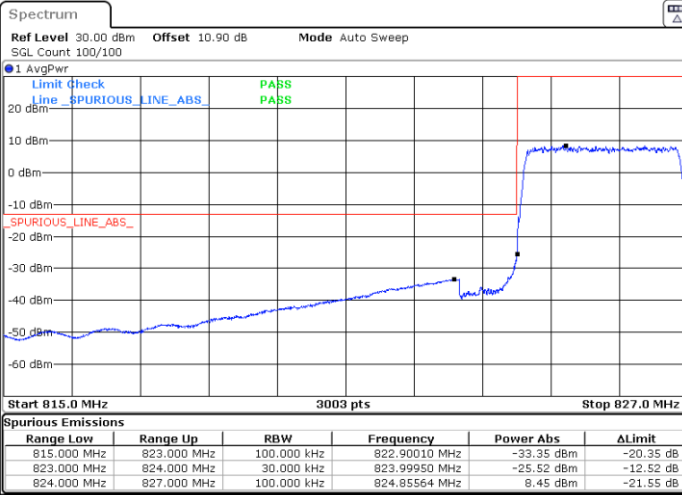




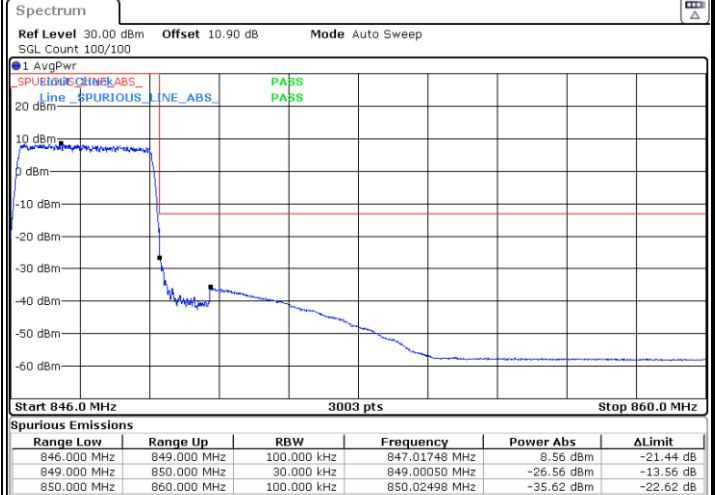
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / Full RB



Date: 1.AUG.2023 20:35:14

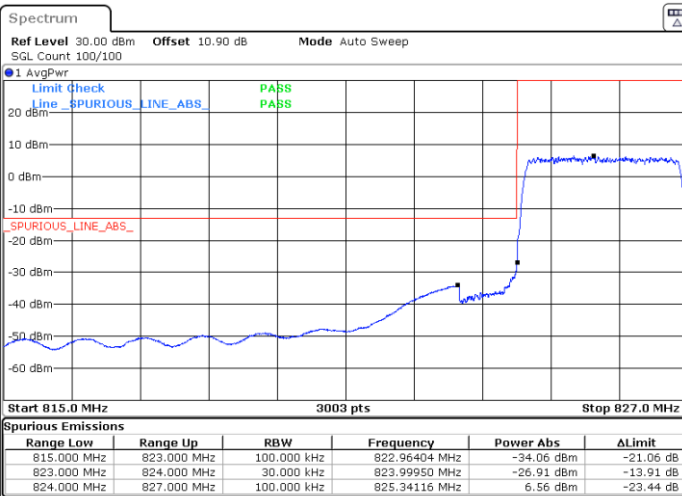
Highest Band Edge / Full RB



Date: 1.AUG.2023 20:42:04

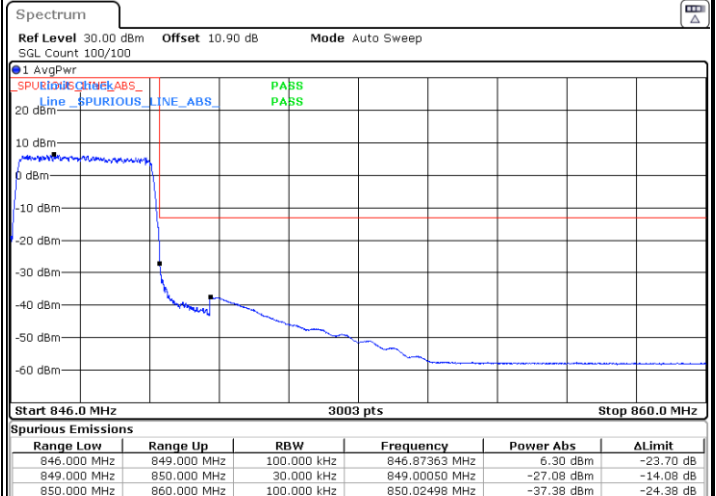
LTE Band 5 / 3MHz / 256QAM

Lowest Band Edge / Full RB



Date: 1.AUG.2023 20:36:13

Highest Band Edge / Full RB

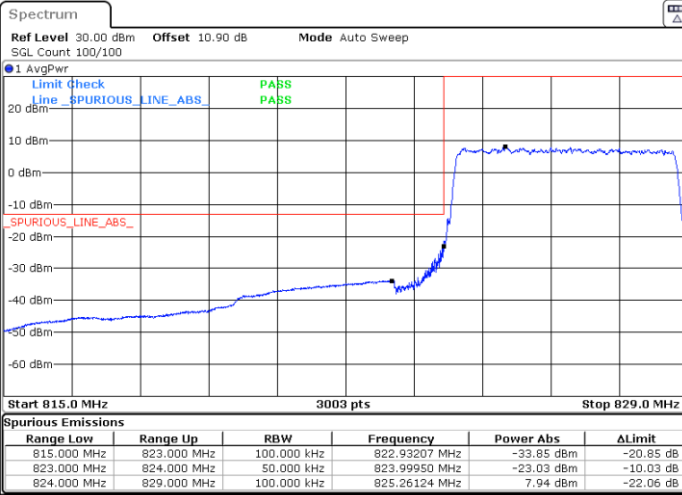


Date: 1.AUG.2023 20:43:04



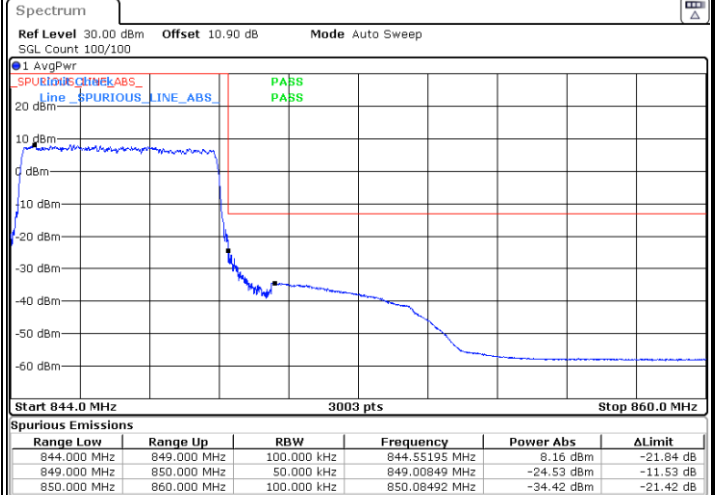
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / Full RB



Date: 1.AUG.2023 20:44:09

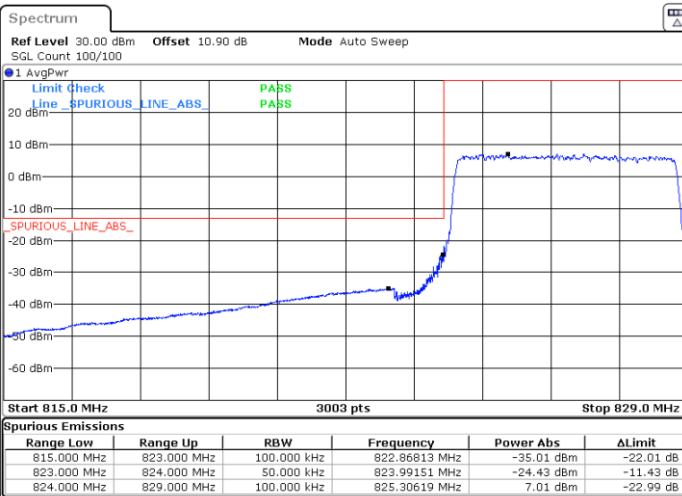
Highest Band Edge / Full RB



Date: 1.AUG.2023 20:50:59

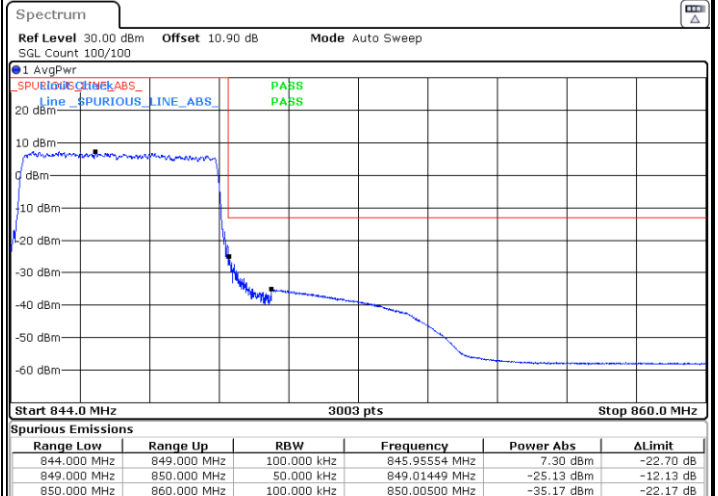
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / Full RB



Date: 1.AUG.2023 20:45:08

Highest Band Edge / Full RB

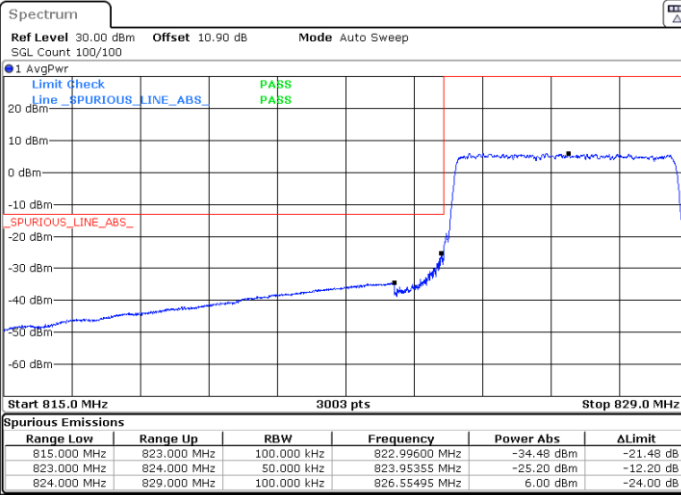


Date: 1.AUG.2023 20:51:58



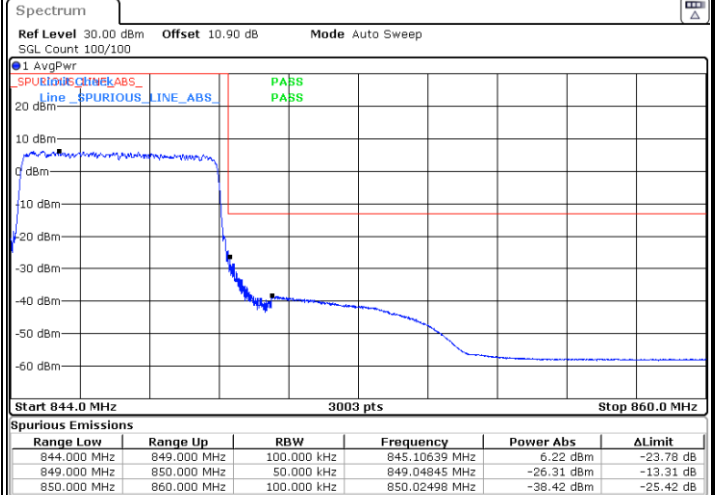
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / Full RB



Date: 1.AUG.2023 20:46:08

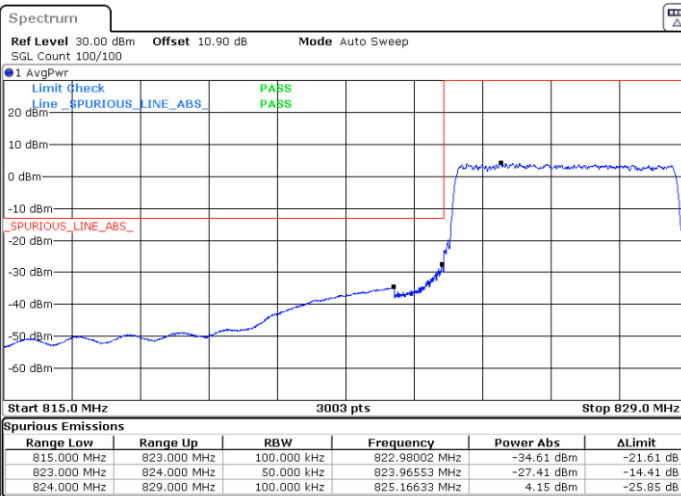
Highest Band Edge / Full RB



Date: 1.AUG.2023 20:52:58

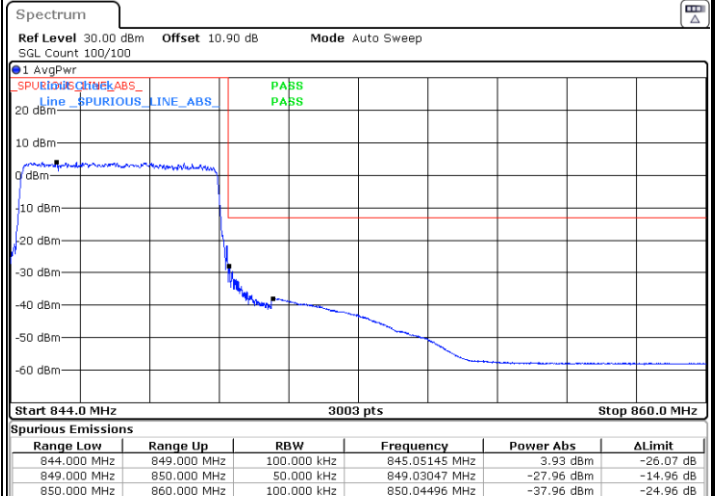
LTE Band 5 / 5MHz / 256QAM

Lowest Band Edge / Full RB



Date: 1.AUG.2023 20:47:08

Highest Band Edge / Full RB

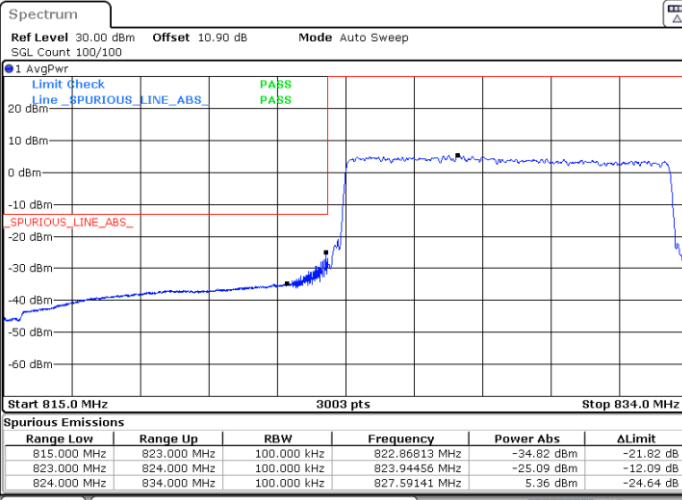


Date: 1.AUG.2023 20:53:58



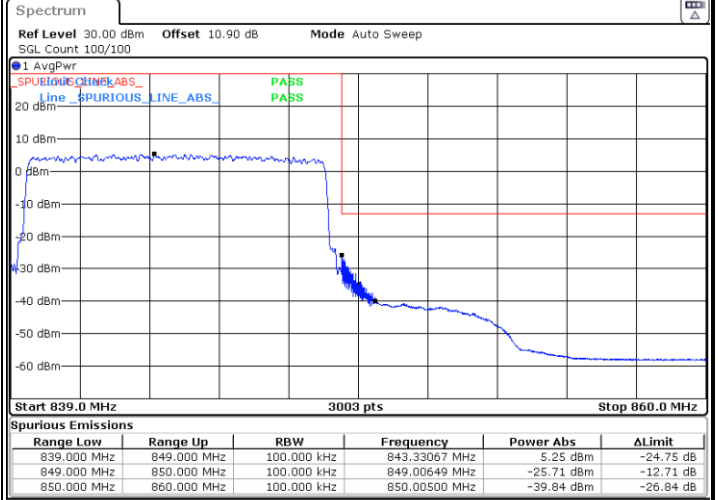
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 1.AUG.2023 20:55:04

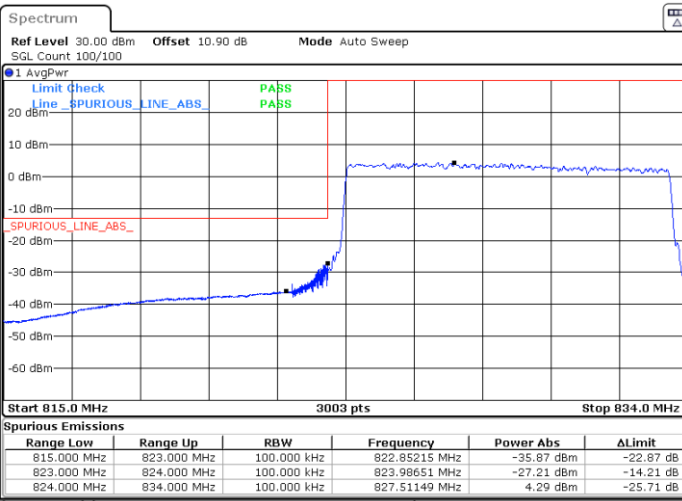
Highest Band Edge / Full RB



Date: 1.AUG.2023 21:02:56

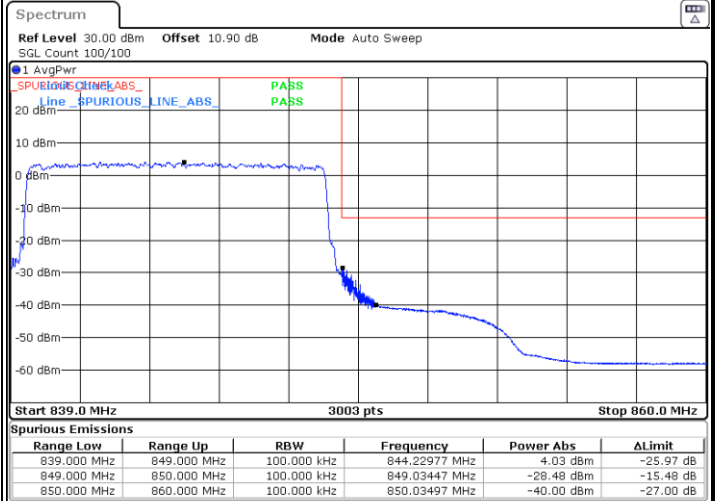
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 1.AUG.2023 20:56:04

Highest Band Edge / Full RB

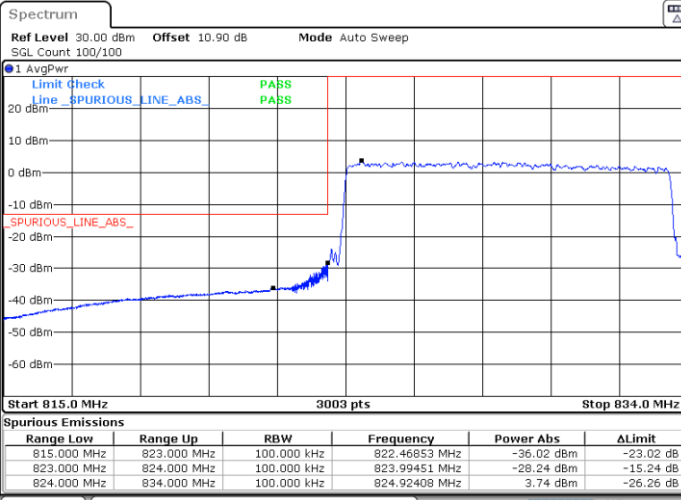


Date: 1.AUG.2023 21:03:56



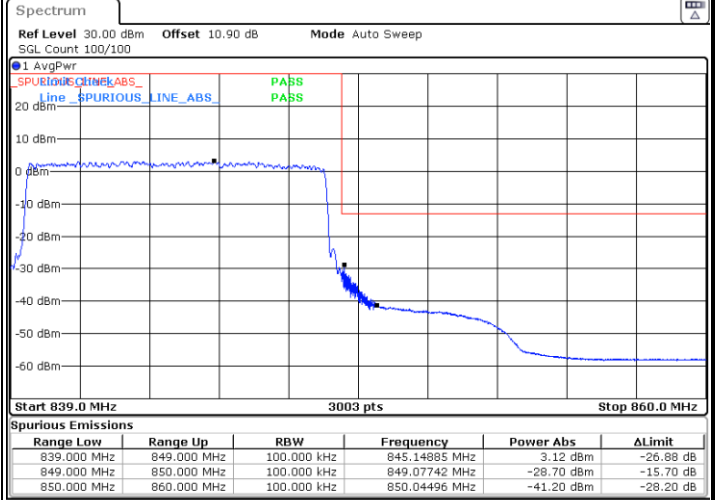
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 1.AUG.2023 20:57:03

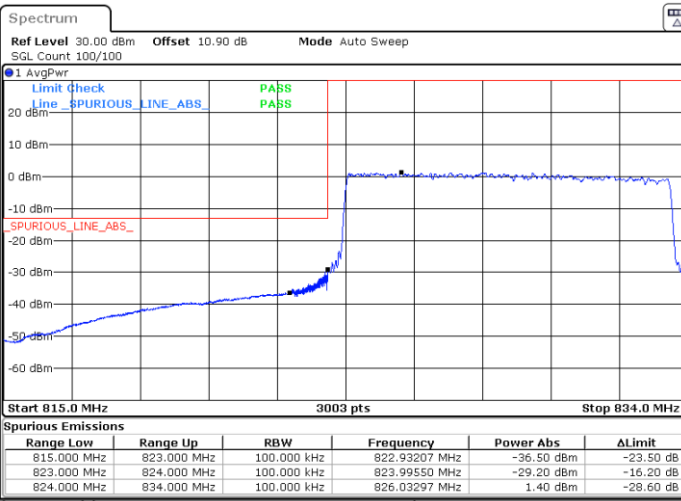
Highest Band Edge / Full RB



Date: 1.AUG.2023 21:04:56

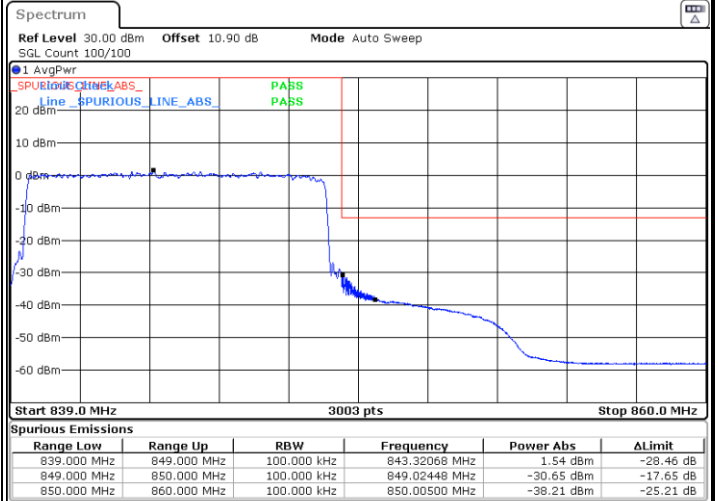
LTE Band 5 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 1.AUG.2023 20:58:03

Highest Band Edge / Full RB



Date: 1.AUG.2023 21:05:55

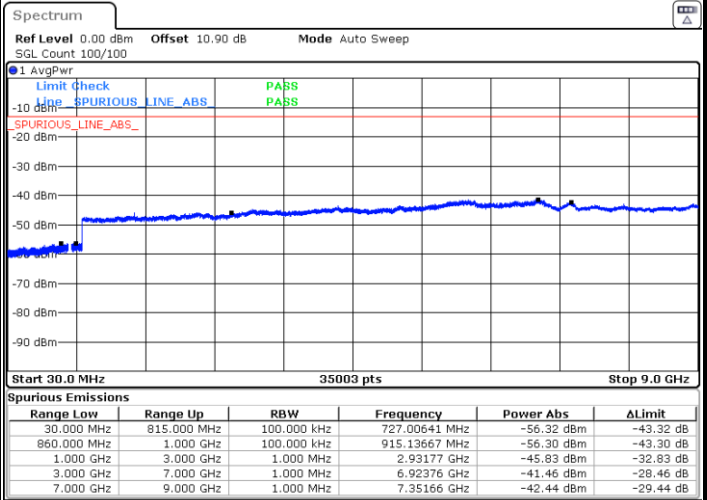
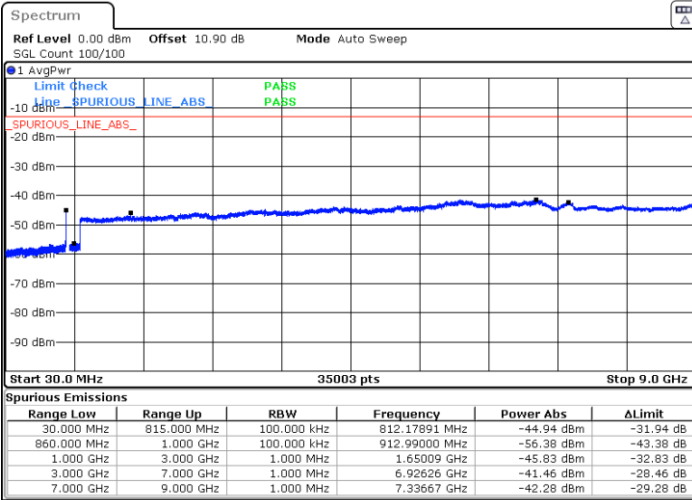


Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

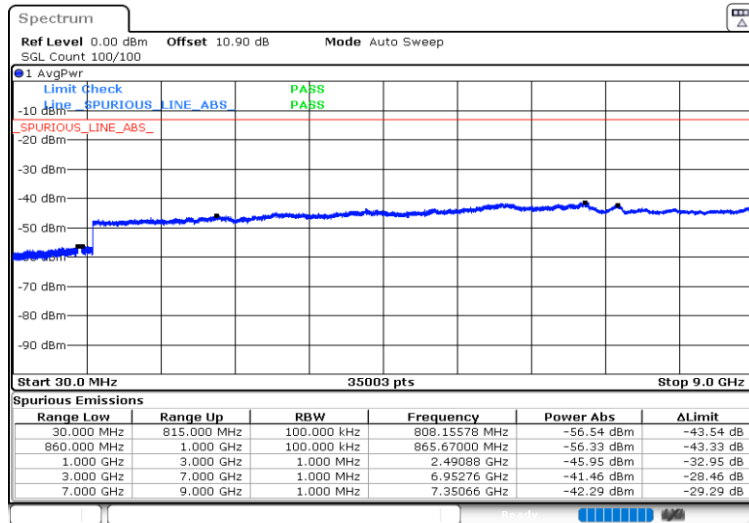
Middle Channel / QPSK



Date: 1.AUG.2023 19:39:44

Date: 1.AUG.2023 19:44:51

Highest Channel / QPSK



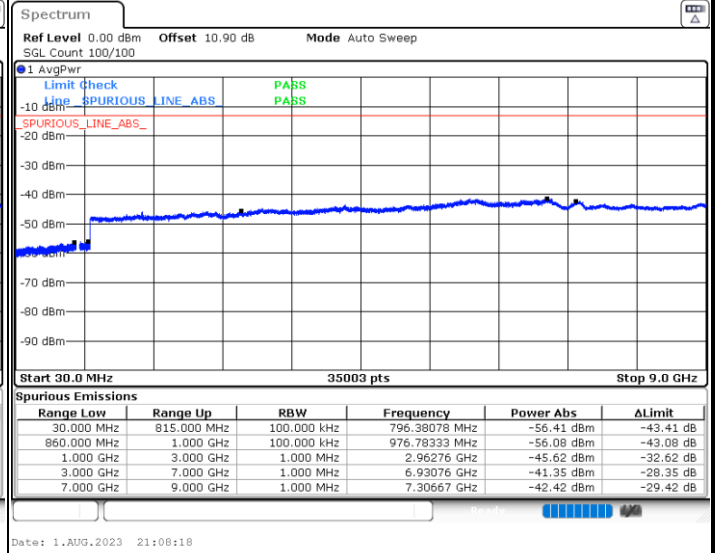
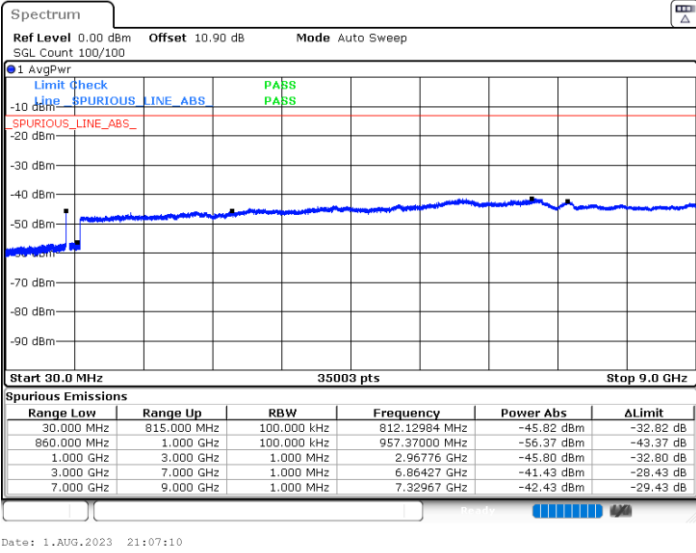
Date: 1.AUG.2023 20:32:10



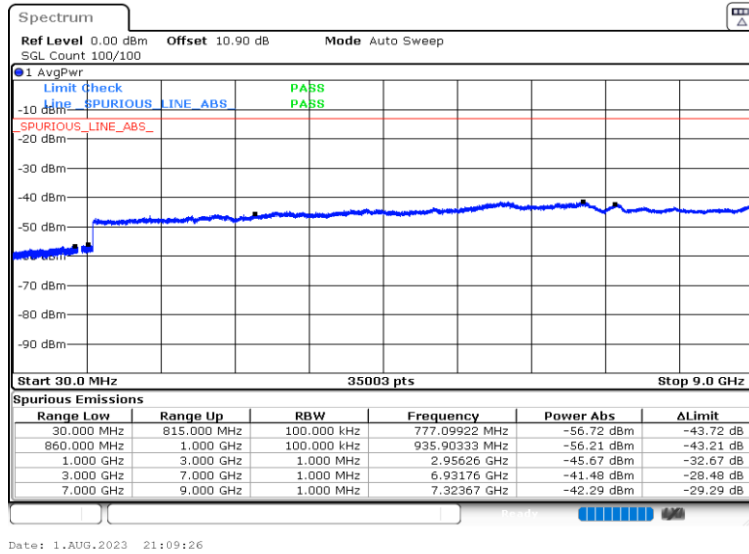
LTE Band 5 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

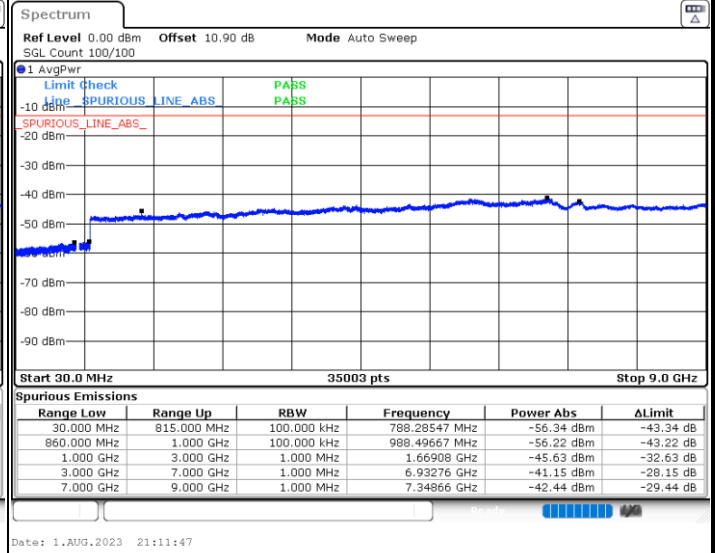
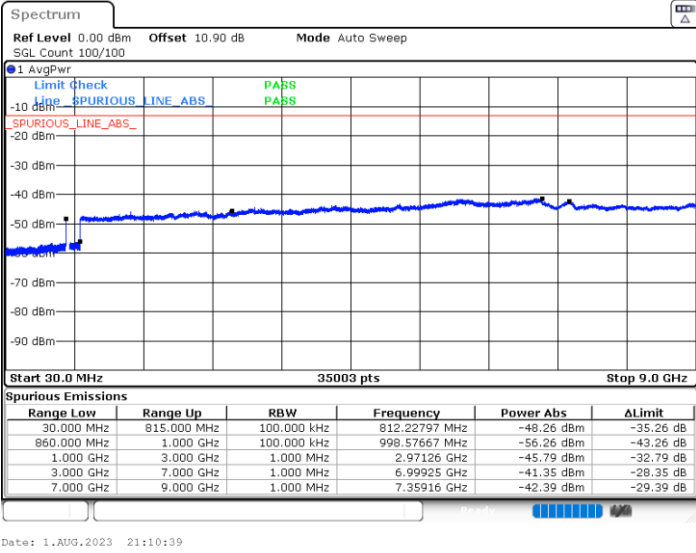




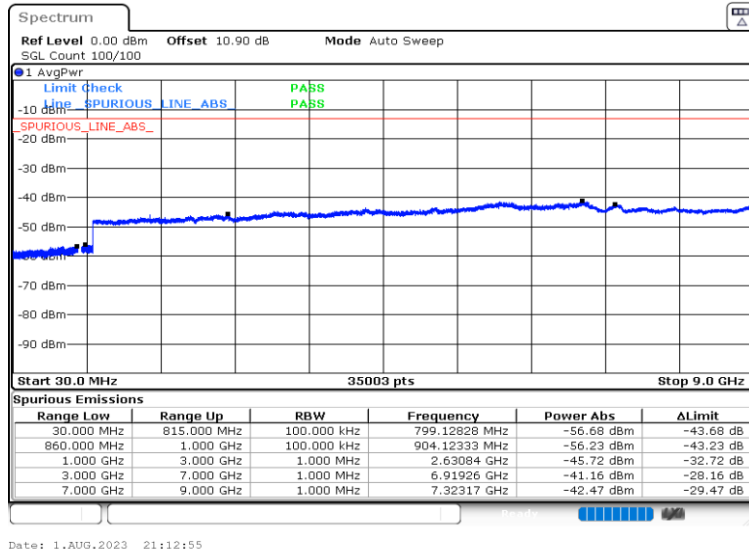
LTE Band 5 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

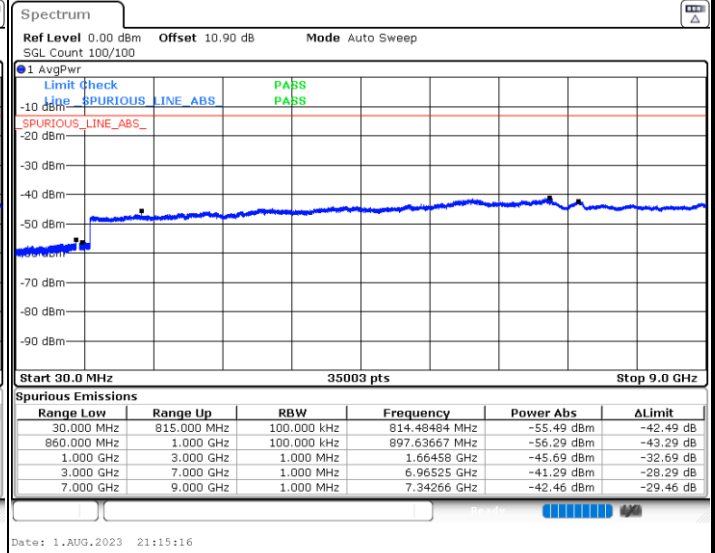
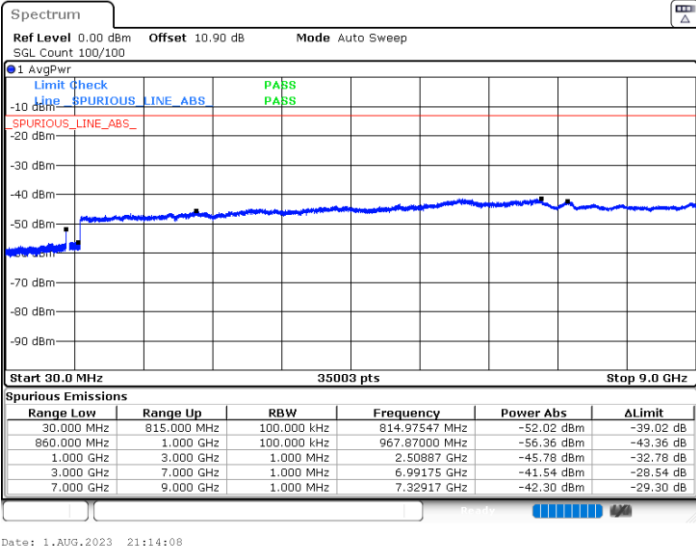




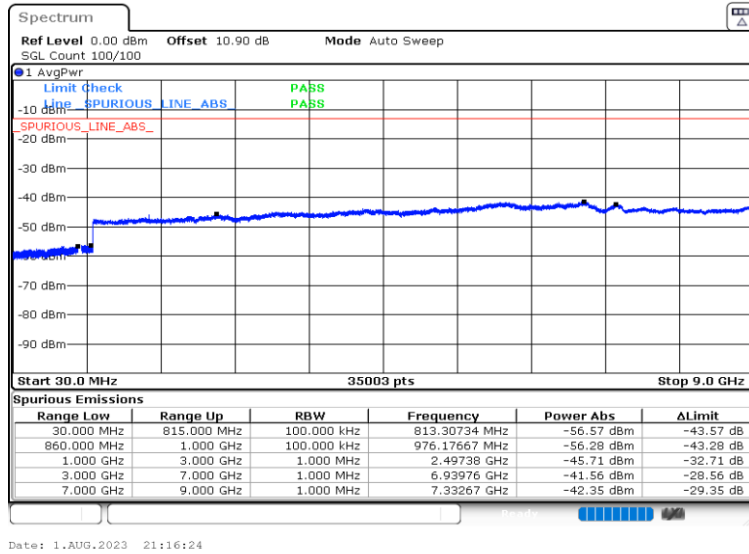
LTE Band 5 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



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	0.0005	PASS
40	Normal Voltage	0.0061	
30	Normal Voltage	0.0061	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0053	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0088	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0072	

Note:

- 1. Normal Voltage = 3.87 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.48 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	-	-	14.99
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.69	19.74	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	14.93
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.02	19.70	-

Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	15.20
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.87	19.58	-

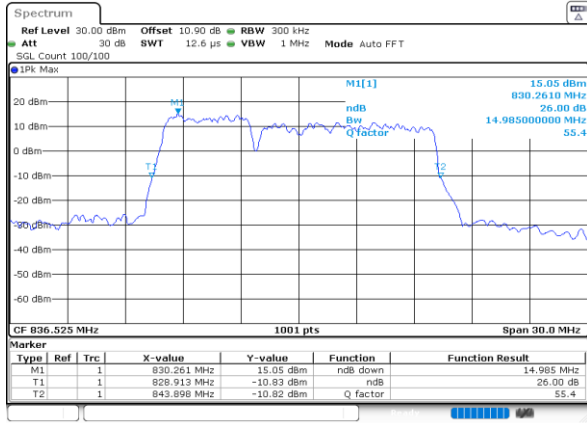
Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	14.48
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	15.05	20.06	-



LTE Band 5B

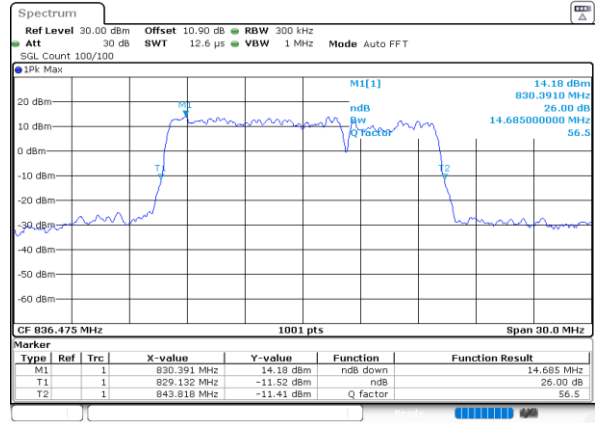
QPSK

Middle Channel / 5MHz+10MHz



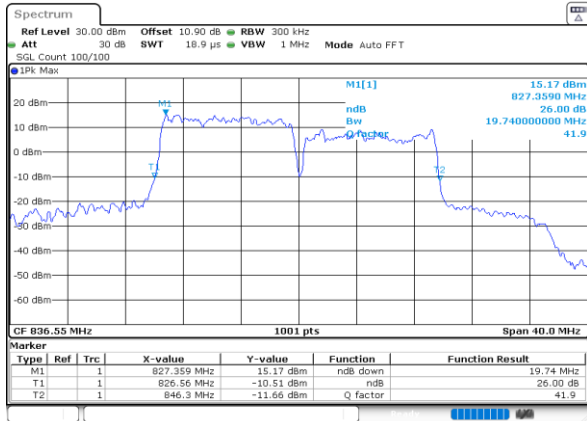
Date: 2.AUG.2023 10:03:58

Middle Channel / 10MHz+5MHz



Date: 2.AUG.2023 10:35:55

Middle Channel / 10MHz+10MHz



Date: 2.AUG.2023 11:07:10

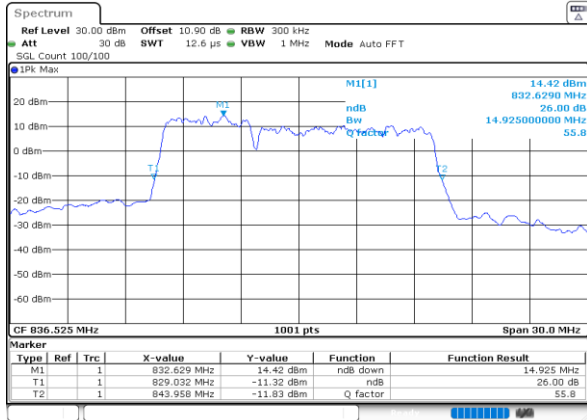
N/A



LTE Band 5B

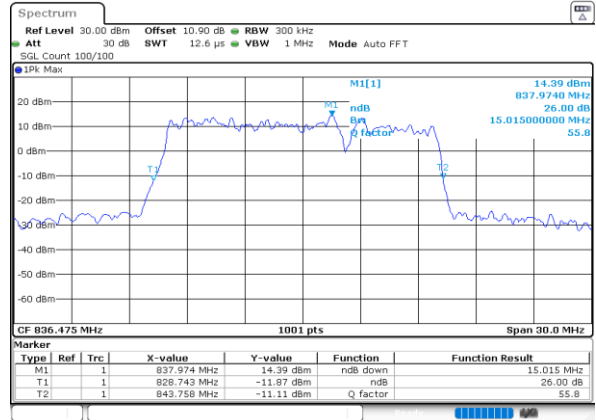
16QAM

Middle Channel / 5MHz+10MHz



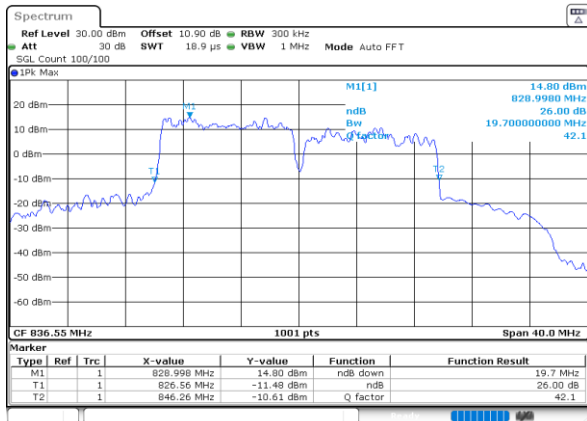
Date: 2.AUG.2023 10:03:21

Middle Channel / 10MHz+5MHz



Date: 2.AUG.2023 10:35:18

Middle Channel / 10MHz+10MHz



Date: 2.AUG.2023 11:05:43

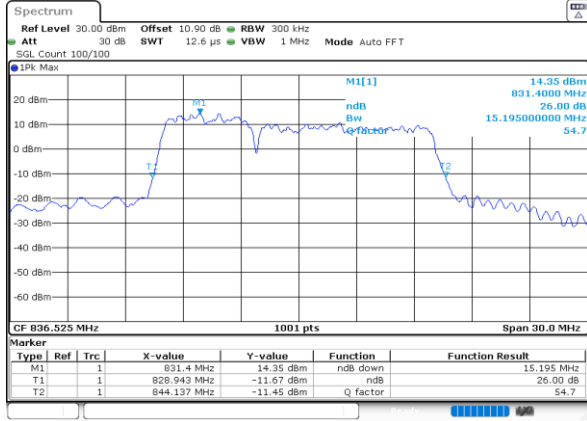
N/A



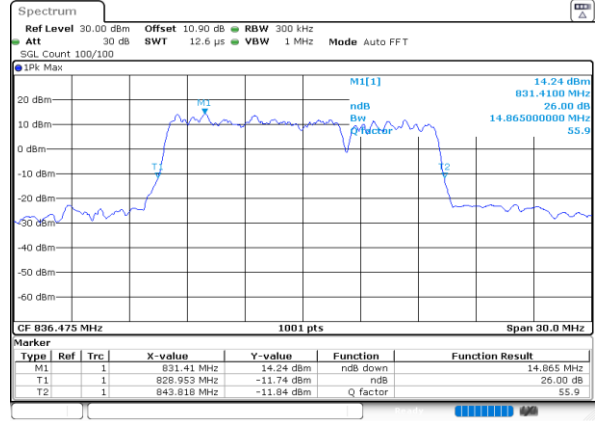
LTE Band 5B

64QAM

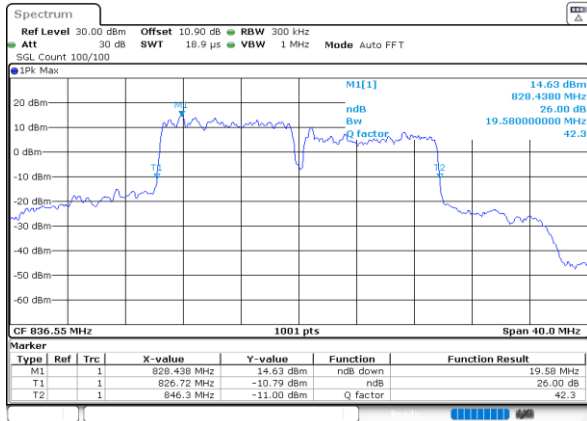
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



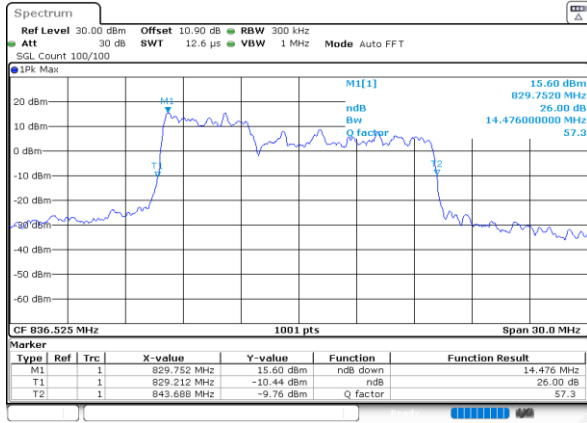
N/A



LTE Band 5B

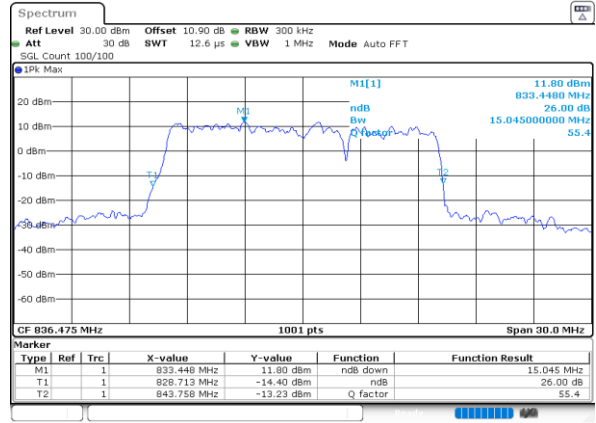
256QAM

Middle Channel / 5MHz+10MHz



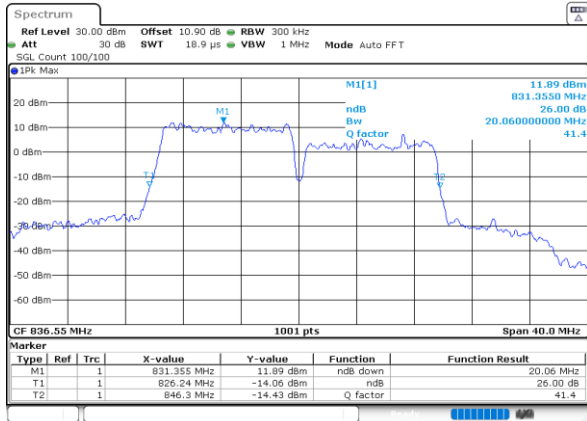
Date: 2.AUG.2023 11:17:54

Middle Channel / 10MHz+5MHz



Date: 2.AUG.2023 11:26:18

Middle Channel / 10MHz+10MHz



Date: 2.AUG.2023 11:33:59

N/A



Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	13.97
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.97	18.90	-

Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	13.97
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.74	-

Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	13.94
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.66	-

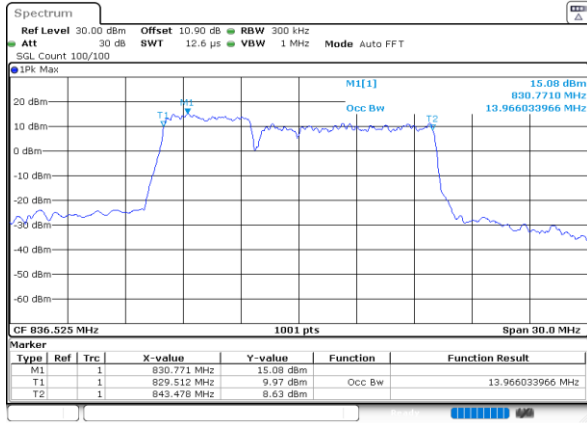
Mode	LTE Band 5B : 99%OBW(MHz)		
254QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	13.82
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.62	-



LTE Band 5B

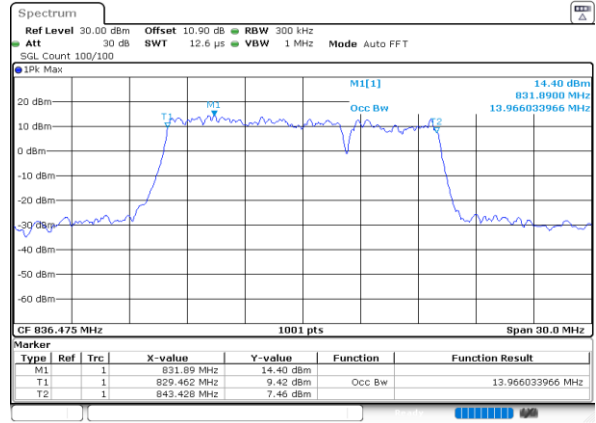
QPSK

Middle Channel / 5MHz+10MHz



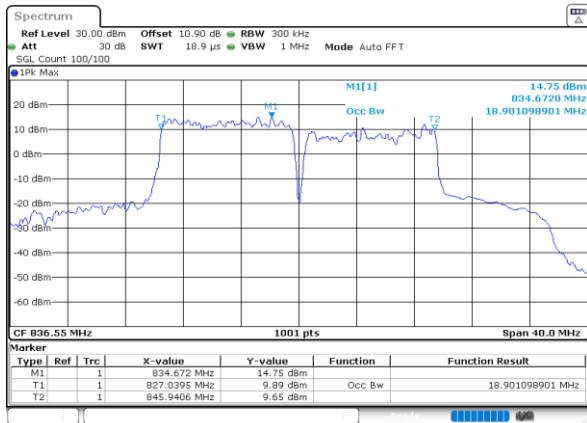
Date: 2.AUG.2023 10:00:57

Middle Channel / 10MHz+5MHz



Date: 2.AUG.2023 10:32:54

Middle Channel / 10MHz+10MHz



Date: 2.AUG.2023 11:02:44

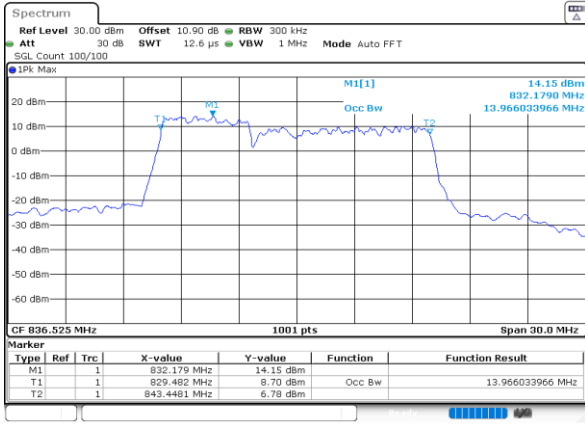
N/A



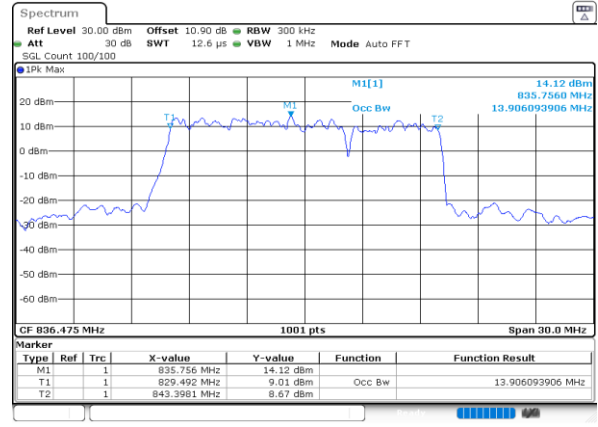
LTE Band 5B

16QAM

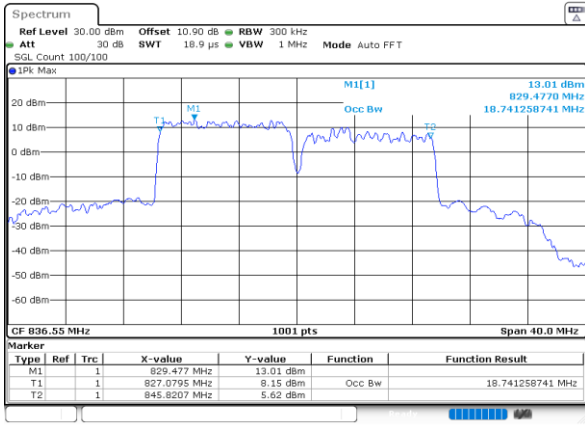
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



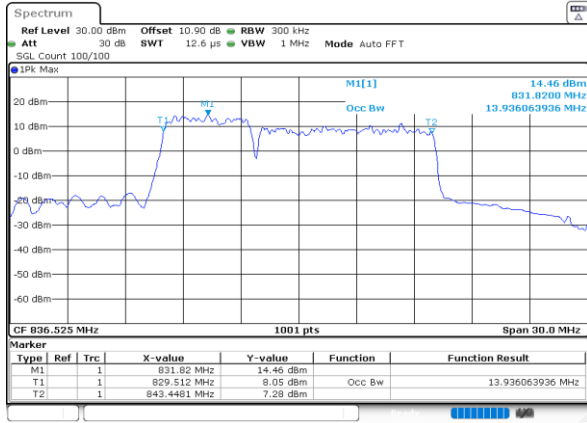
N/A



LTE Band 5B

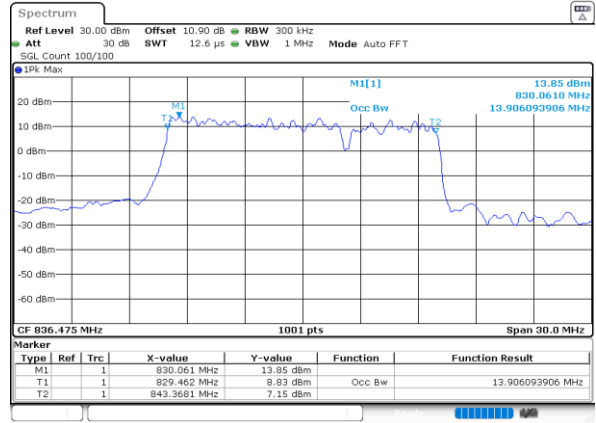
64QAM

Middle Channel / 5MHz+10MHz



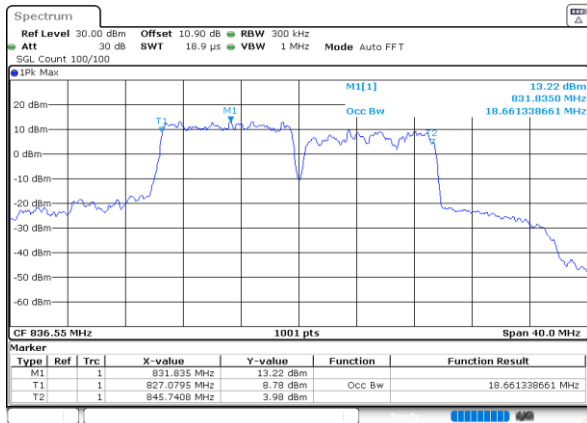
Date: 2.AUG.2023 10:02:09

Middle Channel / 10MHz+5MHz



Date: 2.AUG.2023 10:34:06

Middle Channel / 10MHz+10MHz



Date: 2.AUG.2023 11:03:46

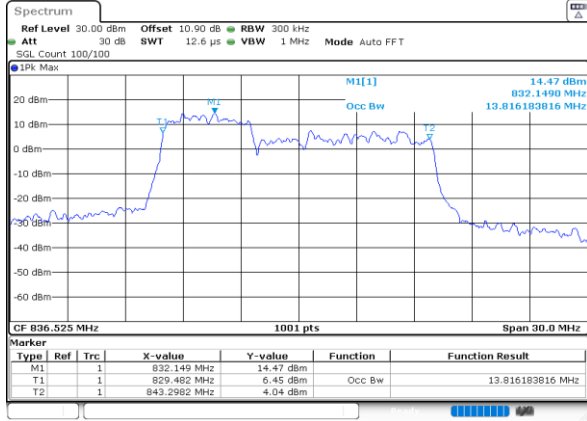
N/A



LTE Band 5B

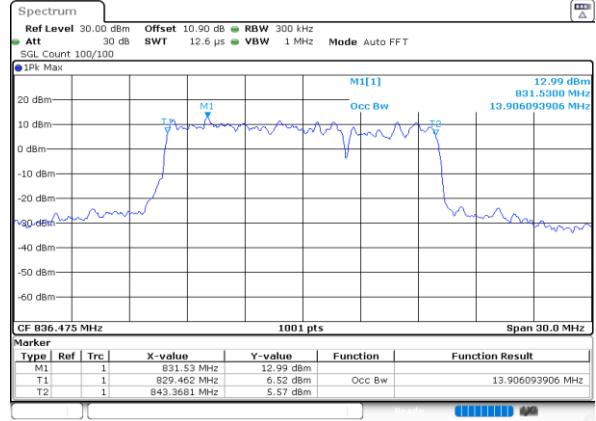
256QAM

Middle Channel / 5MHz+10MHz



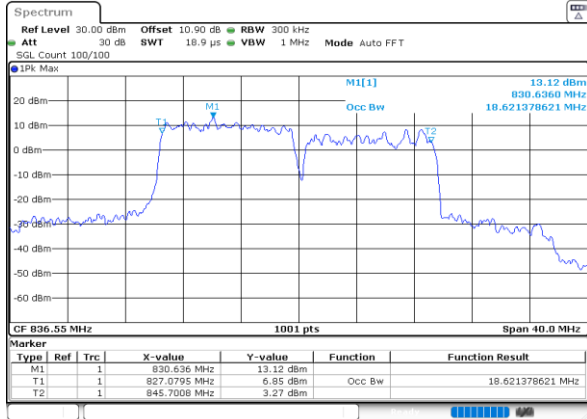
Date: 2.AUG.2023 11:17:19

Middle Channel / 10MHz+5MHz



Date: 2.AUG.2023 11:25:43

Middle Channel / 10MHz+10MHz



Date: 2.AUG.2023 11:33:28

N/A



Conducted Band Edge

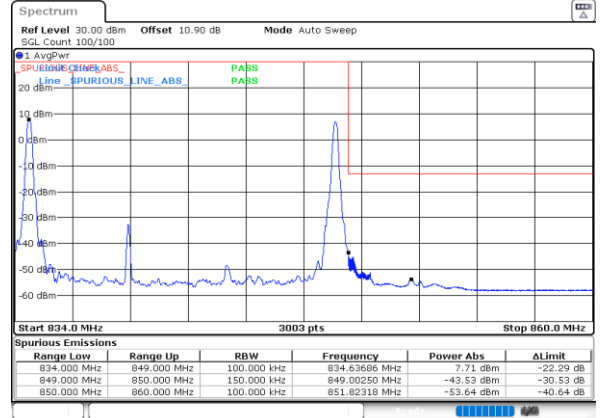
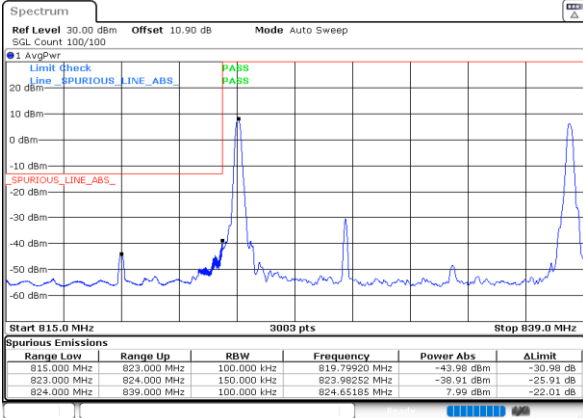


LTE Band 5B / 5MHz+10MHz

QPSK

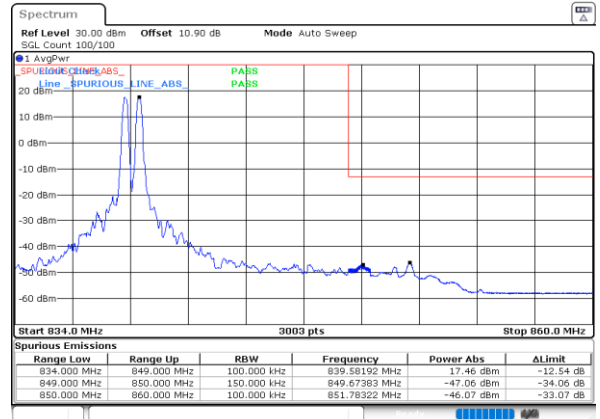
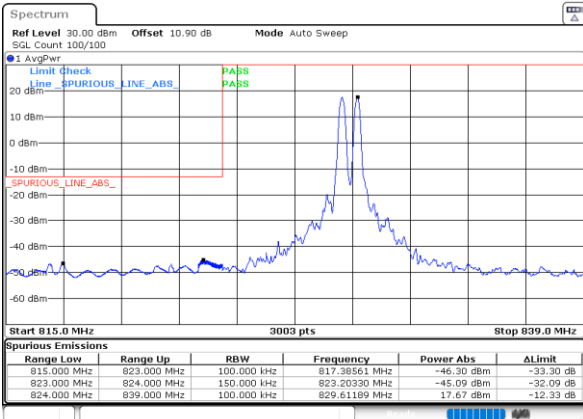
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



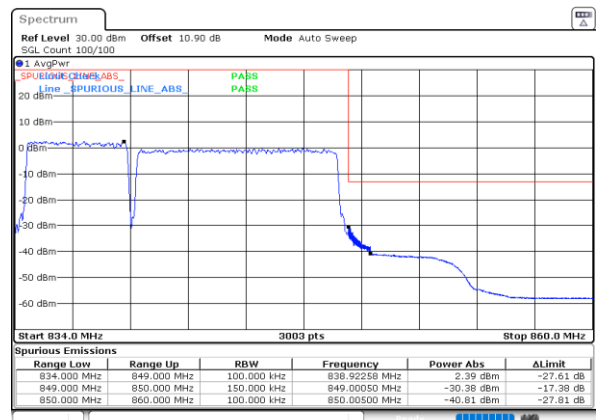
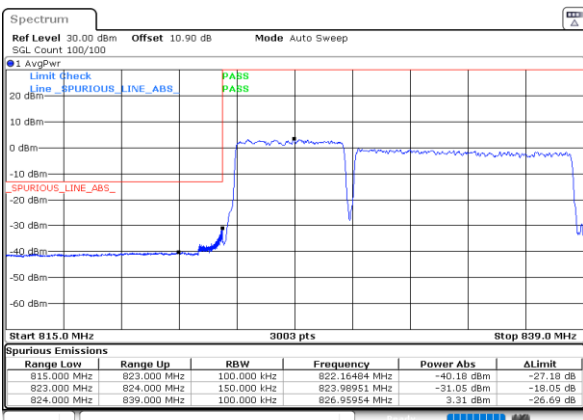
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

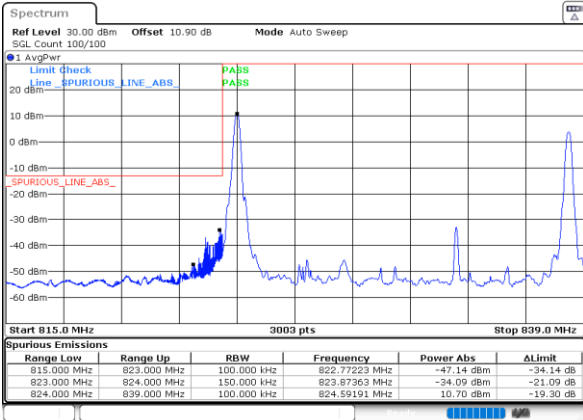




LTE Band 5B / 10MHz+5MHz

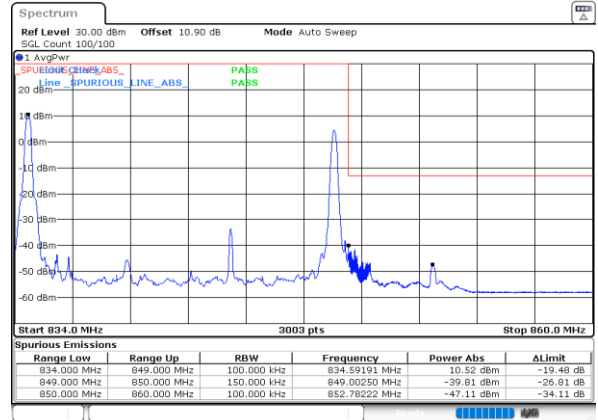
QPSK

Lowest Band Edge / 1RB0 and 1RB24



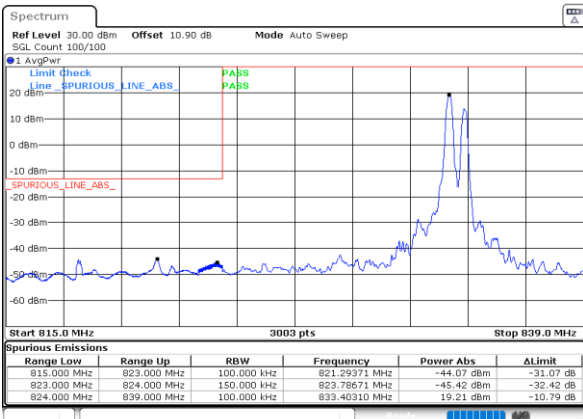
Date: 2.AUG.2023 10:26:09

Highest Band Edge / 1RB0 and 1RB24



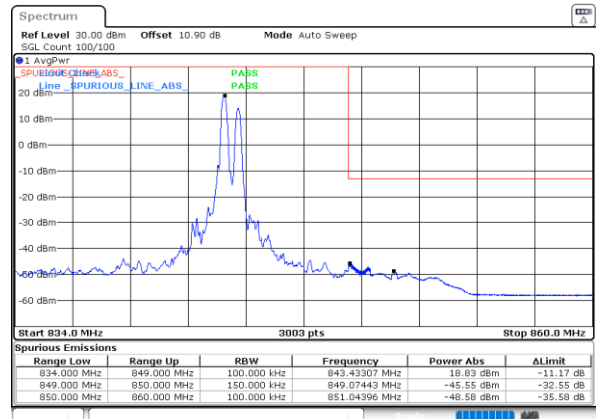
Date: 2.AUG.2023 10:11:06

Lowest Band Edge / 1RB49 and 1RB0



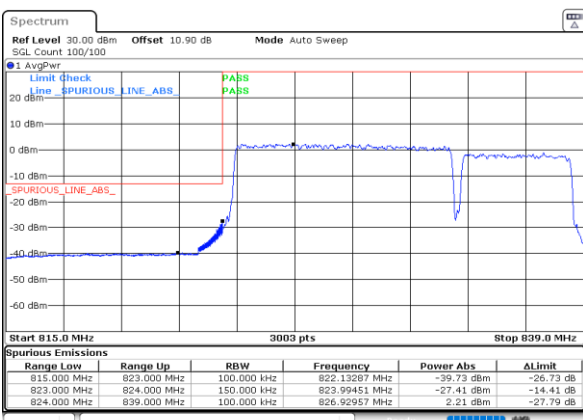
Date: 2.AUG.2023 10:27:17

Highest Band Edge / 1RB49 and 1RB0



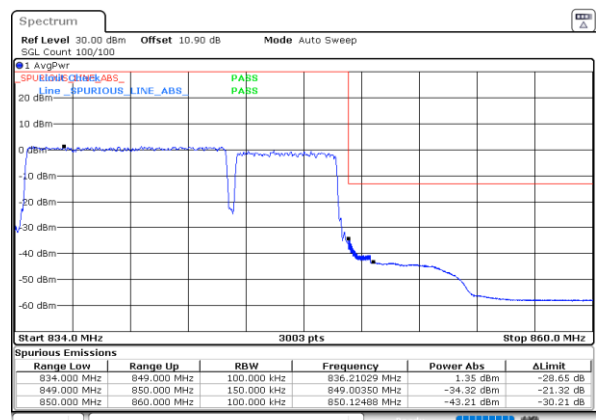
Date: 2.AUG.2023 10:16:41

Lowest Band Edge / Full RB



Date: 2.AUG.2023 10:20:31

Highest Band Edge / Full RB



Date: 2.AUG.2023 10:09:59

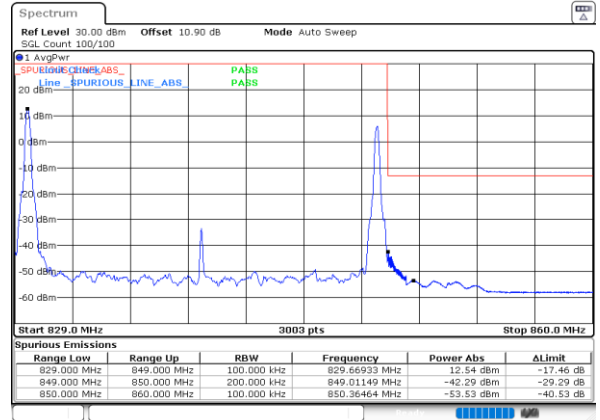
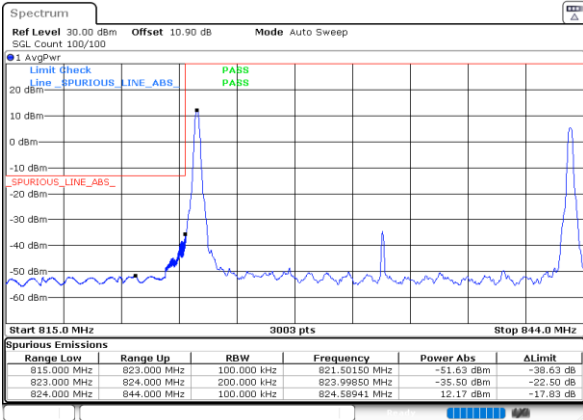


LTE Band 5B / 10MHz+10MHz

QPSK

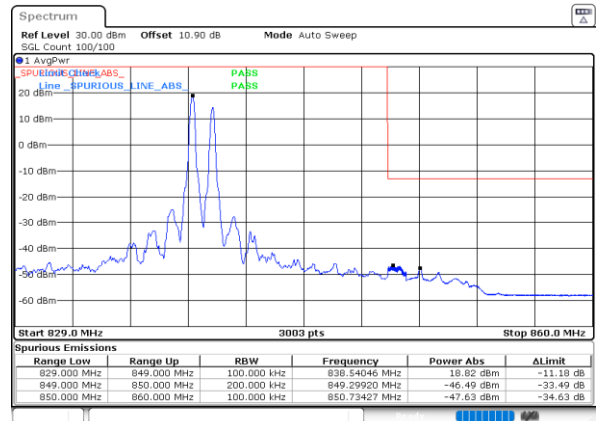
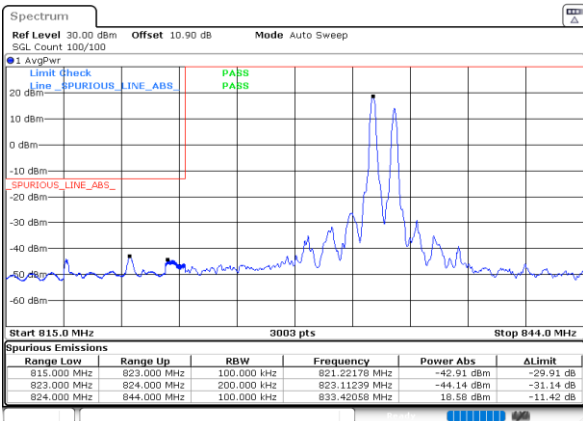
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



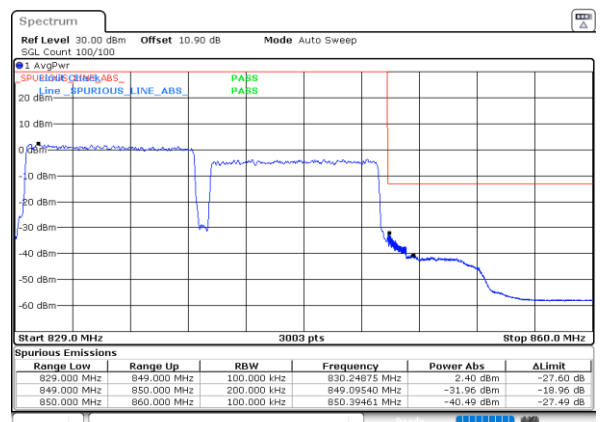
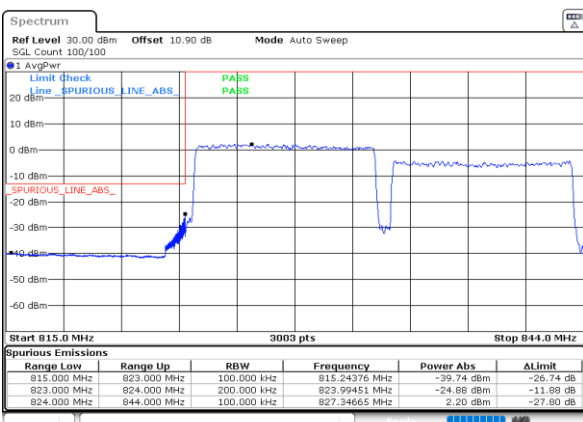
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



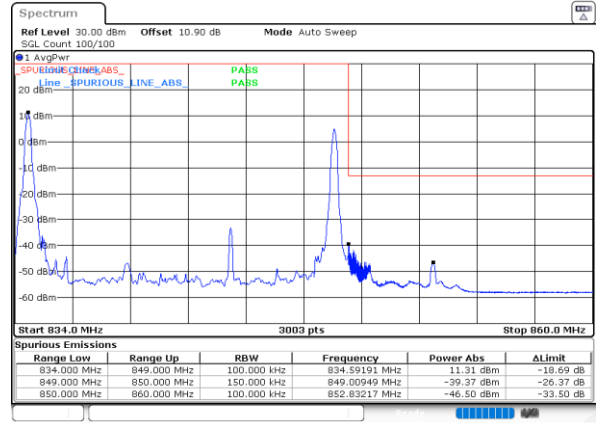
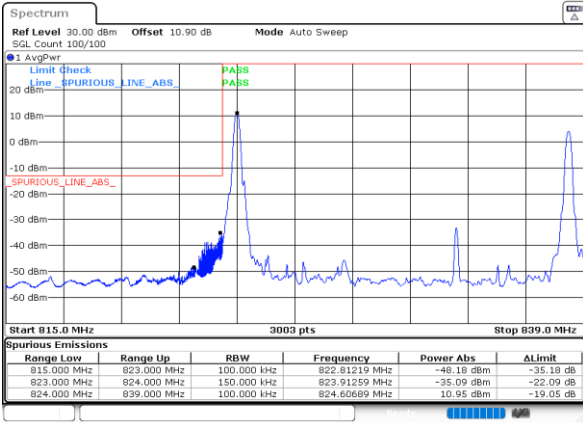


LTE Band 5B / 10MHz+5MHz

16QAM

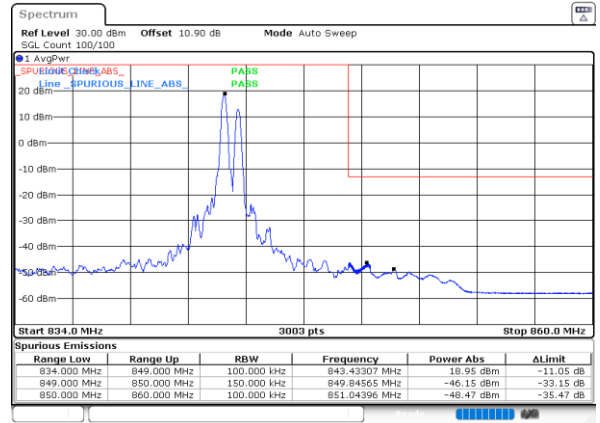
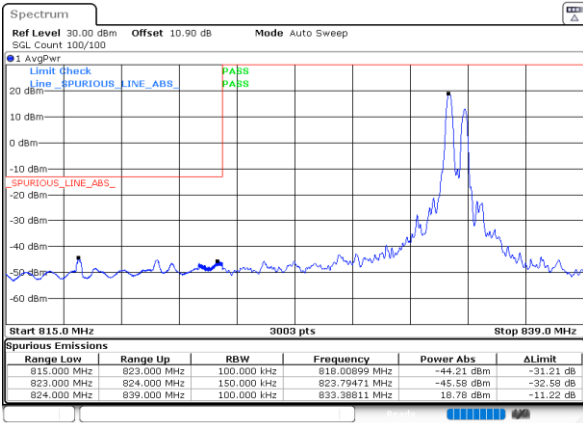
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



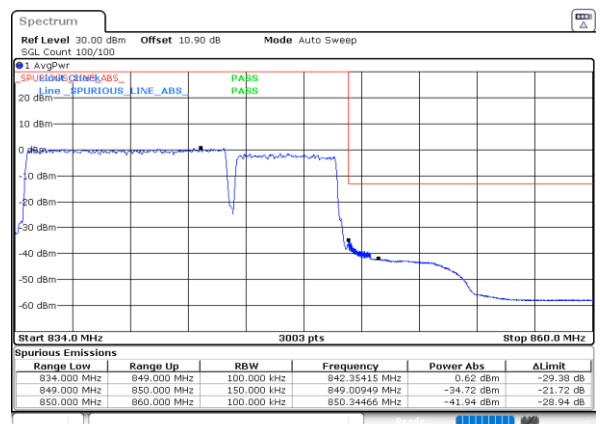
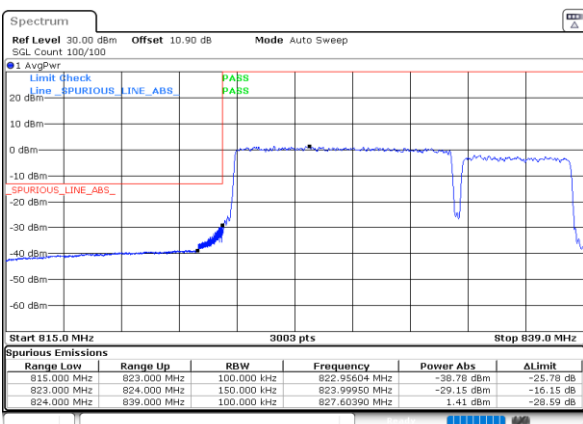
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

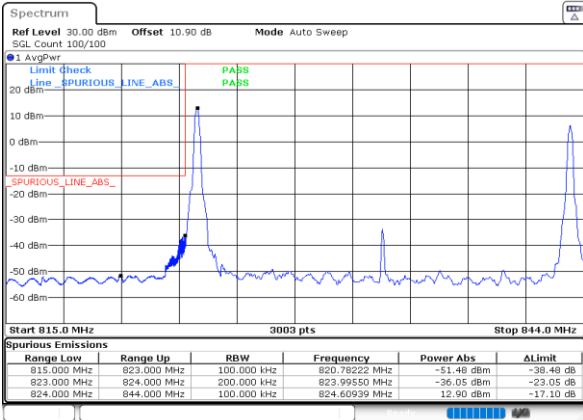




LTE Band 5B / 10MHz+10MHz

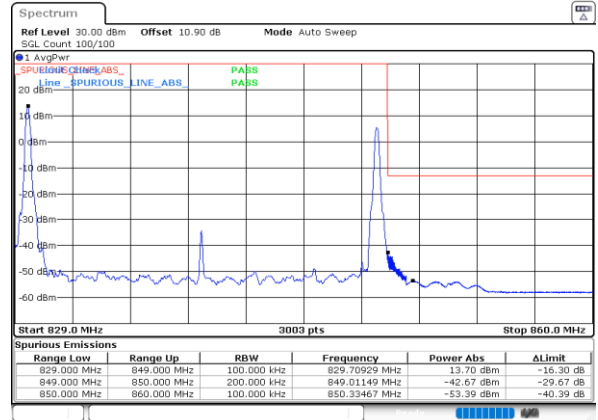
16QAM

Lowest Band Edge / 1RB0 and 1RB49



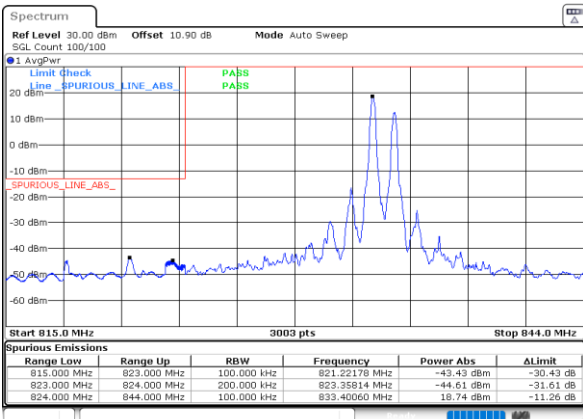
Date: 2.AUG.2023 10:55:29

Highest Band Edge / 1RB0 and 1RB49



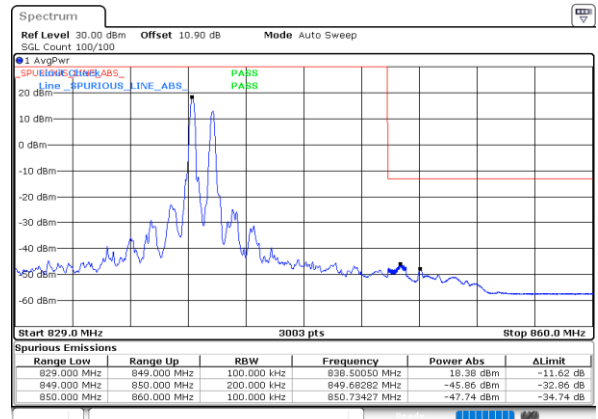
Date: 2.AUG.2023 10:43:37

Lowest Band Edge / 1RB49 and 1RB0



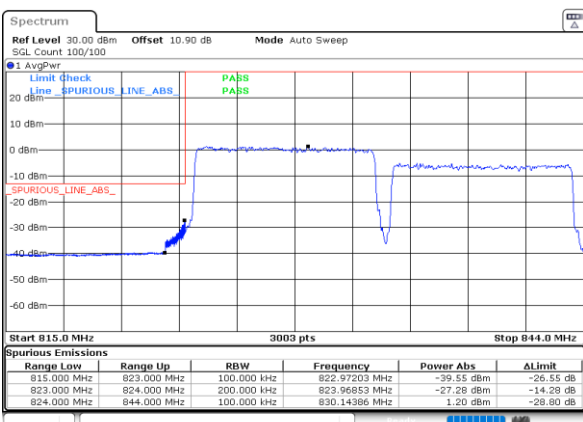
Date: 2.AUG.2023 10:58:35

Highest Band Edge / 1RB49 and 1RB0



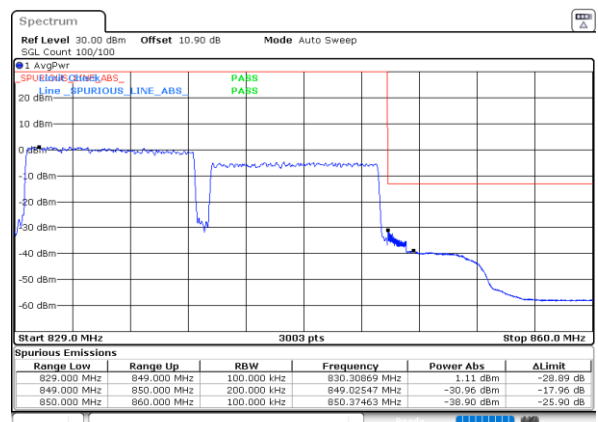
Date: 2.AUG.2023 20:40:42

Lowest Band Edge / Full RB



Date: 2.AUG.2023 10:52:22

Highest Band Edge / Full RB



Date: 2.AUG.2023 10:40:32

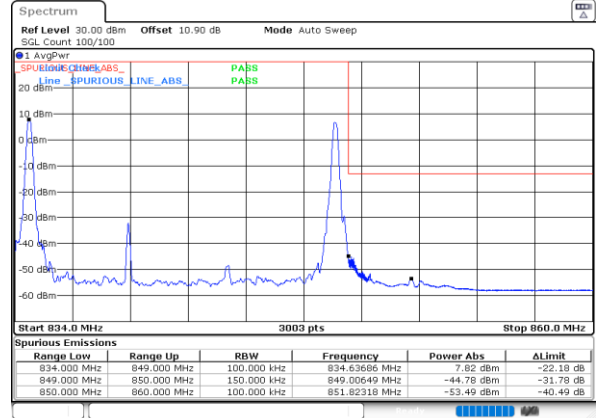
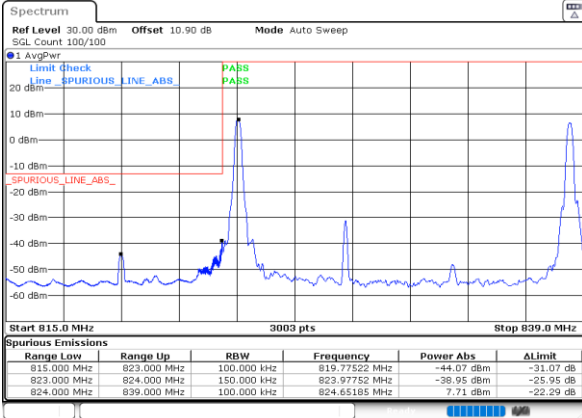


LTE Band 5B / 5MHz+10MHz

64QAM

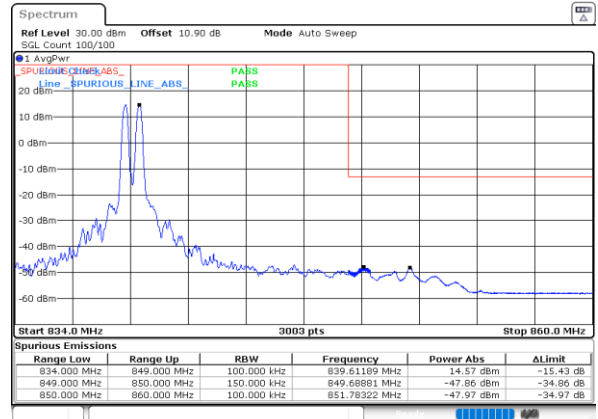
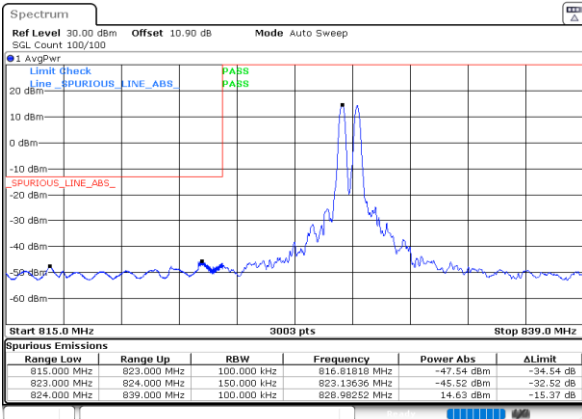
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



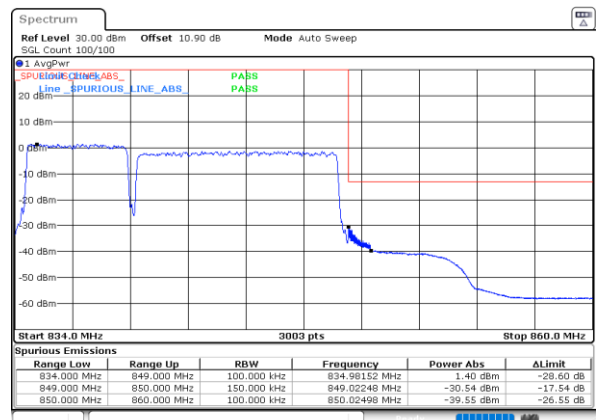
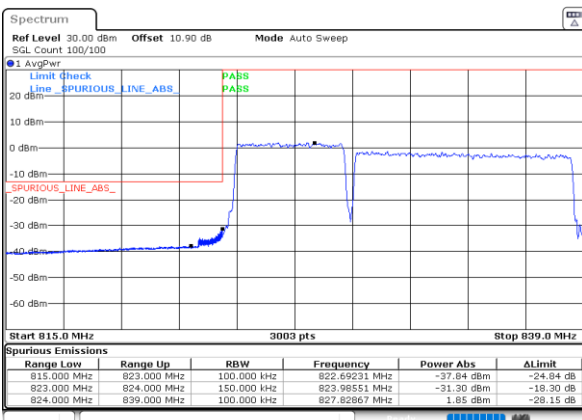
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



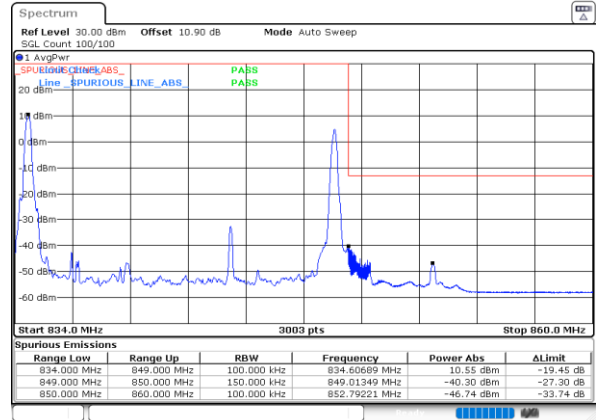
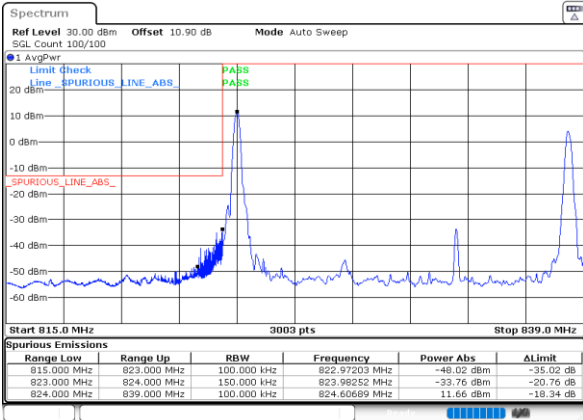


LTE Band 5B / 10MHz+5MHz

64QAM

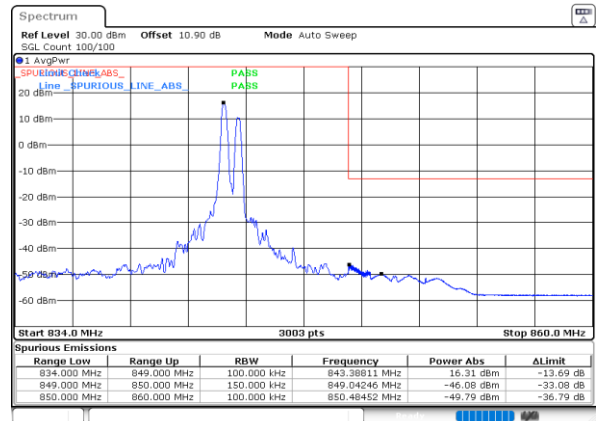
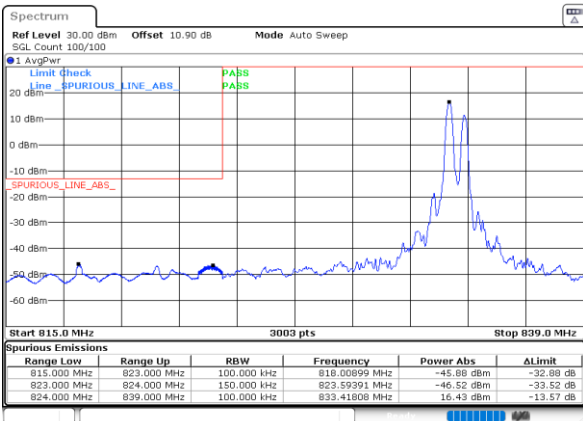
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



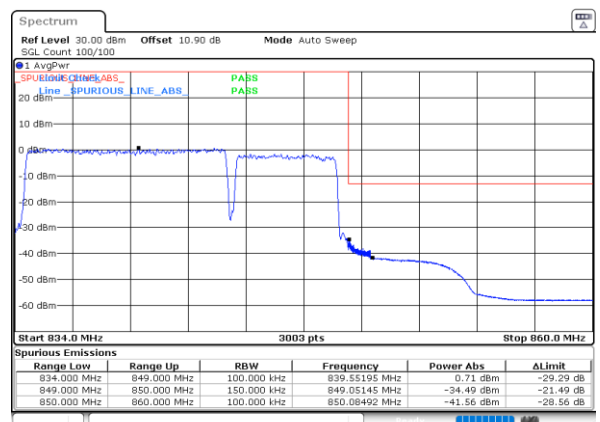
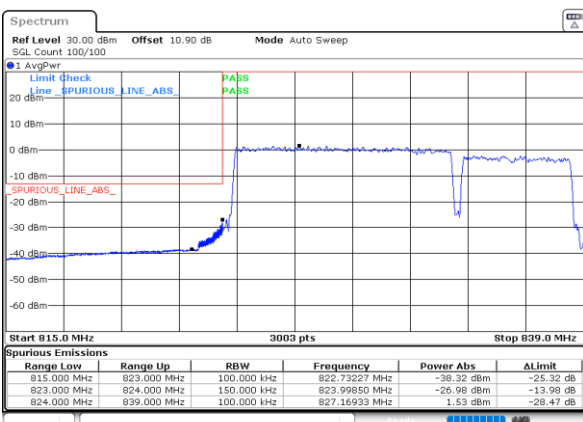
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

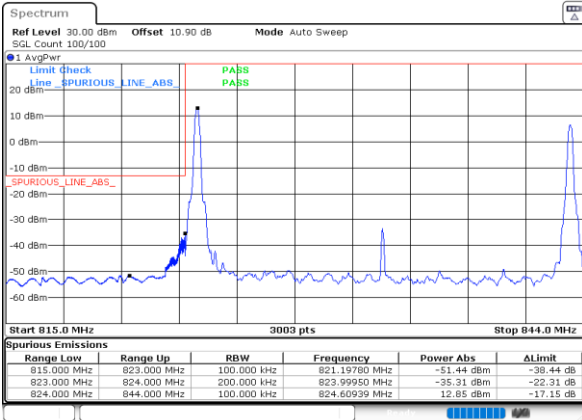




LTE Band 5B / 10MHz+10MHz

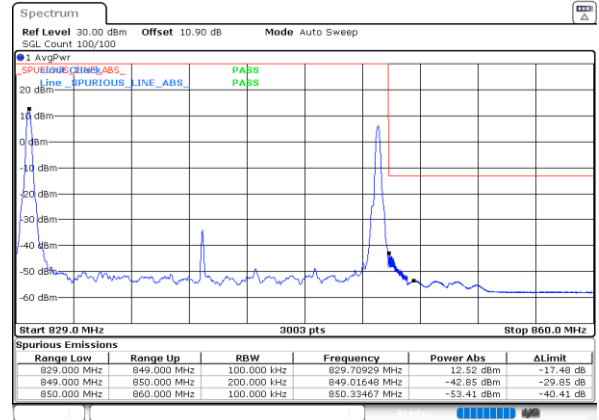
64QAM

Lowest Band Edge / 1RB0 and 1RB49



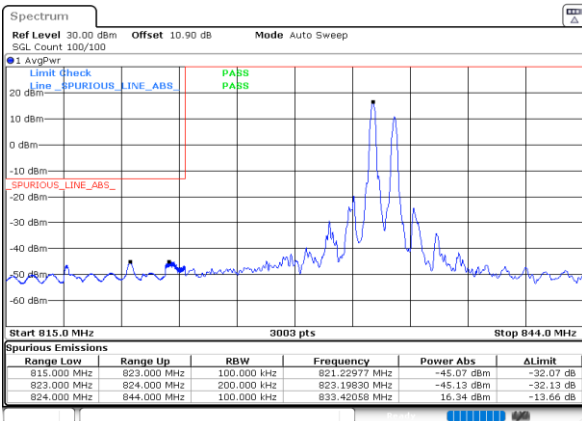
Date: 2.AUG.2023 10:54:27

Highest Band Edge / 1RB0 and 1RB49



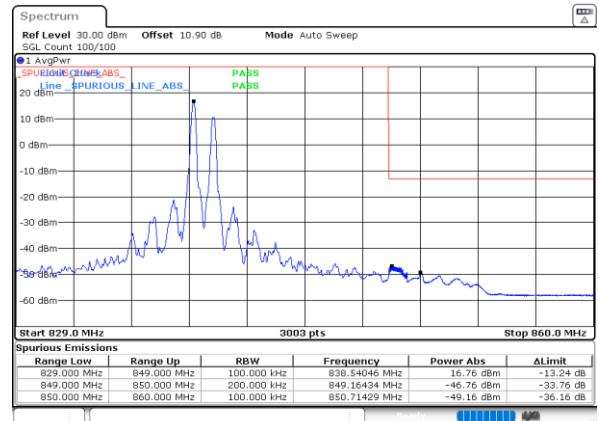
Date: 2.AUG.2023 10:44:39

Lowest Band Edge / 1RB49 and 1RB0



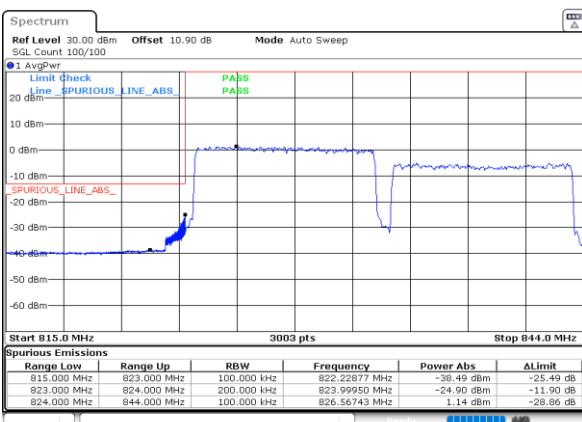
Date: 2.AUG.2023 10:59:38

Highest Band Edge / 1RB49 and 1RB0



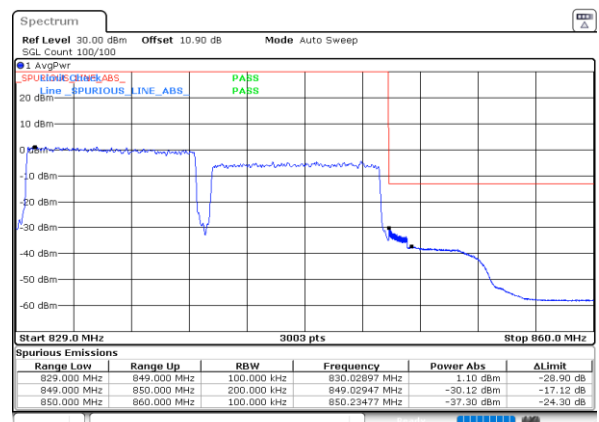
Date: 2.AUG.2023 10:45:41

Lowest Band Edge / Full RB



Date: 2.AUG.2023 10:53:24

Highest Band Edge / Full RB



Date: 2.AUG.2023 10:39:30

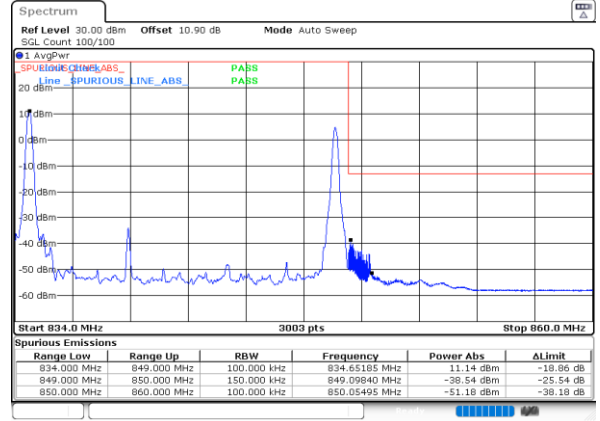
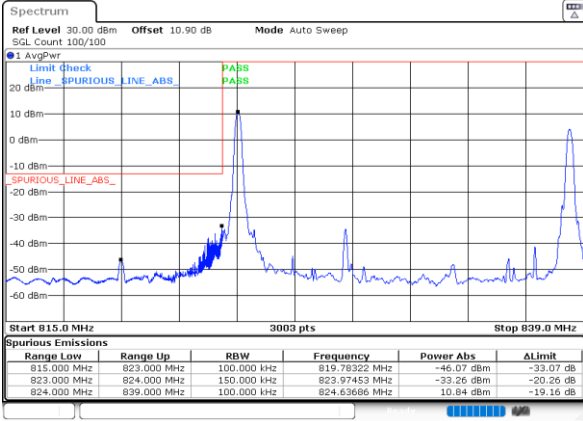


LTE Band 5B / 5MHz+10MHz

256QAM

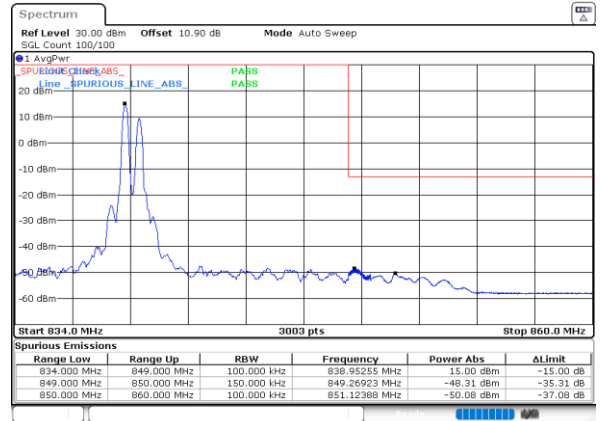
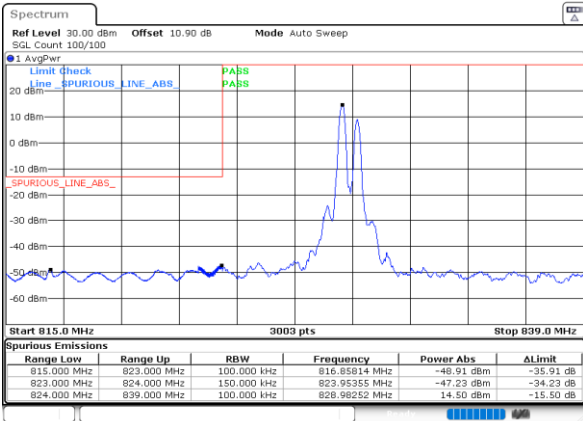
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



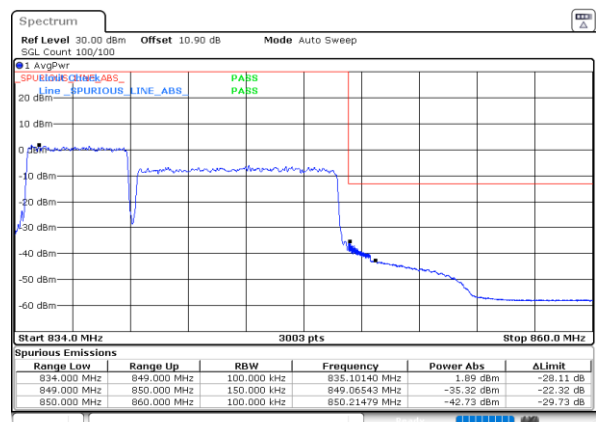
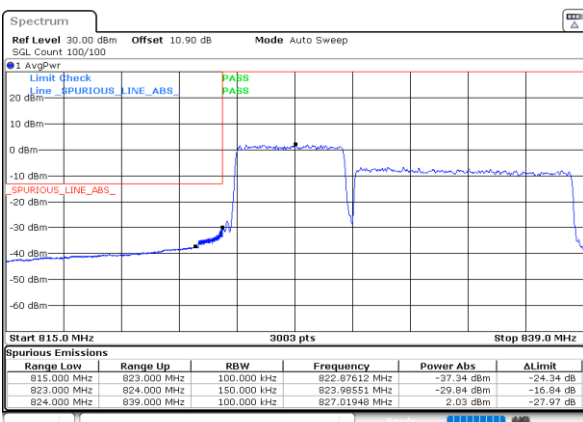
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

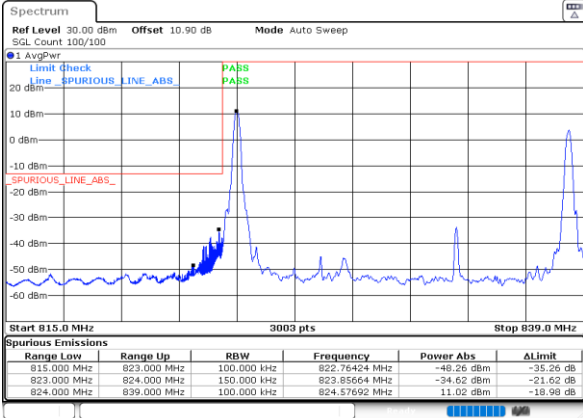




LTE Band 5B / 10MHz+5MHz

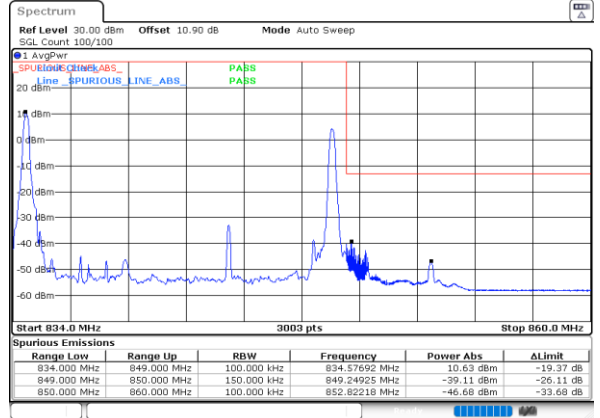
256QAM

Lowest Band Edge / 1RB0 and 1RB24



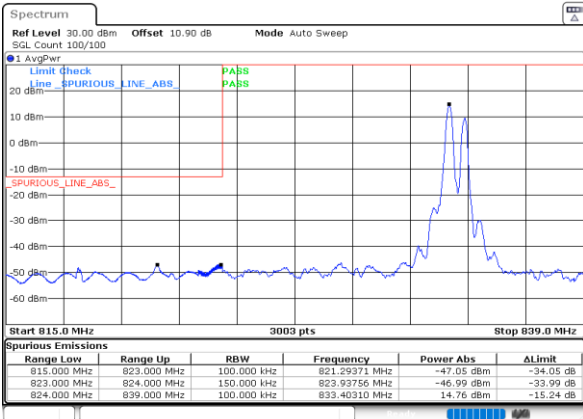
Date: 2.AUG.2023 11:23:48

Highest Band Edge / 1RB0 and 1RB24



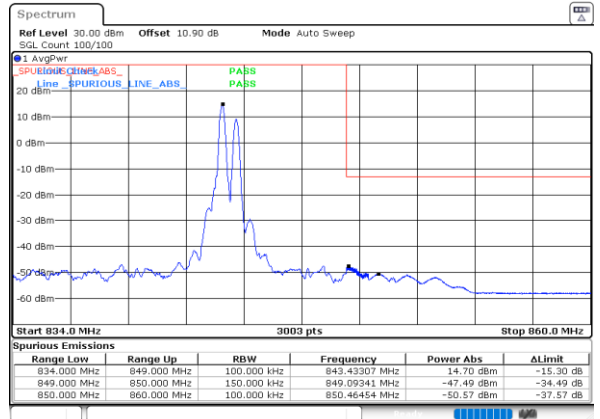
Date: 2.AUG.2023 11:20:17

Lowest Band Edge / 1RB49 and 1RB0



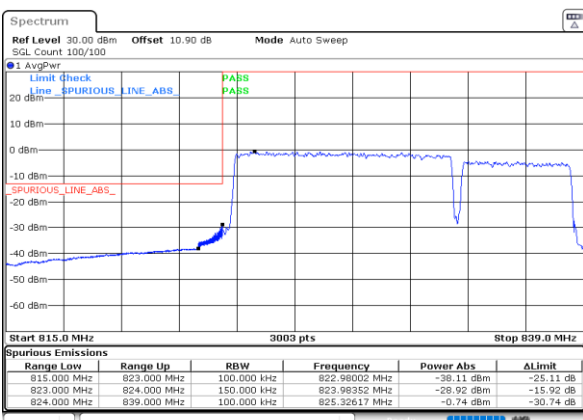
Date: 2.AUG.2023 11:24:56

Highest Band Edge / 1RB49 and 1RB0



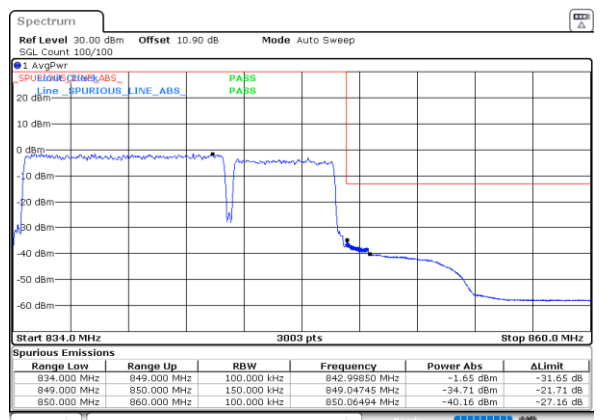
Date: 2.AUG.2023 11:21:24

Lowest Band Edge / Full RB



Date: 2.AUG.2023 11:22:40

Highest Band Edge / Full RB



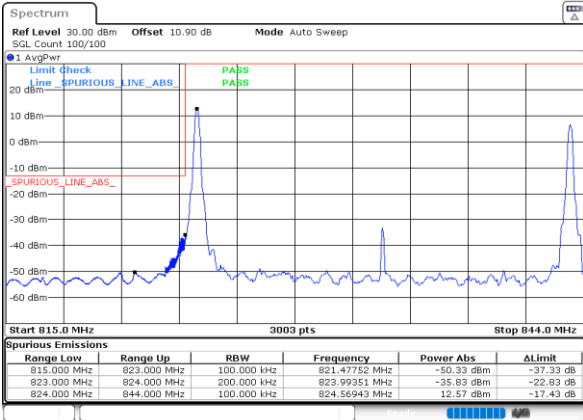
Date: 2.AUG.2023 11:19:09



LTE Band 5B / 10MHz+10MHz

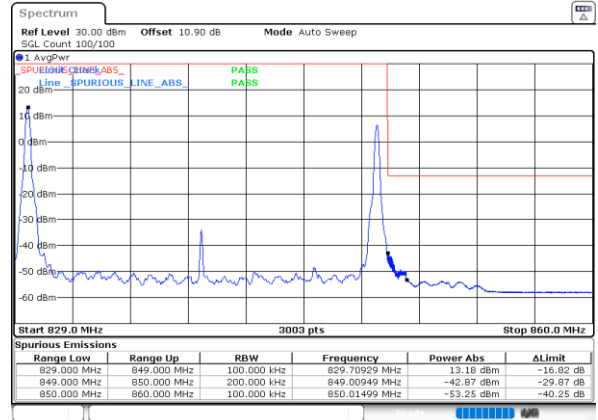
256QAM

Lowest Band Edge / 1RB0 and 1RB49



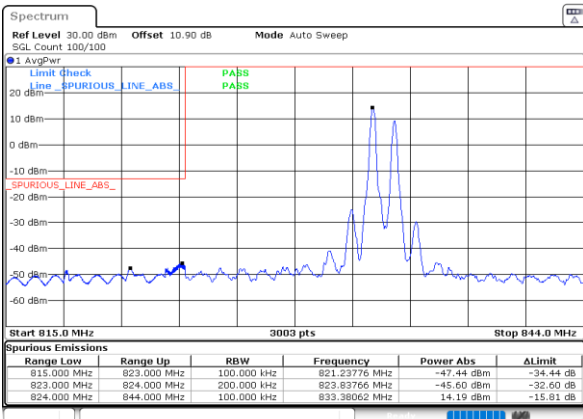
Date: 2.AUG.2023 11:31:45

Highest Band Edge / 1RB0 and 1RB49



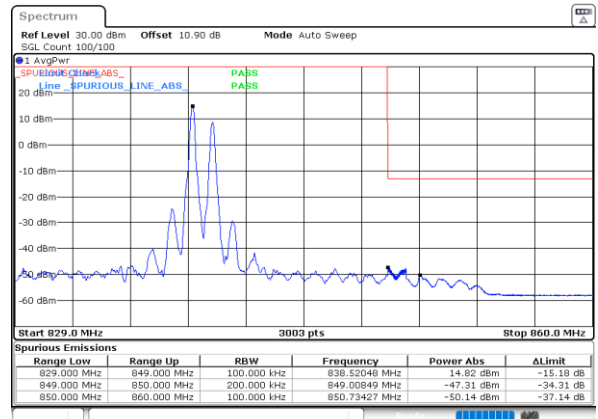
Date: 2.AUG.2023 11:28:30

Lowest Band Edge / 1RB49 and 1RB0



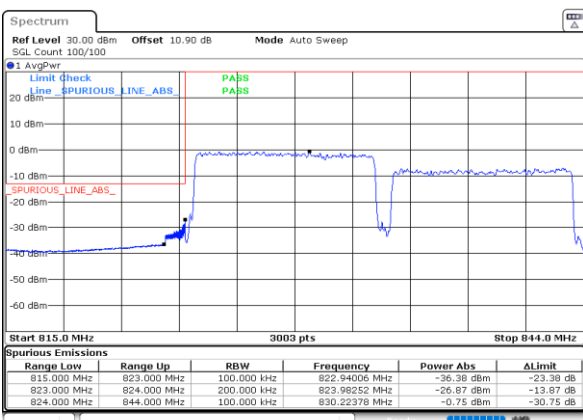
Date: 2.AUG.2023 11:32:47

Highest Band Edge / 1RB49 and 1RB0



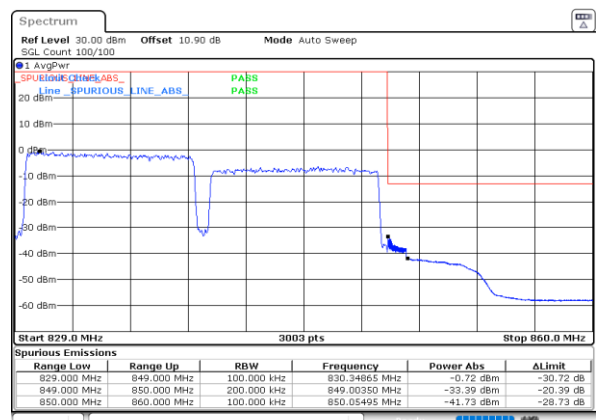
Date: 2.AUG.2023 11:29:31

Lowest Band Edge / Full RB



Date: 2.AUG.2023 11:30:42

Highest Band Edge / Full RB



Date: 2.AUG.2023 11:27:27