

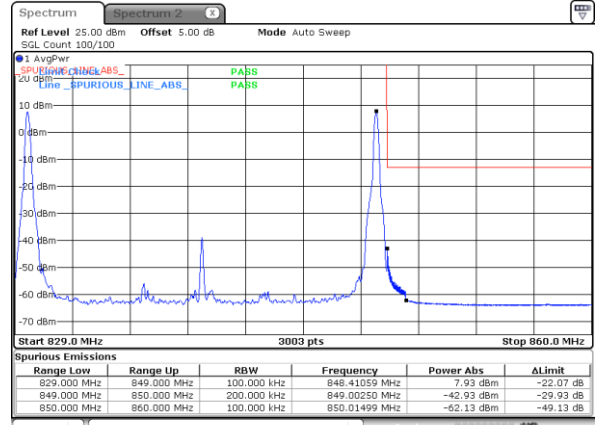
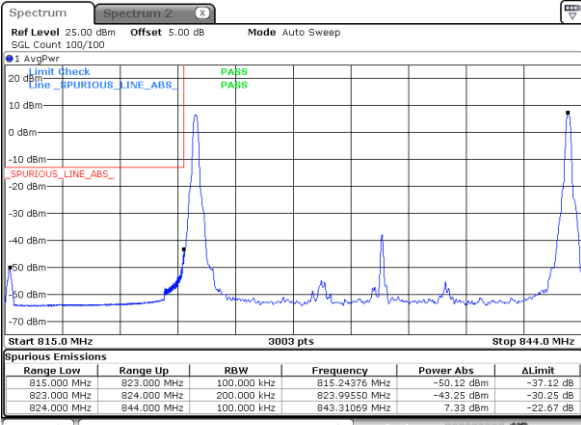


LTE Band 5B / 10MHz+10MHz

16QAM

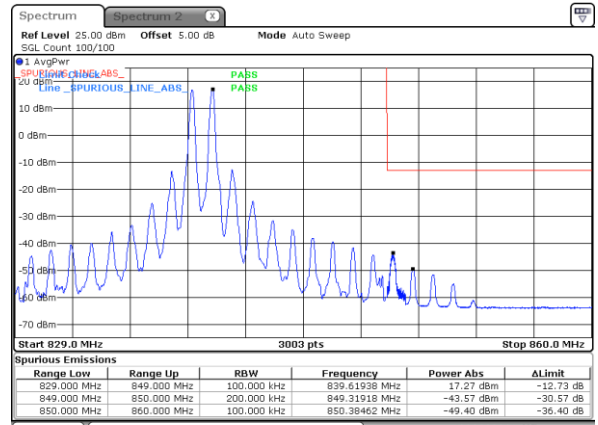
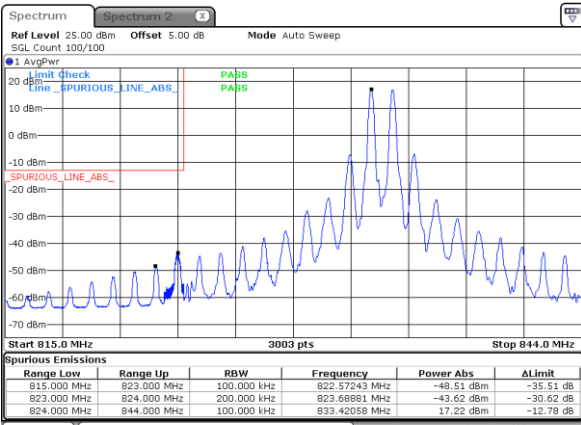
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



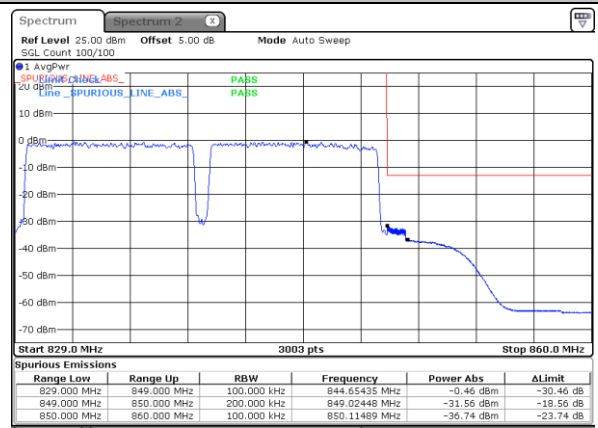
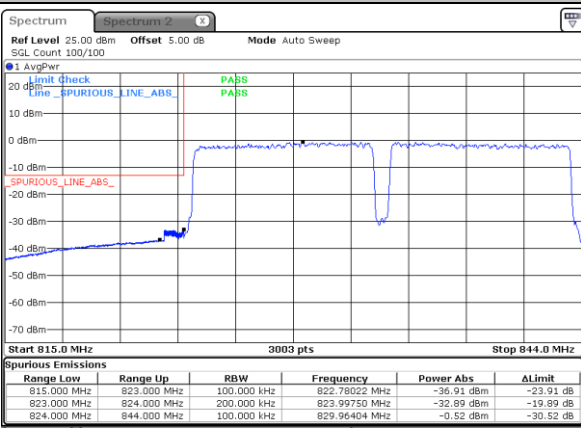
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



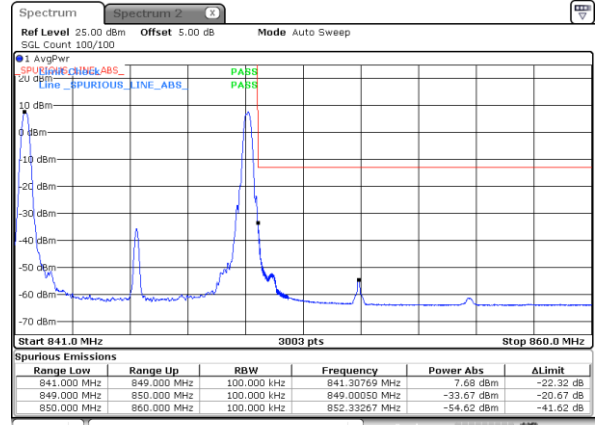
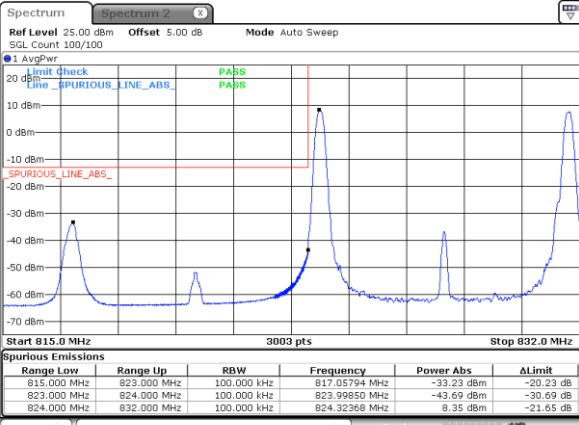


LTE Band 5B / 3MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

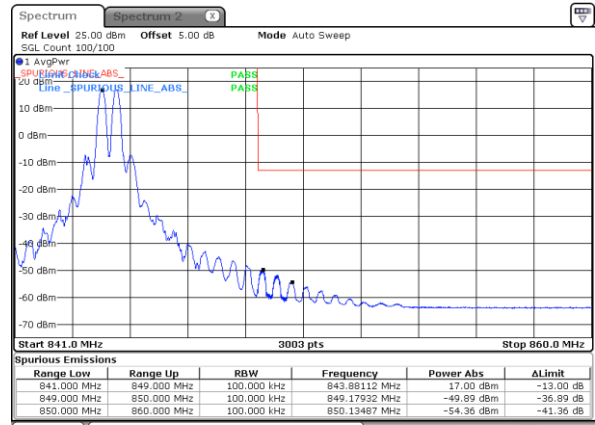
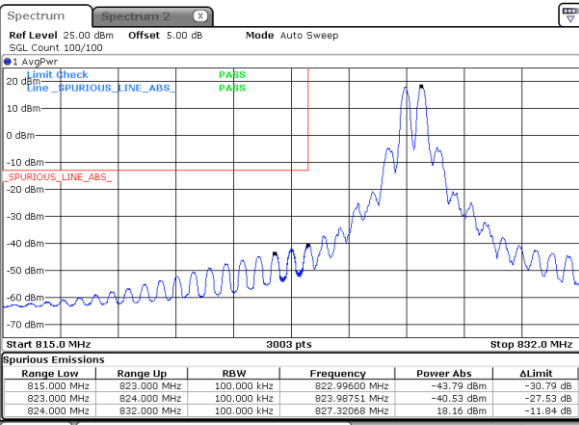


Date: 23.OCT.2023 15:49:37

Date: 23.OCT.2023 16:35:31

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

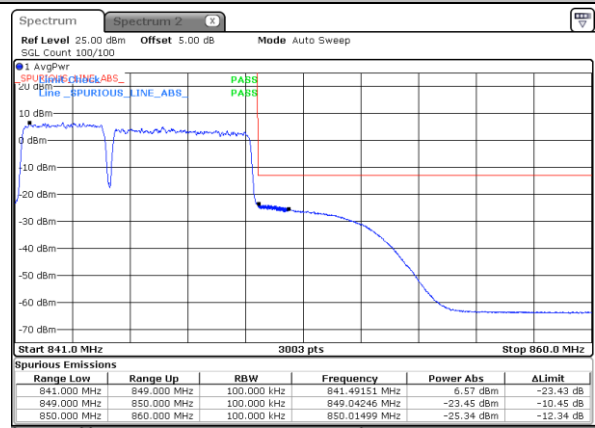
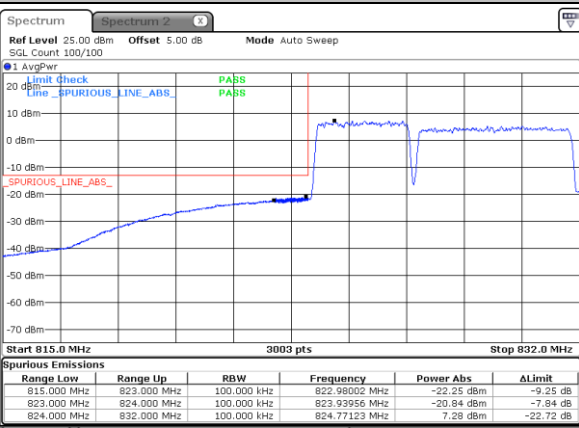


Date: 23.OCT.2023 15:57:41

Date: 23.OCT.2023 16:43:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 15:41:33

Date: 23.OCT.2023 16:27:35

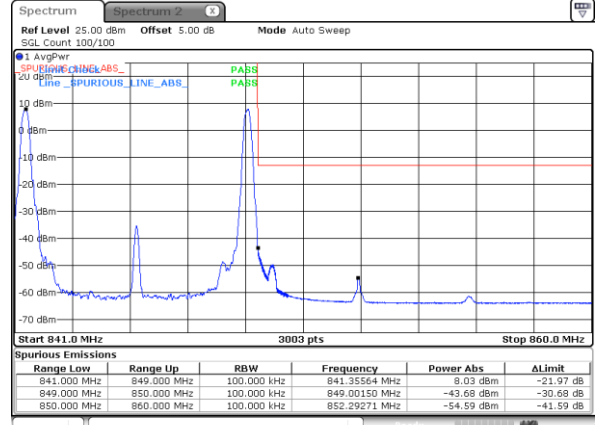
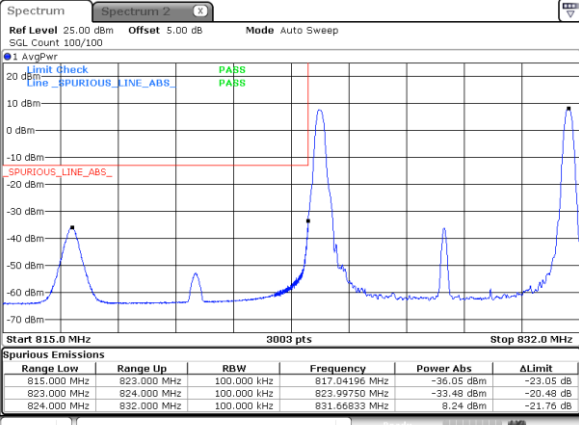


LTE Band 5B / 5MHz+3MHz

64QAM

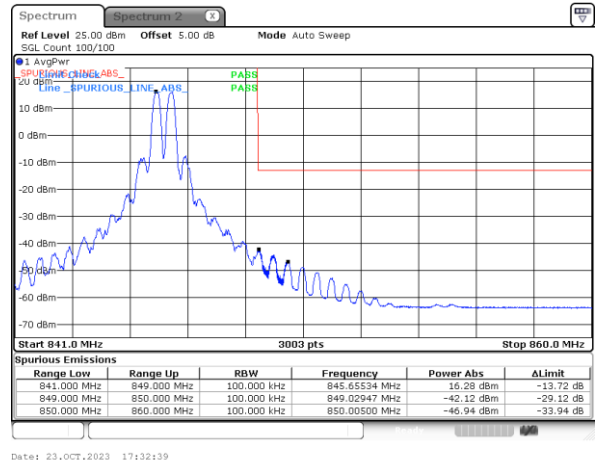
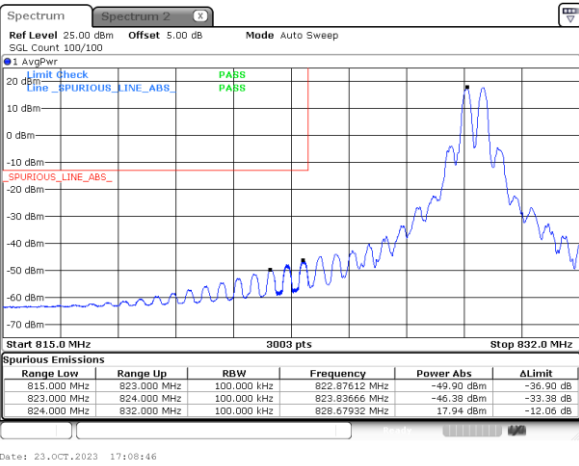
Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14



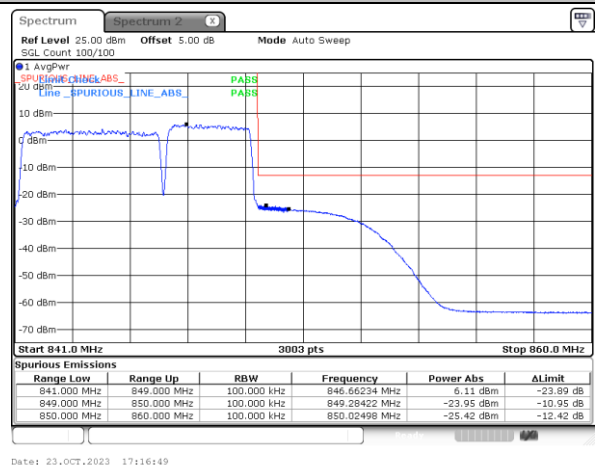
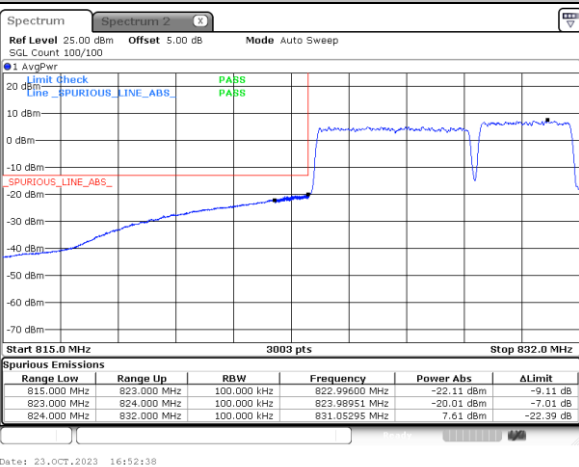
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



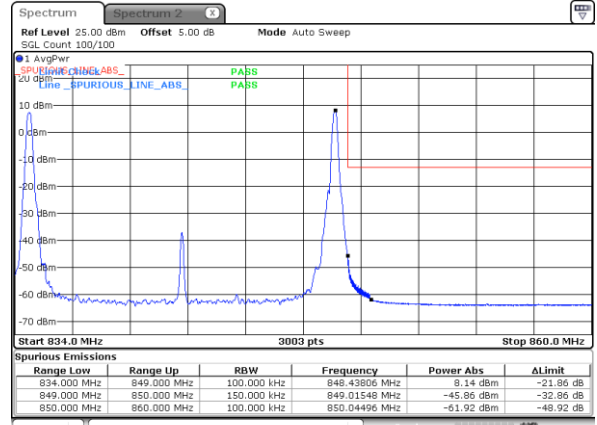
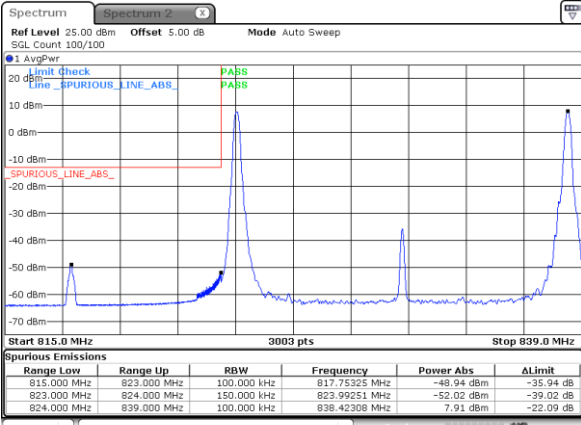


LTE Band 5B / 5MHz+10MHz

64QAM

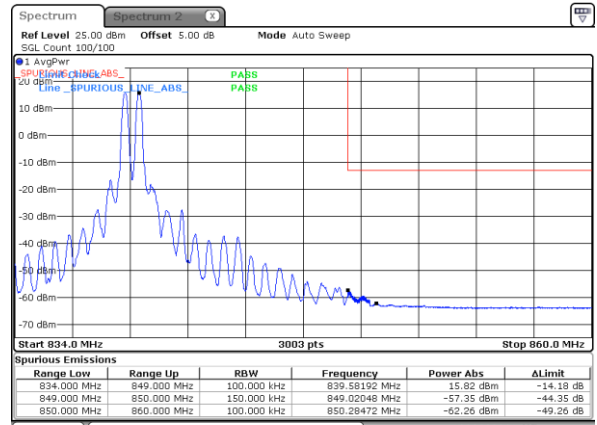
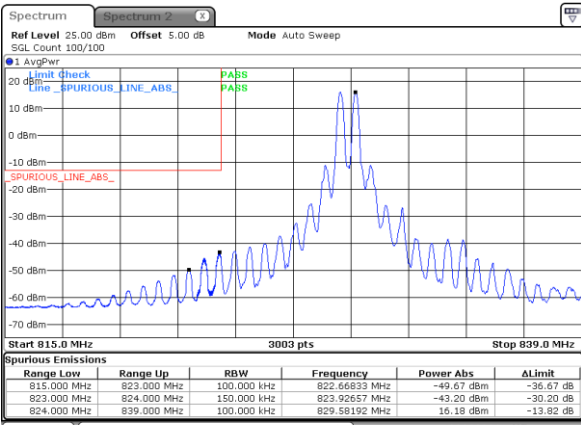
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



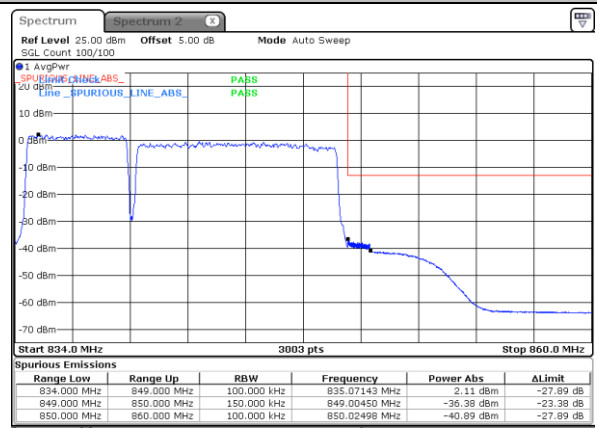
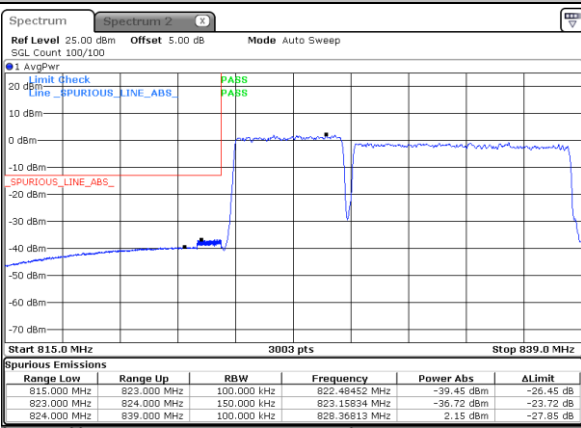
Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



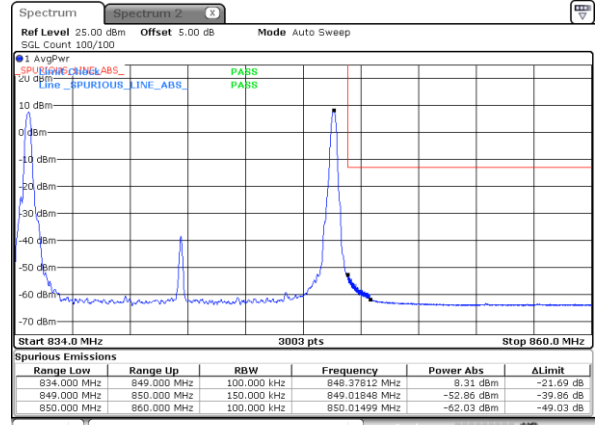
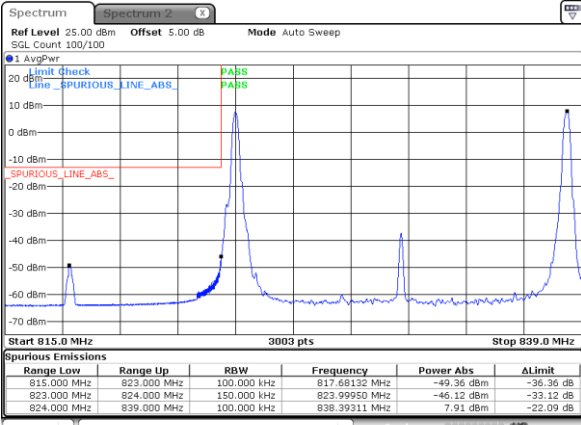


LTE Band 5B / 10MHz+5MHz

64QAM

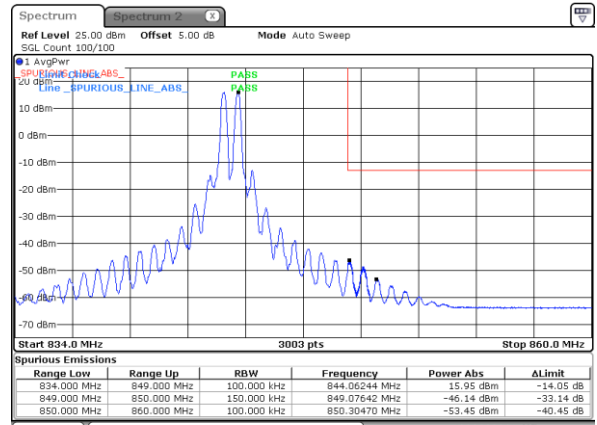
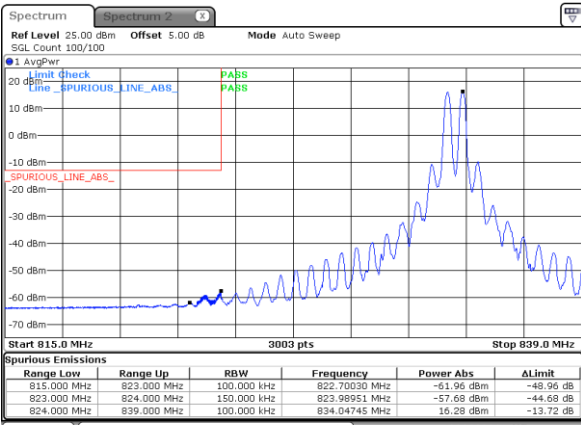
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



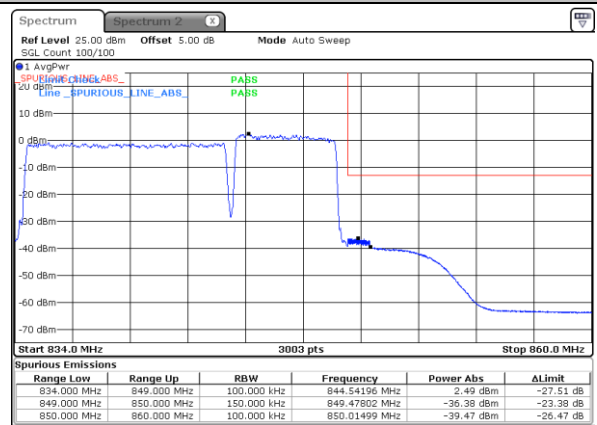
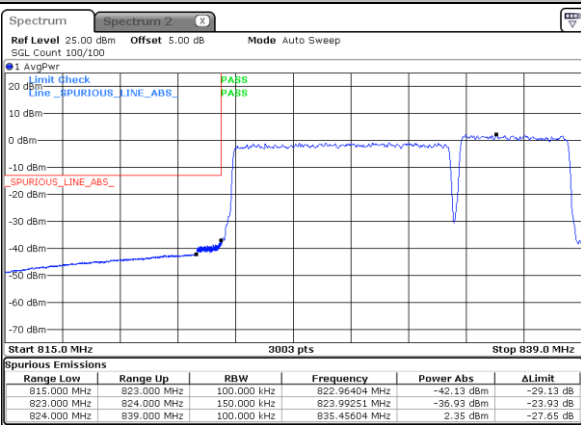
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



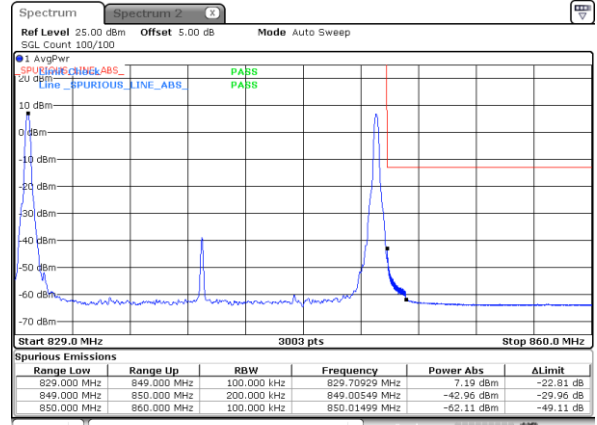
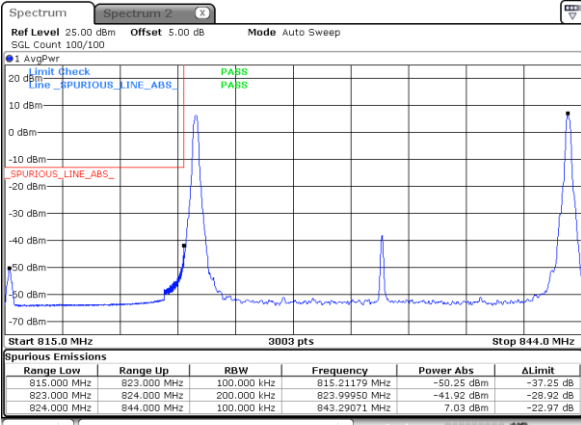


LTE Band 5B / 10MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

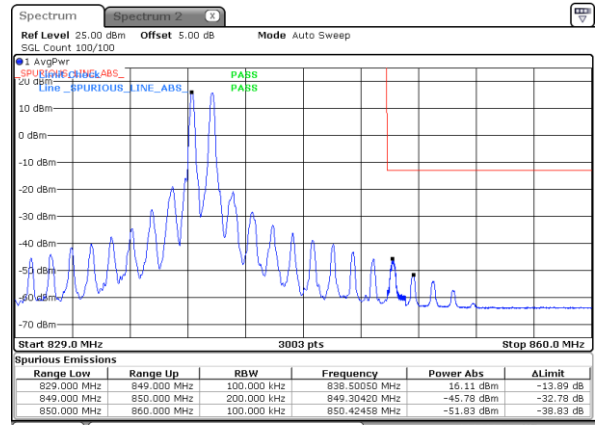
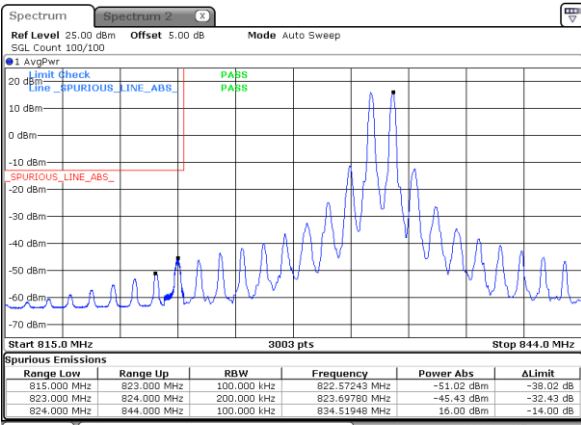


Date: 23.OCT.2023 19:31:10

Date: 23.OCT.2023 19:55:51

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

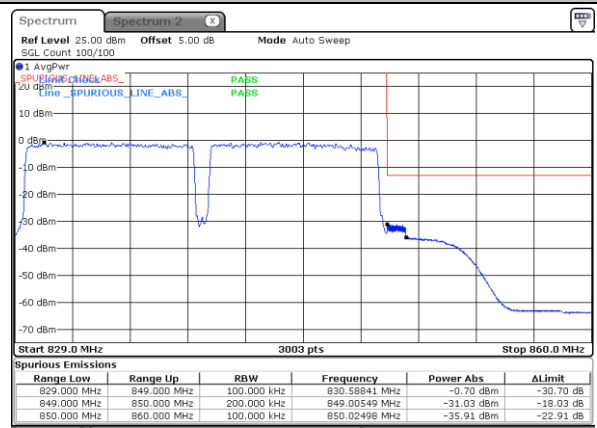
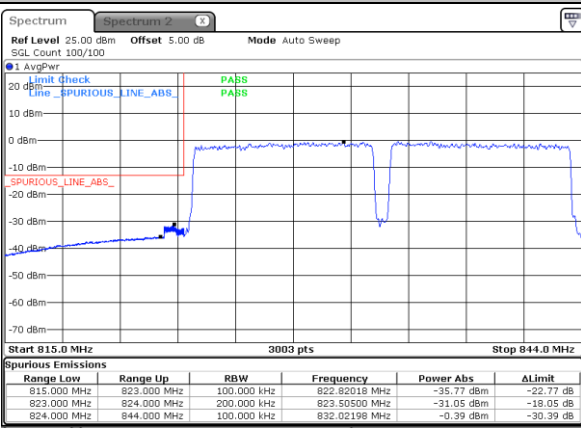


Date: 23.OCT.2023 19:39:12

Date: 23.OCT.2023 20:03:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 19:23:06

Date: 23.OCT.2023 19:47:57

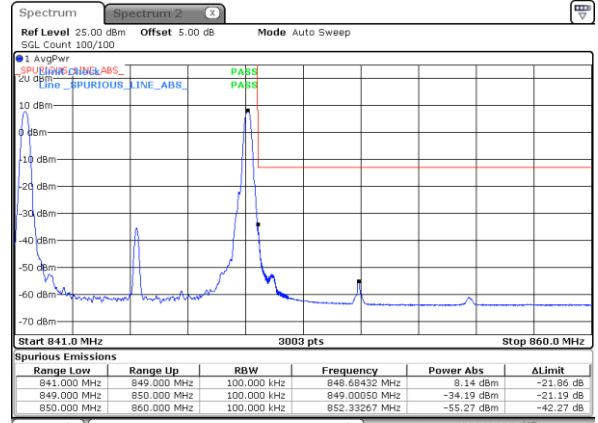
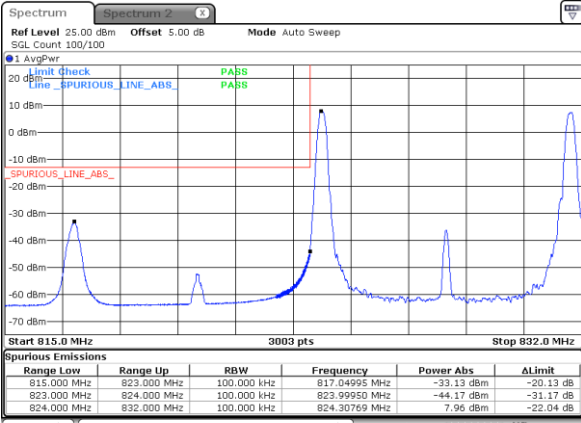


LTE Band 5B / 3MHz+5MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

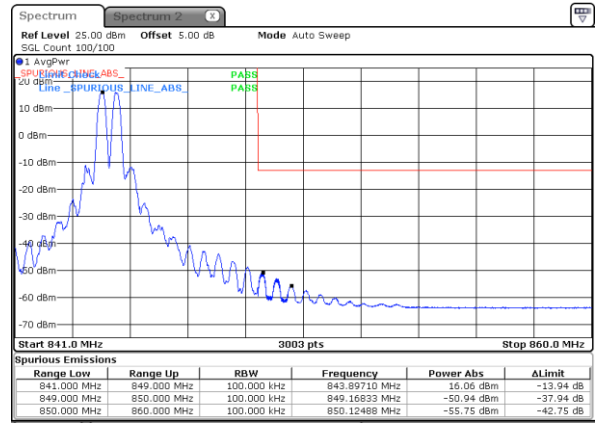
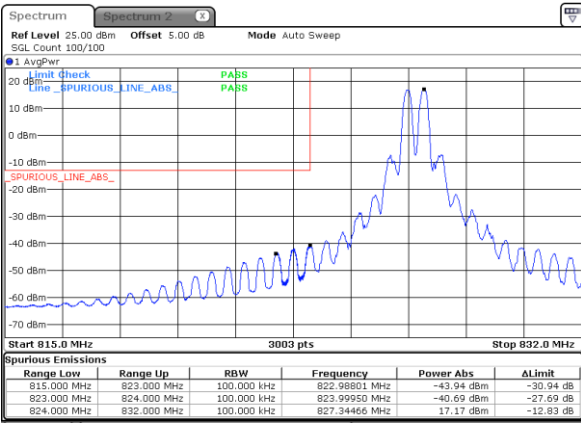


Date: 23.OCT.2023 15:51:38

Date: 23.OCT.2023 16:17:30

Lowest Band Edge / 1RB14 and 1RB0

Highest Band Edge / 1RB14 and 1RB0

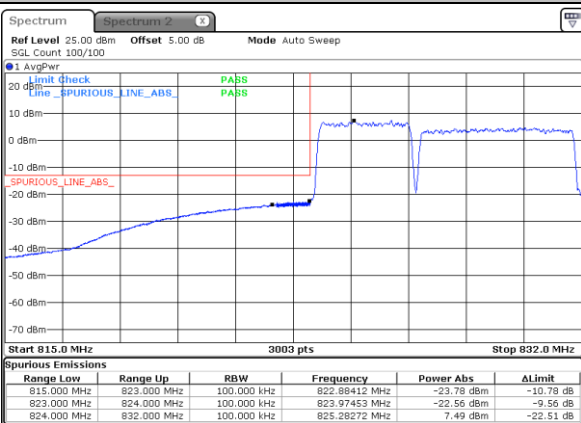


Date: 23.OCT.2023 15:59:42

Date: 23.OCT.2023 16:45:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 15:43:34

Date: 23.OCT.2023 16:29:34

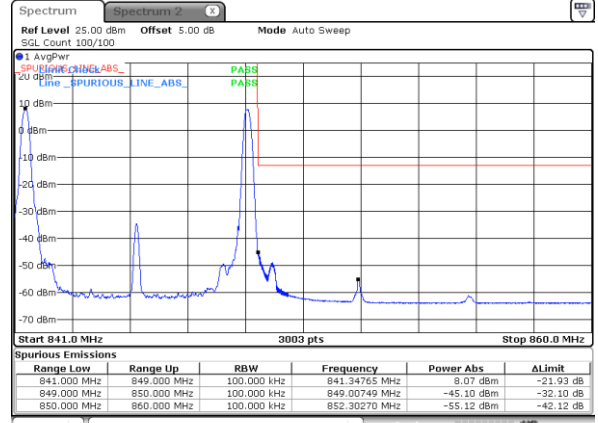
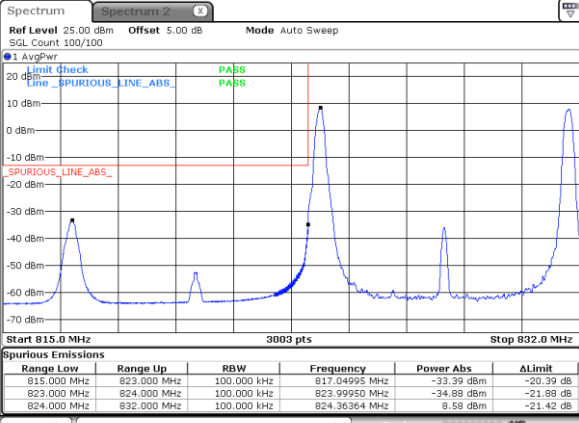


LTE Band 5B / 5MHz+3MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB14

Highest Band Edge / 1RB0 and 1RB14

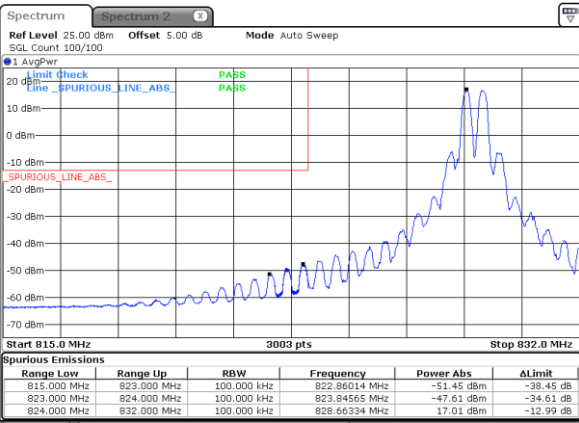


Date: 23.OCT.2023 17:02:43

Date: 23.OCT.2023 17:26:43

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

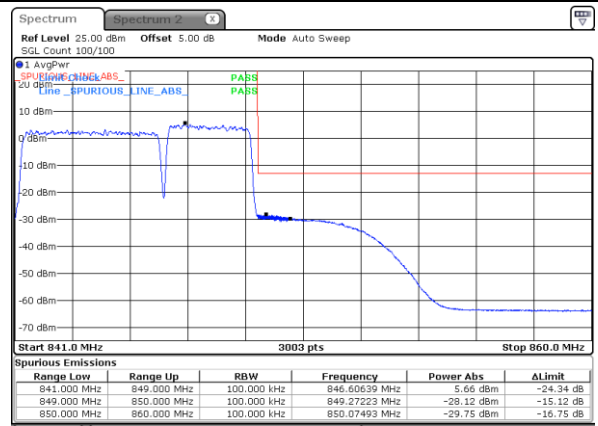
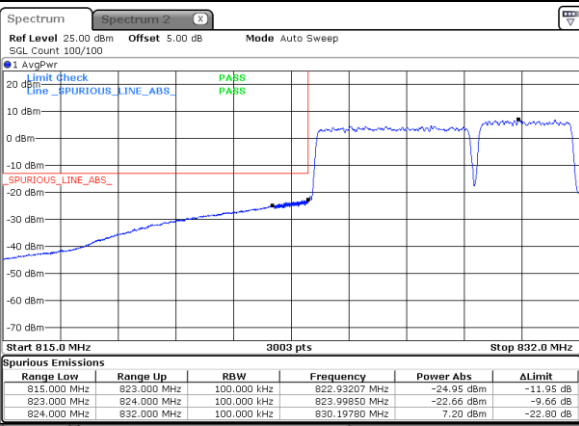


Date: 23.OCT.2023 17:10:47

Date: 23.OCT.2023 17:34:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 16:54:39

Date: 23.OCT.2023 17:18:48

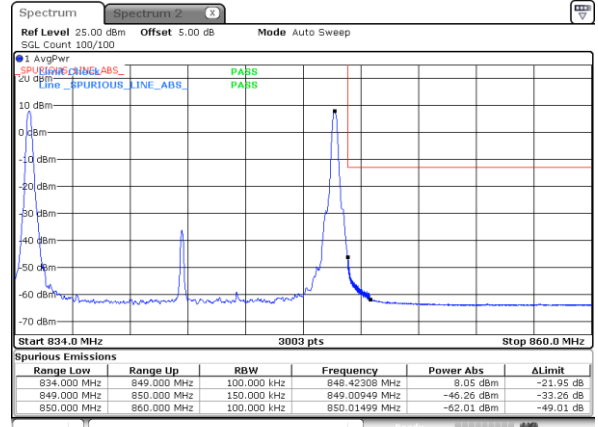
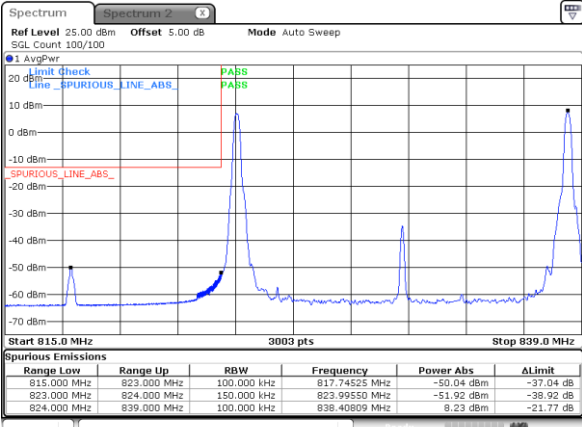


LTE Band 5B / 5MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

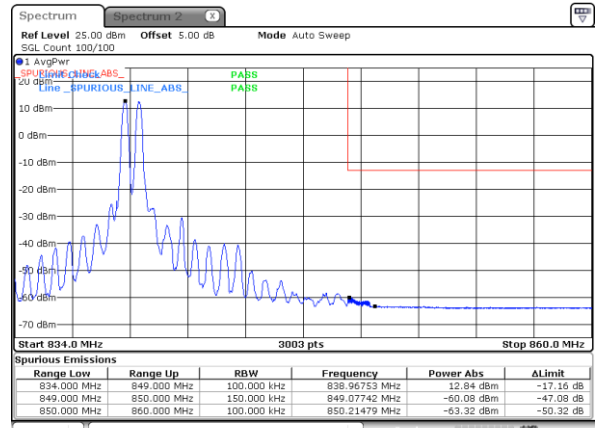
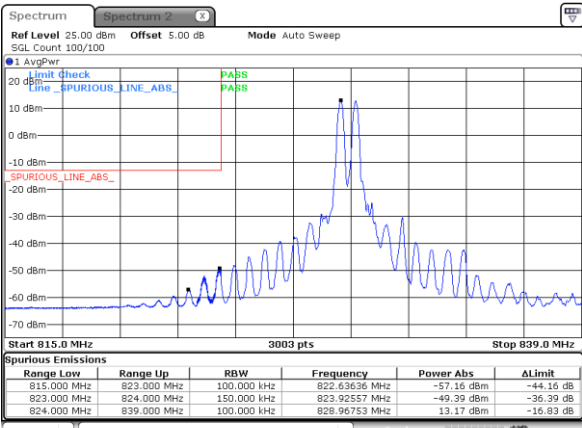


Date: 23.OCT.2023 17:53:44

Date: 23.OCT.2023 18:17:43

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

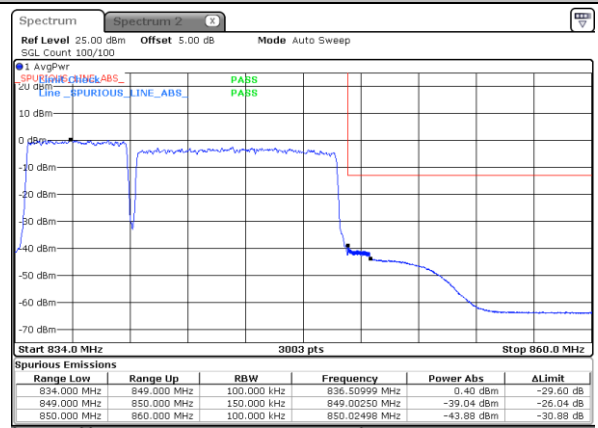
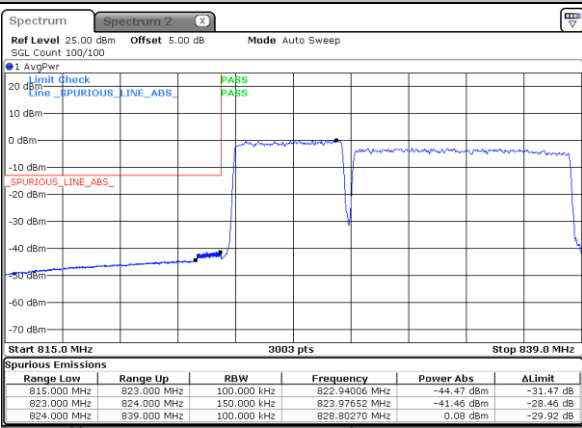


Date: 23.OCT.2023 18:01:47

Date: 23.OCT.2023 18:25:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 17:45:40

Date: 23.OCT.2023 18:09:48

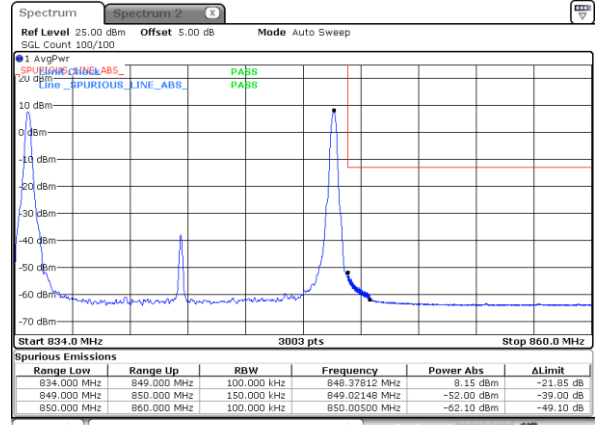
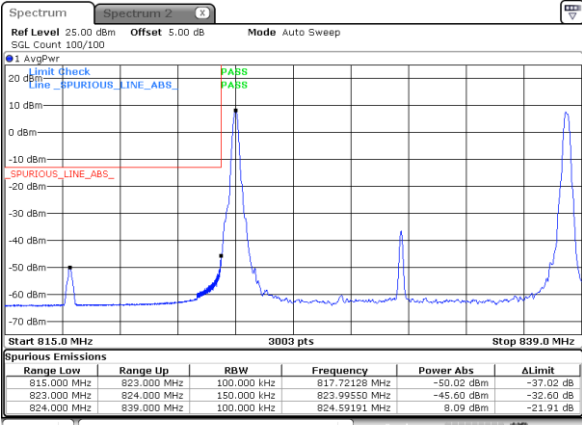


LTE Band 5B / 10MHz+5MHz

256QAM

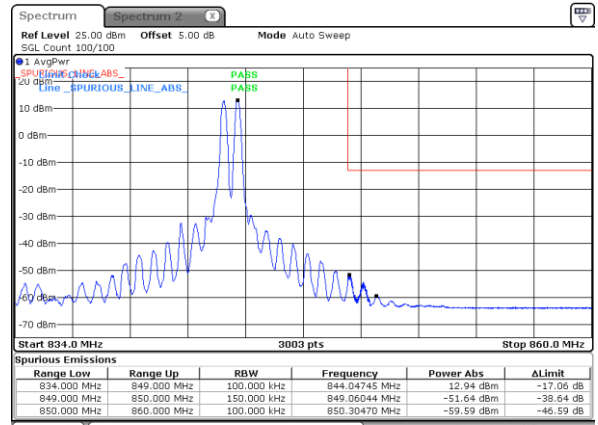
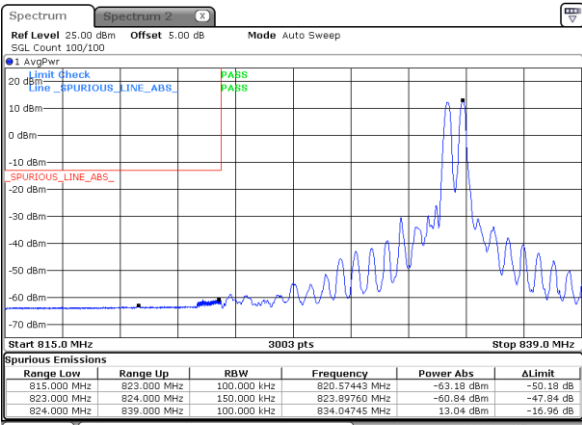
Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24



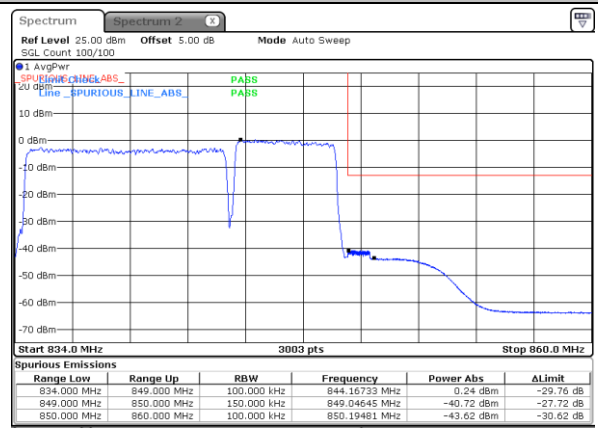
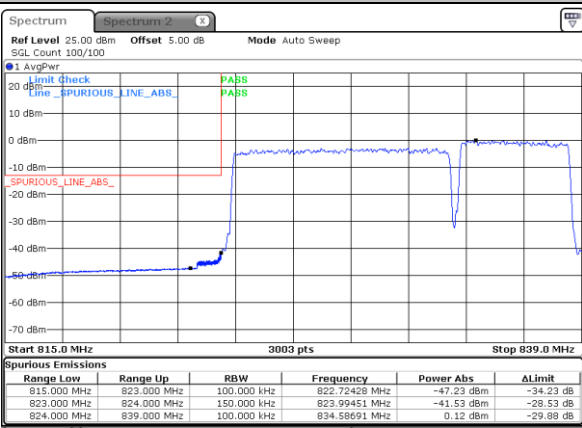
Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



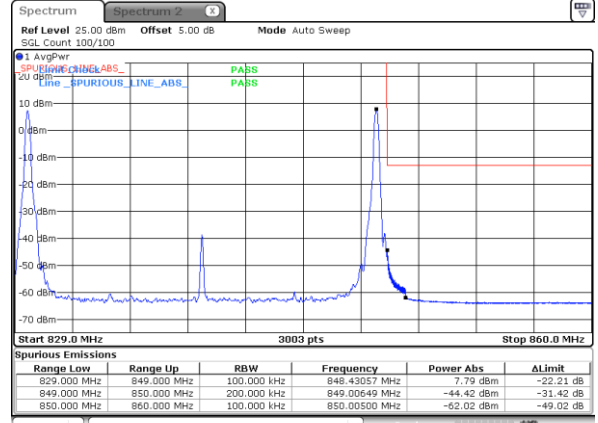
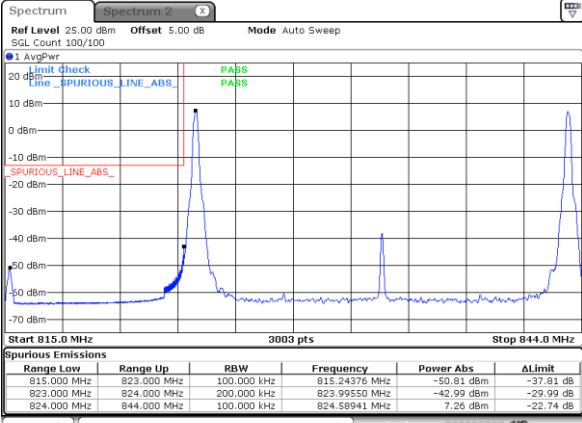


LTE Band 5B / 10MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

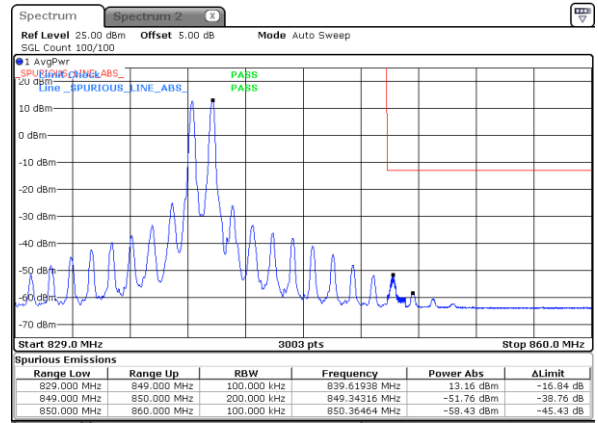
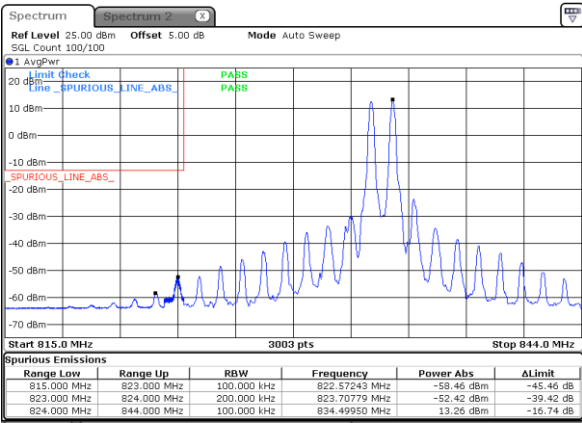


Date: 23.OCT.2023 19:33:10

Date: 23.OCT.2023 19:57:50

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

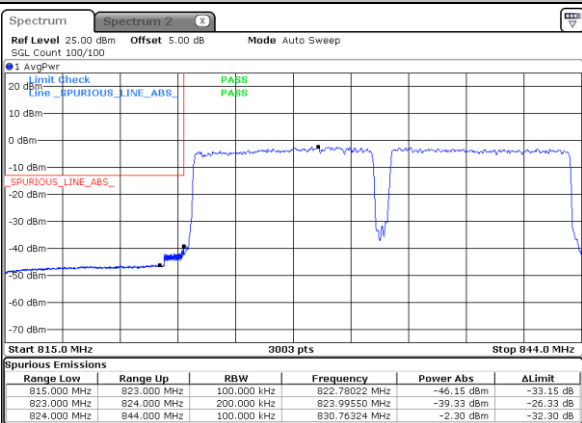


Date: 23.OCT.2023 19:41:13

Date: 23.OCT.2023 20:05:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23.OCT.2023 19:25:07

Date: 23.OCT.2023 19:49:55



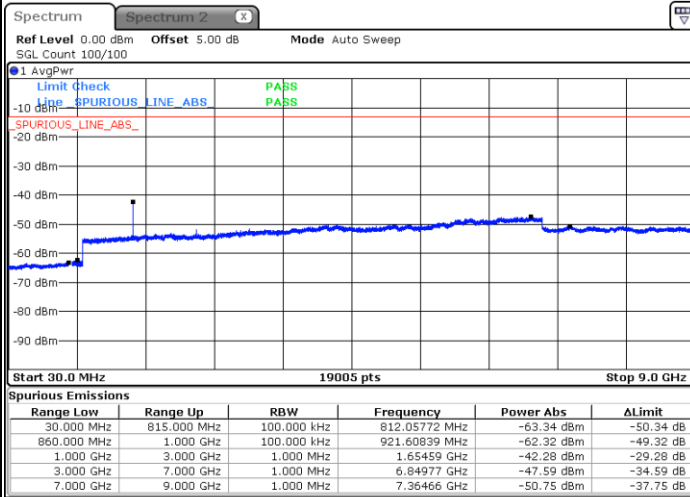
Conducted Spurious Emission

LTE Band 5B / 3MHz+5MHz

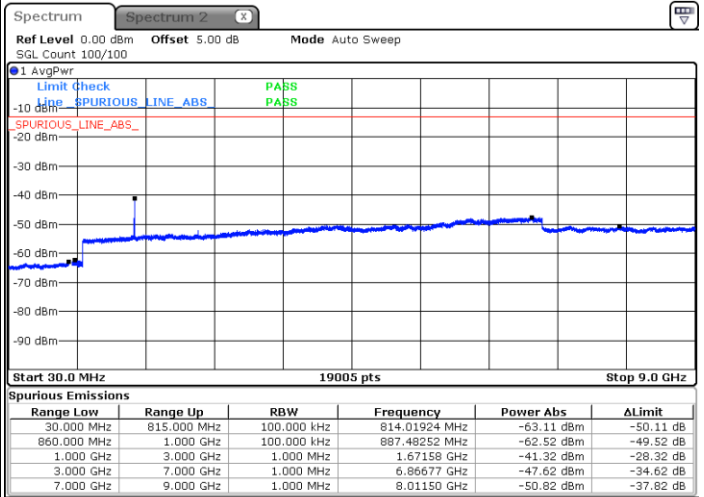
QPSK

Lowest Channel / 1RB14 and 1RB0

Middle Channel / 1RB14 and 1RB0

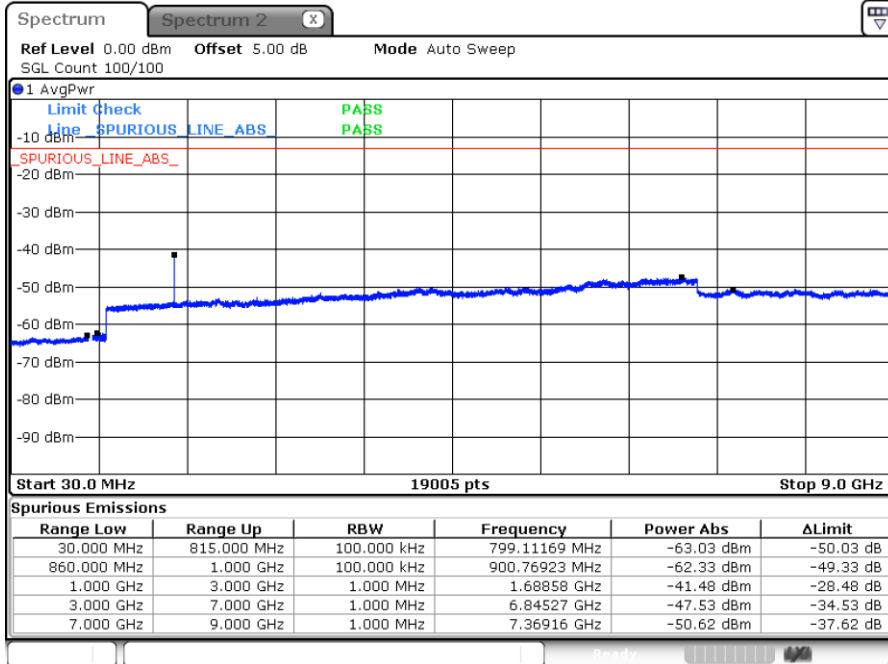


Date: 23.OCT.2023 20:12:30



Date: 23.OCT.2023 20:14:03

Highest Channel / 1RB14 and 1RB0



Date: 23.OCT.2023 20:17:28

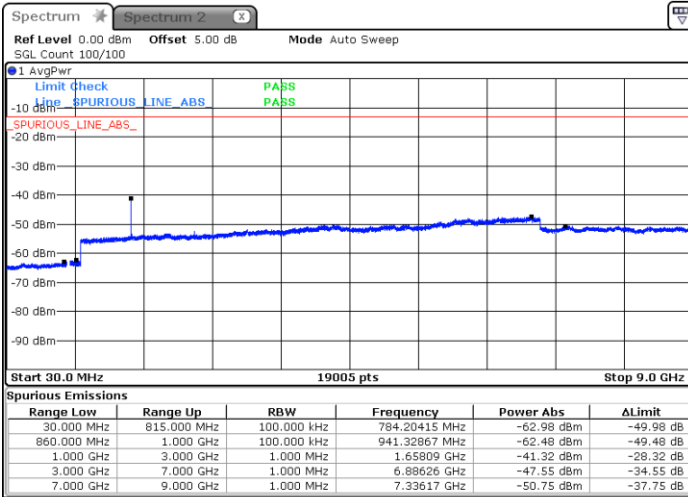


LTE Band 5B / 5MHz+3MHz

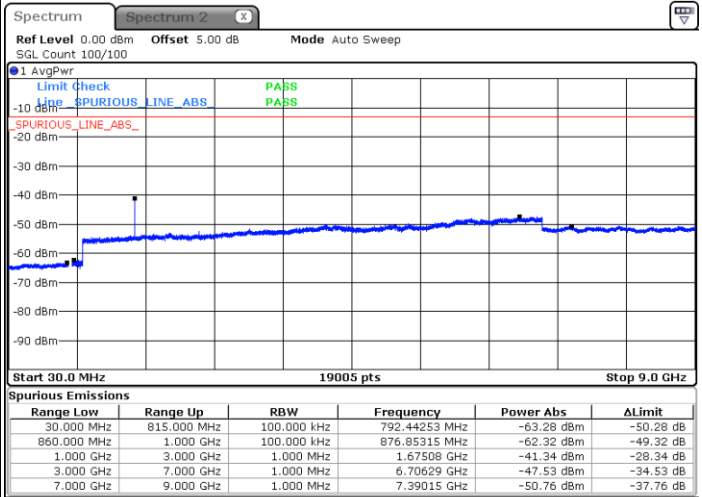
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

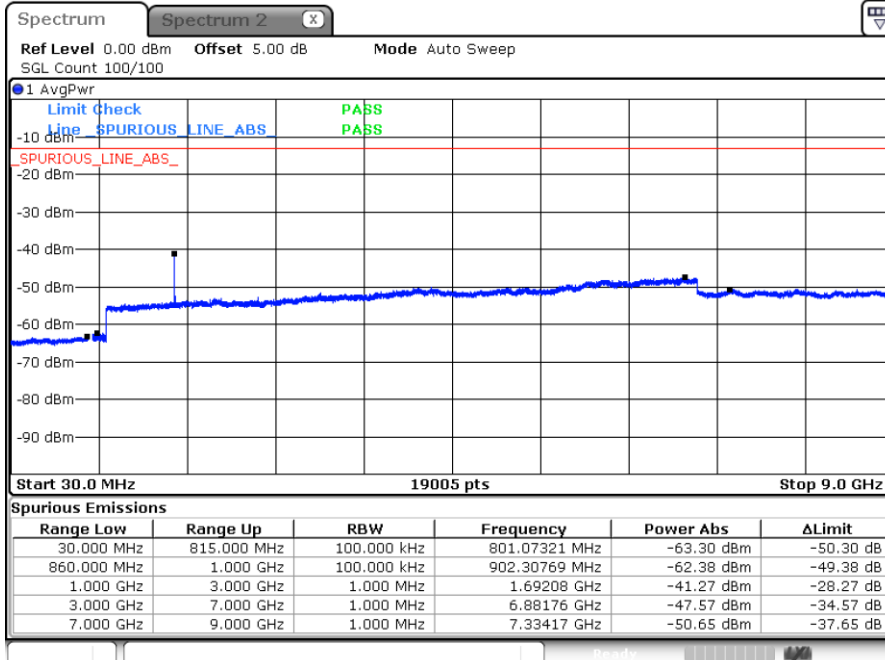


Date: 23.OCT.2023 20:19:02



Date: 23.OCT.2023 20:21:52

Highest Channel / 1RB24 and 1RB0



Date: 23.OCT.2023 20:25:18

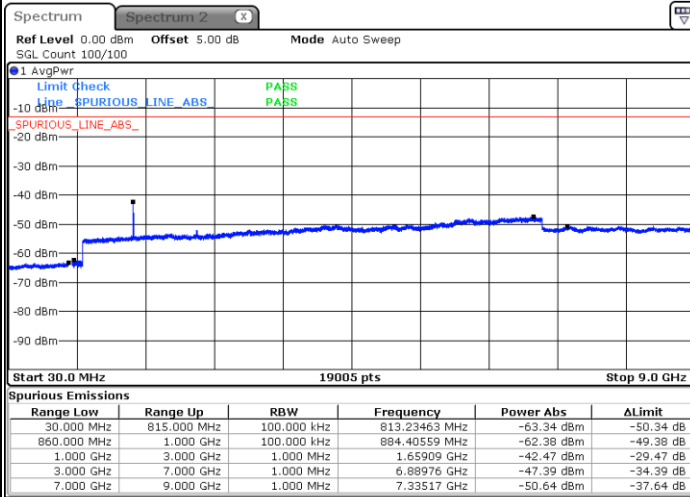


LTE Band 5B / 5MHz+10MHz

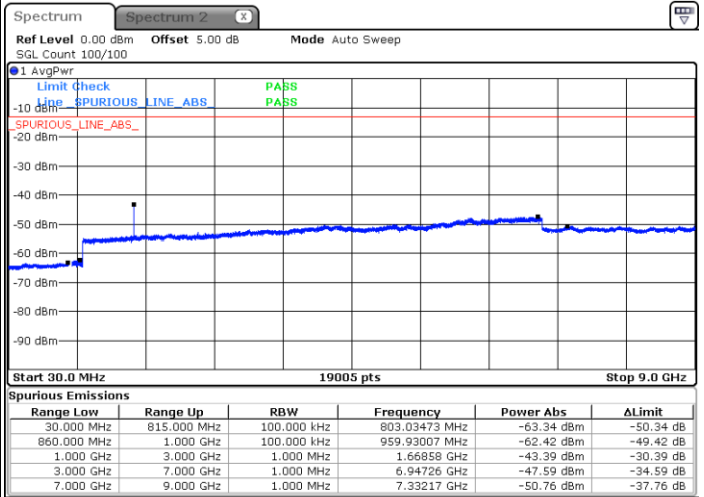
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

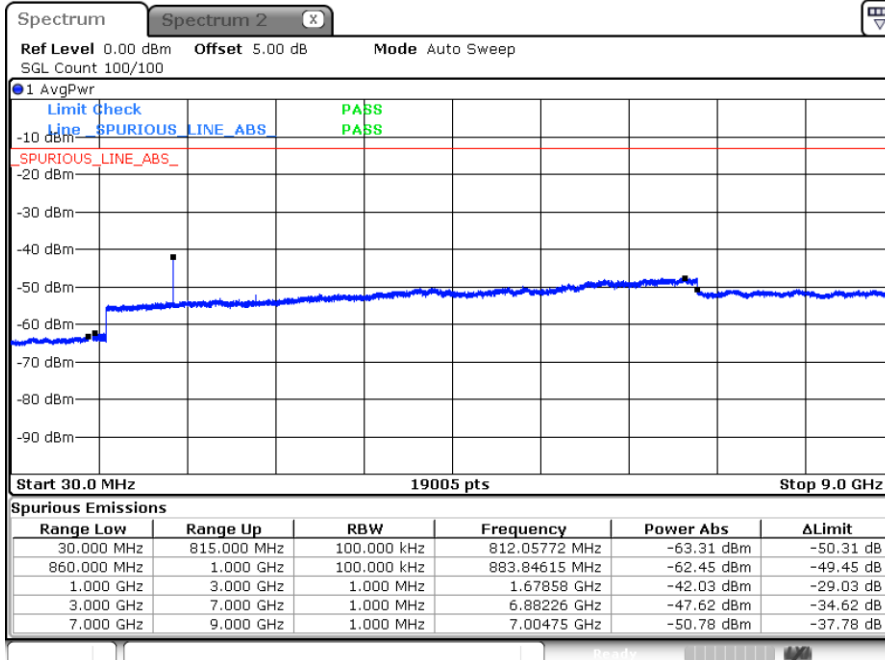


Date: 23.OCT.2023 20:26:52



Date: 23.OCT.2023 20:28:26

Highest Channel / 1RB24 and 1RB0



Date: 23.OCT.2023 20:31:51

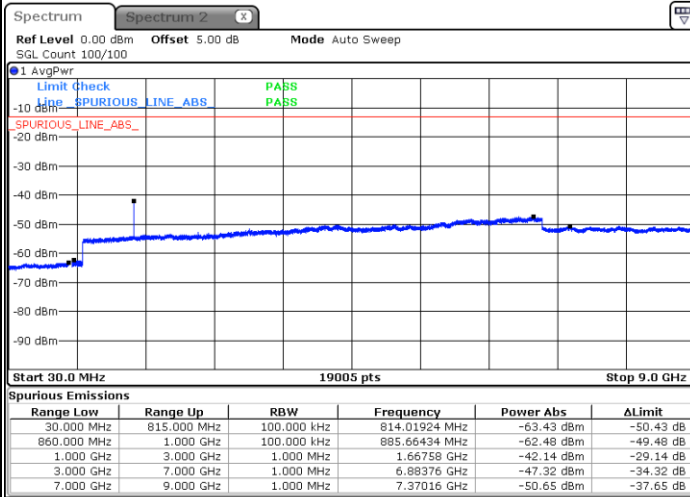


LTE Band 5B / 10MHz+5MHz

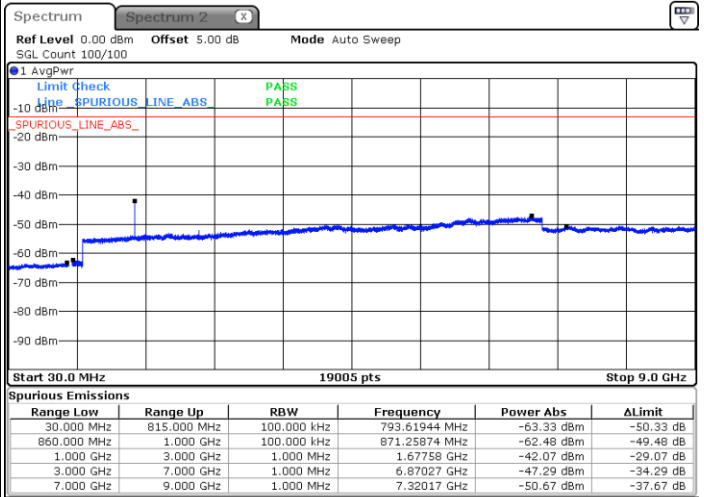
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

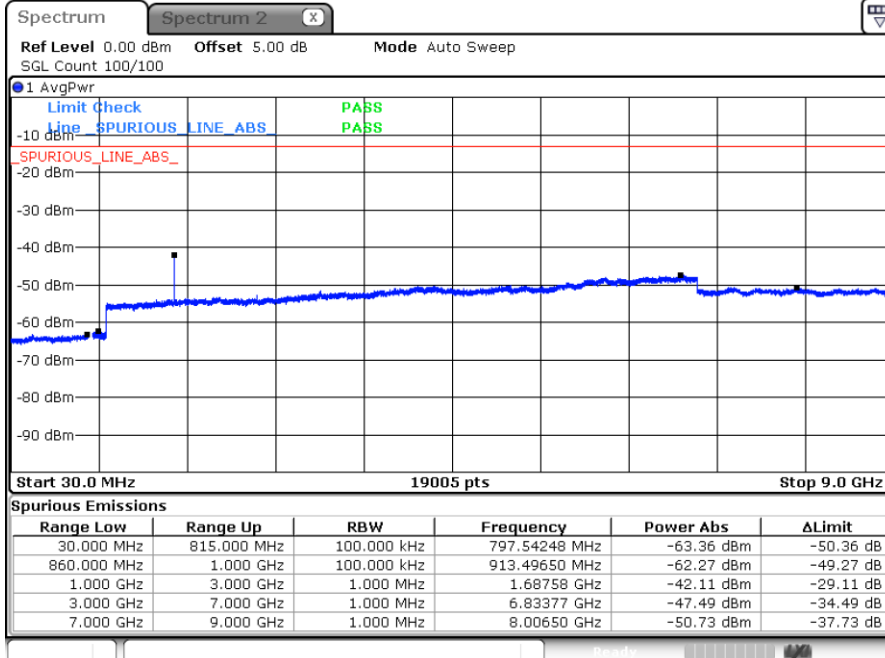


Date: 23.OCT.2023 20:33:53



Date: 23.OCT.2023 20:36:03

Highest Channel / 1RB49 and 1RB0



Date: 23.OCT.2023 20:39:28

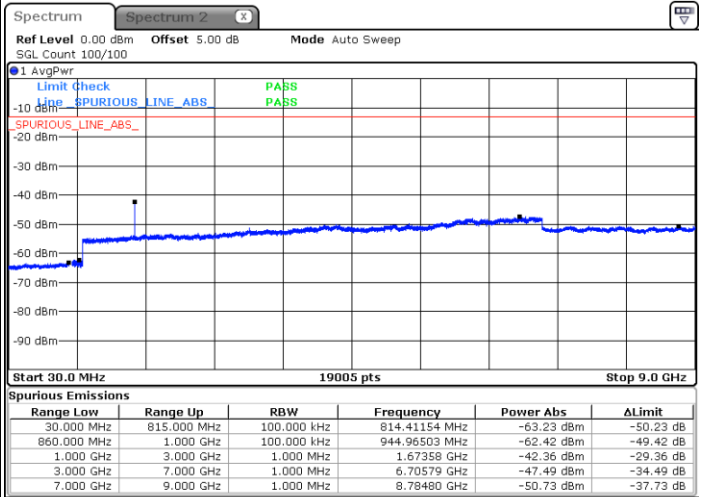
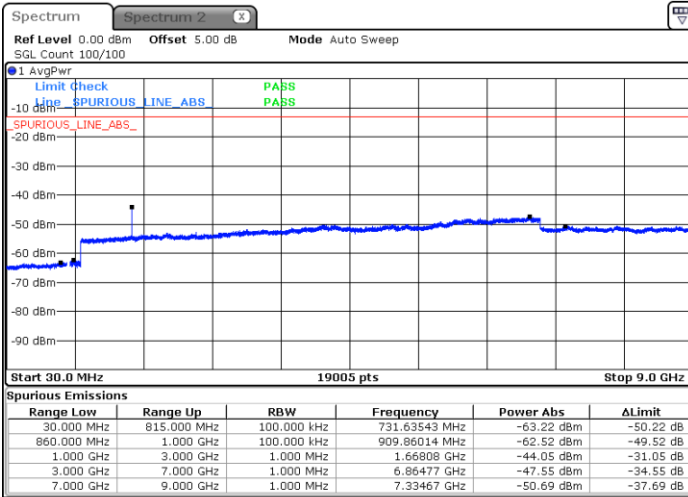


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

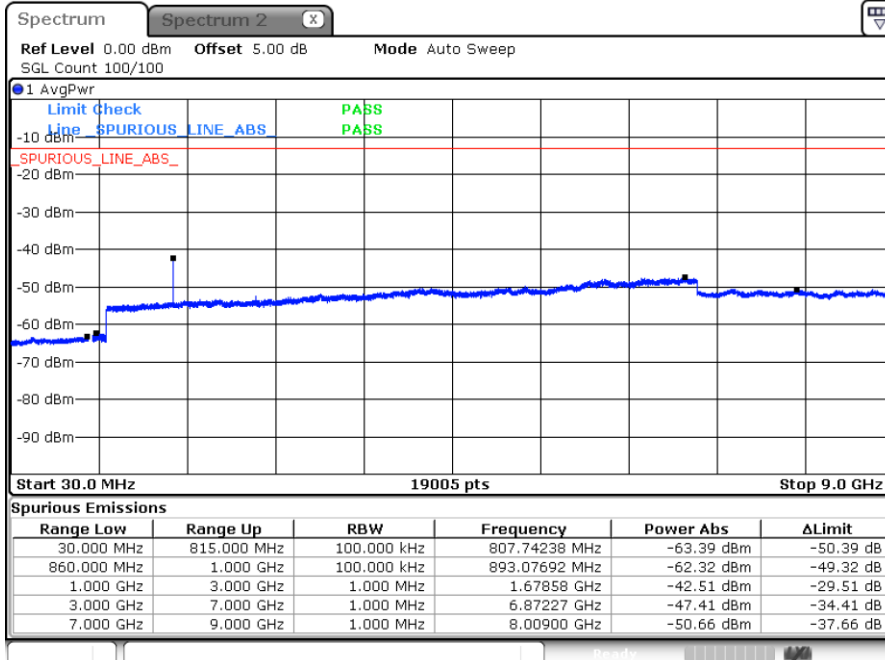
Middle Channel / 1RB49 and 1RB0



Date: 23.OCT.2023 20:41:02

Date: 23.OCT.2023 20:42:36

Highest Channel / 1RB49 and 1RB0



Date: 23.OCT.2023 20:46:01



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	0.0017	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0046	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0057	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.91V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66B

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	9.99	10.01
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	14.66	14.66
BW	5MHz+15MHz	5MHz+15MHz
Middle CH	18.94	18.82
BW	10MHz+5MHz	10MHz+5MHz
Middle CH	14.63	14.60
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	19.58	19.62
BW	15MHz+5MHz	15MHz+5MHz
Middle CH	19.06	19.02



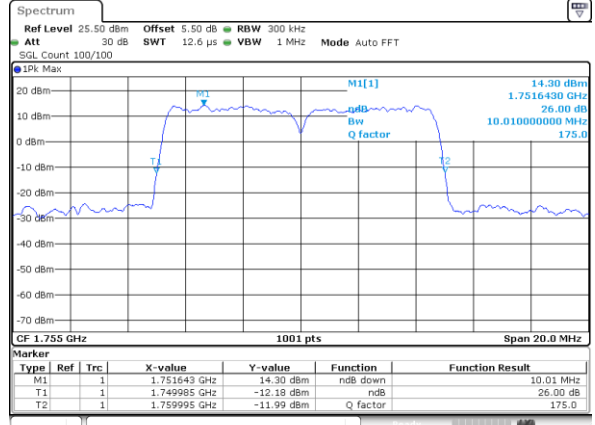
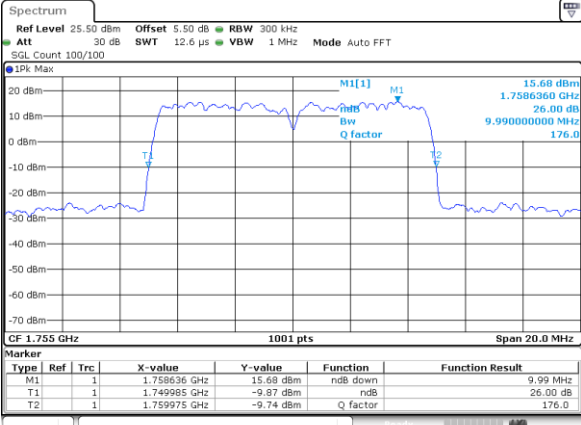
LTE Band 66B

QPSK

16QAM

Middle Channel / 5MHz+5MHz

Middle Channel / 5MHz+5MHz

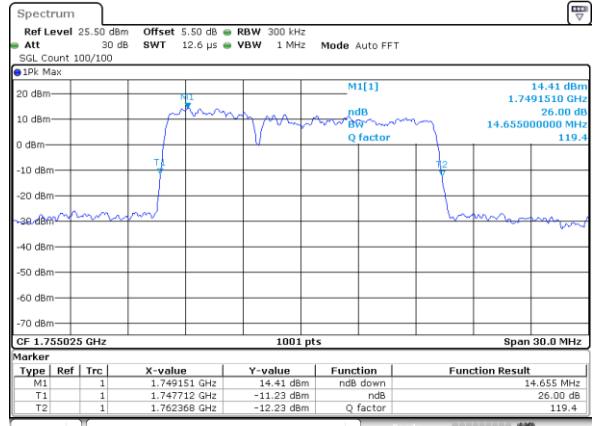
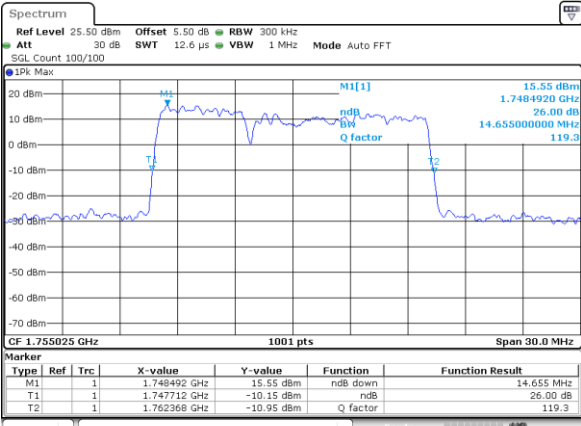


Date: 23.OCT.2023 08:41:08

Date: 23.OCT.2023 08:41:52

Middle Channel / 5MHz+10MHz

Middle Channel / 5MHz+10MHz

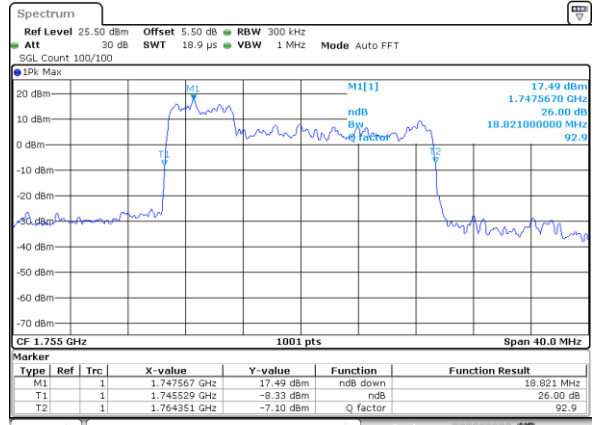
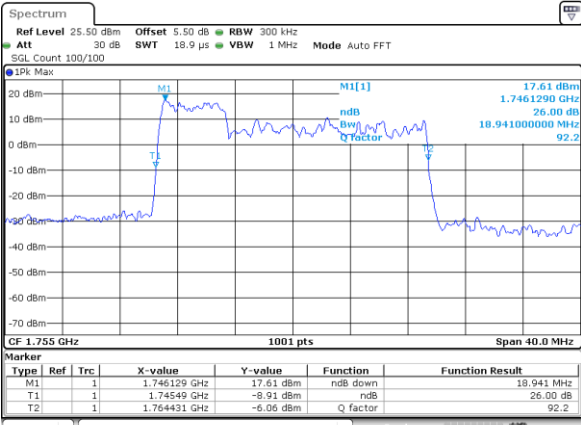


Date: 23.OCT.2023 09:16:14

Date: 23.OCT.2023 09:15:40

Middle Channel / 5MHz+15MHz

Middle Channel / 5MHz+15MHz



Date: 22.OCT.2023 11:33:24

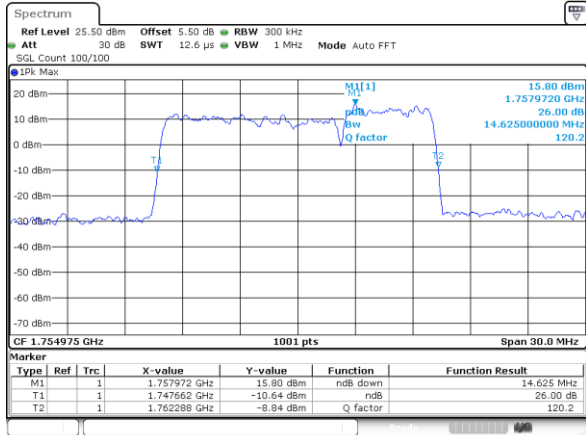
Date: 22.OCT.2023 11:33:52



LTE Band 66B

QPSK

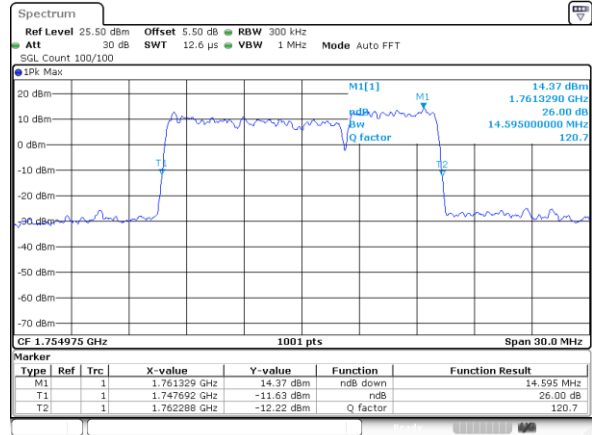
Middle Channel / 10MHz+5MHz



Date: 22.OCT.2023 12:03:36

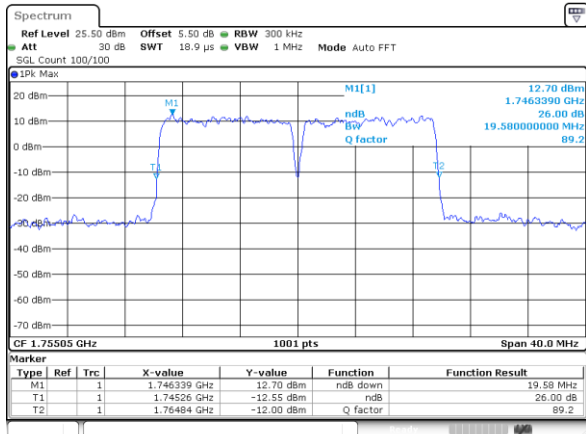
16QAM

Middle Channel / 10MHz+5MHz



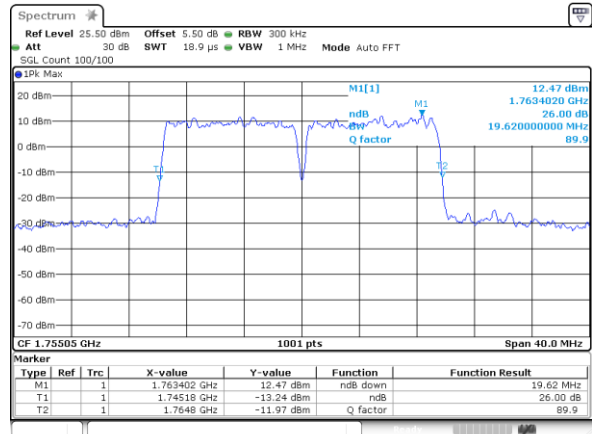
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Middle Channel / 10MHz+10MHz



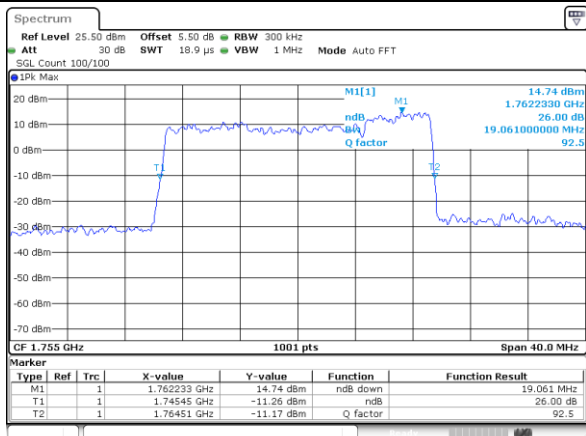
Date: 23.OCT.2023 09:24:32

Middle Channel / 10MHz+10MHz



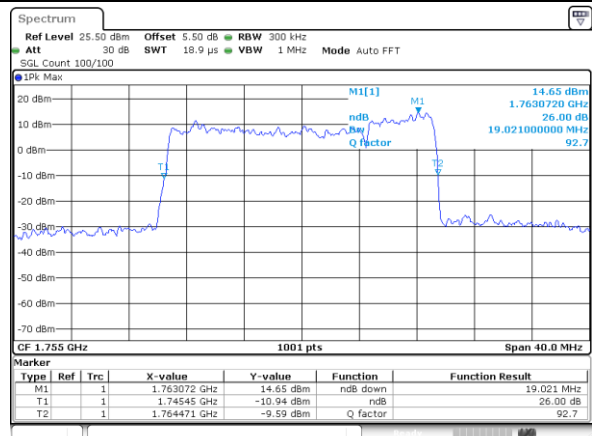
Date: 23.OCT.2023 09:25:09

Middle Channel / 15MHz+5MHz



Date: 22.OCT.2023 13:24:24

Middle Channel / 15MHz+5MHz



Date: 22.OCT.2023 13:24:52



Occupied Bandwidth

Mode	LTE Band 66B : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+5MHz	5MHz+5MHz
Middle CH	9.33	9.15
BW	5MHz+10MHz	5MHz+10MHz
Middle CH	14.00	13.91
BW	5MHz+15MHz	5MHz+15MHz
Middle CH	18.14	18.26
BW	10MHz+5MHz	10MHz+5MHz
Middle CH	13.94	13.91
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	18.78	18.66
BW	15MHz+5MHz	15MHz+5MHz
Middle CH	18.22	18.26



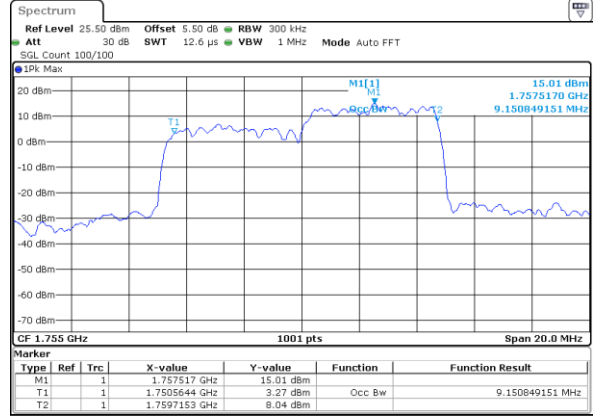
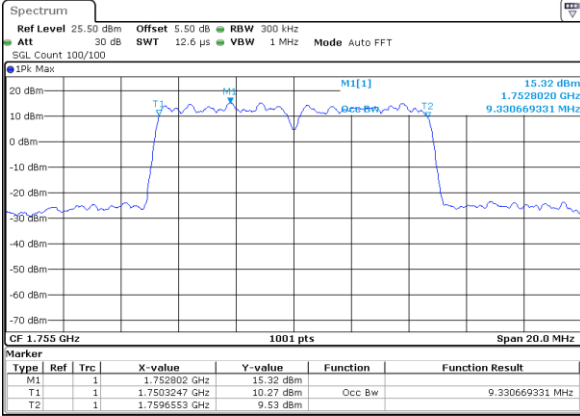
LTE Band 66B

QPSK

16QAM

Middle Channel / 5MHz+5MHz

Middle Channel / 5MHz+5MHz

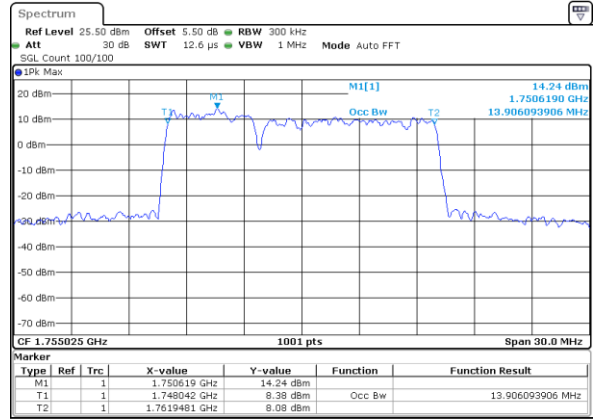
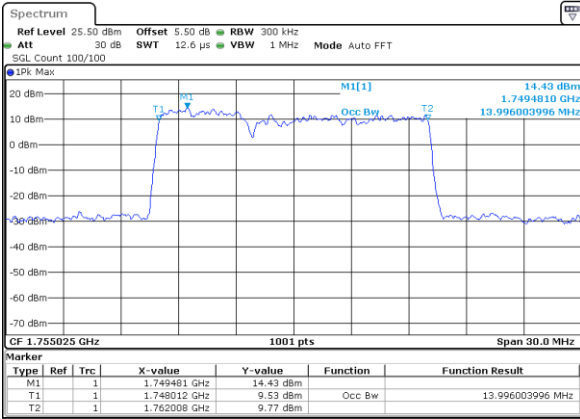


Date: 22.OCT.2023 09:14:26

Date: 22.OCT.2023 09:15:52

Middle Channel / 5MHz+10MHz

Middle Channel / 5MHz+10MHz

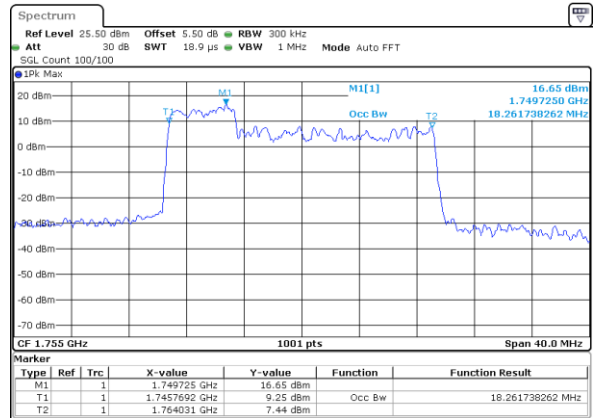
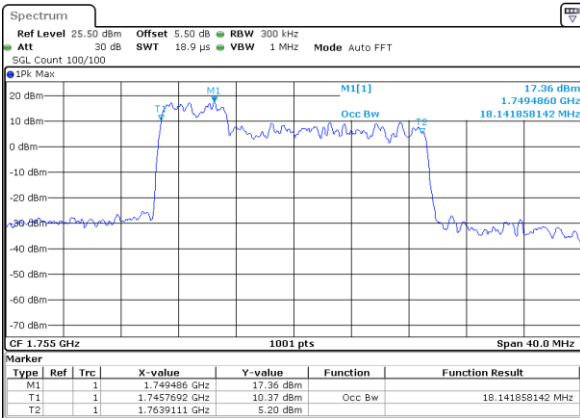


Date: 22.OCT.2023 10:13:40

Date: 22.OCT.2023 10:17:01

Middle Channel / 5MHz+15MHz

Middle Channel / 5MHz+15MHz



Date: 22.OCT.2023 11:32:57

Date: 22.OCT.2023 11:34:19



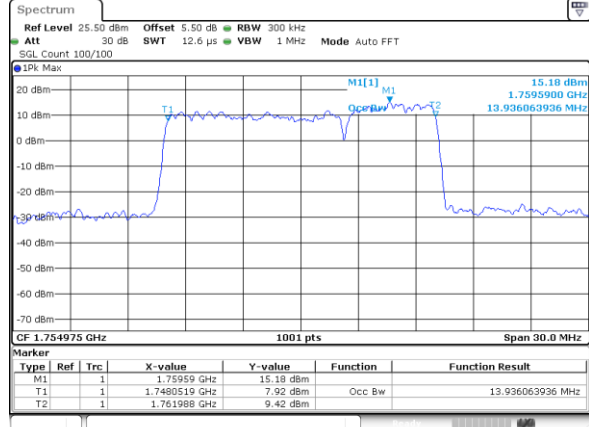
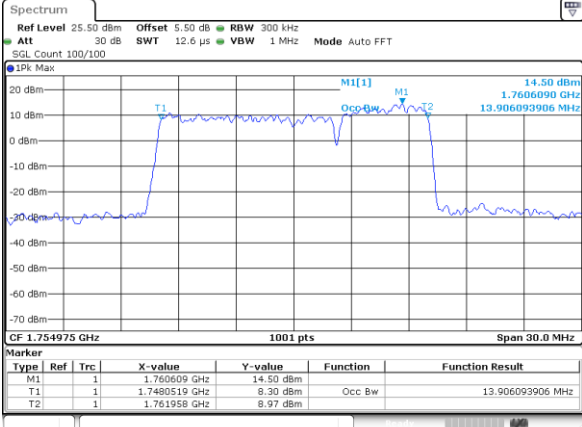
LTE Band 66B

QPSK

16QAM

Middle Channel / 10MHz+5MHz

Middle Channel / 10MHz+5MHz

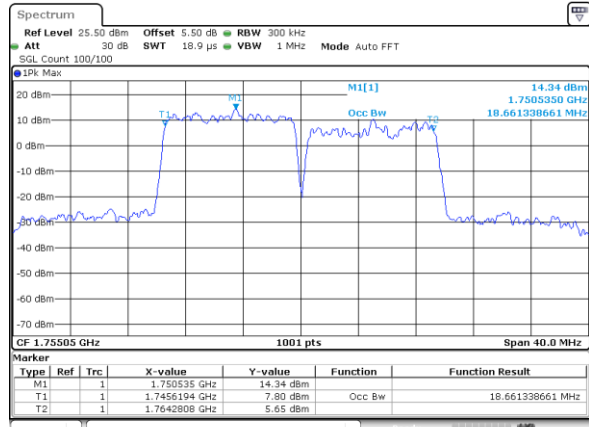
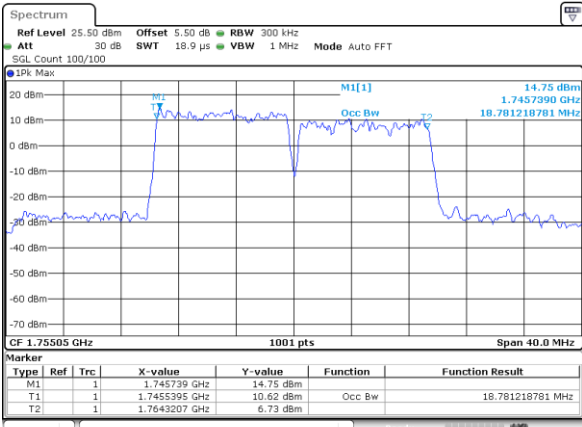


Date: 22.OCT.2023 12:04:31

Date: 22.OCT.2023 12:03:09

Middle Channel / 10MHz+10MHz

Middle Channel / 10MHz+10MHz

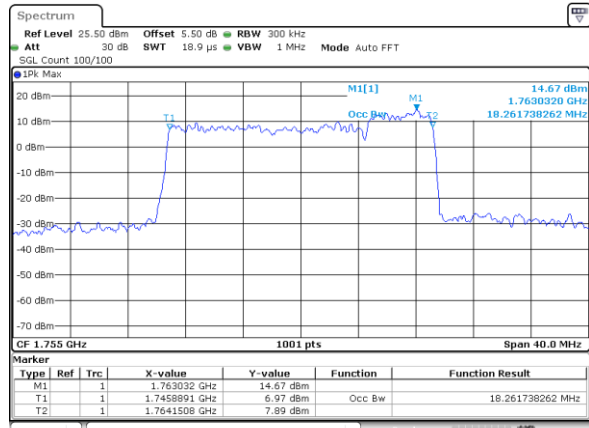
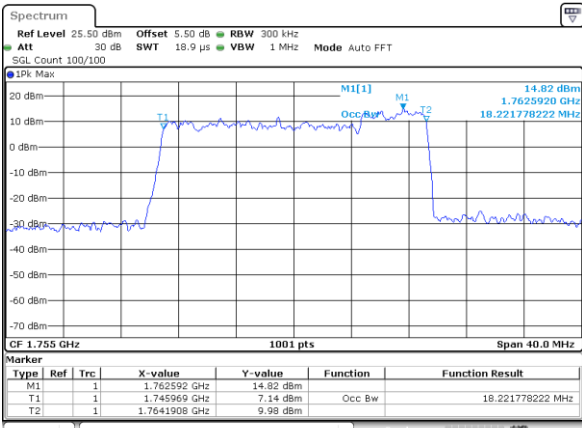


Date: 22.OCT.2023 12:32:29

Date: 22.OCT.2023 12:33:48

Middle Channel / 15MHz+5MHz

Middle Channel / 15MHz+5MHz



Date: 22.OCT.2023 13:23:57

Date: 22.OCT.2023 13:25:19

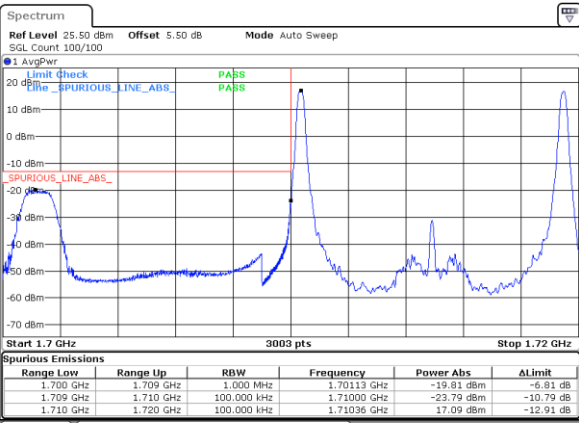


Conducted Band Edge

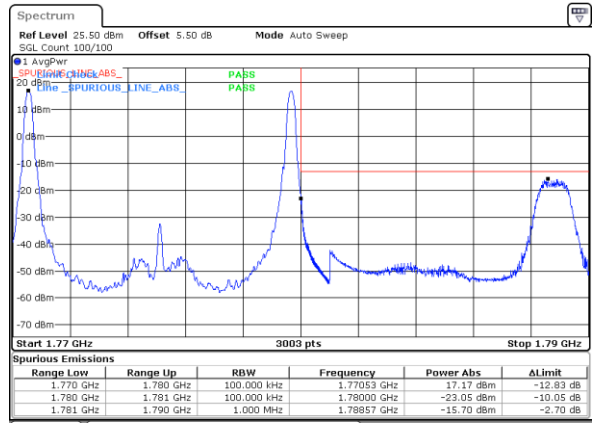
LTE Band 66B / 5MHz+5MHz

QPSK

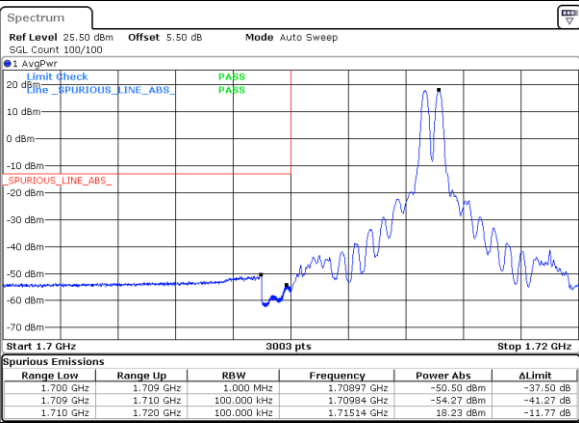
Lowest Band Edge / 1RB0 and 1RB24



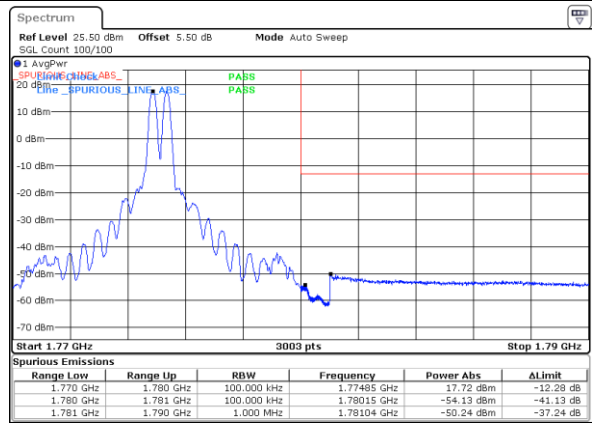
Highest Band Edge / 1RB0 and 1RB24



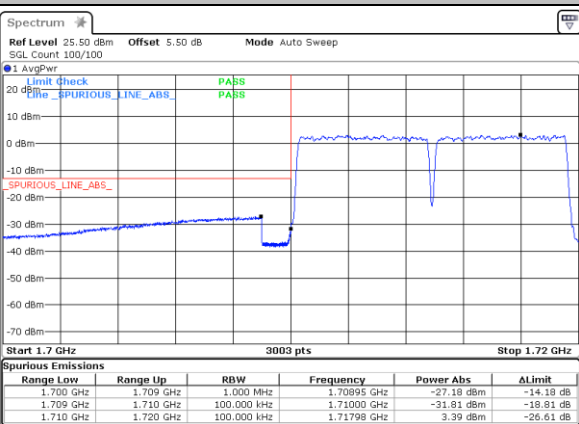
Lowest Band Edge / 1RB24 and 1RB0



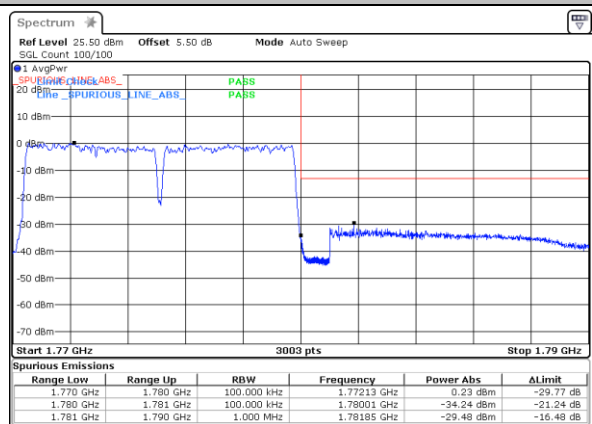
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



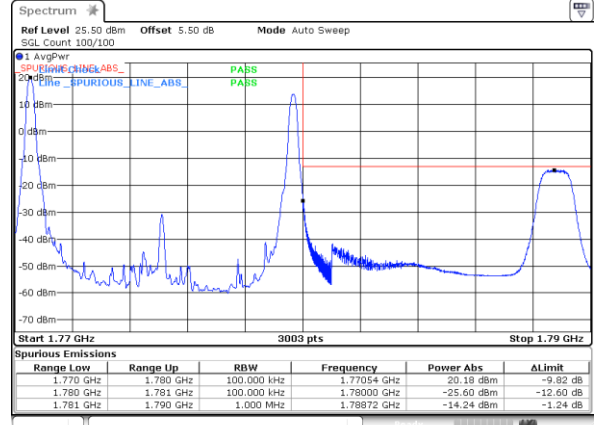
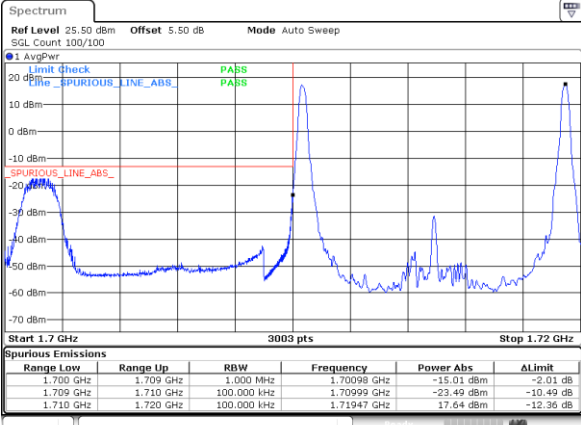


LTE Band 42C / 5MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

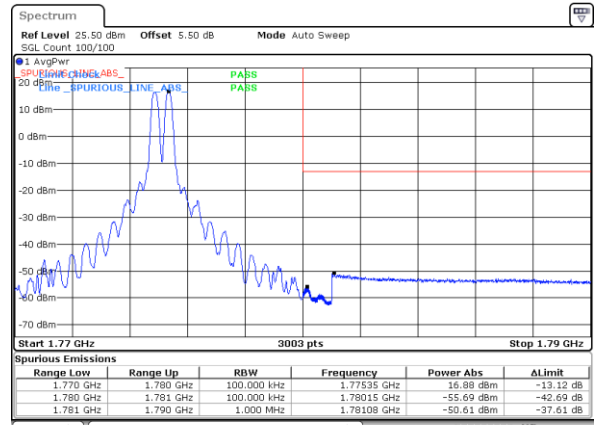
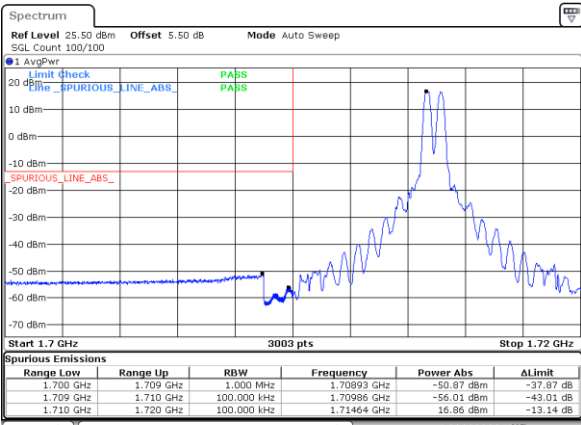


Date: 23.OCT.2023 09:50:27

Date: 23.OCT.2023 09:07:23

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

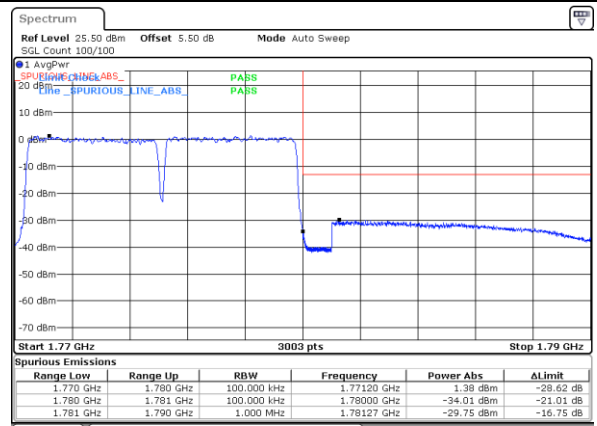
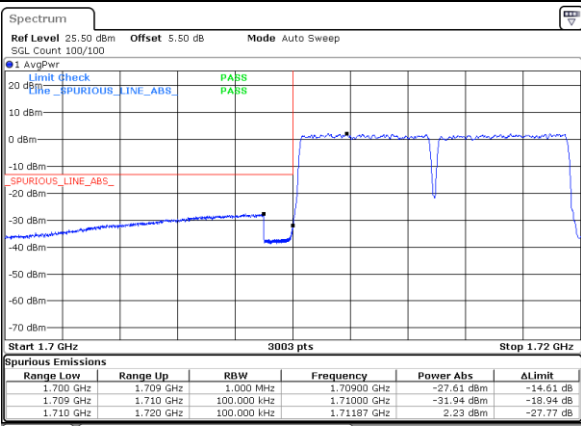


Date: 22.OCT.2023 09:08:58

Date: 22.OCT.2023 09:28:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.OCT.2023 09:01:14

Date: 22.OCT.2023 09:56:41