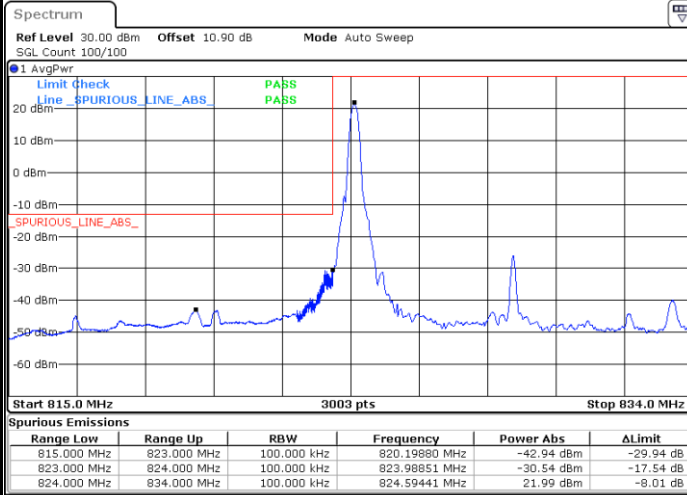




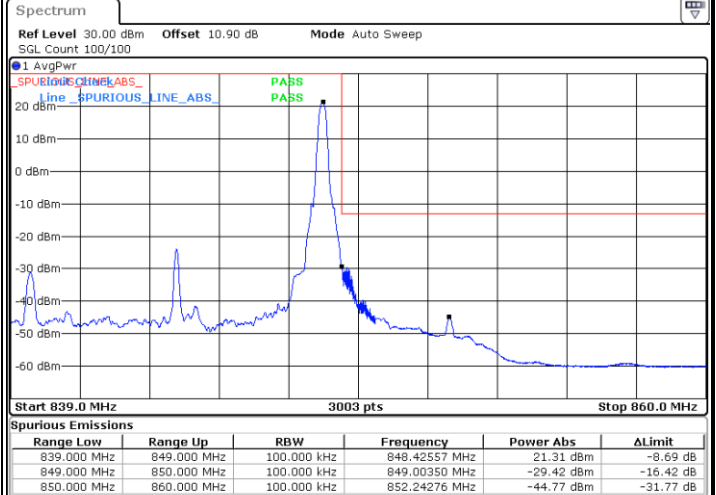
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



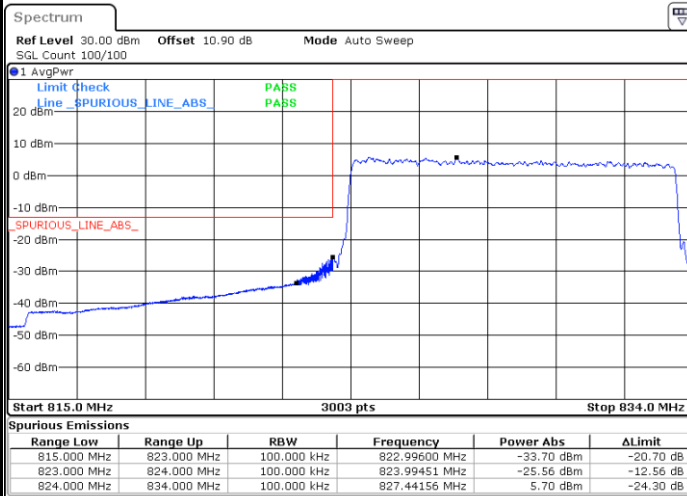
Date: 22.OCT.2022 05:51:06

Highest Band Edge / 1 RB



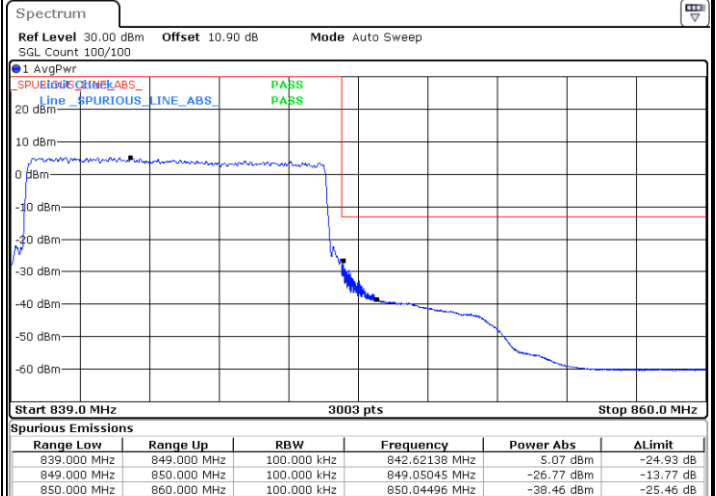
Date: 22.OCT.2022 05:59:48

Lowest Band Edge / Full RB



Date: 22.OCT.2022 05:53:20

Highest Band Edge / Full RB

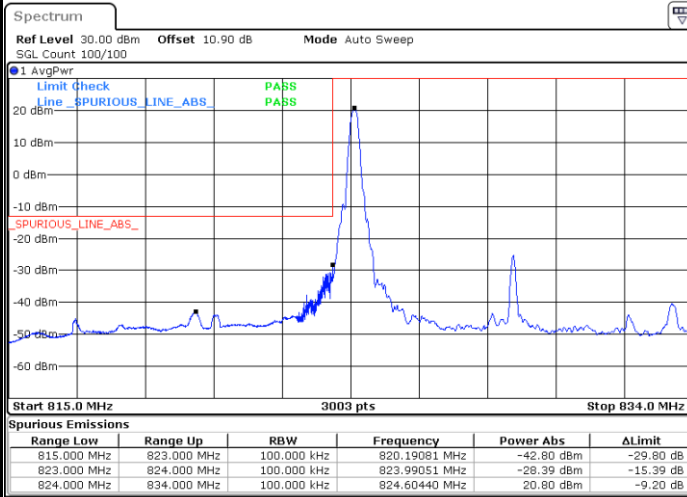


Date: 22.OCT.2022 06:02:03



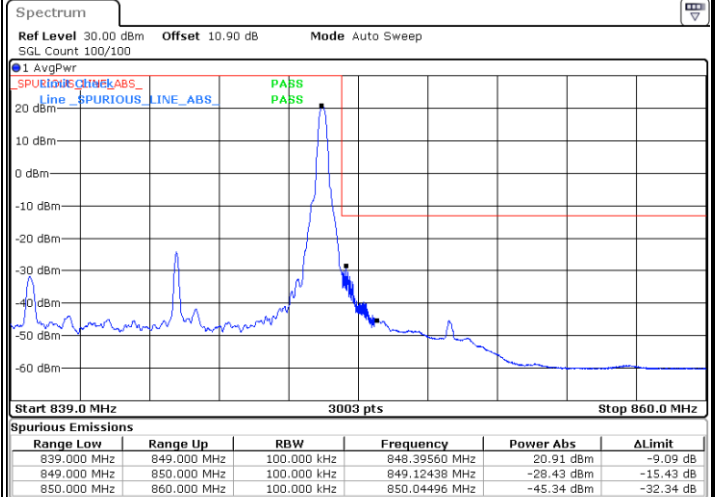
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



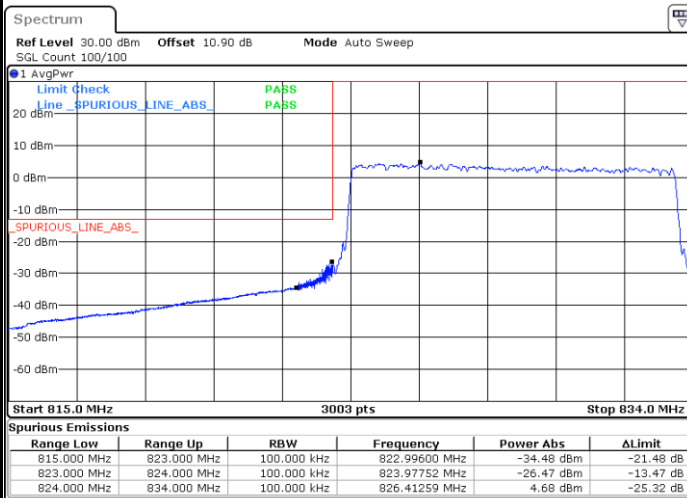
Date: 22.OCT.2022 05:52:13

Highest Band Edge / 1 RB



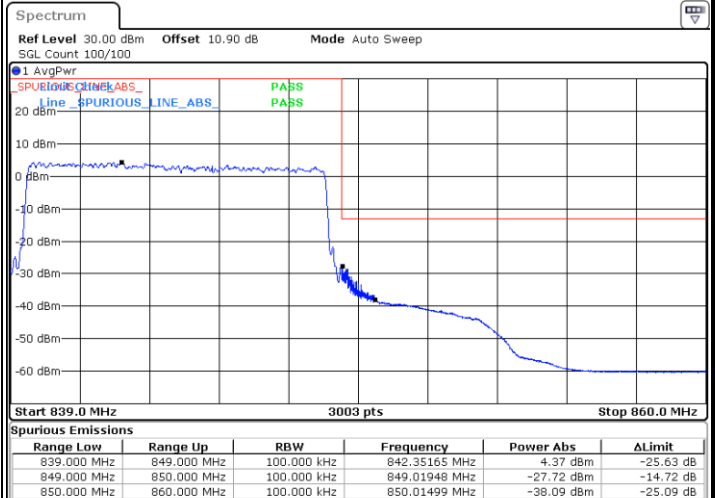
Date: 22.OCT.2022 06:00:55

Lowest Band Edge / Full RB



Date: 22.OCT.2022 05:54:27

Highest Band Edge / Full RB

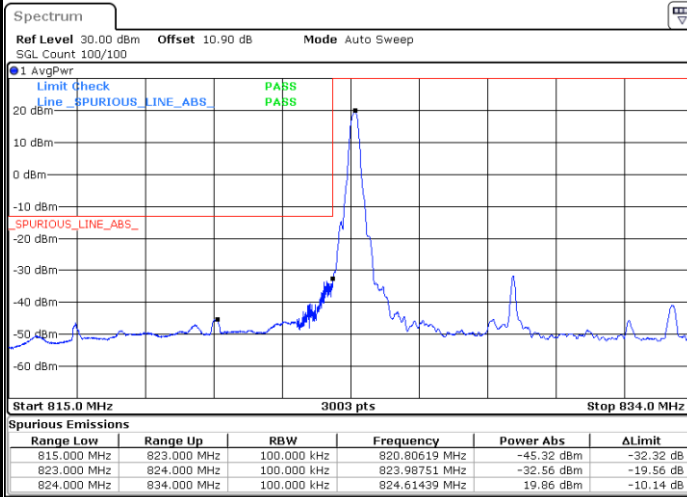


Date: 22.OCT.2022 06:03:10



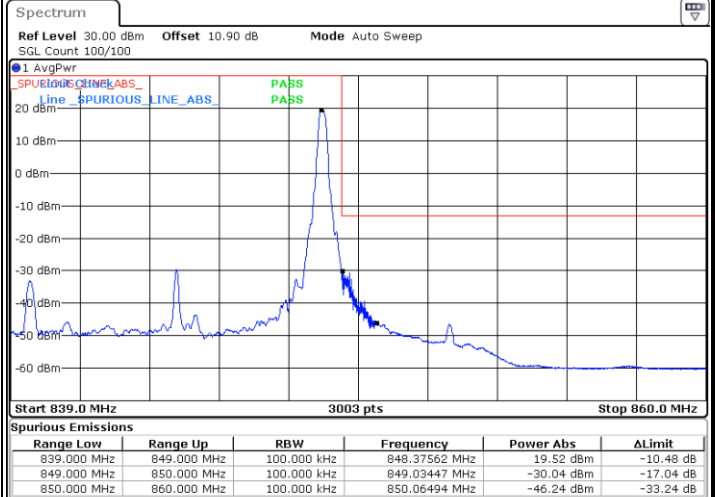
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



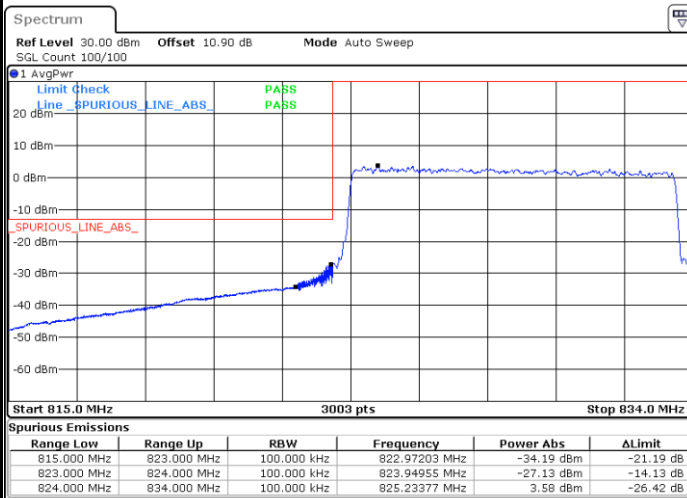
Date: 22.OCT.2022 06:05:33

Highest Band Edge / 1 RB



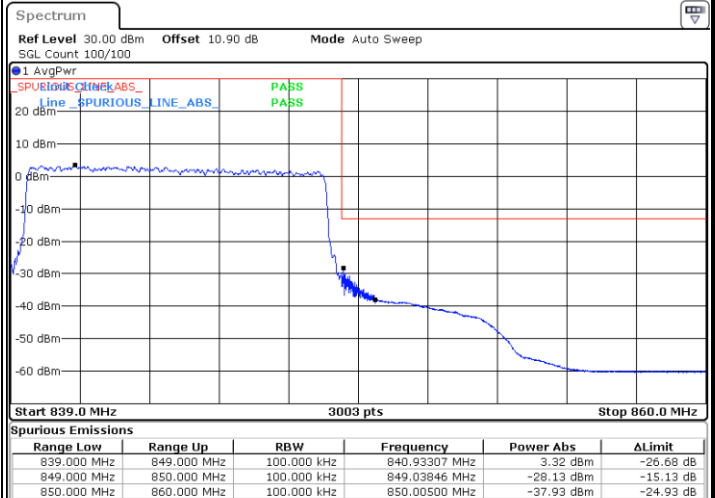
Date: 22.OCT.2022 06:08:28

Lowest Band Edge / Full RB



Date: 22.OCT.2022 06:06:41

Highest Band Edge / Full RB

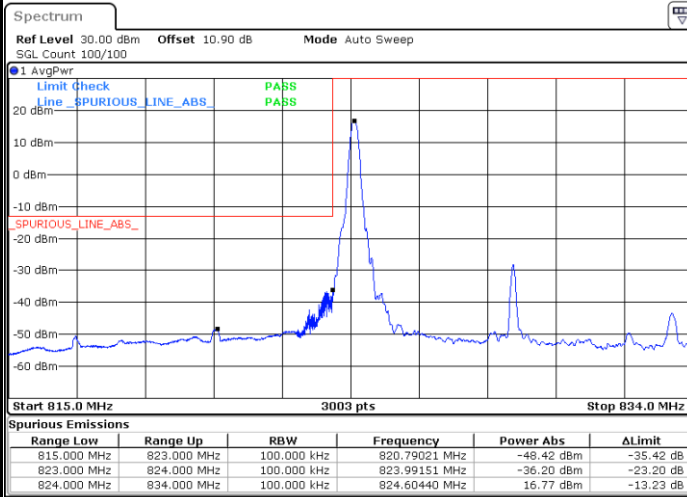


Date: 22.OCT.2022 06:09:35



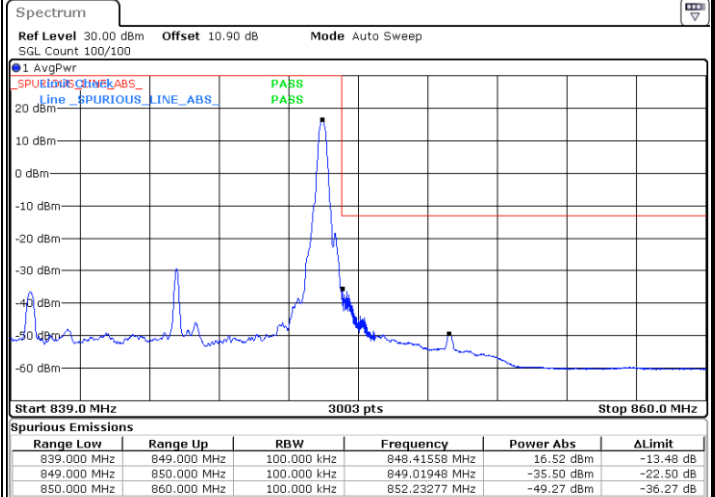
LTE Band 5 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



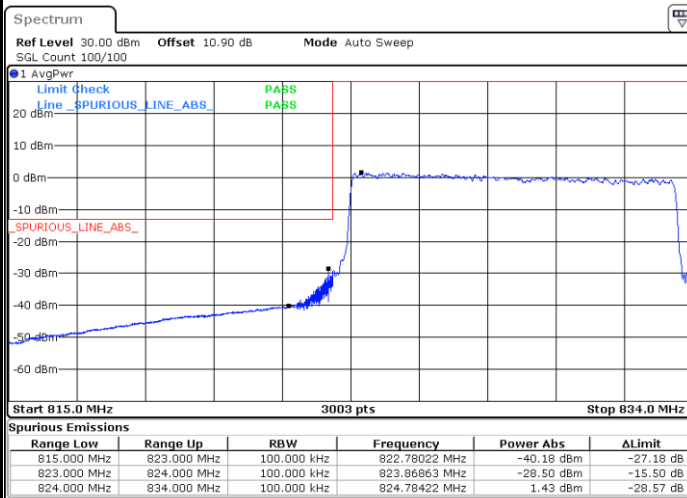
Date: 22.OCT.2022 08:55:06

Highest Band Edge / 1 RB



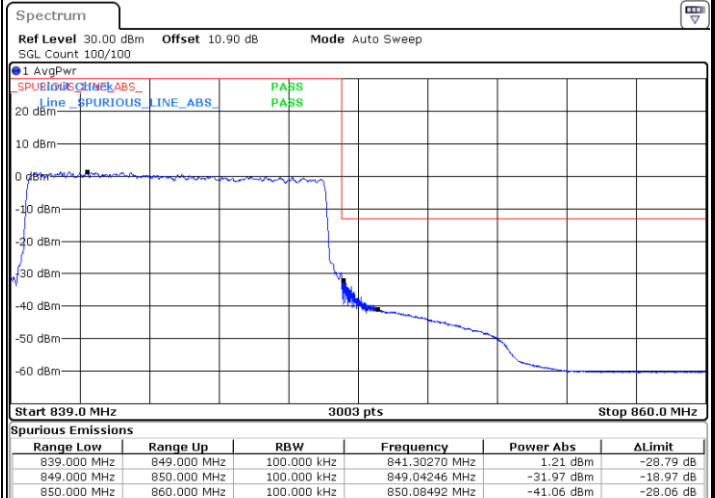
Date: 22.OCT.2022 08:58:04

Lowest Band Edge / Full RB



Date: 22.OCT.2022 08:56:17

Highest Band Edge / Full RB



Date: 22.OCT.2022 08:59:12

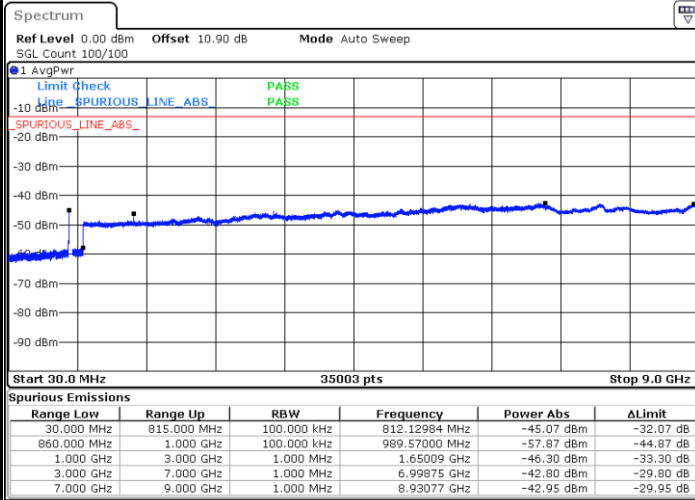


Conducted Spurious Emission

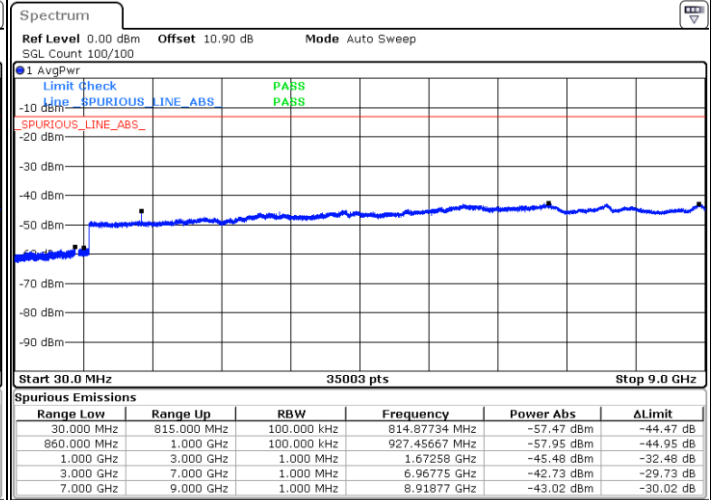
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK

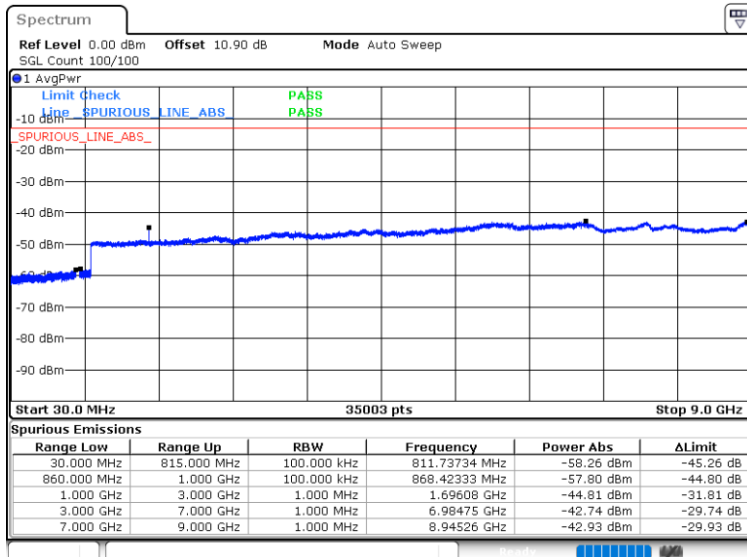


Date: 22.OCT.2022 04:54:32



Date: 22.OCT.2022 04:57:31

Highest Channel / QPSK



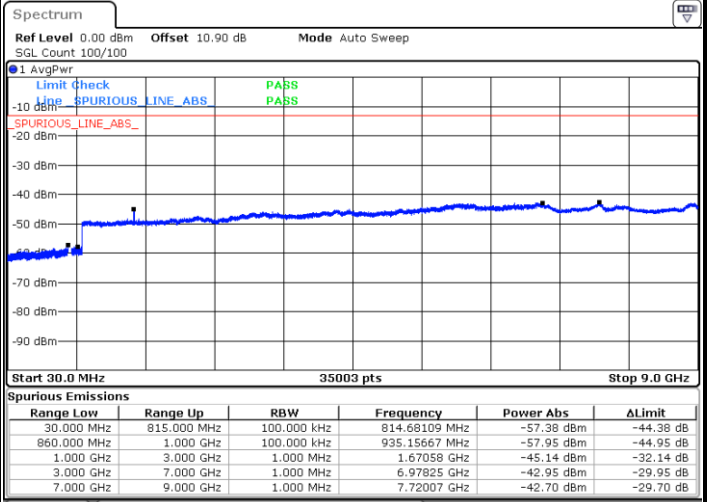
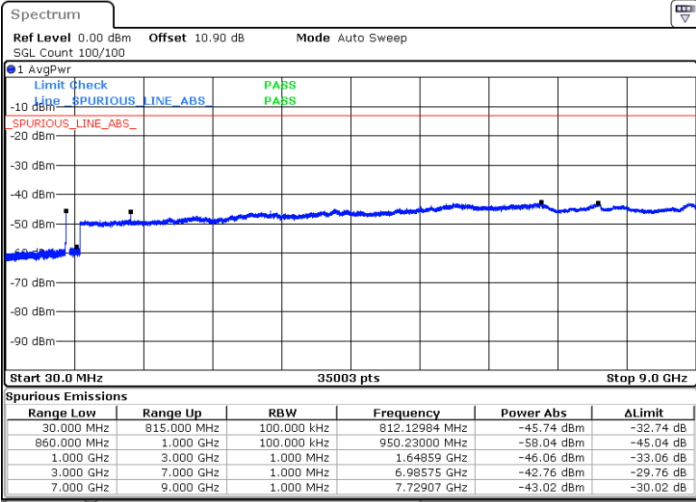
Date: 22.OCT.2022 05:03:15



LTE Band 5 / 3MHz

Lowest Channel / QPSK

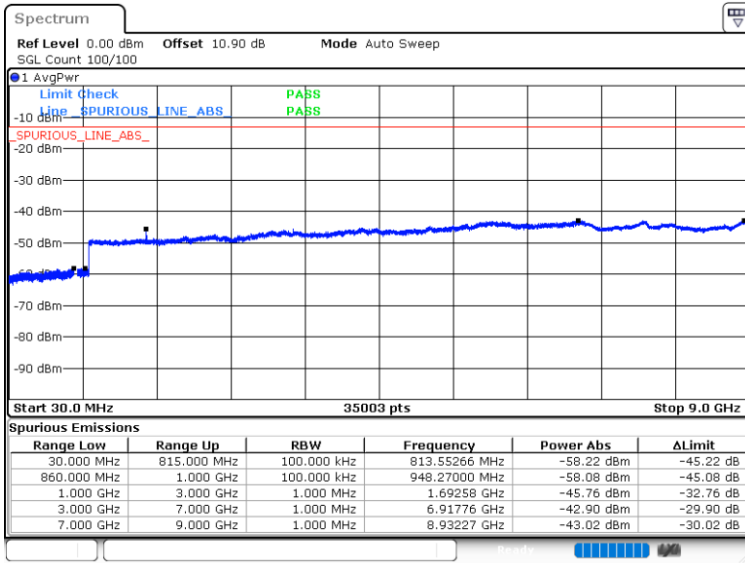
Middle Channel / QPSK



Date: 22.OCT.2022 05:14:54

Date: 22.OCT.2022 05:17:53

Highest Channel / QPSK



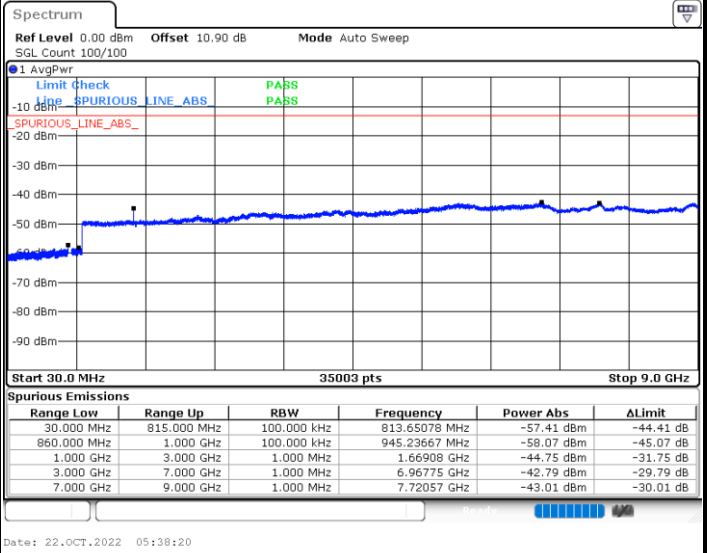
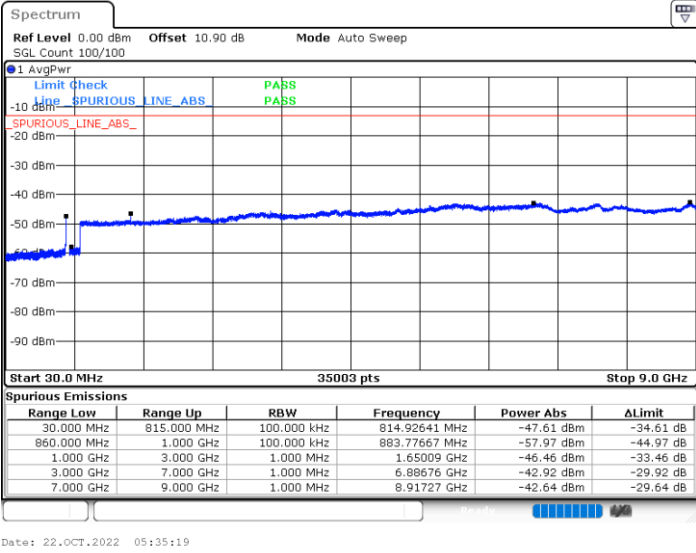
Date: 22.OCT.2022 05:23:37



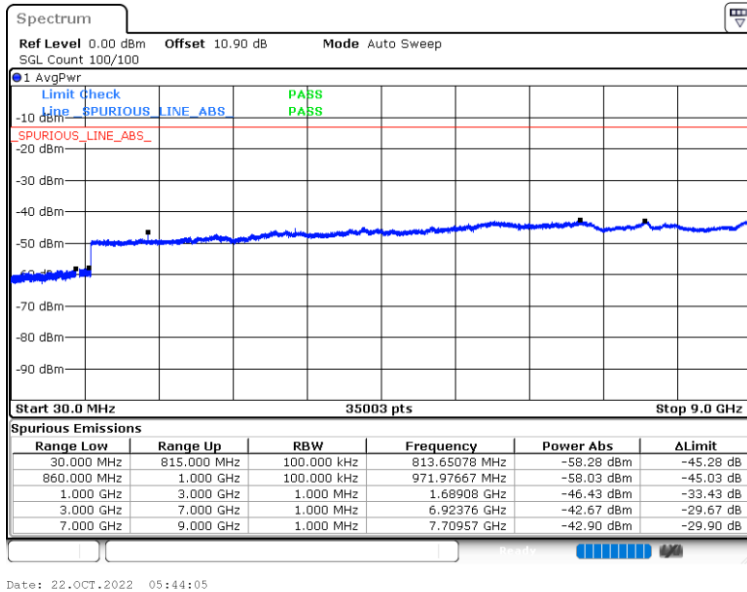
LTE Band 5 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

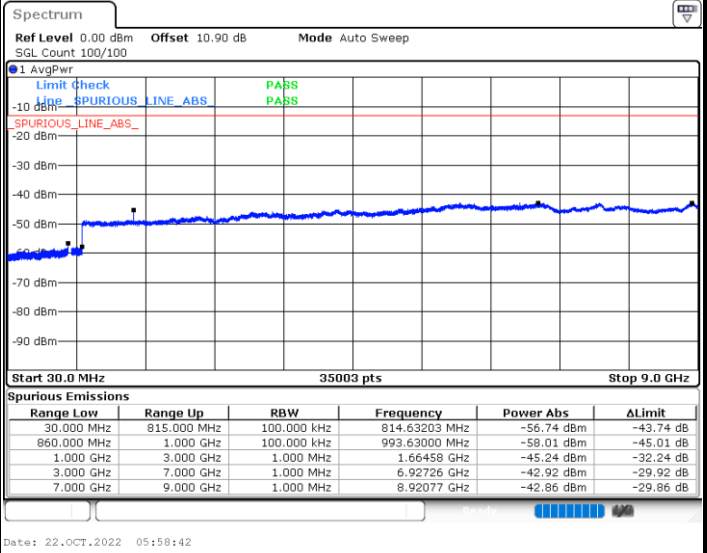
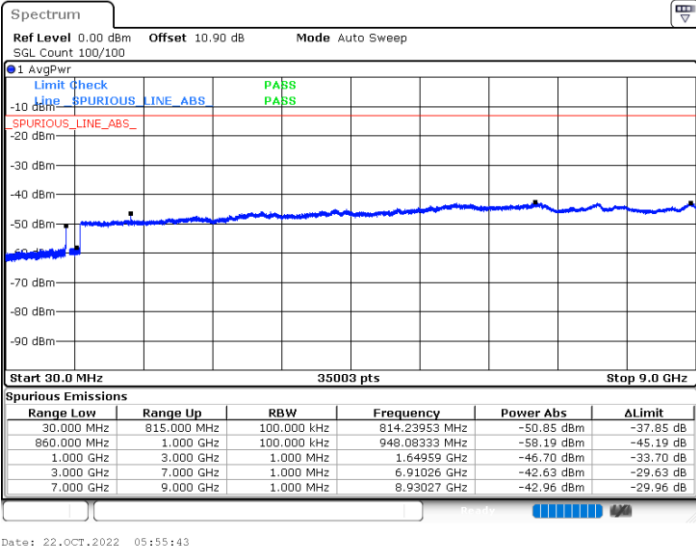




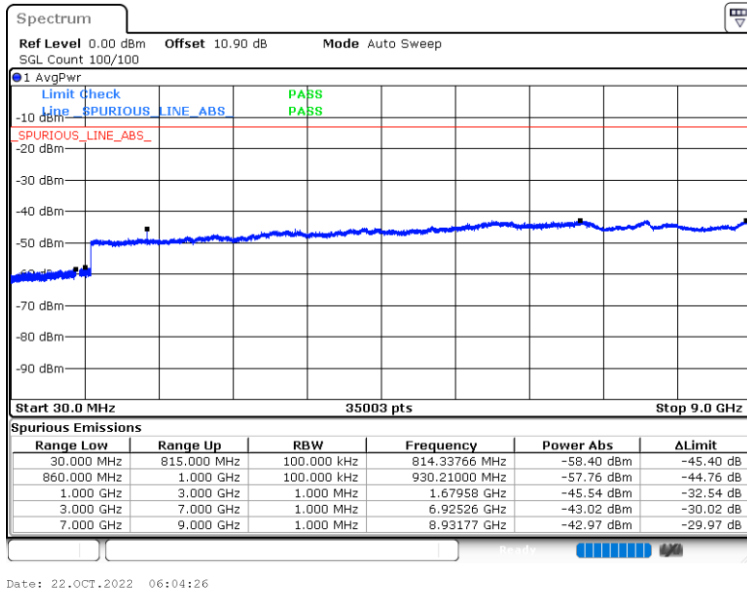
LTE Band 5 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0038	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0130	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0068	
-20	Normal Voltage	0.0033	
-30	Normal Voltage	0.0139	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

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 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.26	8.49	14.78
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.99	19.62	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.15	8.25	15.02
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.02	19.86	-

Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.09	8.30	14.63
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.60	19.90	-

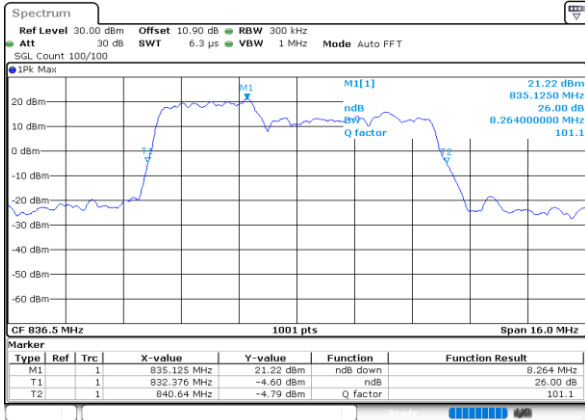
Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.10	8.20	14.63
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.02	19.90	-



LTE Band 5B

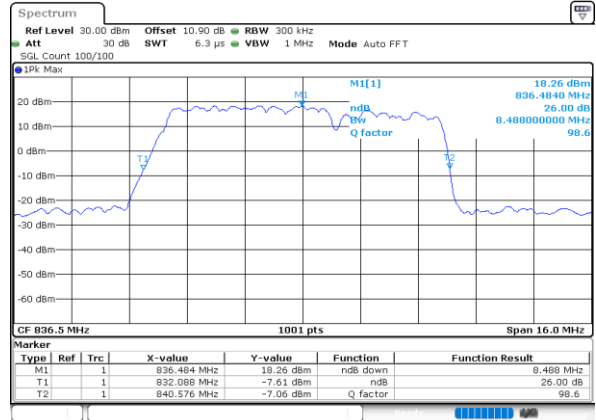
QPSK

Middle Channel / 3MHz+5MHz



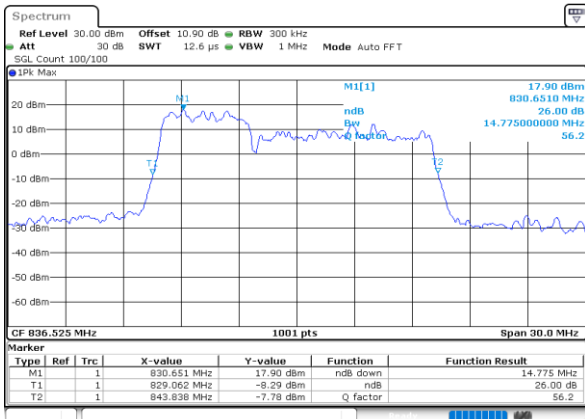
Date: 15.OCT.2022 01:59:52

Middle Channel / 5MHz+3MHz



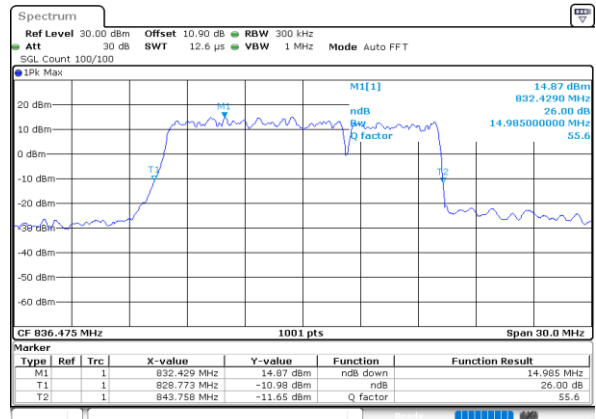
Date: 15.OCT.2022 02:10:44

Middle Channel / 5MHz+10MHz



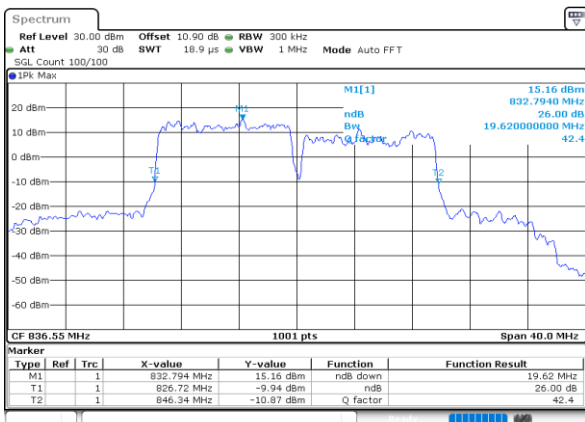
Date: 15.OCT.2022 03:00:49

Middle Channel / 10MHz+5MHz



Date: 15.OCT.2022 03:10:55

Middle Channel / 10MHz+10MHz



Date: 15.OCT.2022 04:00:32

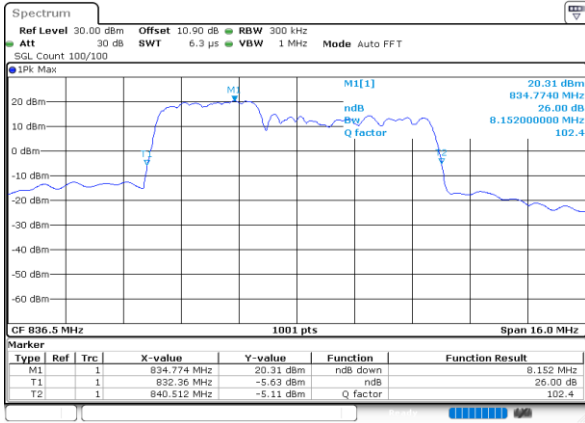
N/A



LTE Band 5B

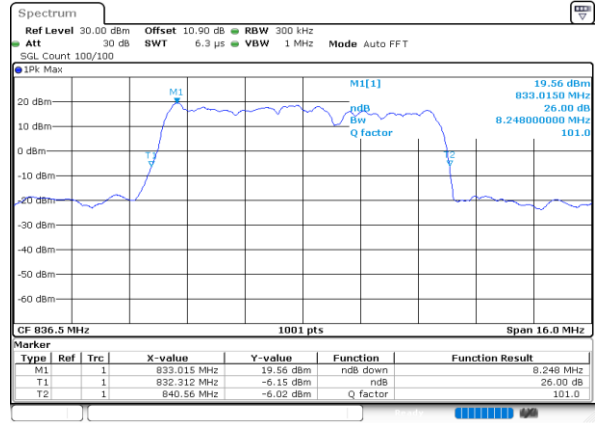
16QAM

Middle Channel / 3MHz+5MHz



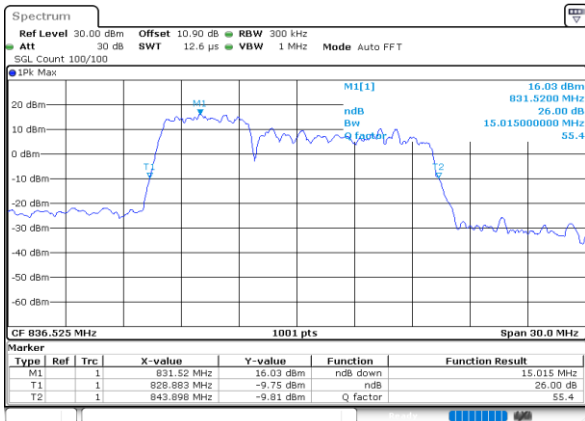
Date: 28.OCT.2022 02:00:08

Middle Channel / 5MHz+3MHz



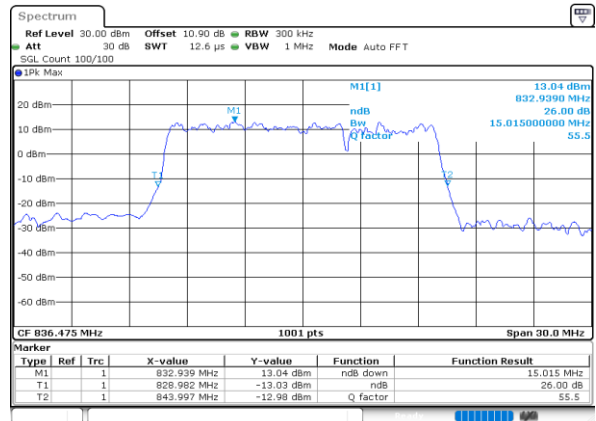
Date: 15.OCT.2022 02:10:11

Middle Channel / 5MHz+10MHz



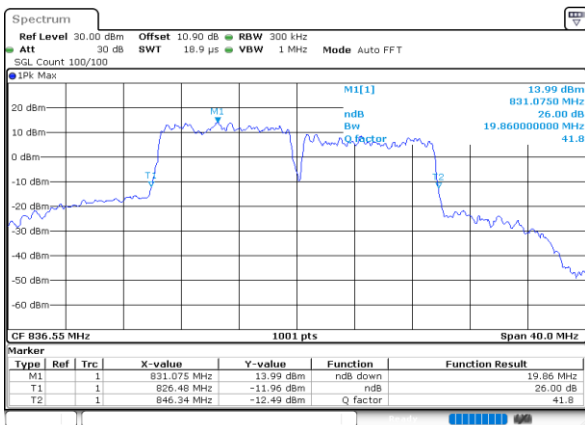
Date: 15.OCT.2022 03:00:16

Middle Channel / 10MHz+5MHz



Date: 15.OCT.2022 03:10:22

Middle Channel / 10MHz+10MHz



Date: 15.OCT.2022 04:00:02

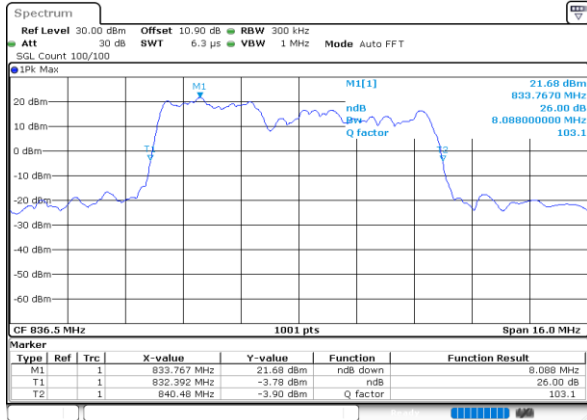
N/A



LTE Band 5B

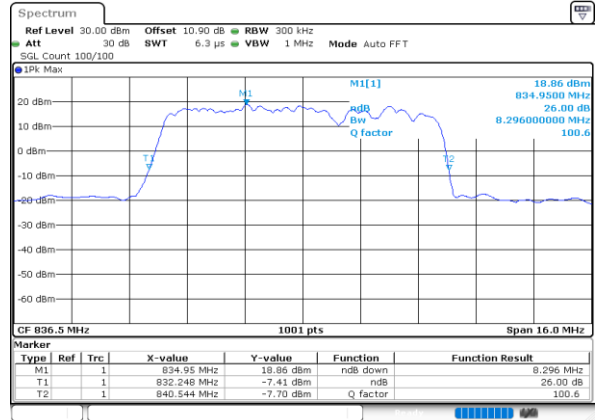
64QAM

Middle Channel / 3MHz+5MHz



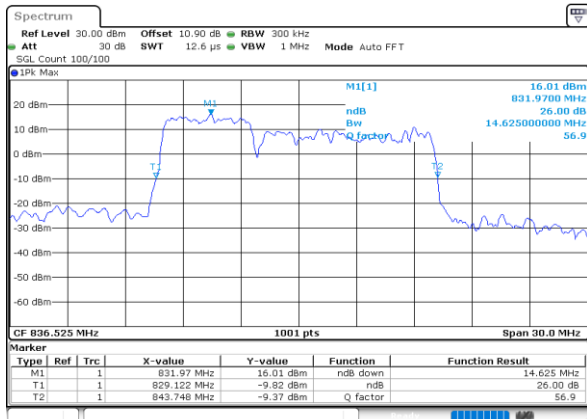
Date: 15.OCT.2022 01:56:54

Middle Channel / 5MHz+3MHz



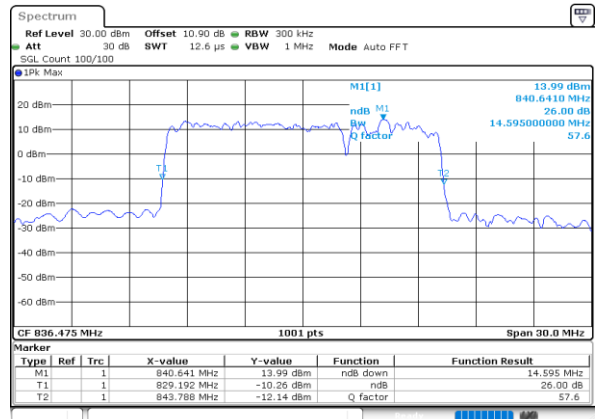
Date: 15.OCT.2022 02:29:39

Middle Channel / 5MHz+10MHz



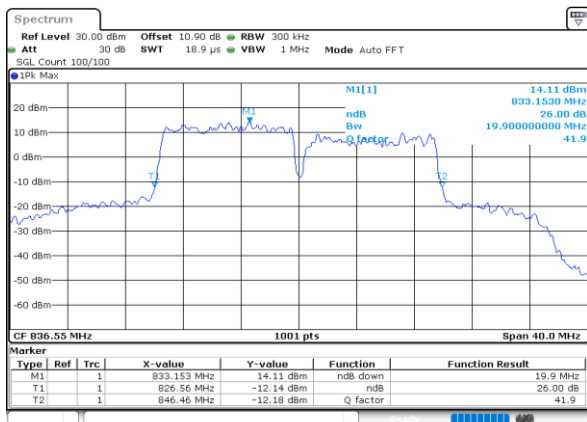
Date: 15.OCT.2022 02:59:43

Middle Channel / 10MHz+5MHz



Date: 15.OCT.2022 03:29:50

Middle Channel / 10MHz+10MHz



Date: 15.OCT.2022 03:59:32

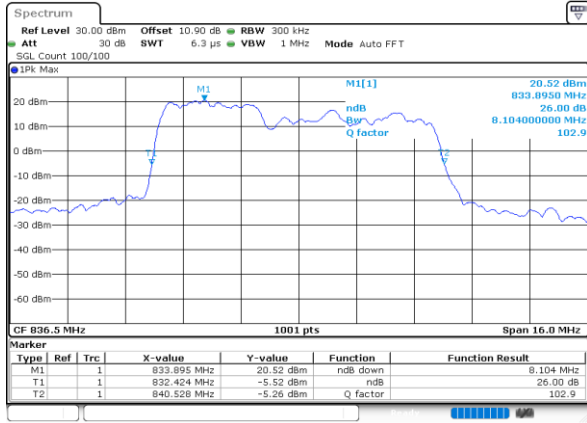
N/A



LTE Band 5B

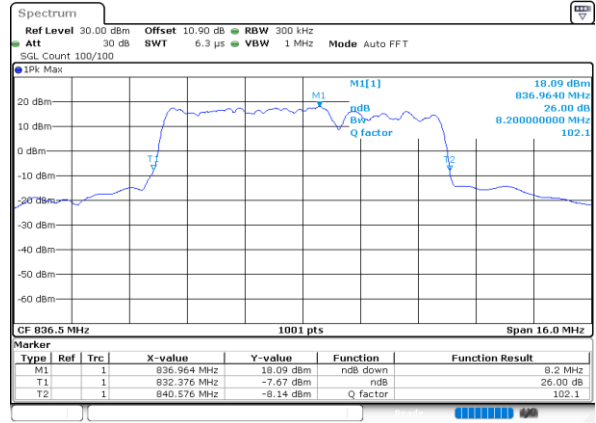
256QAM

Middle Channel / 3MHz+5MHz



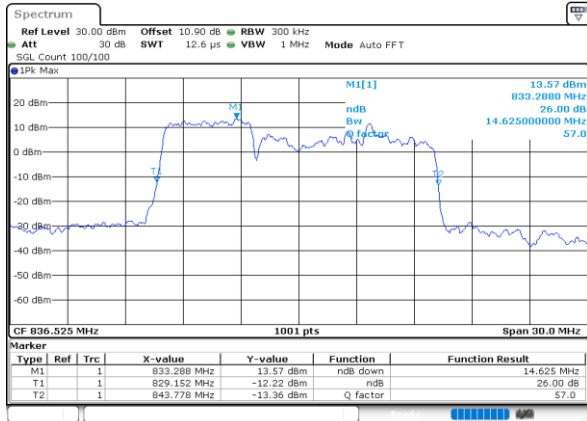
Date: 15.OCT.2022 04:12:00

Middle Channel / 5MHz+3MHz



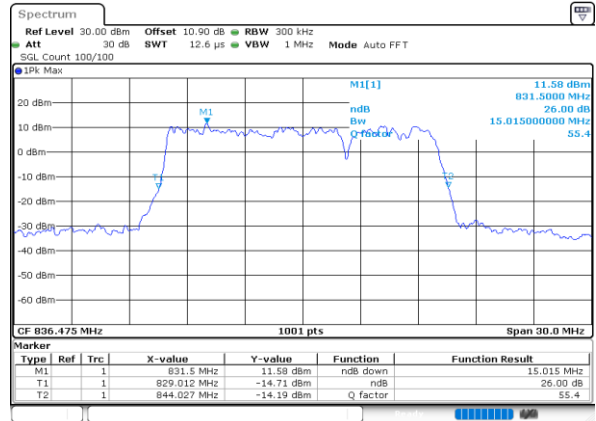
Date: 15.OCT.2022 04:19:24

Middle Channel / 5MHz+10MHz



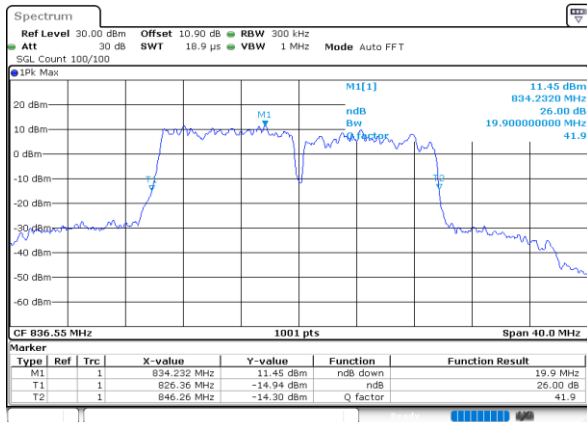
Date: 15.OCT.2022 04:26:47

Middle Channel / 10MHz+5MHz



Date: 15.OCT.2022 04:34:12

Middle Channel / 10MHz+10MHz



Date: 15.OCT.2022 04:41:16

N/A



Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.46	7.56	13.76
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.62	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.48	7.58	13.73
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.94	18.70	-

Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.53	7.67	13.79
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.94	18.74	-

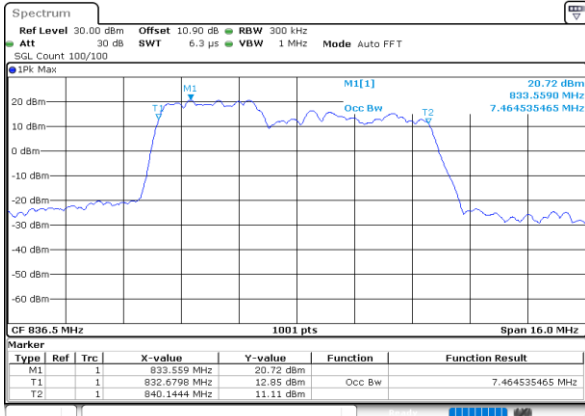
Mode	LTE Band 5B : 99%OBW(MHz)		
254QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.51	7.53	13.79
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.88	18.90	-



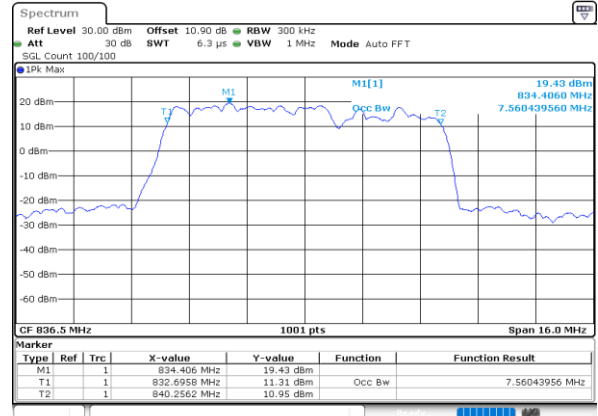
LTE Band 5B

QPSK

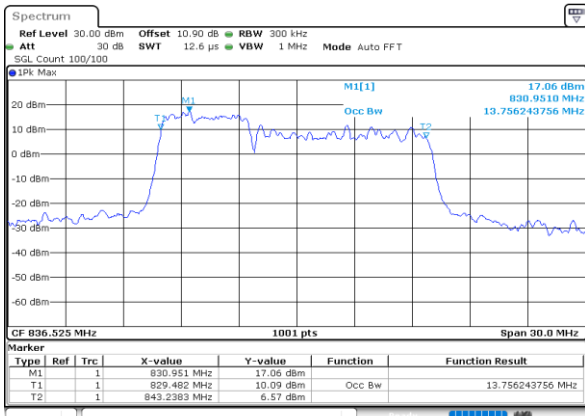
Middle Channel / 3MHz+5MHz



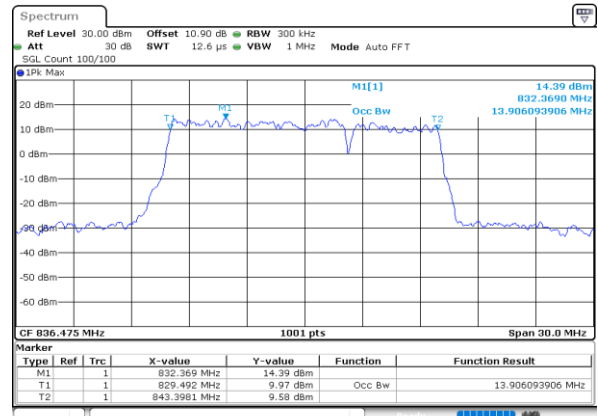
Middle Channel / 5MHz+3MHz



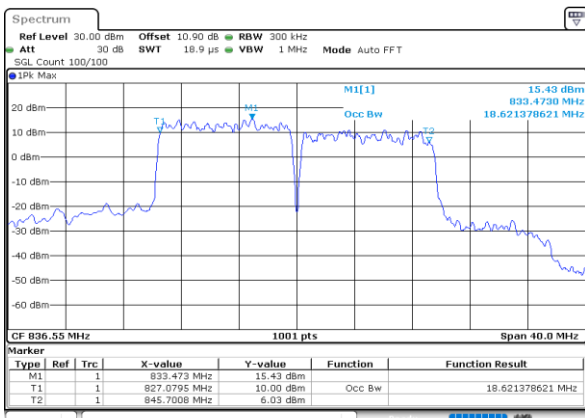
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



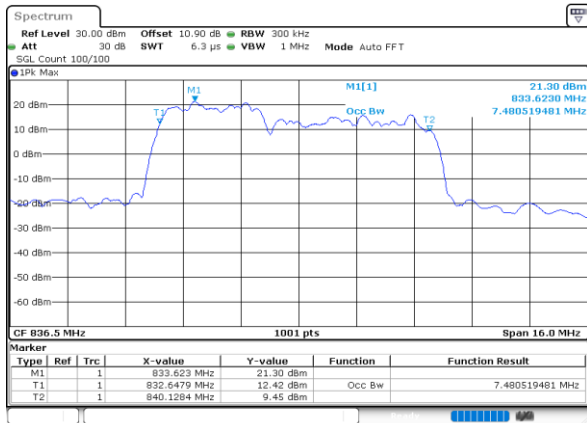
N/A



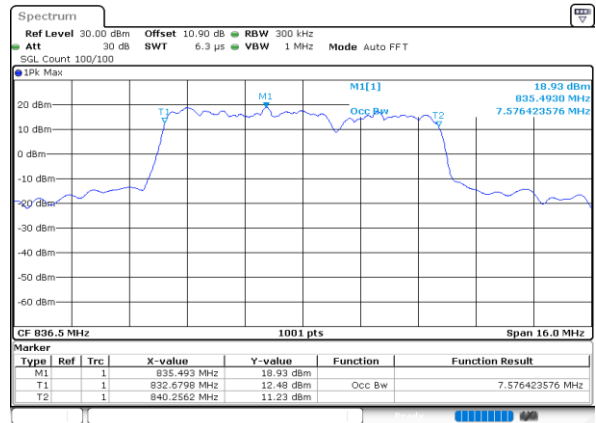
LTE Band 5B

16QAM

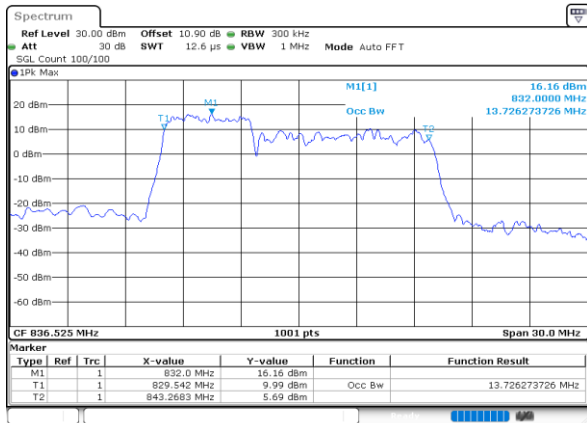
Middle Channel / 3MHz+5MHz



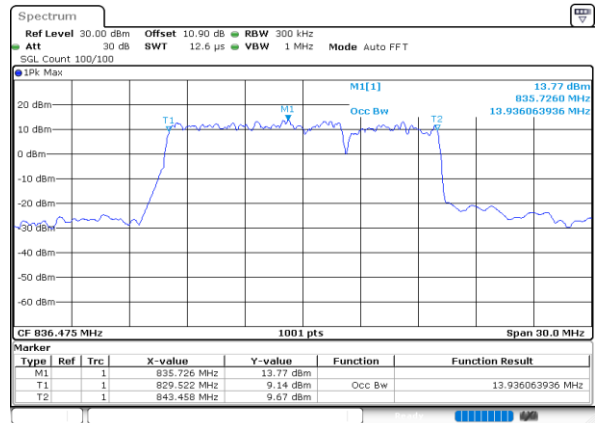
Middle Channel / 5MHz+3MHz



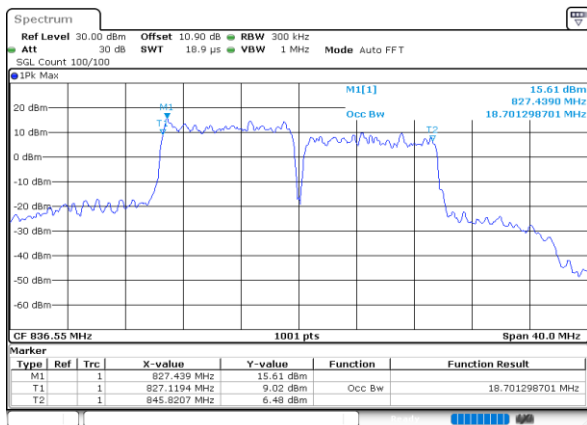
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



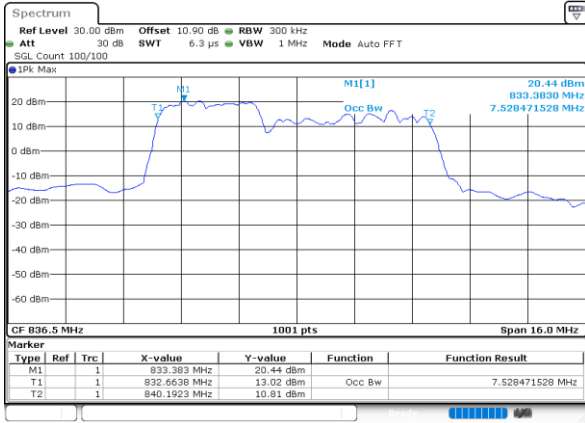
N/A



LTE Band 5B

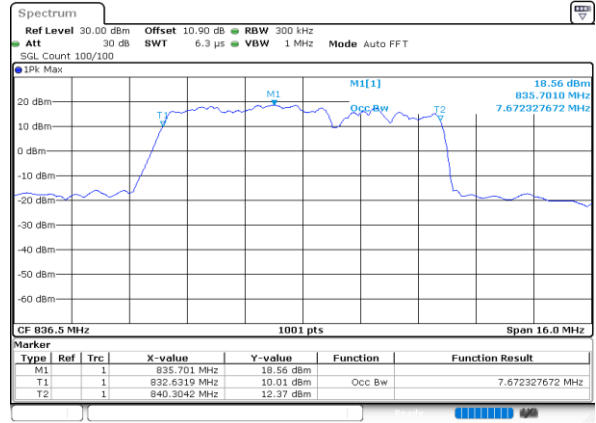
64QAM

Middle Channel / 3MHz+5MHz



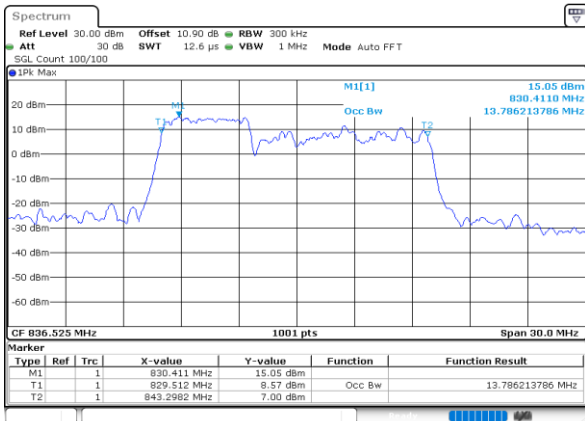
Date: 15.OCT.2022 01:55:40

Middle Channel / 5MHz+3MHz



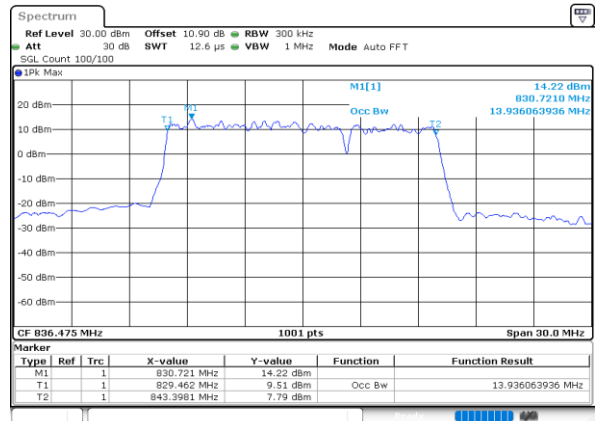
Date: 15.OCT.2022 02:29:07

Middle Channel / 5MHz+10MHz



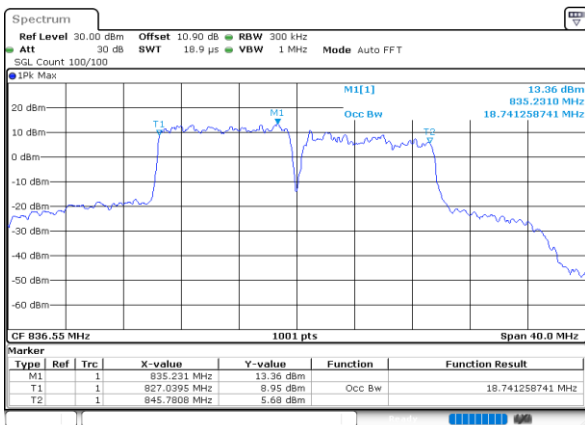
Date: 15.OCT.2022 02:59:11

Middle Channel / 10MHz+5MHz



Date: 15.OCT.2022 03:29:18

Middle Channel / 10MHz+10MHz



Date: 15.OCT.2022 03:59:03

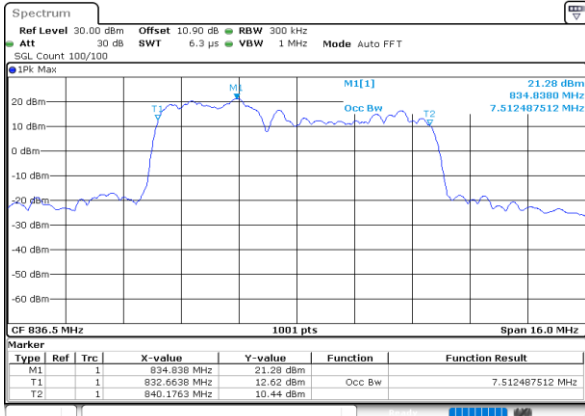
N/A



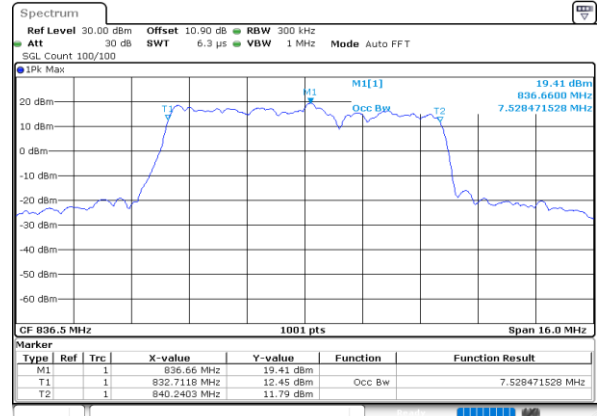
LTE Band 5B

256QAM

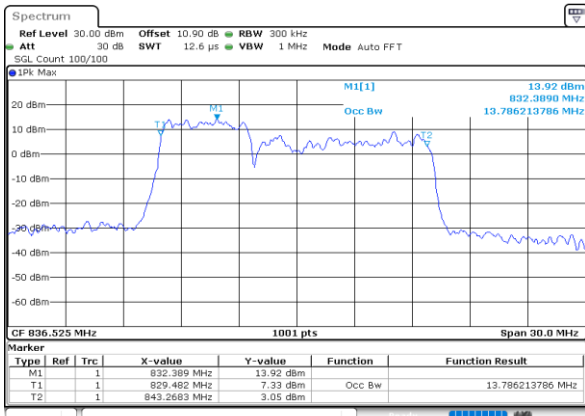
Middle Channel / 3MHz+5MHz



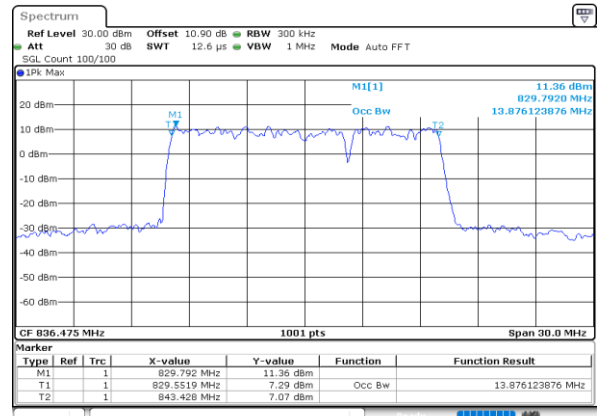
Middle Channel / 5MHz+3MHz



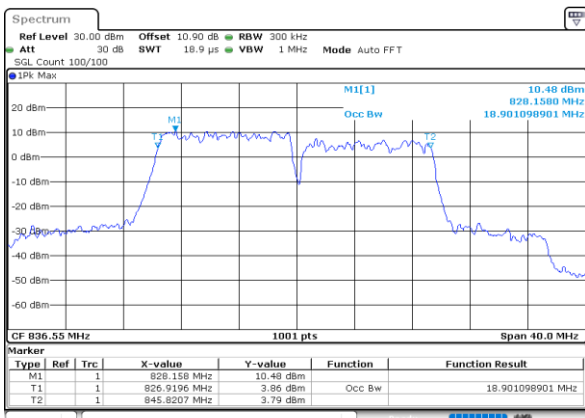
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

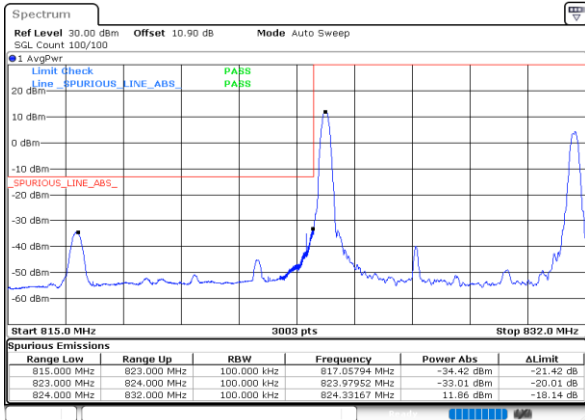


Conducted Band Edge

LTE Band 5B / 3MHz+5MHz

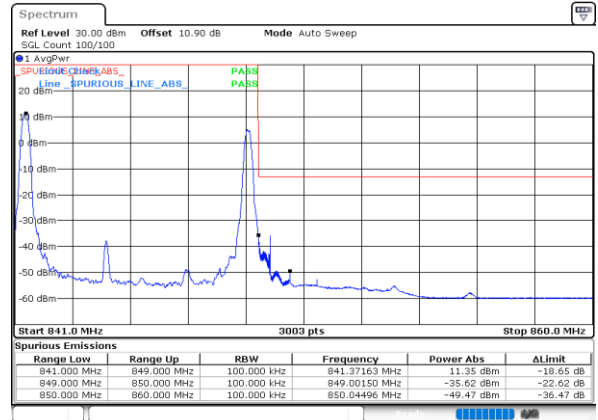
QPSK

Lowest Band Edge / 1RB0 and 1RB24



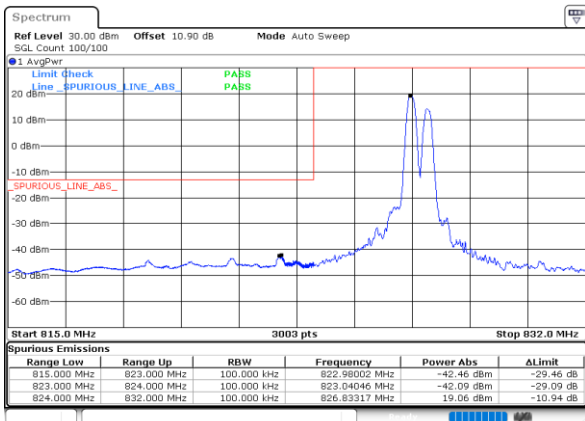
Date: 15.OCT.2022 01:38:25

Highest Band Edge / 1RB0 and 1RB24



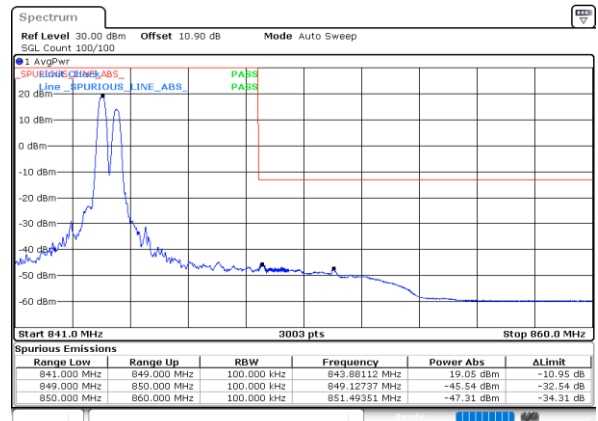
Date: 15.OCT.2022 01:12:30

Lowest Band Edge / 1RB14 and 1RB0



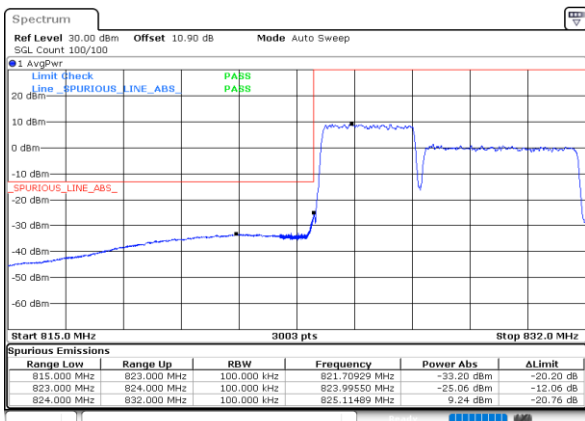
Date: 28.OCT.2022 02:01:46

Highest Band Edge / 1RB14 and 1RB0



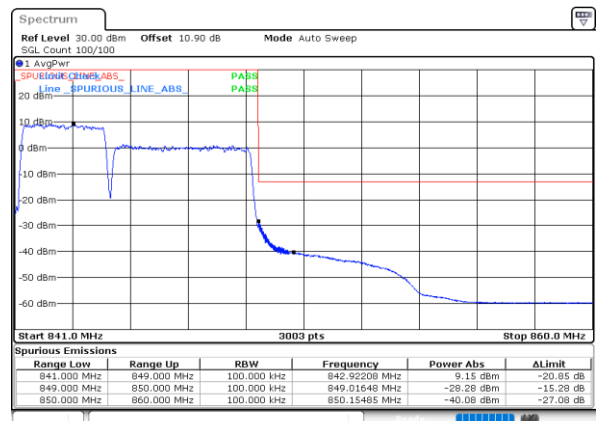
Date: 15.OCT.2022 01:25:58

Lowest Band Edge / Full RB



Date: 15.OCT.2022 01:30:26

Highest Band Edge / Full RB



Date: 15.OCT.2022 01:10:46

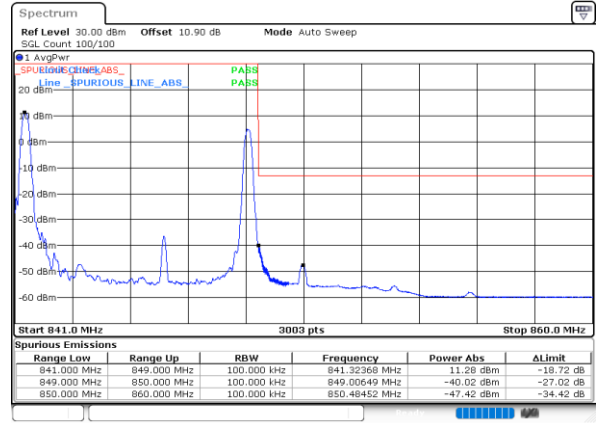
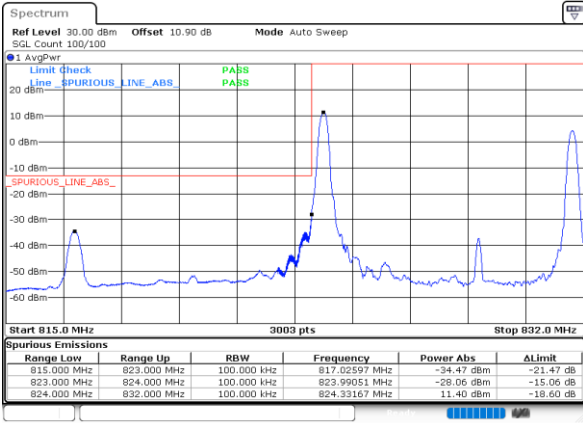


LTE Band 5B / 5MHz+3MHz

QPSK

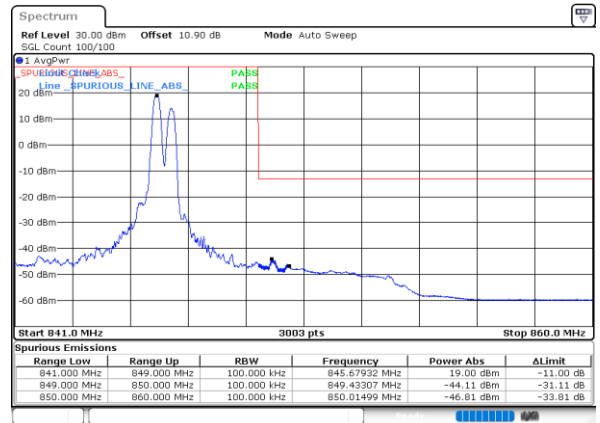
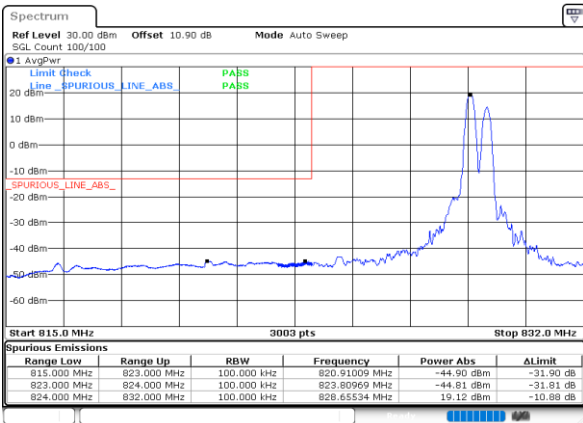
Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14



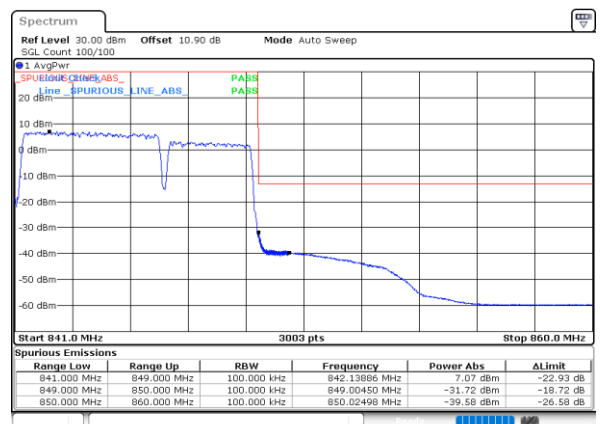
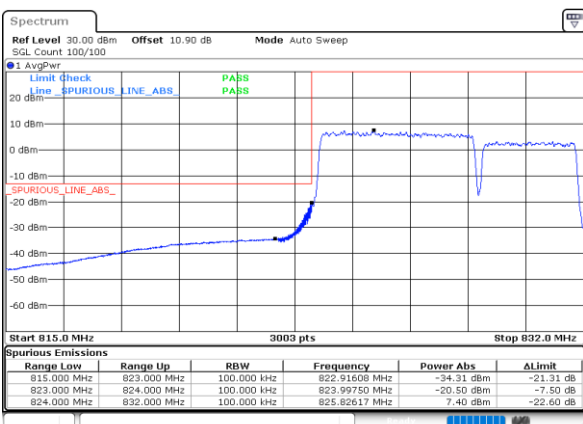
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



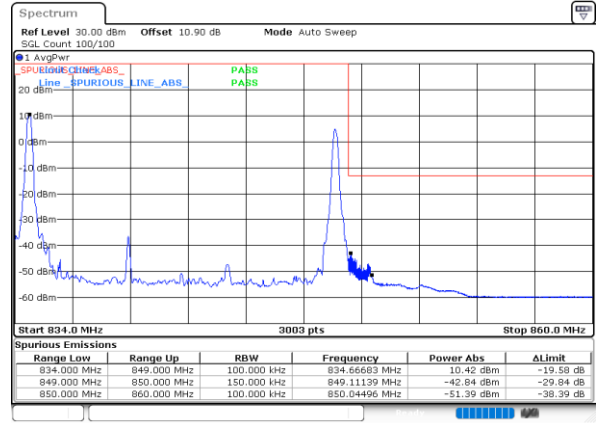
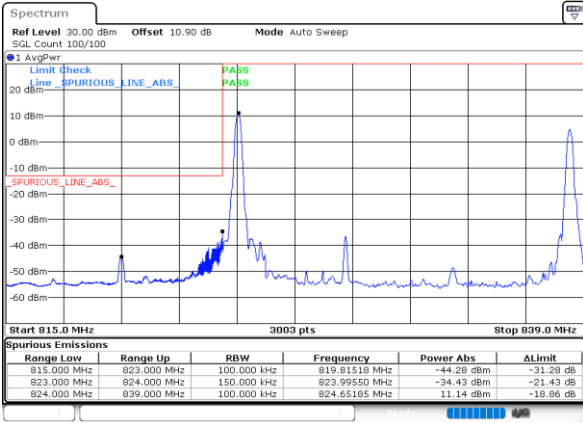


LTE Band 5B / 5MHz+10MHz

QPSK

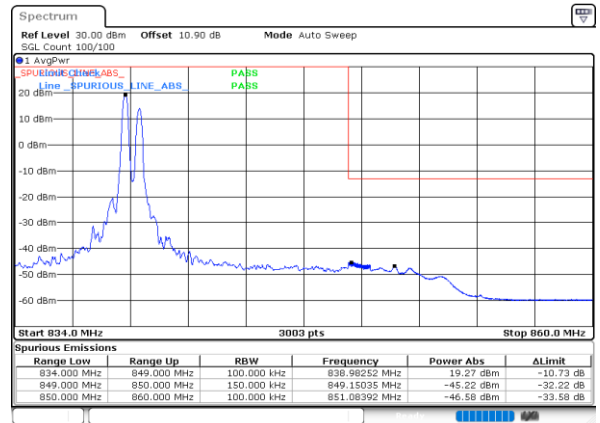
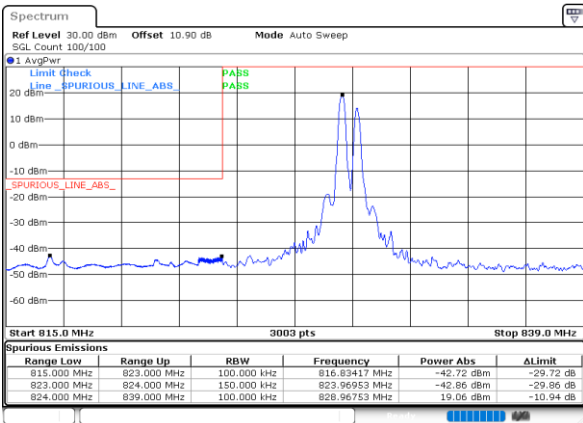
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



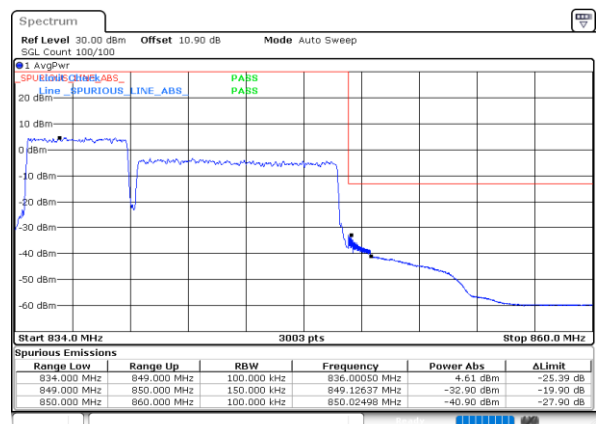
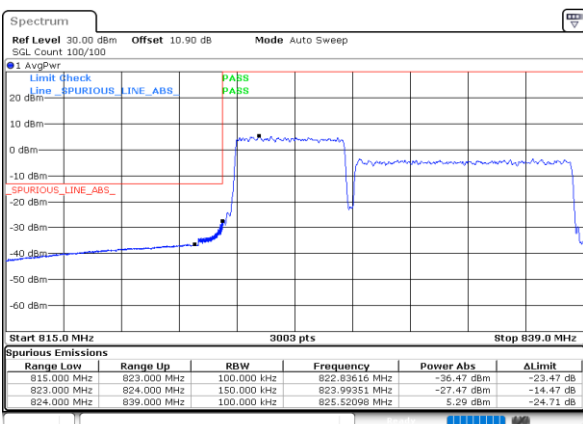
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

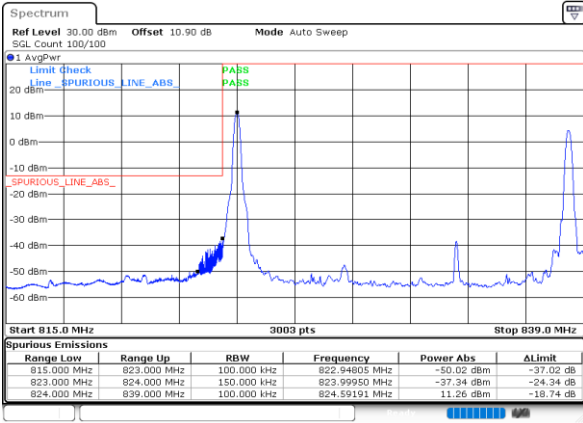




LTE Band 5B / 10MHz+5MHz

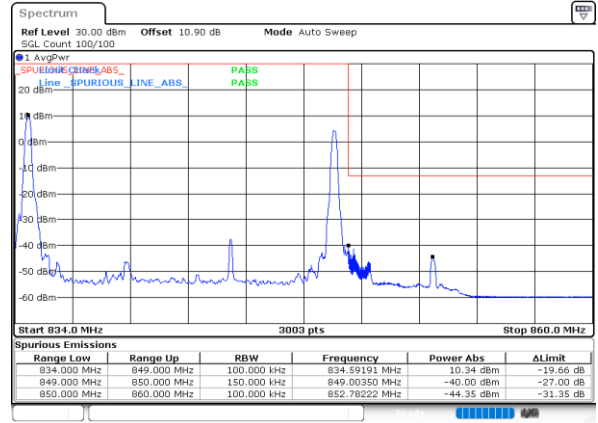
QPSK

Lowest Band Edge / 1RB0 and 1RB24



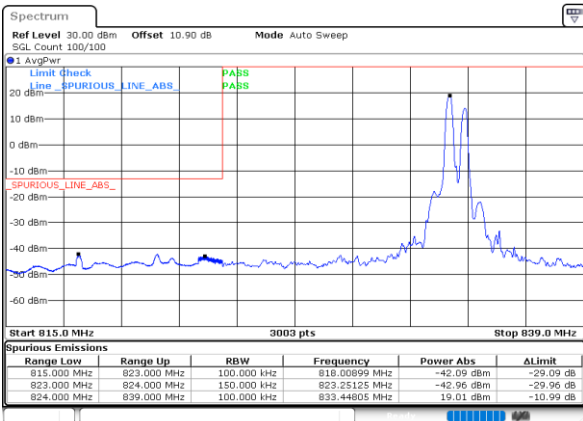
Date: 15.OCT.2022 03:21:49

Highest Band Edge / 1RB0 and 1RB24



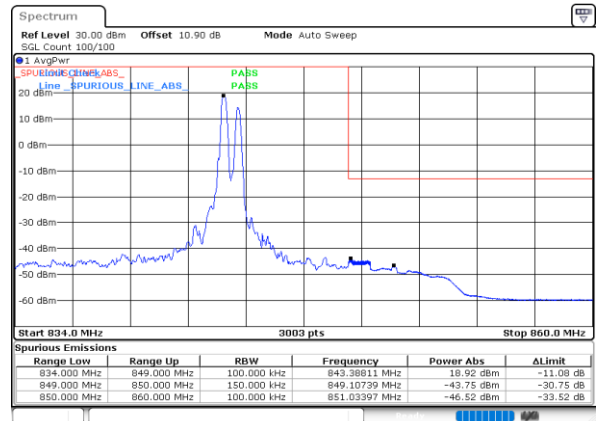
Date: 15.OCT.2022 03:07:43

Lowest Band Edge / 1RB49 and 1RB0



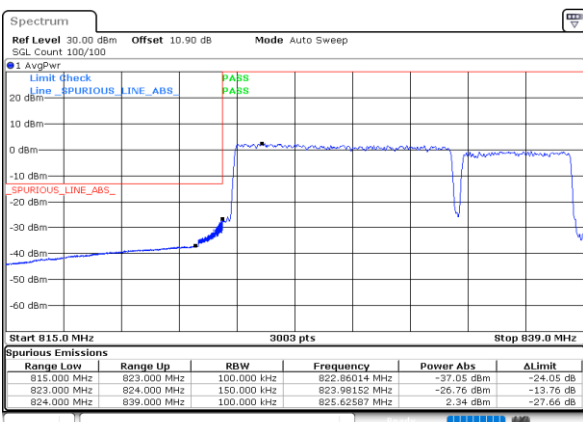
Date: 15.OCT.2022 03:22:51

Highest Band Edge / 1RB49 and 1RB0



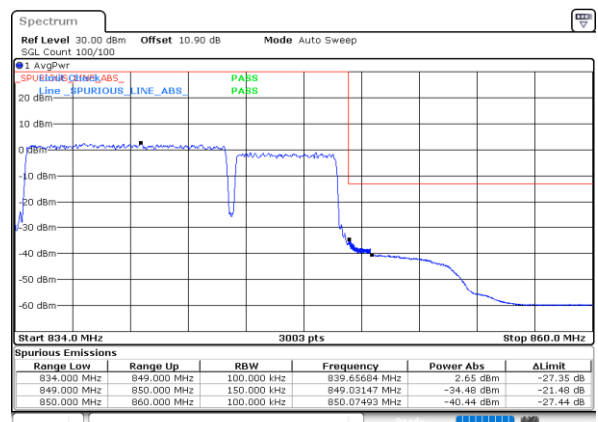
Date: 15.OCT.2022 03:12:52

Lowest Band Edge / Full RB



Date: 15.OCT.2022 03:16:38

Highest Band Edge / Full RB



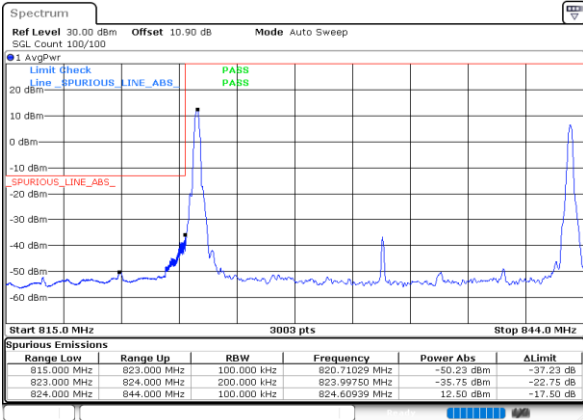
Date: 15.OCT.2022 03:06:41



LTE Band 5B / 10MHz+10MHz

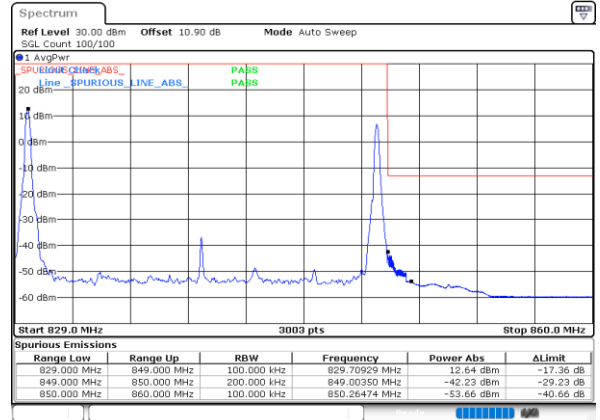
QPSK

Lowest Band Edge / 1RB0 and 1RB49



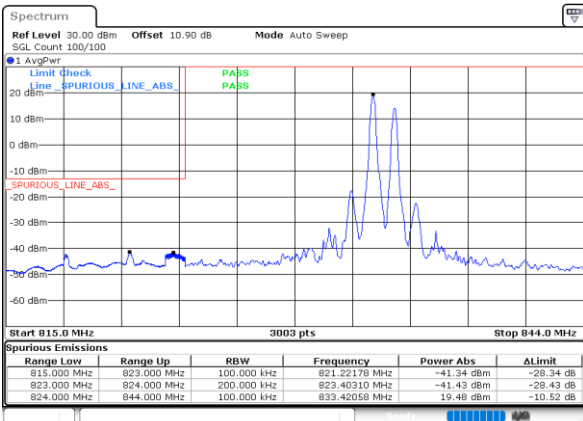
Date: 15.OCT.2022 03:51:11

Highest Band Edge / 1RB0 and 1RB49



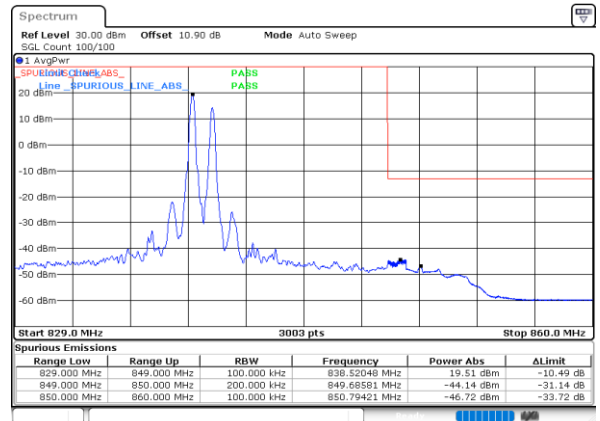
Date: 15.OCT.2022 03:37:38

Lowest Band Edge / 1RB49 and 1RB0



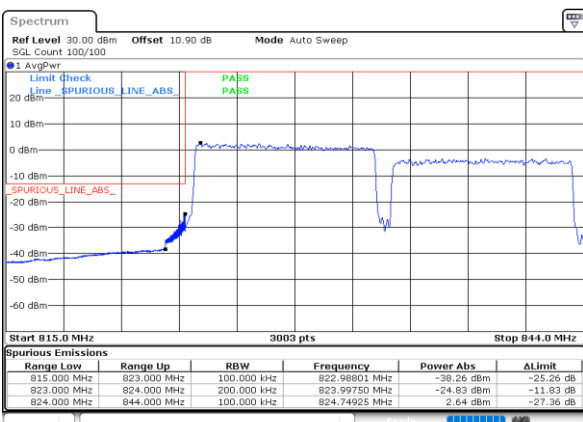
Date: 15.OCT.2022 03:52:11

Highest Band Edge / 1RB49 and 1RB0



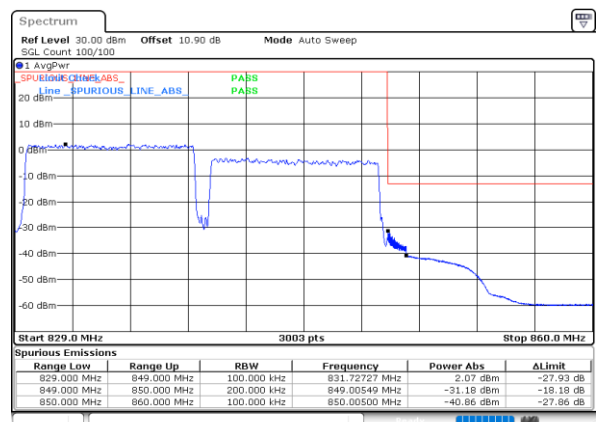
Date: 15.OCT.2022 03:42:35

Lowest Band Edge / Full RB



Date: 15.OCT.2022 03:46:13

Highest Band Edge / Full RB



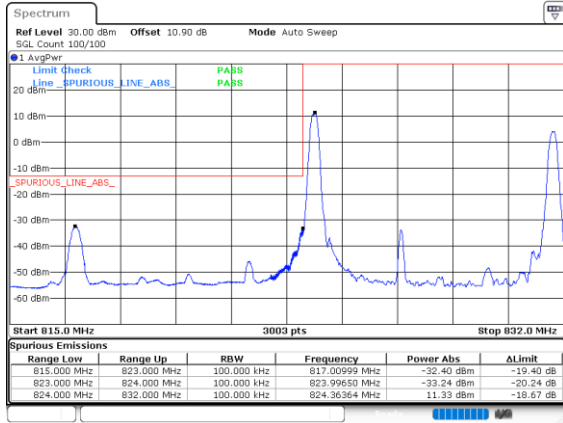
Date: 15.OCT.2022 03:36:38



LTE Band 5B / 3MHz+5MHz

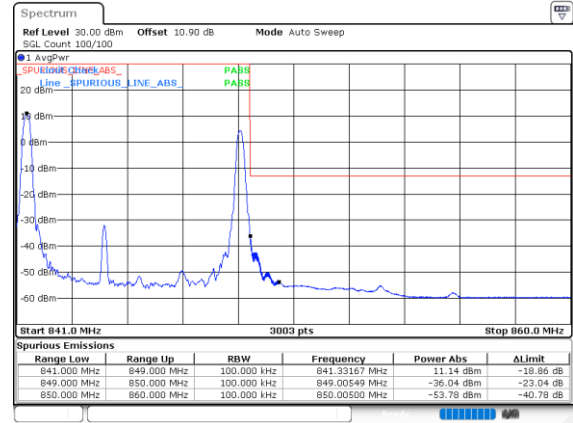
16QAM

Lowest Band Edge / 1RB0 and 1RB24



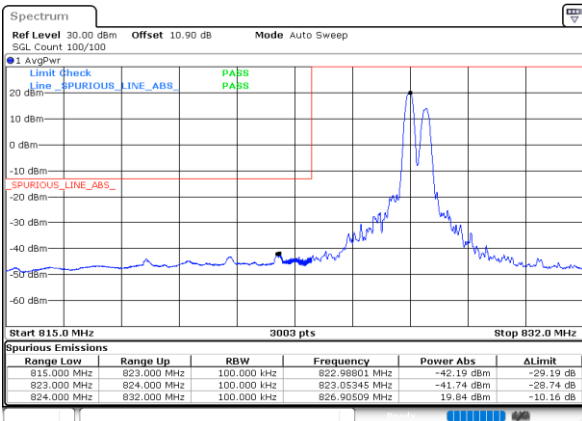
Date: 29.OCT.2022 02:03:44

Highest Band Edge / 1RB0 and 1RB24



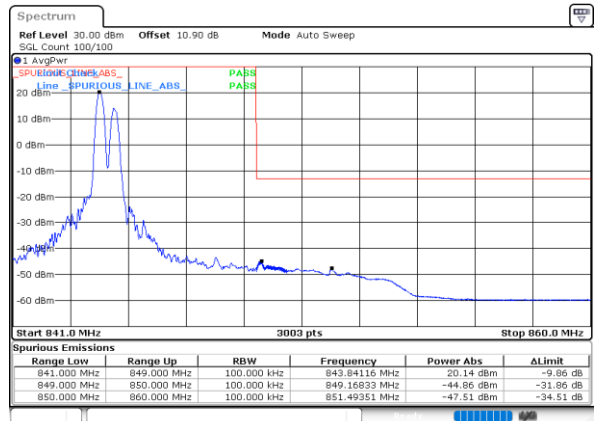
Date: 29.OCT.2022 02:07:55

Lowest Band Edge / 1RB14 and 1RB0



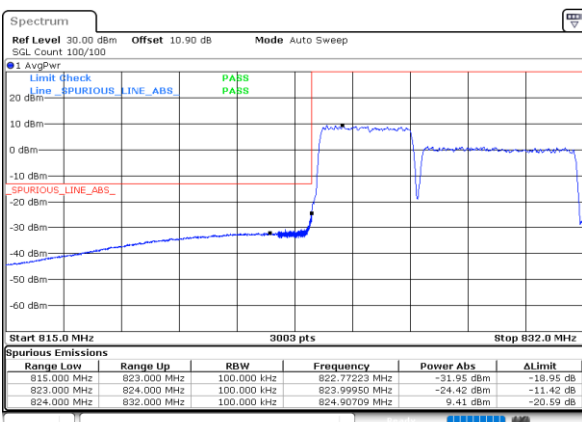
Date: 15.OCT.2022 01:44:18

Highest Band Edge / 1RB14 and 1RB0



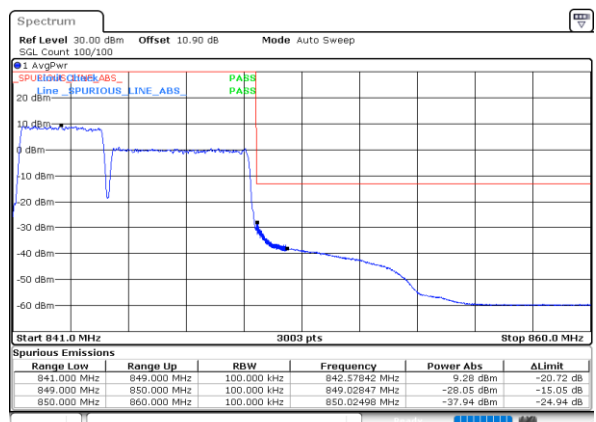
Date: 15.OCT.2022 01:24:56

Lowest Band Edge / Full RB



Date: 15.OCT.2022 01:32:11

Highest Band Edge / Full RB



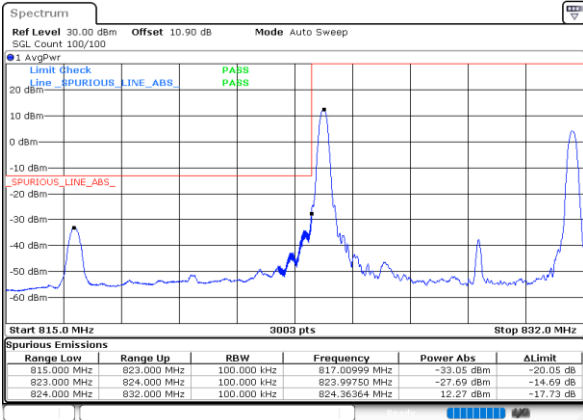
Date: 15.OCT.2022 01:09:03



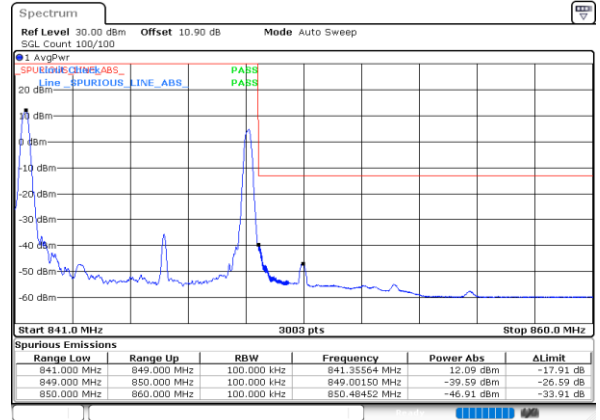
LTE Band 5B / 5MHz+3MHz

16QAM

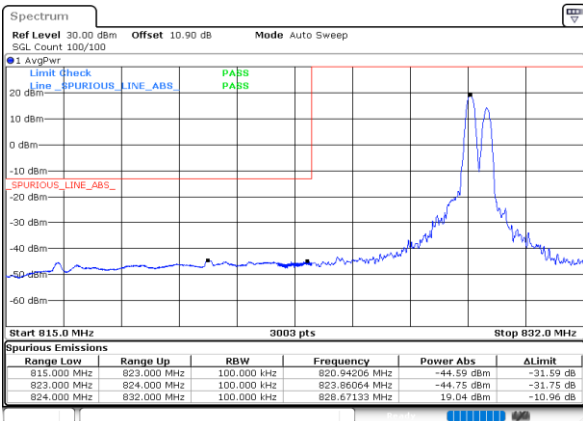
Lowest Band Edge / 1RB0 and 1RB14



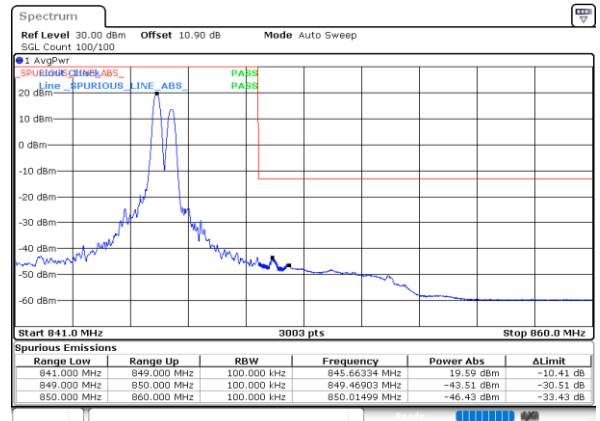
Highest Band Edge / 1RB0 and 1RB14



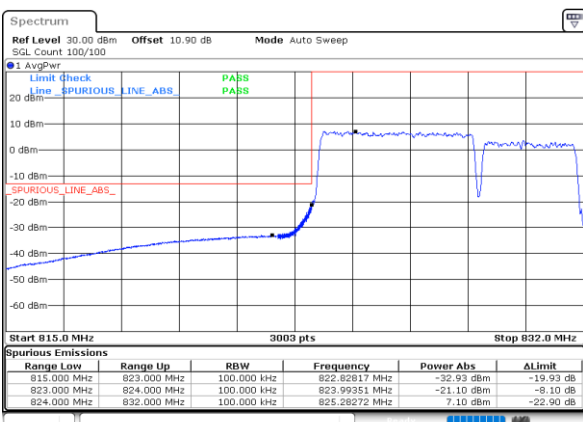
Lowest Band Edge / 1RB24 and 1RB0



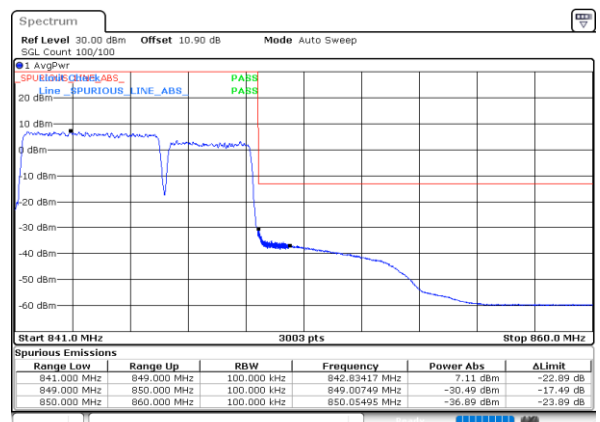
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



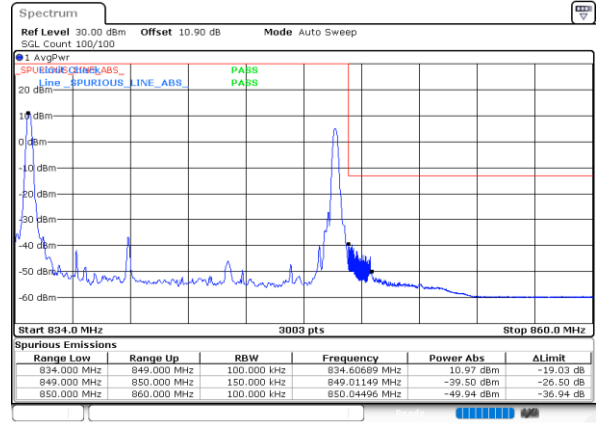
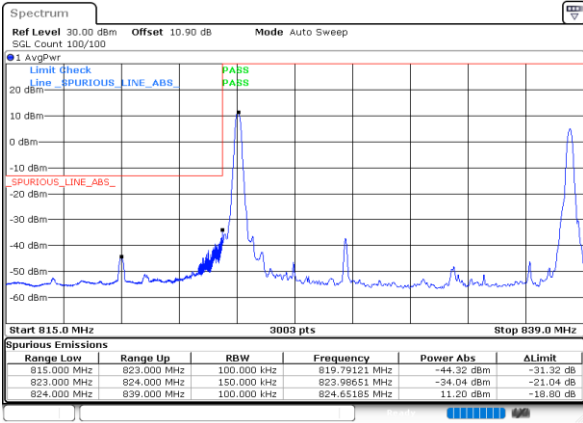


LTE Band 5B / 5MHz+10MHz

16QAM

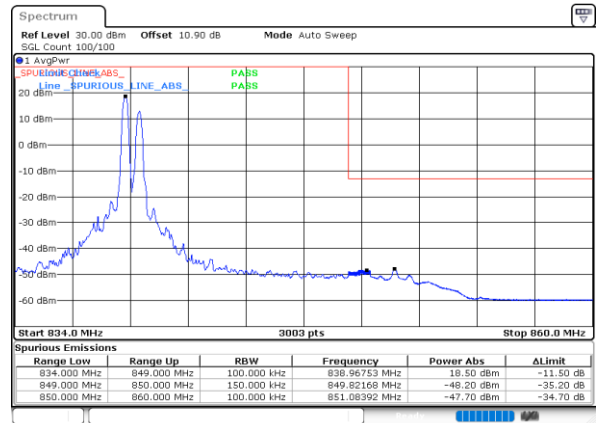
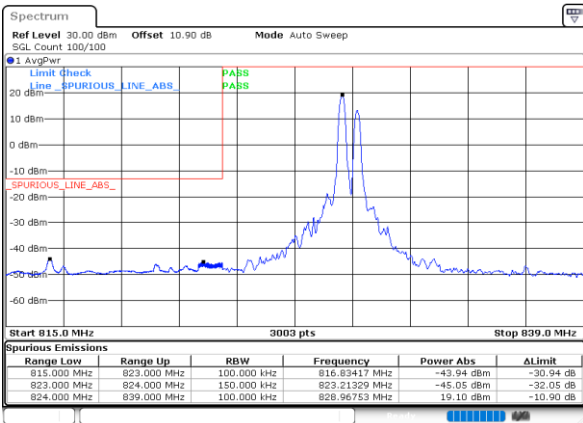
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



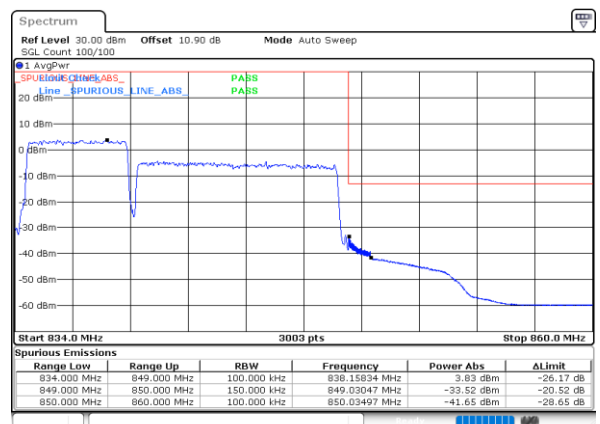
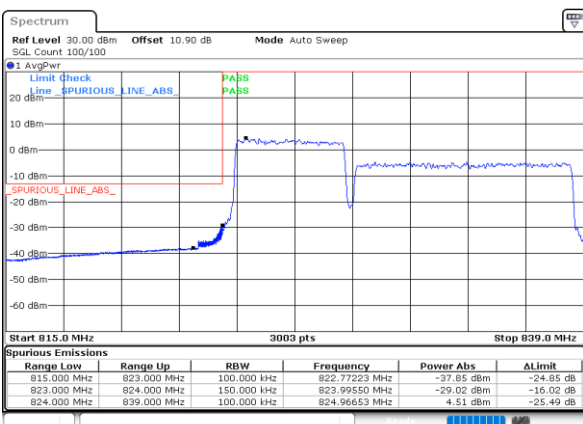
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

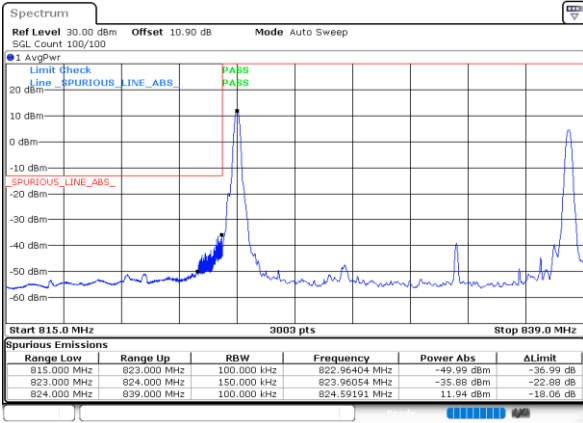




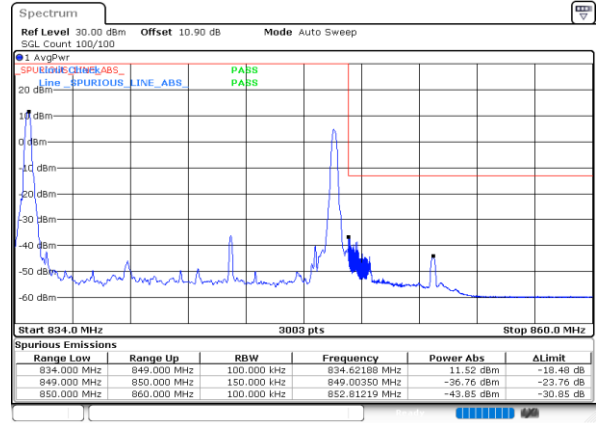
LTE Band 5B / 10MHz+5MHz

16QAM

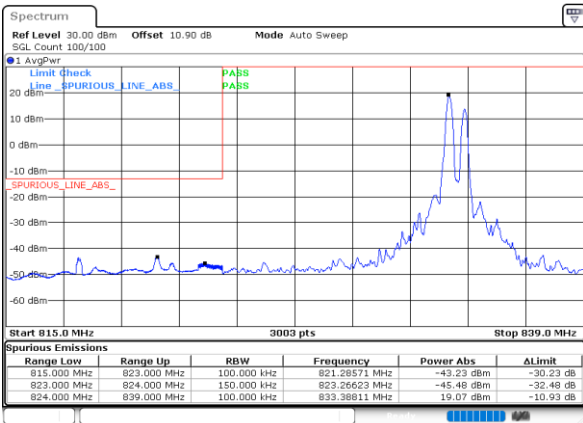
Lowest Band Edge / 1RB0 and 1RB24



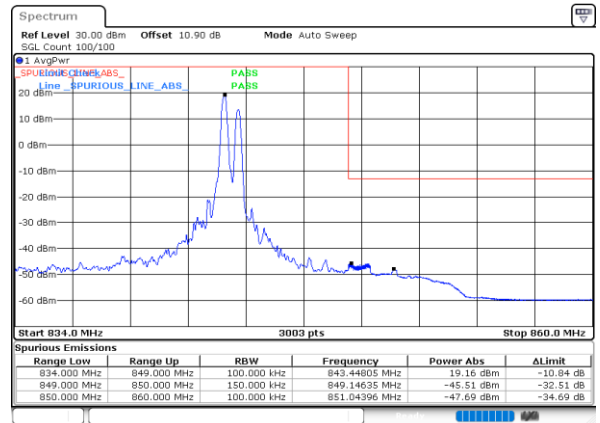
Highest Band Edge / 1RB0 and 1RB24



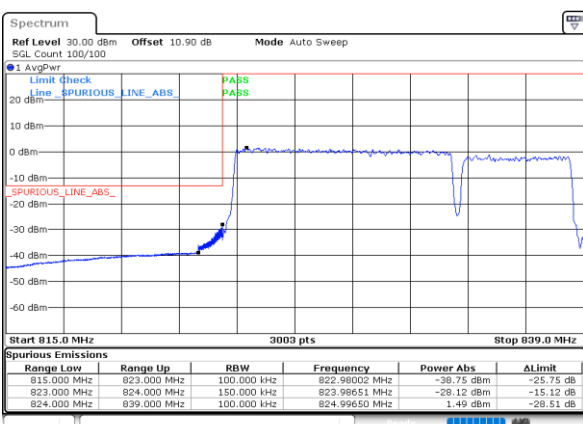
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

