

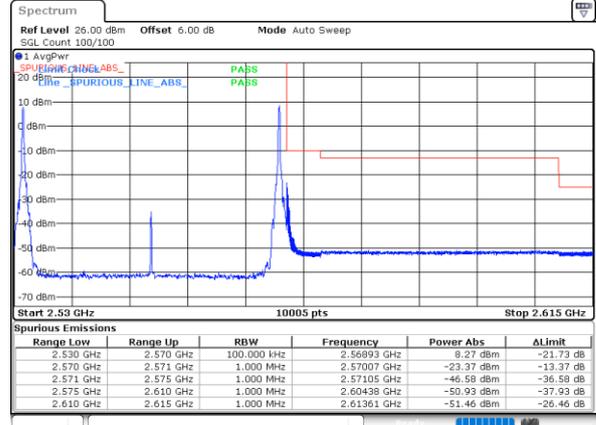
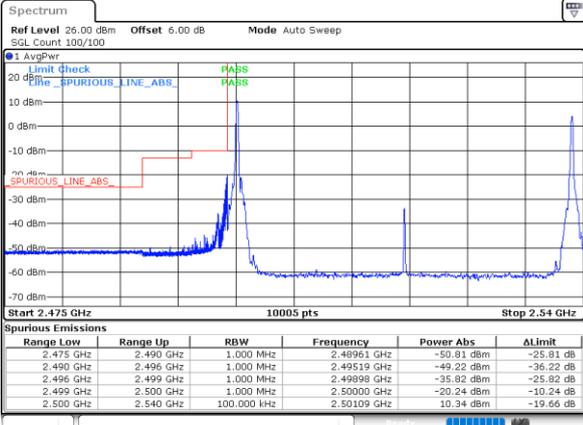


LTE Band 7 / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

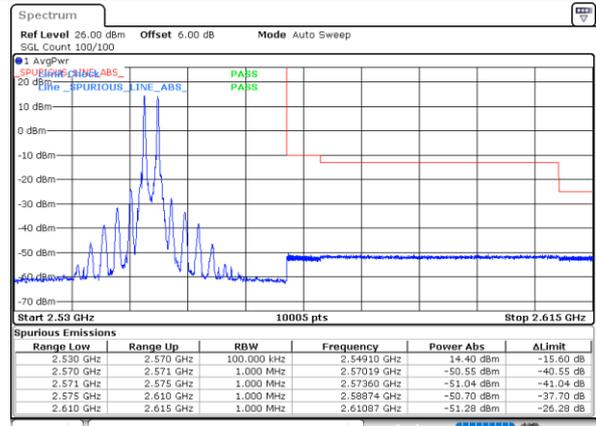
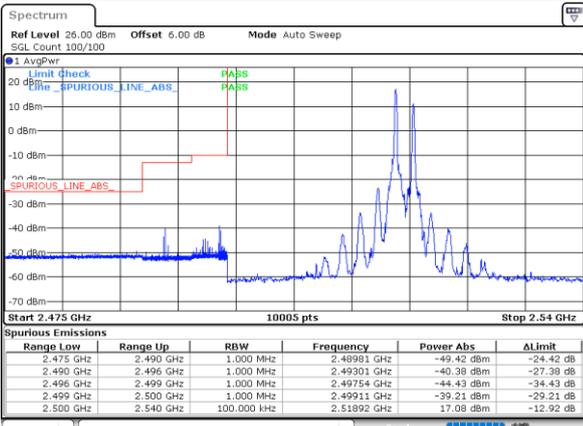


Date: 12.NOV.2022 04:13:44

Date: 12.NOV.2022 04:43:00

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

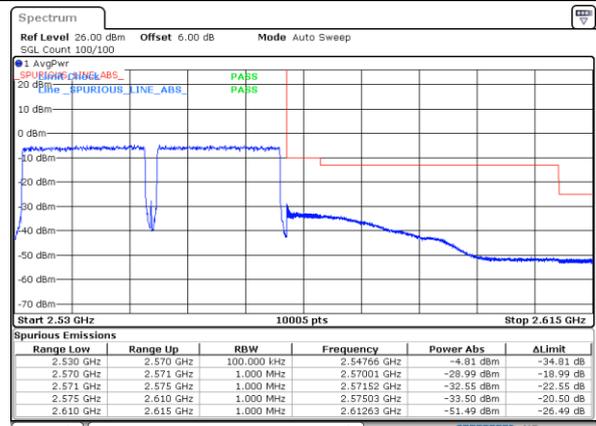
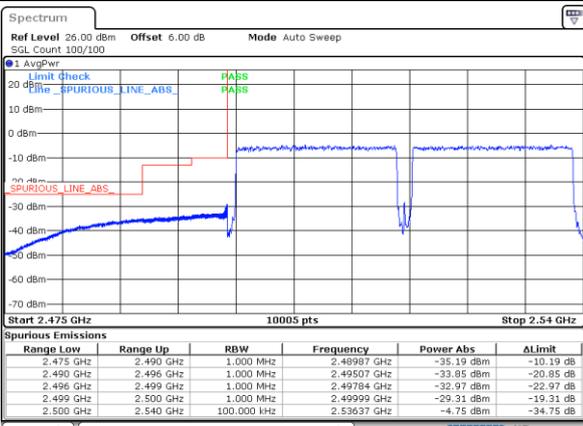


Date: 12.NOV.2022 04:19:46

Date: 12.NOV.2022 05:21:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.NOV.2022 04:25:49

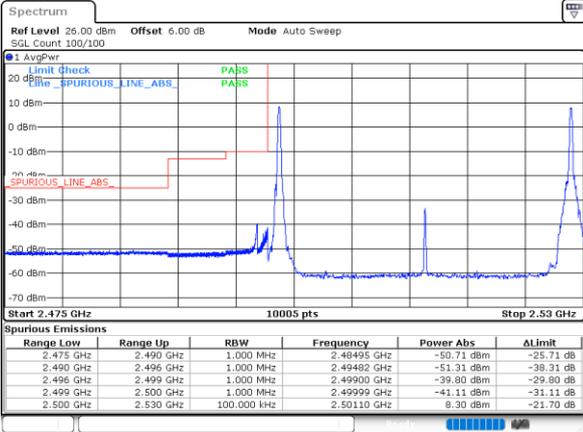
Date: 12.NOV.2022 05:27:33



LTE Band 7 / 10MHz+20MHz

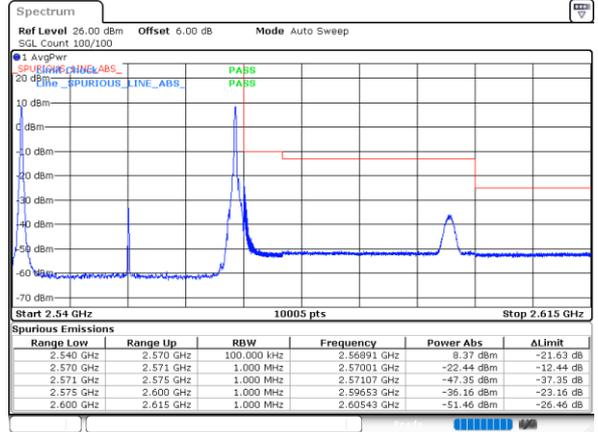
256QAM

Lowest Band Edge / 1RB0 and 1RB9



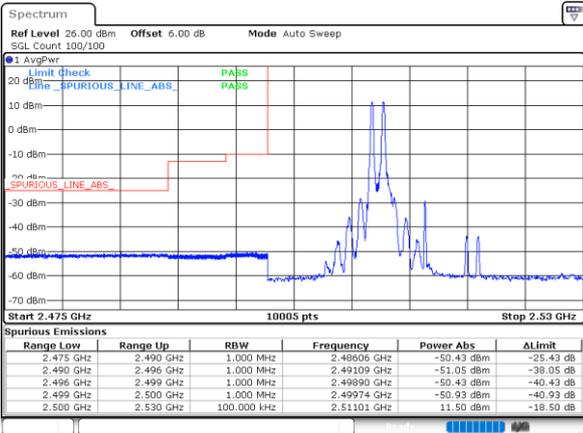
Date: 11.NOV.2022 21:54:11

Highest Band Edge / 1RB0 and 1RB9



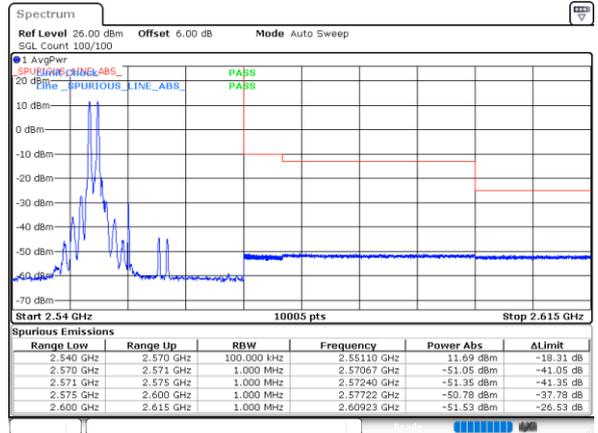
Date: 11.NOV.2022 23:06:55

Lowest Band Edge / 1RB49 and 1RB0



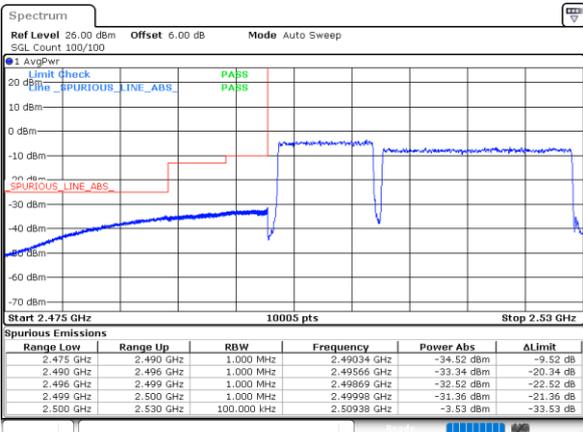
Date: 11.NOV.2022 22:00:12

Highest Band Edge / 1RB49 and 1RB0



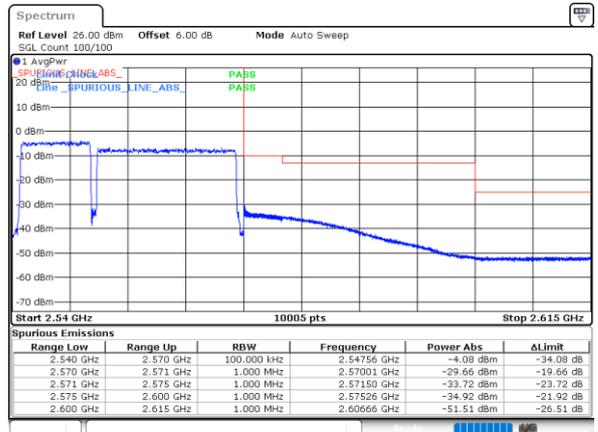
Date: 11.NOV.2022 23:12:54

Lowest Band Edge / Full RB



Date: 11.NOV.2022 22:06:13

Highest Band Edge / Full RB



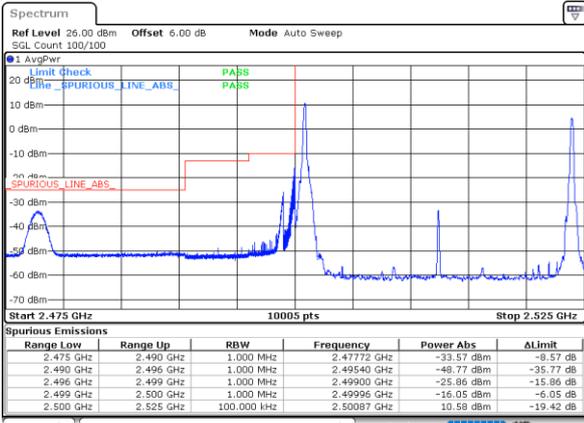
Date: 11.NOV.2022 23:18:54



LTE Band 7 / 15MHz+10MHz

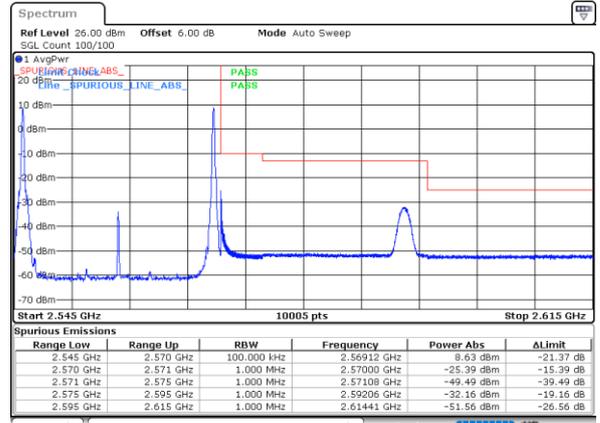
256QAM

Lowest Band Edge / 1RB0 and 1RB49



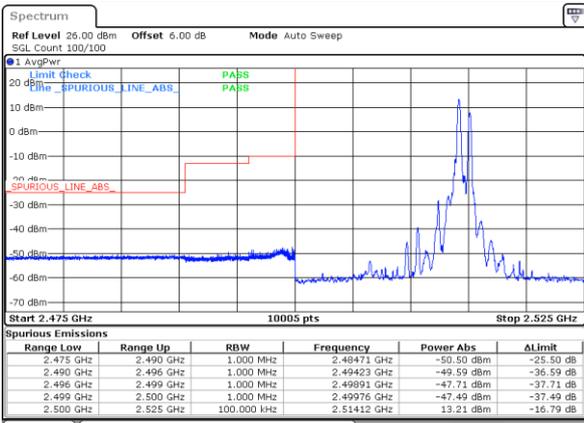
Date: 12.NOV.2022 06:11:23

Highest Band Edge / 1RB0 and 1RB49



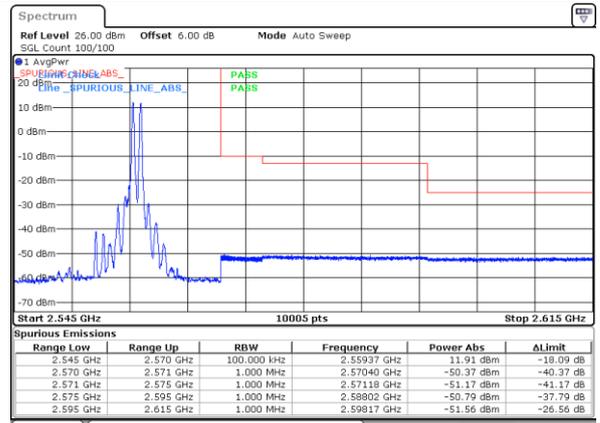
Date: 12.NOV.2022 06:41:40

Lowest Band Edge / 1RB74 and 1RB0



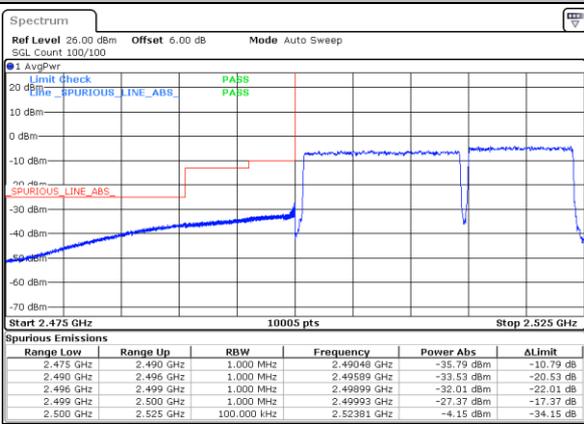
Date: 12.NOV.2022 06:17:27

Highest Band Edge / 1RB74 and 1RB0



Date: 12.NOV.2022 06:47:43

Lowest Band Edge / Full RB



Date: 12.NOV.2022 06:12:32

Highest Band Edge / Full RB



Date: 12.NOV.2022 06:52:17

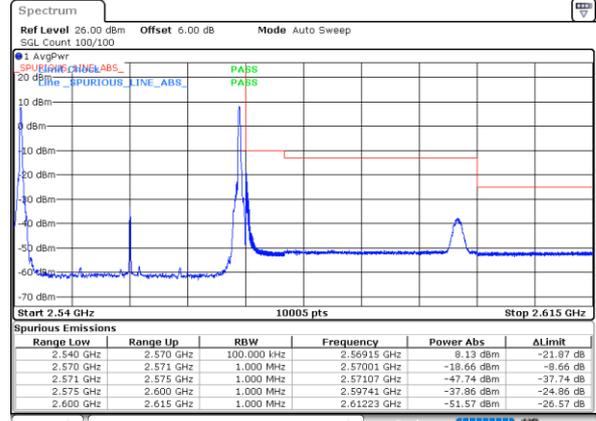
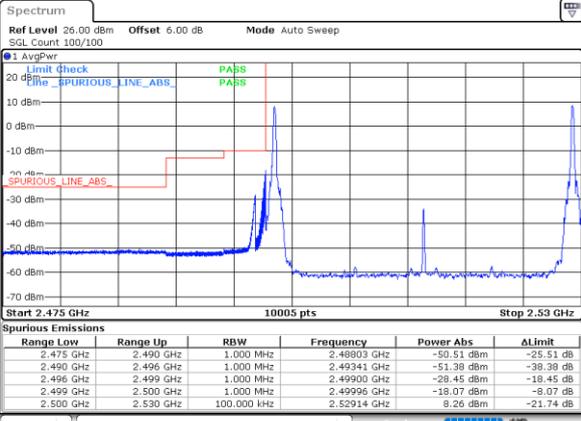


LTE Band 7 / 15MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

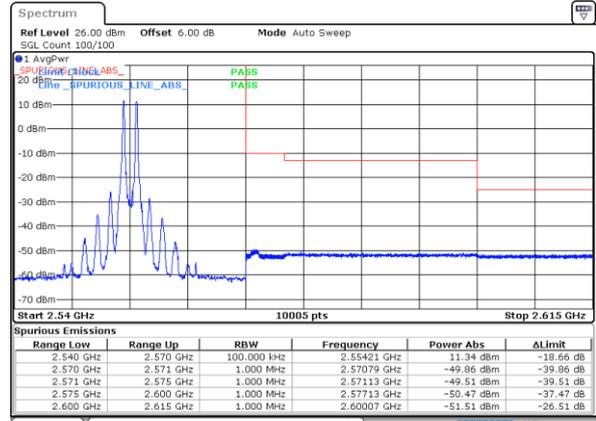
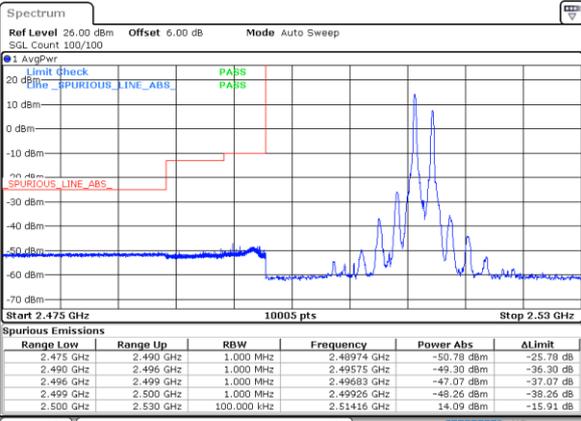


Date: 12.NOV.2022 01:12:18

Date: 12.NOV.2022 01:41:07

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

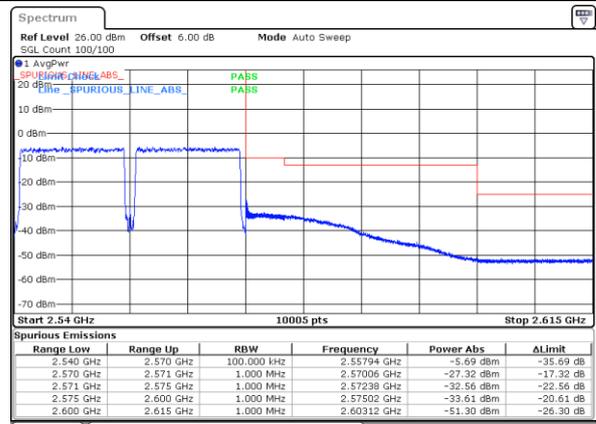
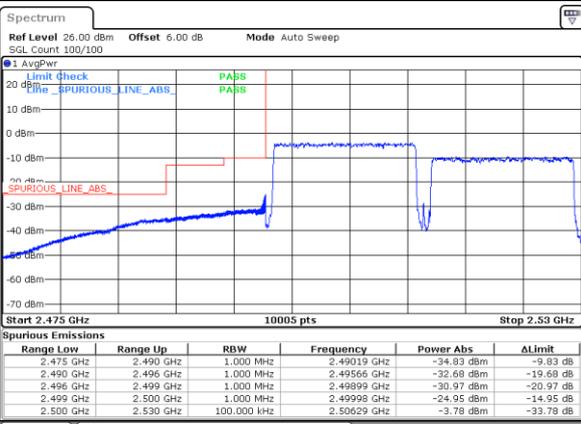


Date: 12.NOV.2022 01:22:17

Date: 12.NOV.2022 01:47:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.NOV.2022 01:28:19

Date: 12.NOV.2022 01:53:08

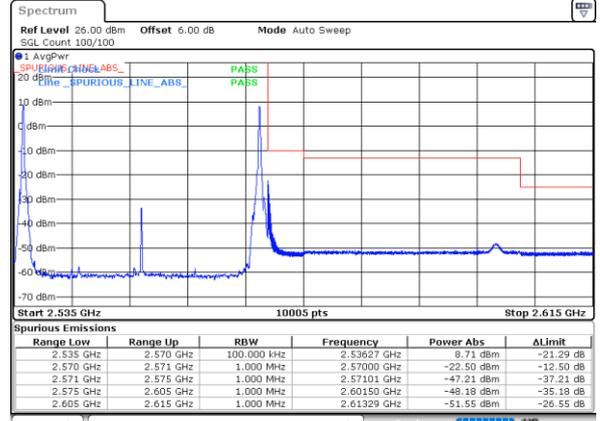
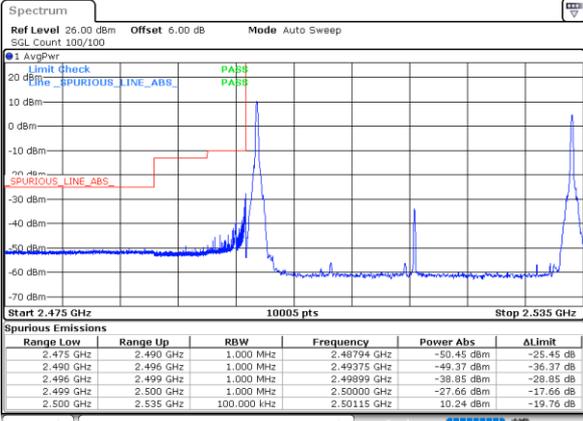


LTE Band 7 / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

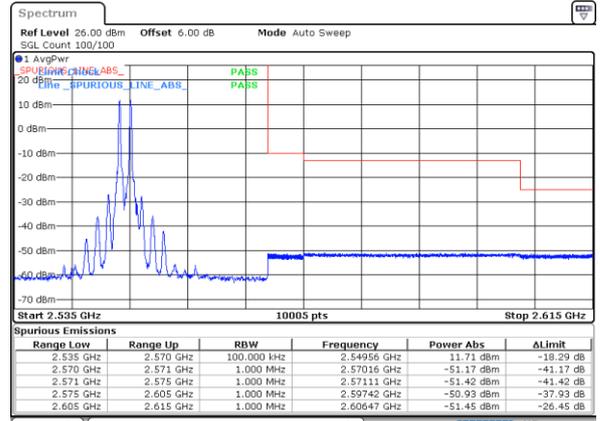
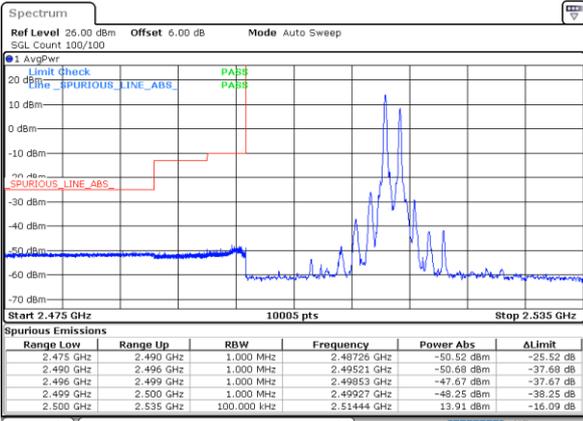


Date: 12.NOV.2022 02:10:26

Date: 12.NOV.2022 02:14:56

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

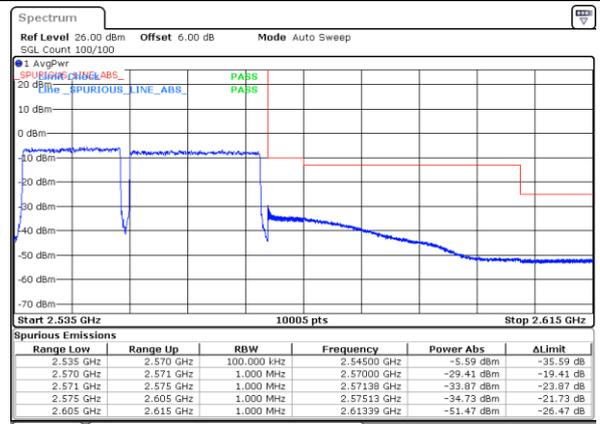
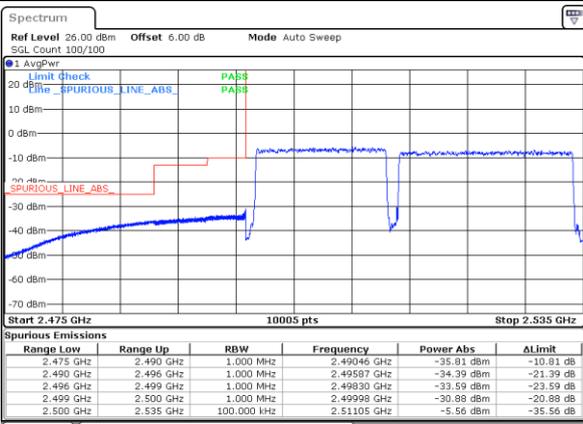


Date: 12.NOV.2022 02:12:29

Date: 12.NOV.2022 02:14:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.NOV.2022 02:18:31

Date: 12.NOV.2022 02:54:58

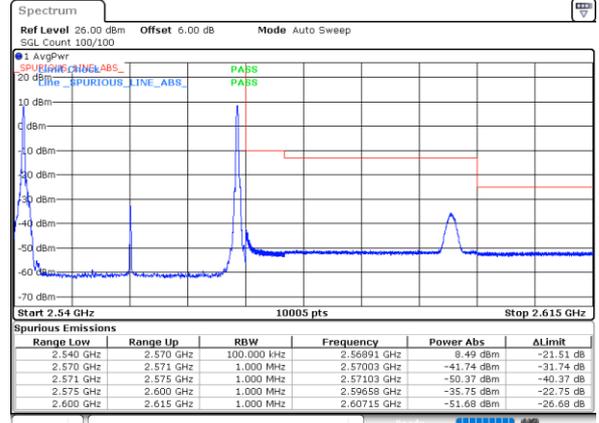
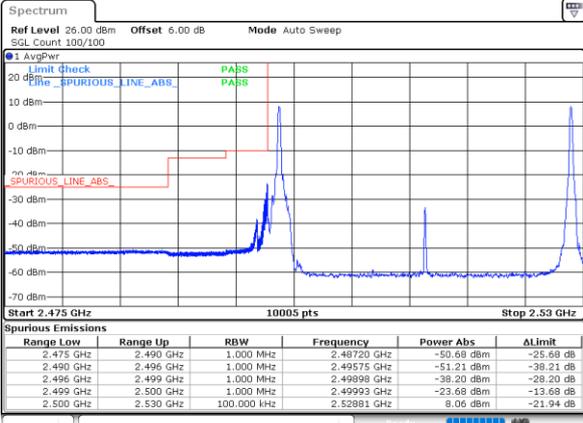


LTE Band 7 / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

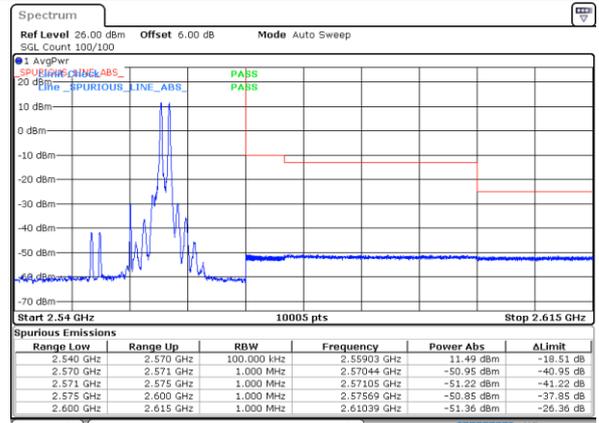
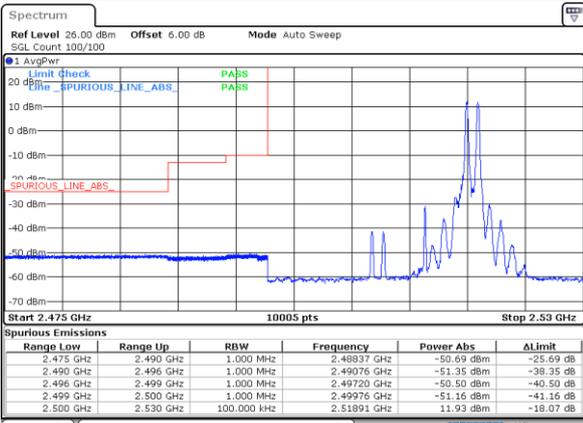


Date: 11.NOV.2022 23:30:36

Date: 11.NOV.2022 23:49:57

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

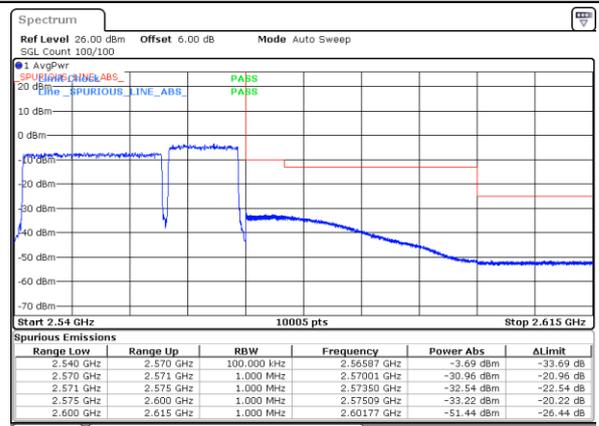
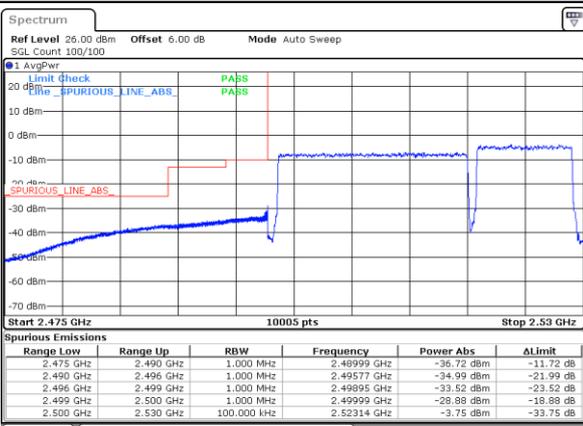


Date: 11.NOV.2022 23:36:56

Date: 11.NOV.2022 23:55:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.NOV.2022 23:42:57

Date: 12.NOV.2022 00:01:57

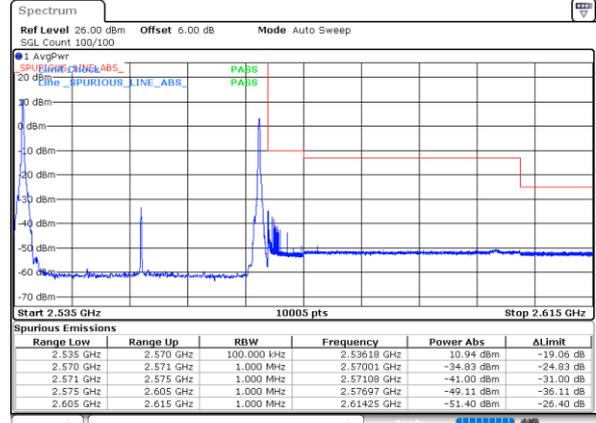
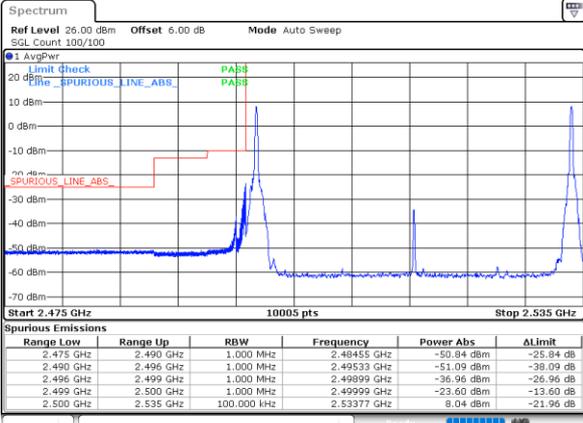


LTE Band 7 / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

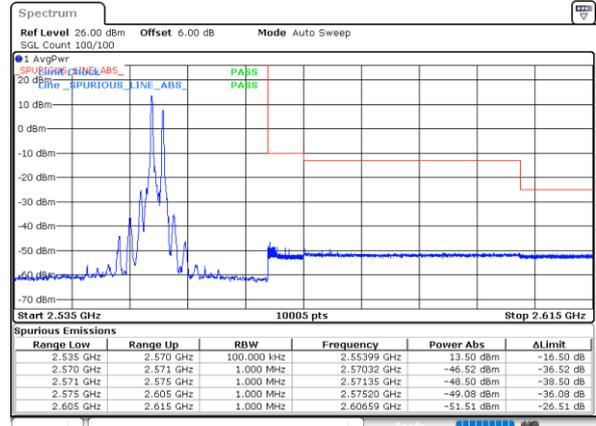
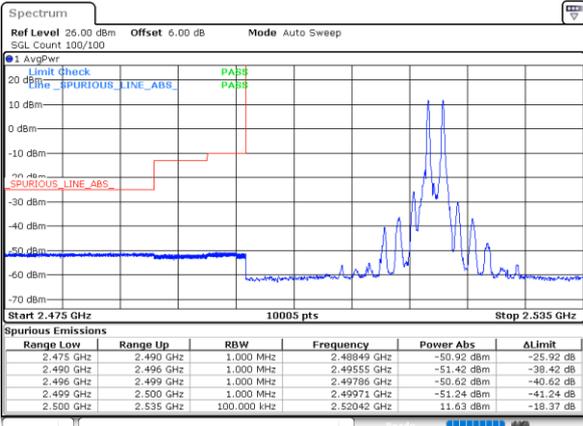


Date: 12.NOV.2022 03:20:58

Date: 12.NOV.2022 03:52:01

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

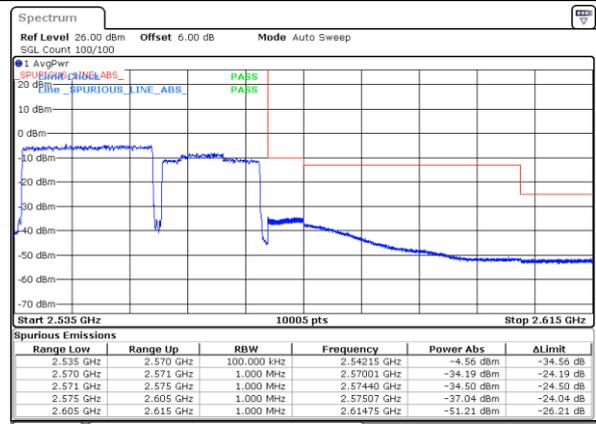
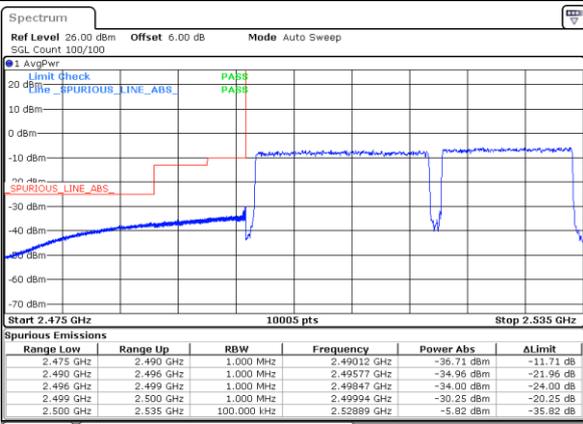


Date: 12.NOV.2022 03:27:00

Date: 12.NOV.2022 03:58:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.NOV.2022 03:33:02

Date: 12.NOV.2022 04:04:12

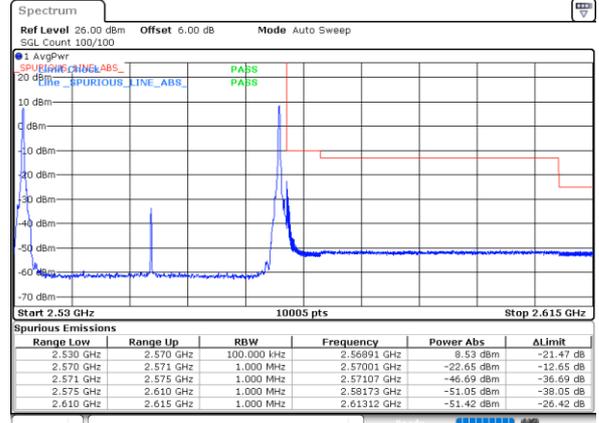
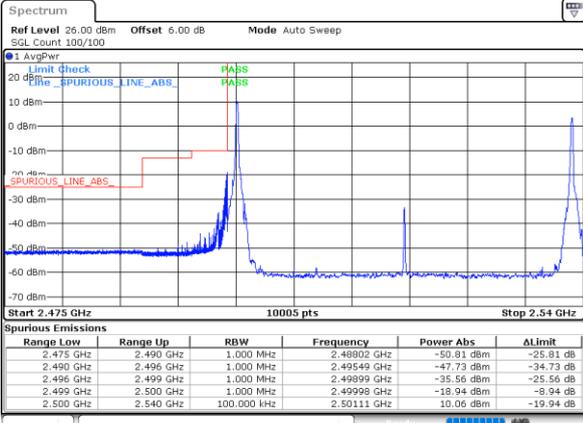


LTE Band 7 / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

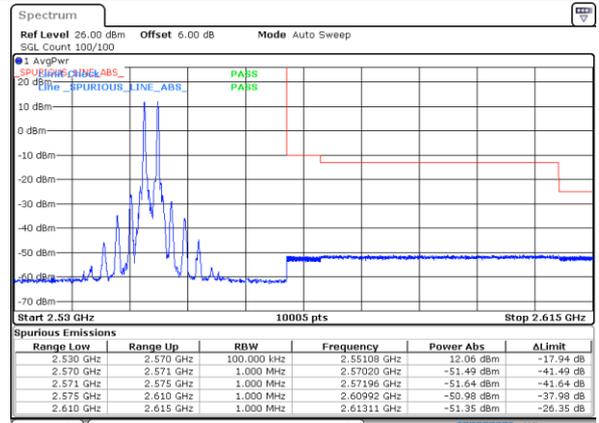
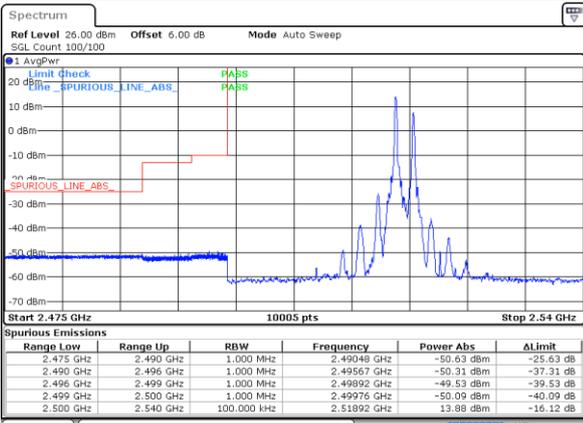


Date: 12.NOV.2022 04:15:14

Date: 12.NOV.2022 04:44:30

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

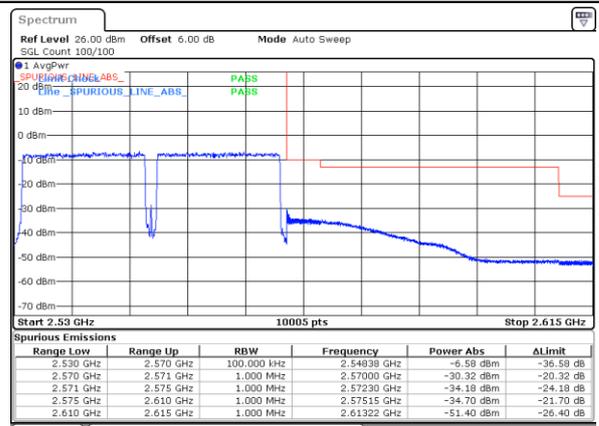
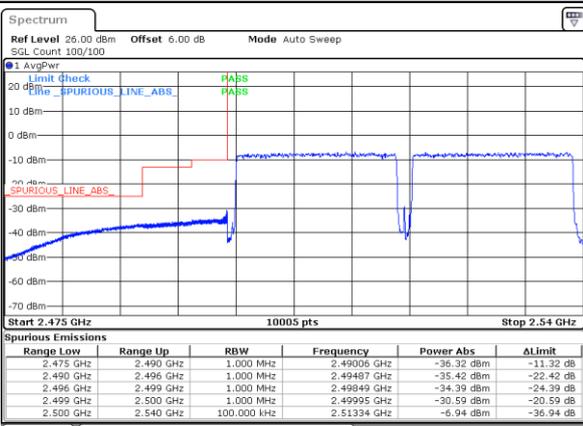


Date: 12.NOV.2022 04:21:16

Date: 12.NOV.2022 05:23:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.NOV.2022 04:27:20

Date: 12.NOV.2022 05:29:04

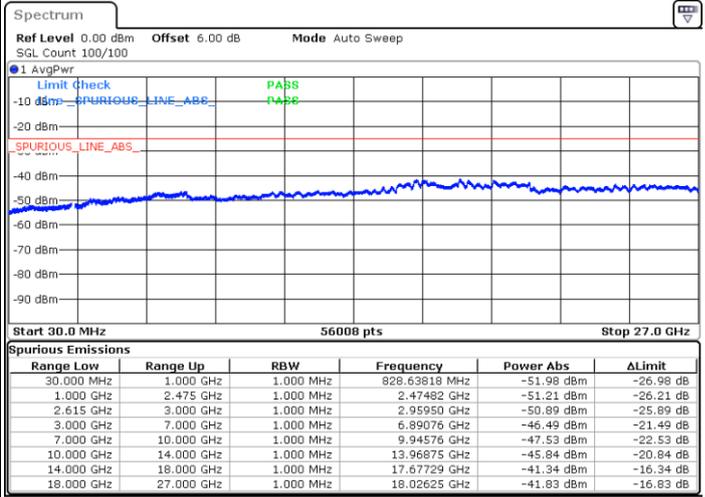
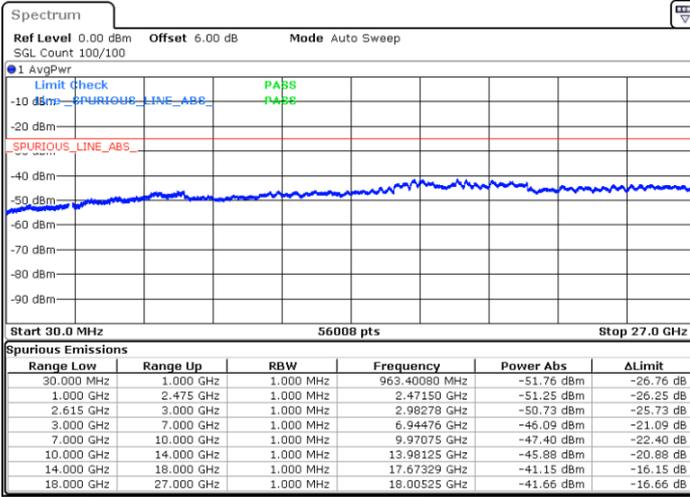


Conducted Spurious Emission

LTE Band 7 / 10MHz+20MHz

Lowest Channel / QPSK

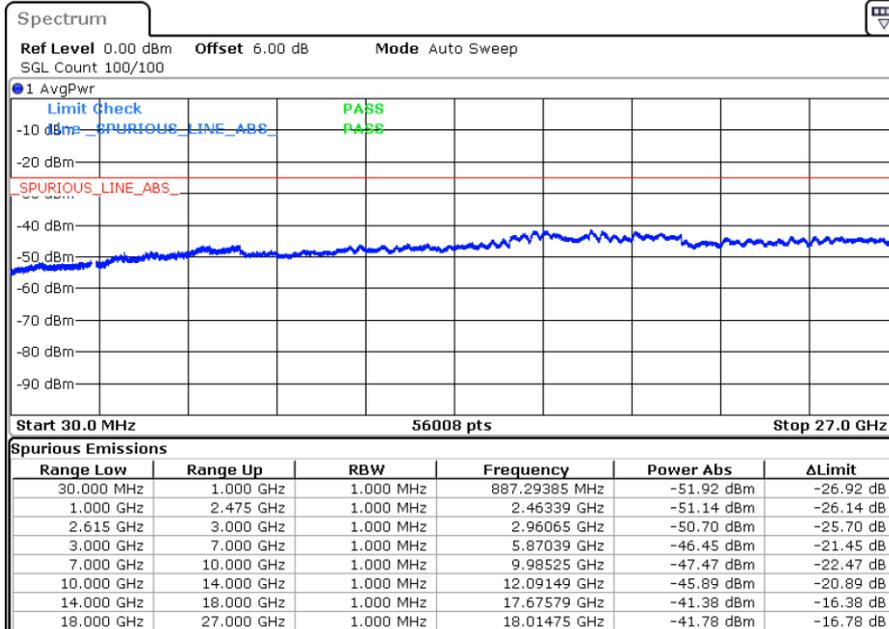
Middle Channel / QPSK



Date: 11.NOV.2022 21:48:10

Date: 11.NOV.2022 22:18:25

Highest Channel / QPSK



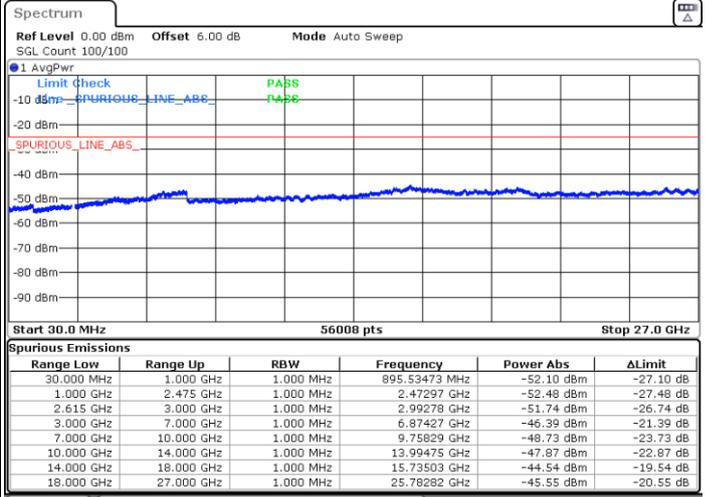
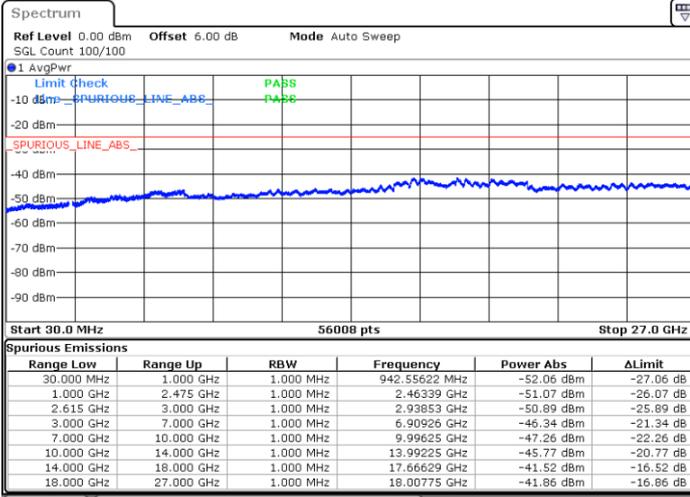
Date: 11.NOV.2022 22:39:26



LTE Band 7 / 15MHz+10MHz

Lowest Channel / QPSK

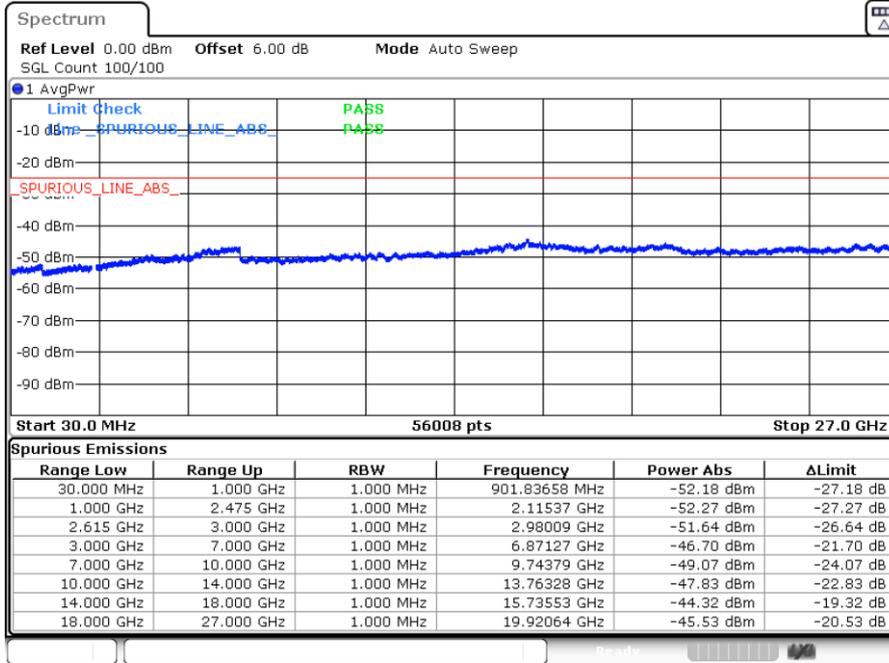
Middle Channel / QPSK



Date: 12.NOV.2022 06:55:28

Date: 13.NOV.2022 15:57:21

Highest Channel / QPSK



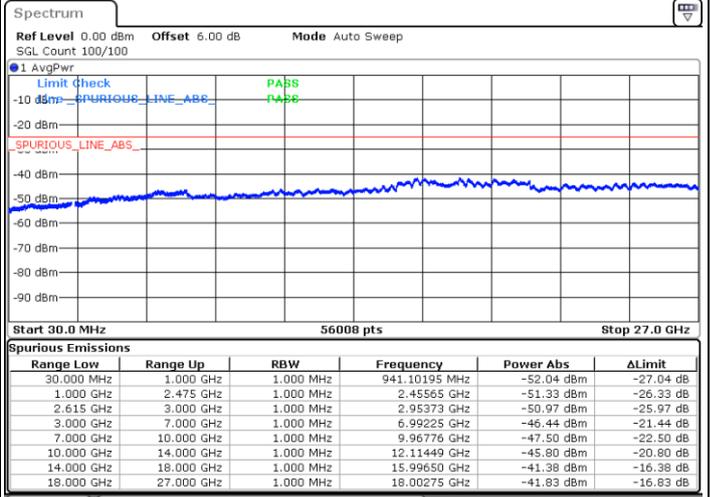
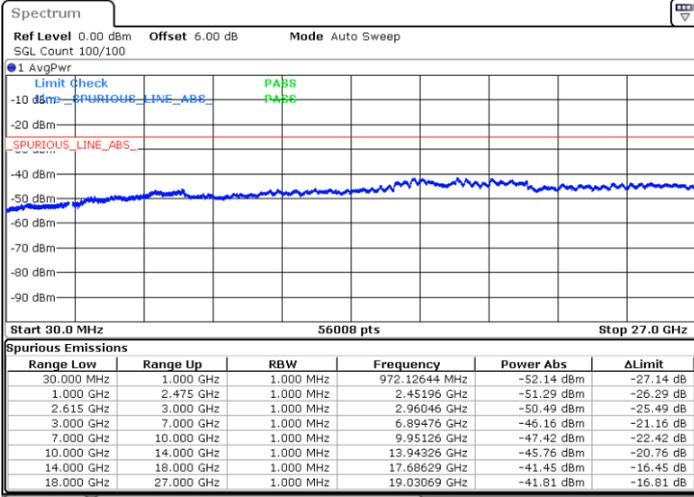
Date: 13.NOV.2022 15:58:44



LTE Band 7 / 15MHz+15MHz

Lowest Channel / QPSK

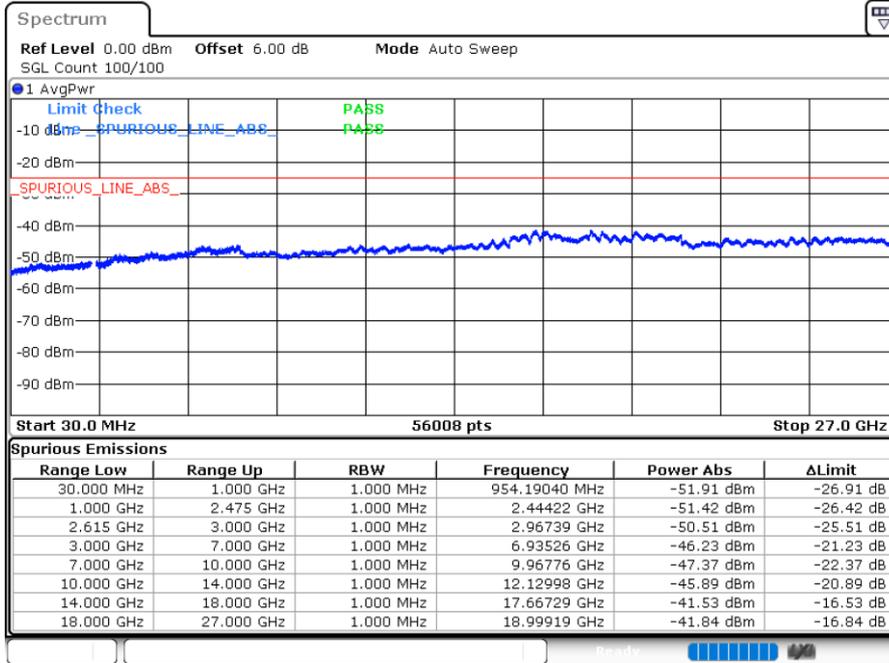
Middle Channel / QPSK



Date: 12.NOV.2022 01:58:18

Date: 12.NOV.2022 01:56:52

Highest Channel / QPSK



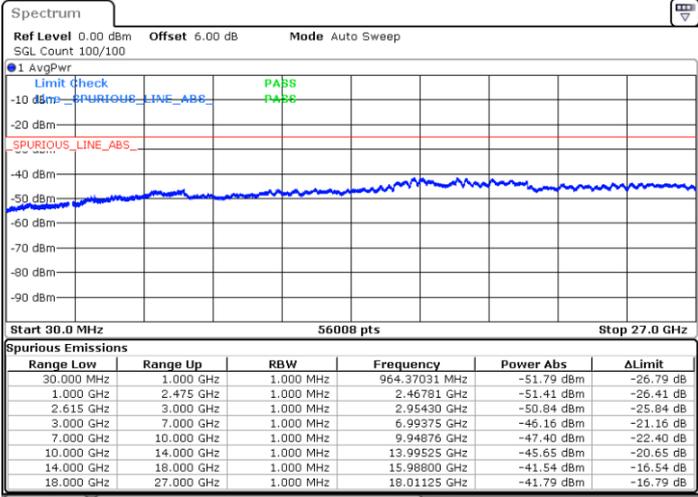
Date: 12.NOV.2022 01:55:30



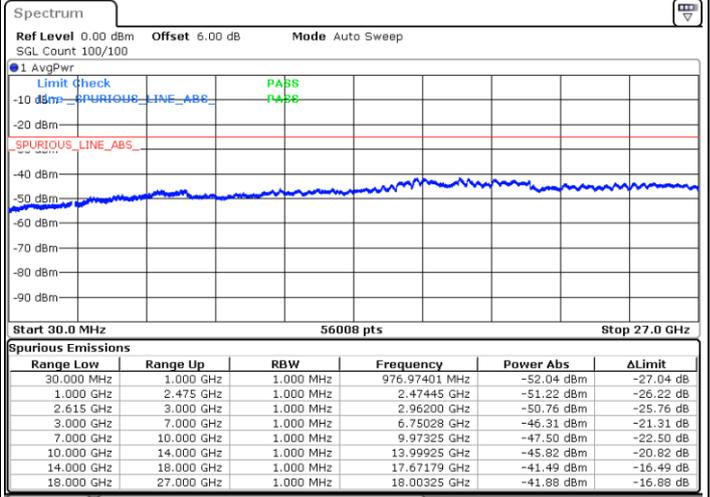
LTE Band 7 / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

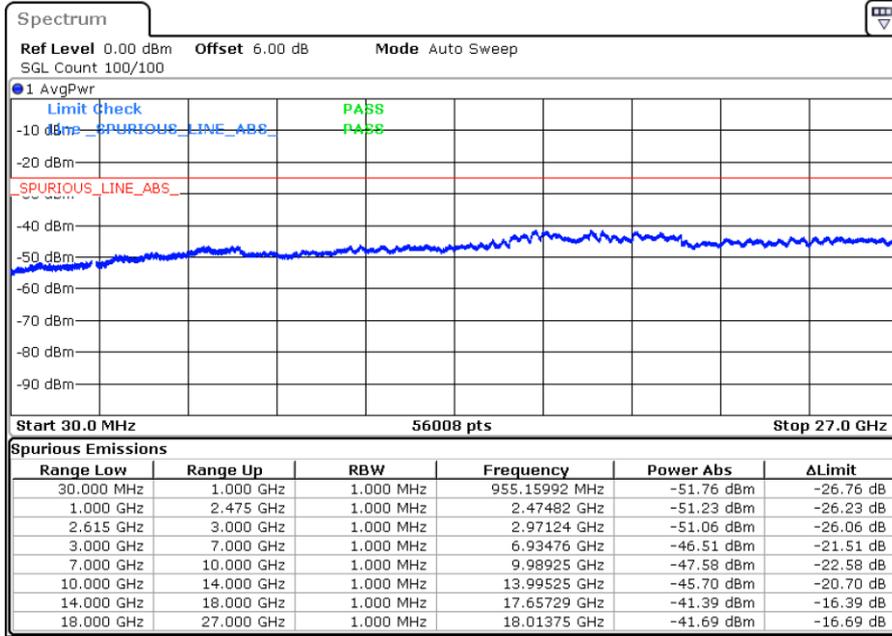


Date: 12.NOV.2022 03:10:42



Date: 12.NOV.2022 02:56:58

Highest Channel / QPSK



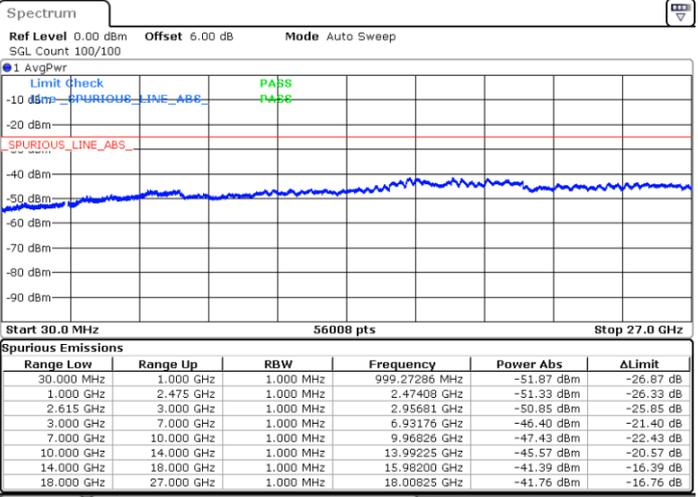
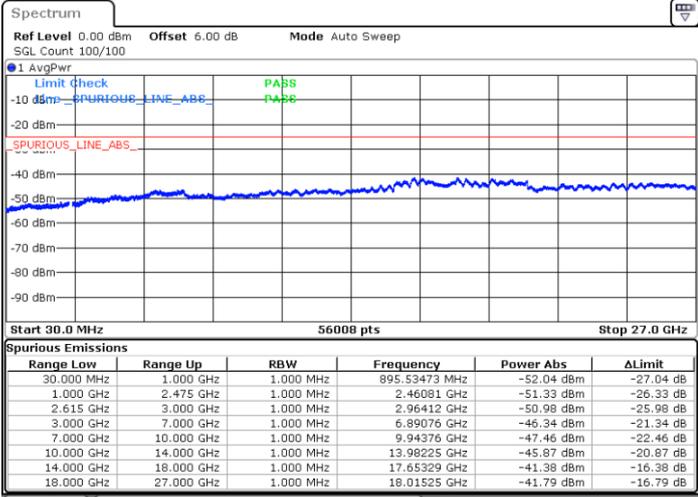
Date: 12.NOV.2022 03:12:22



LTE Band 7 / 20MHz+10MHz

Lowest Channel / QPSK

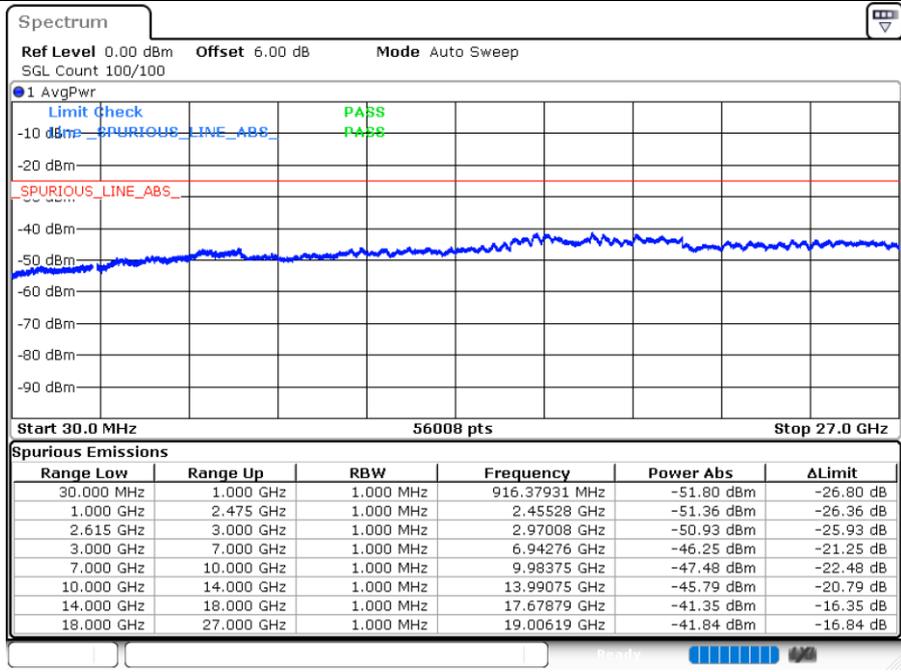
Middle Channel / QPSK



Date: 12.NOV.2022 00:57:21

Date: 12.NOV.2022 00:56:05

Highest Channel / QPSK



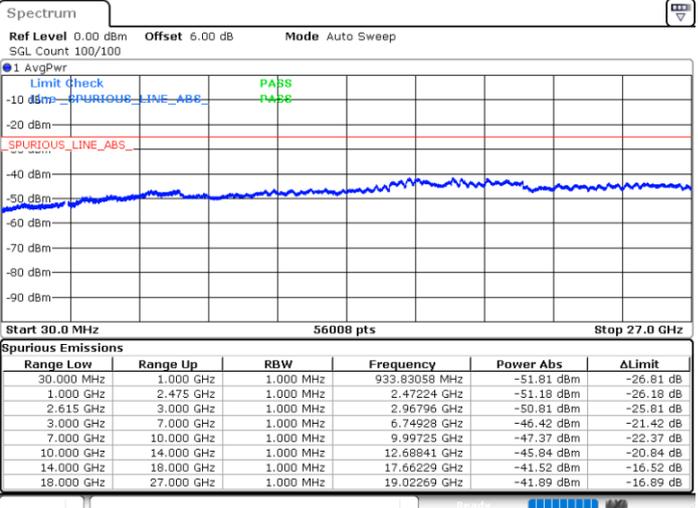
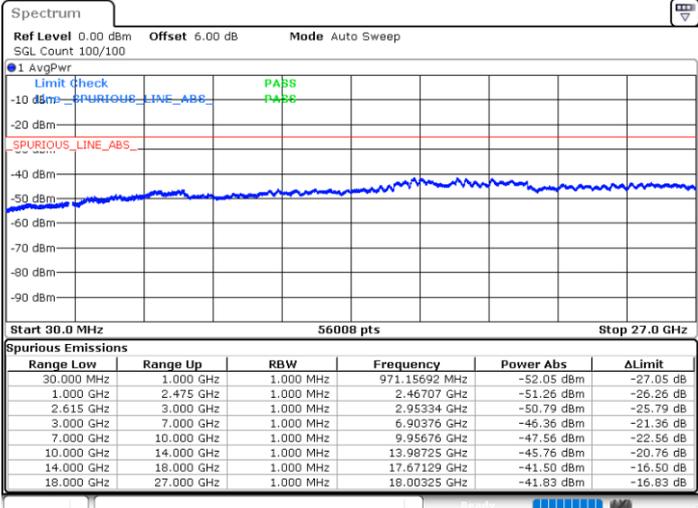
Date: 12.NOV.2022 00:54:43



LTE Band 7 / 20MHz+15MHz

Lowest Channel / QPSK

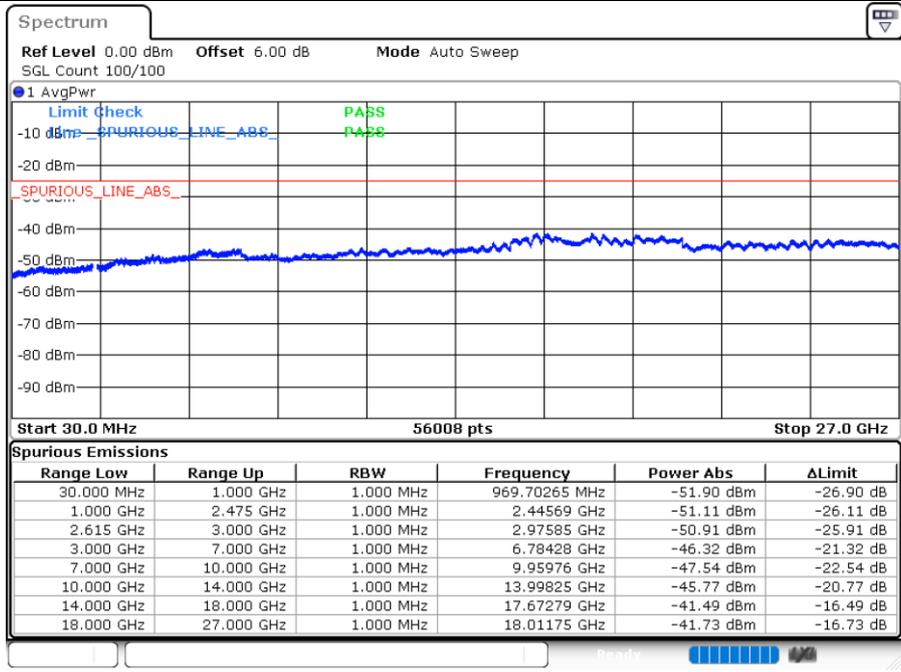
Middle Channel / QPSK



Date: 12.NOV.2022 03:38:38

Date: 12.NOV.2022 03:43:12

Highest Channel / QPSK



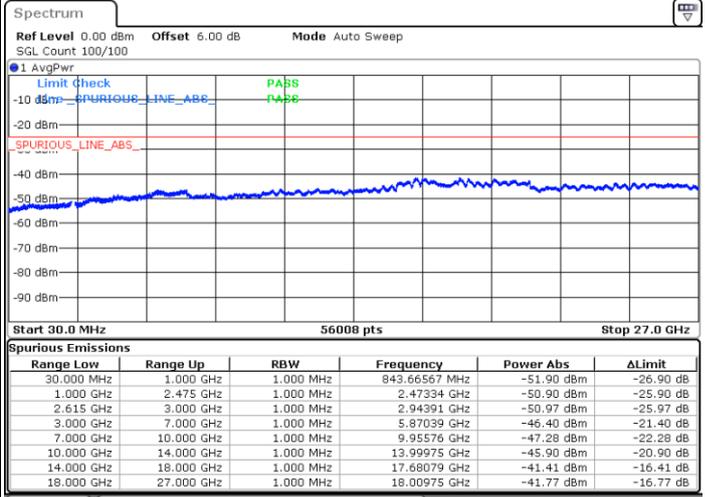
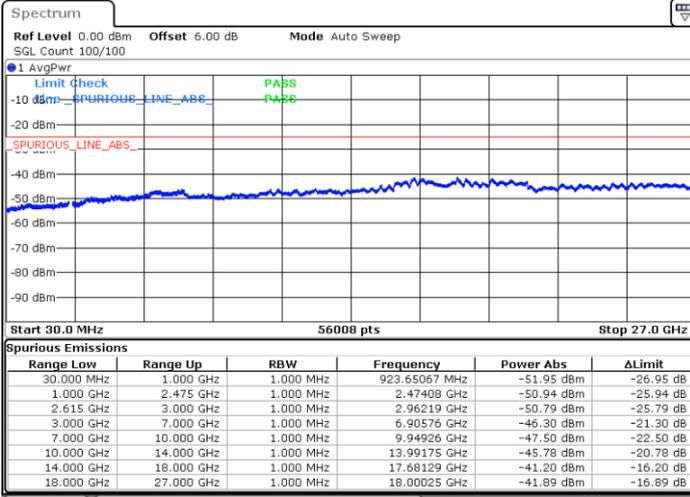
Date: 12.NOV.2022 03:44:41



LTE Band 7 /20MHz+20MHz

Lowest Channel / QPSK

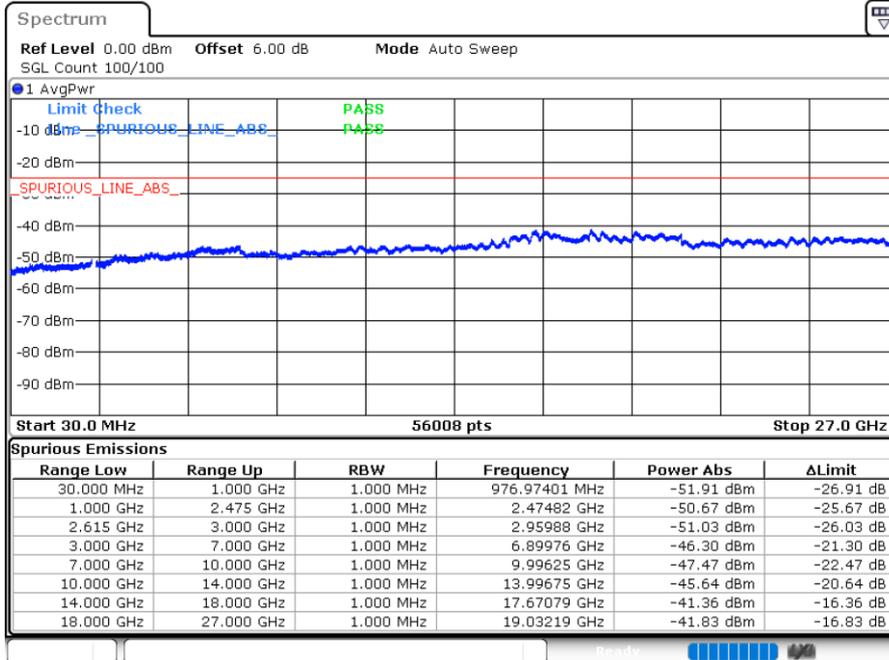
Middle Channel / QPSK



Date: 12.NOV.2022 04:31:30

Date: 12.NOV.2022 04:32:51

Highest Channel / QPSK



Date: 12.NOV.2022 04:34:13



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	0.0009	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0033	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0017	

Note:

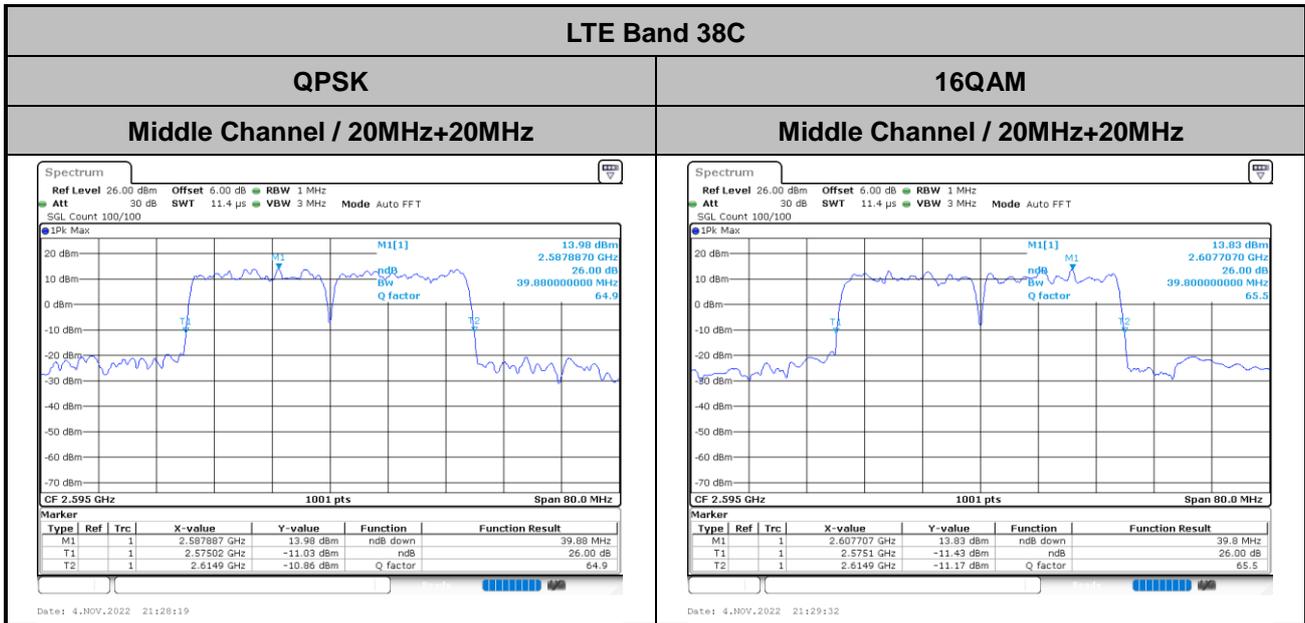
1. Normal Voltage = 3.87V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage = 4.25V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38C(Main PA)

26dB Bandwidth

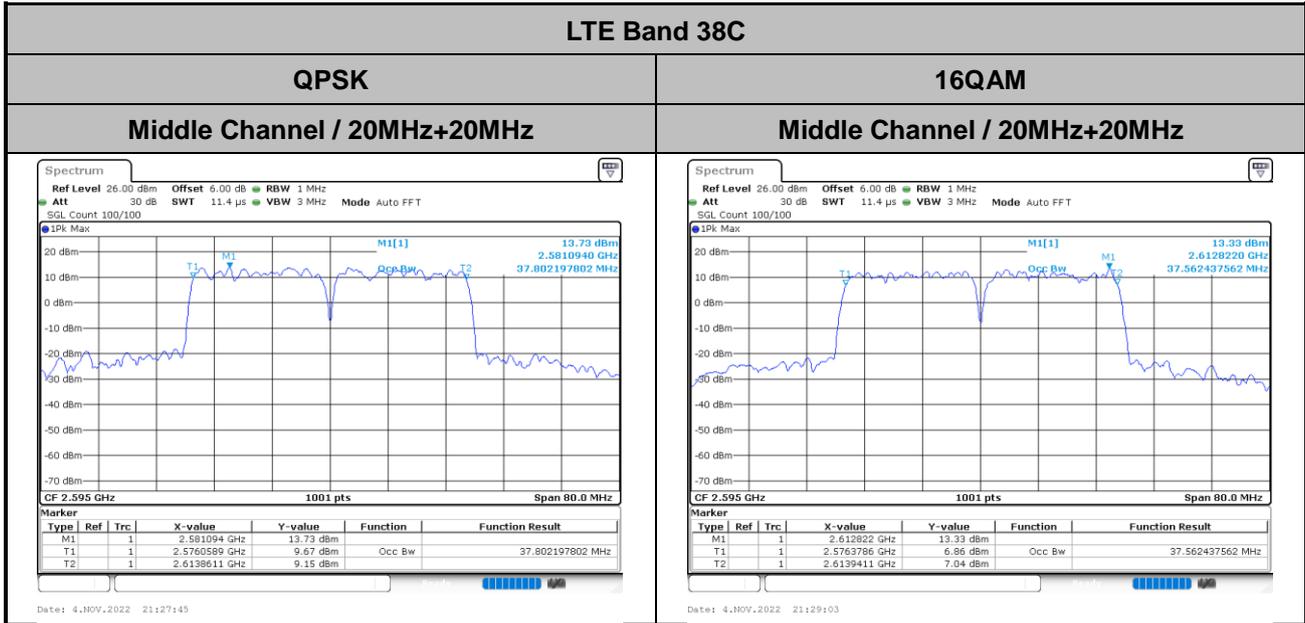
Mode	LTE Band 38C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.88	39.80





Occupied Bandwidth

Mode	LTE Band 38C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.80	37.56



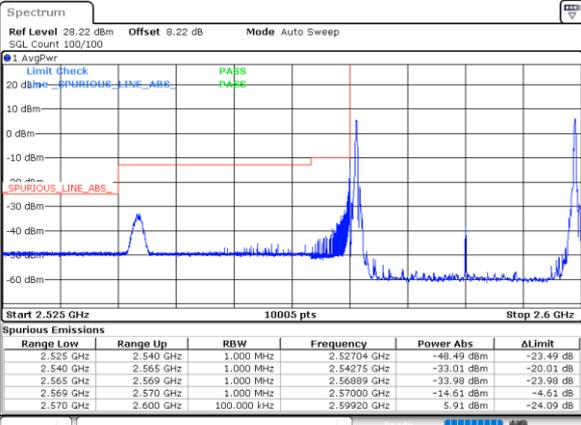


Conducted Band Edge

LTE Band 38C / 15MHz+15MHz

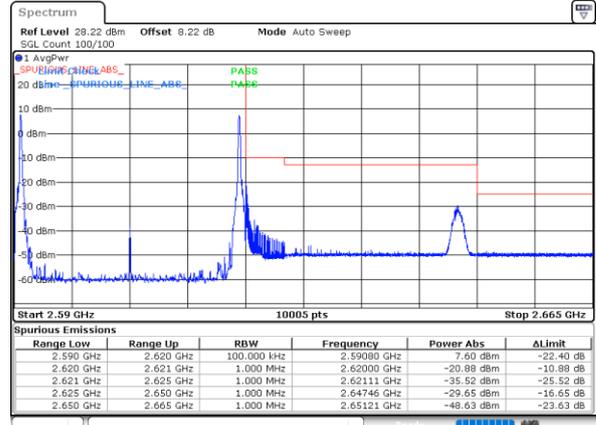
QPSK

Lowest Band Edge / 1RB0 and 1RB74



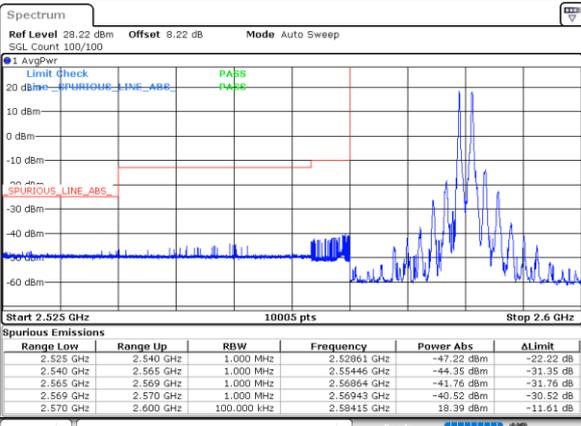
Date: 4.NOV.2022 04:45:02

Highest Band Edge / 1RB0 and 1RB74



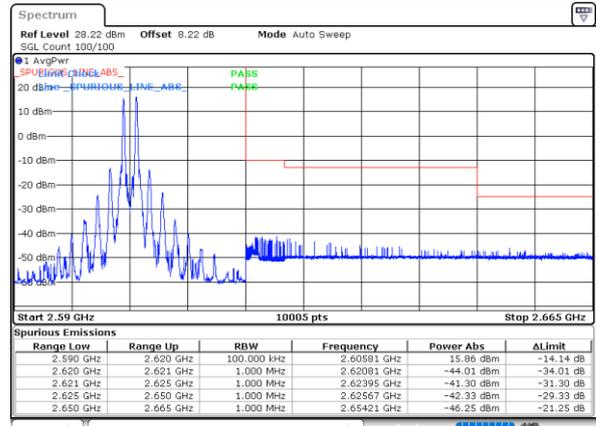
Date: 4.NOV.2022 05:14:49

Lowest Band Edge / 1RB74 and 1RB0



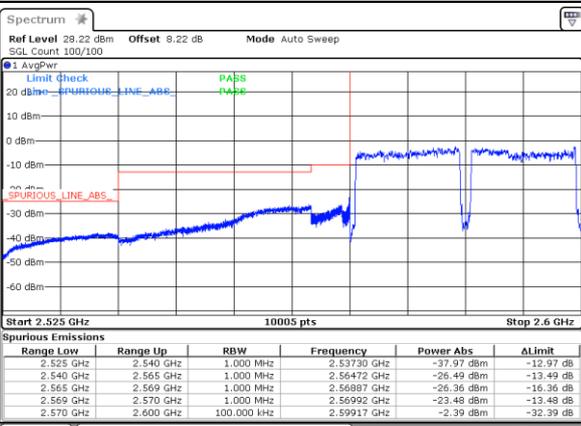
Date: 4.NOV.2022 04:54:17

Highest Band Edge / 1RB74 and 1RB0



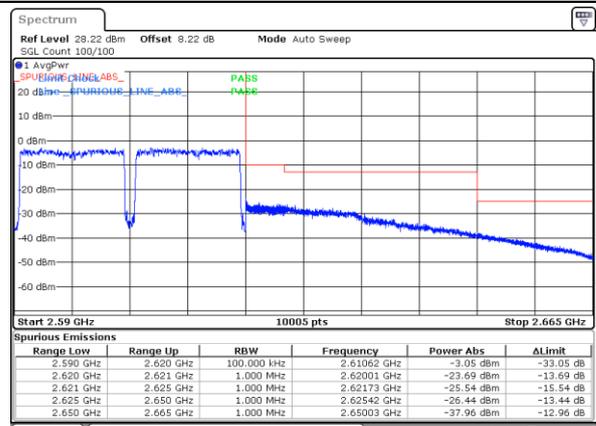
Date: 4.NOV.2022 05:05:38

Lowest Band Edge / Full RB



Date: 4.NOV.2022 04:55:36

Highest Band Edge / Full RB



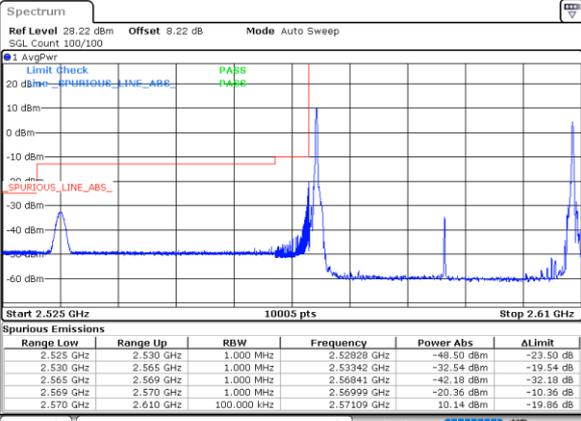
Date: 4.NOV.2022 05:16:08



LTE Band 38C / 20MHz+20MHz

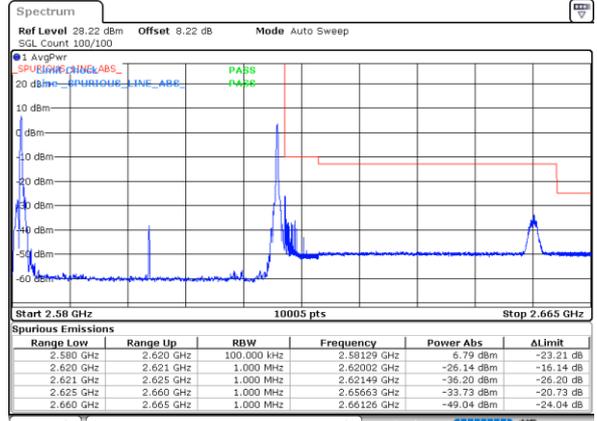
QPSK

Lowest Band Edge / 1RB0 and 1RB9



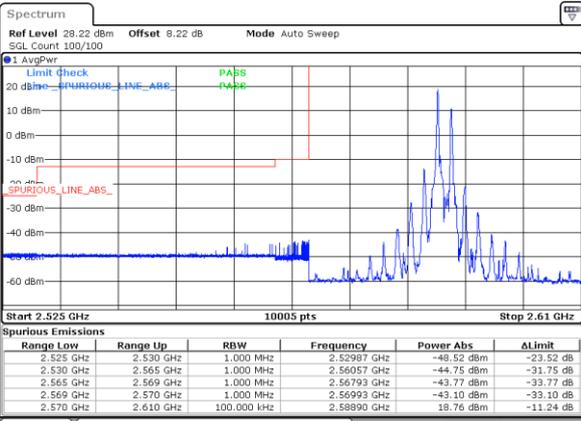
Date: 4.NOV.2022 20:54:41

Highest Band Edge / 1RB0 and 1RB9



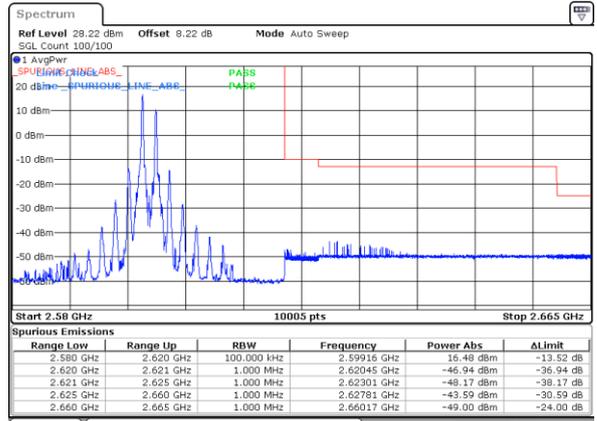
Date: 4.NOV.2022 21:15:14

Lowest Band Edge / 1RB99 and 1RB0



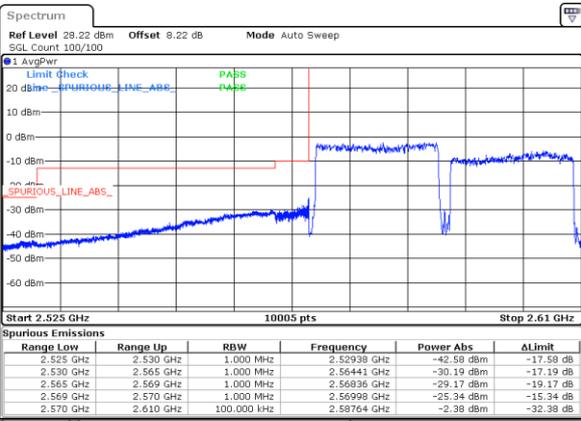
Date: 4.NOV.2022 20:55:59

Highest Band Edge / 1RB99 and 1RB0



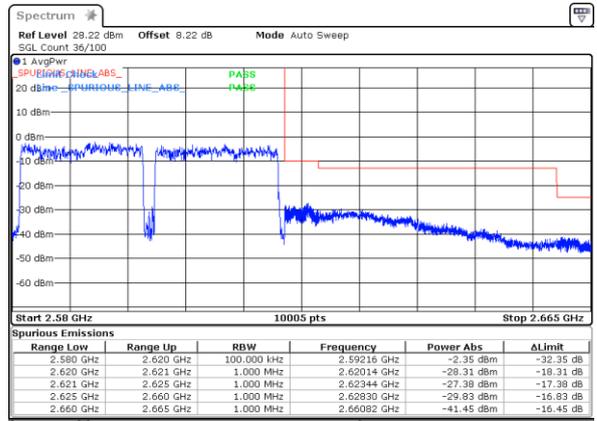
Date: 4.NOV.2022 21:06:04

Lowest Band Edge / Full RB



Date: 4.NOV.2022 20:45:29

Highest Band Edge / Full RB



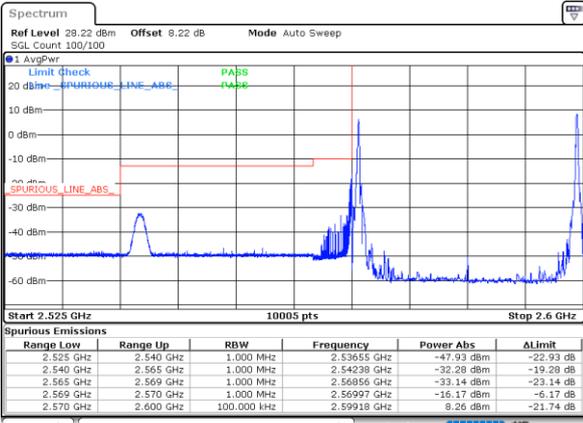
Date: 4.NOV.2022 21:16:33



LTE Band 38C / 15MHz+15MHz

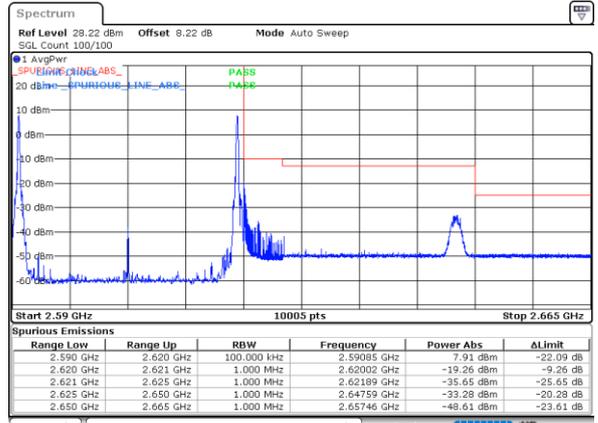
16QAM

Lowest Band Edge / 1RB0 and 1RB74



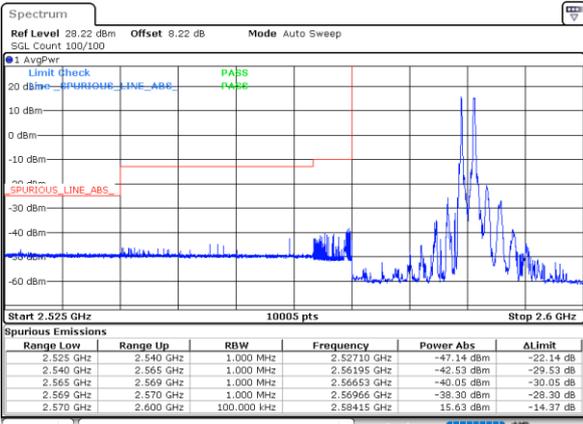
Date: 4.NOV.2022 04:46:22

Highest Band Edge / 1RB0 and 1RB74



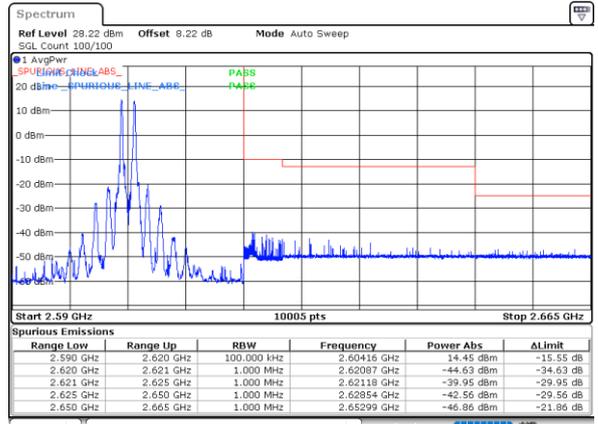
Date: 4.NOV.2022 05:13:31

Lowest Band Edge / 1RB74 and 1RB0



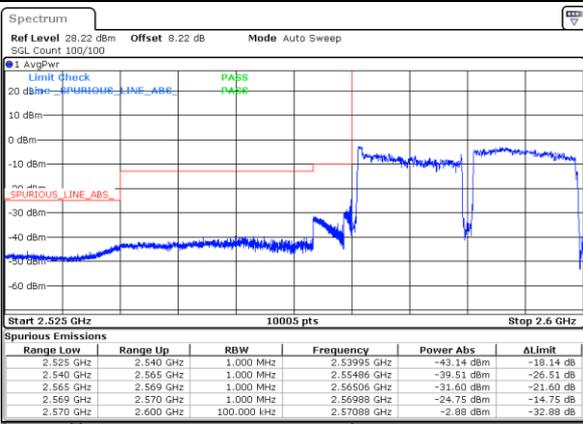
Date: 4.NOV.2022 04:52:58

Highest Band Edge / 1RB74 and 1RB0



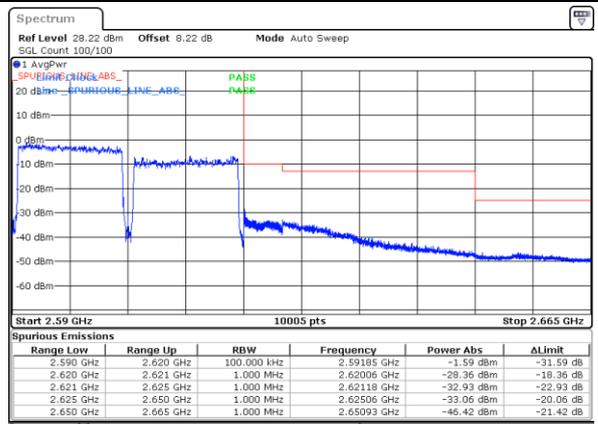
Date: 4.NOV.2022 05:06:57

Lowest Band Edge / Full RB



Date: 4.NOV.2022 04:56:55

Highest Band Edge / Full RB



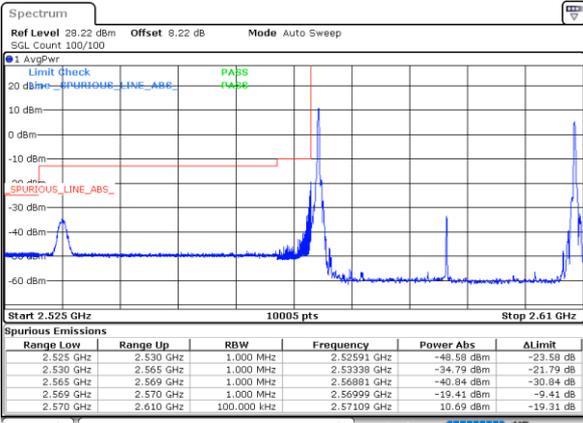
Date: 4.NOV.2022 20:40:27



LTE Band 38C / 20MHz+20MHz

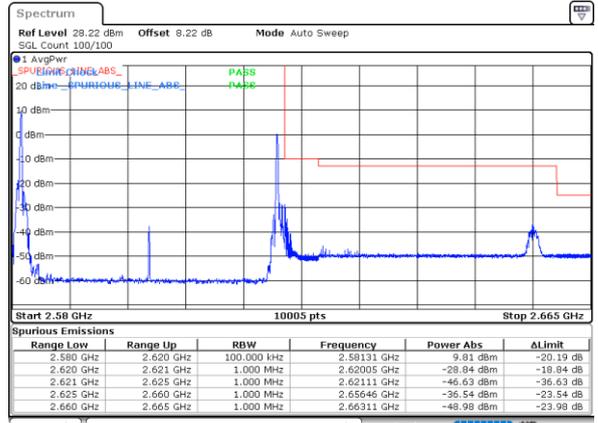
16QAM

Lowest Band Edge / 1RB0 and 1RB9



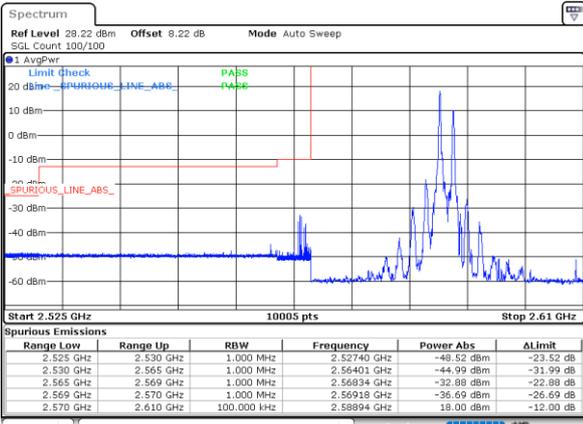
Date: 4.NOV.2022 20:53:22

Highest Band Edge / 1RB0 and 1RB9



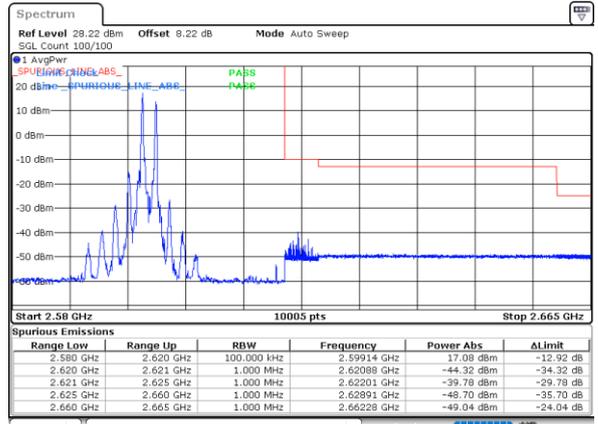
Date: 4.NOV.2022 21:13:56

Lowest Band Edge / 1RB99 and 1RB0



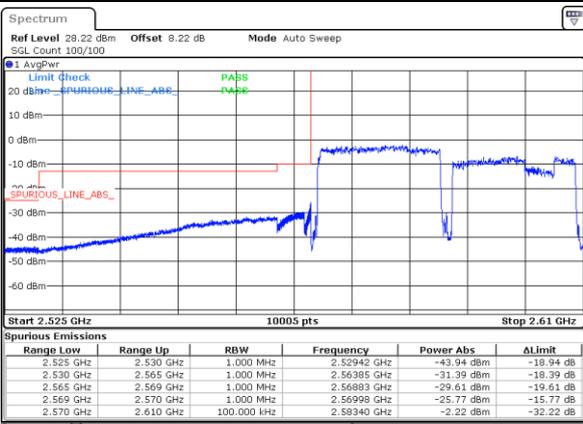
Date: 4.NOV.2022 20:57:18

Highest Band Edge / 1RB99 and 1RB0



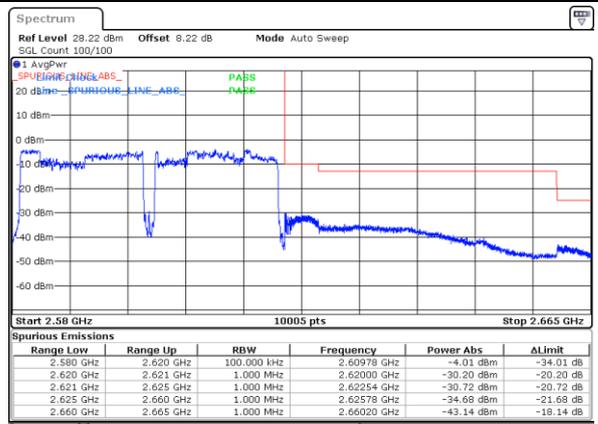
Date: 4.NOV.2022 21:07:23

Lowest Band Edge / Full RB



Date: 4.NOV.2022 20:46:48

Highest Band Edge / Full RB



Date: 4.NOV.2022 21:17:52