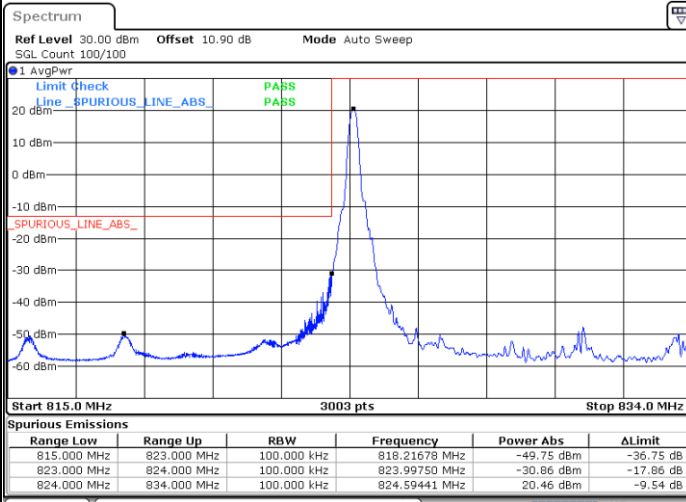




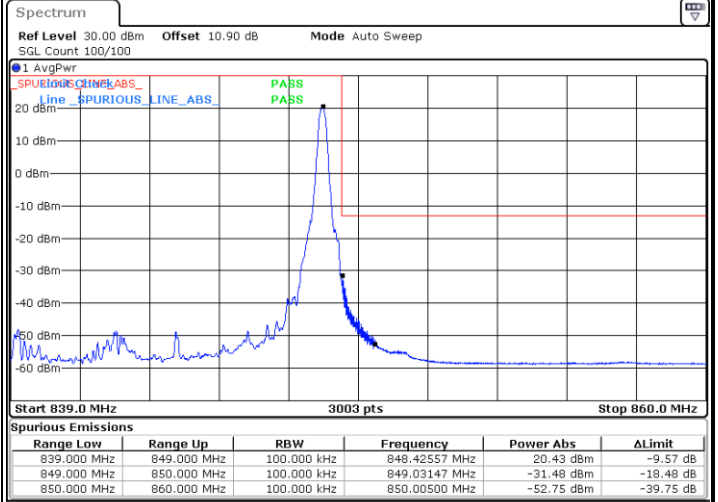
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



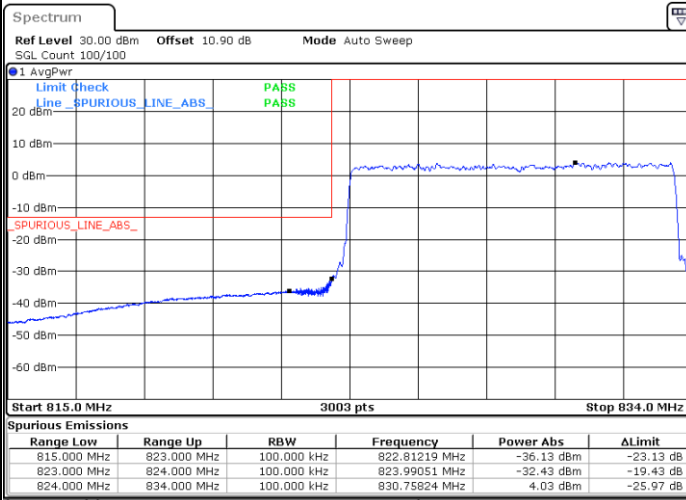
Date: 13.APR.2022 10:29:16

Highest Band Edge / 1 RB



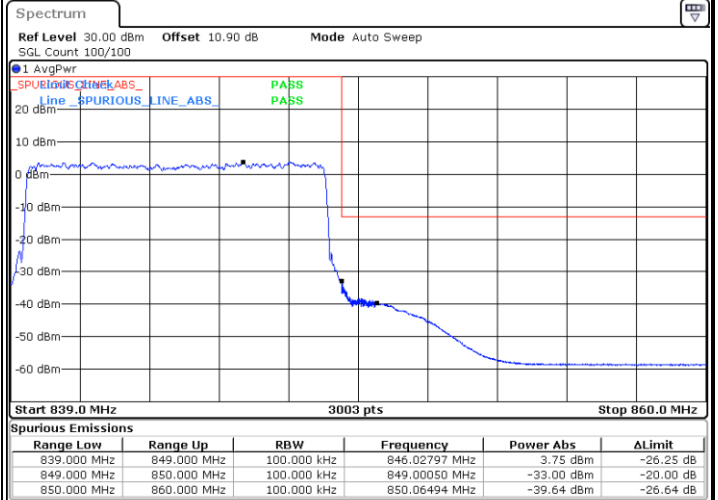
Date: 13.APR.2022 10:37:14

Lowest Band Edge / Full RB



Date: 13.APR.2022 10:31:08

Highest Band Edge / Full RB

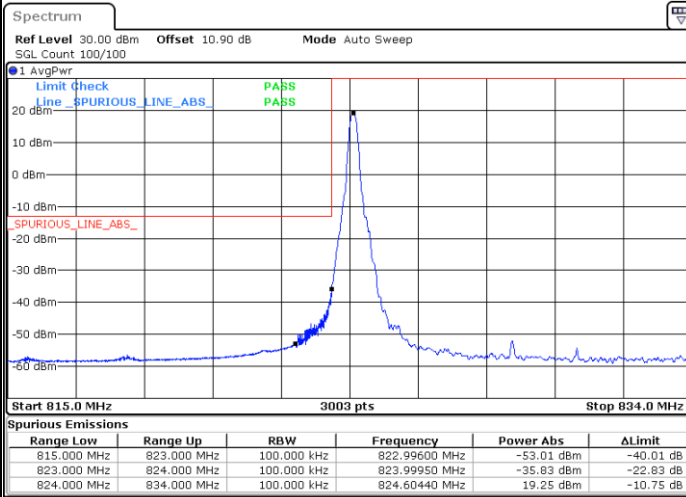


Date: 13.APR.2022 10:39:06



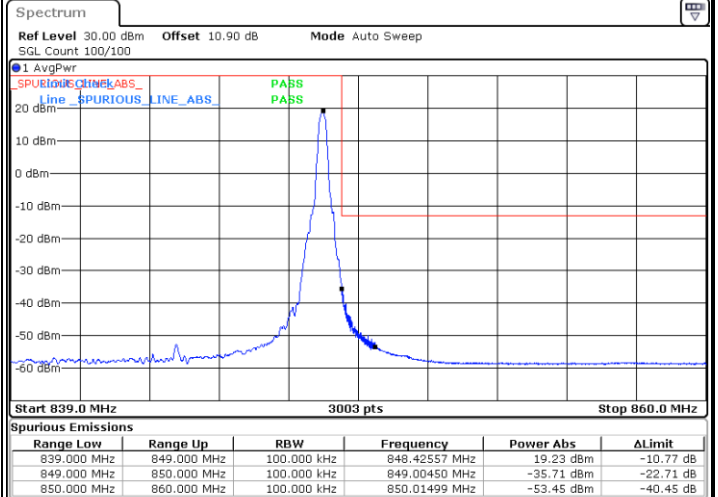
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



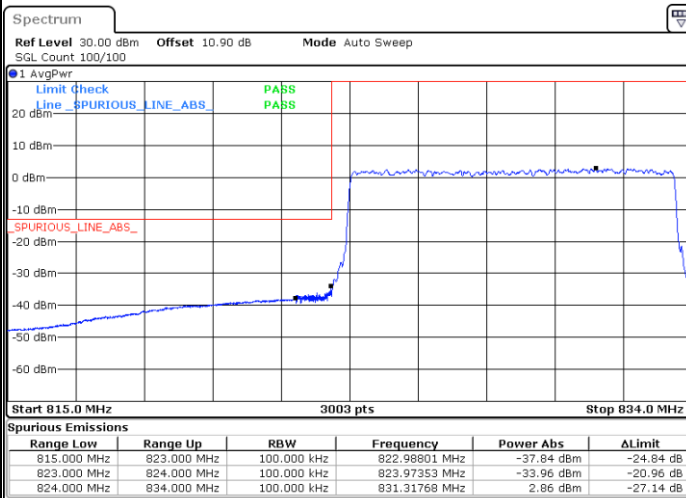
Date: 13.APR.2022 10:41:17

Highest Band Edge / 1 RB



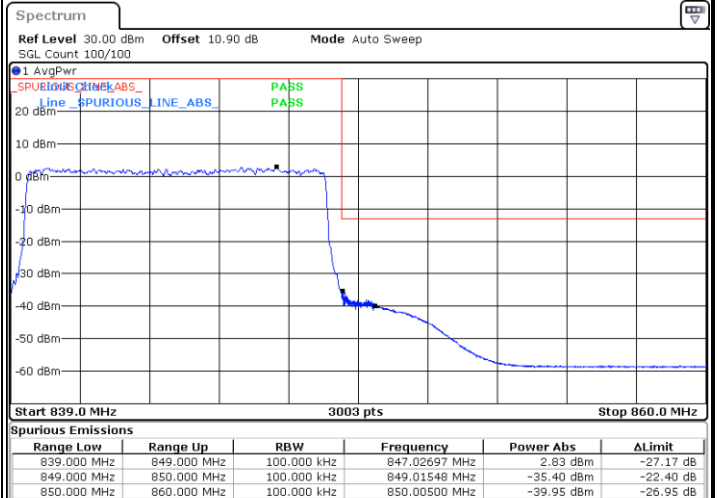
Date: 13.APR.2022 10:43:49

Lowest Band Edge / Full RB



Date: 13.APR.2022 10:42:13

Highest Band Edge / Full RB

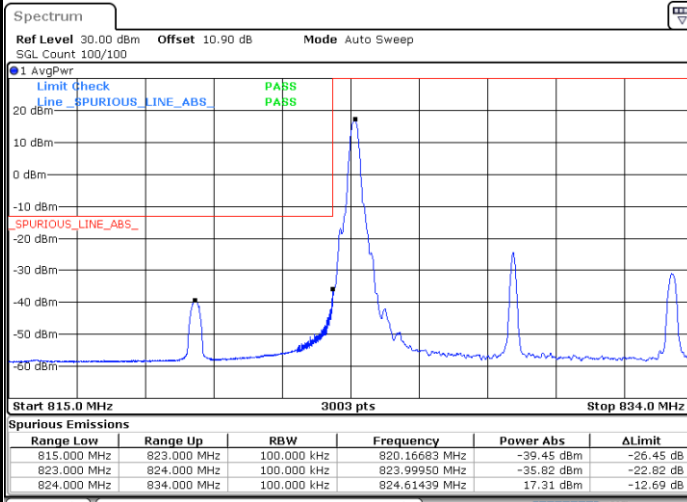


Date: 13.APR.2022 10:44:44



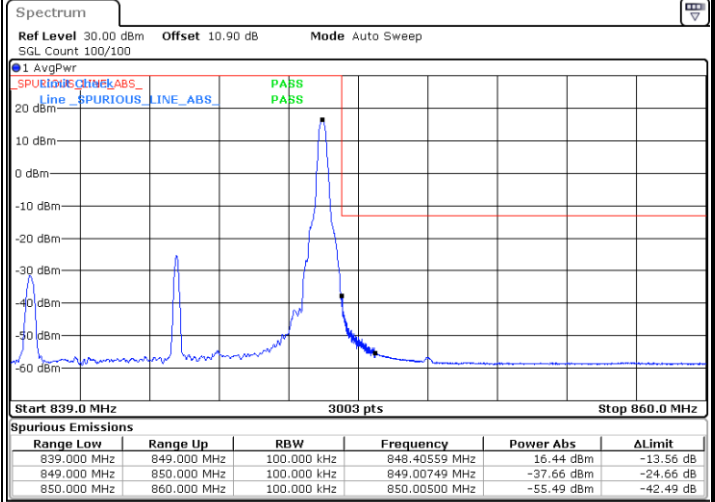
LTE Band 5 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



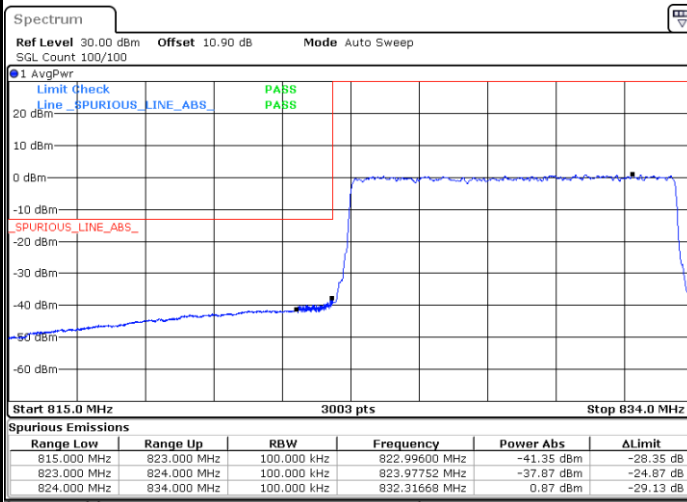
Date: 13.APR.2022 11:03:05

Highest Band Edge / 1 RB



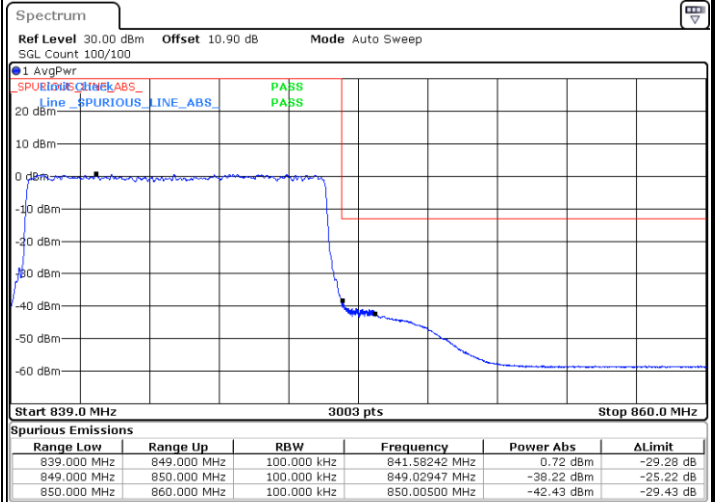
Date: 13.APR.2022 11:05:39

Lowest Band Edge / Full RB



Date: 13.APR.2022 11:04:04

Highest Band Edge / Full RB



Date: 13.APR.2022 11:06:38



Conducted Spurious Emission

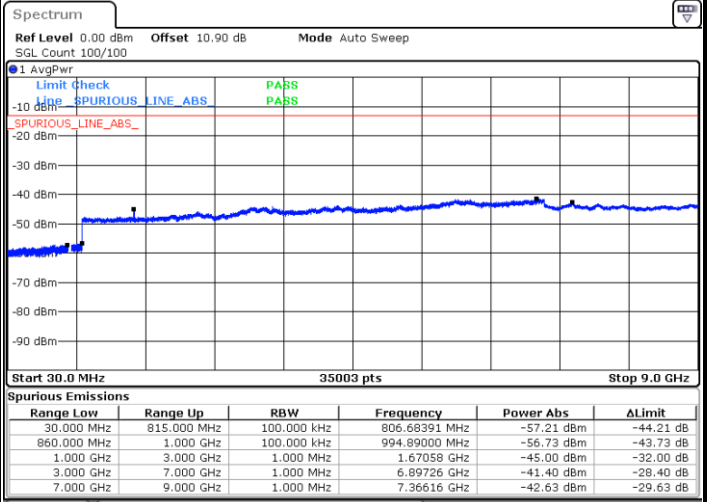
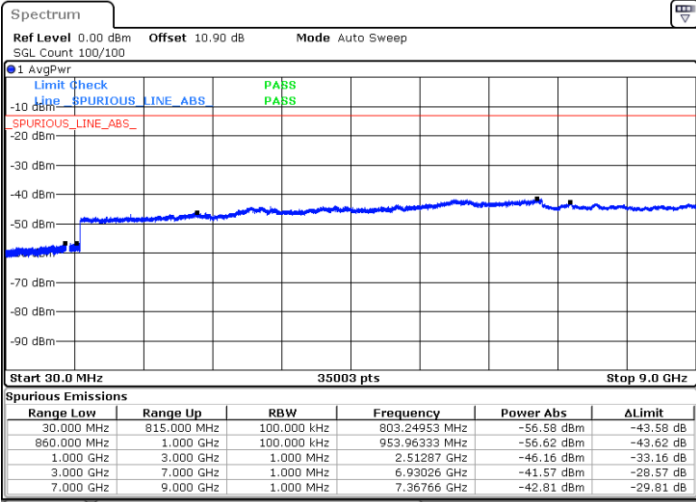




LTE Band 5 / 3MHz

Lowest Channel / QPSK

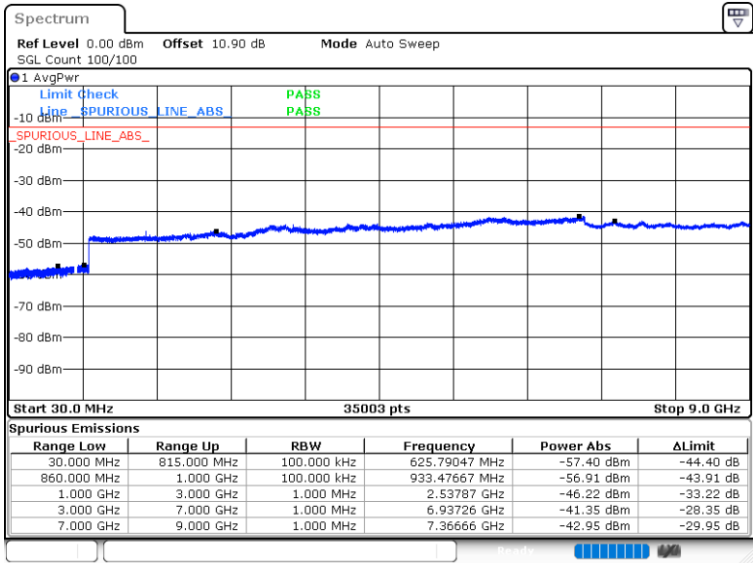
Middle Channel / QPSK



Date: 13.APR.2022 09:57:41

Date: 13.APR.2022 10:00:40

Highest Channel / QPSK



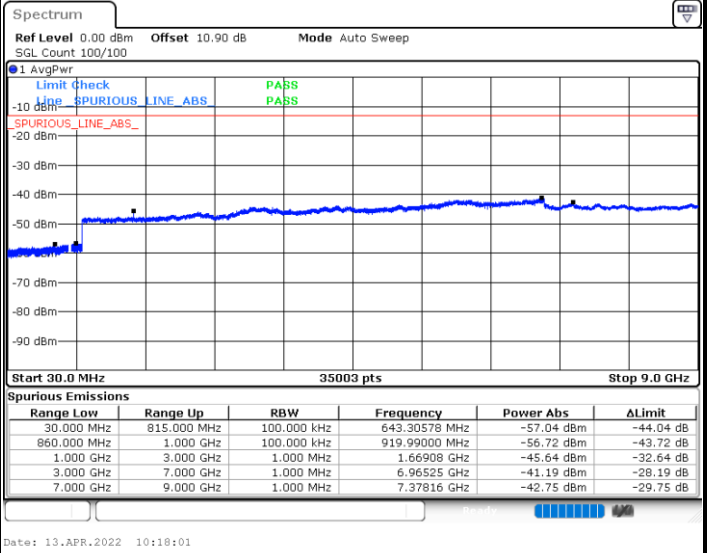
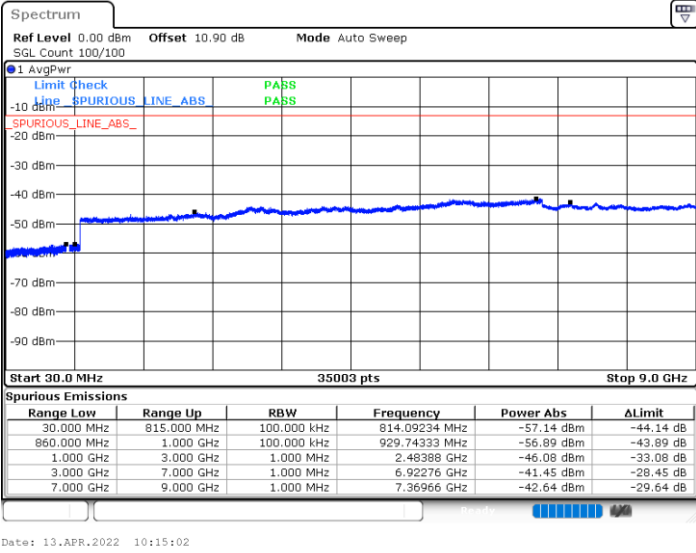
Date: 13.APR.2022 10:05:39



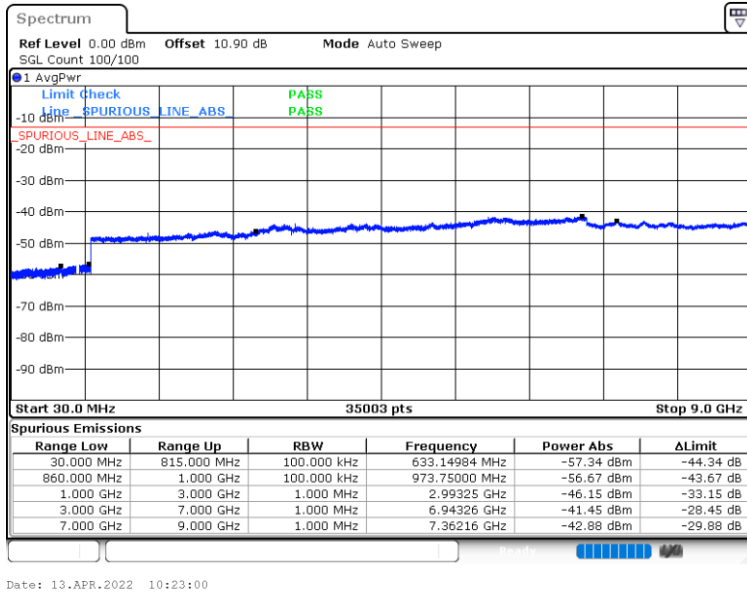
LTE Band 5 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

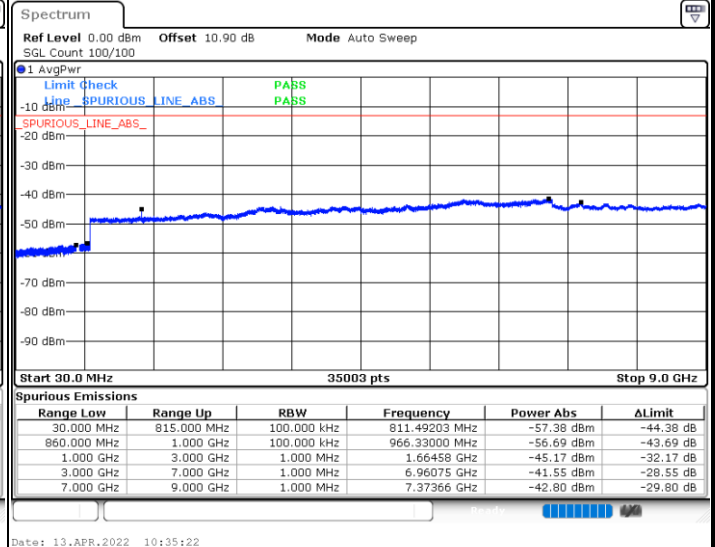
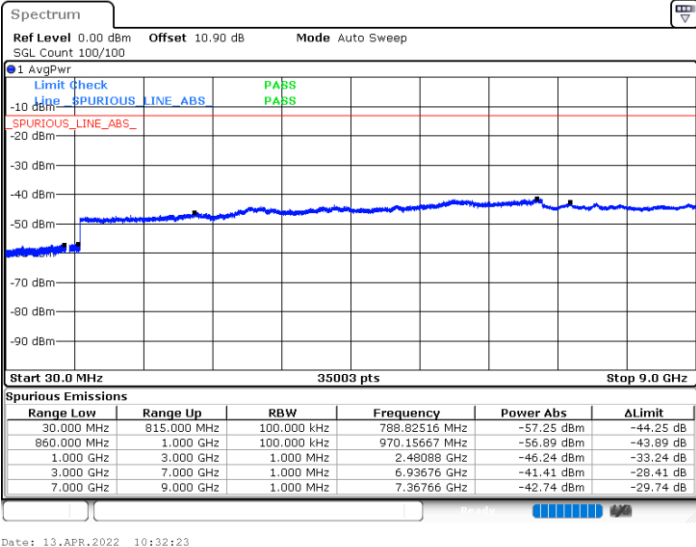




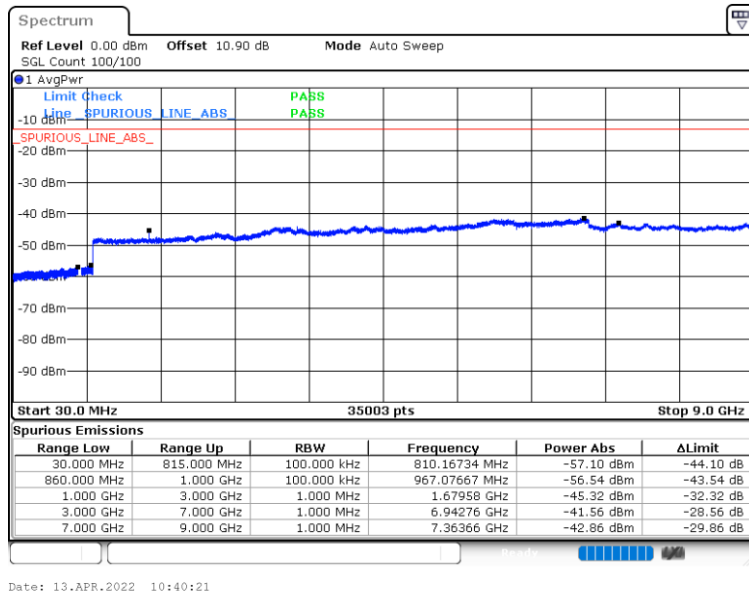
LTE Band 5 / 10MHz

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	0.0106	PASS
40	Normal Voltage	0.0121	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0171	
0	Normal Voltage	0.0080	
-10	Normal Voltage	0.0060	
-20	Normal Voltage	0.0065	
-30	Normal Voltage	0.0039	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0096	

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 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.12	8.18	14.60
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.69	19.54	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.20	8.22	14.51
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.57	19.58	-

Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.09	8.17	14.60
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.69	19.54	-

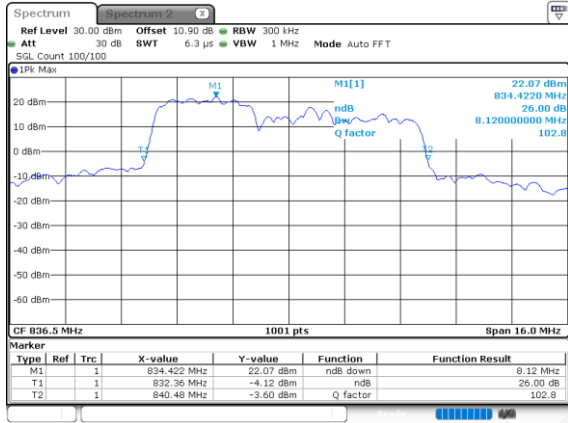
Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.12	8.15	14.48
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.66	19.66	-



LTE Band 5B

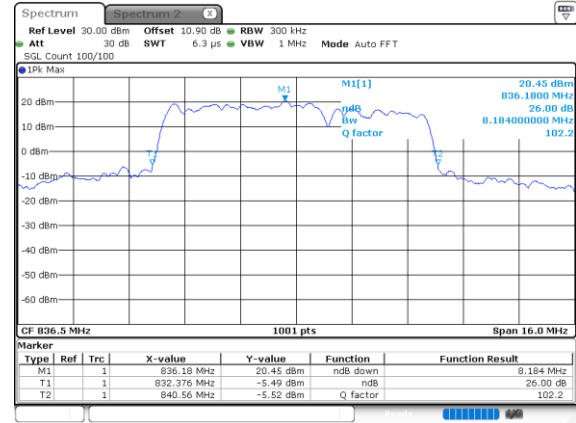
QPSK

Middle Channel / 3MHz+5MHz



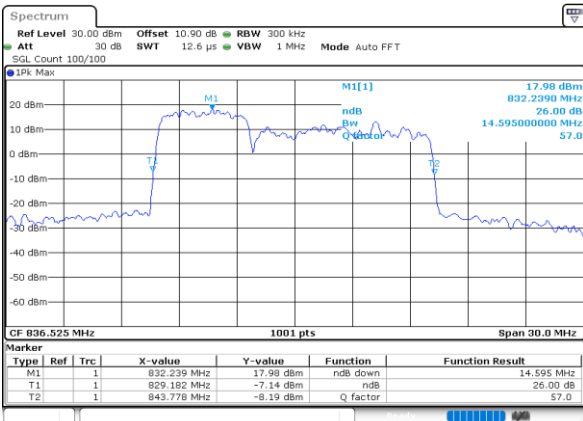
Date: 11.APR.2022 16:40:34

Middle Channel / 5MHz+3MHz



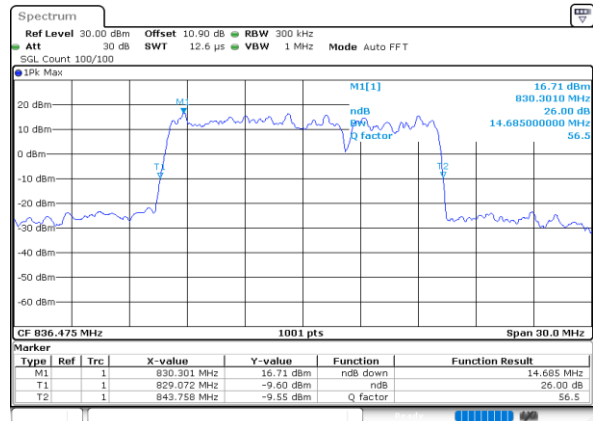
Date: 11.APR.2022 17:10:26

Middle Channel / 5MHz+10MHz



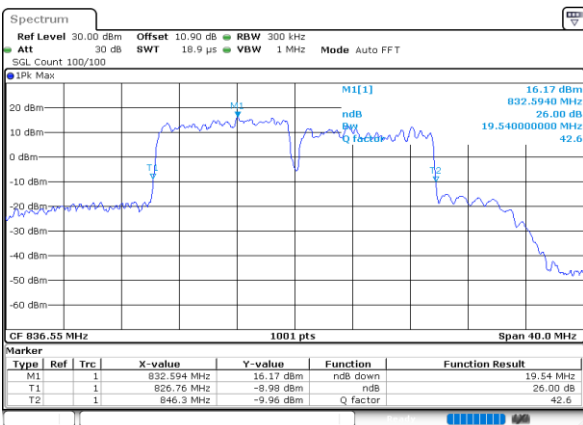
Date: 12.APR.2022 13:59:57

Middle Channel / 10MHz+5MHz



Date: 12.APR.2022 14:28:57

Middle Channel / 10MHz+10MHz



Date: 13.APR.2022 09:17:53

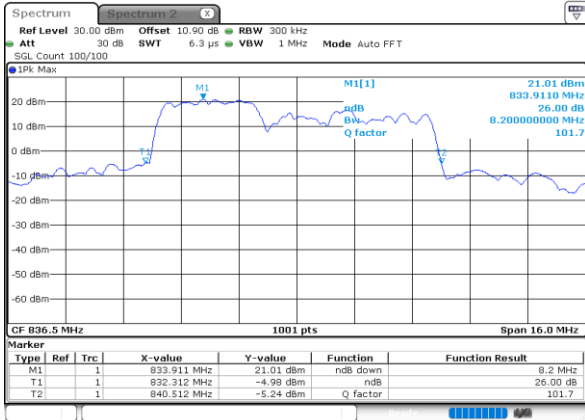
N/A



LTE Band 5B

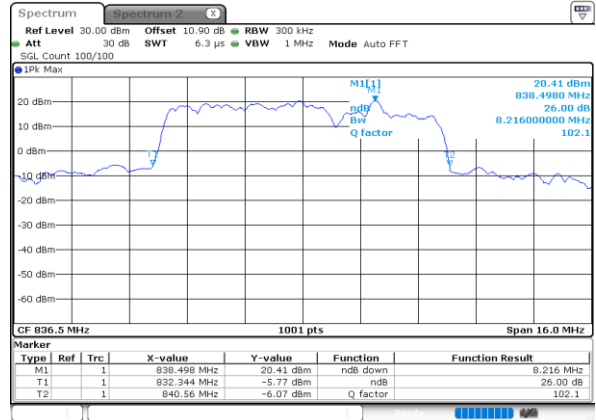
16QAM

Middle Channel / 3MHz+5MHz



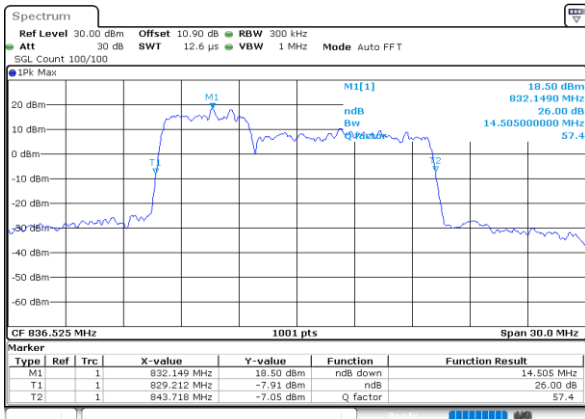
Date: 11.APR.2022 16:40:03

Middle Channel / 5MHz+3MHz



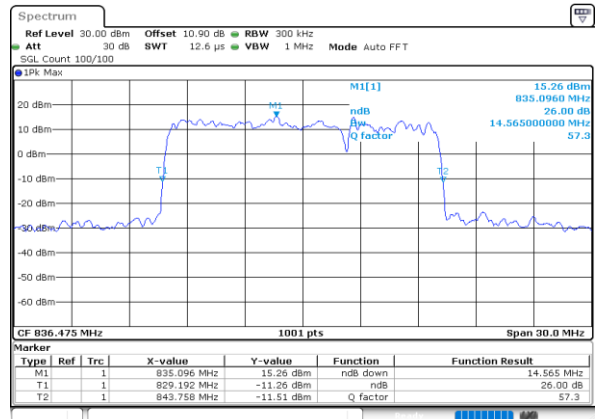
Date: 11.APR.2022 17:09:56

Middle Channel / 5MHz+10MHz



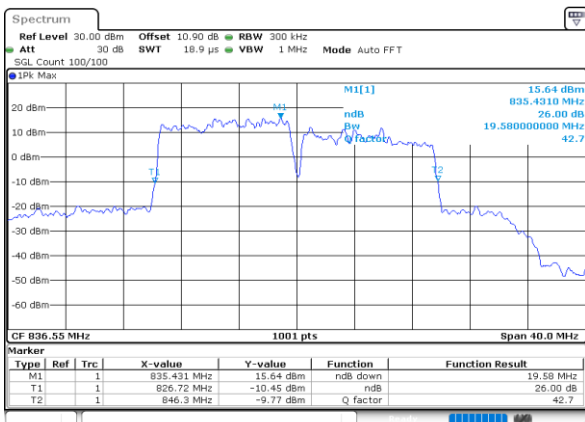
Date: 12.APR.2022 13:59:27

Middle Channel / 10MHz+5MHz



Date: 12.APR.2022 14:28:27

Middle Channel / 10MHz+10MHz



Date: 13.APR.2022 09:18:35

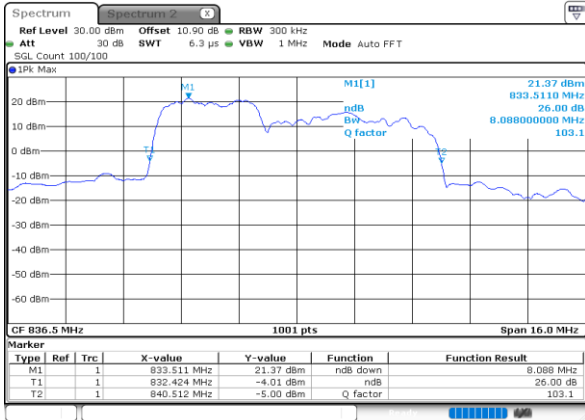
N/A



LTE Band 5B

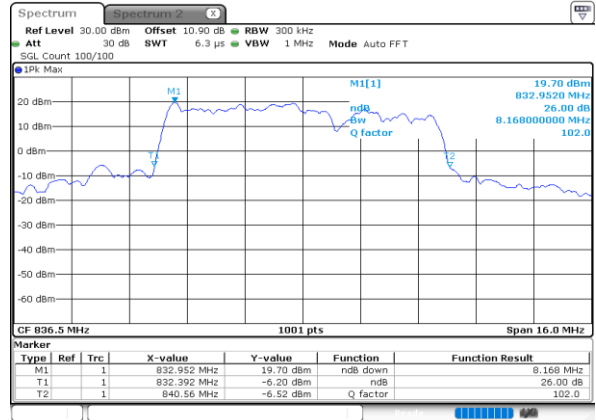
64QAM

Middle Channel / 3MHz+5MHz



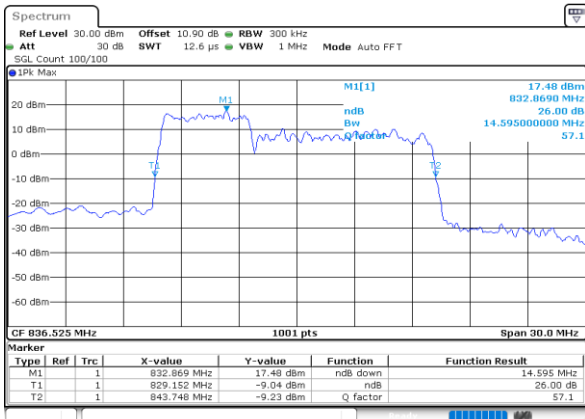
Date: 11.APR.2022 16:39:33

Middle Channel / 5MHz+3MHz



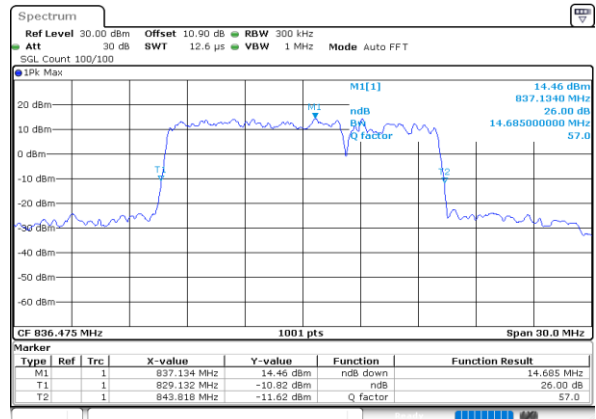
Date: 11.APR.2022 17:09:25

Middle Channel / 5MHz+10MHz



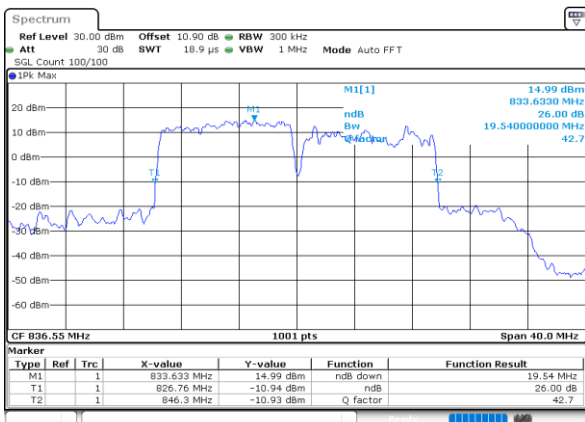
Date: 12.APR.2022 13:58:57

Middle Channel / 10MHz+5MHz



Date: 12.APR.2022 14:27:56

Middle Channel / 10MHz+10MHz



Date: 13.APR.2022 09:19:24

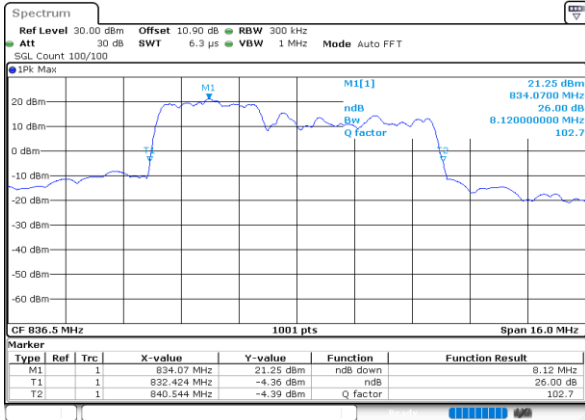
N/A



LTE Band 5B

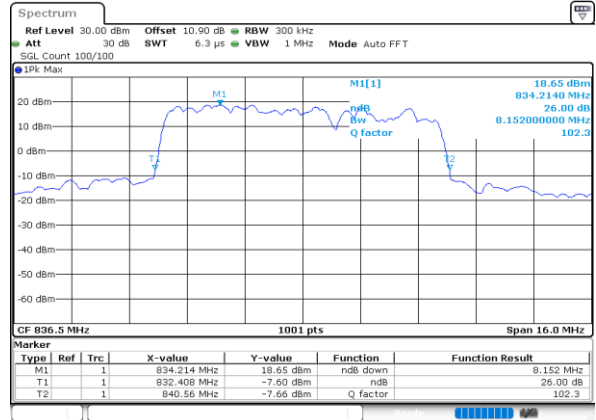
256QAM

Middle Channel / 3MHz+5MHz



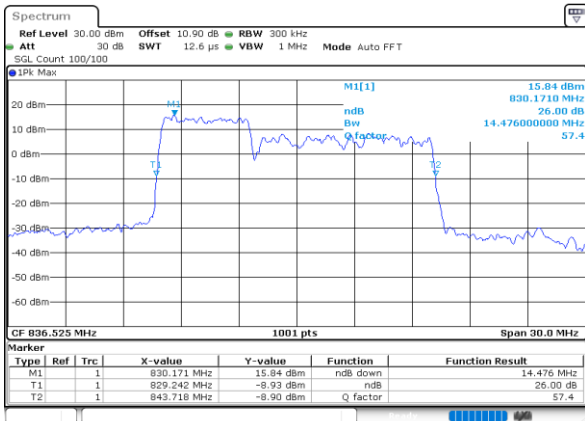
Date: 12.APR.2022 15:07:45

Middle Channel / 5MHz+3MHz



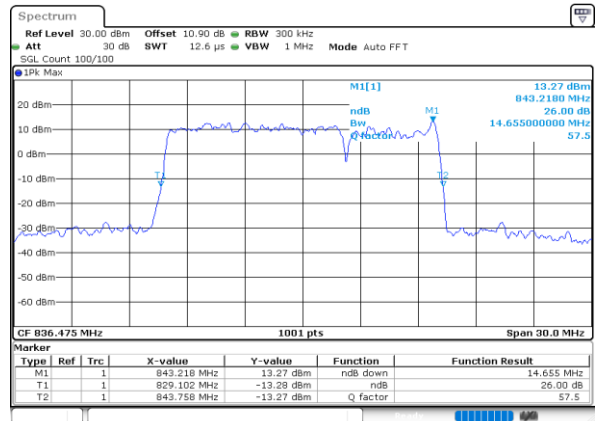
Date: 12.APR.2022 15:14:52

Middle Channel / 5MHz+10MHz



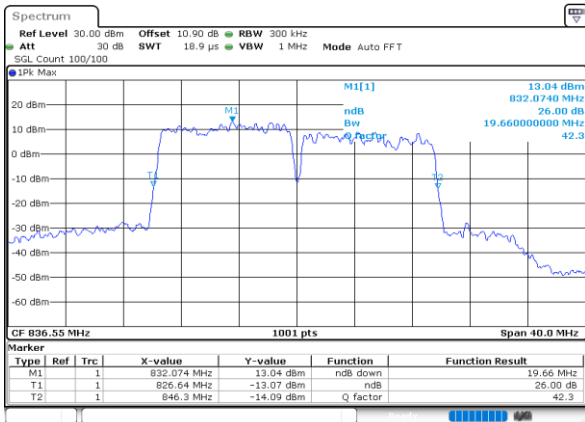
Date: 12.APR.2022 15:21:57

Middle Channel / 10MHz+5MHz



Date: 12.APR.2022 15:29:05

Middle Channel / 10MHz+10MHz



Date: 12.APR.2022 15:36:09

N/A



Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.58	7.58	13.85
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.82	18.66	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.66	7.64	13.73
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.88	18.78	-

Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.53	7.53	13.85
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.79	18.70	-

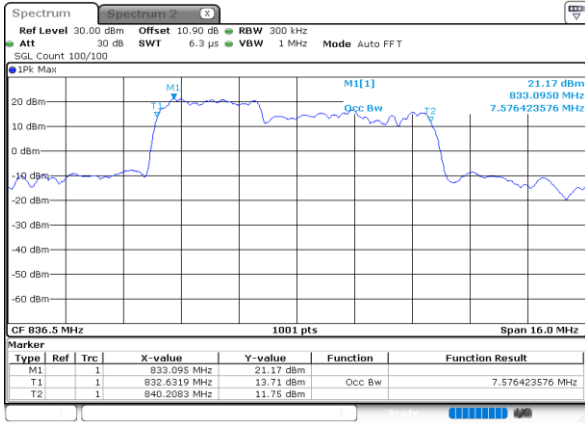
Mode	LTE Band 5B : 99%OBW(MHz)		
254QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.50	7.53	13.88
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.79	18.70	-



LTE Band 5B

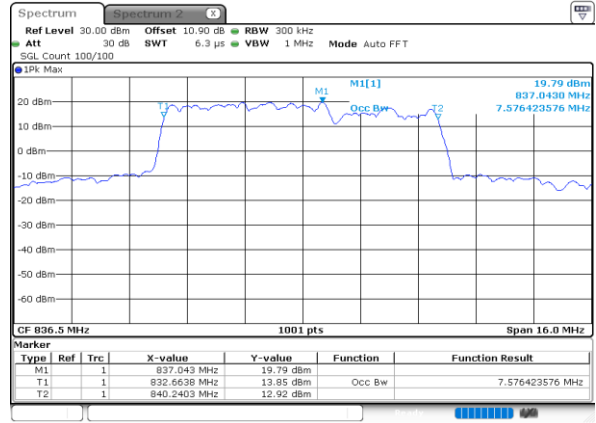
QPSK

Middle Channel / 3MHz+5MHz



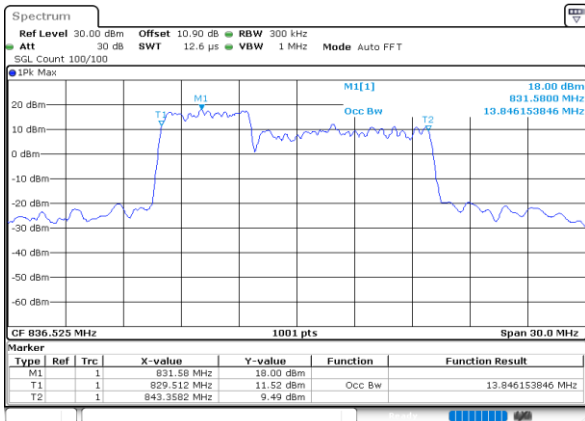
Date: 11.APR.2022 16:38:03

Middle Channel / 5MHz+3MHz



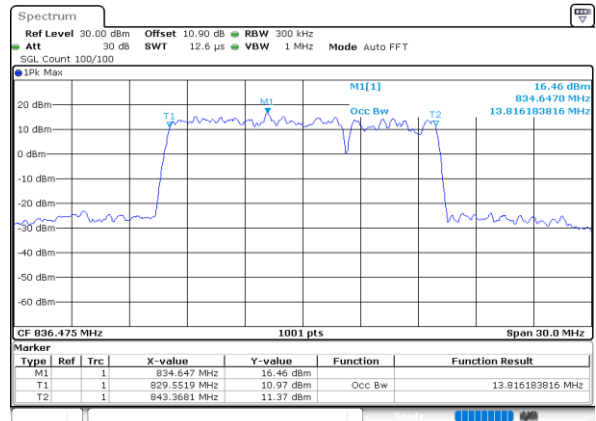
Date: 11.APR.2022 17:07:56

Middle Channel / 5MHz+10MHz



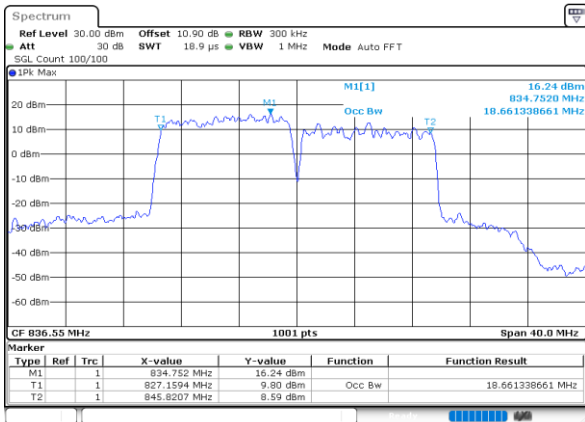
Date: 12.APR.2022 13:57:27

Middle Channel / 10MHz+5MHz



Date: 12.APR.2022 14:26:26

Middle Channel / 10MHz+10MHz



Date: 12.APR.2022 14:55:24

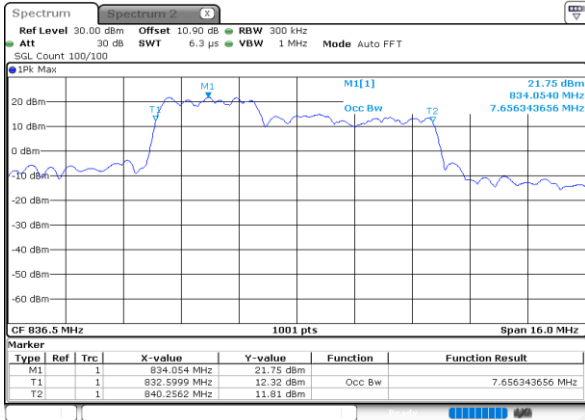
N/A



LTE Band 5B

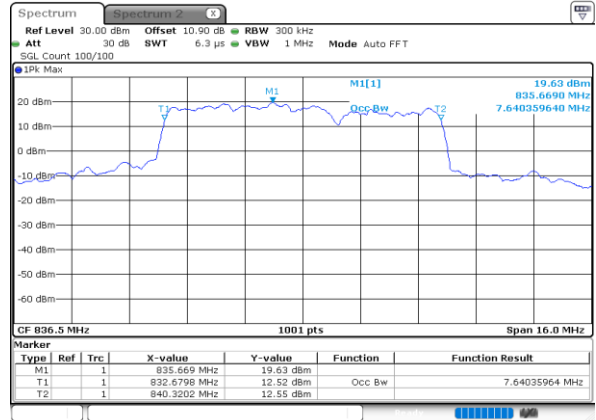
16QAM

Middle Channel / 3MHz+5MHz



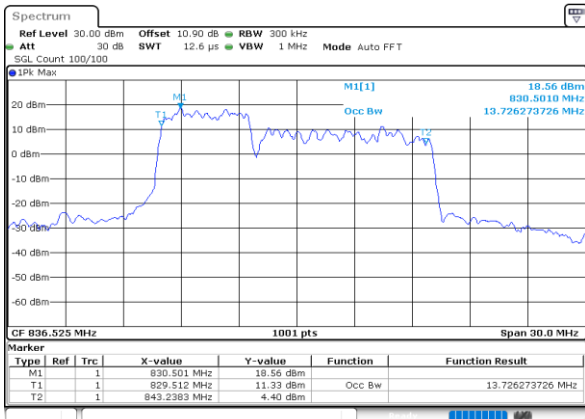
Date: 11.APR.2022 16:38:33

Middle Channel / 5MHz+3MHz



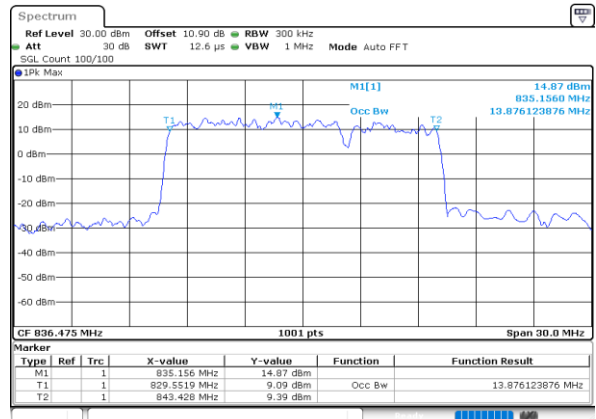
Date: 11.APR.2022 17:08:26

Middle Channel / 5MHz+10MHz



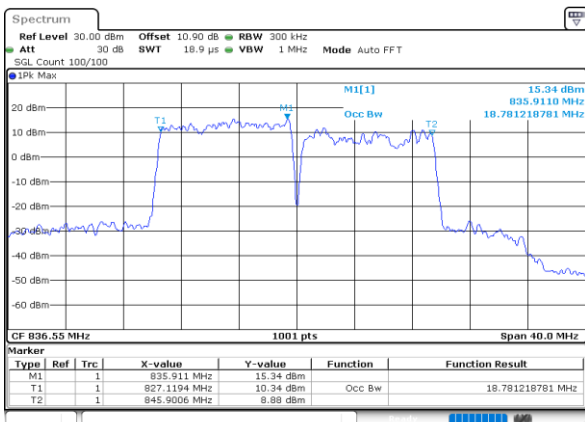
Date: 12.APR.2022 13:57:57

Middle Channel / 10MHz+5MHz



Date: 12.APR.2022 14:26:57

Middle Channel / 10MHz+10MHz



Date: 12.APR.2022 14:55:54

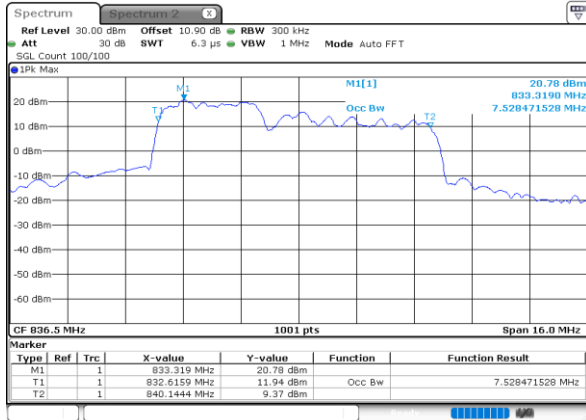
N/A



LTE Band 5B

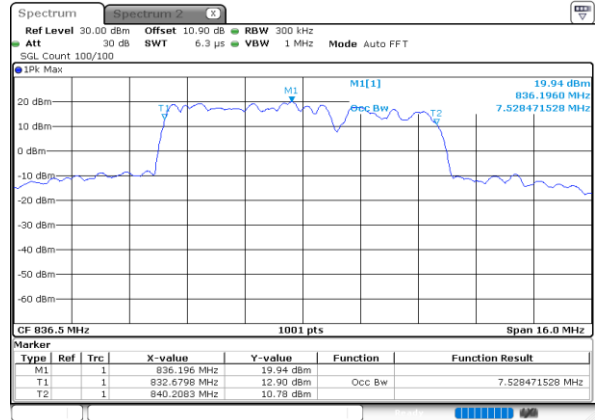
64QAM

Middle Channel / 3MHz+5MHz



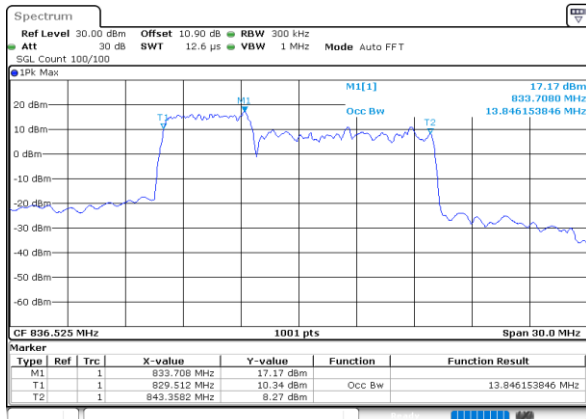
Date: 11.APR.2022 16:39:04

Middle Channel / 5MHz+3MHz



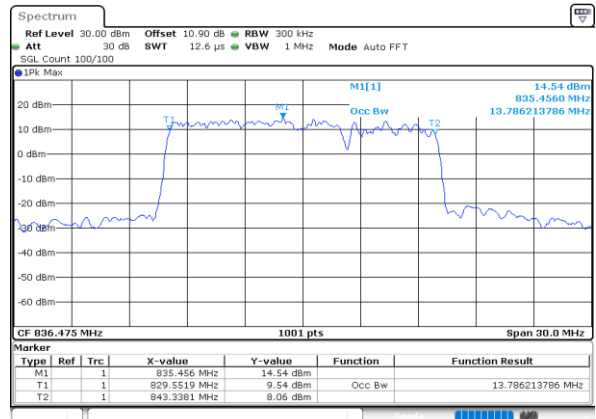
Date: 11.APR.2022 17:08:56

Middle Channel / 5MHz+10MHz



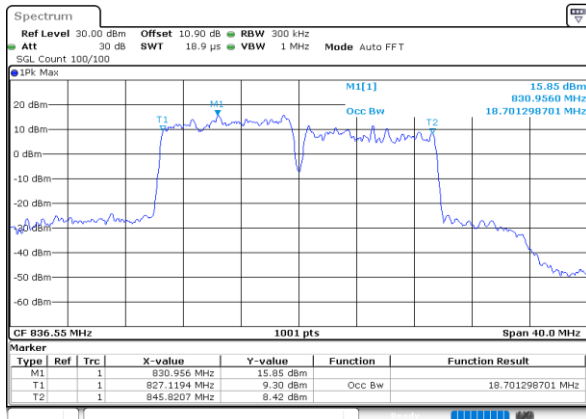
Date: 12.APR.2022 13:58:27

Middle Channel / 10MHz+5MHz



Date: 12.APR.2022 14:27:27

Middle Channel / 10MHz+10MHz



Date: 12.APR.2022 14:56:24

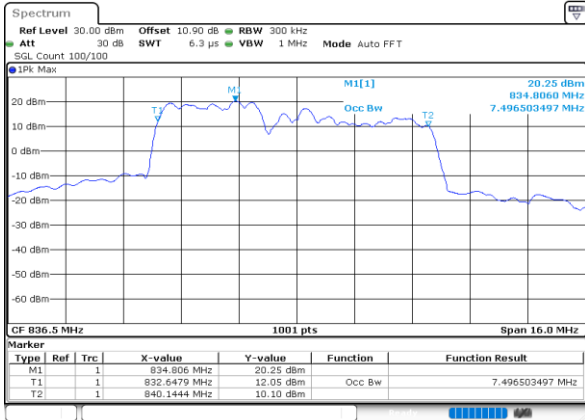
N/A



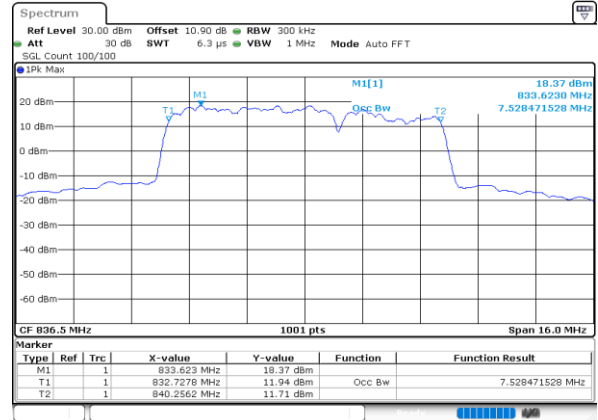
LTE Band 5B

256QAM

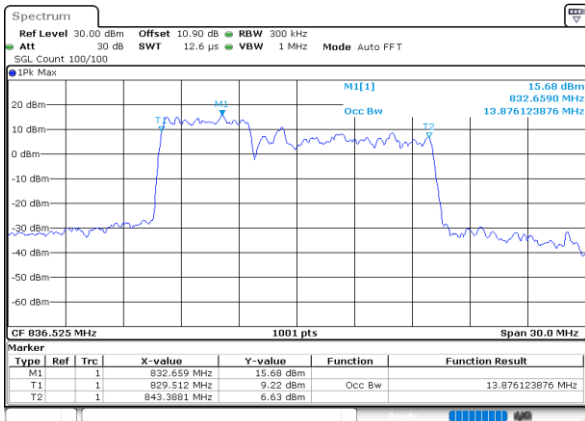
Middle Channel / 3MHz+5MHz



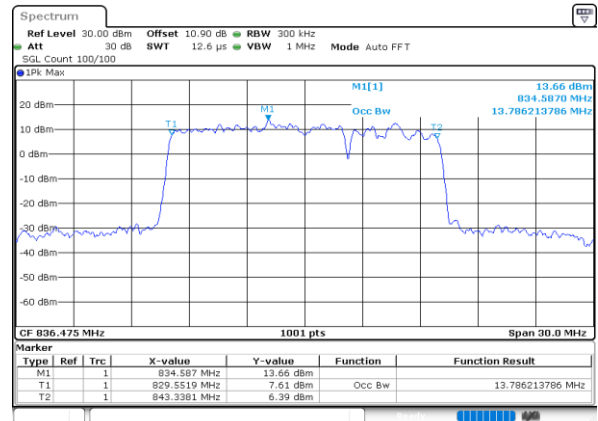
Middle Channel / 5MHz+3MHz



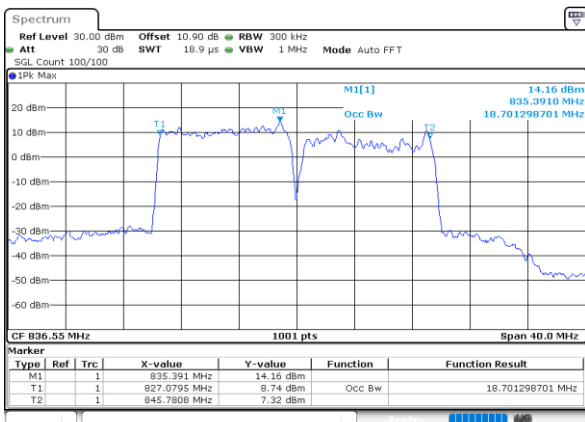
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

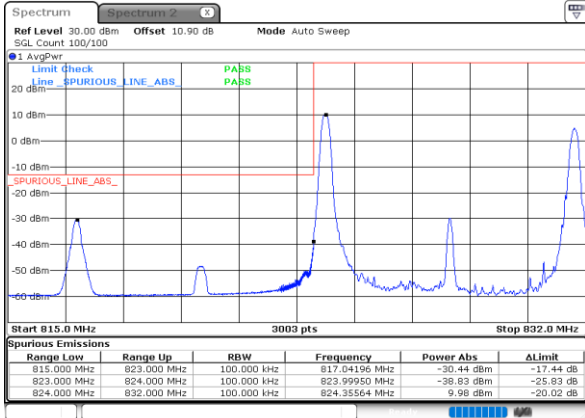


Conducted Band Edge

LTE Band 5B / 3MHz+5MHz

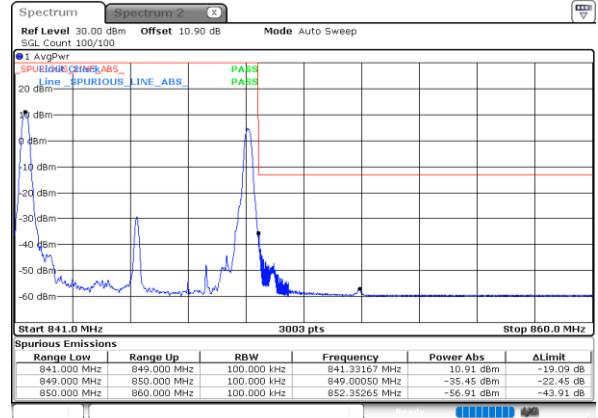
QPSK

Lowest Band Edge / 1RB0 and 1RB24



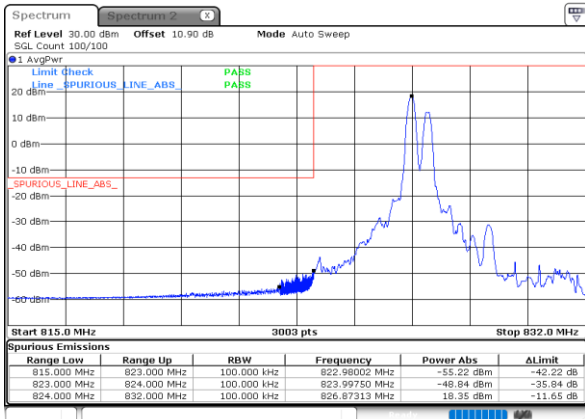
Date: 11.APR.2022 16:31:53

Highest Band Edge / 1RB0 and 1RB24



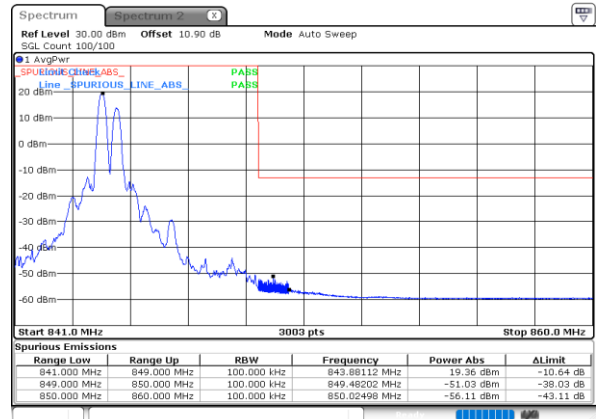
Date: 11.APR.2022 16:18:15

Lowest Band Edge / 1RB14 and 1RB0



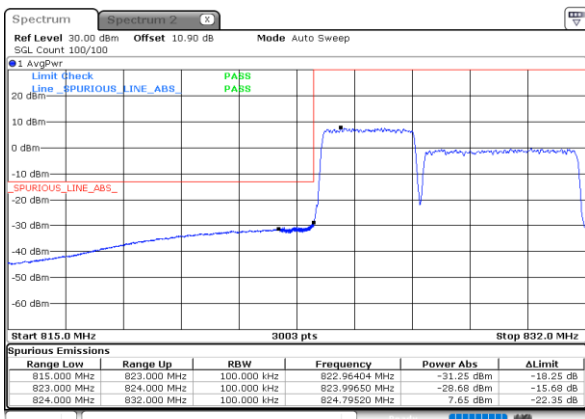
Date: 11.APR.2022 16:32:52

Highest Band Edge / 1RB14 and 1RB0



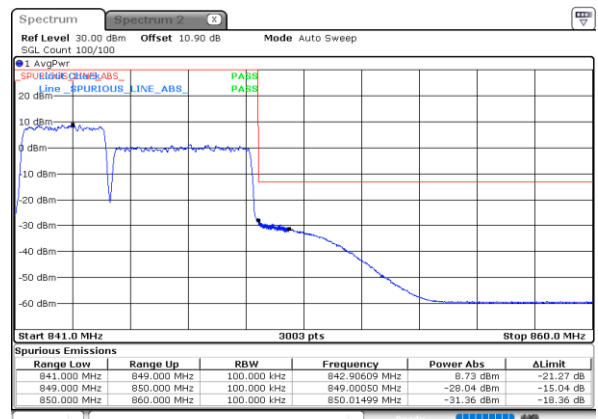
Date: 11.APR.2022 16:23:14

Lowest Band Edge / Full RB



Date: 11.APR.2022 16:26:54

Highest Band Edge / Full RB



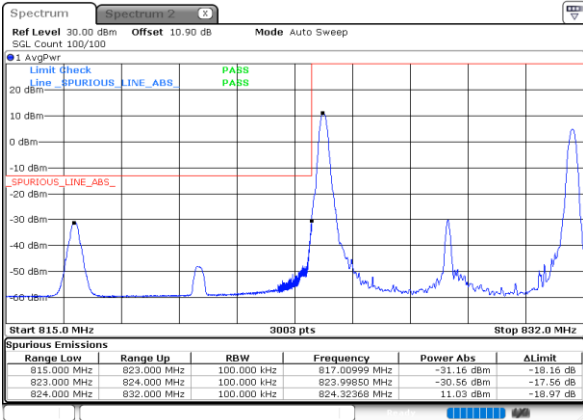
Date: 11.APR.2022 16:17:16



LTE Band 5B / 5MHz+3MHz

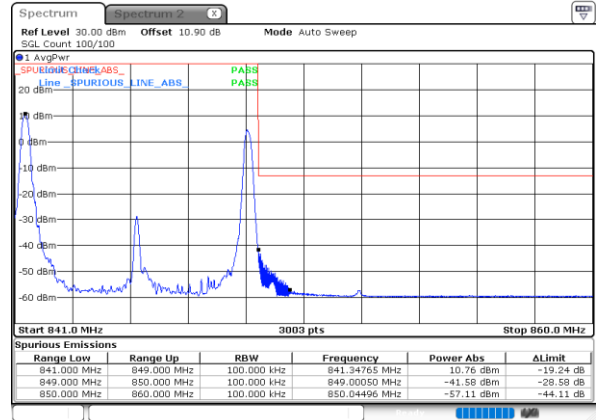
QPSK

Lowest Band Edge / 1RB0 and 1RB14



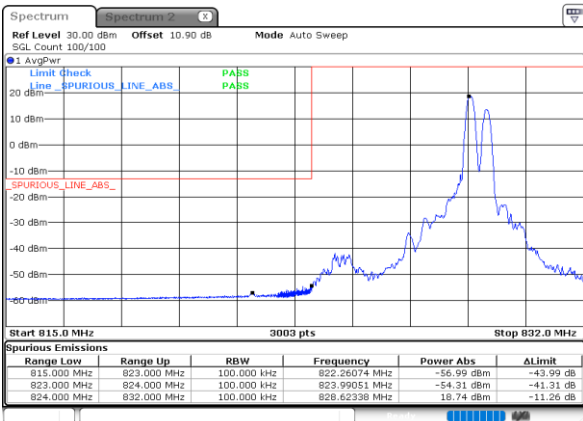
Date: 11.APR.2022 17:01:47

Highest Band Edge / 1RB0 and 1RB14



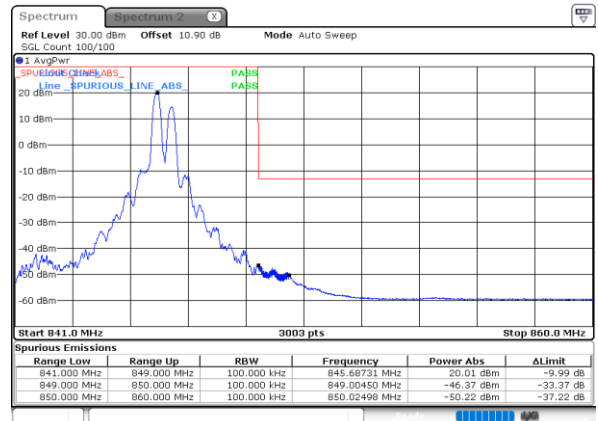
Date: 11.APR.2022 16:47:15

Lowest Band Edge / 1RB24 and 1RB0



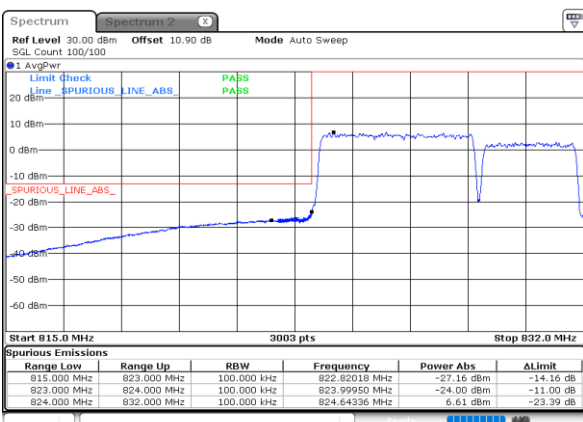
Date: 11.APR.2022 17:02:46

Highest Band Edge / 1RB24 and 1RB0



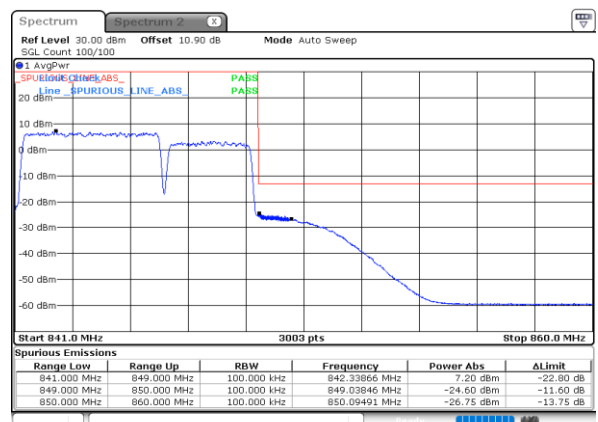
Date: 11.APR.2022 16:53:09

Lowest Band Edge / Full RB



Date: 11.APR.2022 16:56:49

Highest Band Edge / Full RB



Date: 11.APR.2022 16:46:15

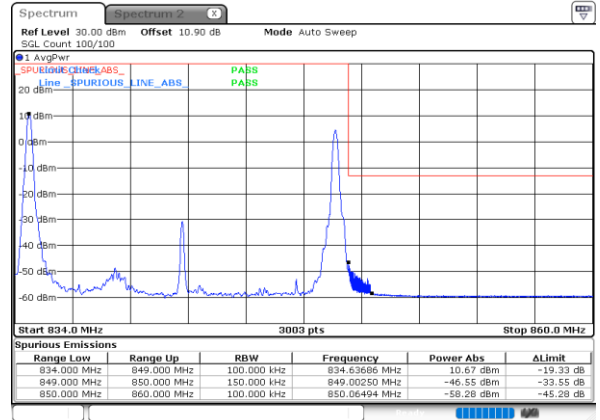
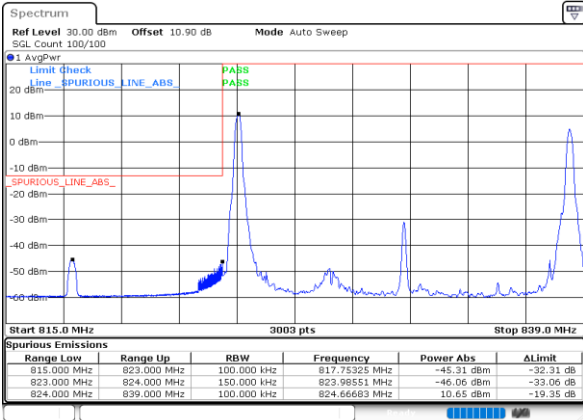


LTE Band 5B / 5MHz+10MHz

QPSK

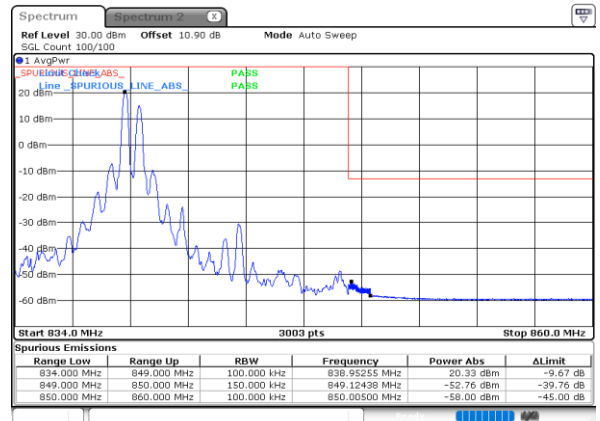
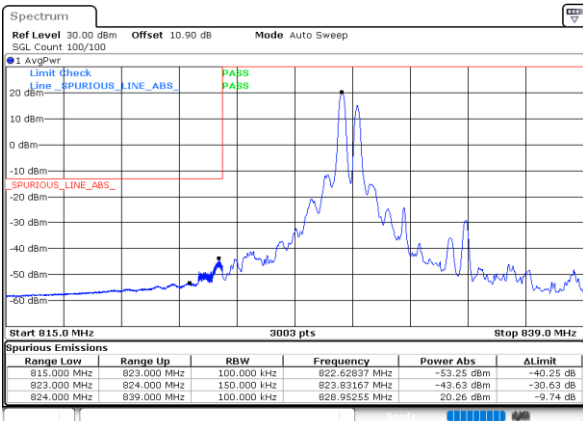
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



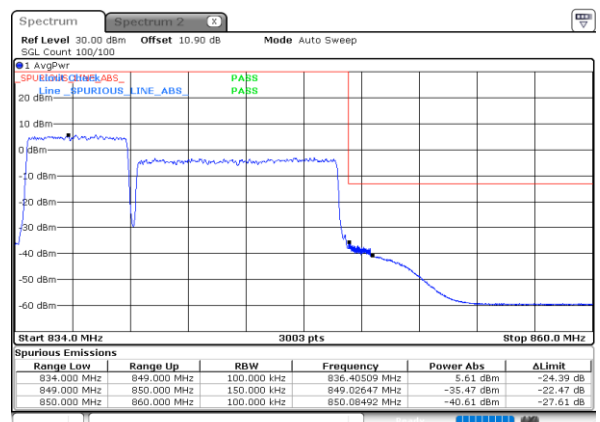
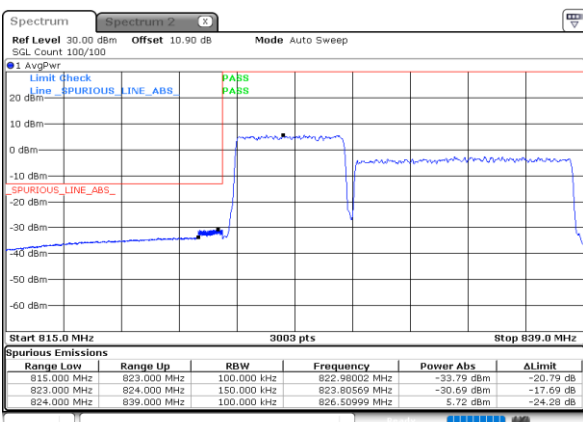
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

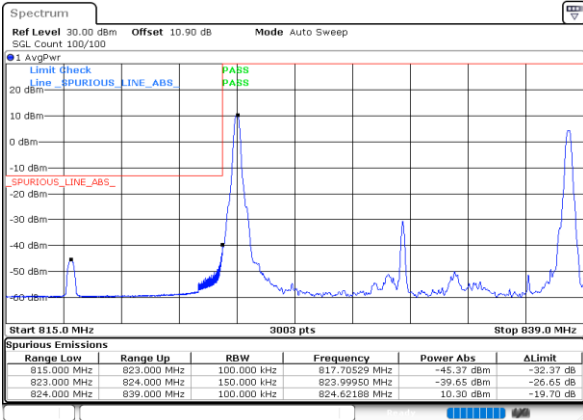




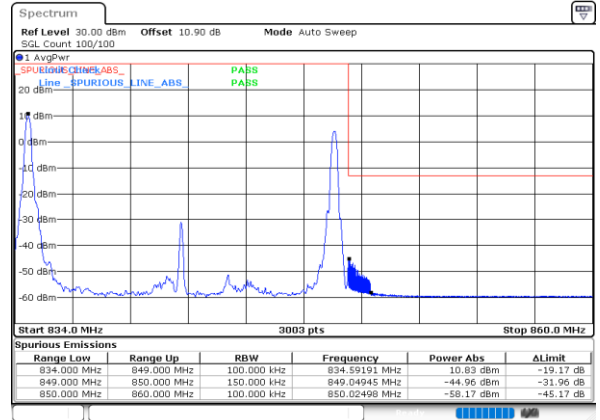
LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24



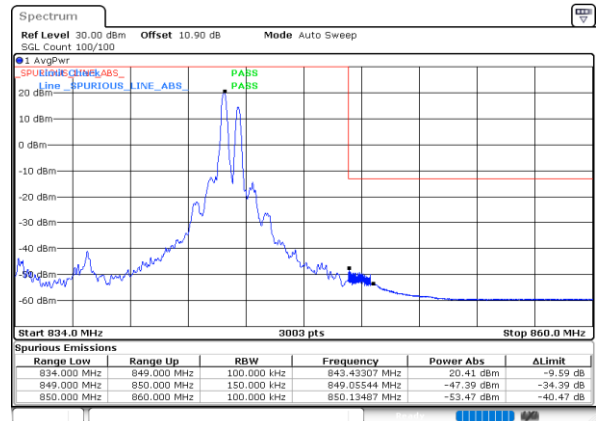
Highest Band Edge / 1RB0 and 1RB24



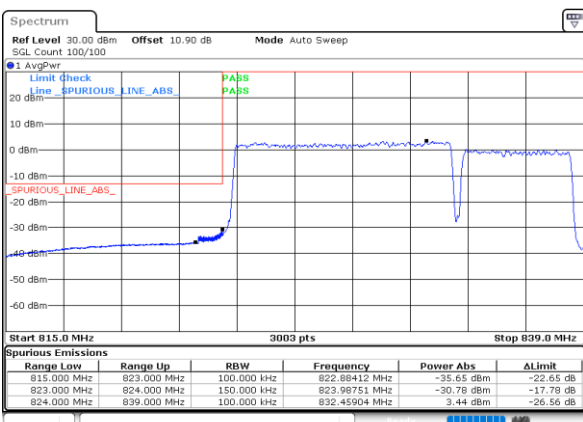
Lowest Band Edge / 1RB49 and 1RB0



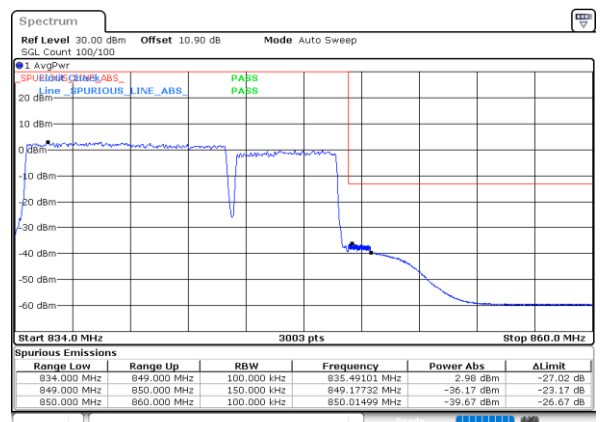
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

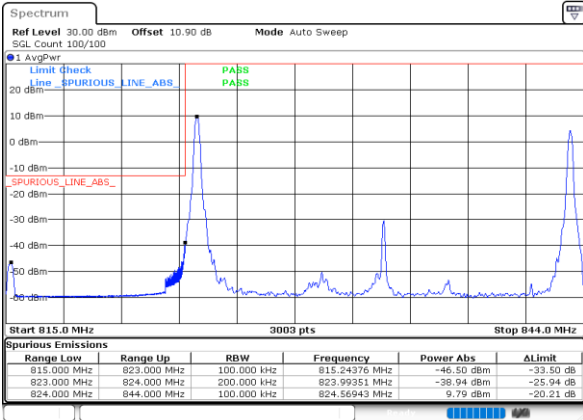




LTE Band 5B / 10MHz+10MHz

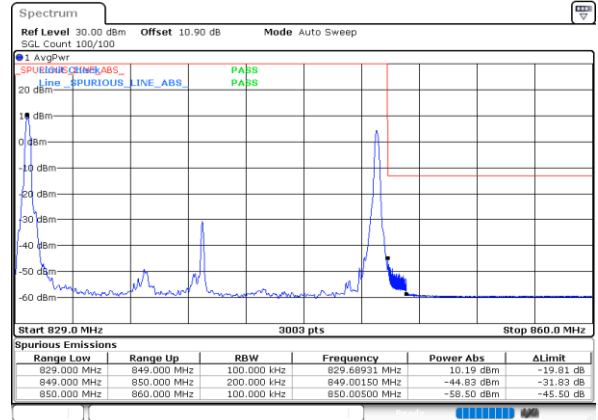
QPSK

Lowest Band Edge / 1RB0 and 1RB49



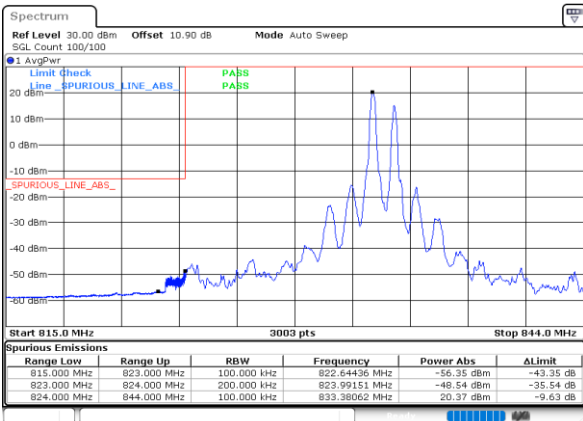
Date: 12.APR.2022 14:49:13

Highest Band Edge / 1RB0 and 1RB49



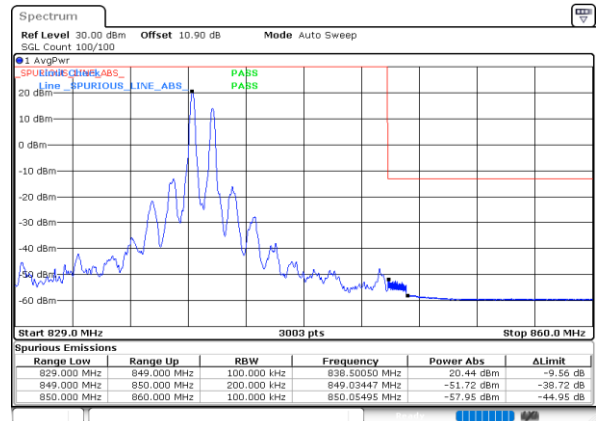
Date: 12.APR.2022 14:35:35

Lowest Band Edge / 1RB49 and 1RB0



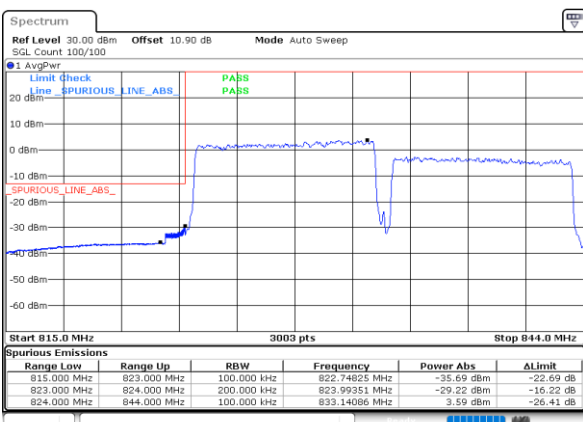
Date: 12.APR.2022 14:50:13

Highest Band Edge / 1RB49 and 1RB0



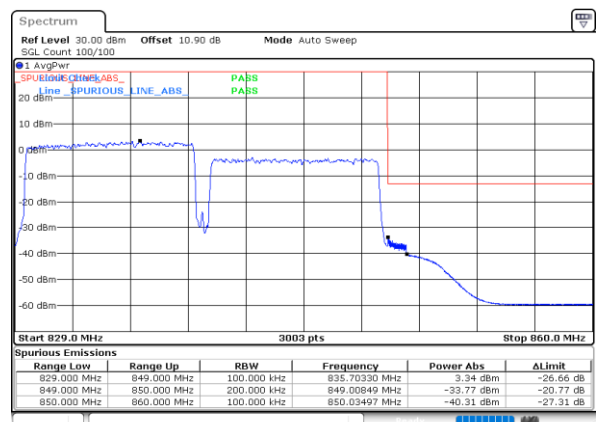
Date: 12.APR.2022 14:40:33

Lowest Band Edge / Full RB



Date: 12.APR.2022 14:44:13

Highest Band Edge / Full RB



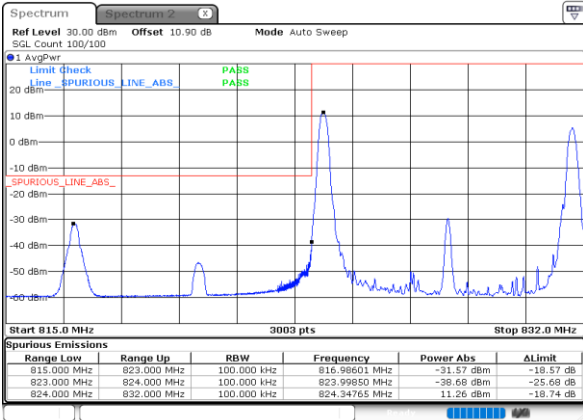
Date: 12.APR.2022 14:34:35



LTE Band 5B / 3MHz+5MHz

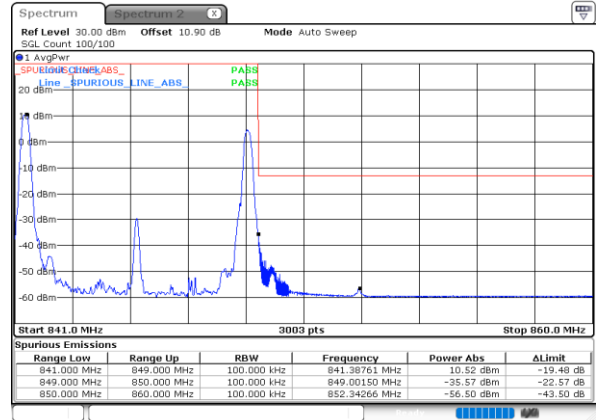
16QAM

Lowest Band Edge / 1RB0 and 1RB24



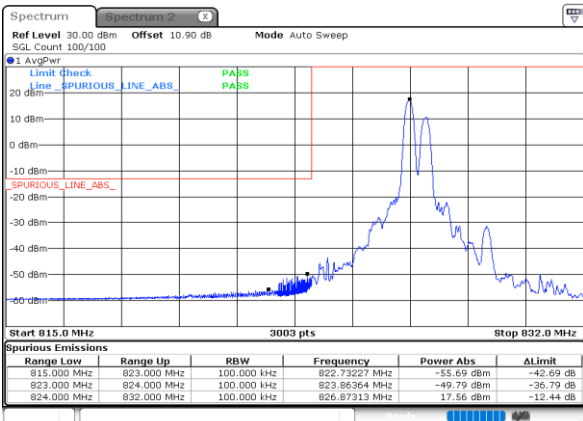
Date: 11.APR.2022 16:13:53

Highest Band Edge / 1RB0 and 1RB24



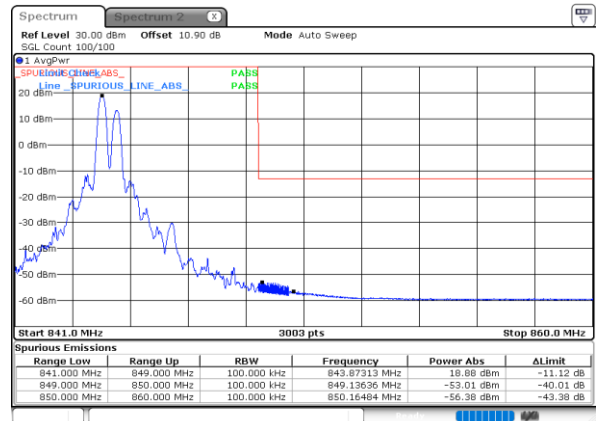
Date: 11.APR.2022 16:19:15

Lowest Band Edge / 1RB14 and 1RB0



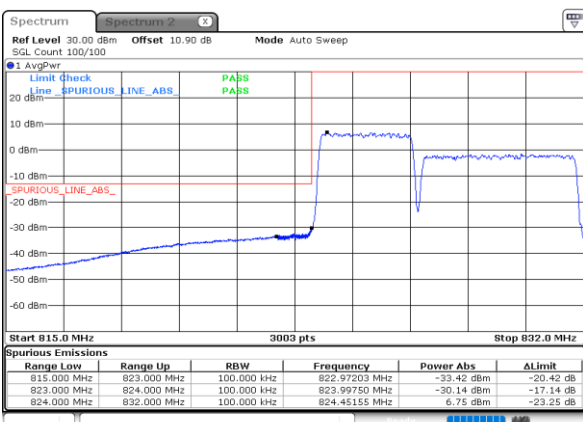
Date: 11.APR.2022 16:13:52

Highest Band Edge / 1RB14 and 1RB0



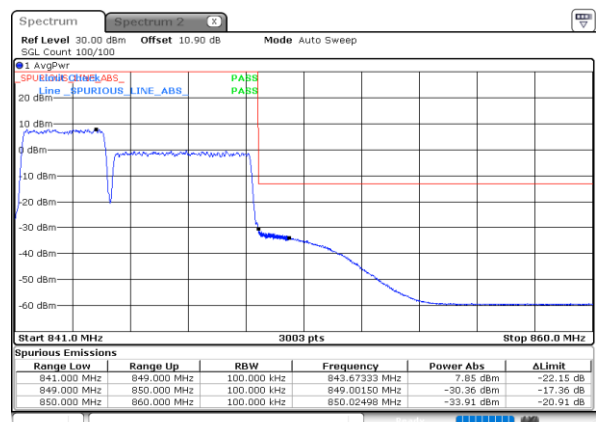
Date: 11.APR.2022 16:22:14

Lowest Band Edge / Full RB



Date: 11.APR.2022 16:27:53

Highest Band Edge / Full RB



Date: 11.APR.2022 16:16:16

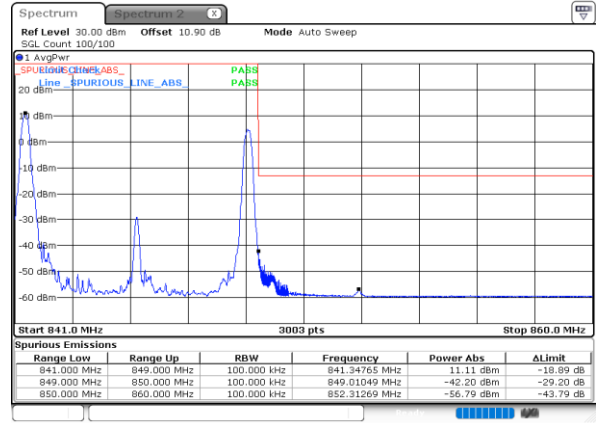
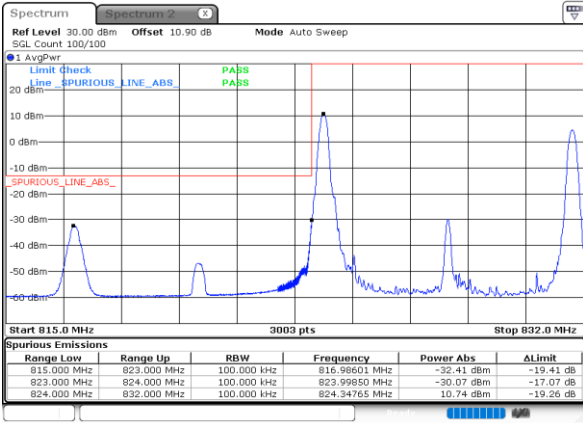


LTE Band 5B / 5MHz+3MHz

16QAM

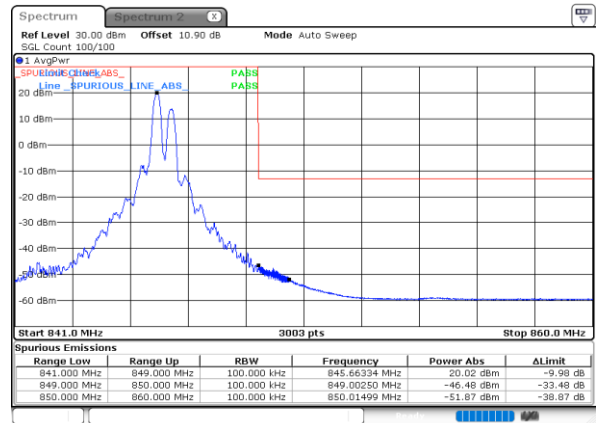
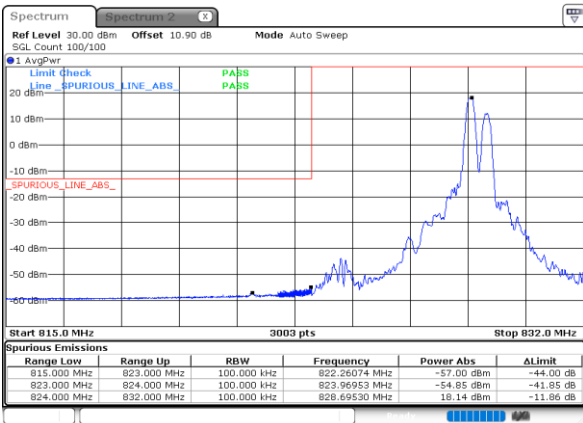
Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14



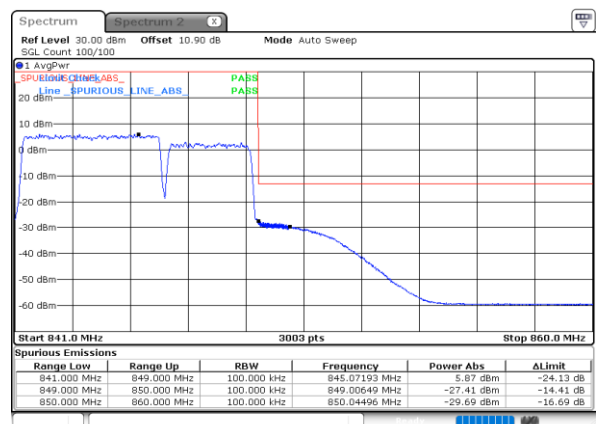
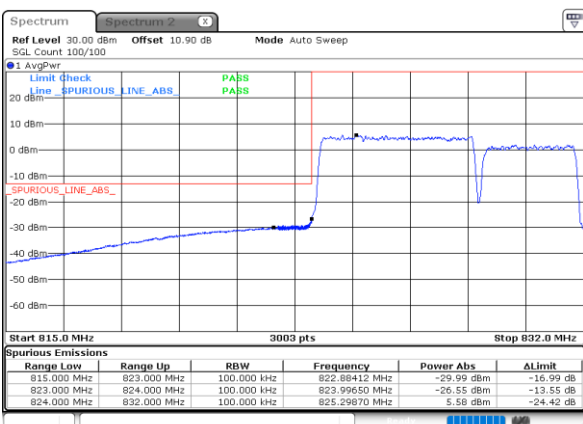
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



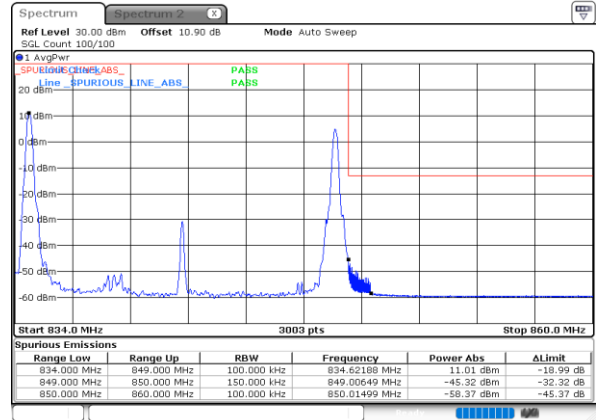
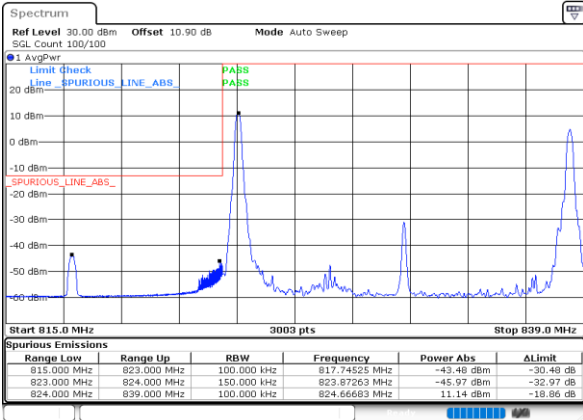


LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

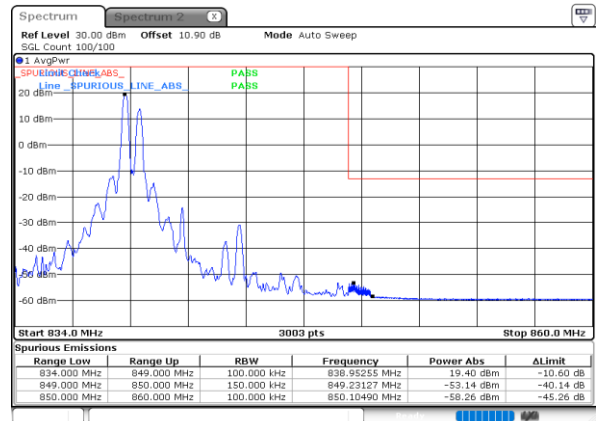
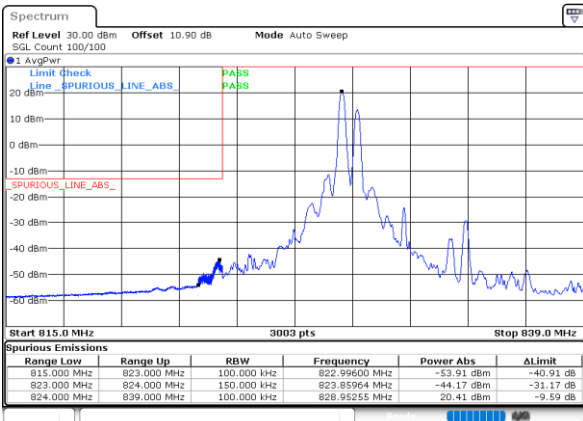


Date: 12.APR.2022 13:48:56

Date: 11.APR.2022 17:18:03

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

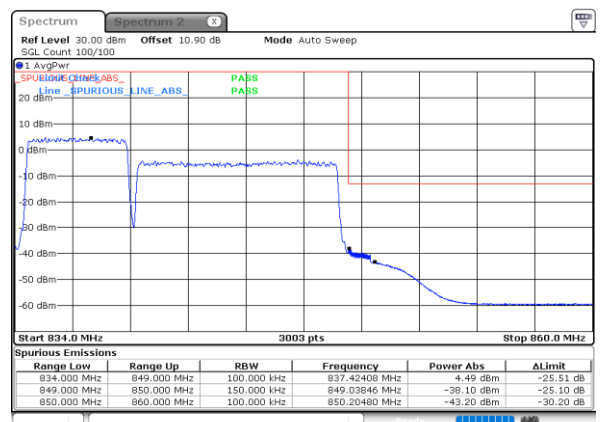
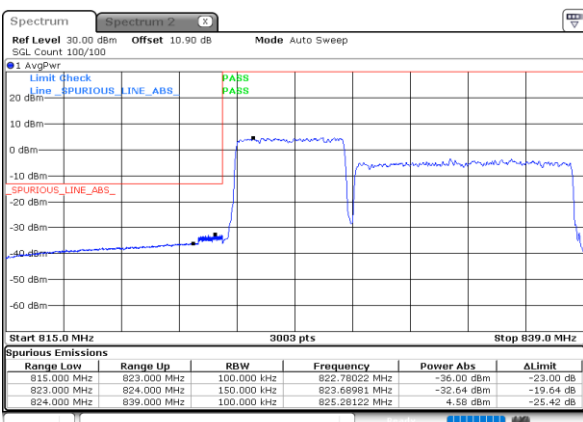


Date: 12.APR.2022 13:53:17

Date: 11.APR.2022 17:21:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.APR.2022 17:26:41

Date: 11.APR.2022 17:15:05

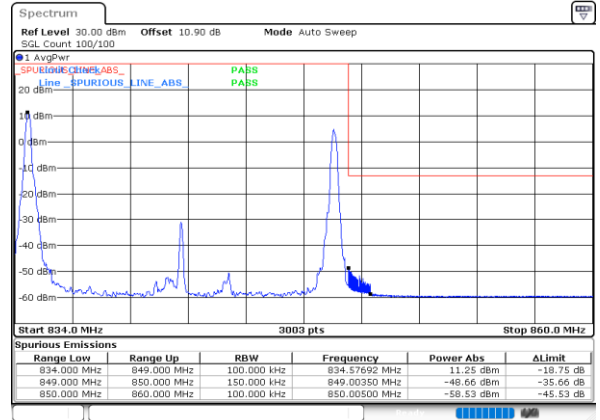
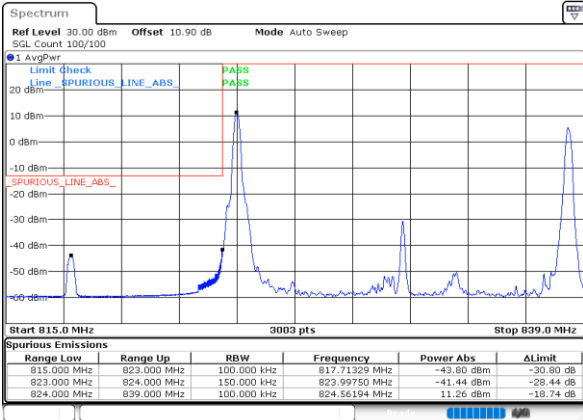


LTE Band 5B / 10MHz+5MHz

16QAM

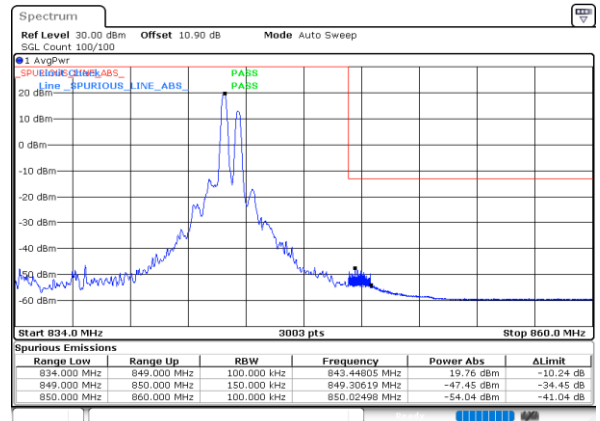
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



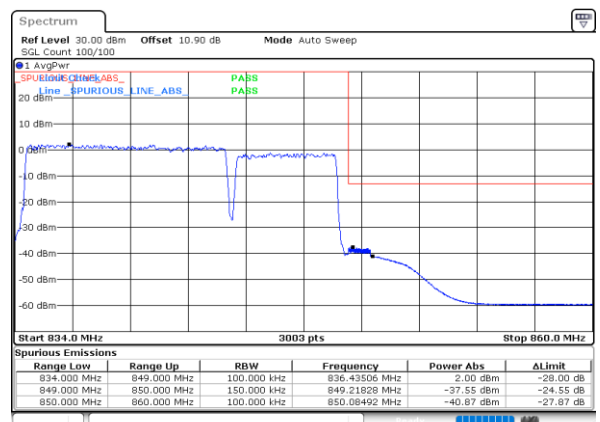
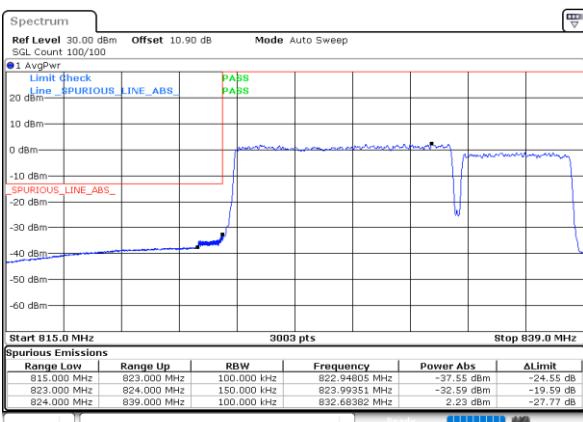
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



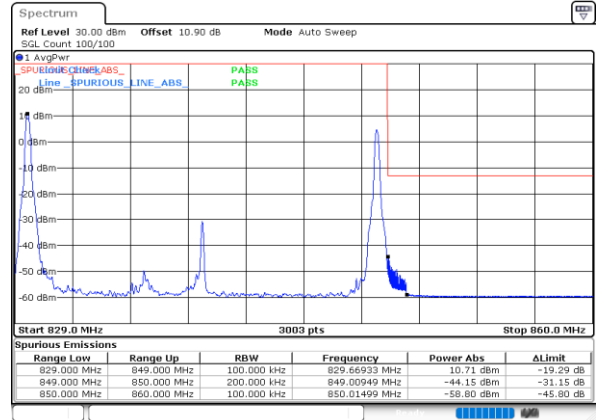
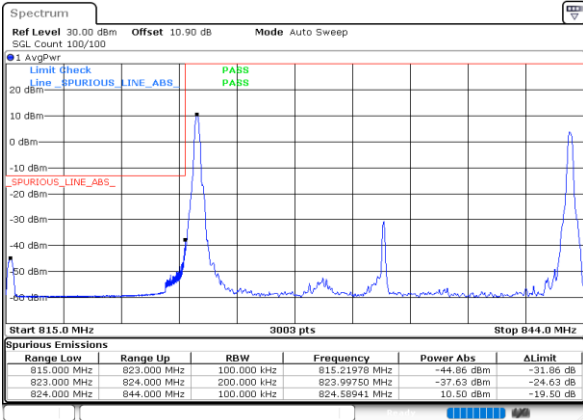


LTE Band 5B / 10MHz+10MHz

16QAM

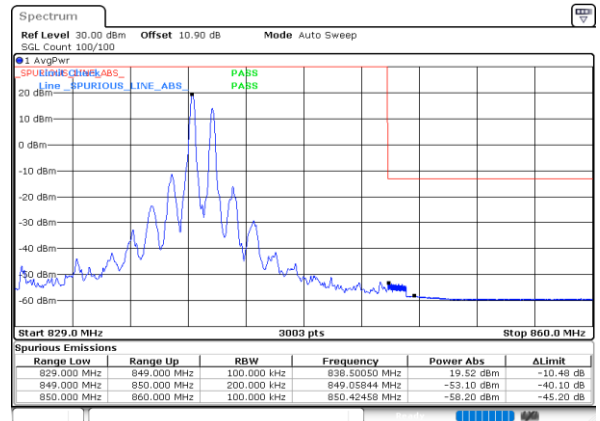
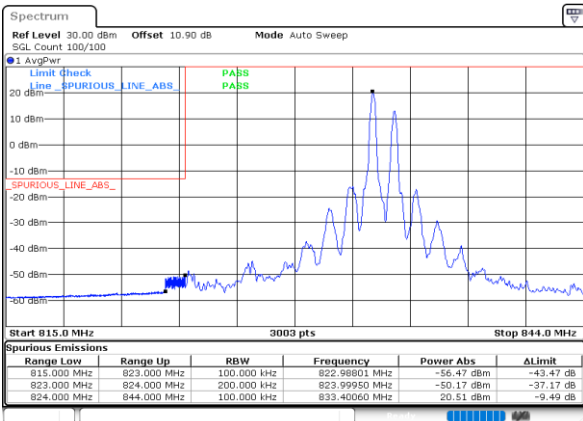
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

