

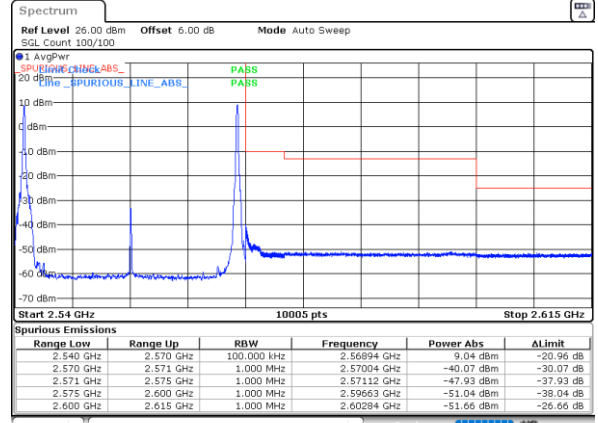
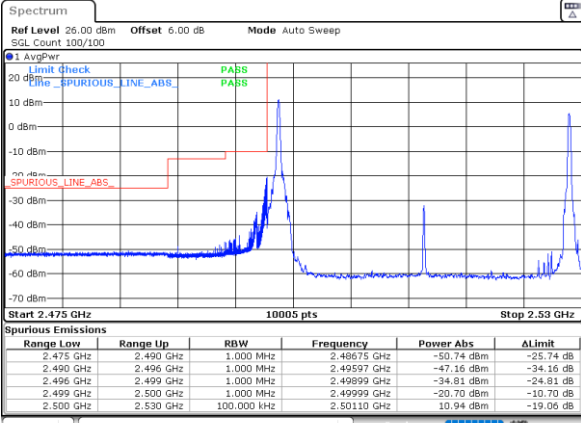


LTE Band 7 / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

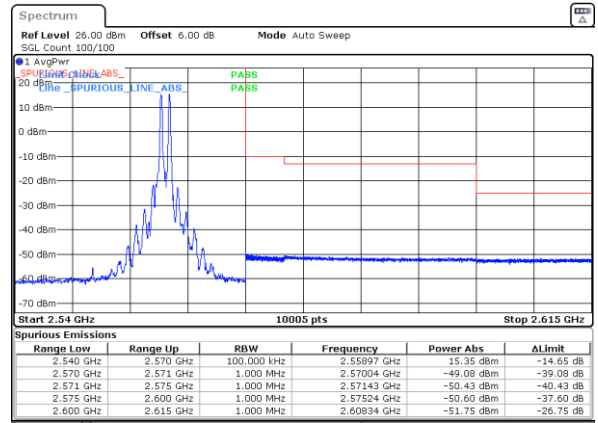
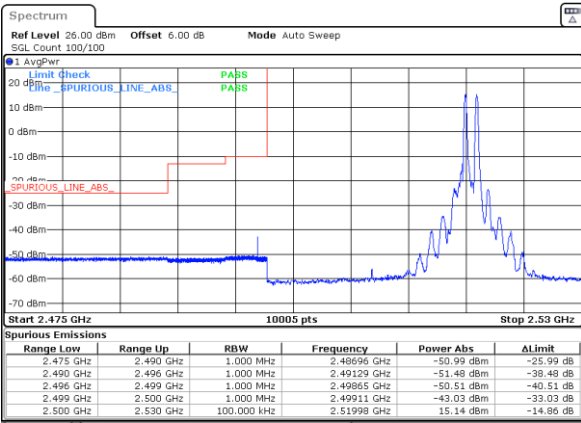


Date: 5.NOV.2022 12:16:12

Date: 5.NOV.2022 04:00:20

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

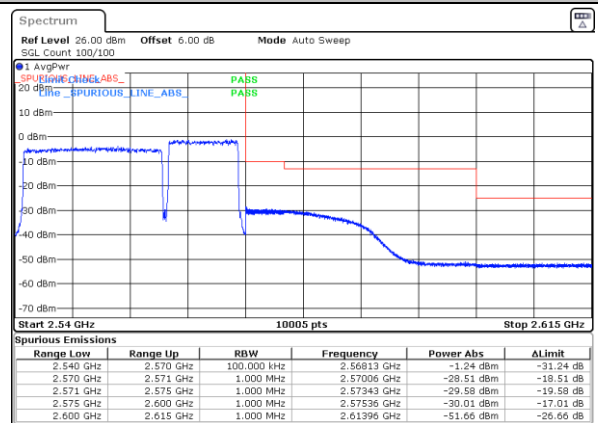
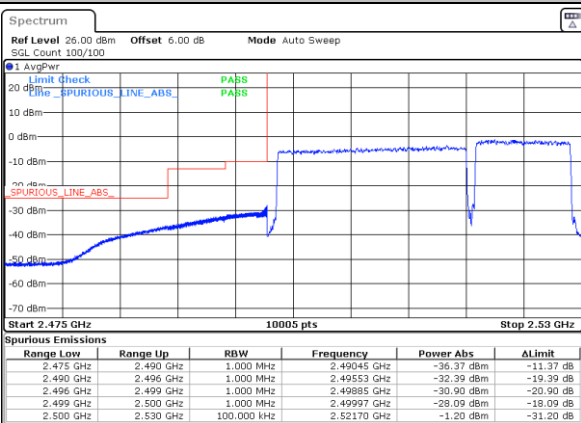


Date: 5.NOV.2022 03:47:47

Date: 5.NOV.2022 04:00:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.NOV.2022 03:52:18

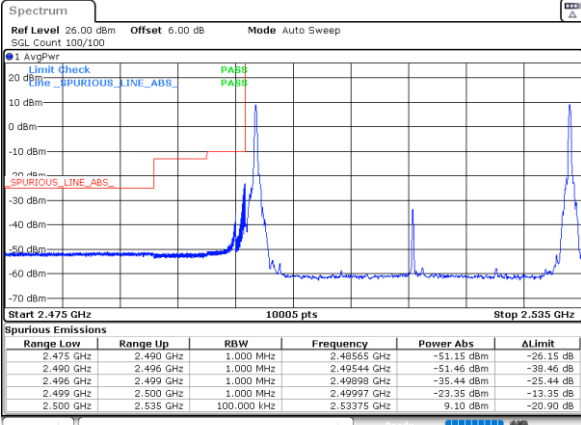
Date: 5.NOV.2022 04:07:31



LTE Band 7 / 20MHz+15MHz

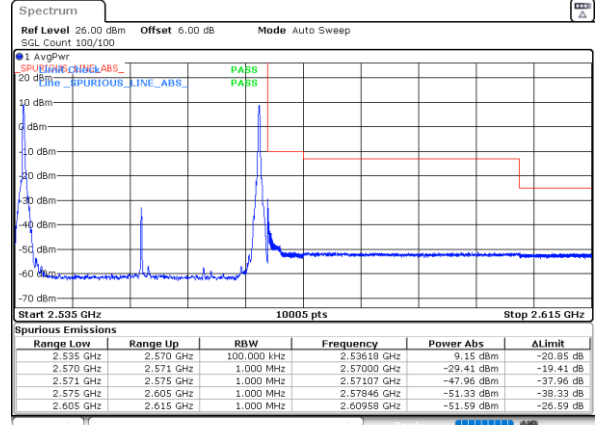
64QAM

Lowest Band Edge / 1RB0 and 1RB74



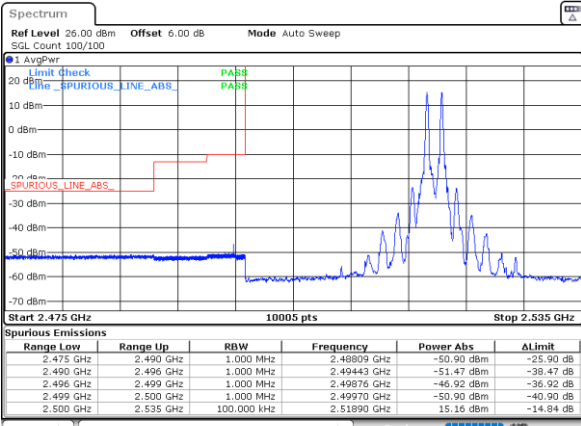
Date: 5.NOV.2022 04:12:33

Highest Band Edge / 1RB0 and 1RB74



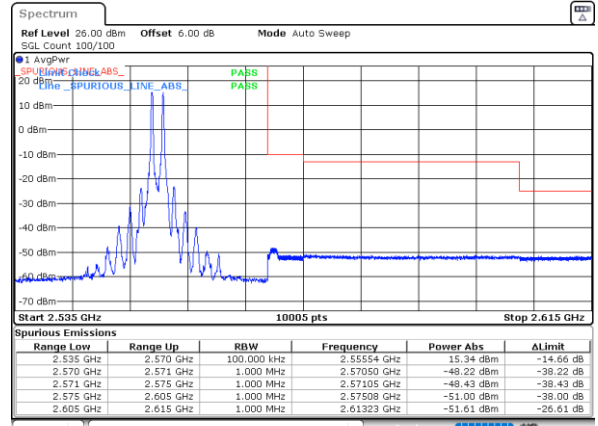
Date: 5.NOV.2022 04:26:11

Lowest Band Edge / 1RB99 and 1RB0



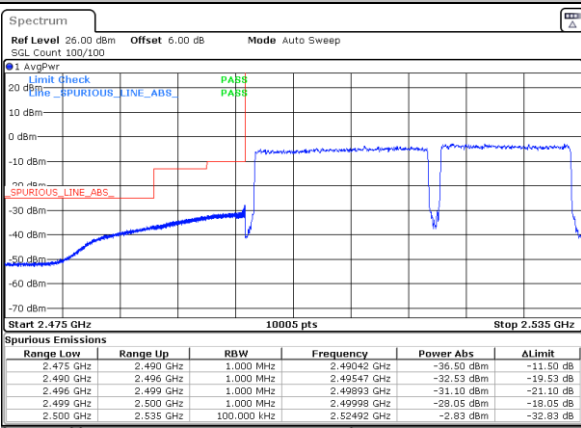
Date: 5.NOV.2022 04:15:15

Highest Band Edge / 1RB99 and 1RB0



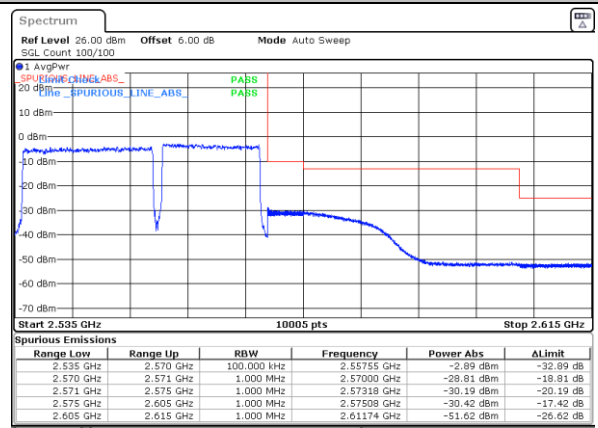
Date: 5.NOV.2022 04:26:53

Lowest Band Edge / Full RB



Date: 5.NOV.2022 04:19:46

Highest Band Edge / Full RB



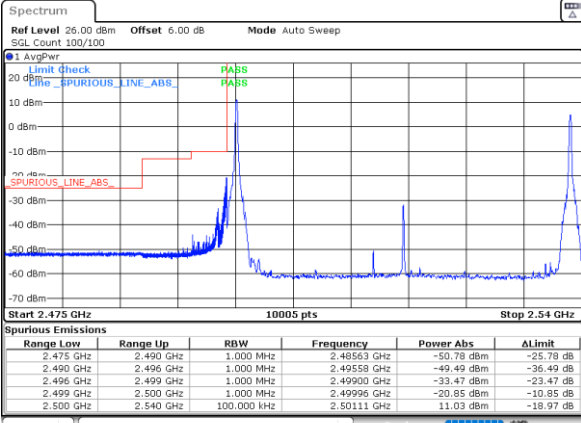
Date: 5.NOV.2022 04:33:22



LTE Band 7 / 20MHz+20MHz

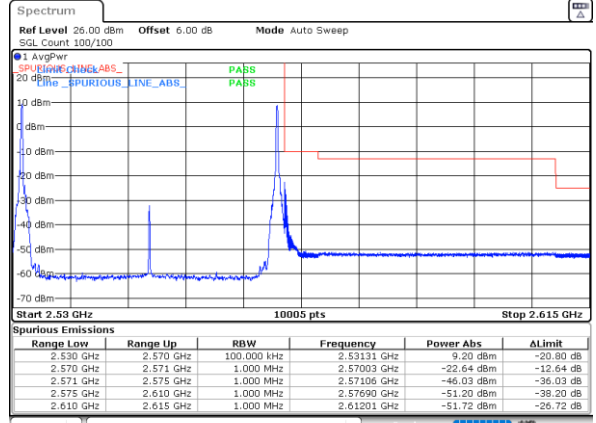
64QAM

Lowest Band Edge / 1RB0 and 1RB9



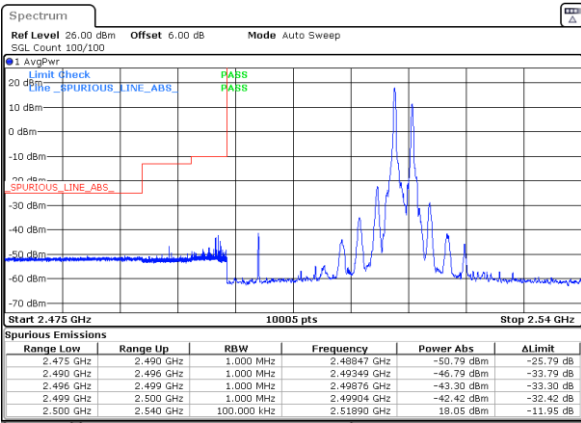
Date: 5.NOV.2022 04:38:24

Highest Band Edge / 1RB0 and 1RB9



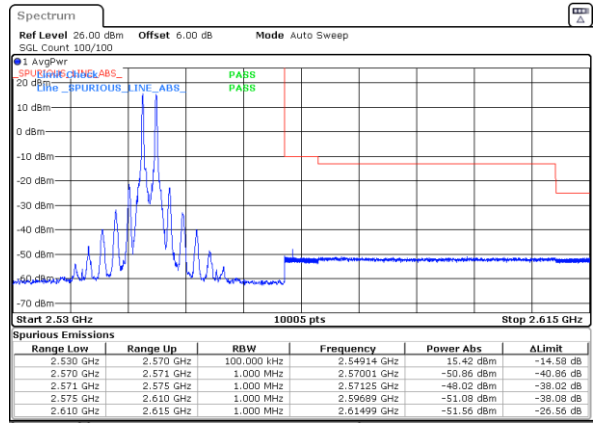
Date: 5.NOV.2022 04:52:02

Lowest Band Edge / 1RB99 and 1RB0



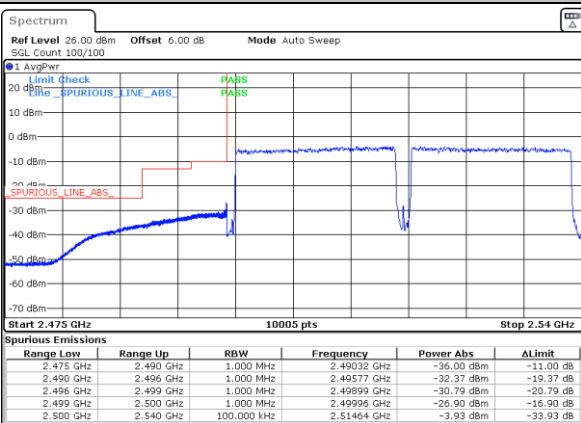
Date: 5.NOV.2022 04:41:06

Highest Band Edge / 1RB99 and 1RB0



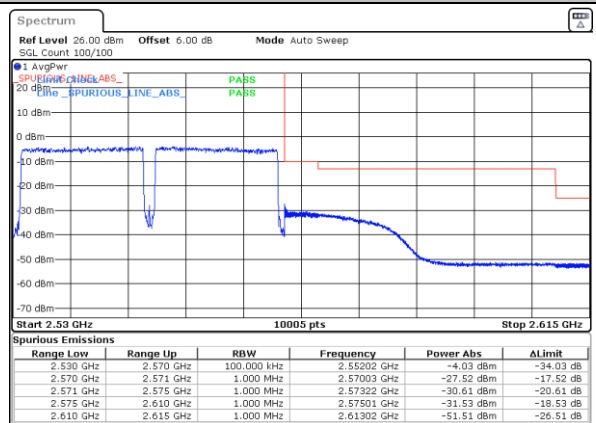
Date: 5.NOV.2022 04:54:44

Lowest Band Edge / Full RB



Date: 5.NOV.2022 04:45:16

Highest Band Edge / Full RB



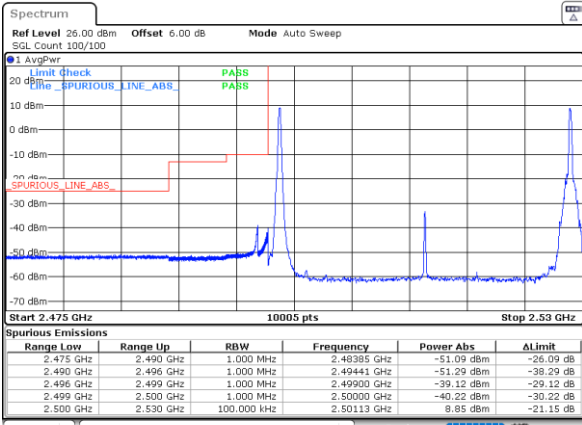
Date: 5.NOV.2022 04:59:13



LTE Band 7 / 10MHz+20MHz

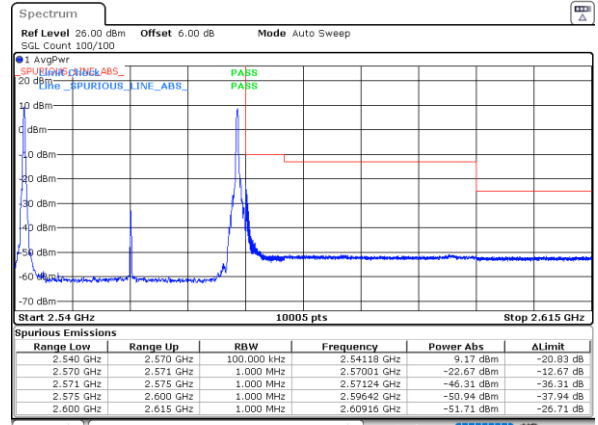
256QAM

Lowest Band Edge / 1RB0 and 1RB9



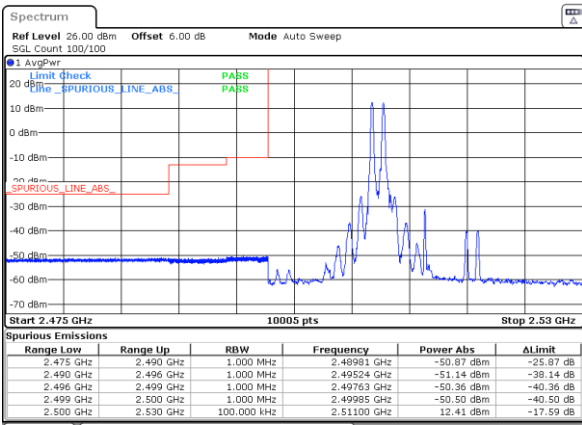
Date: 5.NOV.2022 01:56:15

Highest Band Edge / 1RB0 and 1RB9



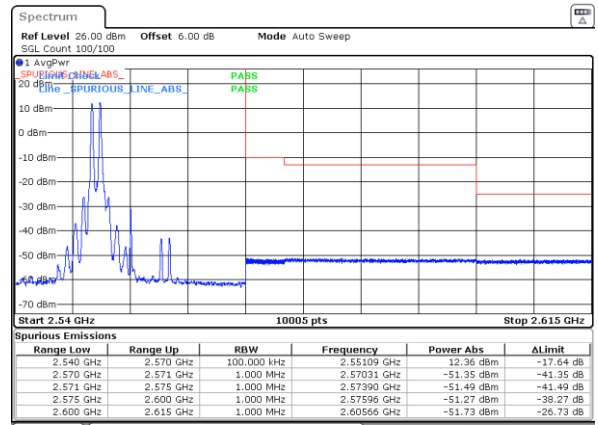
Date: 5.NOV.2022 02:11:27

Lowest Band Edge / 1RB49 and 1RB0



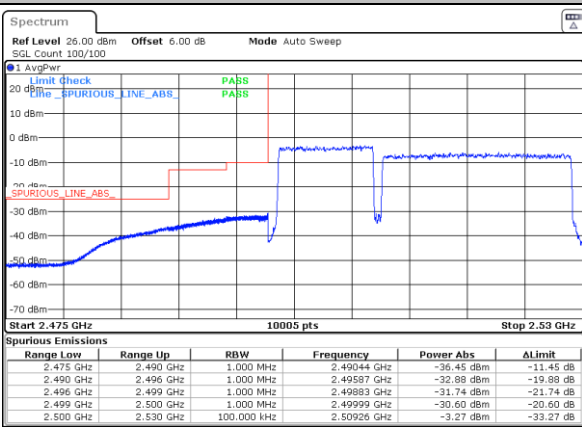
Date: 5.NOV.2022 01:57:09

Highest Band Edge / 1RB49 and 1RB0



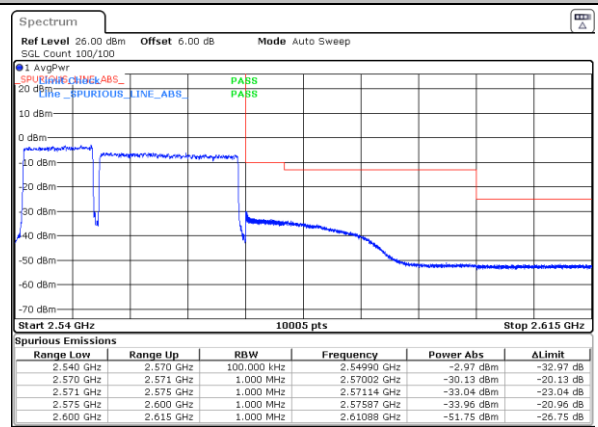
Date: 5.NOV.2022 02:12:21

Lowest Band Edge / Full RB



Date: 5.NOV.2022 02:03:28

Highest Band Edge / Full RB



Date: 5.NOV.2022 02:18:38

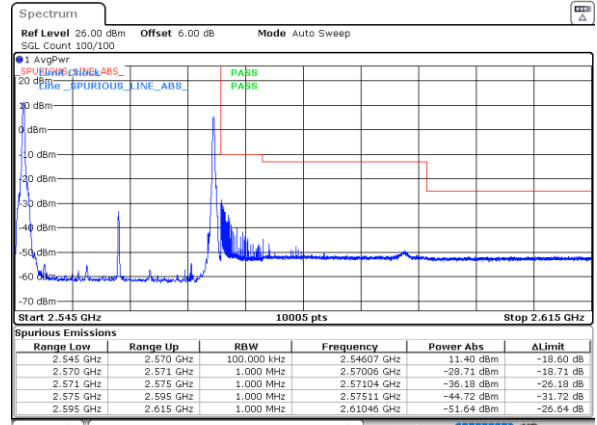
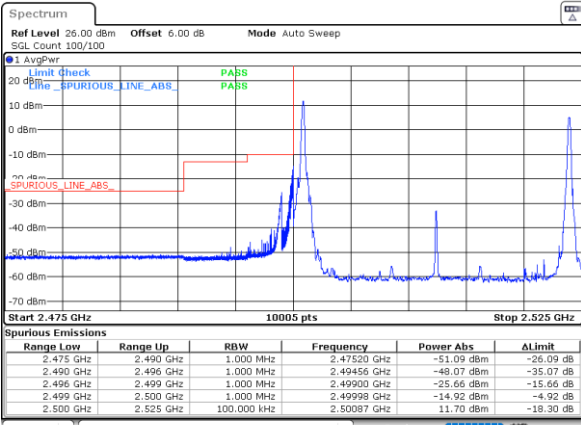


LTE Band 7 / 15MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

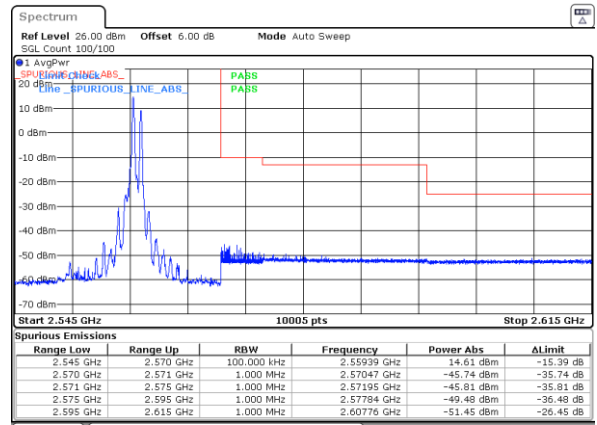
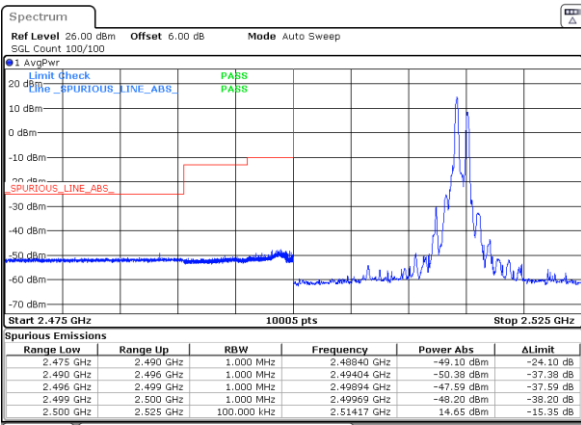


Date: 5.NOV.2022 02:23:41

Date: 5.NOV.2022 02:37:19

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

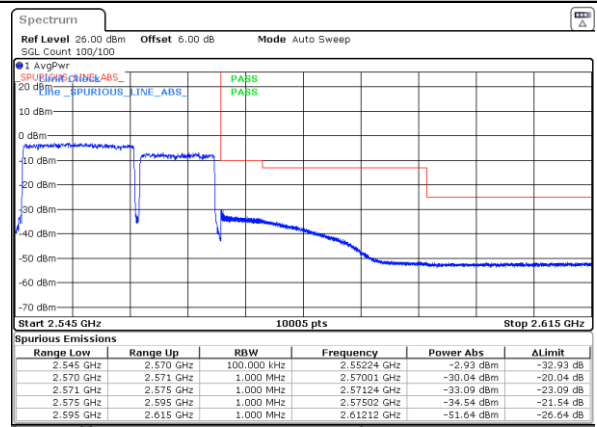
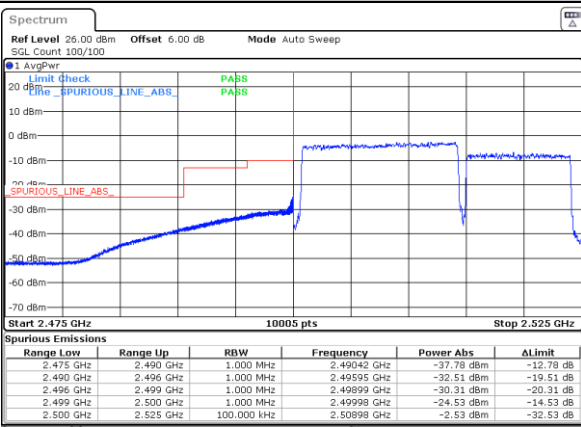


Date: 5.NOV.2022 02:24:35

Date: 5.NOV.2022 02:38:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.NOV.2022 02:30:53

Date: 5.NOV.2022 02:44:30

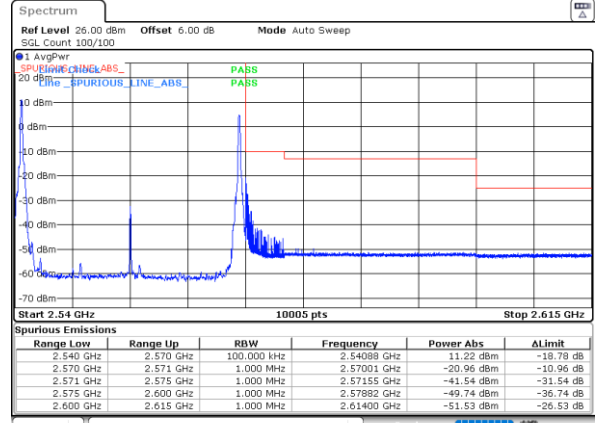
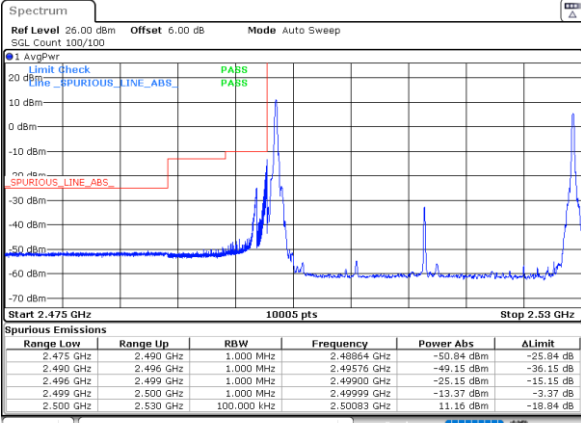


LTE Band 7 / 15MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

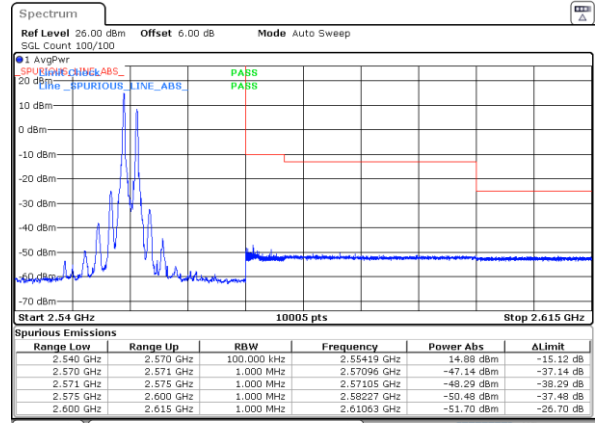
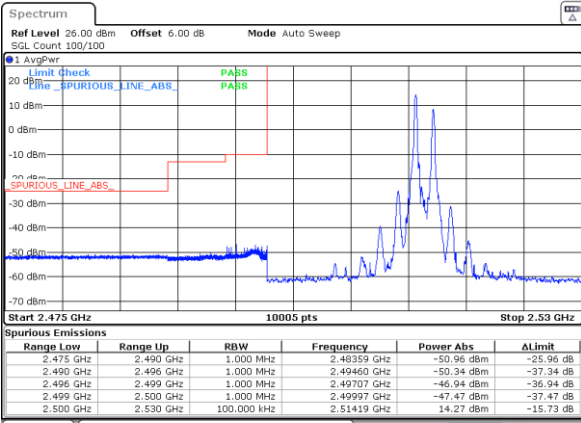


Date: 5.NOV.2022 02:49:32

Date: 5.NOV.2022 03:03:10

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

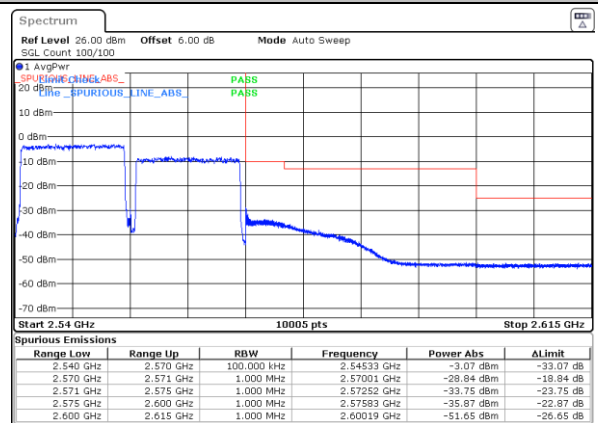
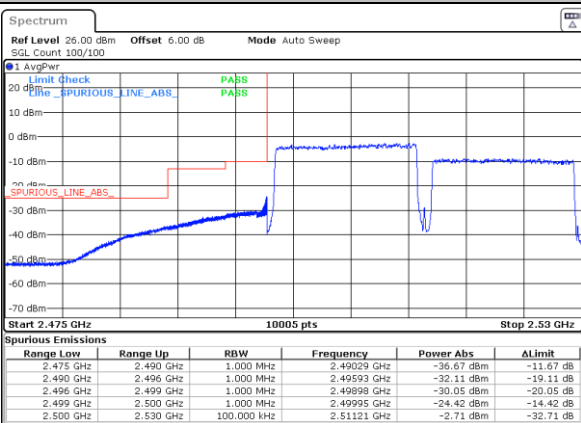


Date: 5.NOV.2022 02:50:26

Date: 5.NOV.2022 03:04:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.NOV.2022 02:56:44

Date: 5.NOV.2022 03:10:21

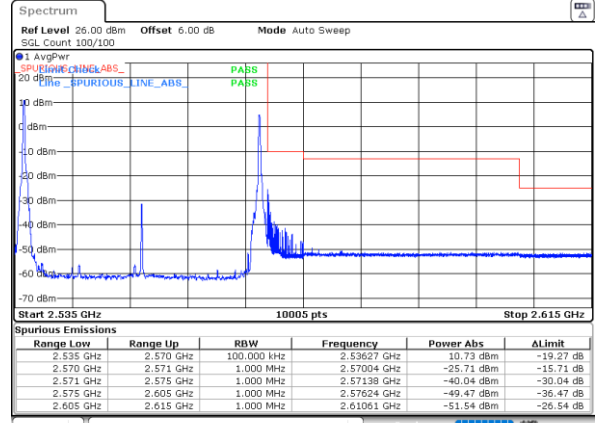
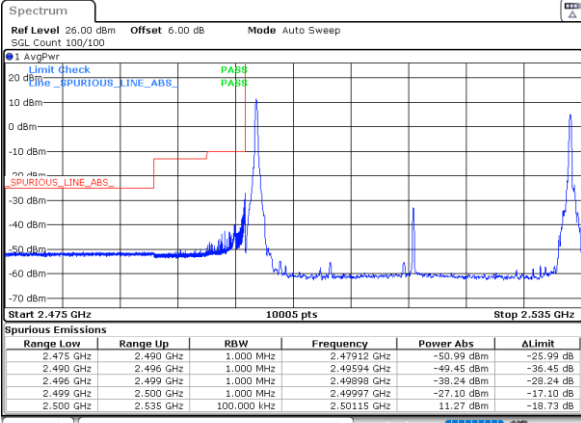


LTE Band 7 / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

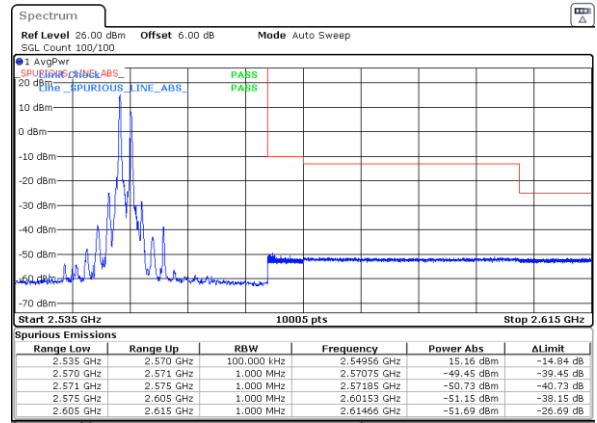
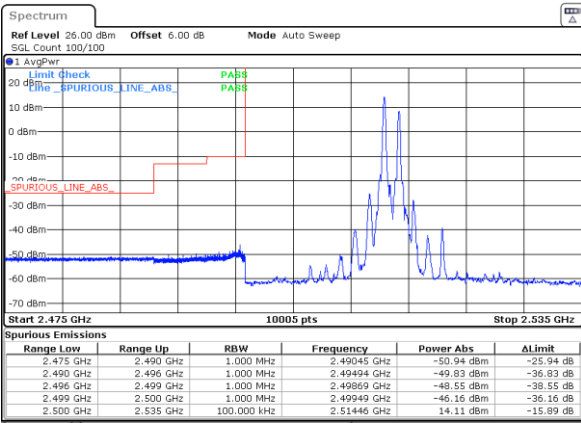


Date: 5.NOV.2022 03:15:23

Date: 5.NOV.2022 03:29:02

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

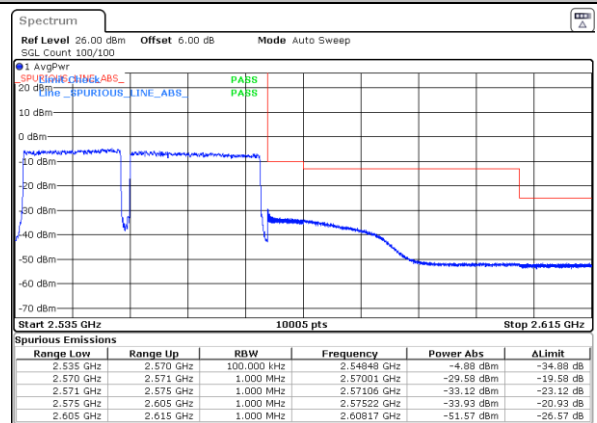
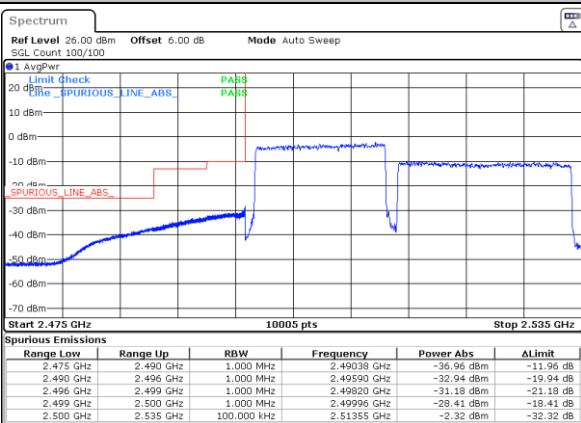


Date: 5.NOV.2022 03:16:17

Date: 5.NOV.2022 03:29:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.NOV.2022 03:22:16

Date: 5.NOV.2022 03:36:12

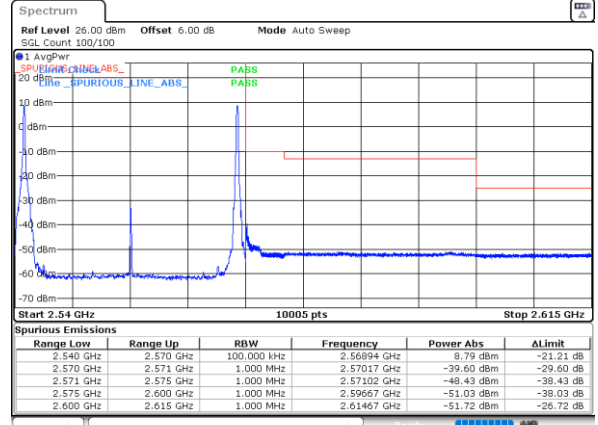
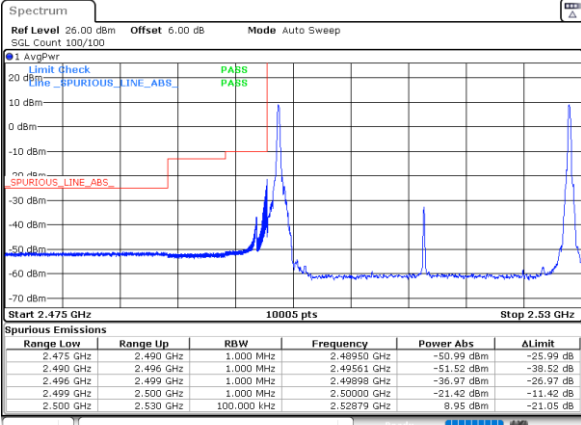


LTE Band 7 / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

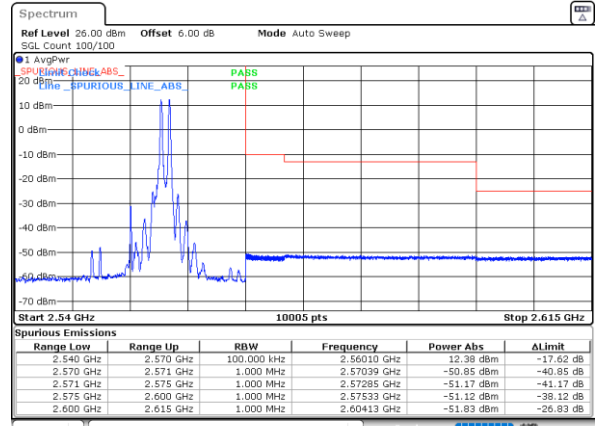
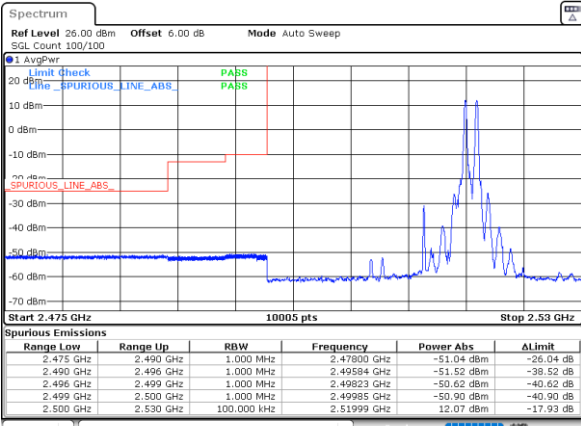


Date: 5.NOV.2022 03:45:59

Date: 5.NOV.2022 04:01:14

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

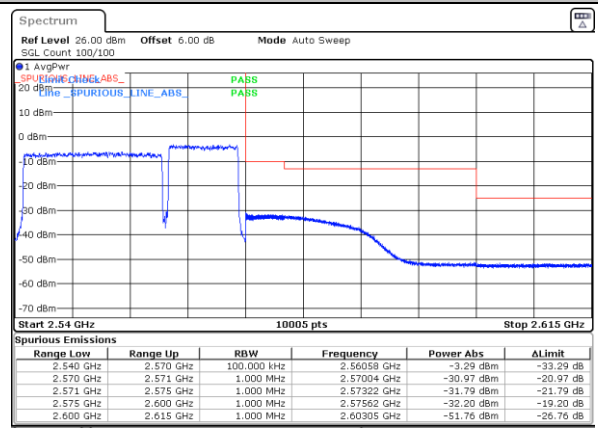
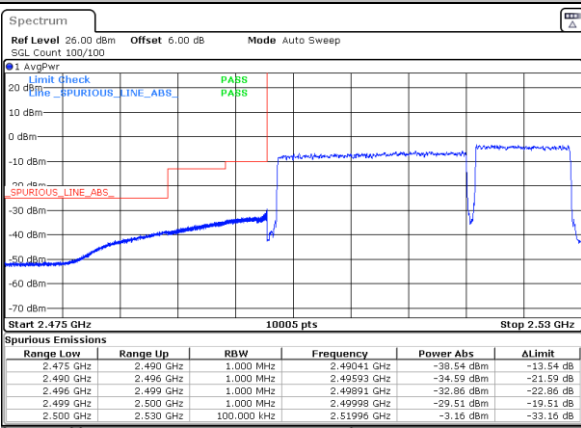


Date: 5.NOV.2022 03:46:53

Date: 5.NOV.2022 04:02:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.NOV.2022 03:53:12

Date: 5.NOV.2022 04:08:25

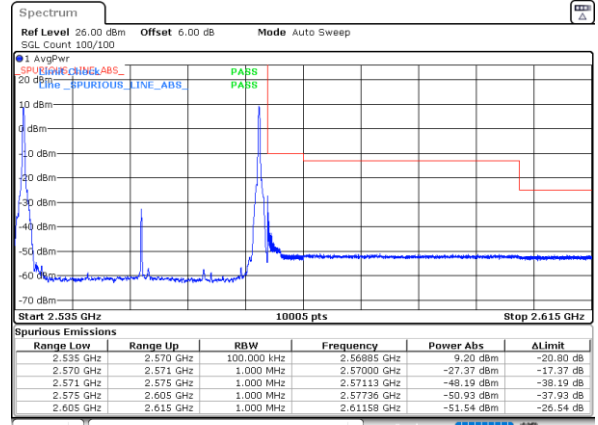
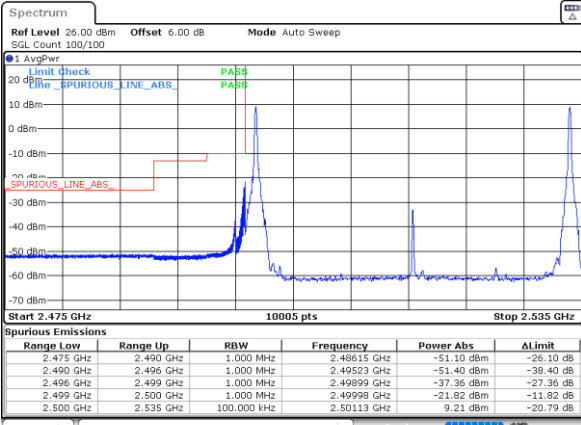


LTE Band 7 / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

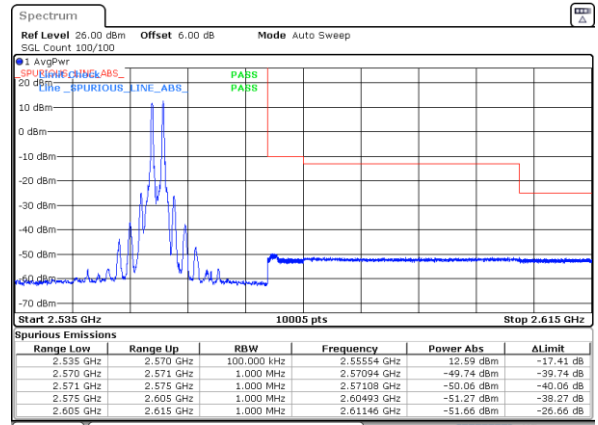
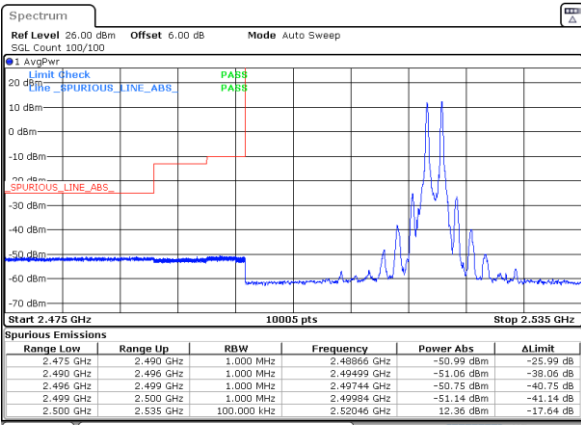


Date: 5.NOV.2022 04:13:27

Date: 5.NOV.2022 04:27:05

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

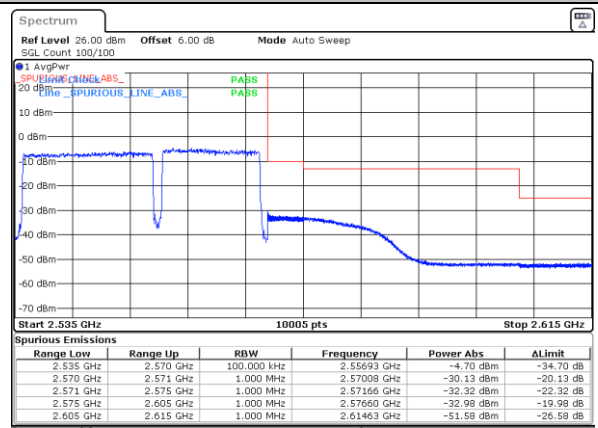
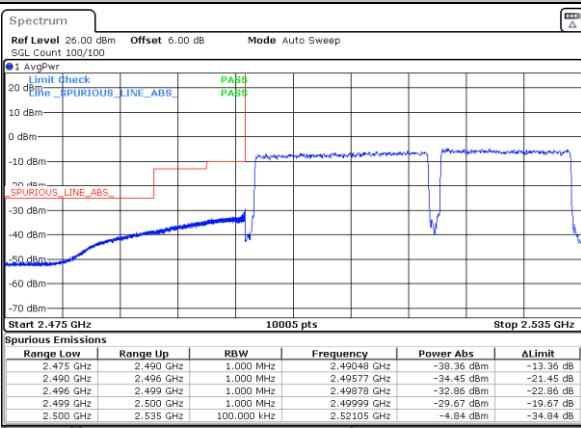


Date: 5.NOV.2022 04:14:21

Date: 5.NOV.2022 04:27:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5.NOV.2022 04:20:40

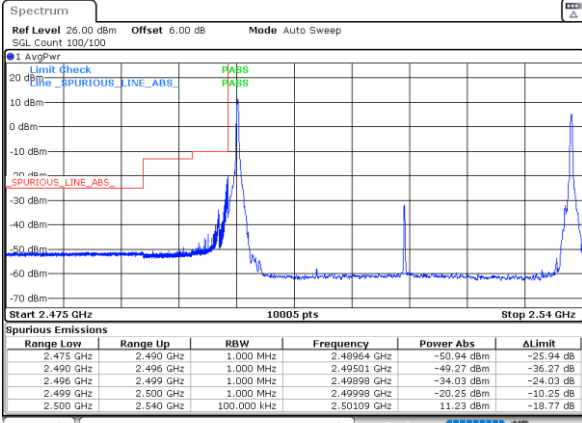
Date: 5.NOV.2022 04:34:16



LTE Band 7 / 20MHz+20MHz

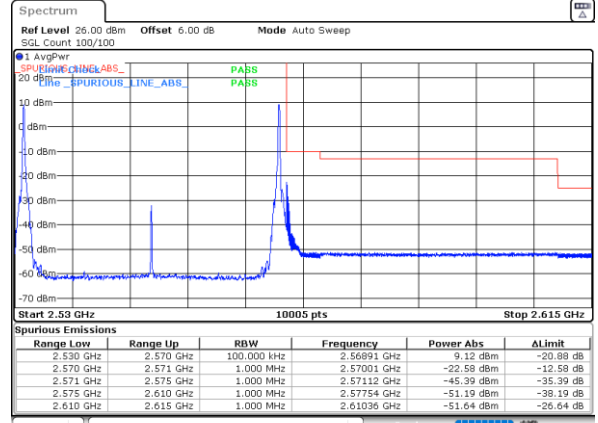
256QAM

Lowest Band Edge / 1RB0 and 1RB9



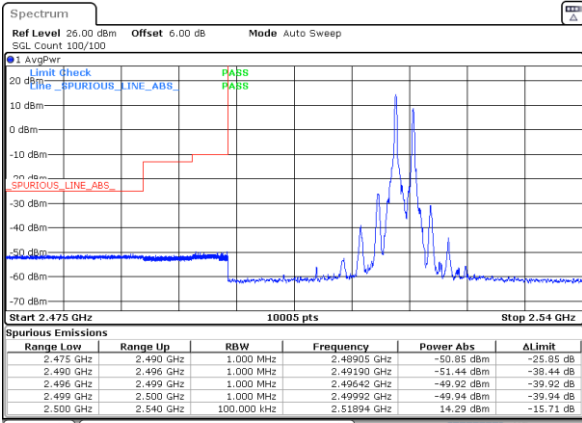
Date: 5.NOV.2022 04:39:18

Highest Band Edge / 1RB0 and 1RB9



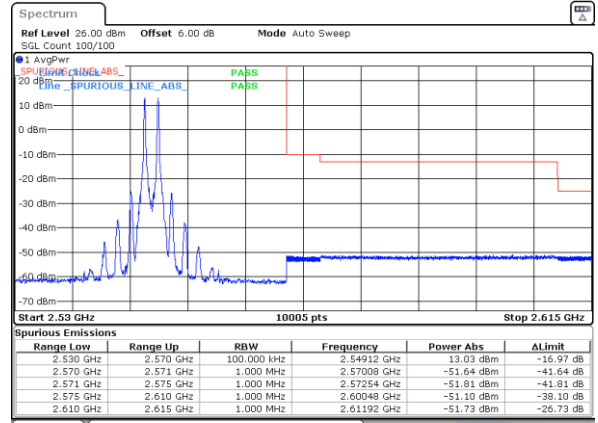
Date: 5.NOV.2022 04:52:56

Lowest Band Edge / 1RB99 and 1RB0



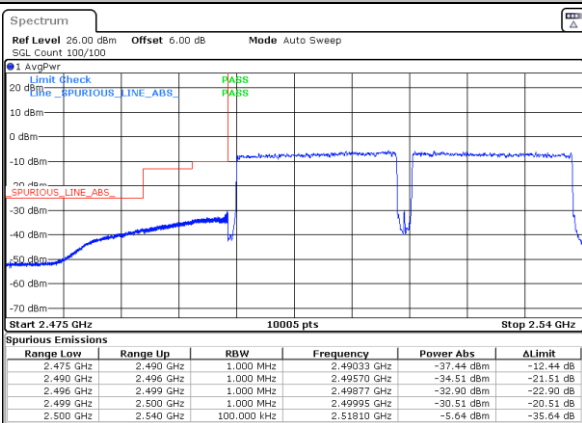
Date: 5.NOV.2022 04:40:12

Highest Band Edge / 1RB99 and 1RB0



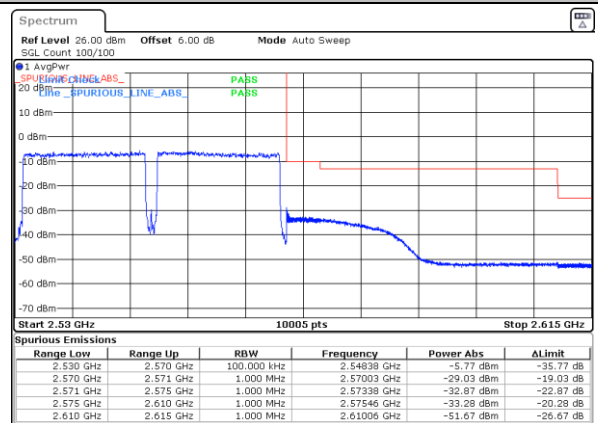
Date: 5.NOV.2022 04:53:50

Lowest Band Edge / Full RB



Date: 5.NOV.2022 04:46:31

Highest Band Edge / Full RB



Date: 5.NOV.2022 05:00:07

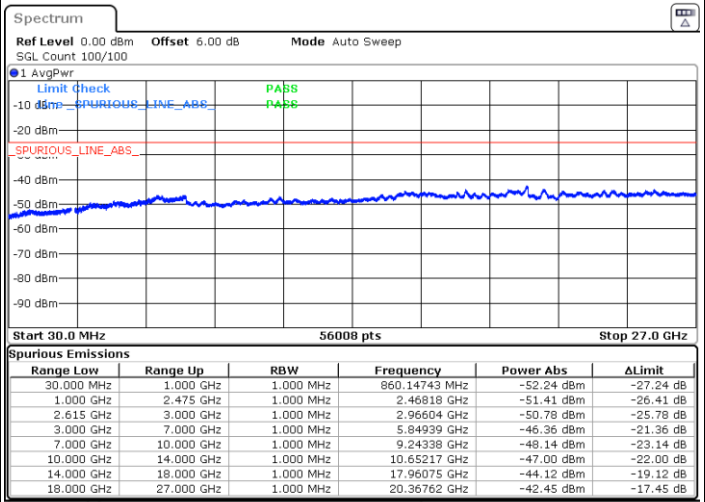
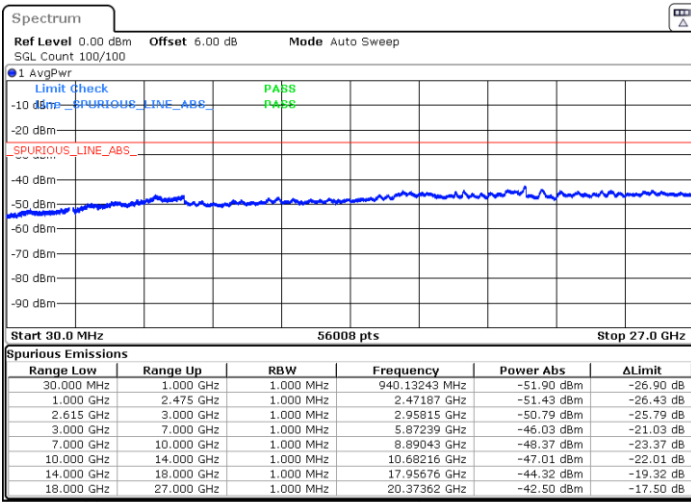


Conducted Spurious Emission

LTE Band 7 / 10MHz+20MHz

Lowest Channel / QPSK

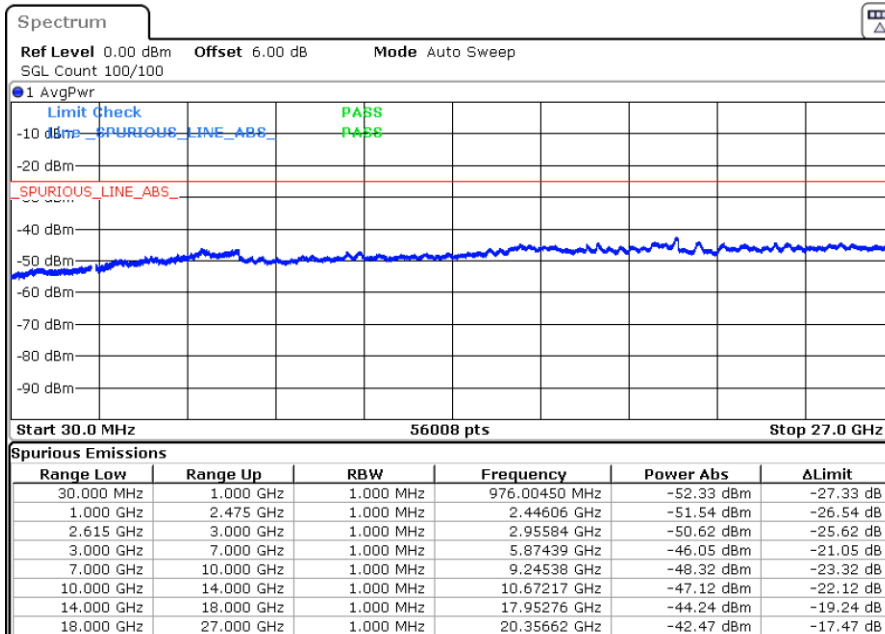
Middle Channel / QPSK



Date: 5.NOV.2022 01:49:23

Date: 5.NOV.2022 02:04:54

Highest Channel / QPSK



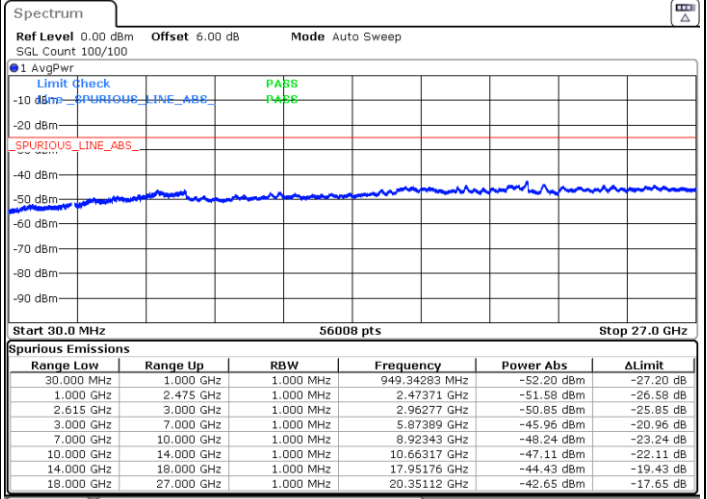
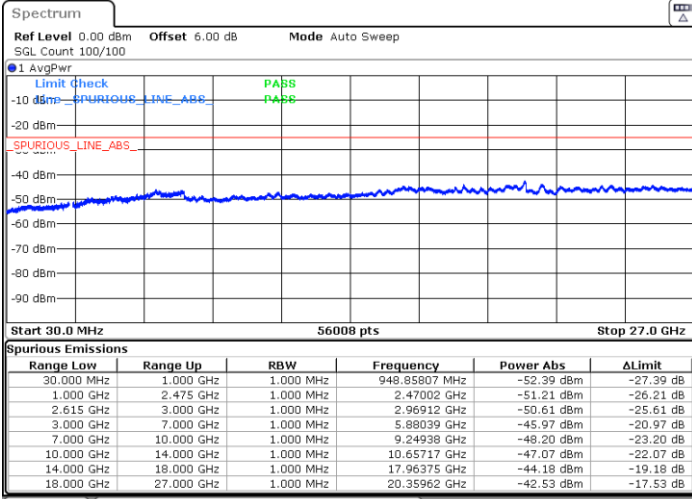
Date: 5.NOV.2022 02:06:19



LTE Band 7 / 15MHz+10MHz

Lowest Channel / QPSK

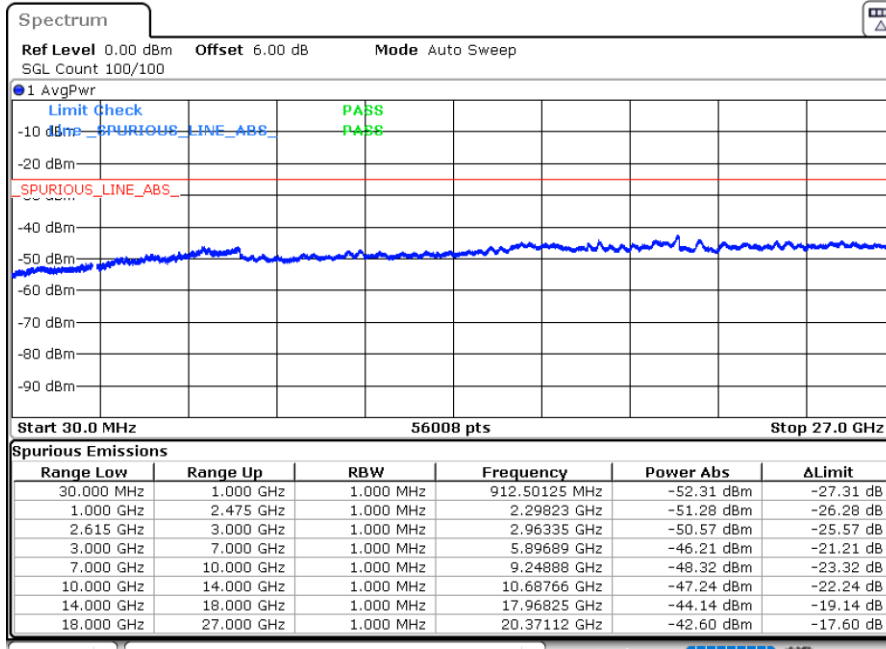
Middle Channel / QPSK



Date: 5.NOV.2022 02:20:04

Date: 5.NOV.2022 02:32:18

Highest Channel / QPSK



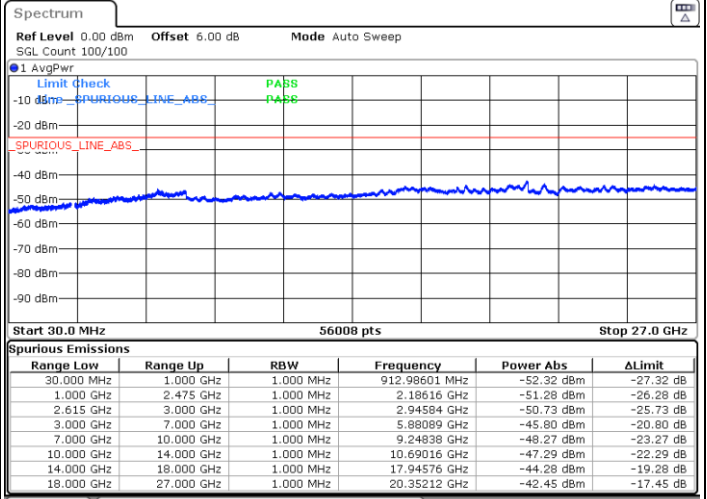
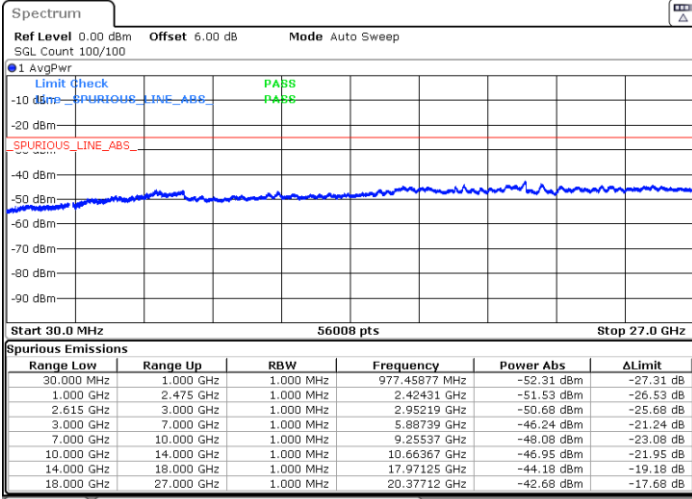
Date: 5.NOV.2022 02:33:43



LTE Band 7 / 15MHz+15MHz

Lowest Channel / QPSK

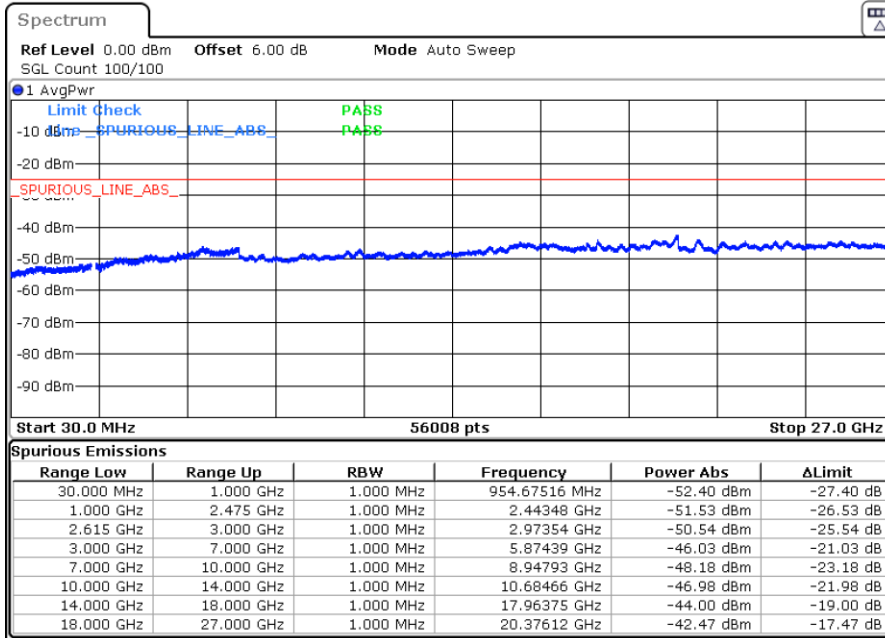
Middle Channel / QPSK



Date: 5.NOV.2022 02:45:55

Date: 5.NOV.2022 02:58:09

Highest Channel / QPSK



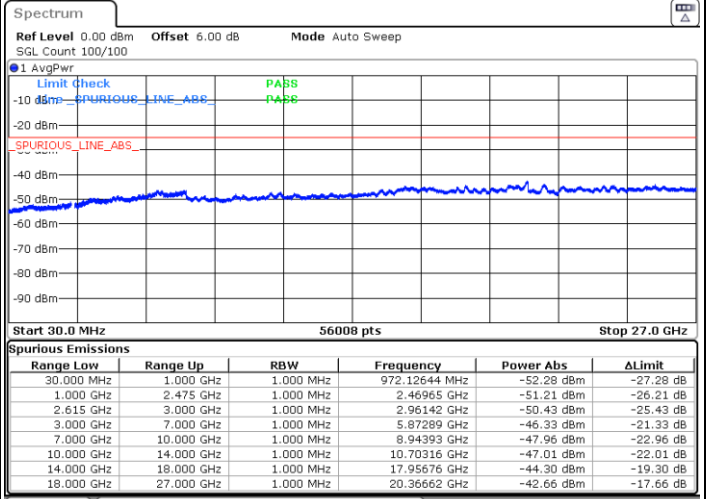
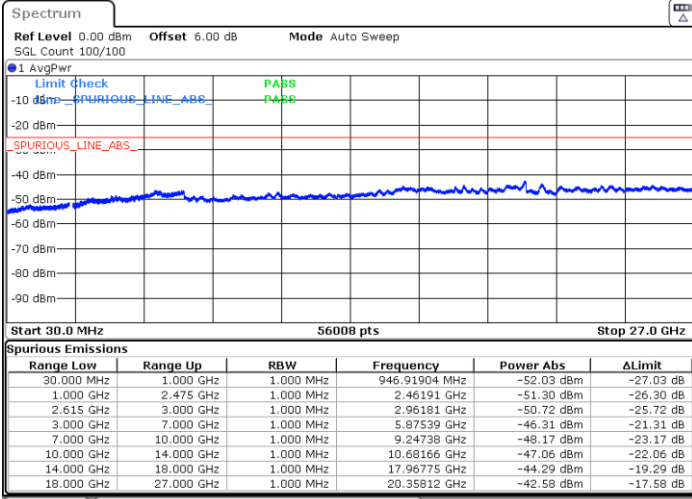
Date: 5.NOV.2022 02:59:34



LTE Band 7 / 15MHz+20MHz

Lowest Channel / QPSK

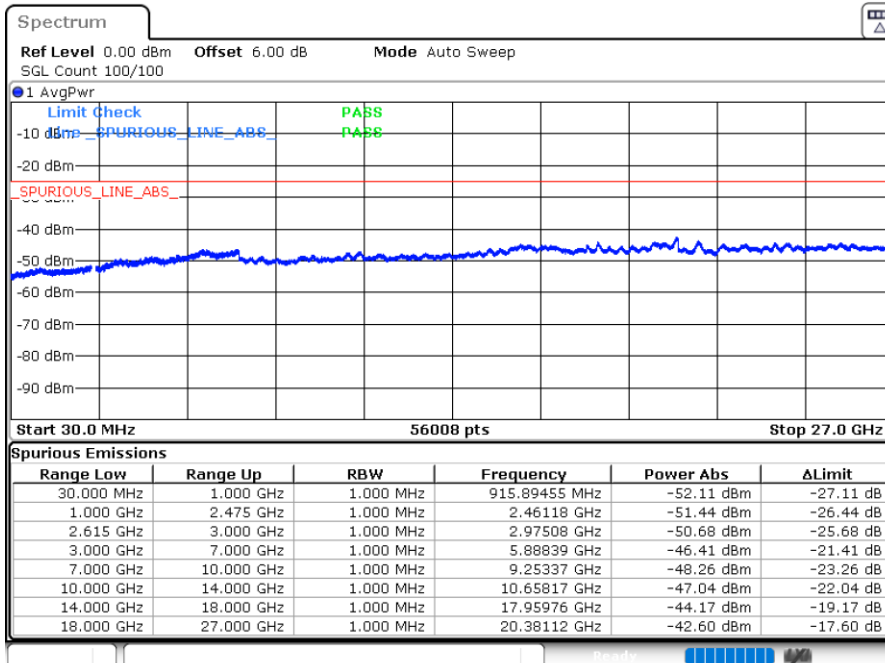
Middle Channel / QPSK



Date: 5.NOV.2022 03:11:46

Date: 5.NOV.2022 03:24:01

Highest Channel / QPSK



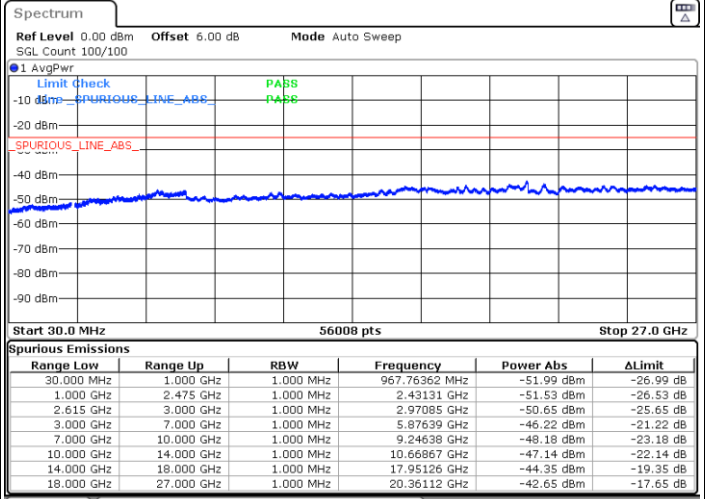
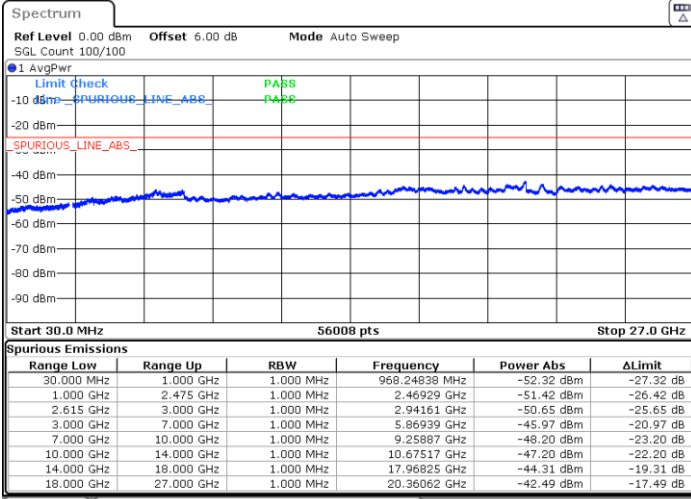
Date: 5.NOV.2022 03:25:26



LTE Band 7 / 20MHz+10MHz

Lowest Channel / QPSK

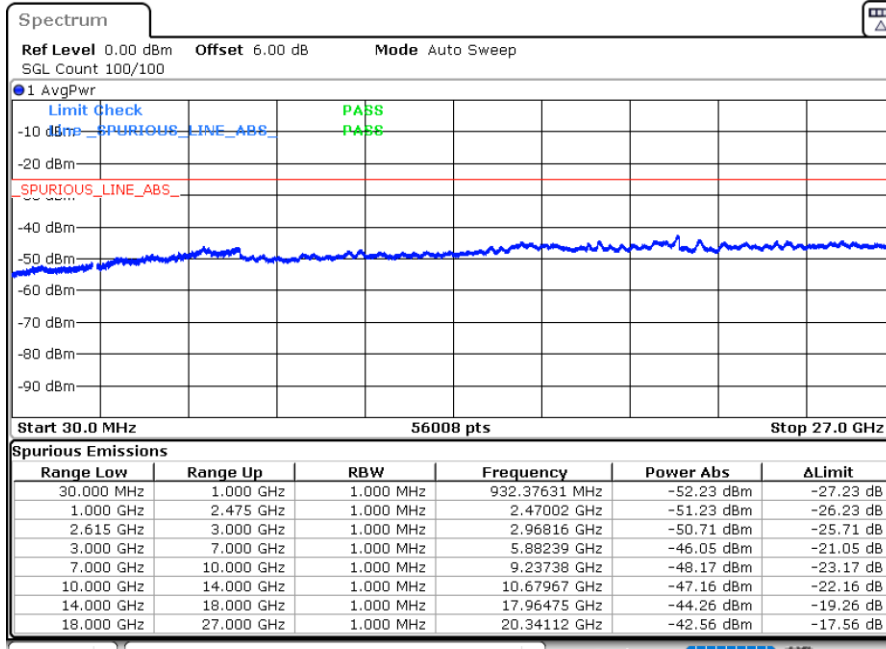
Middle Channel / QPSK



Date: 5.NOV.2022 03:37:38

Date: 5.NOV.2022 03:54:37

Highest Channel / QPSK



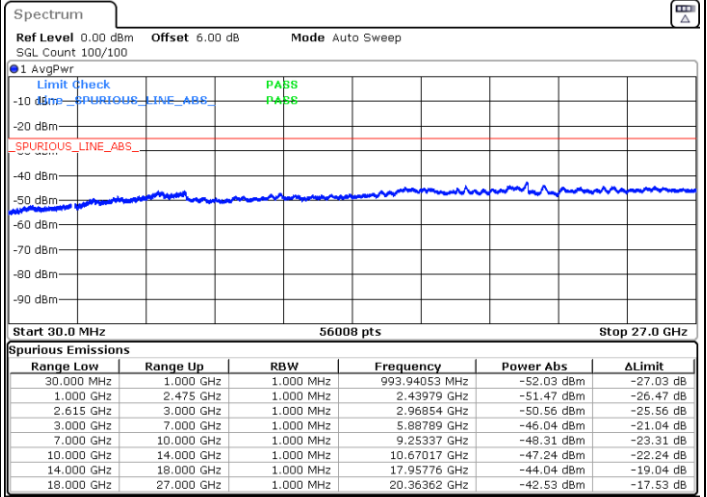
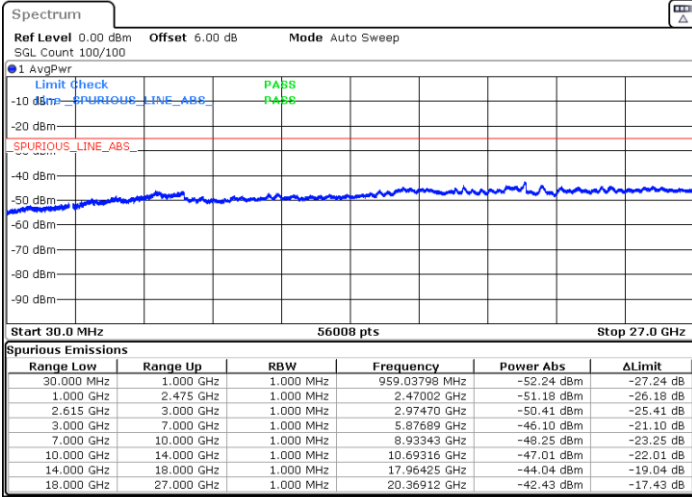
Date: 5.NOV.2022 03:56:02



LTE Band 7 / 20MHz+15MHz

Lowest Channel / QPSK

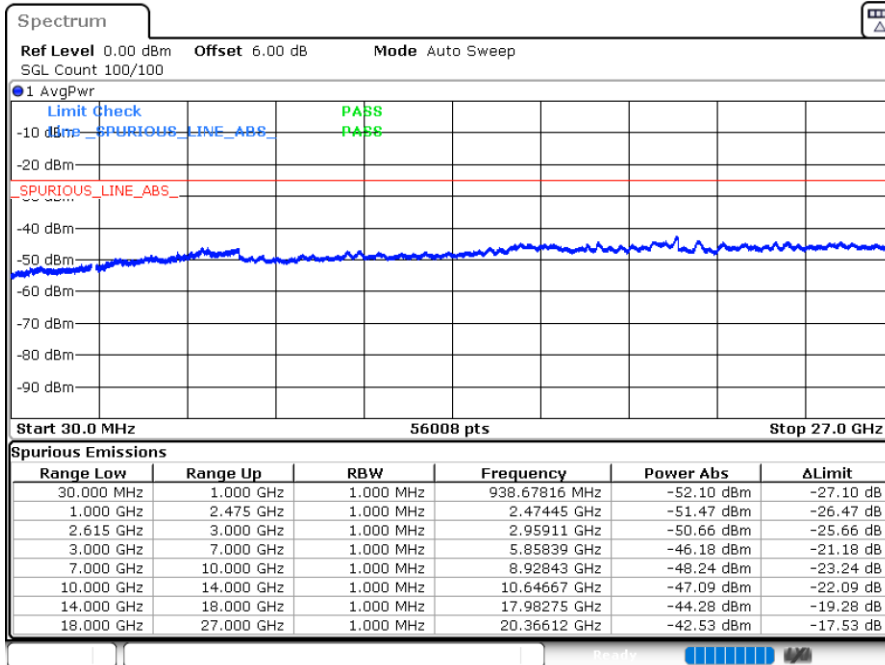
Middle Channel / QPSK



Date: 5.NOV.2022 04:09:50

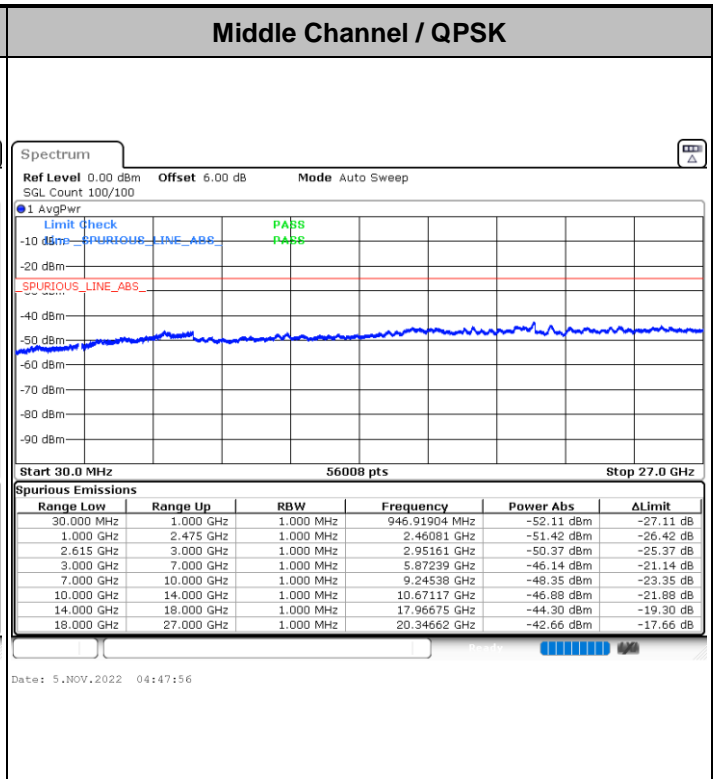
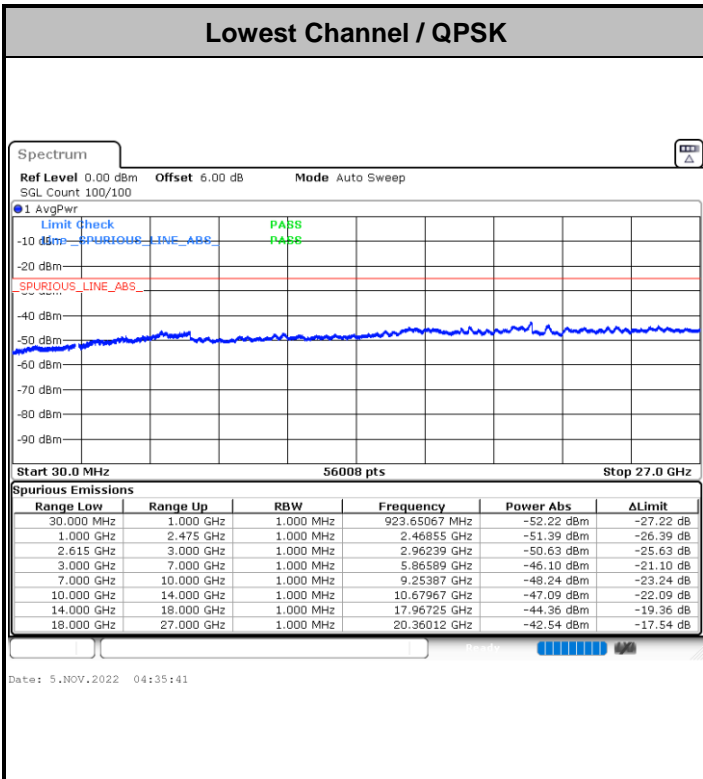
Date: 5.NOV.2022 04:22:05

Highest Channel / QPSK

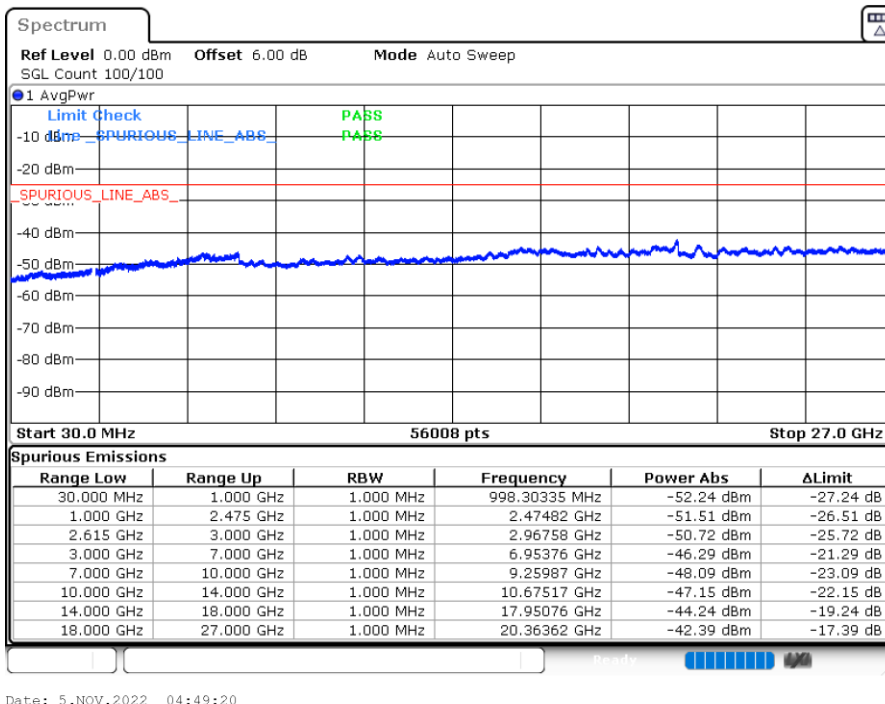


Date: 5.NOV.2022 04:23:29

LTE Band 7 / 20MHz+20MHz



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0003	

Note:

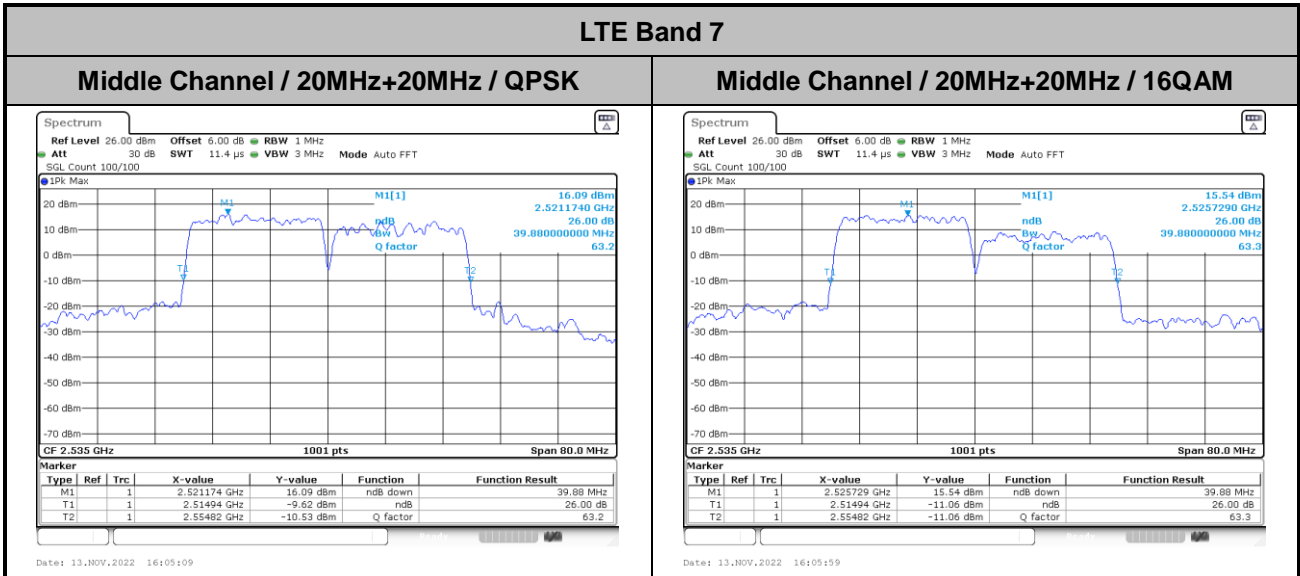
1. Normal Voltage = 3.87V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage = 4.25V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C(other PA)

26dB Bandwidth

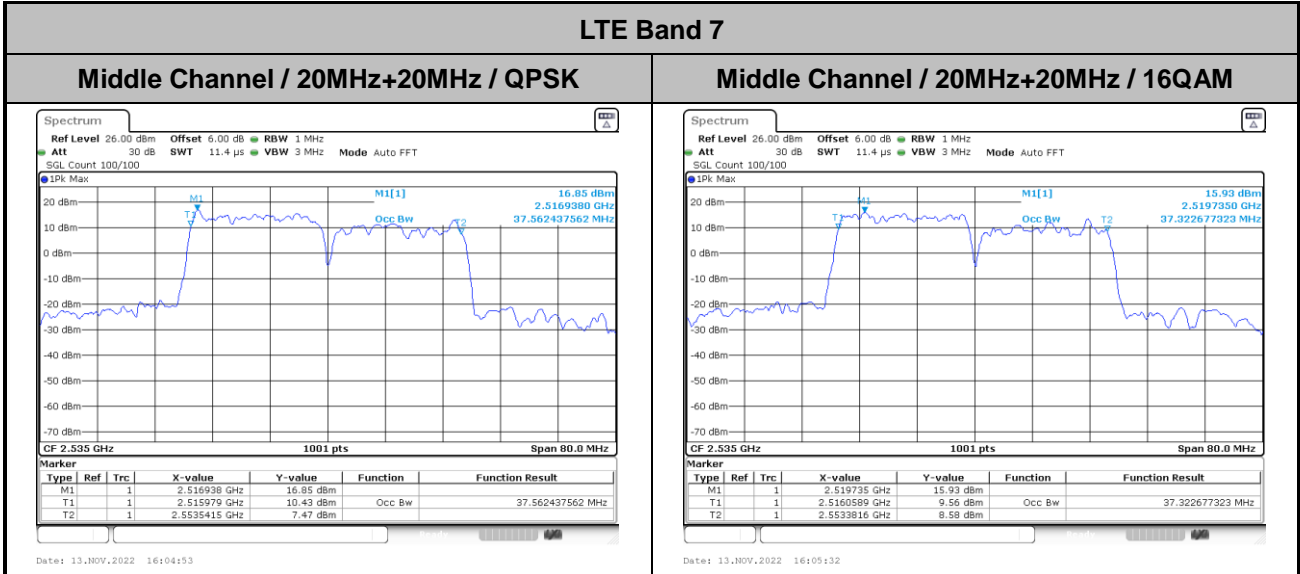
Mode	LTE Band 7c : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.88	39.88





Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.56	37.32



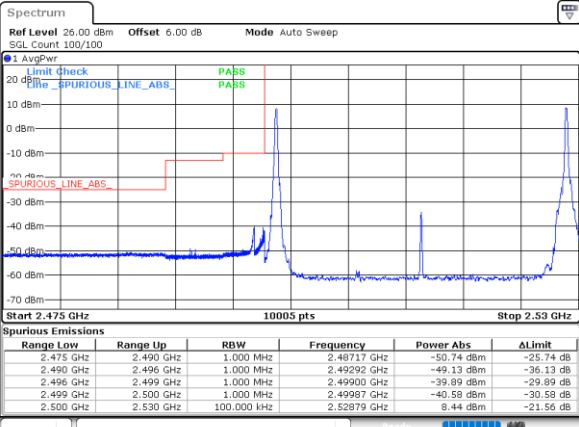


Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

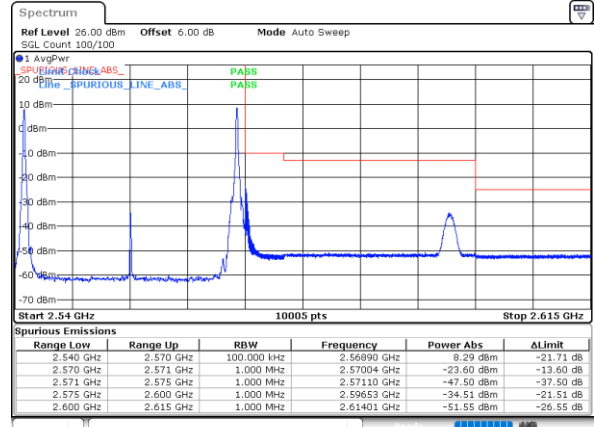
QPSK

Lowest Band Edge / 1RB0 and 1RB9



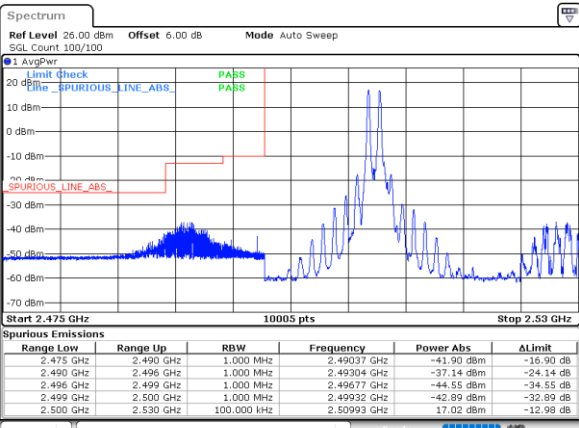
Date: 11.NOV.2022 21:49:40

Highest Band Edge / 1RB0 and 1RB9



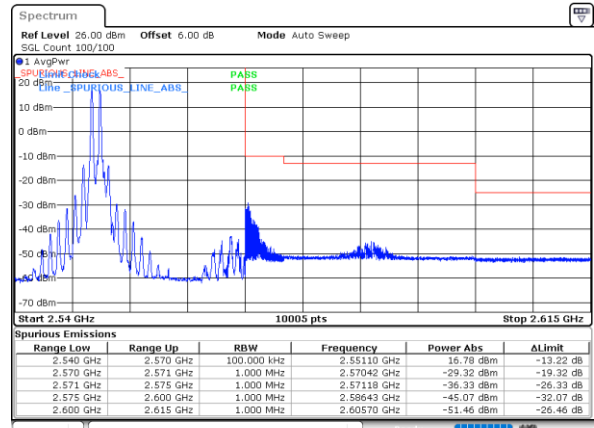
Date: 11.NOV.2022 23:22:13

Lowest Band Edge / 1RB49 and 1RB0



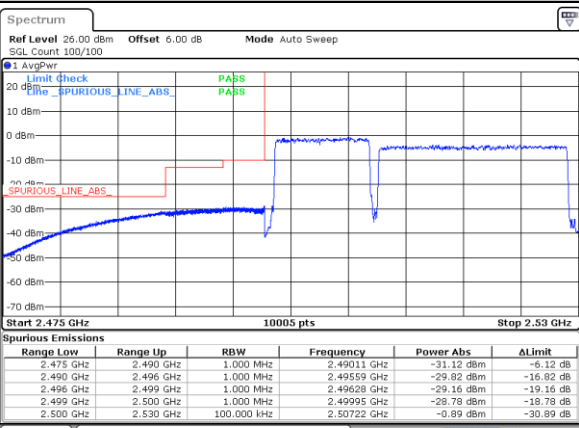
Date: 11.NOV.2022 21:55:42

Highest Band Edge / 1RB49 and 1RB0



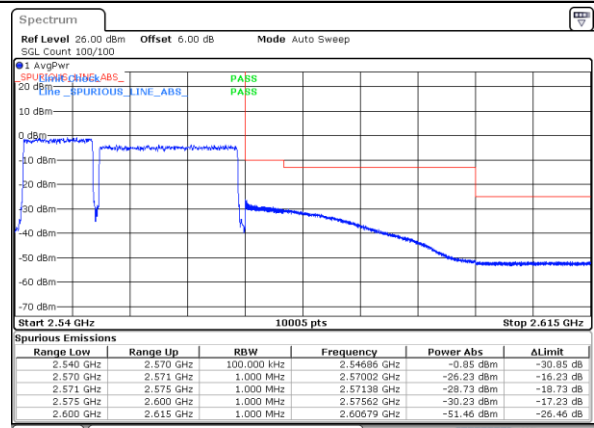
Date: 11.NOV.2022 23:08:25

Lowest Band Edge / Full RB



Date: 11.NOV.2022 22:01:43

Highest Band Edge / Full RB



Date: 11.NOV.2022 23:14:25

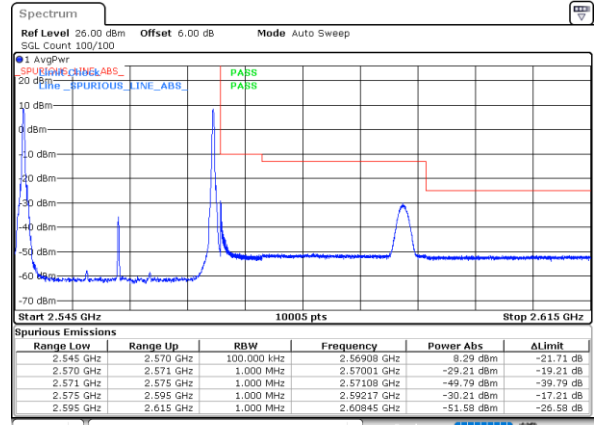
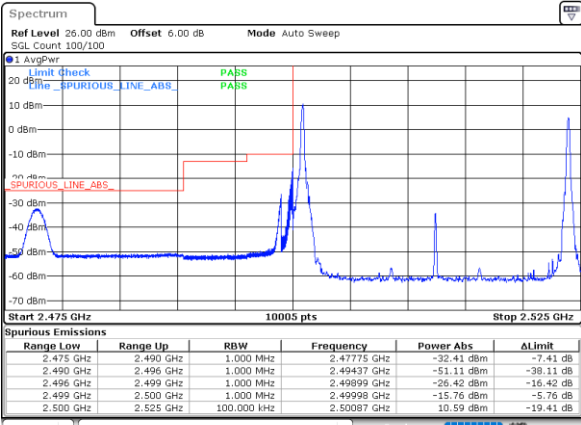


LTE Band 7 / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

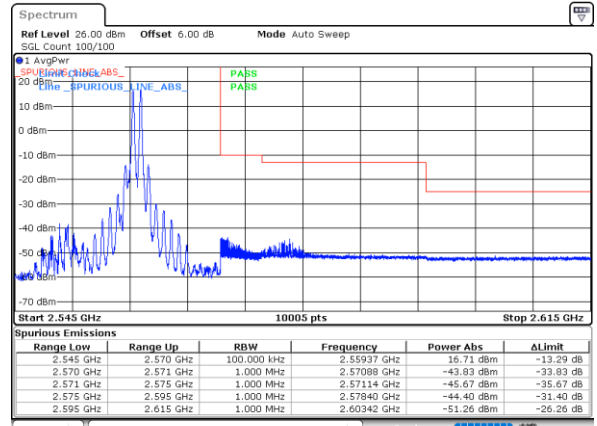
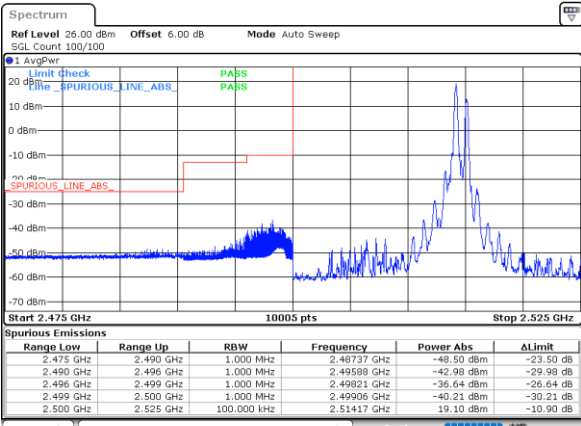


Date: 12.NOV.2022 06:10:51

Date: 12.NOV.2022 06:13:07

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

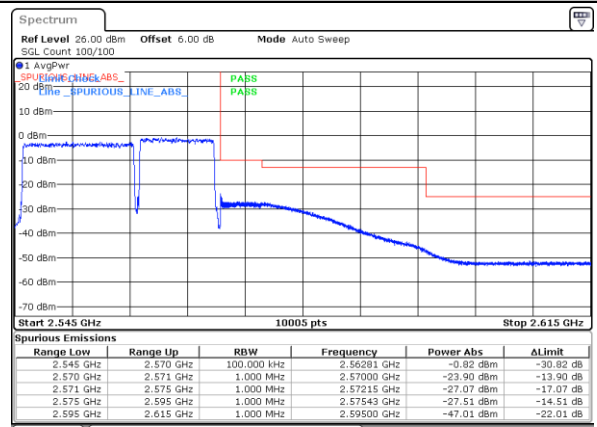
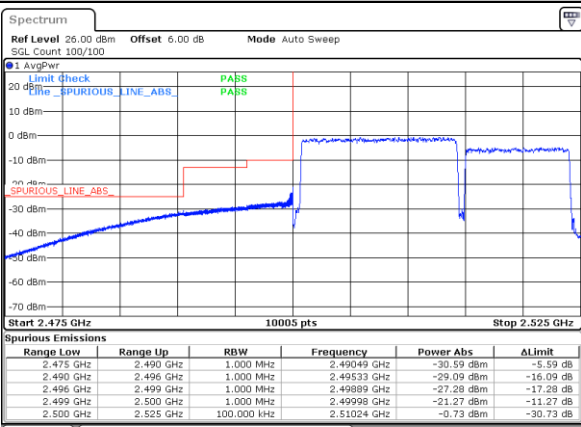


Date: 12.NOV.2022 06:12:55

Date: 12.NOV.2022 06:13:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.NOV.2022 06:18:59

Date: 12.NOV.2022 06:19:15