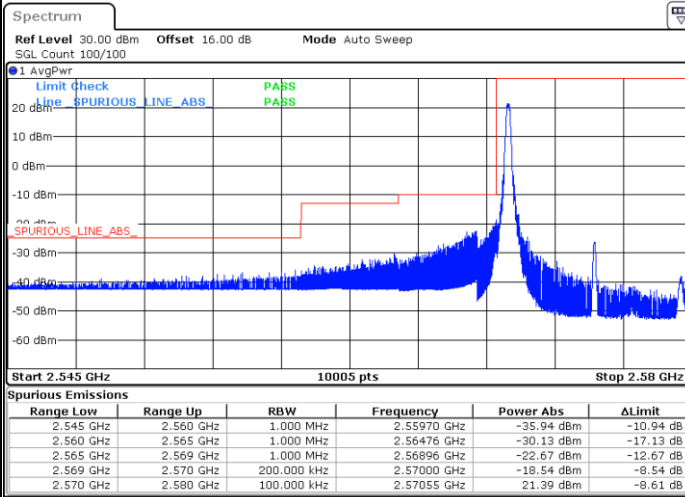




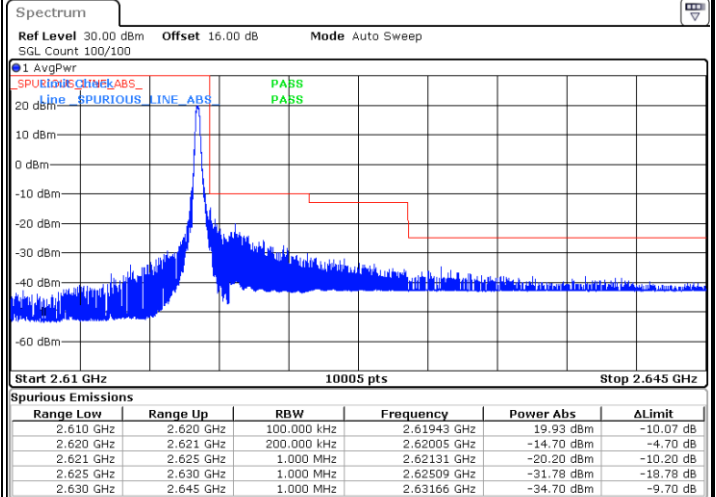
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



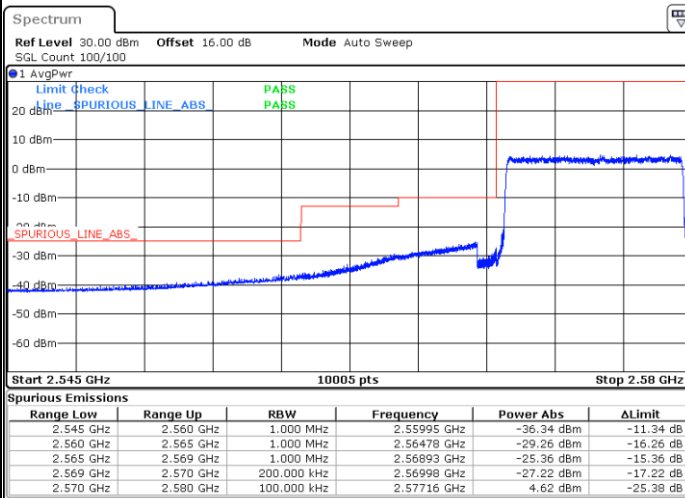
Date: 16.SEP.2022 23:14:05

Highest Band Edge / 1 RB



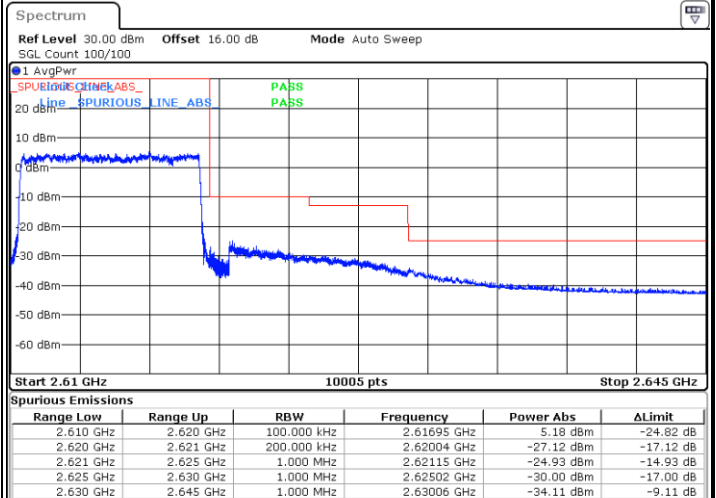
Date: 16.SEP.2022 23:19:57

Lowest Band Edge / Full RB



Date: 16.SEP.2022 23:16:03

Highest Band Edge / Full RB

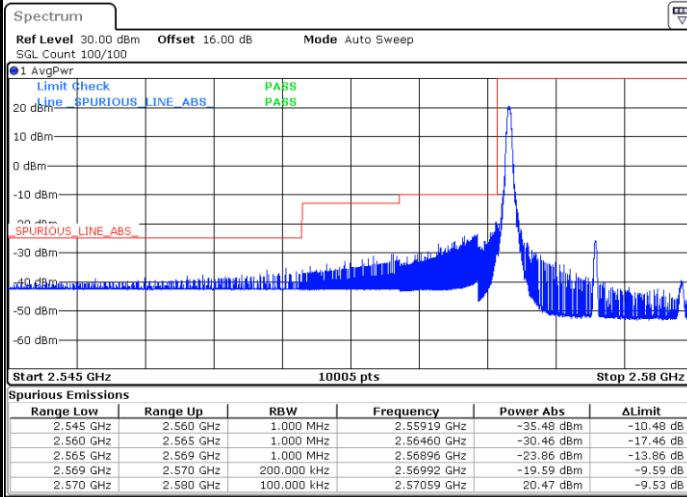


Date: 16.SEP.2022 23:17:59



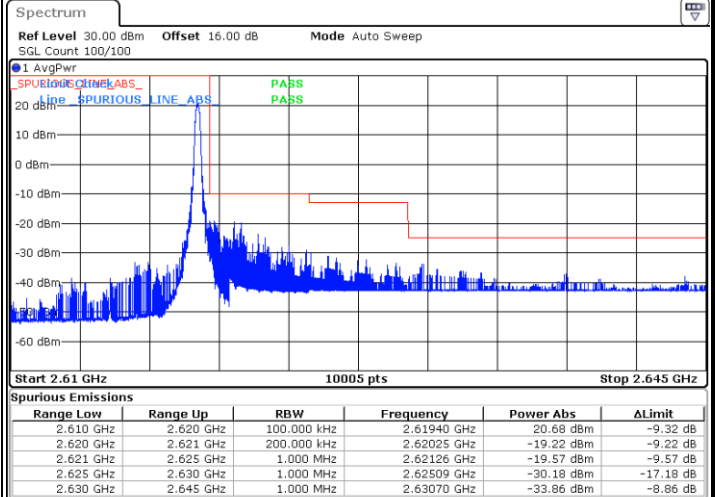
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



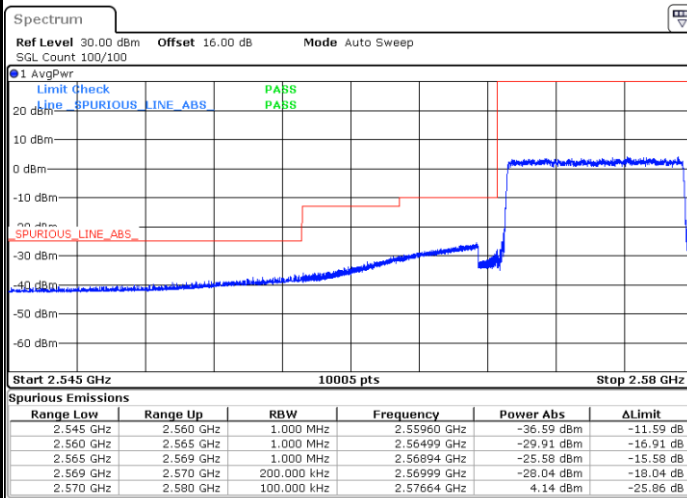
Date: 16.SEP.2022 23:09:12

Highest Band Edge / 1 RB



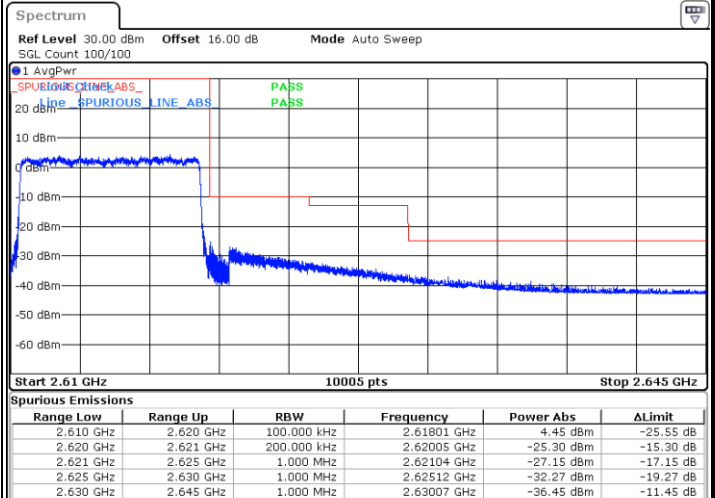
Date: 16.SEP.2022 23:12:08

Lowest Band Edge / Full RB



Date: 16.SEP.2022 23:10:11

Highest Band Edge / Full RB

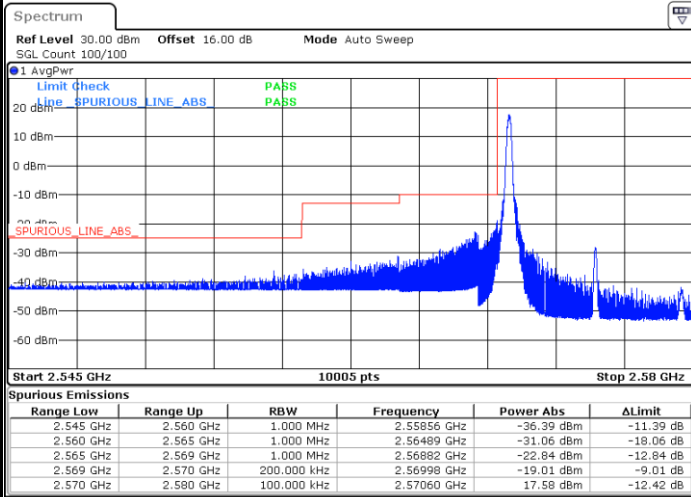


Date: 16.SEP.2022 23:11:09



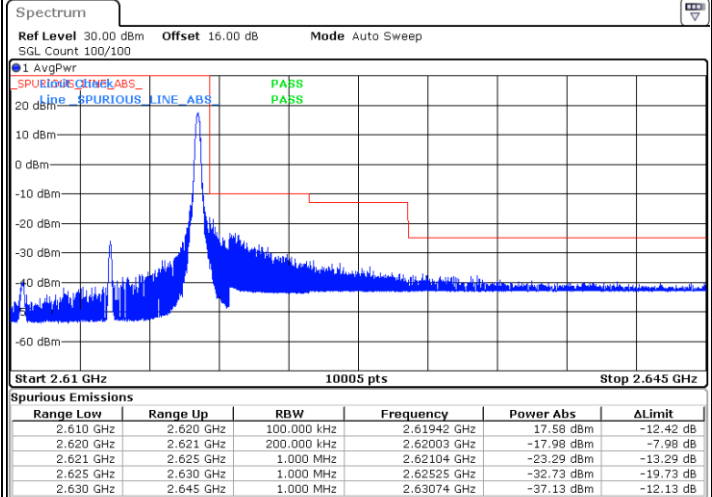
LTE Band 38 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



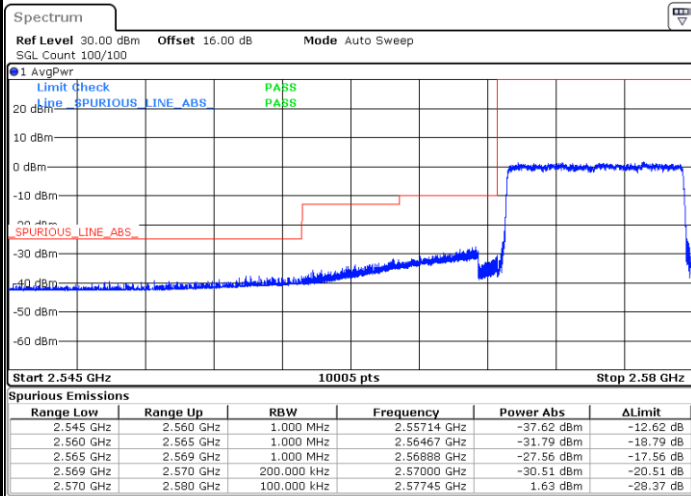
Date: 17.SEP.2022 00:02:52

Highest Band Edge / 1 RB



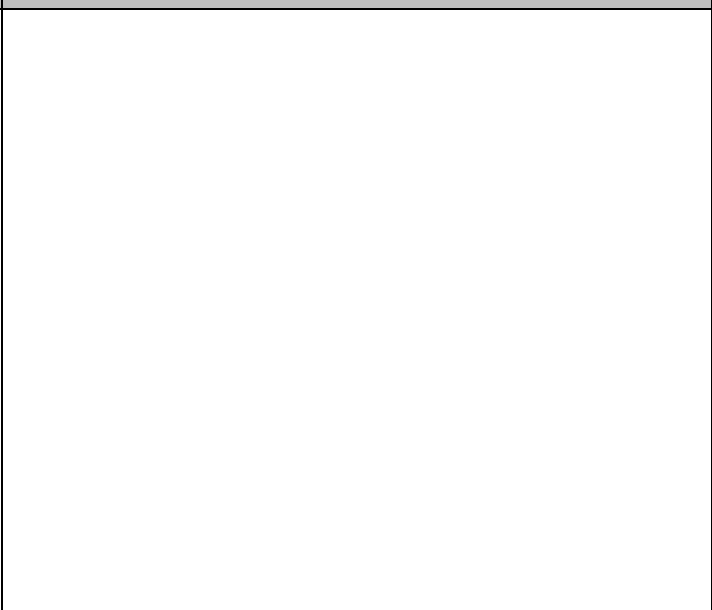
Date: 17.SEP.2022 00:05:56

Lowest Band Edge / Full RB



Date: 17.SEP.2022 00:03:53

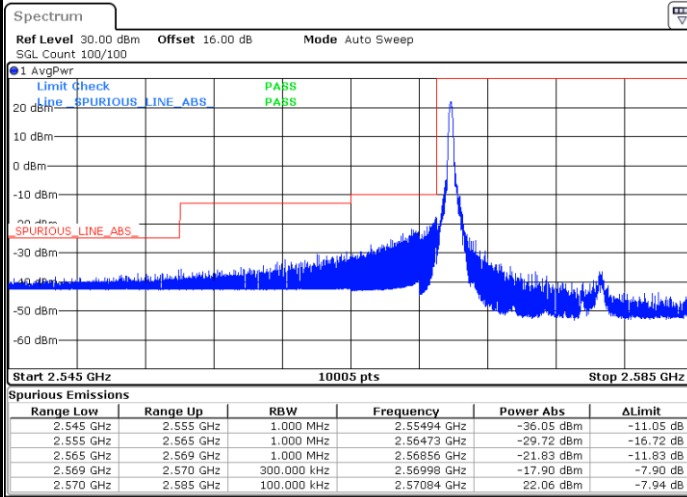
Highest Band Edge / Full RB





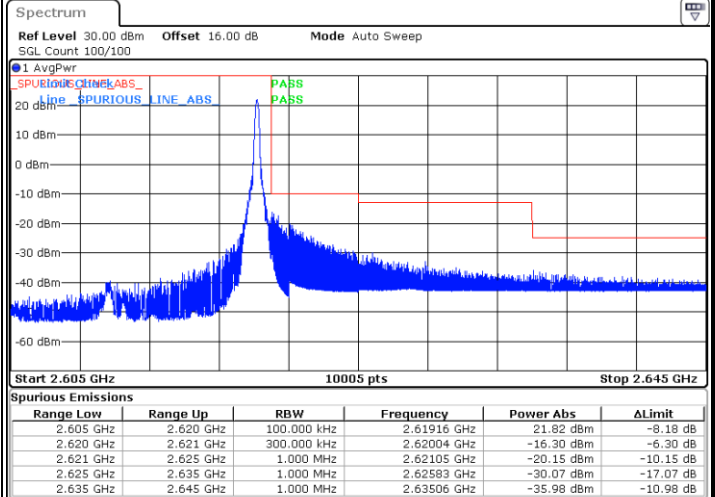
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



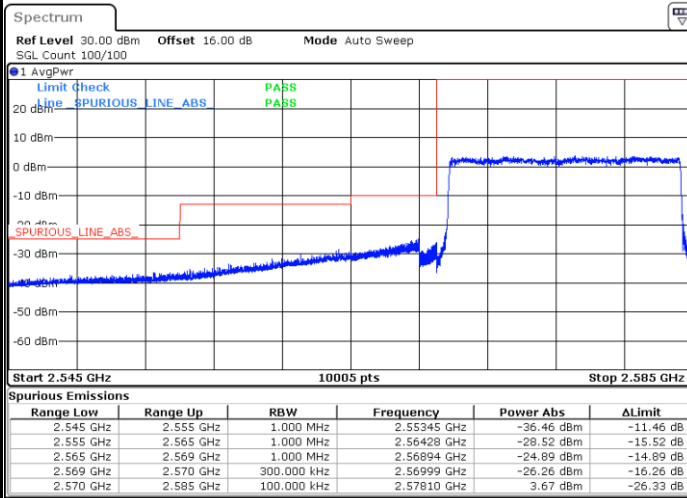
Date: 16.SEP.2022 23:21:00

Highest Band Edge / 1 RB



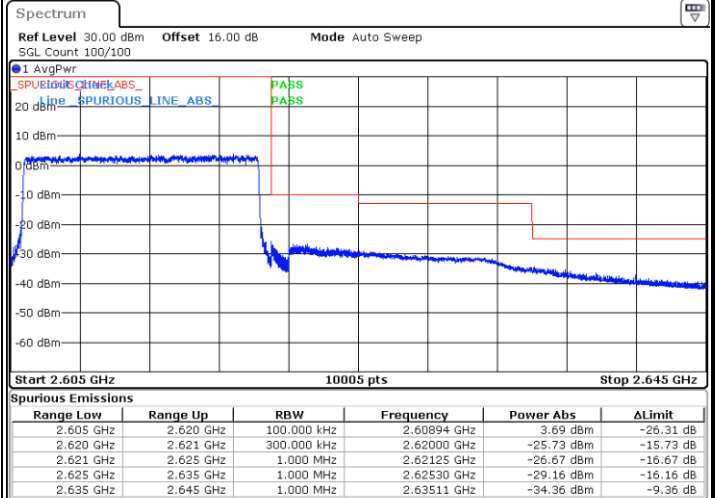
Date: 16.SEP.2022 23:26:52

Lowest Band Edge / Full RB



Date: 16.SEP.2022 23:22:57

Highest Band Edge / Full RB

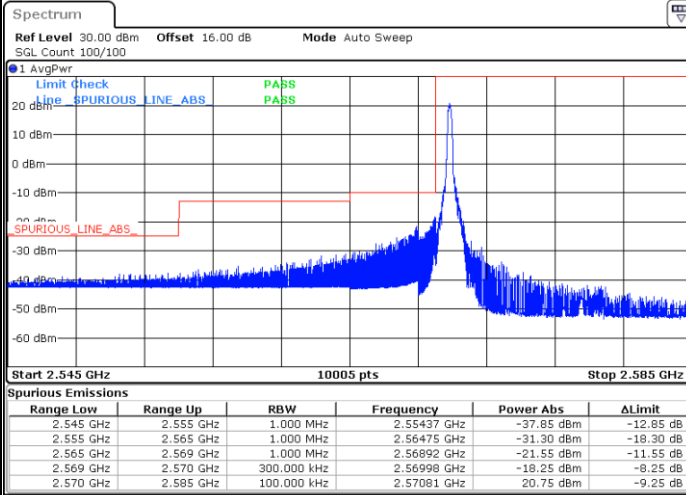


Date: 16.SEP.2022 23:24:54



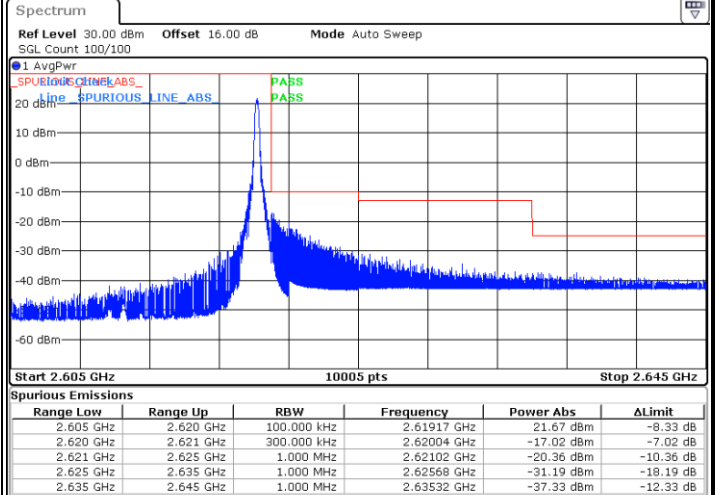
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



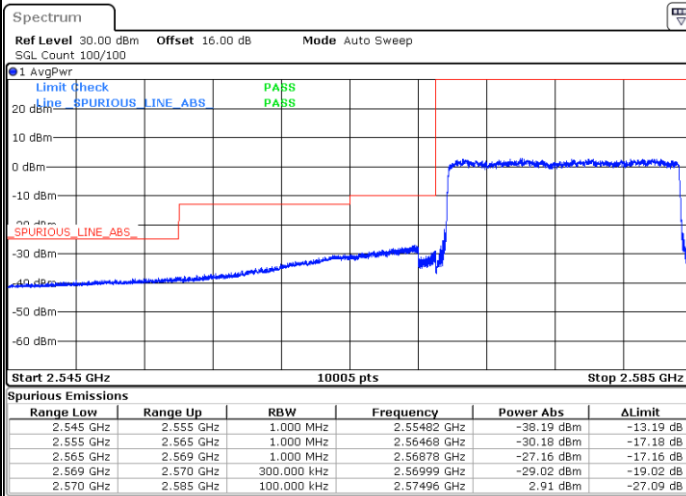
Date: 16.SEP.2022 23:21:59

Highest Band Edge / 1 RB



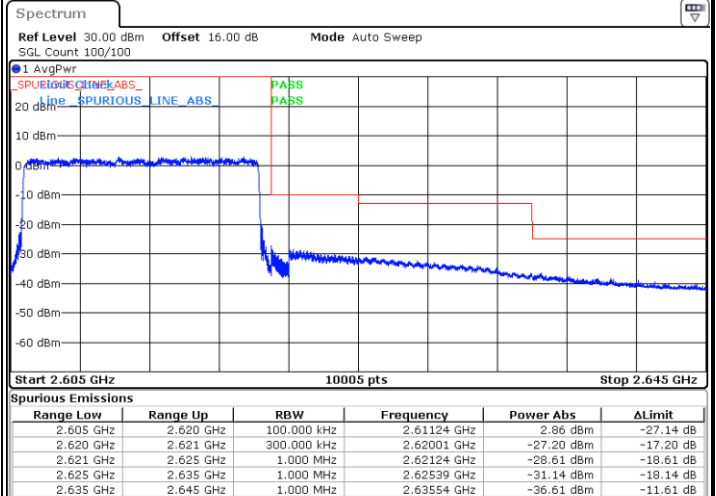
Date: 16.SEP.2022 23:27:50

Lowest Band Edge / Full RB



Date: 16.SEP.2022 23:23:56

Highest Band Edge / Full RB

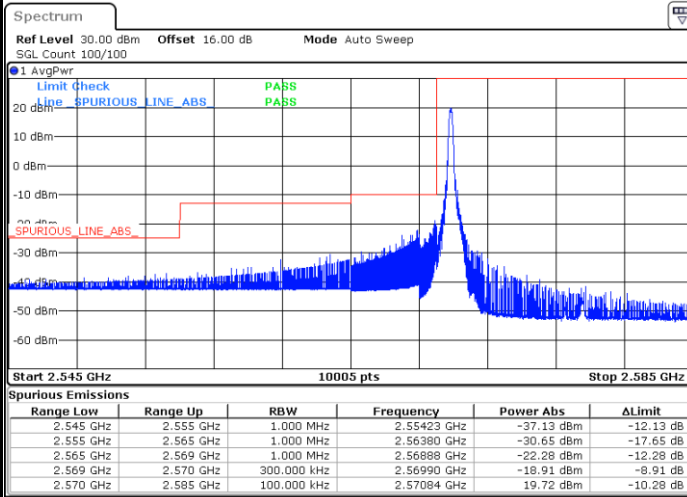


Date: 16.SEP.2022 23:25:53



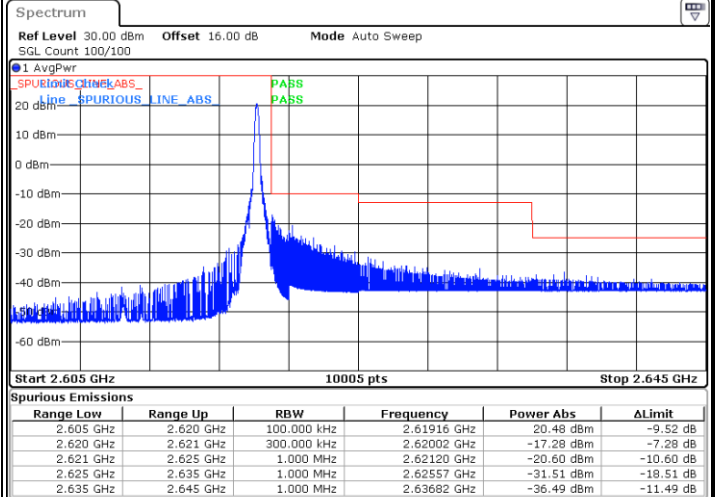
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



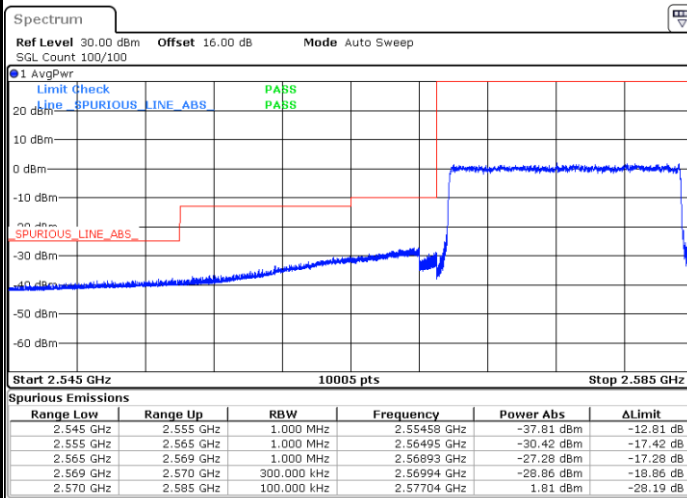
Date: 16.SEP.2022 23:28:49

Highest Band Edge / 1 RB



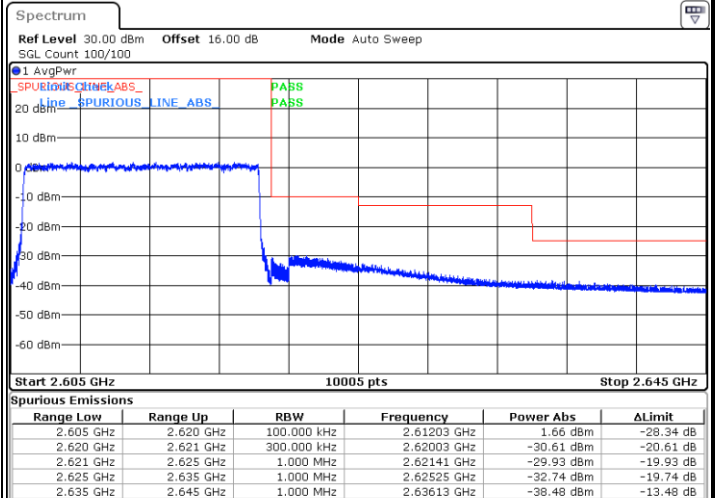
Date: 16.SEP.2022 23:31:44

Lowest Band Edge / Full RB



Date: 16.SEP.2022 23:29:47

Highest Band Edge / Full RB

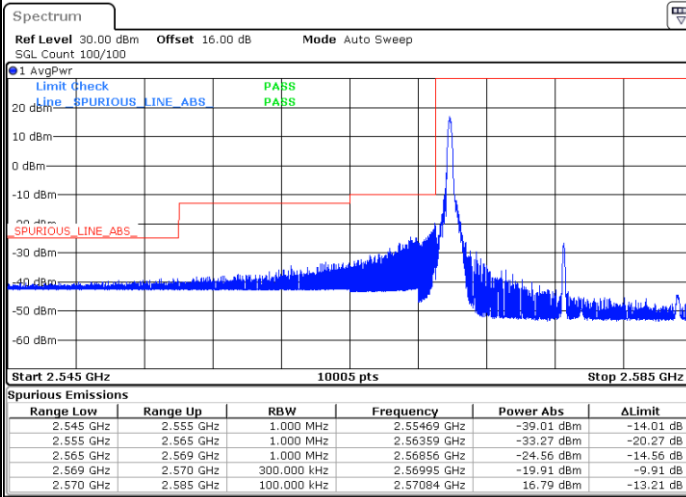


Date: 16.SEP.2022 23:30:46



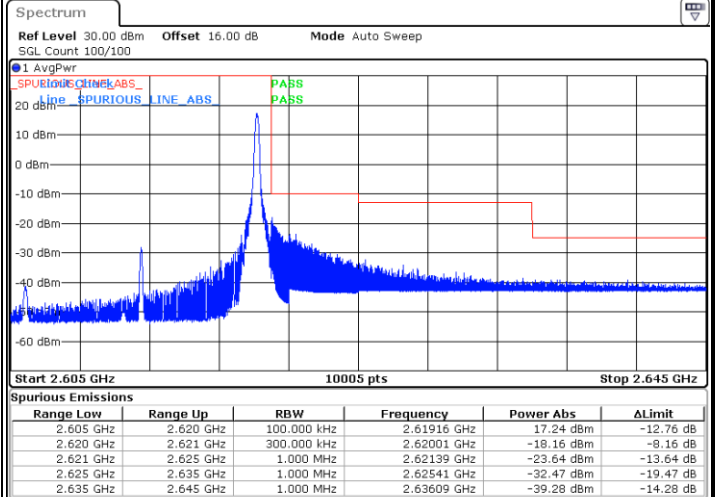
LTE Band 38 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



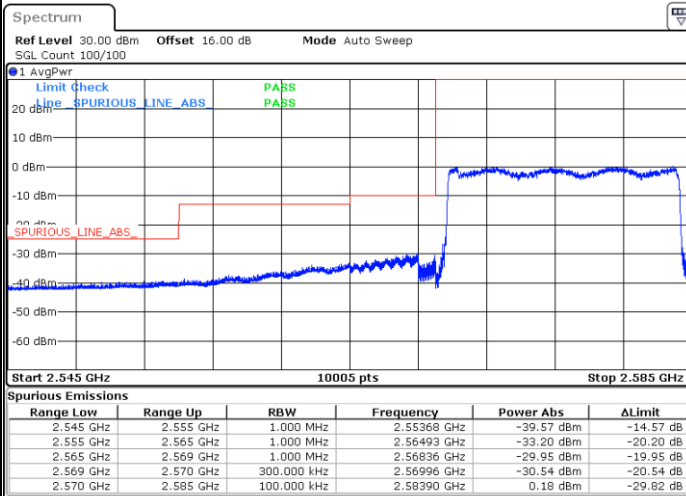
Date: 17.SEP.2022 00:06:59

Highest Band Edge / 1 RB



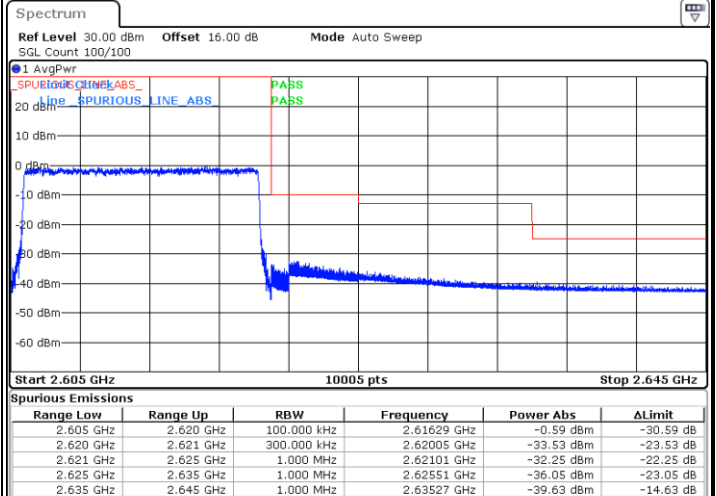
Date: 17.SEP.2022 00:10:04

Lowest Band Edge / Full RB



Date: 17.SEP.2022 00:08:01

Highest Band Edge / Full RB

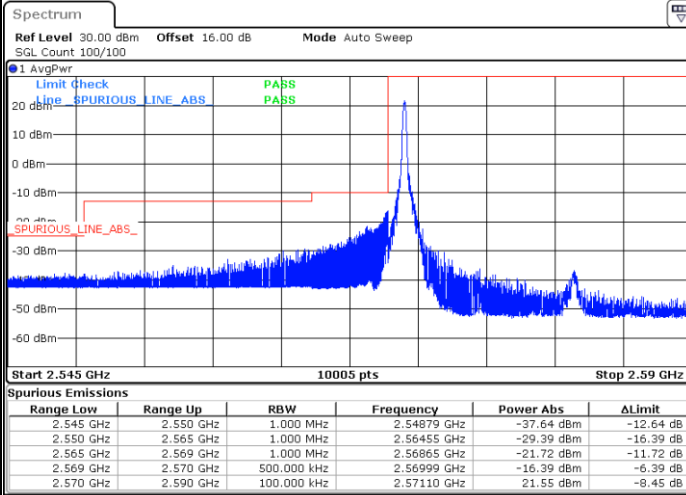


Date: 17.SEP.2022 00:09:02



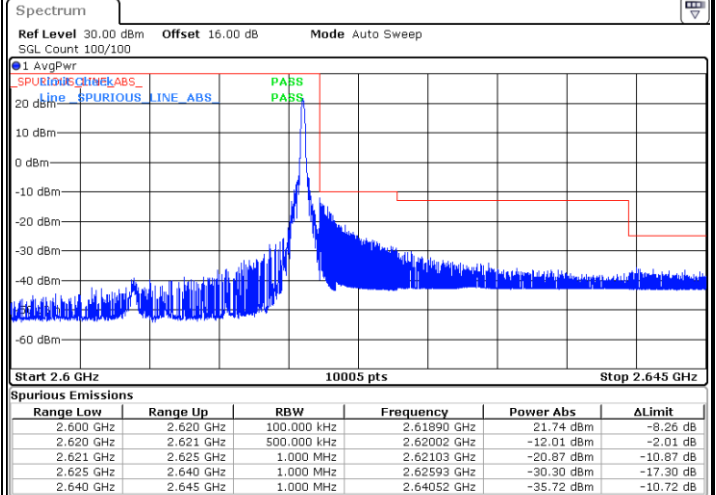
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



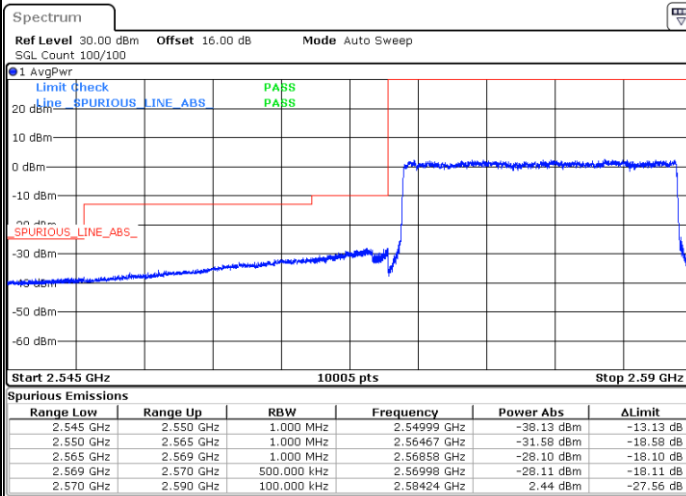
Date: 16.SEP.2022 23:32:48

Highest Band Edge / 1 RB



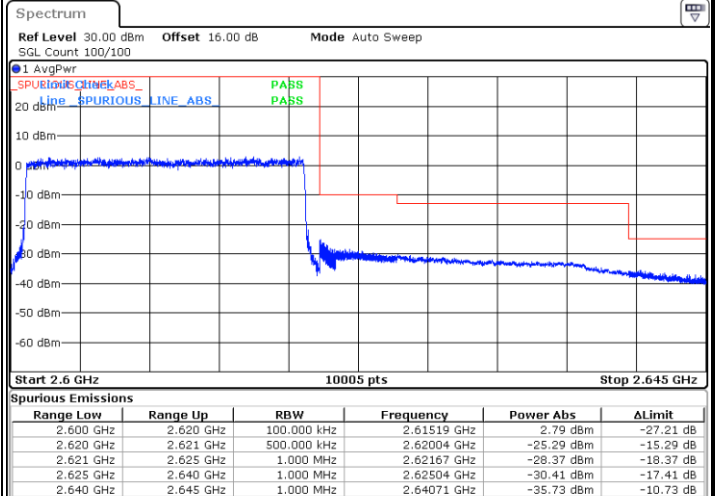
Date: 16.SEP.2022 23:38:39

Lowest Band Edge / Full RB



Date: 16.SEP.2022 23:34:45

Highest Band Edge / Full RB

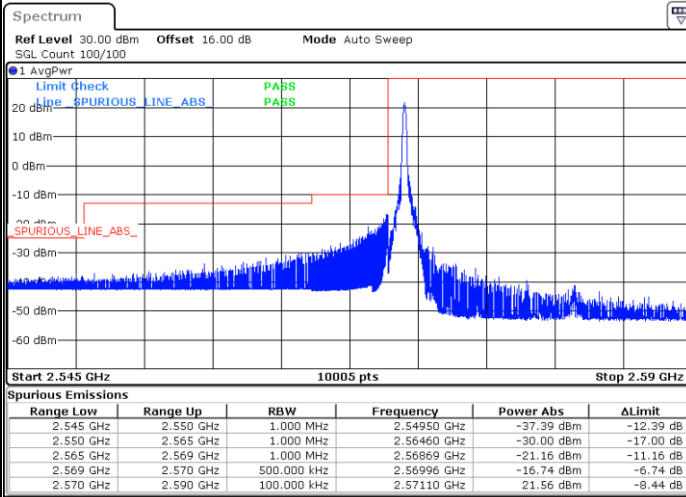


Date: 16.SEP.2022 23:36:42



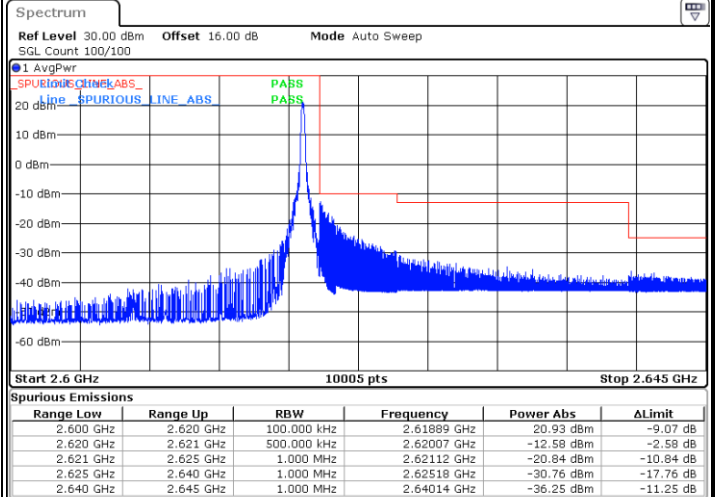
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



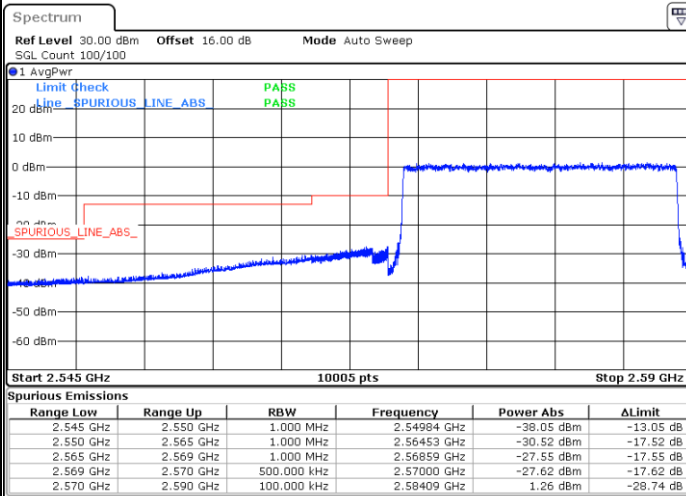
Date: 16.SEP.2022 23:33:46

Highest Band Edge / 1 RB



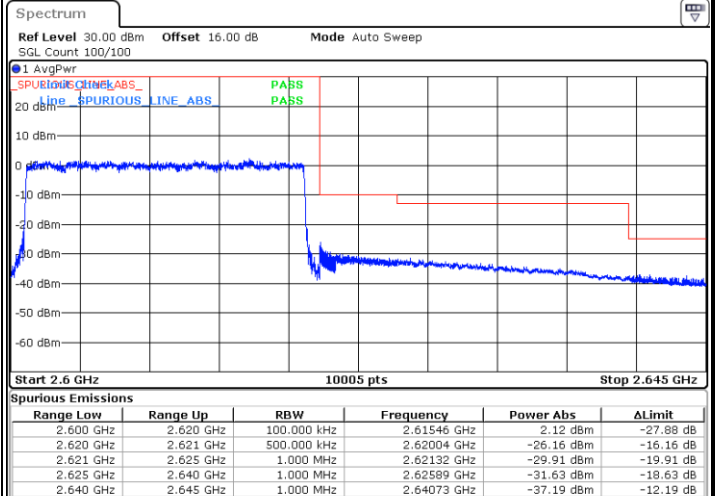
Date: 16.SEP.2022 23:39:37

Lowest Band Edge / Full RB



Date: 16.SEP.2022 23:35:44

Highest Band Edge / Full RB

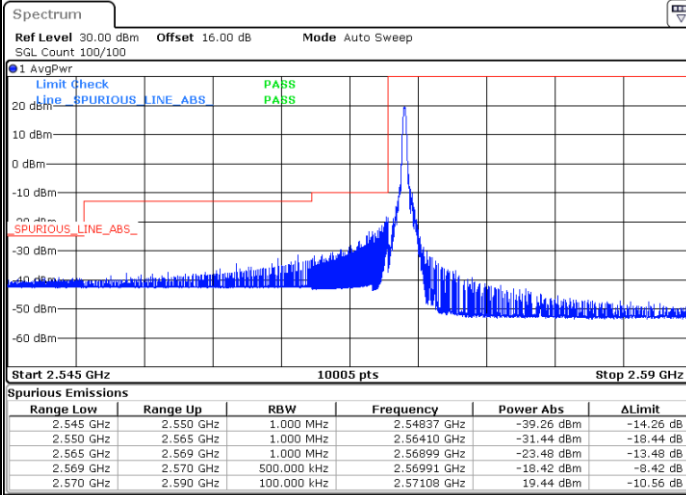


Date: 16.SEP.2022 23:37:40



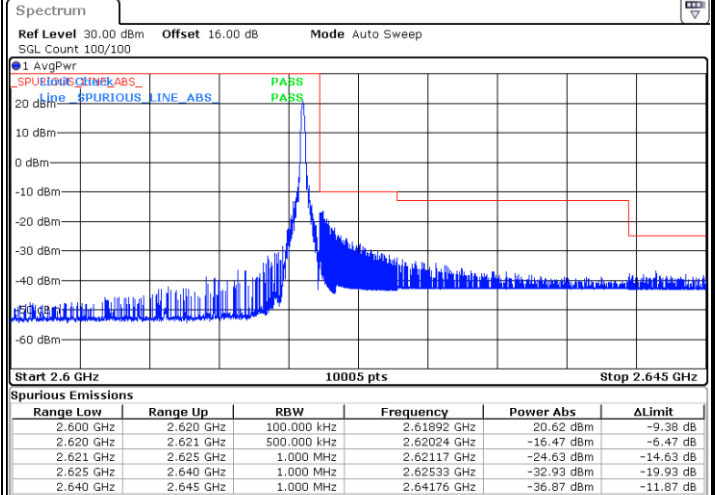
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



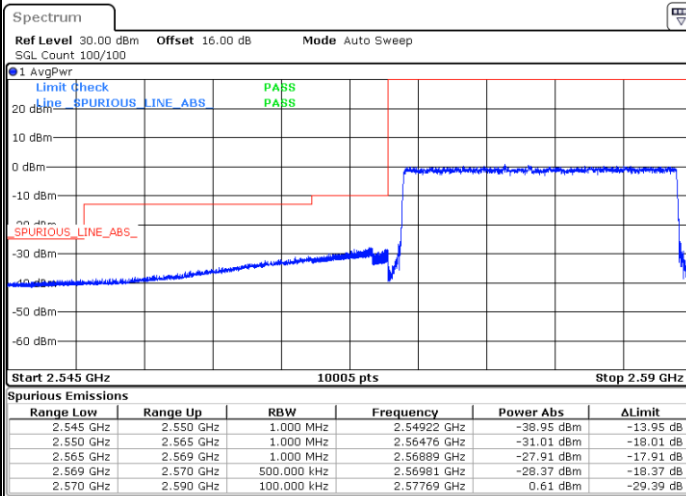
Date: 16.SEP.2022 23:40:36

Highest Band Edge / 1 RB



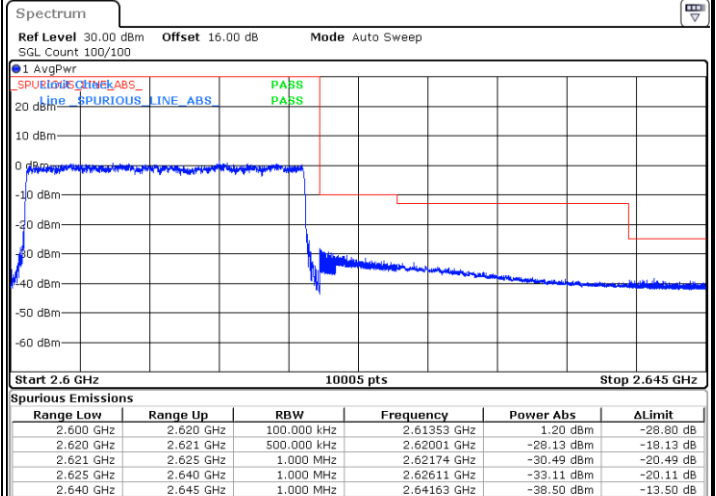
Date: 16.SEP.2022 23:43:31

Lowest Band Edge / Full RB



Date: 16.SEP.2022 23:41:34

Highest Band Edge / Full RB

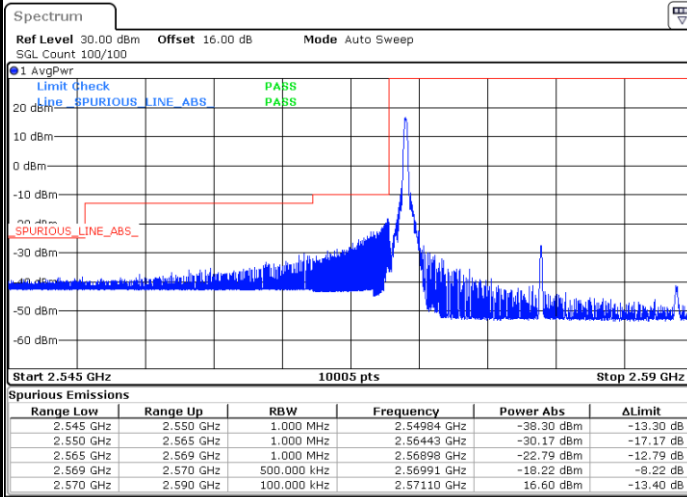


Date: 16.SEP.2022 23:42:33



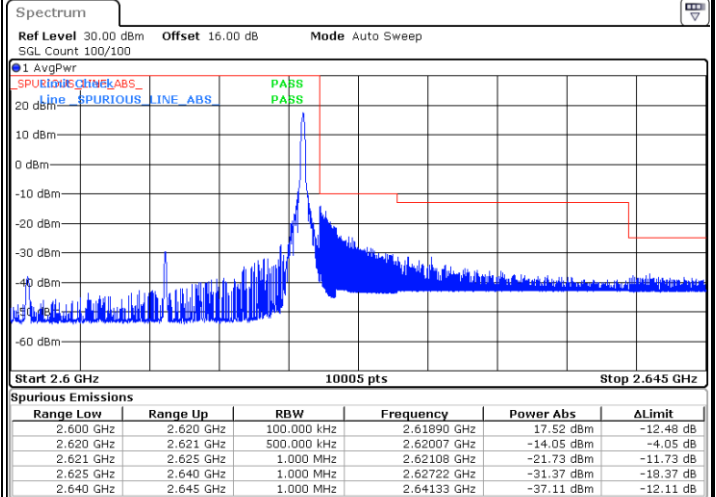
LTE Band 38 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



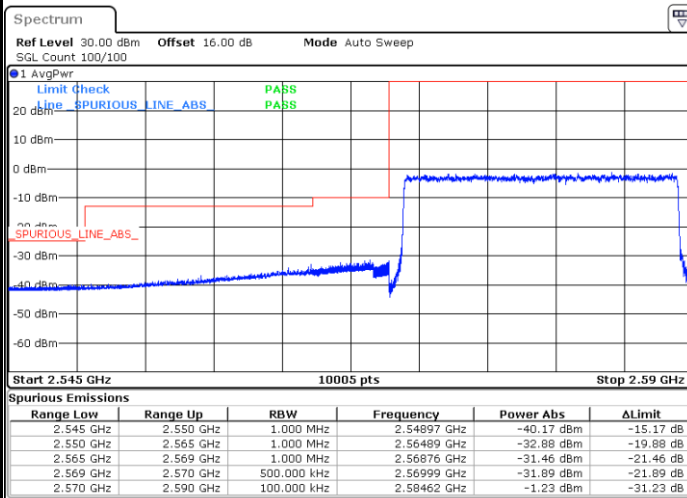
Date: 17.SEP.2022 00:11:07

Highest Band Edge / 1 RB



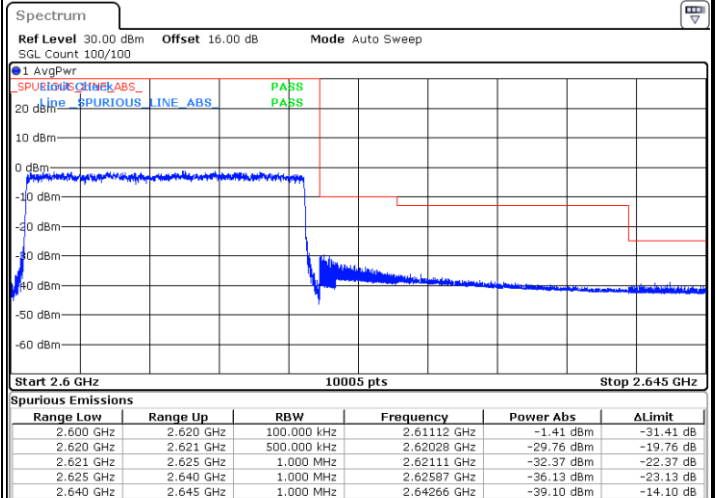
Date: 17.SEP.2022 00:14:12

Lowest Band Edge / Full RB



Date: 17.SEP.2022 00:12:09

Highest Band Edge / Full RB



Date: 17.SEP.2022 00:13:11

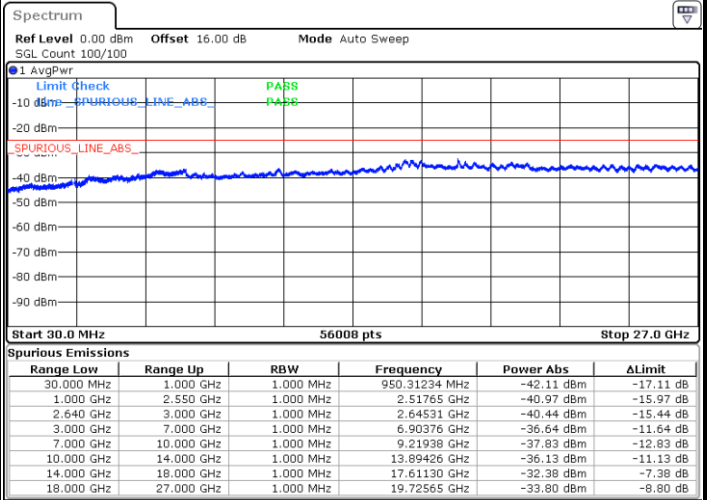
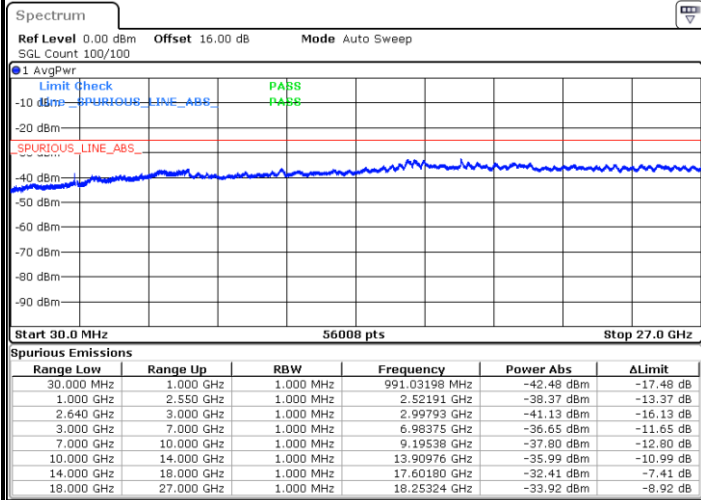


Conducted Spurious Emission

LTE Band 38 / 5MHz

Lowest Channel / QPSK

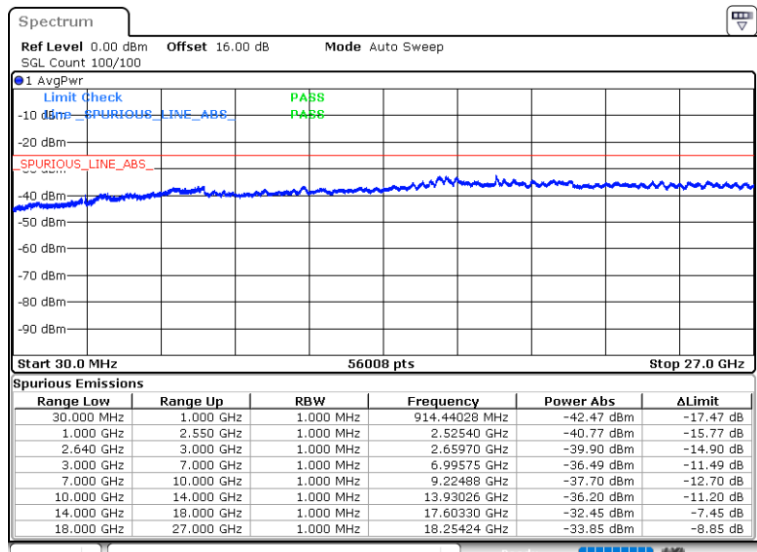
Middle Channel / QPSK



Date: 16.SEP.2022 23:44:45

Date: 16.SEP.2022 23:45:54

Highest Channel / QPSK



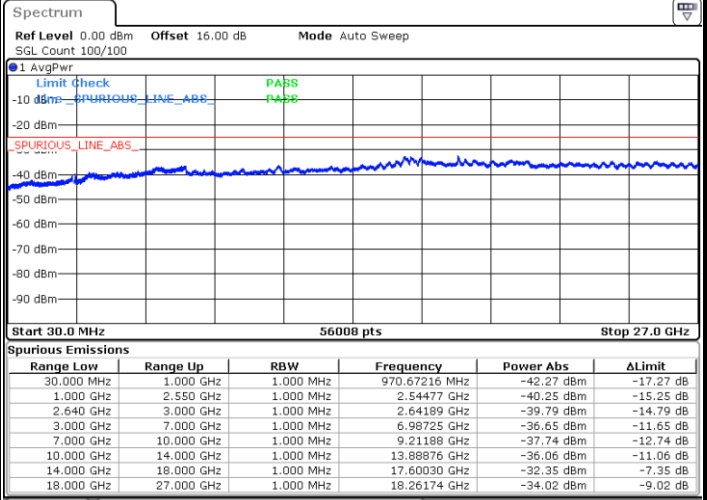
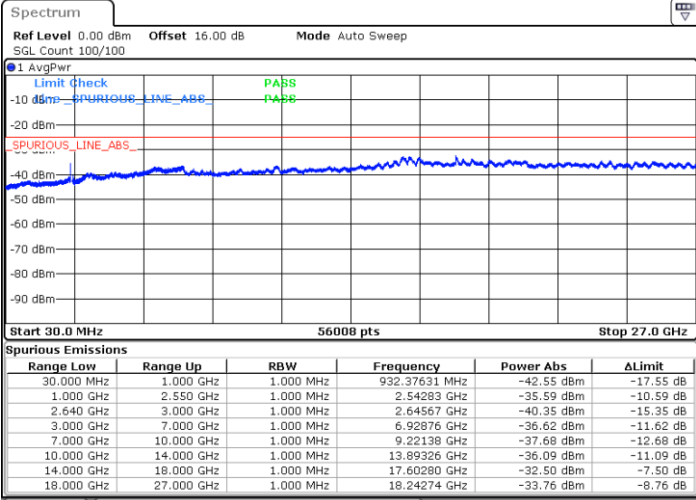
Date: 16.SEP.2022 23:47:03



LTE Band 38 / 10MHz

Lowest Channel / QPSK

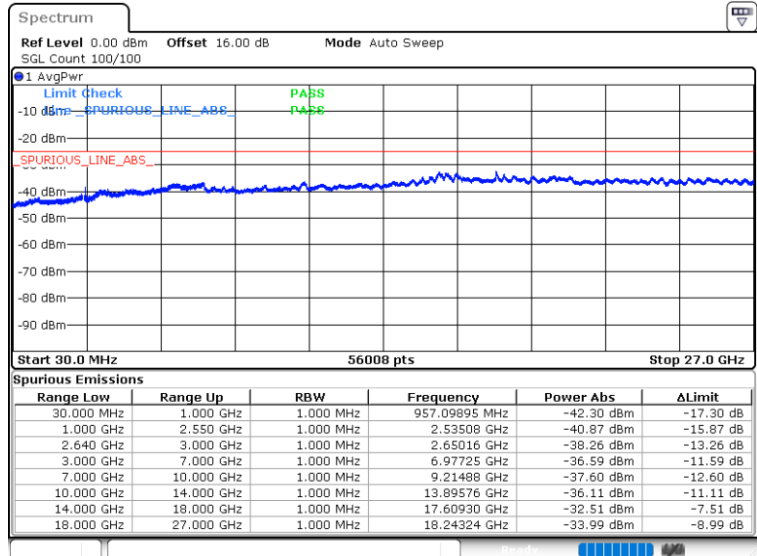
Middle Channel / QPSK



Date: 16.SEP.2022 23:48:18

Date: 16.SEP.2022 23:49:27

Highest Channel / QPSK

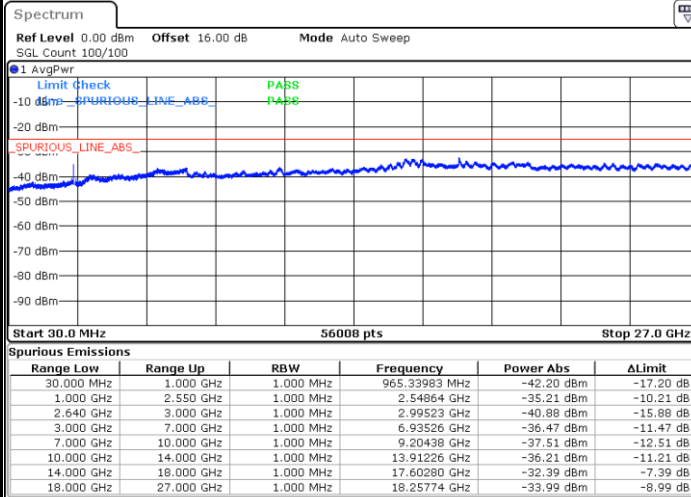


Date: 16.SEP.2022 23:50:35



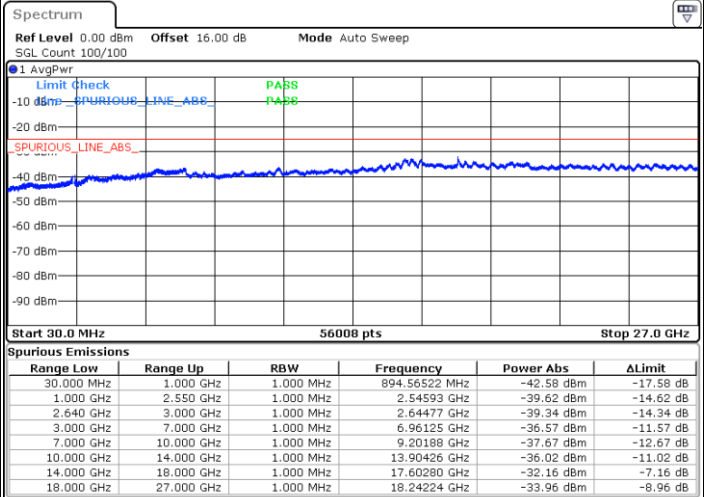
LTE Band 38 / 15MHz

Lowest Channel / QPSK



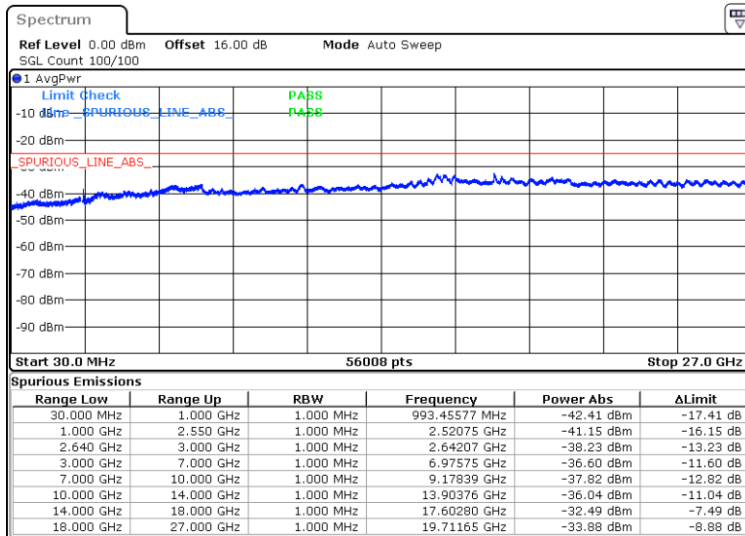
Date: 16.SEP.2022 23:51:50

Middle Channel / QPSK



Date: 16.SEP.2022 23:52:59

Highest Channel / QPSK



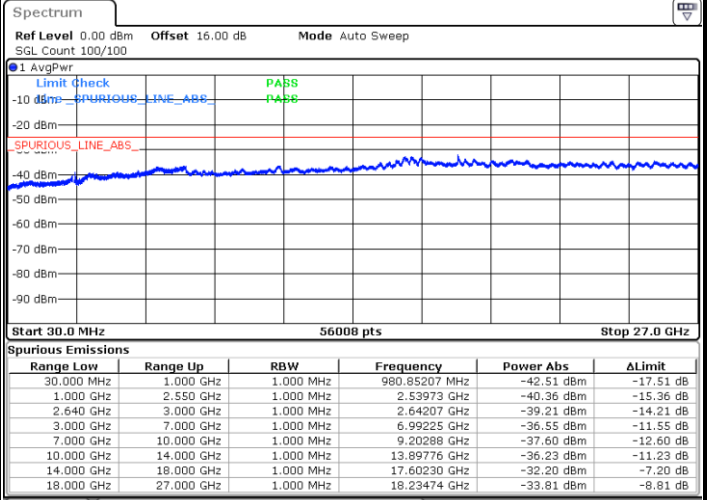
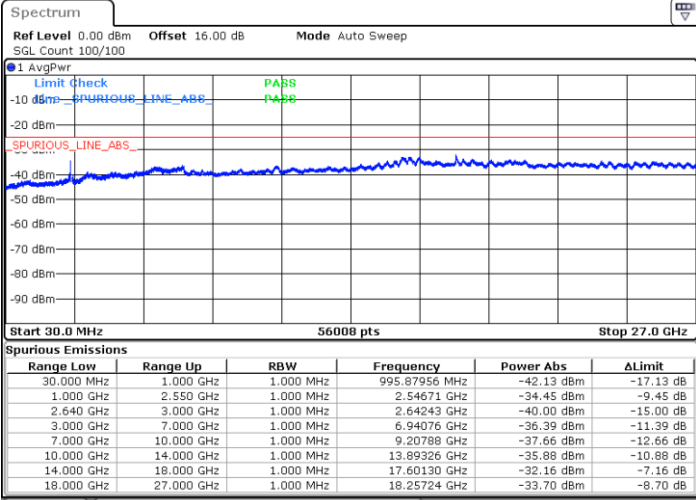
Date: 16.SEP.2022 23:54:07



LTE Band 38 / 20MHz

Lowest Channel / QPSK

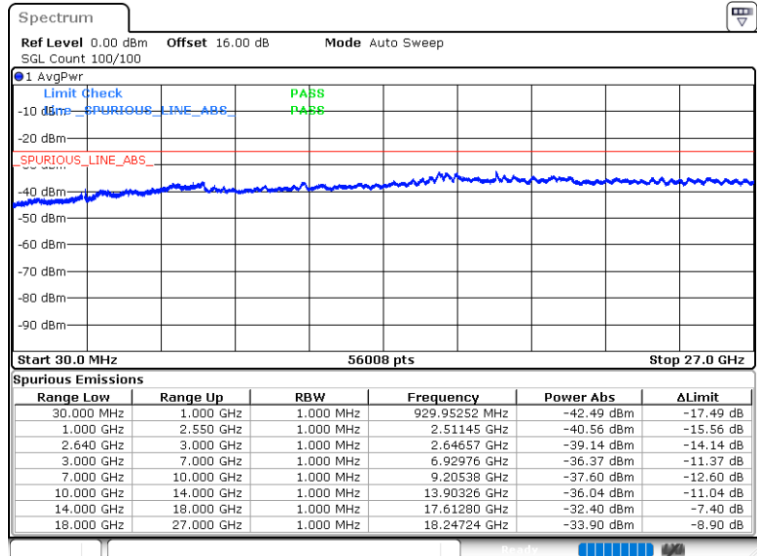
Middle Channel / QPSK



Date: 16.SEP.2022 23:55:22

Date: 16.SEP.2022 23:56:31

Highest Channel / QPSK



Date: 16.SEP.2022 23:57:40



Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0044	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

- 1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38C

26dB Bandwidth

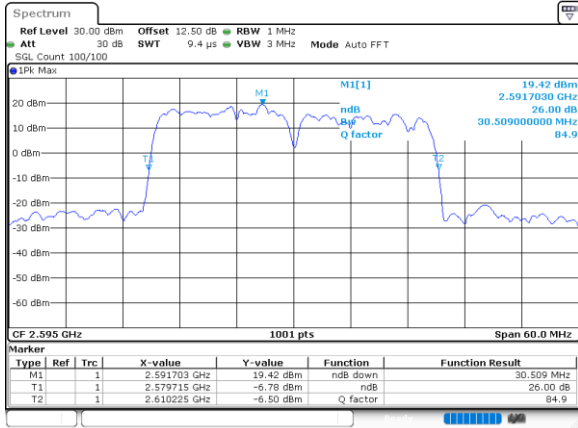
Mode	LTE Band 38C : 26dB BW(MHz)			
	QPSK	16QAM	64QAM	256QAM
BW	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz
Middle CH	30.51	20.45	30.69	30.33
BW	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz
Middle CH	39.8	39.81	39.8	39.88



LTE Band 38C

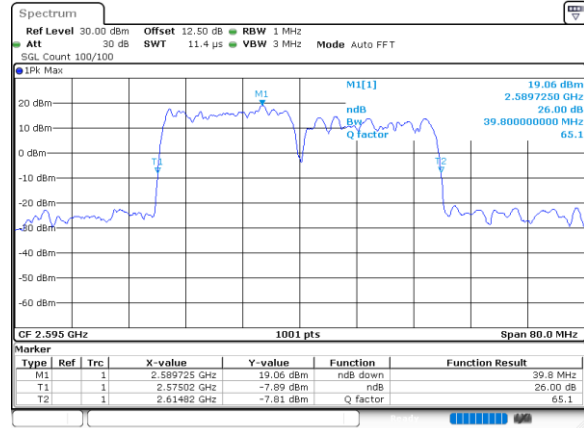
QPSK

Middle Channel / 15MHz+15MHz



Date: 13.OCT.2022 08:53:20

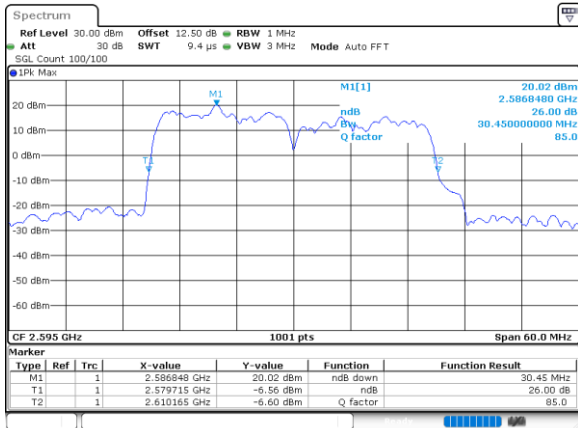
Middle Channel / 20MHz+20MHz



Date: 13.OCT.2022 08:55:42

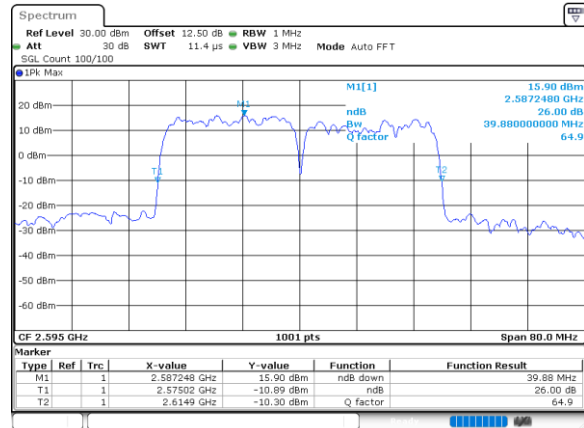
16QAM

Middle Channel / 15MHz+15MHz



Date: 13.OCT.2022 08:53:53

Middle Channel / 20MHz+20MHz



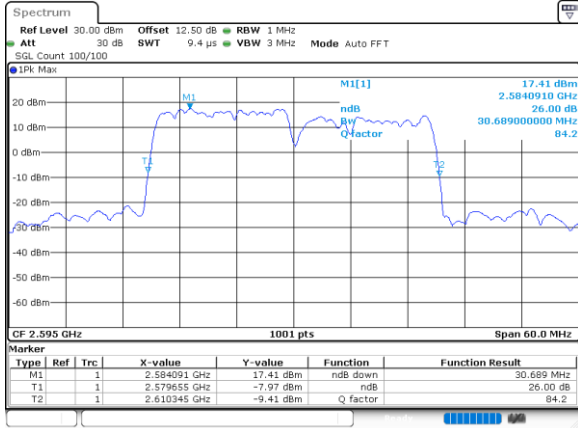
Date: 13.OCT.2022 08:56:14



LTE Band 38C

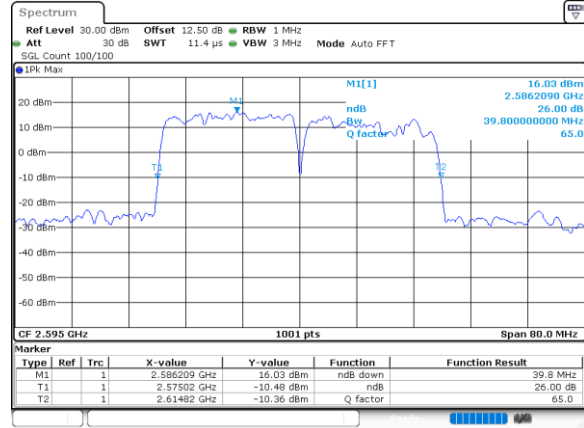
64QAM

Middle Channel / 15MHz+15MHz



Date: 13.OCT.2022 08:54:26

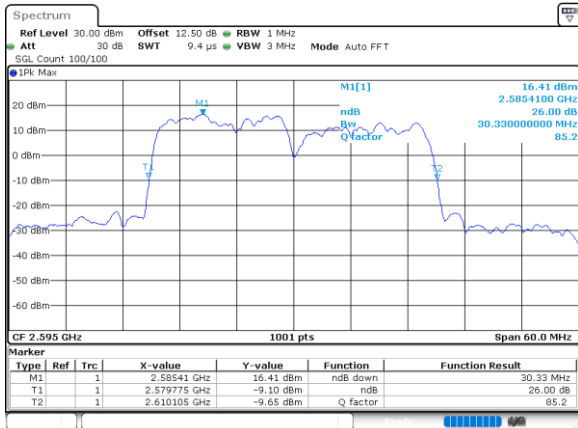
Middle Channel / 20MHz+20MHz



Date: 13.OCT.2022 08:56:51

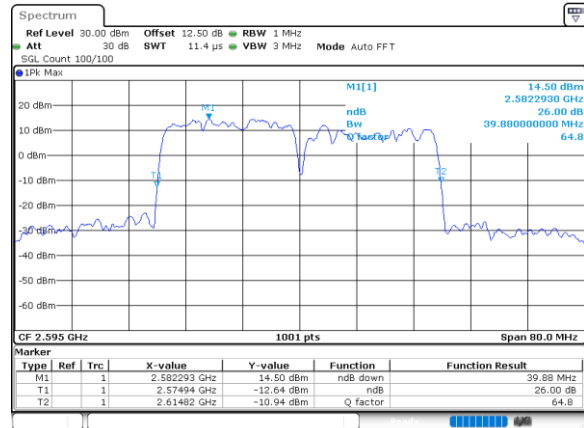
256QAM

Middle Channel / 15MHz+15MHz



Date: 13.OCT.2022 08:54:59

Middle Channel / 20MHz+20MHz



Date: 13.OCT.2022 08:57:24



Occupied Bandwidth

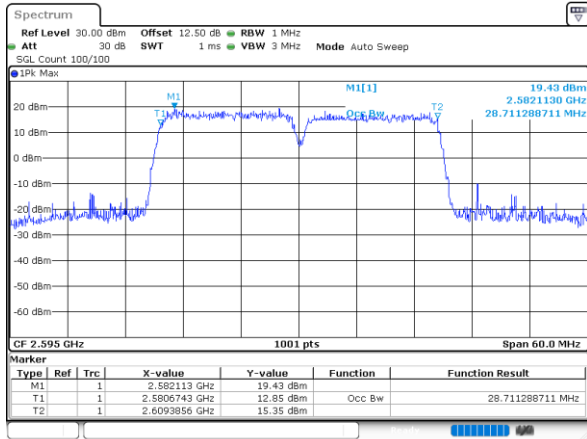
Mode	LTE Band 38C : 99%OBW(MHz)			
	QPSK	16QAM	64QAM	256QAM
BW	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz
Middle CH	28.71	28.65	28.59	28.65
BW	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz
Middle CH	37.64	37.56	37.72	37.72



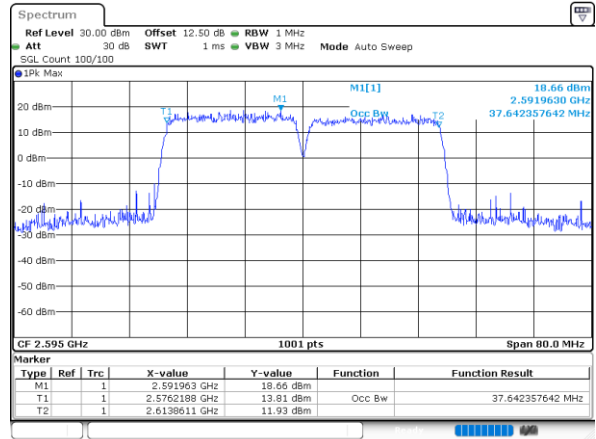
LTE Band 38C

QPSK

Middle Channel / 15MHz+15MHz

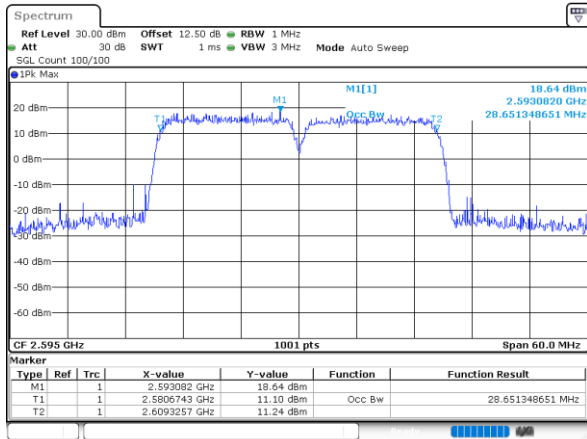


Middle Channel / 20MHz+20MHz

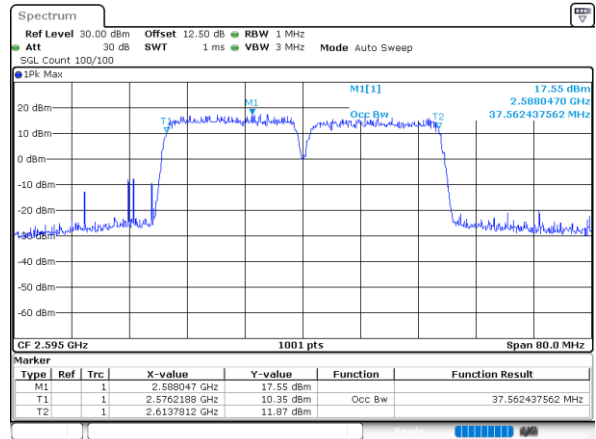


16QAM

Middle Channel / 15MHz+15MHz



Middle Channel / 20MHz+20MHz

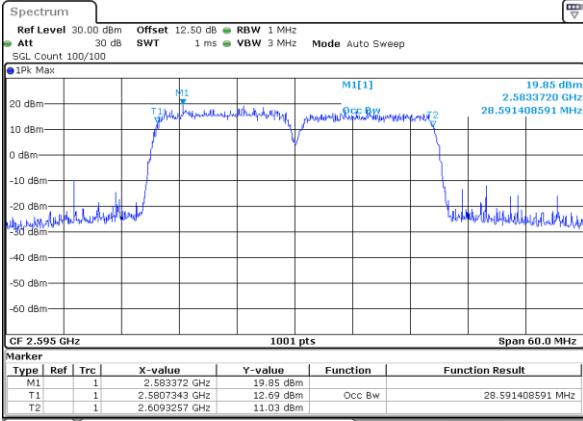




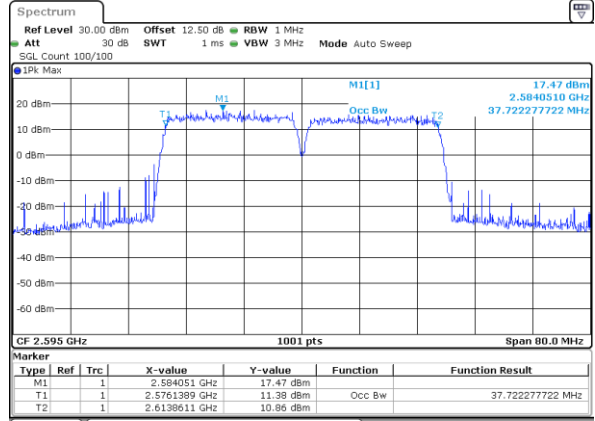
LTE Band 38C

64QAM

Middle Channel / 15MHz+15MHz

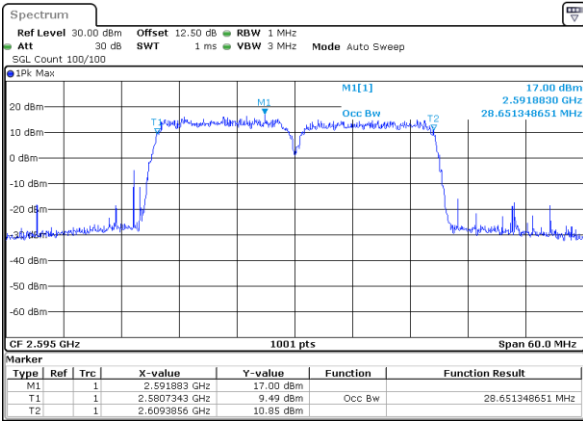


Middle Channel / 20MHz+20MHz

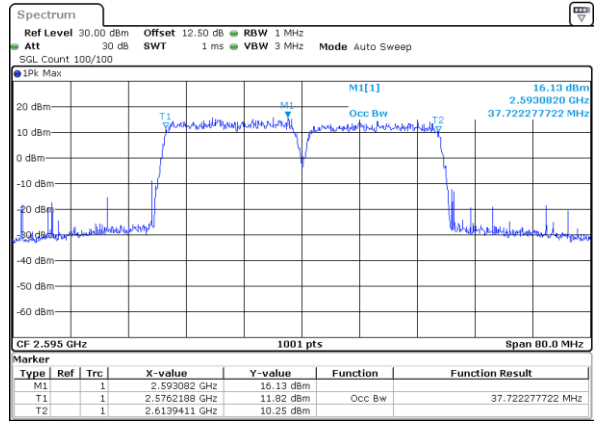


256QAM

Middle Channel / 15MHz+15MHz



Middle Channel / 20MHz+20MHz



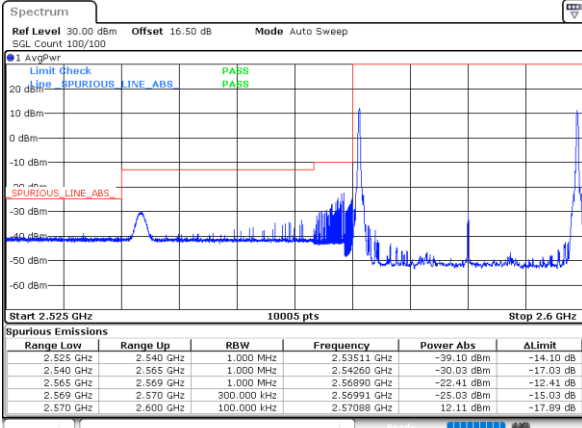


Conducted Band Edge

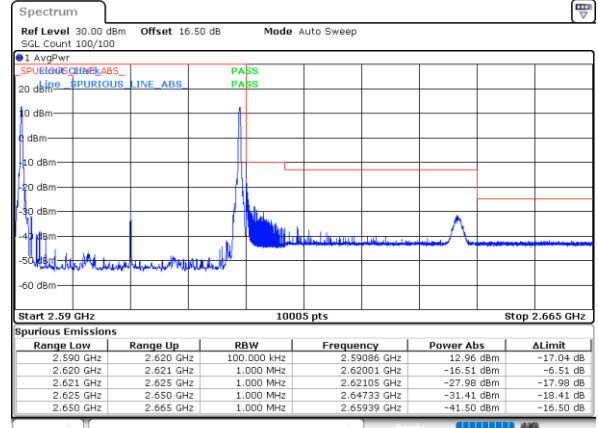
LTE Band 38C / 15MHz+15MHz

QPSK

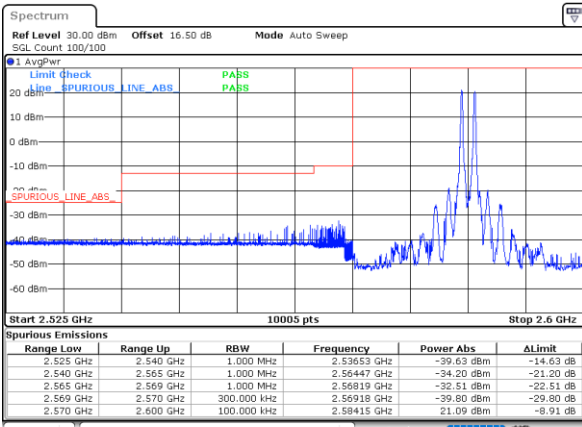
Lowest Band Edge / 1RB0 and 1RB74



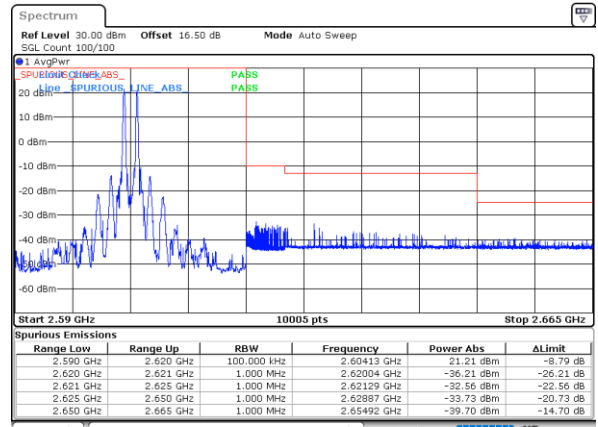
Highest Band Edge / 1RB0 and 1RB74



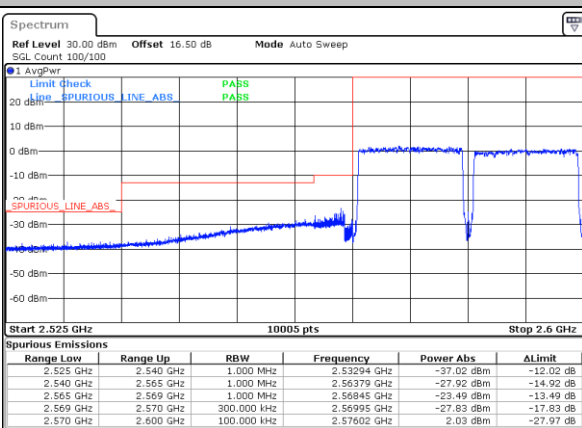
Lowest Band Edge / 1RB74 and 1RB0



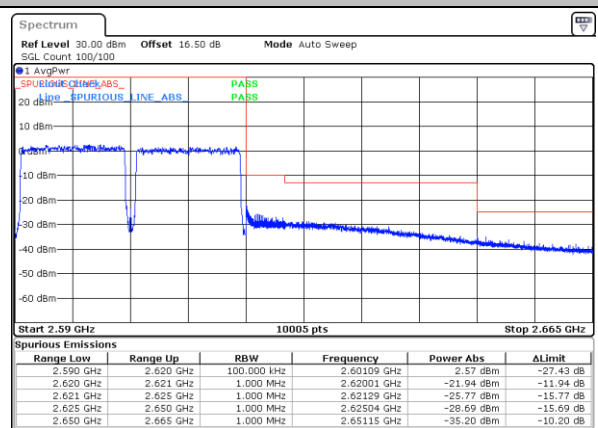
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



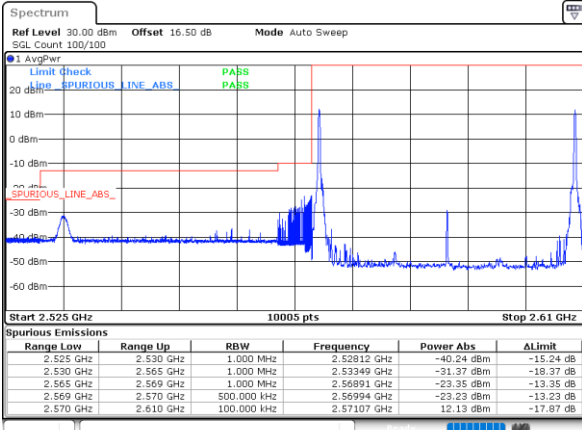


LTE Band 38C / 20MHz+20MHz

QPSK

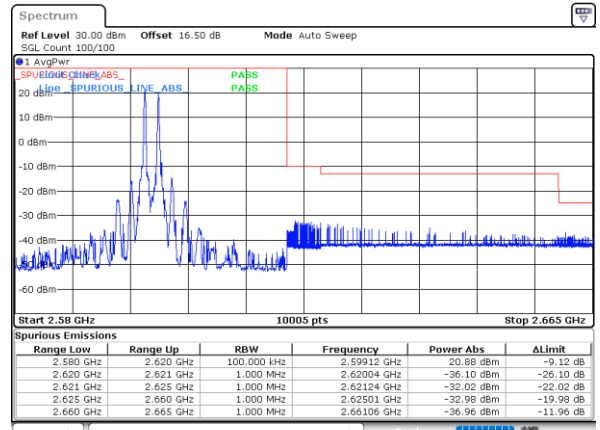
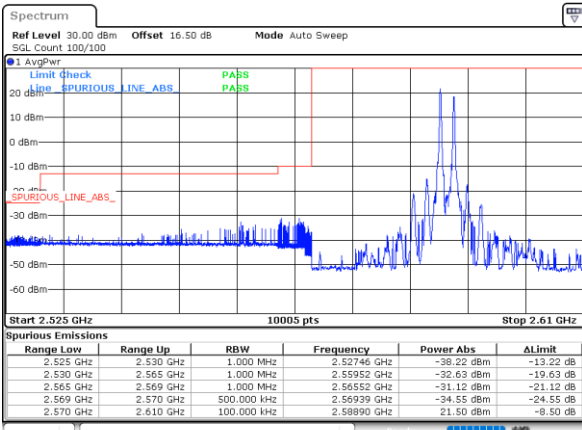
Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9



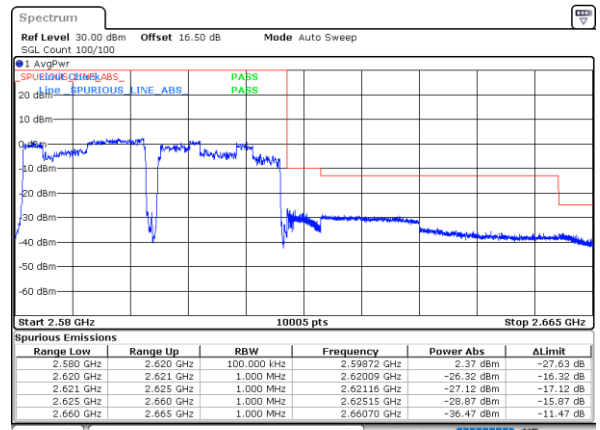
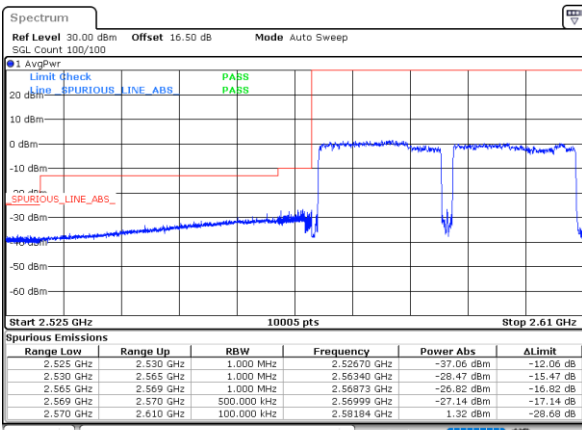
Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

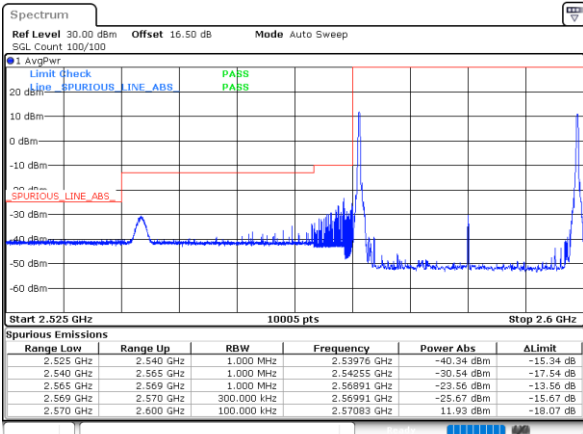




LTE Band 38C / 15MHz+15MHz

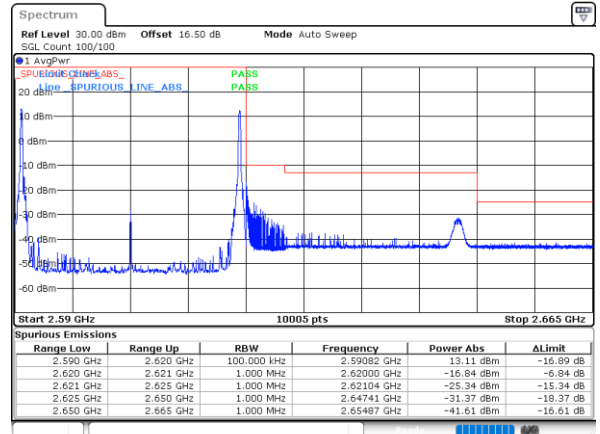
16QAM

Lowest Band Edge / 1RB0 and 1RB74



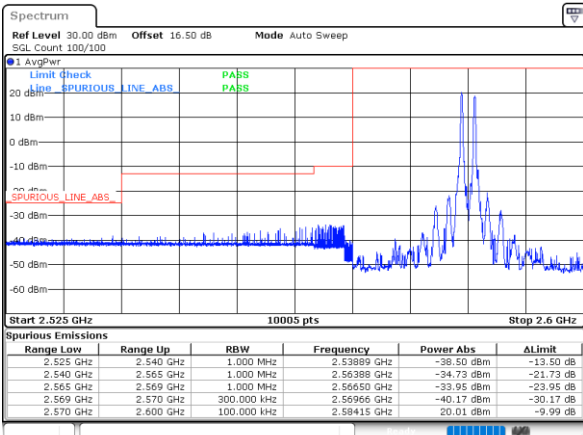
Date: 28_SEP.2022 09:42:24

Highest Band Edge / 1RB0 and 1RB74



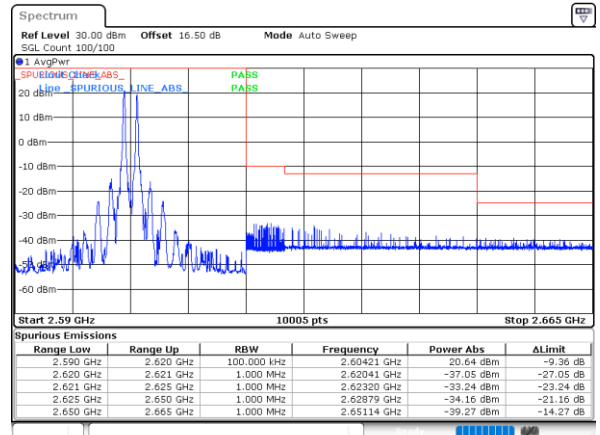
Date: 28_SEP.2022 08:59:27

Lowest Band Edge / 1RB74 and 1RB0



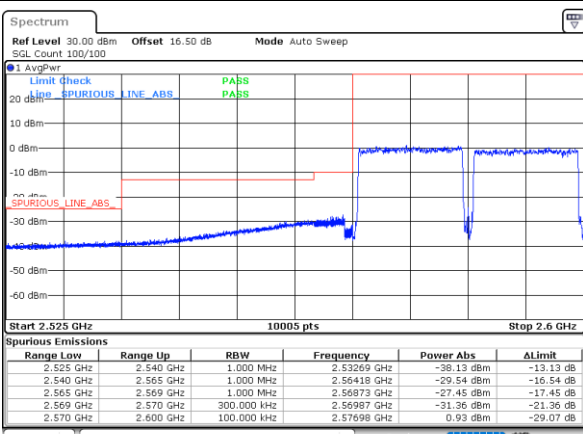
Date: 28_SEP.2022 09:45:31

Highest Band Edge / 1RB74 and 1RB0



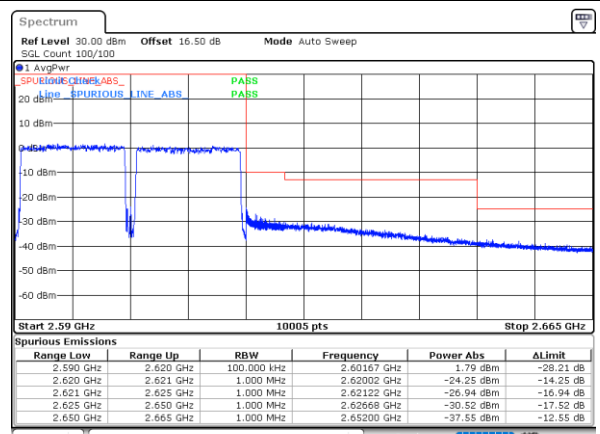
Date: 28_SEP.2022 09:02:35

Lowest Band Edge / Full RB



Date: 28_SEP.2022 09:39:16

Highest Band Edge / Full RB



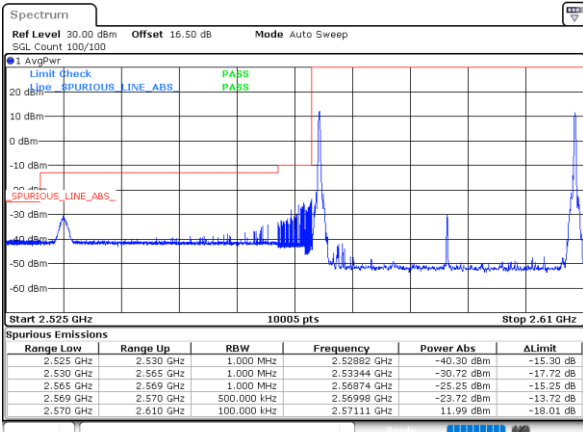
Date: 28_SEP.2022 08:56:20



LTE Band 38C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9



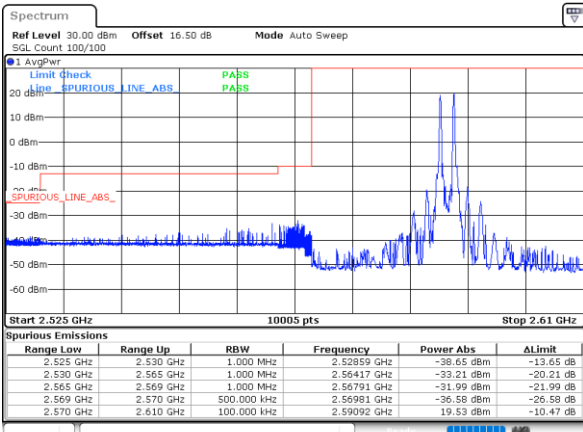
Date: 28_SEP.2022 10:08:56

Highest Band Edge / 1RB0 and 1RB9



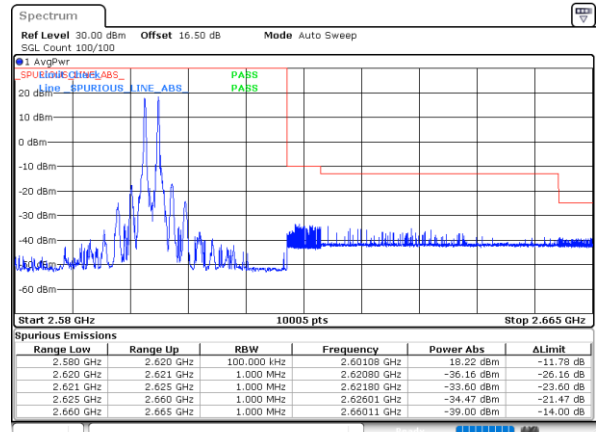
Date: 28_SEP.2022 09:54:21

Lowest Band Edge / 1RB9 and 1RB0



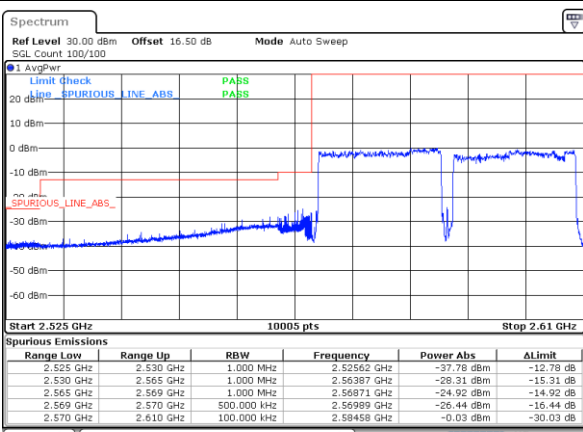
Date: 28_SEP.2022 10:12:06

Highest Band Edge / 1RB9 and 1RB0



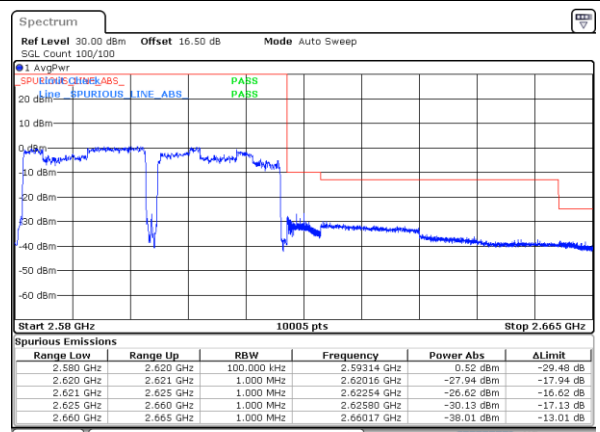
Date: 28_SEP.2022 09:57:29

Lowest Band Edge / Full RB



Date: 28_SEP.2022 10:05:51

Highest Band Edge / Full RB



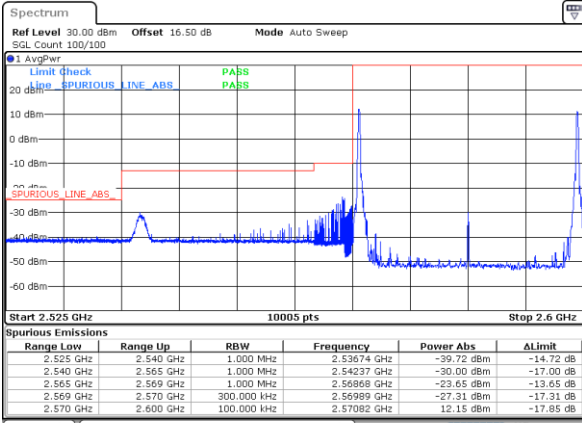
Date: 28_SEP.2022 09:51:15



LTE Band 38C / 15MHz+15MHz

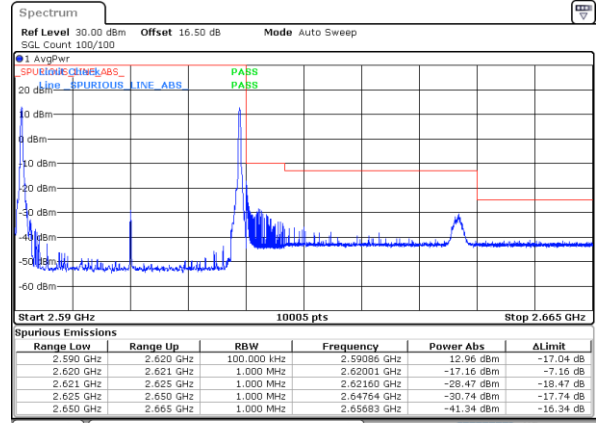
64QAM

Lowest Band Edge / 1RB0 and 1RB74



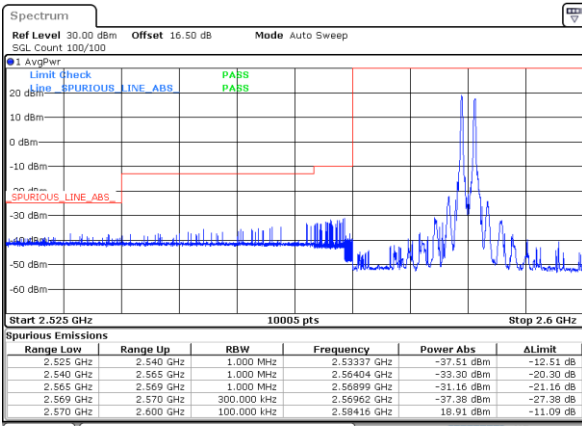
Date: 28_SEP.2022 09:41:21

Highest Band Edge / 1RB0 and 1RB74



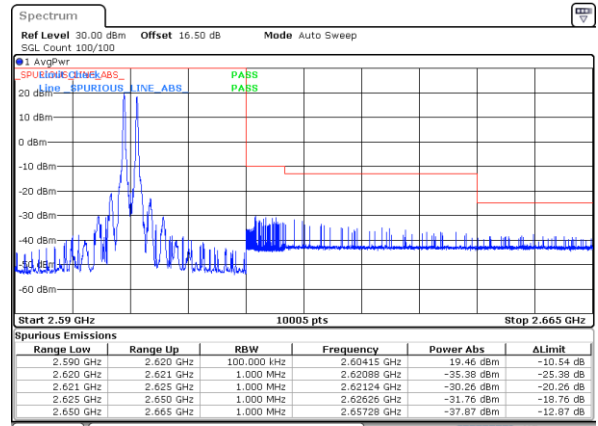
Date: 28_SEP.2022 09:00:29

Lowest Band Edge / 1RB74 and 1RB0



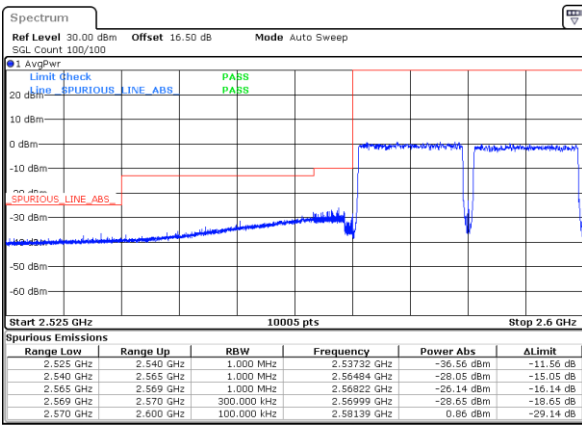
Date: 28_SEP.2022 09:46:33

Highest Band Edge / 1RB74 and 1RB0



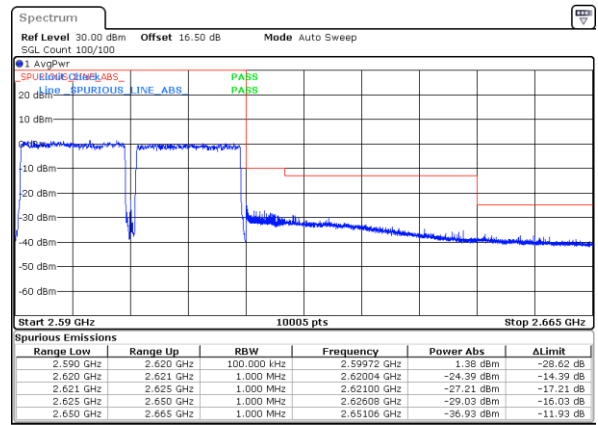
Date: 28_SEP.2022 09:01:32

Lowest Band Edge / Full RB



Date: 28_SEP.2022 09:40:18

Highest Band Edge / Full RB



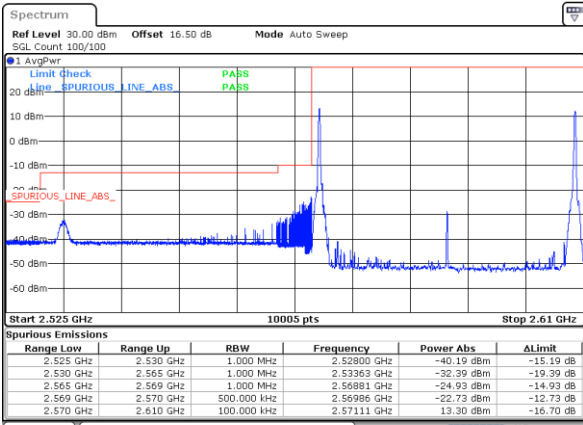
Date: 28_SEP.2022 10:49:24



LTE Band 38C / 20MHz+20MHz

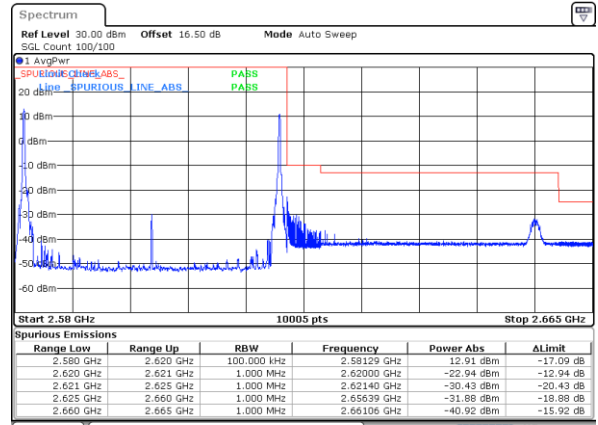
64QAM

Lowest Band Edge / 1RB0 and 1RB9



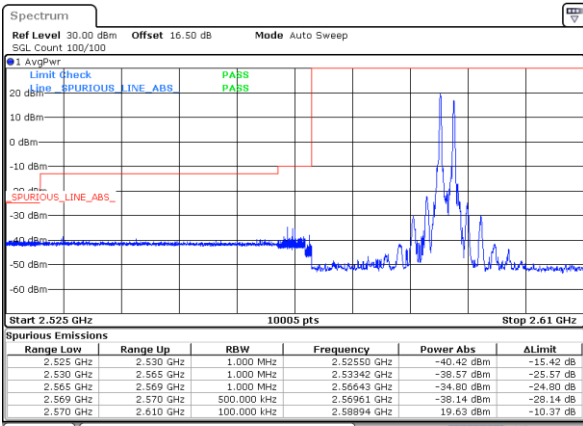
Date: 28_SEP.2022 10:07:56

Highest Band Edge / 1RB0 and 1RB9



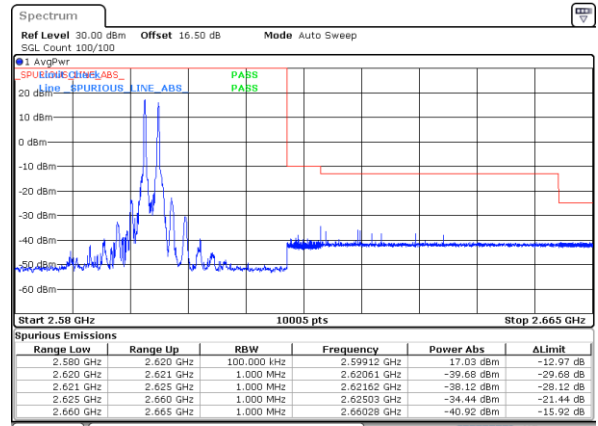
Date: 28_SEP.2022 09:55:24

Lowest Band Edge / 1RB9 and 1RB0



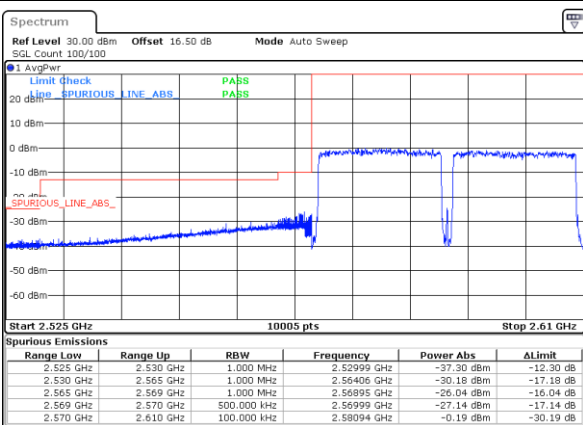
Date: 28_SEP.2022 10:13:09

Highest Band Edge / 1RB9 and 1RB0



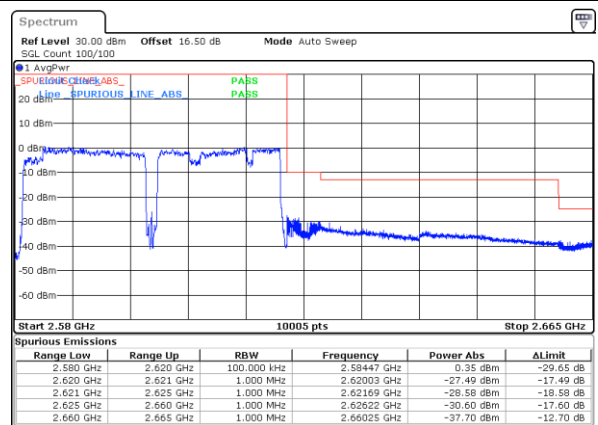
Date: 28_SEP.2022 09:56:27

Lowest Band Edge / Full RB



Date: 28_SEP.2022 10:06:53

Highest Band Edge / Full RB



Date: 28_SEP.2022 09:50:13