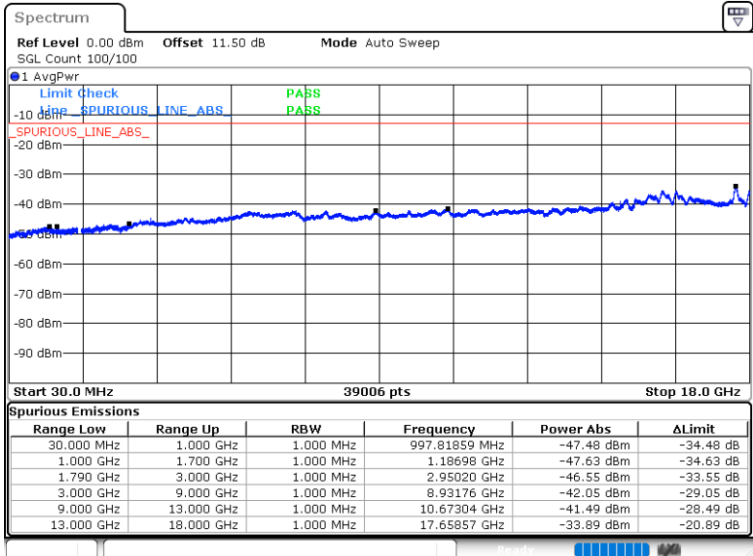
Middle Channel / QPSK



Date: 31.AUG.2022 14:53:30

Date: 31.AUG.2022 14:56:19

Highest Channel / QPSK



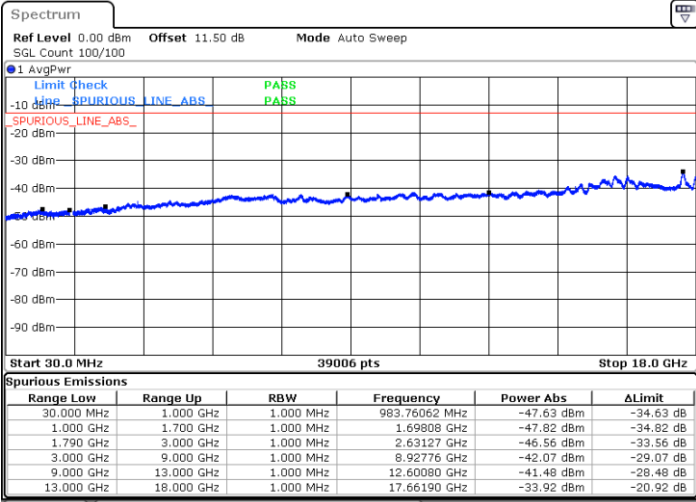
Date: 31.AUG.2022 15:01:06



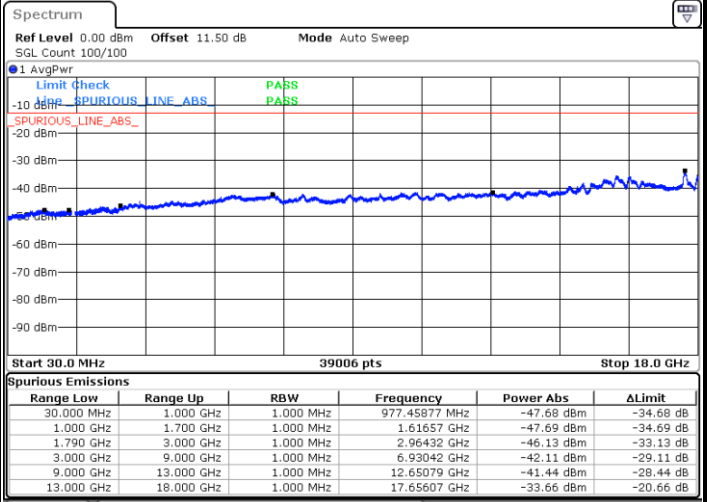
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

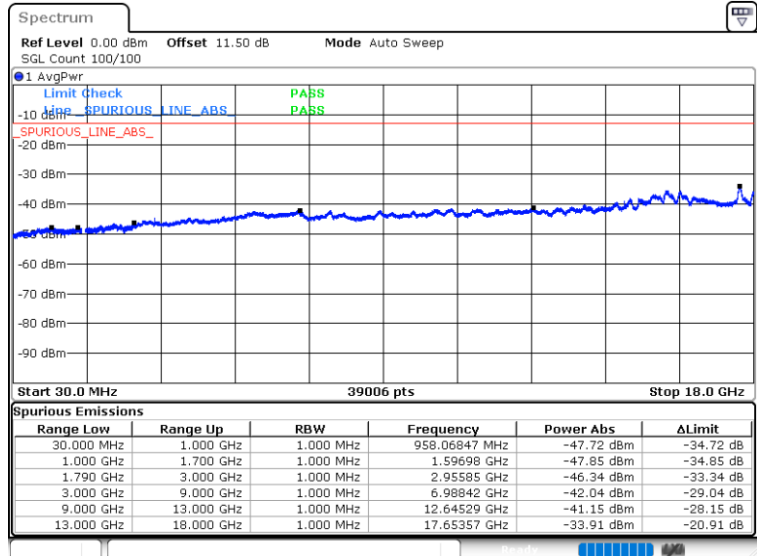


Date: 31.AUG.2022 15:06:17



Date: 31.AUG.2022 15:09:07

Highest Channel / QPSK



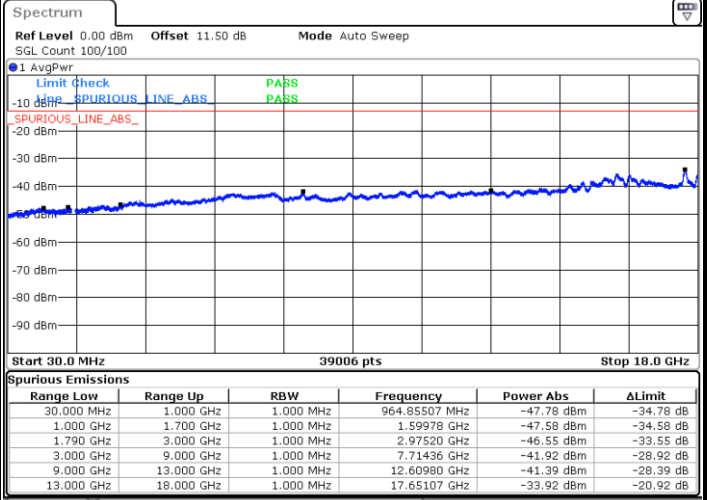
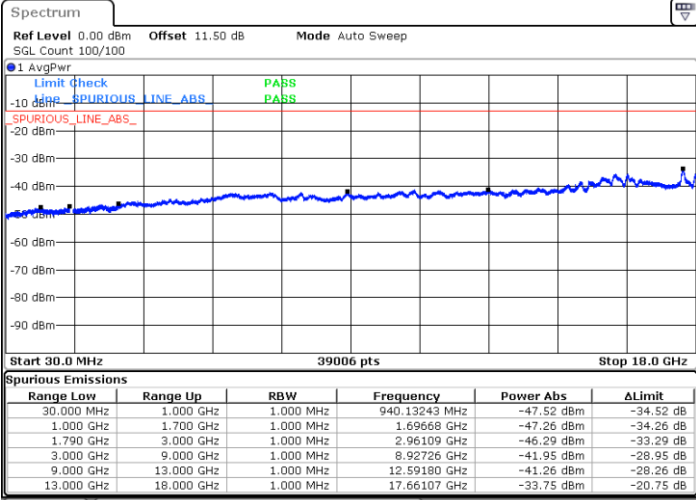
Date: 31.AUG.2022 15:13:53



LTE Band 66 / 15MHz

Lowest Channel / QPSK

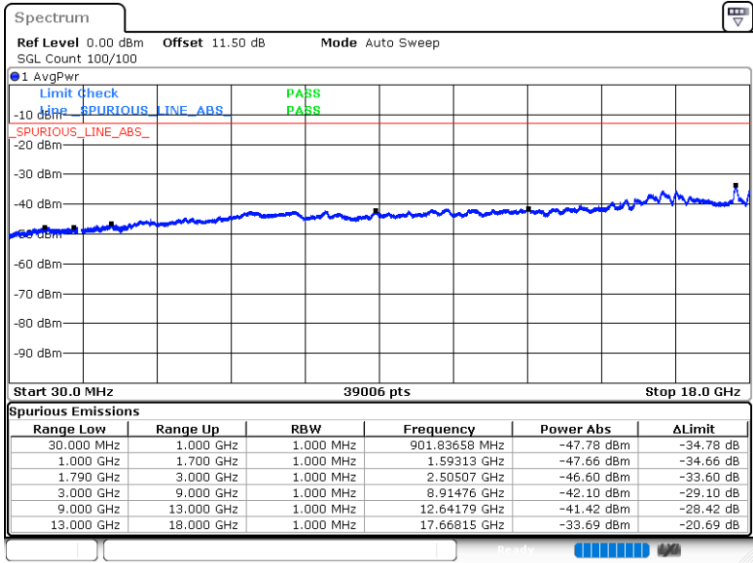
Middle Channel / QPSK



Date: 31.AUG.2022 15:27:24

Date: 31.AUG.2022 15:30:13

Highest Channel / QPSK



Date: 31.AUG.2022 15:35:01

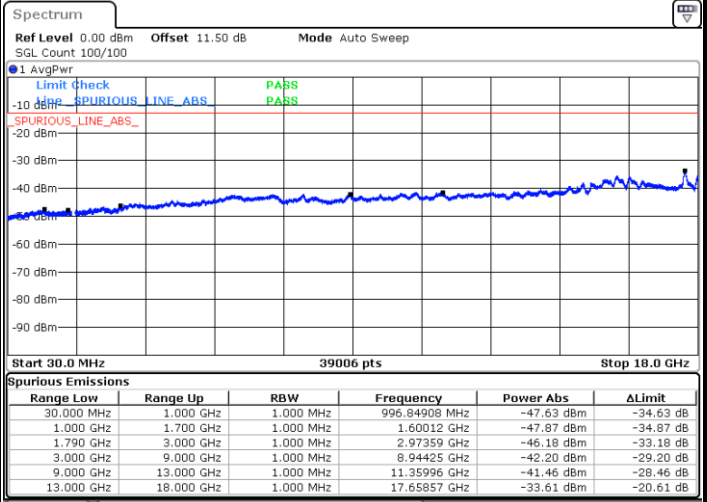
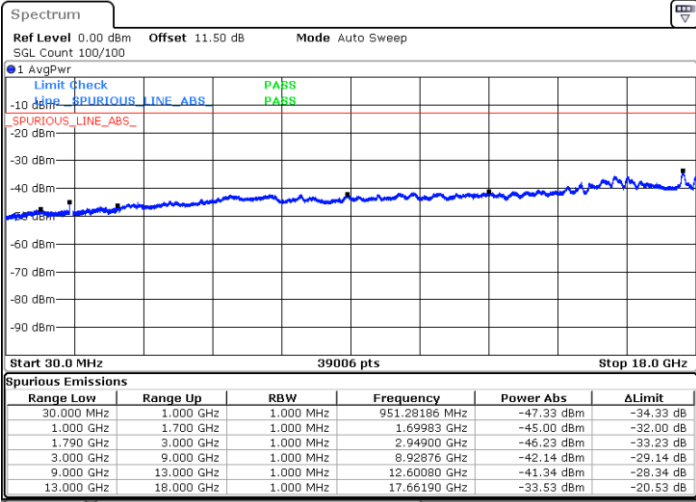




LTE Band 66 / 20MHz

Lowest Channel / QPSK

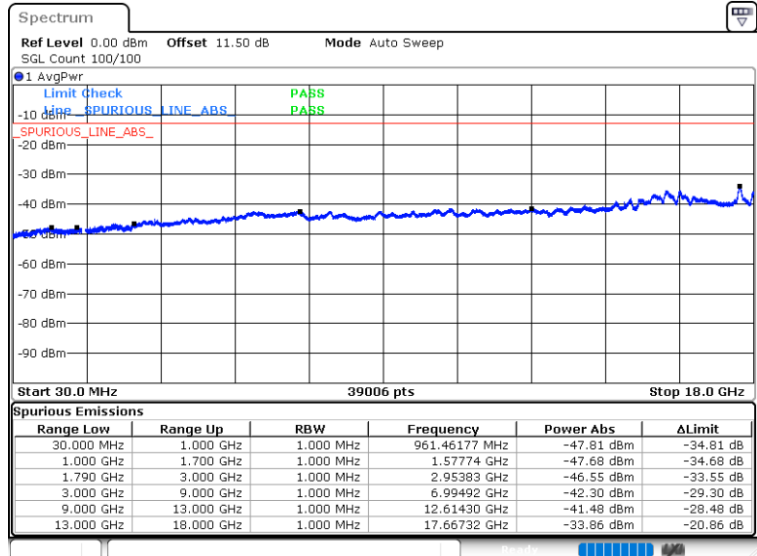
Middle Channel / QPSK



Date: 31.AUG.2022 15:40:12

Date: 31.AUG.2022 15:43:02

Highest Channel / QPSK



Date: 31.AUG.2022 15:47:48



### 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	0.0064	PASS
40	Normal Voltage	0.0072	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0064	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0023	

**Note:**

- 1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 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	9.99	14.57	18.94
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.78	19.58	19.18

Mode	LTE Band 66B : 26dB BW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.95	14.63	18.94
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.66	9.95	19.10

Mode	LTE Band 66B : 26dB BW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.95	14.51	18.90
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.60	9.79	19.06

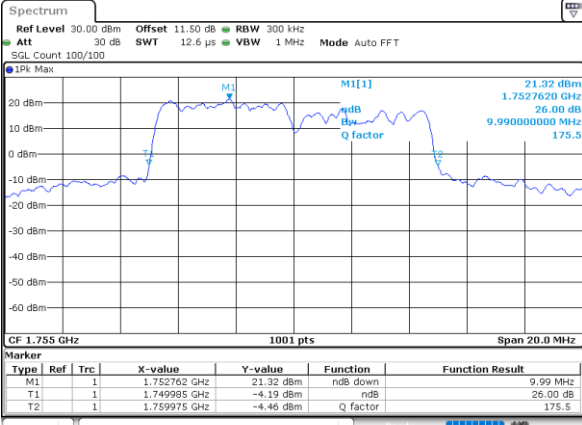
Mode	LTE Band 66B : 26dB BW(MHz)		
256QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.89	14.54	18.86
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.54	19.54	19.14



LTE Band 66B

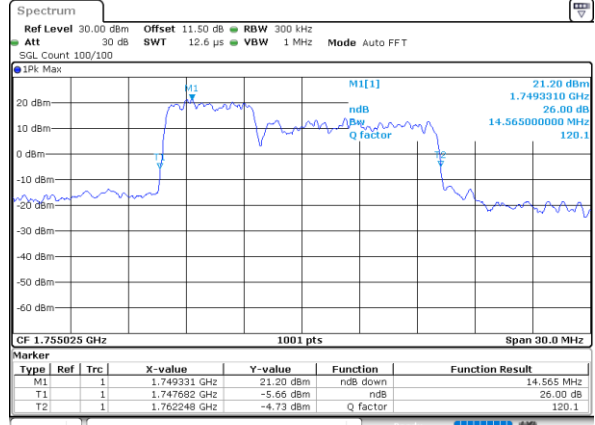
QPSK

Middle Channel / 5MHz+5MHz



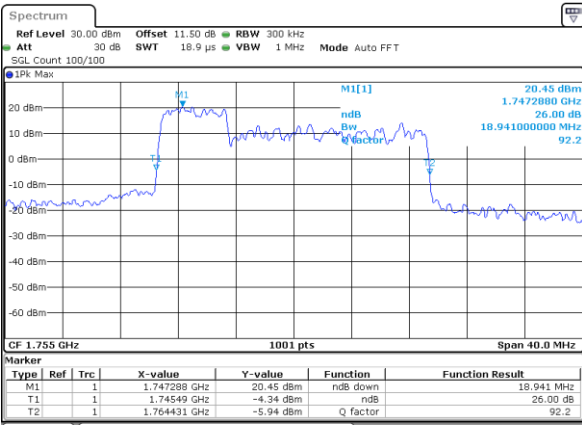
Date: 8\_SEP.2022 10:40:47

Middle Channel / 5MHz+10MHz



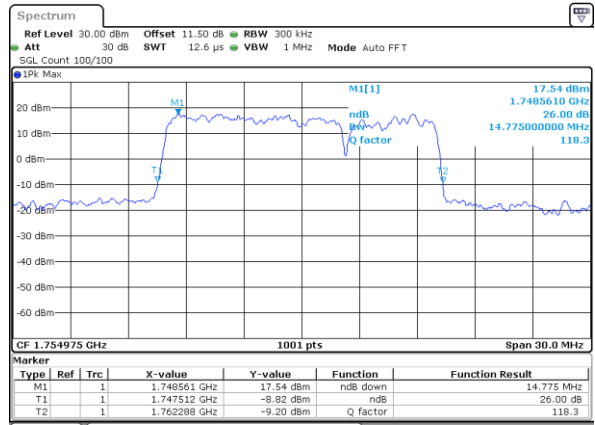
Date: 8\_SEP.2022 11:07:21

Middle Channel / 5MHz+15MHz



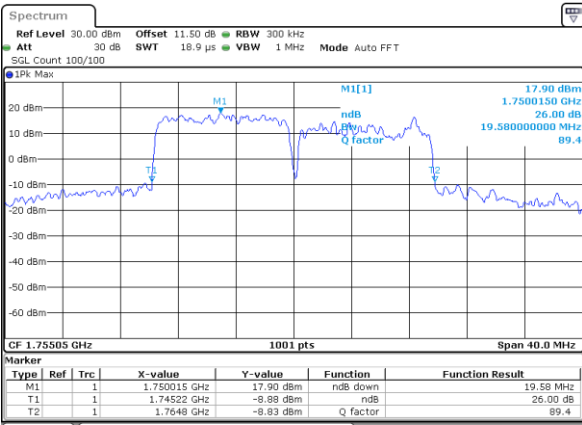
Date: 8\_SEP.2022 12:27:15

Middle Channel / 10MHz+5MHz



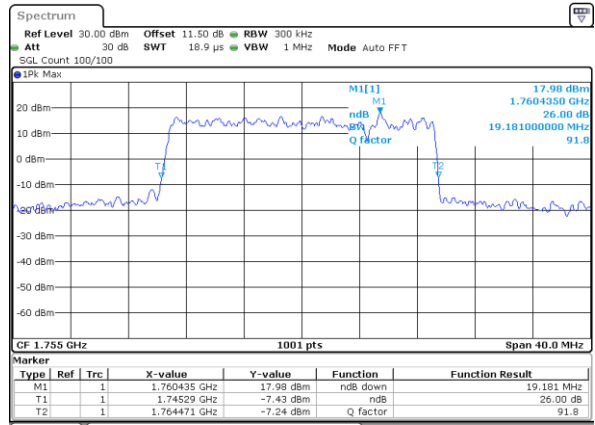
Date: 8\_SEP.2022 11:33:59

Middle Channel / 10MHz+10MHz



Date: 8\_SEP.2022 12:00:33

Middle Channel / 15MHz+5MHz



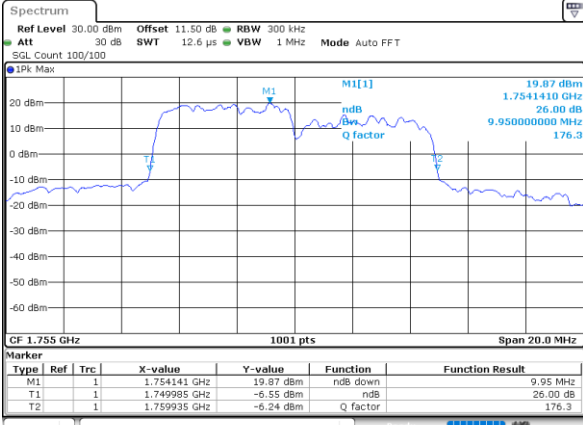
Date: 8\_SEP.2022 13:52:09



LTE Band 66B

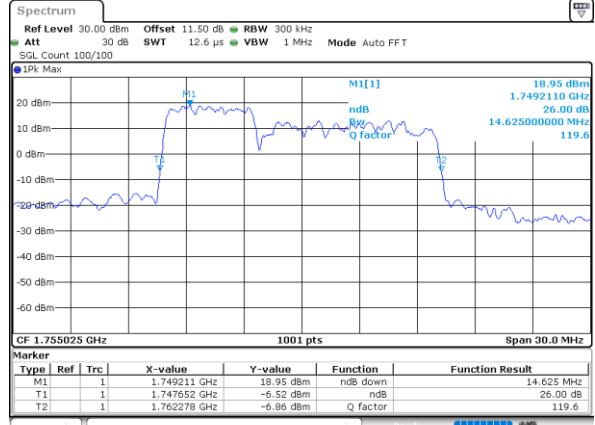
16QAM

Middle Channel / 5MHz+5MHz



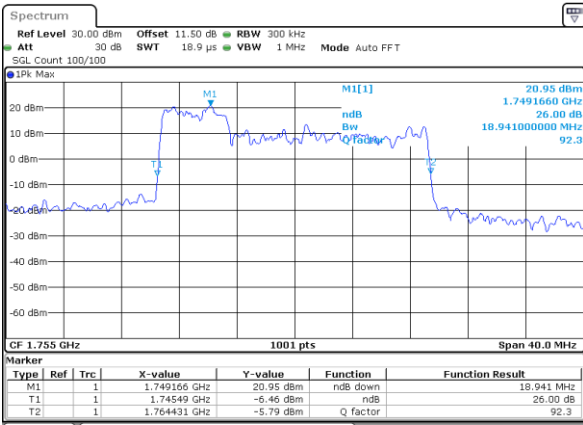
Date: 8\_SEP.2022 10:40:18

Middle Channel / 5MHz+10MHz



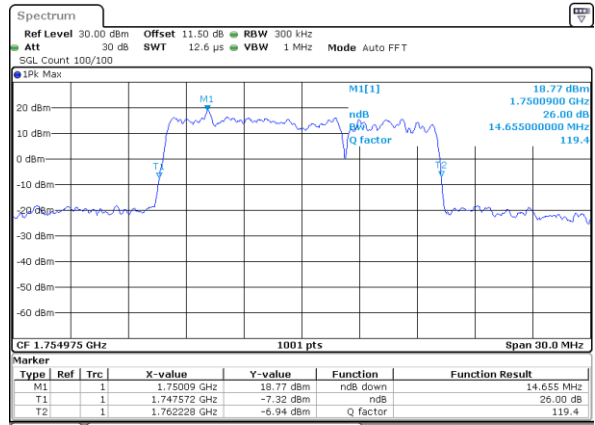
Date: 8\_SEP.2022 11:06:53

Middle Channel / 5MHz+15MHz



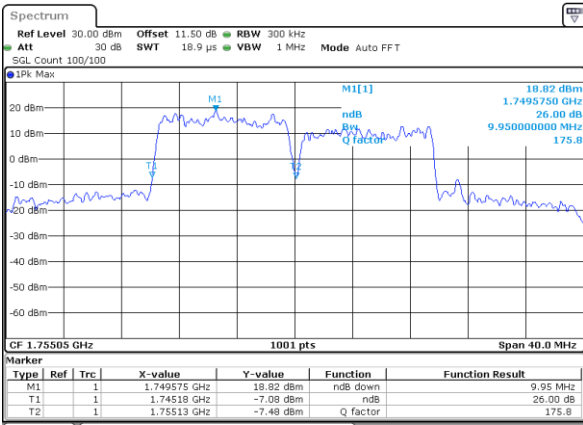
Date: 8\_SEP.2022 12:26:47

Middle Channel / 10MHz+5MHz



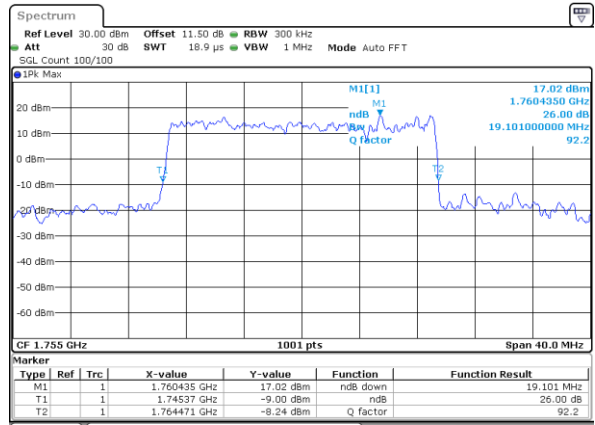
Date: 8\_SEP.2022 11:33:31

Middle Channel / 10MHz+10MHz



Date: 8\_SEP.2022 12:00:05

Middle Channel / 15MHz+5MHz



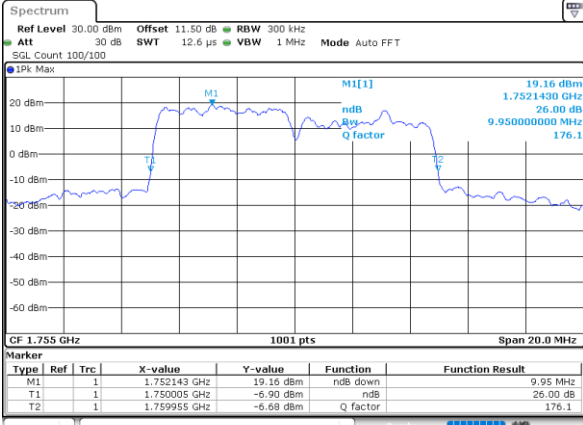
Date: 8\_SEP.2022 13:51:40



LTE Band 66B

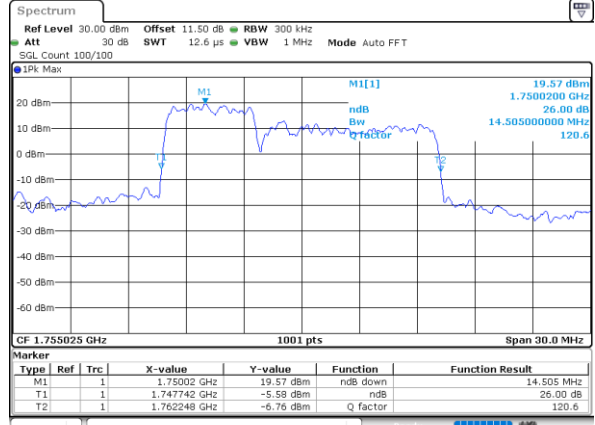
64QAM

Middle Channel / 5MHz+5MHz



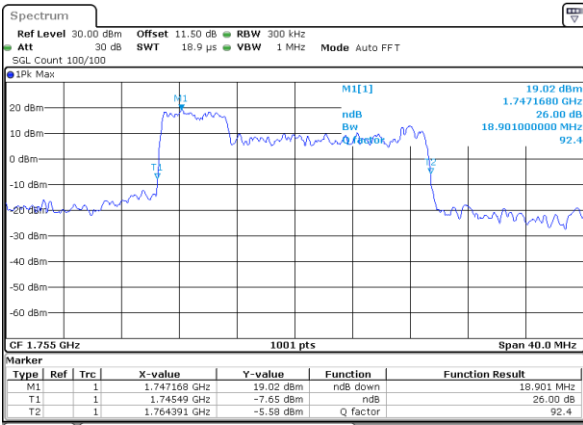
Date: 8\_SEP.2022 10:39:50

Middle Channel / 5MHz+10MHz



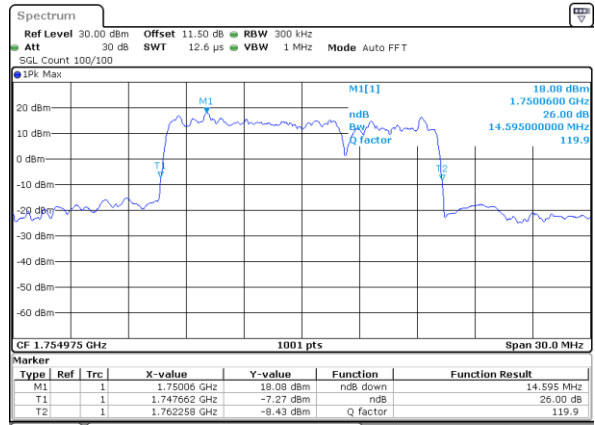
Date: 8\_SEP.2022 11:06:25

Middle Channel / 5MHz+15MHz



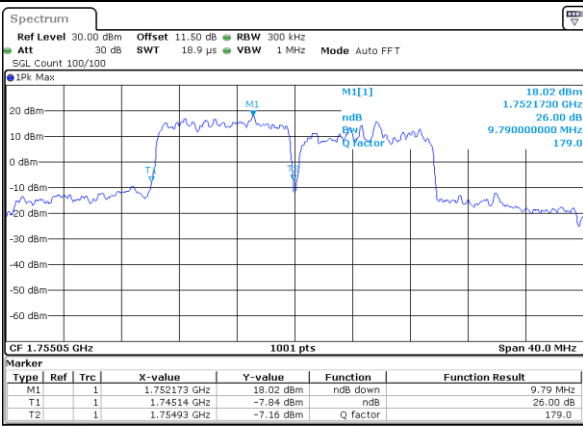
Date: 8\_SEP.2022 12:26:19

Middle Channel / 10MHz+5MHz



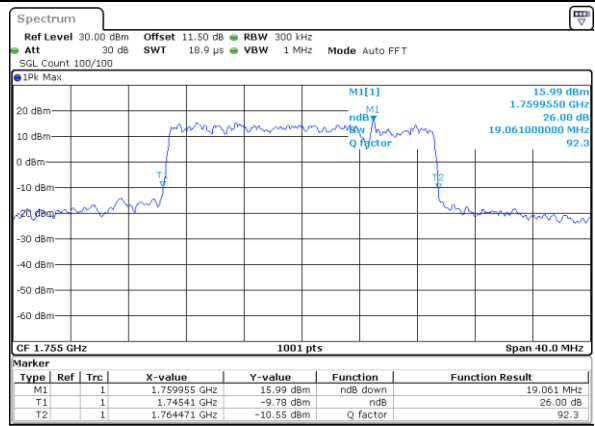
Date: 8\_SEP.2022 11:33:03

Middle Channel / 10MHz+10MHz



Date: 8\_SEP.2022 11:59:37

Middle Channel / 15MHz+5MHz



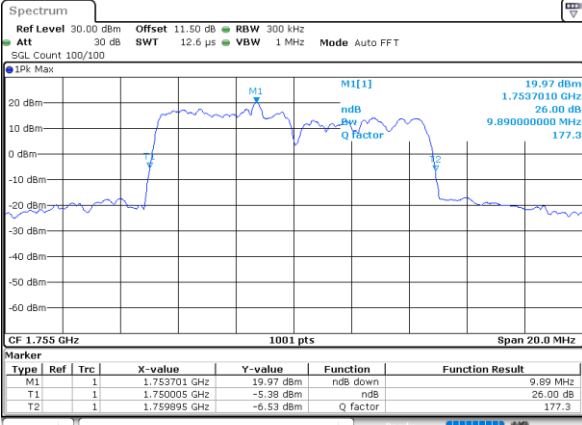
Date: 8\_SEP.2022 13:51:12



LTE Band 66B

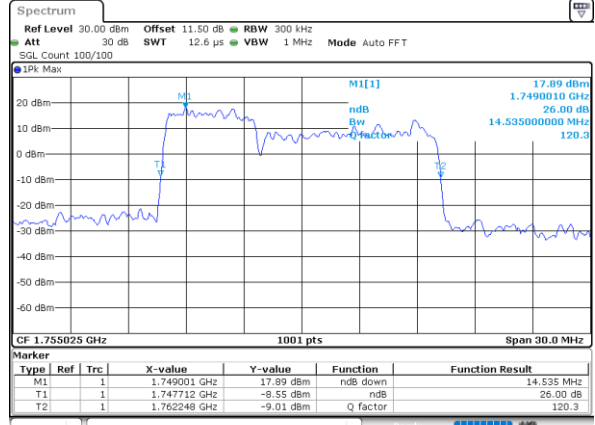
256QAM

Middle Channel / 5MHz+5MHz



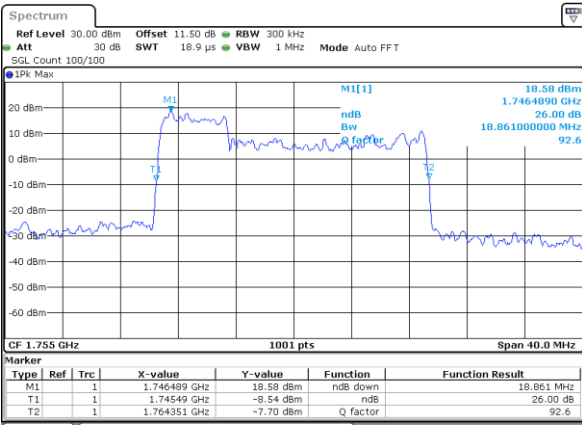
Date: 8\_SEP.2022 14:09:47

Middle Channel / 5MHz+10MHz



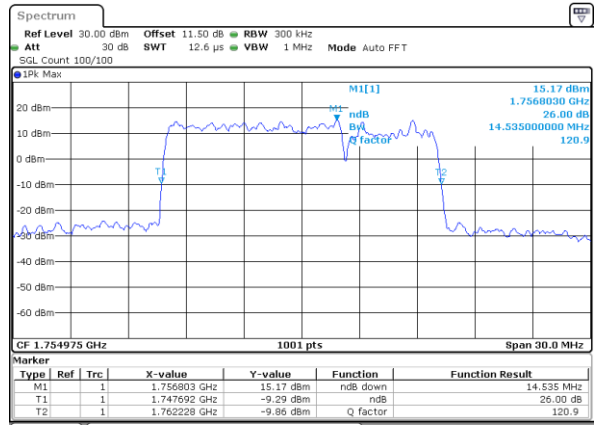
Date: 8\_SEP.2022 14:31:54

Middle Channel / 5MHz+15MHz



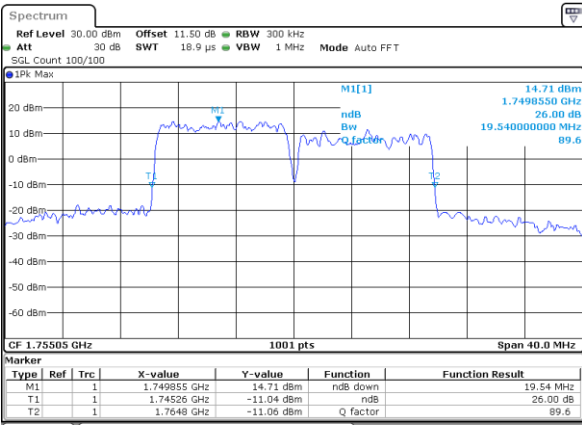
Date: 8\_SEP.2022 14:52:00

Middle Channel / 10MHz+5MHz



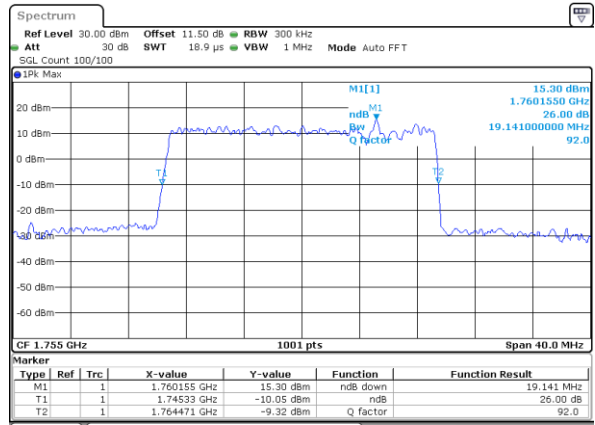
Date: 8\_SEP.2022 14:38:35

Middle Channel / 10MHz+10MHz



Date: 8\_SEP.2022 14:45:14

Middle Channel / 15MHz+5MHz



Date: 8\_SEP.2022 14:58:41



### Occupied Bandwidth

Mode	LTE Band 66B : 99%OBW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.39	13.76	18.18
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.88	18.70	18.22

Mode	LTE Band 66B : 99%OBW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.33	13.85	18.06
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.88	18.78	18.18

Mode	LTE Band 66B : 99%OBW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.31	13.85	18.02
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.85	18.90	18.30

Mode	LTE Band 66B : 99%OBW(MHz)		
256QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.31	13.82	18.10
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.91	18.66	18.22

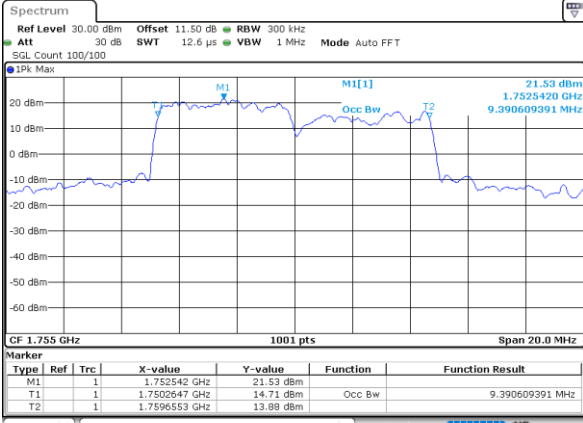




LTE Band 66B

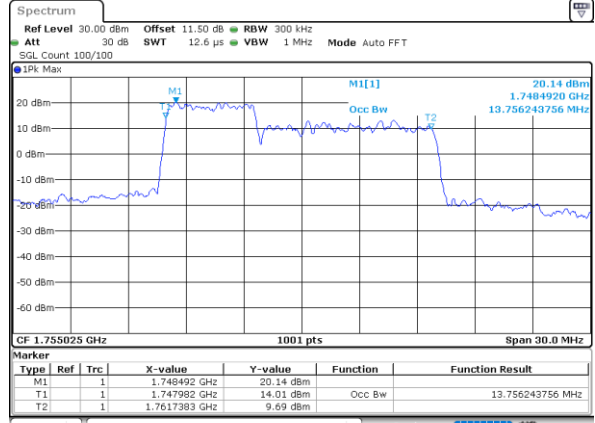
QPSK

Middle Channel / 5MHz+5MHz



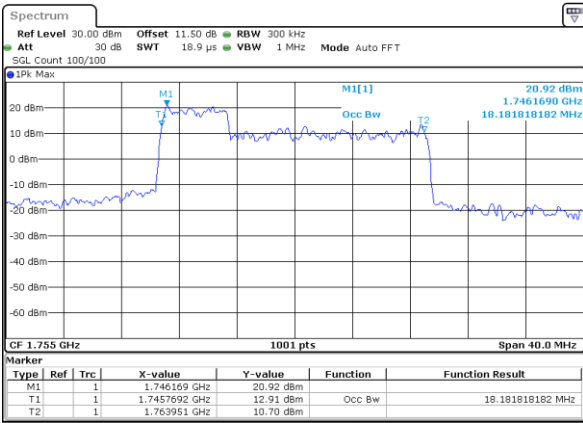
Date: 8\_SEP.2022 10:38:27

Middle Channel / 5MHz+10MHz



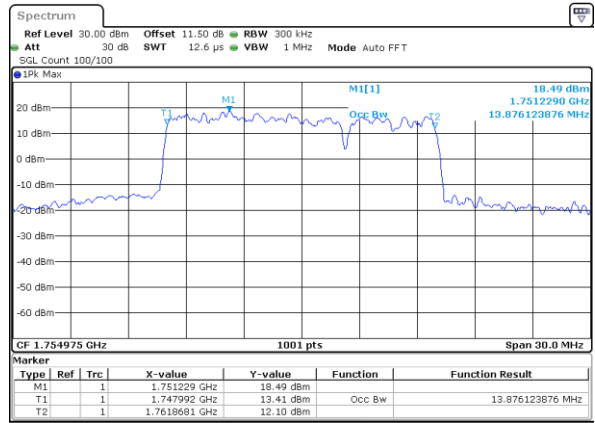
Date: 8\_SEP.2022 11:05:02

Middle Channel / 5MHz+15MHz



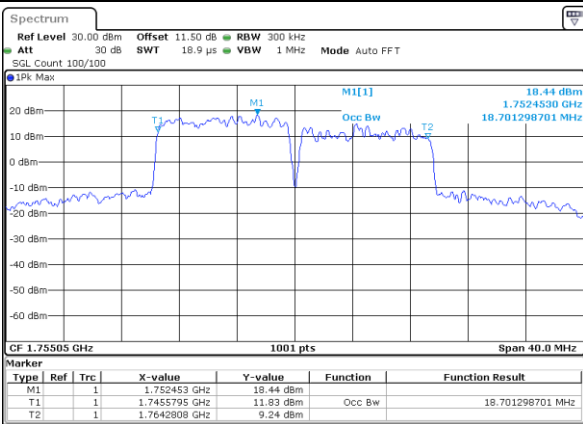
Date: 8\_SEP.2022 12:24:56

Middle Channel / 10MHz+5MHz



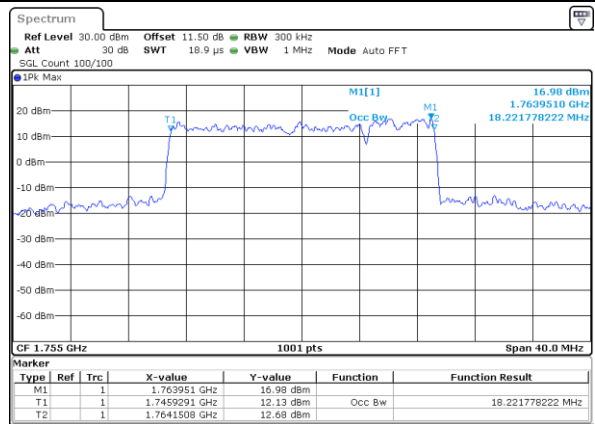
Date: 8\_SEP.2022 11:31:40

Middle Channel / 10MHz+10MHz



Date: 8\_SEP.2022 11:58:13

Middle Channel / 15MHz+5MHz



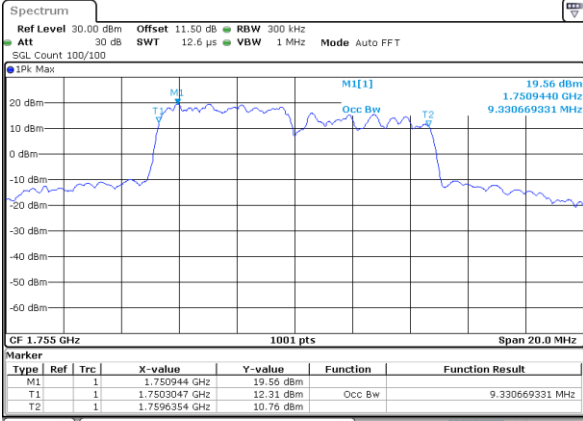
Date: 8\_SEP.2022 13:14:49



LTE Band 66B

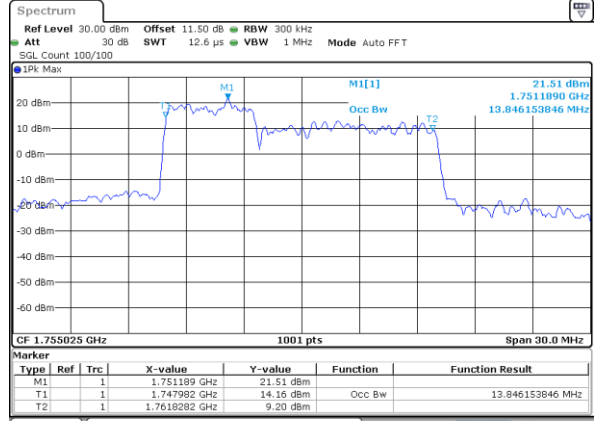
16QAM

Middle Channel / 5MHz+5MHz



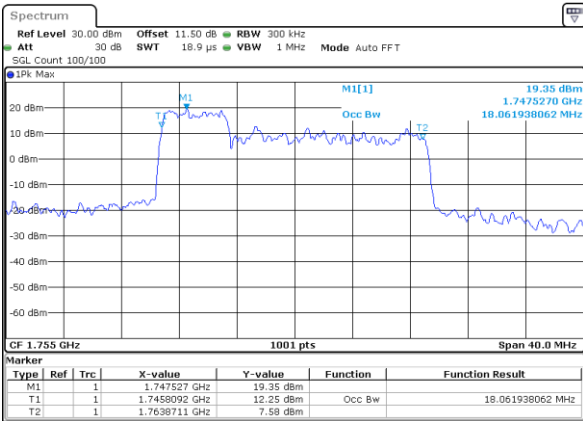
Date: 8\_SEP.2022 10:38:55

Middle Channel / 5MHz+10MHz



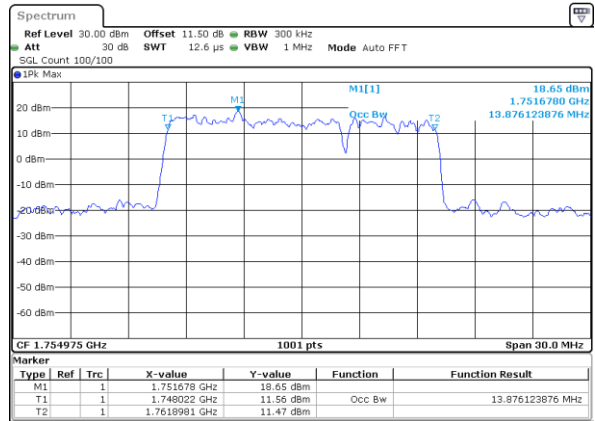
Date: 8\_SEP.2022 11:05:30

Middle Channel / 5MHz+15MHz



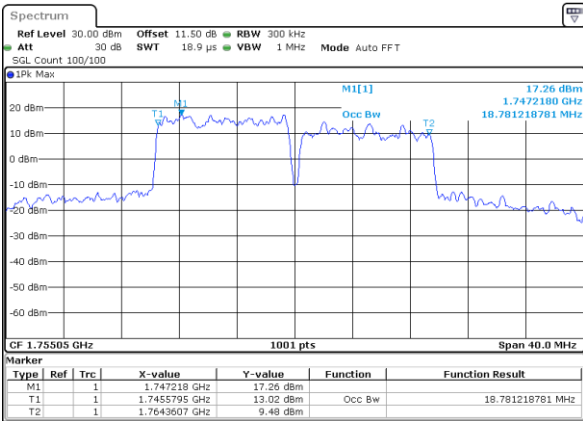
Date: 8\_SEP.2022 12:25:24

Middle Channel / 10MHz+5MHz



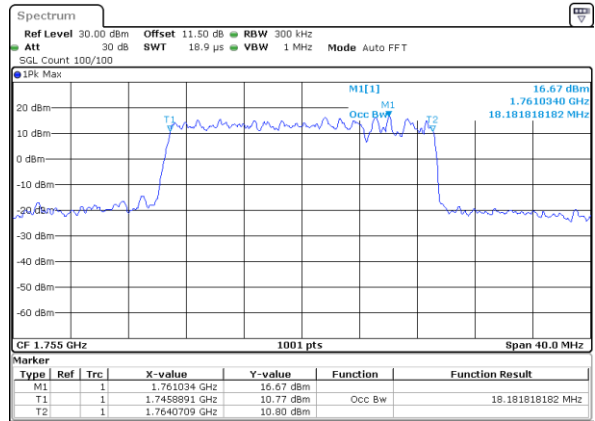
Date: 8\_SEP.2022 11:32:08

Middle Channel / 10MHz+10MHz



Date: 8\_SEP.2022 11:58:42

Middle Channel / 15MHz+5MHz



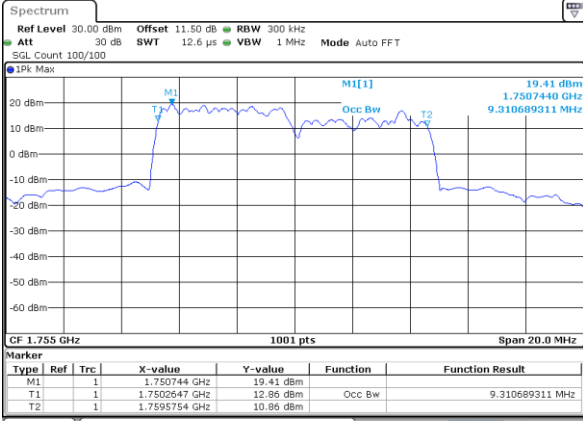
Date: 8\_SEP.2022 13:50:17



LTE Band 66B

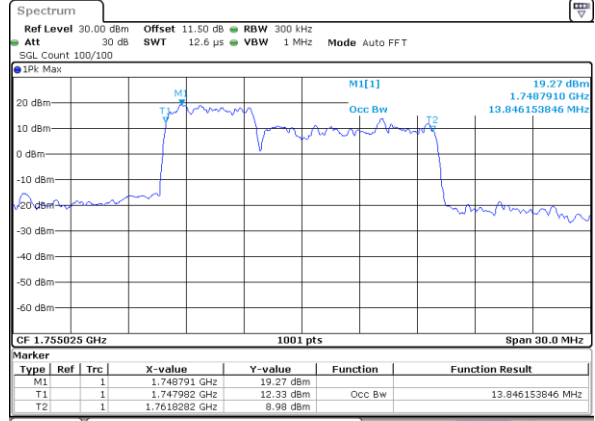
64QAM

Middle Channel / 5MHz+5MHz



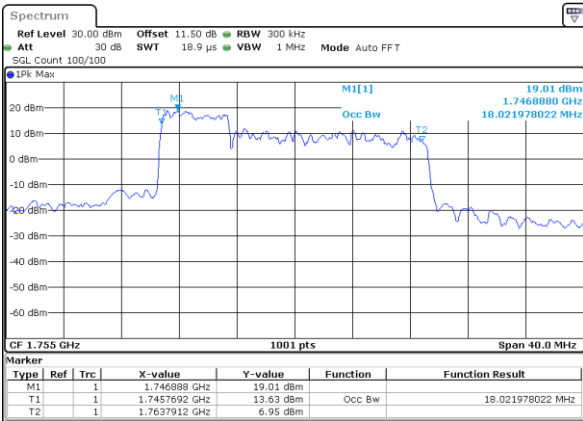
Date: 8\_SEP.2022 10:39:23

Middle Channel / 5MHz+10MHz



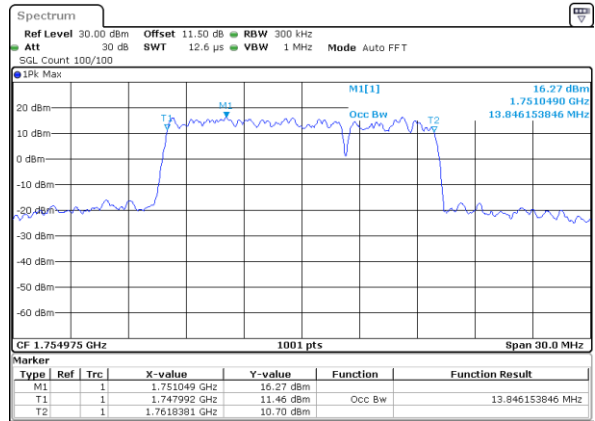
Date: 8\_SEP.2022 11:05:58

Middle Channel / 5MHz+15MHz



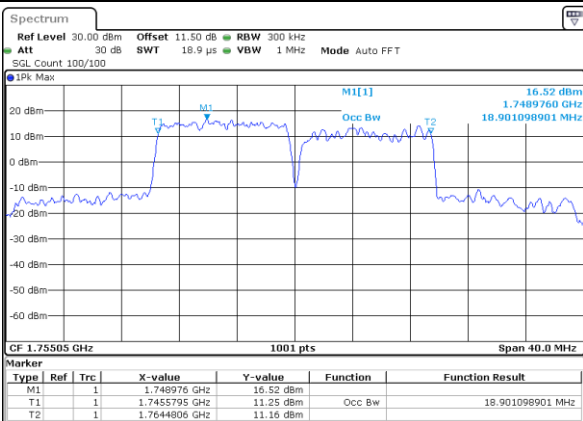
Date: 8\_SEP.2022 12:25:52

Middle Channel / 10MHz+5MHz



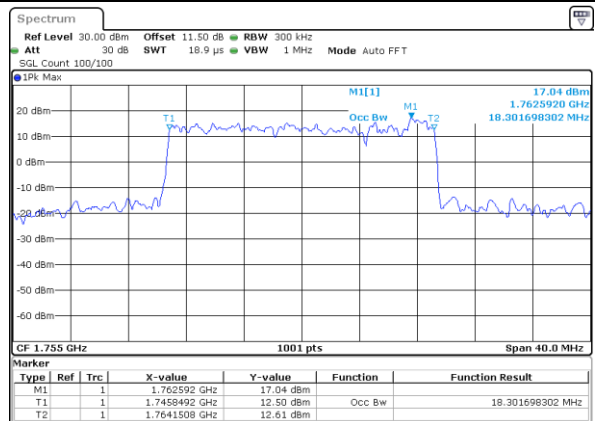
Date: 8\_SEP.2022 11:32:36

Middle Channel / 10MHz+10MHz



Date: 8\_SEP.2022 11:59:10

Middle Channel / 15MHz+5MHz



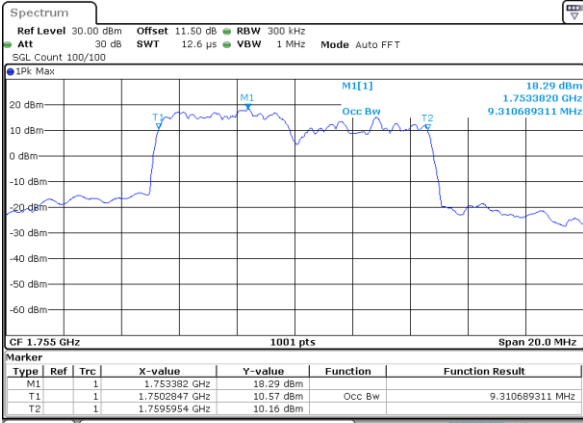
Date: 8\_SEP.2022 13:50:45



LTE Band 66B

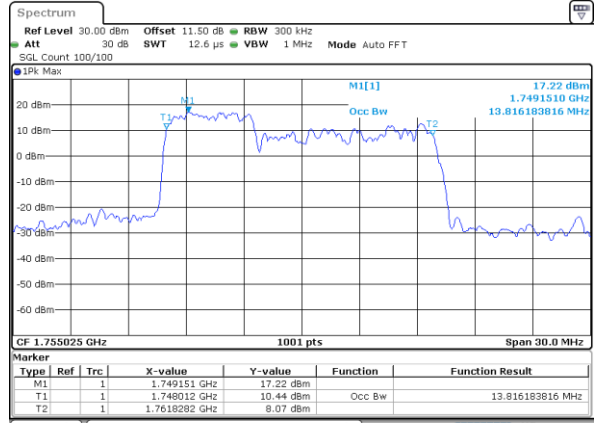
256QAM

Middle Channel / 5MHz+5MHz



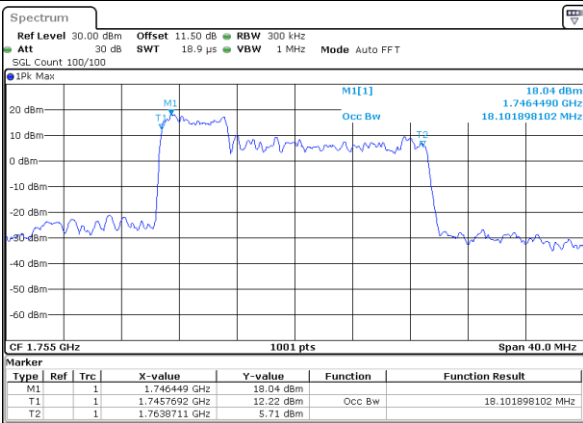
Date: 8\_SEP.2022 14:09:20

Middle Channel / 5MHz+10MHz



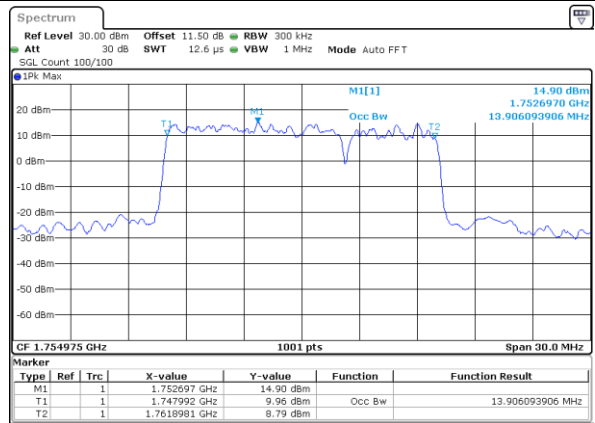
Date: 8\_SEP.2022 14:31:27

Middle Channel / 5MHz+15MHz



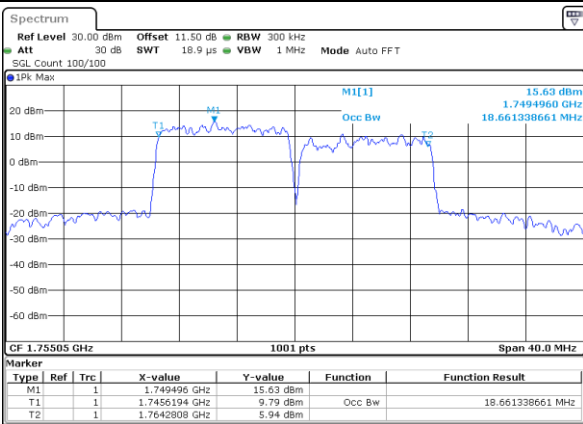
Date: 8\_SEP.2022 14:51:33

Middle Channel / 10MHz+5MHz



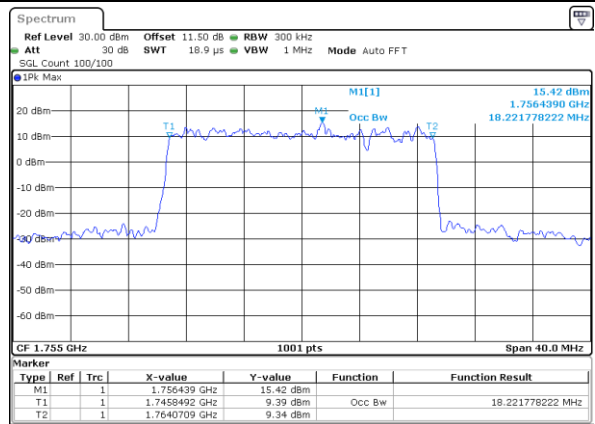
Date: 8\_SEP.2022 14:38:08

Middle Channel / 10MHz+10MHz



Date: 8\_SEP.2022 14:44:46

Middle Channel / 15MHz+5MHz



Date: 8\_SEP.2022 14:58:14



**Conducted Band Edge**

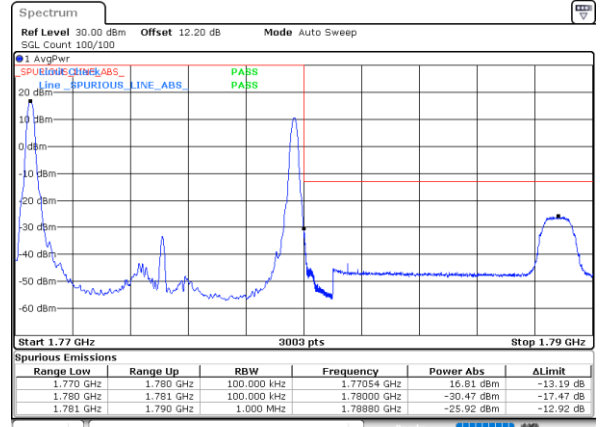
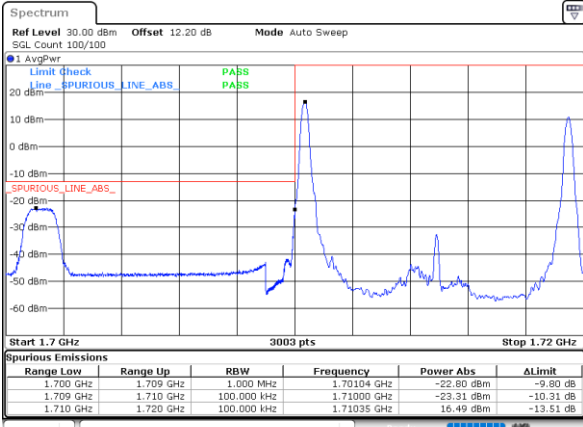


LTE Band 66B / 5MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

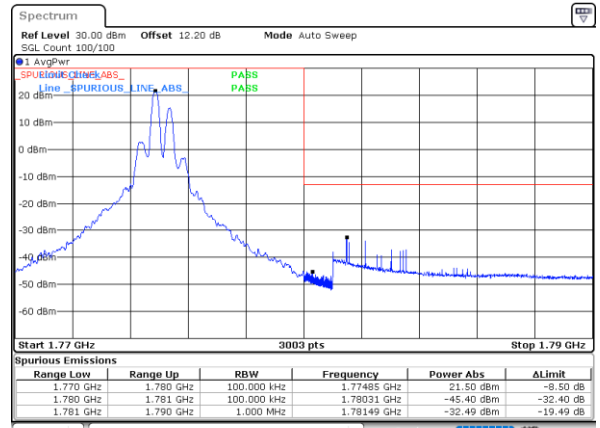
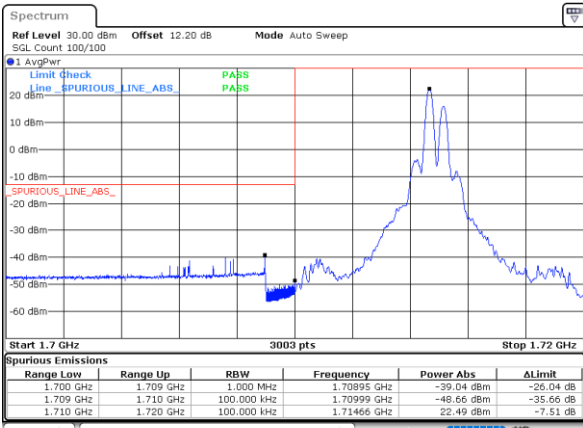


Date: 5.OCT.2022 14:29:03

Date: 5.OCT.2022 14:17:37

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

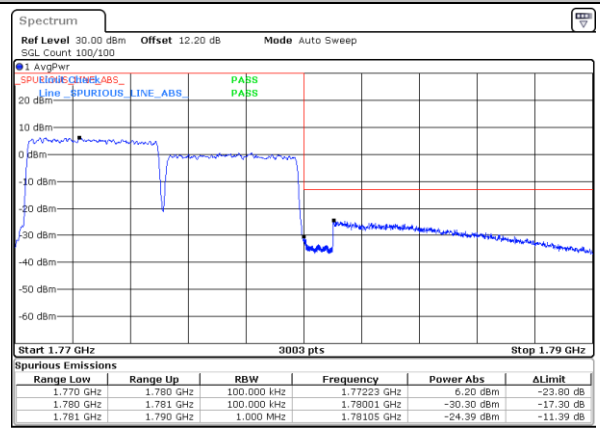
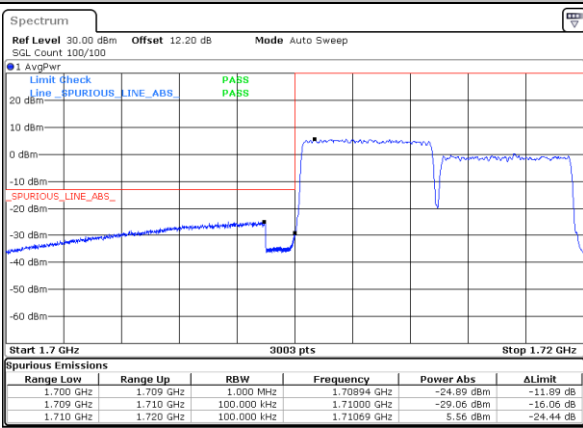


Date: 5.OCT.2022 14:25:16

Date: 5.OCT.2022 14:21:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.OCT.2022 14:32:50

Date: 5.OCT.2022 14:13:51

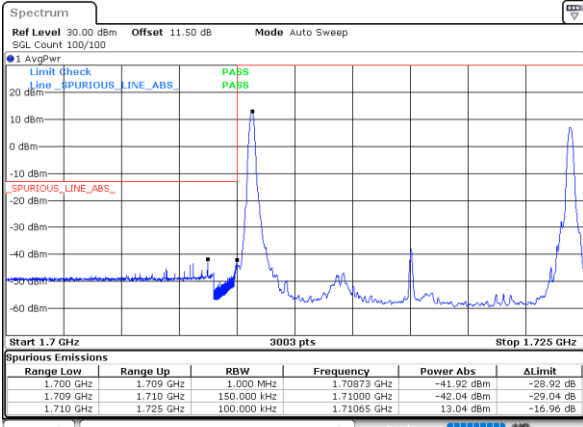


LTE Band 66B / 5MHz+10MHz

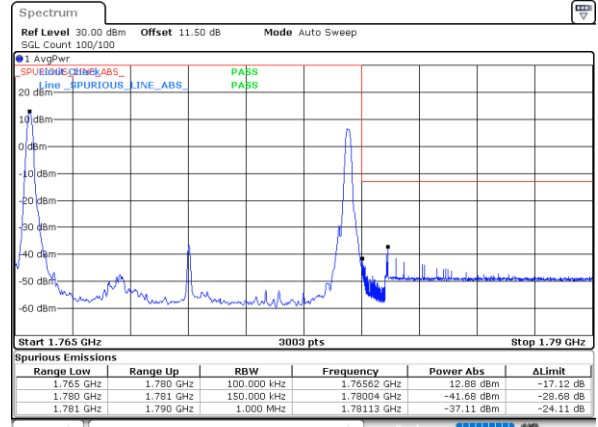
QPSK

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14



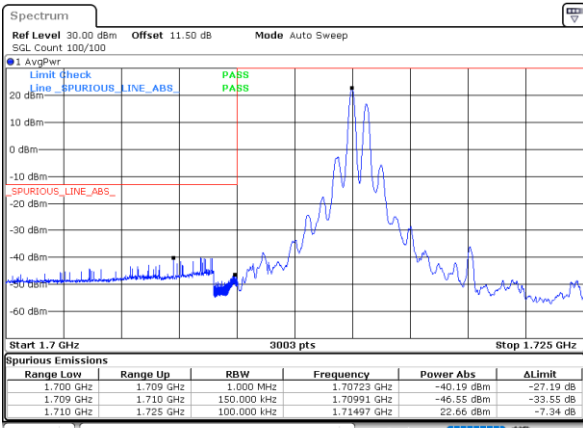
Date: 8\_SEP.2022 10:59:28



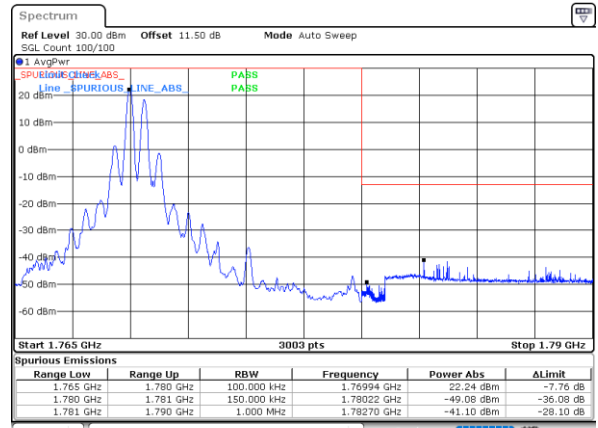
Date: 8\_SEP.2022 11:13:25

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



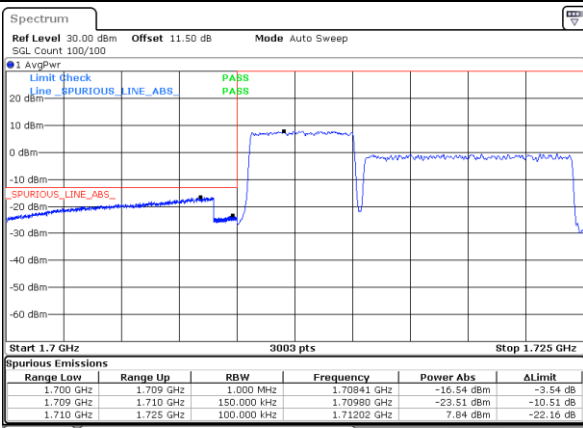
Date: 8\_SEP.2022 11:00:25



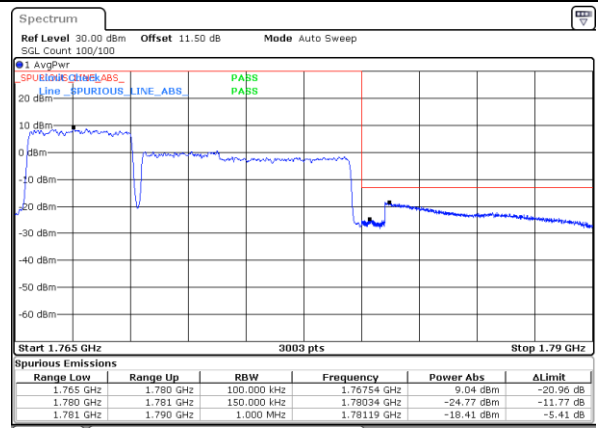
Date: 8\_SEP.2022 11:18:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8\_SEP.2022 10:54:44



Date: 8\_SEP.2022 11:12:20