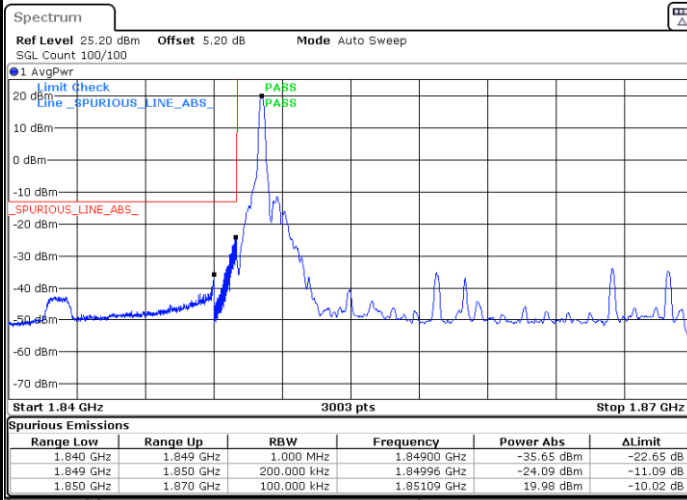




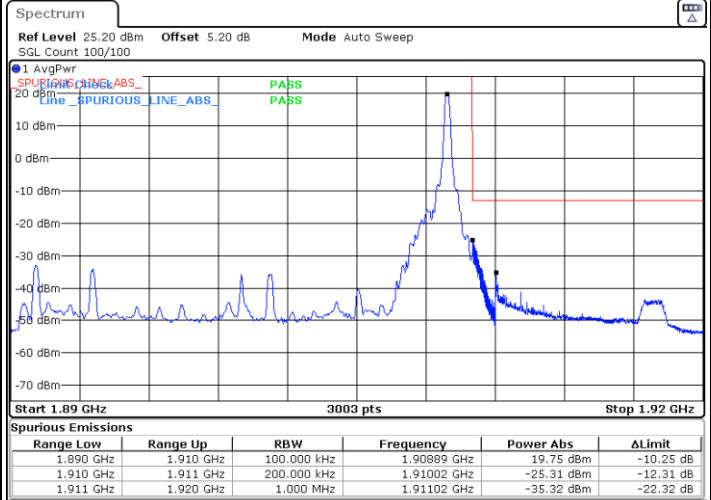
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



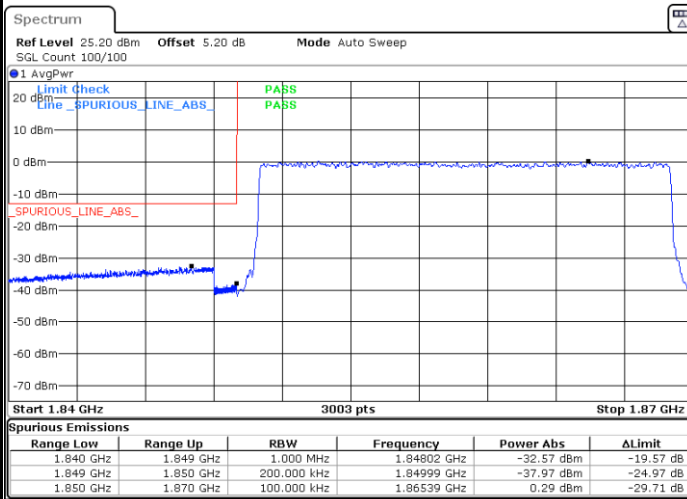
Date: 16.MAR.2022 02:07:48

Highest Band Edge / 1 RB



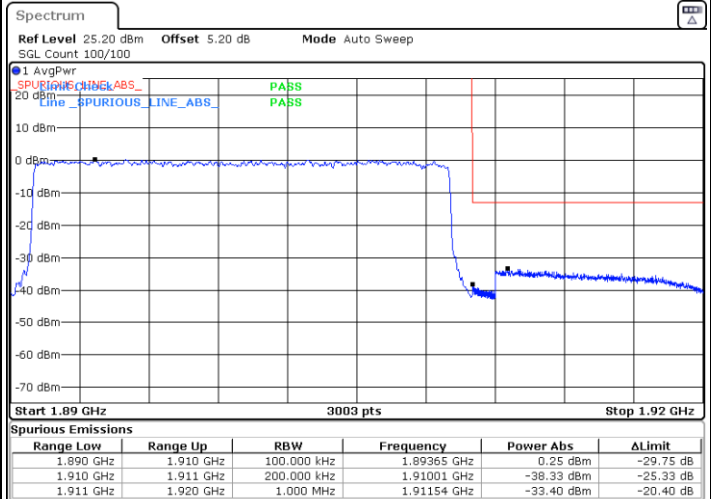
Date: 16.MAR.2022 02:21:32

Lowest Band Edge / Full RB



Date: 16.MAR.2022 02:16:23

Highest Band Edge / Full RB

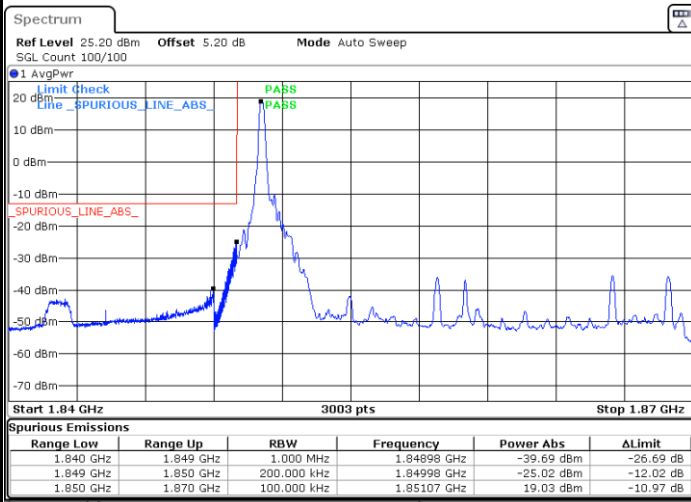


Date: 16.MAR.2022 02:31:27



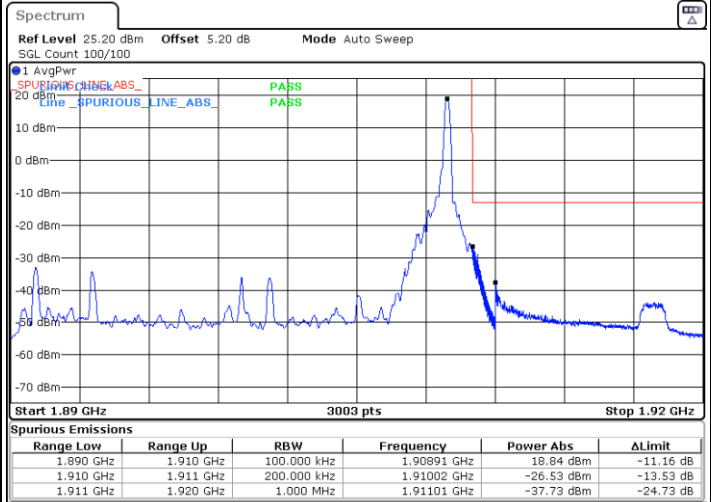
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



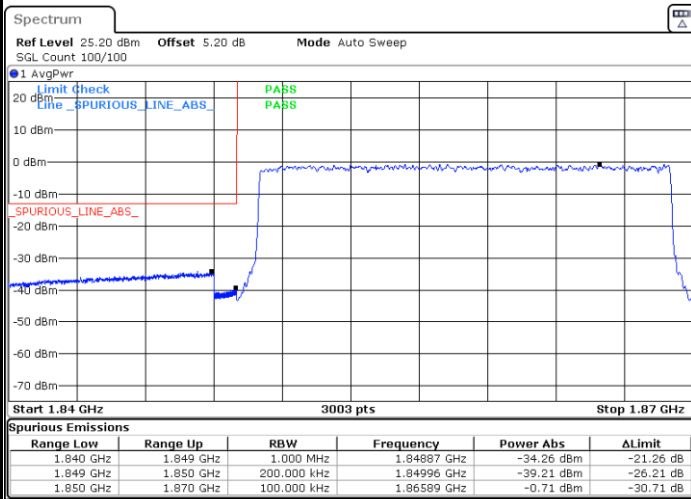
Date: 16.MAR.2022 02:09:31

Highest Band Edge / 1 RB



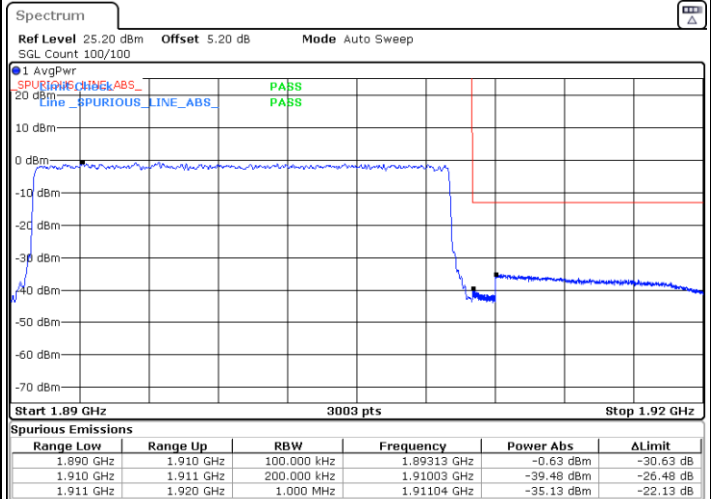
Date: 16.MAR.2022 02:23:15

Lowest Band Edge / Full RB



Date: 16.MAR.2022 02:14:40

Highest Band Edge / Full RB

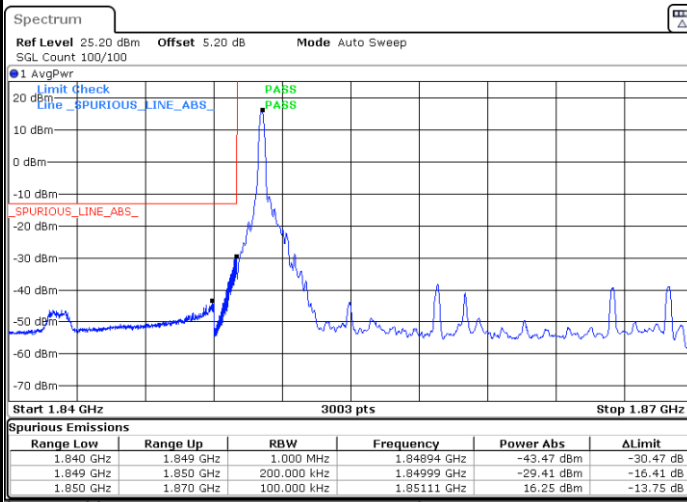


Date: 16.MAR.2022 02:29:43



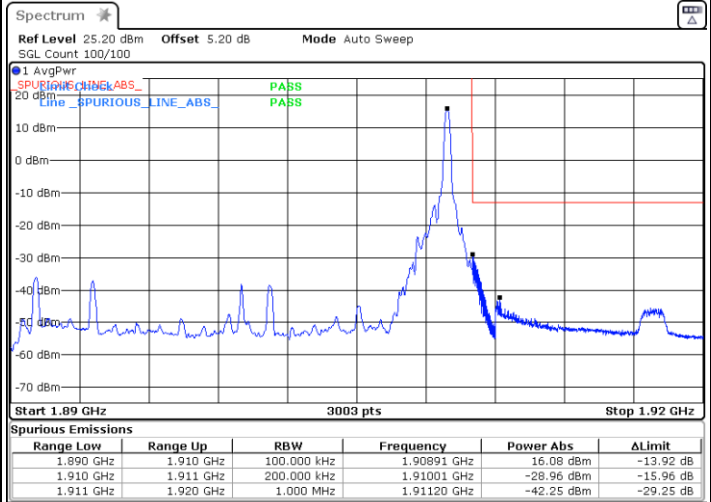
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



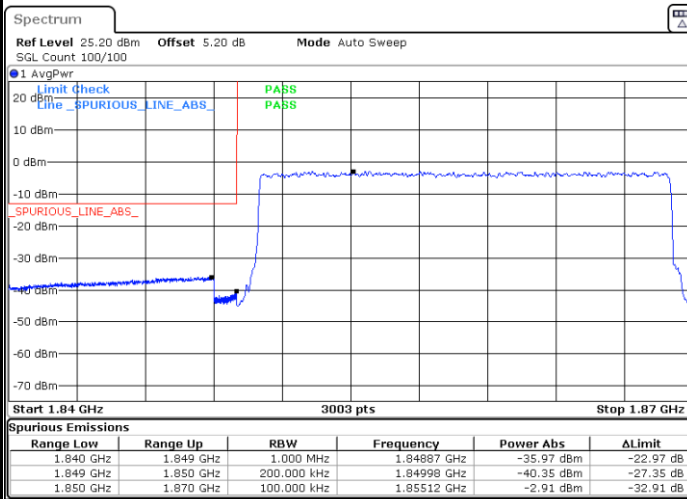
Date: 16.MAR.2022 02:11:14

Highest Band Edge / 1 RB



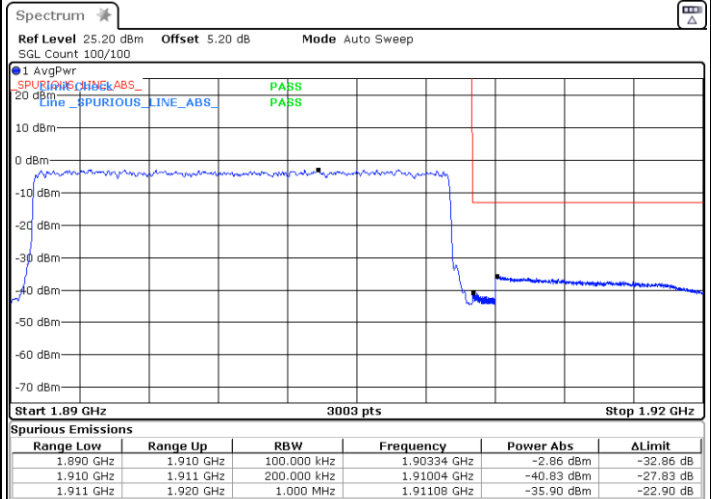
Date: 16.MAR.2022 02:24:58

Lowest Band Edge / Full RB



Date: 16.MAR.2022 02:12:57

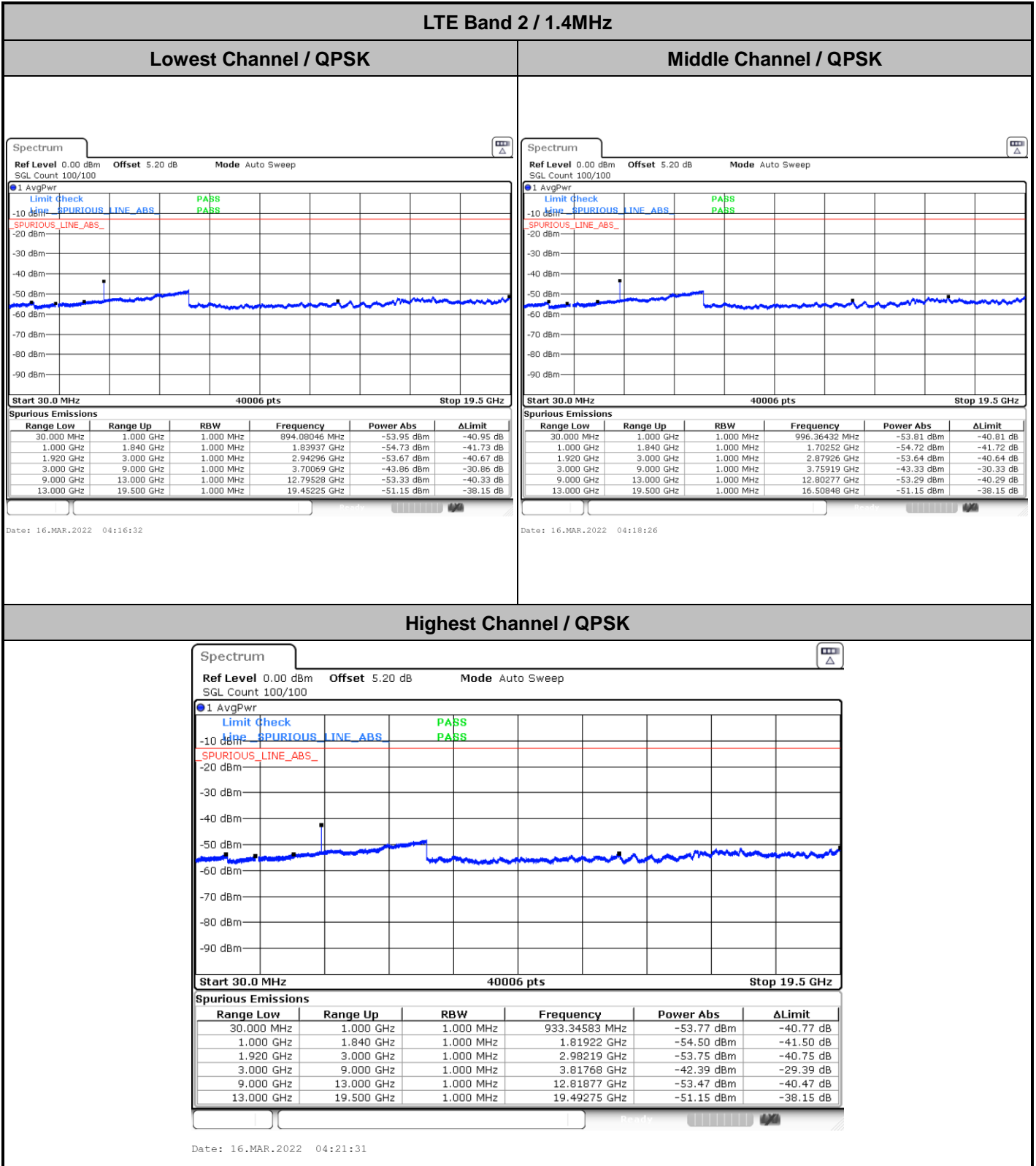
Highest Band Edge / Full RB



Date: 16.MAR.2022 02:27:56



Conducted Spurious Emission

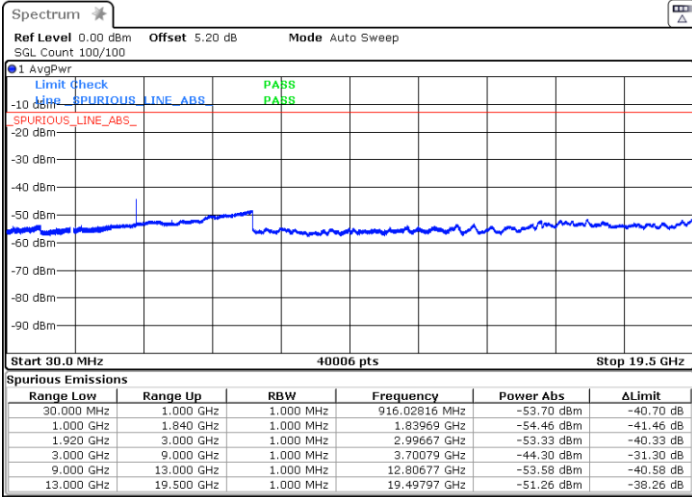




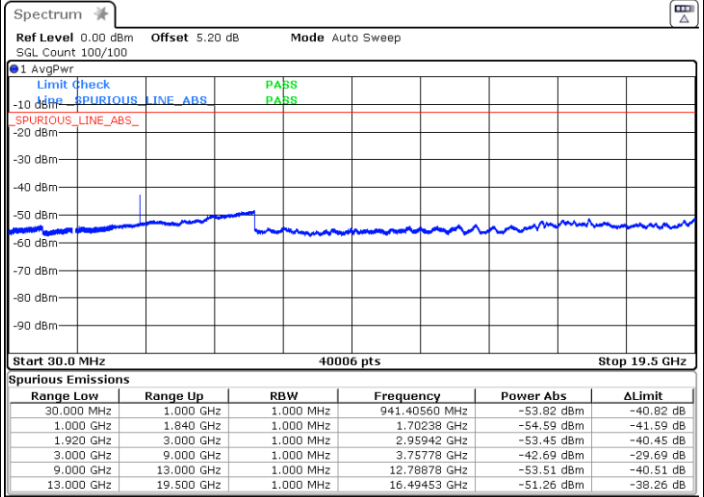
LTE Band 2 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

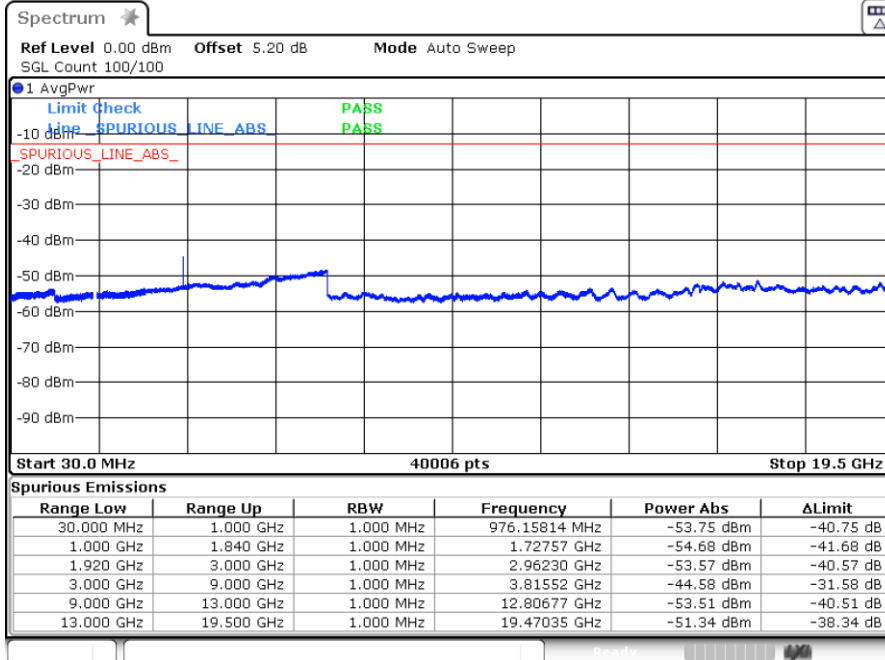


Date: 16.MAR.2022 03:40:28



Date: 16.MAR.2022 03:43:10

Highest Channel / QPSK



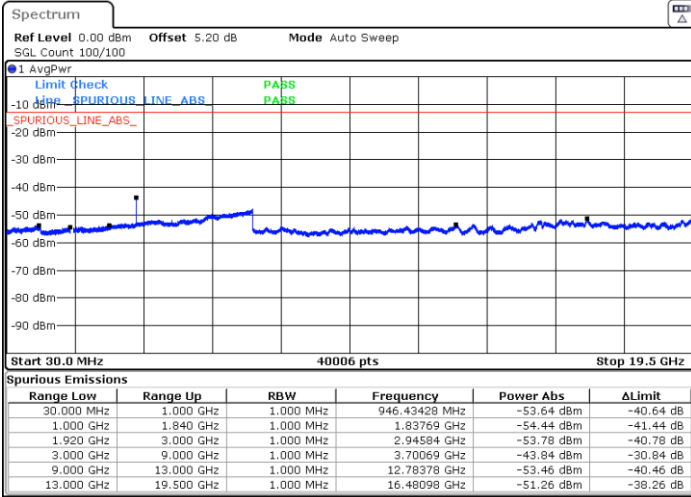
Date: 16.MAR.2022 03:45:49



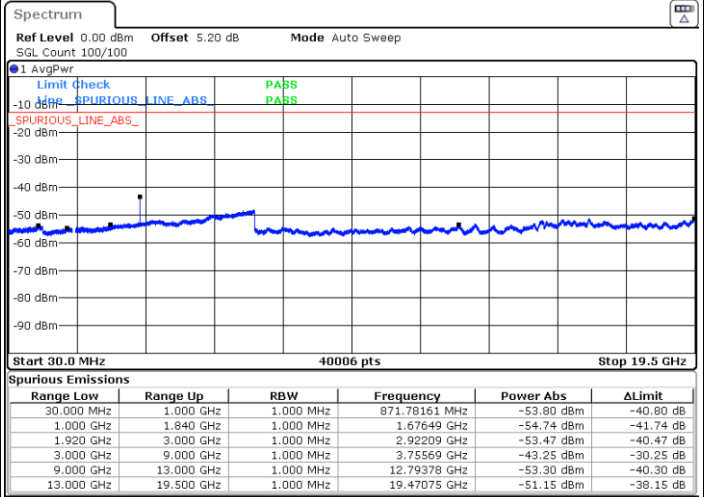
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

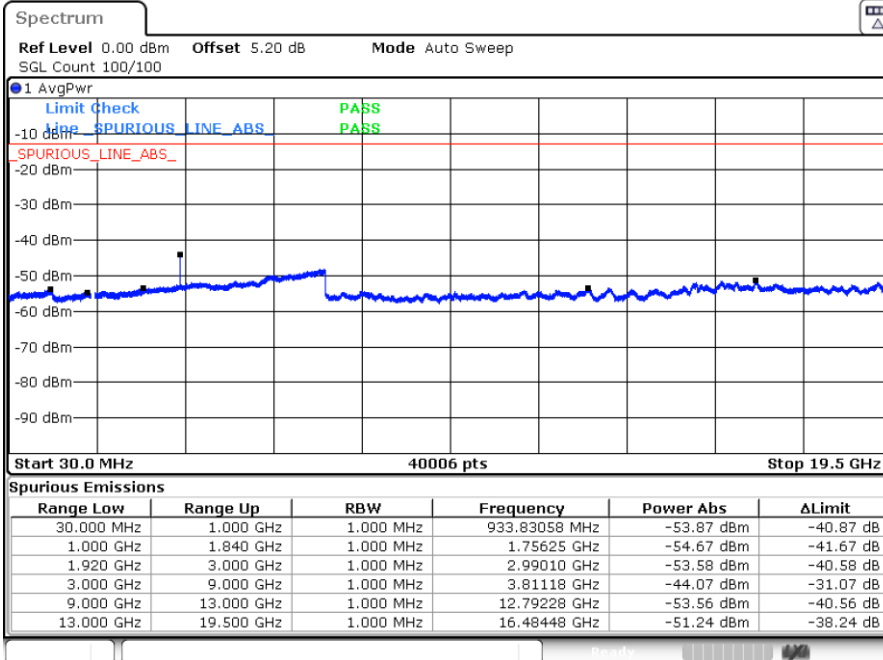


Date: 16.MAR.2022 03:50:27



Date: 16.MAR.2022 03:52:25

Highest Channel / QPSK



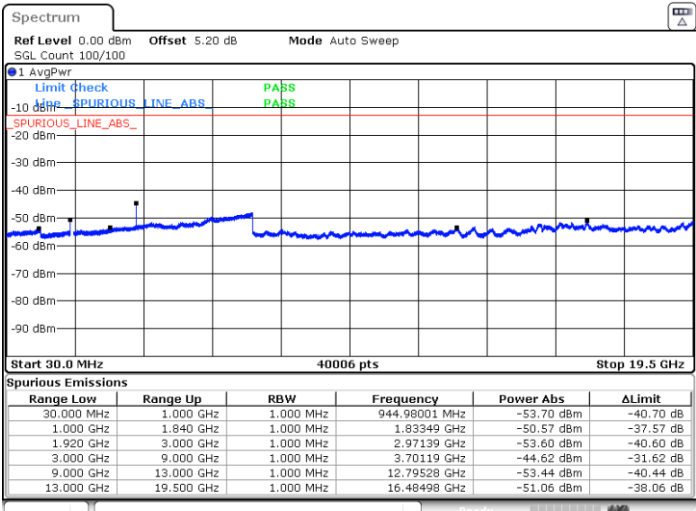
Date: 16.MAR.2022 03:54:23



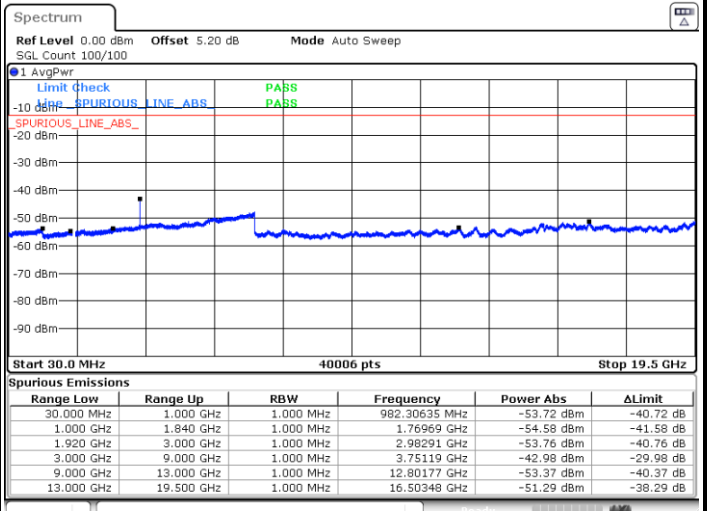
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

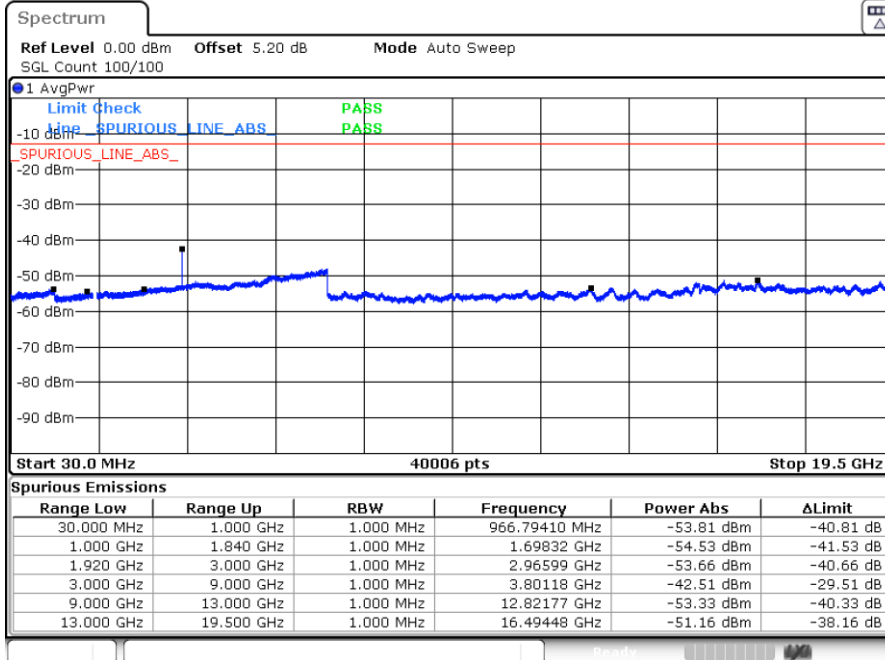


Date: 16.MAR.2022 03:56:52



Date: 16.MAR.2022 03:58:51

Highest Channel / QPSK



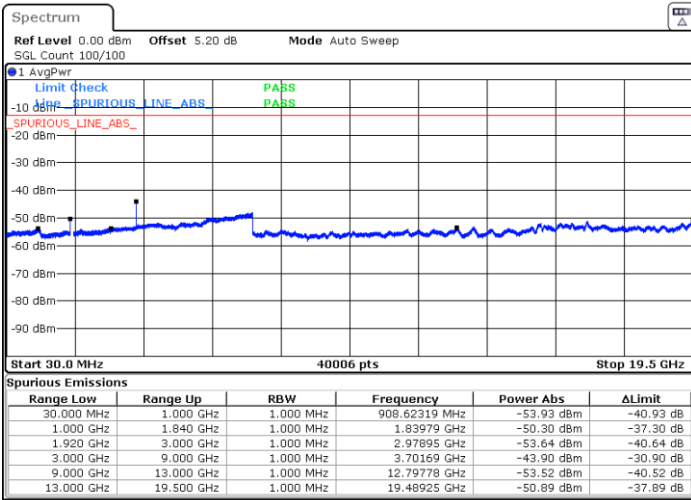
Date: 16.MAR.2022 04:00:54



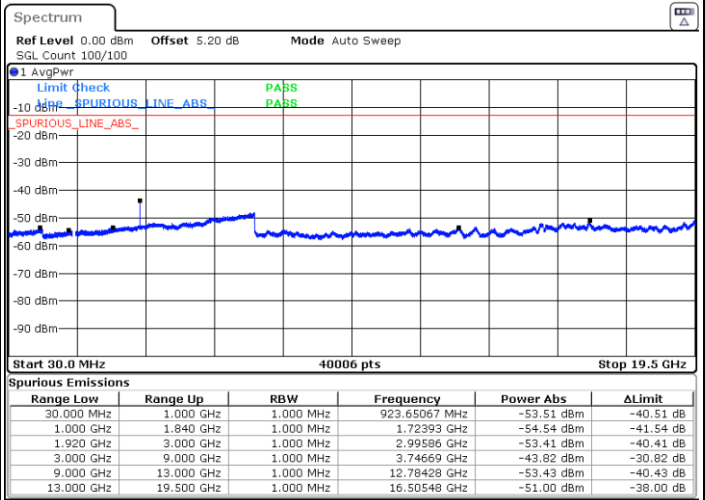
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

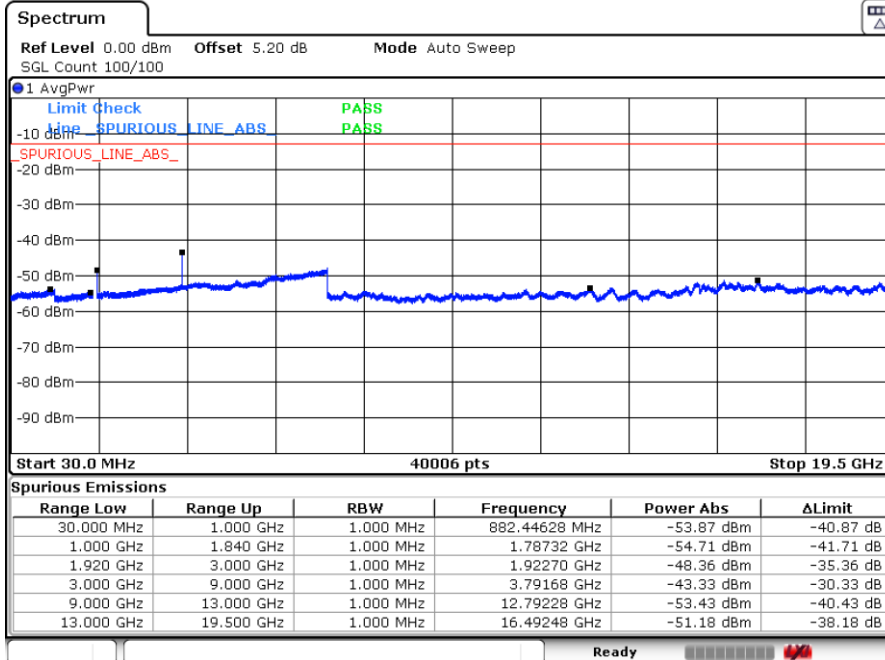


Date: 16.MAR.2022 04:03:03



Date: 16.MAR.2022 04:09:30

Highest Channel / QPSK



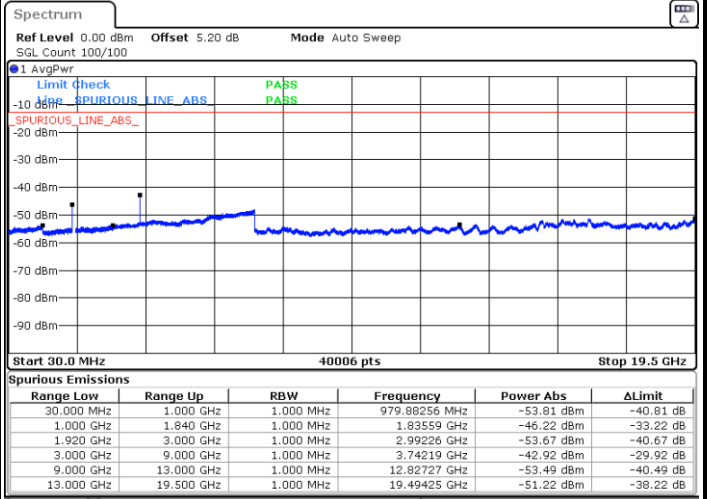
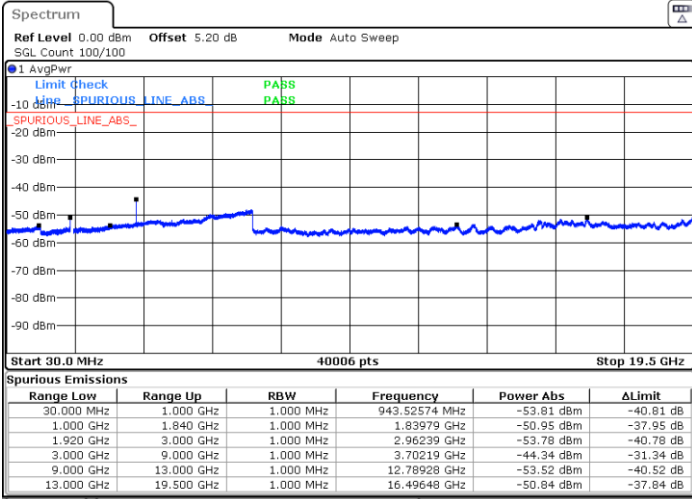
Date: 16.MAR.2022 04:12:31



LTE Band 2 / 20MHz

Lowest Channel / QPSK

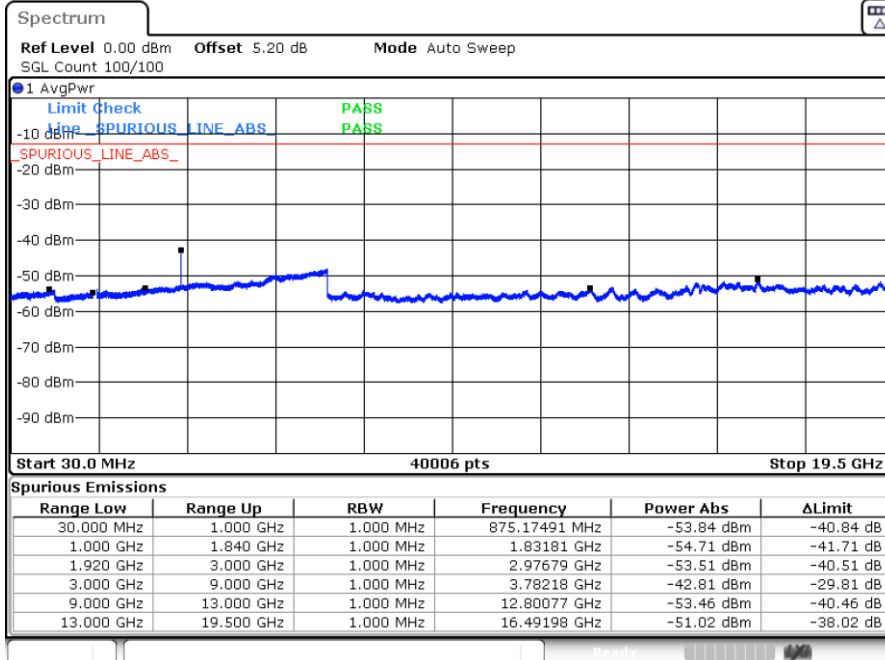
Middle Channel / QPSK



Date: 16.MAR.2022 04:14:31

Date: 16.MAR.2022 02:43:52

Highest Channel / QPSK



Date: 16.MAR.2022 03:02:02



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	0.0027	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0008	

Note:

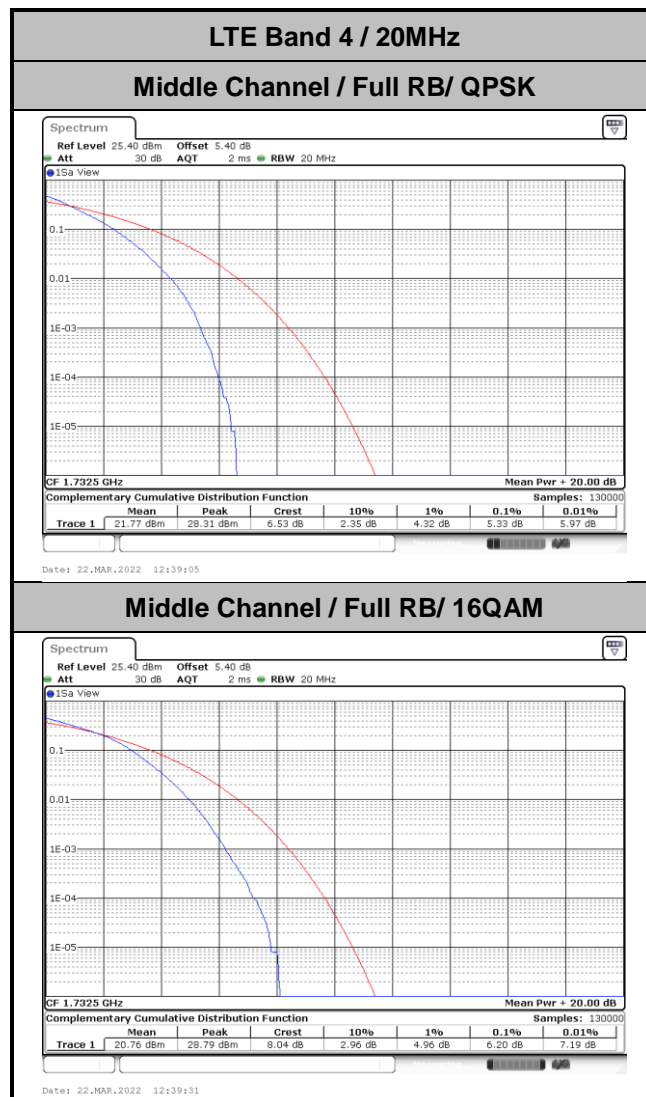
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

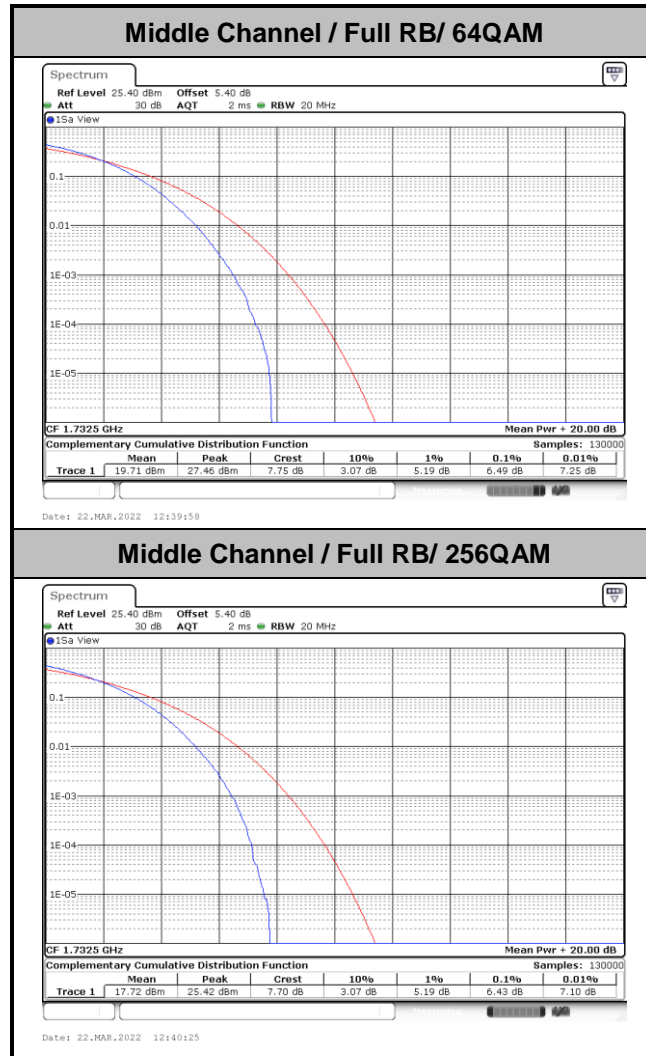


LTE Band 4

Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.33	6.20	6.49	6.43	PASS

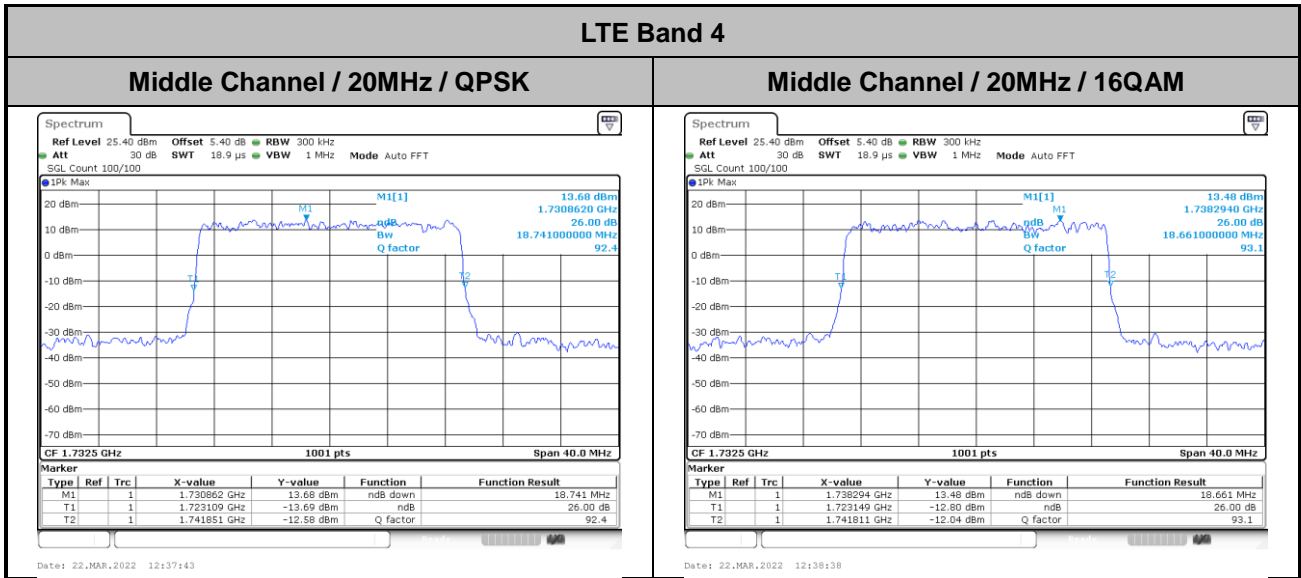






26dB Bandwidth

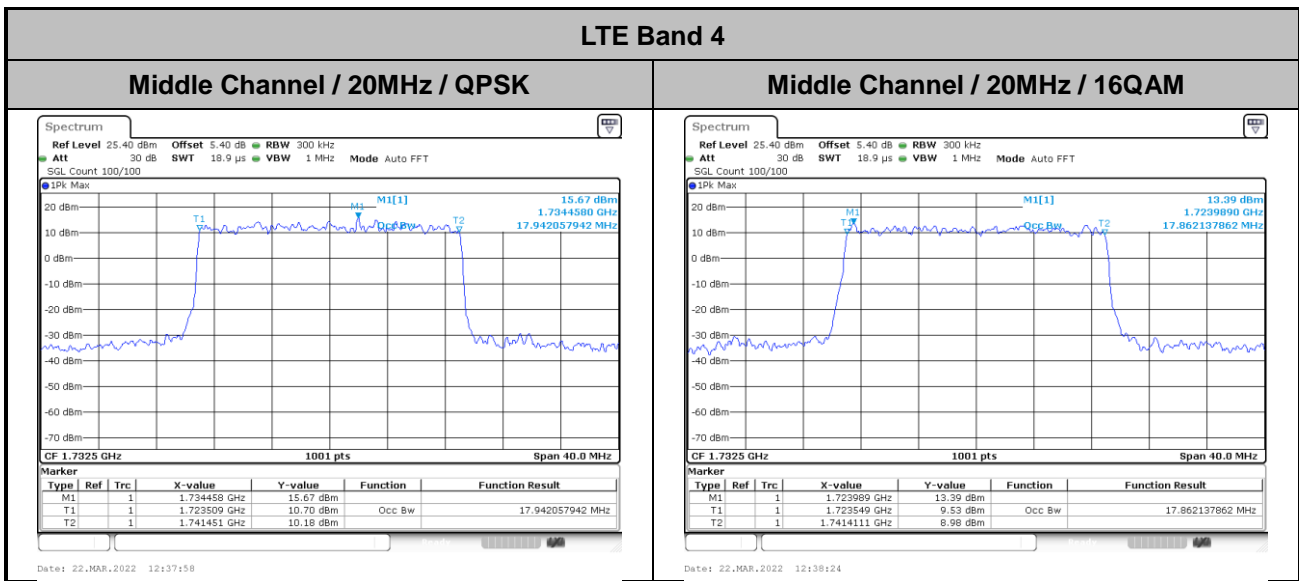
Mode	LTE Band 4 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.74	18.66





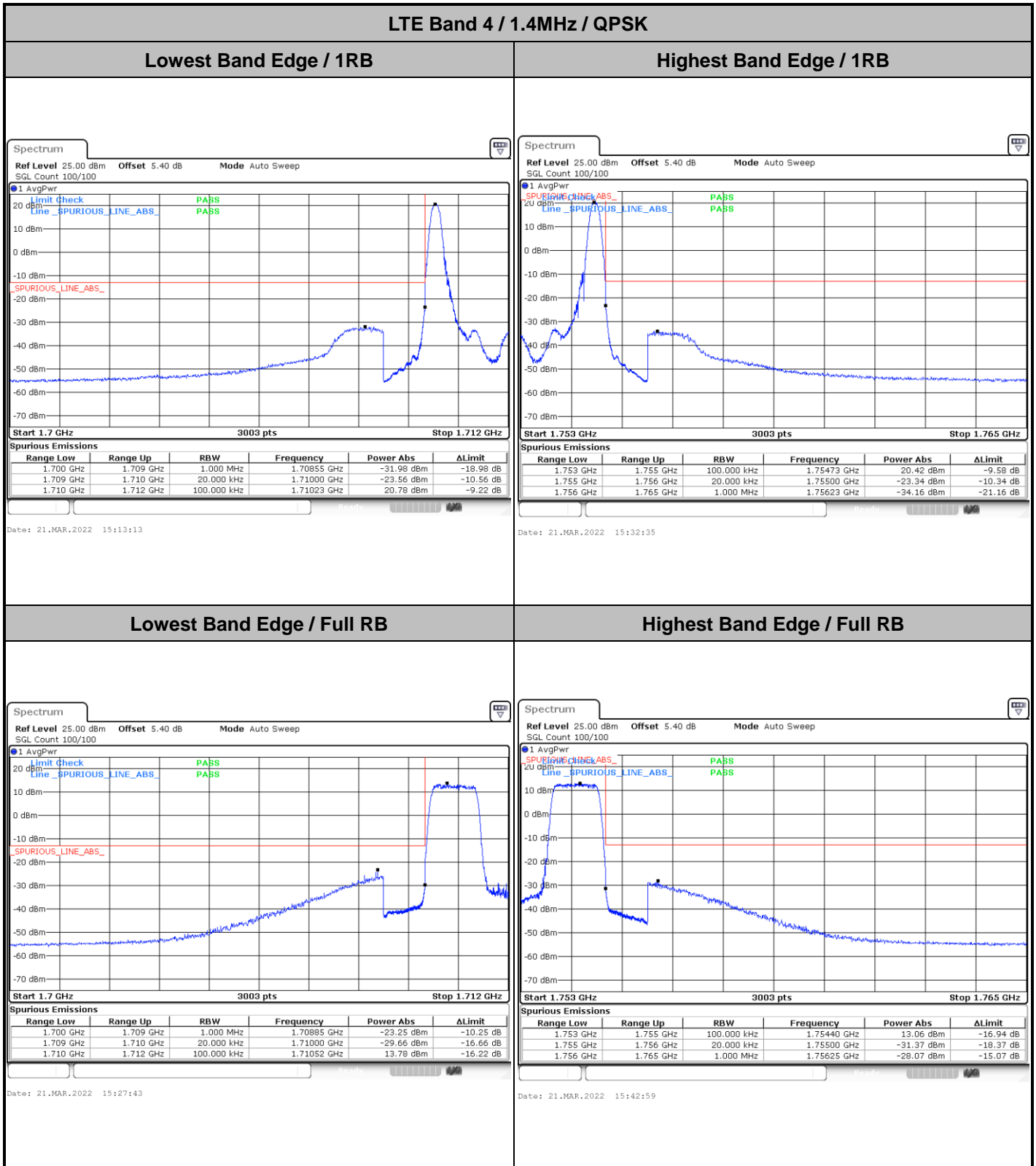
Occupied Bandwidth

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





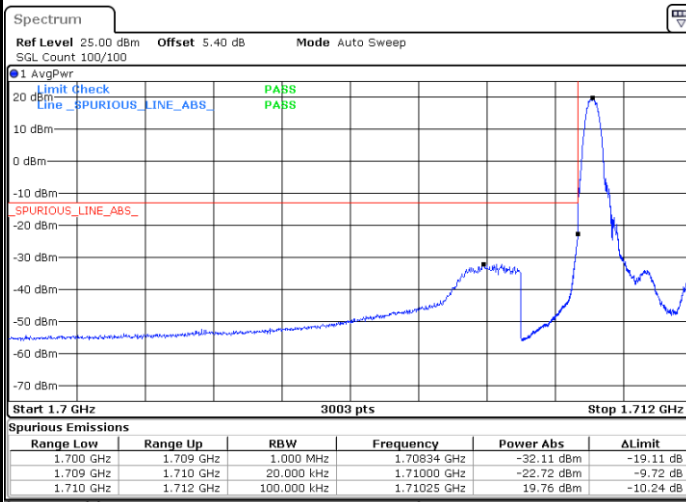
Conducted Band Edge





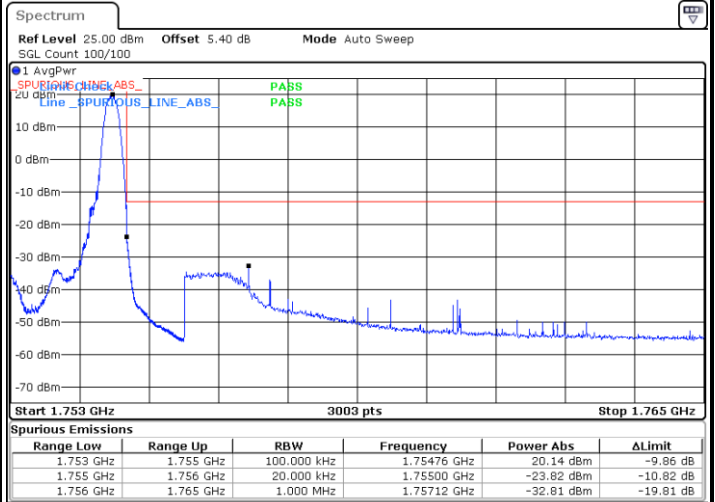
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



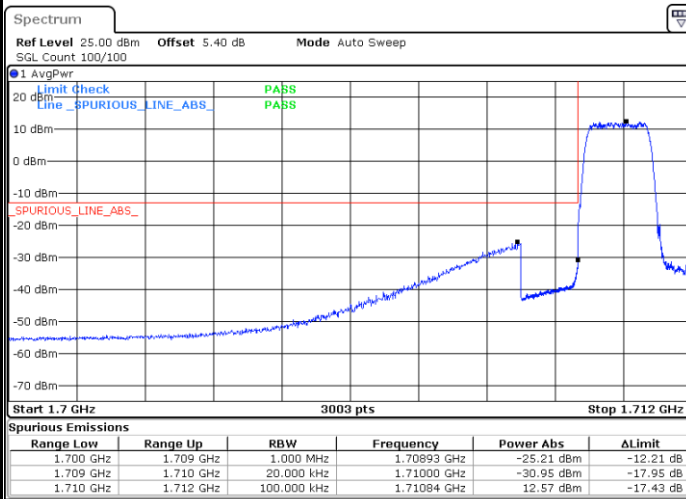
Date: 21.MAR.2022 15:14:35

Highest Band Edge / 1 RB



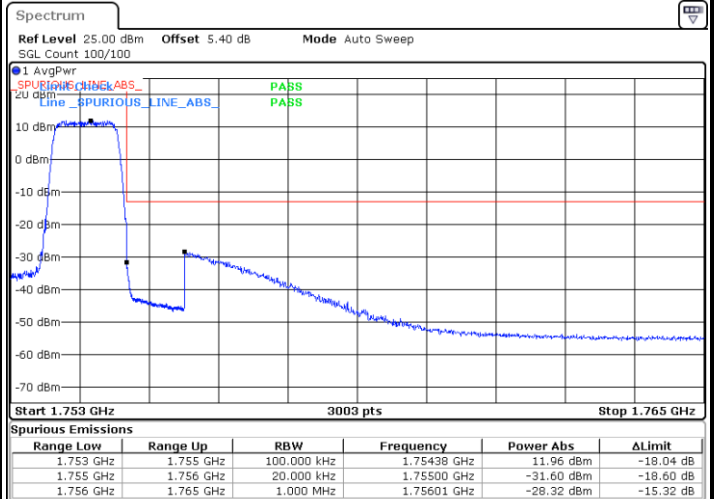
Date: 21.MAR.2022 15:33:58

Lowest Band Edge / Full RB



Date: 21.MAR.2022 15:26:20

Highest Band Edge / Full RB

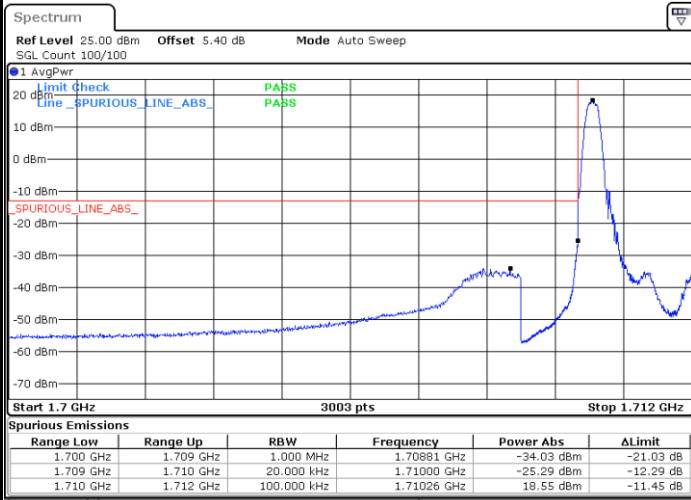


Date: 21.MAR.2022 15:41:36



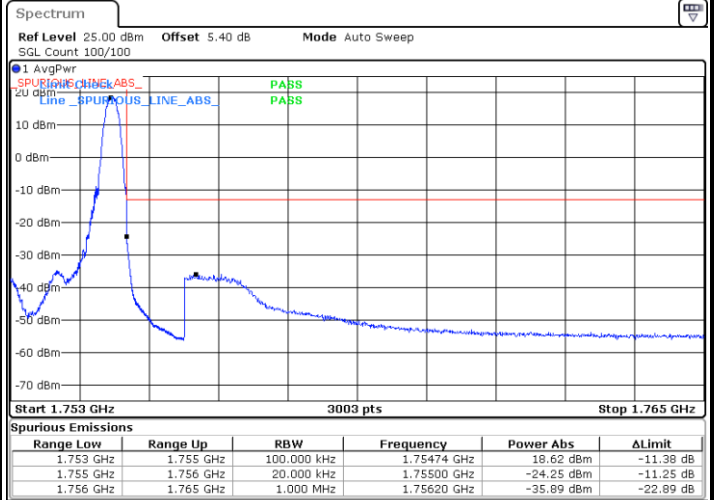
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



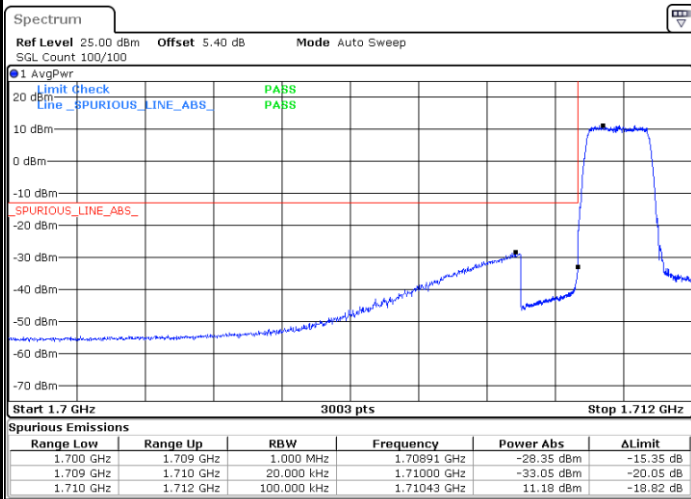
Date: 21.MAR.2022 15:15:59

Highest Band Edge / 1 RB



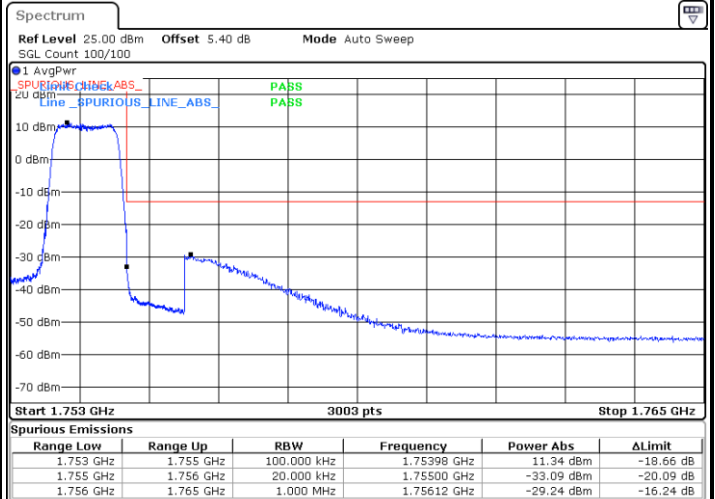
Date: 21.MAR.2022 15:35:21

Lowest Band Edge / Full RB



Date: 21.MAR.2022 15:24:57

Highest Band Edge / Full RB

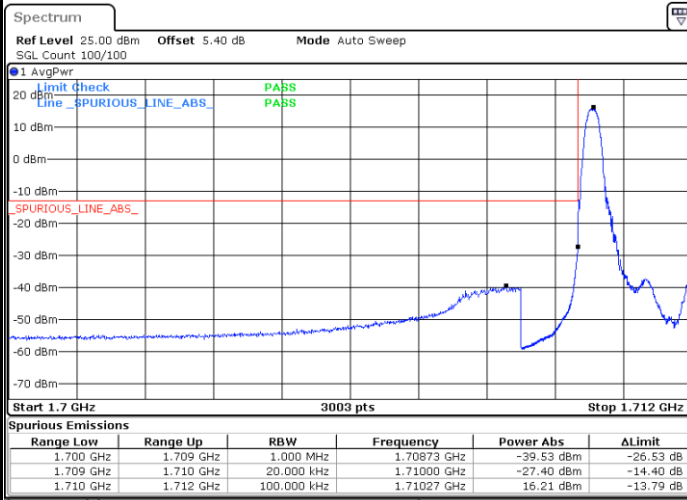


Date: 21.MAR.2022 15:40:13



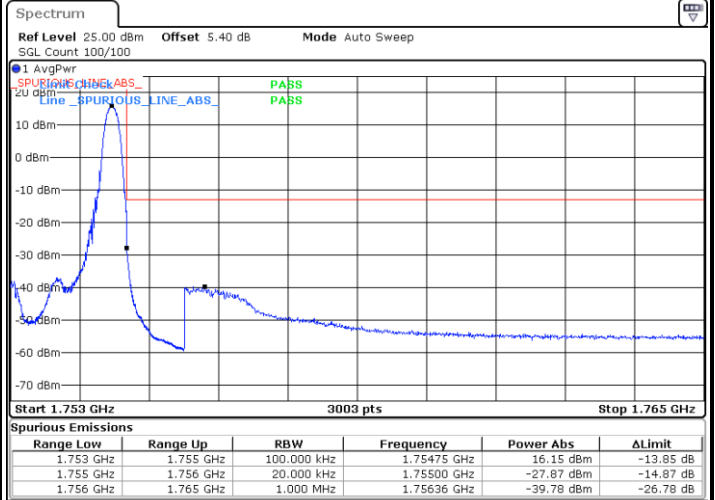
LTE Band 4 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



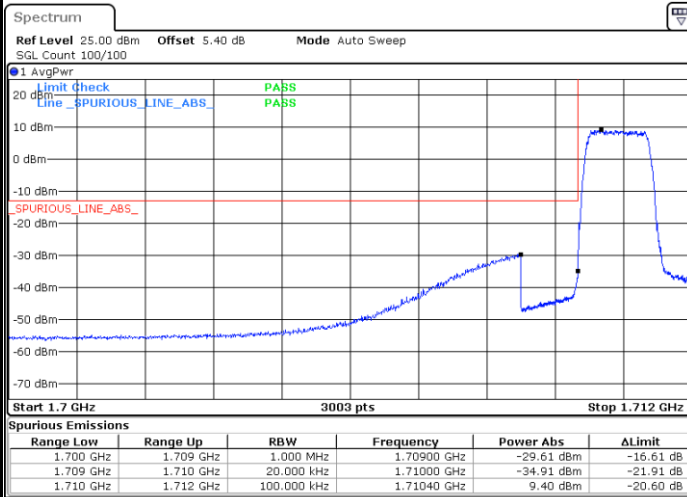
Date: 21.MAR.2022 15:17:23

Highest Band Edge / 1 RB



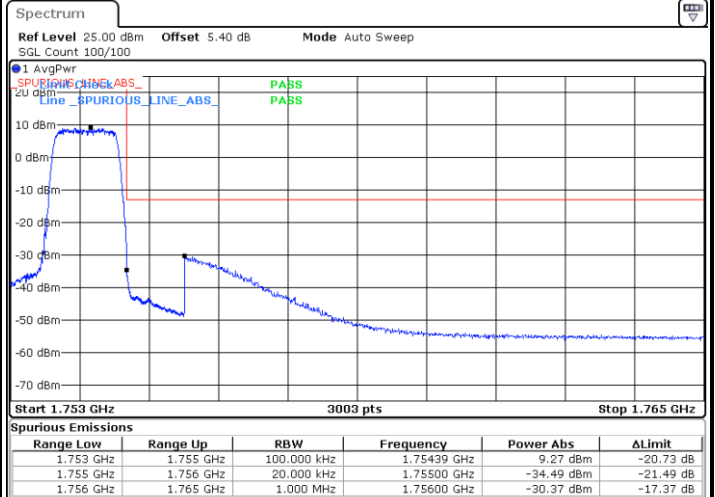
Date: 21.MAR.2022 15:36:44

Lowest Band Edge / Full RB



Date: 21.MAR.2022 15:21:52

Highest Band Edge / Full RB

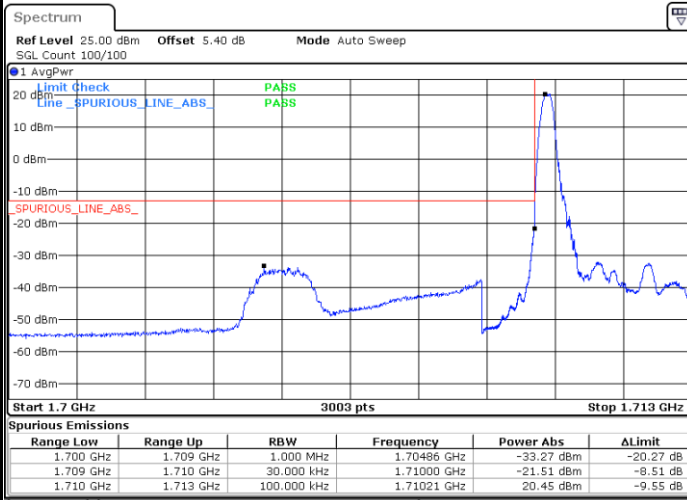


Date: 21.MAR.2022 15:38:50



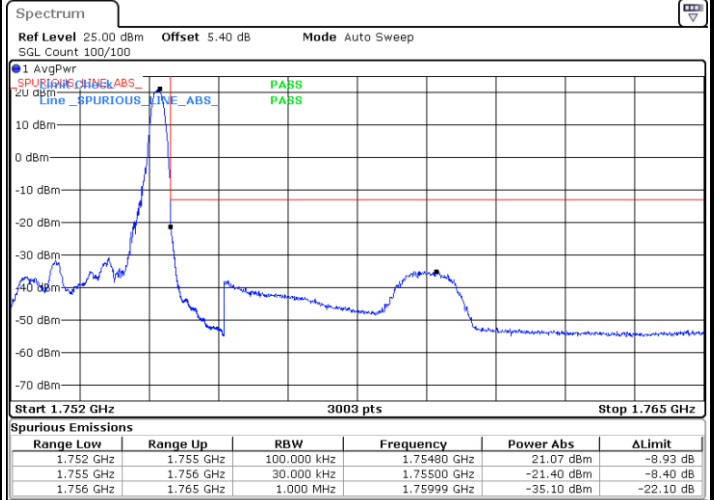
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



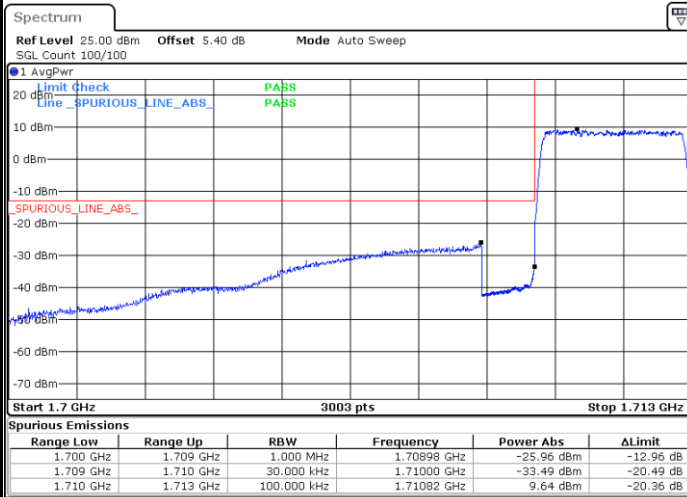
Date: 21.MAR.2022 15:45:58

Highest Band Edge / 1 RB



Date: 22.MAR.2022 10:13:08

Lowest Band Edge / Full RB



Date: 22.MAR.2022 10:08:09

Highest Band Edge / Full RB

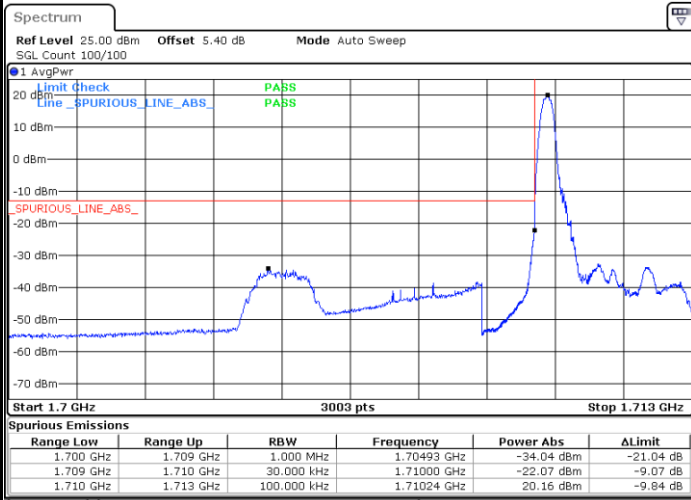


Date: 22.MAR.2022 10:23:08



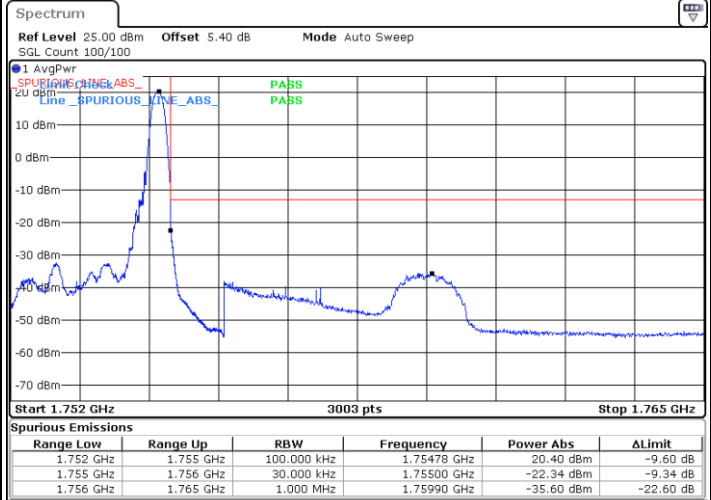
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



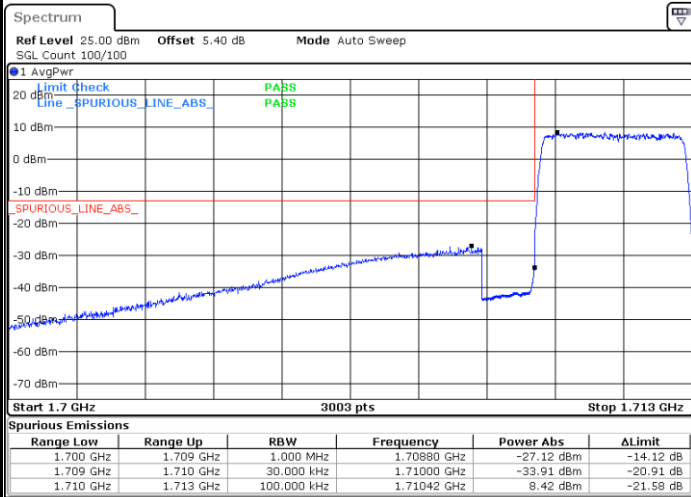
Date: 21.MAR.2022 15:47:21

Highest Band Edge / 1 RB



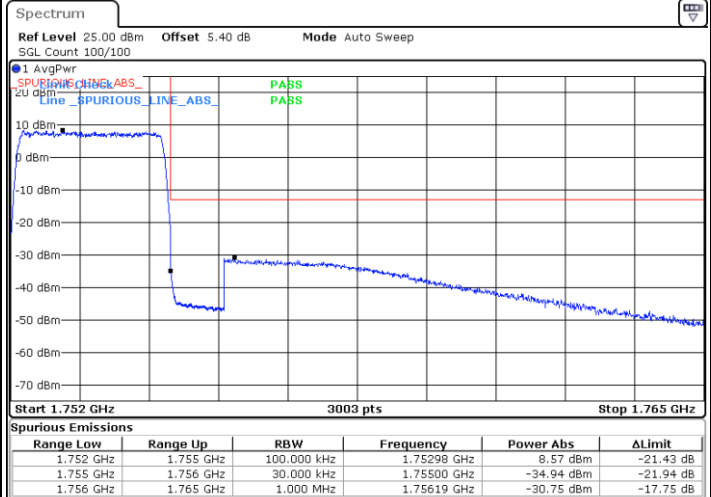
Date: 22.MAR.2022 10:14:34

Lowest Band Edge / Full RB



Date: 22.MAR.2022 10:06:44

Highest Band Edge / Full RB

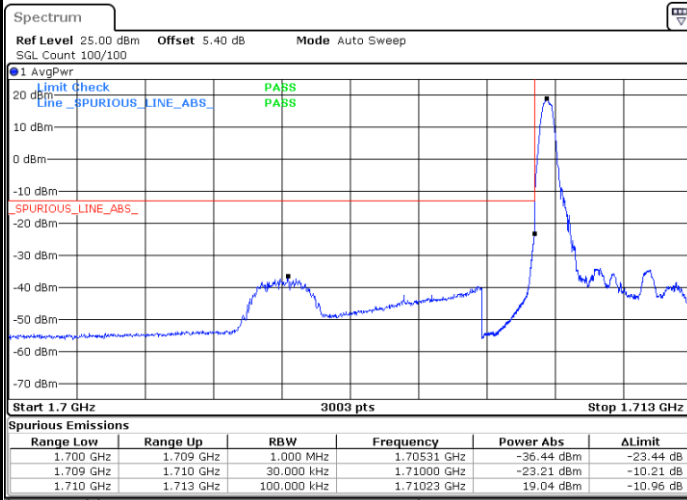


Date: 22.MAR.2022 10:21:43



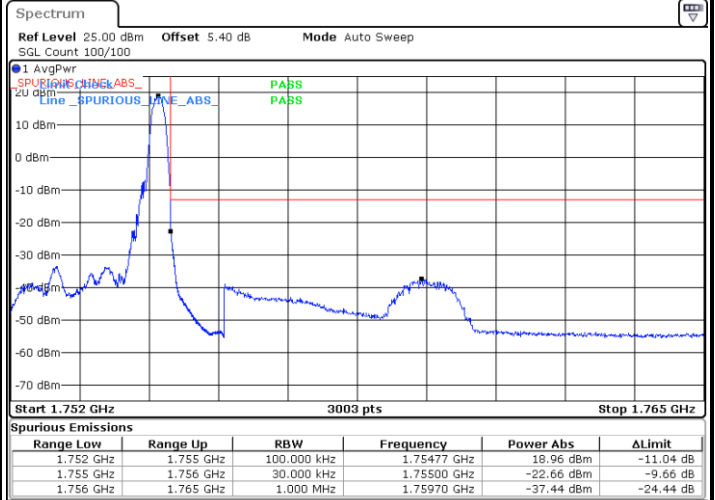
LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



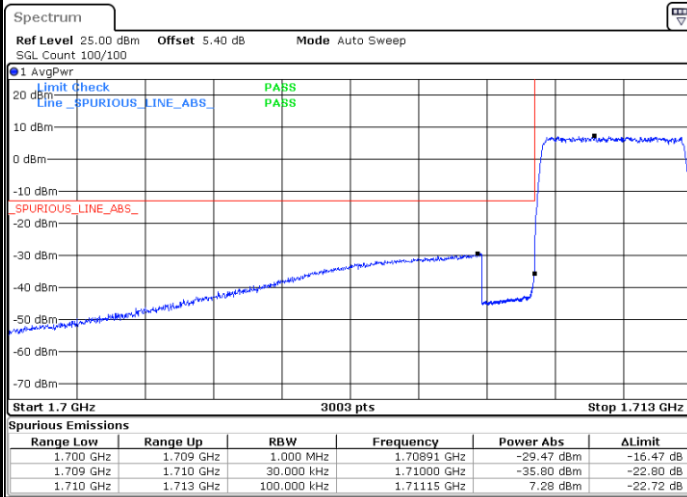
Date: 21.MAR.2022 15:48:44

Highest Band Edge / 1 RB



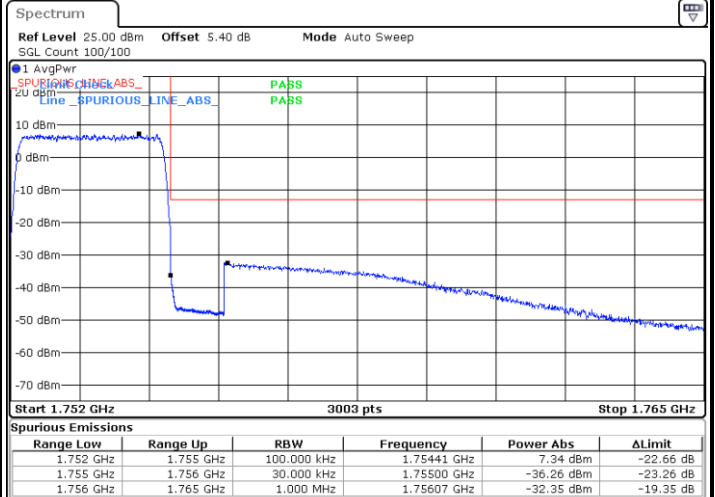
Date: 22.MAR.2022 10:15:59

Lowest Band Edge / Full RB



Date: 22.MAR.2022 10:05:19

Highest Band Edge / Full RB

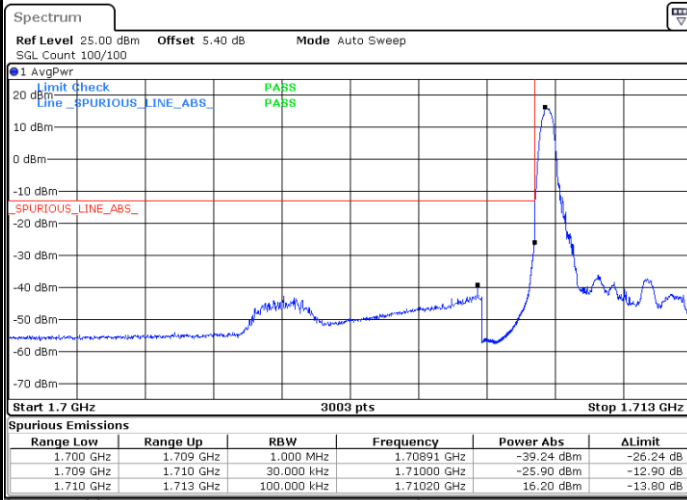


Date: 22.MAR.2022 10:20:17



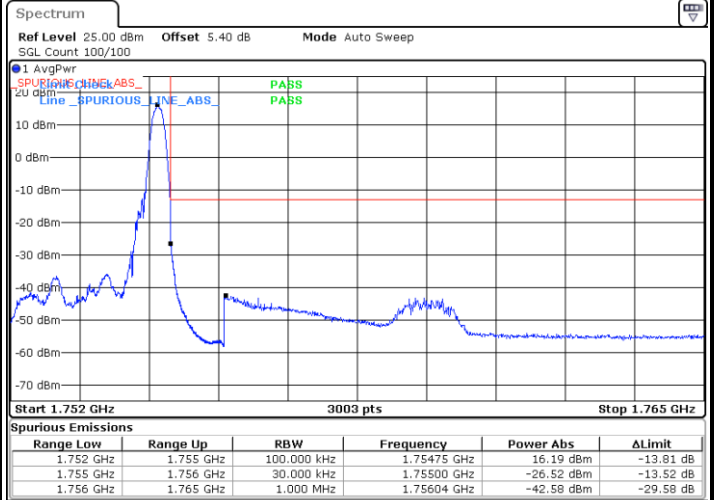
LTE Band 4 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



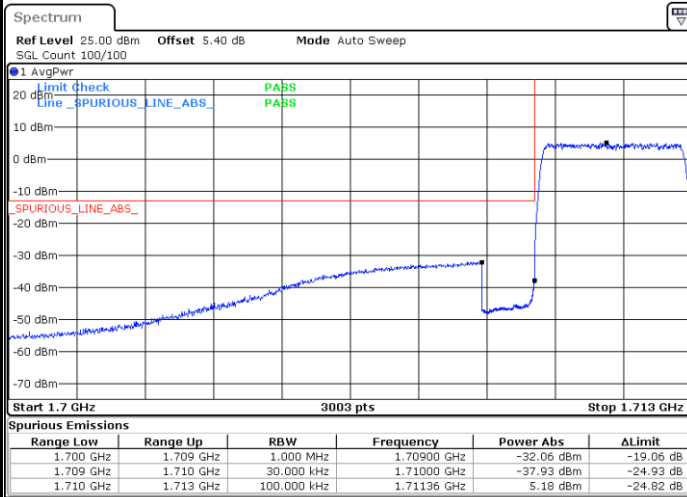
Date: 21.MAR.2022 15:50:07

Highest Band Edge / 1 RB



Date: 22.MAR.2022 10:17:25

Lowest Band Edge / Full RB



Date: 22.MAR.2022 10:03:54

Highest Band Edge / Full RB

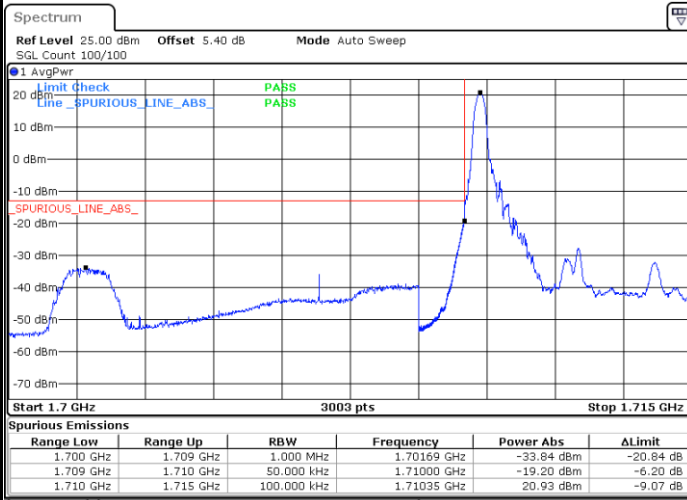


Date: 22.MAR.2022 10:18:53



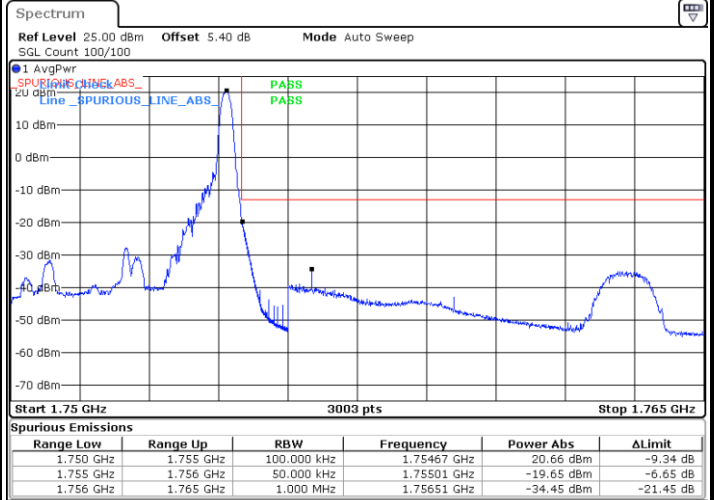
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



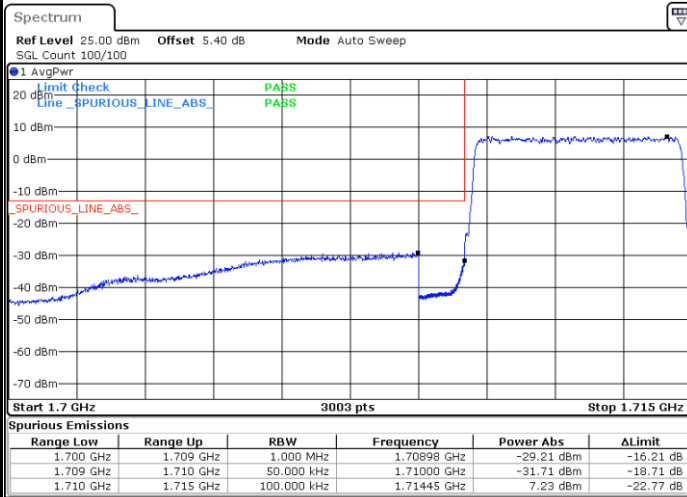
Date: 22.MAR.2022 10:26:10

Highest Band Edge / 1 RB



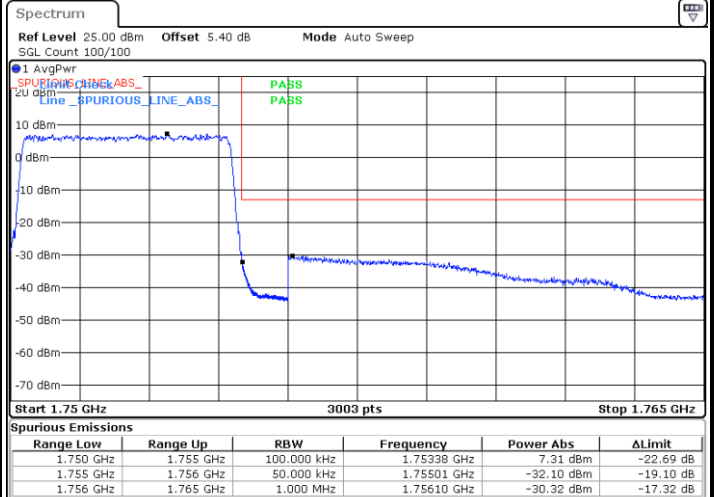
Date: 22.MAR.2022 10:42:49

Lowest Band Edge / Full RB



Date: 22.MAR.2022 10:37:52

Highest Band Edge / Full RB

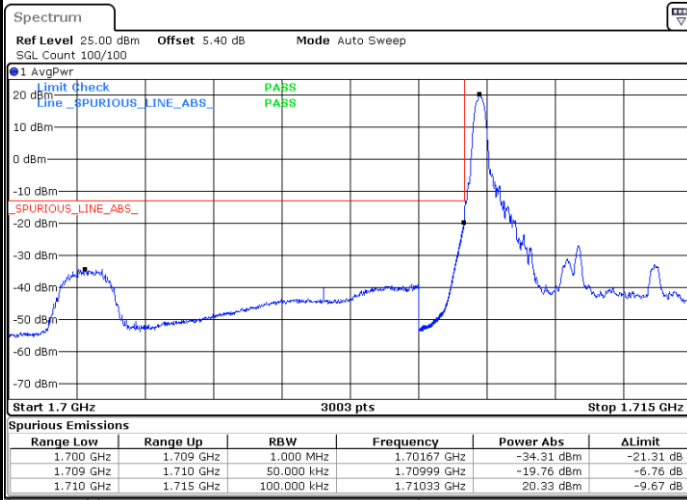


Date: 22.MAR.2022 10:54:30



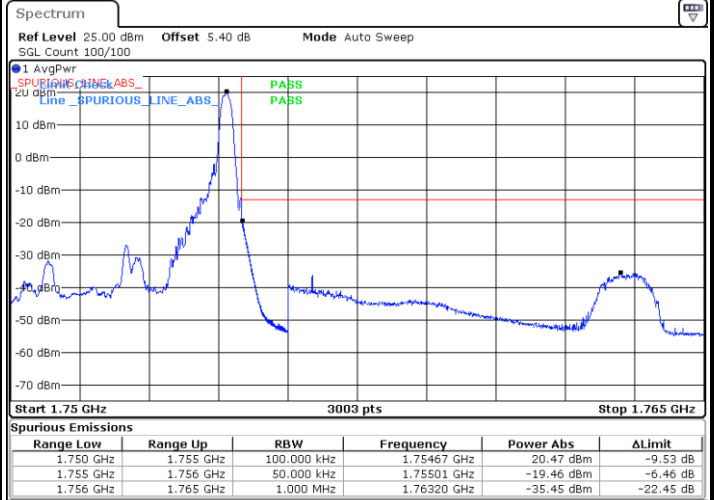
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



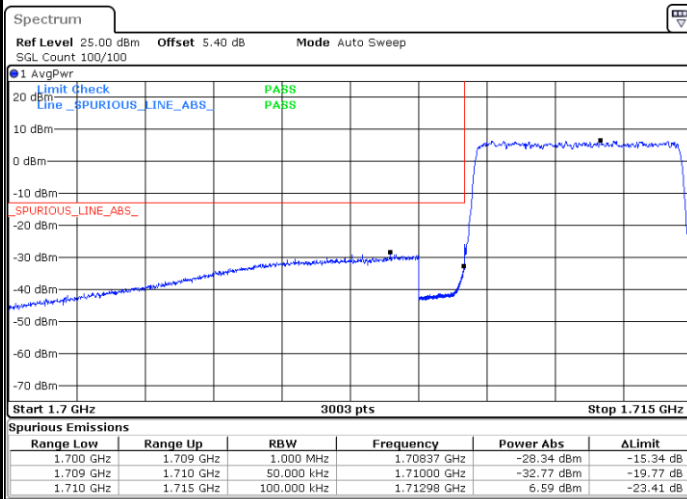
Date: 22.MAR.2022 10:27:36

Highest Band Edge / 1 RB



Date: 22.MAR.2022 10:44:14

Lowest Band Edge / Full RB



Date: 22.MAR.2022 10:36:27

Highest Band Edge / Full RB

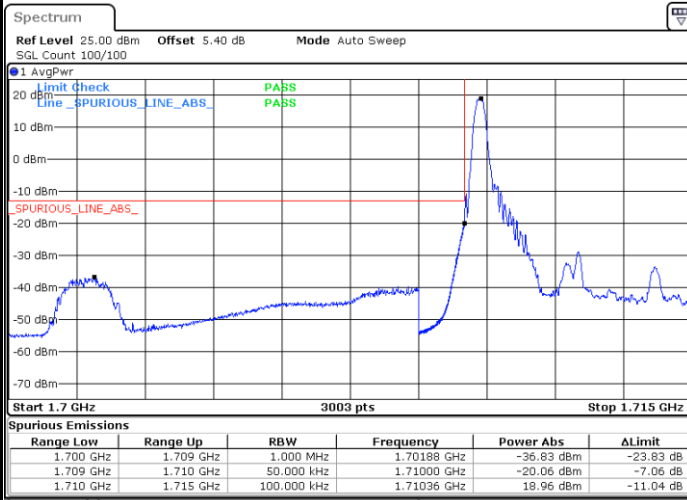


Date: 22.MAR.2022 10:53:05



LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / 1RB



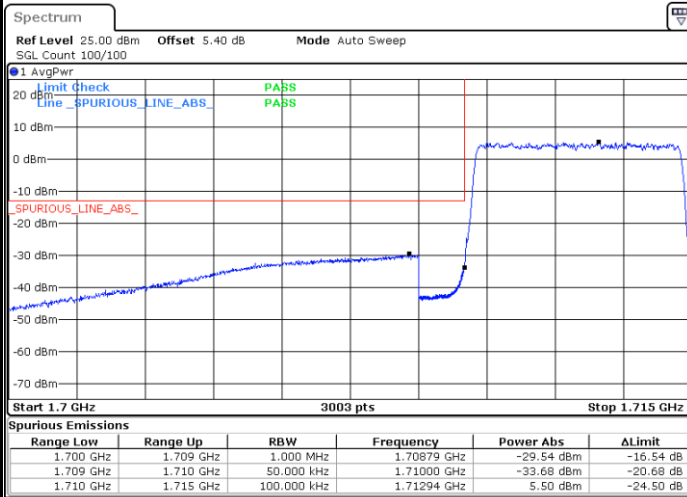
Date: 22.MAR.2022 10:29:01

Highest Band Edge / 1 RB



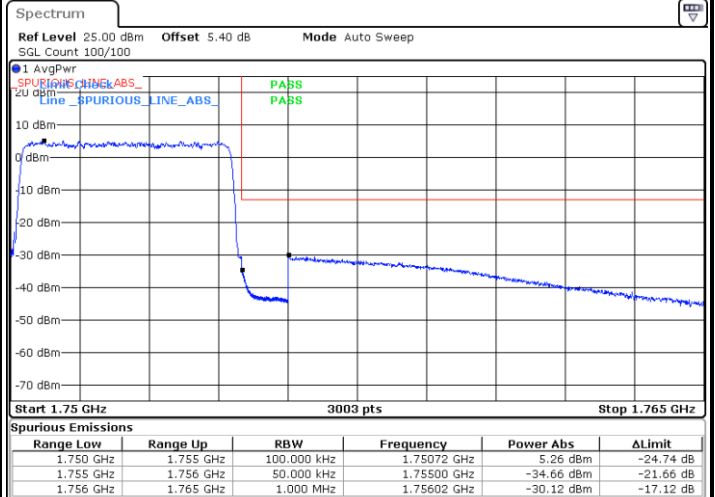
Date: 22.MAR.2022 10:45:39

Lowest Band Edge / Full RB



Date: 22.MAR.2022 10:35:02

Highest Band Edge / Full RB

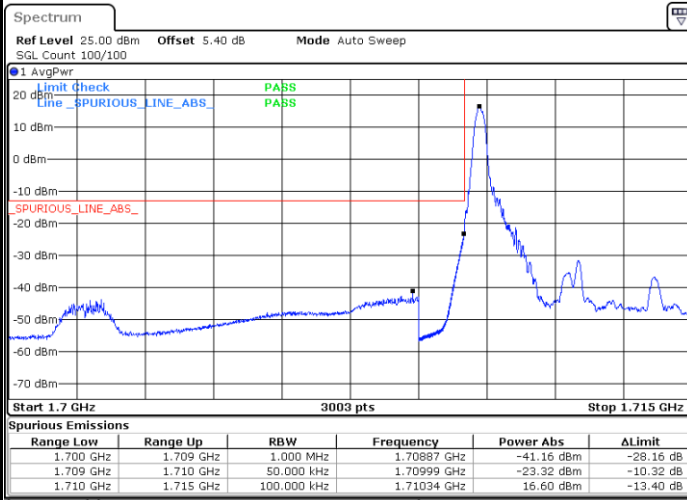


Date: 22.MAR.2022 10:51:40

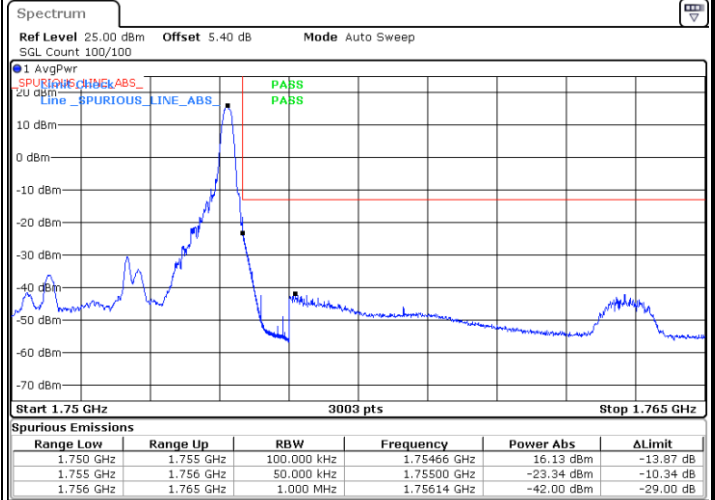


LTE Band 4 / 5MHz / 256QAM

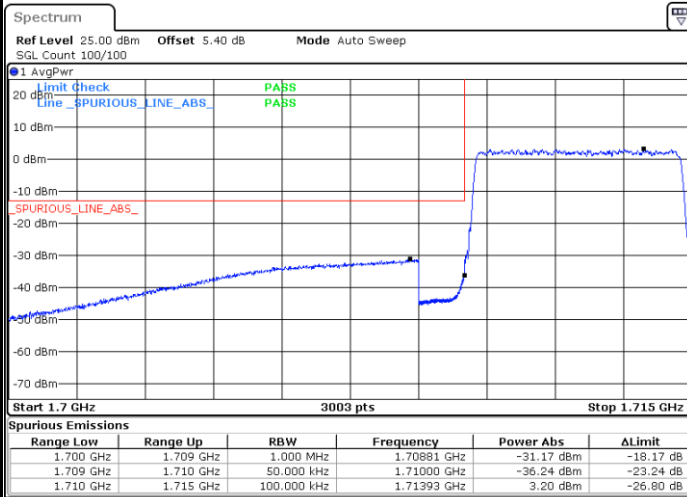
Lowest Band Edge / 1RB



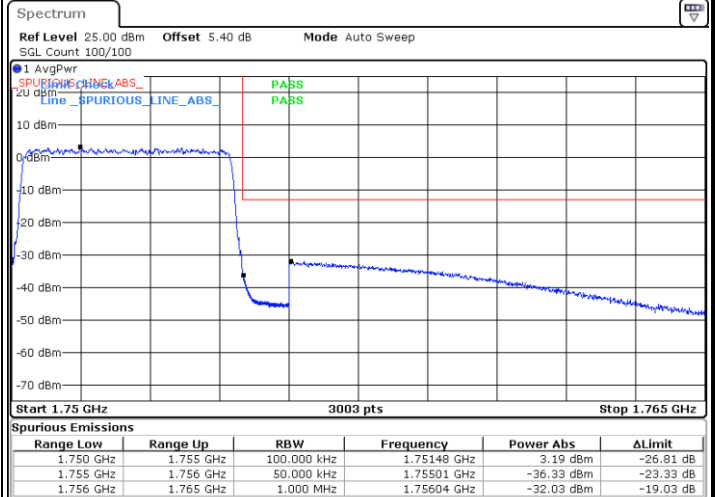
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



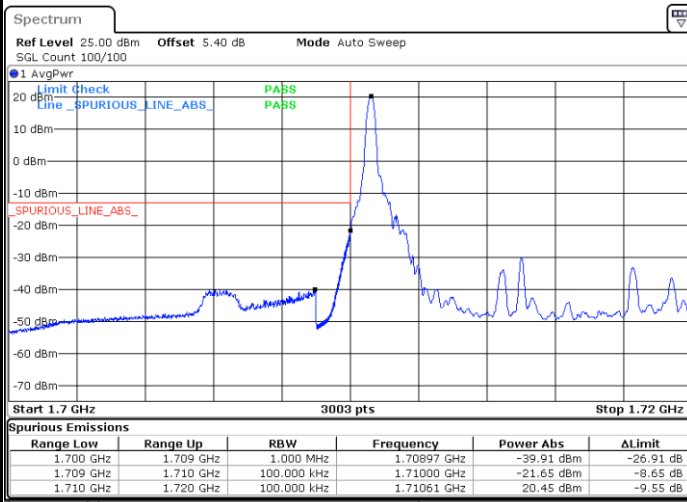
Highest Band Edge / Full RB





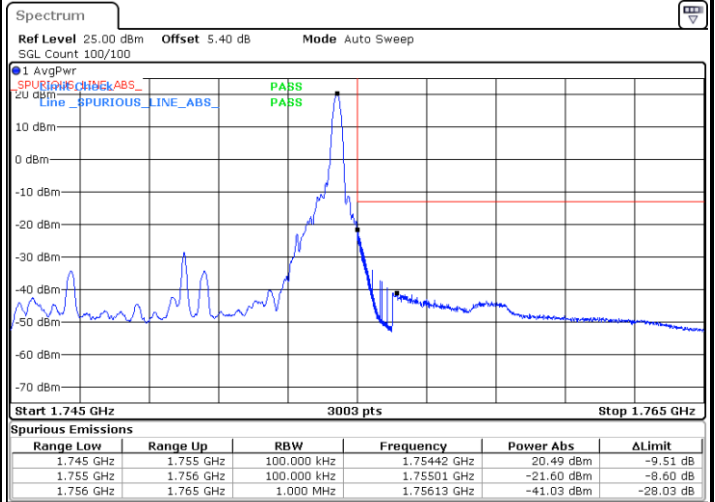
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



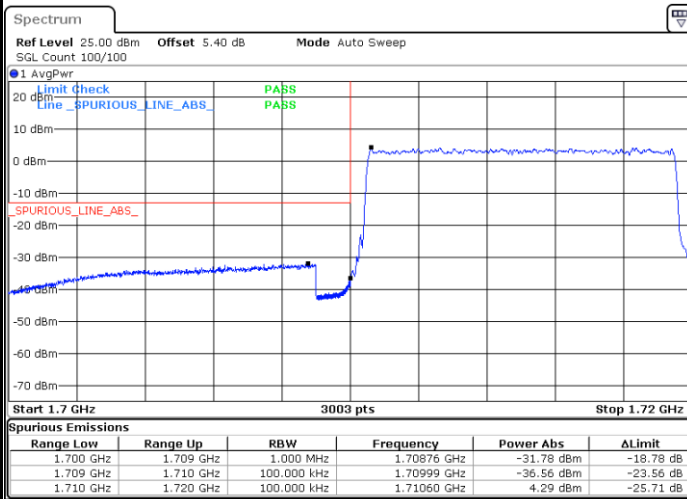
Date: 22.MAR.2022 10:57:30

Highest Band Edge / 1 RB



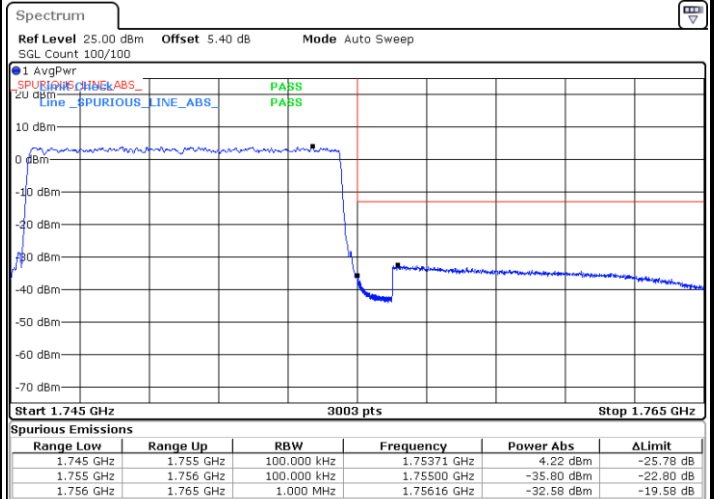
Date: 22.MAR.2022 11:14:10

Lowest Band Edge / Full RB



Date: 22.MAR.2022 11:09:12

Highest Band Edge / Full RB

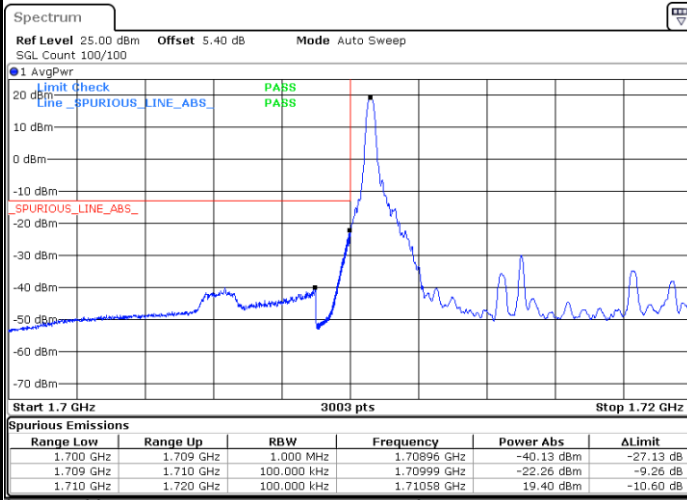


Date: 22.MAR.2022 11:24:11



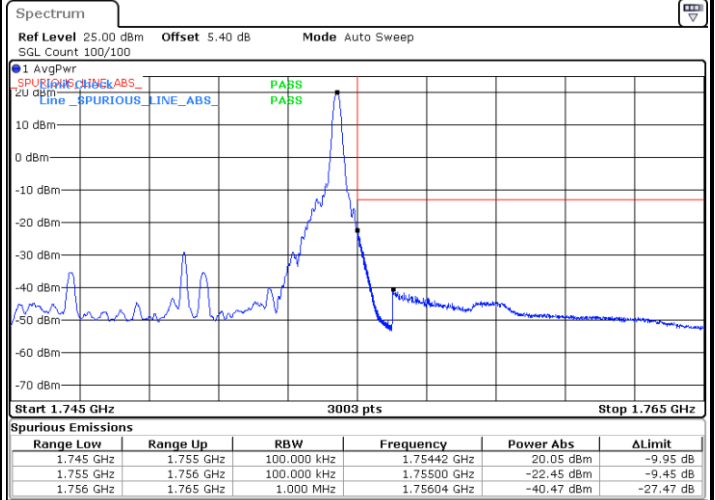
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



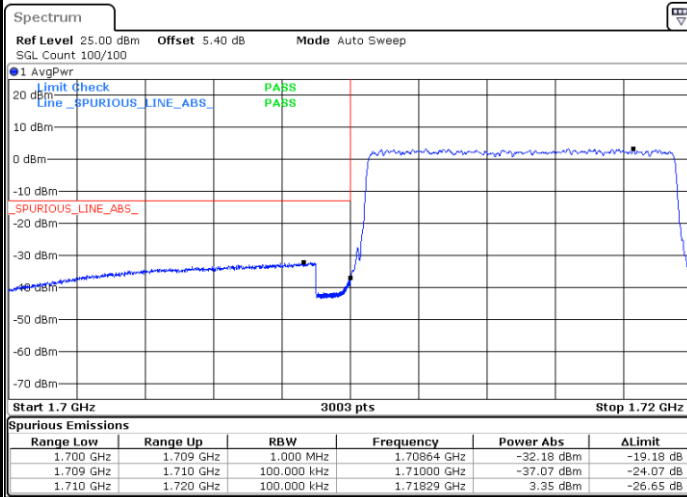
Date: 22.MAR.2022 10:58:55

Highest Band Edge / 1 RB



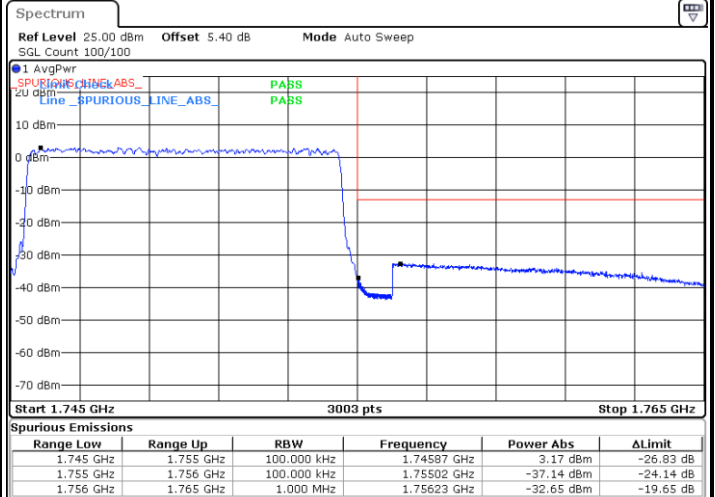
Date: 22.MAR.2022 11:15:35

Lowest Band Edge / Full RB



Date: 22.MAR.2022 11:07:48

Highest Band Edge / Full RB

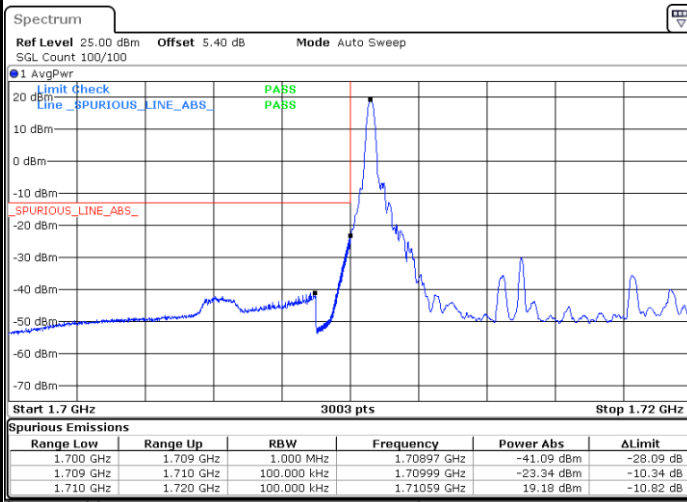


Date: 22.MAR.2022 11:22:46



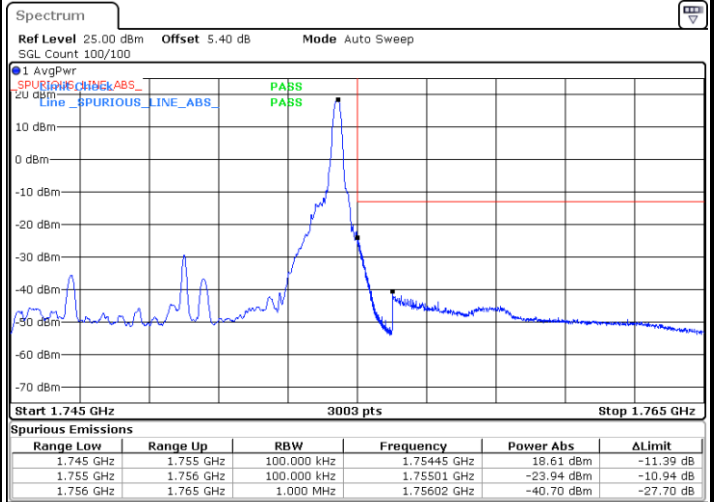
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



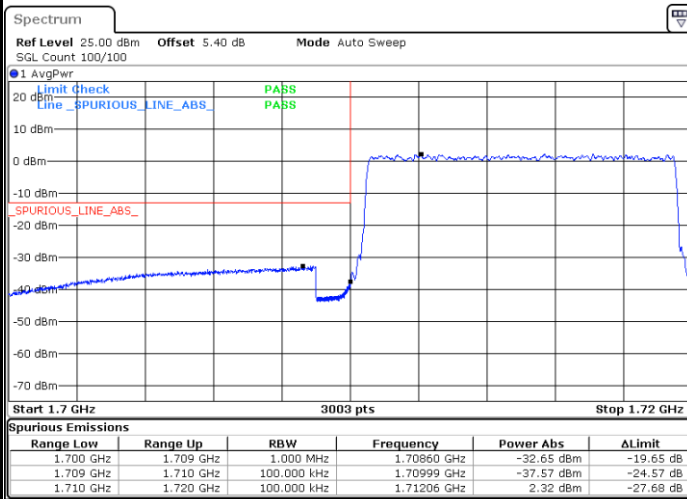
Date: 22.MAR.2022 11:00:20

Highest Band Edge / 1 RB



Date: 22.MAR.2022 11:17:01

Lowest Band Edge / Full RB



Date: 22.MAR.2022 11:06:23

Highest Band Edge / Full RB



Date: 22.MAR.2022 11:21:16