

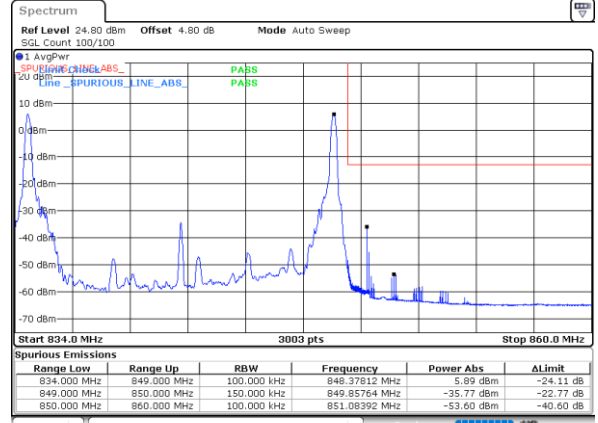
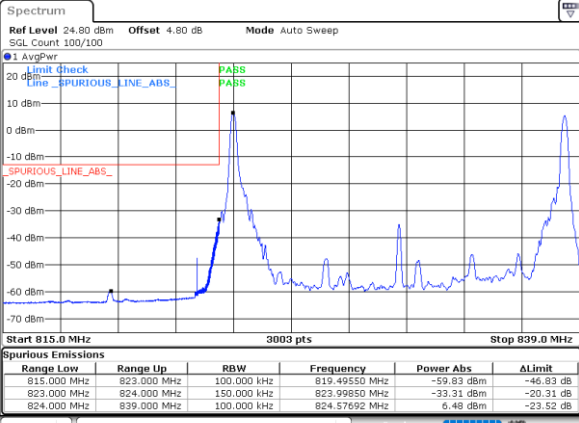


LTE Band 5B / 10MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

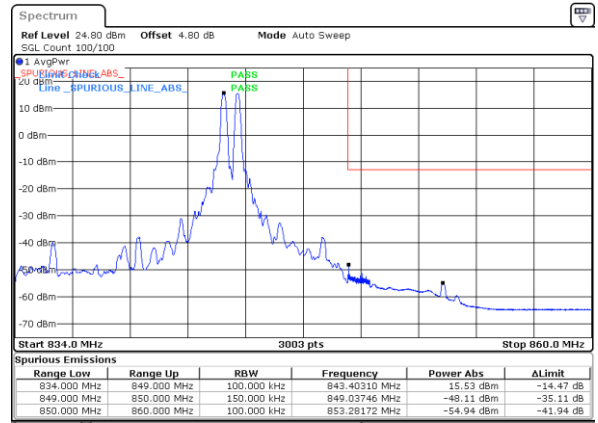
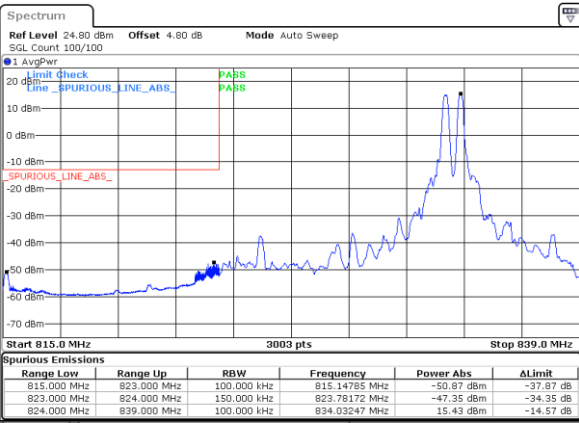


Date: 9.OCT.2022 02:11:20

Date: 9.OCT.2022 03:40:48

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

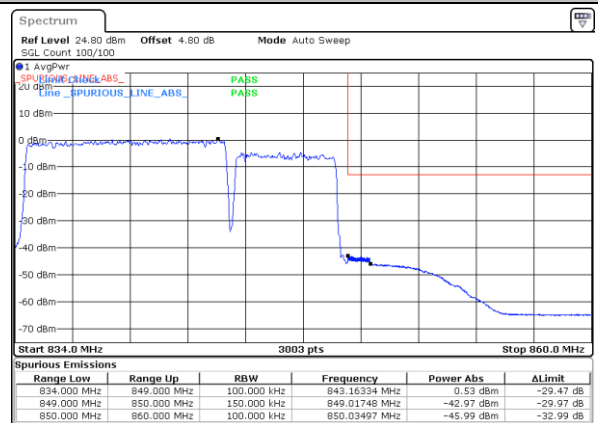
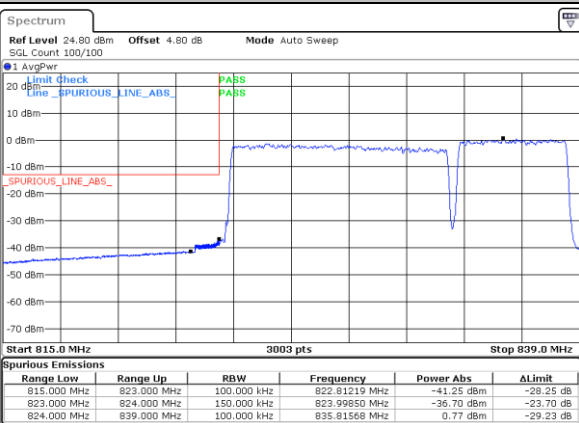


Date: 9.OCT.2022 02:17:14

Date: 9.OCT.2022 03:46:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 02:05:25

Date: 9.OCT.2022 03:34:53

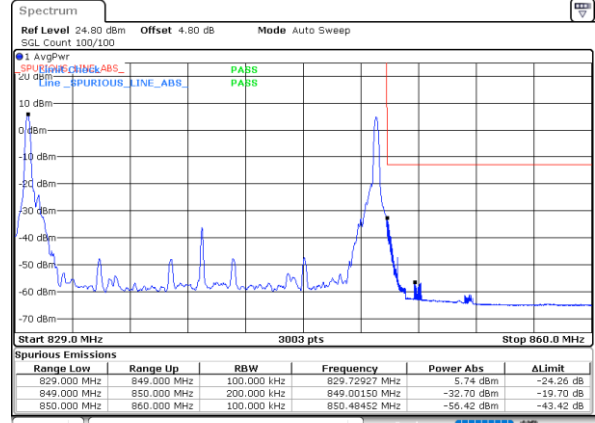
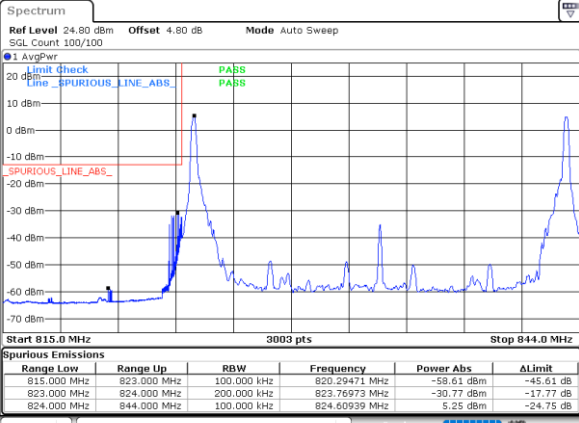


LTE Band 5B / 10MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

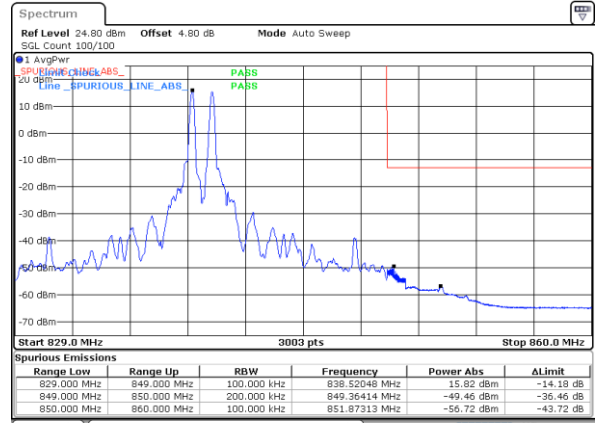
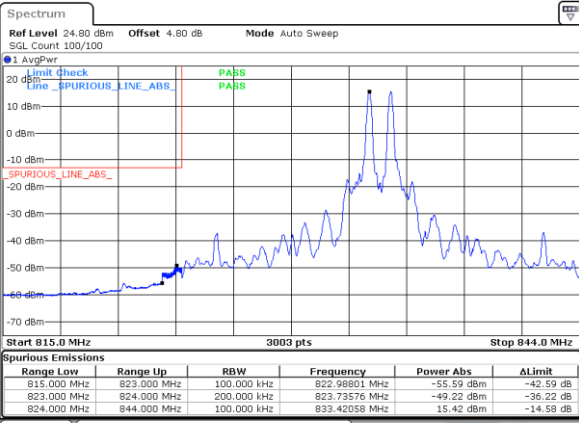


Date: 9.OCT.2022 02:35:30

Date: 9.OCT.2022 02:53:16

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

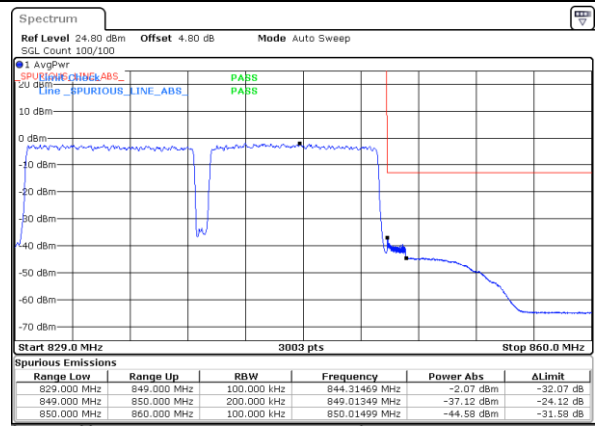
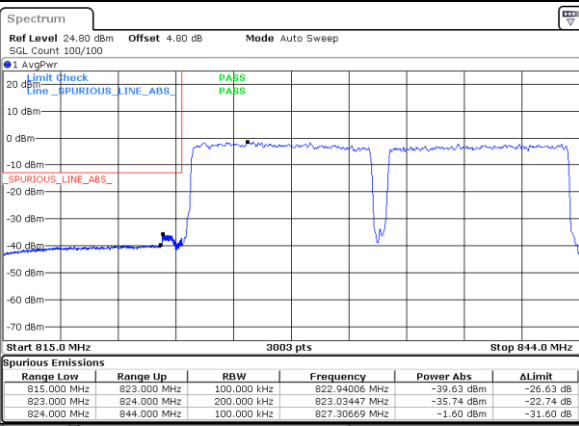


Date: 9.OCT.2022 02:41:25

Date: 9.OCT.2022 02:53:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 02:29:35

Date: 9.OCT.2022 02:47:21

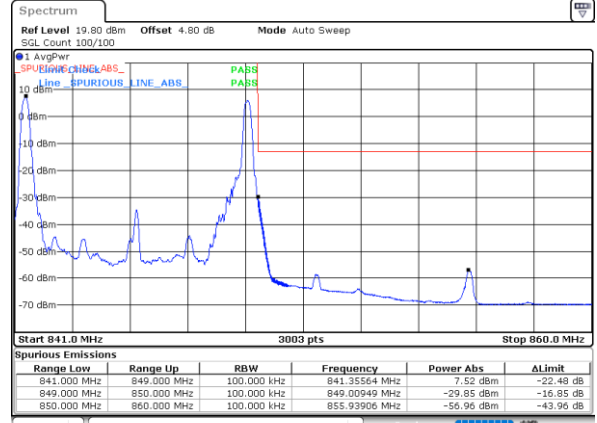
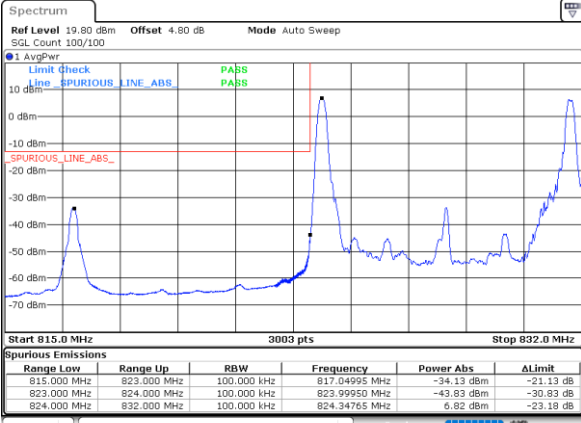


LTE Band 5B / 3MHz+5MHz

64QAM

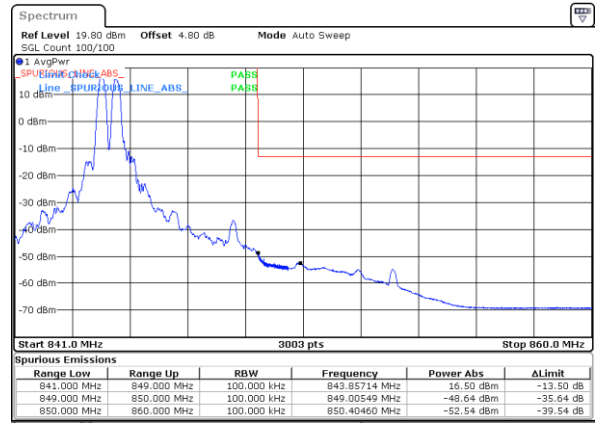
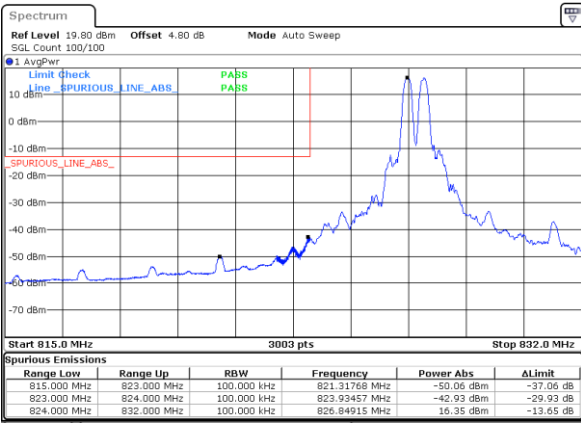
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



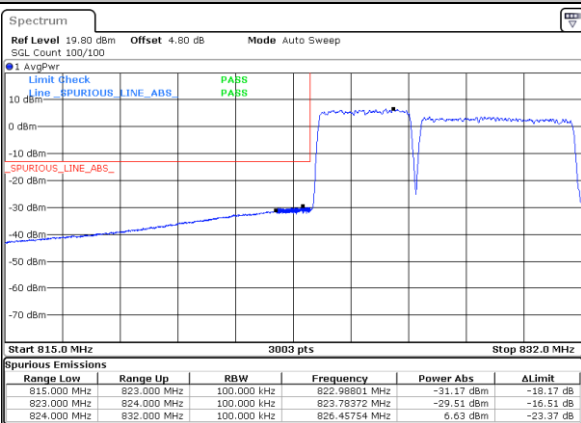
Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



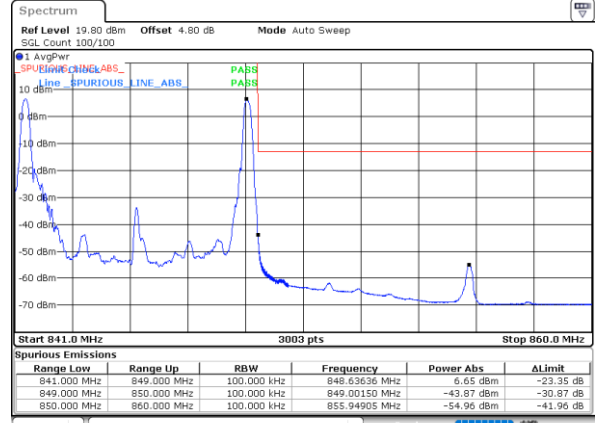
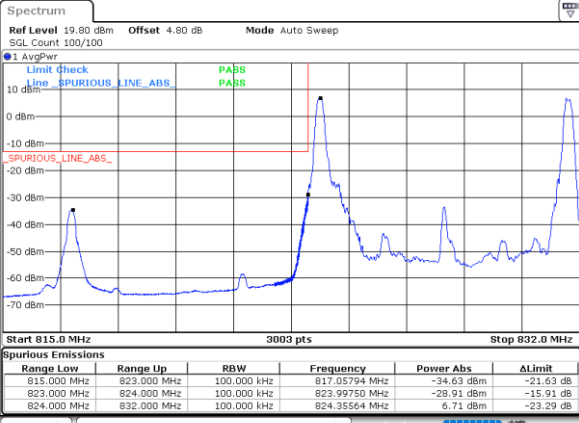


LTE Band 5B / 5MHz+3MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

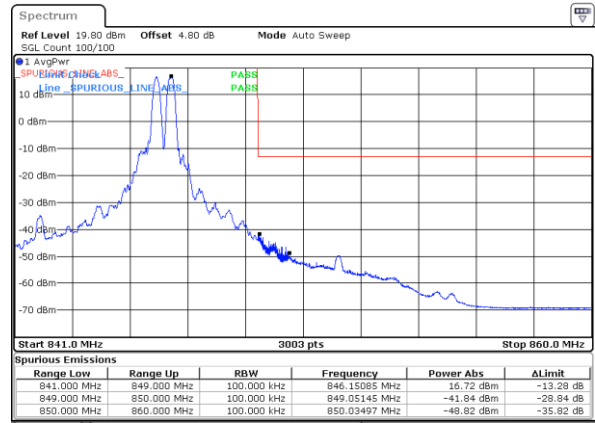
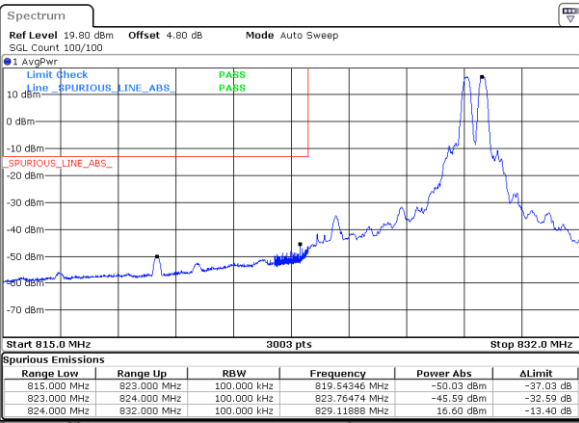


Date: 9.OCT.2022 06:01:04

Date: 9.OCT.2022 07:00:19

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

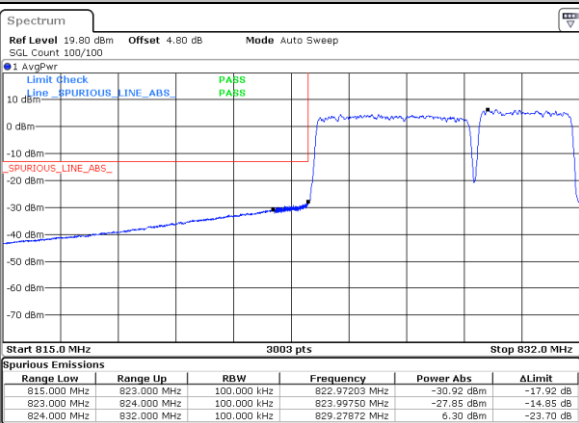


Date: 9.OCT.2022 06:10:57

Date: 9.OCT.2022 07:02:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 05:59:05

Date: 9.OCT.2022 06:13:02

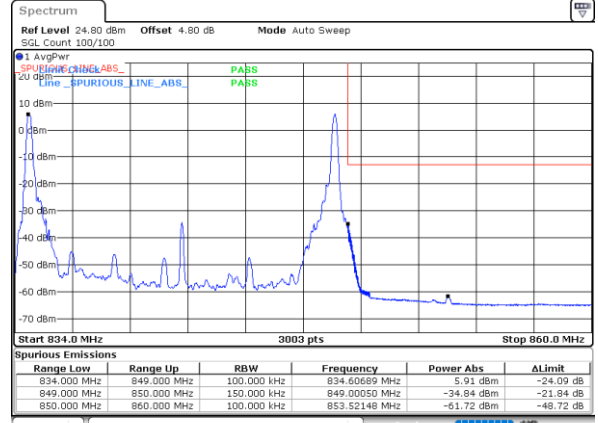
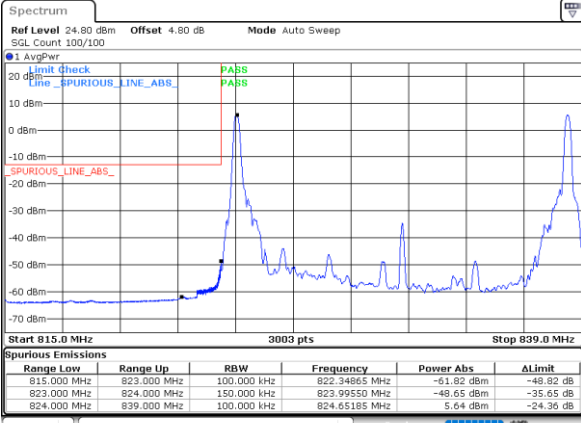


LTE Band 5B / 5MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

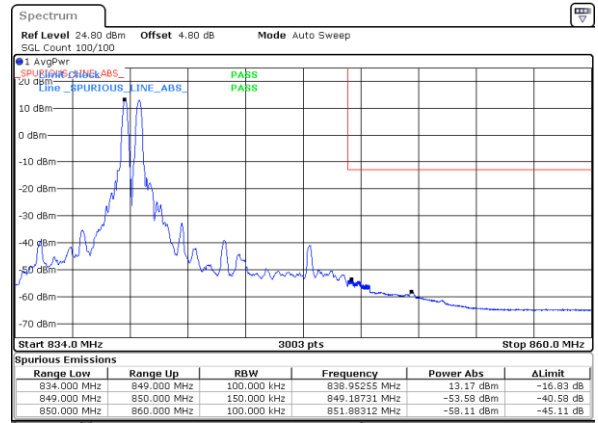
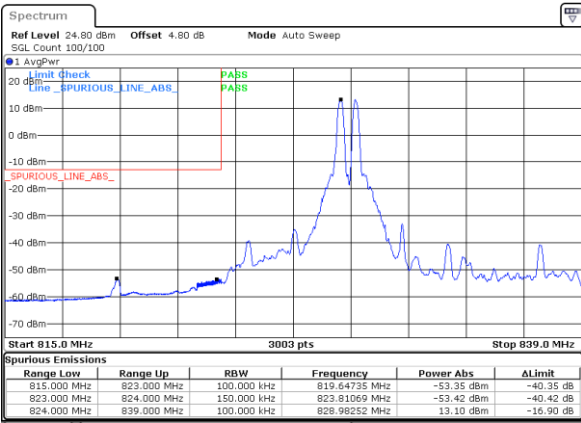


Date: 9.OCT.2022 05:10:12

Date: 9.OCT.2022 05:27:55

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

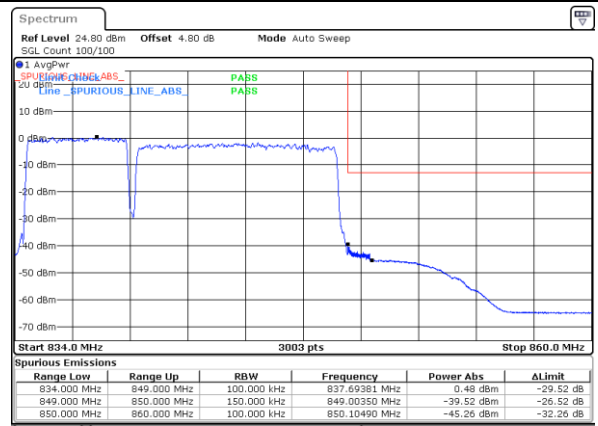
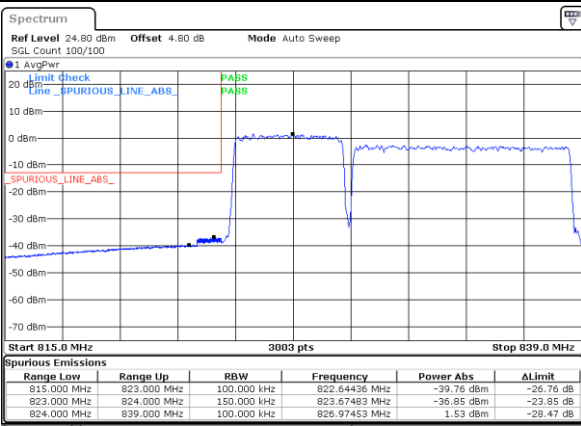


Date: 9.OCT.2022 05:16:05

Date: 9.OCT.2022 05:18:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 05:10:13

Date: 9.OCT.2022 05:29:54

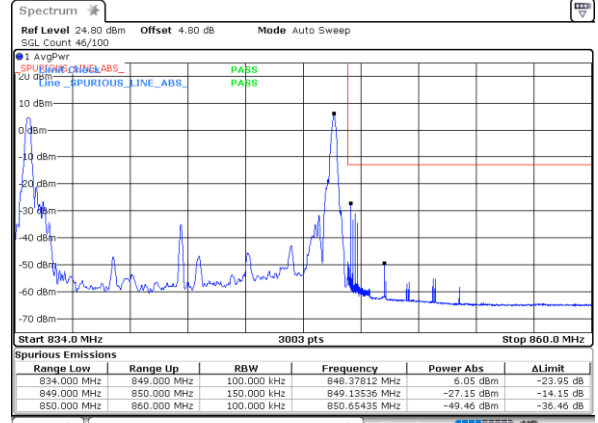
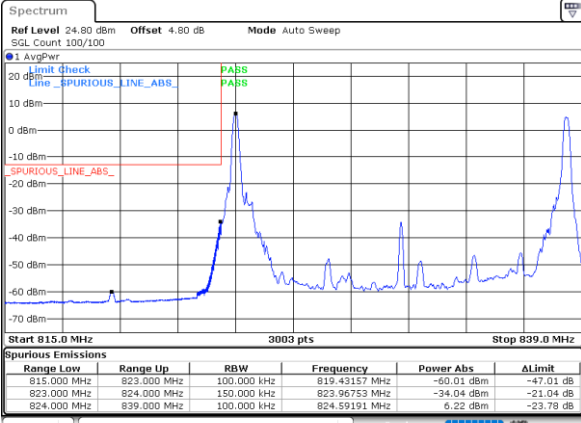


LTE Band 5B / 10MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

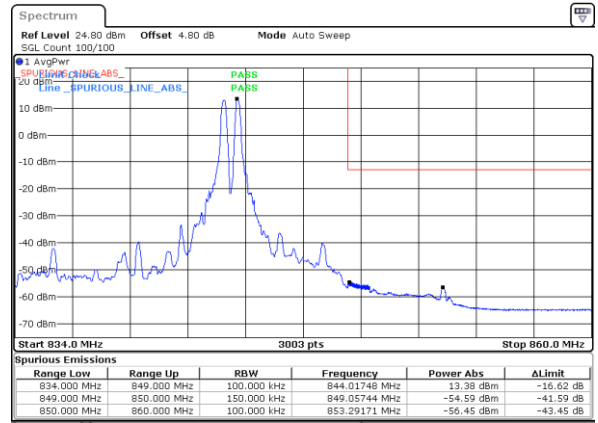
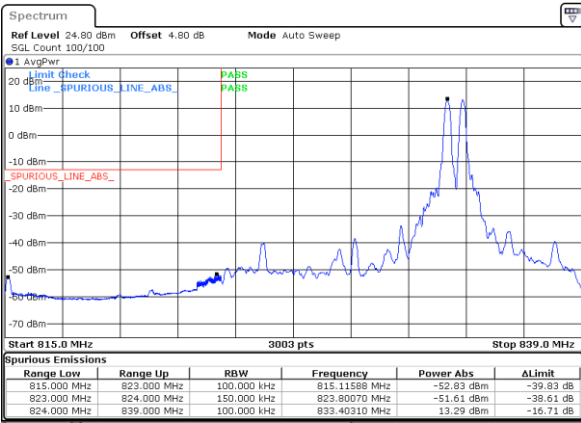


Date: 9.OCT.2022 02:10:21

Date: 9.OCT.2022 03:38:50

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

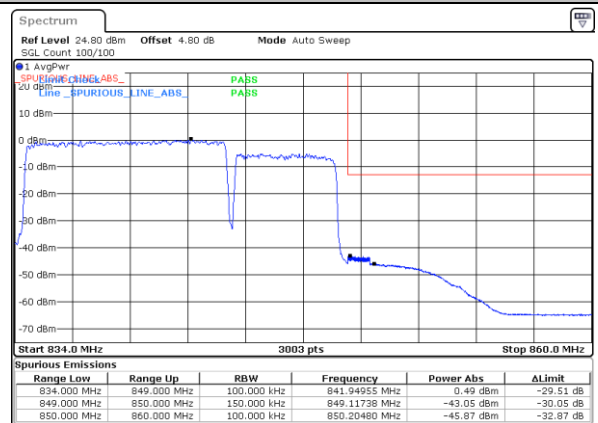
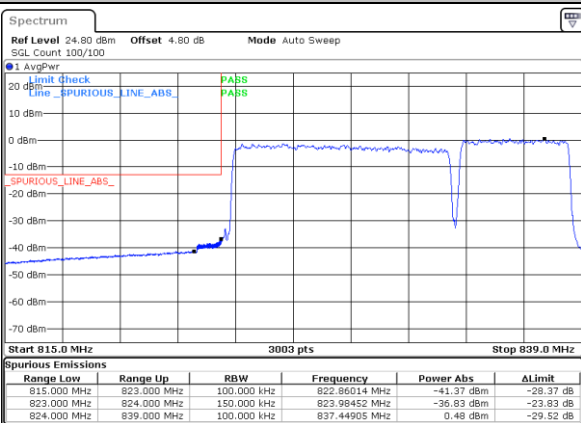


Date: 9.OCT.2022 02:19:13

Date: 9.OCT.2022 03:48:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 02:10:23

Date: 9.OCT.2022 03:36:52

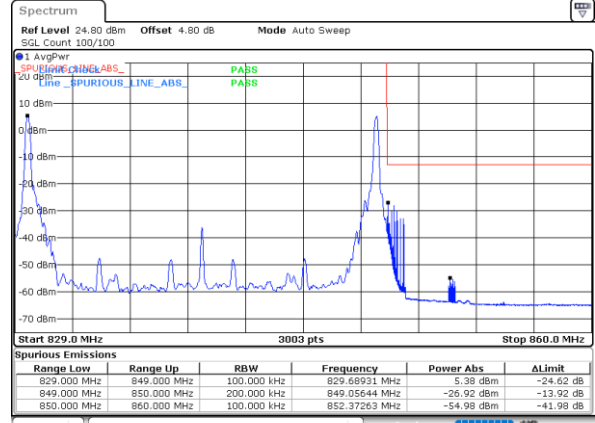
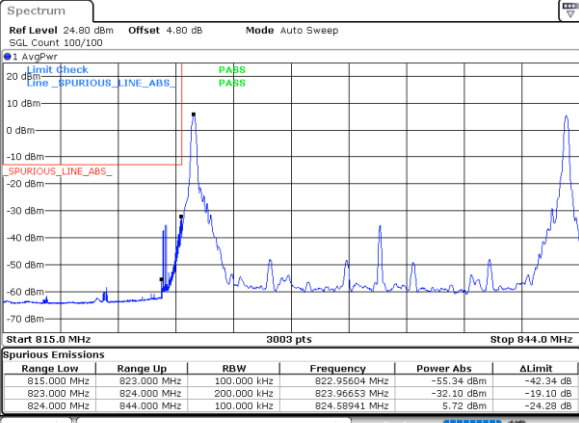


LTE Band 5B / 10MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

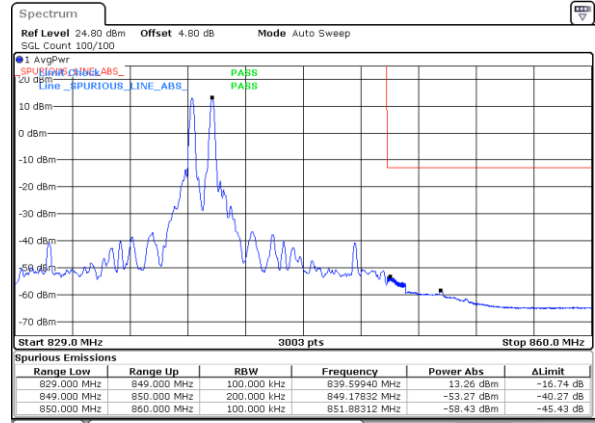
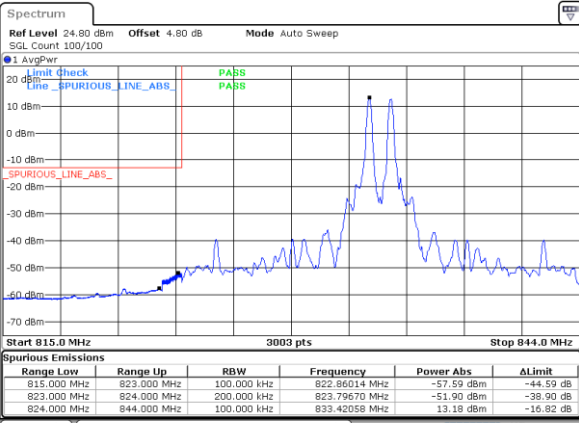


Date: 9.OCT.2022 02:33:12

Date: 9.OCT.2022 02:55:15

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

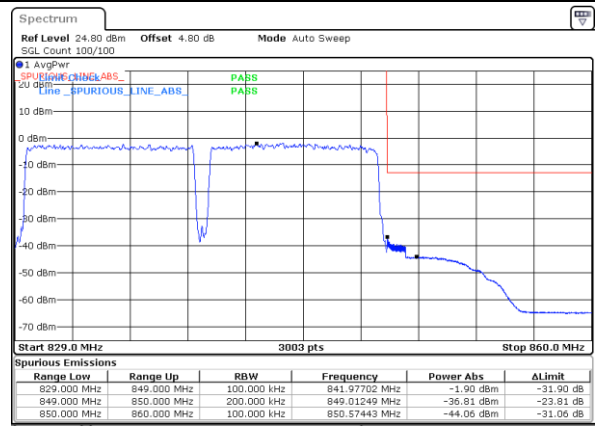
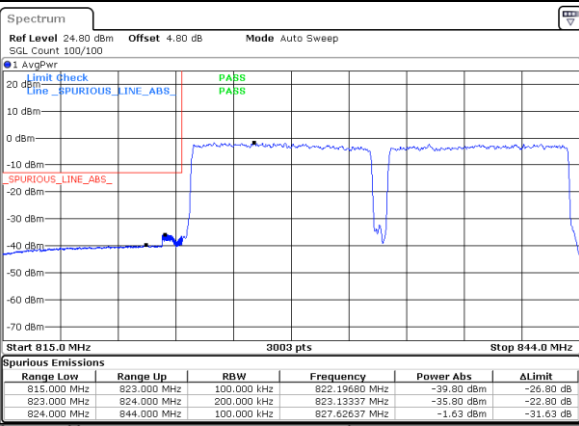


Date: 9.OCT.2022 02:43:23

Date: 9.OCT.2022 02:57:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9.OCT.2022 02:31:34

Date: 9.OCT.2022 02:45:23



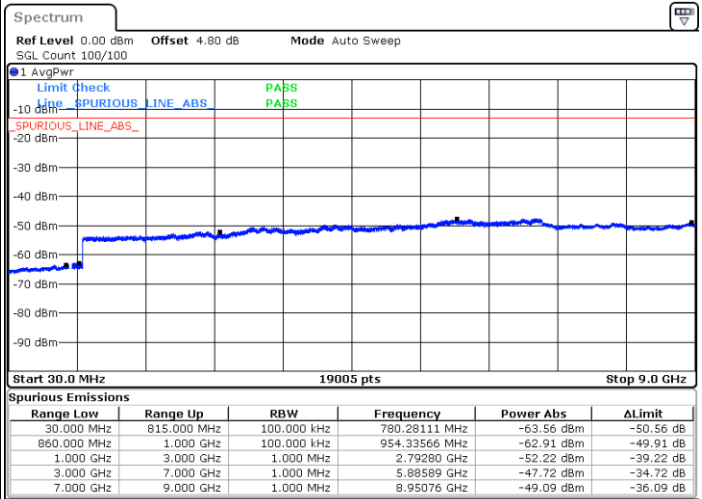
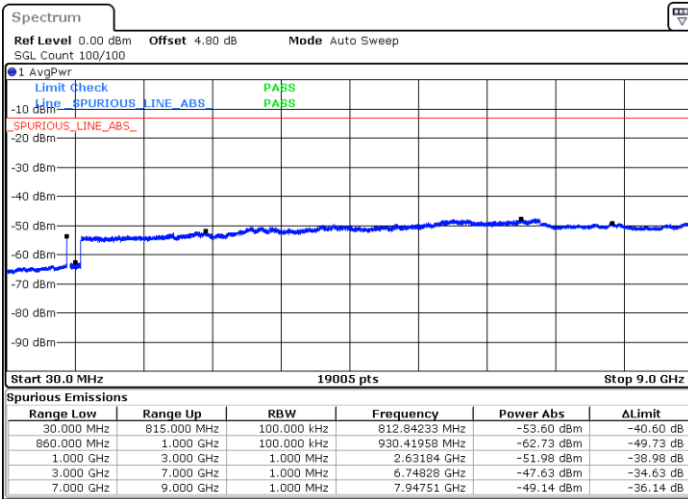
Conducted Spurious Emission

LTE Band 5B / 3MHz+5MHz

QPSK

Lowest Channel / 1RB14 and 1RB0

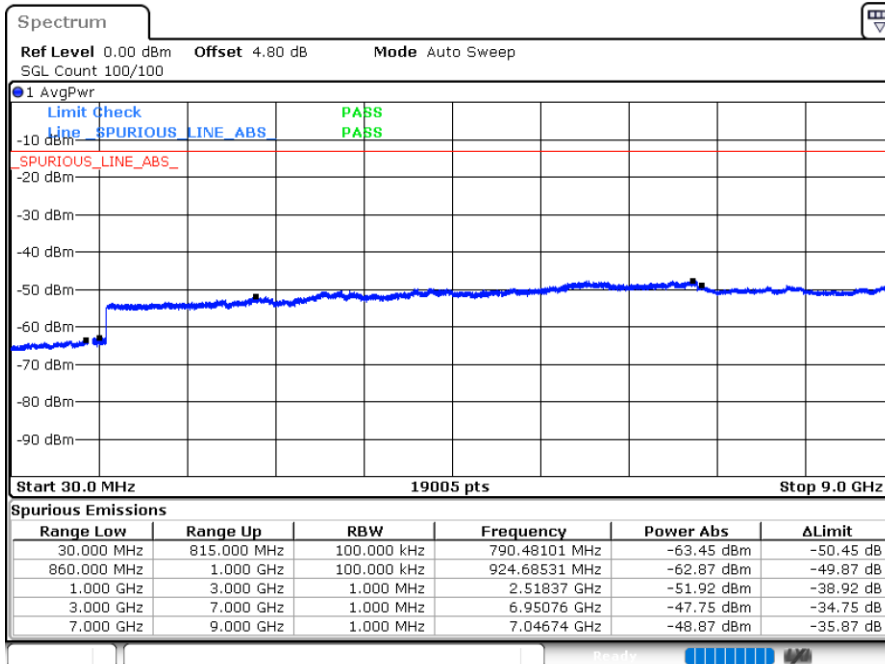
Middle Channel / 1RB14 and 1RB0



Date: 9.OCT.2022 03:03:04

Date: 9.OCT.2022 03:04:37

Highest Channel / 1RB14 and 1RB0



Date: 9.OCT.2022 03:06:11

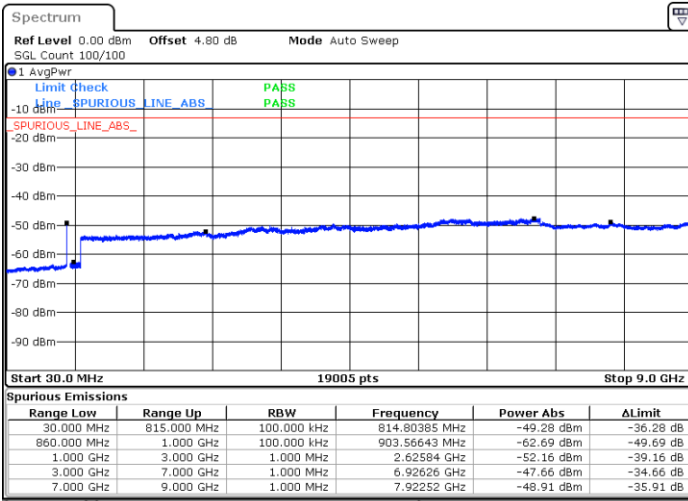


LTE Band 5B / 5MHz+3MHz

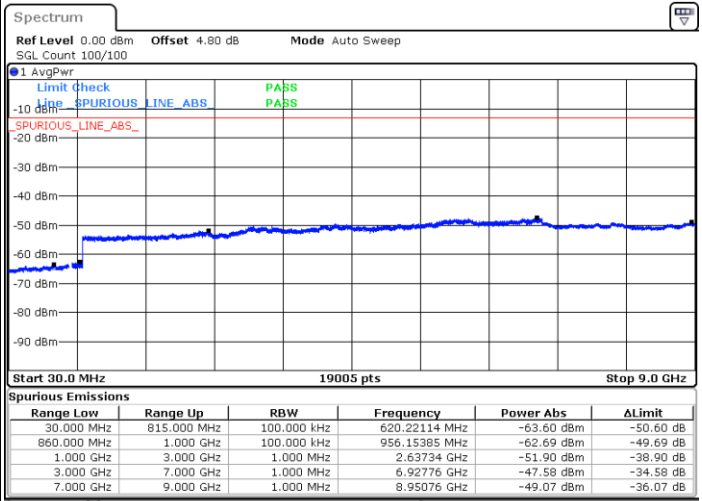
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

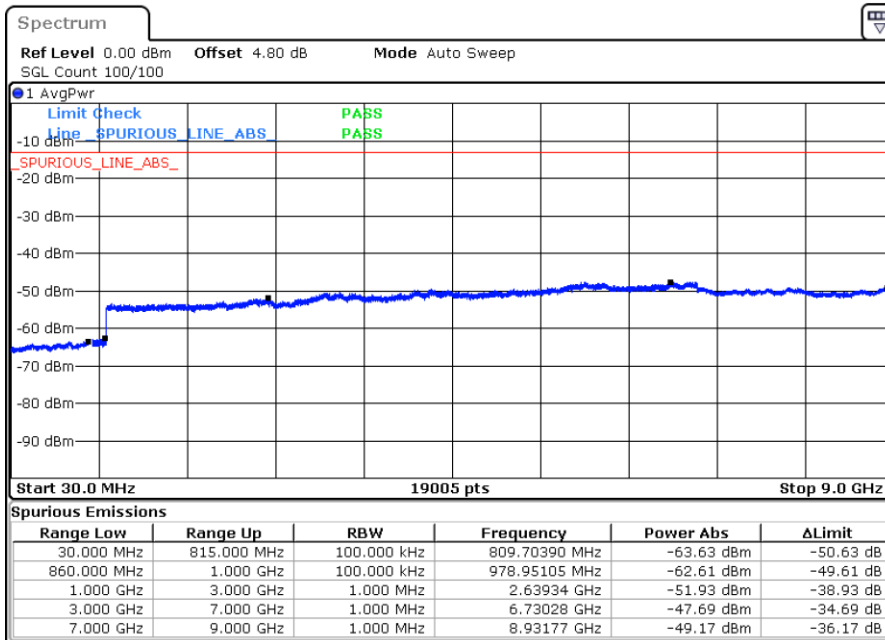


Date: 9.OCT.2022 03:07:46



Date: 9.OCT.2022 03:09:20

Highest Channel / 1RB24 and 1RB0



Date: 9.OCT.2022 03:10:53

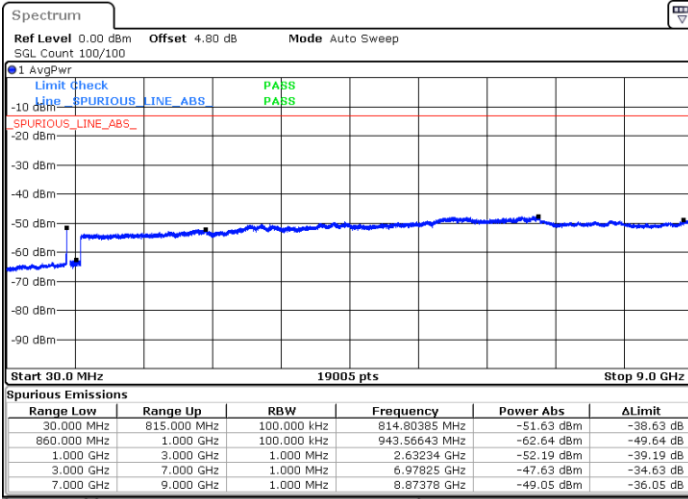


LTE Band 5B / 5MHz+10MHz

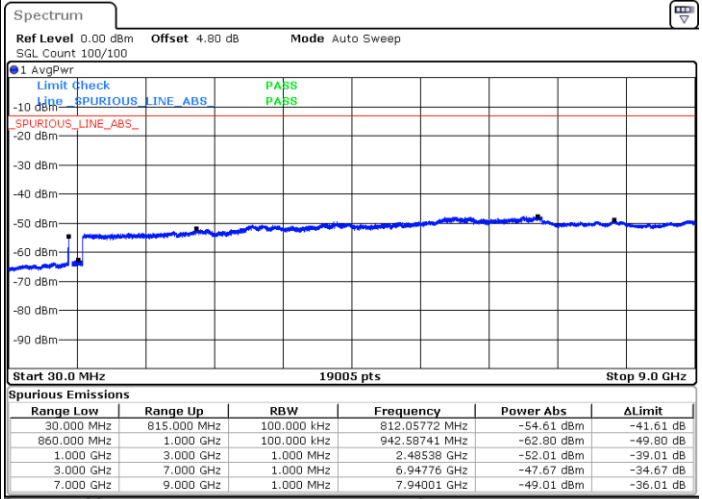
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

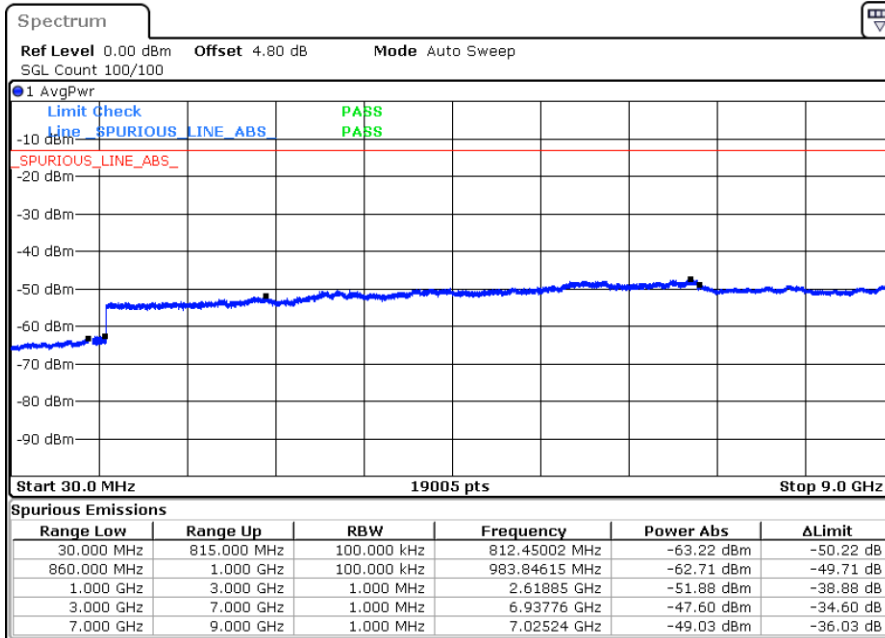


Date: 9.OCT.2022 03:12:27



Date: 9.OCT.2022 03:16:56

Highest Channel / 1RB24 and 1RB0



Date: 9.OCT.2022 03:18:24

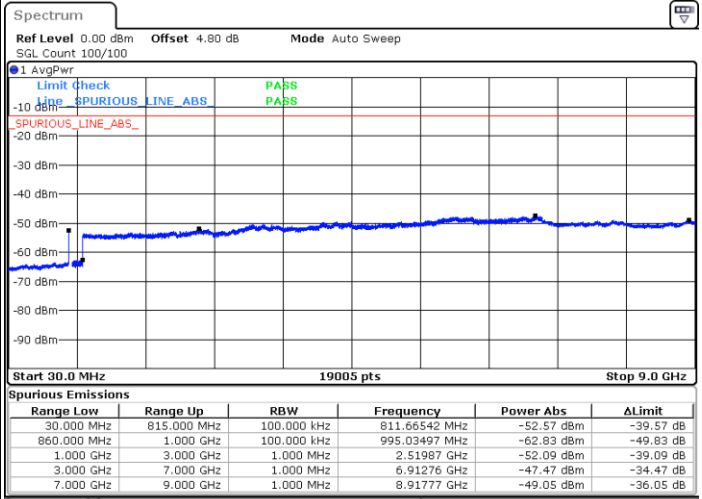
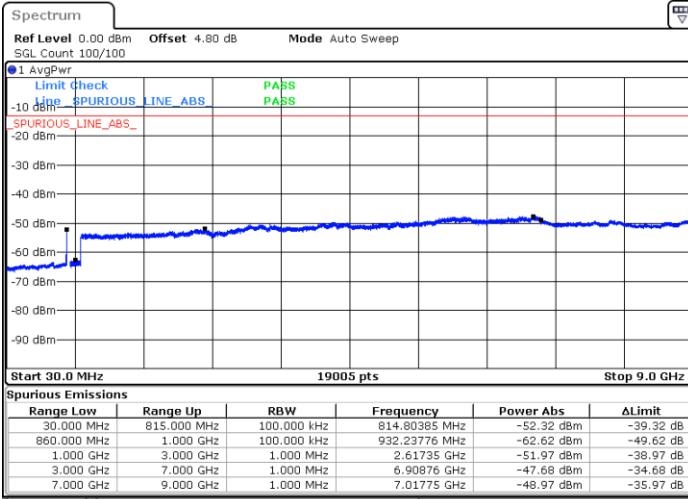


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

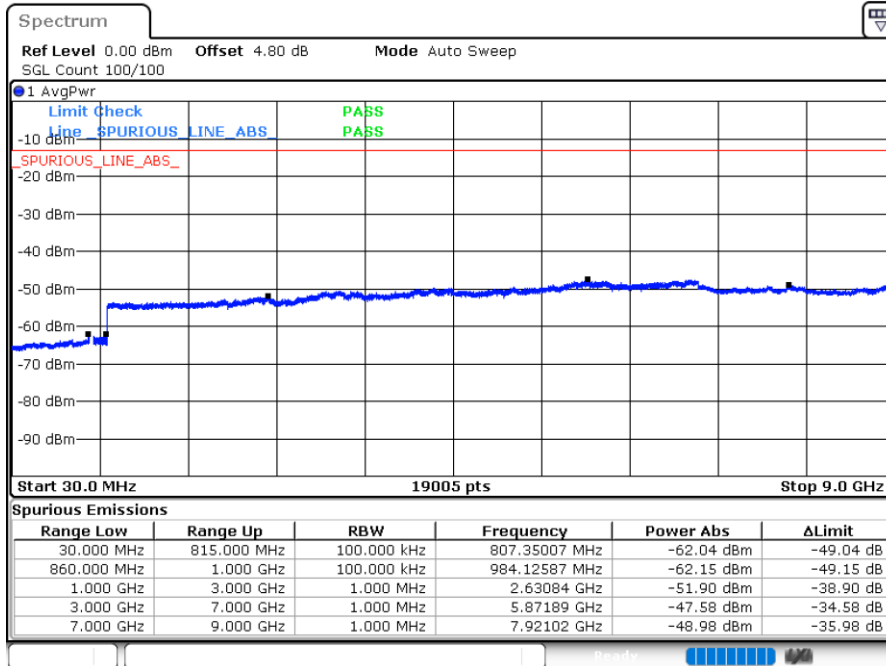
Middle Channel / 1RB49 and 1RB0



Date: 9.OCT.2022 03:20:00

Date: 9.OCT.2022 03:22:36

Highest Channel / 1RB49 and 1RB0



Date: 9.OCT.2022 03:24:24

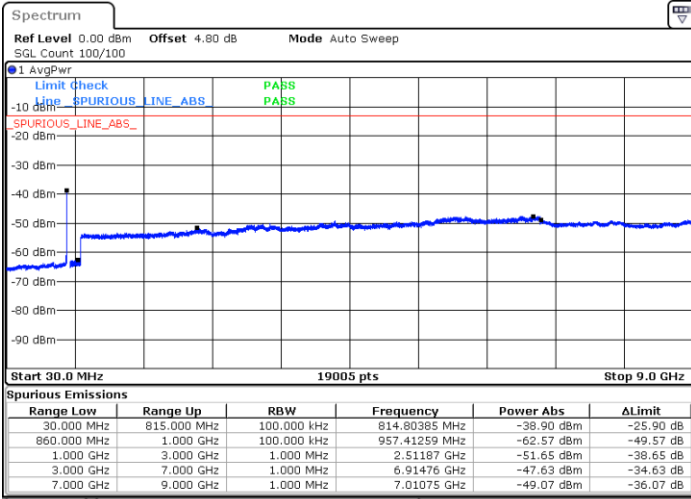


LTE Band 5B / 10MHz+10MHz

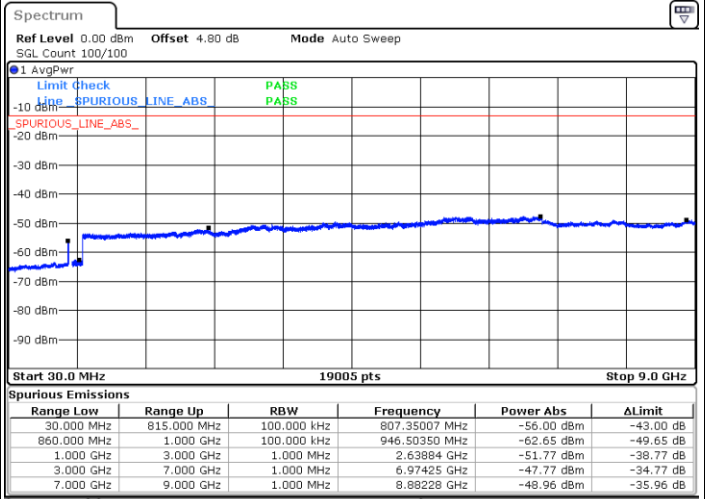
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

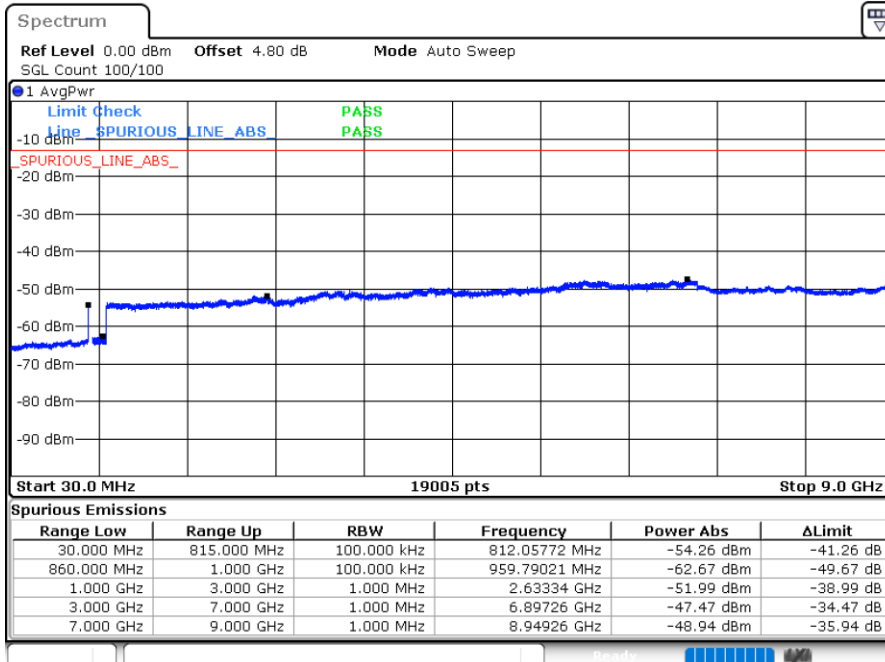


Date: 9.OCT.2022 03:25:57



Date: 9.OCT.2022 03:27:26

Highest Channel / 1RB49 and 1RB0



Date: 9.OCT.2022 03:28:54



Frequency Stability

Test Conditions		LTE Band 5B (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz+10MHZ	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.89V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.48V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE CA_66B

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	10.01	9.99
Mod.	QPSK	16QAM
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	14.60	14.63
Mod.	QPSK	16QAM
BW	5MHz+15MHz	5MHz+15MHz
Middle CH	18.94	19.10
Mod.	QPSK	16QAM
BW	10MHz+5MHz	10MHz+5MHz
Middle CH	14.66	14.66
Mod.	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	19.62	19.66
Mod.	QPSK	16QAM
BW	15MHz+5MHz	15MHz+5MHz
Middle CH	19.02	18.90



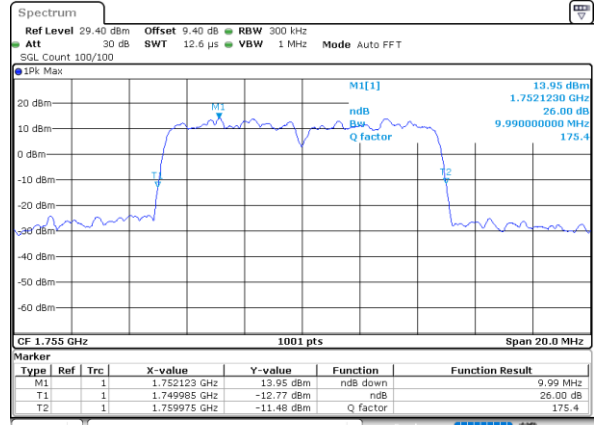
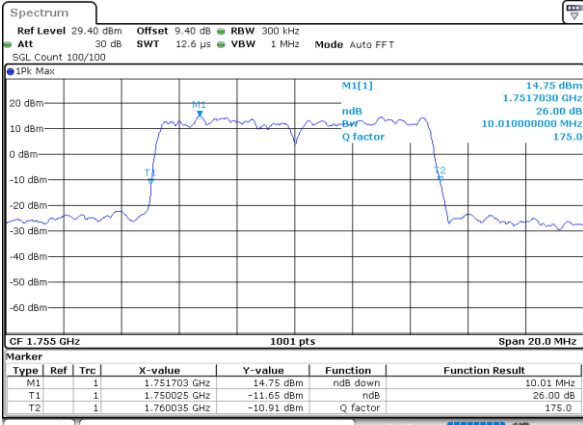
LTE Band 66B

QPSK

16QAM

Middle Channel / 5MHz+5MHz

Middle Channel / 5MHz+5MHz



Date: 7.OCT.2022 02:38:53

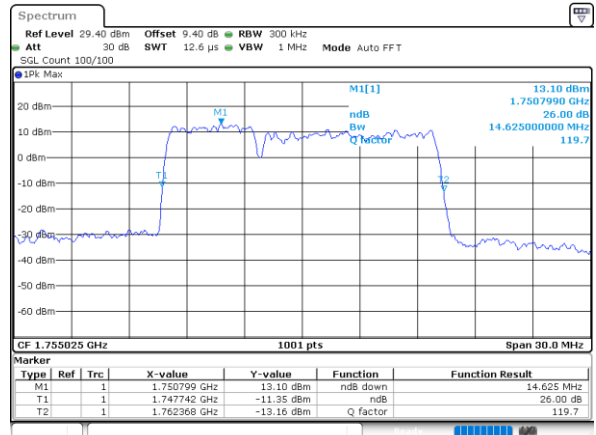
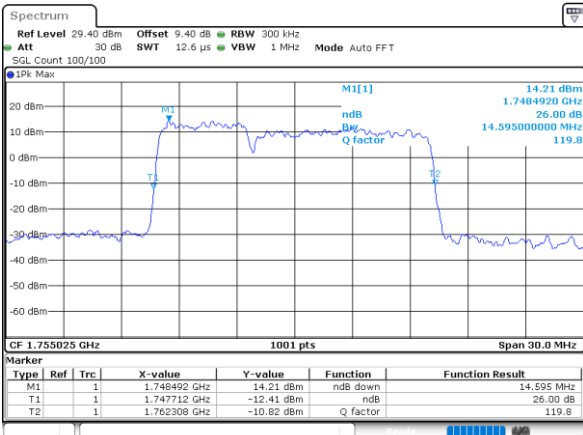
Date: 7.OCT.2022 02:39:21

QPSK

16QAM

Middle Channel / 5MHz+10MHz

Middle Channel / 5MHz+10MHz



Date: 7.OCT.2022 02:41:51

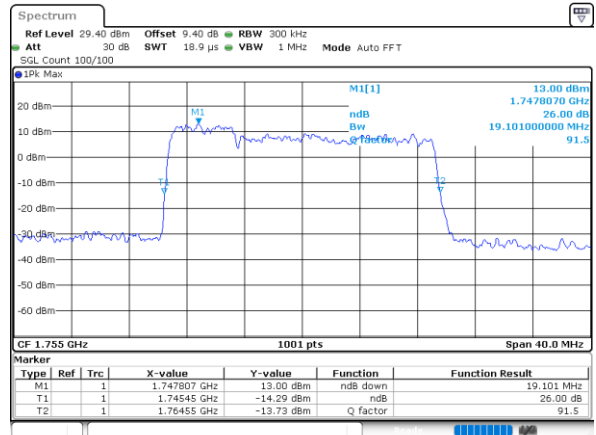
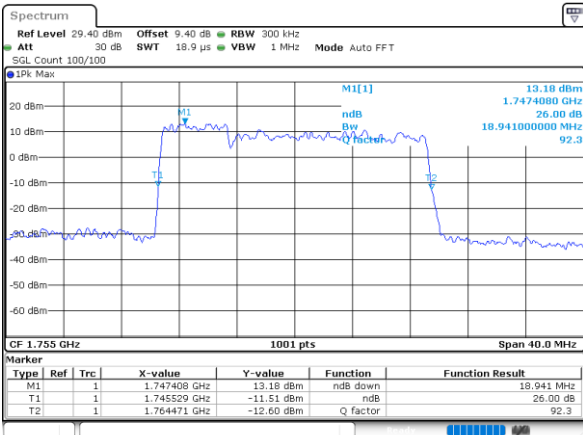
Date: 7.OCT.2022 02:42:18

QPSK

16QAM

Middle Channel / 5MHz+15MHz

Middle Channel / 5MHz+15MHz



Date: 7.OCT.2022 02:51:58

Date: 7.OCT.2022 02:52:26



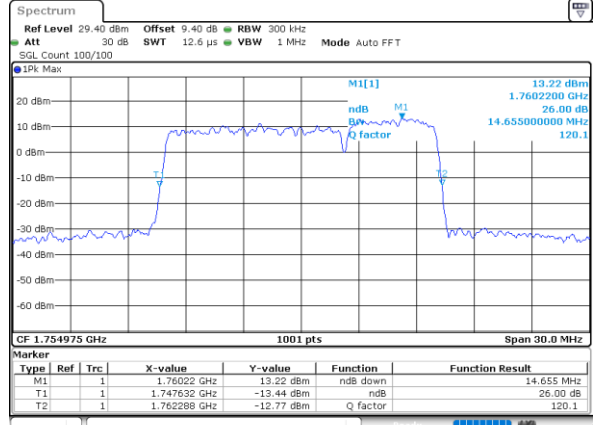
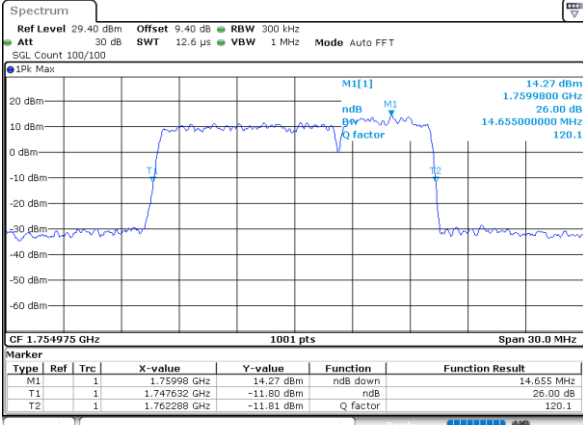
LTE Band 66B

QPSK

16QAM

Middle Channel / 10MHz+5MHz

Middle Channel / 10MHz+5MHz



Date: 7.OCT.2022 02:45:147

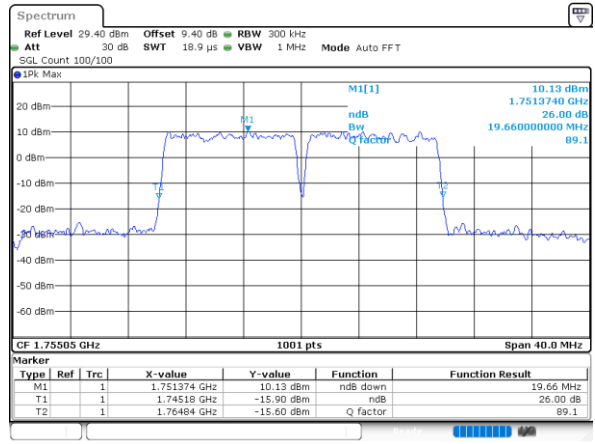
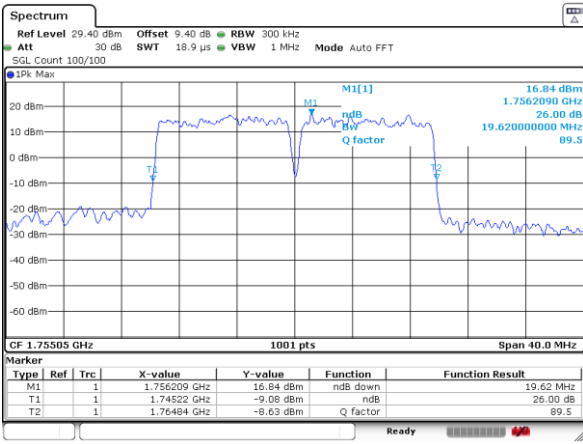
Date: 7.OCT.2022 02:46:114

QPSK

16QAM

Middle Channel / 10MHz+10MHz

Middle Channel / 10MHz+10MHz



Date: 9.OCT.2022 06:31:08

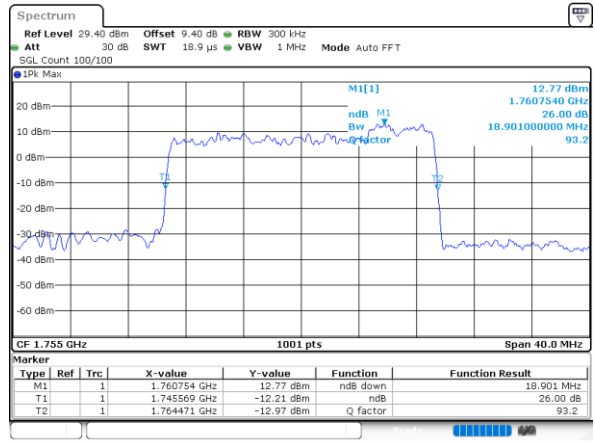
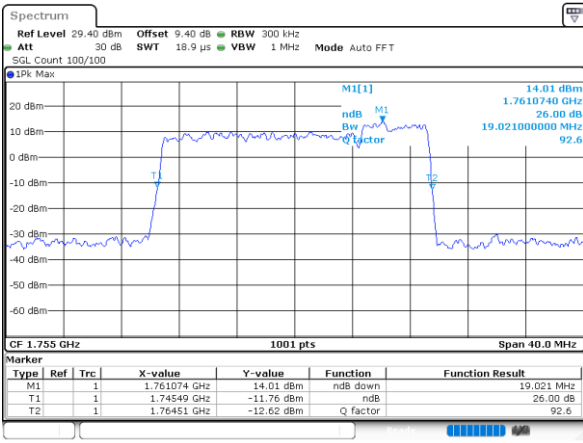
Date: 7.OCT.2022 02:28:09

QPSK

16QAM

Middle Channel / 15MHz+5MHz

Middle Channel / 15MHz+5MHz



Date: 7.OCT.2022 02:55:105

Date: 7.OCT.2022 02:55:133



Occupied Bandwidth

Mode	LTE Band 66B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	9.29	9.33
Mod.	QPSK	16QAM
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	13.88	13.85
Mod.	QPSK	16QAM
BW	5MHz+15MHz	5MHz+15MHz
Middle CH	18.18	18.22
Mod.	QPSK	16QAM
BW	10MHz+5MHz	10MHz+5MHz
Middle CH	13.94	13.85
Mod.	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	18.78	18.70
Mod.	QPSK	16QAM
BW	15MHz+5MHz	15MHz+5MHz
Middle CH	18.14	18.18



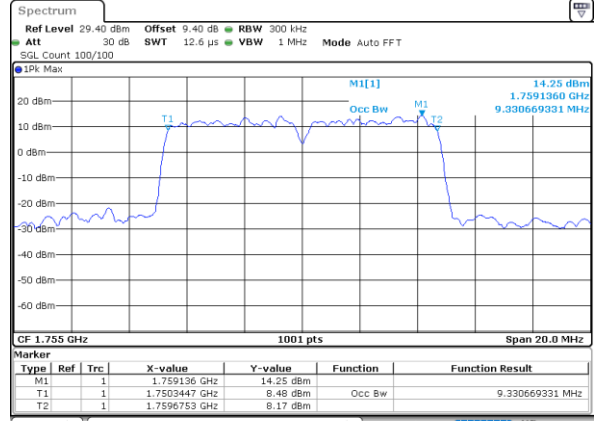
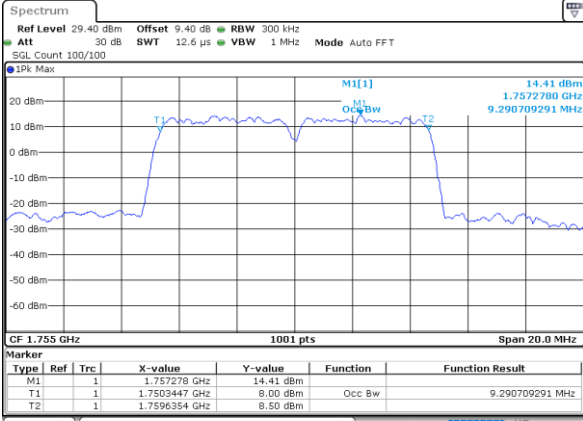
LTE Band 66B

QPSK

16QAM

Middle Channel / 5MHz+5MHz

Middle Channel / 5MHz+5MHz

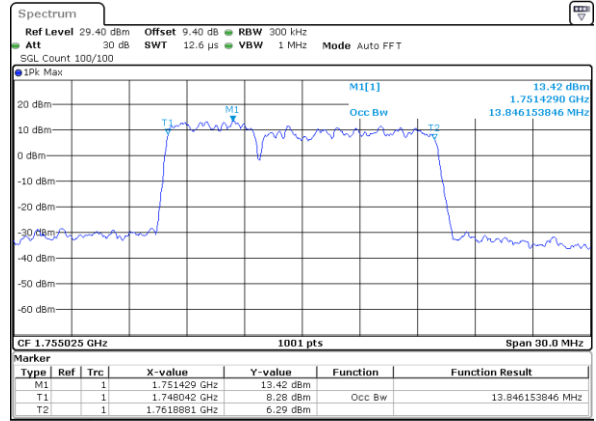
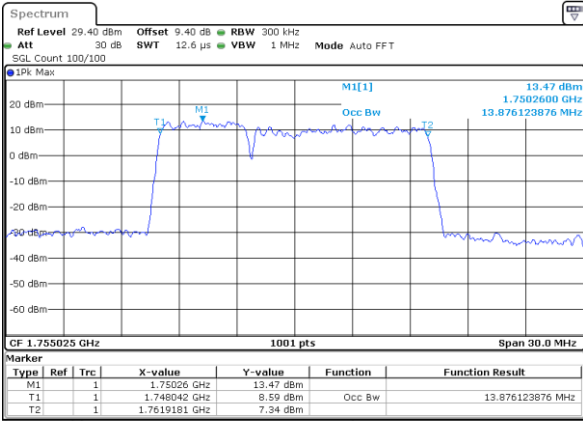


QPSK

16QAM

Middle Channel / 5MHz+10MHz

Middle Channel / 5MHz+10MHz

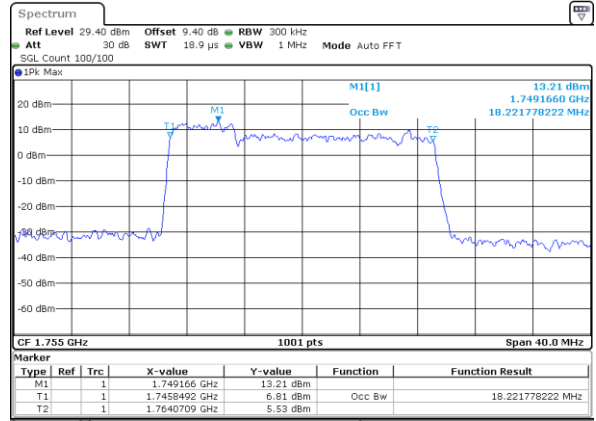
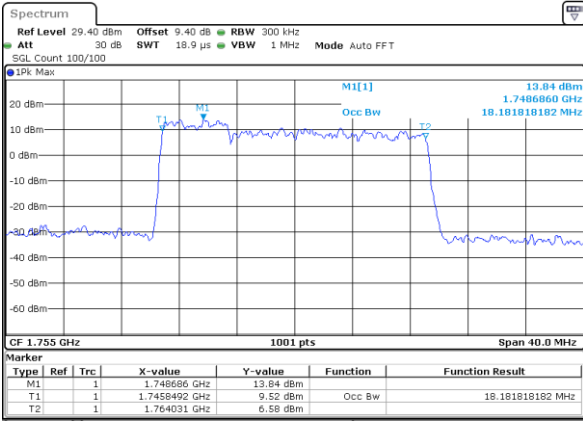


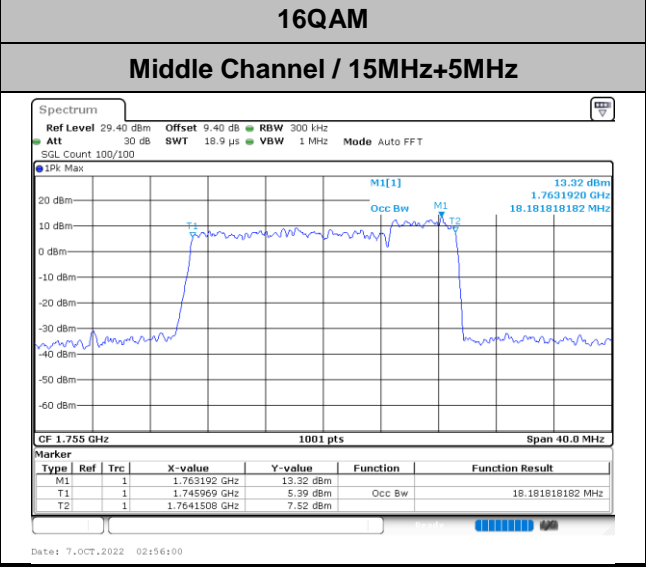
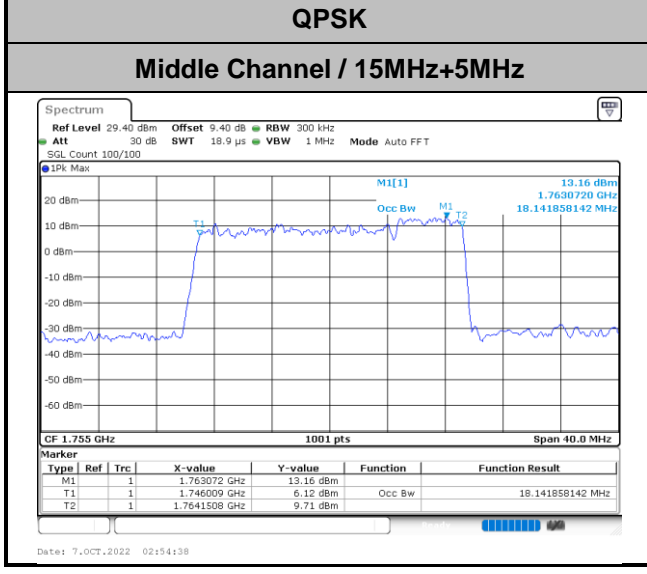
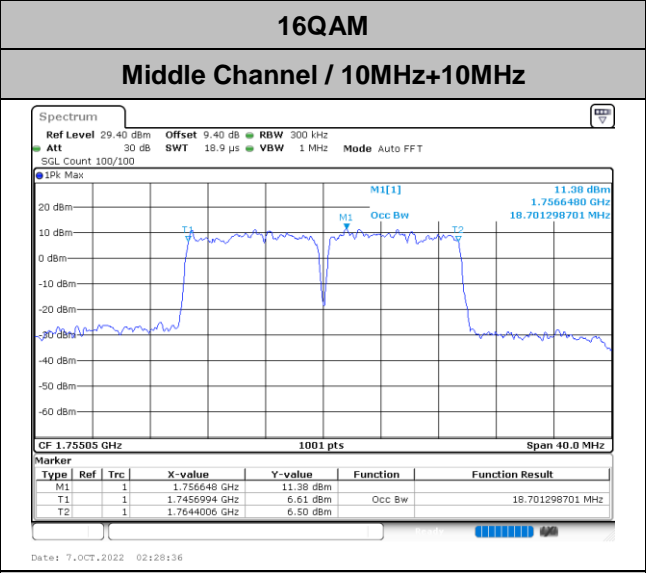
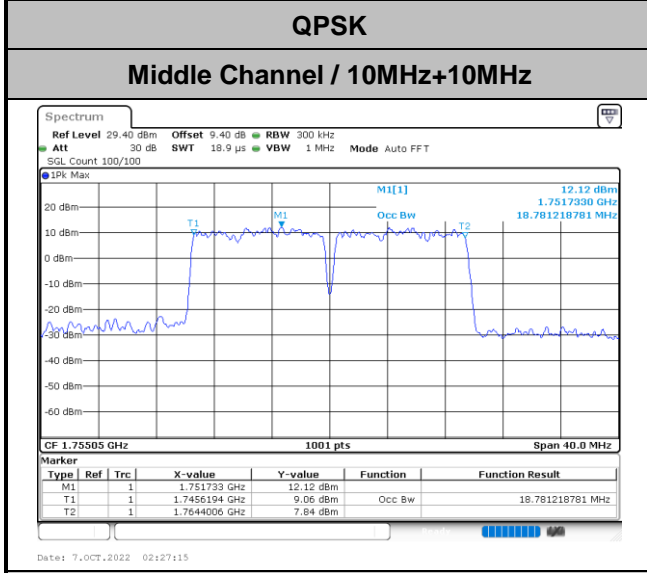
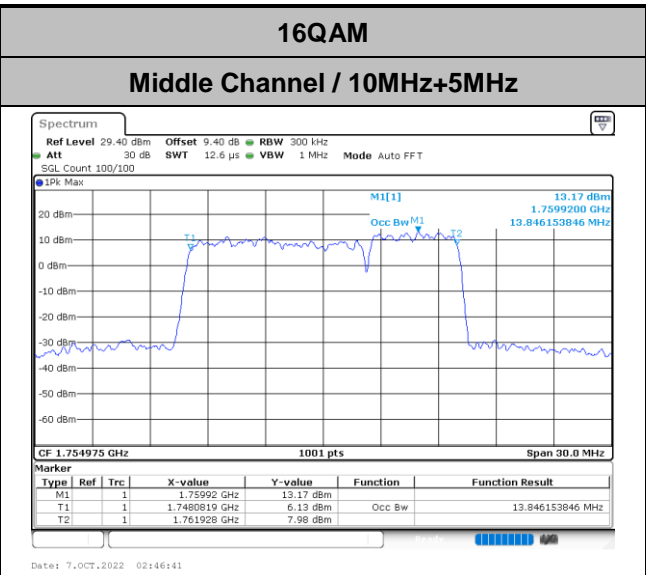
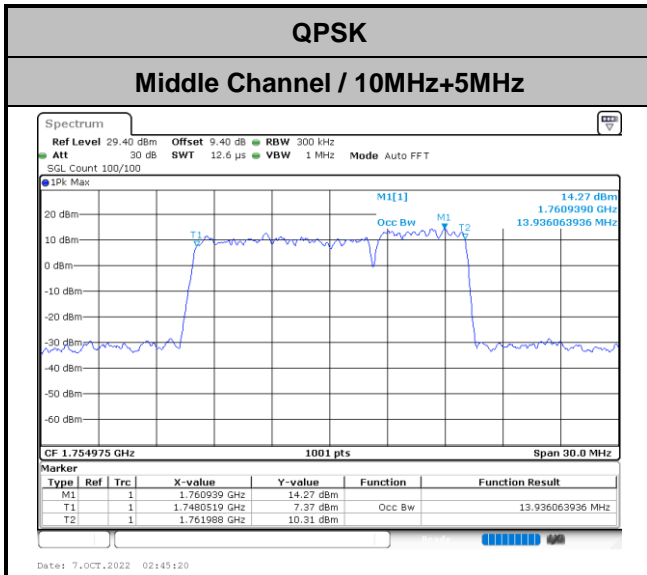
QPSK

16QAM

Middle Channel / 5MHz+15MHz

Middle Channel / 5MHz+15MHz



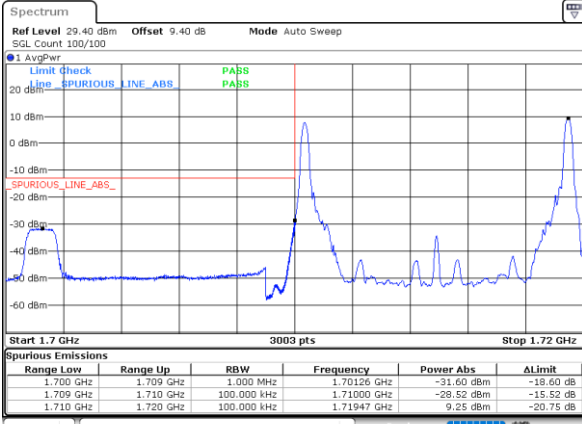




Conducted Band Edge

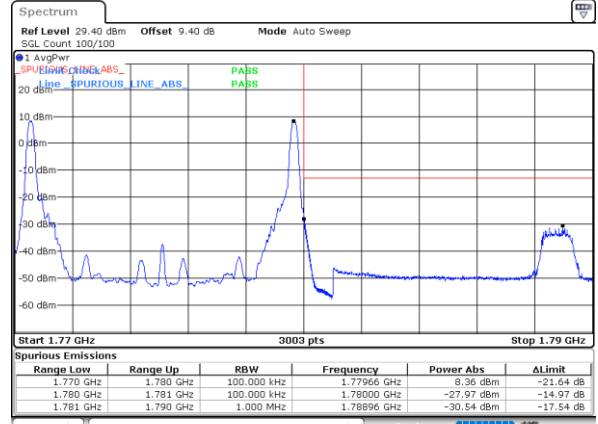
LTE Band 66B / 5MHz+5MHz QPSK

Lowest Band Edge / 1RB0 and 1RBMAX



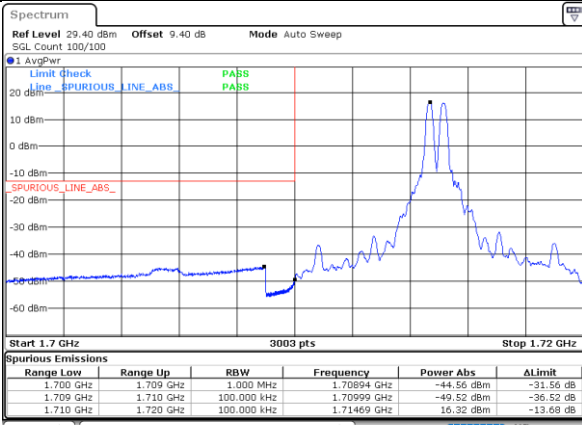
Date: 6.OCT.2022 22:55:58

Highest Band Edge / 1RB0 and 1RBMAX



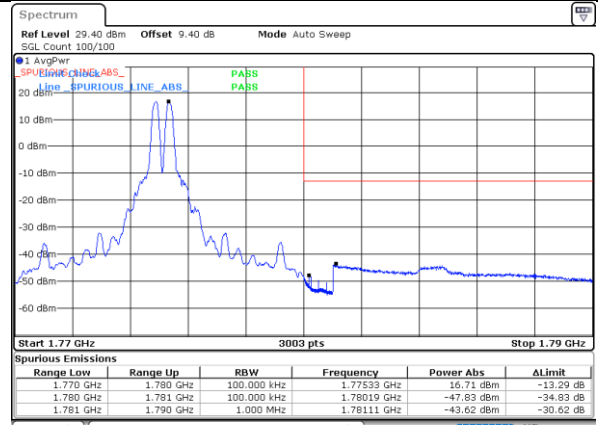
Date: 6.OCT.2022 23:19:28

Lowest Band Edge / 1RBMAX and 1RB0



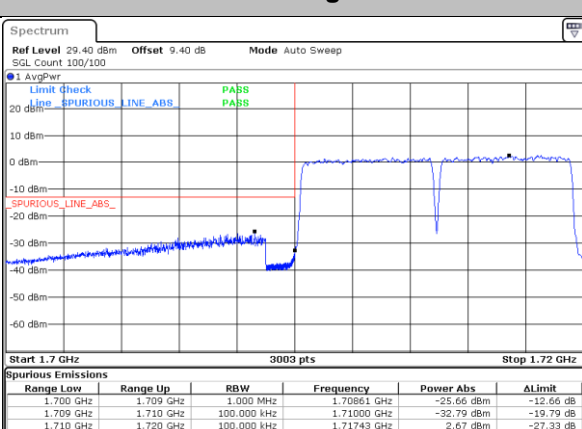
Date: 6.OCT.2022 22:57:04

Highest Band Edge / 1RBMAX and 1RB0



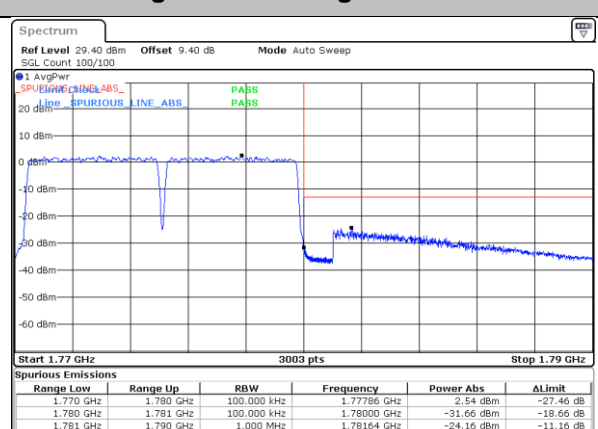
Date: 6.OCT.2022 23:13:55

Lowest Band Edge / Full RB



Date: 6.OCT.2022 22:50:27

Highest Band Edge / Full RB



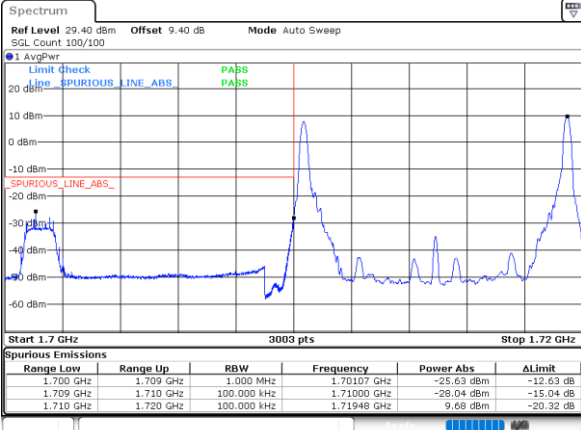
Date: 6.OCT.2022 23:20:34



LTE Band 66B / 5MHz+5MHz

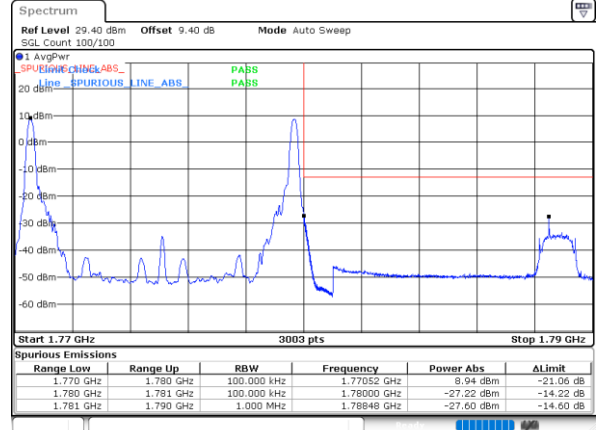
16QAM

Lowest Band Edge / 1RB0 and 1RBMAX



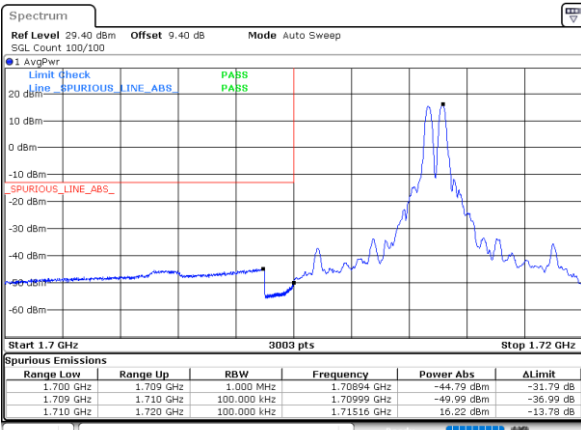
Date: 6.OCT.2022 22:54:52

Highest Band Edge / 1RB0 and 1RBMAX



Date: 6.OCT.2022 23:19:22

Lowest Band Edge / 1RBMAX and 1RB0



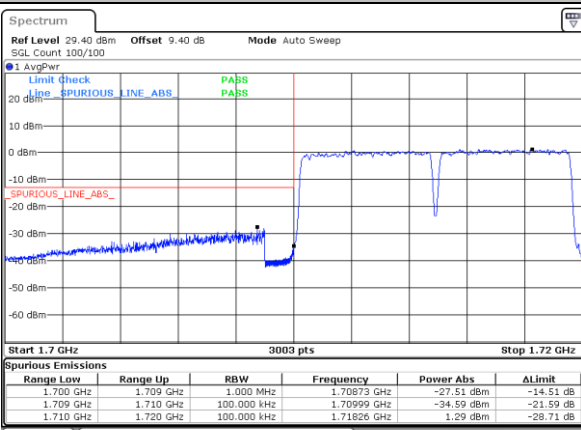
Date: 6.OCT.2022 22:58:10

Highest Band Edge / 1RBMAX and 1RB0



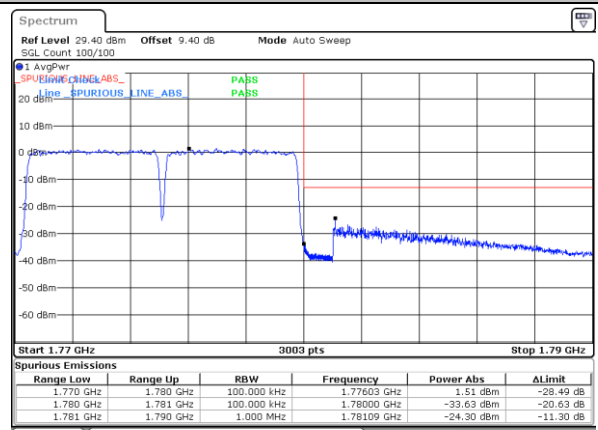
Date: 6.OCT.2022 23:19:01

Lowest Band Edge / Full RB



Date: 6.OCT.2022 22:51:33

Highest Band Edge / Full RB



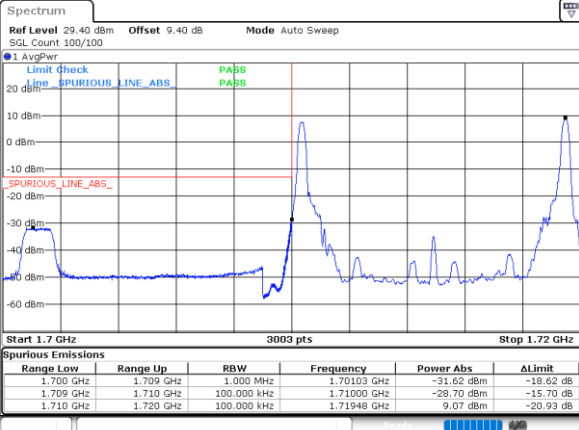
Date: 6.OCT.2022 23:21:41



LTE Band 66B / 5MHz+5MHz

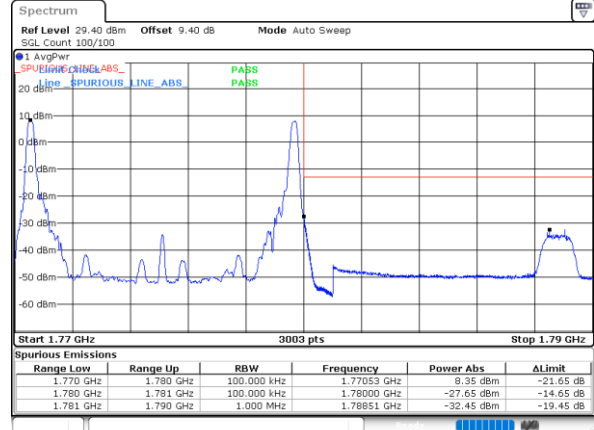
64QAM

Lowest Band Edge / 1RB0 and 1RBMAX



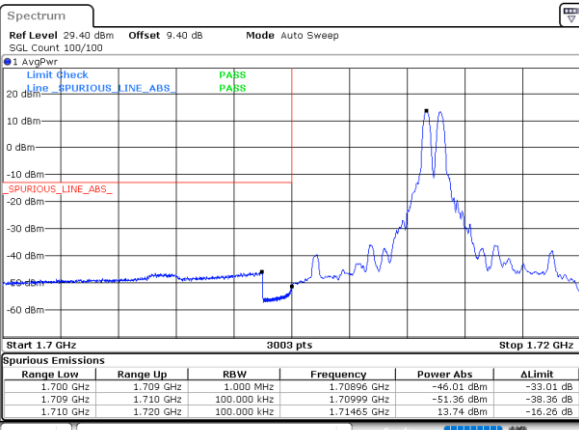
Date: 6.OCT.2022 22:53:46

Highest Band Edge / 1RB0 and 1RBMAX



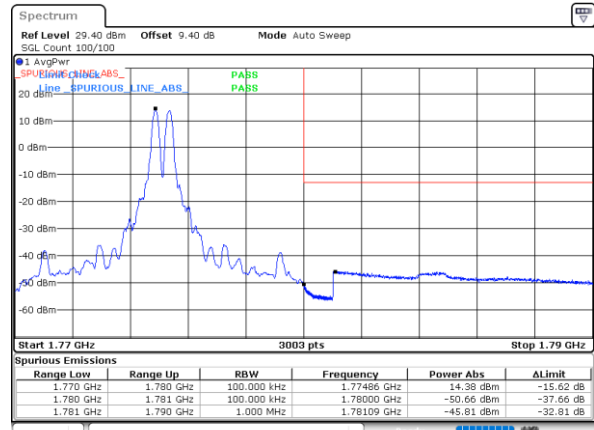
Date: 6.OCT.2022 23:17:15

Lowest Band Edge / 1RBMAX and 1RB0



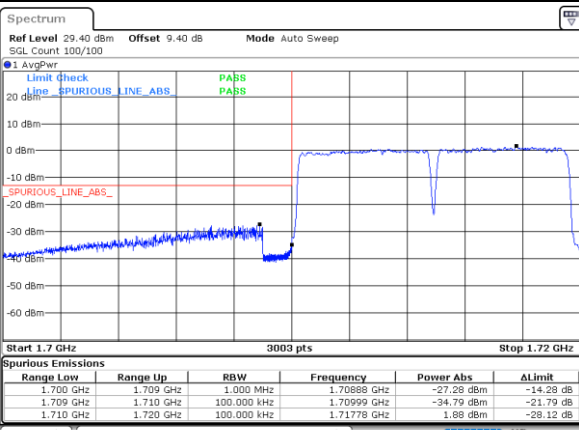
Date: 6.OCT.2022 22:59:17

Highest Band Edge / 1RBMAX and 1RB0



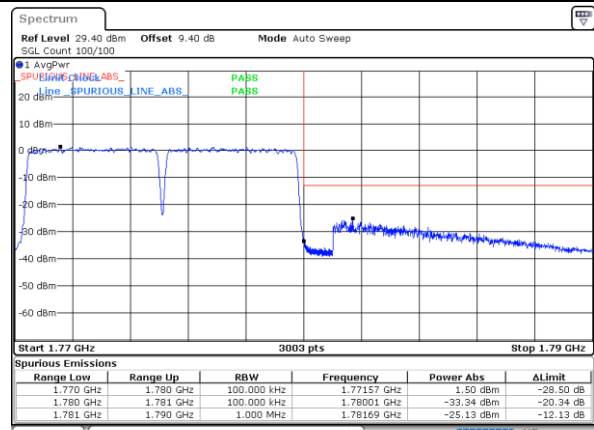
Date: 6.OCT.2022 23:16:09

Lowest Band Edge / Full RB



Date: 6.OCT.2022 22:52:39

Highest Band Edge / Full RB



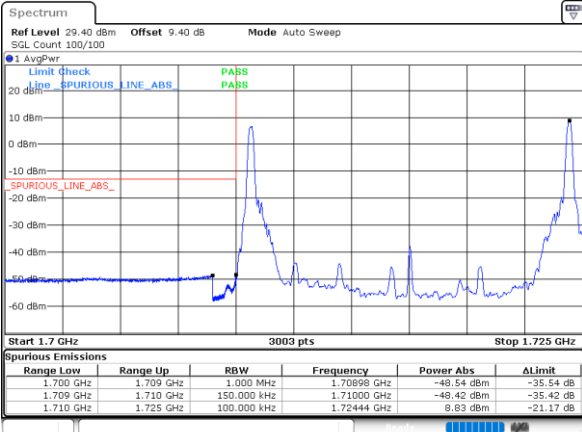
Date: 6.OCT.2022 23:22:47



LTE Band 66B / 5MHz+10MHz

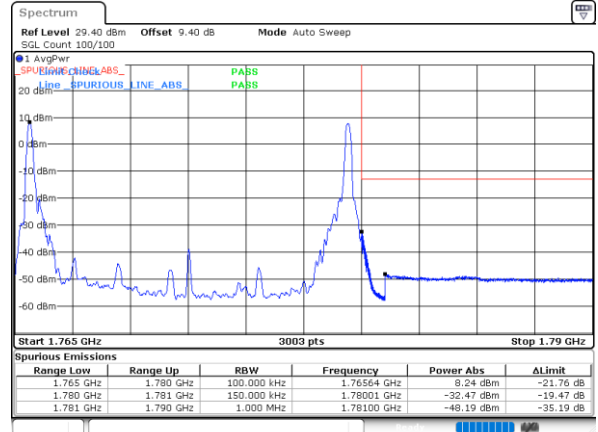
QPSK

Lowest Band Edge / 1RB0 and 1RBMAX



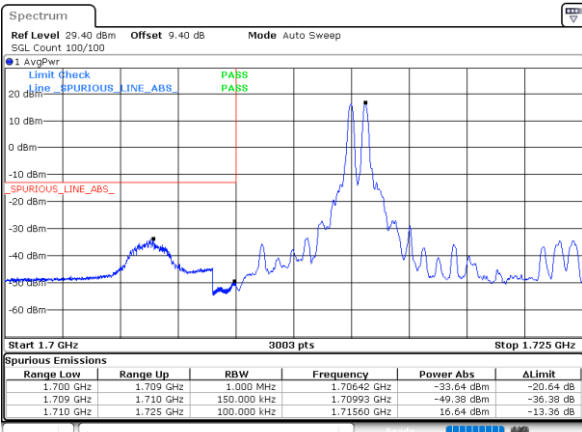
Date: 6.OCT.2022 23:30:15

Highest Band Edge / 1RB0 and 1RBMAX



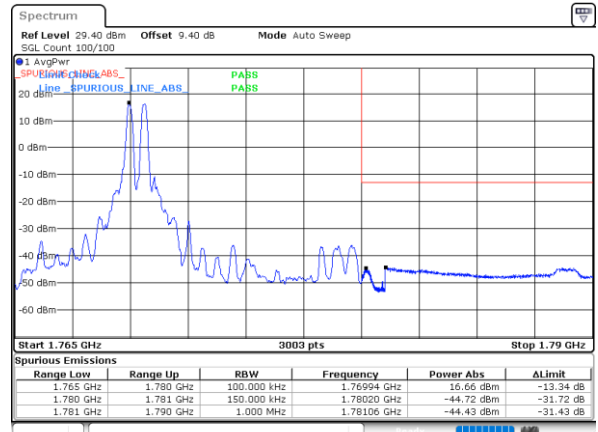
Date: 6.OCT.2022 23:48:12

Lowest Band Edge / 1RBMAX and 1RB0



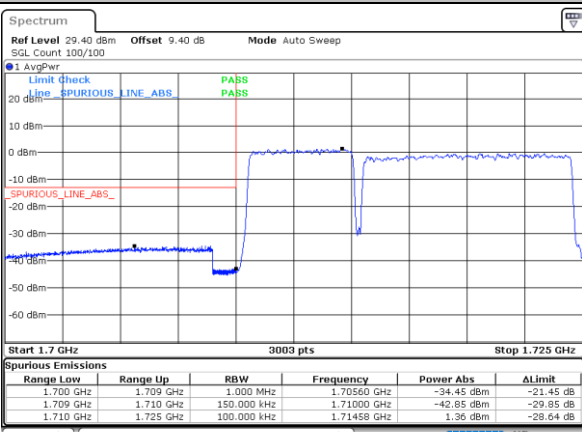
Date: 6.OCT.2022 23:31:22

Highest Band Edge / 1RBMAX and 1RB0



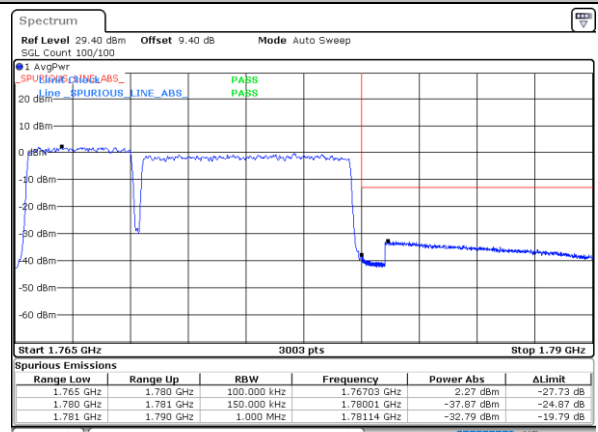
Date: 6.OCT.2022 23:42:40

Lowest Band Edge / Full RB



Date: 6.OCT.2022 23:24:43

Highest Band Edge / Full RB



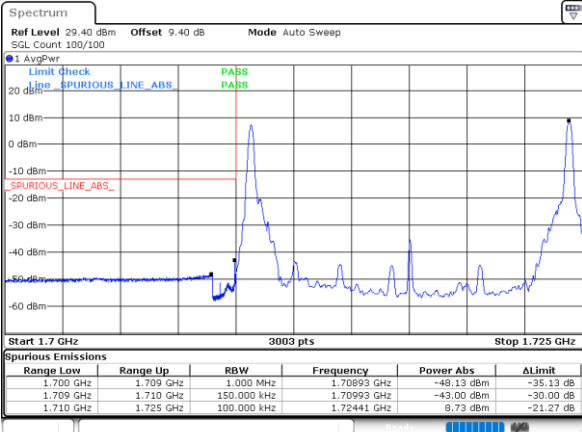
Date: 6.OCT.2022 23:49:19



LTE Band 66B / 5MHz+10MHz

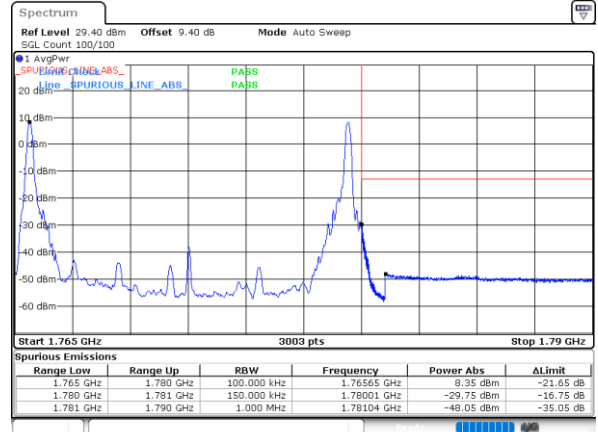
16QAM

Lowest Band Edge / 1RB0 and 1RBMAX



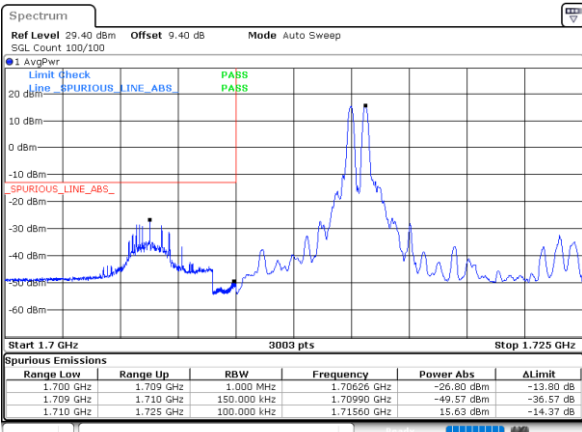
Date: 6.OCT.2022 23:29:09

Highest Band Edge / 1RB0 and 1RBMAX



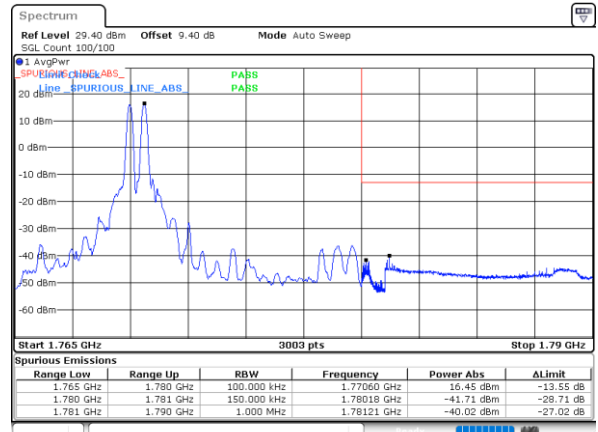
Date: 6.OCT.2022 23:47:05

Lowest Band Edge / 1RBMAX and 1RB0



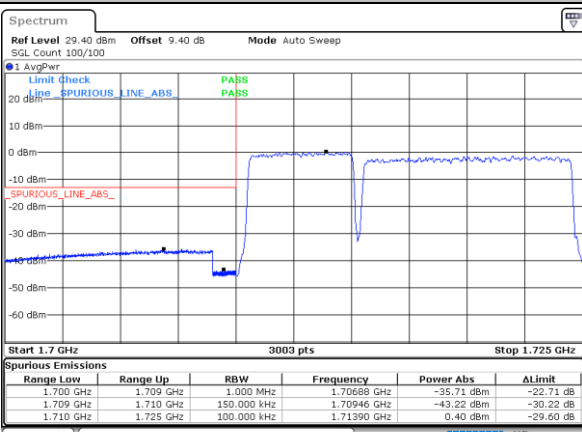
Date: 6.OCT.2022 23:32:28

Highest Band Edge / 1RBMAX and 1RB0



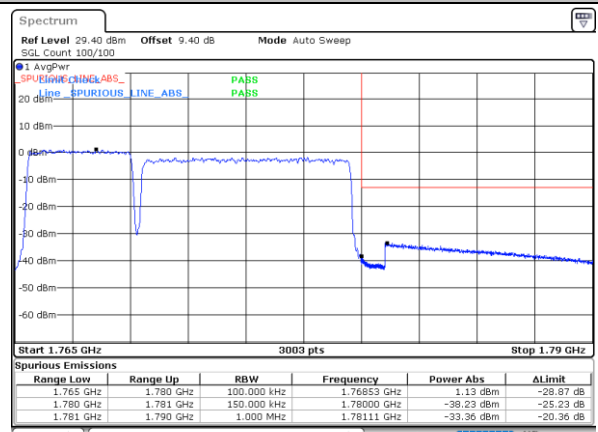
Date: 6.OCT.2022 23:43:46

Lowest Band Edge / Full RB



Date: 6.OCT.2022 23:25:49

Highest Band Edge / Full RB



Date: 6.OCT.2022 23:50:24