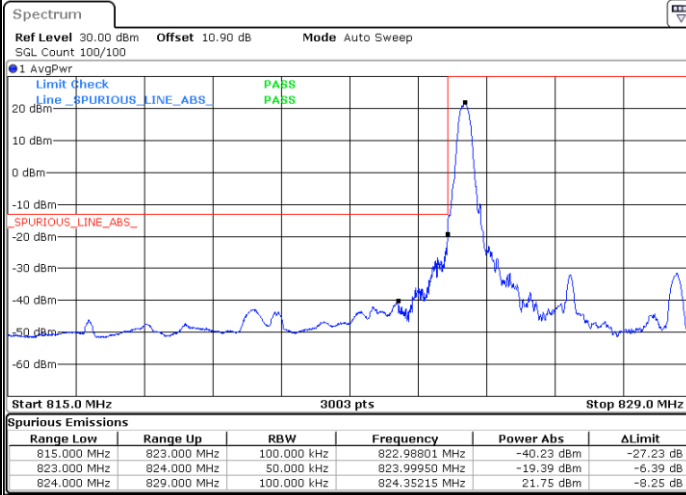




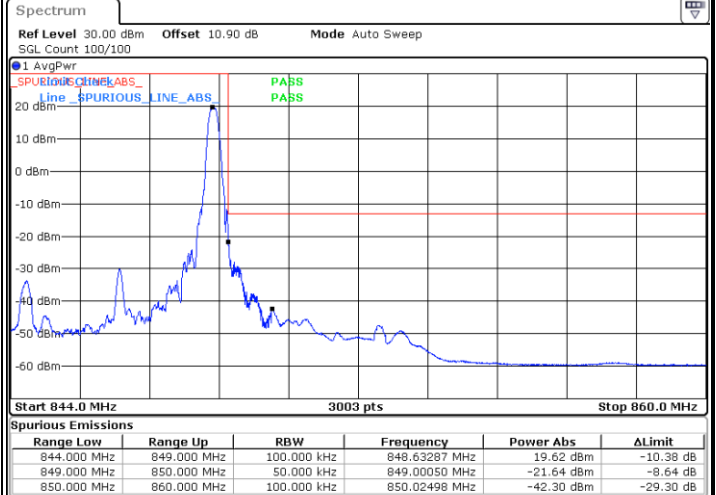
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



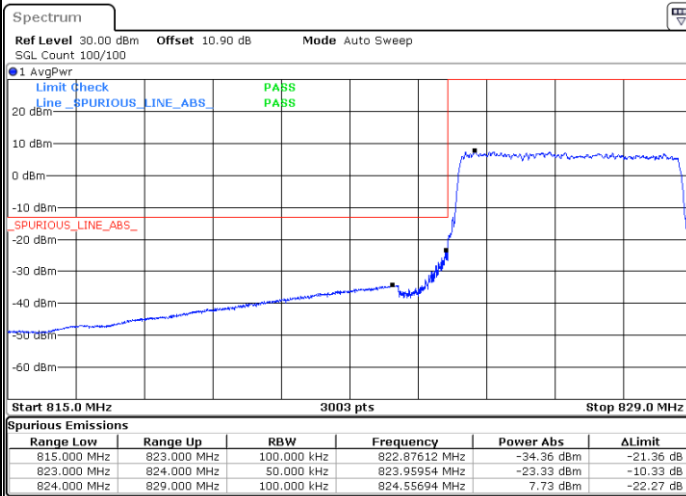
Date: 4.OCT.2022 02:51:50

Highest Band Edge / 1 RB



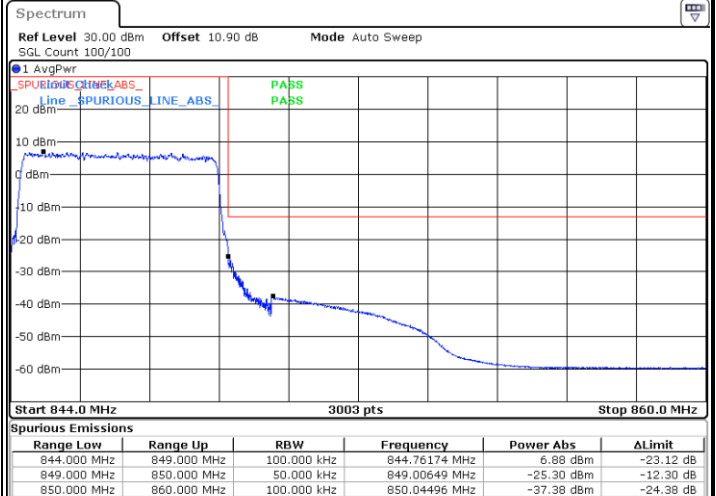
Date: 4.OCT.2022 02:54:21

Lowest Band Edge / Full RB



Date: 4.OCT.2022 02:52:46

Highest Band Edge / Full RB

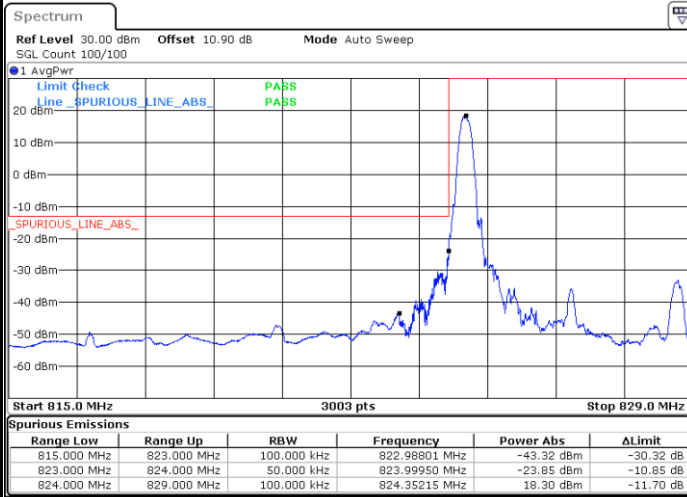


Date: 4.OCT.2022 02:55:17



LTE Band 5 / 5MHz / 256QAM

Lowest Band Edge / 1RB



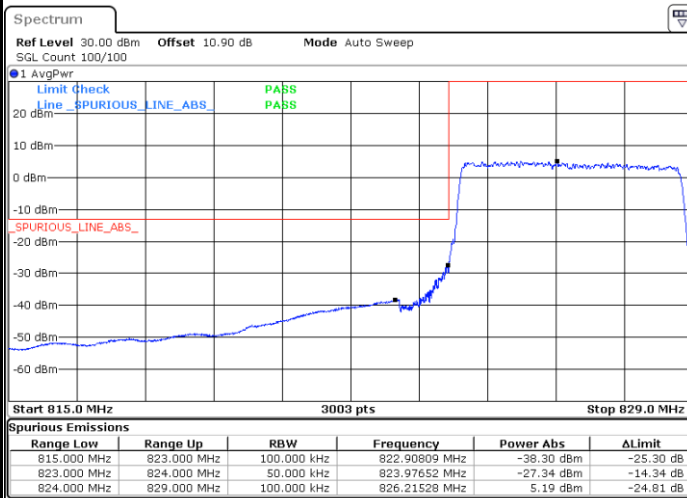
Date: 4.OCT.2022 03:25:04

Highest Band Edge / 1 RB



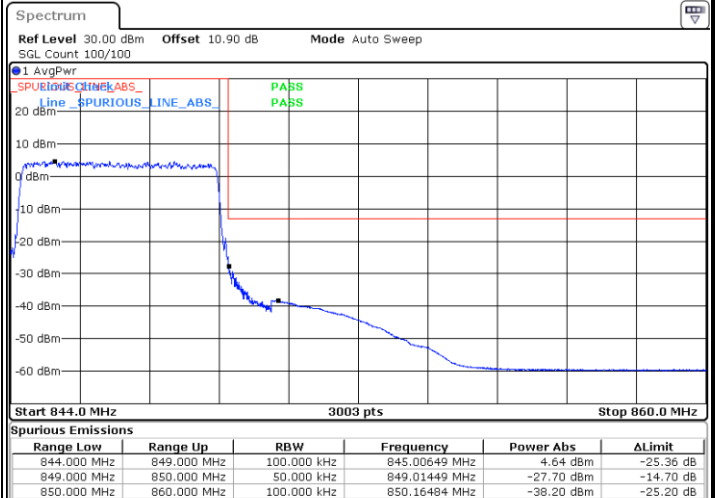
Date: 4.OCT.2022 03:27:36

Lowest Band Edge / Full RB



Date: 4.OCT.2022 03:26:00

Highest Band Edge / Full RB

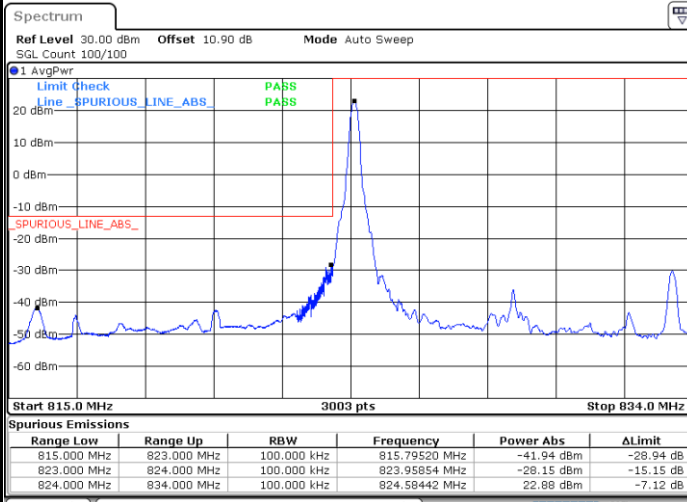


Date: 4.OCT.2022 03:28:32



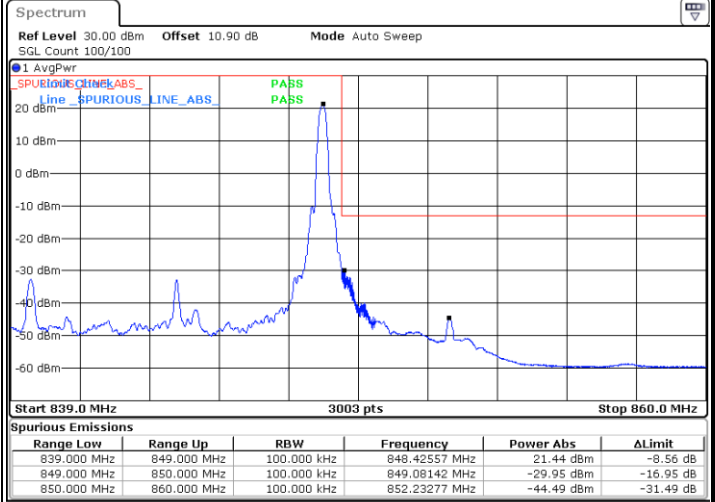
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



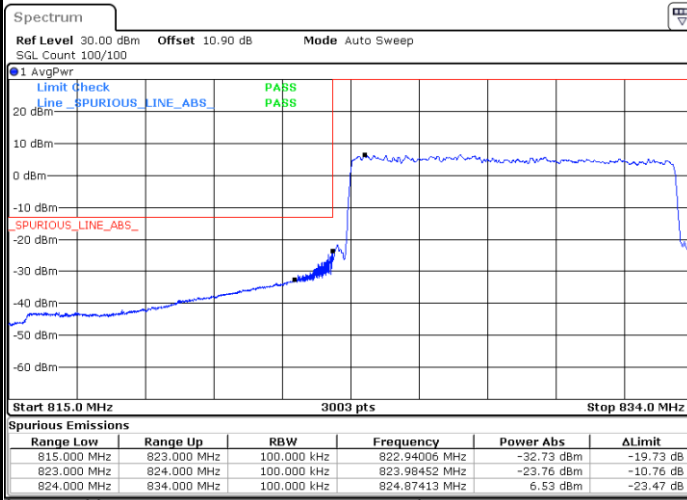
Date: 4.OCT.2022 02:56:58

Highest Band Edge / 1 RB



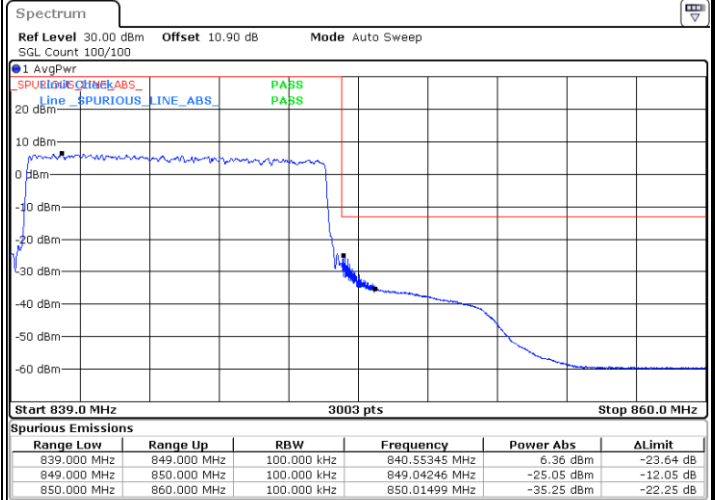
Date: 4.OCT.2022 03:05:15

Lowest Band Edge / Full RB



Date: 4.OCT.2022 02:58:50

Highest Band Edge / Full RB

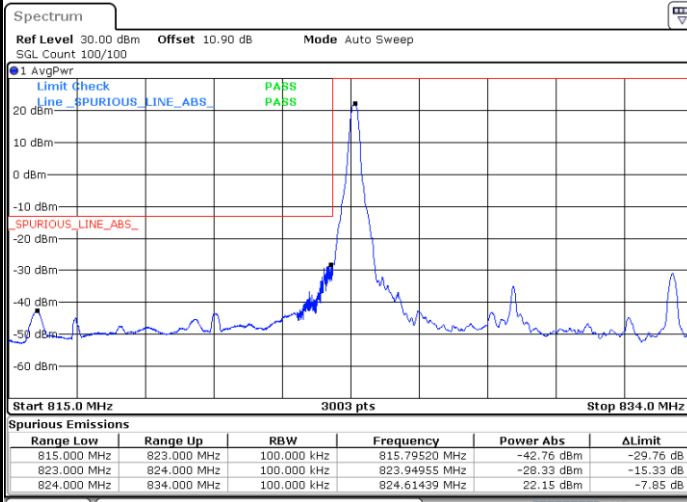


Date: 4.OCT.2022 03:07:07



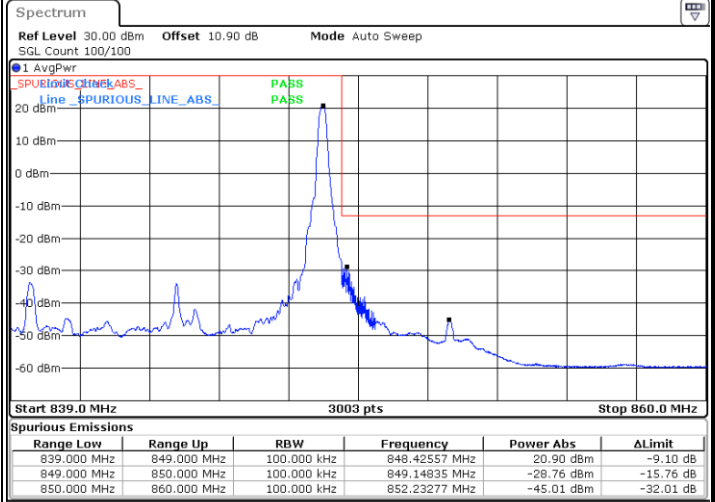
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



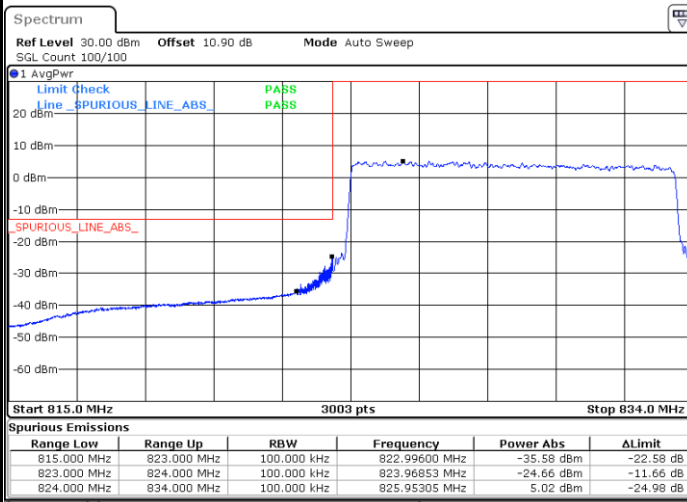
Date: 4.OCT.2022 02:57:54

Highest Band Edge / 1 RB



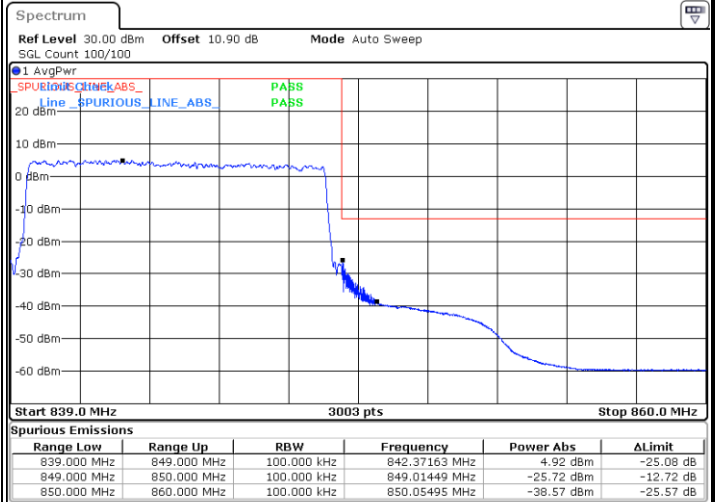
Date: 4.OCT.2022 03:06:12

Lowest Band Edge / Full RB



Date: 4.OCT.2022 02:59:46

Highest Band Edge / Full RB

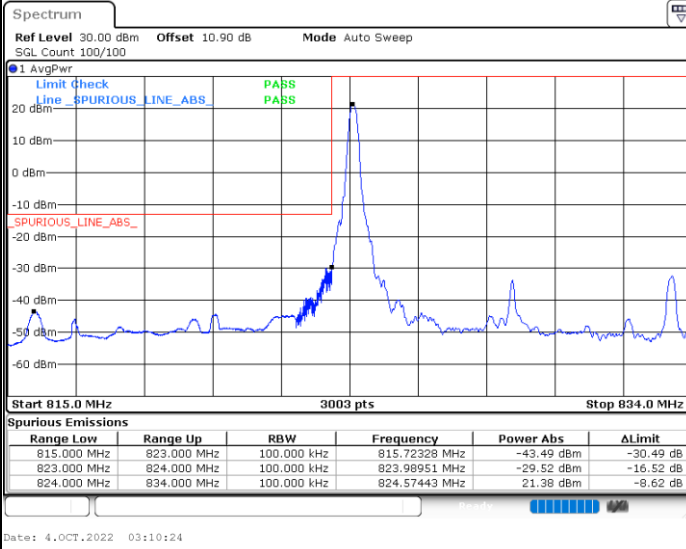


Date: 4.OCT.2022 03:08:03

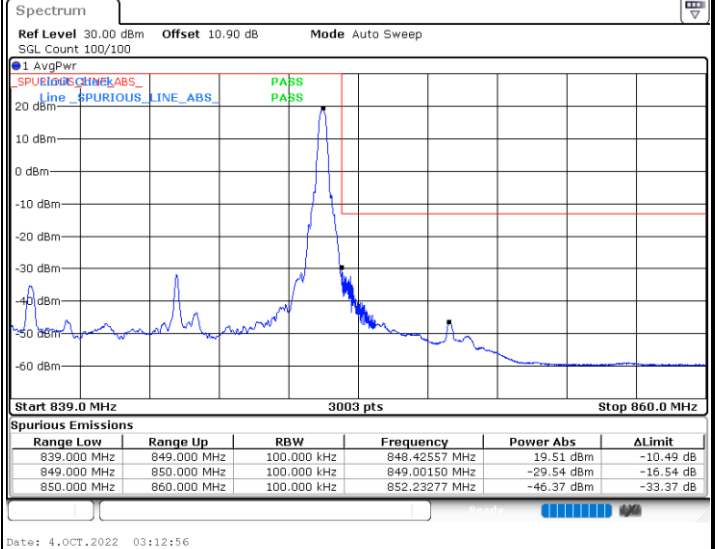


LTE Band 5 / 10MHz / 64QAM

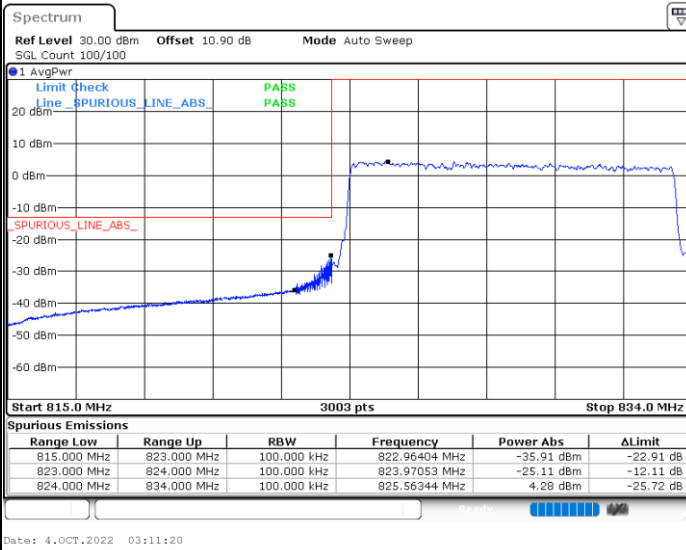
Lowest Band Edge / 1 RB



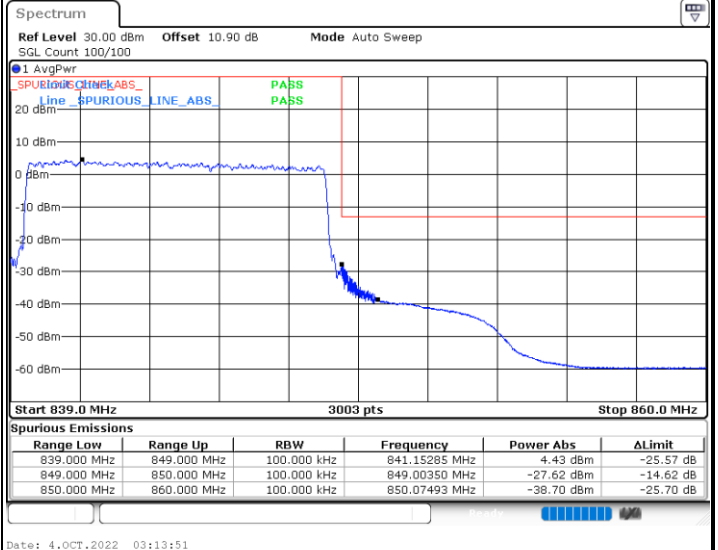
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



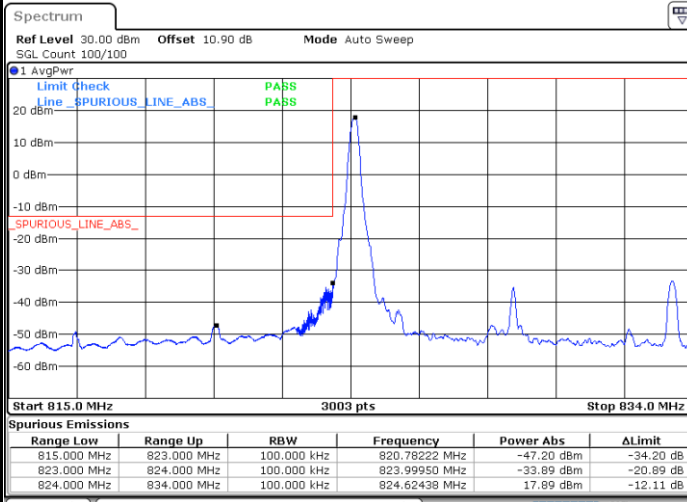
Highest Band Edge / Full RB





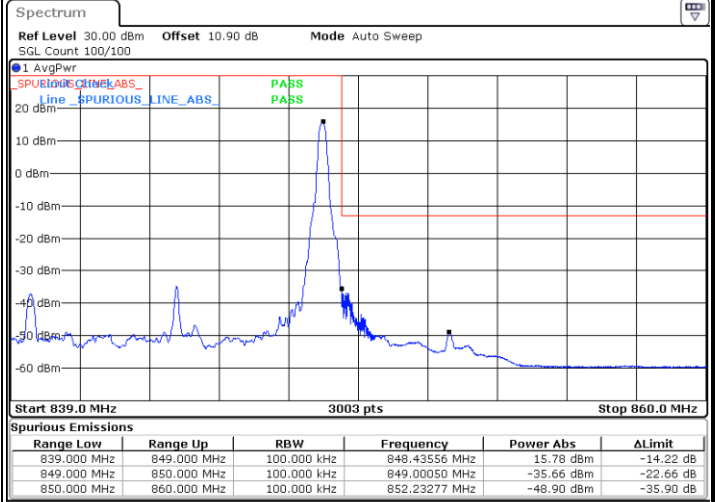
LTE Band 5 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



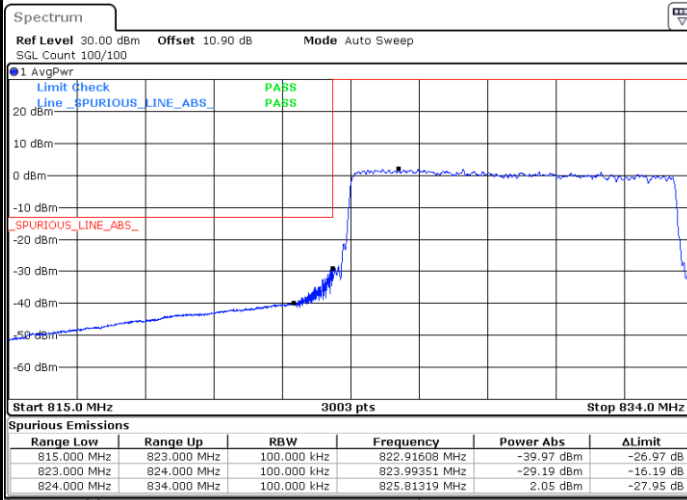
Date: 4.OCT.2022 03:29:30

Highest Band Edge / 1 RB



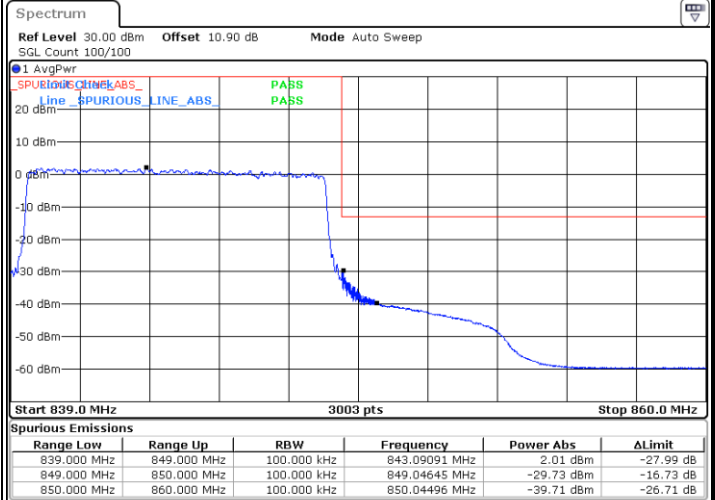
Date: 4.OCT.2022 03:32:02

Lowest Band Edge / Full RB



Date: 4.OCT.2022 03:30:26

Highest Band Edge / Full RB



Date: 4.OCT.2022 03:32:58

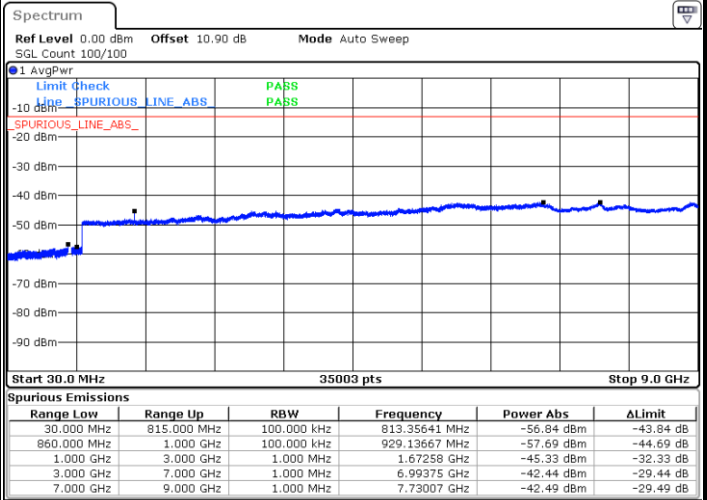
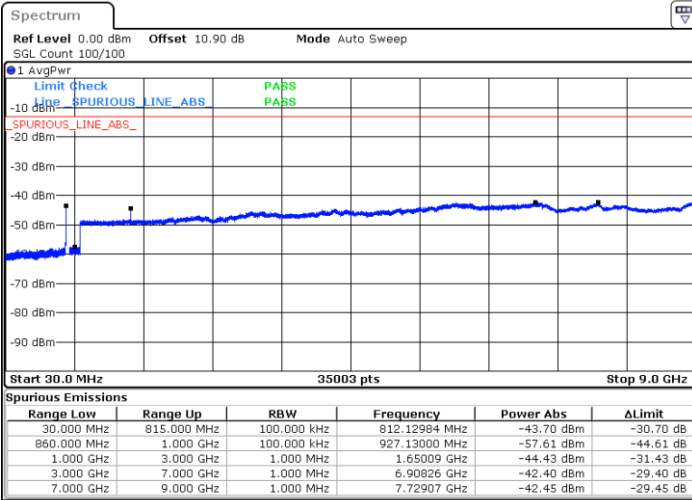


Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

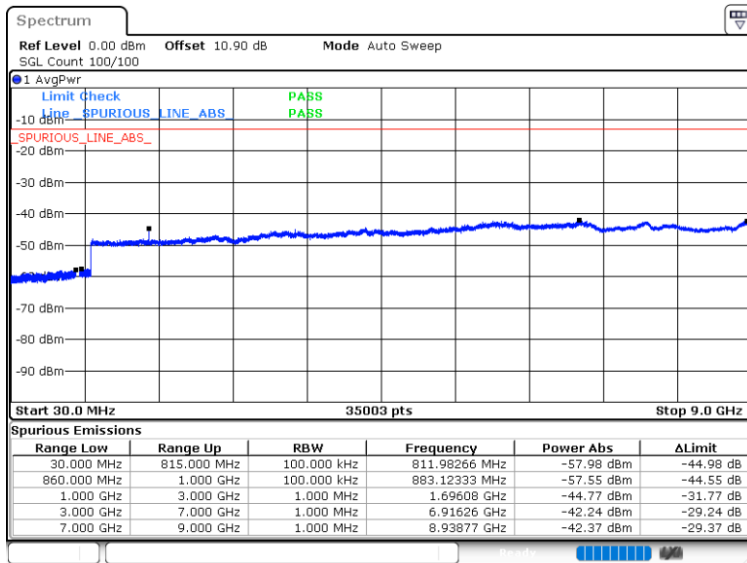
Middle Channel / QPSK



Date: 4.OCT.2022 02:01:54

Date: 4.OCT.2022 02:05:03

Highest Channel / QPSK



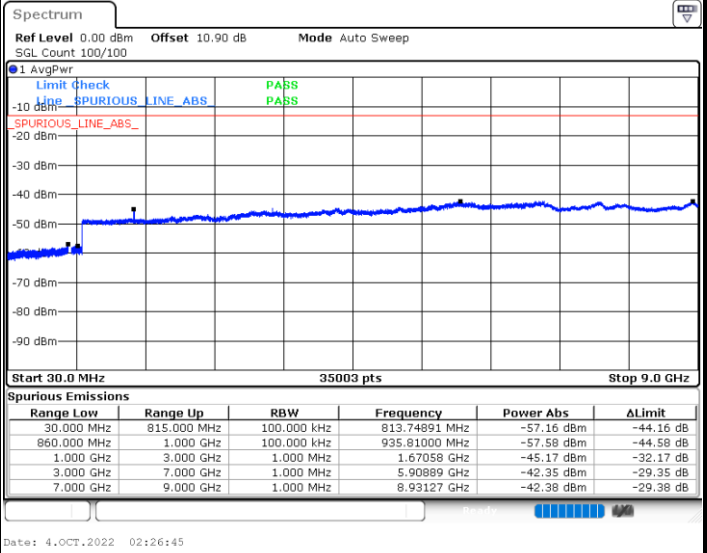
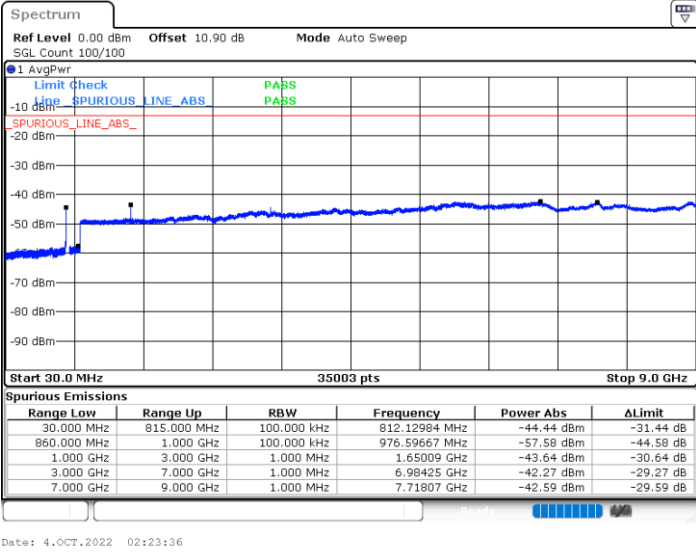
Date: 4.OCT.2022 02:10:11



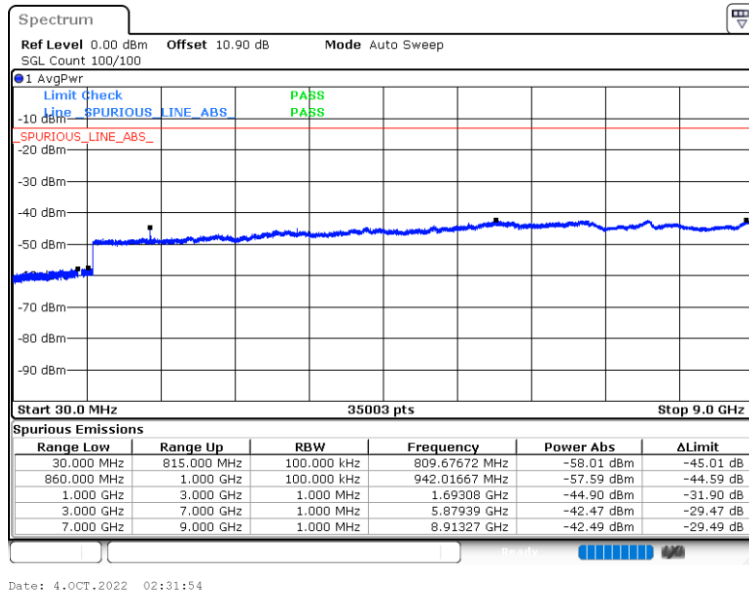
LTE Band 5 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

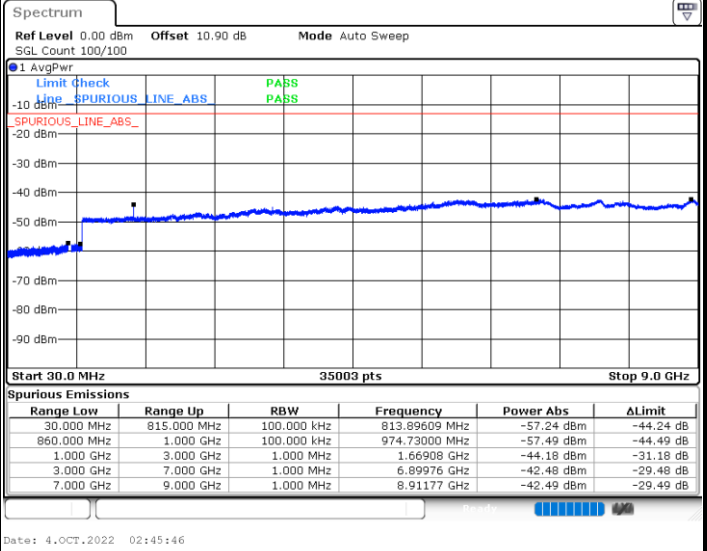
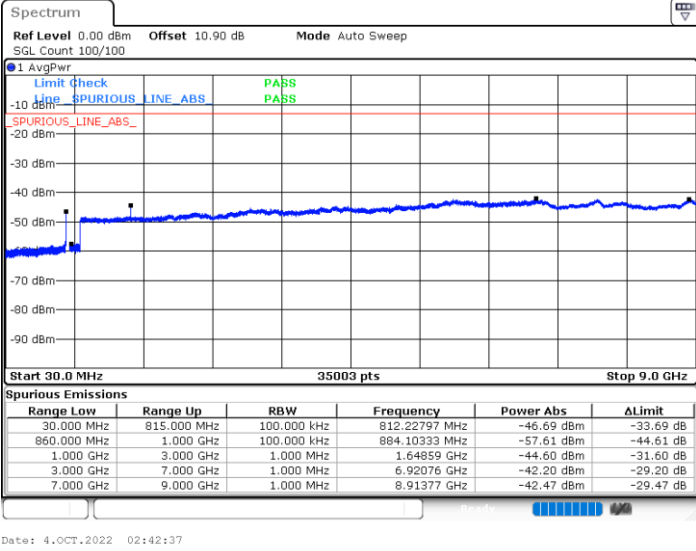




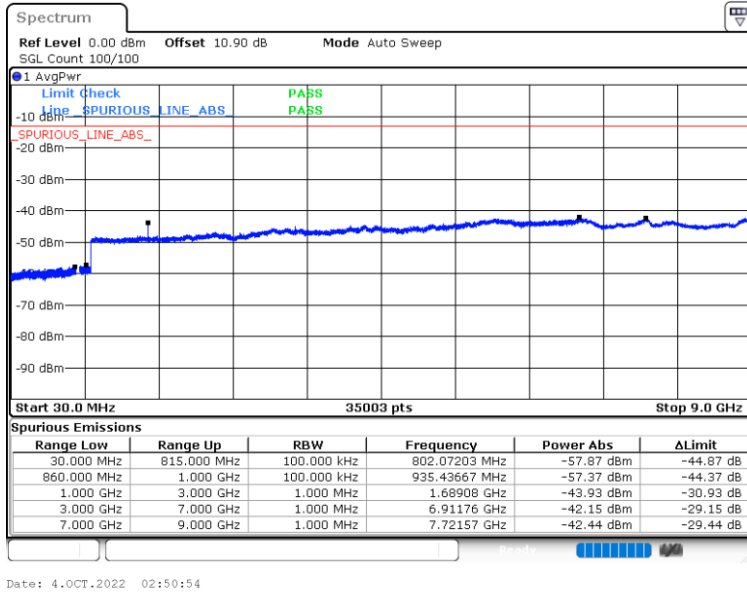
LTE Band 5 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

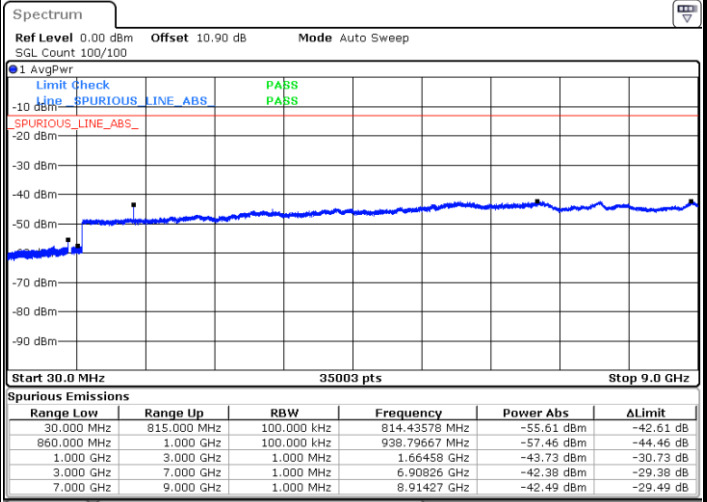
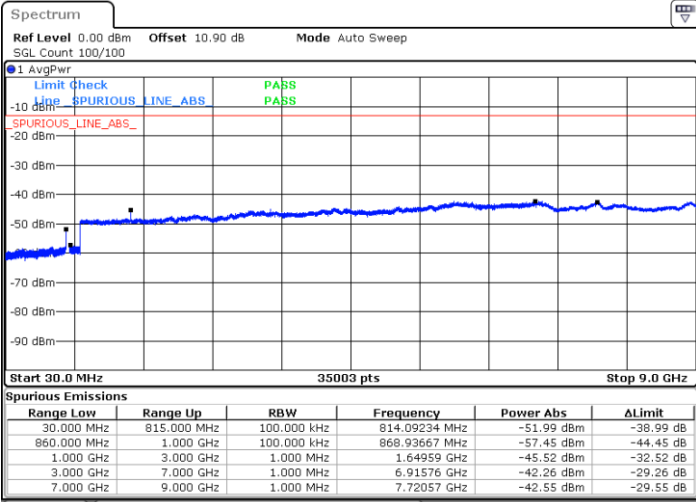




LTE Band 5 / 10MHz

Lowest Channel / QPSK

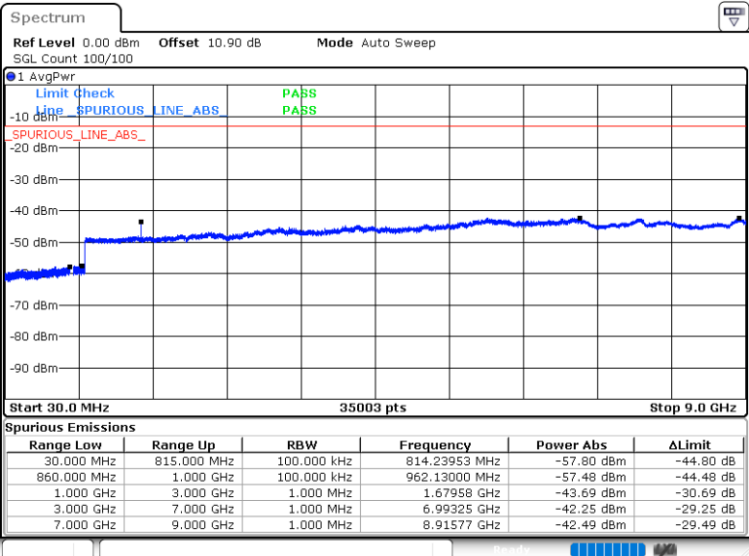
Middle Channel / QPSK



Date: 4.OCT.2022 03:01:11

Date: 4.OCT.2022 03:04:20

Highest Channel / QPSK



Date: 4.OCT.2022 03:09:28



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	0.0197	PASS
40	Normal Voltage	0.0063	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0143	
0	Normal Voltage	0.0105	
-10	Normal Voltage	0.0153	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0147	
20	Maximum Voltage	0.0149	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0163	

Note:

- 1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.60 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	8.18	8.31	14.78
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.93	19.86	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.30	8.23	14.66
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.81	19.66	-

Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.09	8.33	14.63
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.20	20.02	-

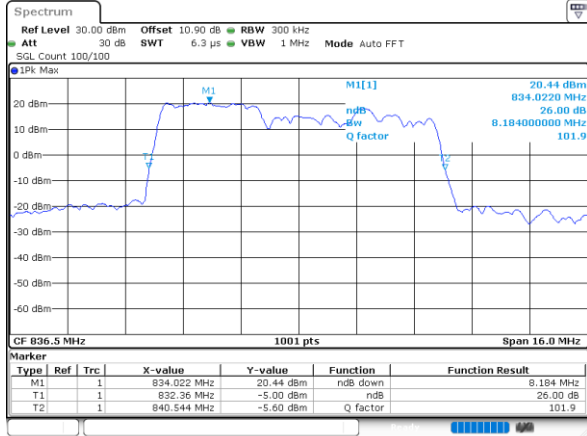
Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.06	8.42	14.87
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.63	19.90	-



LTE Band 5B

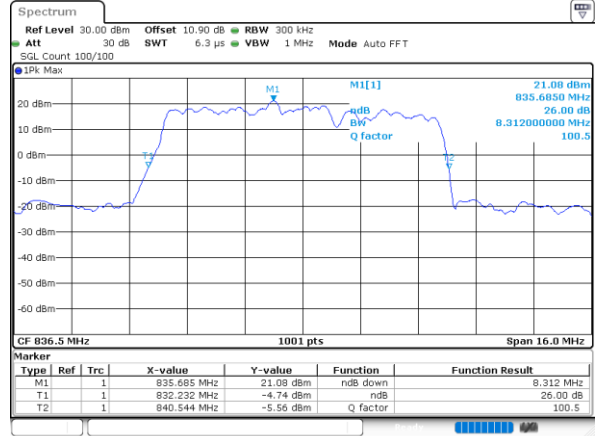
QPSK

Middle Channel / 3MHz+5MHz



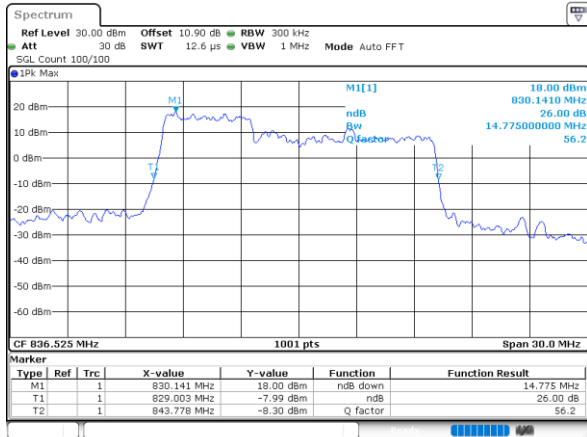
Date: 18.OCT.2022 02:59:05

Middle Channel / 5MHz+3MHz



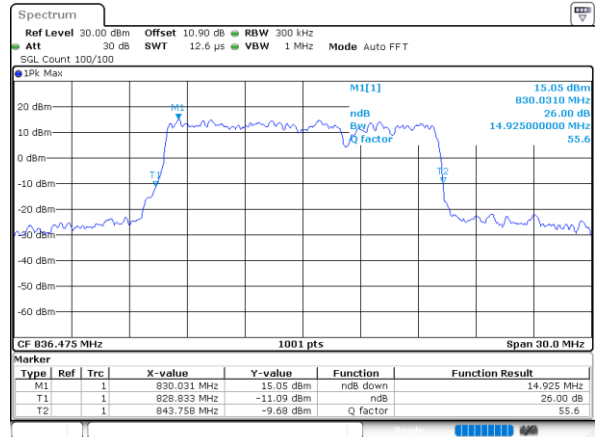
Date: 18.OCT.2022 03:37:18

Middle Channel / 5MHz+10MHz



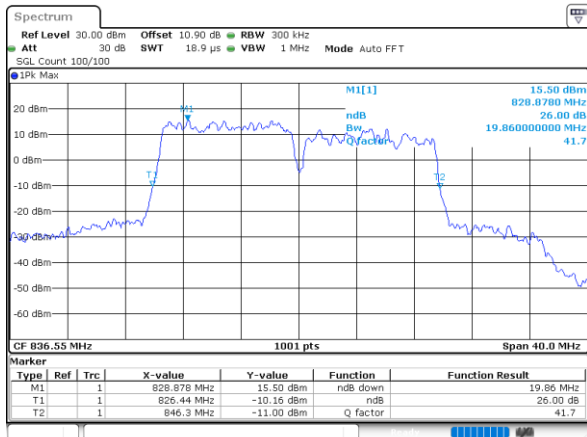
Date: 18.OCT.2022 04:16:35

Middle Channel / 10MHz+5MHz



Date: 18.OCT.2022 04:54:30

Middle Channel / 10MHz+10MHz



Date: 18.OCT.2022 05:32:34

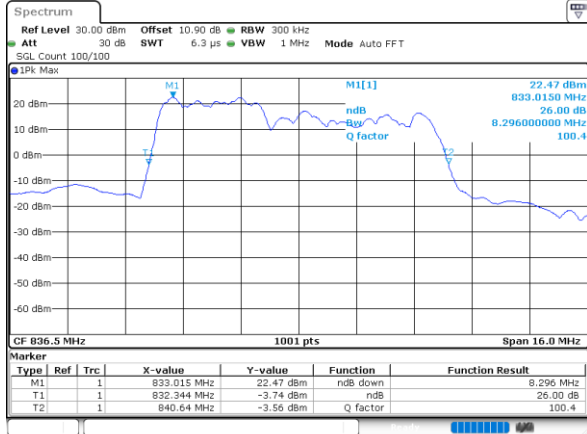
N/A



LTE Band 5B

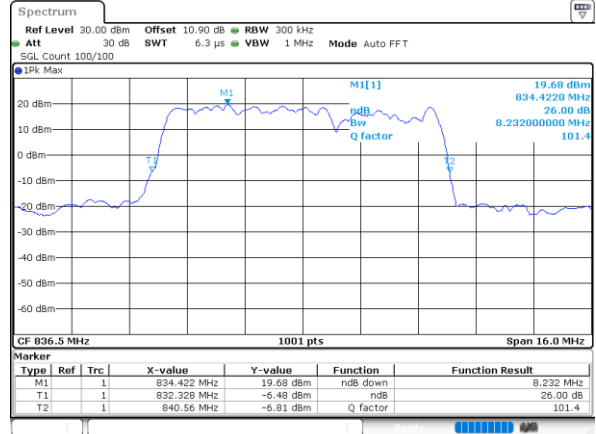
16QAM

Middle Channel / 3MHz+5MHz



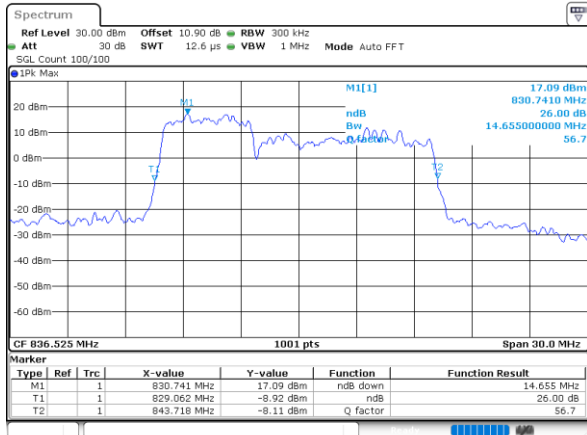
Date: 18.OCT.2022 02:56:29

Middle Channel / 5MHz+3MHz



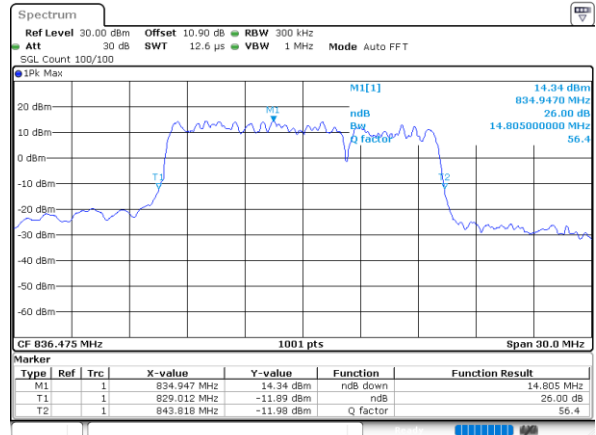
Date: 18.OCT.2022 03:36:46

Middle Channel / 5MHz+10MHz



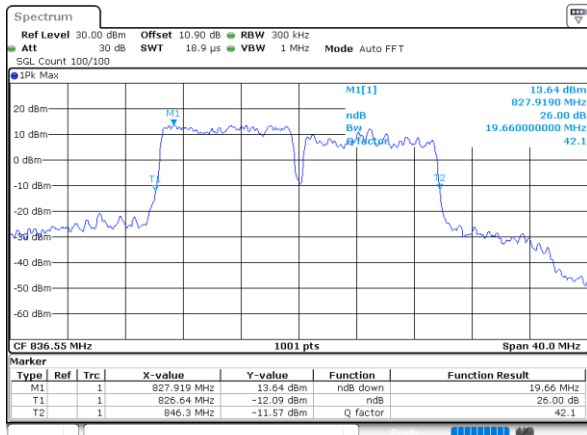
Date: 18.OCT.2022 04:16:02

Middle Channel / 10MHz+5MHz



Date: 18.OCT.2022 04:53:58

Middle Channel / 10MHz+10MHz



Date: 18.OCT.2022 05:32:04

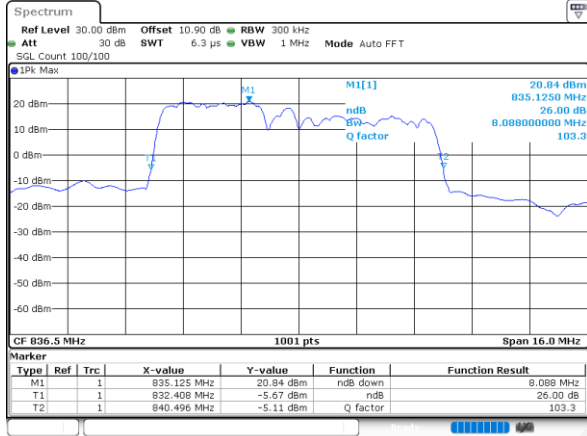
N/A



LTE Band 5B

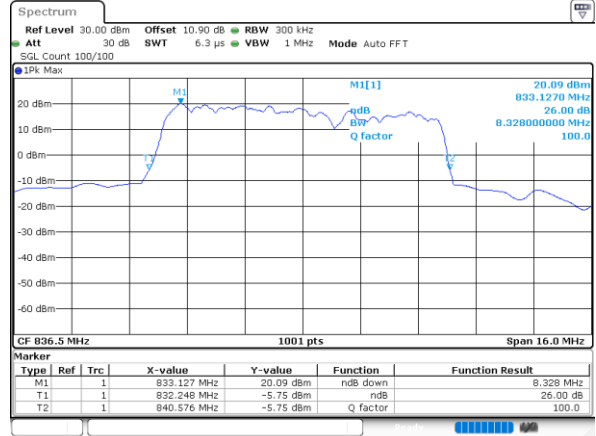
64QAM

Middle Channel / 3MHz+5MHz



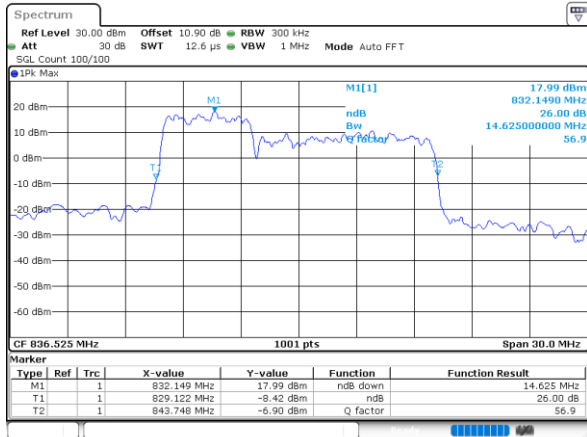
Date: 18.OCT.2022 02:52:06

Middle Channel / 5MHz+3MHz



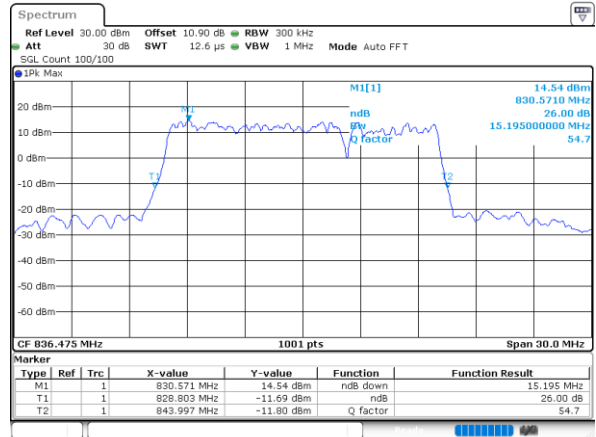
Date: 18.OCT.2022 03:36:14

Middle Channel / 5MHz+10MHz



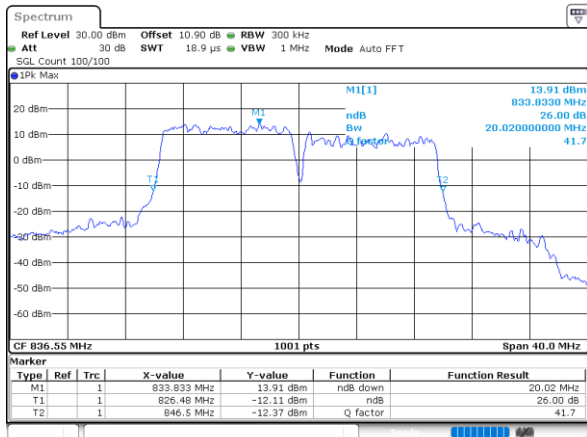
Date: 18.OCT.2022 04:15:30

Middle Channel / 10MHz+5MHz



Date: 18.OCT.2022 04:53:26

Middle Channel / 10MHz+10MHz



Date: 18.OCT.2022 05:31:34

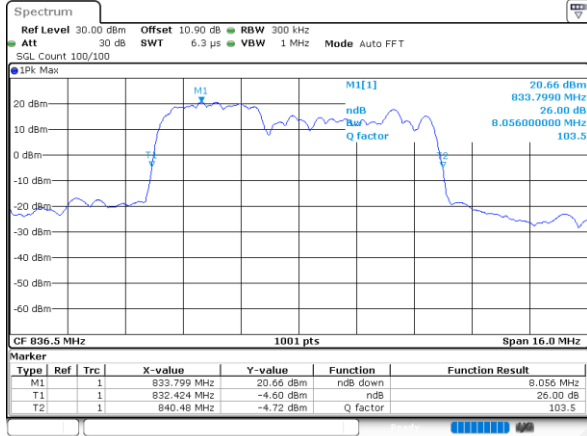
N/A



LTE Band 5B

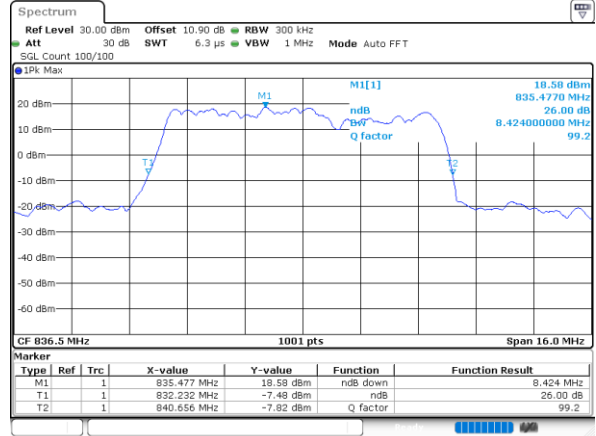
256QAM

Middle Channel / 3MHz+5MHz



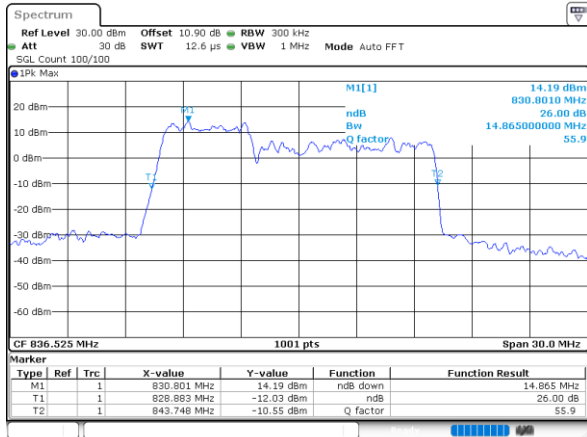
Date: 18_OCT_2022 05:46:09

Middle Channel / 5MHz+3MHz



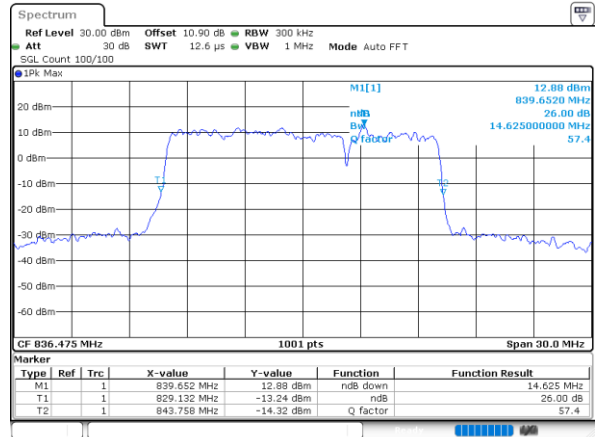
Date: 18_OCT_2022 05:54:36

Middle Channel / 5MHz+10MHz



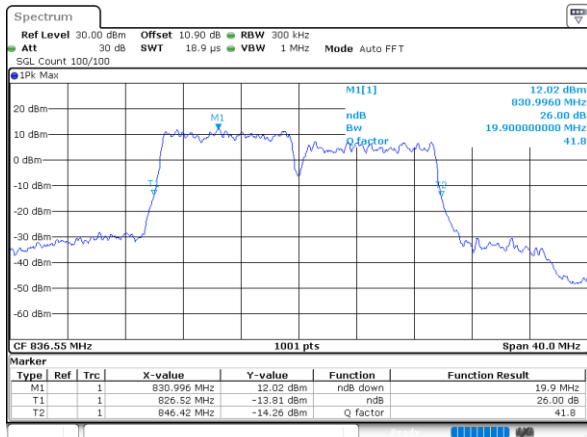
Date: 18_OCT_2022 06:05:54

Middle Channel / 10MHz+5MHz



Date: 18_OCT_2022 06:16:36

Middle Channel / 10MHz+10MHz



Date: 18_OCT_2022 06:24:41

N/A



Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.48	7.54	13.85
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.85	18.70	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.53	7.56	13.79
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.94	18.78	-

Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.51	7.59	13.91
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.94	18.78	-

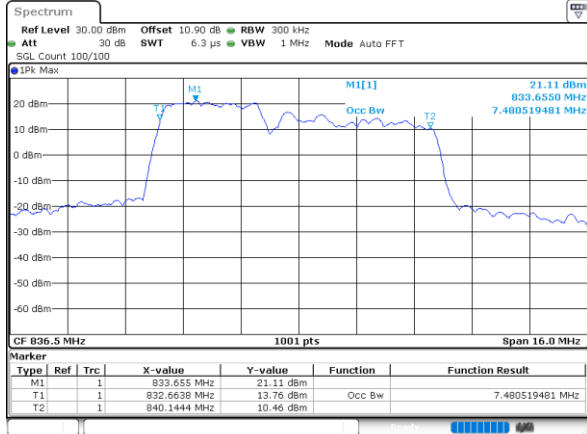
Mode	LTE Band 5B : 99%OBW(MHz)		
254QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.56	7.58	13.85
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.00	18.62	-



LTE Band 5B

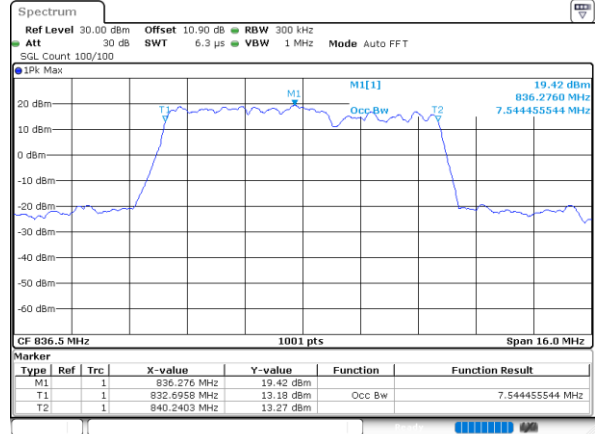
QPSK

Middle Channel / 3MHz+5MHz



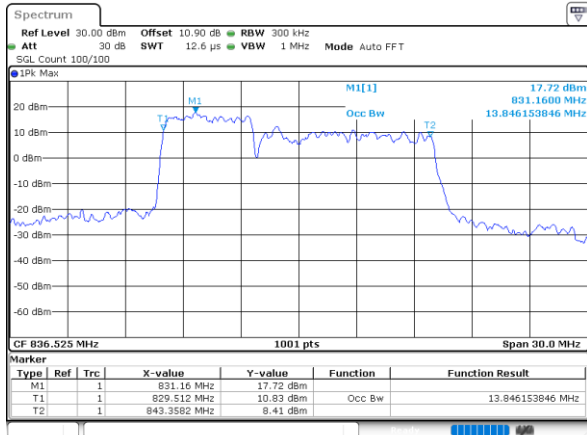
Date: 18.OCT.2022 02:46:38

Middle Channel / 5MHz+3MHz



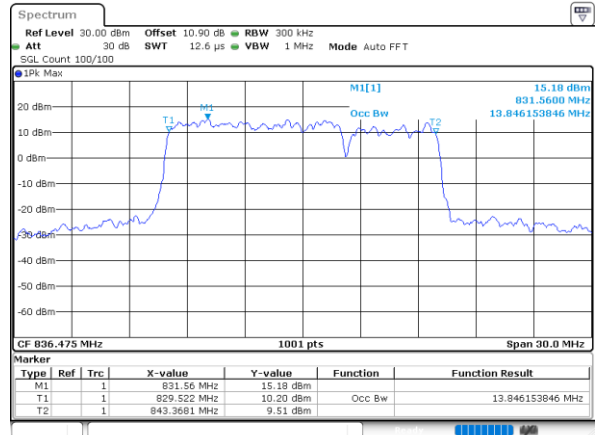
Date: 18.OCT.2022 03:34:37

Middle Channel / 5MHz+10MHz



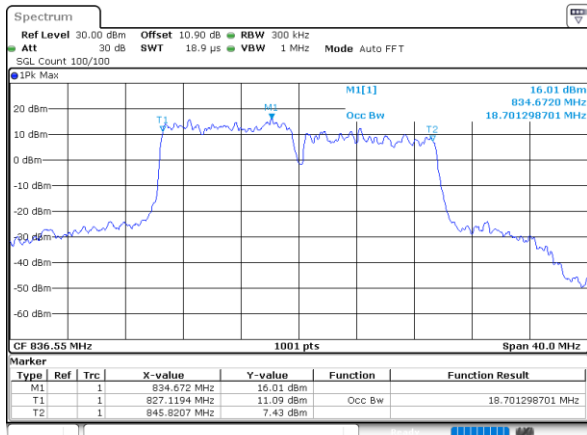
Date: 18.OCT.2022 04:13:53

Middle Channel / 10MHz+5MHz



Date: 18.OCT.2022 04:51:49

Middle Channel / 10MHz+10MHz



Date: 18.OCT.2022 05:30:04

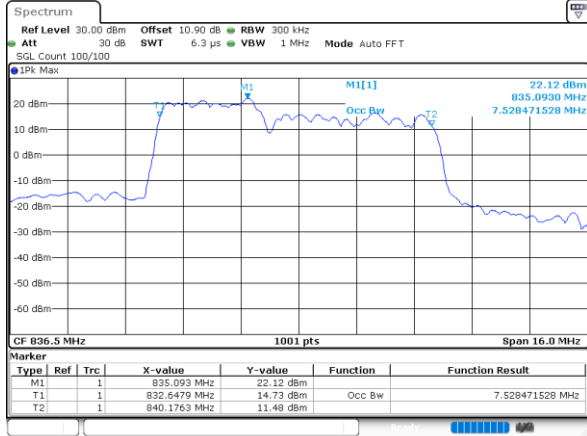
N/A



LTE Band 5B

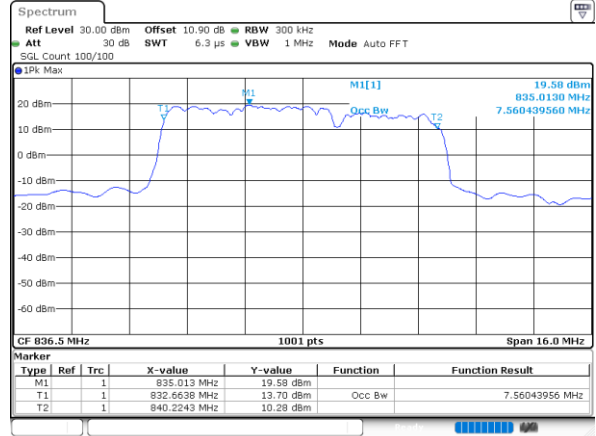
16QAM

Middle Channel / 3MHz+5MHz



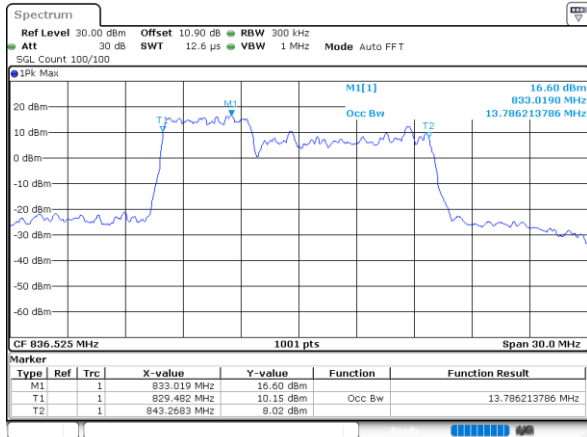
Date: 25.OCT.2022 05:14:50

Middle Channel / 5MHz+3MHz



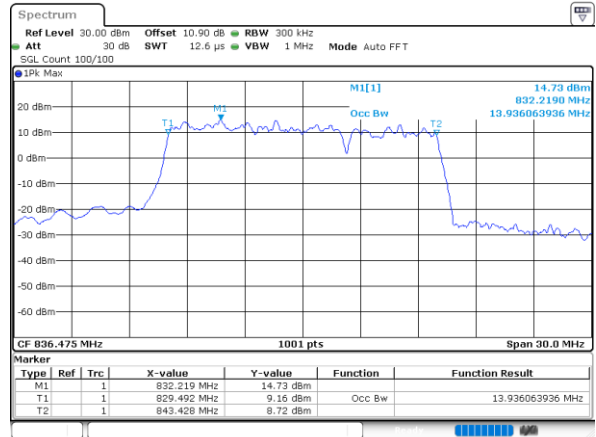
Date: 18.OCT.2022 03:35:09

Middle Channel / 5MHz+10MHz



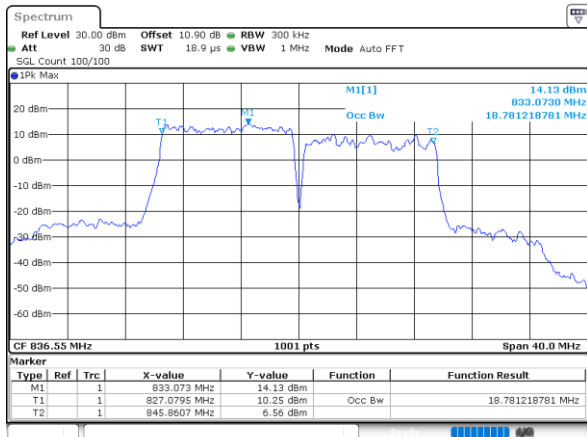
Date: 18.OCT.2022 04:14:25

Middle Channel / 10MHz+5MHz



Date: 18.OCT.2022 04:52:21

Middle Channel / 10MHz+10MHz



Date: 18.OCT.2022 05:30:34

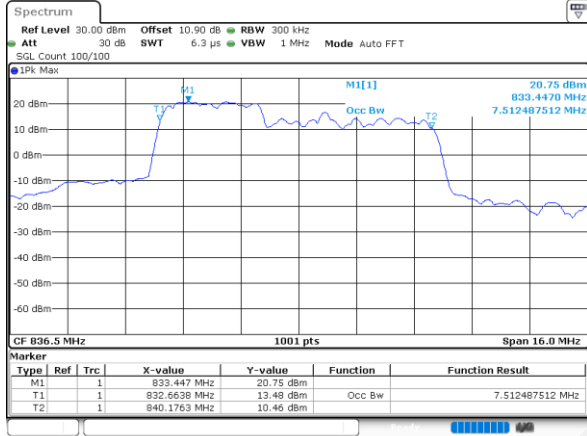
N/A



LTE Band 5B

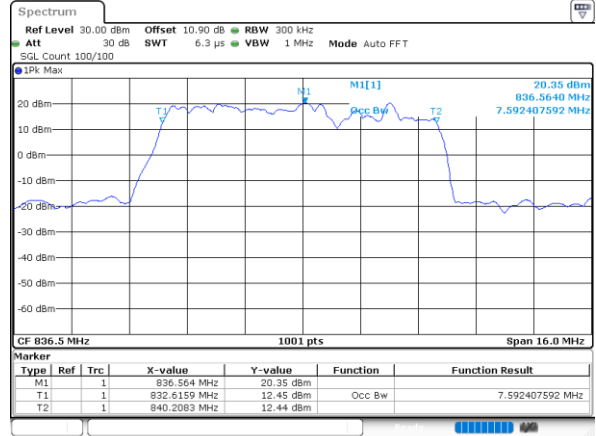
64QAM

Middle Channel / 3MHz+5MHz



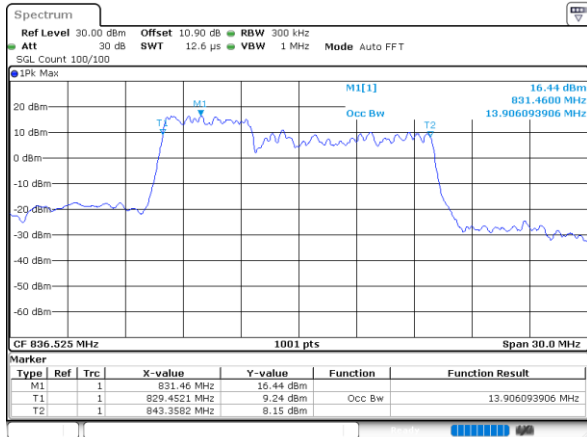
Date: 18.OCT.2022 02:51:34

Middle Channel / 5MHz+3MHz



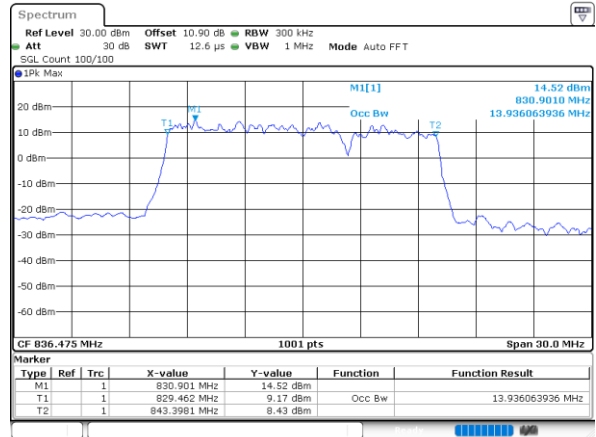
Date: 18.OCT.2022 03:35:42

Middle Channel / 5MHz+10MHz



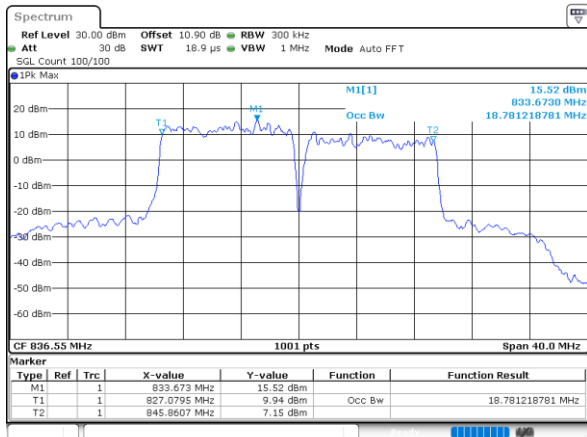
Date: 18.OCT.2022 04:14:58

Middle Channel / 10MHz+5MHz



Date: 18.OCT.2022 04:52:54

Middle Channel / 10MHz+10MHz



Date: 18.OCT.2022 05:31:04

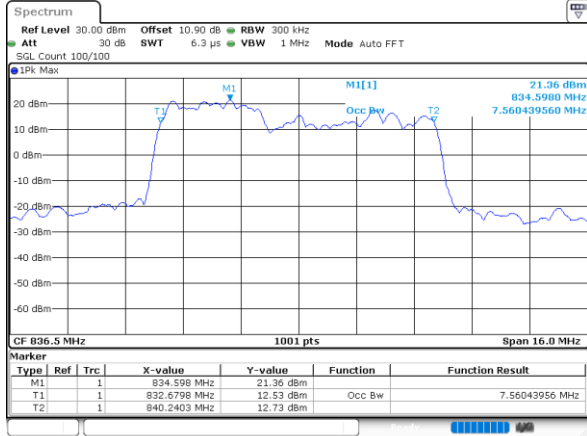
N/A



LTE Band 5B

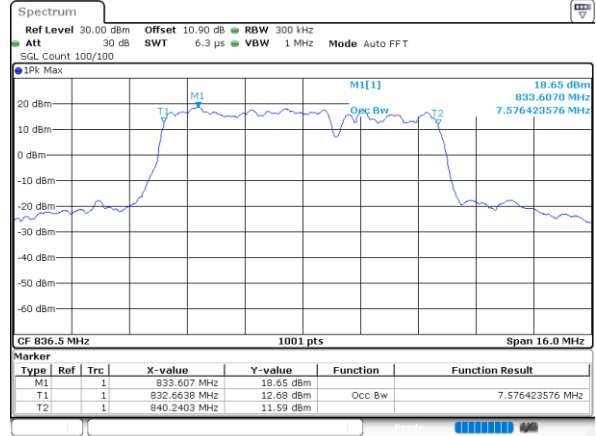
256QAM

Middle Channel / 3MHz+5MHz



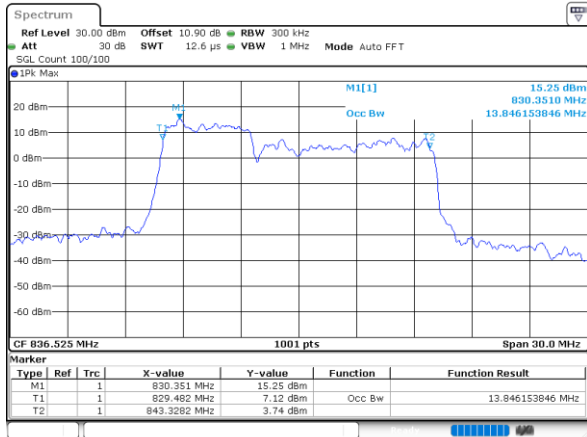
Date: 18.OCT.2022 05:45:37

Middle Channel / 5MHz+3MHz



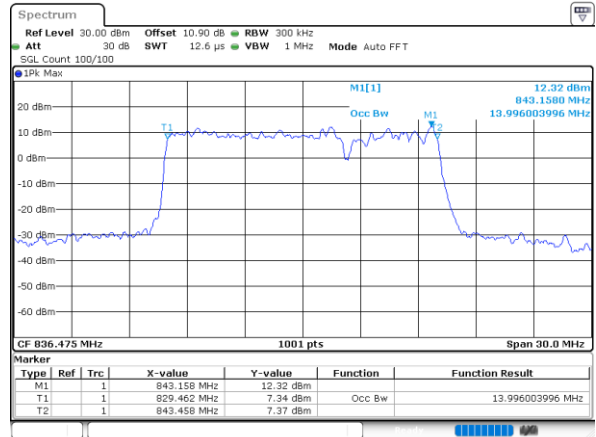
Date: 18.OCT.2022 05:54:03

Middle Channel / 5MHz+10MHz



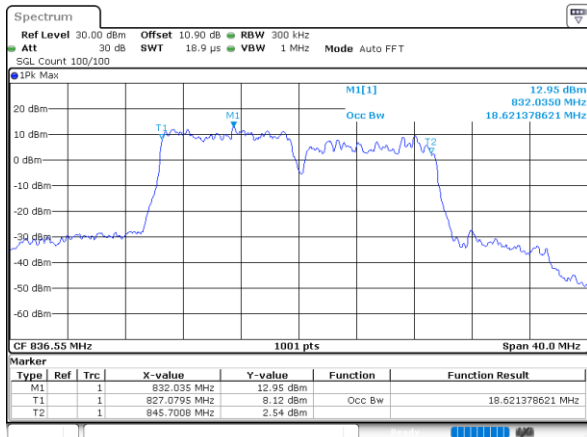
Date: 18.OCT.2022 06:04:39

Middle Channel / 10MHz+5MHz



Date: 18.OCT.2022 06:14:30

Middle Channel / 10MHz+10MHz



Date: 18.OCT.2022 06:24:11

N/A



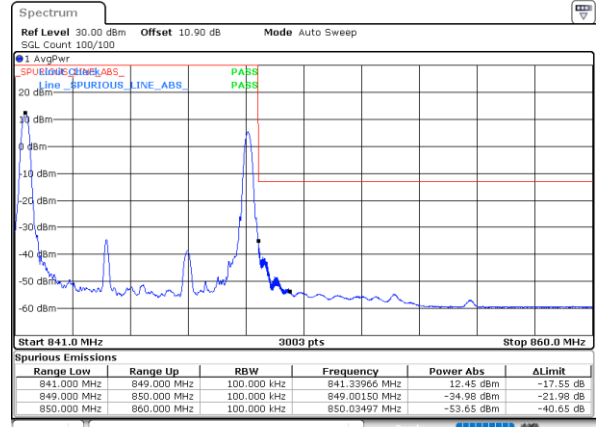
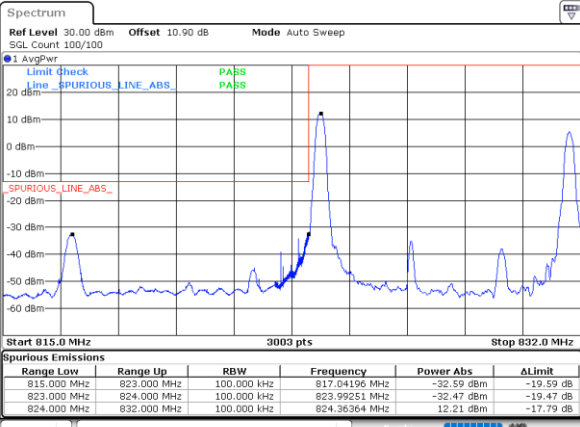
Conducted Band Edge

LTE Band 5B / 3MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

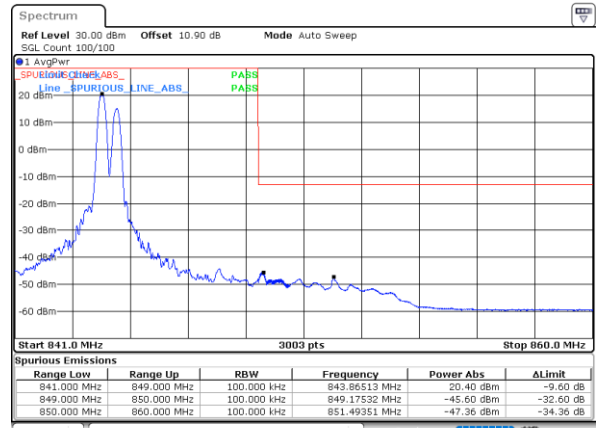
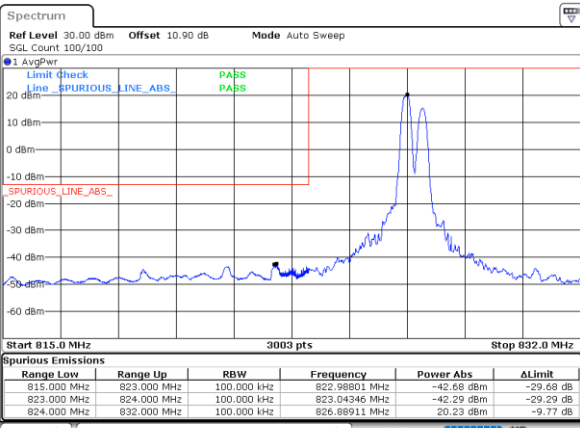


Date: 18.OCT.2022 02:13:05

Date: 18.OCT.2022 02:16:16

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

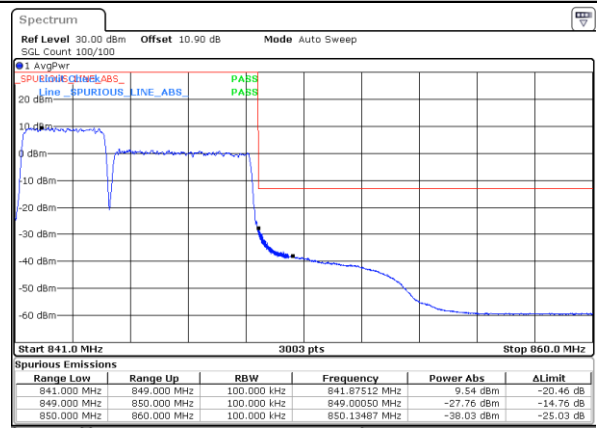
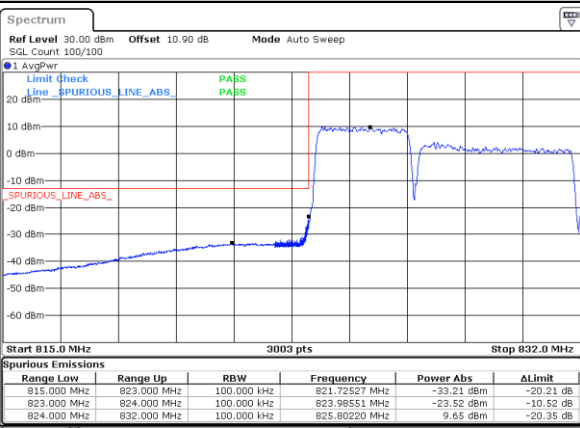


Date: 18.OCT.2022 02:14:59

Date: 18.OCT.2022 02:15:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2022 02:21:05

Date: 18.OCT.2022 02:16:22

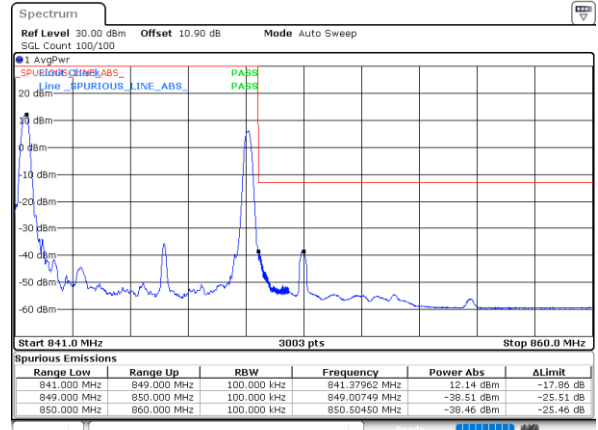
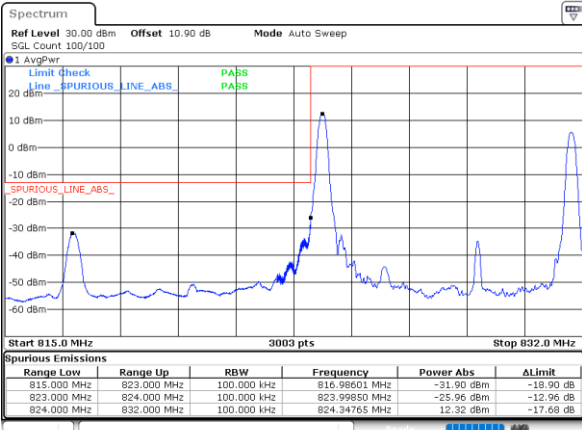


LTE Band 5B / 5MHz+3MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

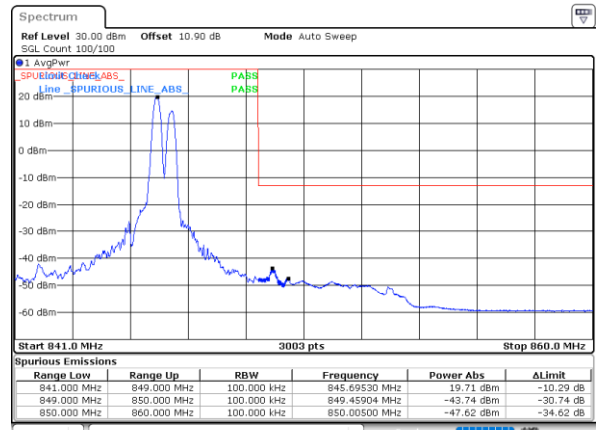
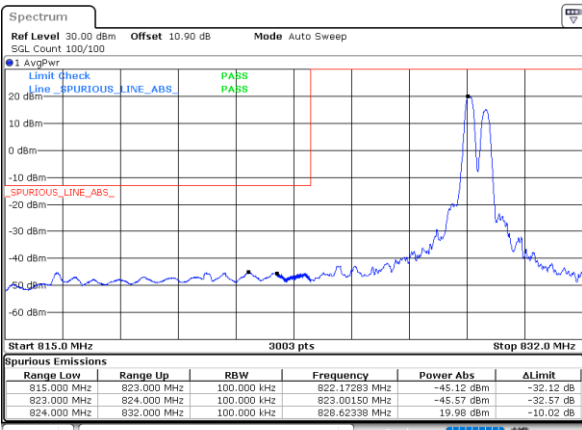


Date: 18.OCT.2022 03:25:52

Date: 18.OCT.2022 03:08:47

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

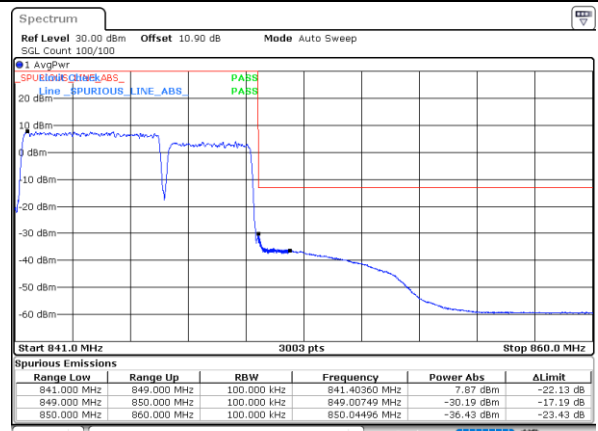
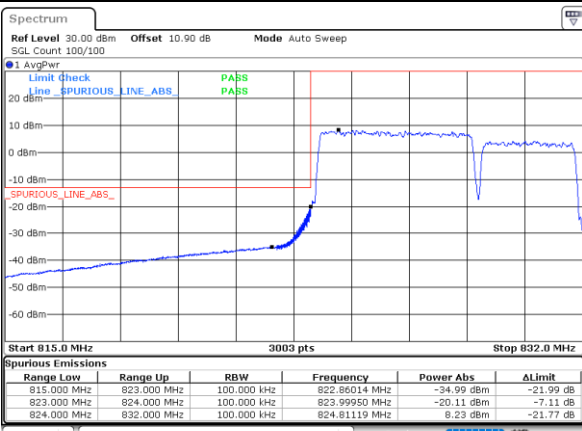


Date: 18.OCT.2022 03:27:05

Date: 18.OCT.2022 03:15:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2022 03:19:52

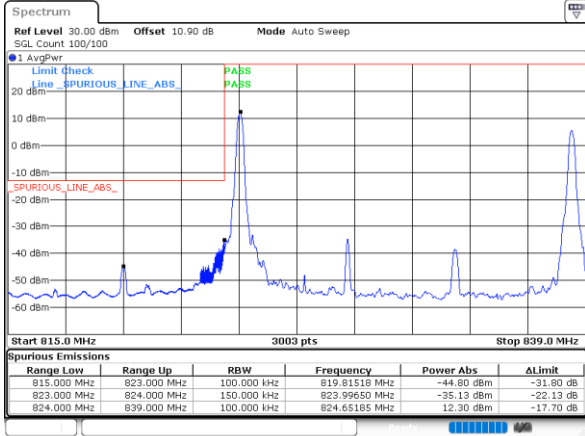
Date: 18.OCT.2022 03:07:35



LTE Band 5B / 5MHz+10MHz

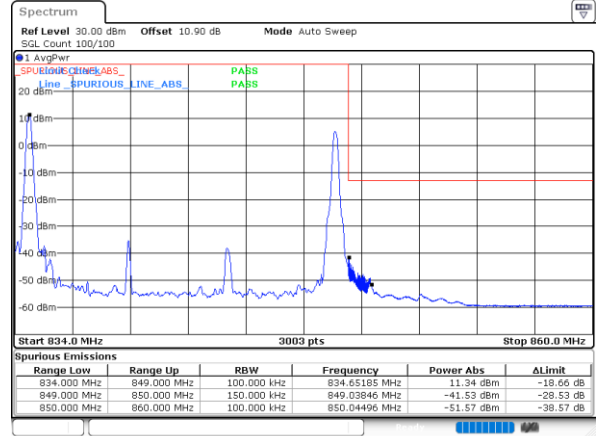
QPSK

Lowest Band Edge / 1RB0 and 1RB49



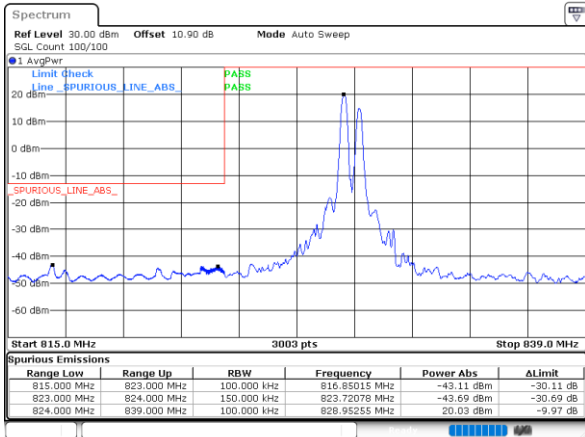
Date: 18.OCT.2022 04:02:55

Highest Band Edge / 1RB0 and 1RB49



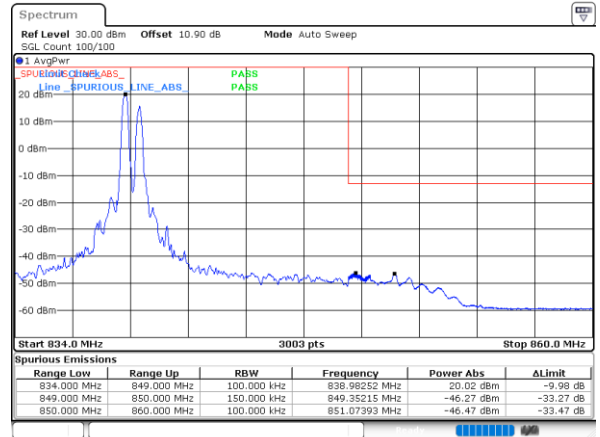
Date: 18.OCT.2022 03:45:34

Lowest Band Edge / 1RB24 and 1RB0



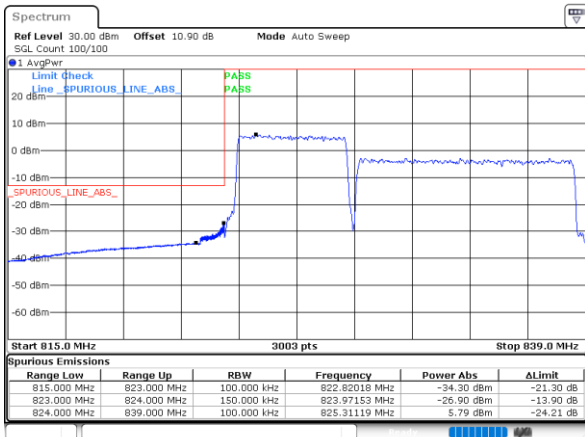
Date: 18.OCT.2022 04:05:15

Highest Band Edge / 1RB24 and 1RB0



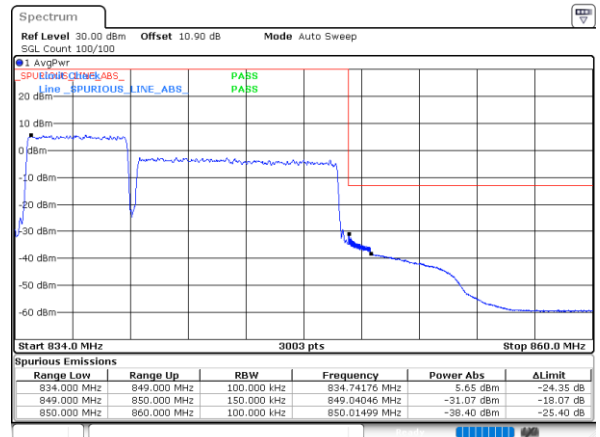
Date: 18.OCT.2022 03:51:33

Lowest Band Edge / Full RB



Date: 18.OCT.2022 03:56:12

Highest Band Edge / Full RB



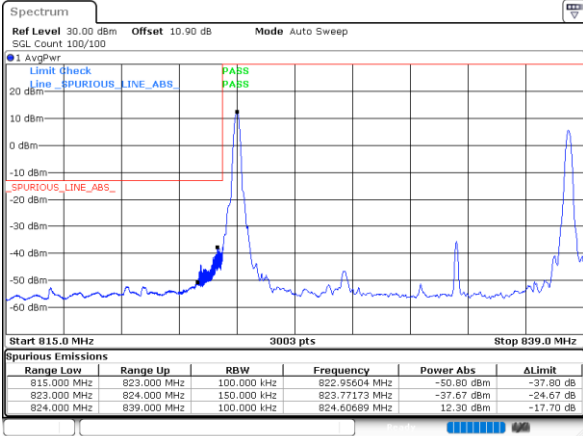
Date: 18.OCT.2022 03:44:22



LTE Band 5B / 10MHz+5MHz

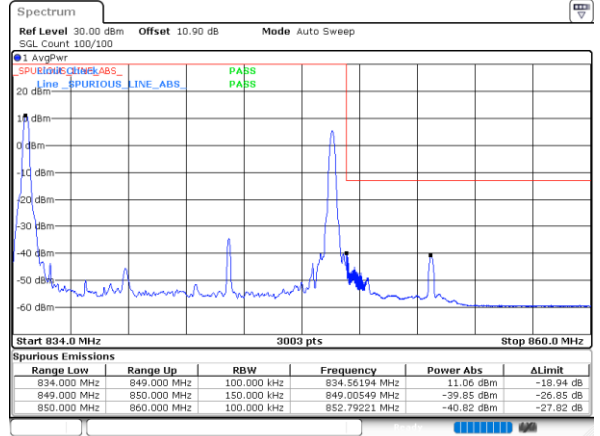
QPSK

Lowest Band Edge / 1RB0 and 1RB24



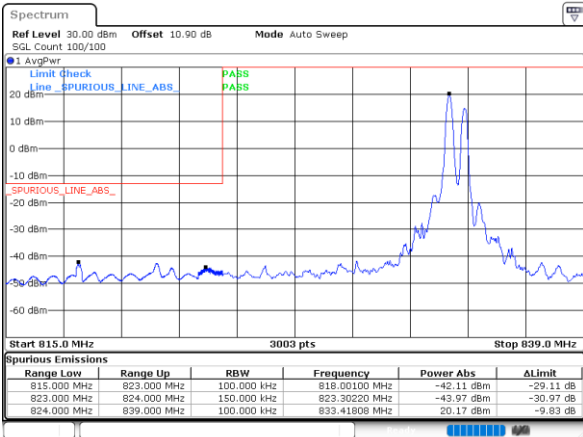
Date: 18.OCT.2022 04:40:49

Highest Band Edge / 1RB0 and 1RB24



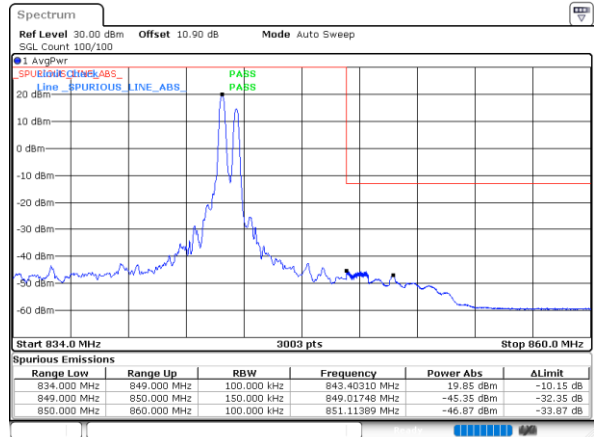
Date: 18.OCT.2022 04:24:53

Lowest Band Edge / 1RB49 and 1RB0



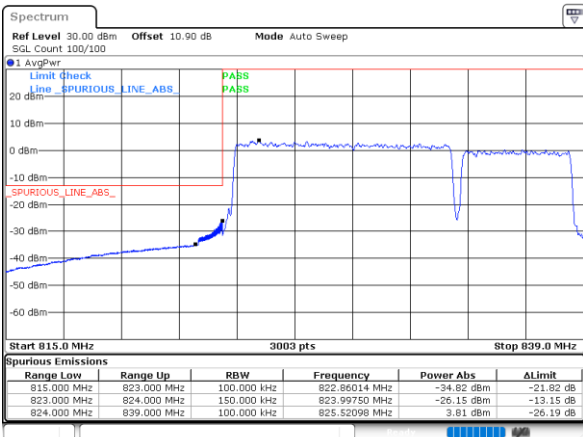
Date: 18.OCT.2022 04:42:01

Highest Band Edge / 1RB49 and 1RB0



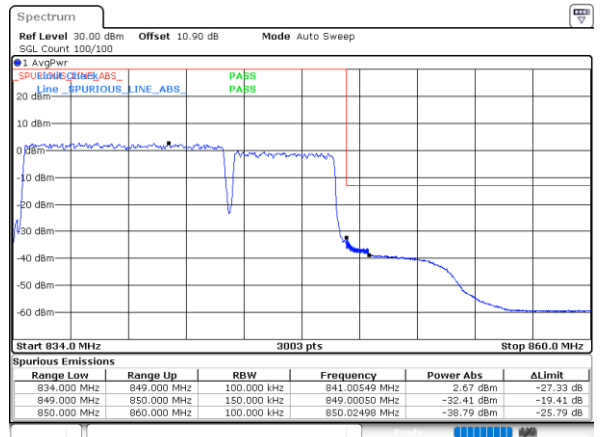
Date: 18.OCT.2022 04:30:52

Lowest Band Edge / Full RB



Date: 18.OCT.2022 04:34:48

Highest Band Edge / Full RB



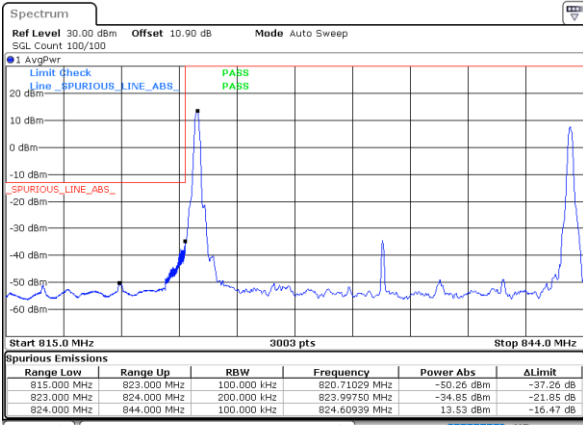
Date: 18.OCT.2022 04:23:40



LTE Band 5B / 10MHz+10MHz

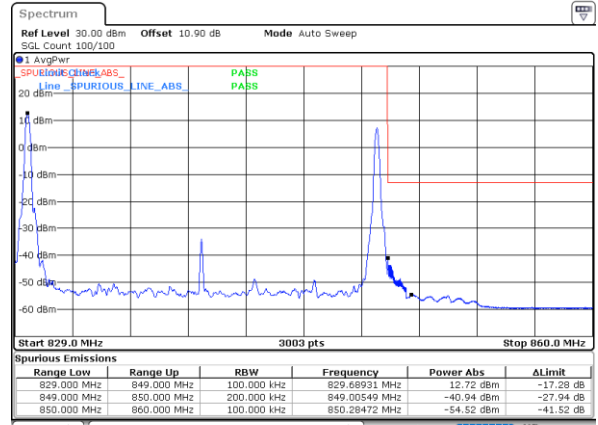
QPSK

Lowest Band Edge / 1RB0 and 1RB49



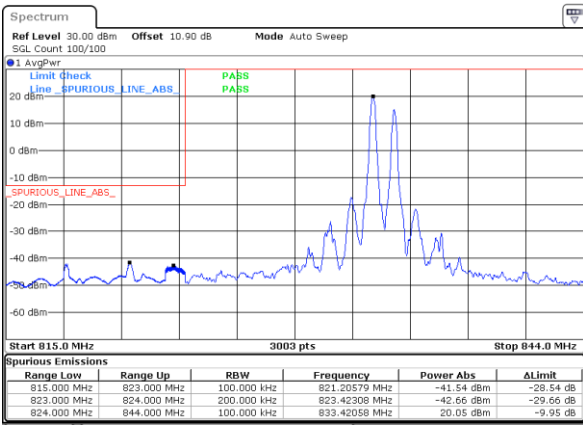
Date: 18.OCT.2022 05:22:43

Highest Band Edge / 1RB0 and 1RB49



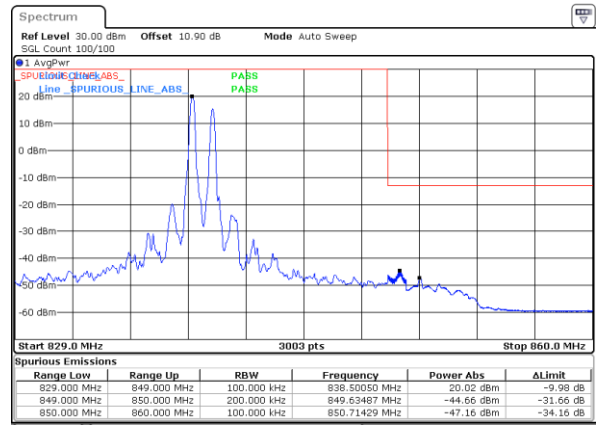
Date: 18.OCT.2022 05:07:19

Lowest Band Edge / 1RB49 and 1RB0



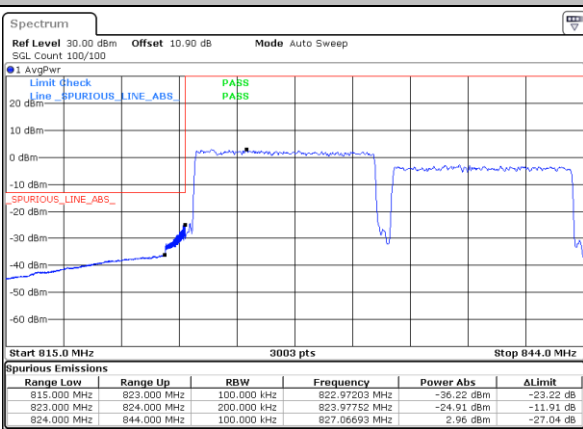
Date: 18.OCT.2022 05:23:52

Highest Band Edge / 1RB49 and 1RB0



Date: 18.OCT.2022 05:13:06

Lowest Band Edge / Full RB



Date: 18.OCT.2022 05:16:55

Highest Band Edge / Full RB



Date: 18.OCT.2022 05:06:09

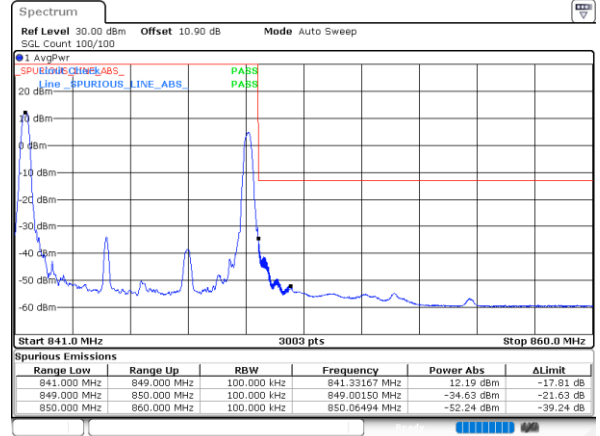
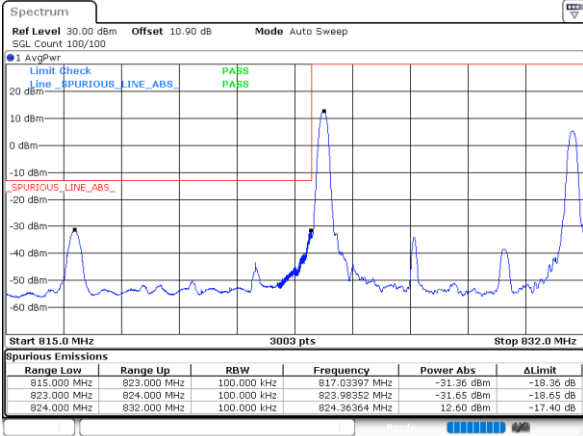


LTE Band 5B / 3MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

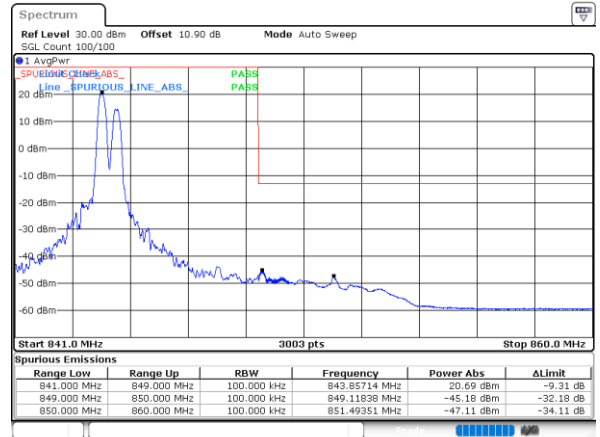
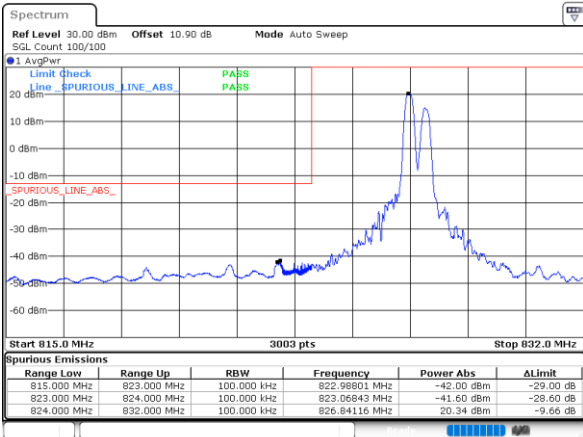


Date: 18.OCT.2022 02:31:11

Date: 18.OCT.2022 02:07:29

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

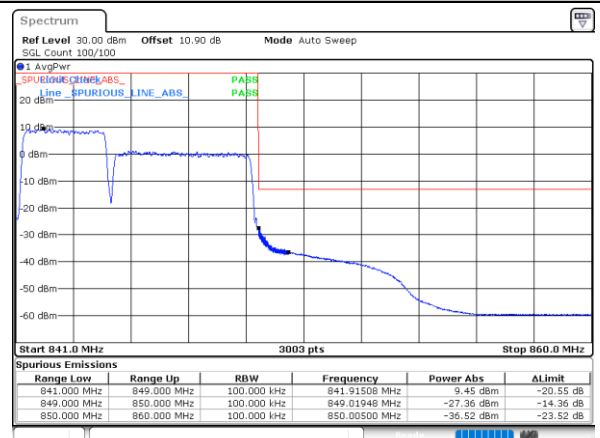
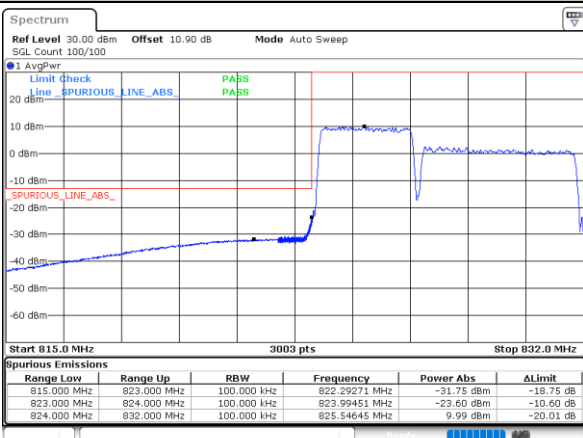


Date: 18.OCT.2022 02:36:54

Date: 18.OCT.2022 02:13:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.OCT.2022 02:22:59

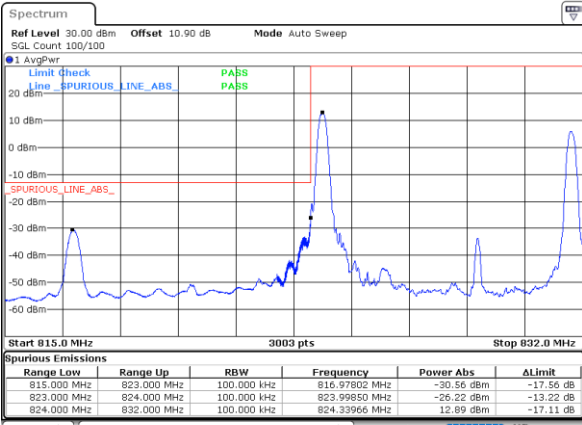
Date: 31.OCT.2022 18:13:18



LTE Band 5B / 5MHz+3MHz

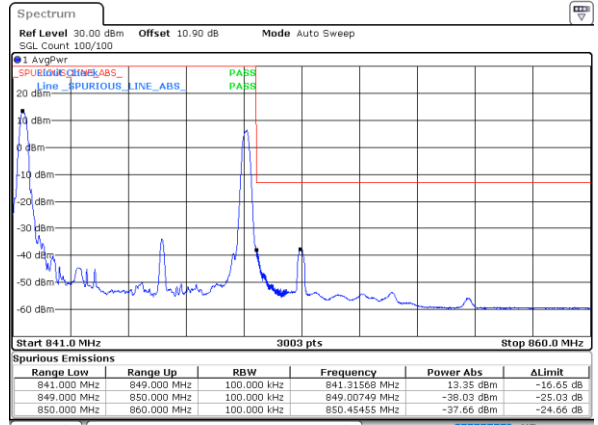
16QAM

Lowest Band Edge / 1RB0 and 1RB14



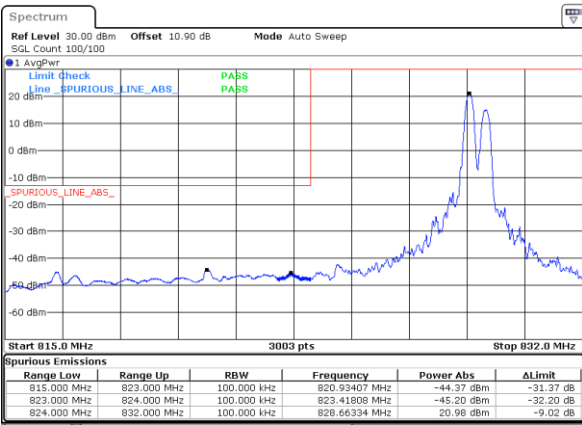
Date: 18.OCT.2022 03:24:40

Highest Band Edge / 1RB0 and 1RB14



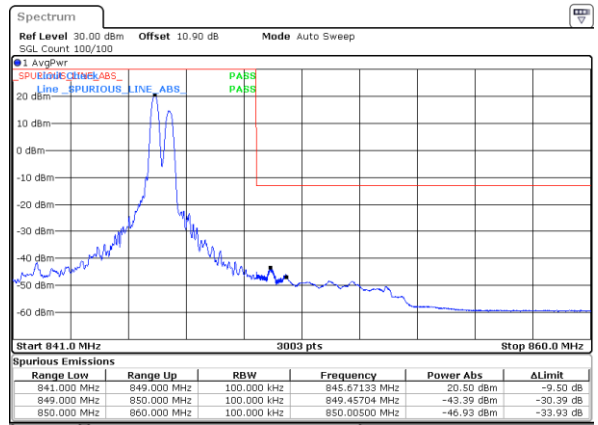
Date: 18.OCT.2022 03:13:00

Lowest Band Edge / 1RB24 and 1RB0



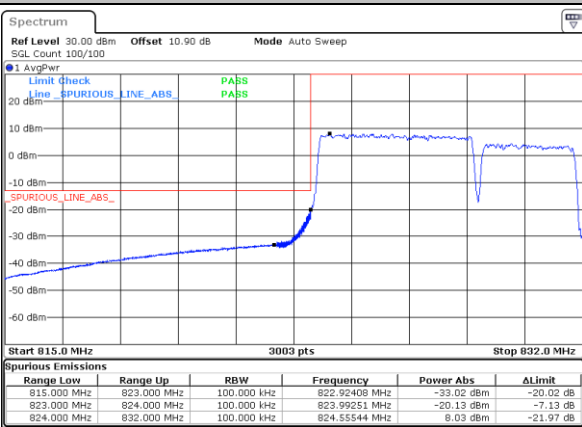
Date: 18.OCT.2022 03:28:17

Highest Band Edge / 1RB24 and 1RB0



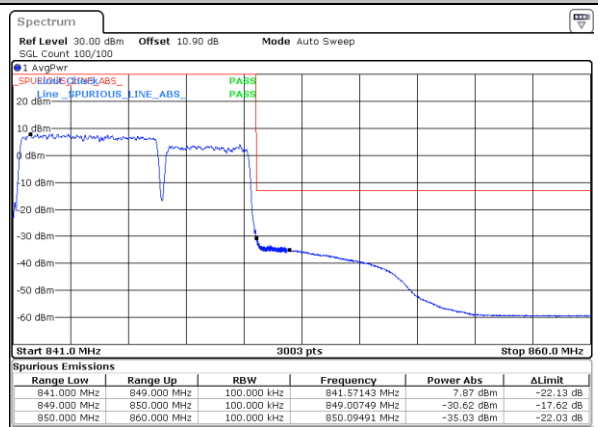
Date: 18.OCT.2022 03:13:35

Lowest Band Edge / Full RB



Date: 18.OCT.2022 03:21:04

Highest Band Edge / Full RB



Date: 18.OCT.2022 03:06:23