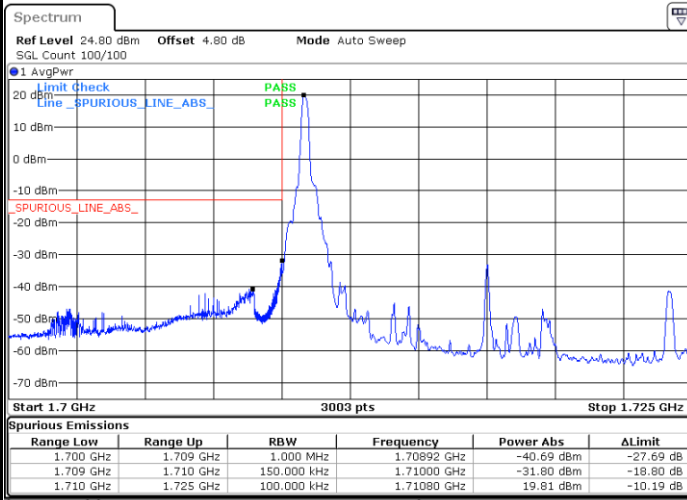




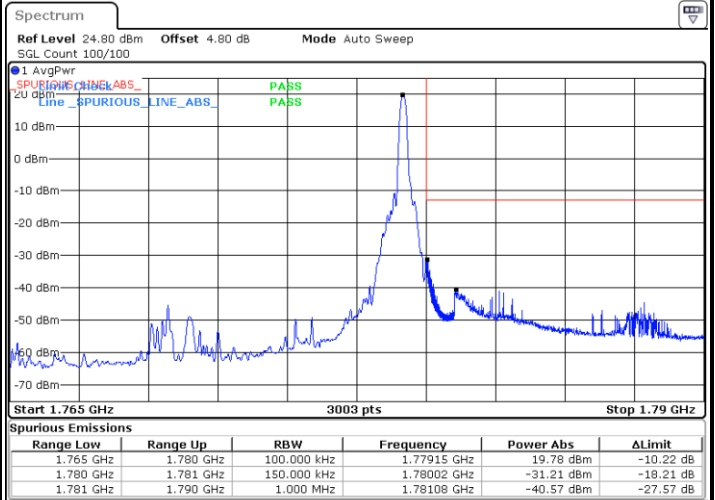
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



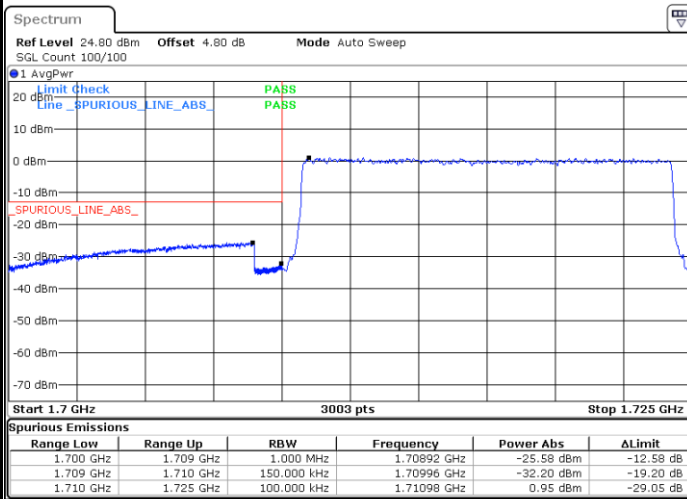
Date: 23 MAY 2022 22:50:30

Highest Band Edge / 1 RB



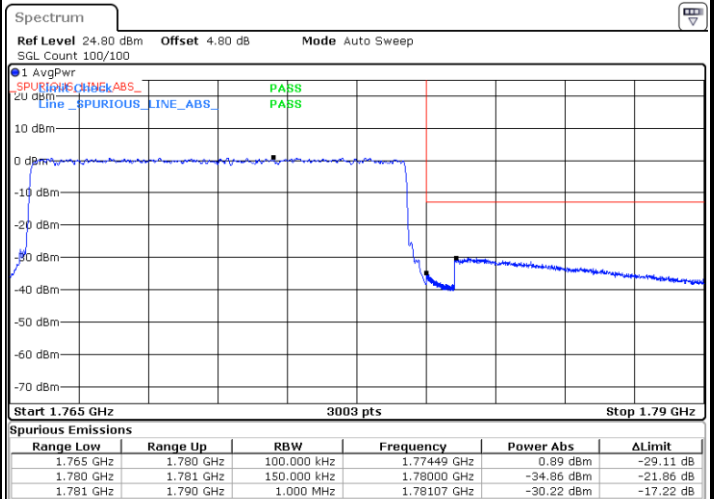
Date: 23 MAY 2022 22:57:08

Lowest Band Edge / Full RB



Date: 23 MAY 2022 22:52:30

Highest Band Edge / Full RB

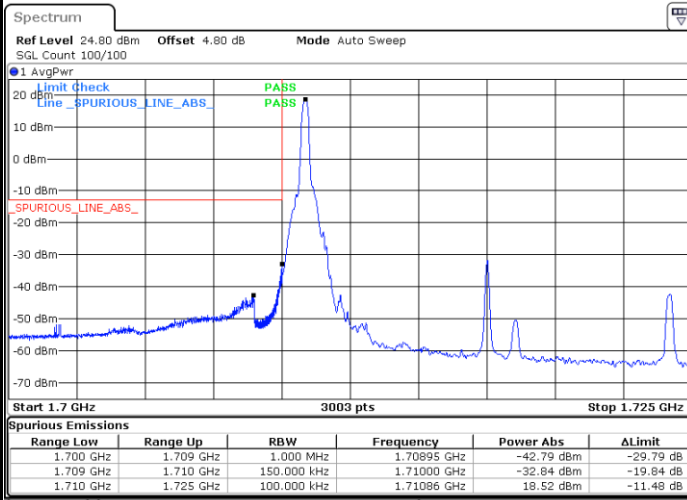


Date: 23 MAY 2022 22:58:08



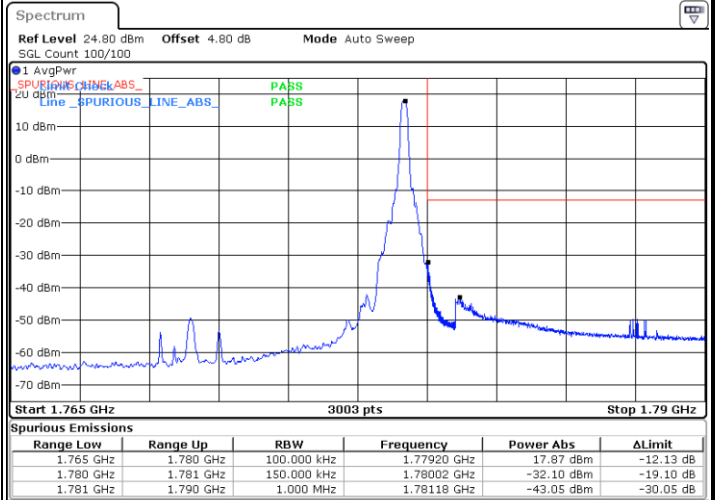
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



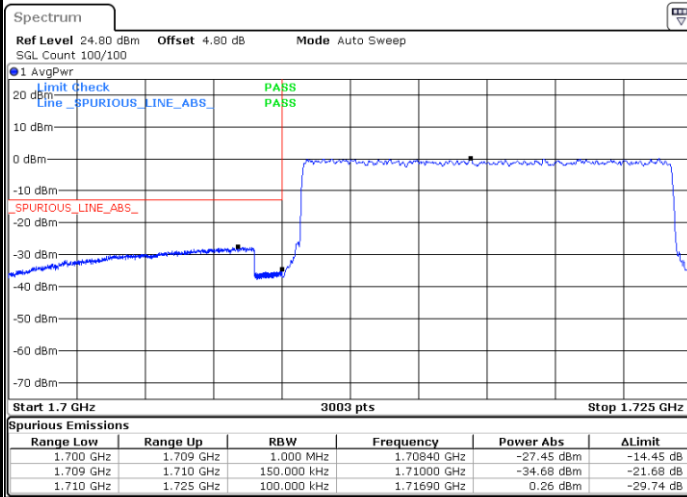
Date: 23 MAY 2022 22:51:10

Highest Band Edge / 1 RB



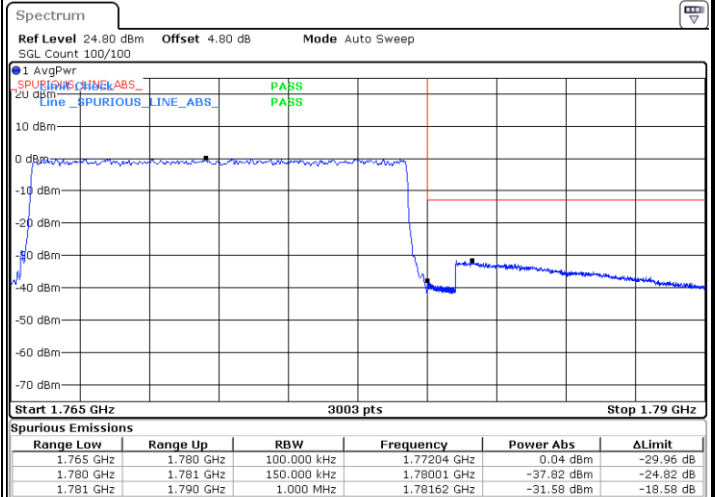
Date: 23 MAY 2022 22:57:48

Lowest Band Edge / Full RB



Date: 23 MAY 2022 22:51:50

Highest Band Edge / Full RB

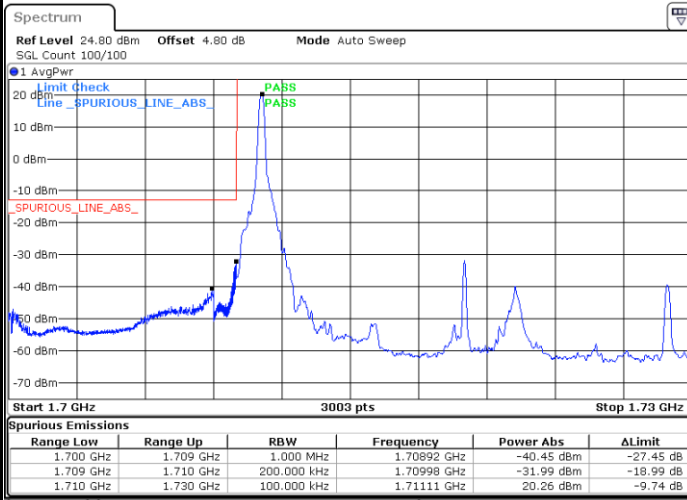


Date: 23 MAY 2022 22:58:28



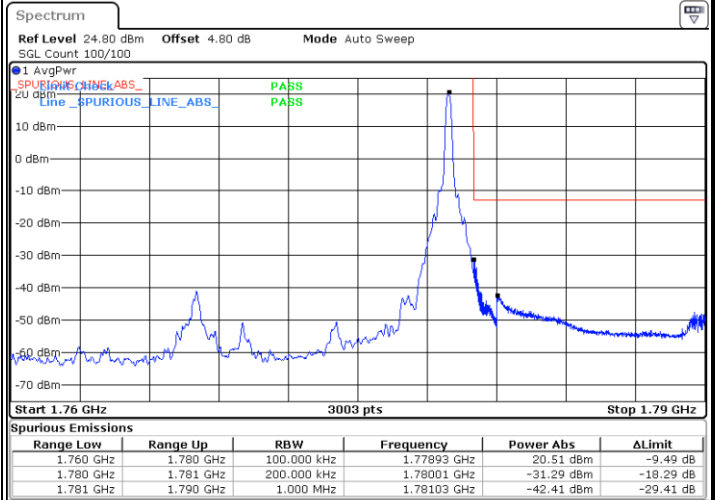
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



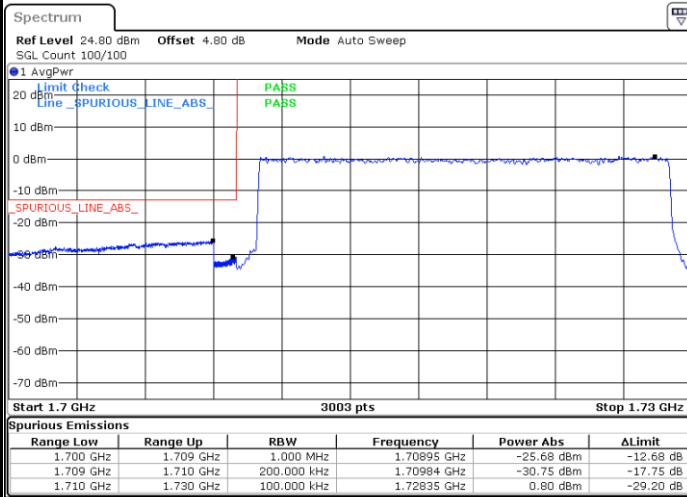
Date: 23 MAY 2022 23:01:53

Highest Band Edge / 1 RB



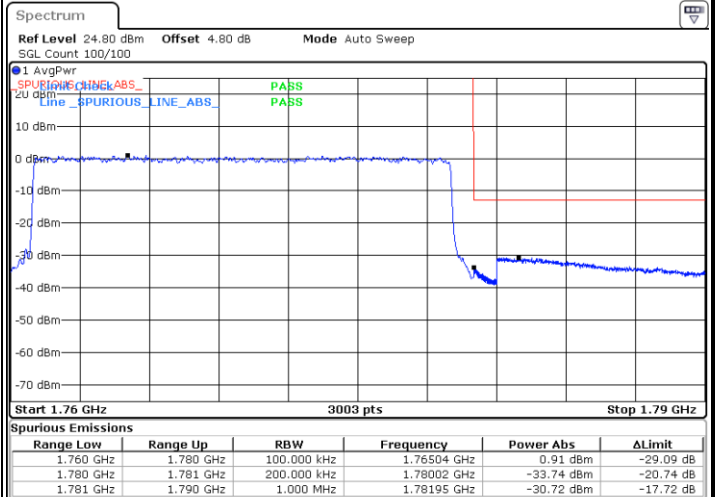
Date: 23 MAY 2022 23:08:34

Lowest Band Edge / Full RB



Date: 23 MAY 2022 23:05:11

Highest Band Edge / Full RB

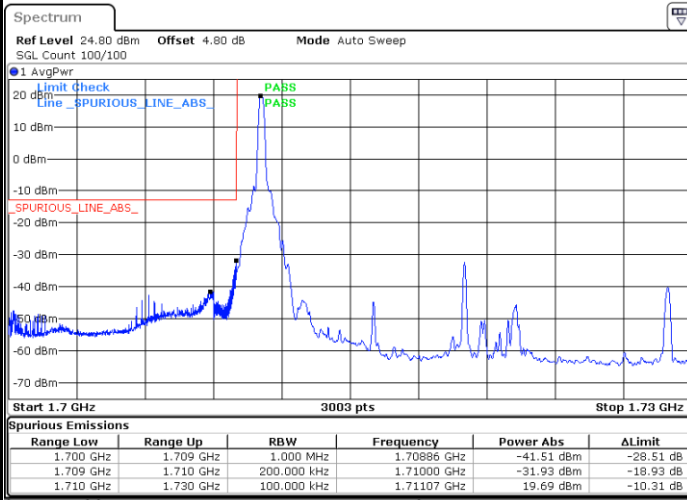


Date: 23 MAY 2022 23:11:53



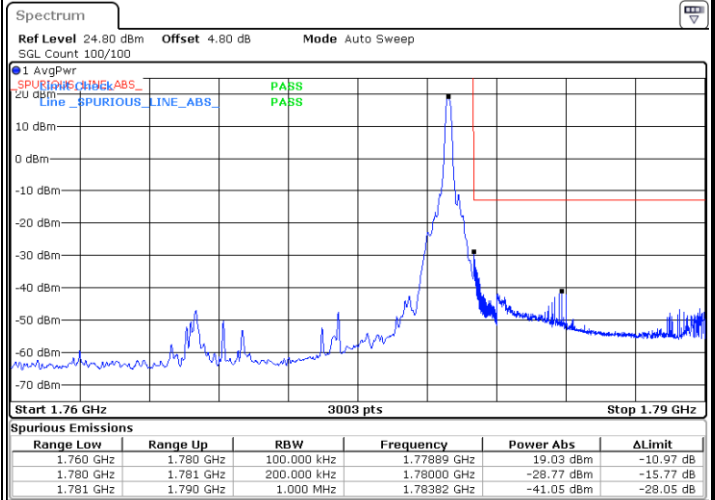
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



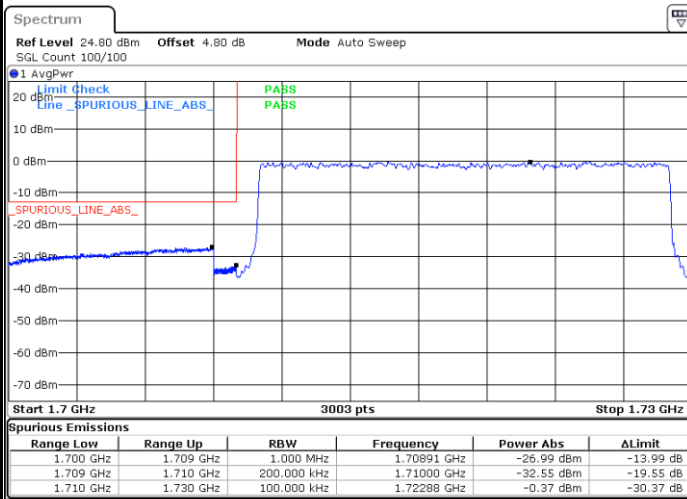
Date: 23 MAY 2022 23:02:32

Highest Band Edge / 1 RB



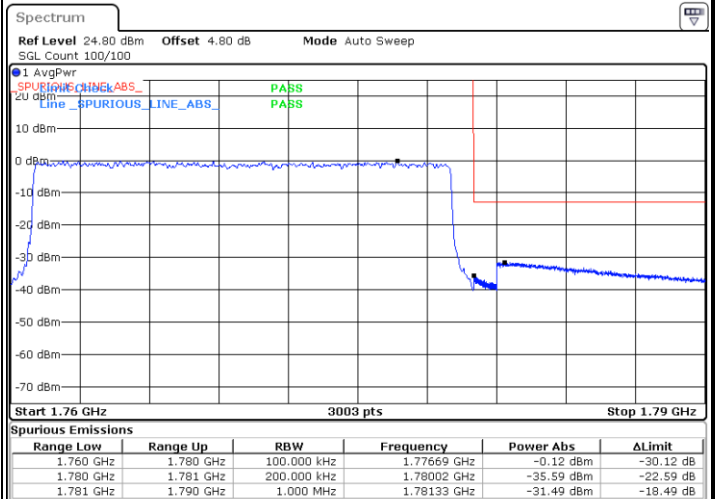
Date: 23 MAY 2022 23:09:14

Lowest Band Edge / Full RB



Date: 23 MAY 2022 23:04:32

Highest Band Edge / Full RB

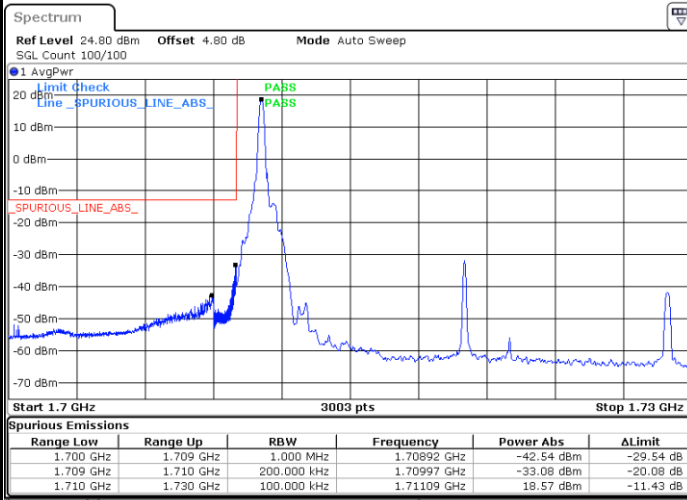


Date: 23 MAY 2022 23:11:13



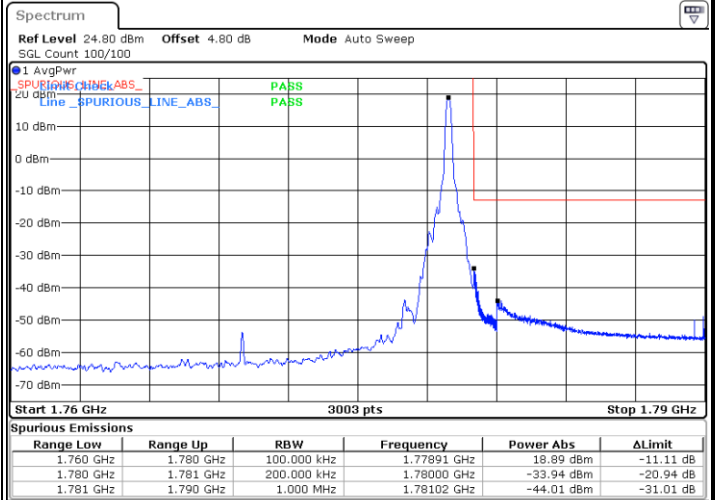
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



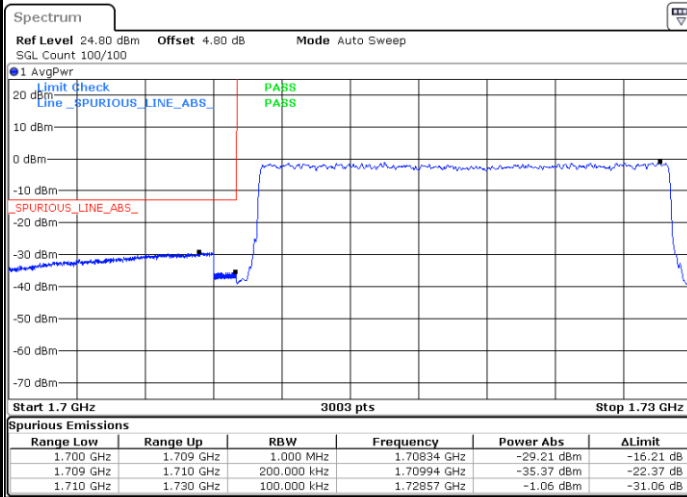
Date: 23 MAY 2022 23:03:12

Highest Band Edge / 1 RB



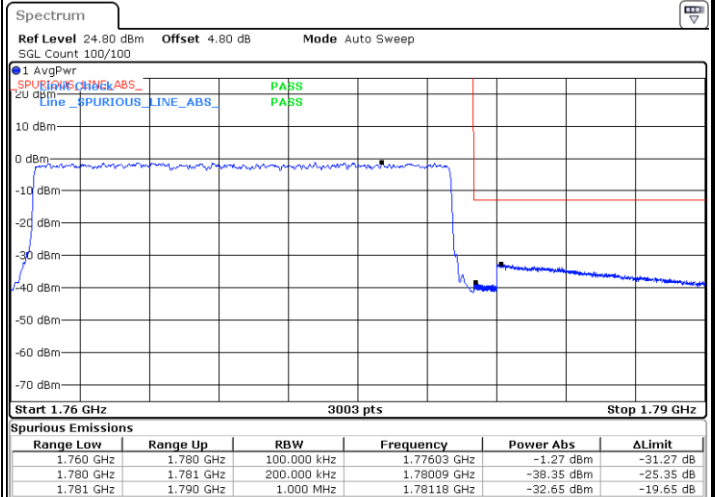
Date: 23 MAY 2022 23:09:54

Lowest Band Edge / Full RB



Date: 23 MAY 2022 23:03:52

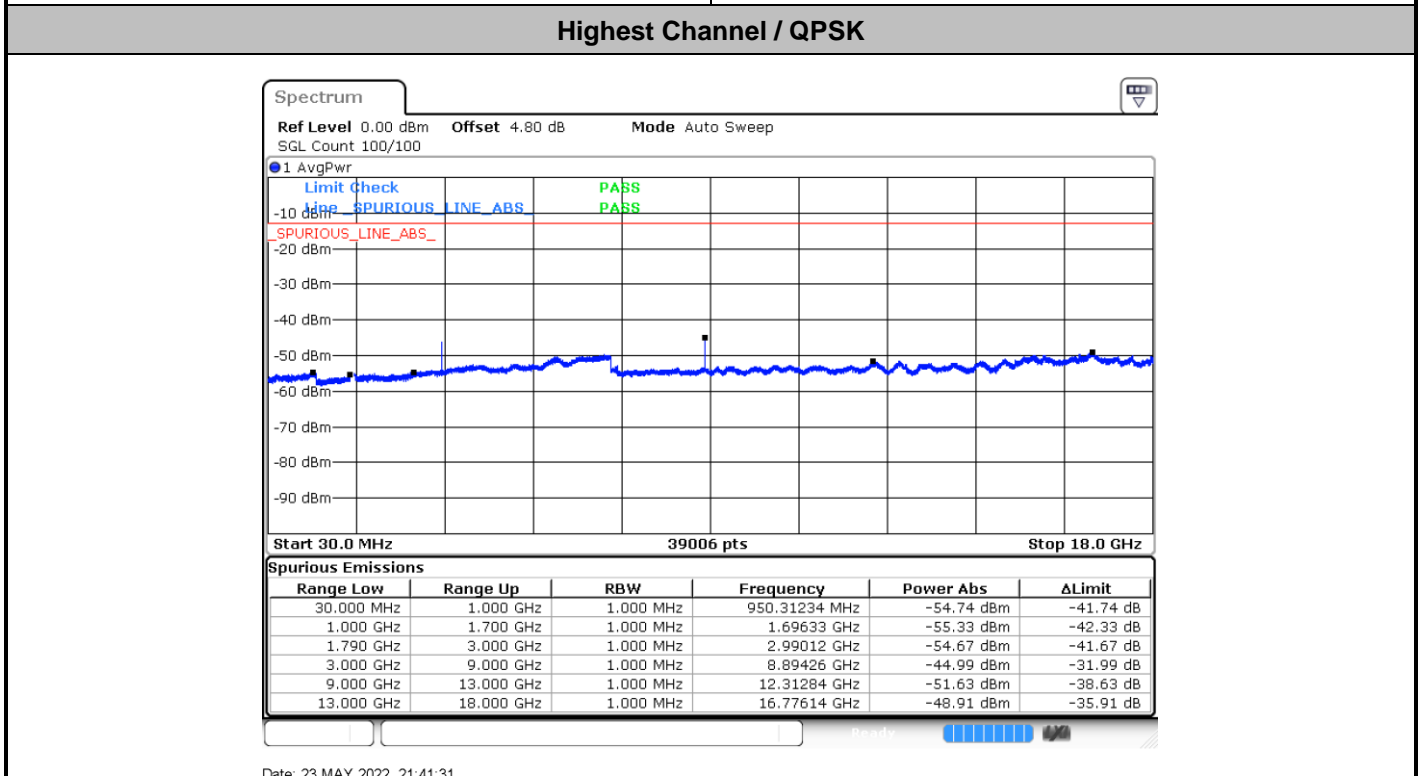
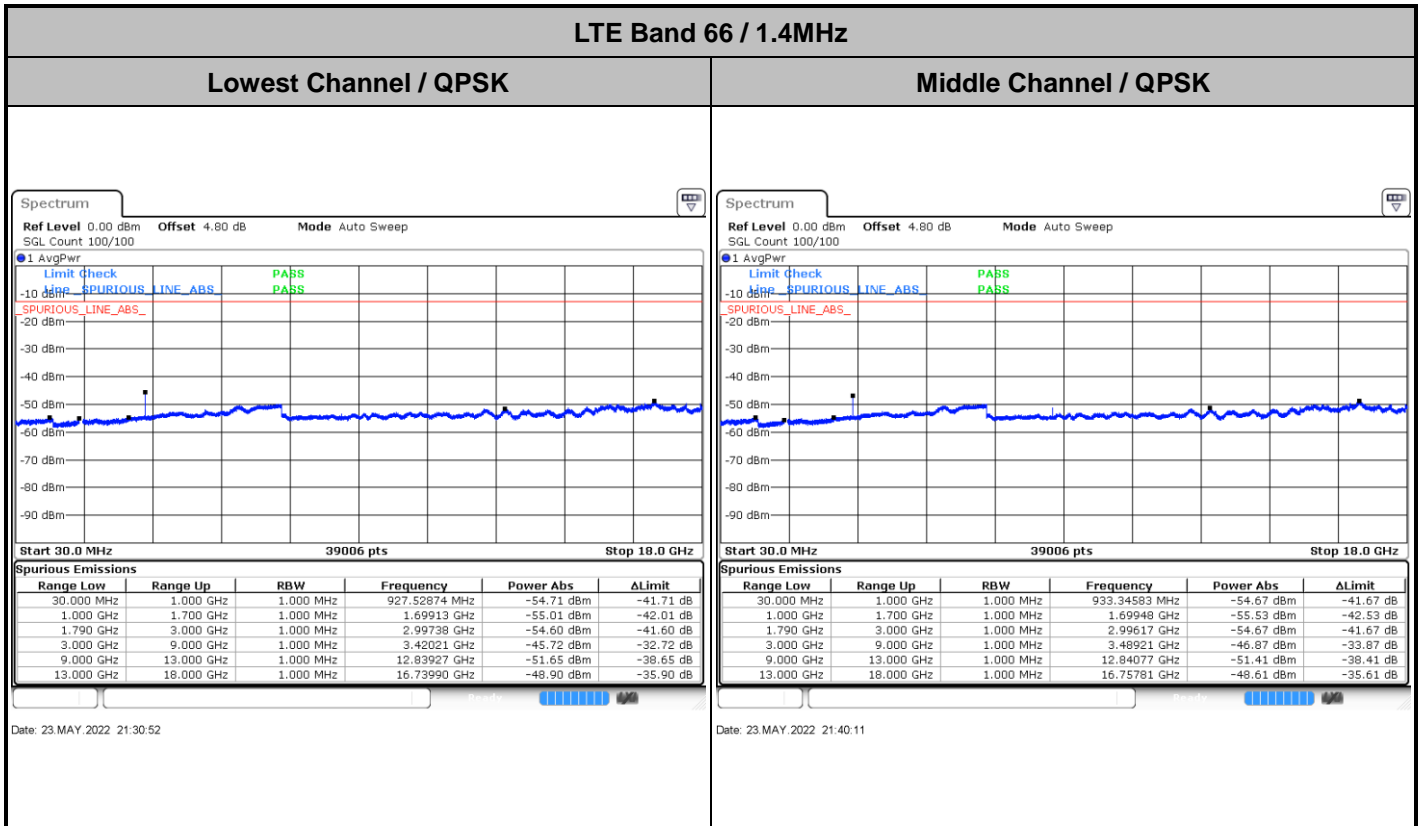
Highest Band Edge / Full RB



Date: 23 MAY 2022 23:10:34



# Conducted Spurious Emission

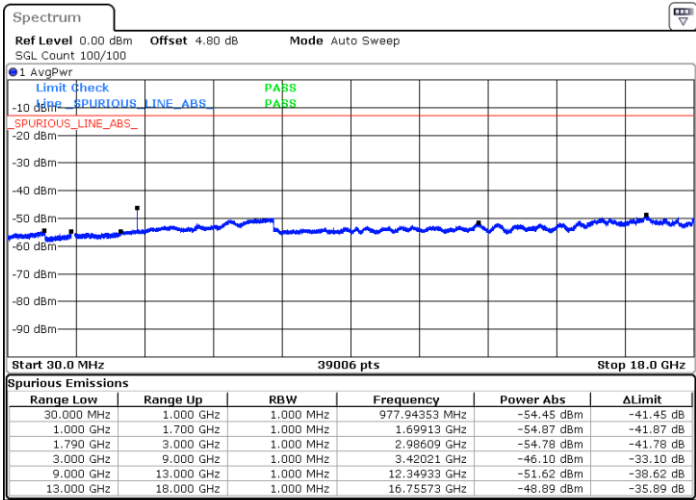




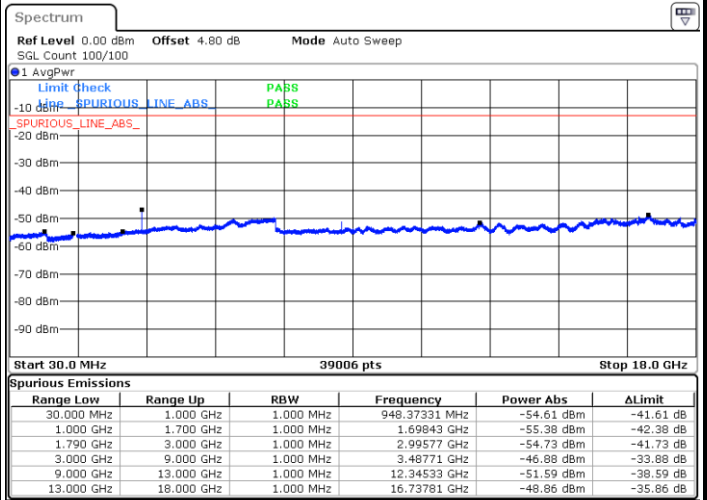
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

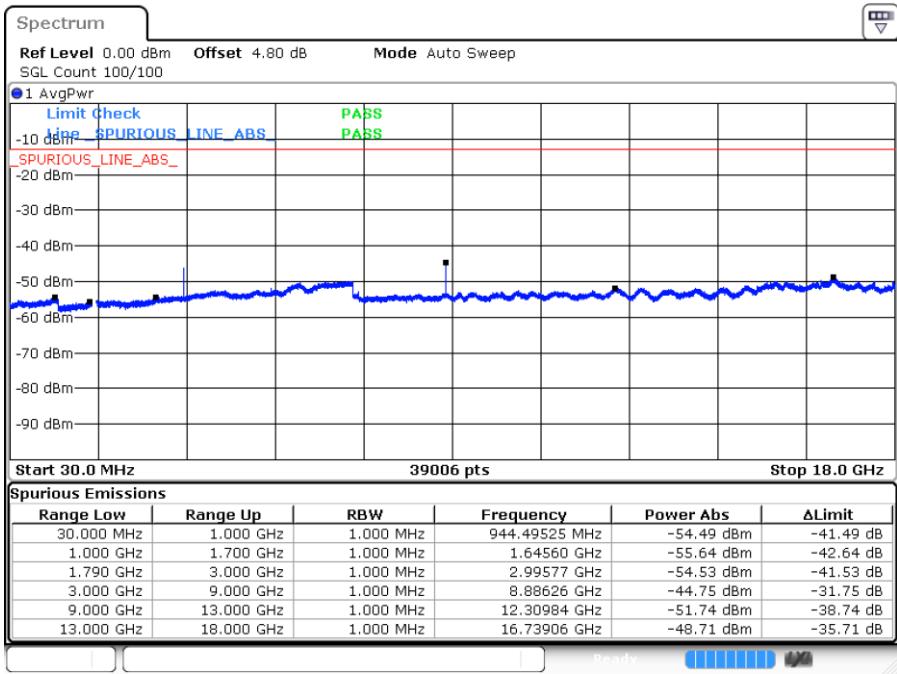


Date: 23.MAY.2022 21:50:50



Date: 23.MAY.2022 22:00:08

Highest Channel / QPSK

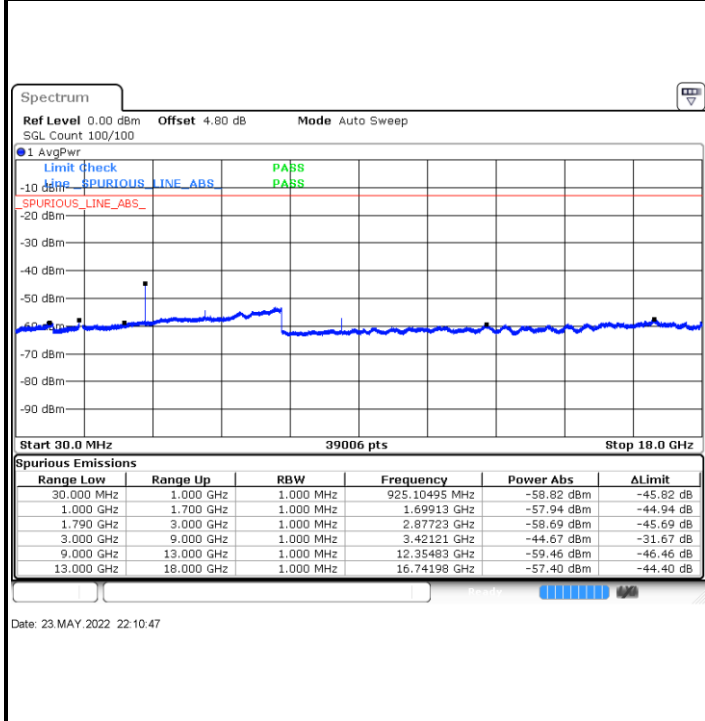


Date: 23.MAY.2022 22:01:28

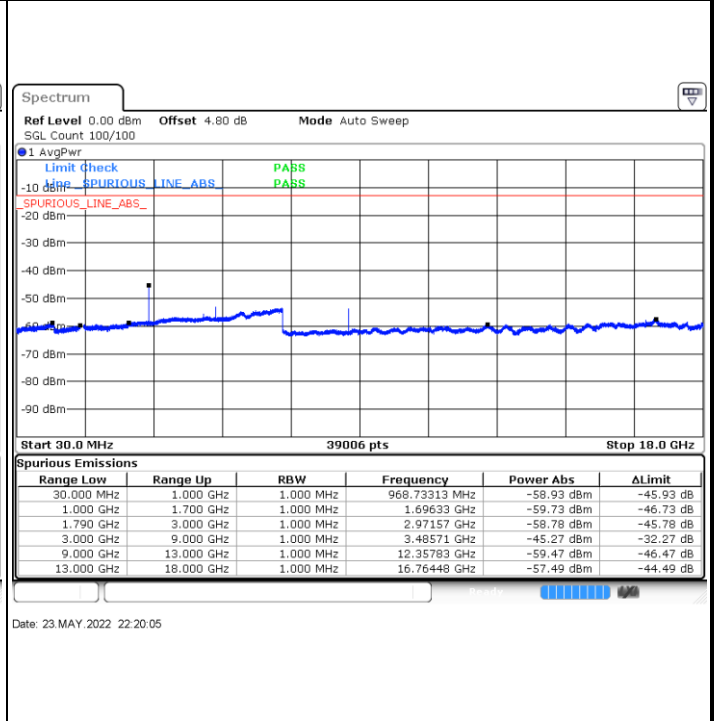


**LTE Band 66 / 5MHz**

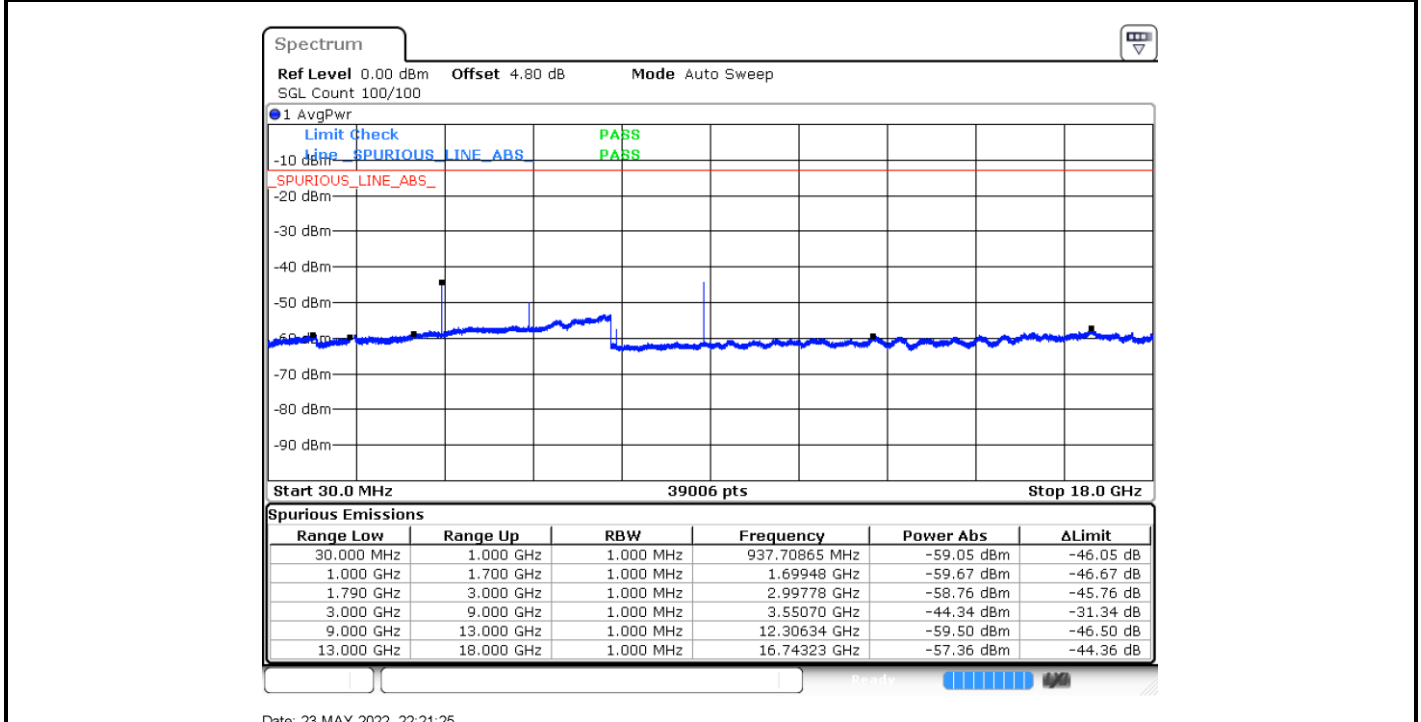
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**



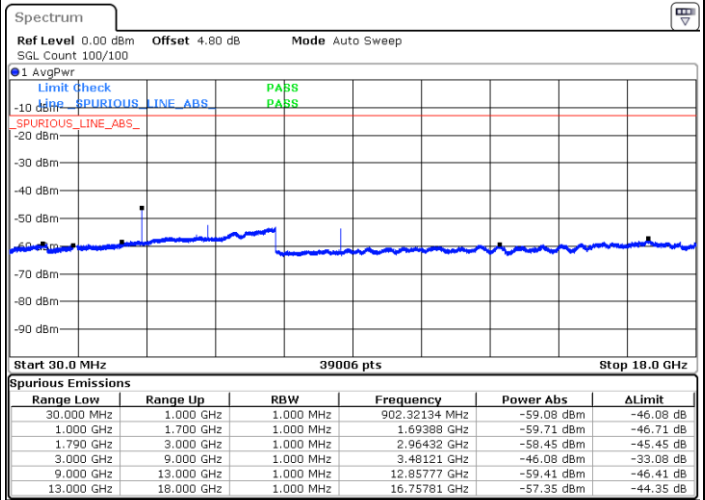
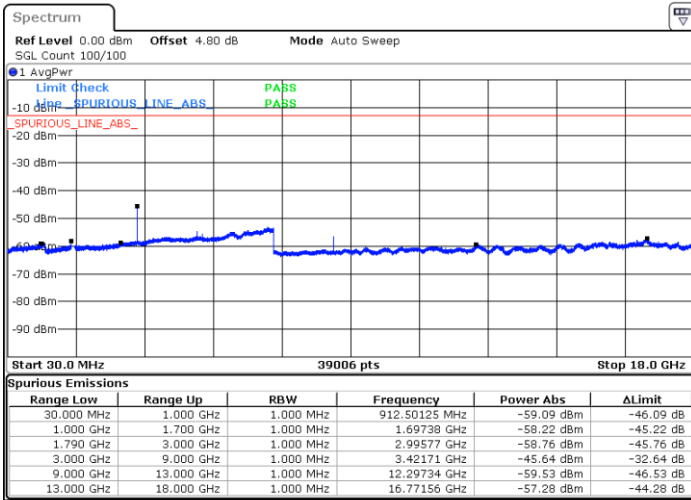




LTE Band 66 / 10MHz

Lowest Channel / QPSK

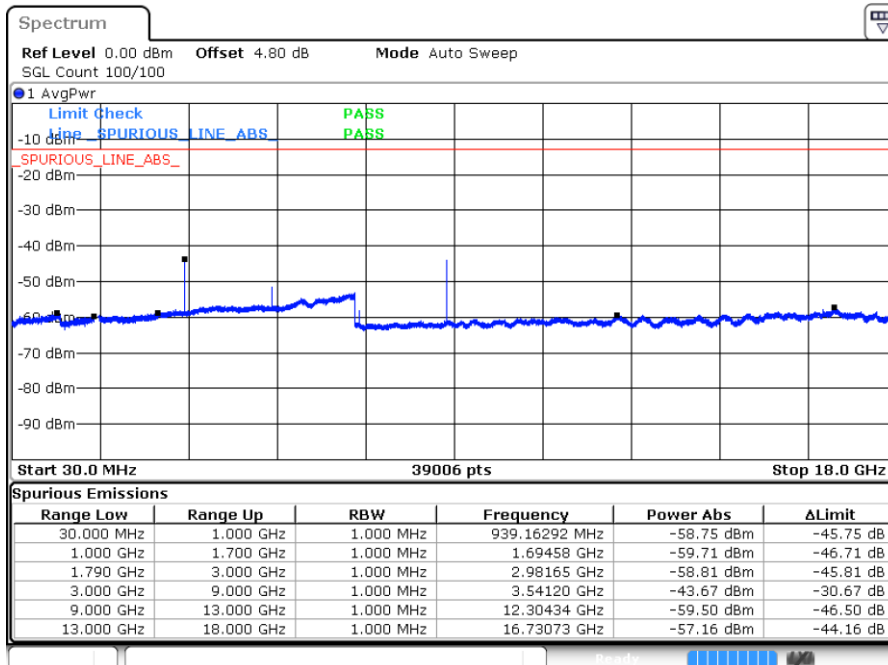
Middle Channel / QPSK



Date: 23.MAY.2022 22:30:44

Date: 23.MAY.2022 22:40:03

Highest Channel / QPSK

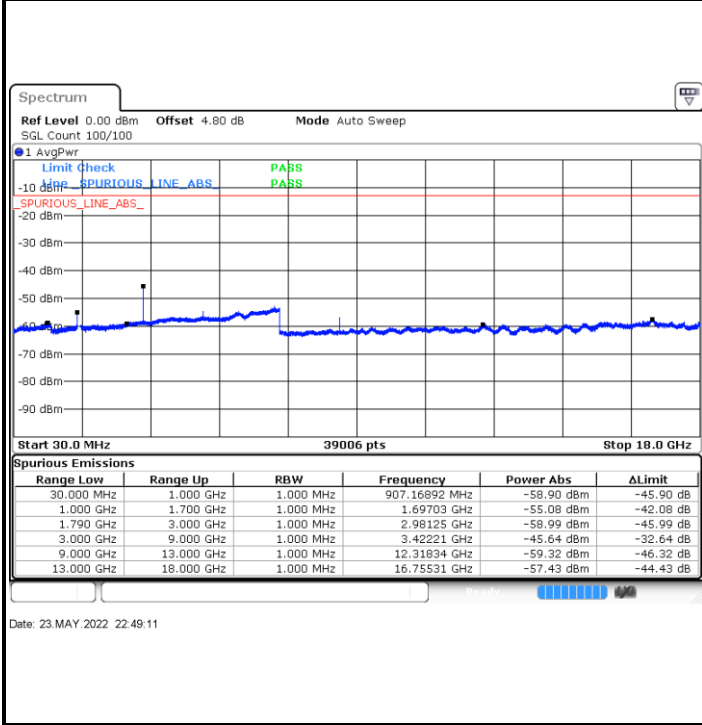


Date: 23.MAY.2022 22:41:23

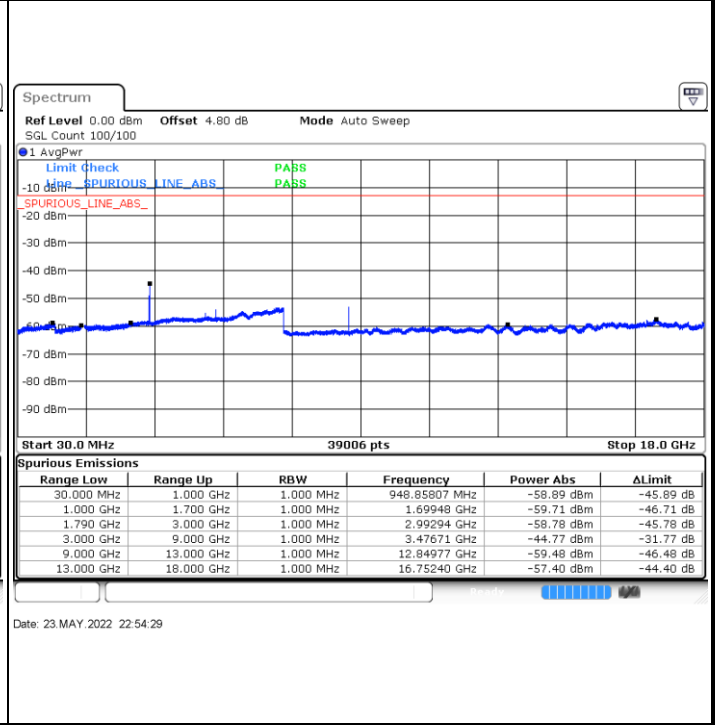


**LTE Band 66 / 15MHz**

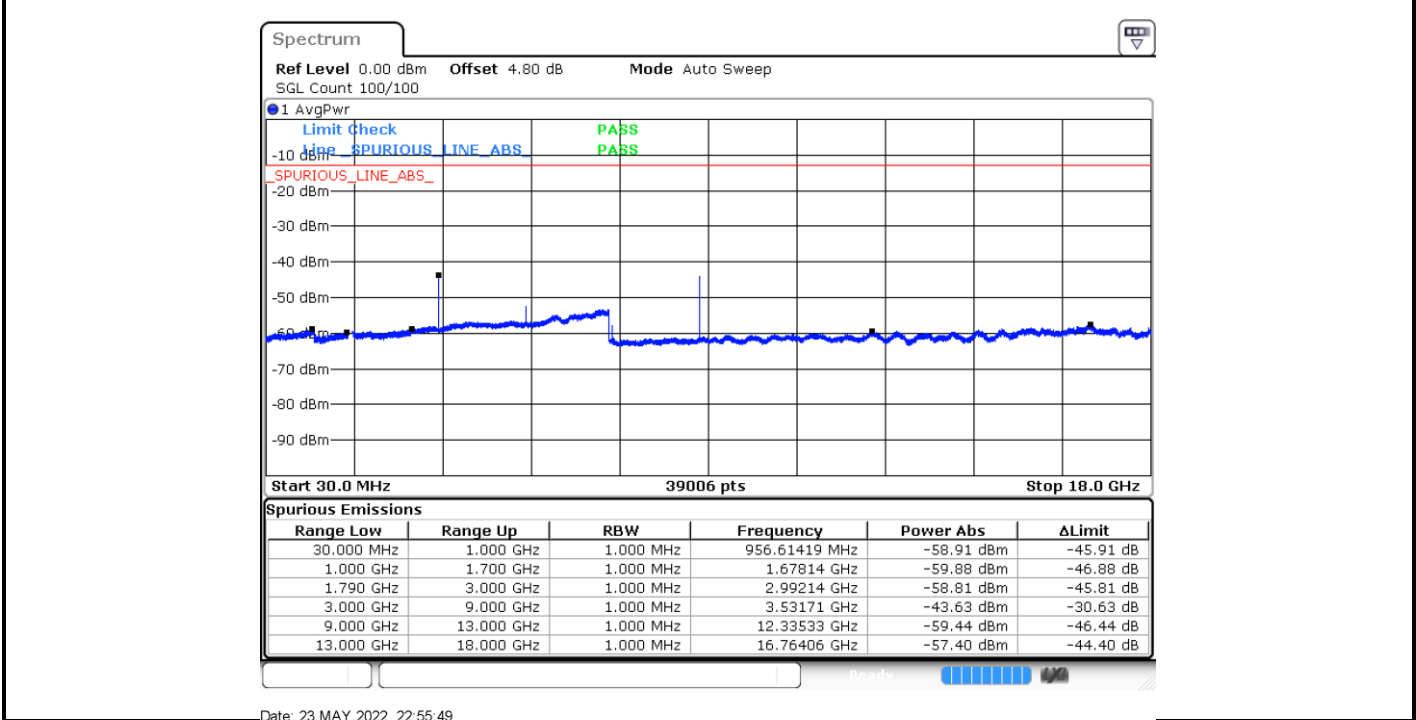
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

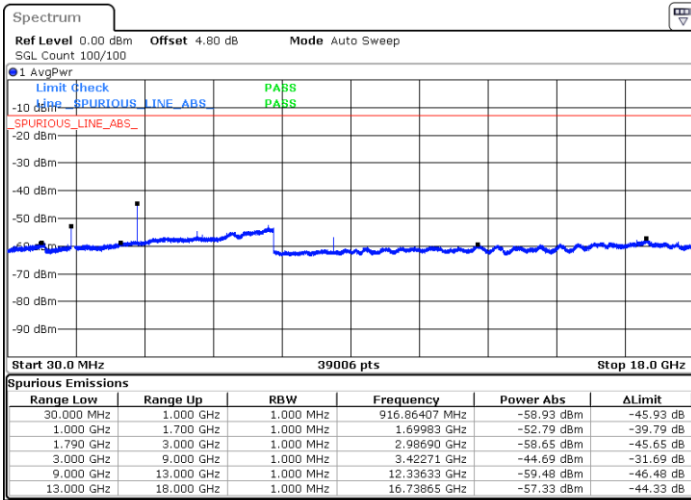




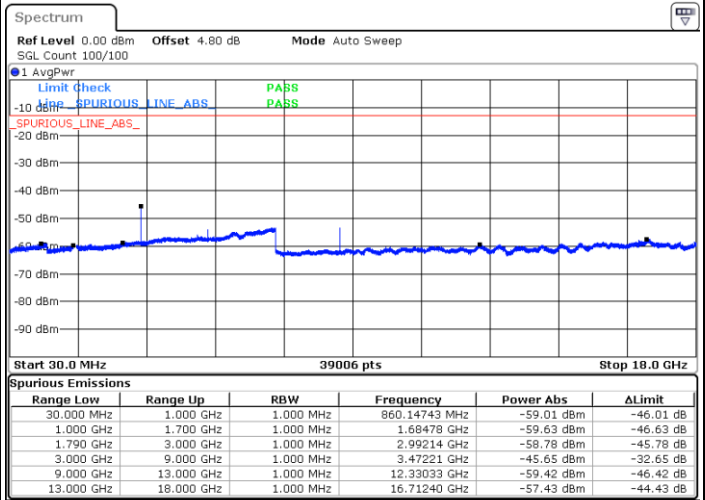
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

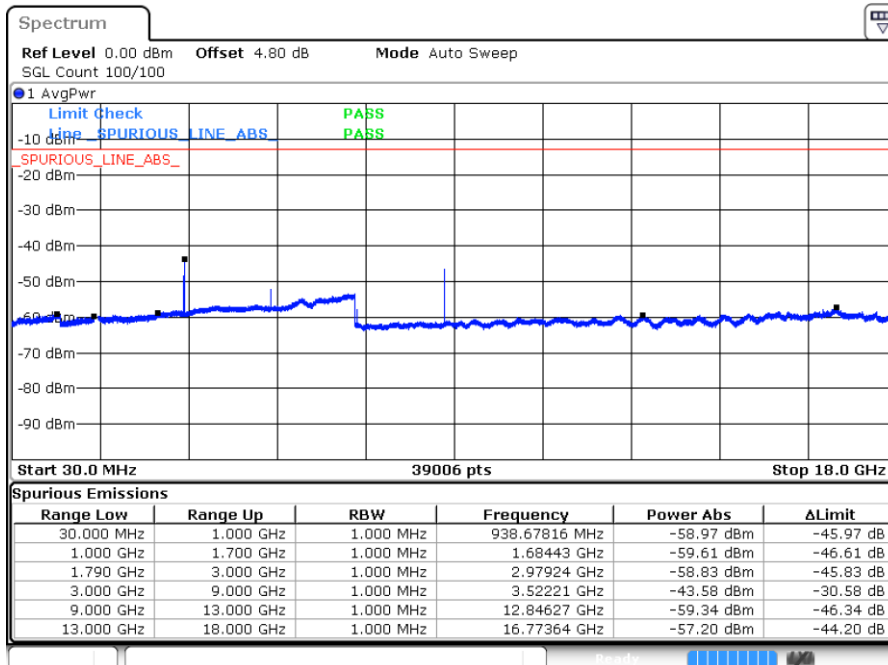


Date: 23.MAY.2022 23:01:08



Date: 23.MAY.2022 23:06:31

Highest Channel / QPSK



Date: 23.MAY.2022 23:07:54



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0102	PASS
40	Normal Voltage	0.0109	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0080	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0104	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0074	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 5B

### 26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	3MHz+5MHz	
Middle CH	8.18	8.18
BW	5MHz+3MHz	
Middle CH	8.14	8.15
BW	5MHz+10MHz	
Middle CH	14.72	14.72
BW	10MHz+5MHz	
Middle CH	14.63	14.75
BW	10MHz+10MHz	
Middle CH	19.62	19.7



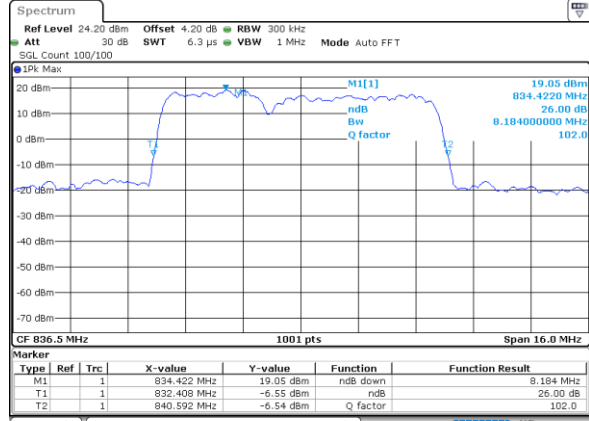
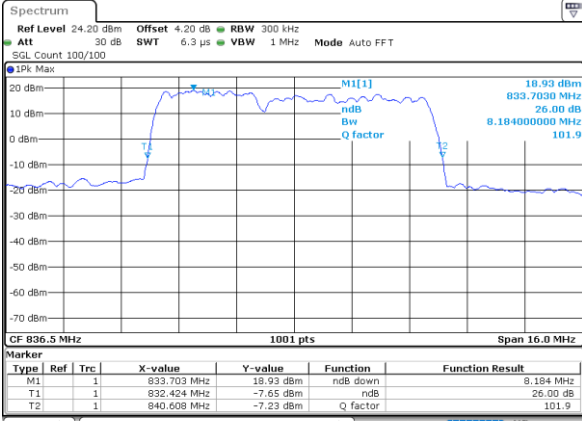
LTE Band 5B

QPSK

16QAM

Middle Channel / 3MHz+5MHz / QPSK

Middle Channel / 3MHz+5MHz / 16QAM



Date: 2 JUN 2022 23:11:51

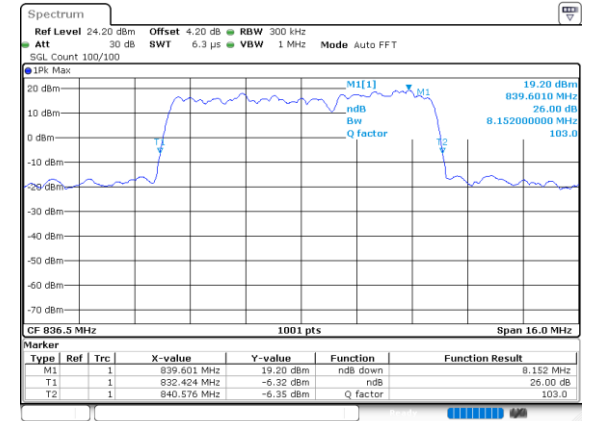
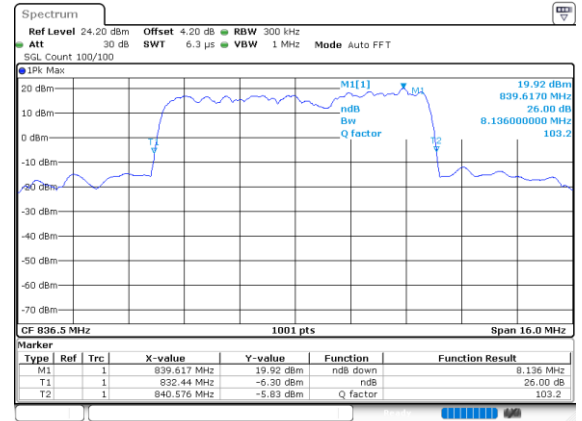
Date: 2 JUN 2022 23:12:19

QPSK

16QAM

Middle Channel / 5MHz+3MHz / QPSK

Middle Channel / 5MHz+3MHz / 16QAM



Date: 2 JUN 2022 23:14:19

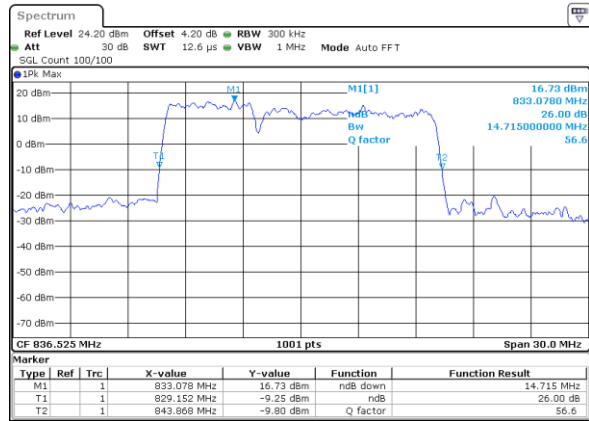
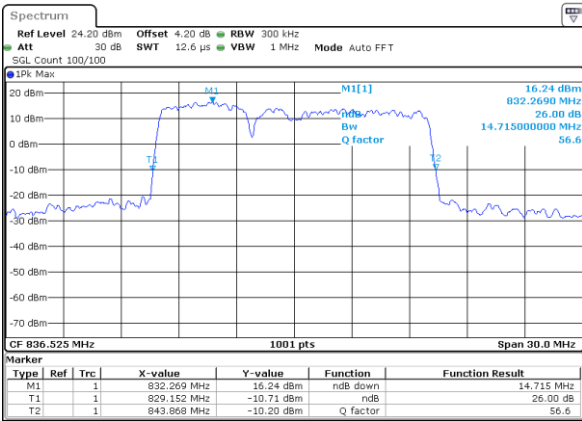
Date: 2 JUN 2022 23:14:00

QPSK

16QAM

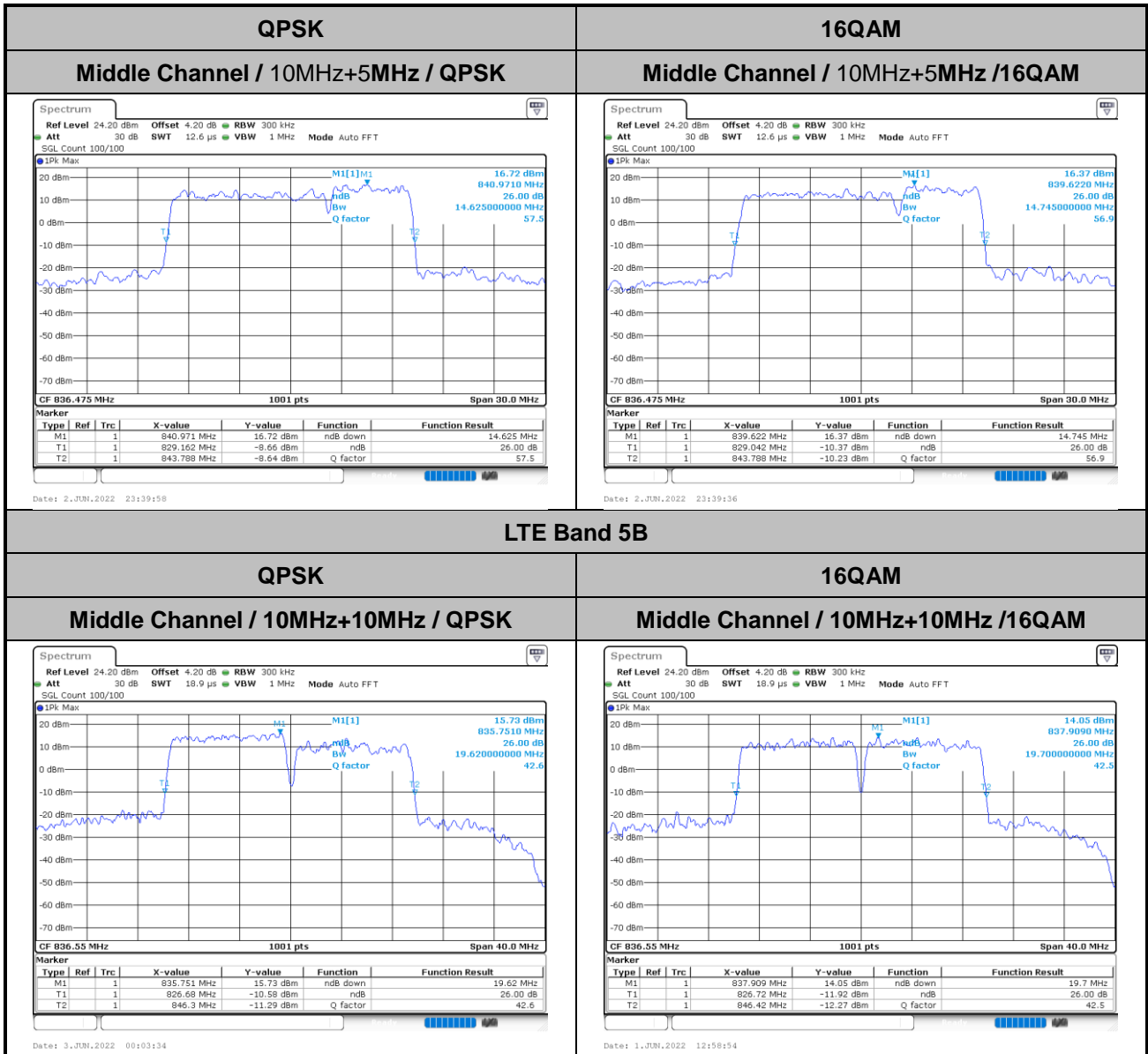
Middle Channel / 5MHz+10MHz / QPSK

Middle Channel / 5MHz+10MHz / 16QAM



Date: 2 JUN 2022 23:16:19

Date: 2 JUN 2022 23:35:47





### Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	3MHz+5MHz	
Middle CH	7.56	7.54
BW	5MHz+3MHz	
Middle CH	7.56	7.53
BW	5MHz+10MHz	
Middle CH	13.91	13.88
BW	10MHz+5MHz	
Middle CH	13.94	13.91
BW	10MHz+10MHz	
Middle CH	18.74	18.70





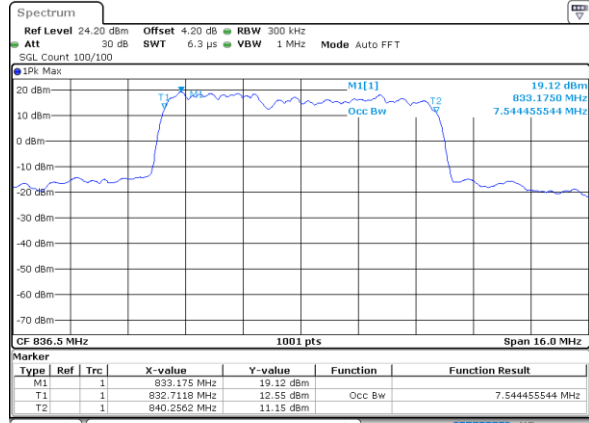
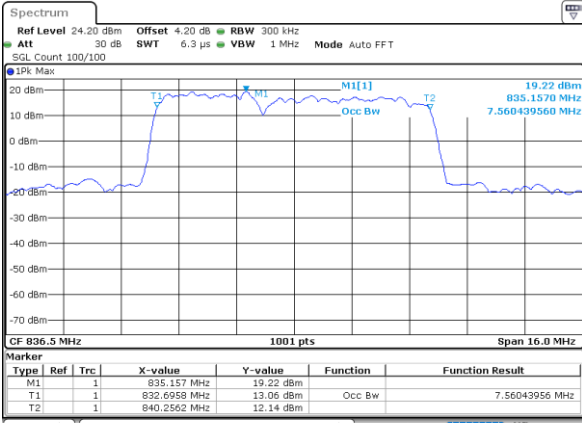
LTE Band 5B

QPSK

16QAM

Middle Channel / 3MHz+5MHz / QPSK

Middle Channel / 3MHz+5MHz / 16QAM



Date: 2 JUN 2022 23:11:40

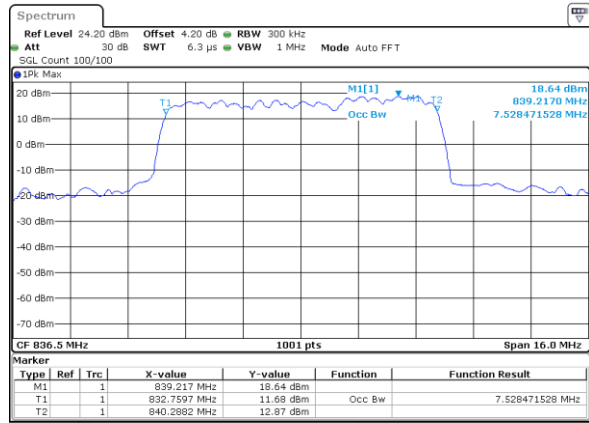
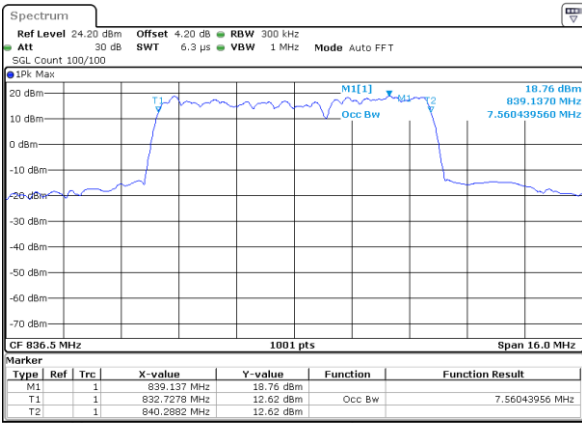
Date: 2 JUN 2022 23:12:08

QPSK

16QAM

Middle Channel / 5MHz+3MHz / QPSK

Middle Channel / 5MHz+3MHz / 16QAM



Date: 2 JUN 2022 23:14:22

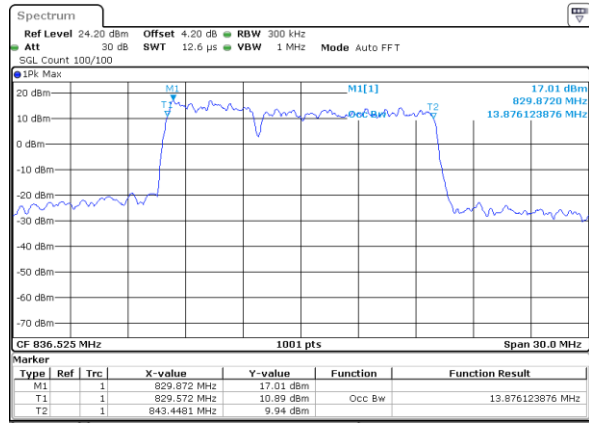
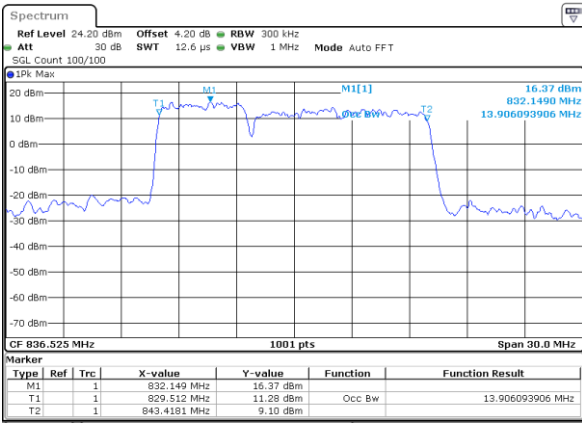
Date: 2 JUN 2022 23:13:49

QPSK

16QAM

Middle Channel / 5MHz+10MHz / QPSK

Middle Channel / 5MHz+10MHz / 16QAM



Date: 2 JUN 2022 23:16:07

Date: 2 JUN 2022 23:15:37



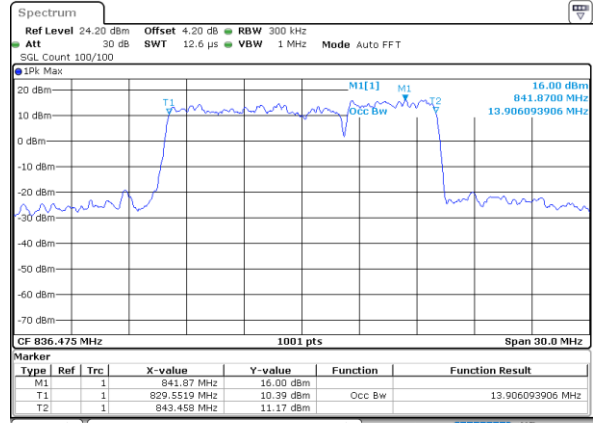
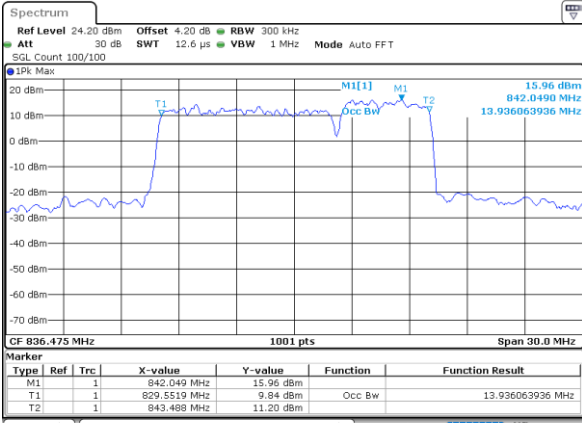
LTE Band 5B

QPSK

16QAM

Middle Channel / 10MHz+5MHz / QPSK

Middle Channel / 10MHz+5MHz / 16QAM



Date: 2 JUN 2022 23:39:49

Date: 2 JUN 2022 23:39:26

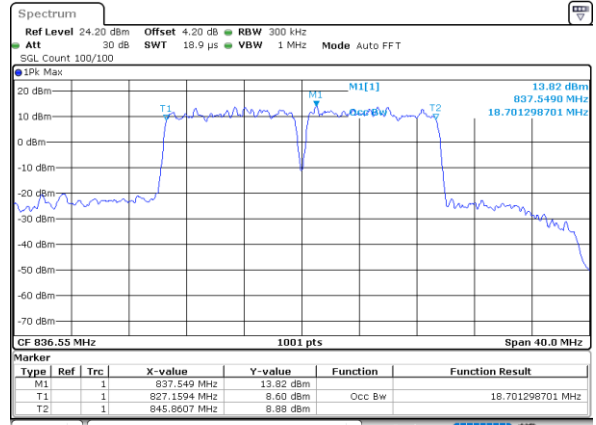
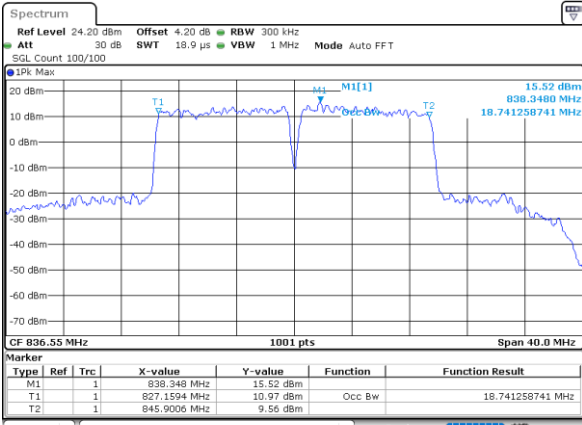
LTE Band 5B

QPSK

16QAM

Middle Channel / 10MHz+10MHz / QPSK

Middle Channel / 10MHz+10MHz / 16QAM



Date: 1 JUN 2022 12:57:59

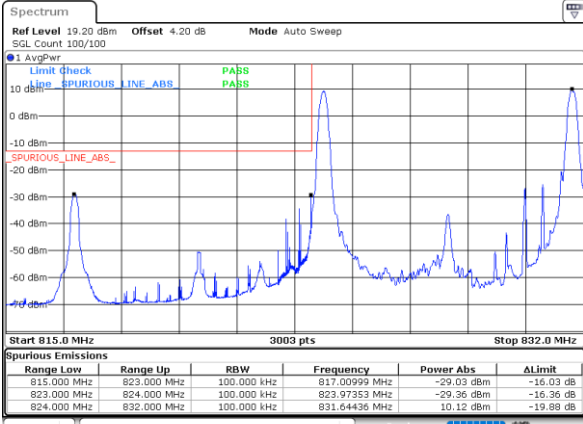
Date: 1 JUN 2022 12:58:27



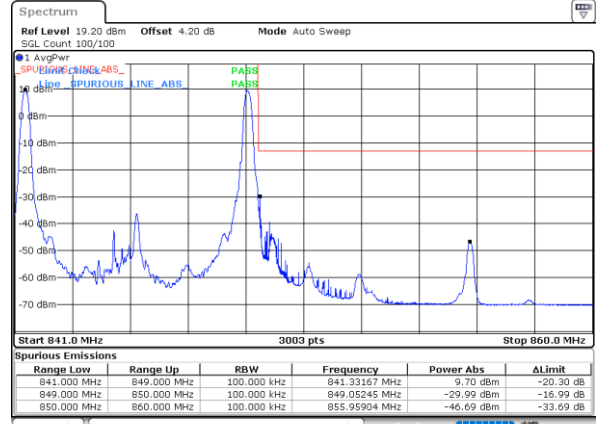
# Conducted Band Edge

## LTE Band 5B / 3MHz+5MHz QPSK

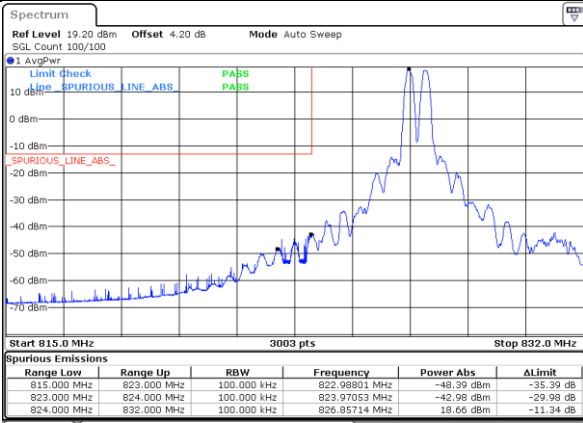
### Lowest Band Edge / 1RB0 and 1RB24



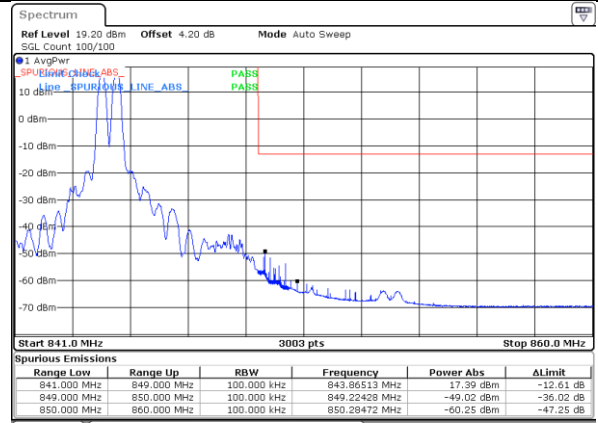
### Highest Band Edge / 1RB0 and 1RB24



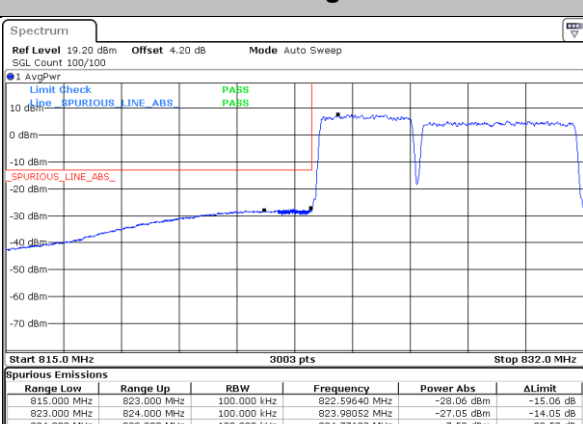
### Lowest Band Edge / 1RB14 and 1RB0



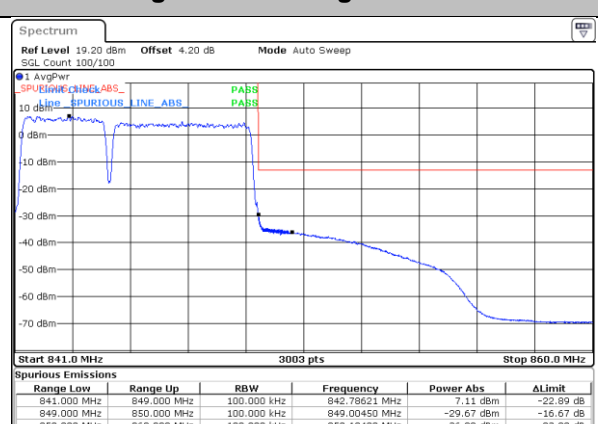
### Highest Band Edge / 1RB14 and 1RB0



### Lowest Band Edge / Full RB



### Highest Band Edge / Full RB



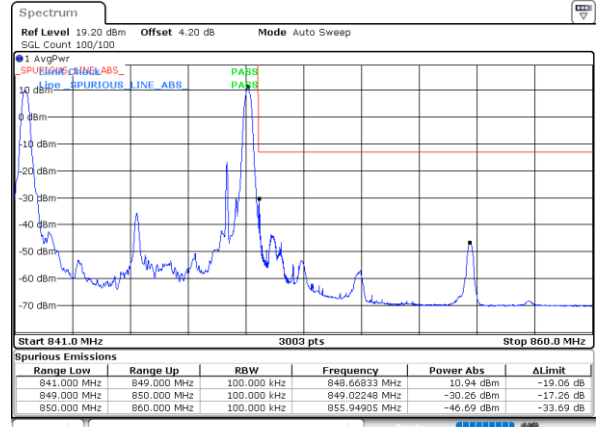
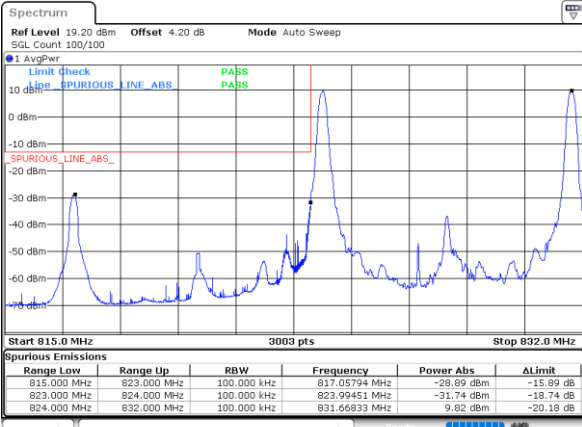


LTE Band 5B / 5MHz+3MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

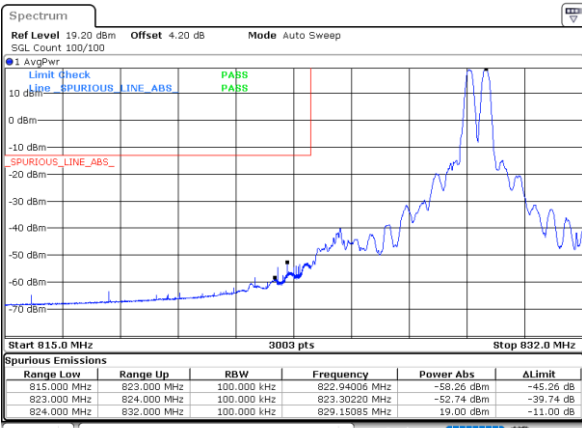


Date: 1 JUN 2022 10:27:40

Date: 1 JUN 2022 10:44:12

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

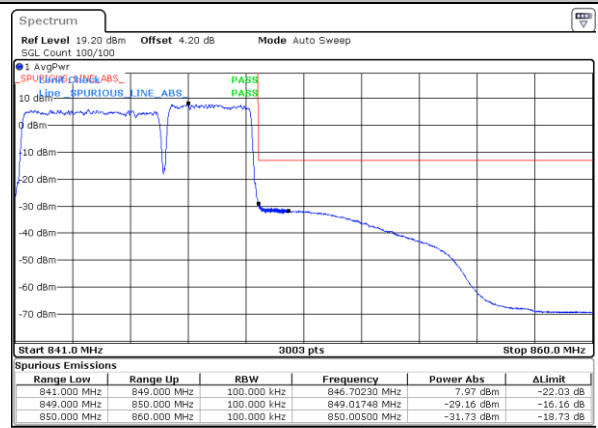
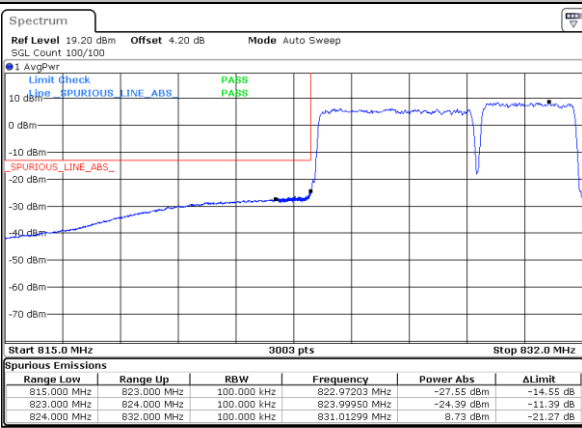


Date: 1 JUN 2022 10:29:38

Date: 1 JUN 2022 10:55:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1 JUN 2022 10:17:50

Date: 1 JUN 2022 10:42:14

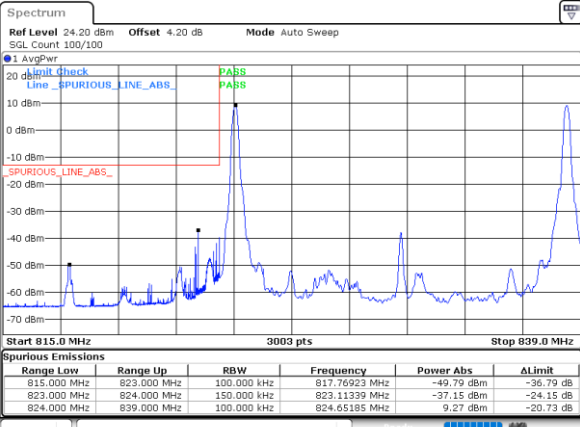


LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

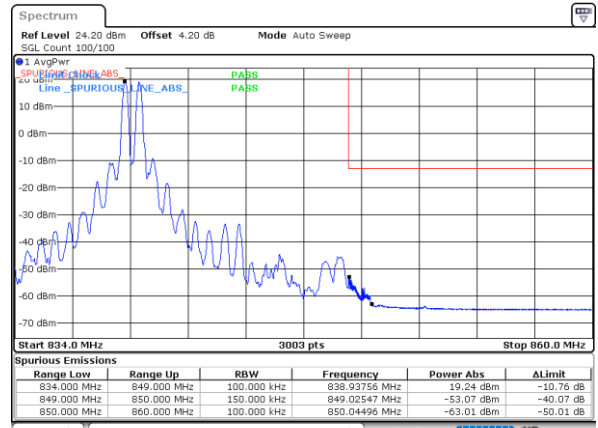
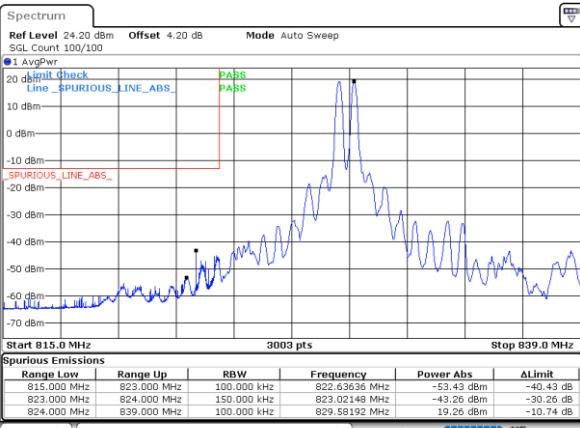


Date: 1 JUN 2022 11:17:14

Date: 1 JUN 2022 11:33:45

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

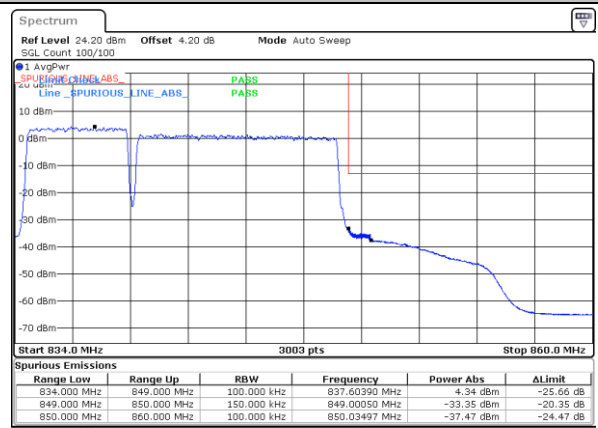
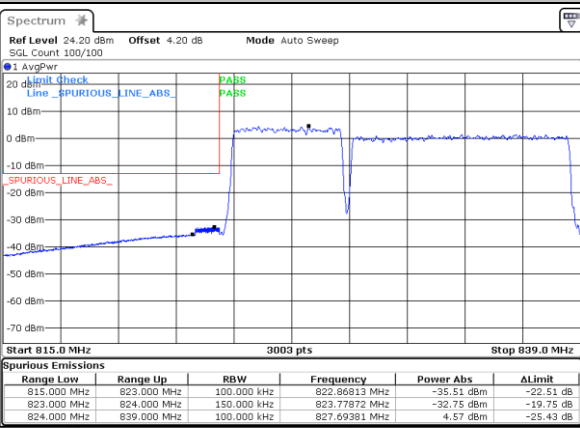


Date: 1 JUN 2022 11:19:12

Date: 1 JUN 2022 11:43:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1 JUN 2022 11:07:24

Date: 1 JUN 2022 11:31:47

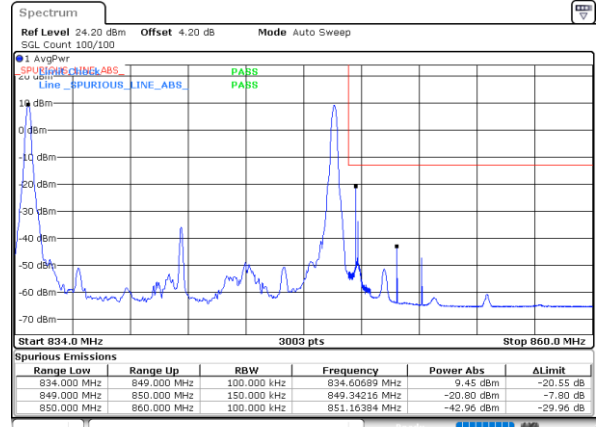
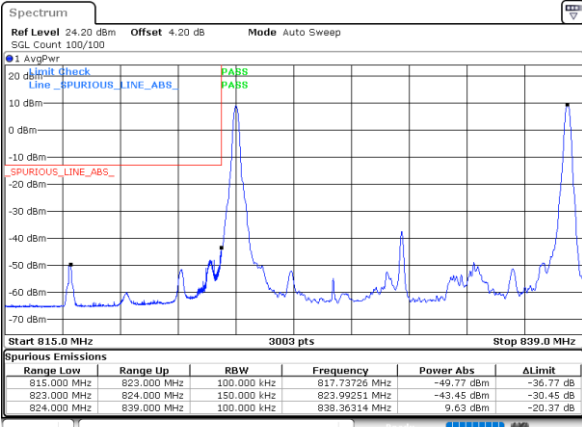


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

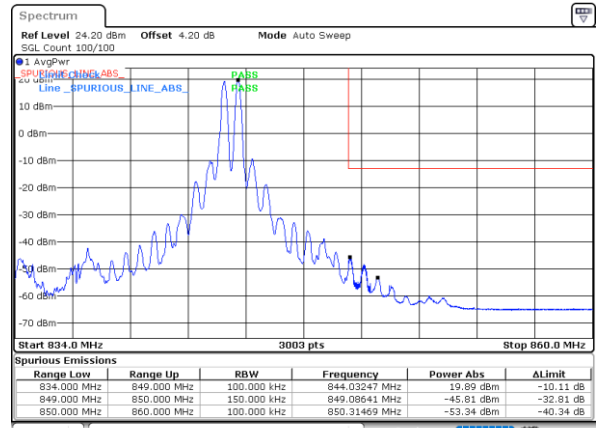
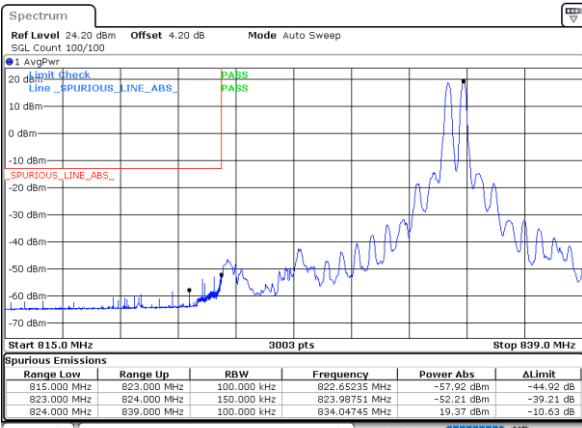


Date: 1 JUN 2022 11:59:17

Date: 1 JUN 2022 12:15:48

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

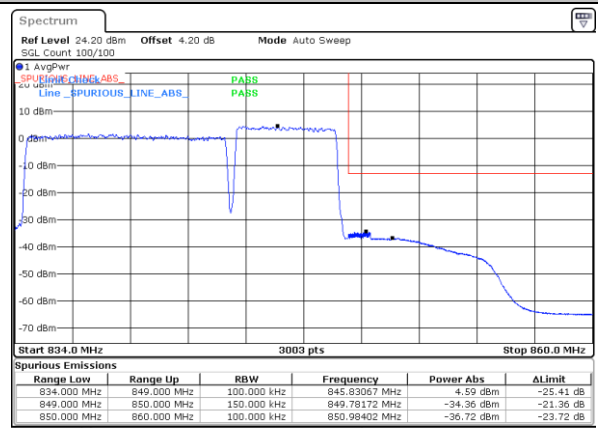
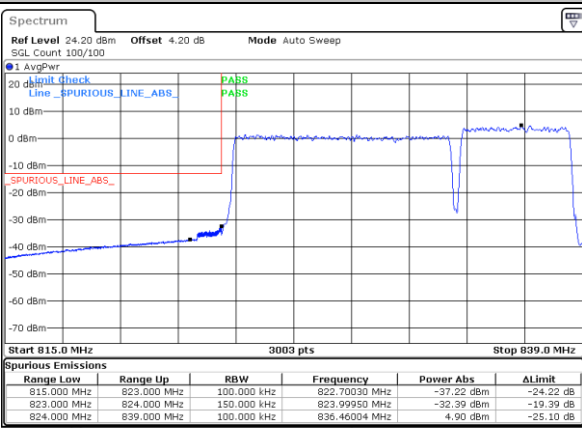


Date: 1 JUN 2022 12:01:14

Date: 1 JUN 2022 12:25:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1 JUN 2022 11:49:27

Date: 1 JUN 2022 12:13:51

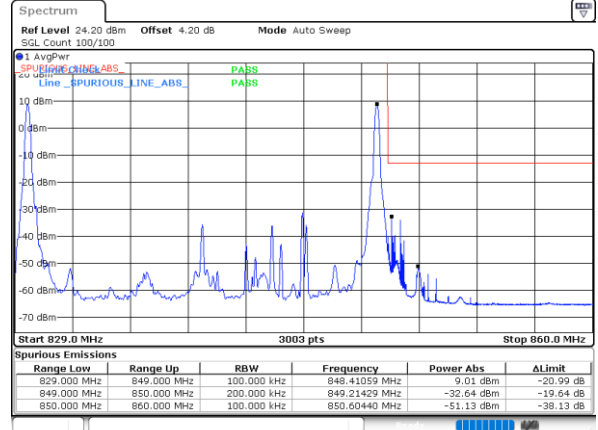
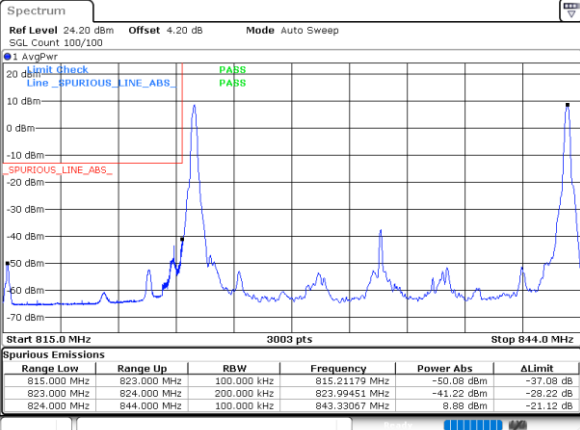


LTE Band 5B / 10MHz+10MHz

QPSK

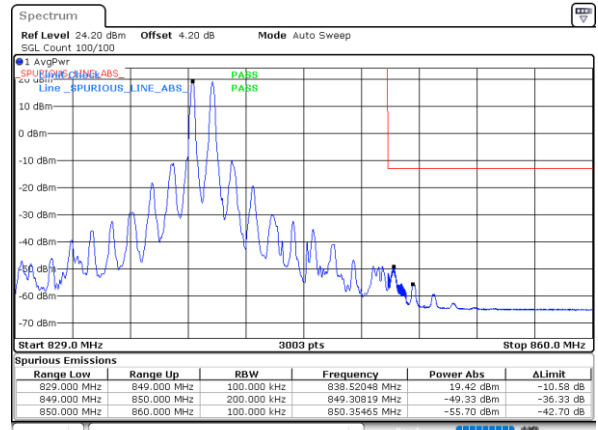
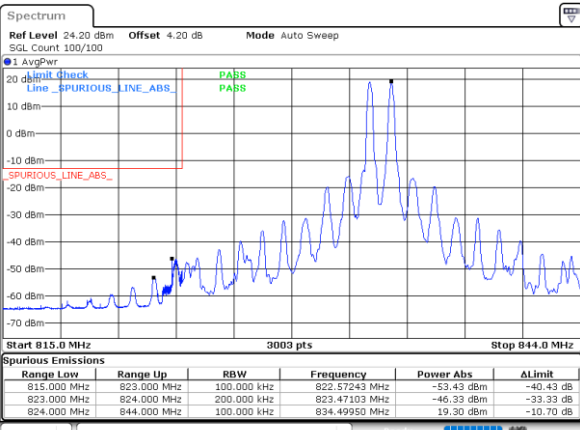
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



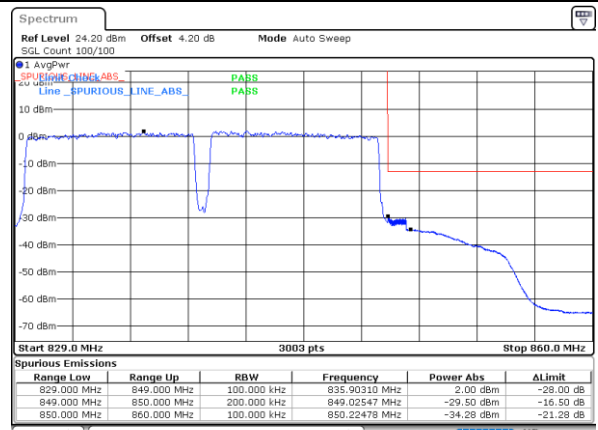
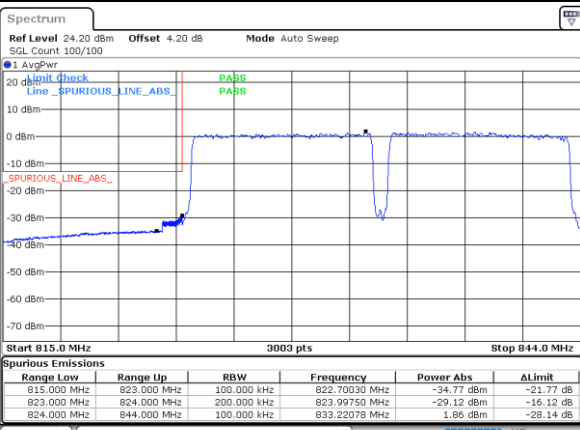
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

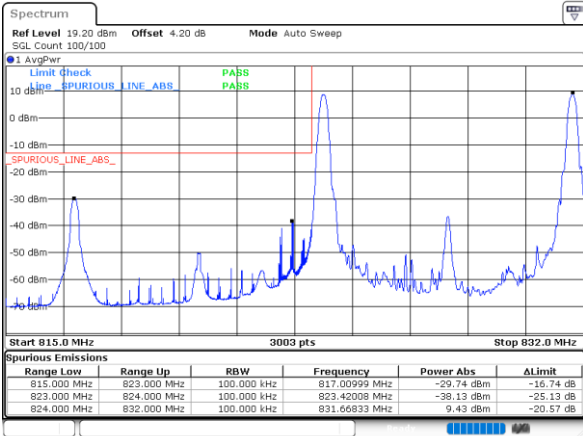




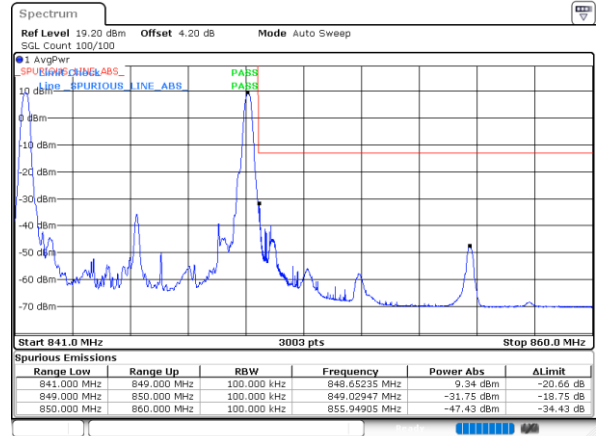
LTE Band 5B / 3MHz+5MHz

16QAM

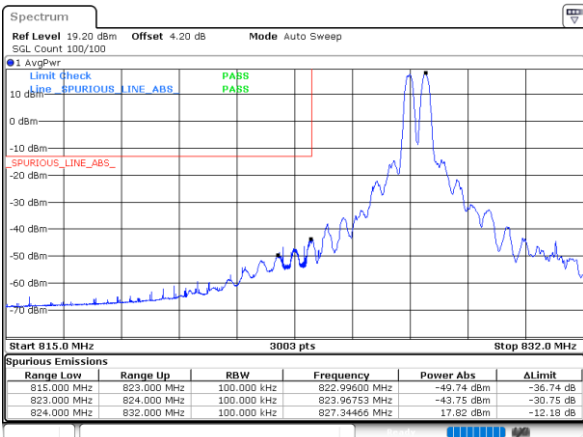
Lowest Band Edge / 1RB0 and 1RB24



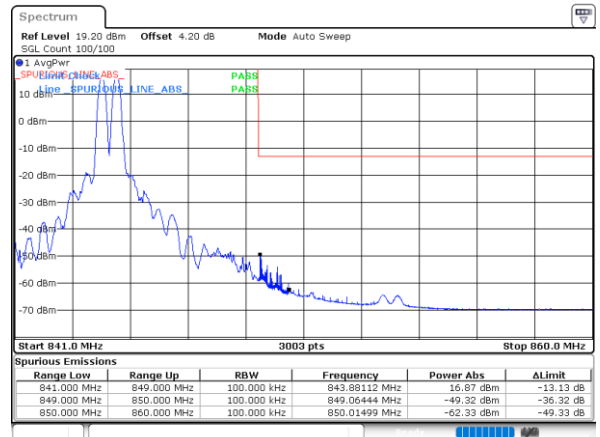
Highest Band Edge / 1RB0 and 1RB24



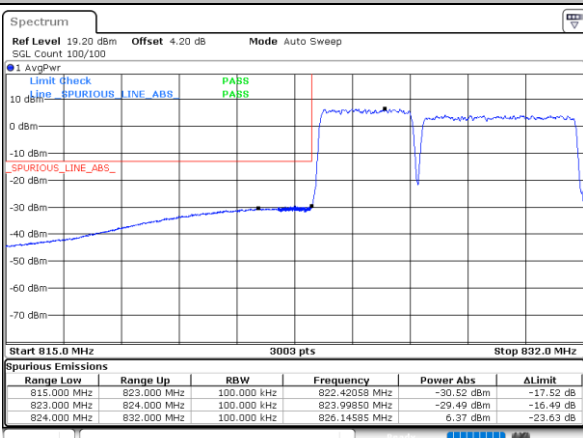
Lowest Band Edge / 1RB14 and 1RB0



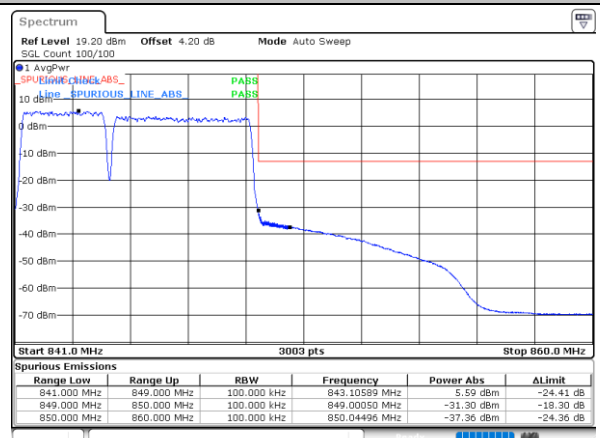
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





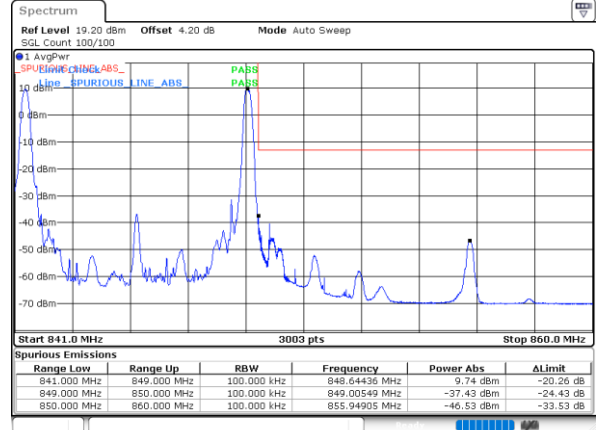
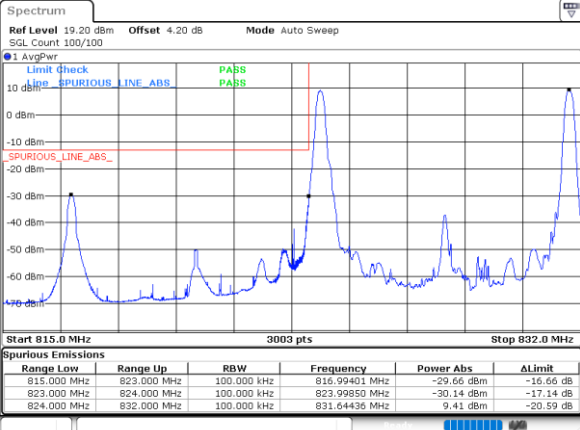


LTE Band 5B / 5MHz+3MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

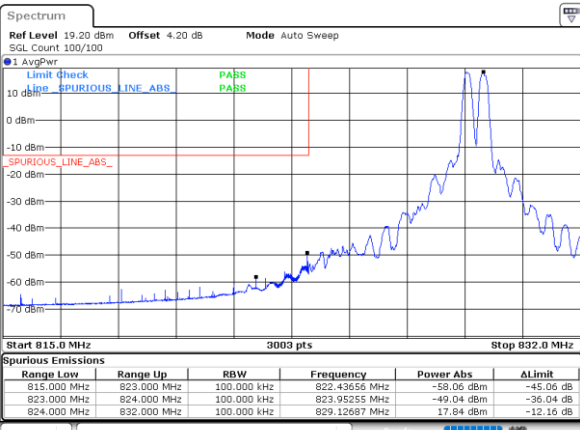


Date: 1 JUN 2022 10:25:42

Date: 1 JUN 2022 10:48:01

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

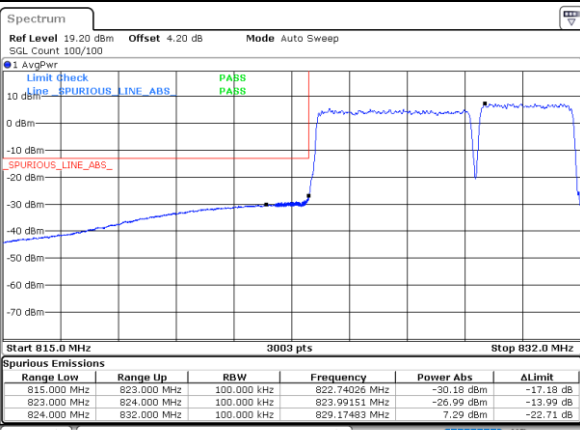


Date: 1 JUN 2022 10:31:36

Date: 1 JUN 2022 10:53:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1 JUN 2022 10:19:48

Date: 1 JUN 2022 10:40:16

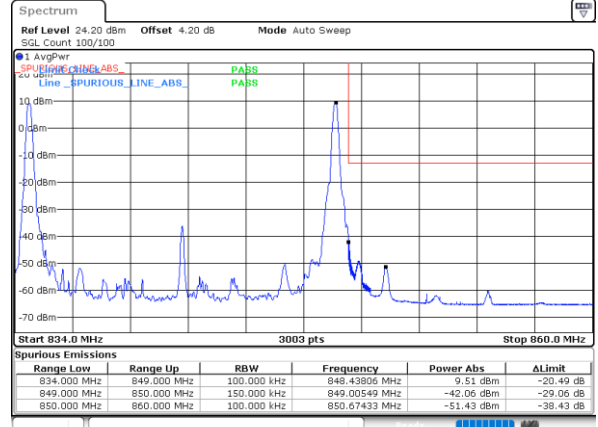
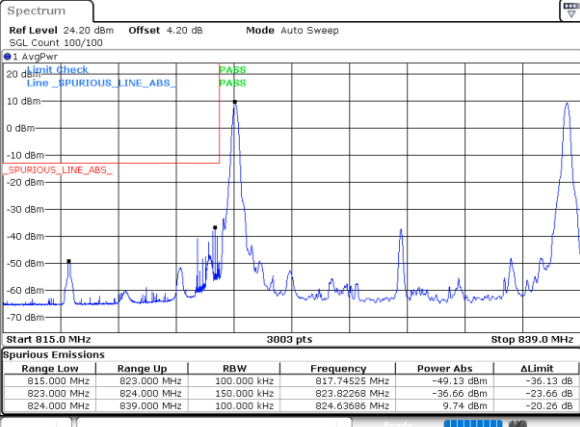


LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

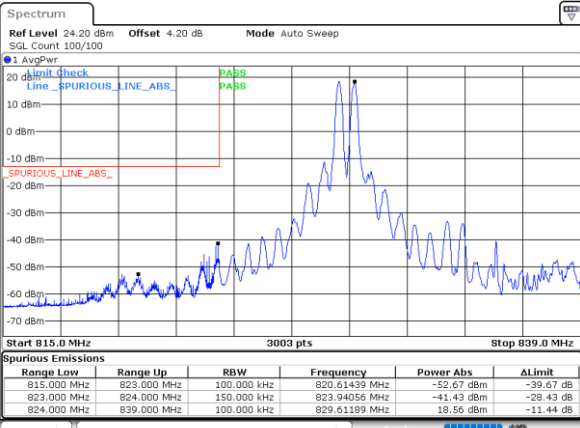


Date: 1\_JUN.2022 11:15:16

Date: 1\_JUN.2022 11:35:42

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

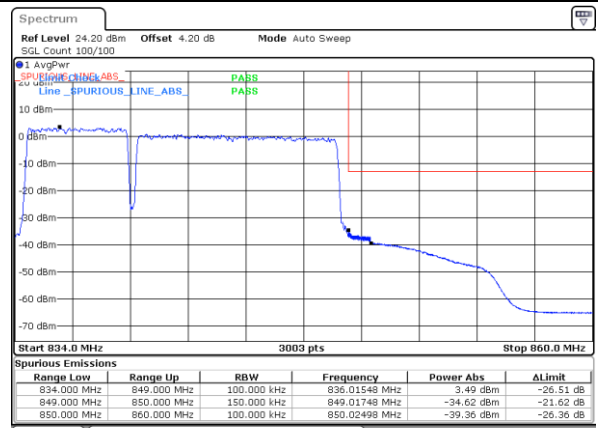
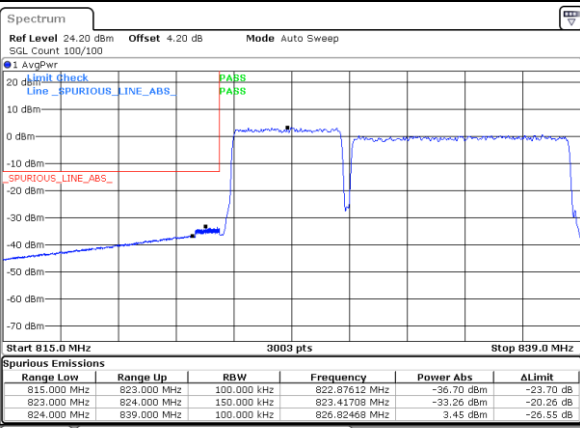


Date: 1\_JUN.2022 11:21:10

Date: 1\_JUN.2022 11:41:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1\_JUN.2022 11:09:22

Date: 1\_JUN.2022 11:29:50