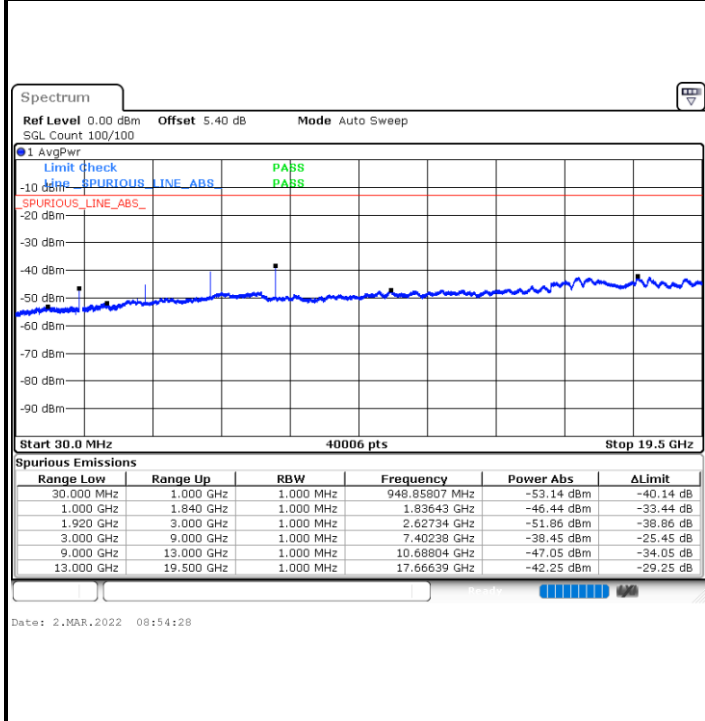


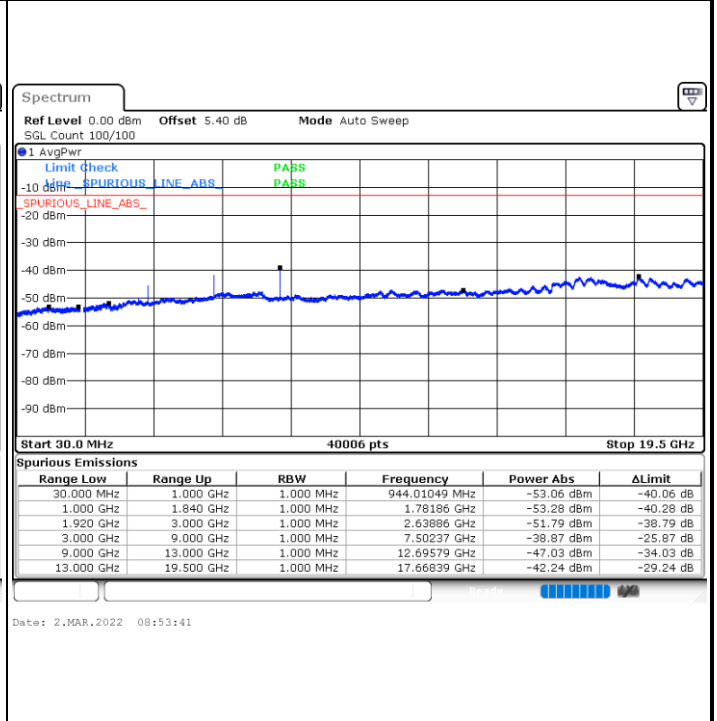


LTE Band 2 / 10MHz

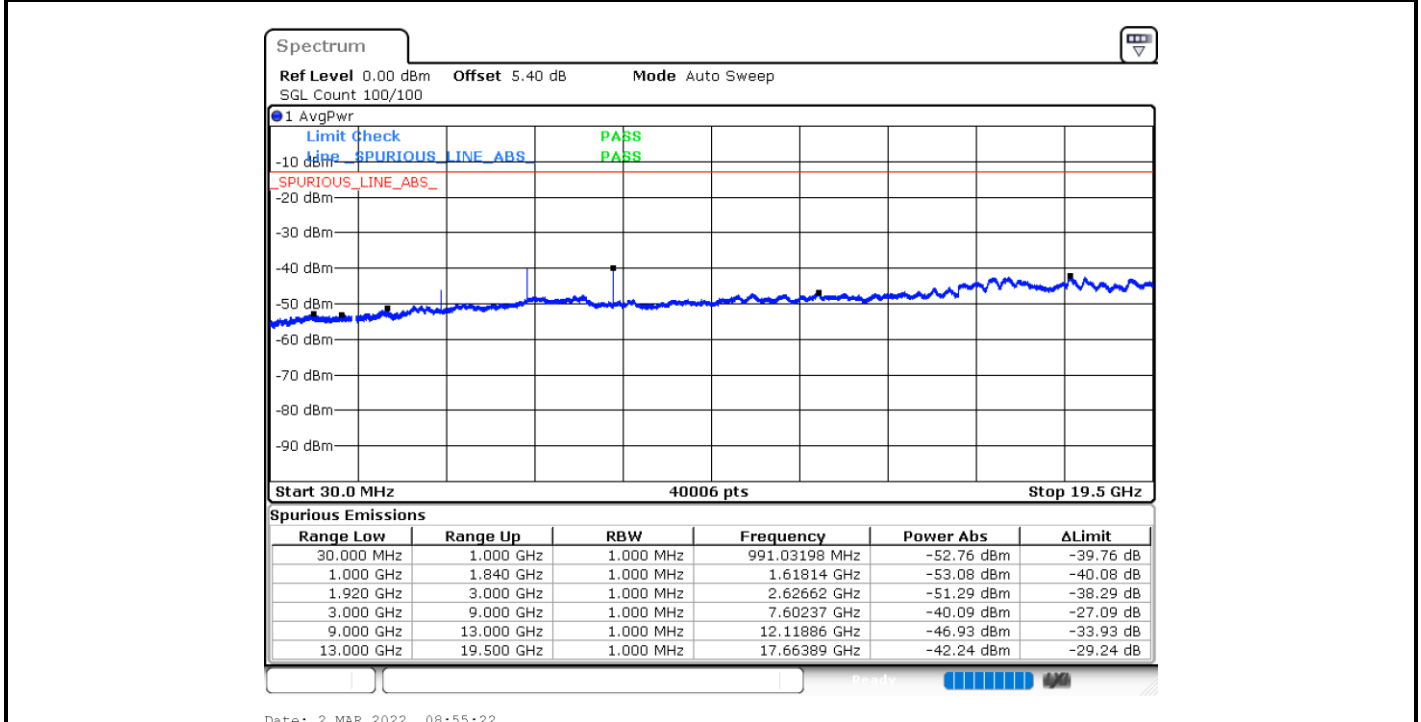
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

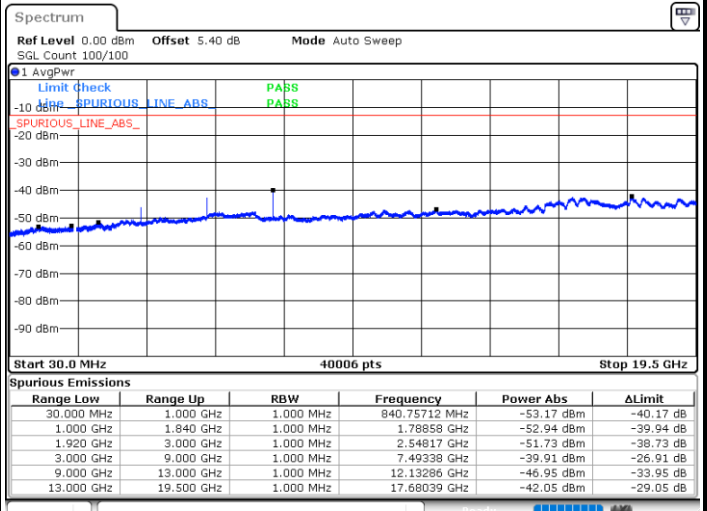
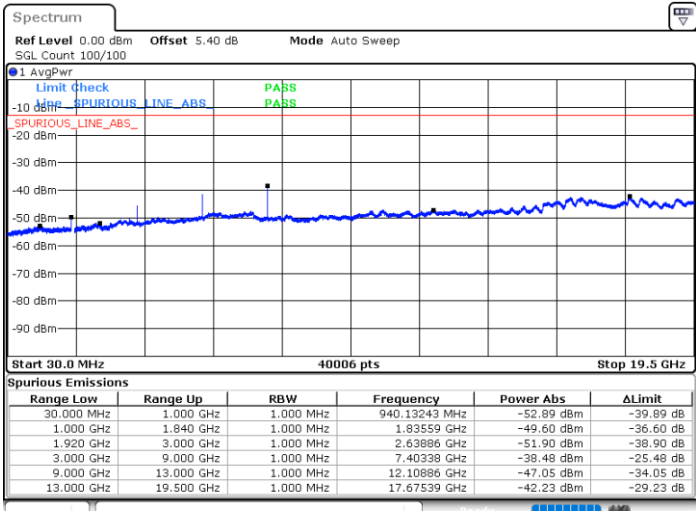




LTE Band 2 / 15MHz

Lowest Channel / QPSK

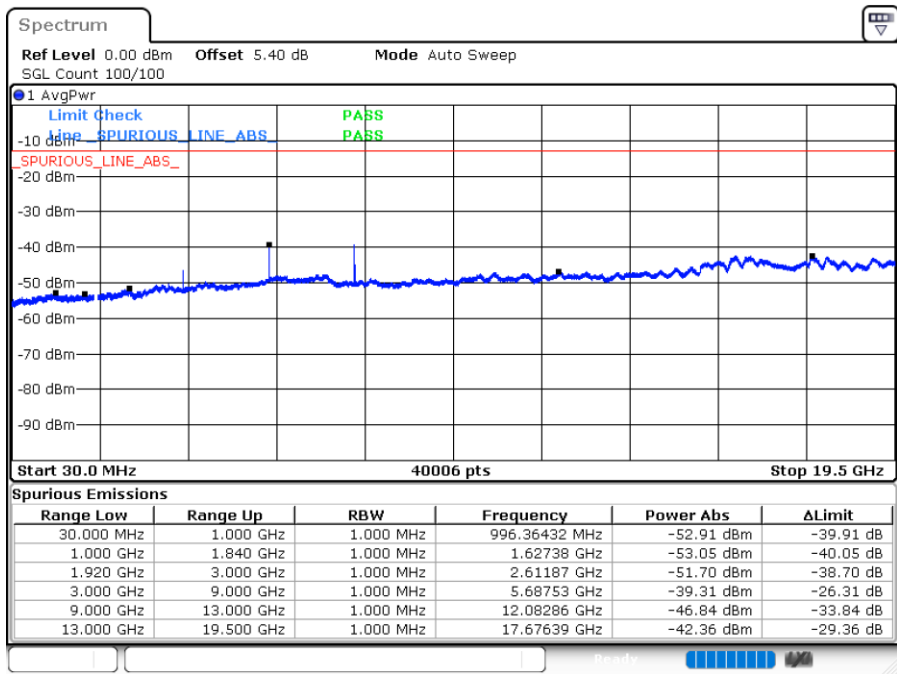
Middle Channel / QPSK



Date: 2.MAR.2022 09:00:43

Date: 2.MAR.2022 08:59:59

Highest Channel / QPSK



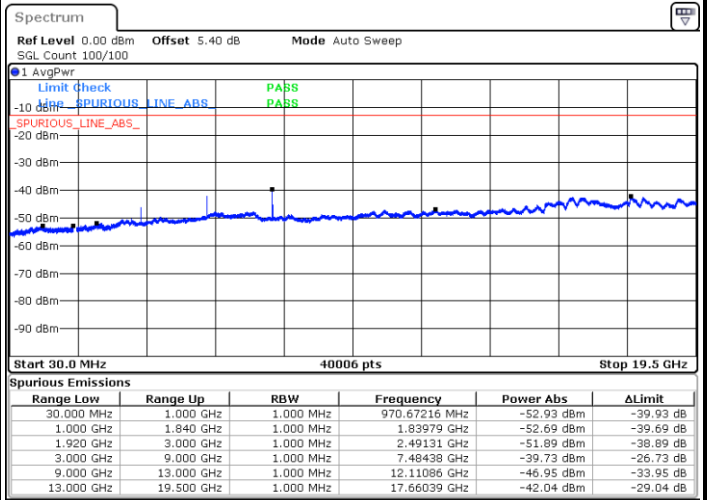
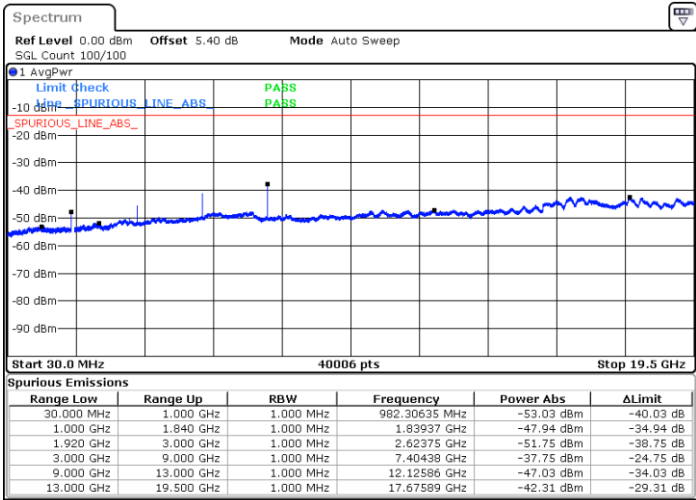
Date: 2.MAR.2022 09:03:10



LTE Band 2 / 20MHz

Lowest Channel / QPSK

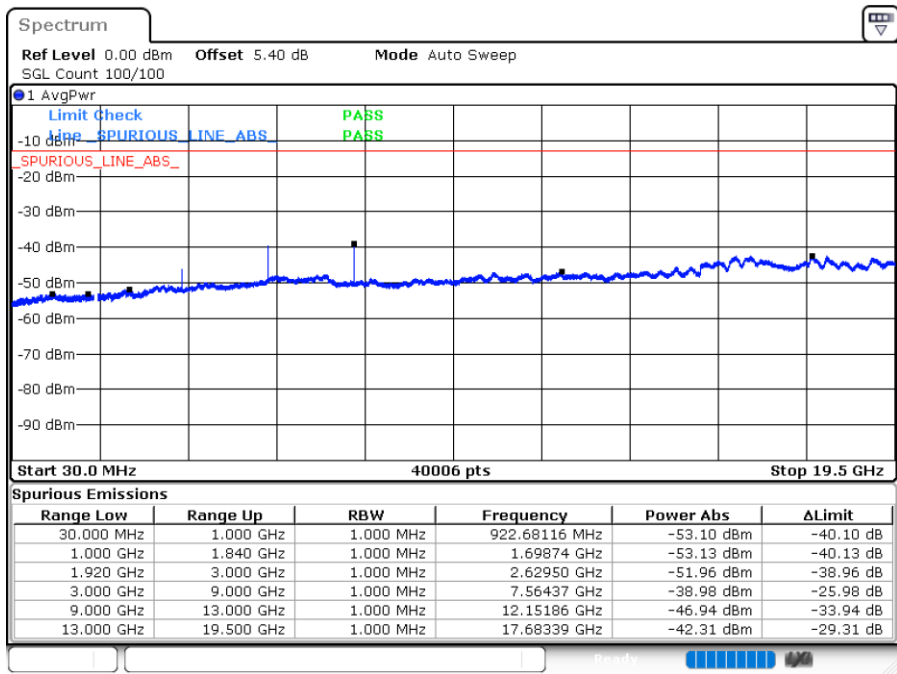
Middle Channel / QPSK



Date: 2.MAR.2022 09:06:47

Date: 2.MAR.2022 09:06:00

Highest Channel / QPSK



Date: 2.MAR.2022 09:10:42



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	0.0025	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0005	

Note:

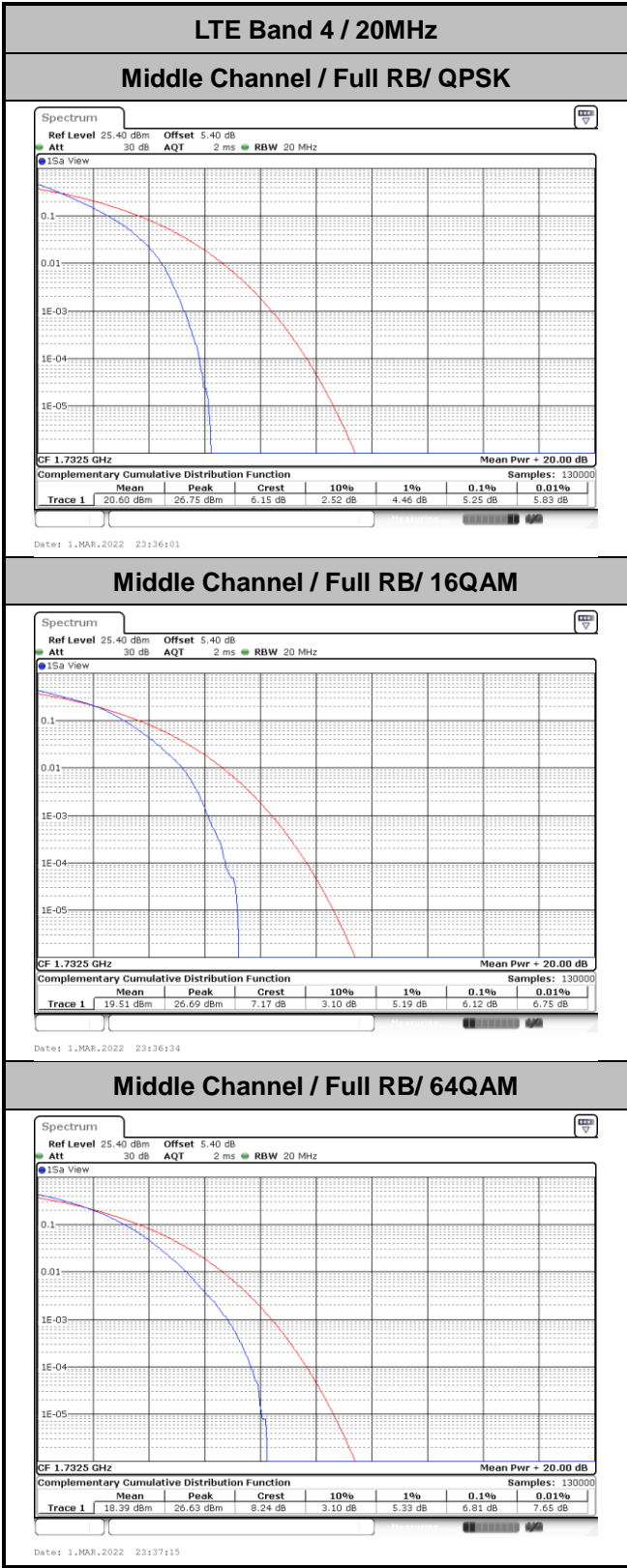
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 4

Peak-to-Average Ratio

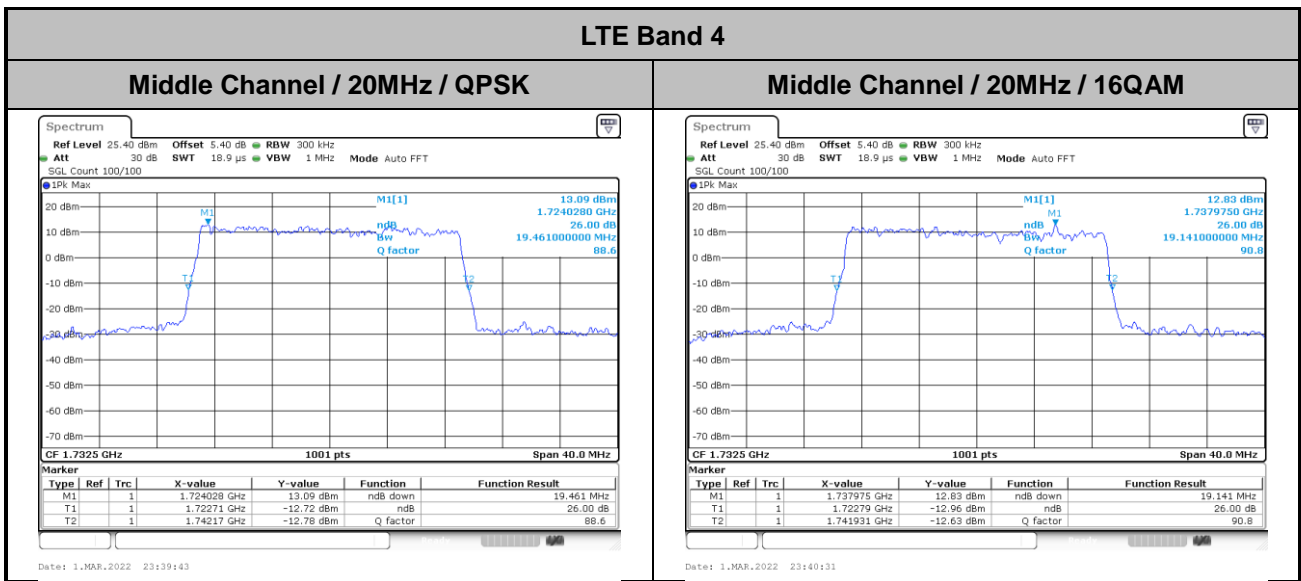
Mode	LTE Band 4 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.25	6.12	6.81	PASS





26dB Bandwidth

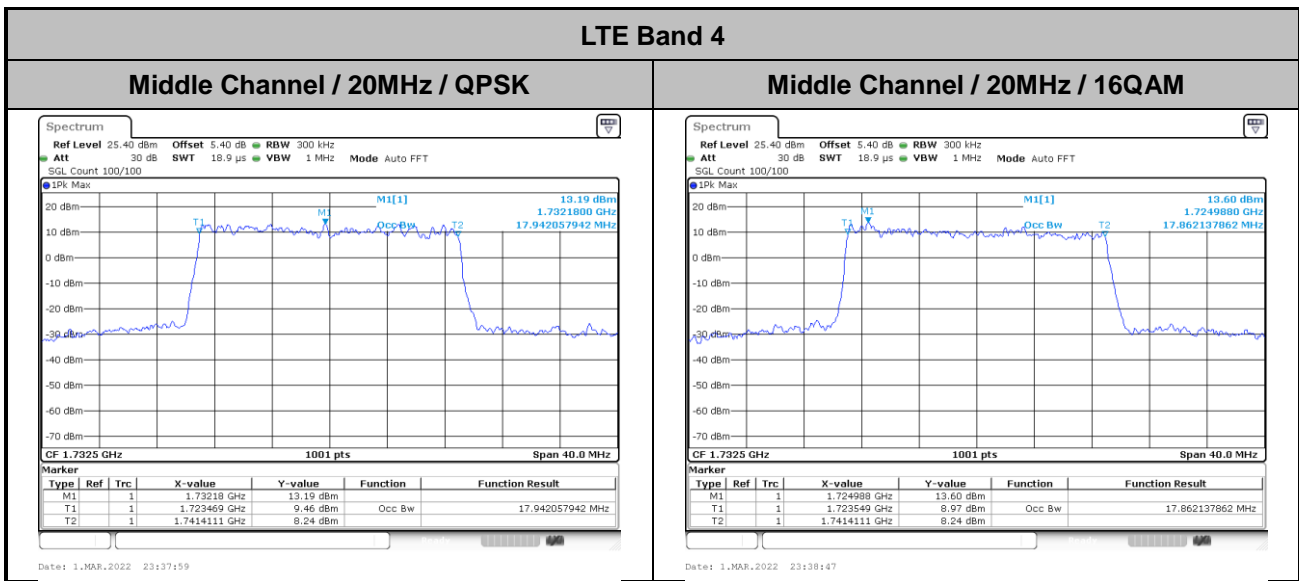
Mode	LTE Band 4 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.46	19.14





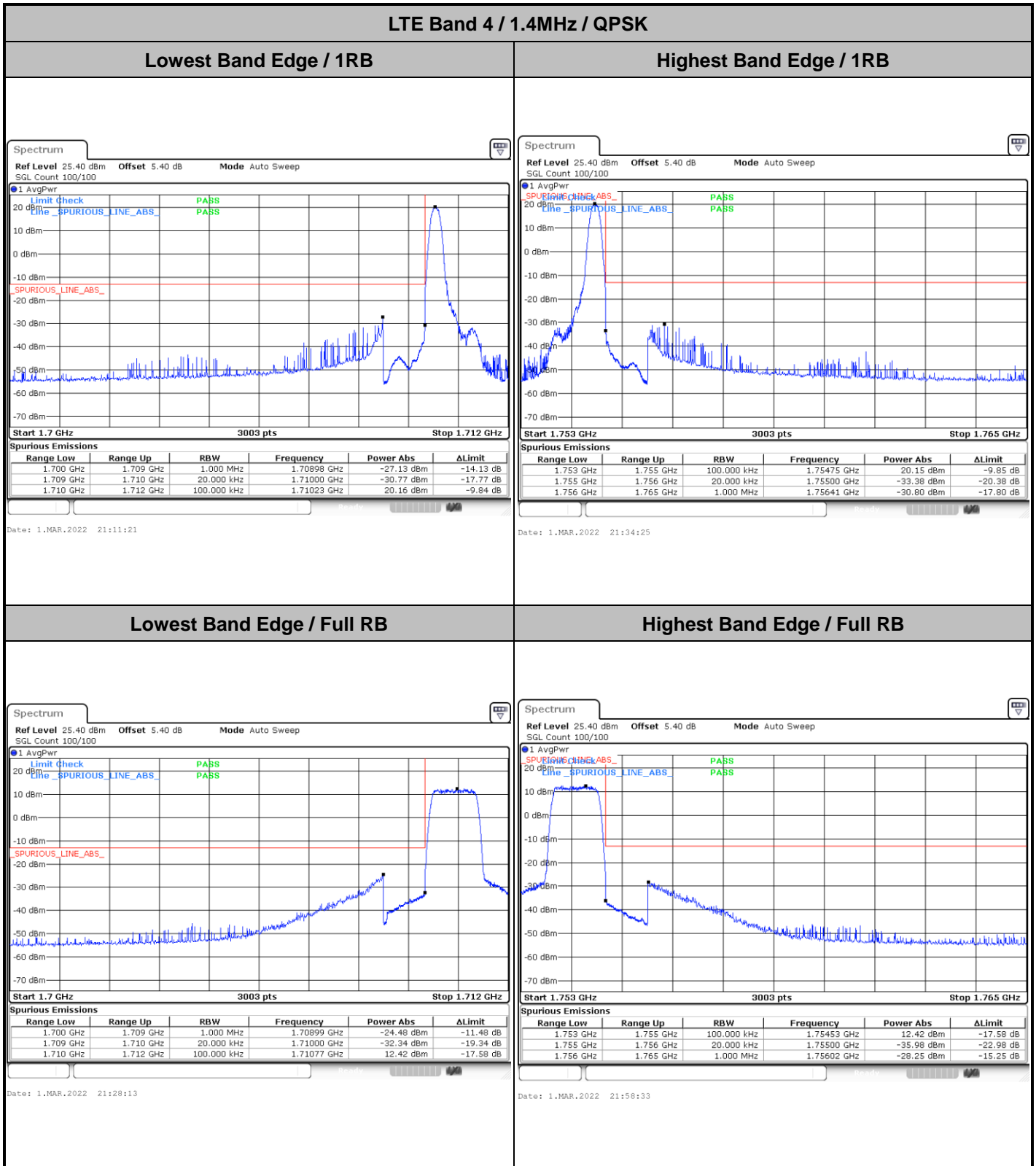
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.94	17.86





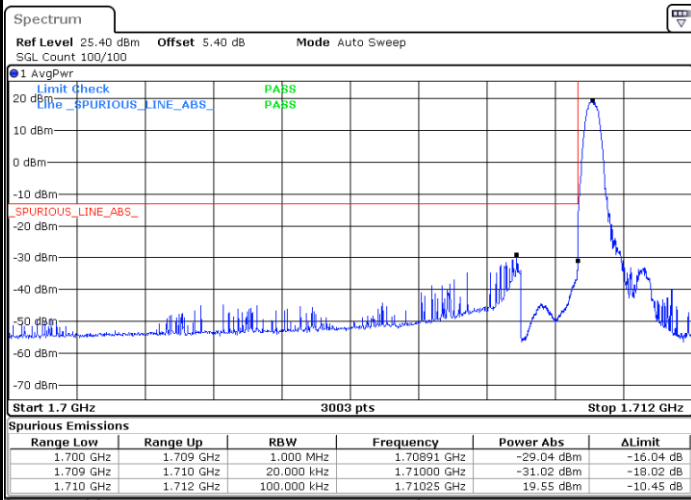
Conducted Band Edge





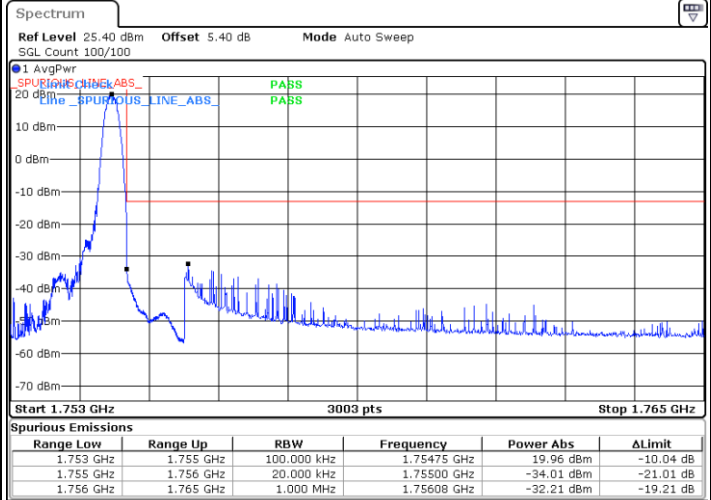
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



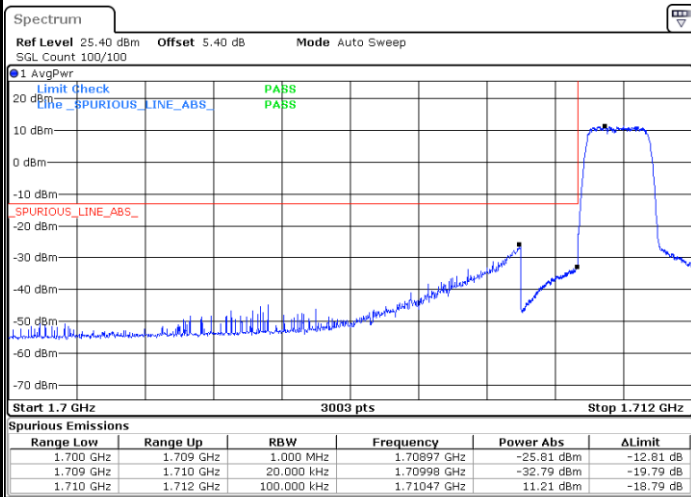
Date: 1.MAR.2022 21:15:40

Highest Band Edge / 1 RB



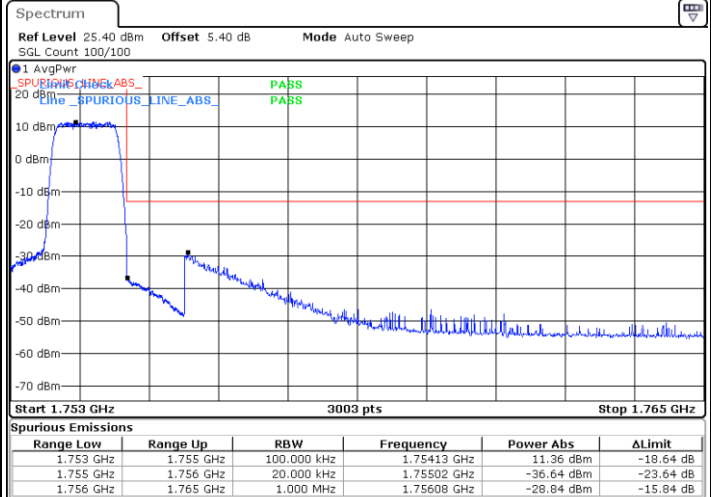
Date: 1.MAR.2022 21:35:58

Lowest Band Edge / Full RB



Date: 1.MAR.2022 21:26:38

Highest Band Edge / Full RB

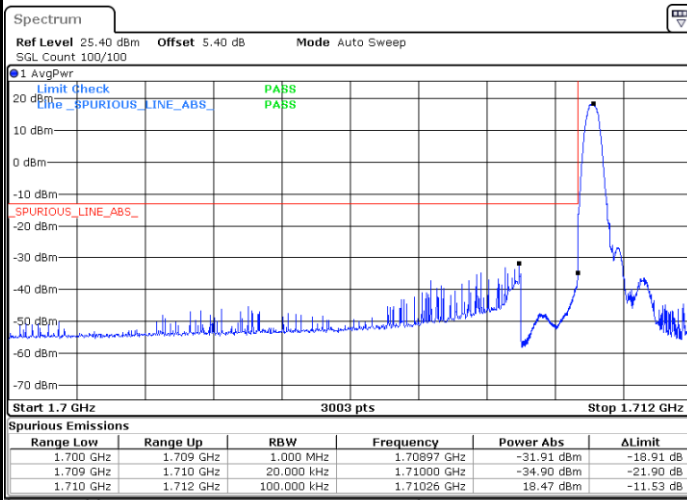


Date: 1.MAR.2022 21:57:02



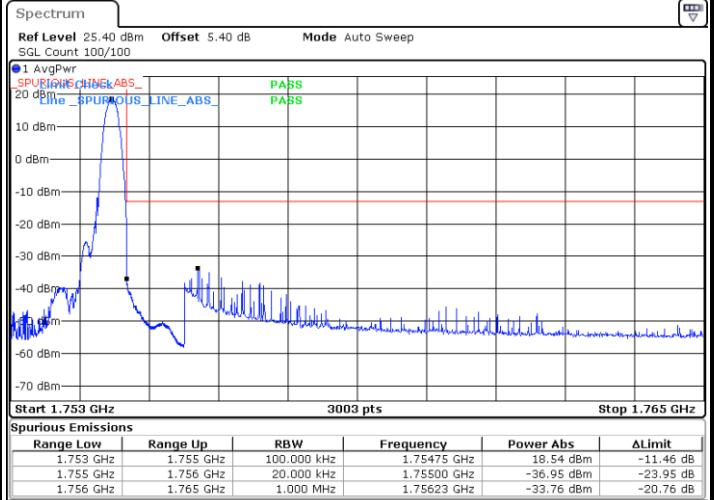
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



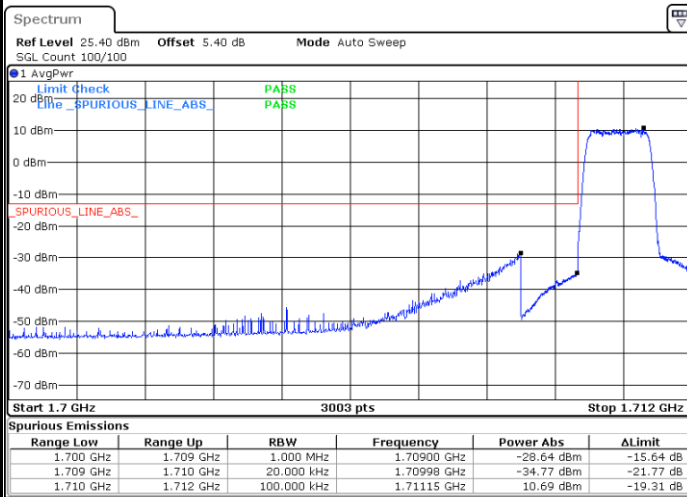
Date: 1.MAR.2022 21:21:51

Highest Band Edge / 1 RB



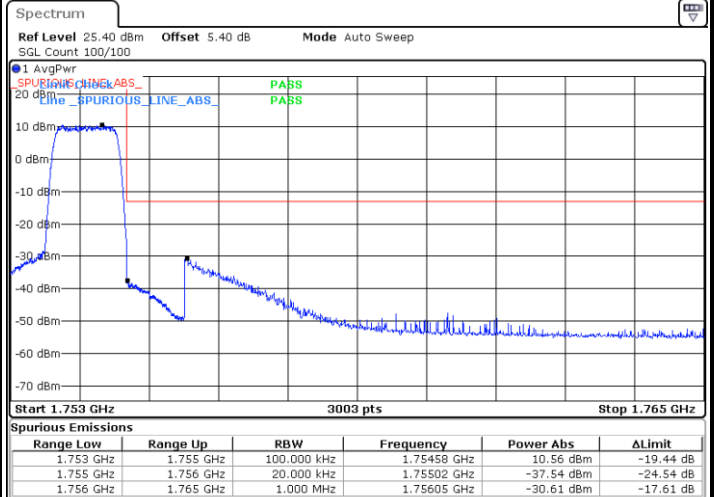
Date: 1.MAR.2022 21:37:48

Lowest Band Edge / Full RB



Date: 1.MAR.2022 21:23:52

Highest Band Edge / Full RB

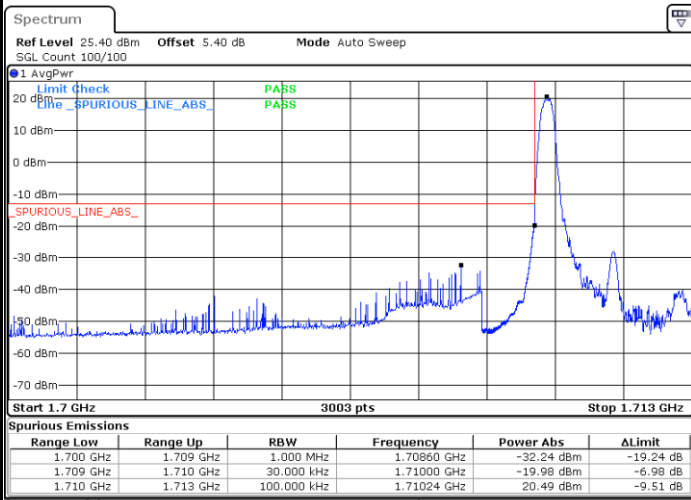


Date: 1.MAR.2022 21:55:16



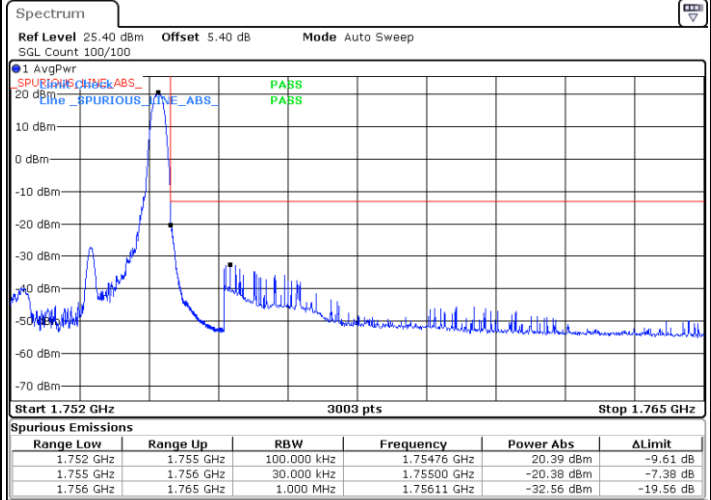
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



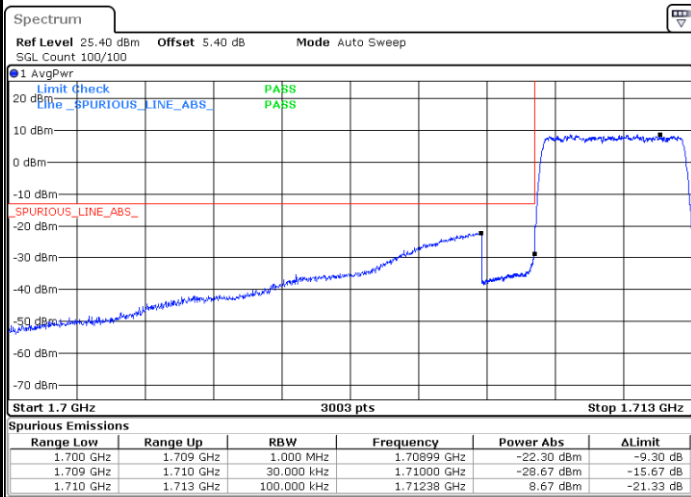
Date: 1.MAR.2022 22:02:22

Highest Band Edge / 1 RB



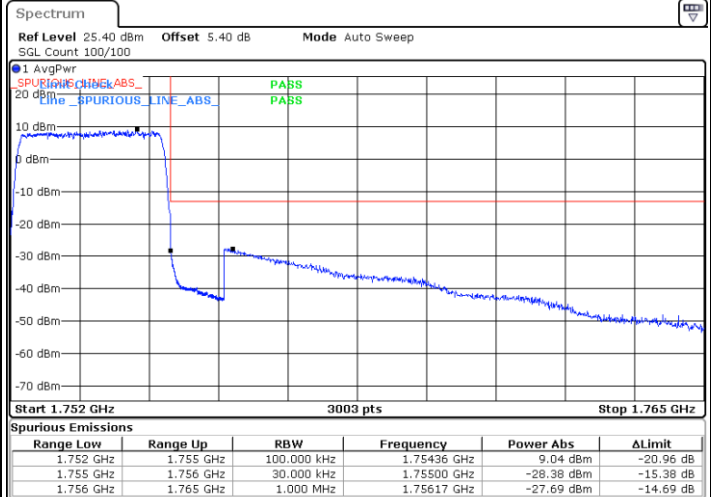
Date: 1.MAR.2022 22:14:18

Lowest Band Edge / Full RB



Date: 1.MAR.2022 22:08:25

Highest Band Edge / Full RB

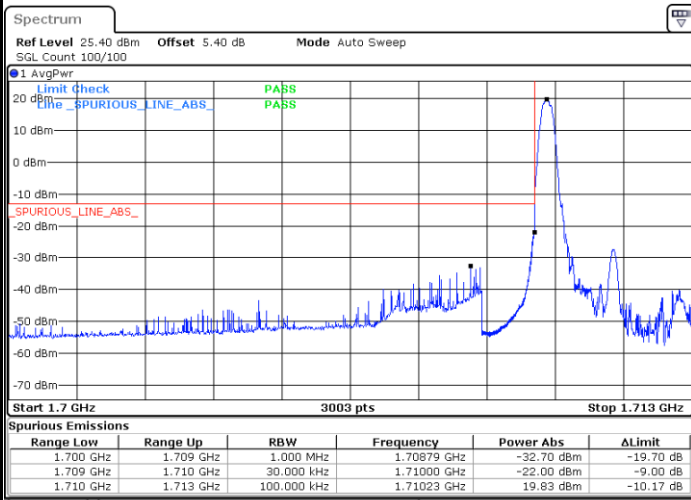


Date: 1.MAR.2022 22:20:17



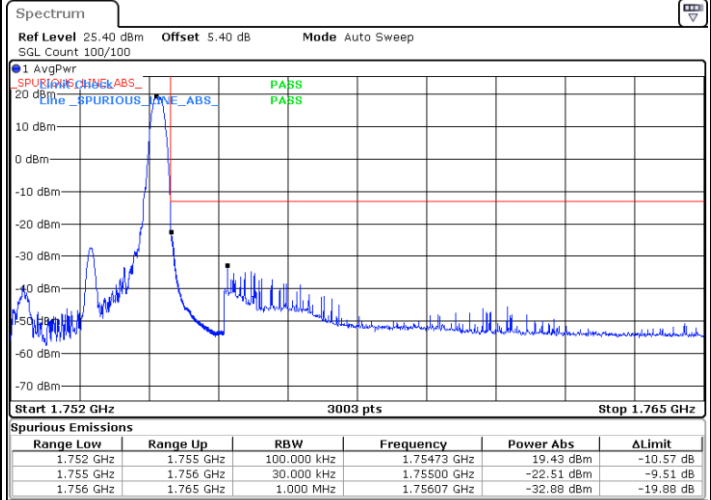
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



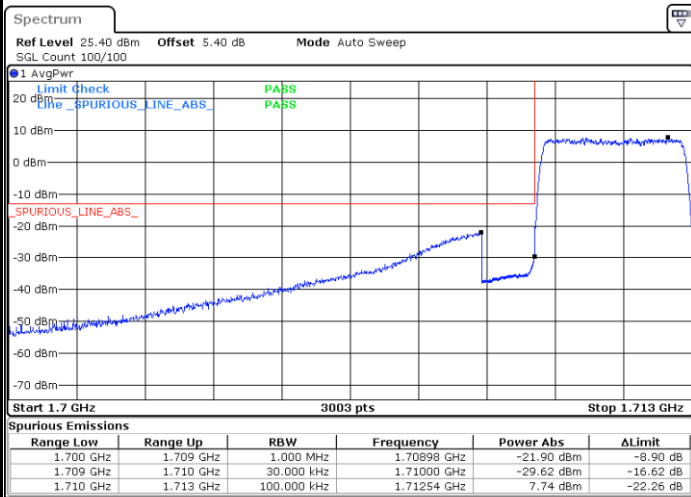
Date: 1.MAR.2022 22:03:31

Highest Band Edge / 1 RB



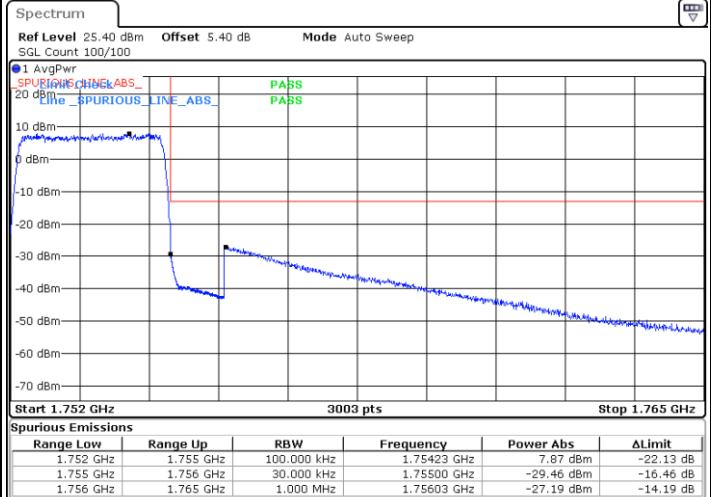
Date: 1.MAR.2022 22:15:32

Lowest Band Edge / Full RB



Date: 1.MAR.2022 22:07:16

Highest Band Edge / Full RB

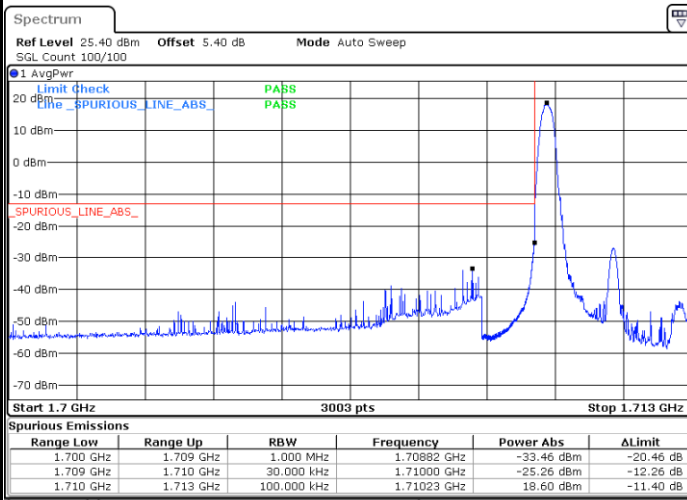


Date: 1.MAR.2022 22:19:16

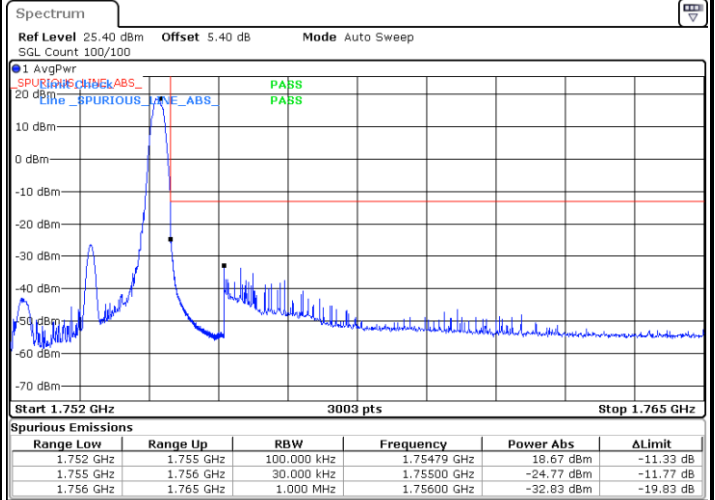


LTE Band 4 / 3MHz / 64QAM

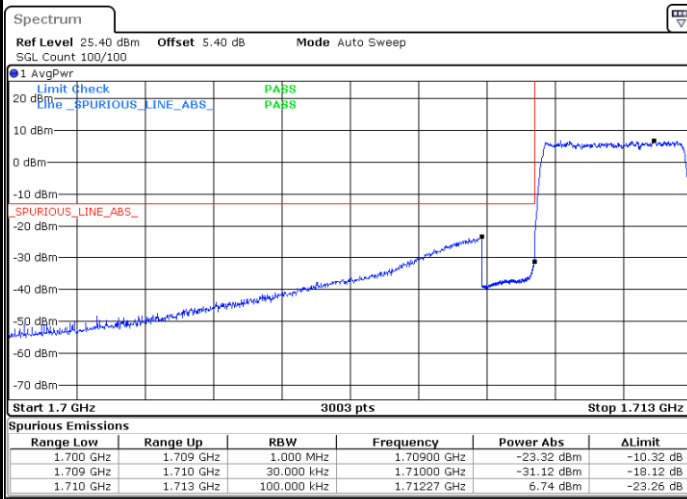
Lowest Band Edge / 1 RB



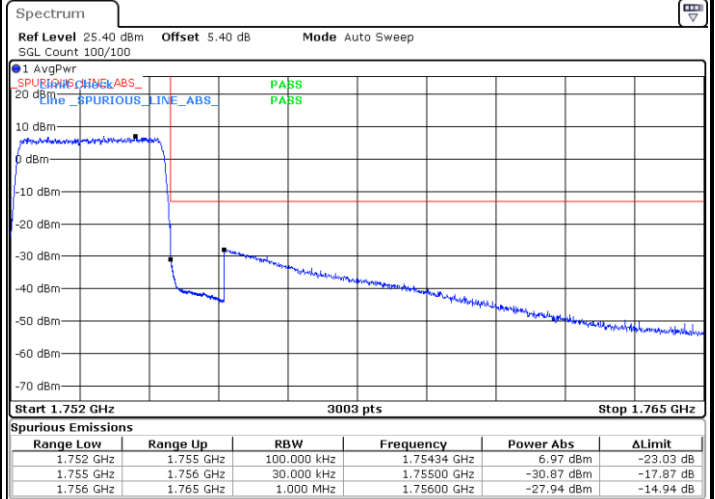
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



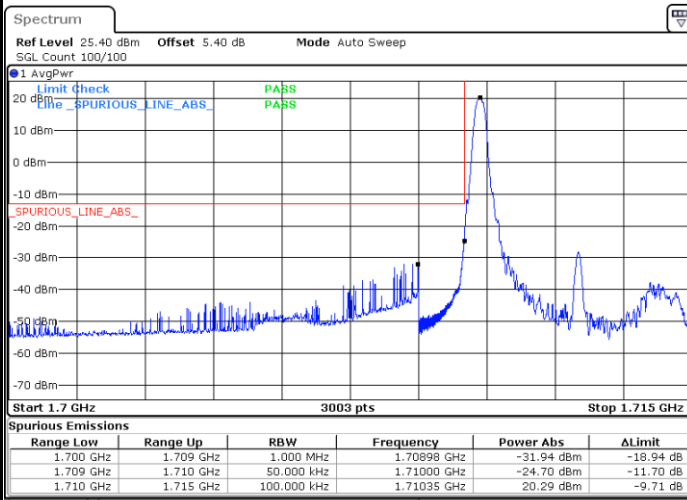
Highest Band Edge / Full RB





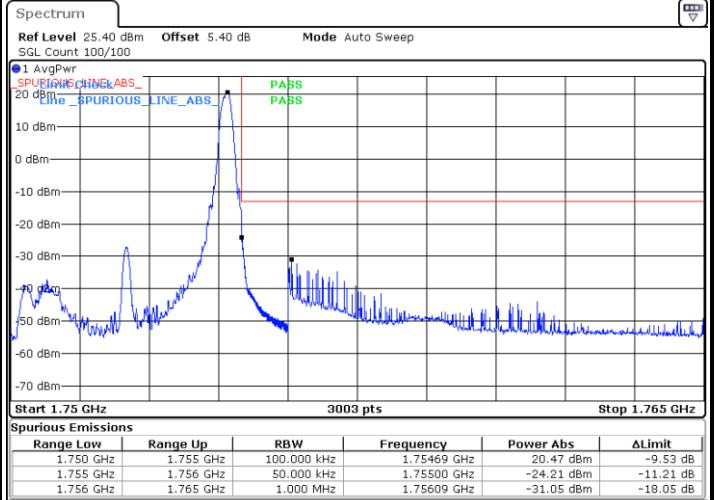
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



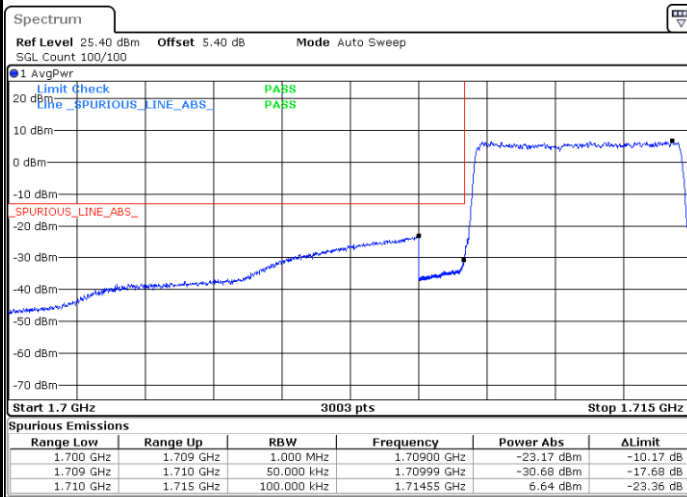
Date: 1.MAR.2022 22:24:00

Highest Band Edge / 1 RB



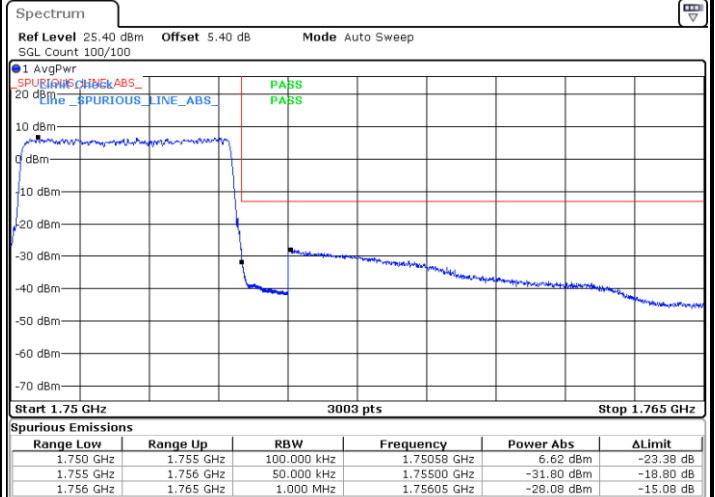
Date: 1.MAR.2022 22:34:02

Lowest Band Edge / Full RB



Date: 1.MAR.2022 22:28:19

Highest Band Edge / Full RB

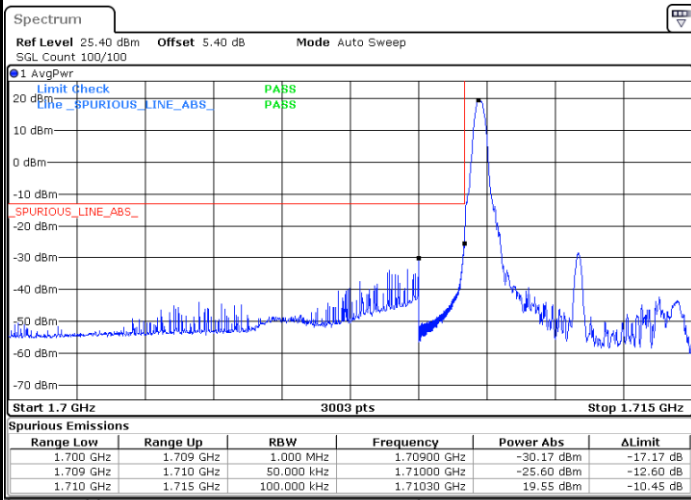


Date: 1.MAR.2022 22:38:35



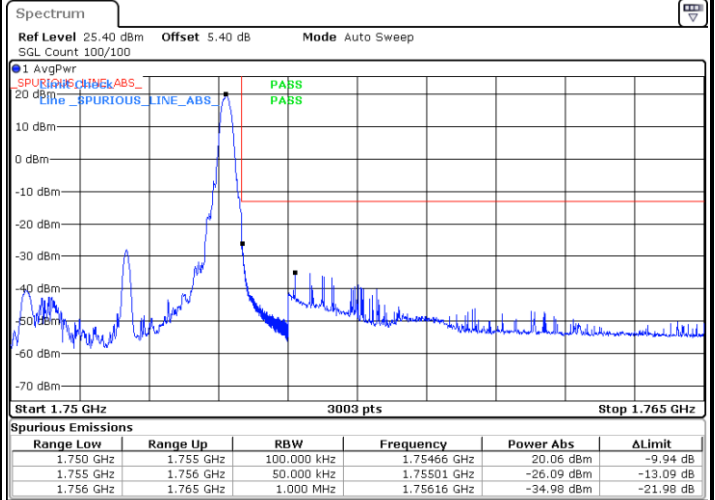
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



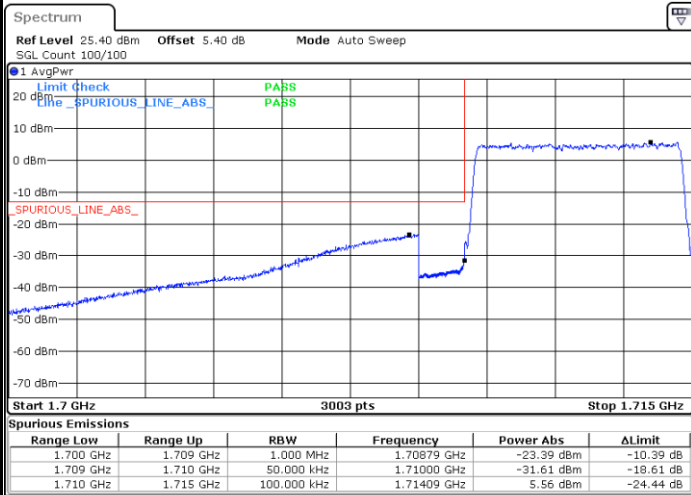
Date: 1.MAR.2022 22:24:50

Highest Band Edge / 1 RB



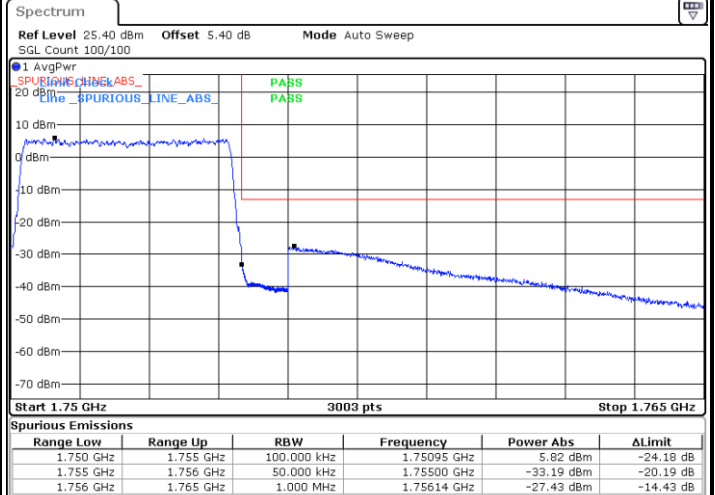
Date: 1.MAR.2022 22:34:54

Lowest Band Edge / Full RB



Date: 1.MAR.2022 22:27:28

Highest Band Edge / Full RB

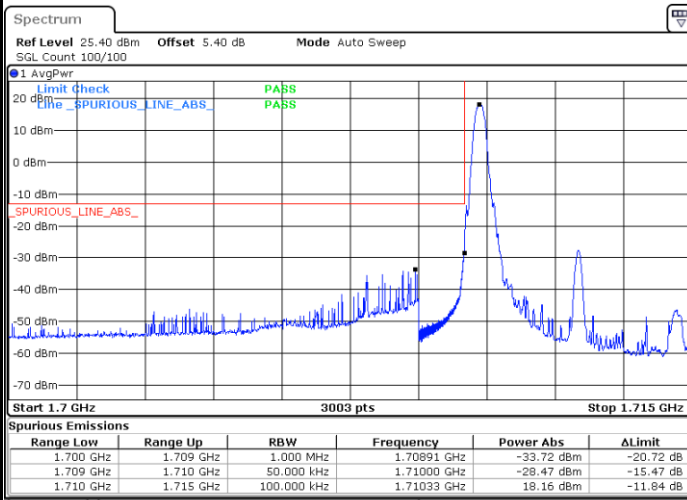


Date: 1.MAR.2022 22:37:45



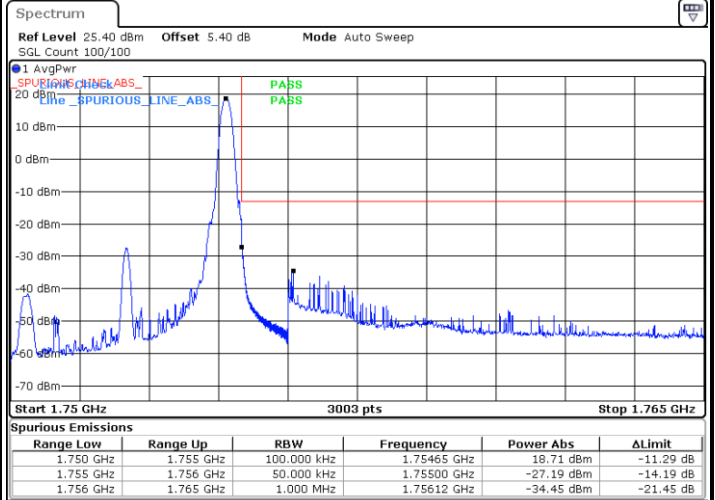
LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / 1RB



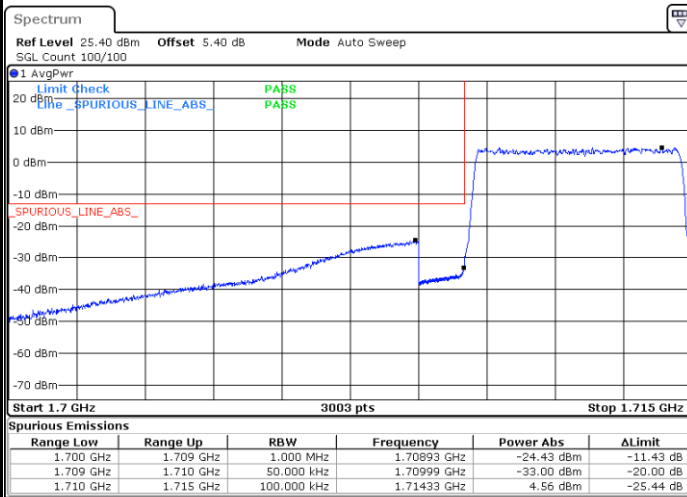
Date: 1.MAR.2022 22:25:36

Highest Band Edge / 1 RB



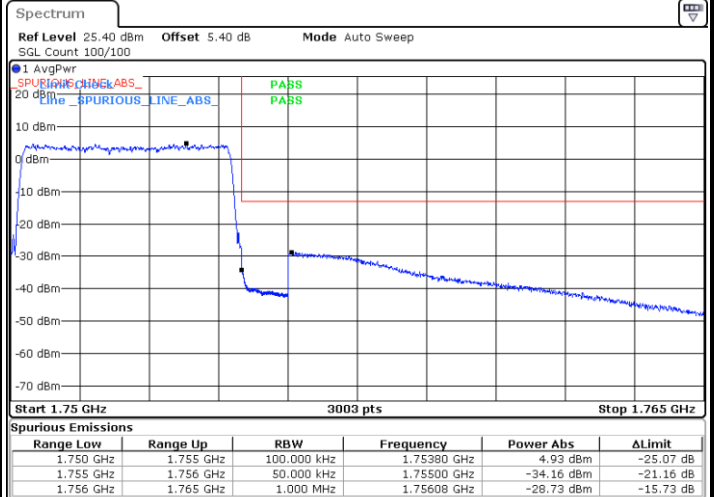
Date: 1.MAR.2022 22:35:51

Lowest Band Edge / Full RB



Date: 1.MAR.2022 22:26:35

Highest Band Edge / Full RB

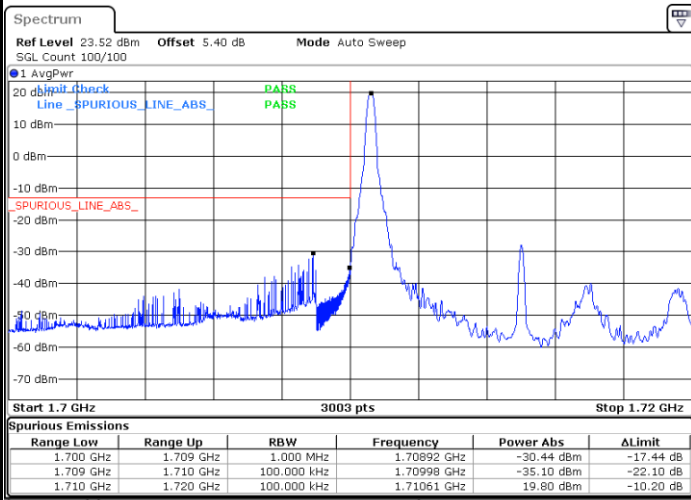


Date: 1.MAR.2022 22:36:52



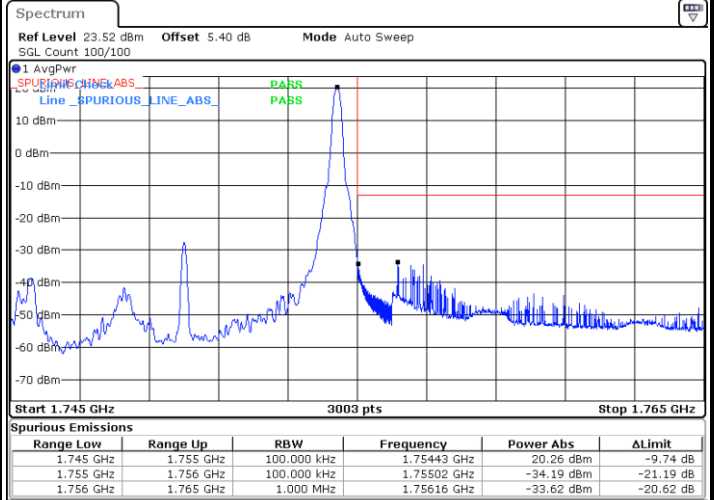
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



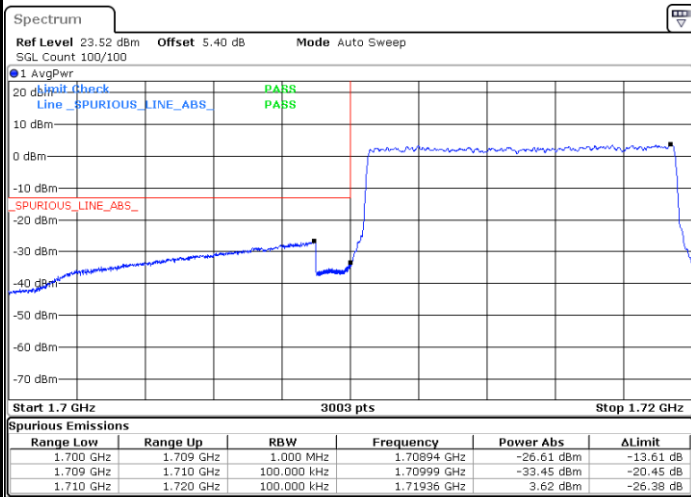
Date: 1.MAR.2022 22:42:06

Highest Band Edge / 1 RB



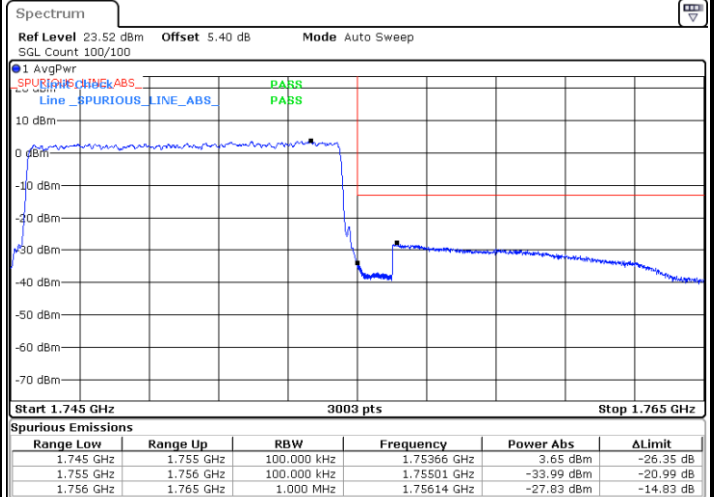
Date: 1.MAR.2022 22:51:09

Lowest Band Edge / Full RB



Date: 1.MAR.2022 22:46:04

Highest Band Edge / Full RB

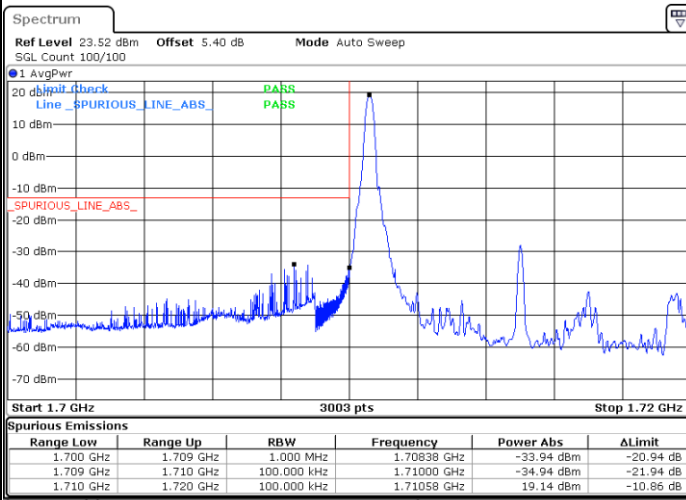


Date: 1.MAR.2022 22:55:19



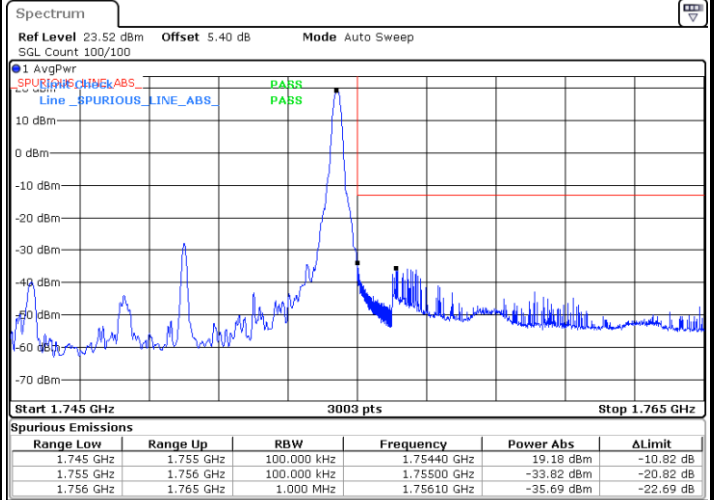
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



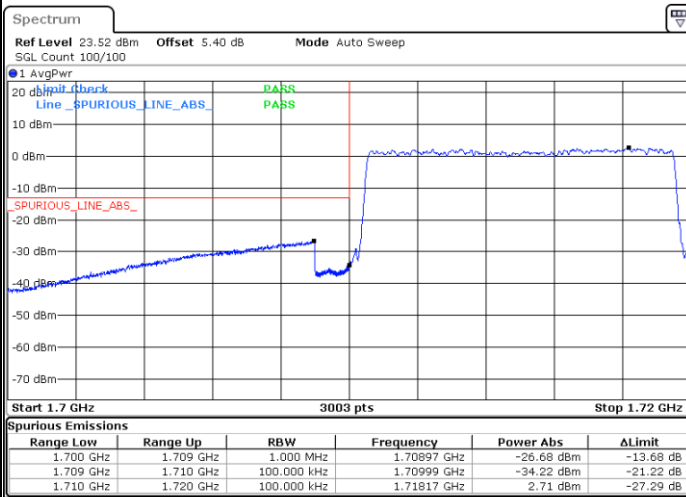
Date: 1.MAR.2022 22:43:03

Highest Band Edge / 1 RB



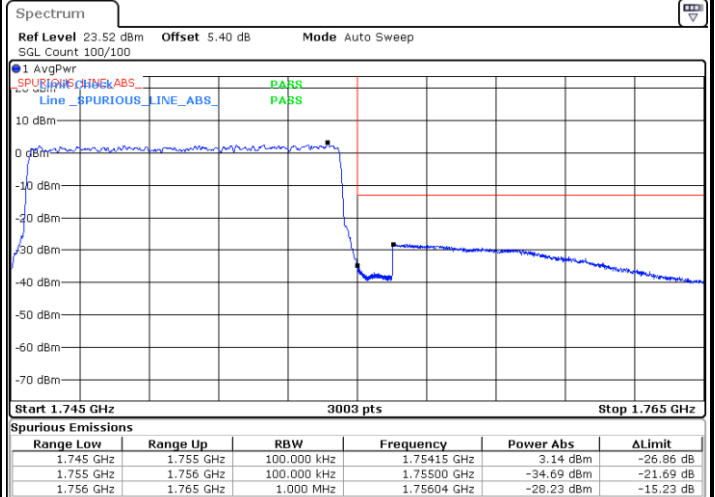
Date: 1.MAR.2022 22:51:57

Lowest Band Edge / Full RB



Date: 1.MAR.2022 22:45:22

Highest Band Edge / Full RB

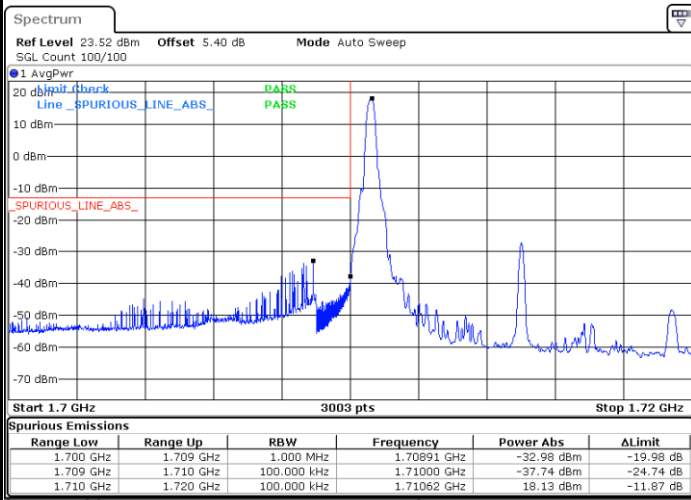


Date: 1.MAR.2022 22:54:19



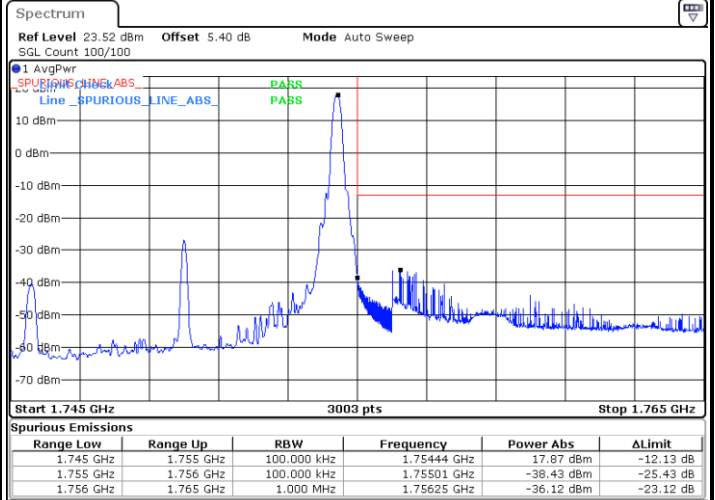
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



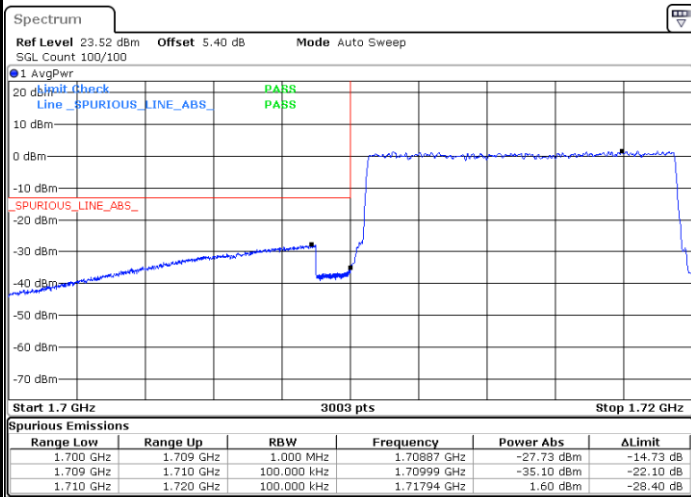
Date: 1.MAR.2022 22:43:40

Highest Band Edge / 1 RB



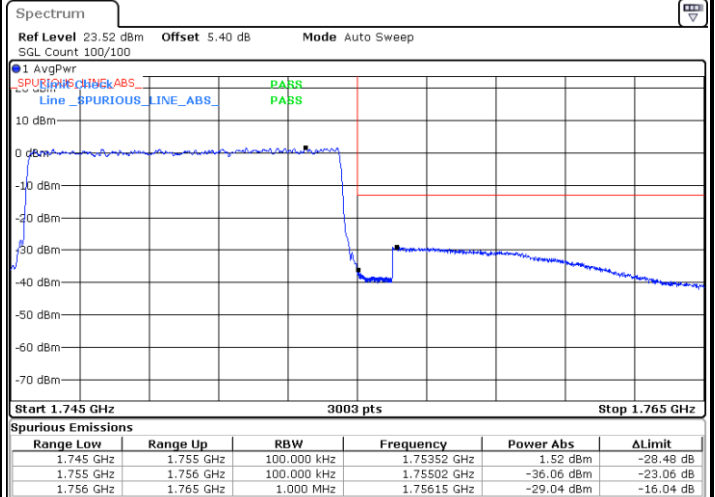
Date: 1.MAR.2022 22:52:49

Lowest Band Edge / Full RB



Date: 1.MAR.2022 22:44:33

Highest Band Edge / Full RB

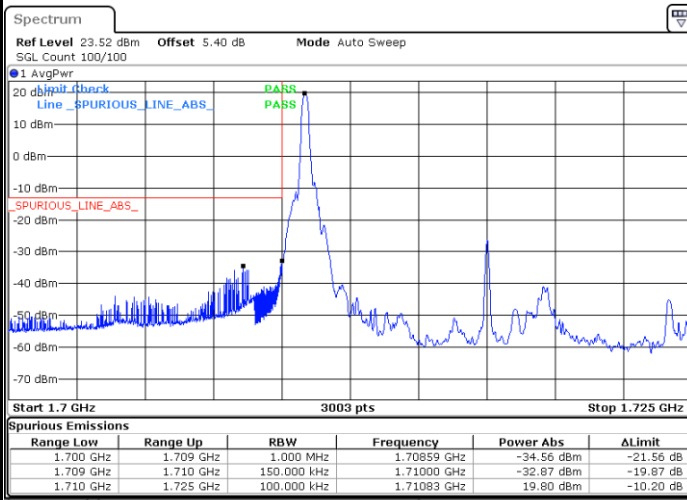


Date: 1.MAR.2022 22:53:32



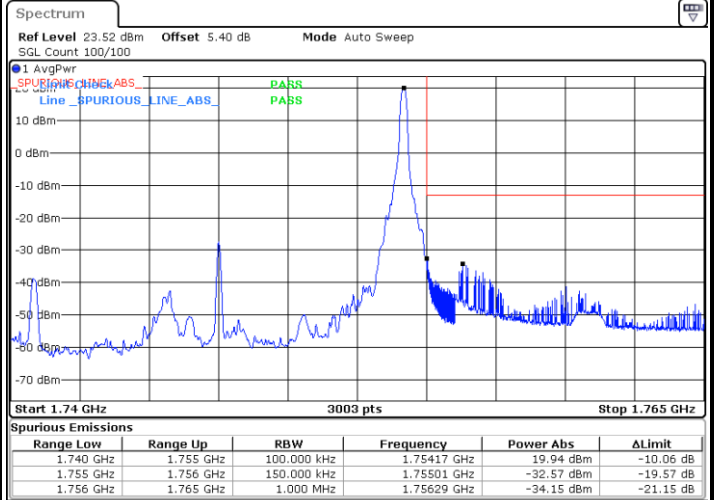
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



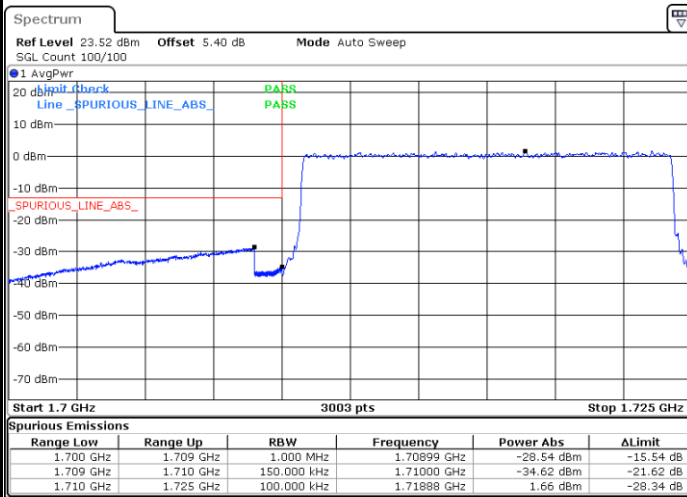
Date: 1.MAR.2022 22:59:15

Highest Band Edge / 1 RB



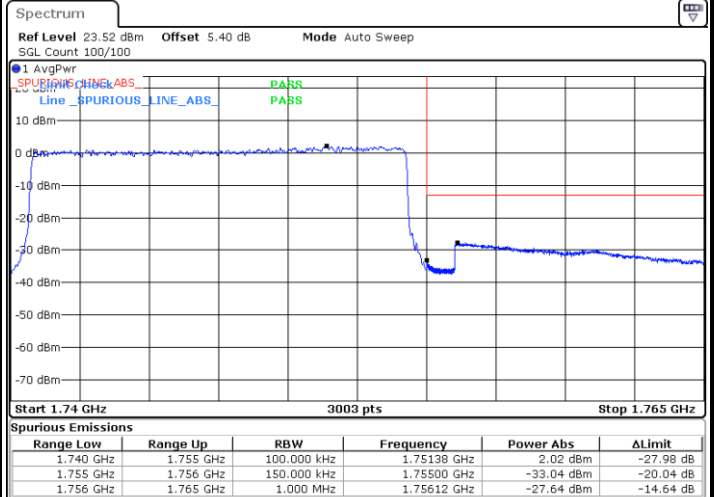
Date: 1.MAR.2022 23:09:40

Lowest Band Edge / Full RB



Date: 1.MAR.2022 23:03:47

Highest Band Edge / Full RB

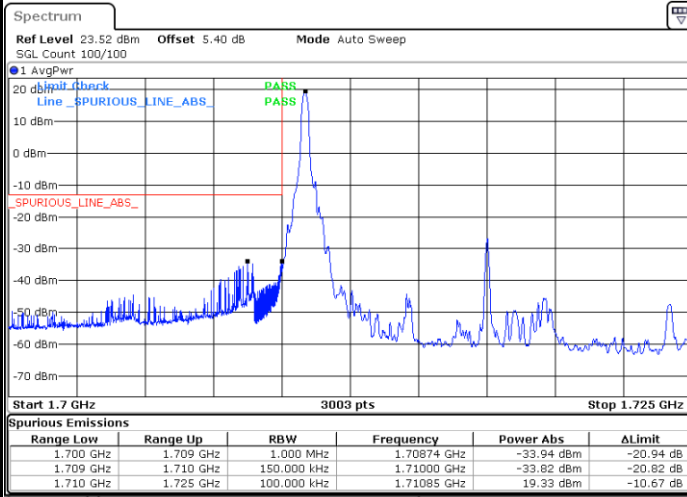


Date: 1.MAR.2022 23:13:56



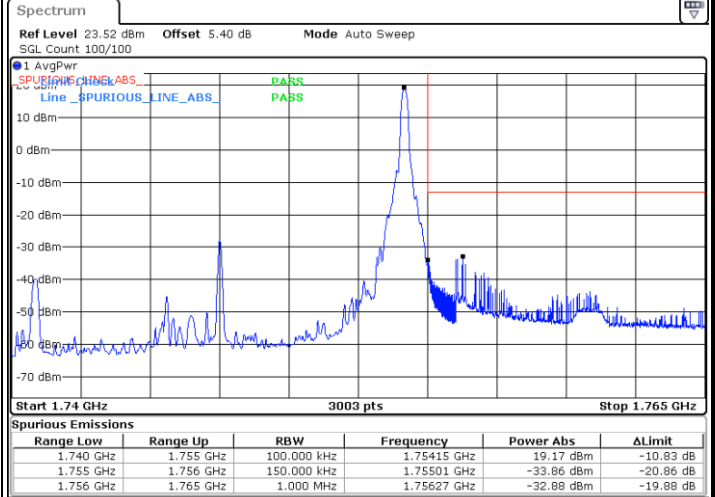
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



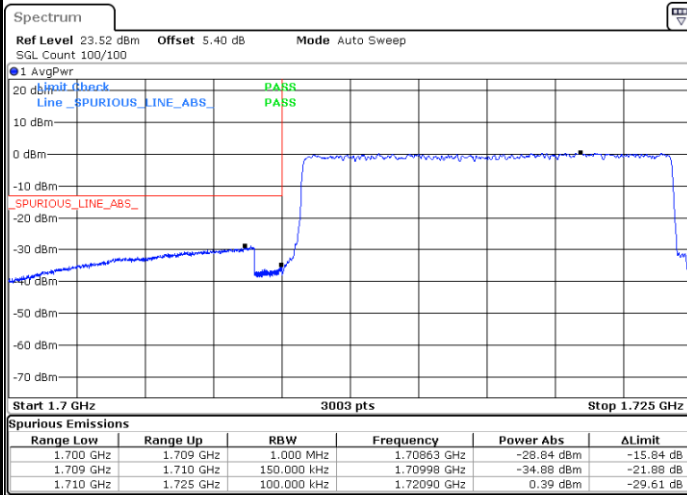
Date: 1.MAR.2022 23:00:11

Highest Band Edge / 1 RB



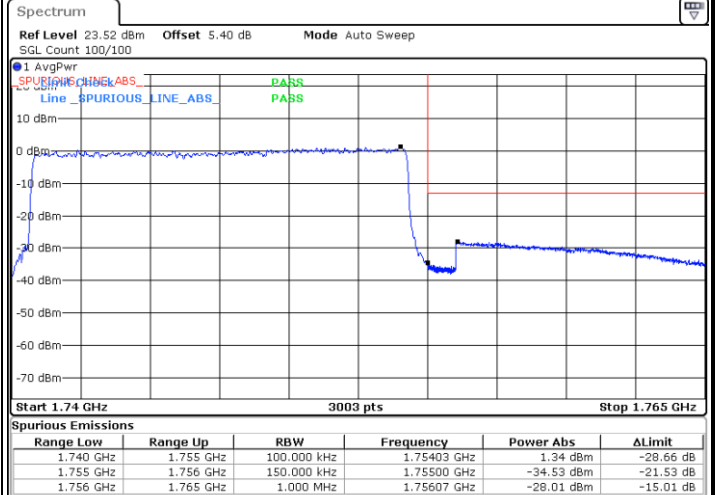
Date: 1.MAR.2022 23:10:20

Lowest Band Edge / Full RB



Date: 1.MAR.2022 23:02:25

Highest Band Edge / Full RB

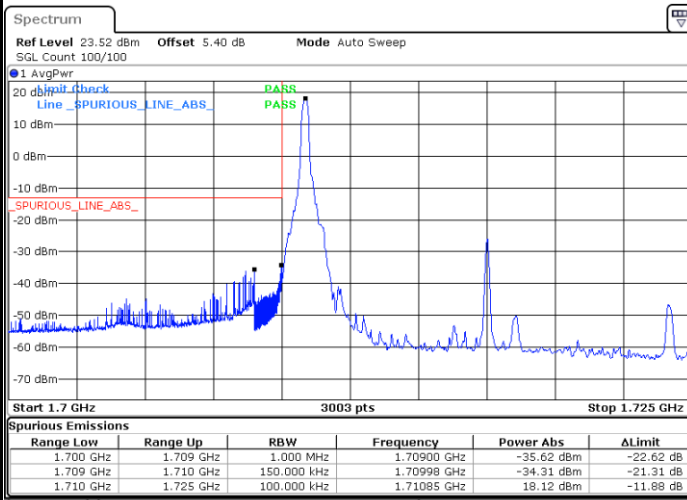


Date: 1.MAR.2022 23:12:57



LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



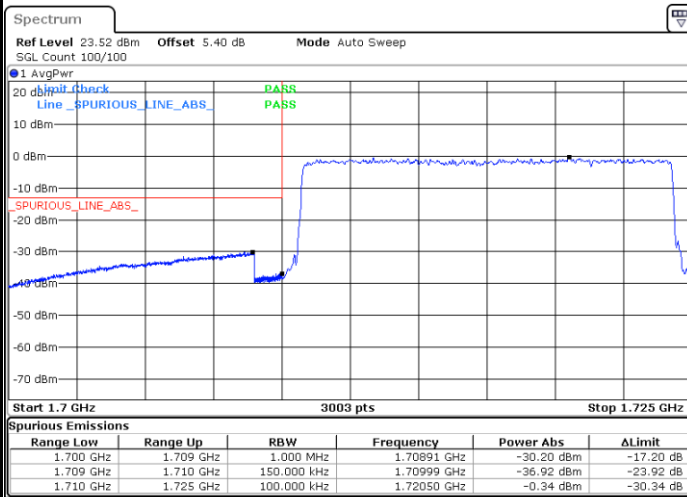
Date: 1.MAR.2022 23:01:02

Highest Band Edge / 1 RB



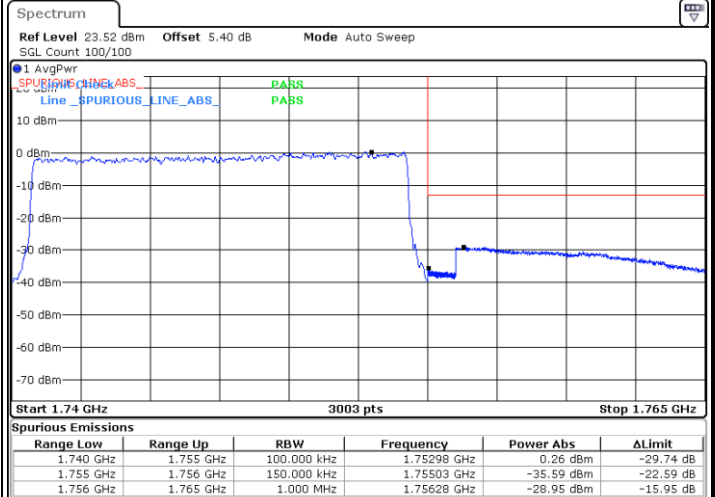
Date: 1.MAR.2022 23:11:07

Lowest Band Edge / Full RB



Date: 1.MAR.2022 23:01:39

Highest Band Edge / Full RB

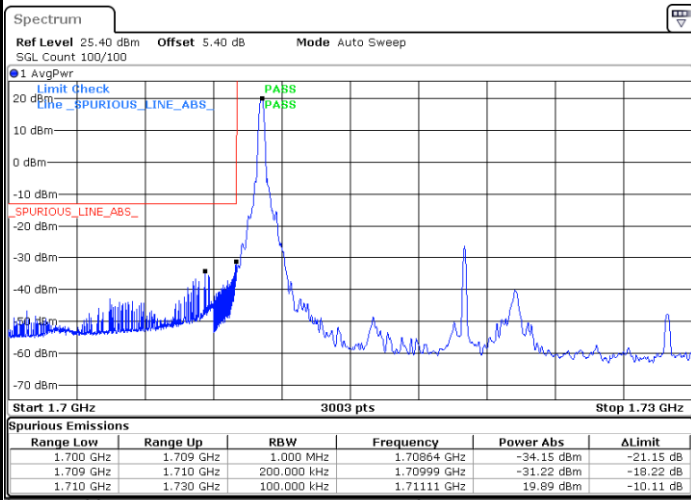


Date: 1.MAR.2022 23:12:07



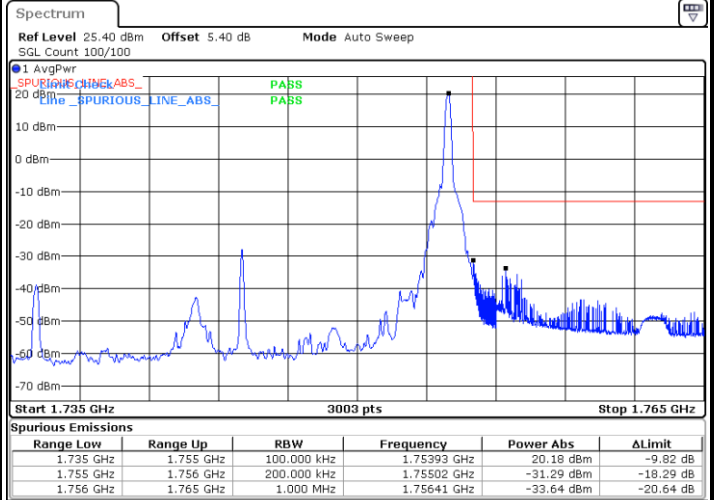
LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / 1 RB



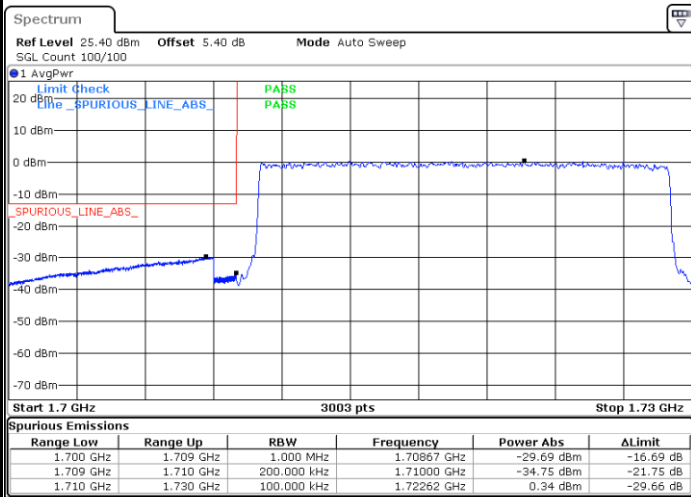
Date: 1.MAR.2022 23:28:30

Highest Band Edge / 1 RB



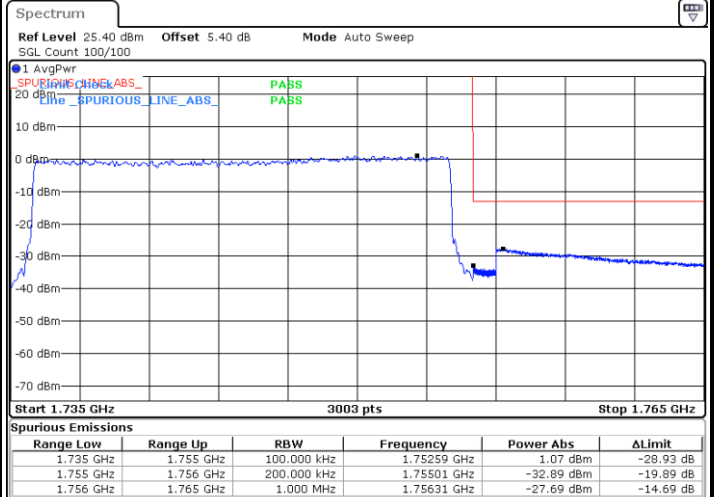
Date: 1.MAR.2022 23:44:00

Lowest Band Edge / Full RB



Date: 1.MAR.2022 23:32:54

Highest Band Edge / Full RB

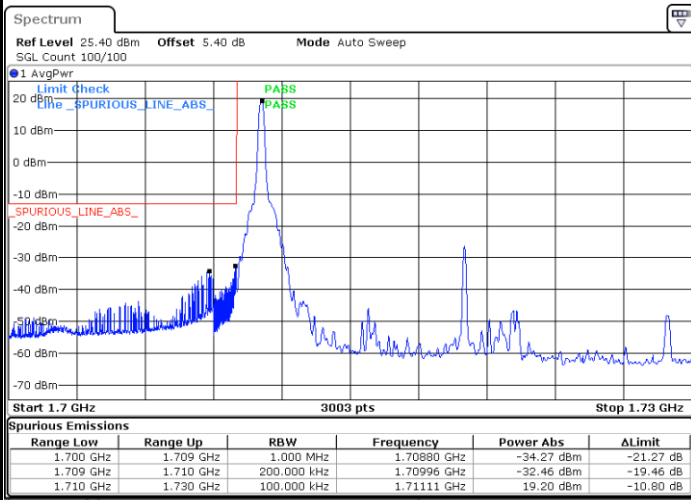


Date: 1.MAR.2022 23:49:17



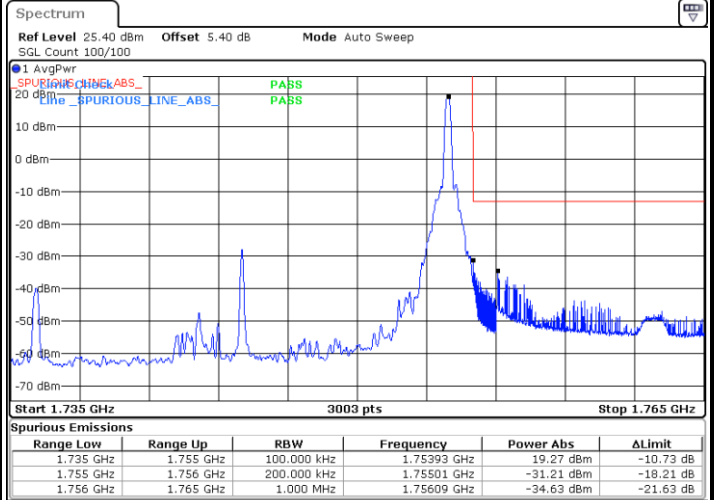
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



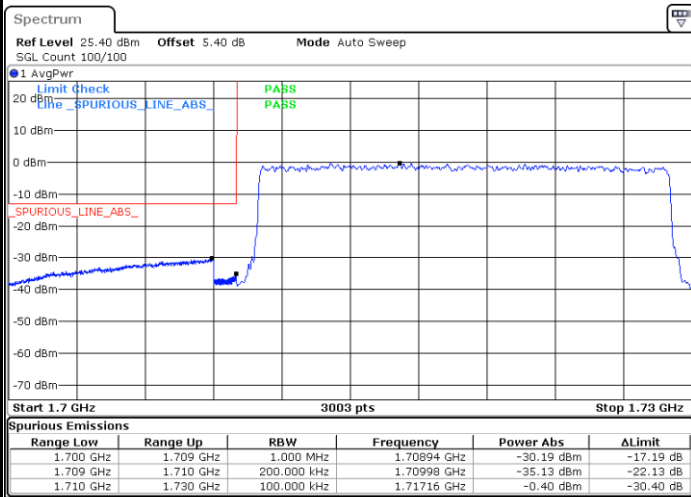
Date: 1.MAR.2022 23:29:32

Highest Band Edge / 1 RB



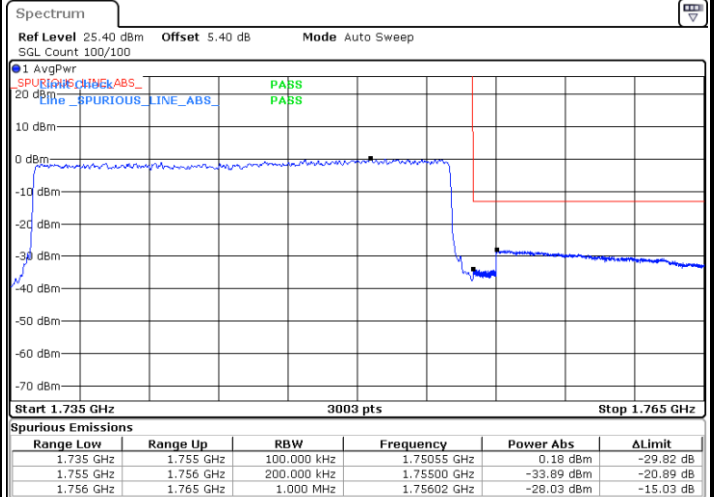
Date: 1.MAR.2022 23:44:52

Lowest Band Edge / Full RB



Date: 1.MAR.2022 23:32:12

Highest Band Edge / Full RB

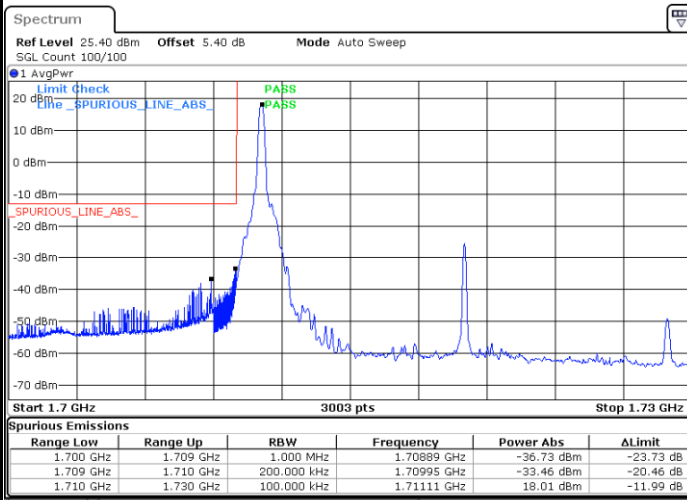


Date: 1.MAR.2022 23:47:51



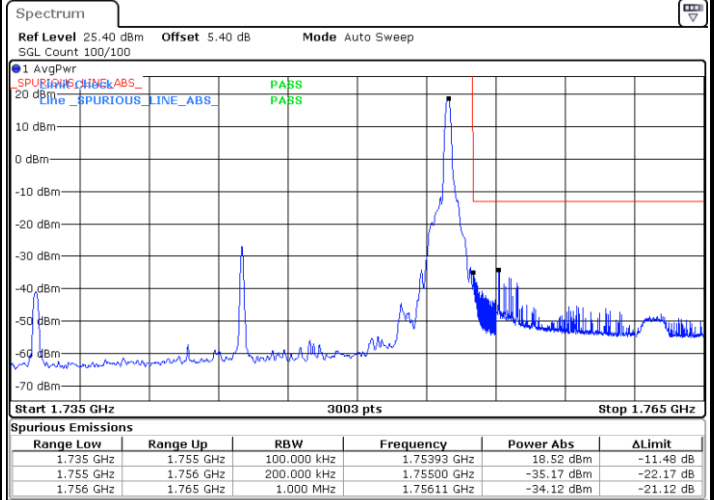
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



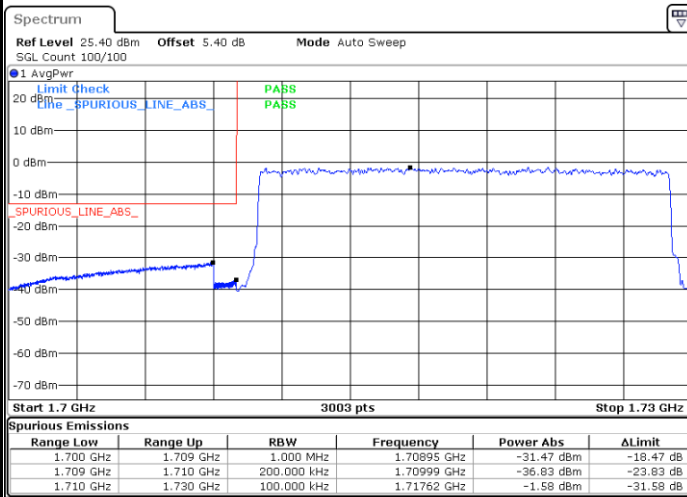
Date: 1.MAR.2022 23:30:31

Highest Band Edge / 1 RB



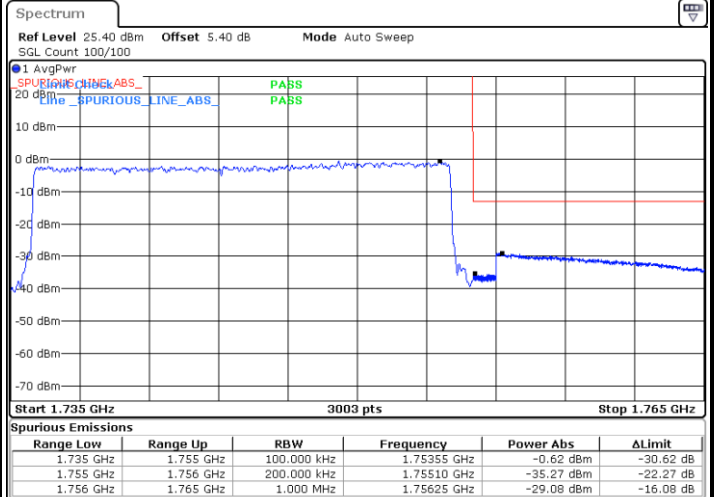
Date: 1.MAR.2022 23:45:48

Lowest Band Edge / Full RB



Date: 1.MAR.2022 23:31:20

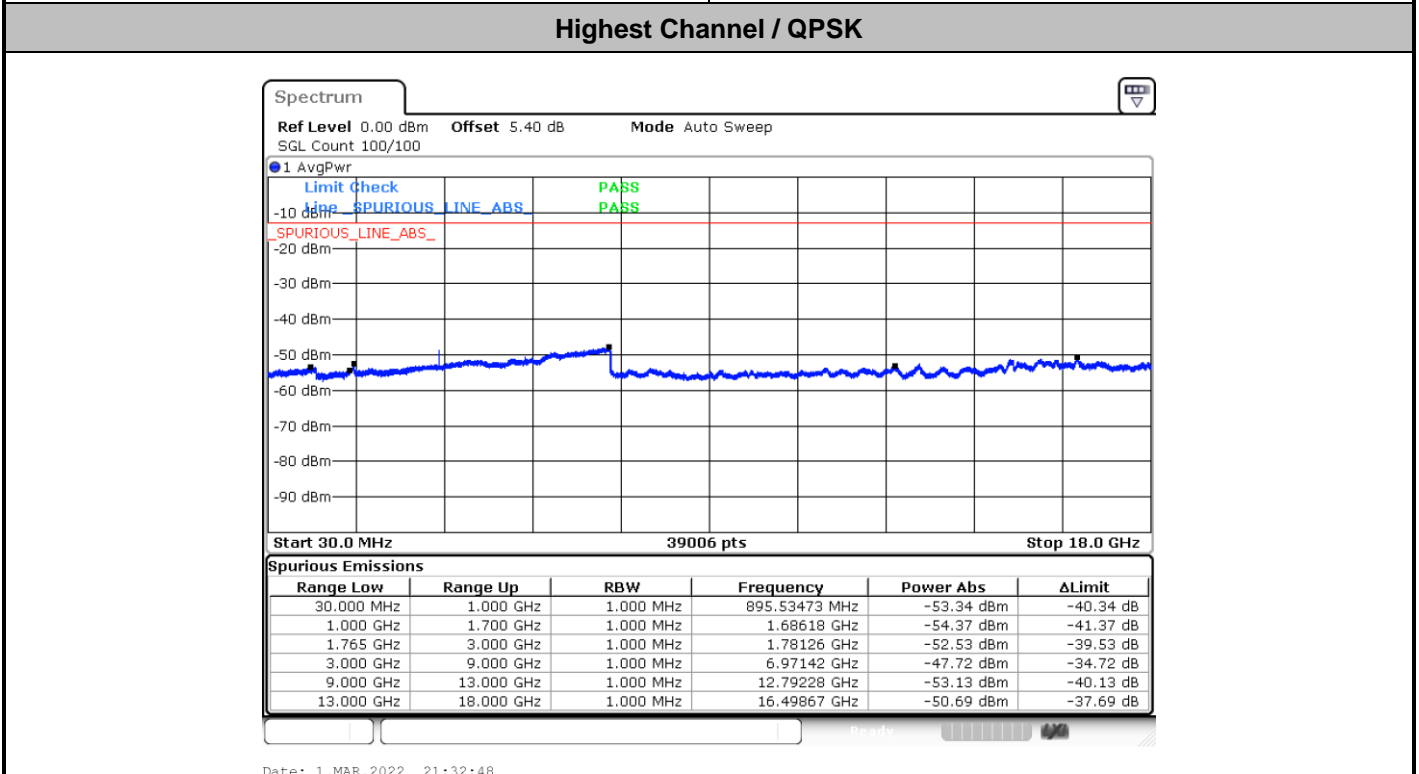
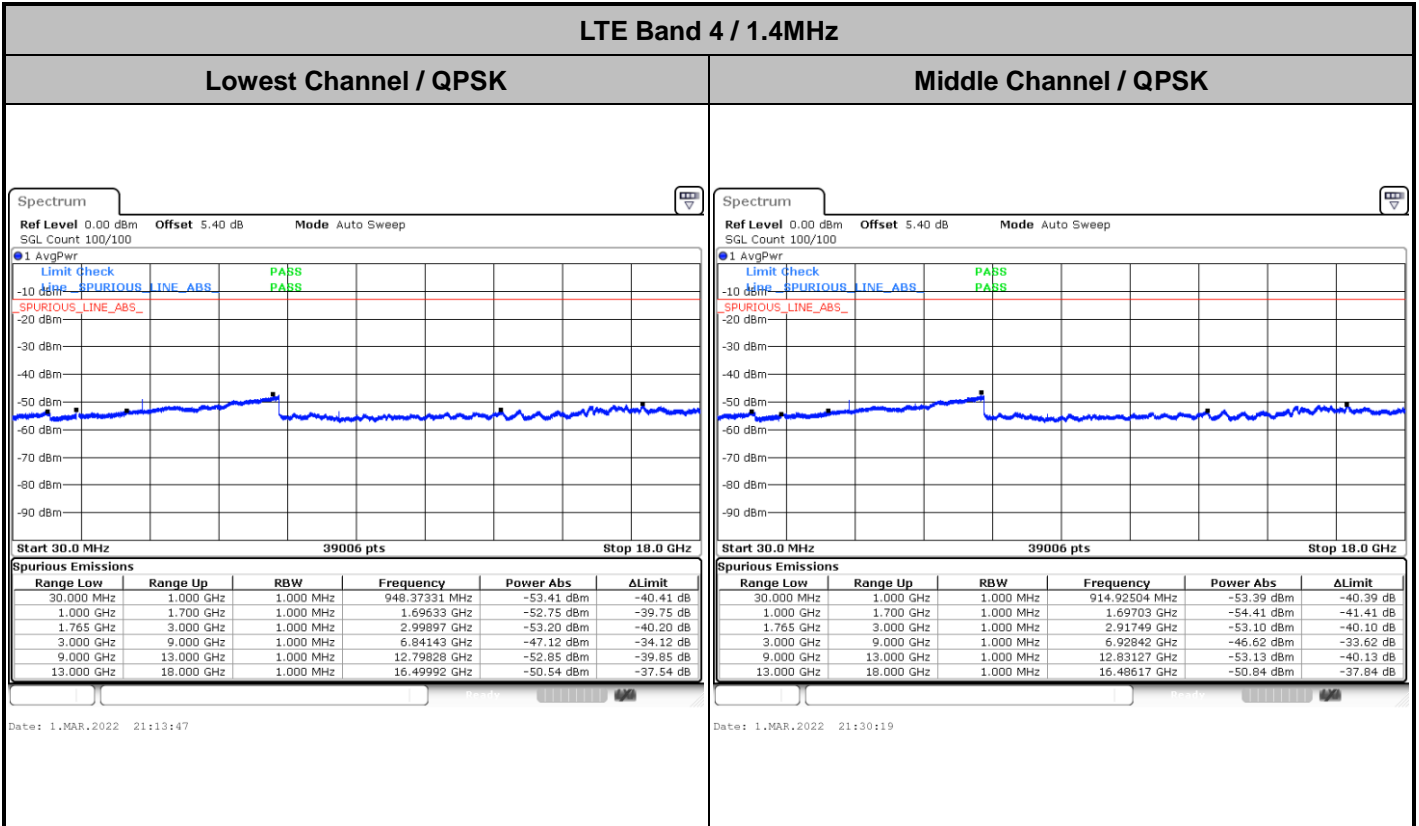
Highest Band Edge / Full RB



Date: 1.MAR.2022 23:47:07



Conducted Spurious Emission

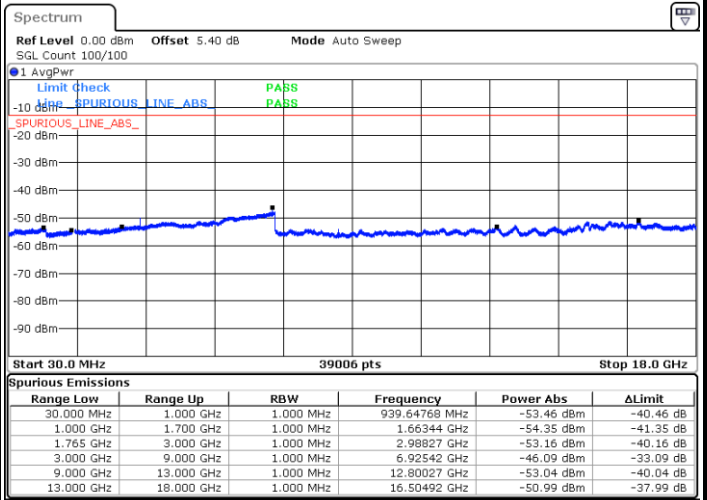
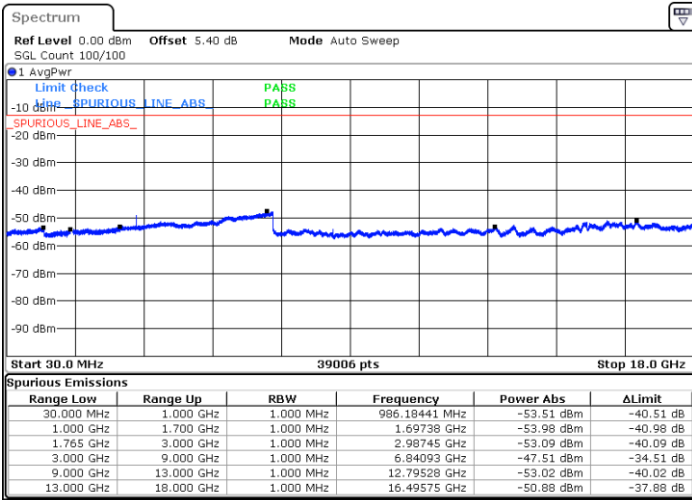




LTE Band 4 / 3MHz

Lowest Channel / QPSK

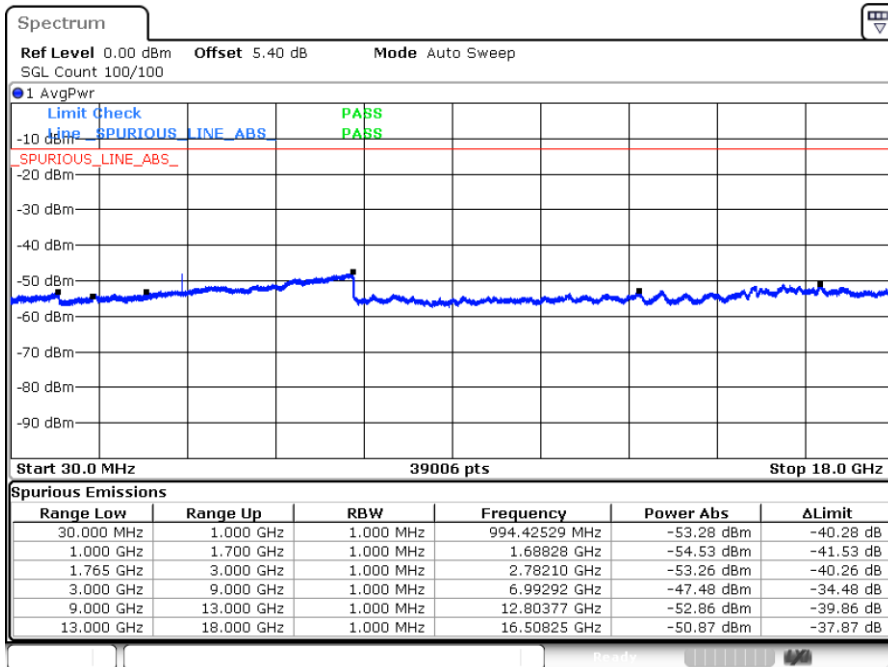
Middle Channel / QPSK



Date: 1.MAR.2022 22:01:01

Date: 1.MAR.2022 22:10:34

Highest Channel / QPSK

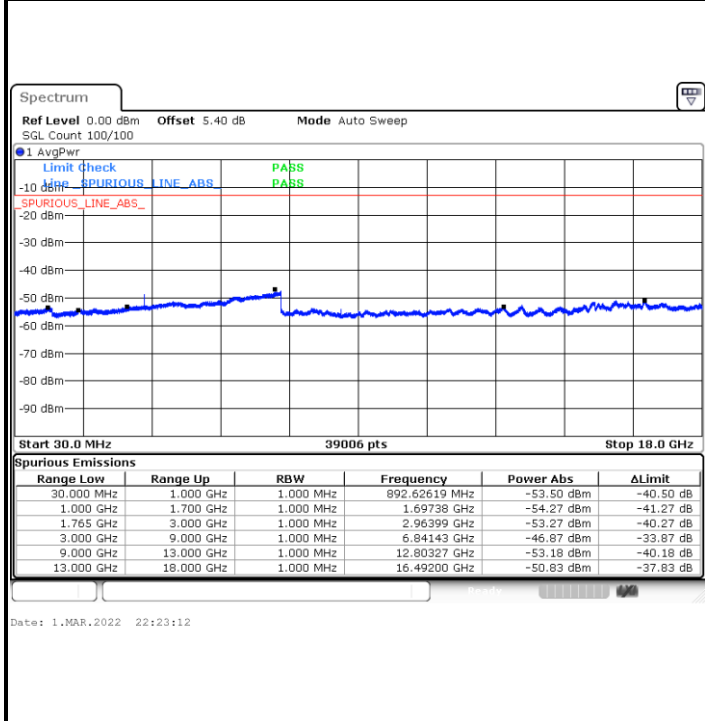


Date: 1.MAR.2022 22:12:50

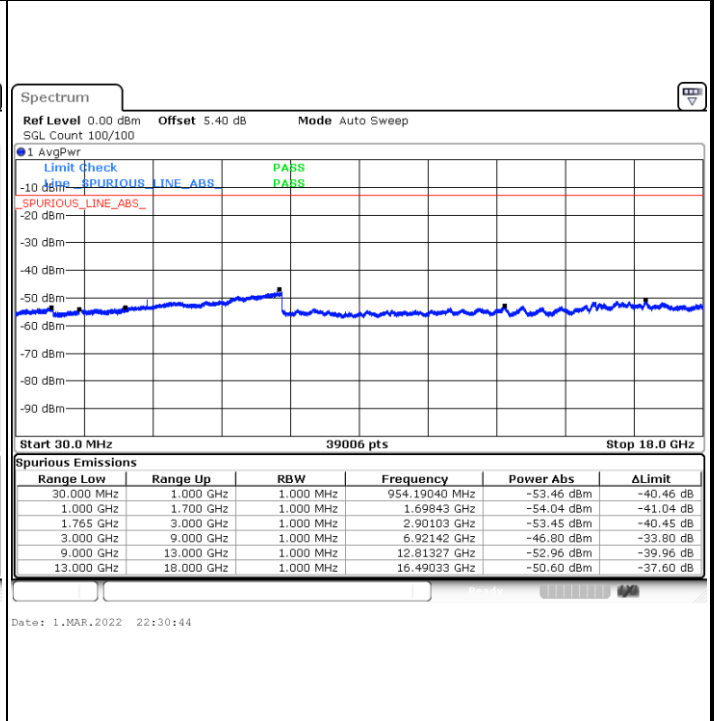


LTE Band 4 / 5MHz

Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

