

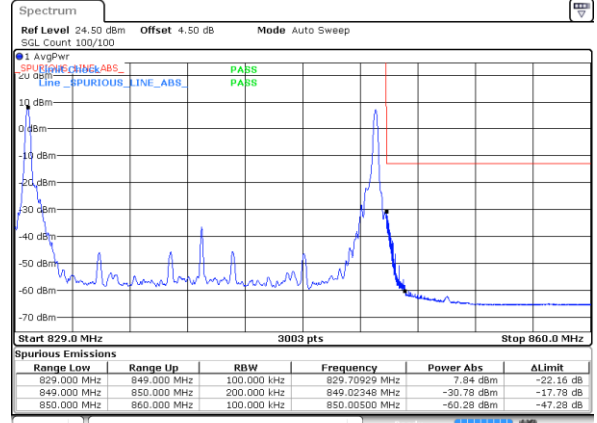
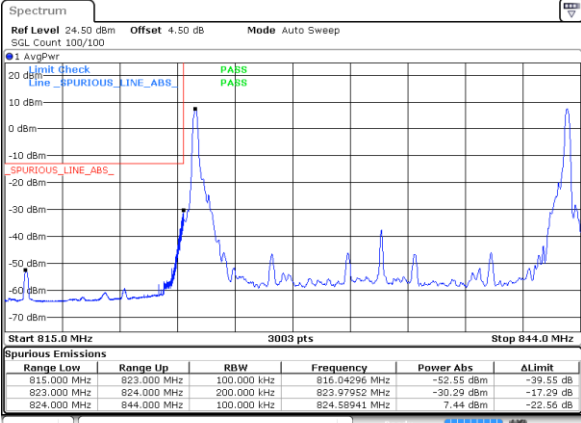


LTE Band 5B / 10MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

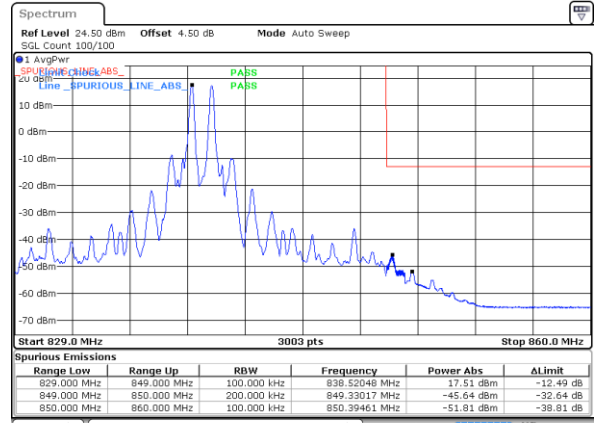
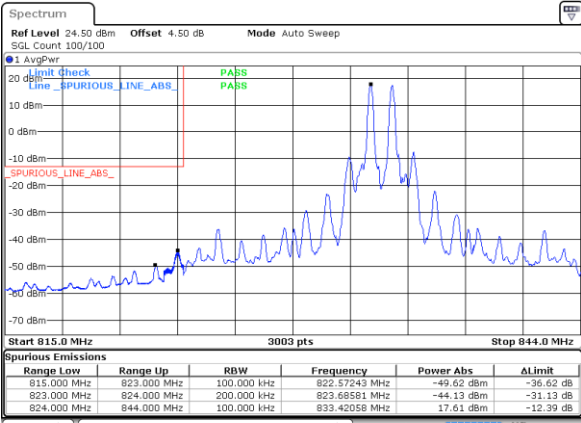


Date: 17 MAY 2022 23:00:46

Date: 17 MAY 2022 23:15:16

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

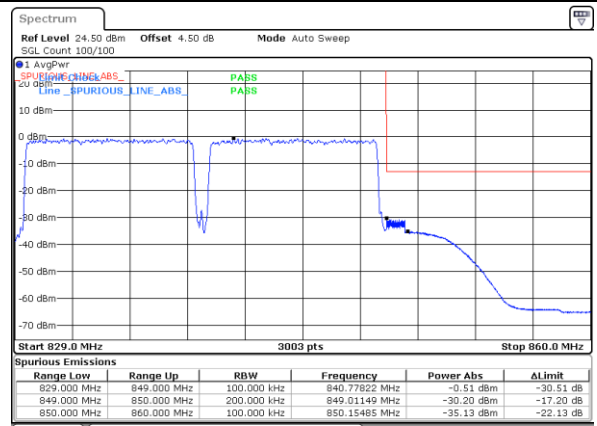
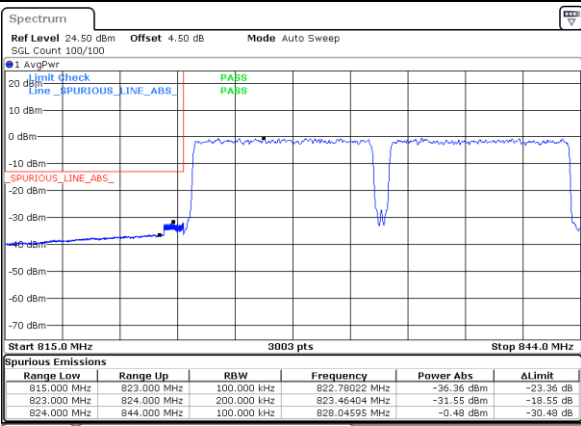


Date: 17 MAY 2022 23:05:19

Date: 17 MAY 2022 23:11:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 22:54:17

Date: 17 MAY 2022 23:21:08

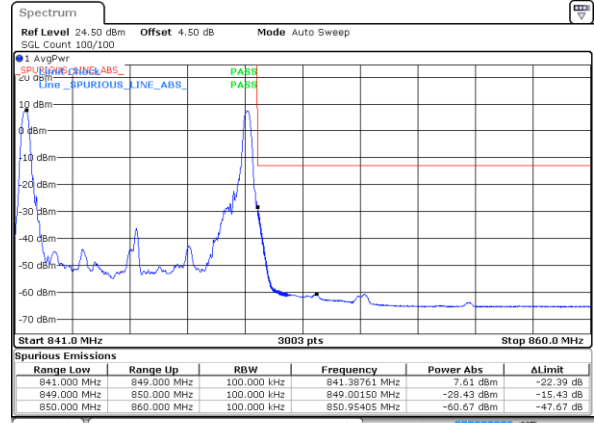
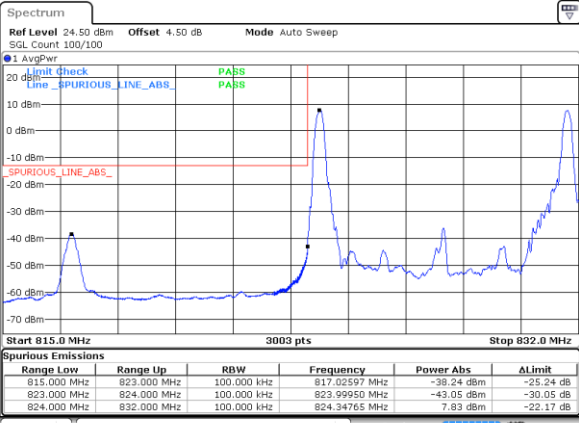


LTE Band 5B / 3MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

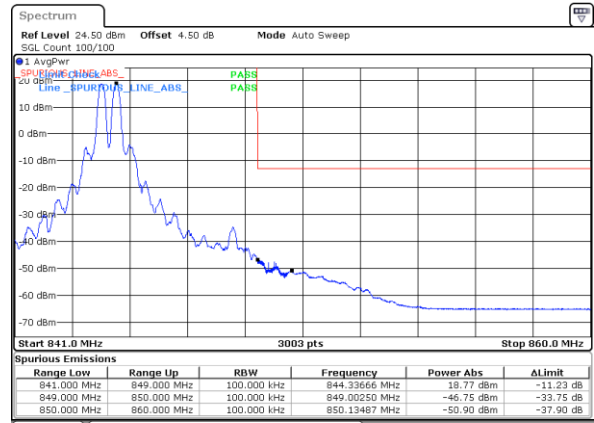
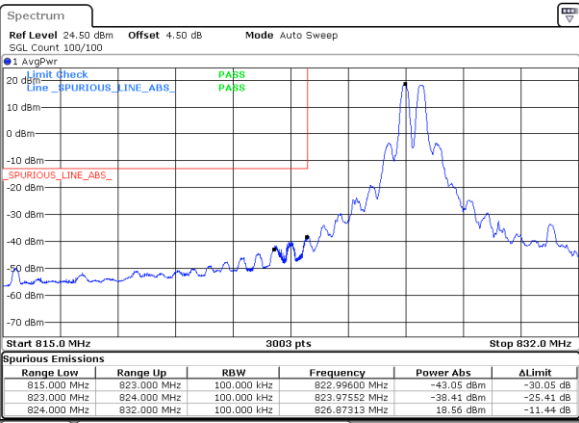


Date: 17 MAY 2022 18:03:11

Date: 17 MAY 2022 18:26:14

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

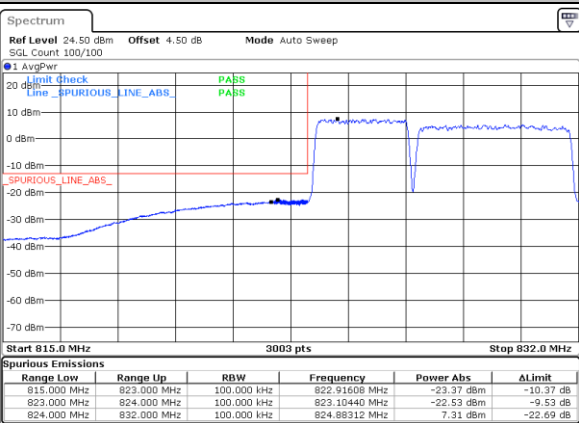


Date: 17 MAY 2022 18:12:56

Date: 17 MAY 2022 18:30:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 17:56:35

Date: 17 MAY 2022 18:19:48

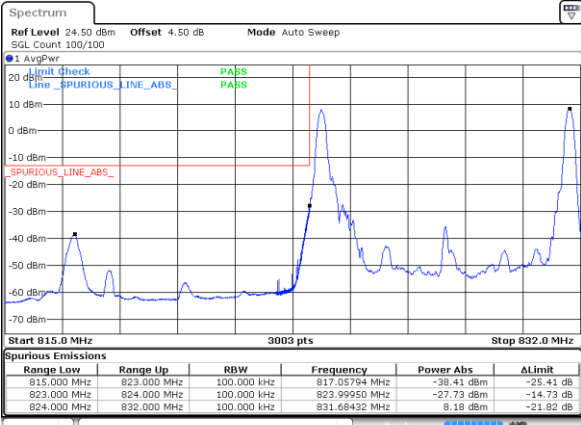


LTE Band 5B / 5MHz+3MHz

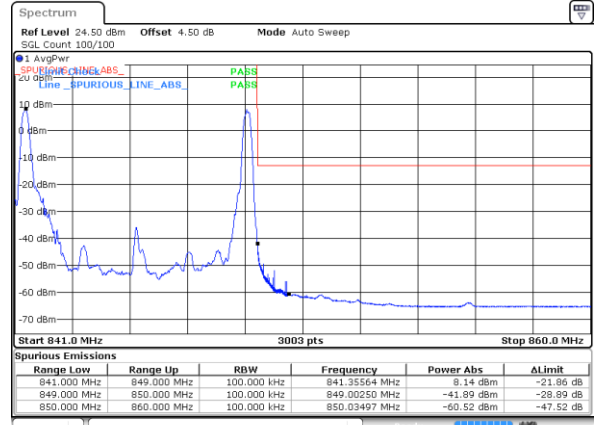
64QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14



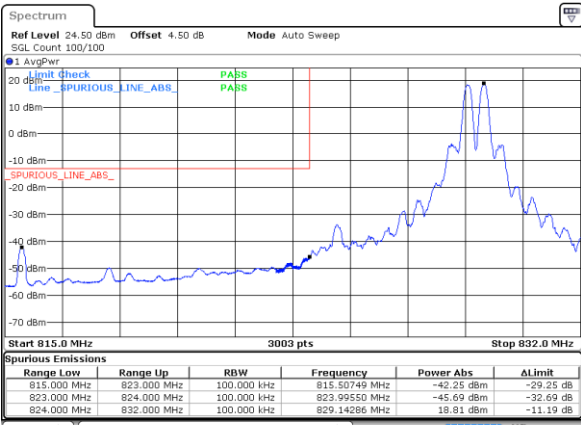
Date: 17 MAY 2022 18:38:48



Date: 17 MAY 2022 21:26:41

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



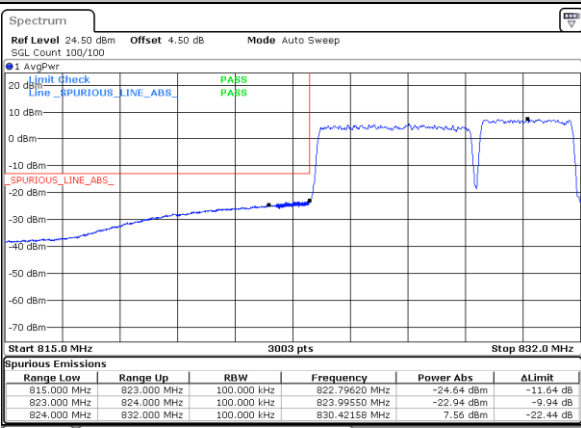
Date: 17 MAY 2022 18:42:53



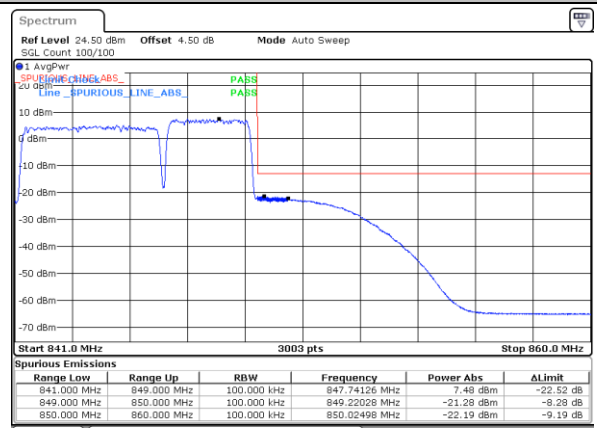
Date: 17 MAY 2022 21:30:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 21:06:21



Date: 17 MAY 2022 21:12:08

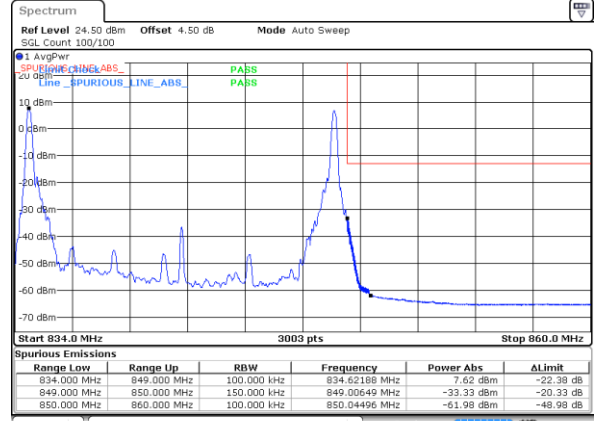
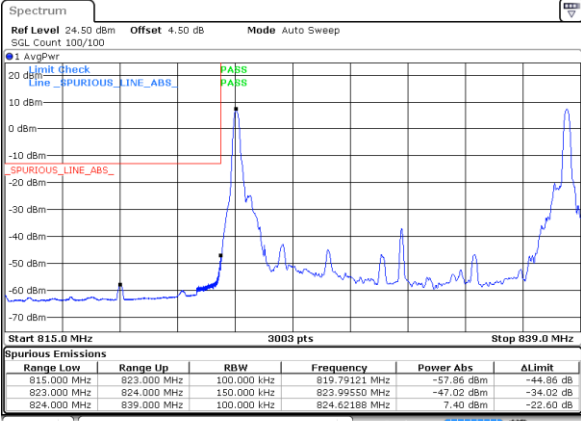


LTE Band 5B / 5MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

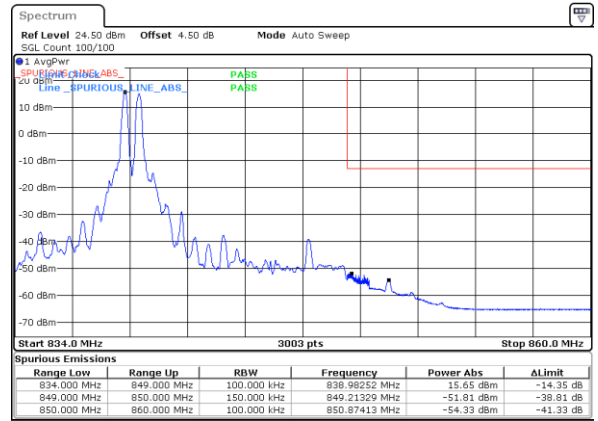
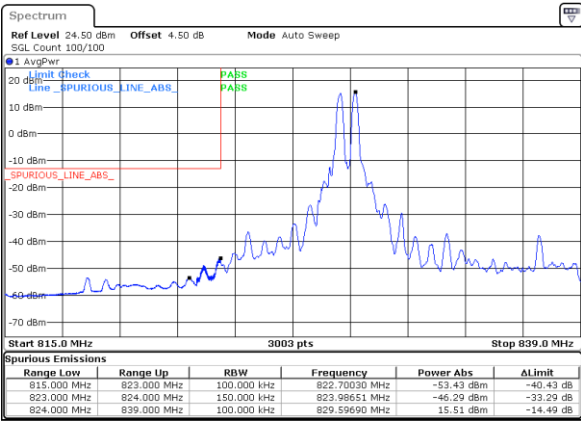


Date: 17 MAY 2022 21:41:39

Date: 17 MAY 2022 21:58:44

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

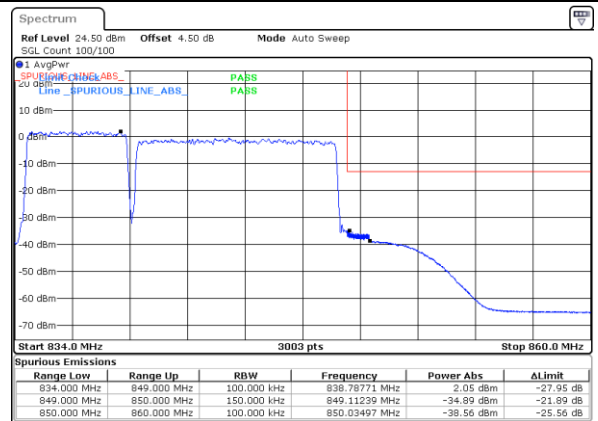
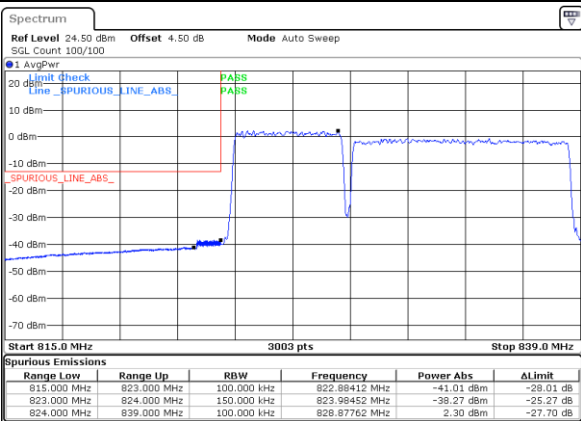


Date: 17 MAY 2022 21:48:08

Date: 17 MAY 2022 21:51:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 21:38:54

Date: 17 MAY 2022 22:01:57

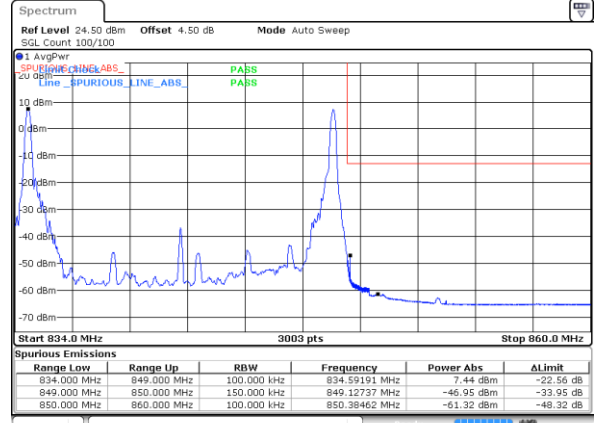
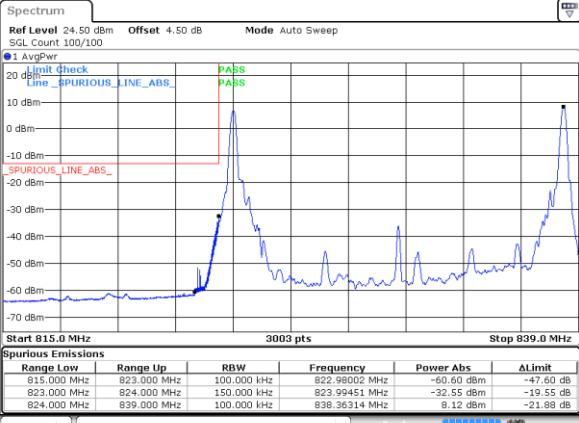


LTE Band 5B / 10MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

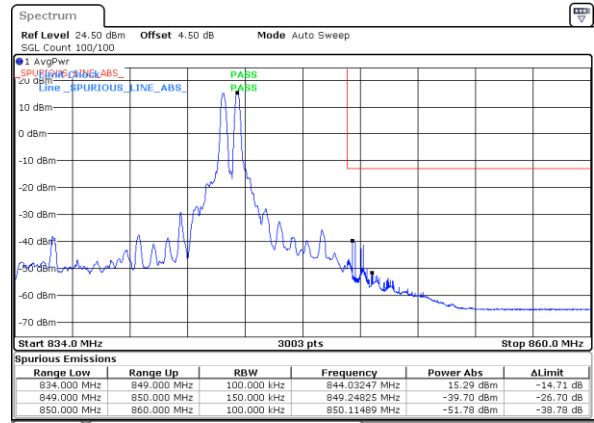
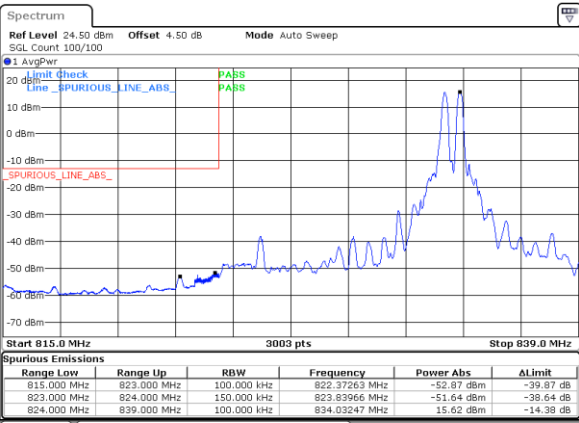


Date: 17 MAY 2022 22:23:13

Date: 17 MAY 2022 22:44:13

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

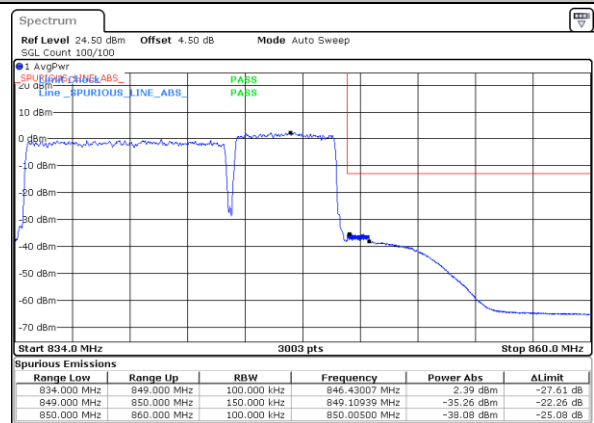
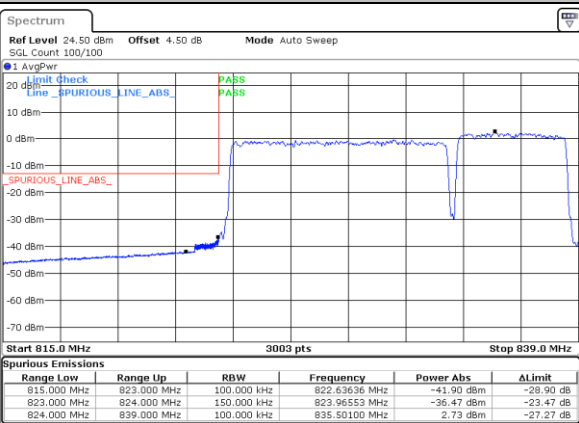


Date: 17 MAY 2022 22:31:46

Date: 17 MAY 2022 22:38:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 22:20:55

Date: 17 MAY 2022 22:48:54

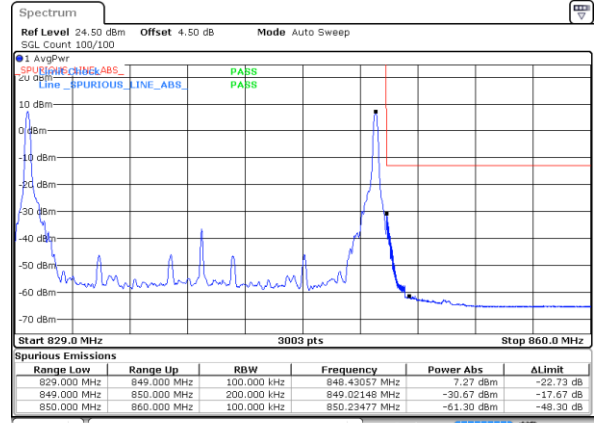
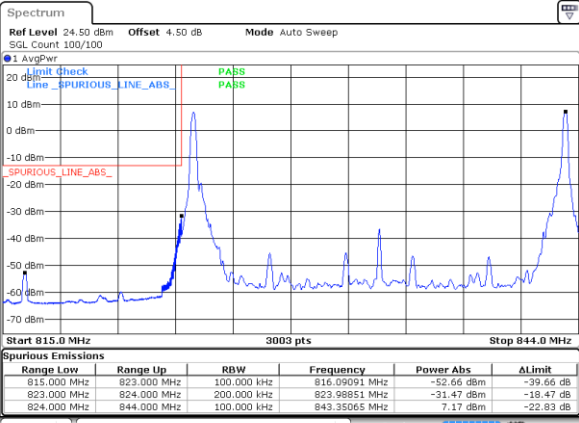


LTE Band 5B / 10MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

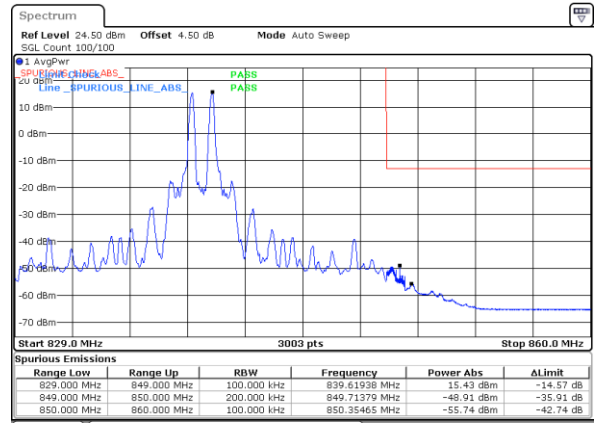
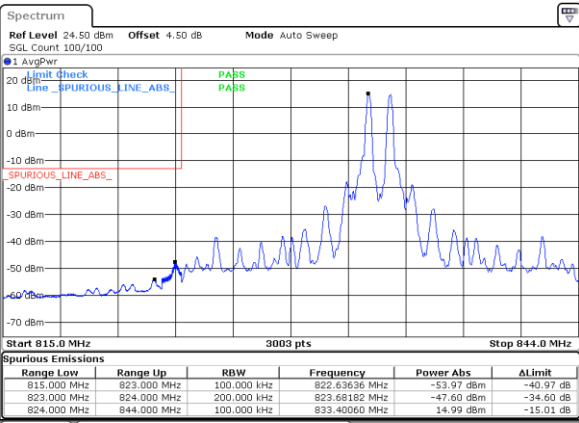


Date: 17 MAY 2022 22:58:36

Date: 17 MAY 2022 23:17:00

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

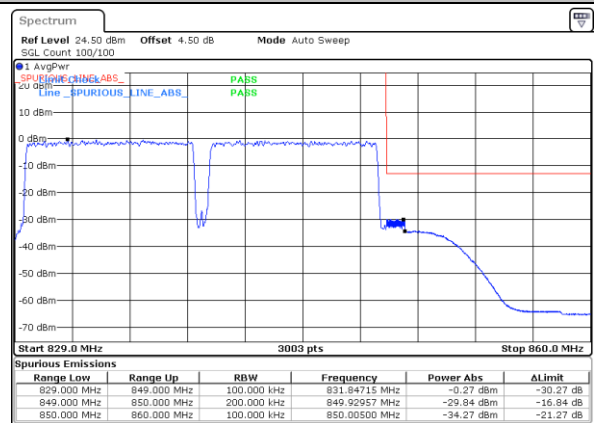
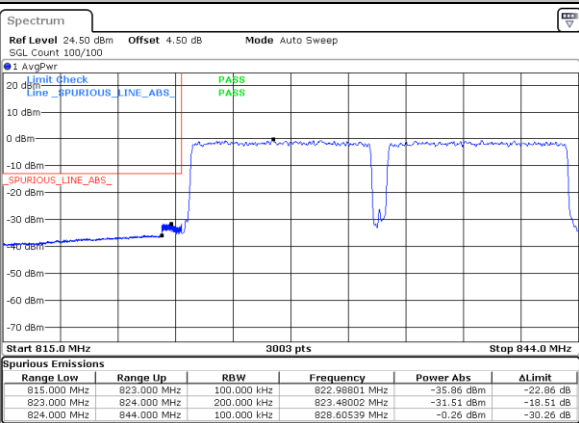


Date: 17 MAY 2022 23:06:39

Date: 17 MAY 2022 23:10:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 22:55:10

Date: 17 MAY 2022 23:20:04

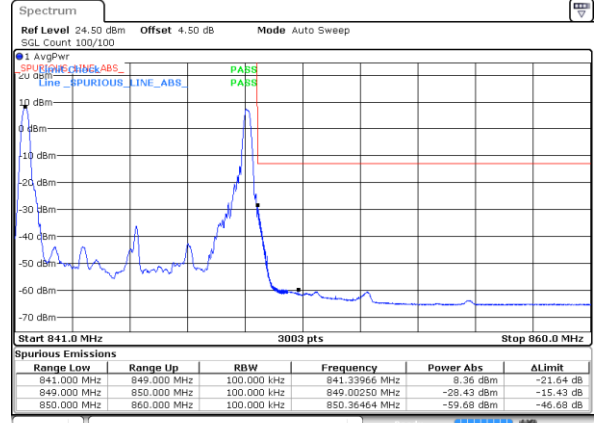
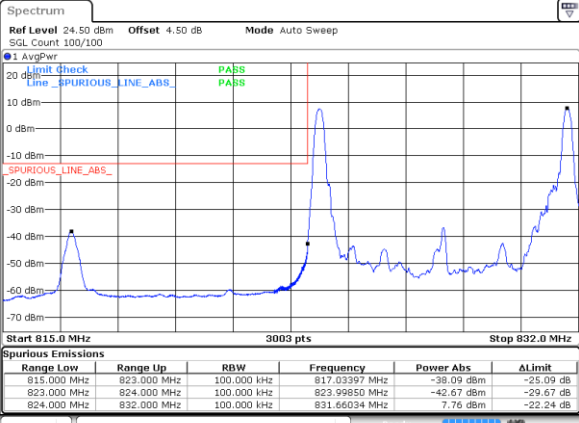


LTE Band 5B / 3MHz+5MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

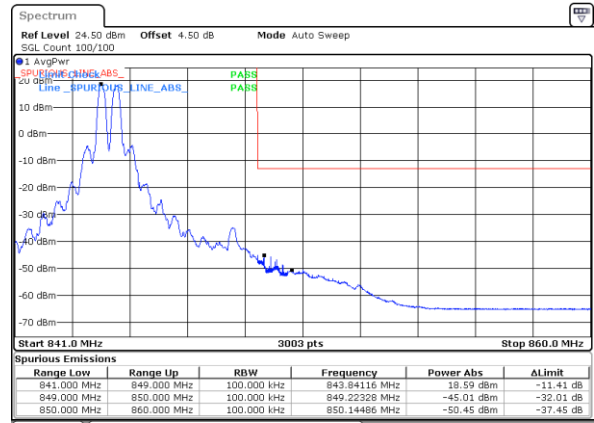
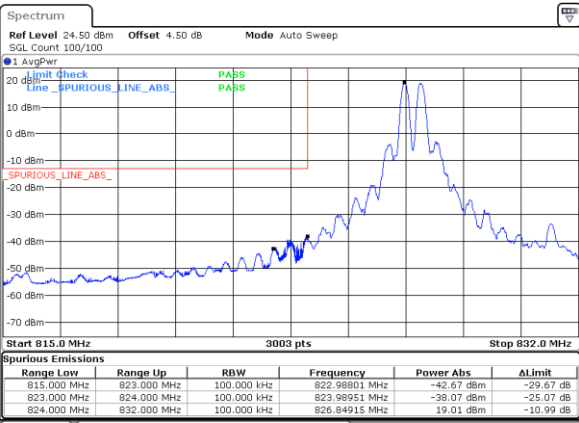


Date: 17 MAY 2022 17:59:58

Date: 17 MAY 2022 18:27:17

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

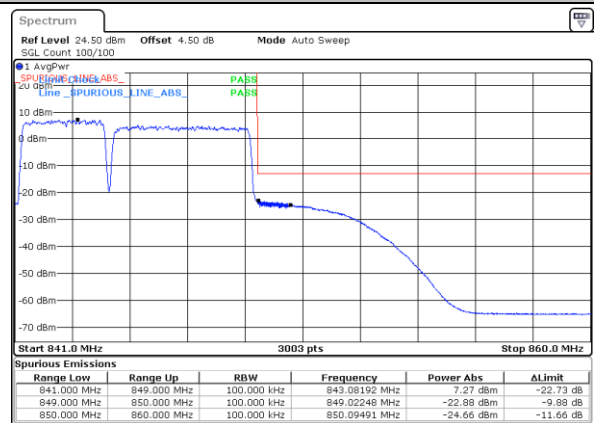
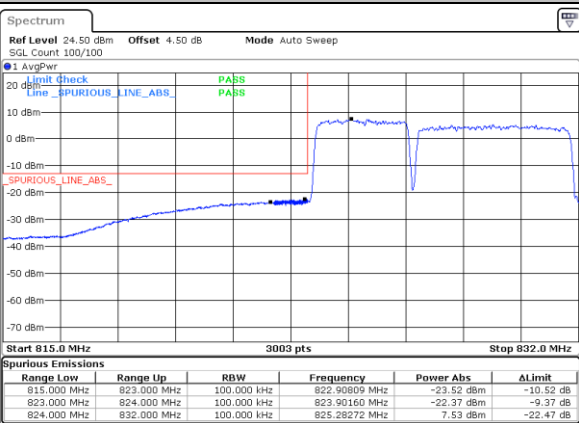


Date: 17 MAY 2022 18:14:08

Date: 17 MAY 2022 18:28:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 17:58:03

Date: 17 MAY 2022 18:18:38

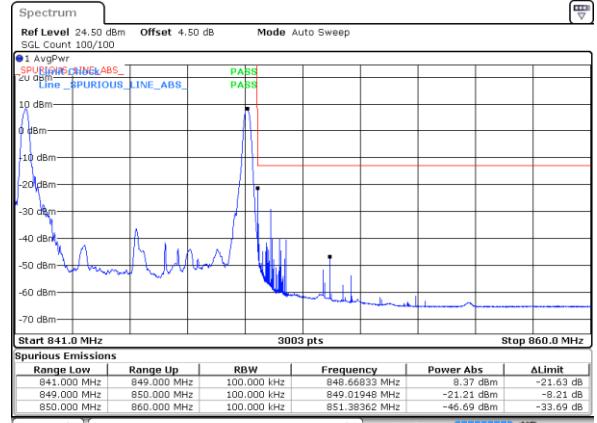
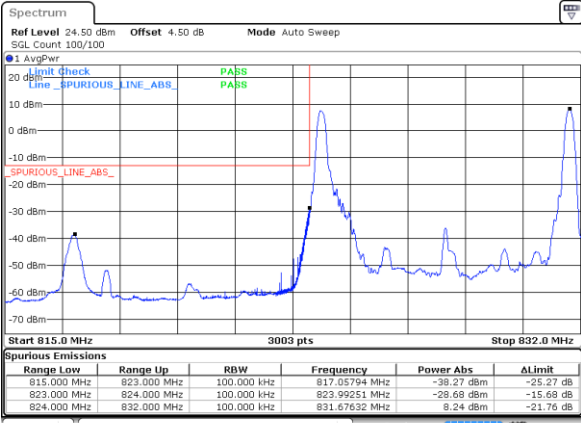


LTE Band 5B / 5MHz+3MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

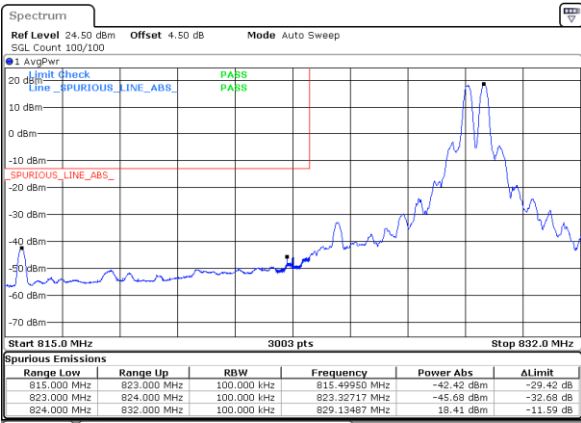


Date: 17 MAY 2022 18:40:04

Date: 17 MAY 2022 21:27:43

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

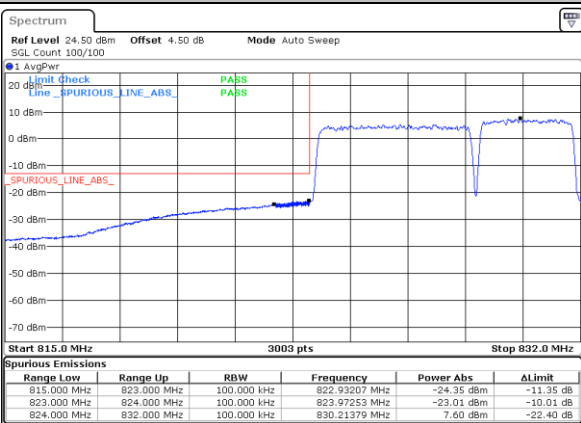


Date: 17 MAY 2022 18:41:38

Date: 17 MAY 2022 21:28:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 21:09:04

Date: 17 MAY 2022 21:10:40



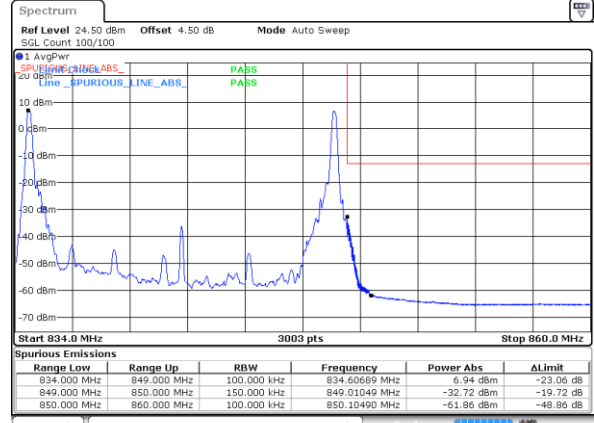
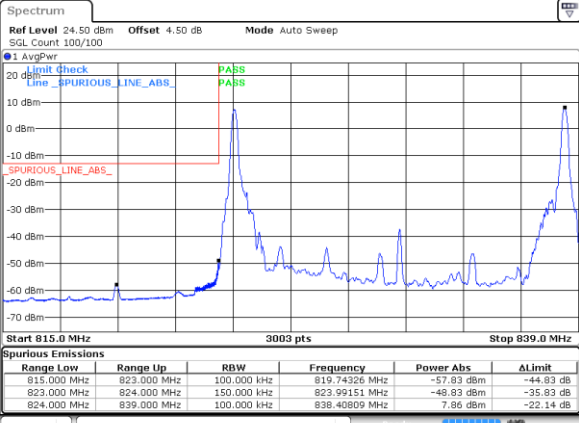


LTE Band 5B / 5MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

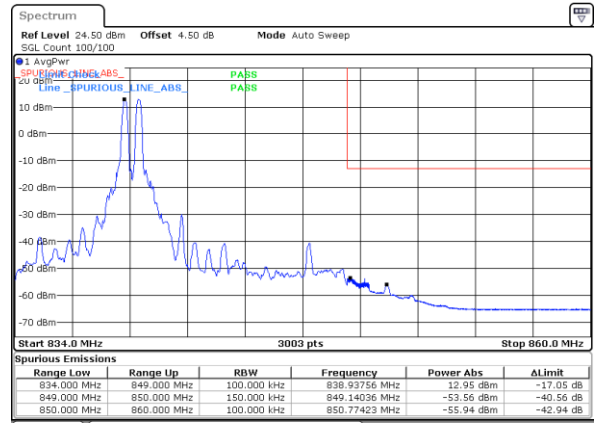
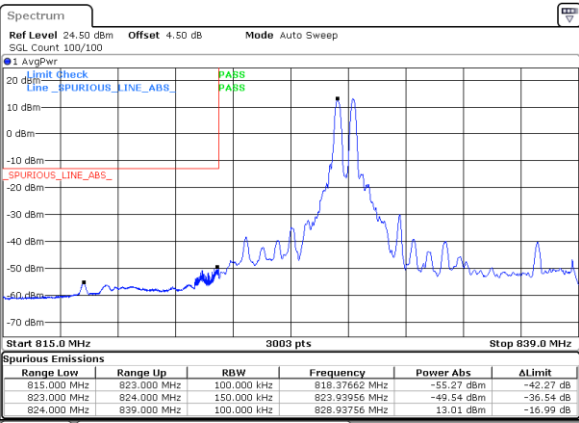


Date: 17 MAY 2022 21:40:47

Date: 17 MAY 2022 21:59:58

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

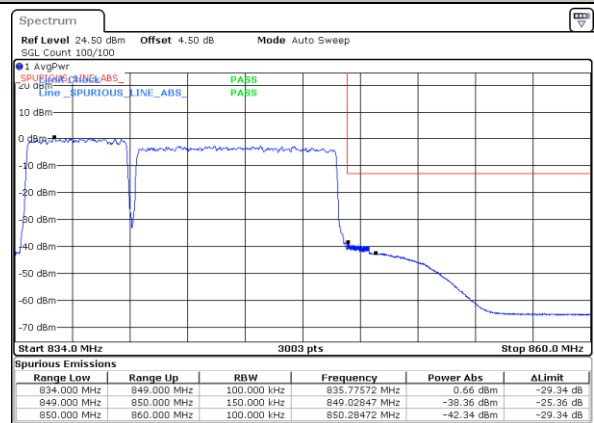
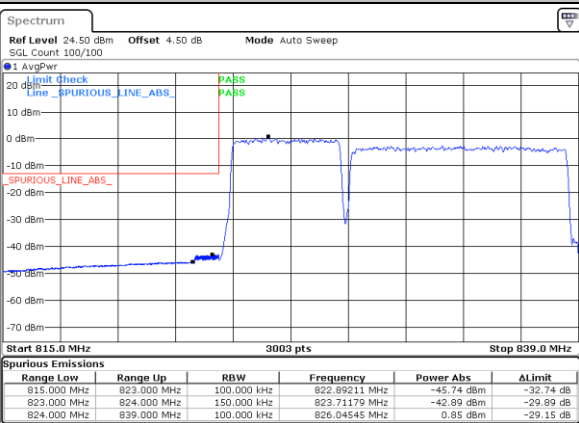


Date: 17 MAY 2022 21:49:13

Date: 17 MAY 2022 21:50:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 21:39:50

Date: 17 MAY 2022 22:01:01

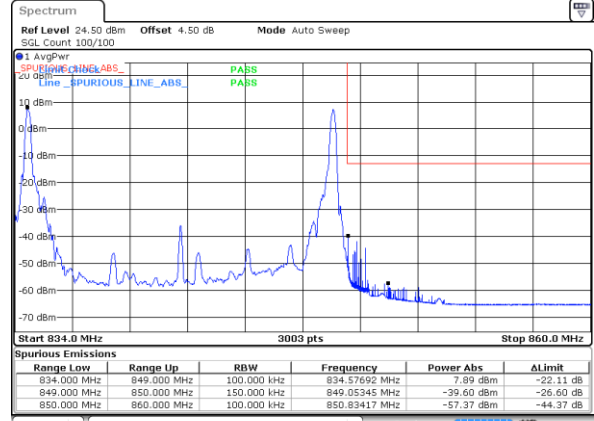
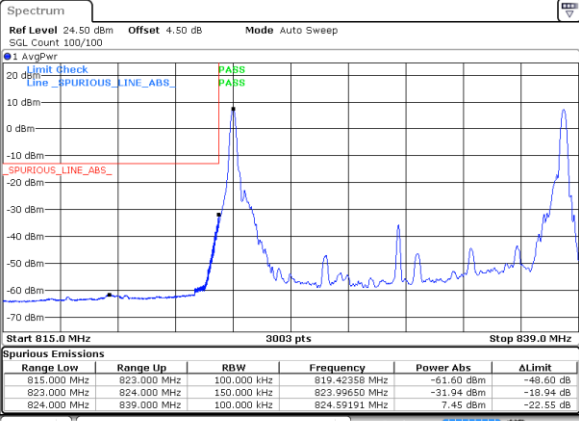


LTE Band 5B / 10MHz+5MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

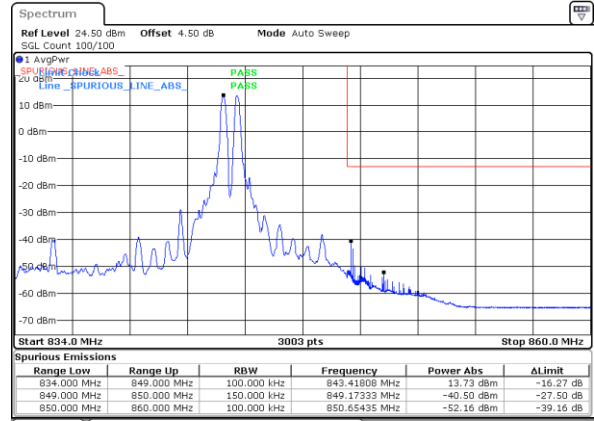
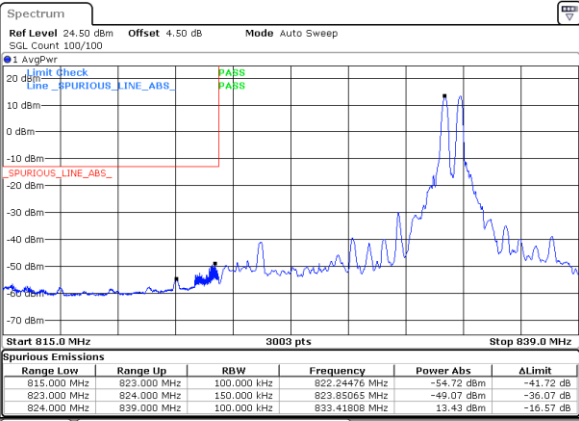


Date: 17 MAY 2022 22:22:22

Date: 17 MAY 2022 22:45:09

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

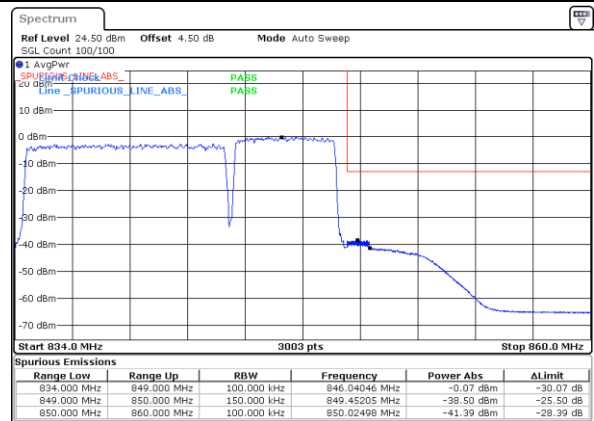
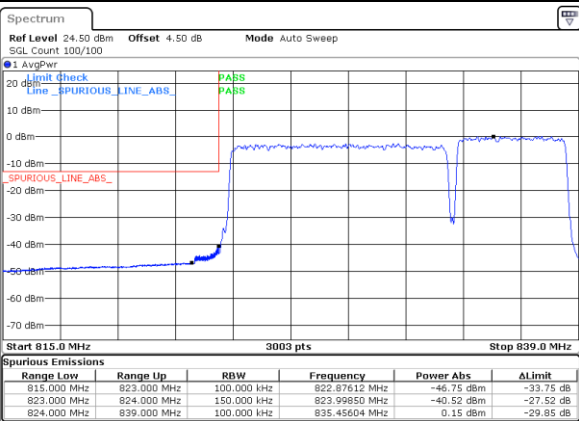


Date: 17 MAY 2022 22:32:51

Date: 17 MAY 2022 22:34:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 22:21:28

Date: 17 MAY 2022 22:47:12

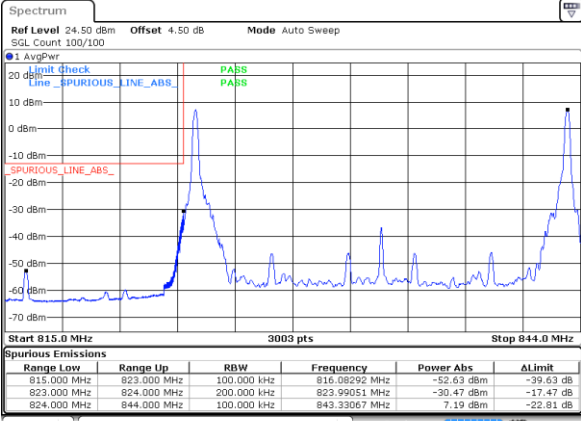


LTE Band 5B / 10MHz+10MHz

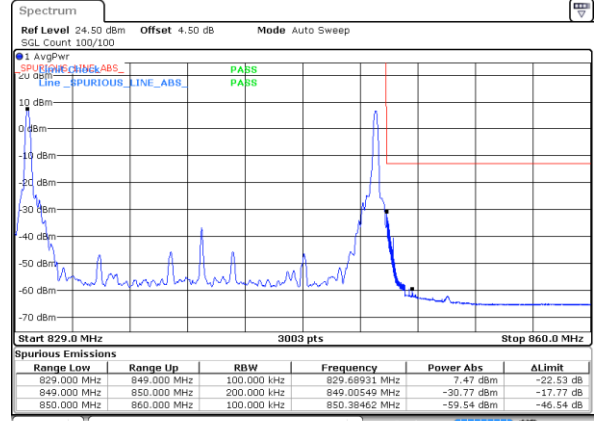
256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



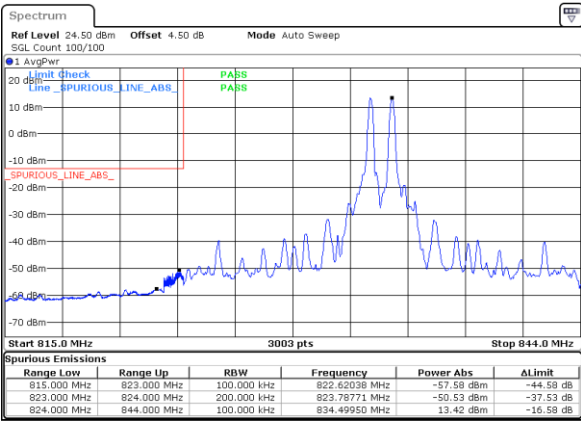
Date: 17 MAY 2022 22:57:45



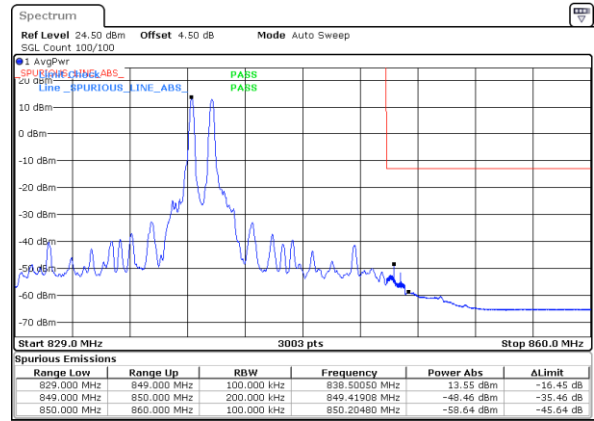
Date: 17 MAY 2022 23:18:12

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



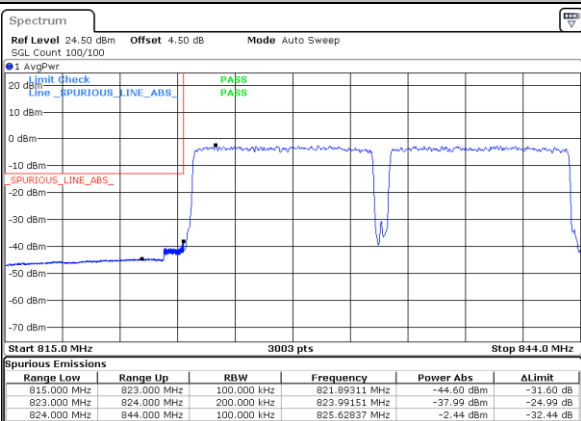
Date: 17 MAY 2022 23:07:40



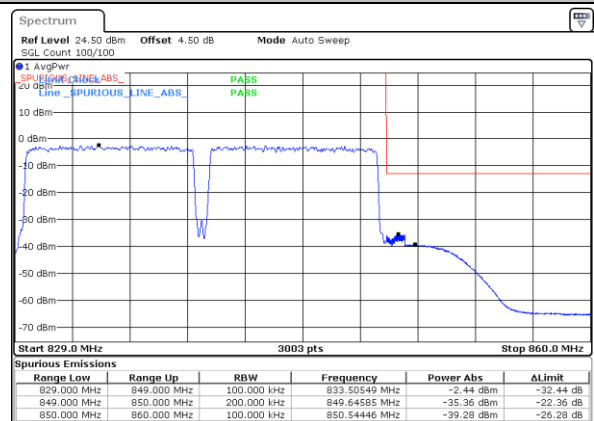
Date: 17 MAY 2022 23:08:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 17 MAY 2022 22:56:46



Date: 17 MAY 2022 23:19:09



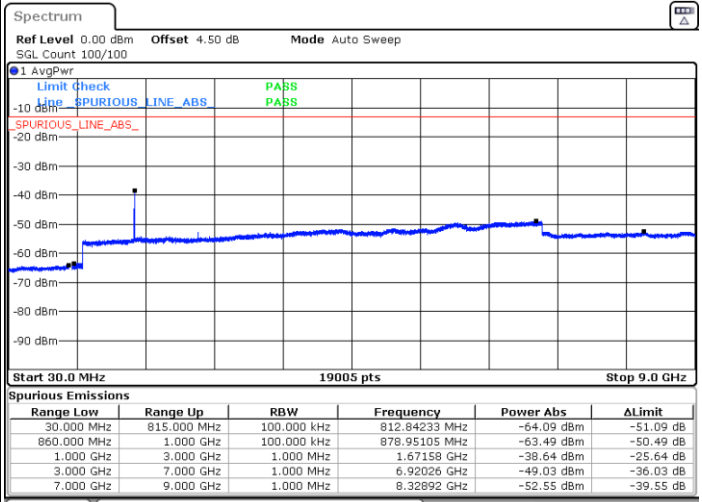
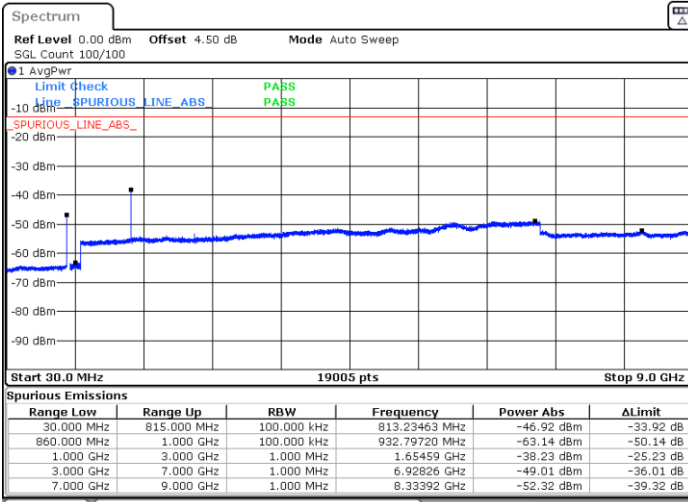
# Conducted Spurious Emission

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

### QPSK

#### Lowest Channel / 1RB14 and 1RB0

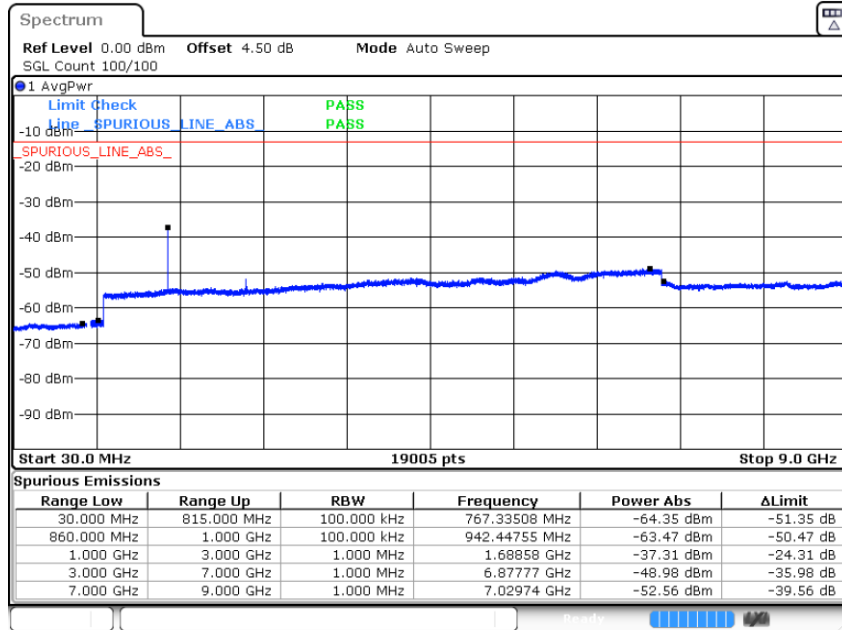
#### Middle Channel / 1RB14 and 1RB0



Date: 2 MAY 2022 21:24:37

Date: 2 MAY 2022 21:59:04

#### Highest Channel / 1RB14 and 1RB0



Date: 2 MAY 2022 22:00:50

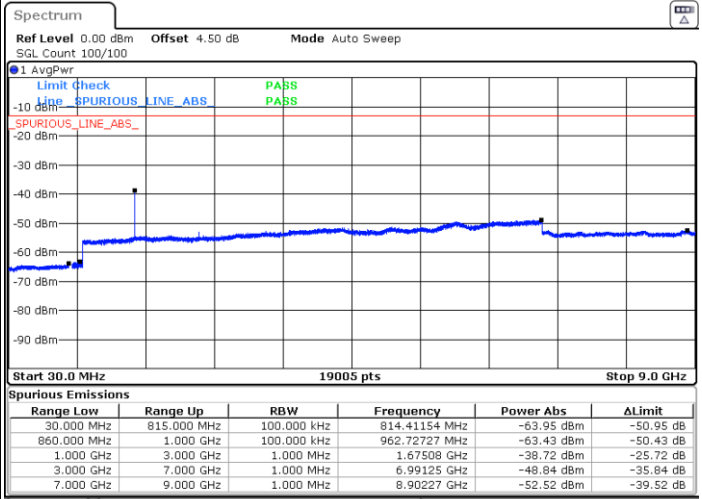
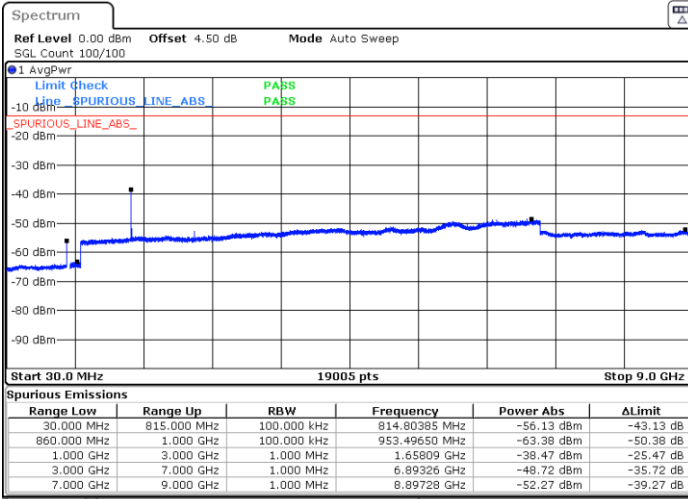


LTE Band 5B / 5MHz+3MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

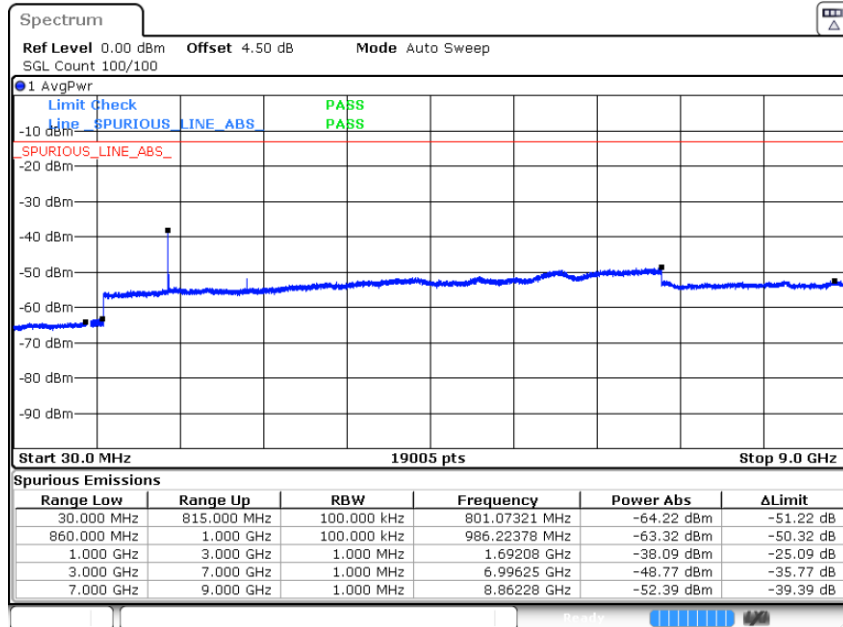
Middle Channel / 1RB24 and 1RB0



Date: 2 MAY 2022 22:33:18

Date: 2 MAY 2022 22:46:01

Highest Channel / 1RB24 and 1RB0



Date: 2 MAY 2022 22:46:59

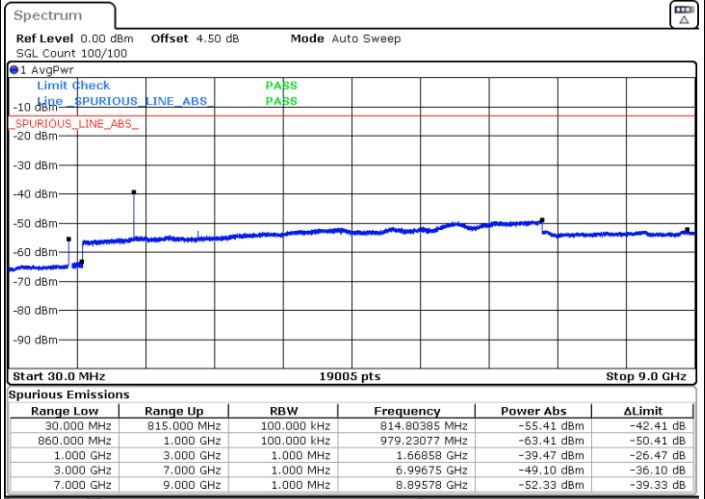
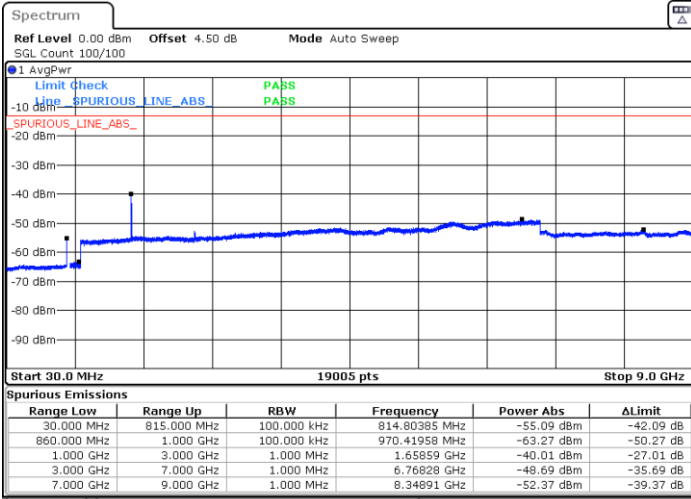


LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

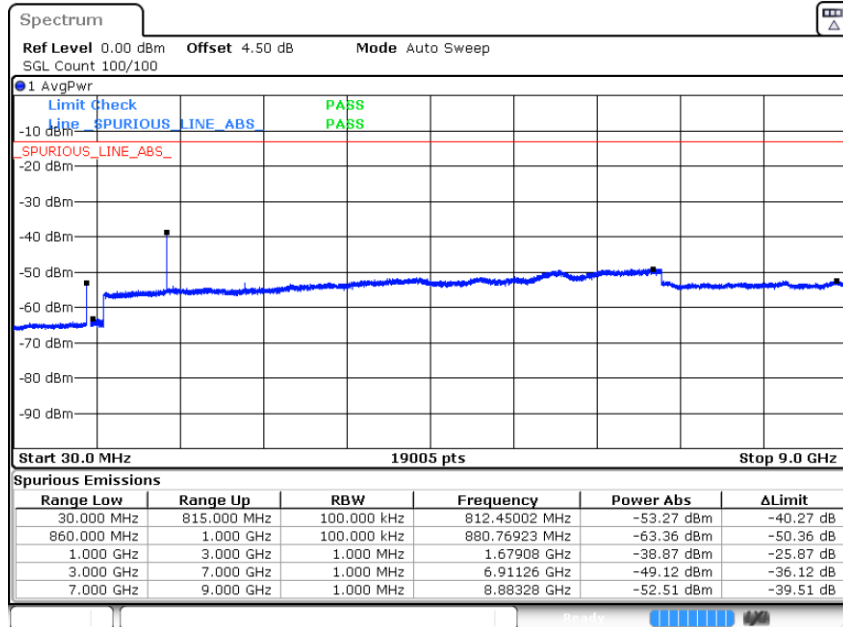
Middle Channel / 1RB24 and 1RB0



Date: 2 MAY 2022 23:25:01

Date: 2 MAY 2022 23:26:04

Highest Channel / 1RB24 and 1RB0



Date: 2 MAY 2022 23:27:08

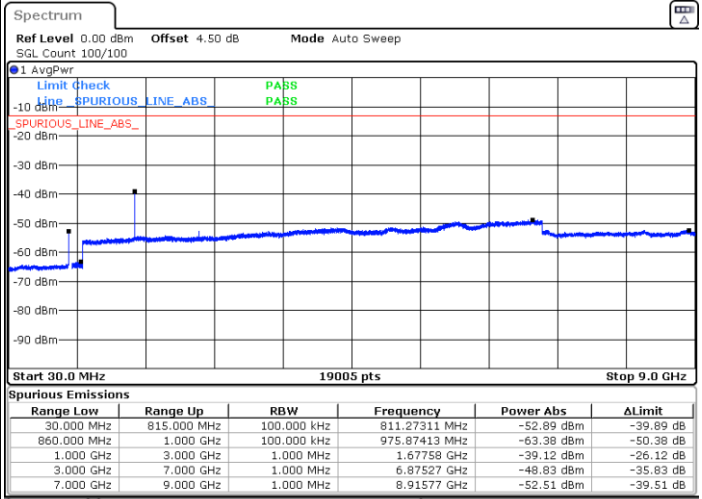
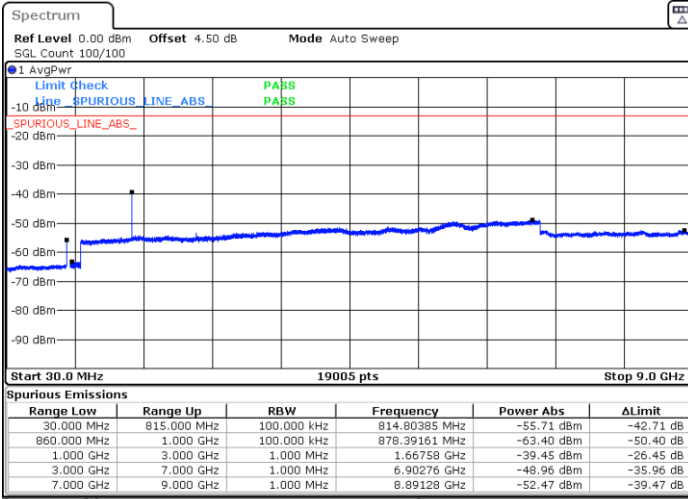


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

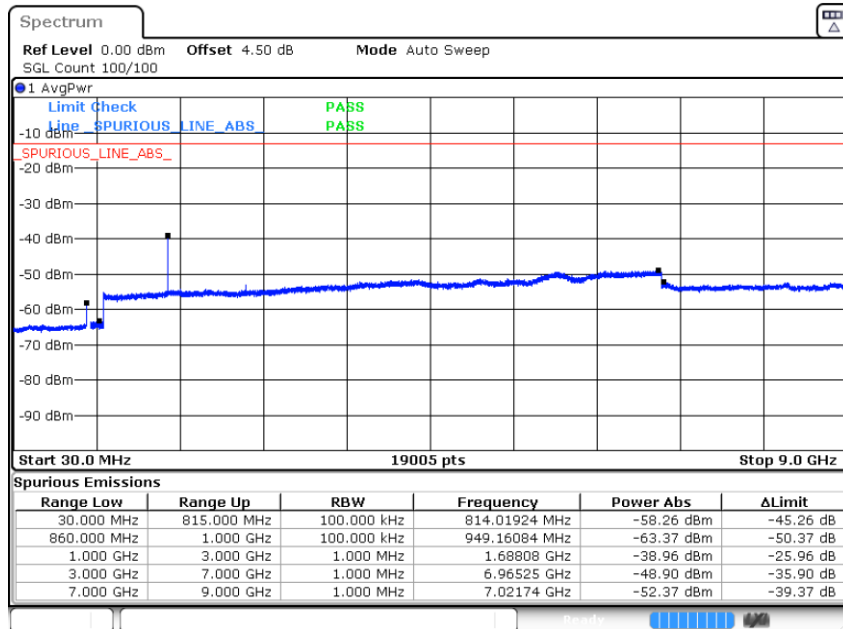
Middle Channel / 1RB49 and 1RB0



Date: 3.MAY.2022 00:03:50

Date: 3.MAY.2022 00:04:54

Highest Channel / 1RB49 and 1RB0



Date: 3.MAY.2022 00:05:57

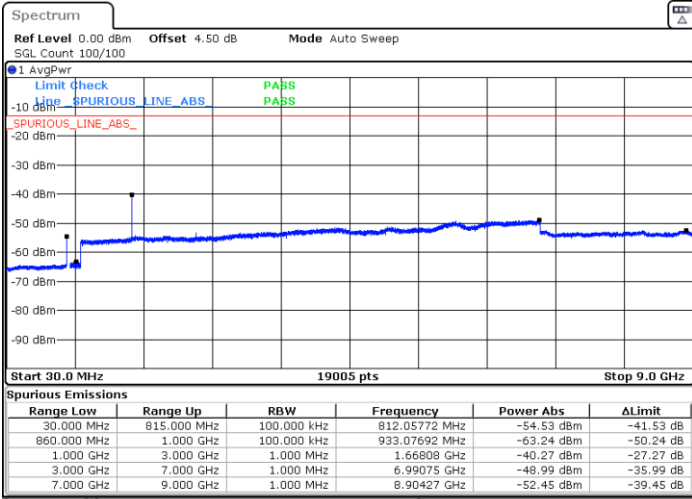


LTE Band 5B / 10MHz+10MHz

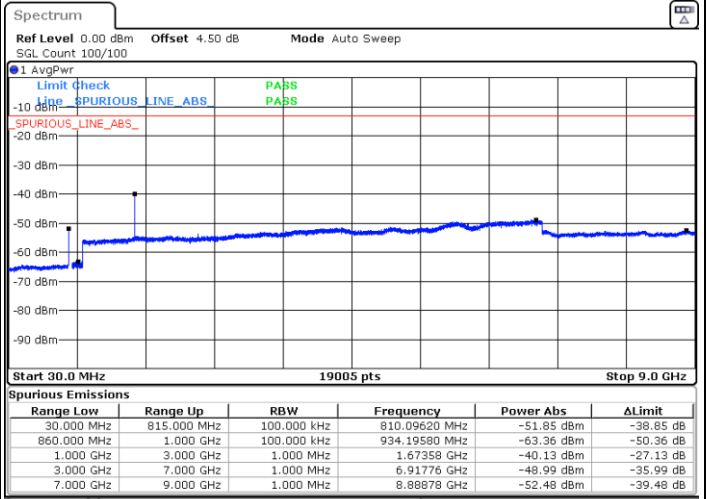
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

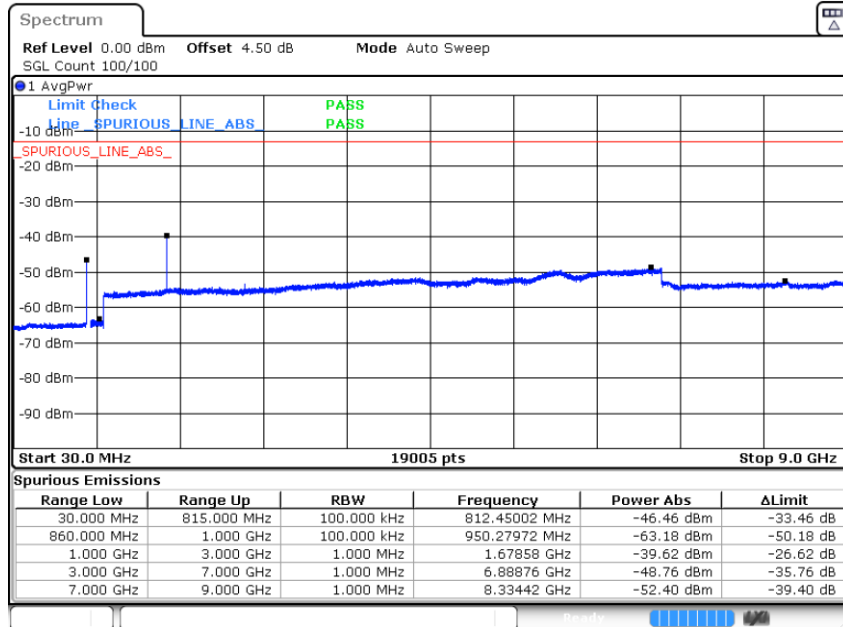


Date: 3 MAY 2022 00:50:29



Date: 3 MAY 2022 00:51:32

Highest Channel / 1RB49 and 1RB0



Date: 3 MAY 2022 00:52:36





Frequency Stability

Test Conditions		LTE Band 5B (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz+10MHZ	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0010	

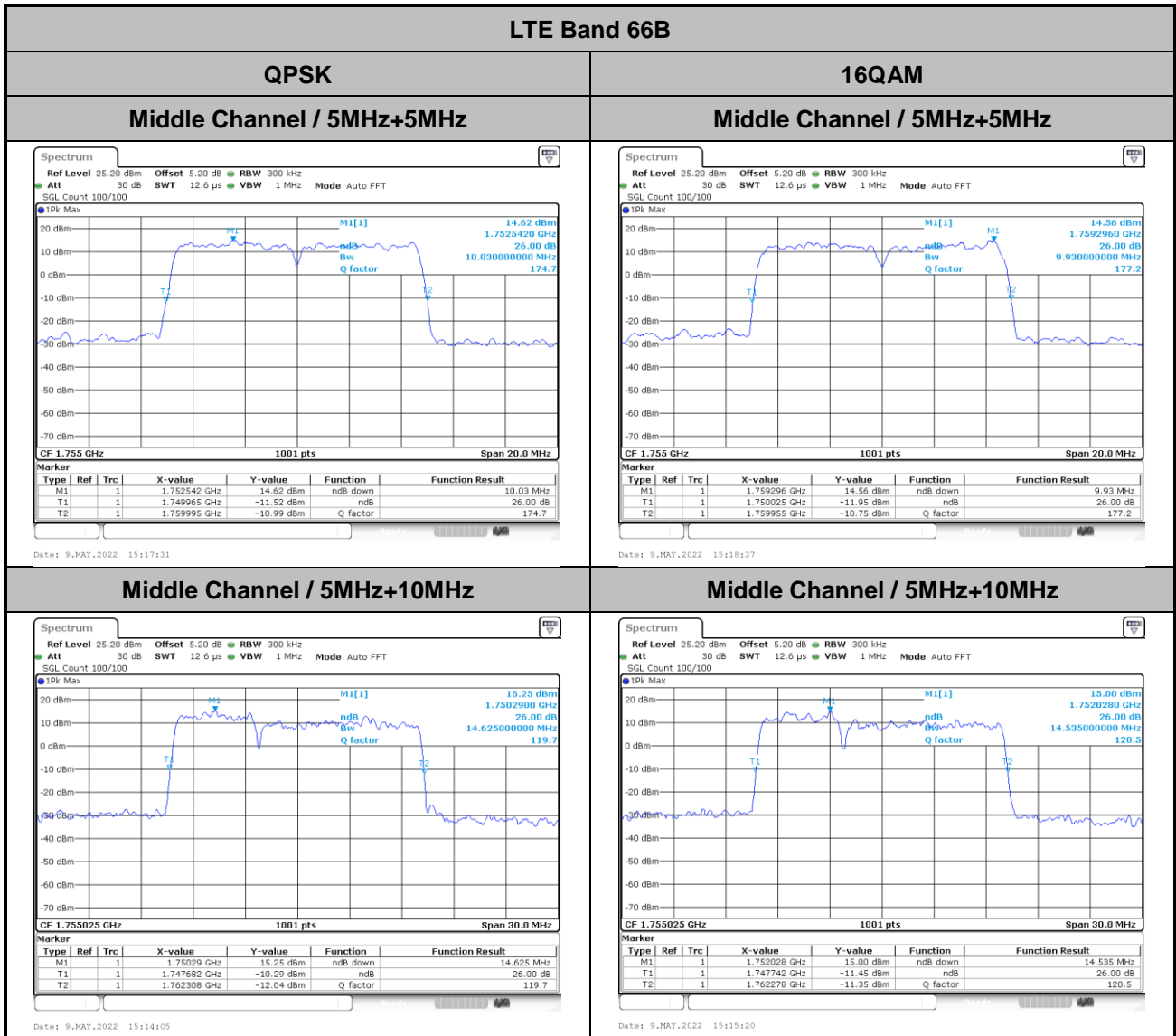
Note: Normal Voltage =3.89V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.48 V.



# LTE Band 66B

## 26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	10.03	9.93
Mode	LTE Band 66B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	14.63	14.54
Mode	LTE Band 66B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+15MHz	5MHz+15MHz
Middle CH	18.98	18.98
Mode	LTE Band 66B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	10MHz+5MHz	10MHz+5MHz
Middle CH	14.60	14.63
Mode	LTE Band 66B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	19.82	19.58
Mode	LTE Band 66B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	15MHz+5MHz	15MHz+5MHz
Middle CH	19.06	18.98





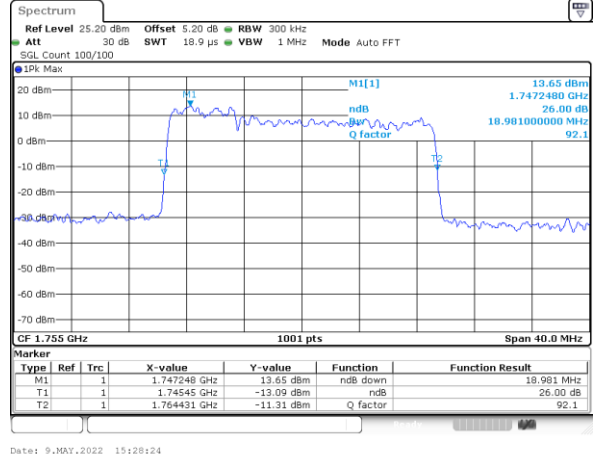
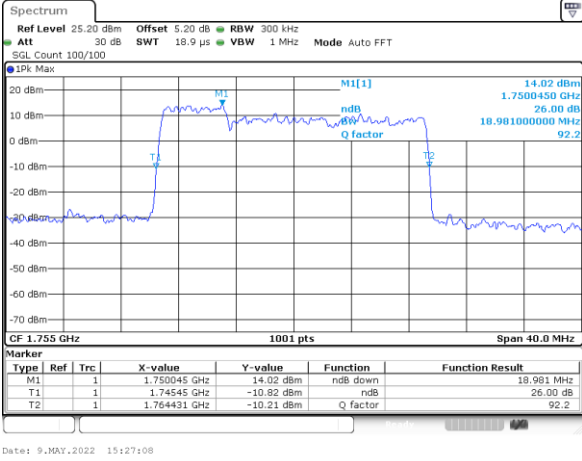
LTE Band 66B

QPSK

16QAM

Middle Channel / 5MHz+15MHz

Middle Channel / 5MHz+15MHz

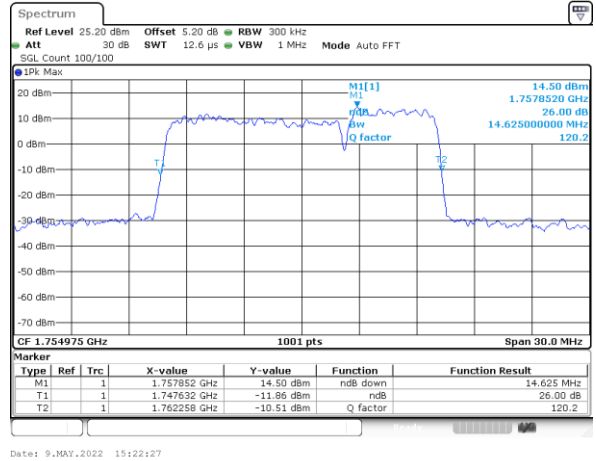
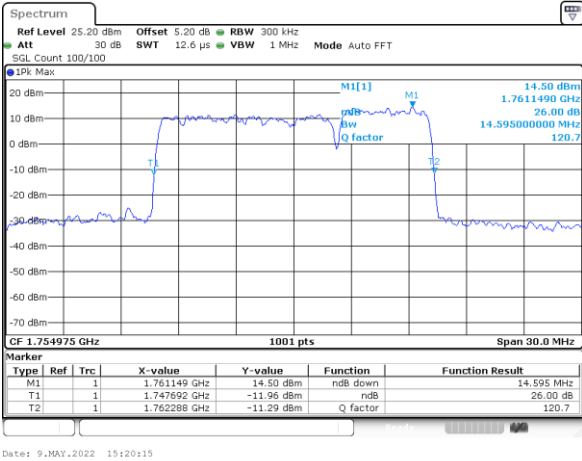


Date: 9.MAY.2022 15:27:08

Date: 9.MAY.2022 15:28:24

Middle Channel / 10MHz+5MHz

Middle Channel / 10MHz+5MHz



Date: 9.MAY.2022 15:20:15

Date: 9.MAY.2022 15:22:27



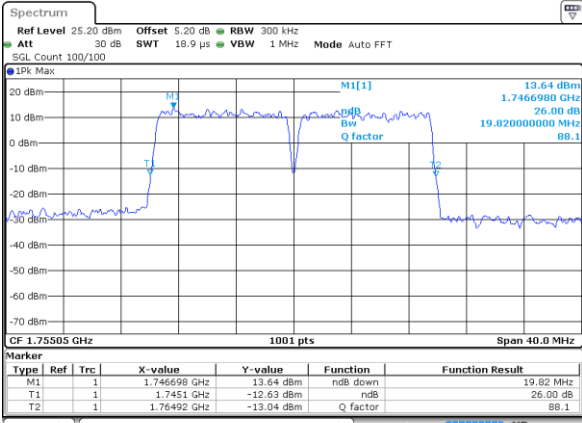
LTE Band 66B

QPSK

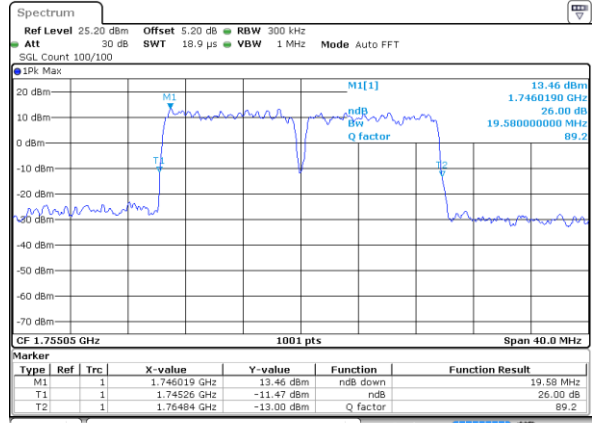
16QAM

Middle Channel / 10MHz+10MHz

Middle Channel / 10MHz+10MHz



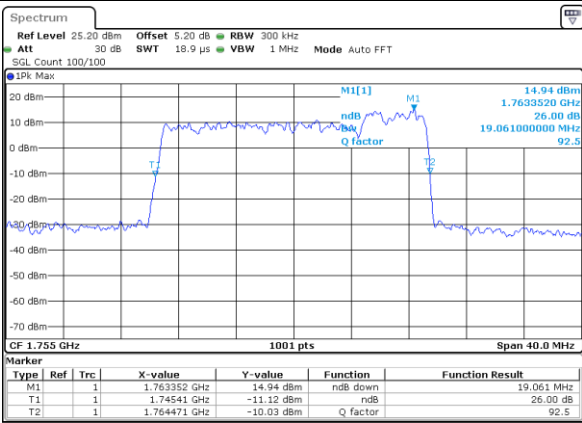
Date: 4 MAY 2022 02:30:42



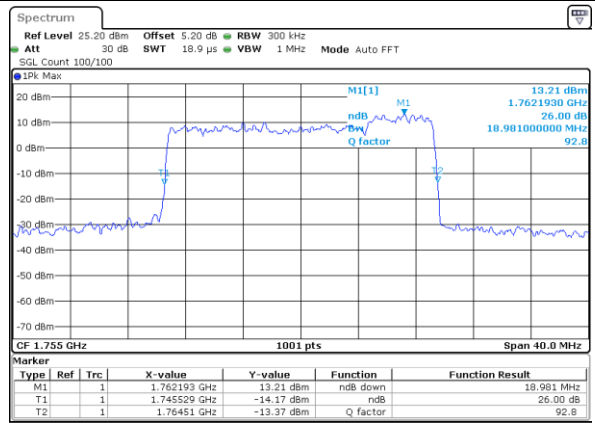
Date: 4 MAY 2022 02:39:43

Middle Channel / 15MHz+5MHz

Middle Channel / 15MHz+5MHz



Date: 9 MAY 2022 15:31:31

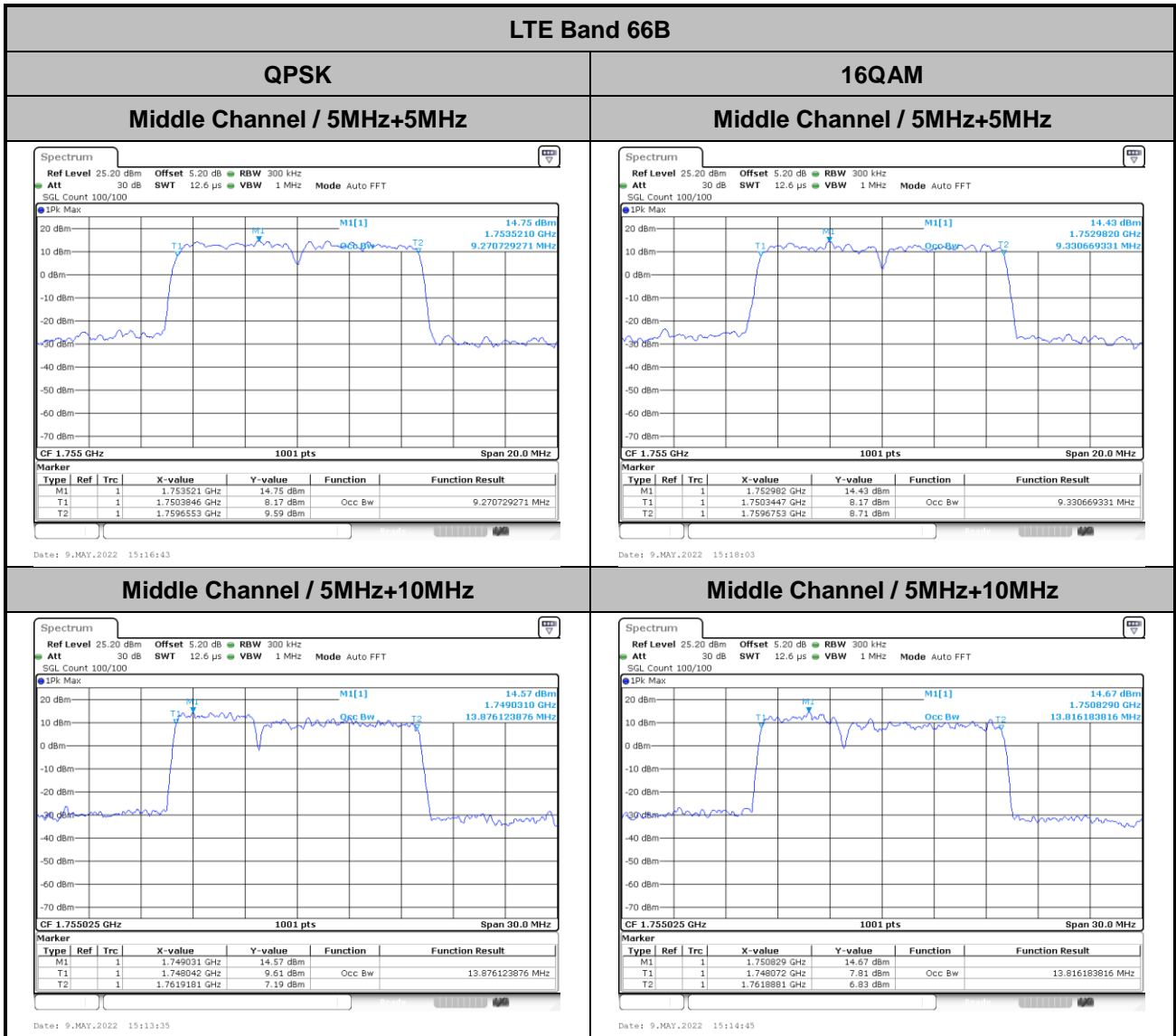


Date: 9 MAY 2022 15:33:18



### Occupied Bandwidth

Mode	LTE Band 66B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	9.27	9.33
Mode	LTE Band 66B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	13.88	13.82
Mode	LTE Band 66B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+15MHz	5MHz+15MHz
Middle CH	18.14	18.22
Mode	LTE Band 66B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	10MHz+5MHz	10MHz+5MHz
Middle CH	13.85	13.94
Mode	LTE Band 66B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	18.78	18.78
Mode	LTE Band 66B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	15MHz+5MHz	15MHz+5MHz
Middle CH	18.22	18.26





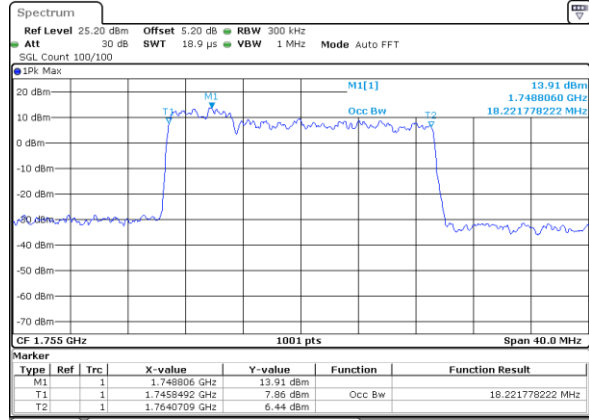
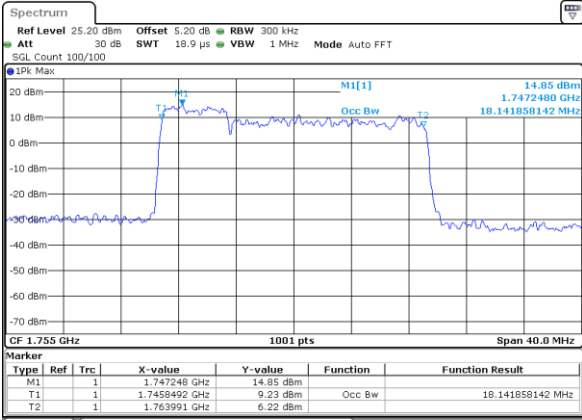
LTE Band 66B

QPSK

16QAM

Middle Channel / 5MHz+15MHz

Middle Channel / 5MHz+15MHz

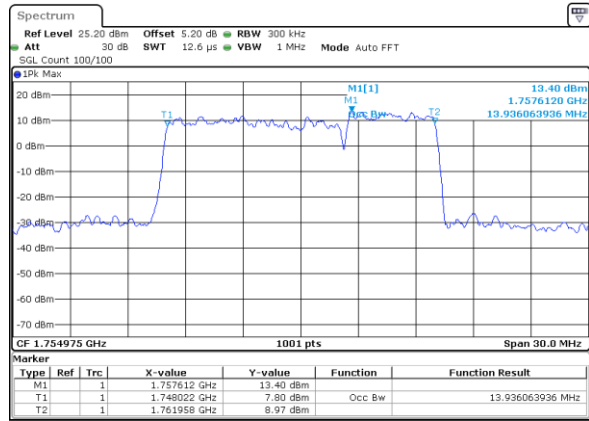
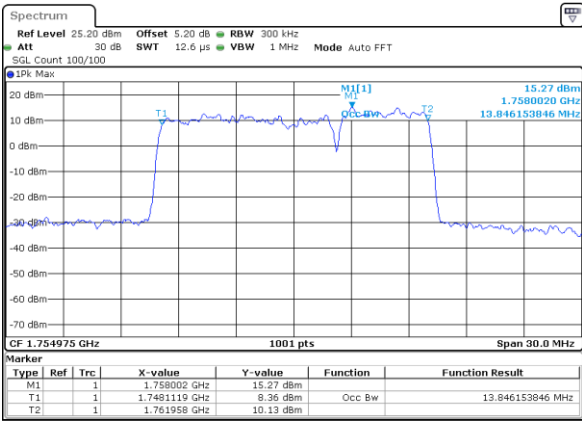


Date: 9.MAY.2022 15:26:26

Date: 9.MAY.2022 15:27:45

Middle Channel / 10MHz+5MHz

Middle Channel / 10MHz+5MHz



Date: 9.MAY.2022 15:20:43

Date: 9.MAY.2022 15:21:56





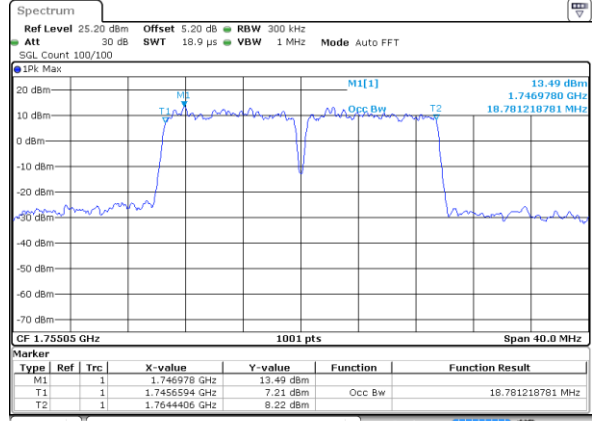
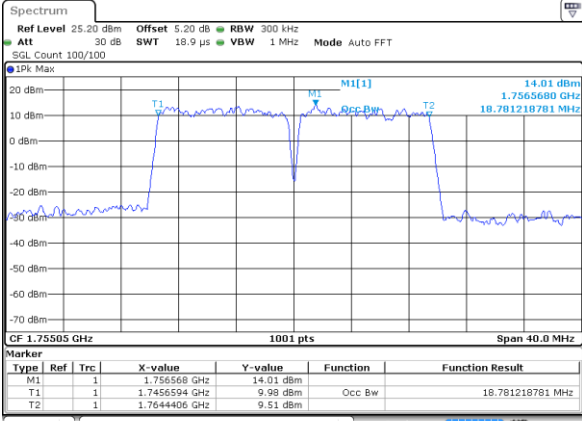
LTE Band 66B

QPSK

16QAM

Middle Channel / 10MHz+10MHz

Middle Channel / 10MHz+10MHz

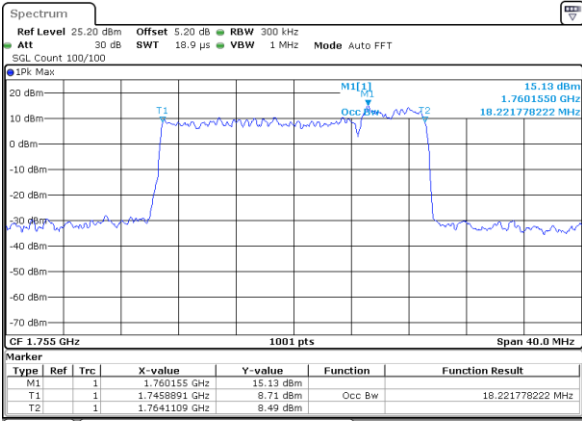


Date: 4 MAY 2022 02:40:25

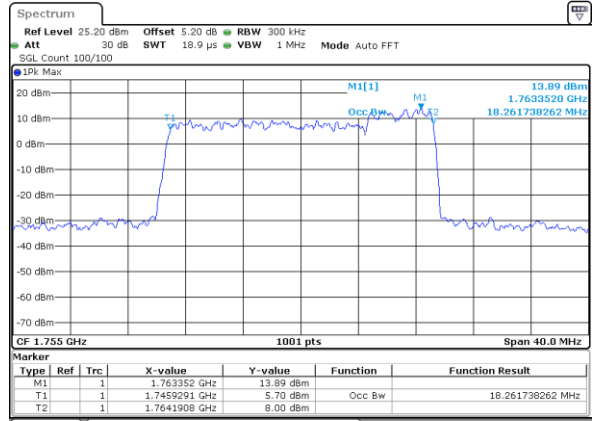
Date: 4 MAY 2022 02:31:36

Middle Channel / 15MHz+5MHz

Middle Channel / 15MHz+5MHz



Date: 9 MAY 2022 15:31:00



Date: 9 MAY 2022 15:32:36

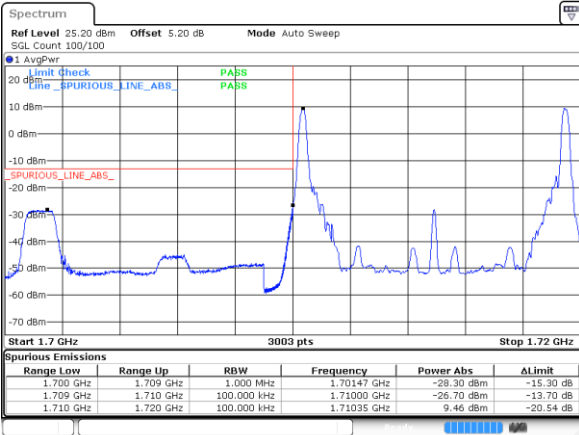


# Conducted Band Edge

## LTE Band 66B / 5MHz+5MHz

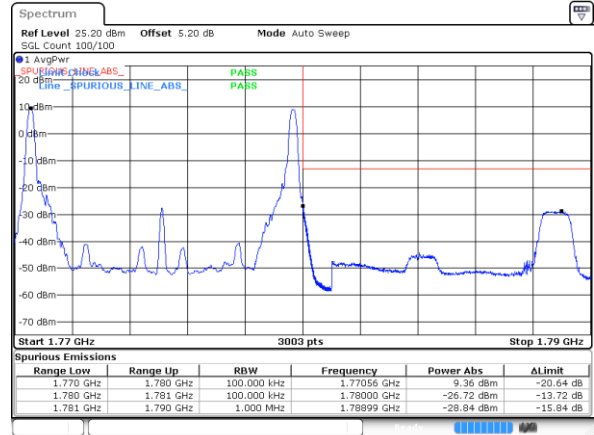
### QPSK

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



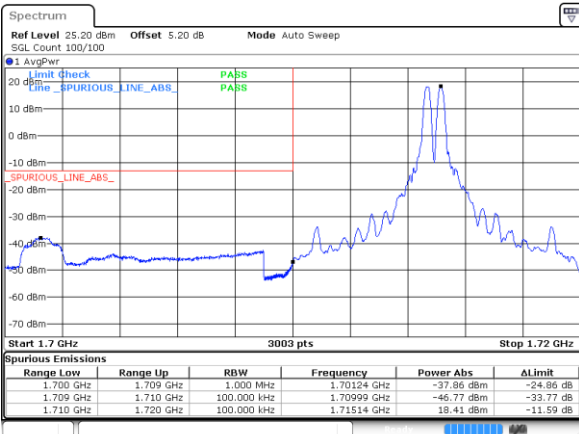
Date: 3 MAY 2022 23:37:55

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



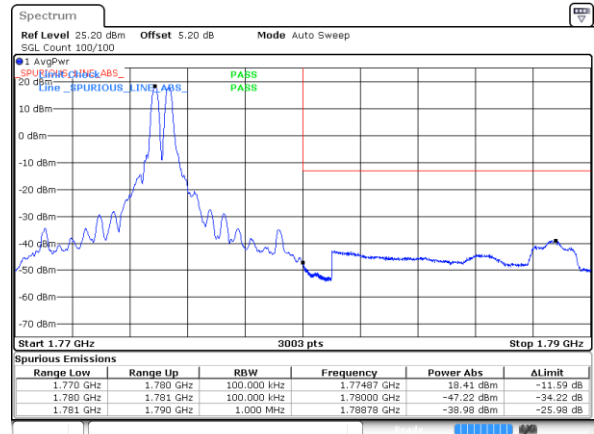
Date: 4 MAY 2022 00:07:31

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



Date: 3 MAY 2022 23:38:56

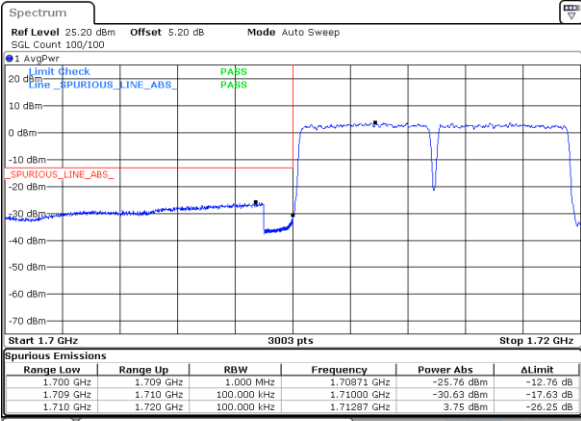
#### Highest Band Edge / 1RBMAX and 1RB0



Date: 4 MAY 2022 00:02:23

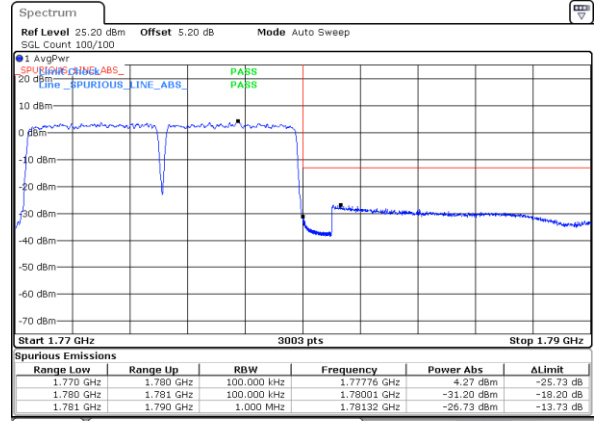


Lowest Band Edge / Full RB



Date: 3 MAY 2022 23:32:46

Highest Band Edge / Full RB



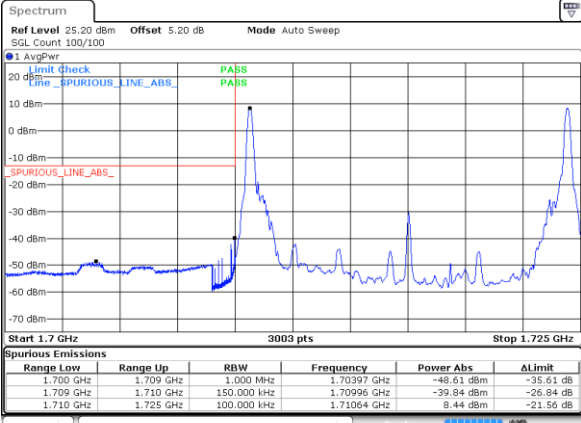
Date: 4 MAY 2022 00:08:32



LTE Band 66B / 5MHz+10MHz

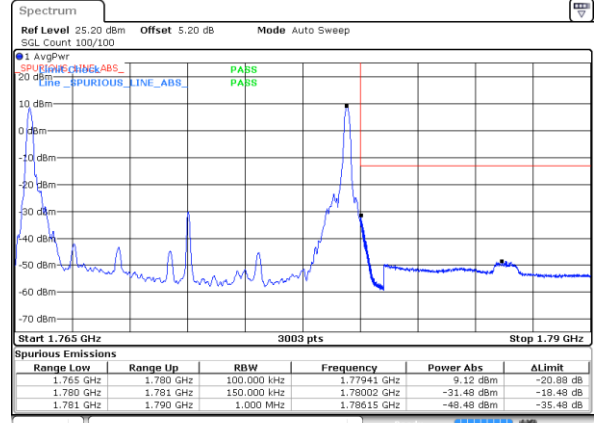
QPSK

Lowest Band Edge / 1RB0 and 1RBMAX



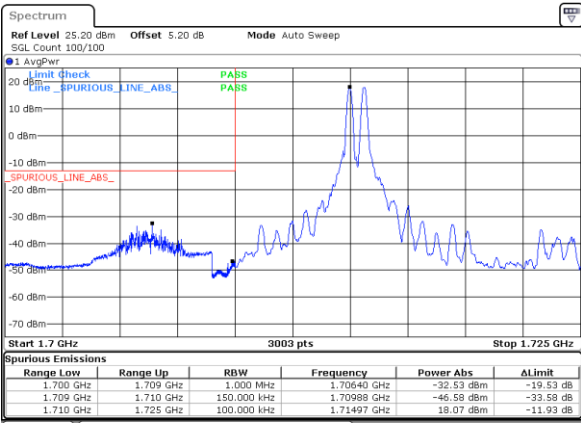
Date: 4 MAY 2022 00:22:01

Highest Band Edge / 1RB0 and 1RBMAX



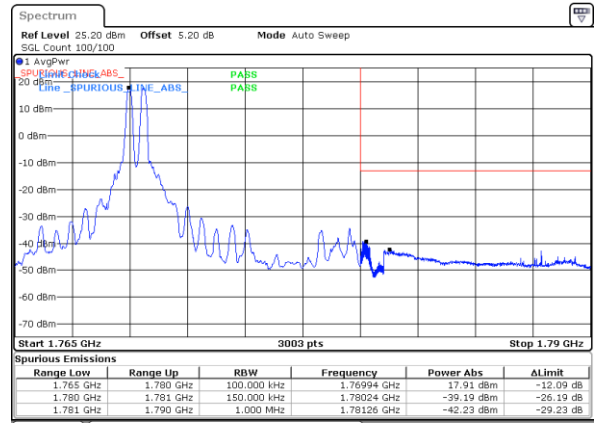
Date: 4 MAY 2022 00:35:12

Lowest Band Edge / 1RBMAX and 1RB0



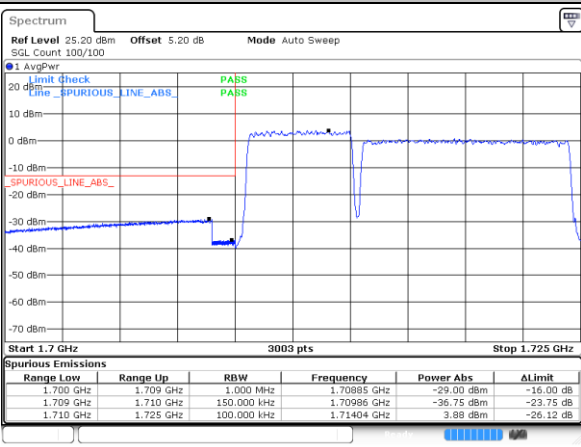
Date: 4 MAY 2022 00:23:03

Highest Band Edge / 1RBMAX and 1RB0



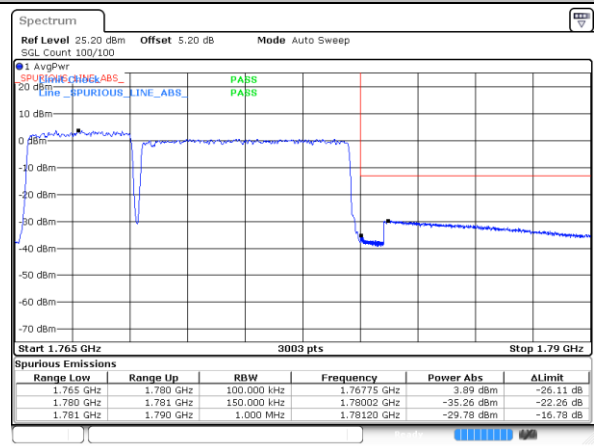
Date: 4 MAY 2022 00:30:04

Lowest Band Edge / Full RB



Date: 4 MAY 2022 00:16:53

Highest Band Edge / Full RB



Date: 4 MAY 2022 00:36:13