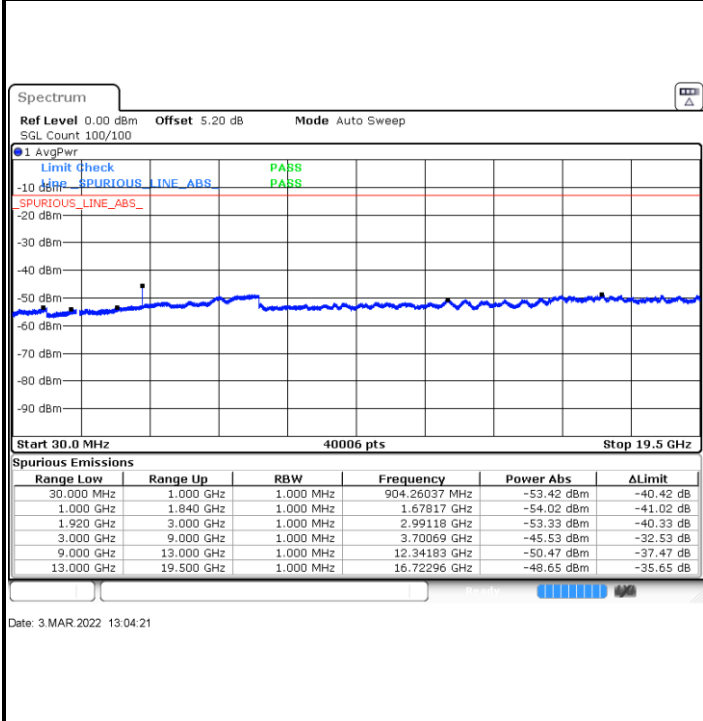


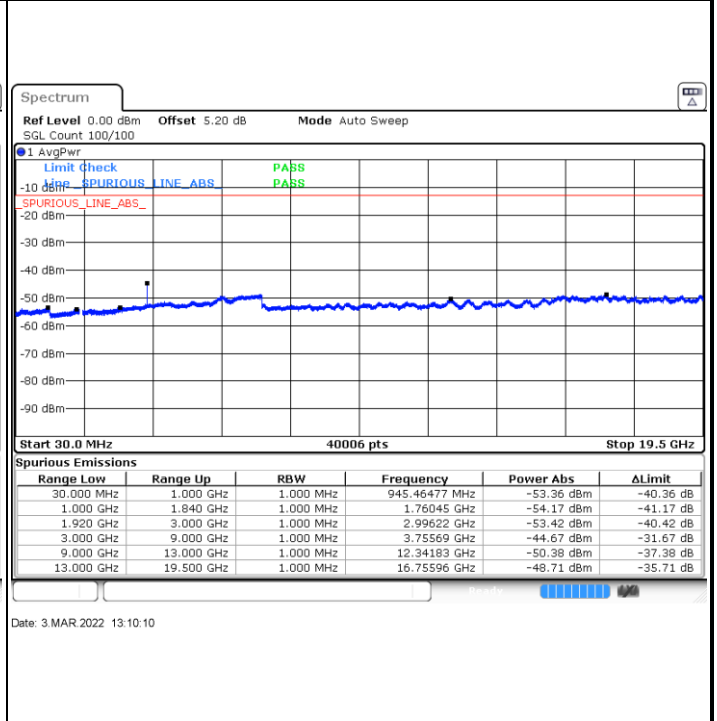


LTE Band 2 / 5MHz

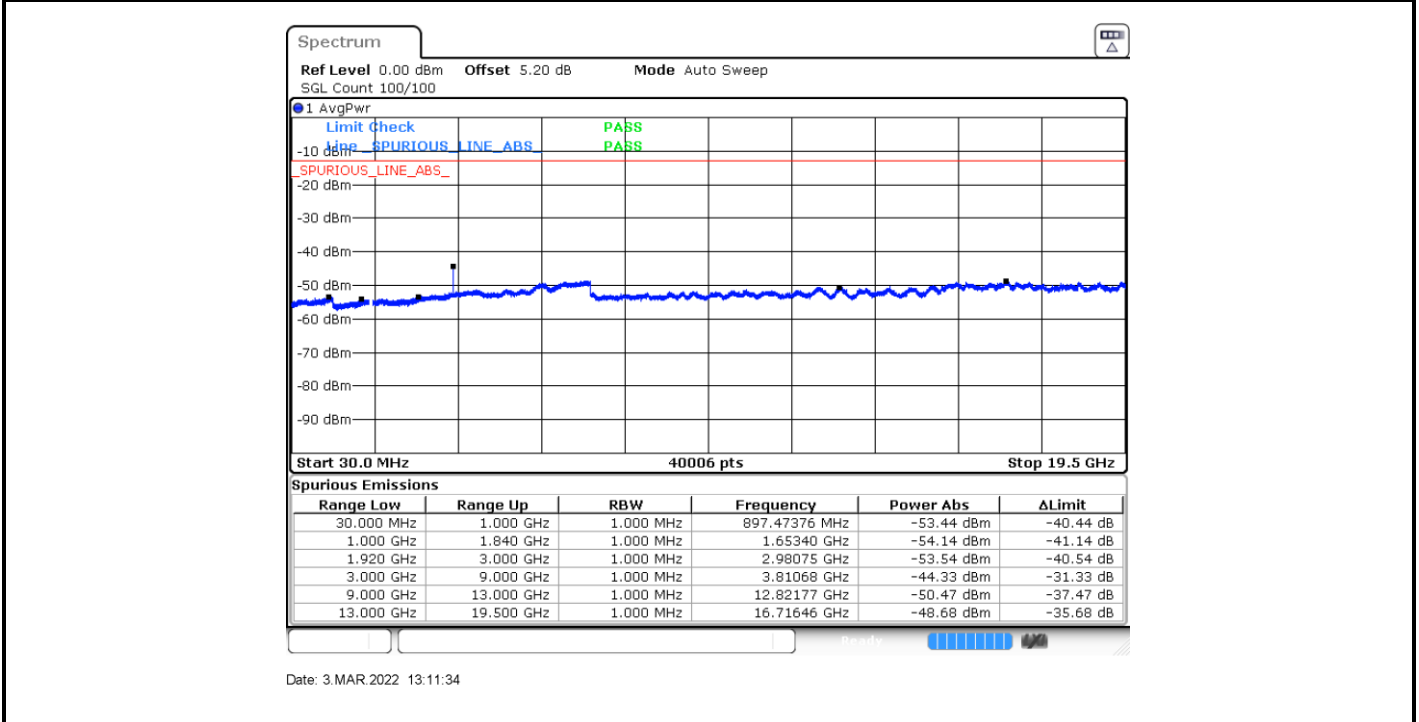
Lowest Channel / QPSK



Middle Channel / QPSK

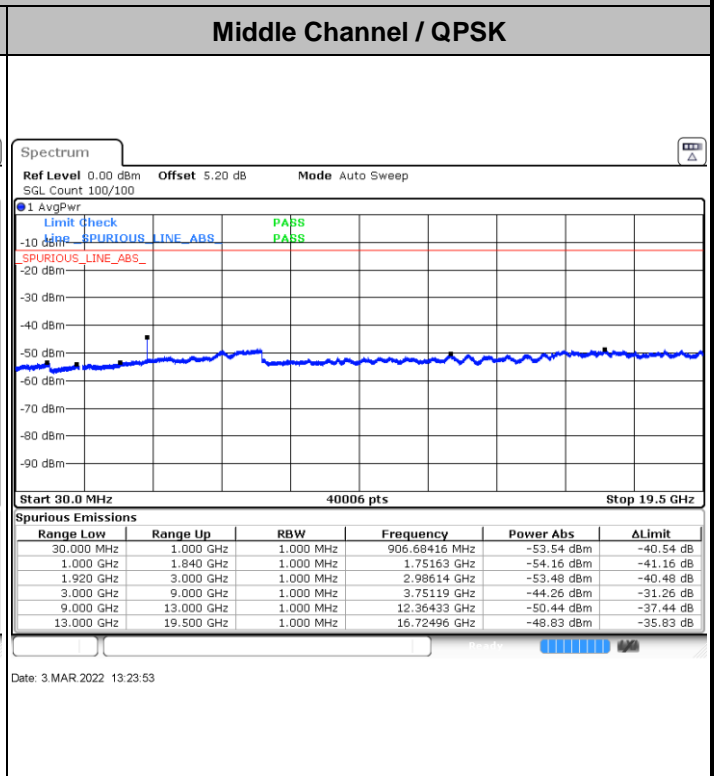
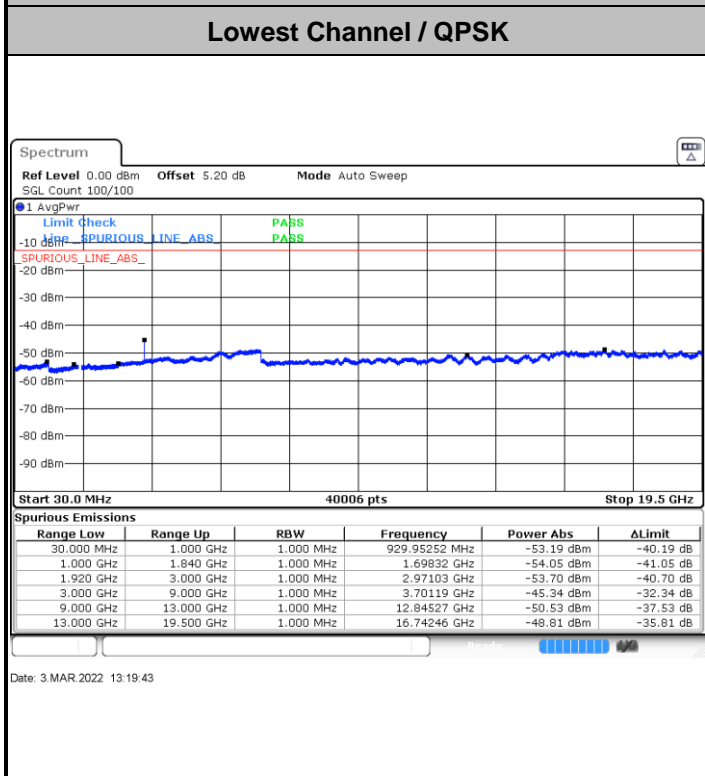


Highest Channel / QPSK

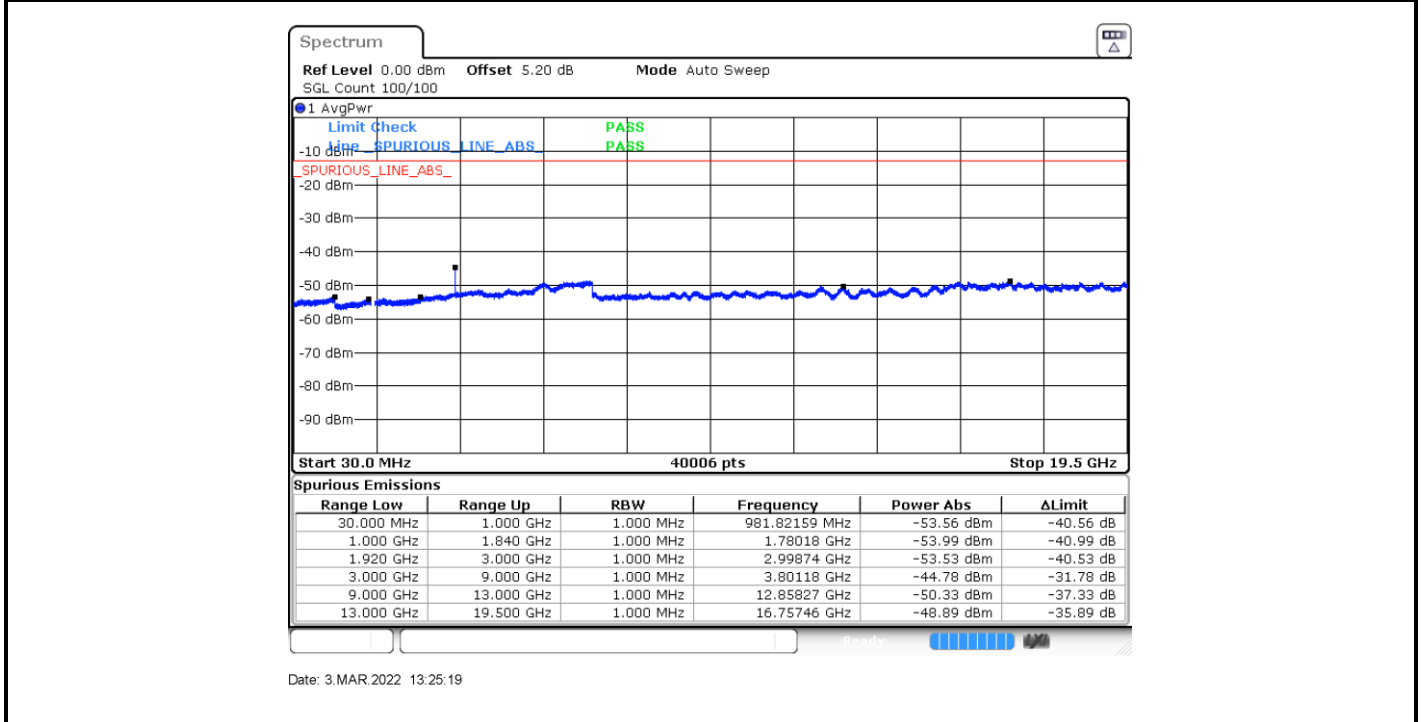




LTE Band 2 / 10MHz



Highest Channel / QPSK

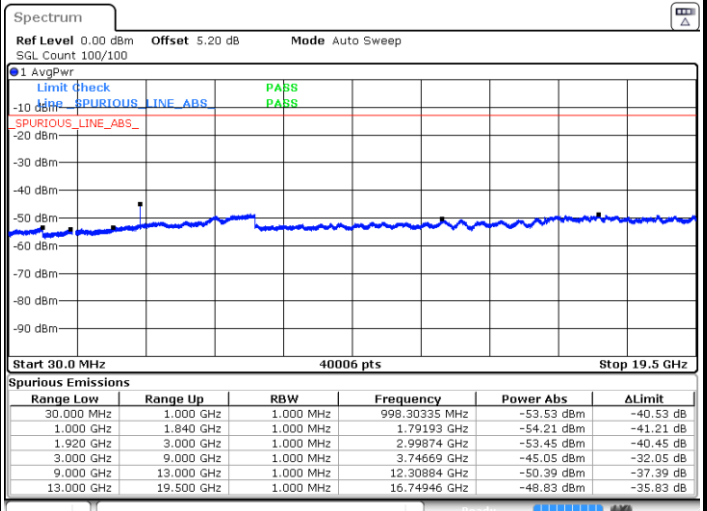
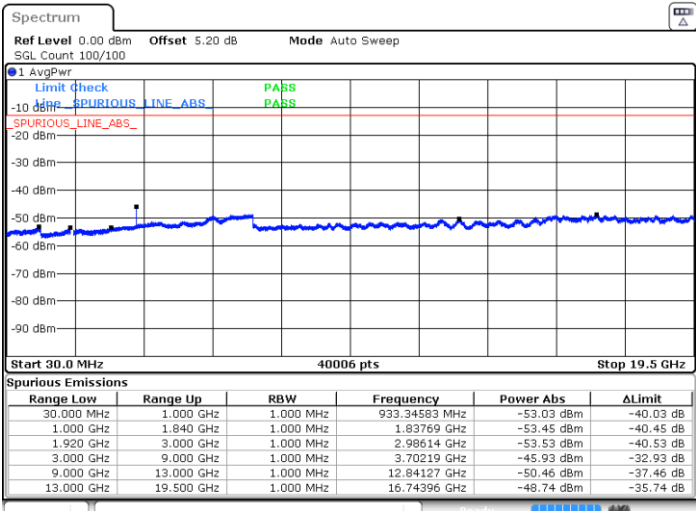




LTE Band 2 / 15MHz

Lowest Channel / QPSK

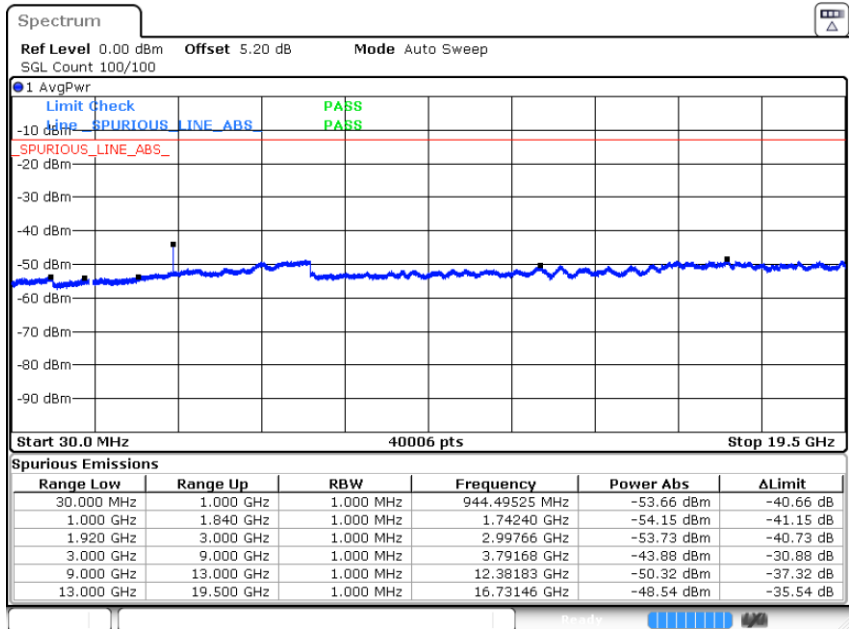
Middle Channel / QPSK



Date: 3.MAR.2022 13:31:17

Date: 3.MAR.2022 13:34:55

Highest Channel / QPSK

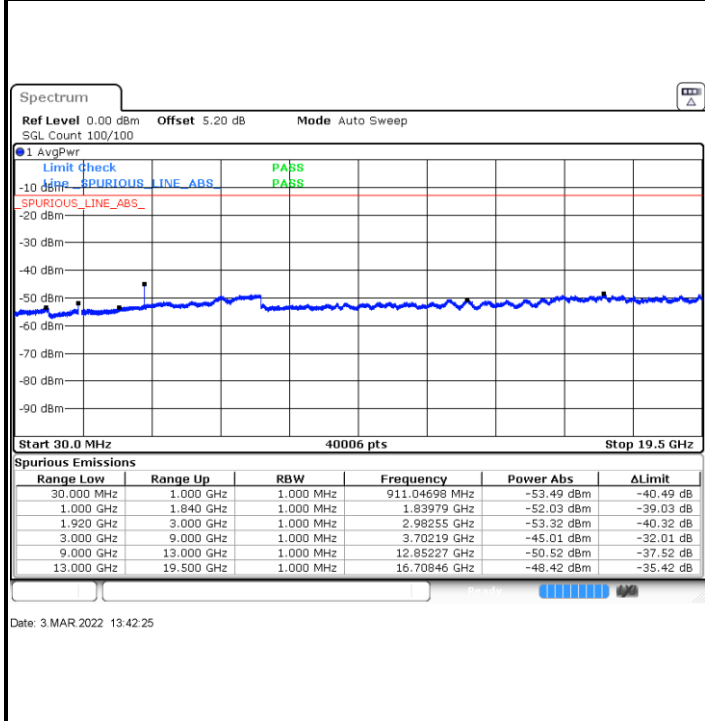


Date: 3.MAR.2022 13:36:23

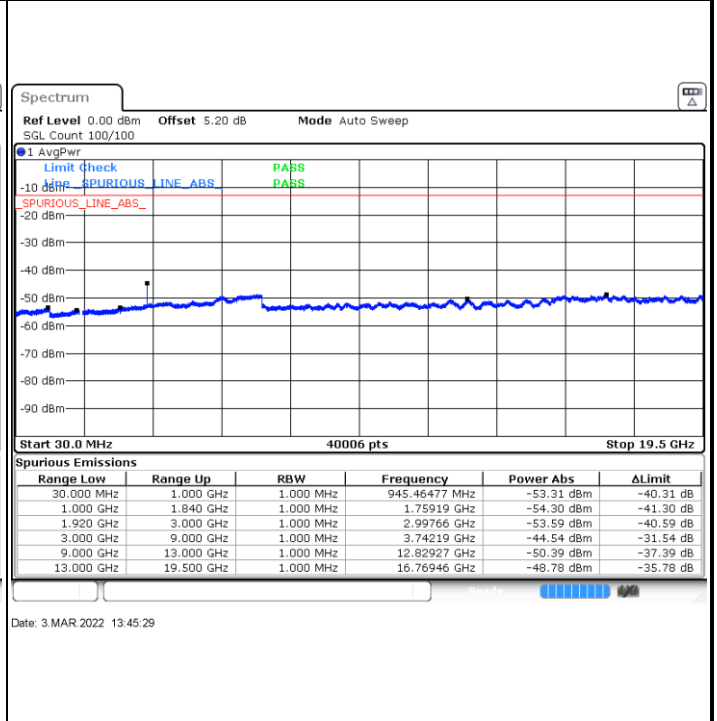


LTE Band 2 / 20MHz

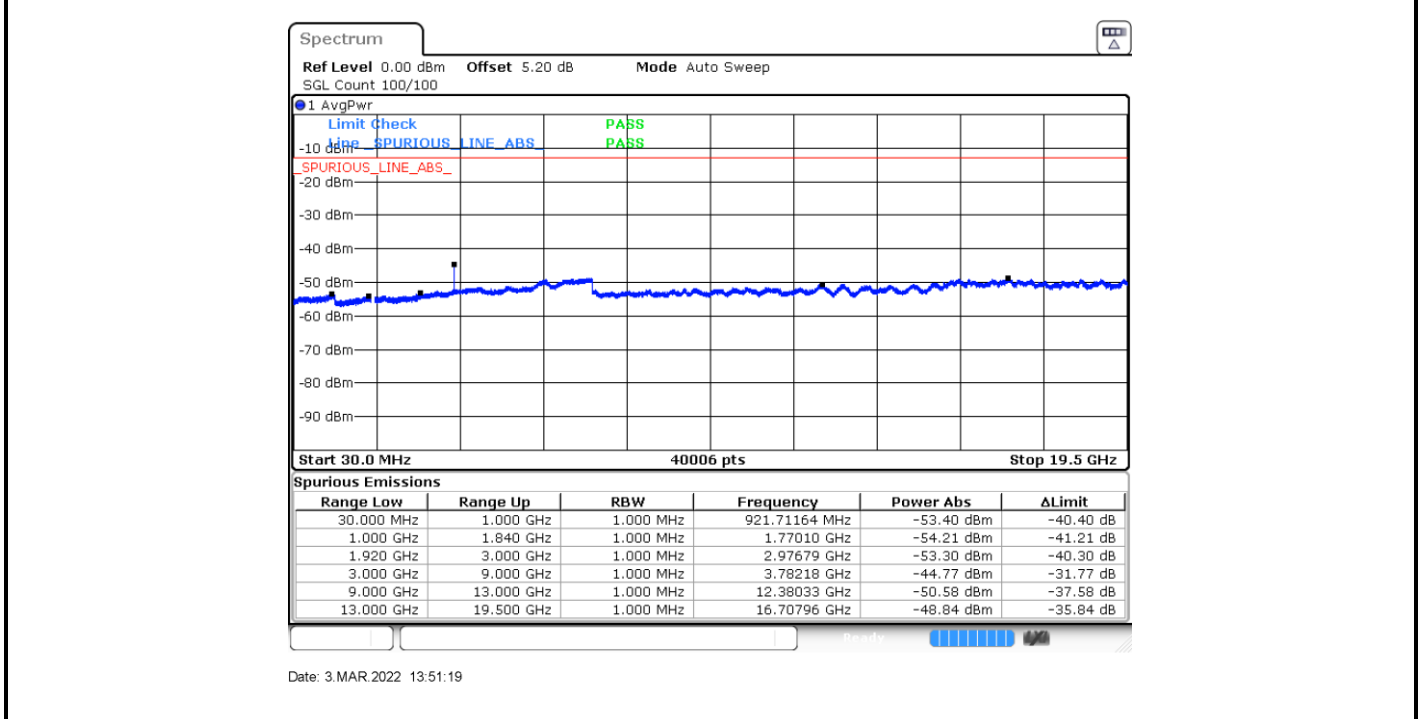
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0047	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0003	

Note:

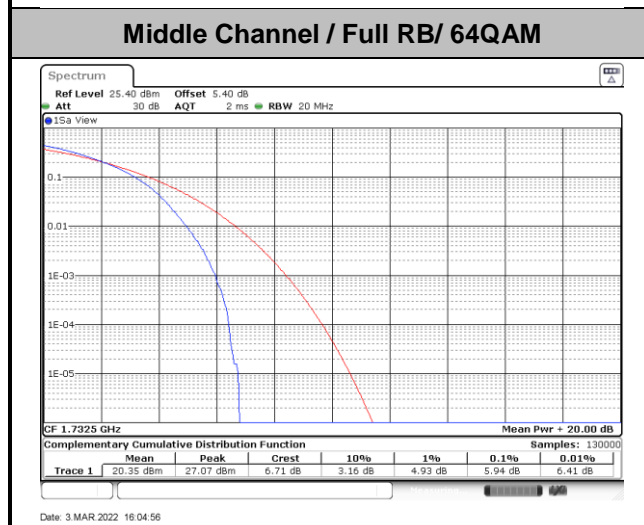
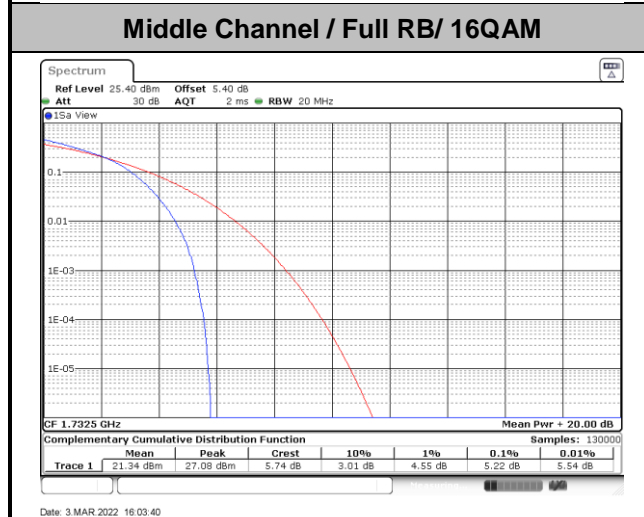
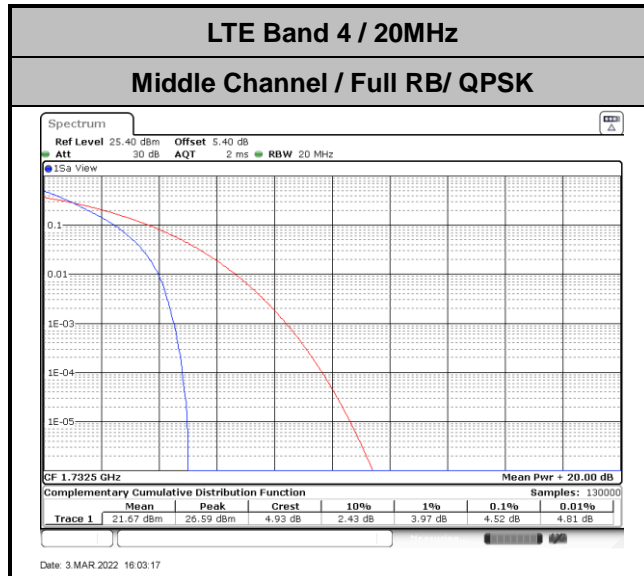
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 4

Peak-to-Average Ratio

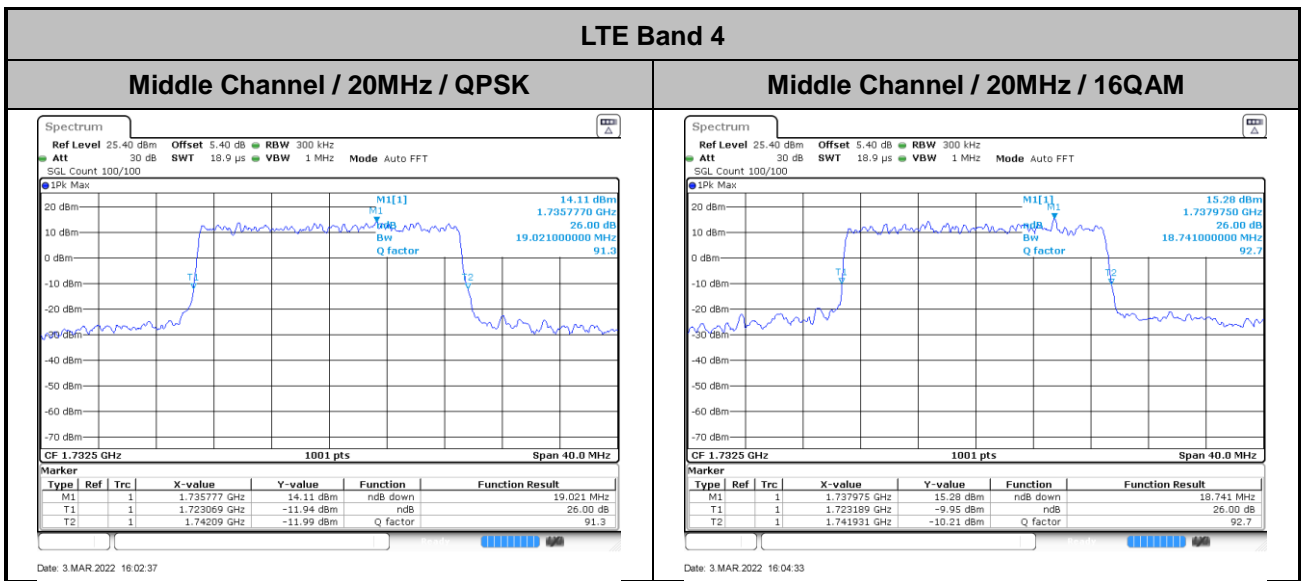
Mode	LTE Band 4 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.52	5.22	5.94	PASS





26dB Bandwidth

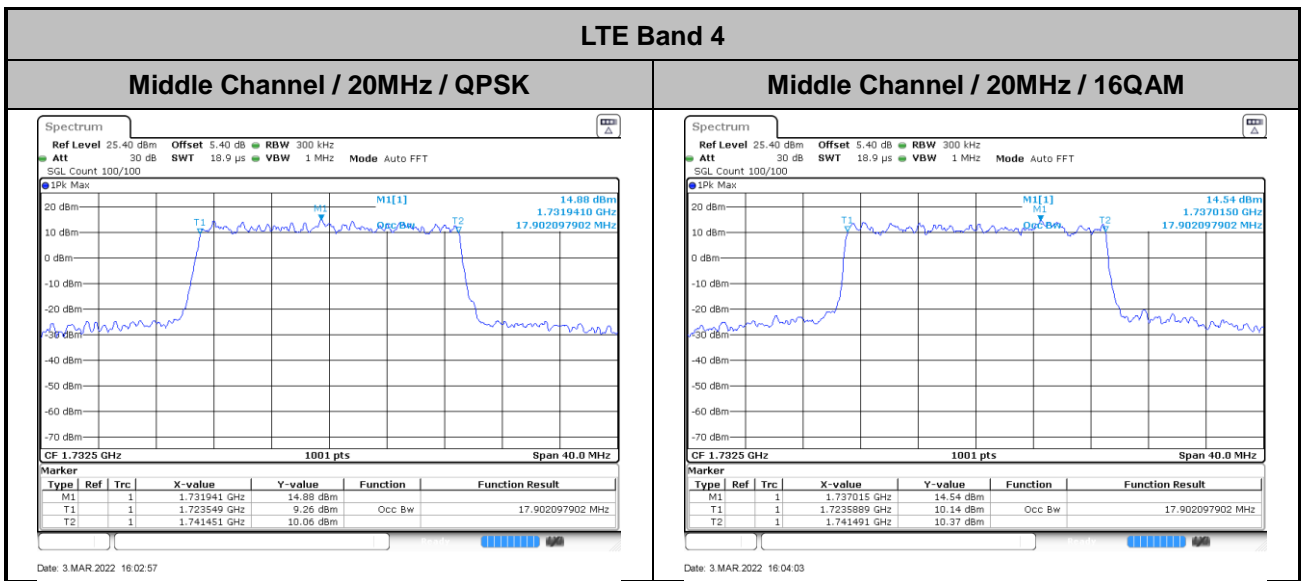
Mode	LTE Band 4 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.02	18.74





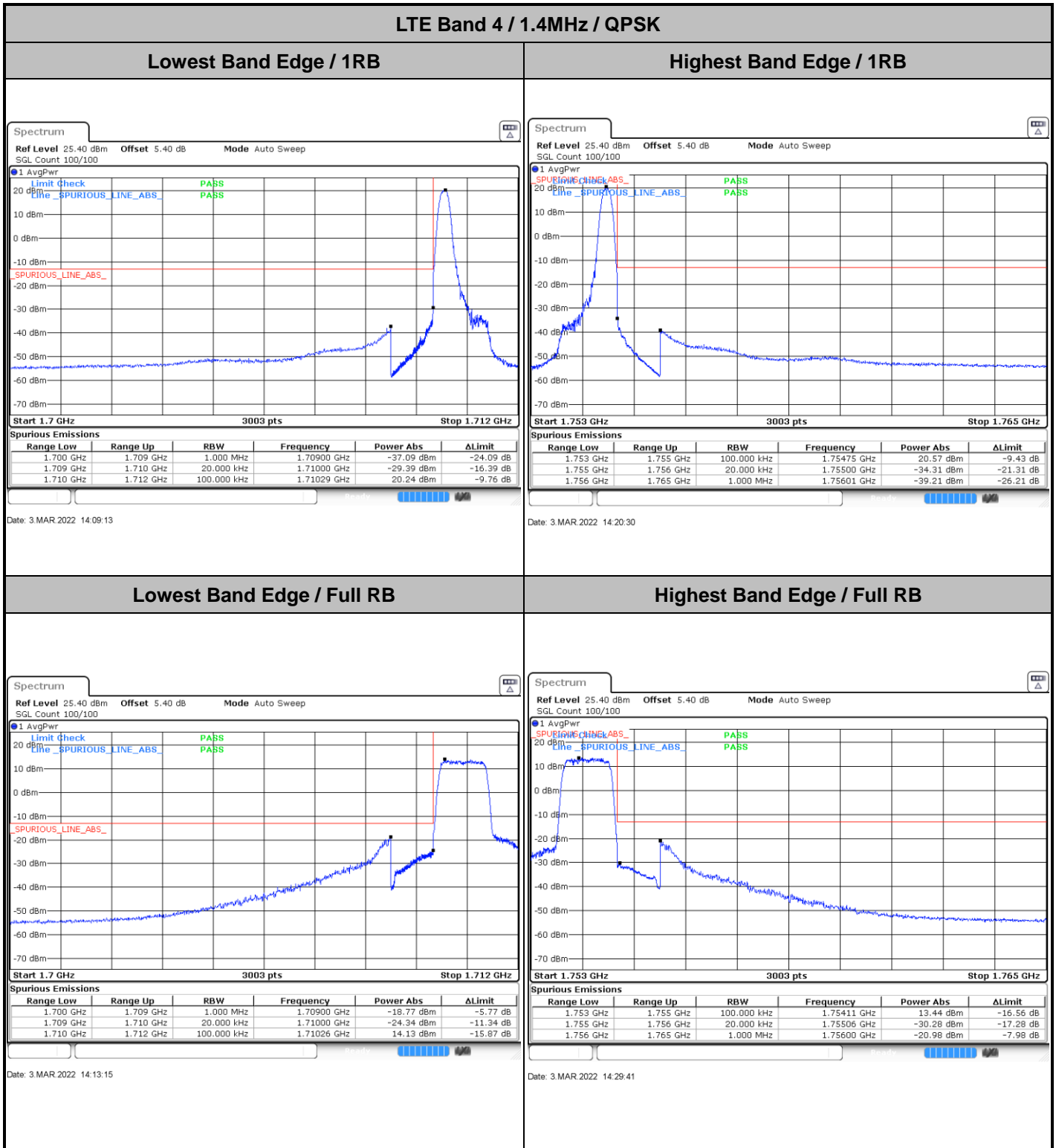
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.90





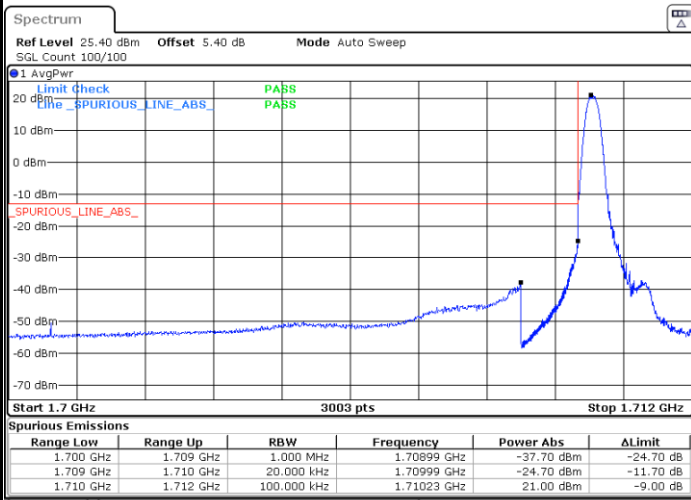
Conducted Band Edge





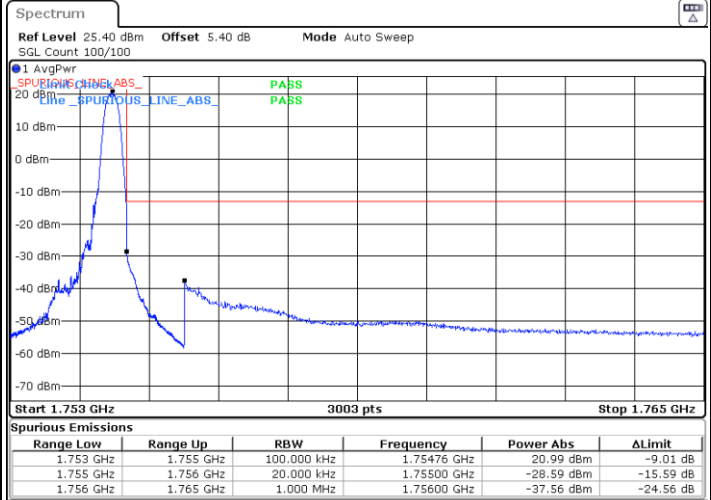
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



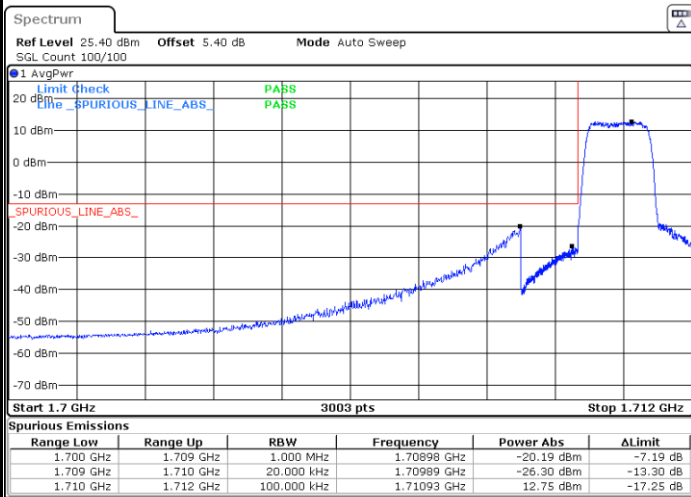
Date: 3.MAR.2022 14:10:31

Highest Band Edge / 1 RB



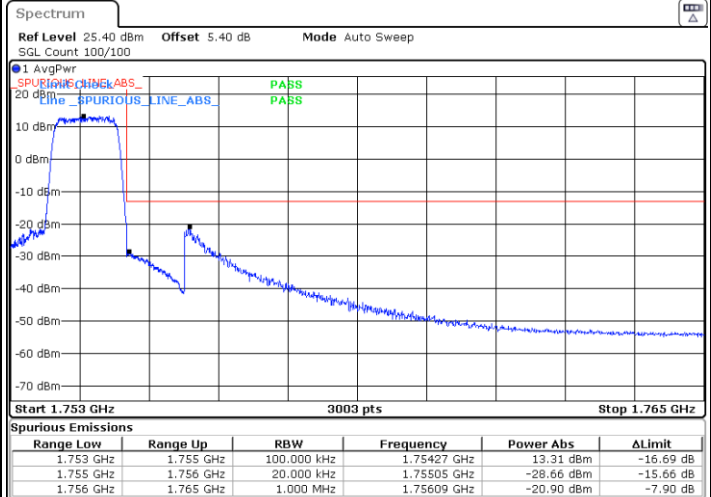
Date: 3.MAR.2022 14:22:23

Lowest Band Edge / Full RB



Date: 3.MAR.2022 14:14:34

Highest Band Edge / Full RB

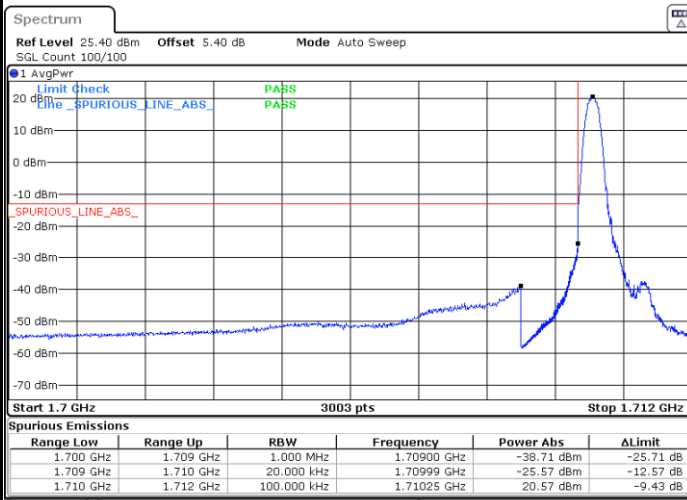


Date: 3.MAR.2022 14:26:39



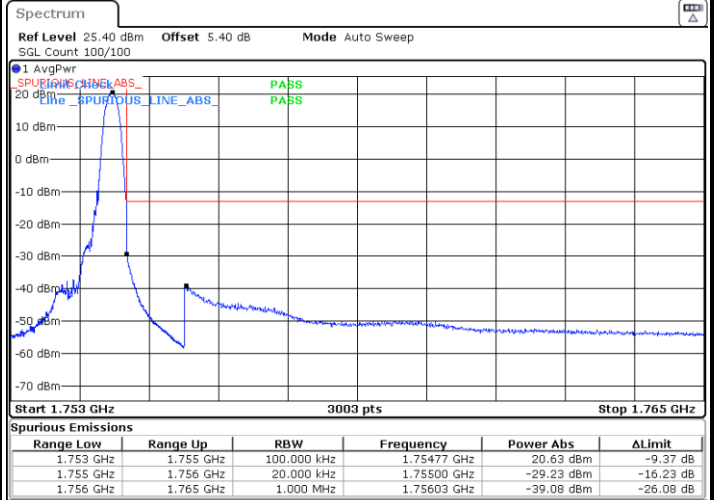
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



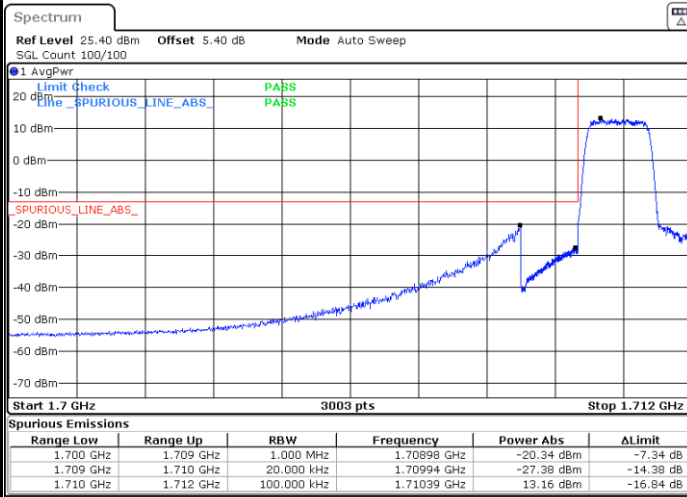
Date: 3.MAR.2022 14:11:51

Highest Band Edge / 1 RB



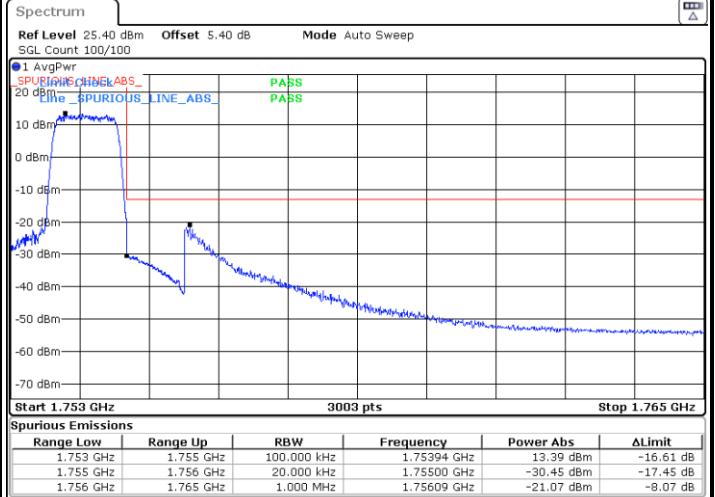
Date: 3.MAR.2022 14:23:42

Lowest Band Edge / Full RB



Date: 3.MAR.2022 14:15:59

Highest Band Edge / Full RB

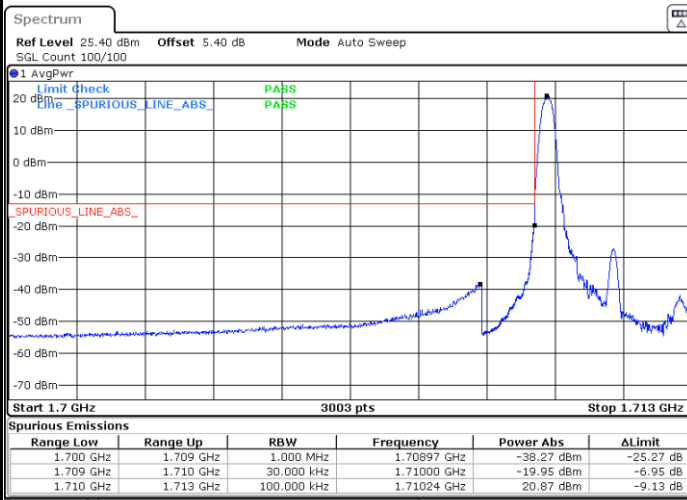


Date: 3.MAR.2022 14:28:08



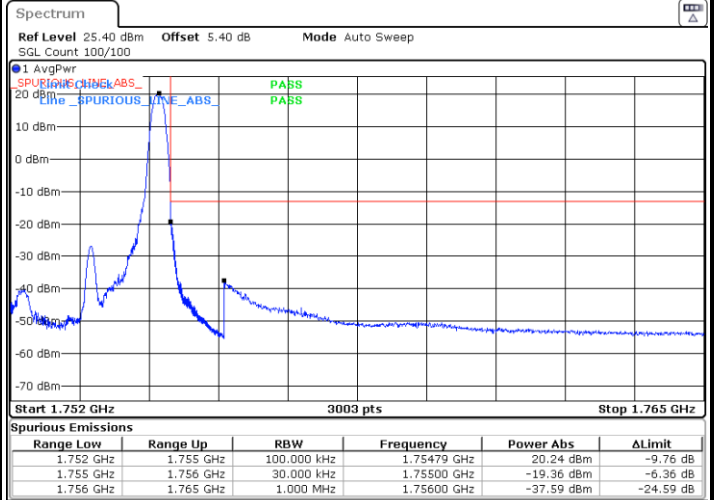
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



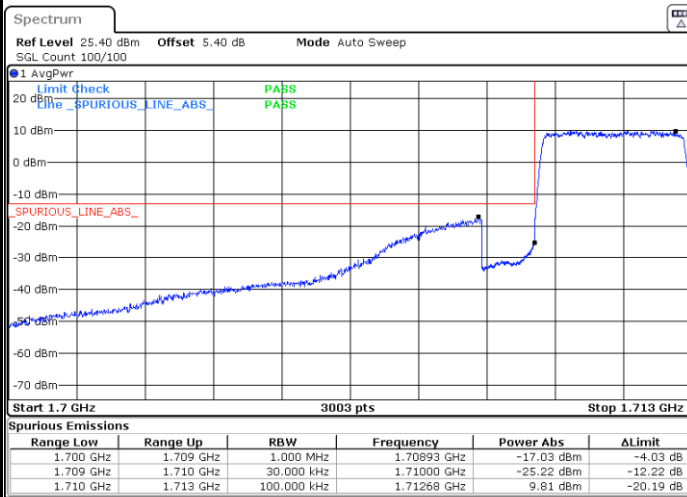
Date: 3.MAR.2022 15:03:15

Highest Band Edge / 1 RB



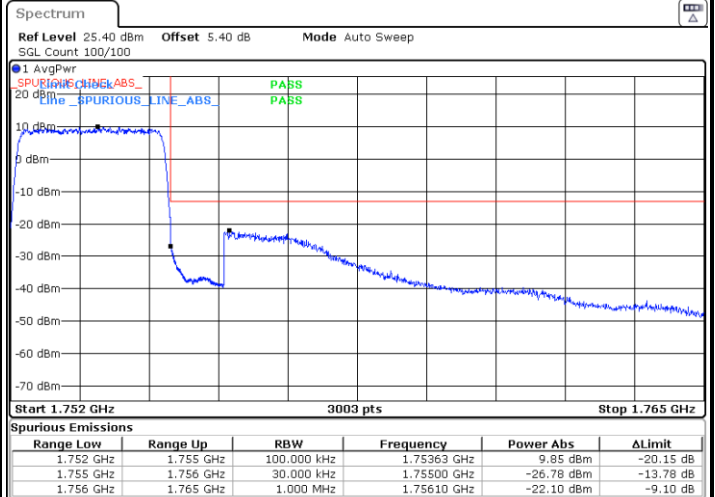
Date: 3.MAR.2022 15:12:02

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:15:22

Highest Band Edge / Full RB

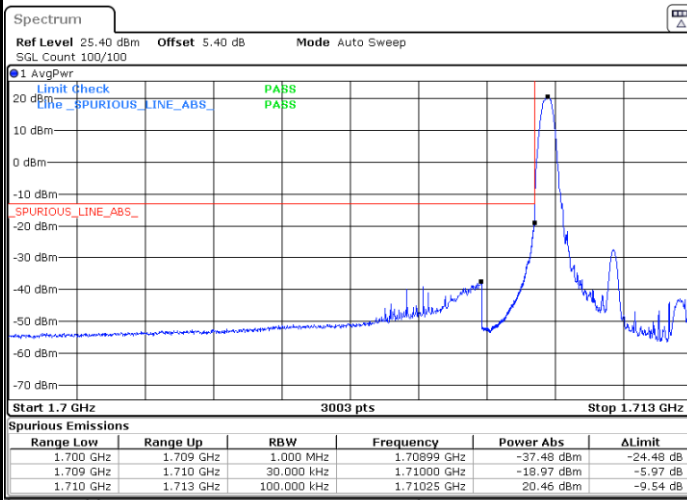


Date: 3.MAR.2022 14:34:11



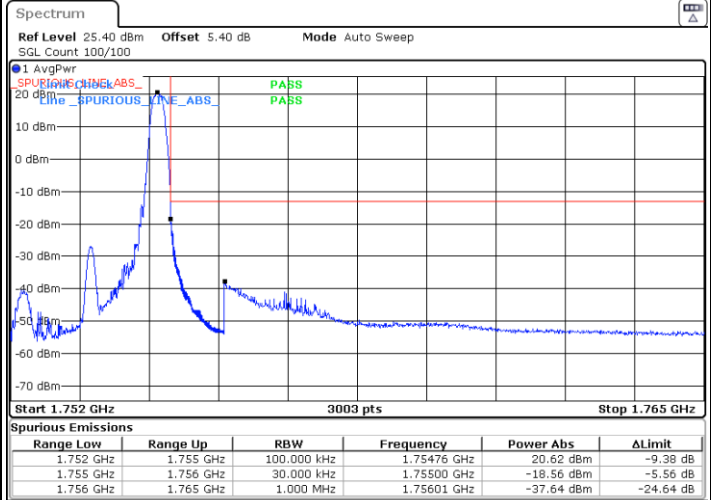
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



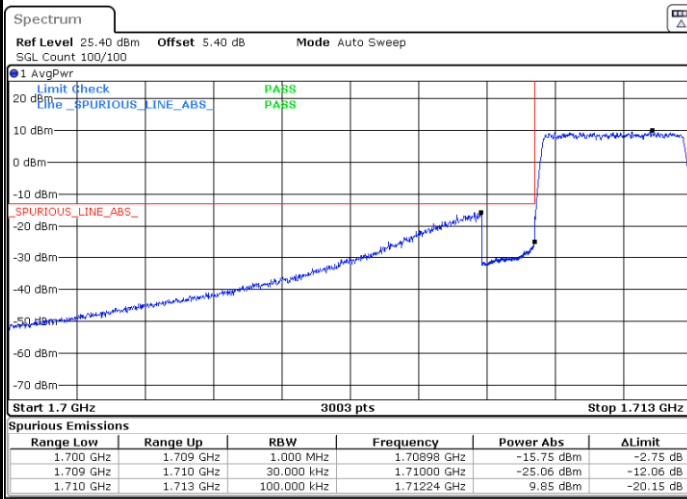
Date: 3.MAR.2022 14:59:43

Highest Band Edge / 1 RB



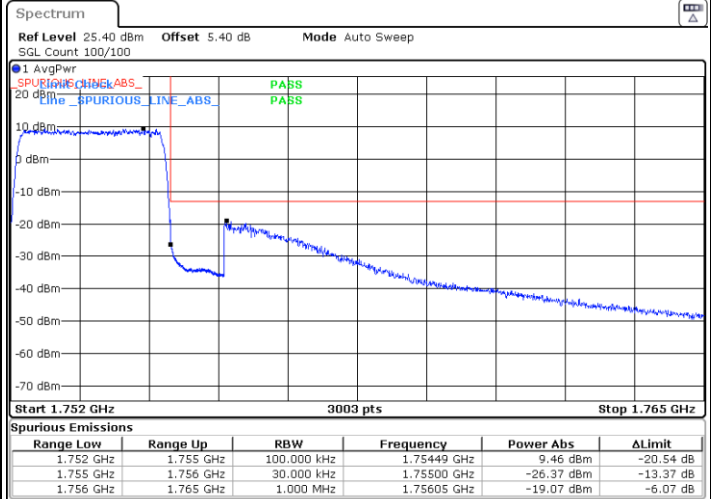
Date: 3.MAR.2022 15:12:51

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:04:22

Highest Band Edge / Full RB

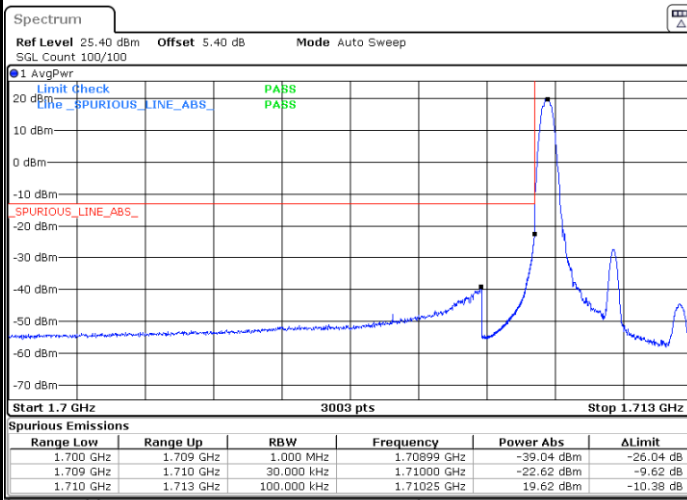


Date: 3.MAR.2022 15:11:03



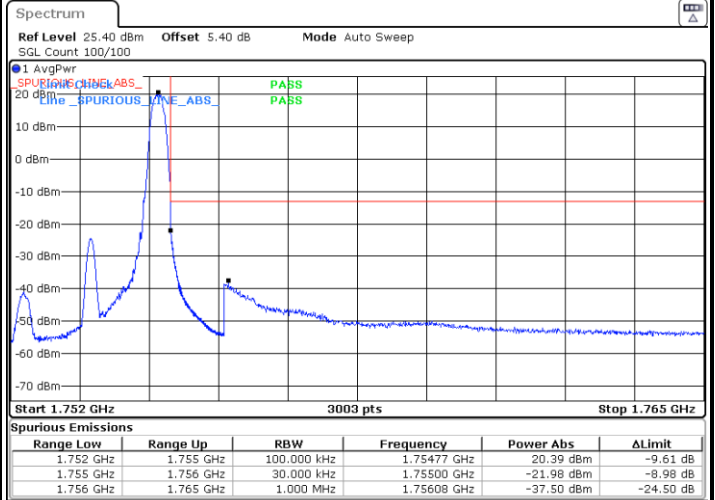
LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



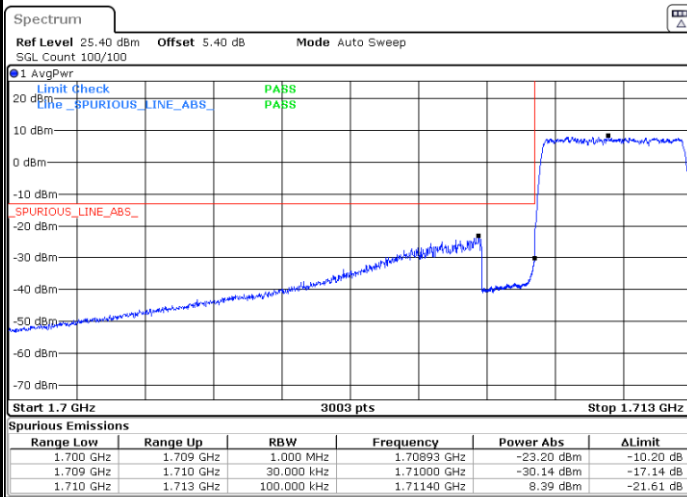
Date: 3.MAR.2022 15:00:36

Highest Band Edge / 1 RB



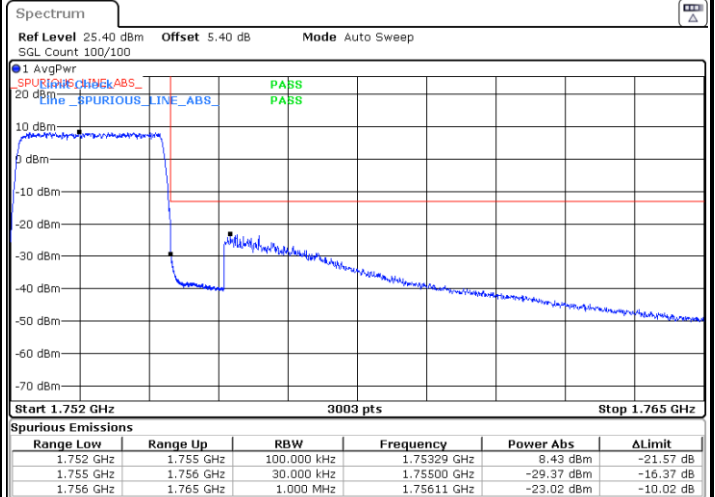
Date: 3.MAR.2022 15:13:41

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:05:15

Highest Band Edge / Full RB

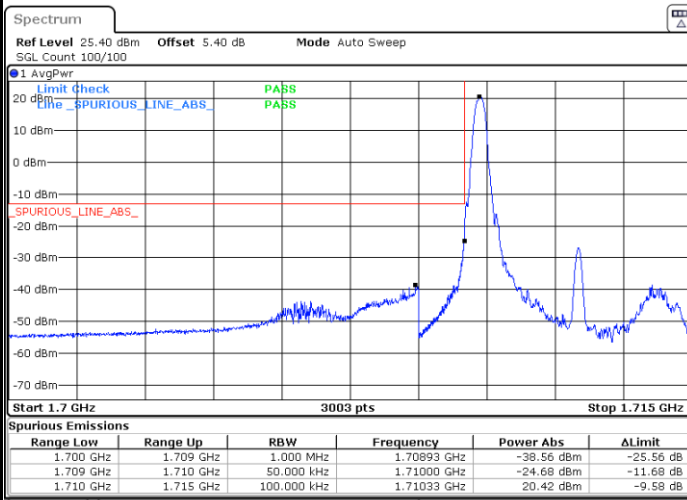


Date: 3.MAR.2022 15:10:09



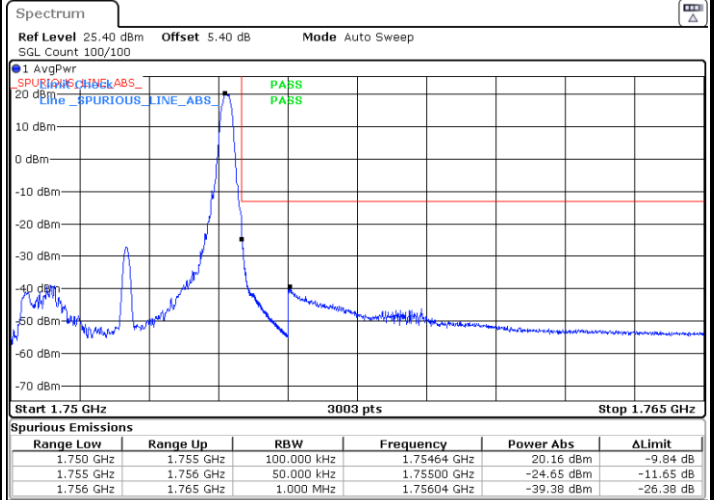
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



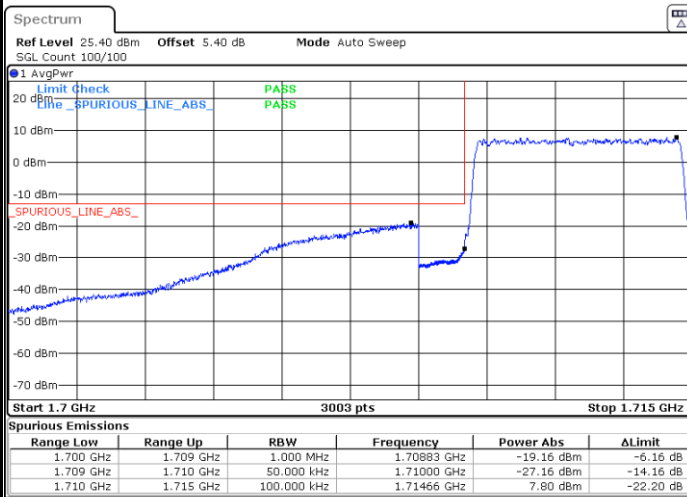
Date: 3.MAR.2022 15:20:16

Highest Band Edge / 1 RB



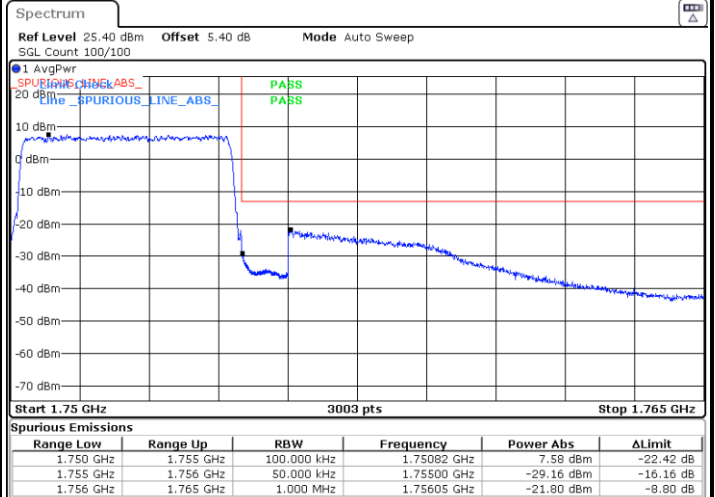
Date: 3.MAR.2022 15:26:46

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:16:21

Highest Band Edge / Full RB

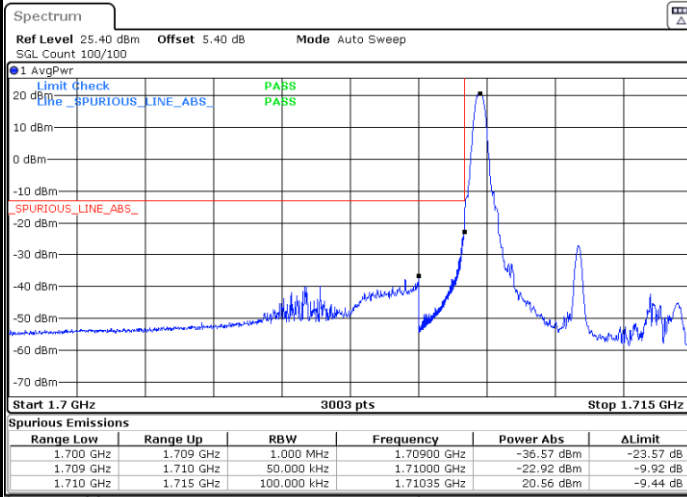


Date: 3.MAR.2022 15:28:58



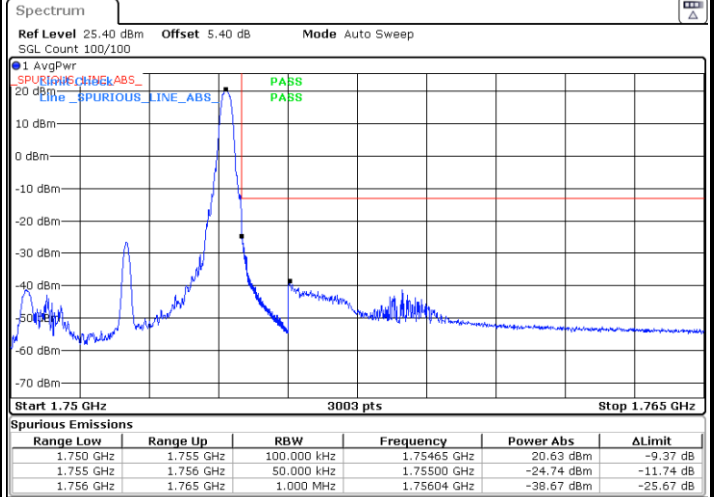
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



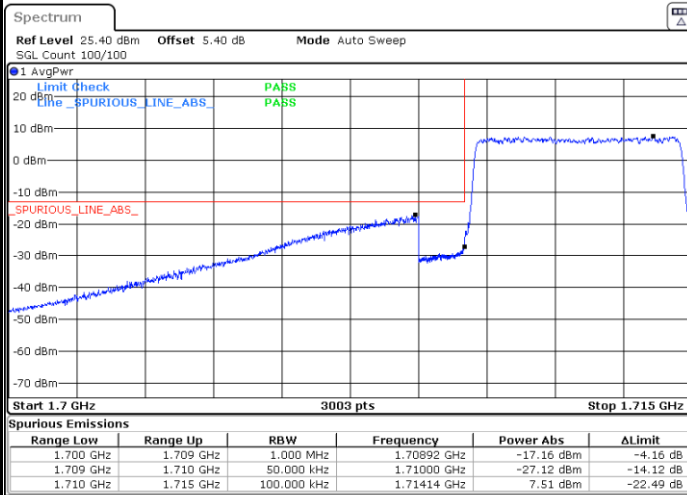
Date: 3.MAR.2022 15:20:56

Highest Band Edge / 1 RB



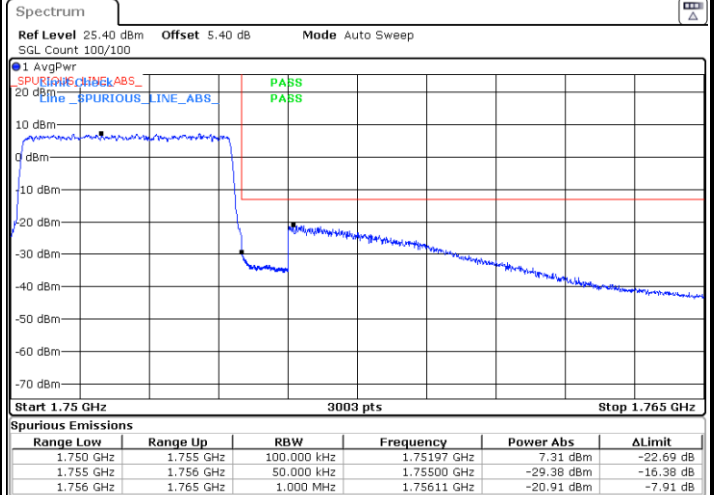
Date: 3.MAR.2022 15:27:21

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:17:27

Highest Band Edge / Full RB

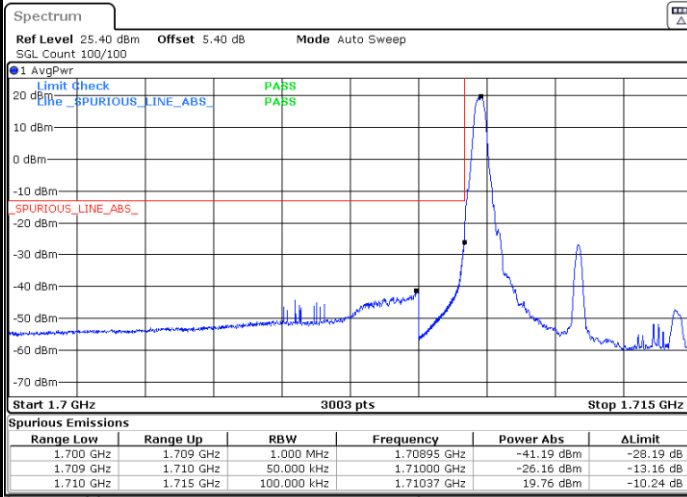


Date: 3.MAR.2022 15:29:42



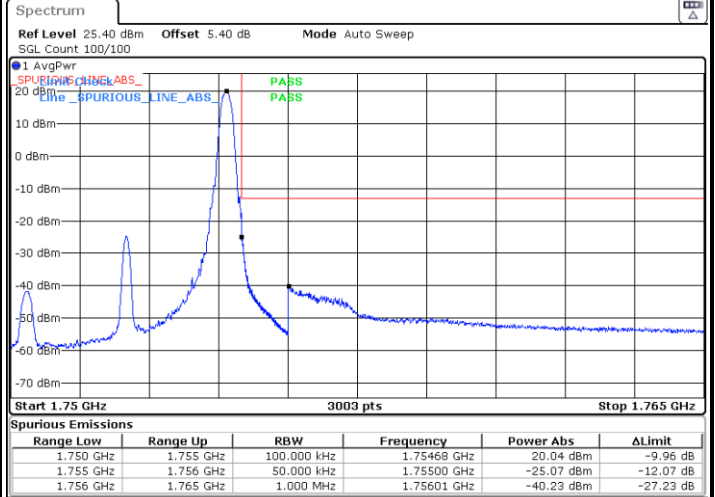
LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / 1RB



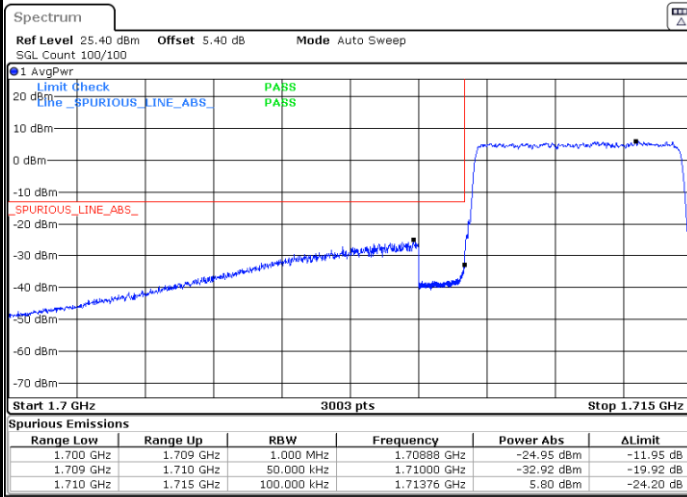
Date: 3.MAR.2022 15:22:50

Highest Band Edge / 1 RB



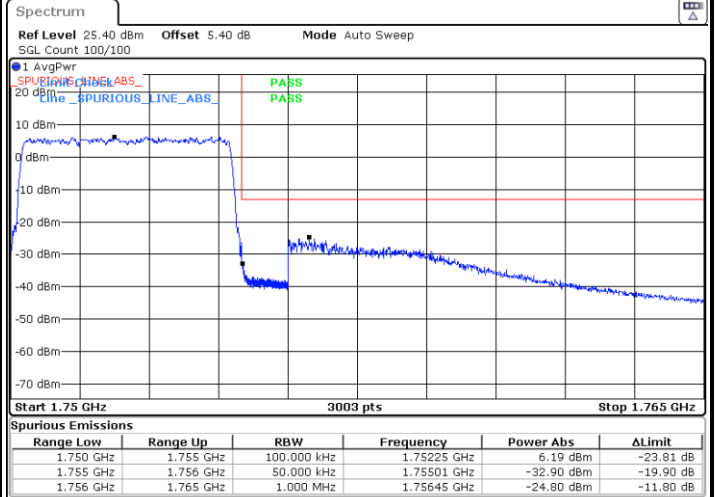
Date: 3.MAR.2022 15:28:08

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:18:02

Highest Band Edge / Full RB

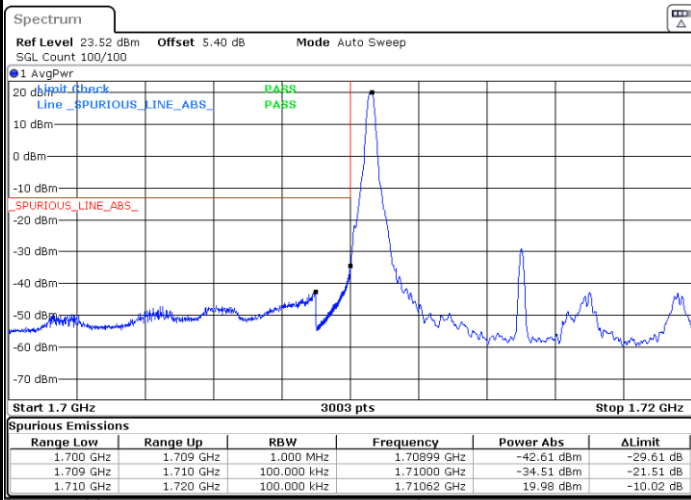


Date: 3.MAR.2022 15:30:35



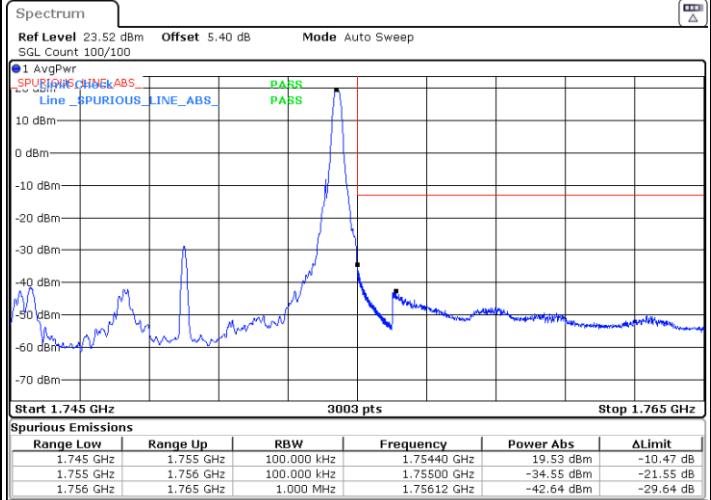
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



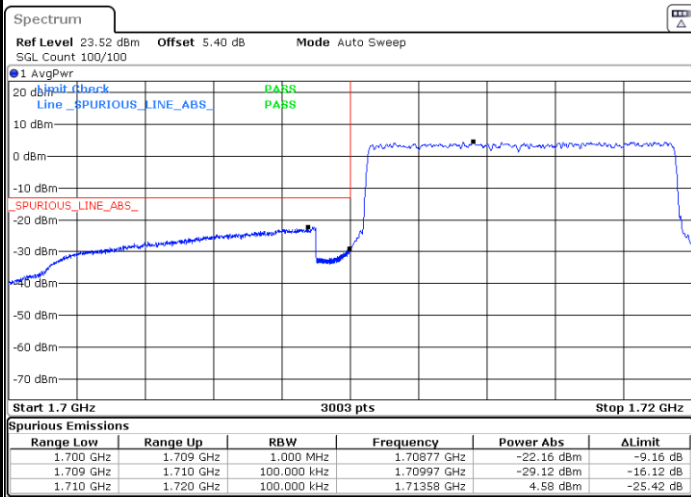
Date: 3.MAR.2022 15:34:32

Highest Band Edge / 1 RB



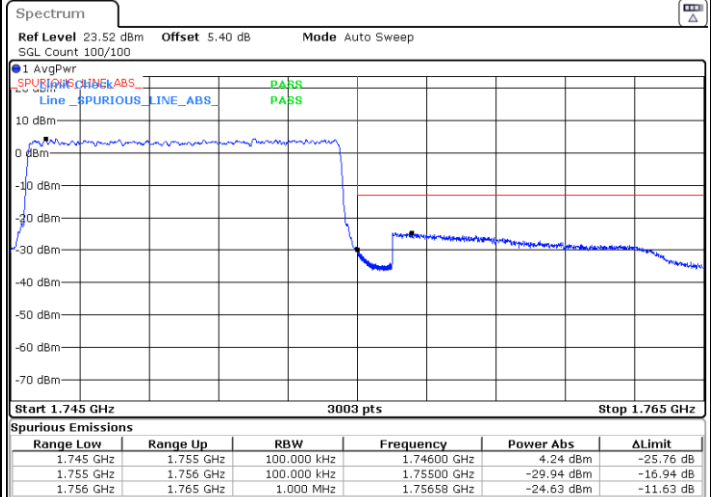
Date: 3.MAR.2022 15:40:03

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:32:12

Highest Band Edge / Full RB

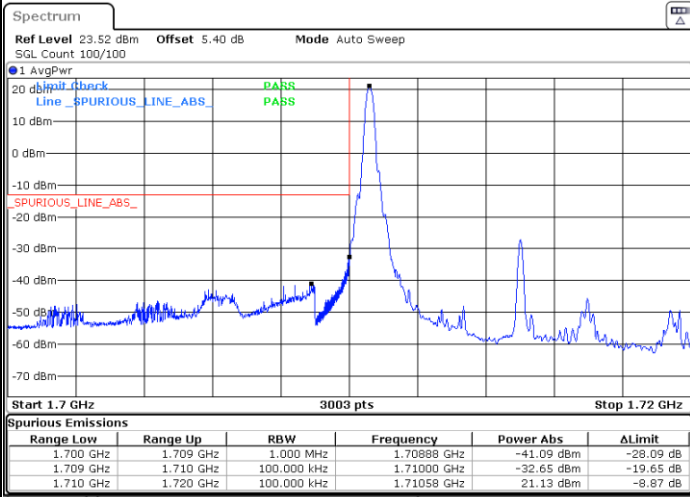


Date: 3.MAR.2022 15:42:32



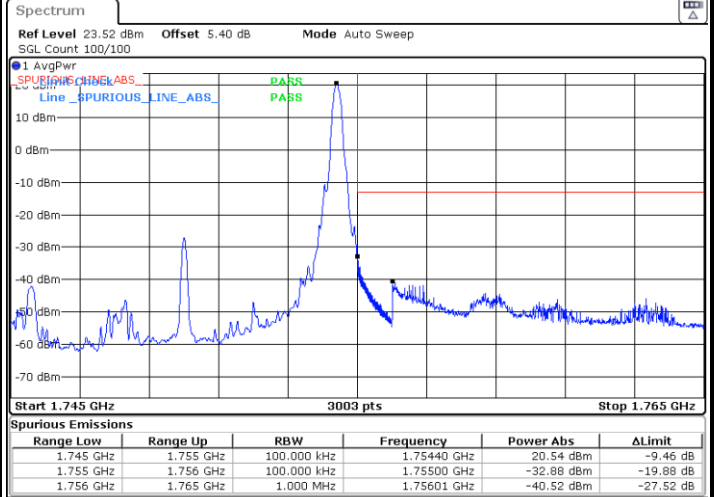
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



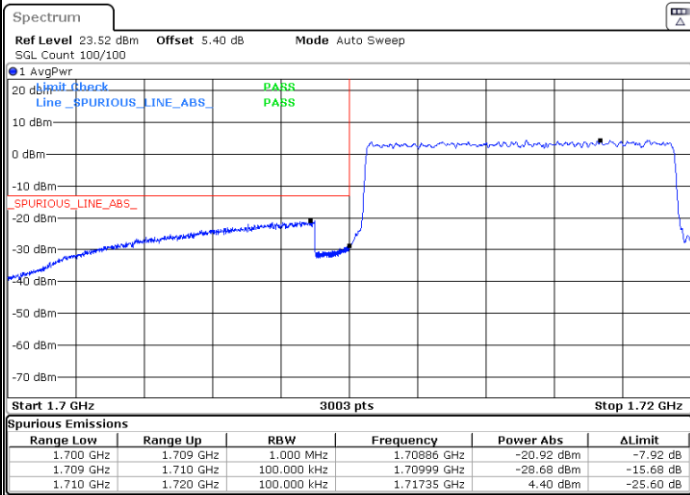
Date: 3.MAR.2022 15:34:04

Highest Band Edge / 1 RB



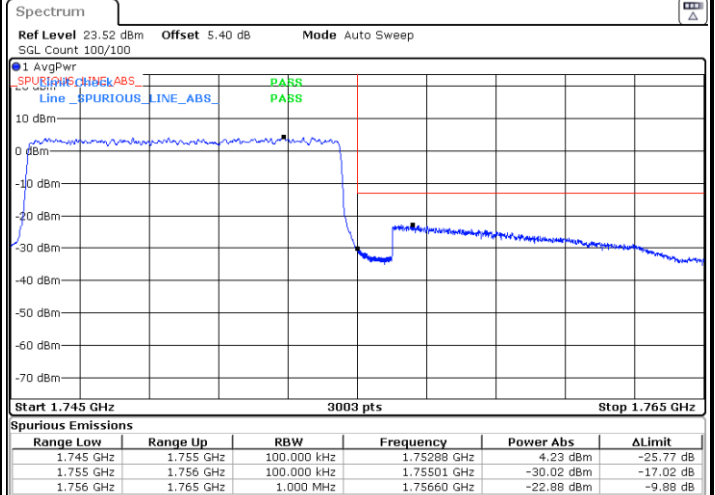
Date: 3.MAR.2022 15:40:39

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:32:38

Highest Band Edge / Full RB

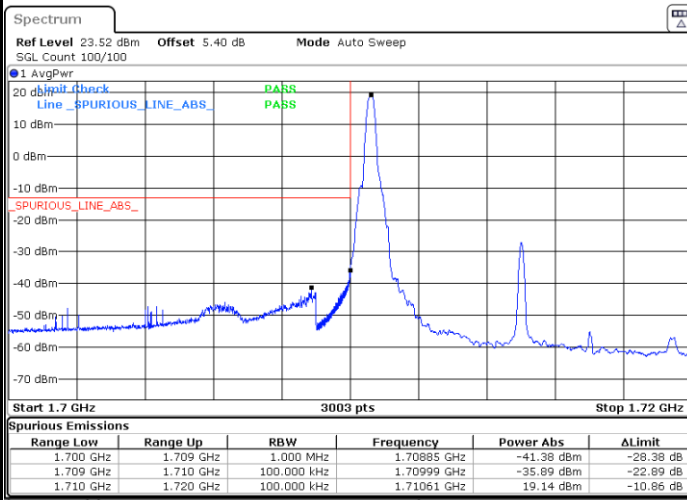


Date: 3.MAR.2022 15:42:05



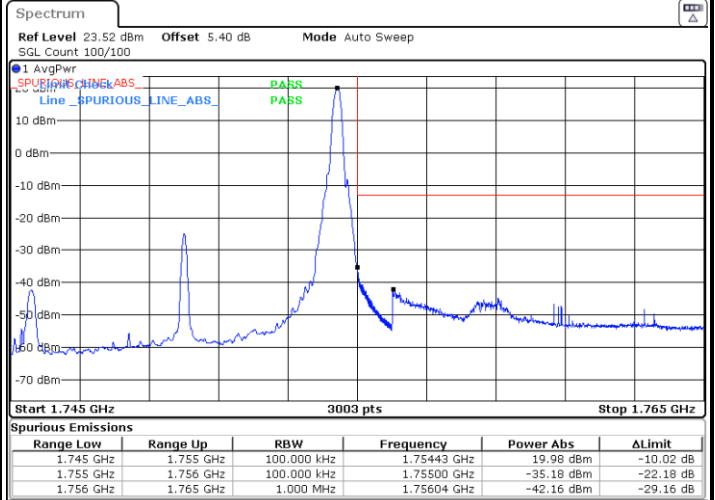
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



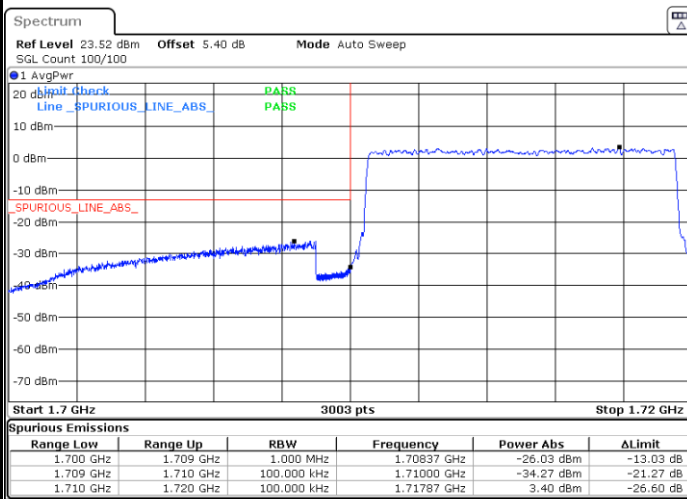
Date: 3.MAR.2022 15:33:35

Highest Band Edge / 1 RB



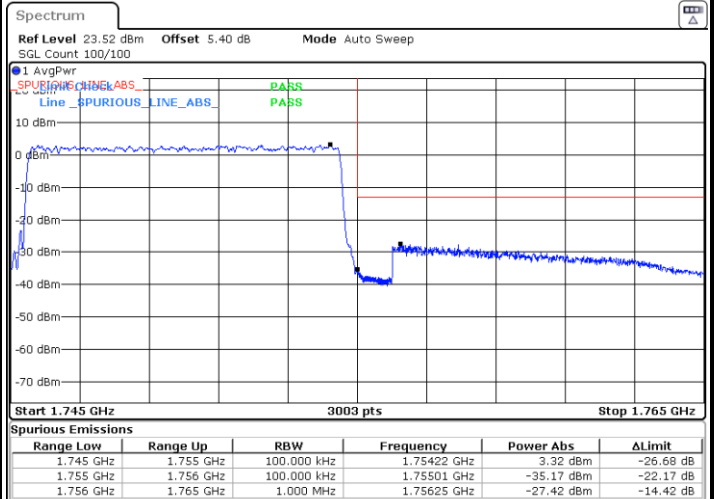
Date: 3.MAR.2022 15:41:07

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:33:05

Highest Band Edge / Full RB

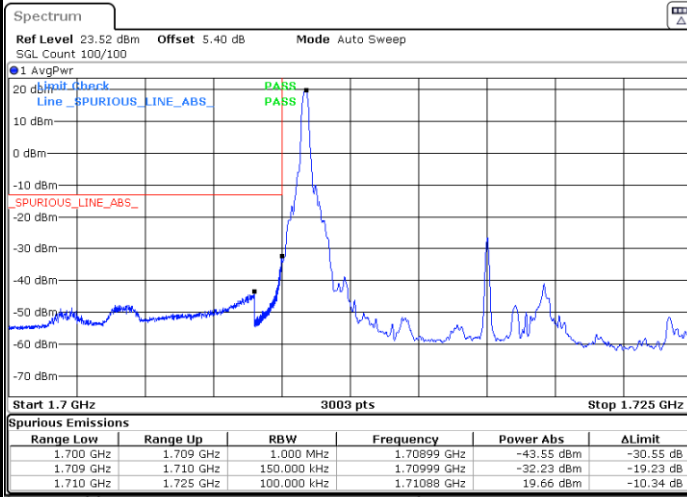


Date: 3.MAR.2022 15:41:38



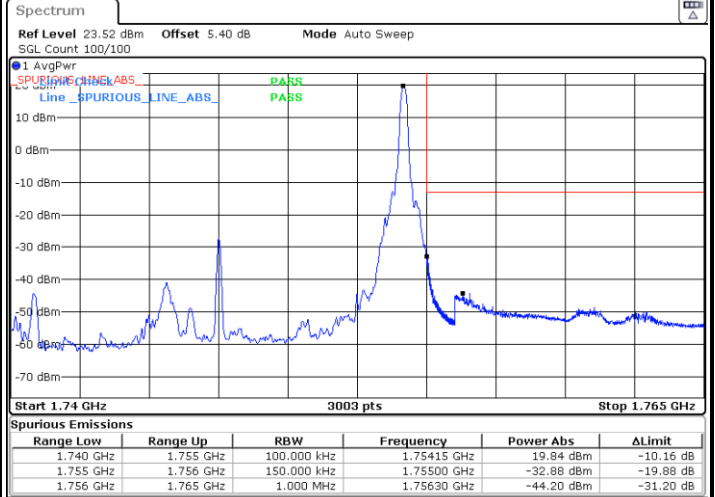
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



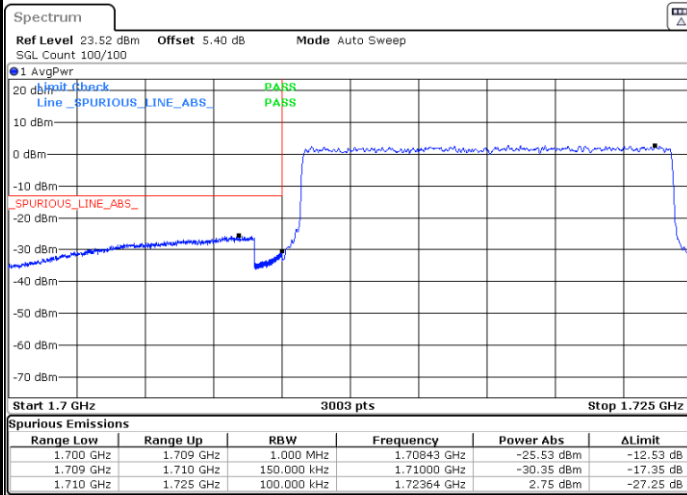
Date: 3.MAR.2022 15:45:26

Highest Band Edge / 1 RB



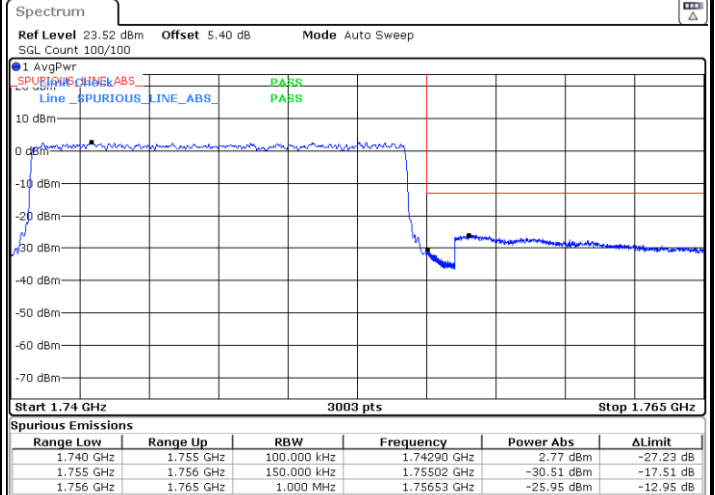
Date: 3.MAR.2022 15:50:10

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:43:04

Highest Band Edge / Full RB

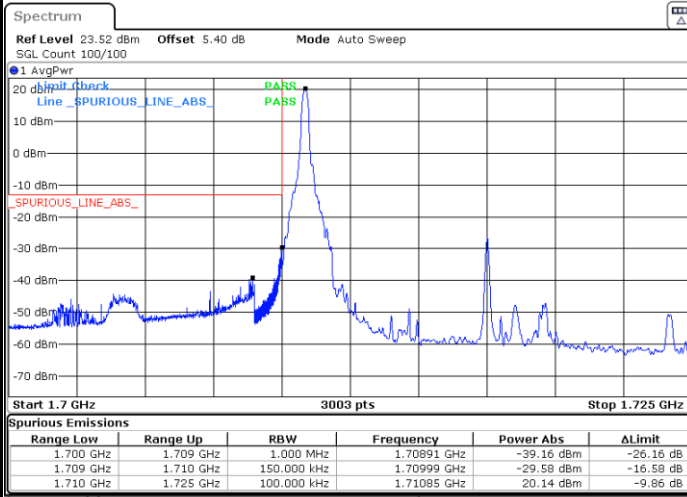


Date: 3.MAR.2022 15:52:23



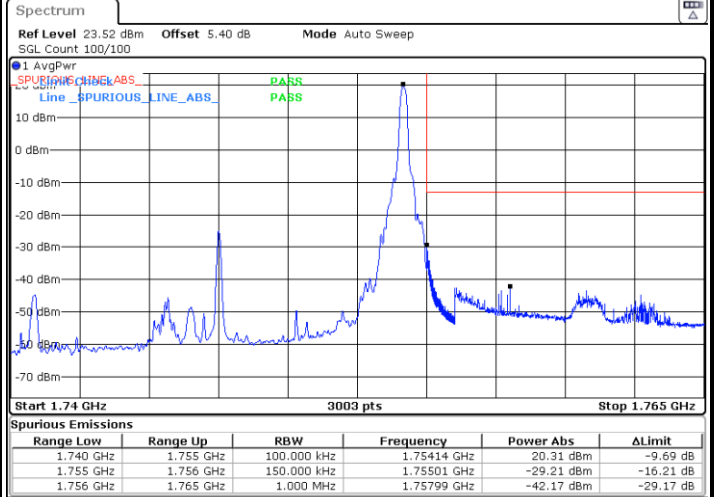
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



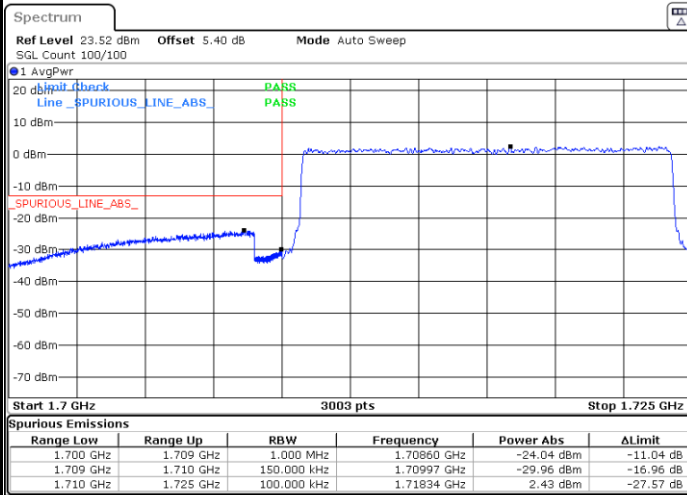
Date: 3.MAR.2022 15:44:47

Highest Band Edge / 1 RB



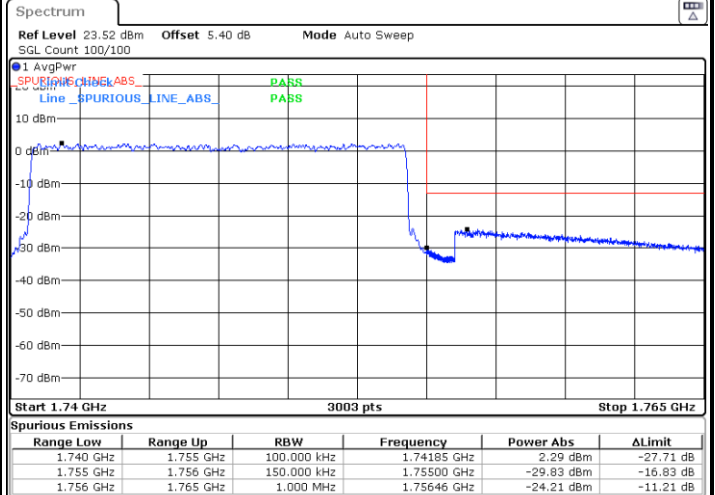
Date: 3.MAR.2022 15:50:37

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:43:28

Highest Band Edge / Full RB

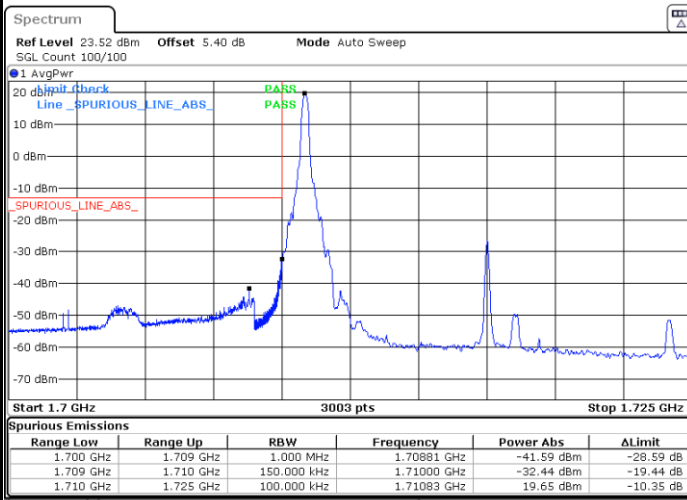


Date: 3.MAR.2022 15:51:58



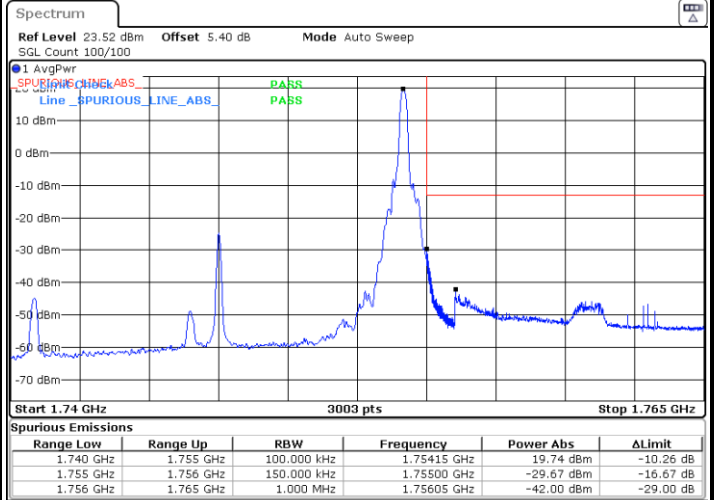
LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



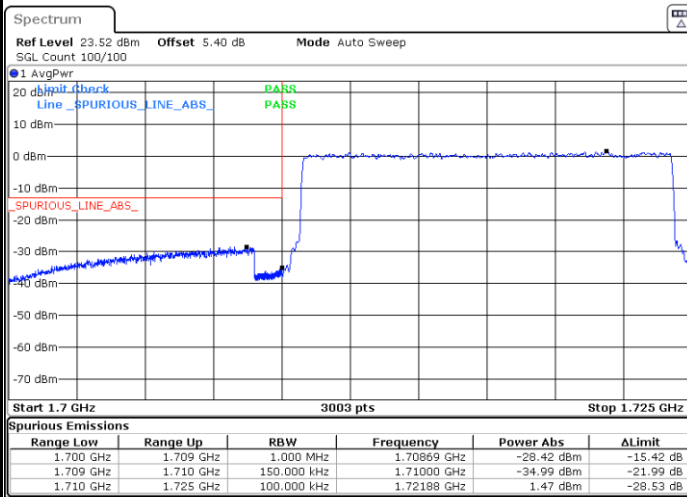
Date: 3.MAR.2022 15:44:20

Highest Band Edge / 1 RB



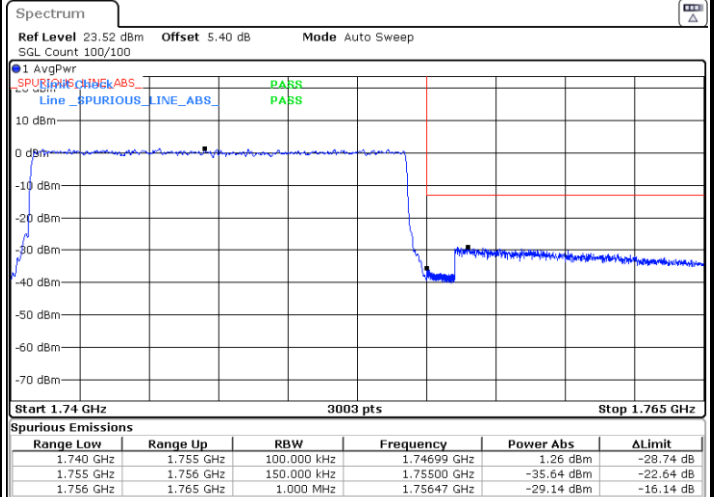
Date: 3.MAR.2022 15:51:02

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:43:55

Highest Band Edge / Full RB

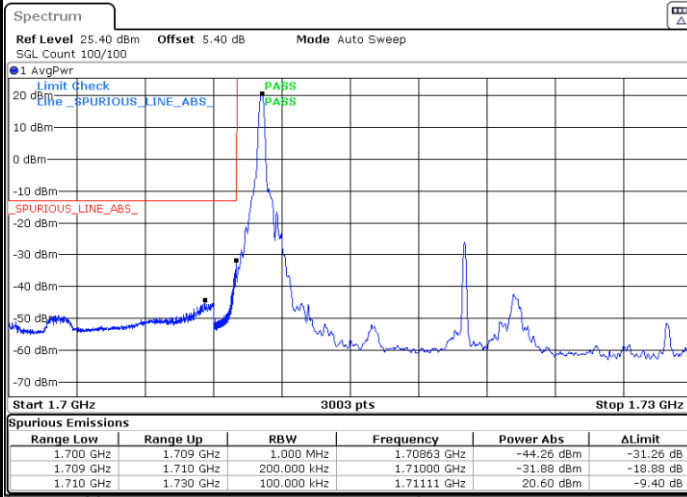


Date: 3.MAR.2022 15:51:30



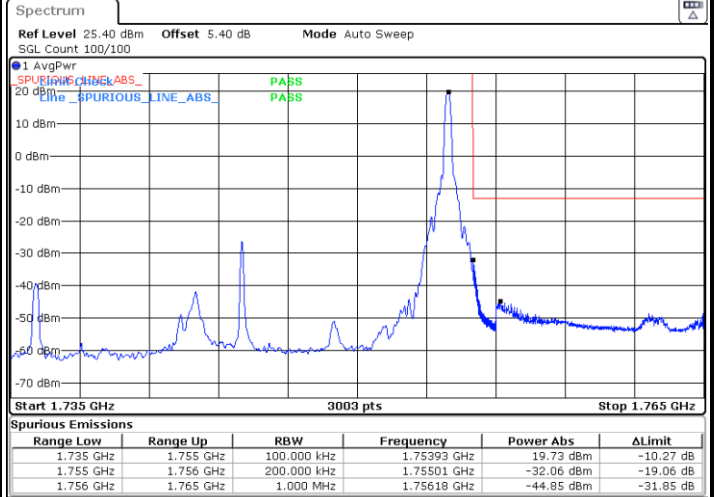
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



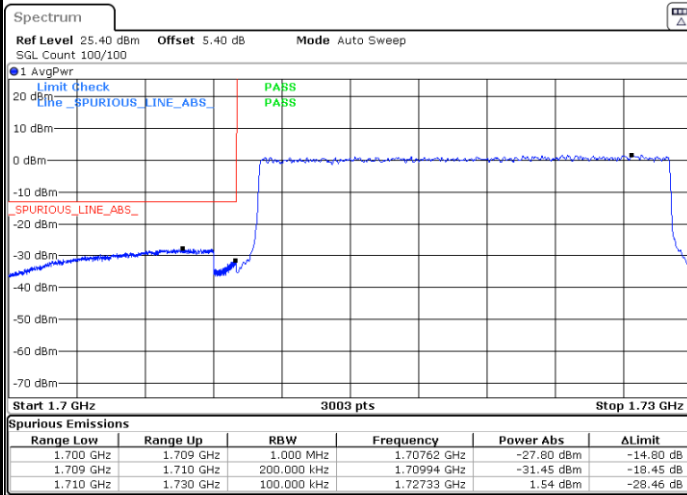
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Highest Band Edge / 1 RB



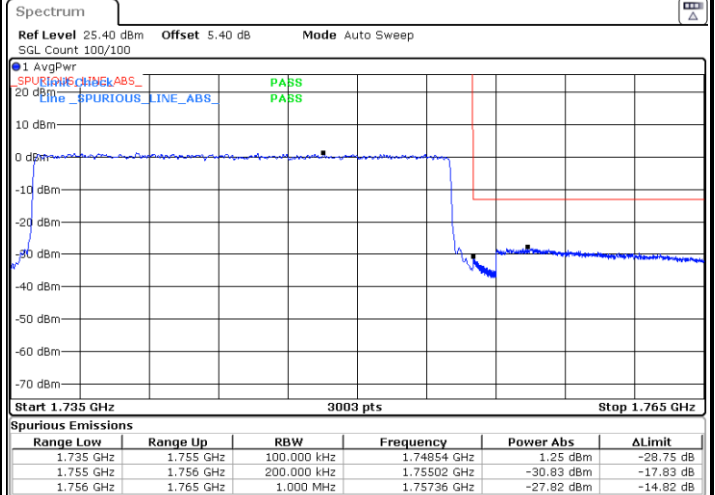
Date: 3.MAR.2022 16:00:01

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:53:04

Highest Band Edge / Full RB

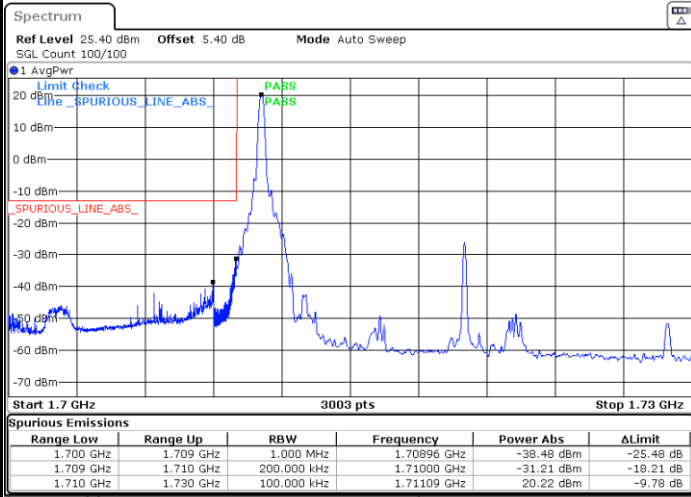


Date: 3.MAR.2022 16:02:12



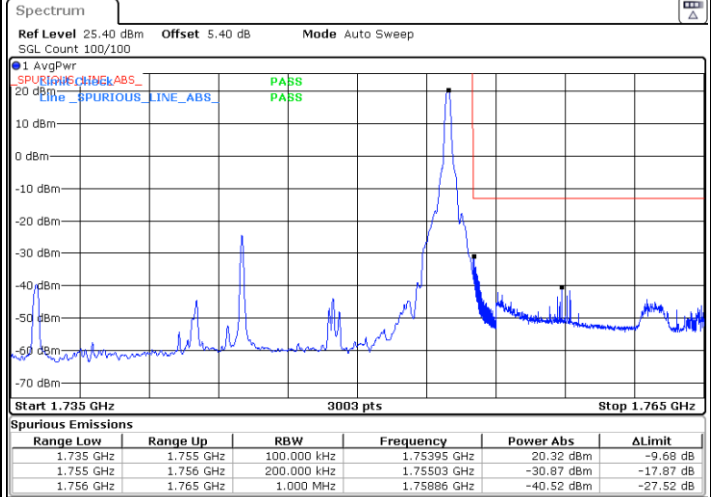
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



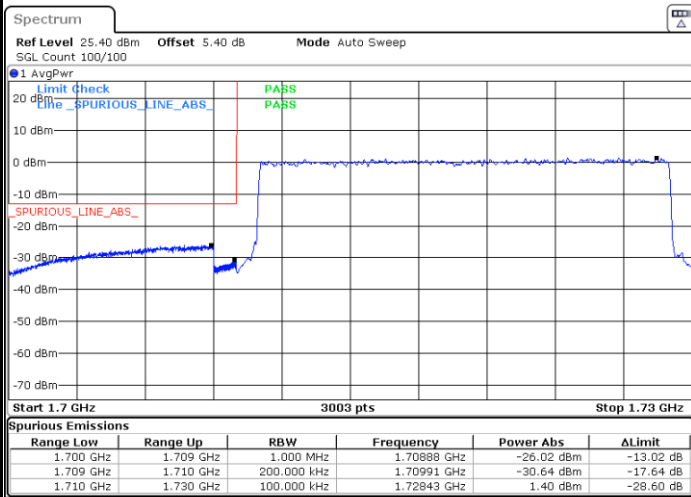
Date: 3.MAR.2022 15:54:50

Highest Band Edge / 1 RB



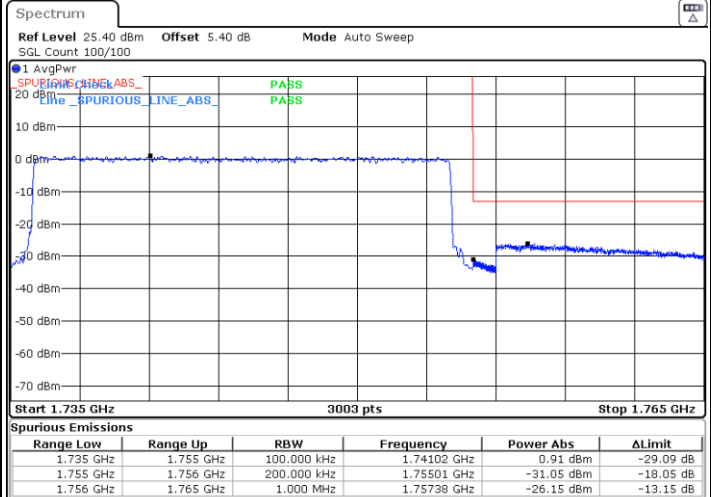
Date: 3.MAR.2022 16:00:26

Lowest Band Edge / Full RB



Date: 3.MAR.2022 15:53:30

Highest Band Edge / Full RB

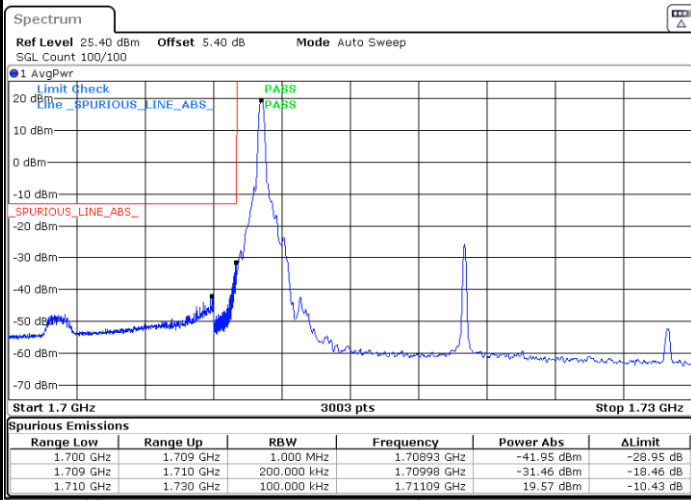


Date: 3.MAR.2022 16:01:48



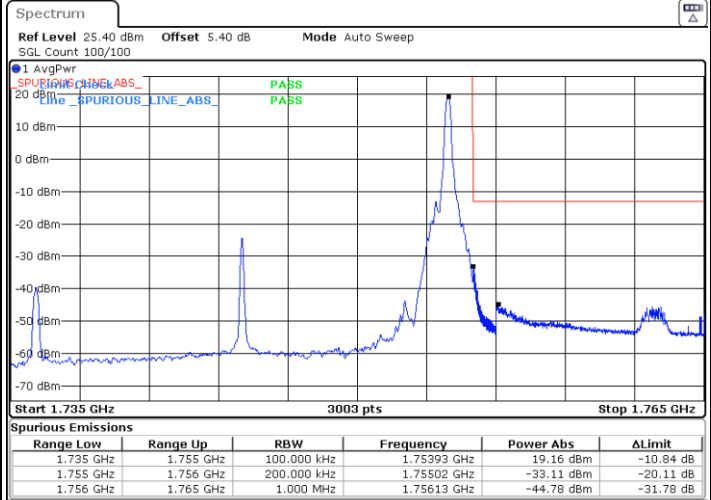
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



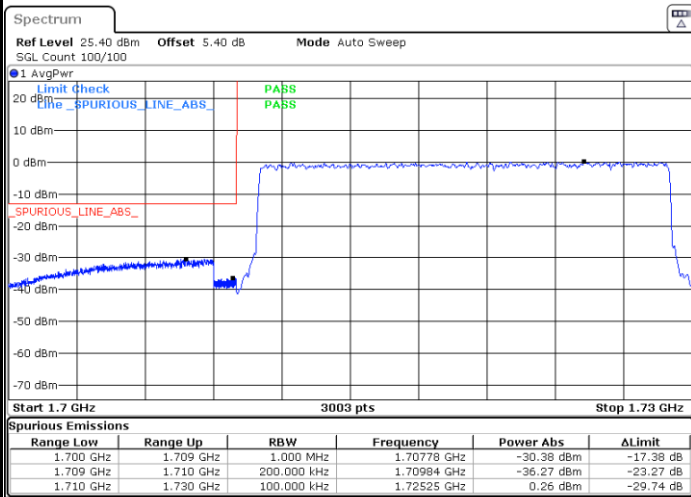
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Highest Band Edge / 1 RB



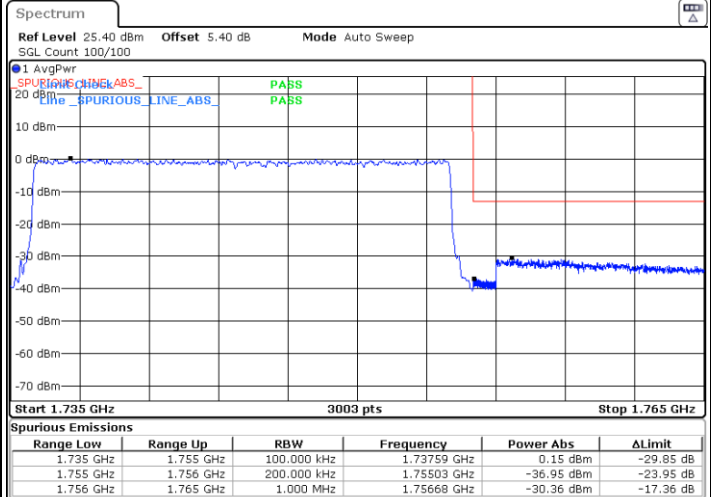
Date: 3 MAR 2022 16:00:55

Lowest Band Edge / Full RB



Date: 3 MAR 2022 15:53:56

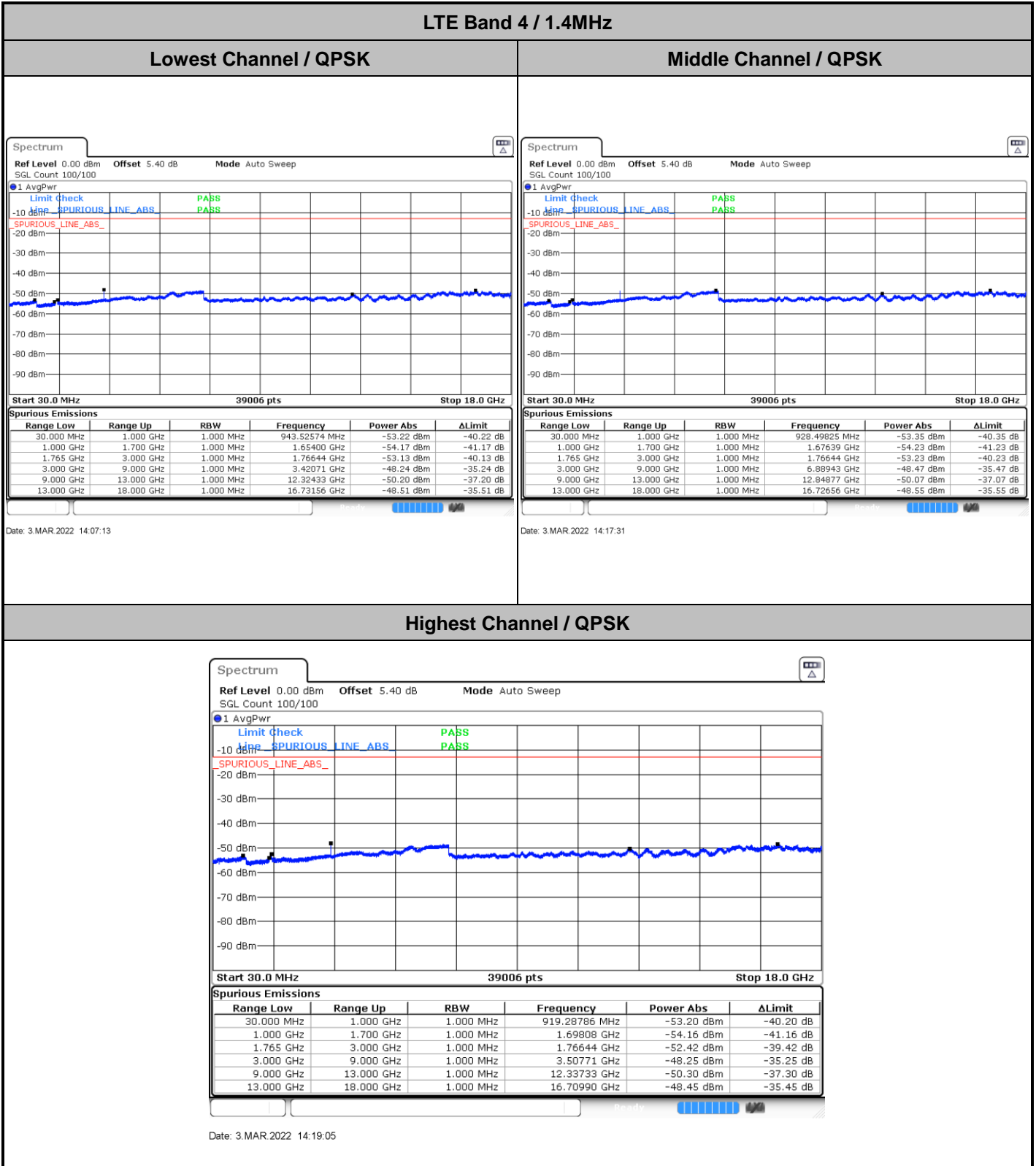
Highest Band Edge / Full RB



Date: 3 MAR 2022 16:01:23



Conducted Spurious Emission

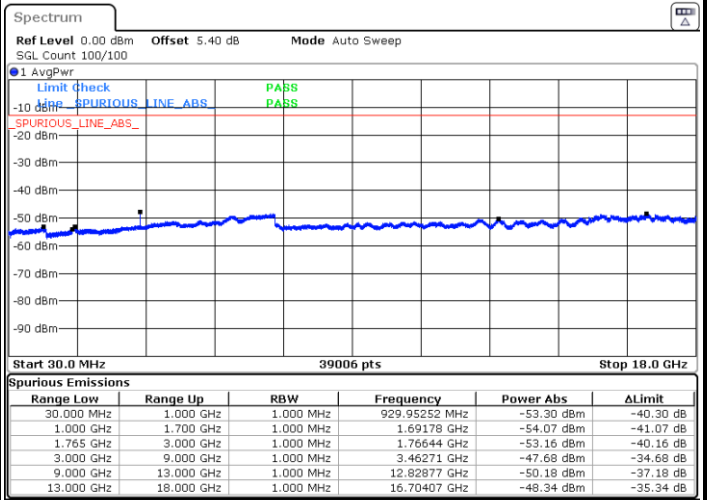
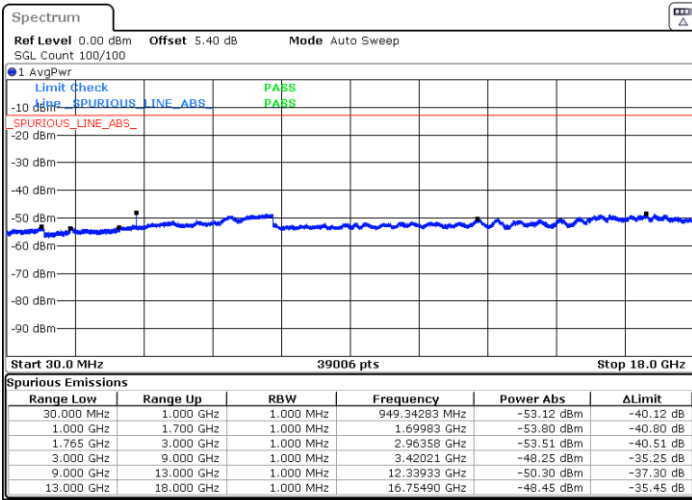




LTE Band 4 / 3MHz

Lowest Channel / QPSK

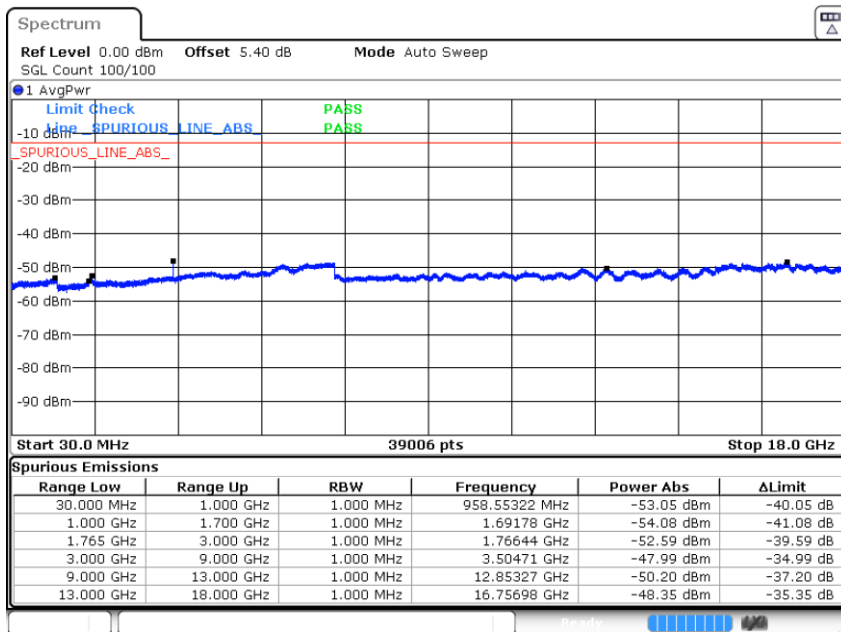
Middle Channel / QPSK



Date: 3.MAR.2022 15:02:21

Date: 3.MAR.2022 15:07:44

Highest Channel / QPSK



Date: 3.MAR.2022 15:09:04