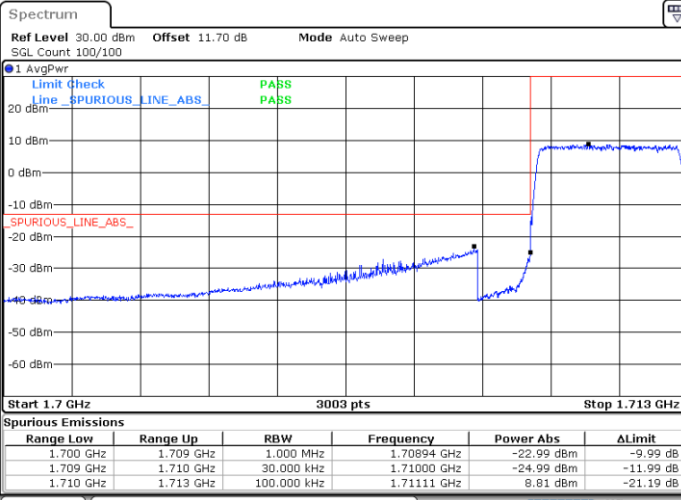




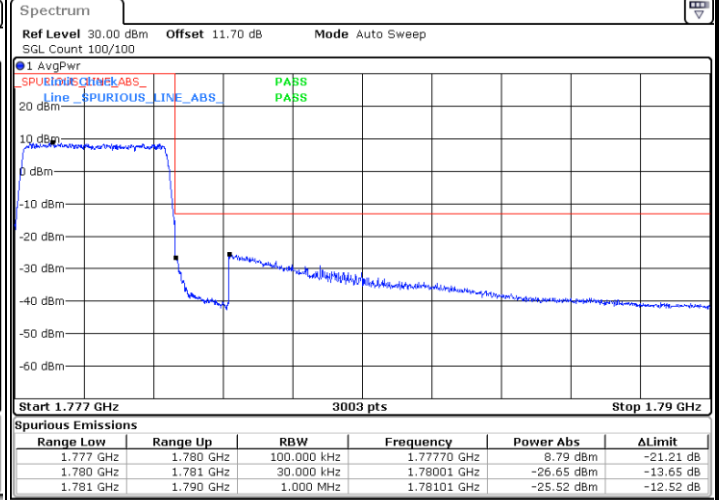
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:08:57

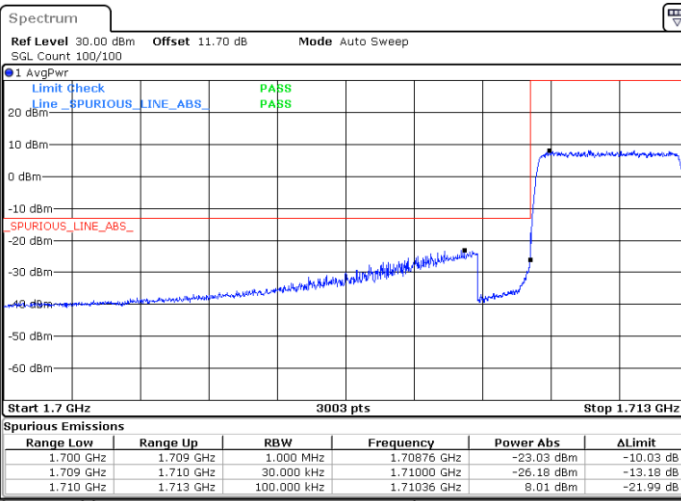
Highest Band Edge / Full RB



Date: 15.MAR.2023 10:13:32

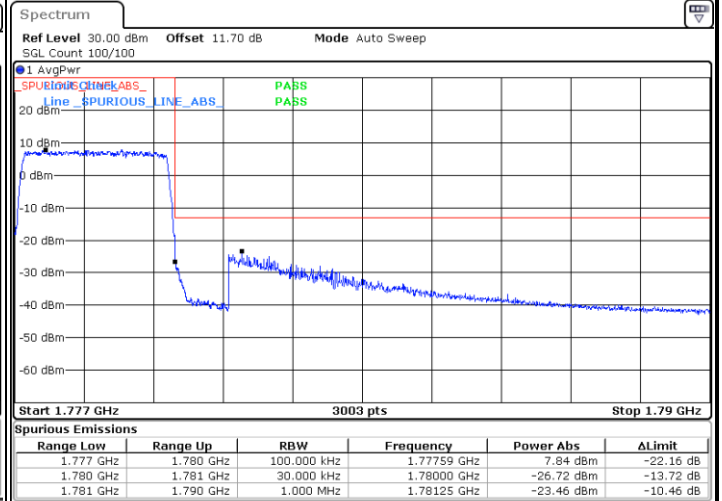
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:10:16

Highest Band Edge / Full RB

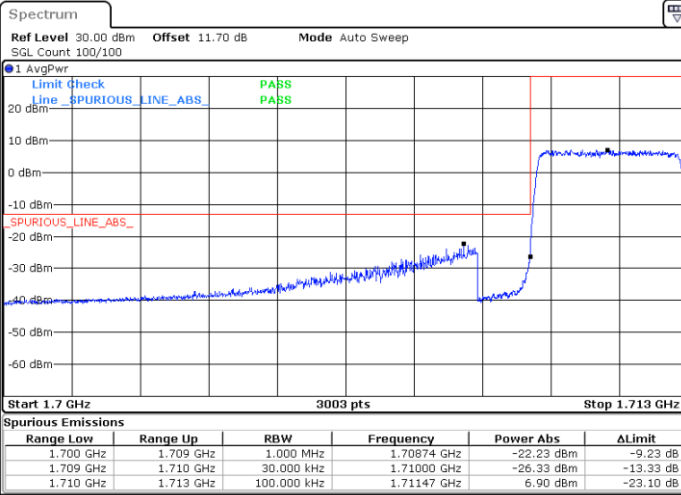


Date: 15.MAR.2023 10:14:51



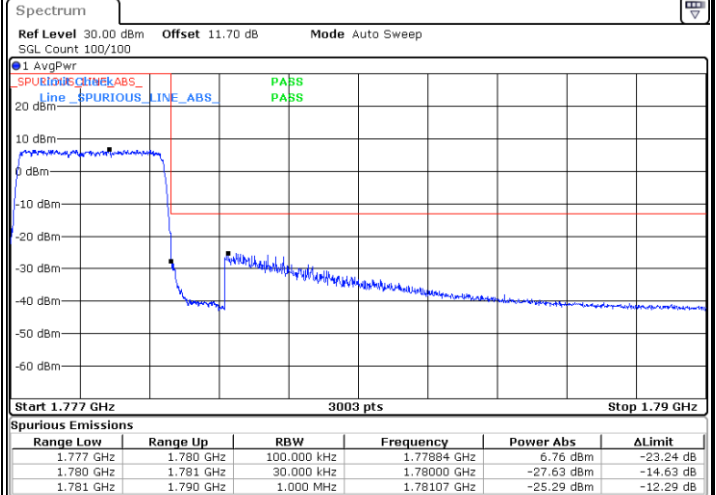
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:16:10

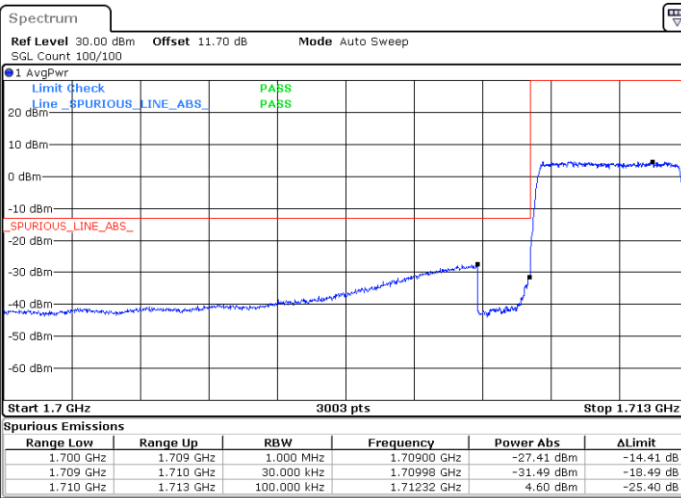
Highest Band Edge / Full RB



Date: 15.MAR.2023 10:18:12

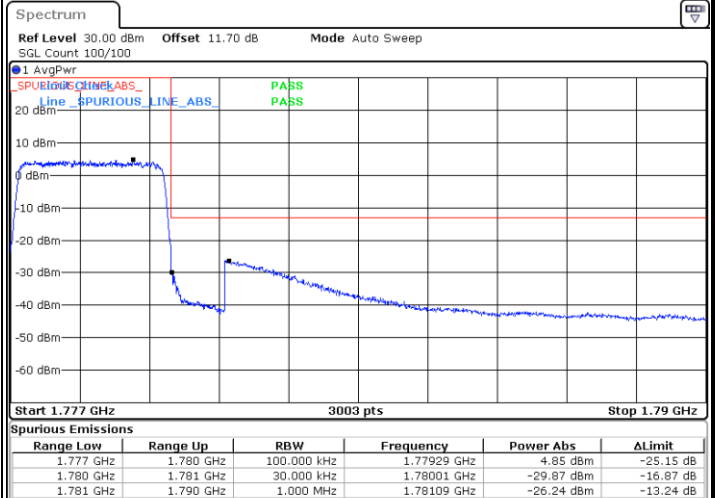
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 11:10:22

Highest Band Edge / Full RB

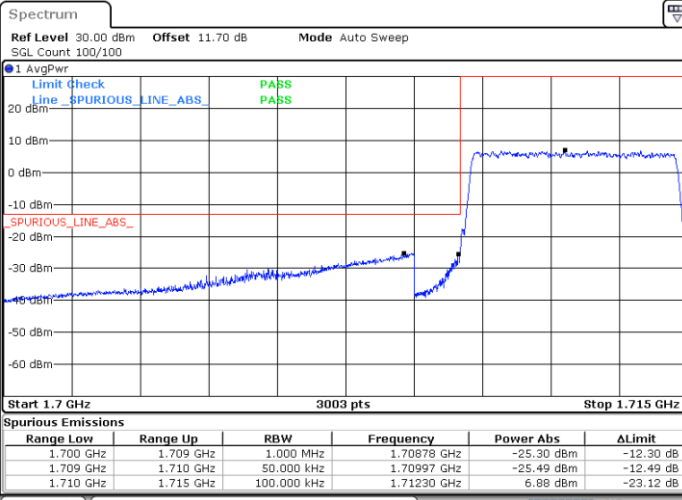


Date: 15.MAR.2023 11:14:34



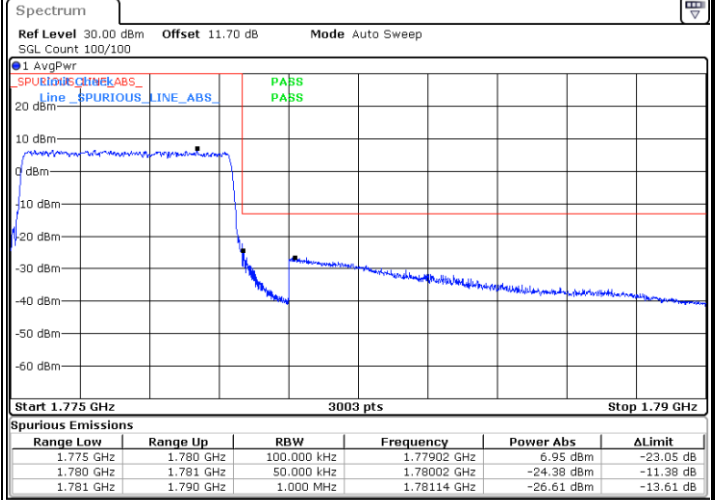
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:22:58

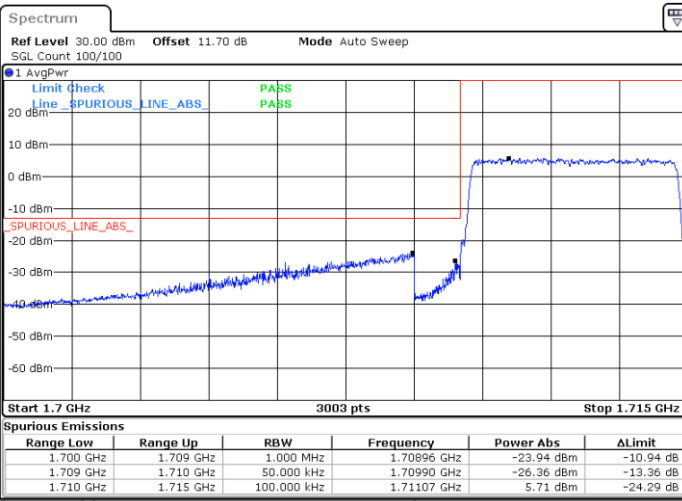
Highest Band Edge / Full RB



Date: 15.MAR.2023 10:27:34

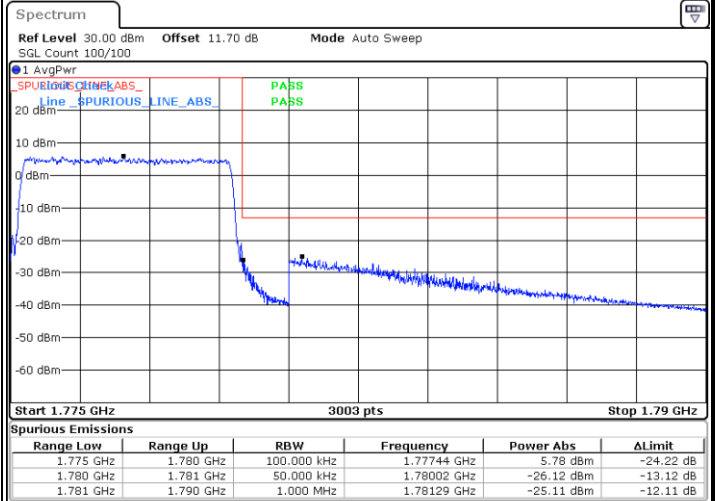
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:24:17

Highest Band Edge / Full RB

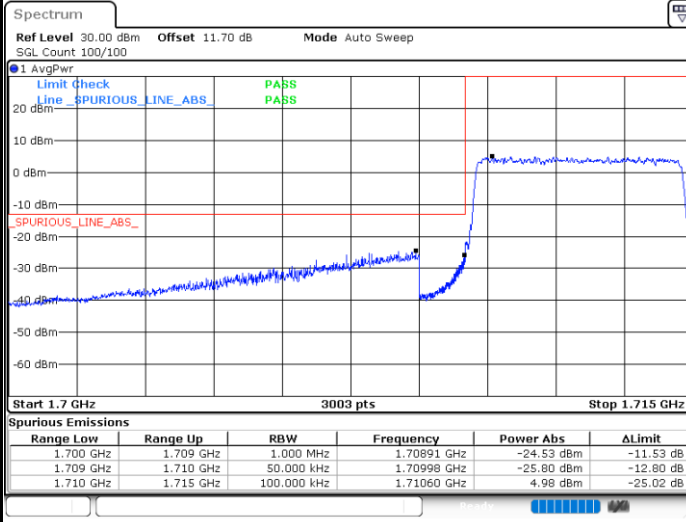


Date: 15.MAR.2023 10:28:53



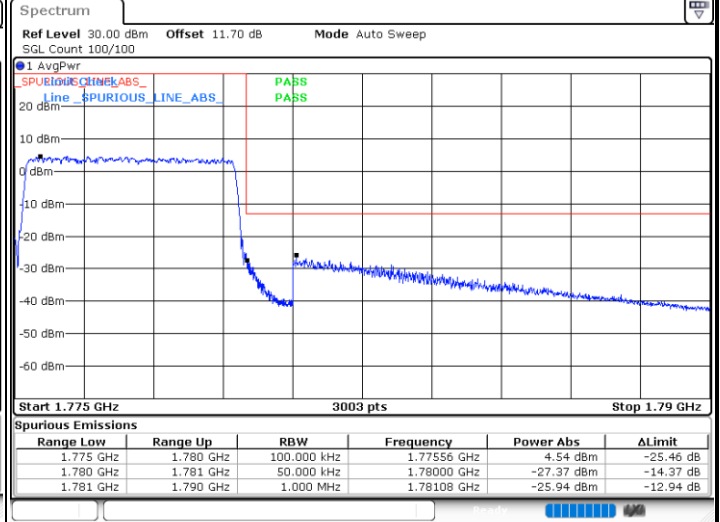
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:19:37

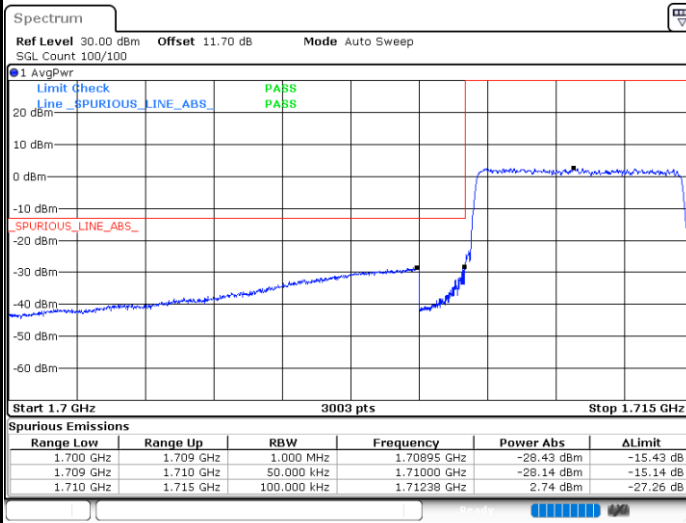
Highest Band Edge / Full RB



Date: 15.MAR.2023 10:21:39

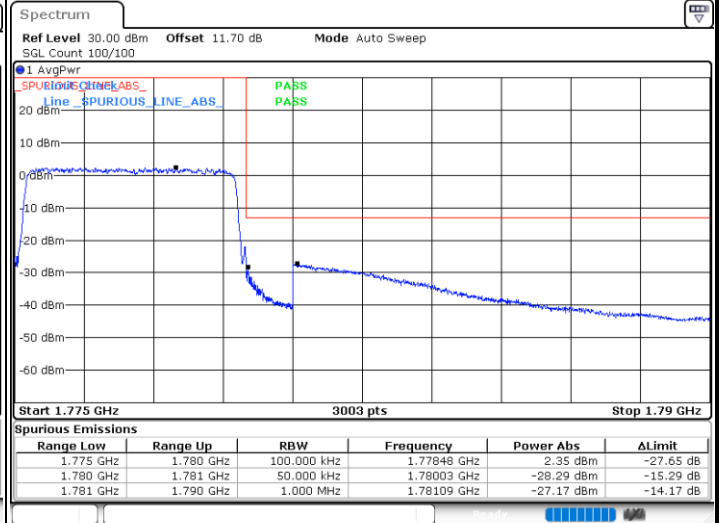
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 11:15:58

Highest Band Edge / Full RB

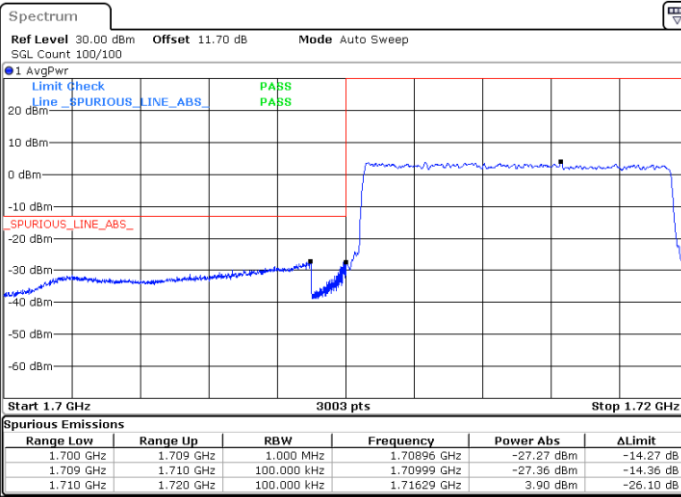


Date: 15.MAR.2023 11:18:01



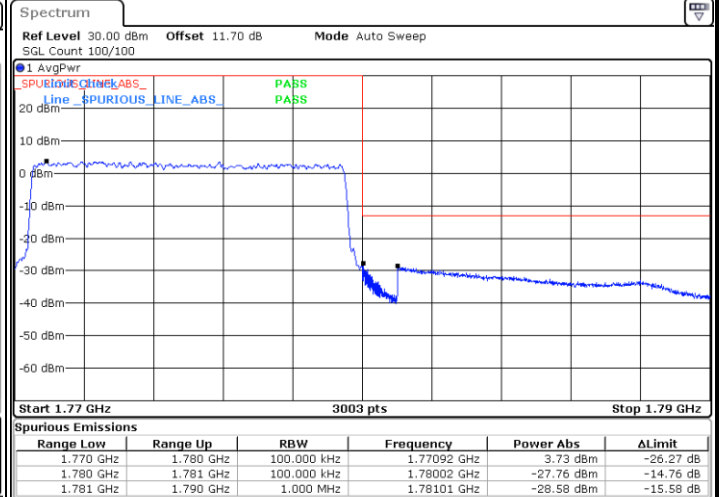
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:30:30

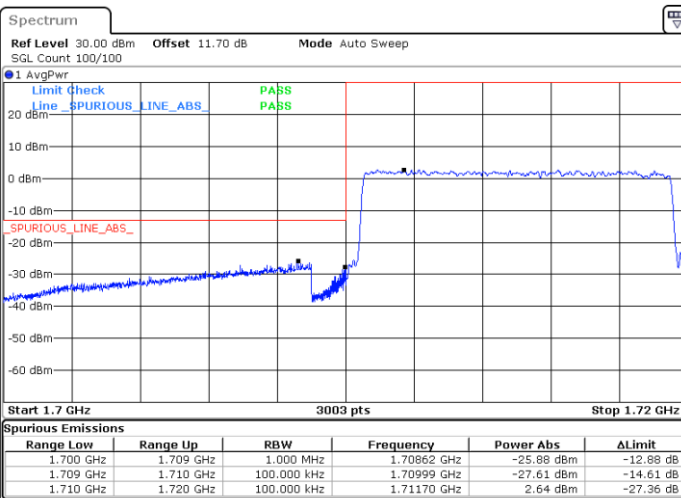
Highest Band Edge / Full RB



Date: 15.MAR.2023 10:35:06

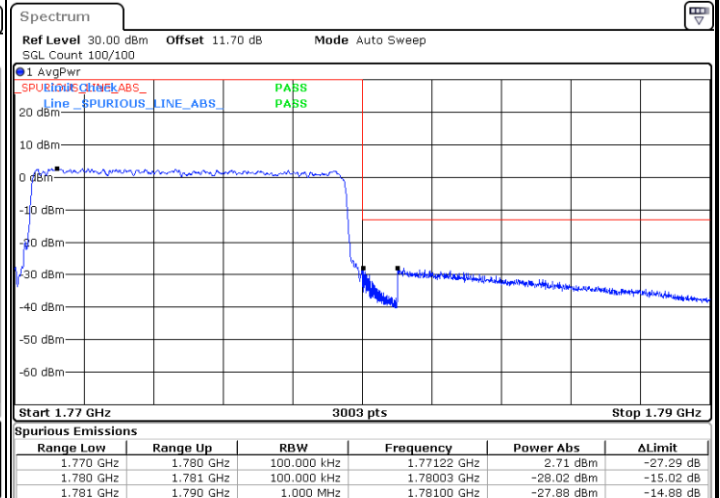
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:31:49

Highest Band Edge / Full RB

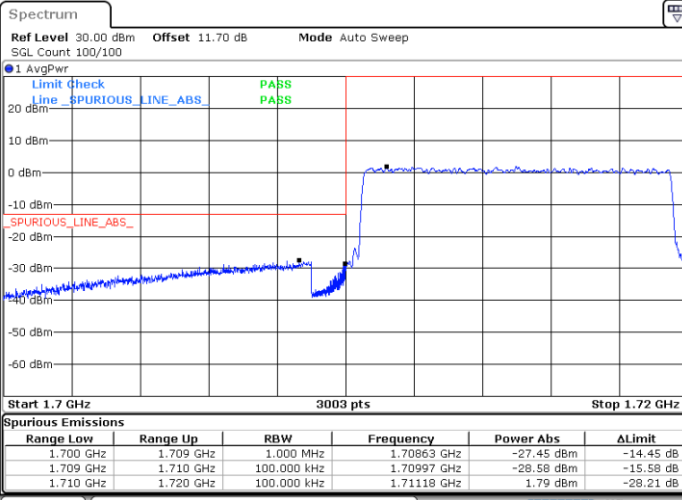


Date: 15.MAR.2023 10:36:25



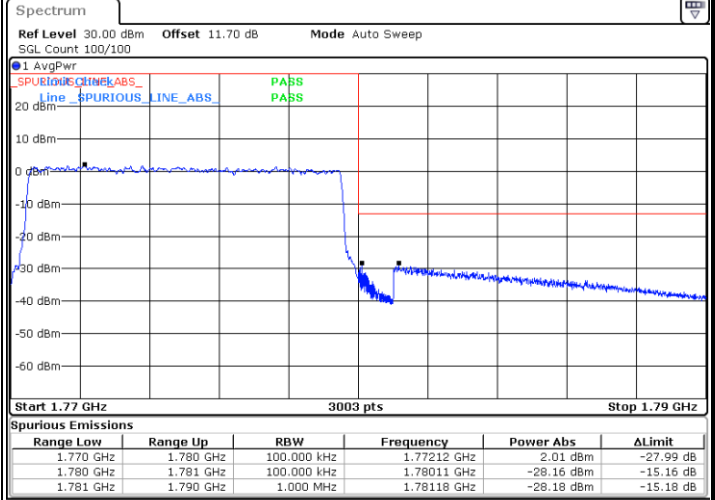
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:37:44

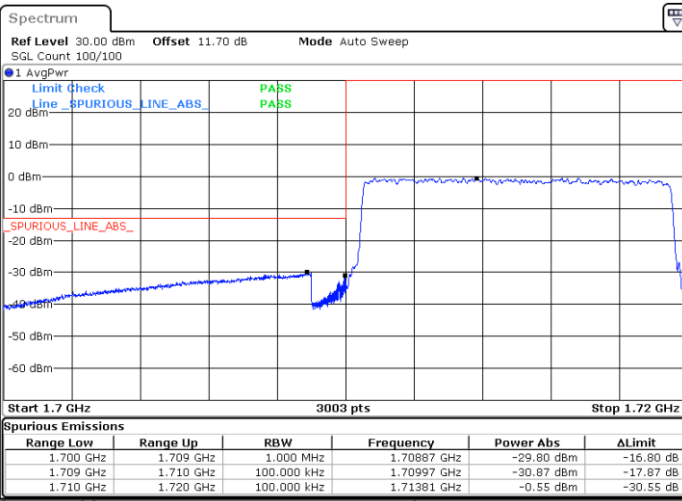
Highest Band Edge / Full RB



Date: 15.MAR.2023 10:39:46

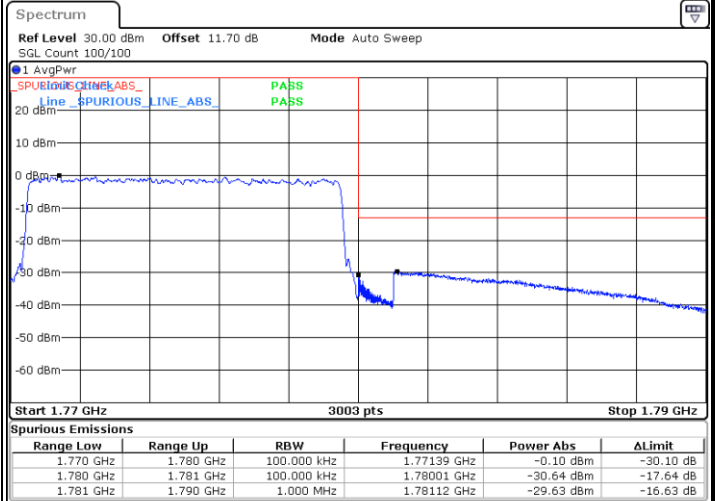
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 11:19:25

Highest Band Edge / Full RB

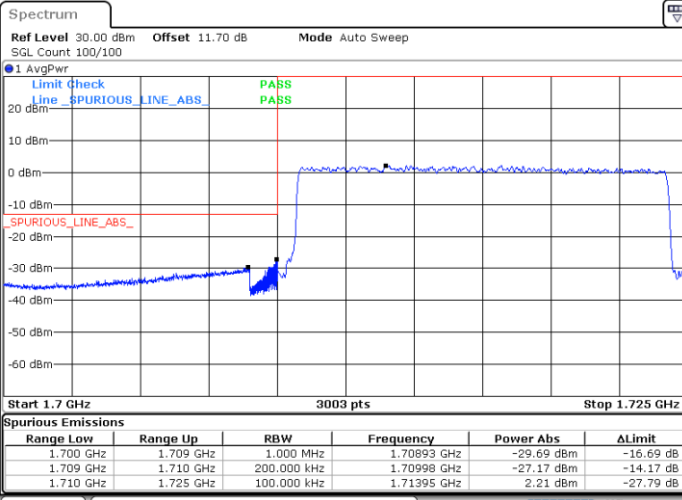


Date: 15.MAR.2023 11:21:27



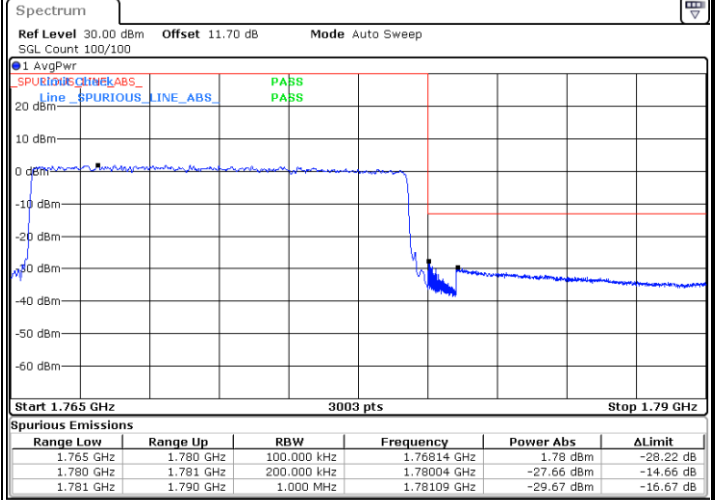
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:44:31

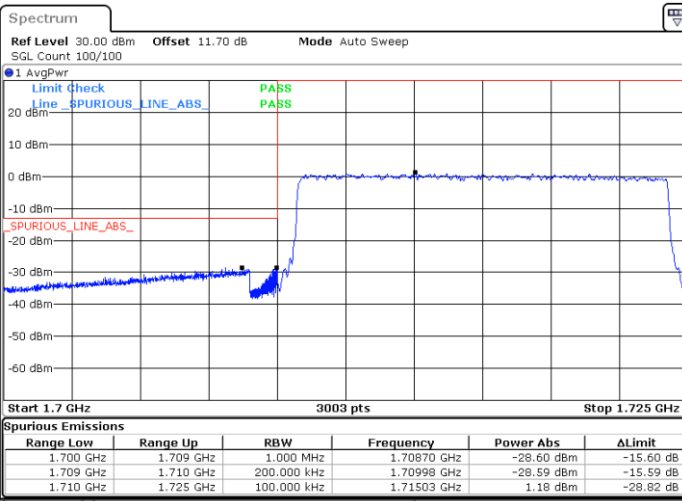
Highest Band Edge / Full RB



Date: 15.MAR.2023 10:49:07

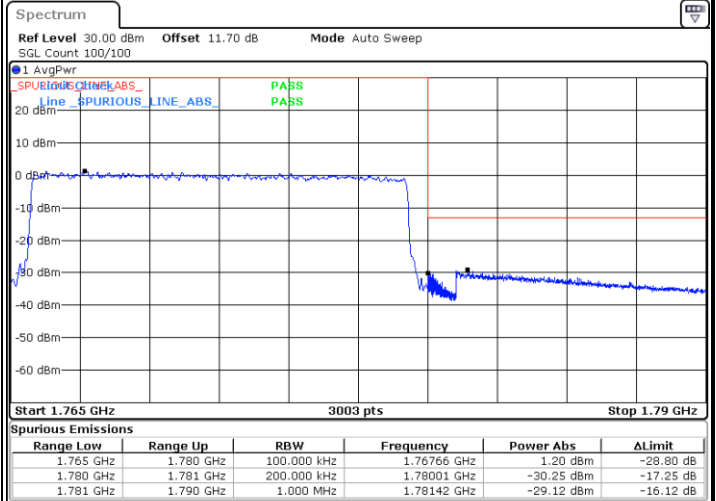
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:45:50

Highest Band Edge / Full RB

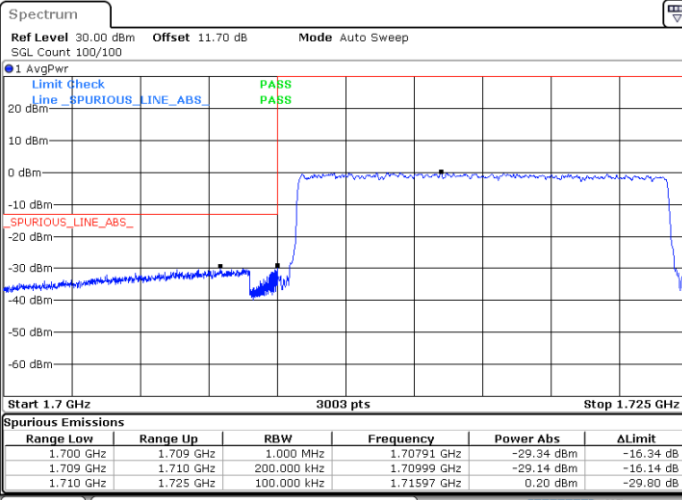


Date: 15.MAR.2023 10:50:26



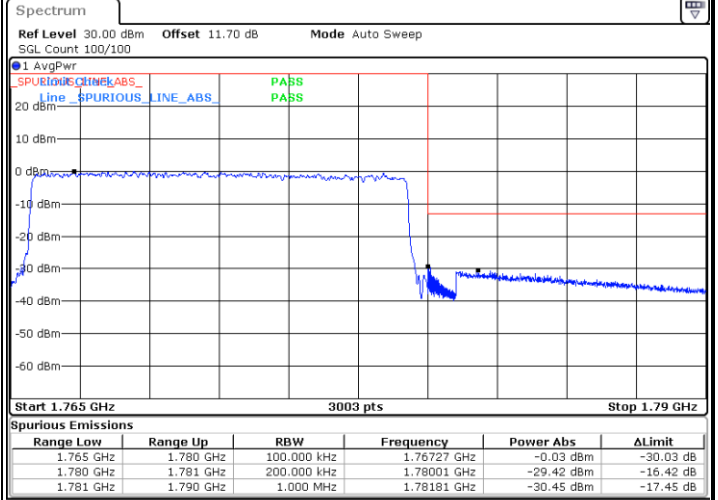
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:41:11

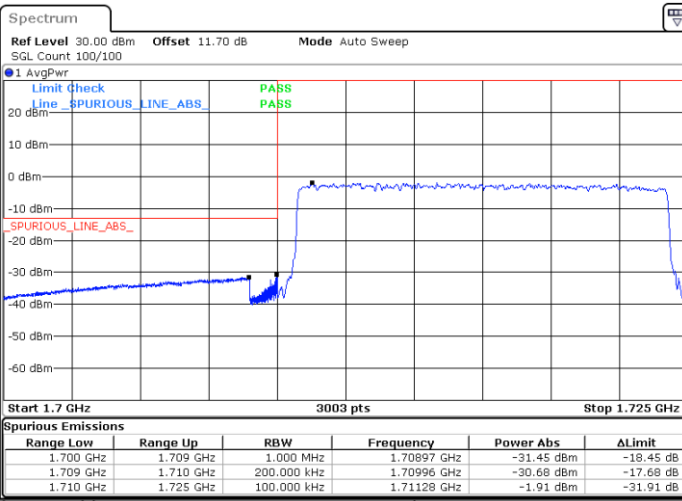
Highest Band Edge / Full RB



Date: 15.MAR.2023 10:43:13

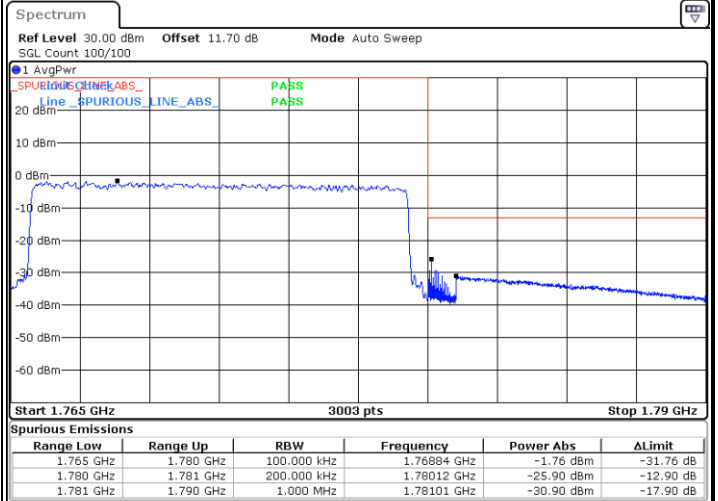
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 11:22:51

Highest Band Edge / Full RB



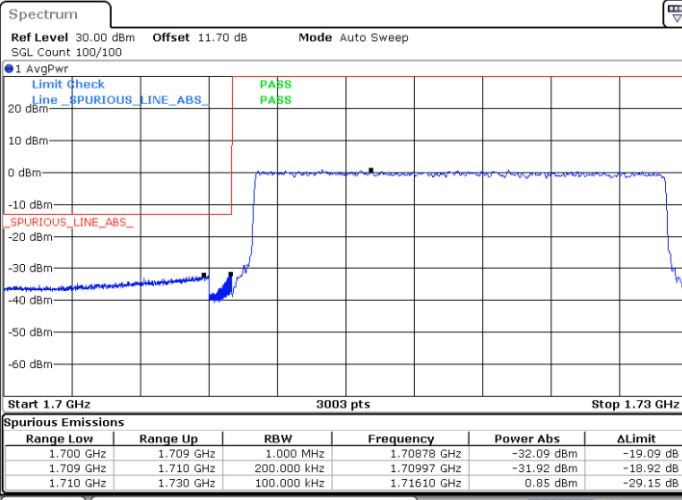
Date: 15.MAR.2023 11:27:00





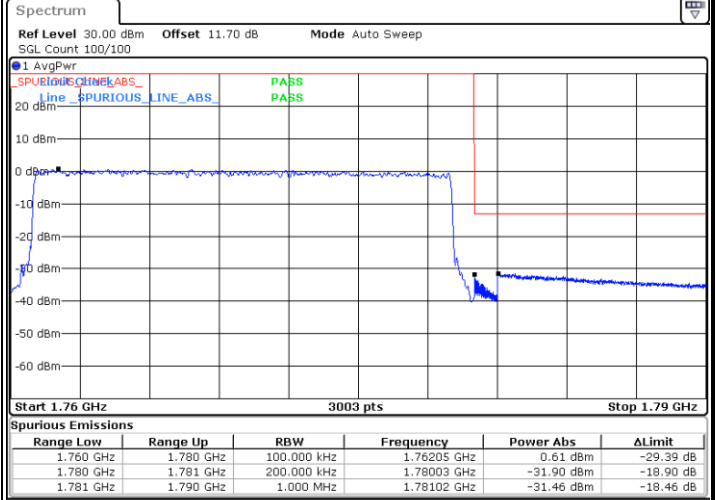
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:52:03

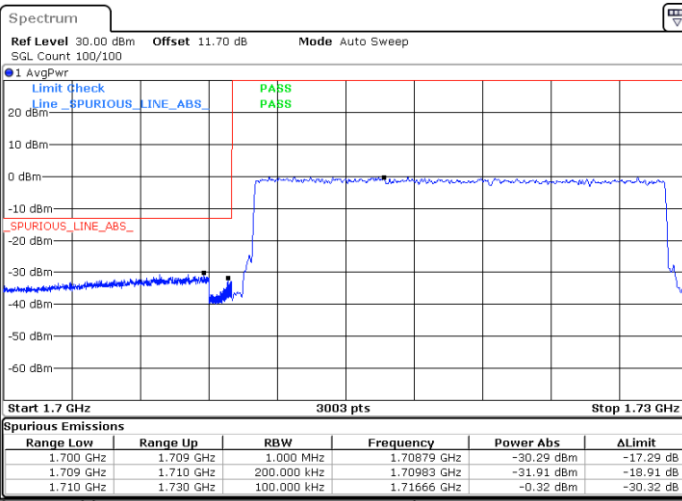
Highest Band Edge / Full RB



Date: 15.MAR.2023 10:56:42

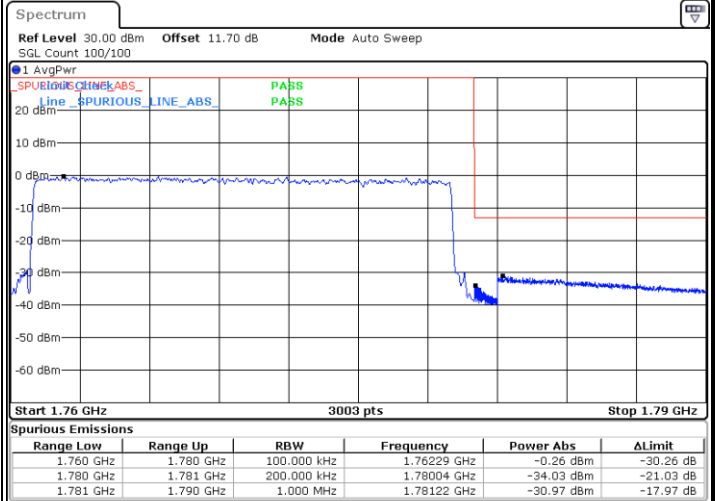
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:53:24

Highest Band Edge / Full RB

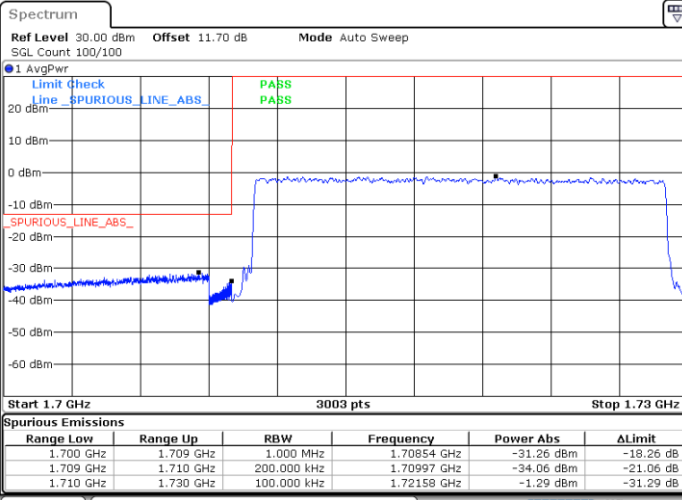


Date: 15.MAR.2023 10:58:01



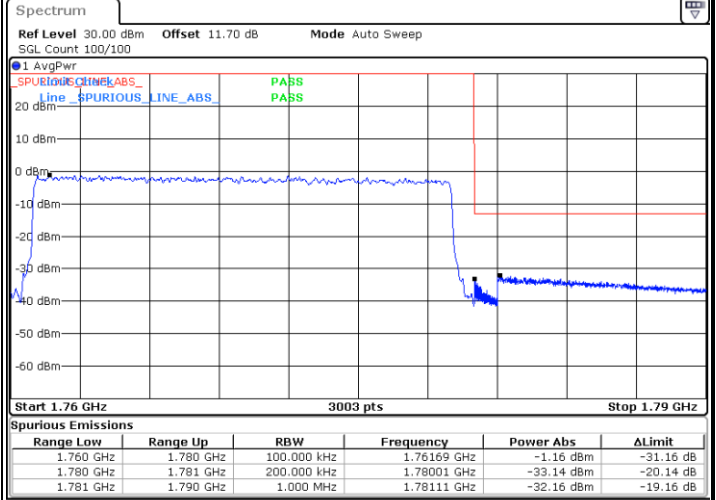
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 10:59:20

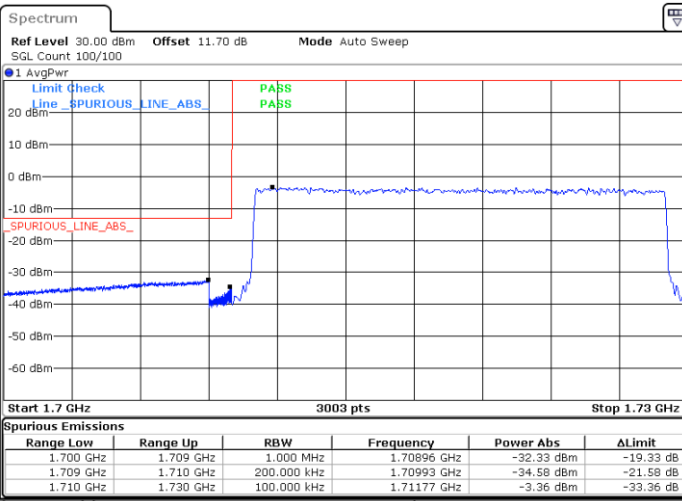
Highest Band Edge / Full RB



Date: 15.MAR.2023 11:01:22

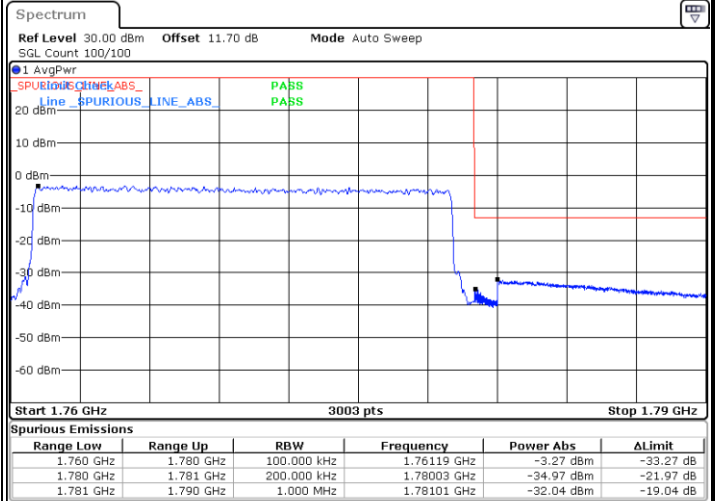
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 15.MAR.2023 11:28:24

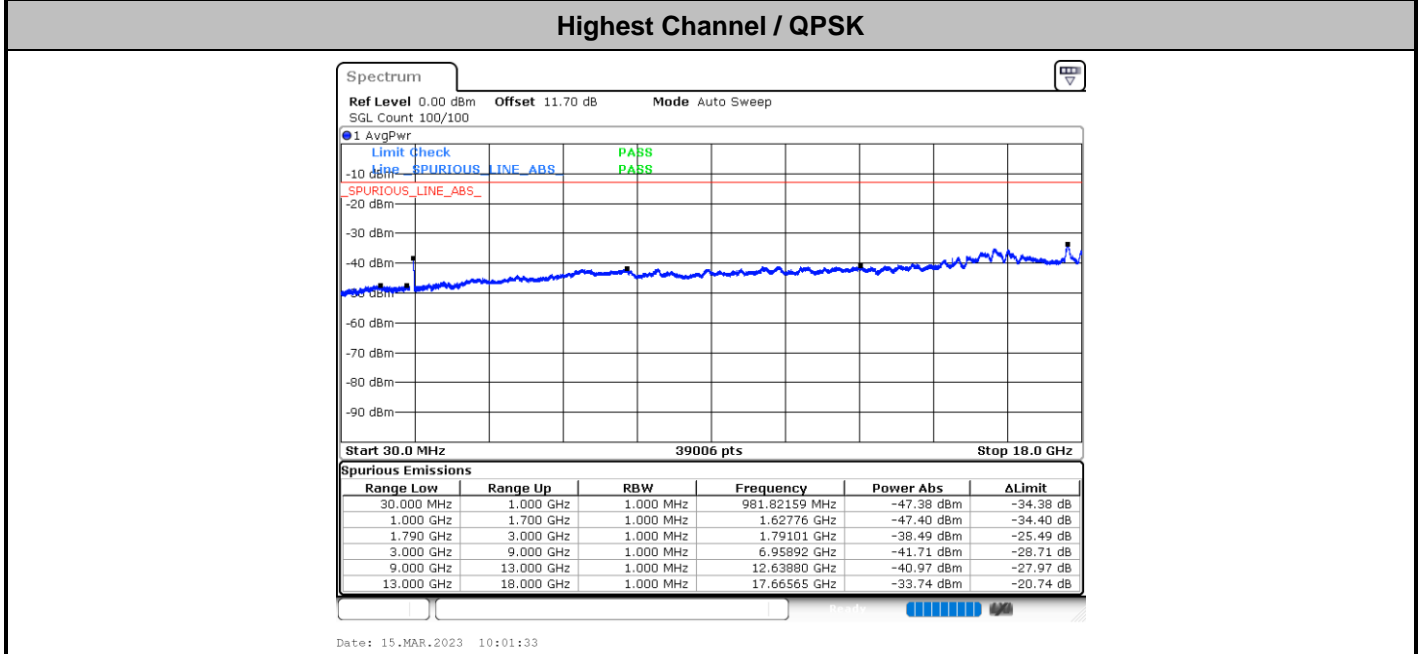
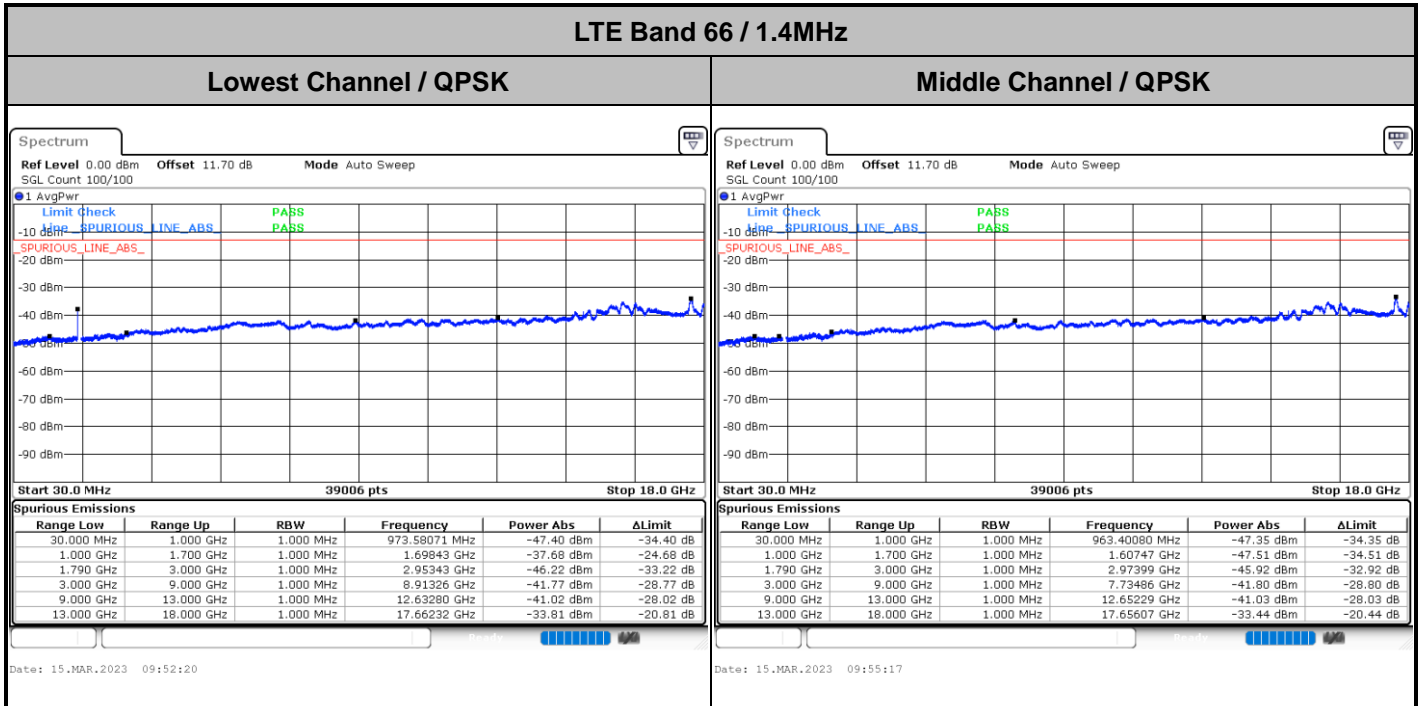
Highest Band Edge / Full RB



Date: 15.MAR.2023 11:30:26



# Conducted Spurious Emission

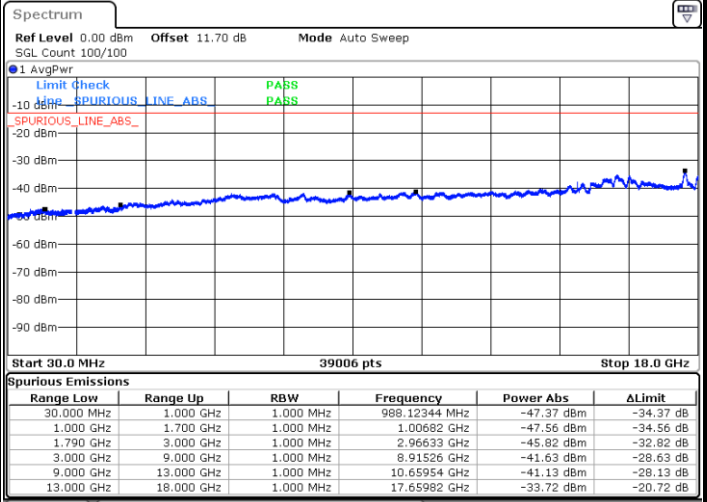
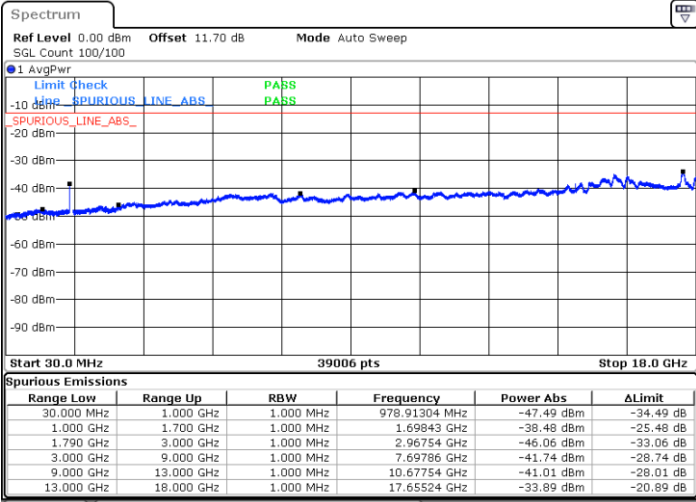




LTE Band 66 / 3MHz

Lowest Channel / QPSK

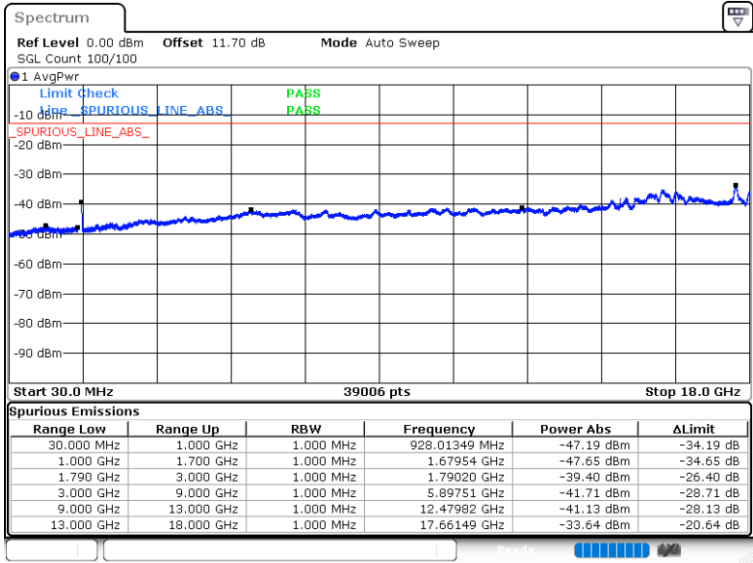
Middle Channel / QPSK



Date: 15.MAR.2023 11:32:01

Date: 15.MAR.2023 11:32:59

Highest Channel / QPSK



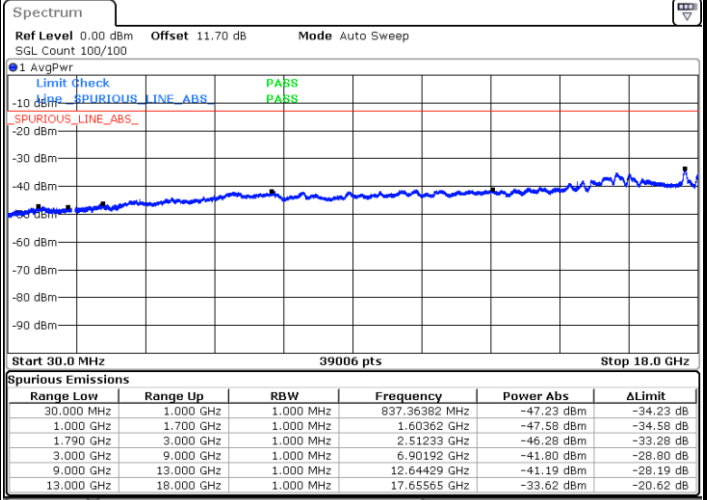
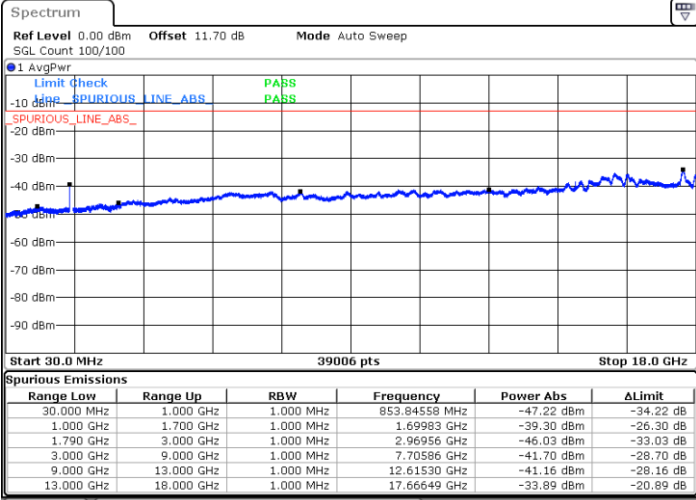
Date: 15.MAR.2023 11:33:58



LTE Band 66 / 5MHz

Lowest Channel / QPSK

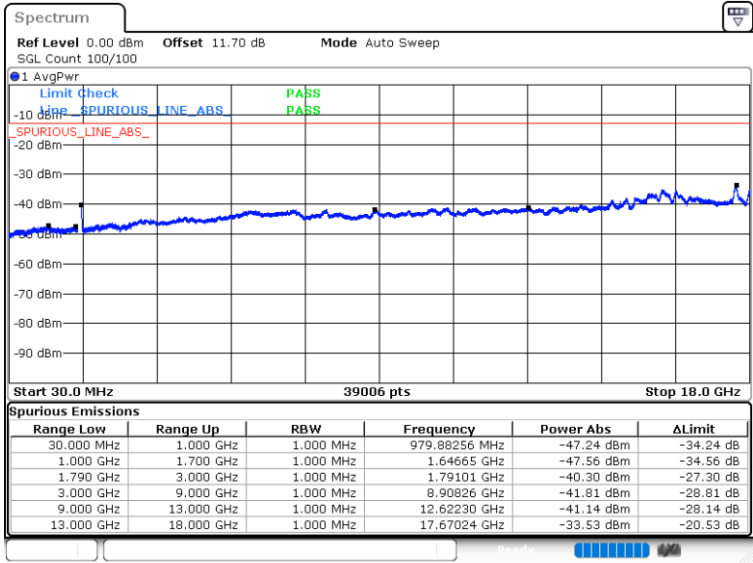
Middle Channel / QPSK



Date: 15.MAR.2023 11:35:01

Date: 15.MAR.2023 11:36:01

Highest Channel / QPSK



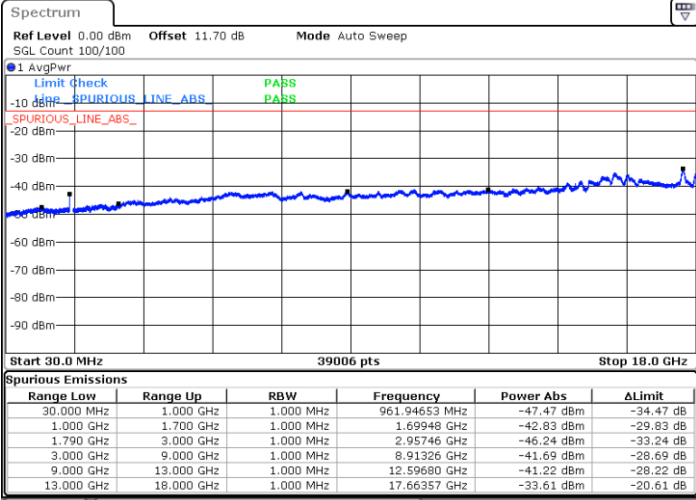
Date: 15.MAR.2023 11:37:01



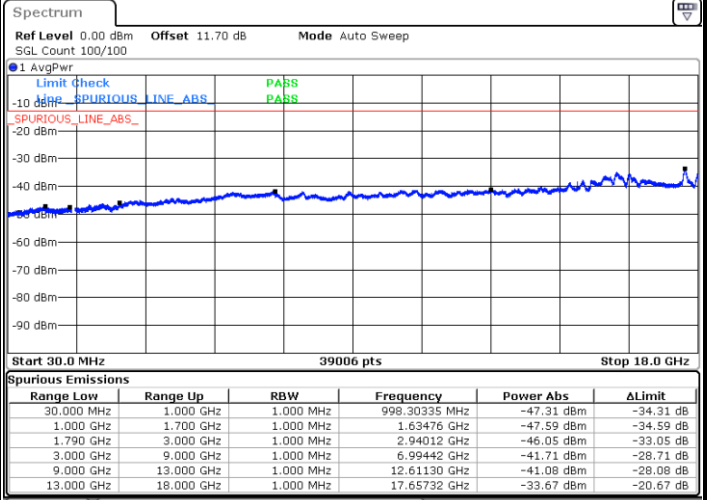
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

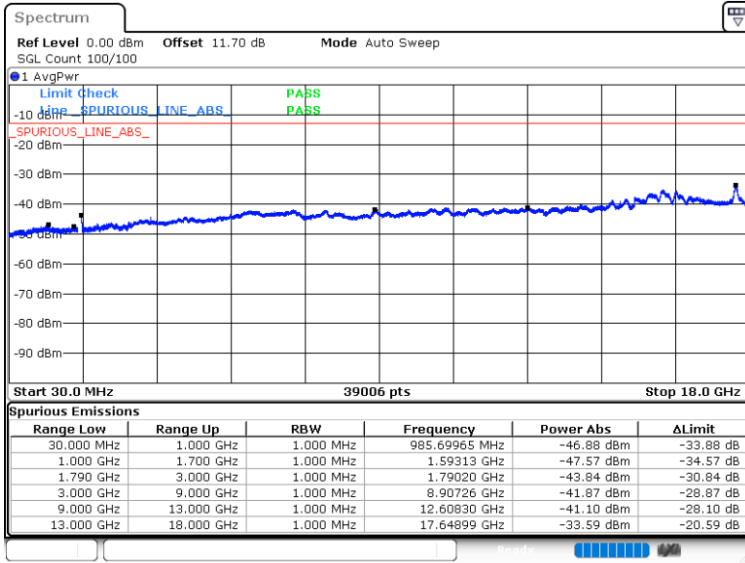


Date: 15.MAR.2023 11:38:04



Date: 15.MAR.2023 11:39:03

Highest Channel / QPSK



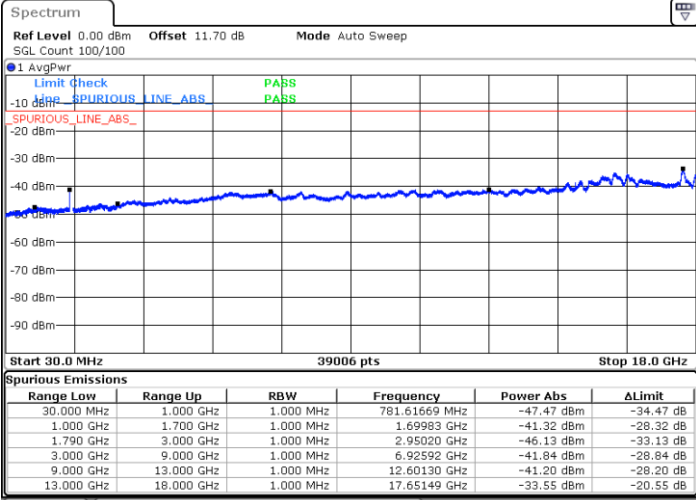
Date: 15.MAR.2023 11:40:01



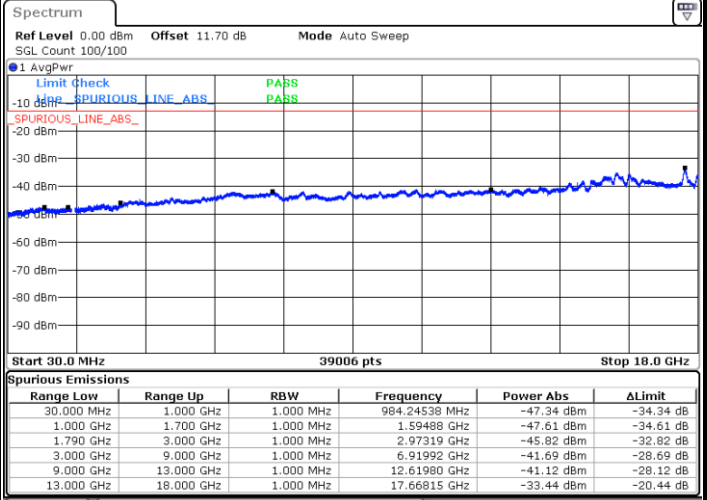
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

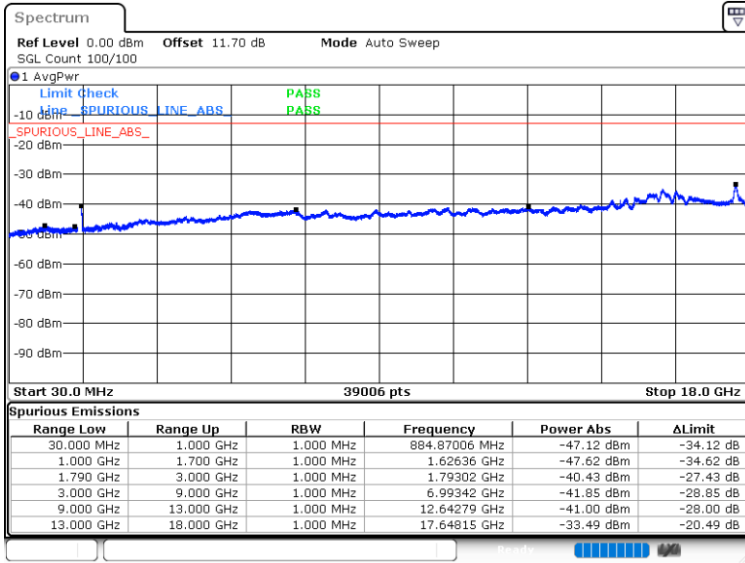


Date: 15.MAR.2023 11:41:05



Date: 15.MAR.2023 11:42:03

Highest Channel / QPSK



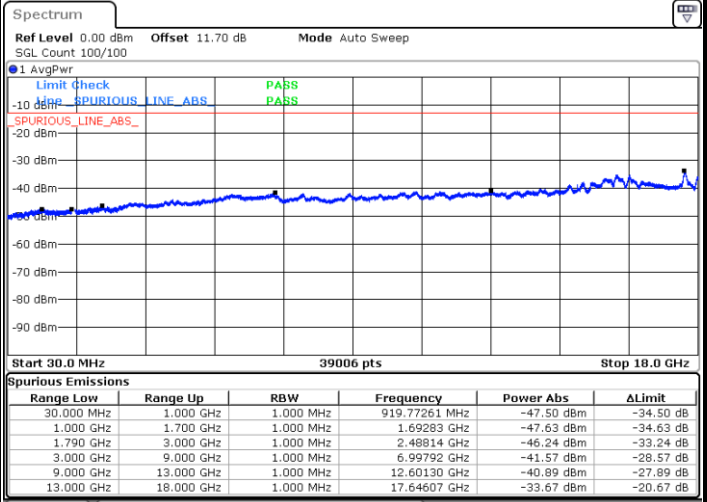
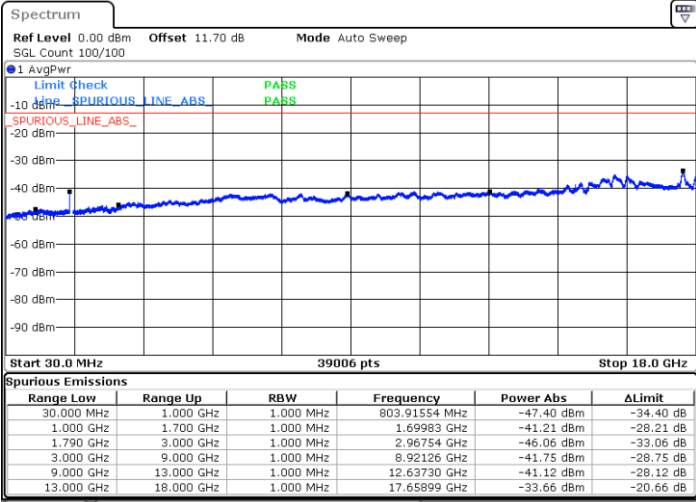
Date: 15.MAR.2023 11:43:02



LTE Band 66 / 20MHz

Lowest Channel / QPSK

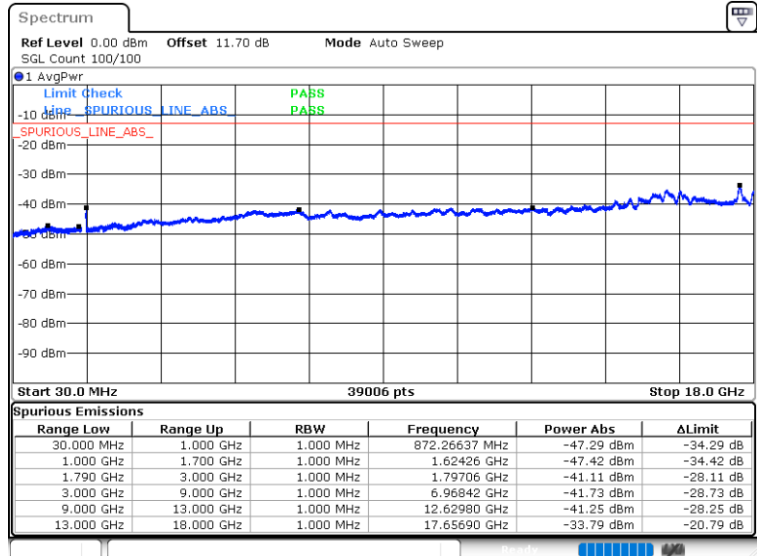
Middle Channel / QPSK



Date: 15.MAR.2023 11:44:05

Date: 15.MAR.2023 11:45:03

Highest Channel / QPSK



Date: 15.MAR.2023 11:46:01





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	0.0108	PASS
40	Normal Voltage	0.0077	
30	Normal Voltage	0.0099	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0095	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0107	
-20	Normal Voltage	0.0057	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0094	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 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	10.31	15.11	19.26
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.96	19.70	19.02

Mode	LTE Band 66B : 26dB BW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.31	14.87	18.86
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	15.20	19.94	19.34

Mode	LTE Band 66B : 26dB BW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.01	14.63	19.10
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.66	9.83	19.10

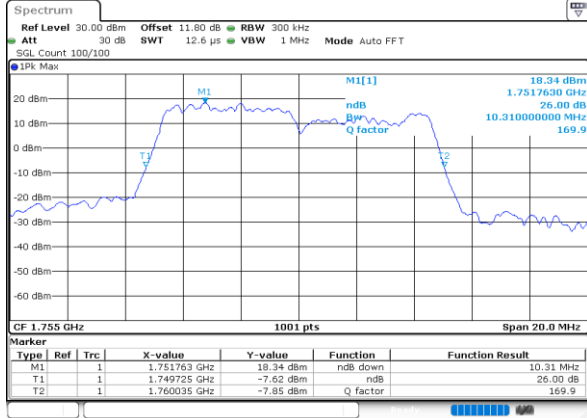
Mode	LTE Band 66B : 26dB BW(MHz)		
256QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	10.15	14.81	18.94
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	14.78	19.58	19.02



LTE Band 66B

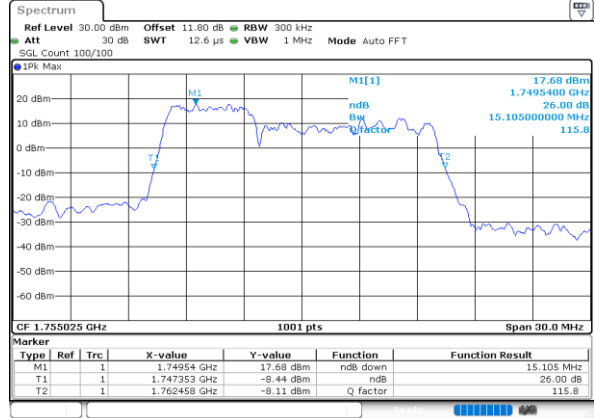
QPSK

Middle Channel / 5MHz+5MHz



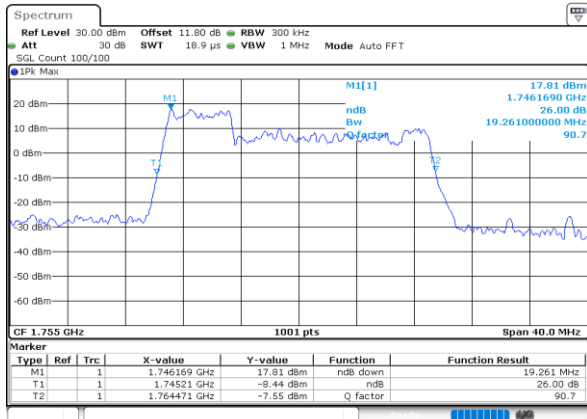
Date: 17.FEB.2023 01:49:13

Middle Channel / 5MHz+10MHz



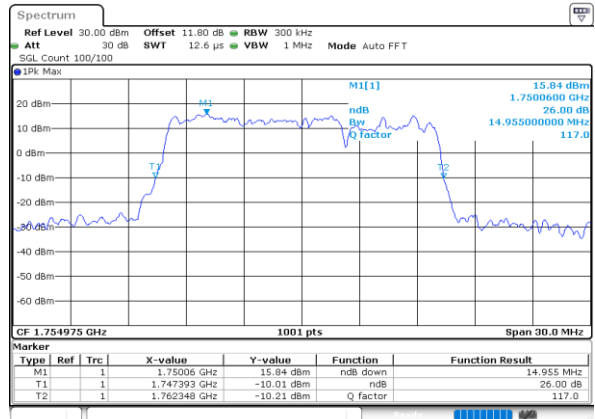
Date: 17.FEB.2023 02:20:56

Middle Channel / 5MHz+15MHz



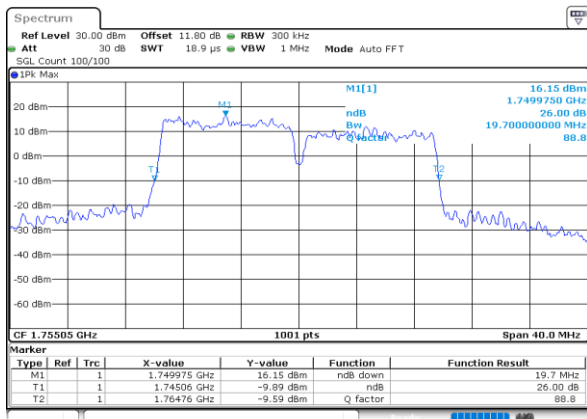
Date: 17.FEB.2023 03:56:44

Middle Channel / 10MHz+5MHz



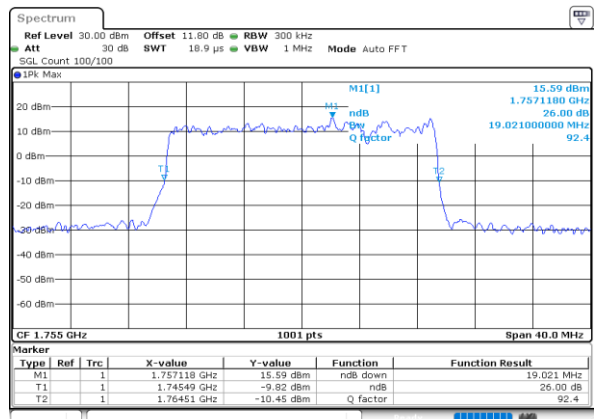
Date: 17.FEB.2023 02:53:45

Middle Channel / 10MHz+10MHz



Date: 17.FEB.2023 03:24:56

Middle Channel / 15MHz+5MHz



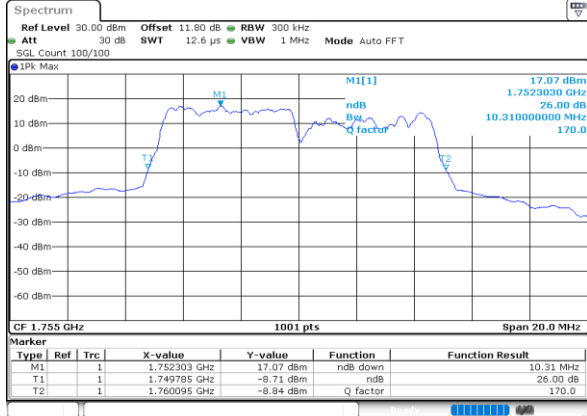
Date: 17.FEB.2023 04:29:28



LTE Band 66B

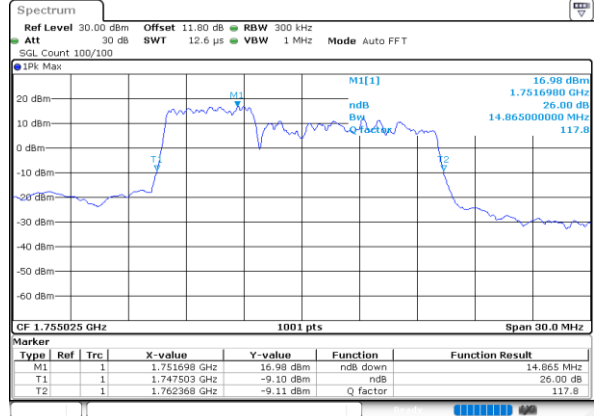
16QAM

Middle Channel / 5MHz+5MHz



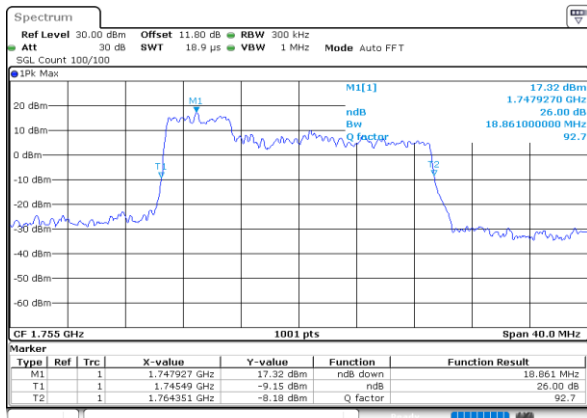
Date: 17.FEB.2023 01:46:42

Middle Channel / 5MHz+10MHz



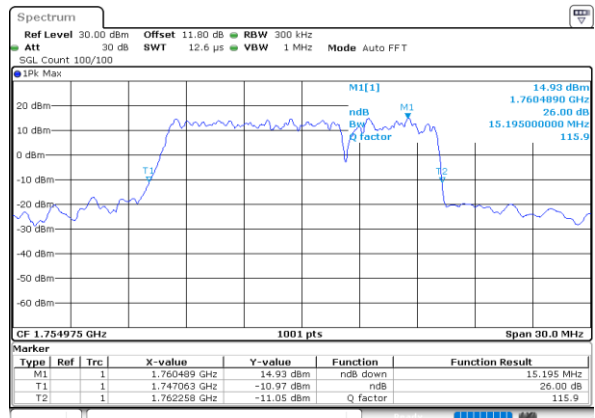
Date: 17.FEB.2023 02:20:19

Middle Channel / 5MHz+15MHz



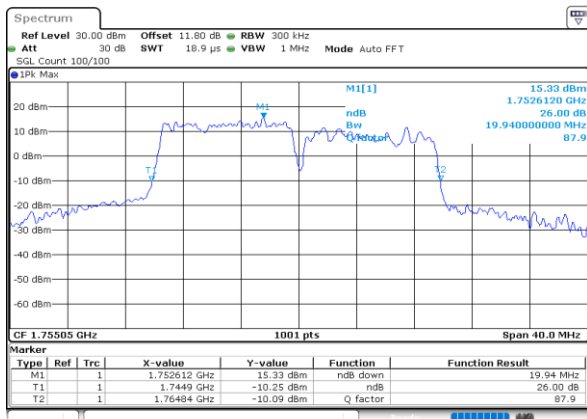
Date: 17.FEB.2023 03:16:09

Middle Channel / 10MHz+5MHz



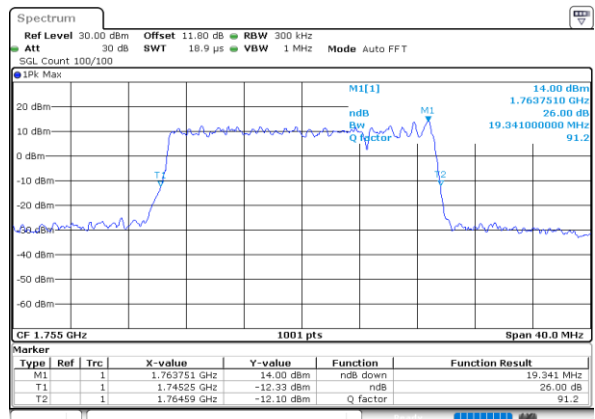
Date: 17.FEB.2023 02:15:09

Middle Channel / 10MHz+10MHz



Date: 17.FEB.2023 03:24:24

Middle Channel / 15MHz+5MHz



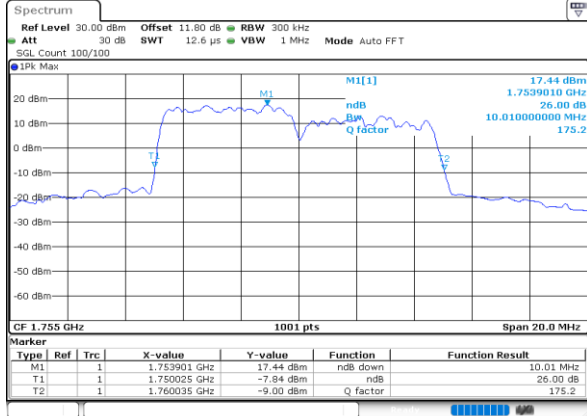
Date: 17.FEB.2023 04:28:51



LTE Band 66B

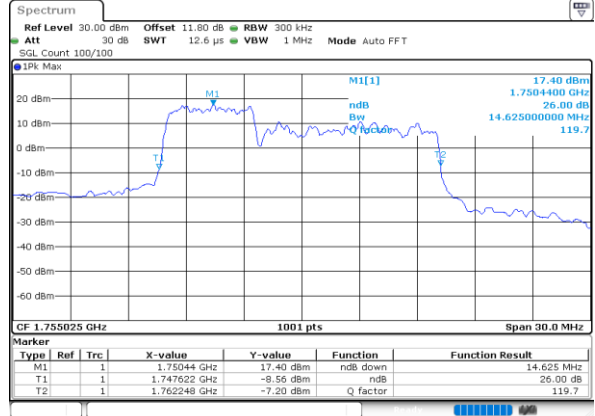
64QAM

Middle Channel / 5MHz+5MHz



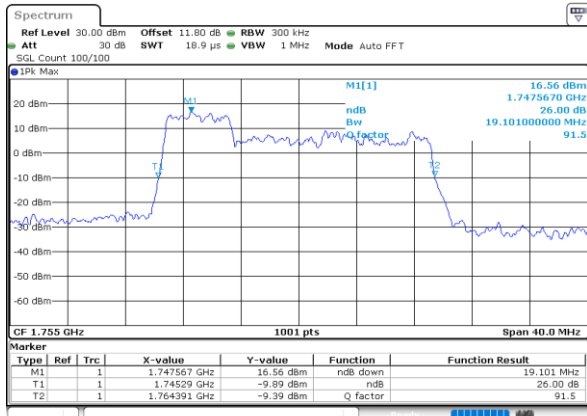
Date: 17.FEB.2023 01:48:11

Middle Channel / 5MHz+10MHz



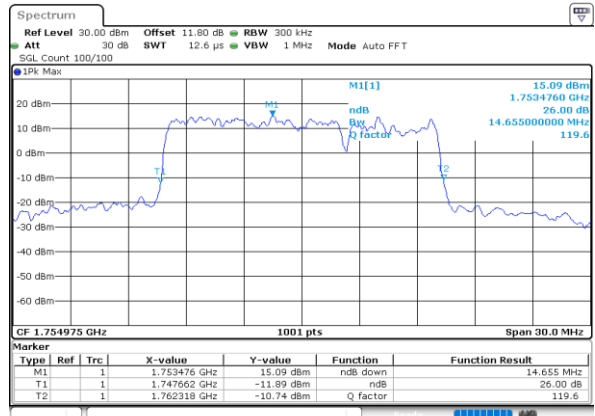
Date: 17.FEB.2023 02:19:42

Middle Channel / 5MHz+15MHz



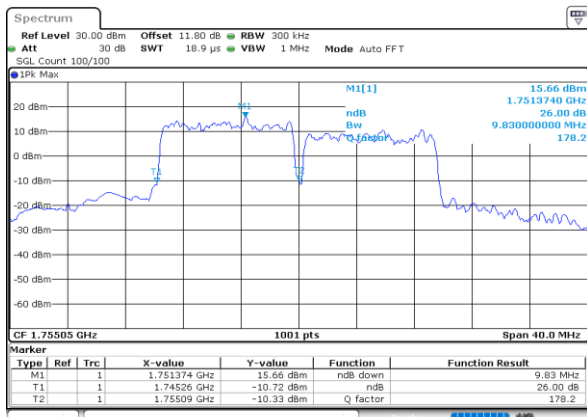
Date: 17.FEB.2023 03:55:32

Middle Channel / 10MHz+5MHz



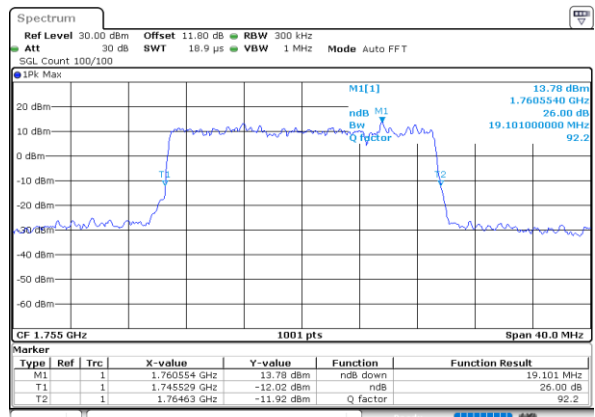
Date: 17.FEB.2023 02:15:32

Middle Channel / 10MHz+10MHz



Date: 17.FEB.2023 03:23:53

Middle Channel / 15MHz+5MHz



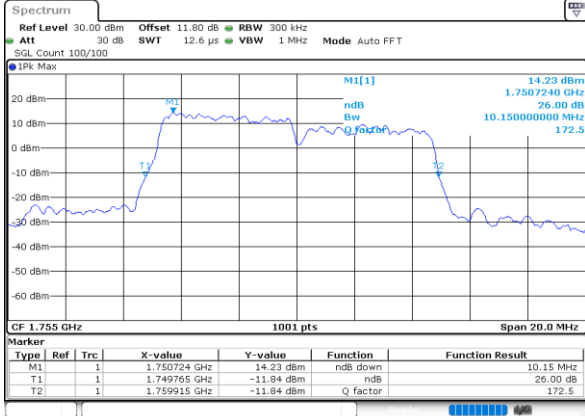
Date: 17.FEB.2023 04:28:14



LTE Band 66B

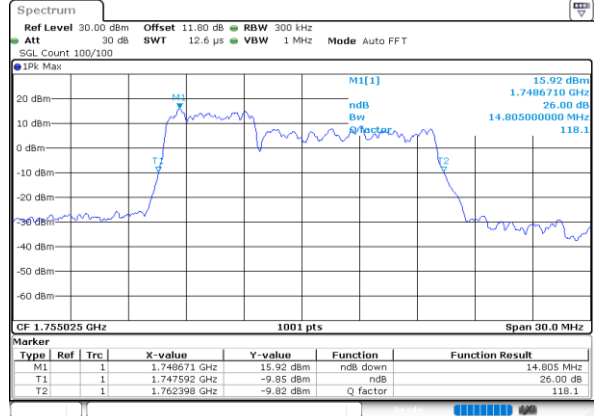
256QAM

Middle Channel / 5MHz+5MHz



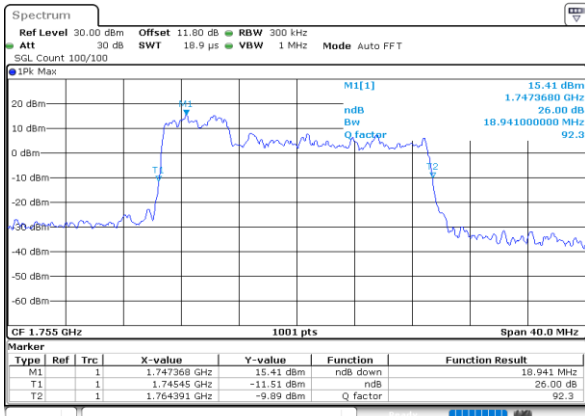
Date: 15.MAR.2023 13:53:49

Middle Channel / 5MHz+10MHz



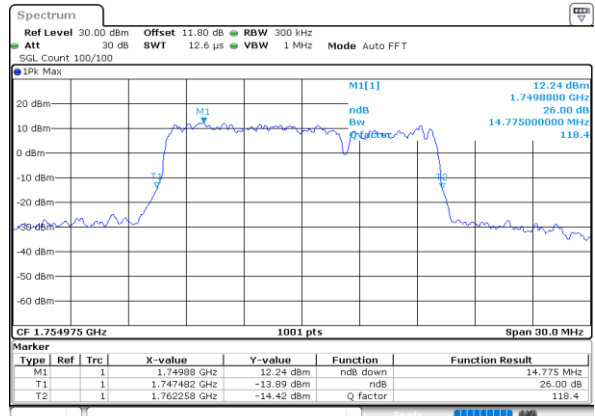
Date: 17.FEB.2023 04:58:41

Middle Channel / 5MHz+15MHz



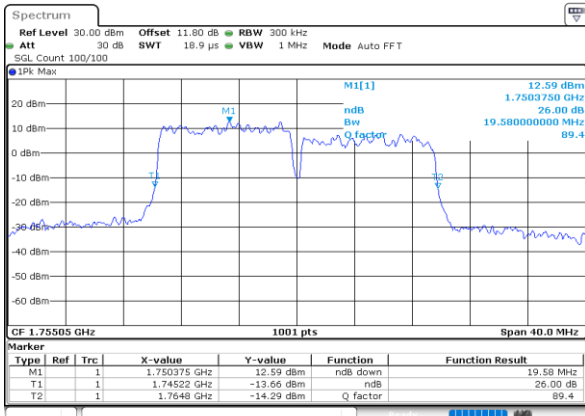
Date: 17.FEB.2023 05:22:36

Middle Channel / 10MHz+5MHz



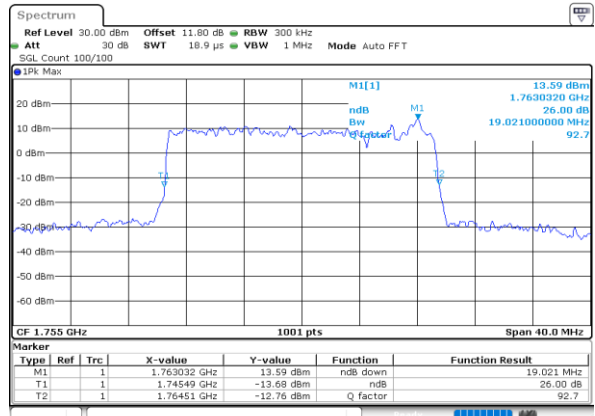
Date: 17.FEB.2023 05:06:56

Middle Channel / 10MHz+10MHz



Date: 17.FEB.2023 05:14:40

Middle Channel / 15MHz+5MHz



Date: 17.FEB.2023 05:31:49



**Occupied Bandwidth**

Mode	LTE Band 66B : 99%OBW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.27	13.76	18.06
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.85	18.74	18.26

Mode	LTE Band 66B : 99%OBW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.33	13.94	18.06
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.85	18.70	18.18

Mode	LTE Band 66B : 99%OBW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.27	13.82	18.06
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.88	18.78	18.18

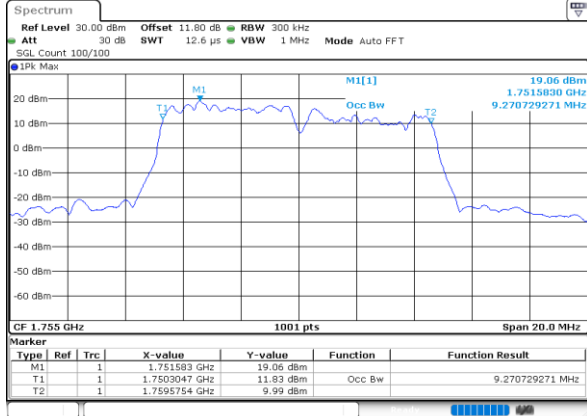
Mode	LTE Band 66B : 99%OBW(MHz)		
256QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Middle CH	9.23	13.79	17.98
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Middle CH	13.88	18.78	18.22



LTE Band 66B

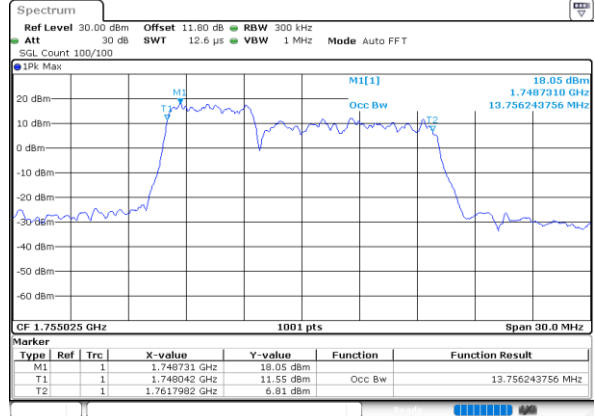
QPSK

Middle Channel / 5MHz+5MHz



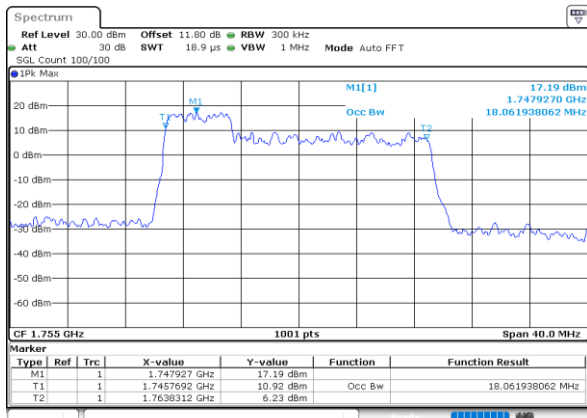
Date: 17.FEB.2023 01:46:38

Middle Channel / 5MHz+10MHz



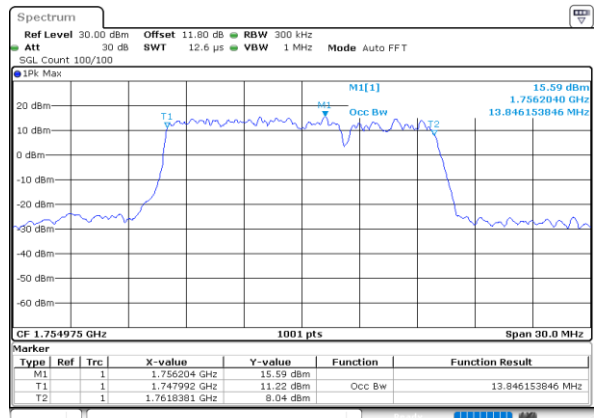
Date: 17.FEB.2023 02:17:52

Middle Channel / 5MHz+15MHz



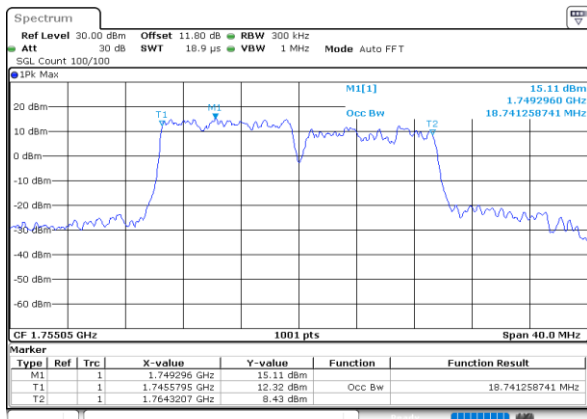
Date: 17.FEB.2023 03:53:44

Middle Channel / 10MHz+5MHz



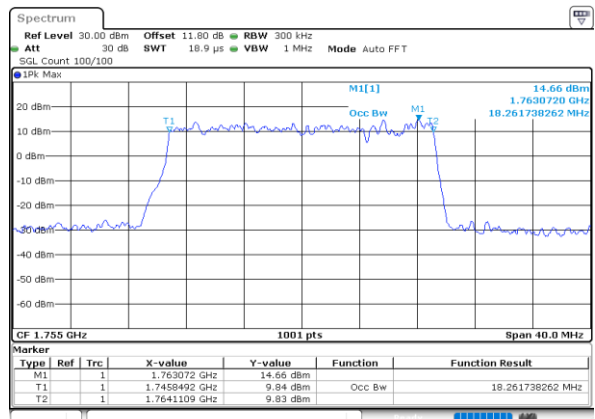
Date: 17.FEB.2023 02:15:42

Middle Channel / 10MHz+10MHz



Date: 17.FEB.2023 03:22:20

Middle Channel / 15MHz+5MHz



Date: 17.FEB.2023 04:26:25

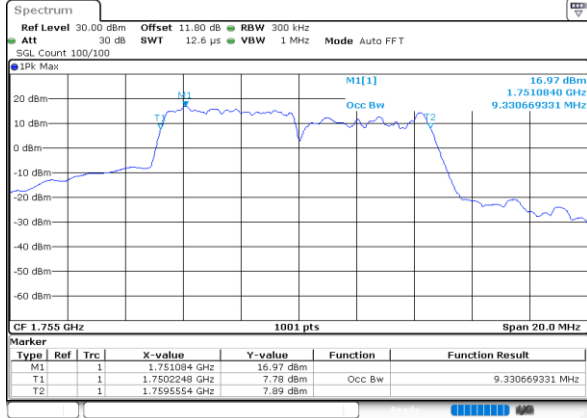




LTE Band 66B

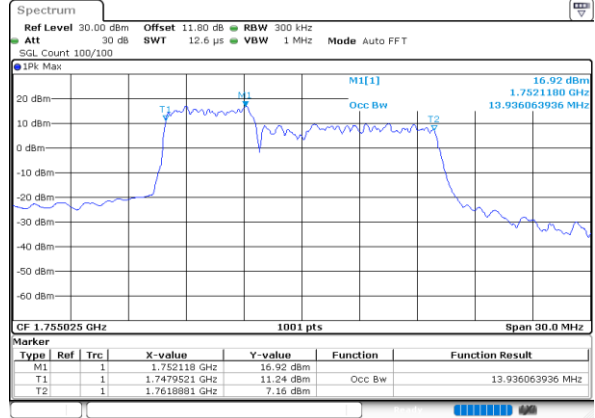
16QAM

Middle Channel / 5MHz+5MHz



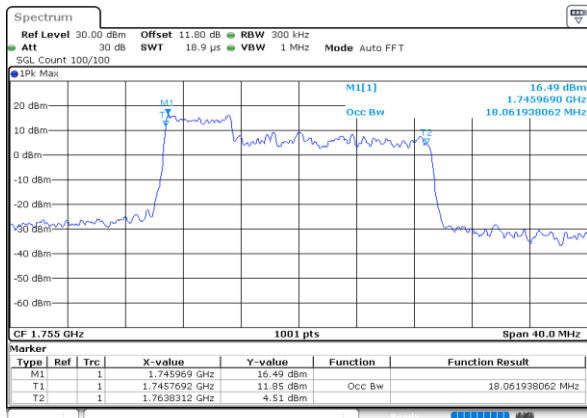
Date: 17.FEB.2023 01:47:09

Middle Channel / 5MHz+10MHz



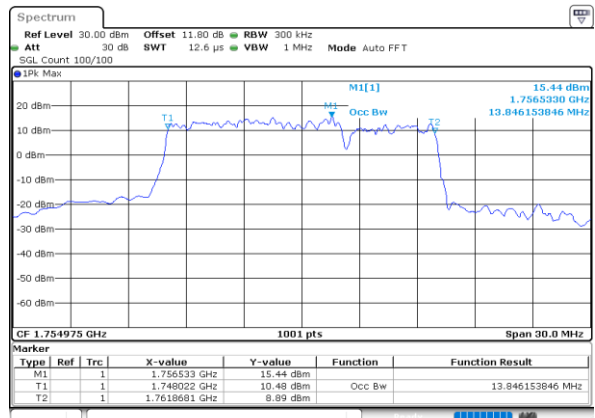
Date: 17.FEB.2023 02:18:29

Middle Channel / 5MHz+15MHz



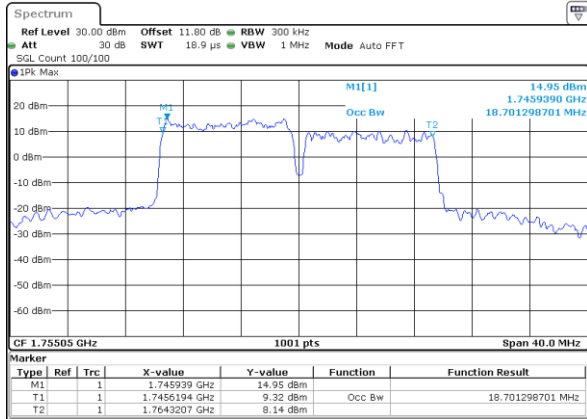
Date: 17.FEB.2023 03:54:20

Middle Channel / 10MHz+5MHz



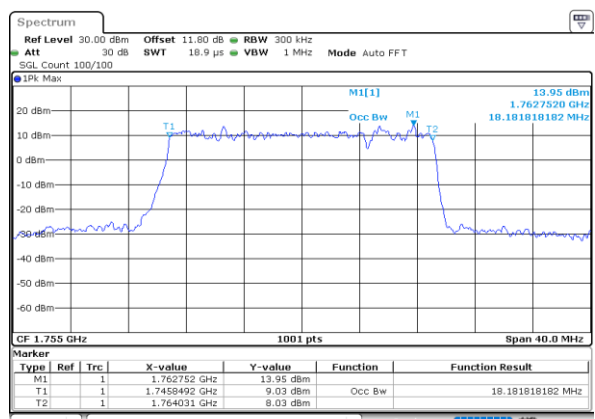
Date: 17.FEB.2023 02:15:19

Middle Channel / 10MHz+10MHz



Date: 17.FEB.2023 03:22:51

Middle Channel / 15MHz+5MHz



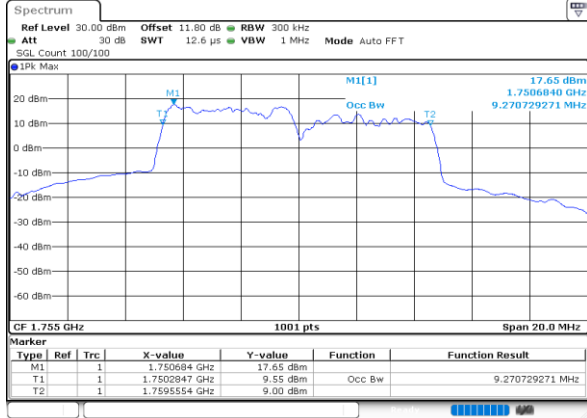
Date: 17.FEB.2023 04:27:01



LTE Band 66B

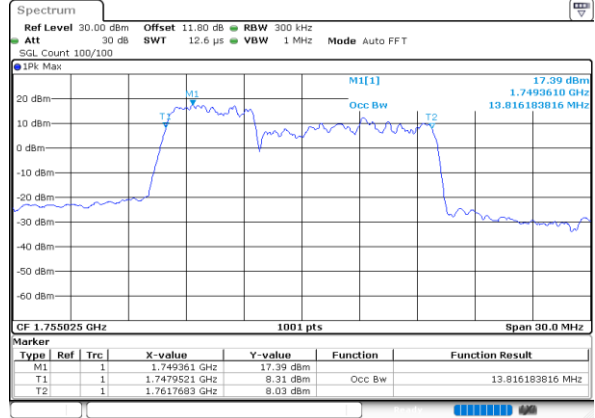
64QAM

Middle Channel / 5MHz+5MHz



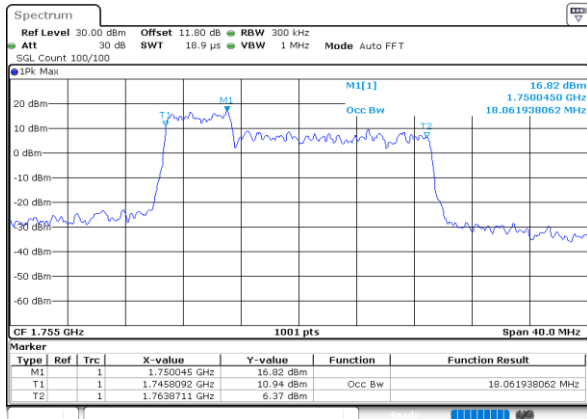
Date: 17.FEB.2023 01:47:40

Middle Channel / 5MHz+10MHz



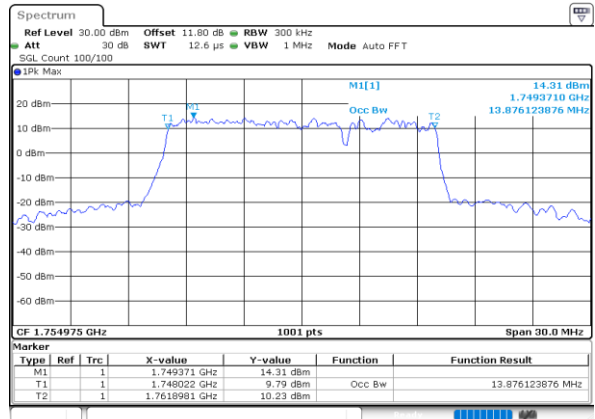
Date: 17.FEB.2023 02:19:06

Middle Channel / 5MHz+15MHz



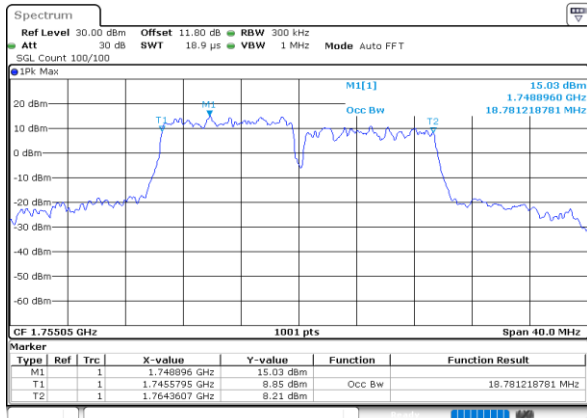
Date: 17.FEB.2023 03:54:56

Middle Channel / 10MHz+5MHz



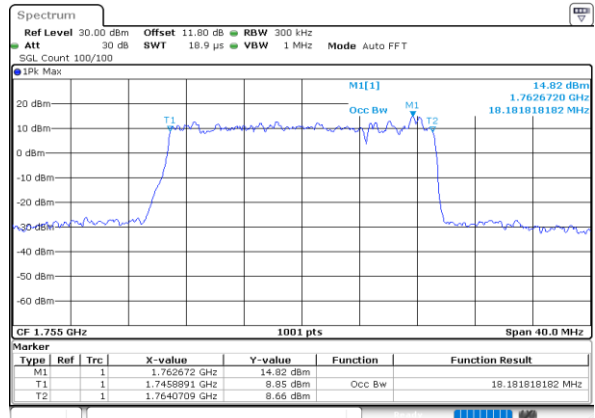
Date: 17.FEB.2023 02:51:56

Middle Channel / 10MHz+10MHz



Date: 17.FEB.2023 03:23:22

Middle Channel / 15MHz+5MHz



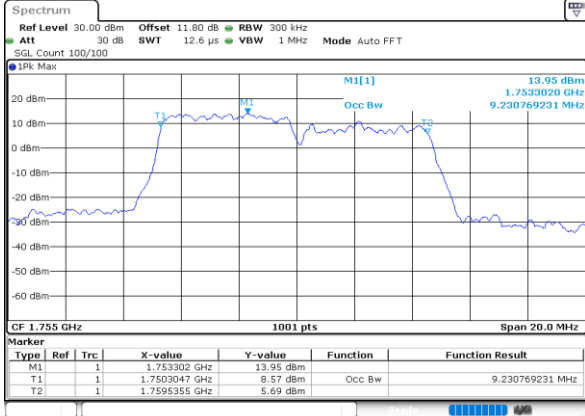
Date: 17.FEB.2023 04:27:37



LTE Band 66B

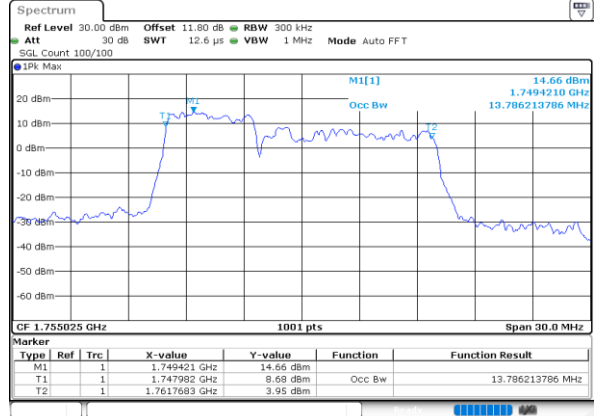
256QAM

Middle Channel / 5MHz+5MHz



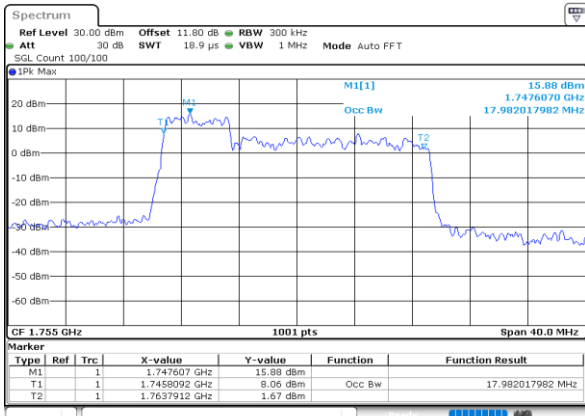
Date: 15.MAR.2023 13:54:52

Middle Channel / 5MHz+10MHz



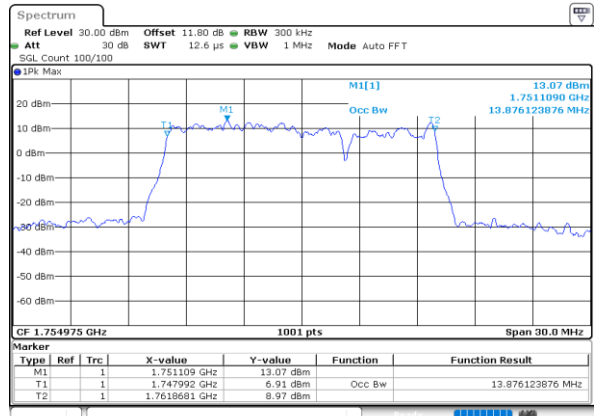
Date: 17.FEB.2023 04:58:04

Middle Channel / 5MHz+15MHz



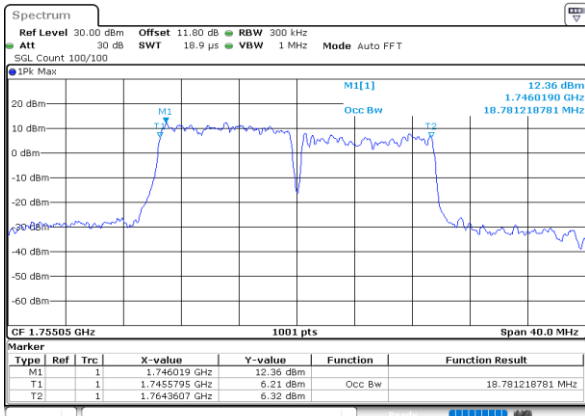
Date: 17.FEB.2023 05:22:00

Middle Channel / 10MHz+5MHz



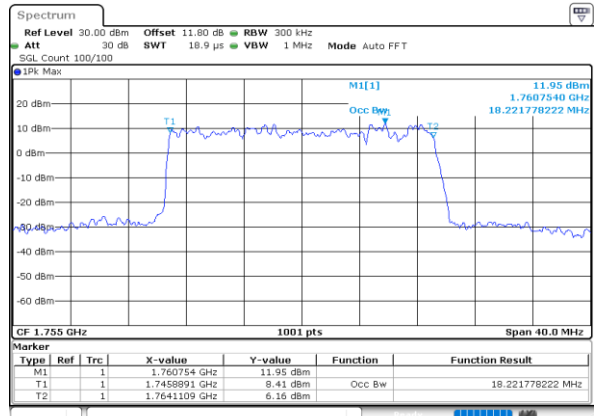
Date: 17.FEB.2023 05:06:20

Middle Channel / 10MHz+10MHz



Date: 17.FEB.2023 05:14:09

Middle Channel / 15MHz+5MHz



Date: 17.FEB.2023 05:03:14



**Conducted Band Edge**

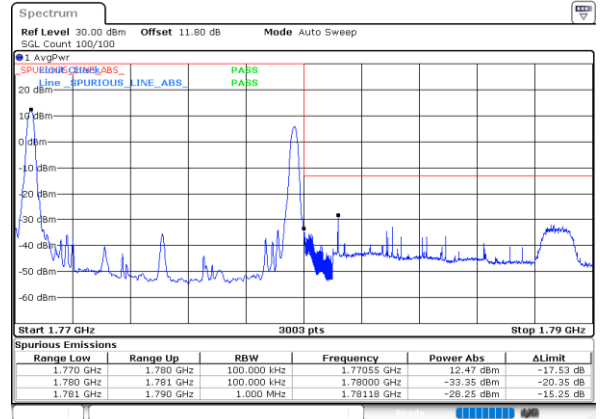
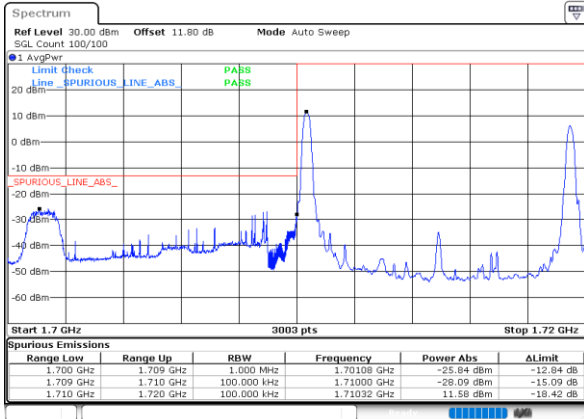


LTE Band 66B / 5MHz+5MHz

QPSK

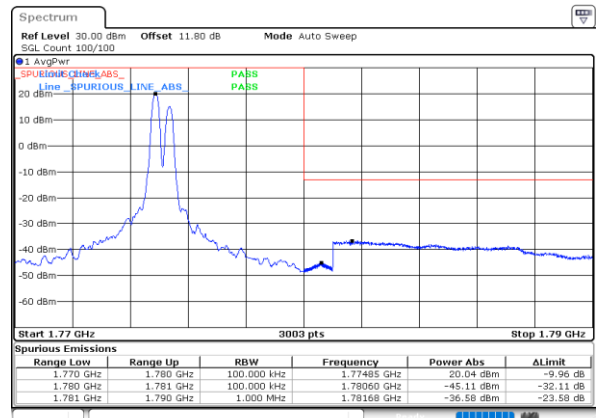
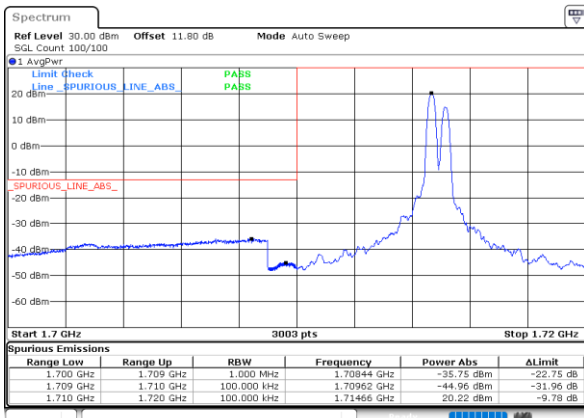
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

