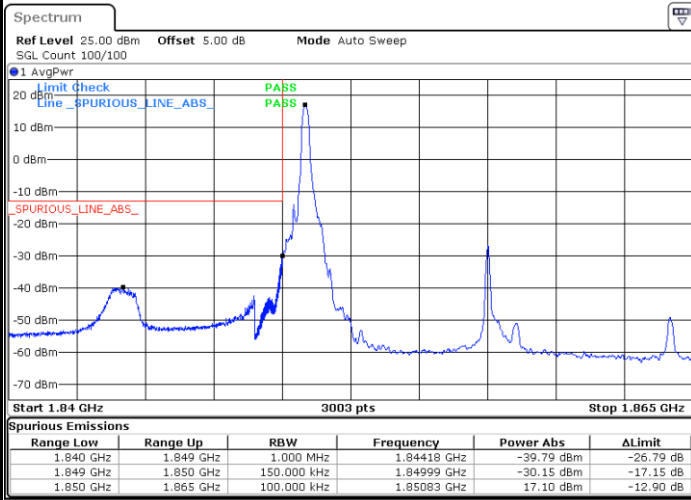




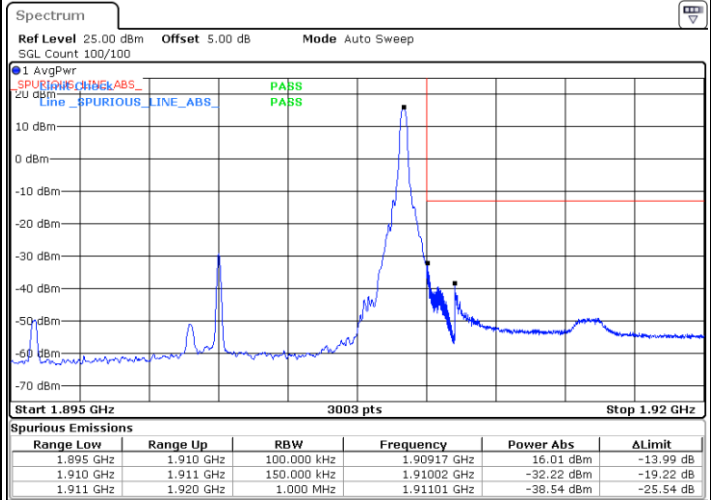
LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



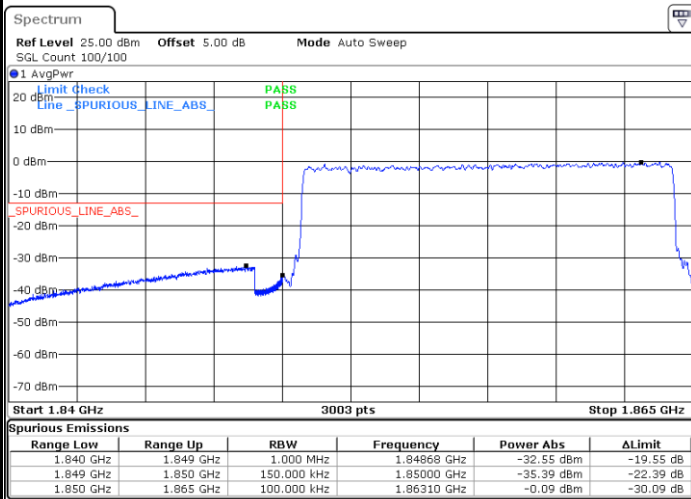
Date: 5.AUG.2022 12:04:13

Highest Band Edge / 1 RB



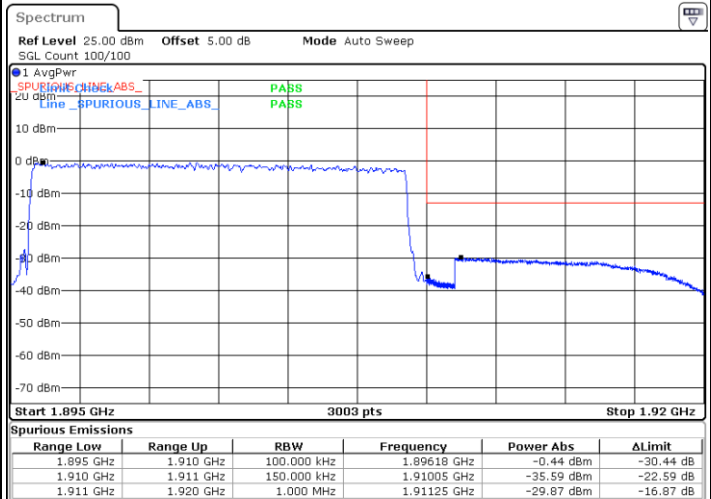
Date: 5.AUG.2022 12:10:06

Lowest Band Edge / Full RB



Date: 5.AUG.2022 12:05:42

Highest Band Edge / Full RB

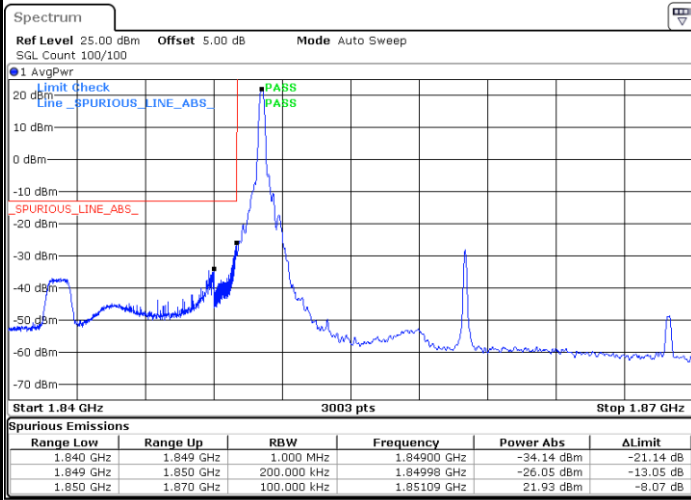


Date: 5.AUG.2022 12:09:29



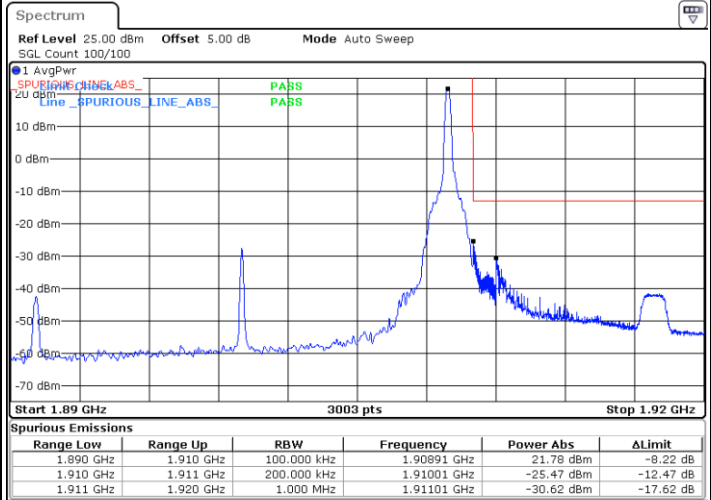
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



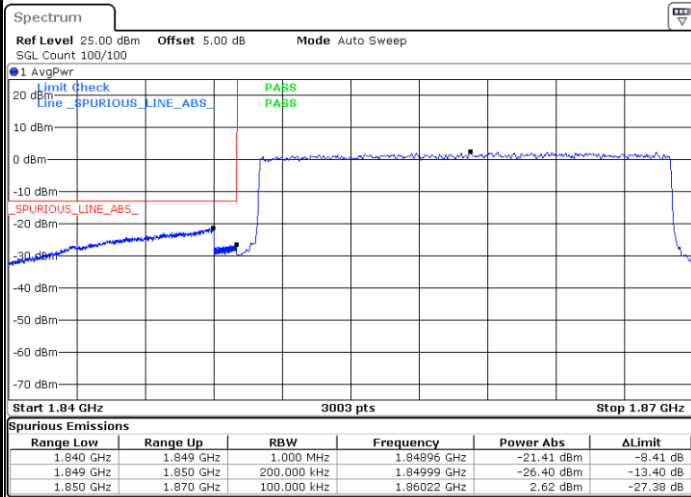
Date: 5.AUG.2022 12:12:13

Highest Band Edge / 1 RB



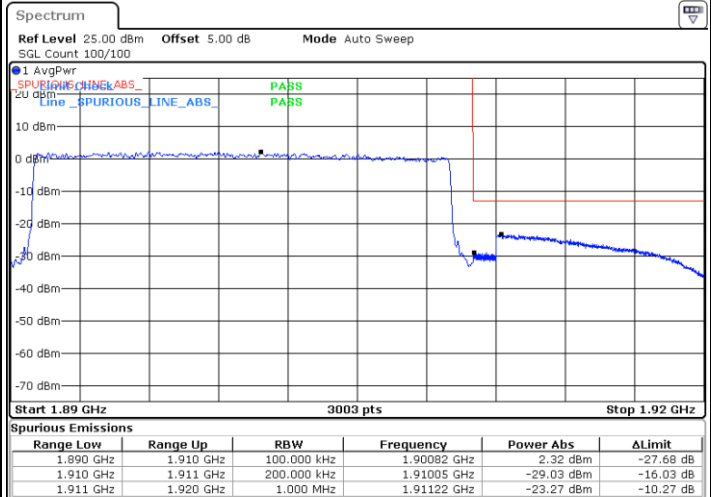
Date: 5.AUG.2022 13:25:11

Lowest Band Edge / Full RB



Date: 5.AUG.2022 14:42:35

Highest Band Edge / Full RB

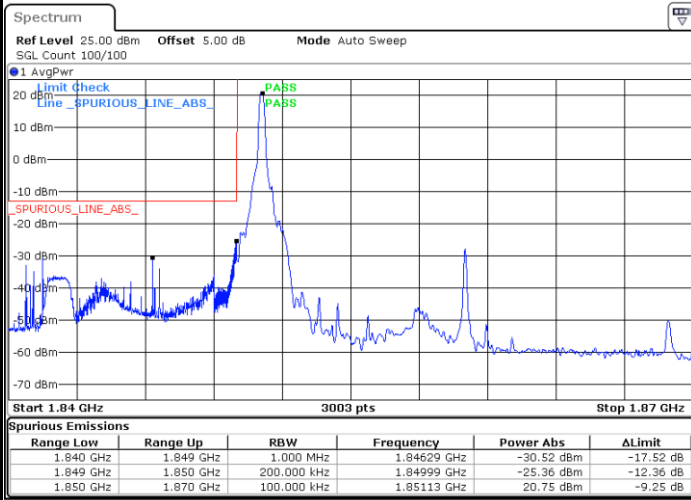


Date: 5.AUG.2022 13:21:22



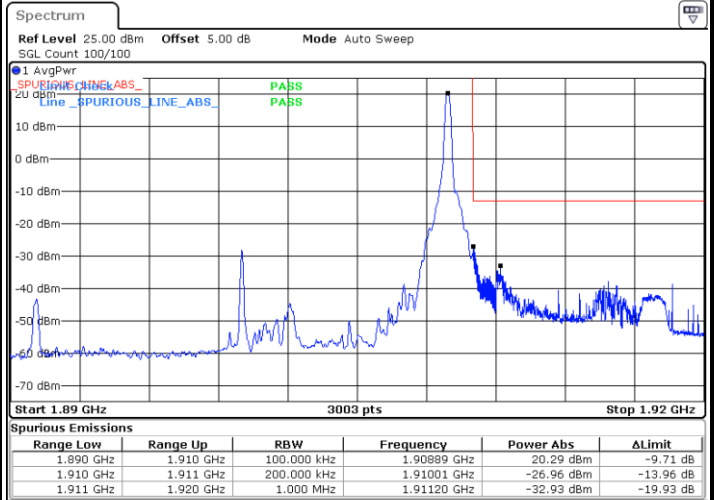
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



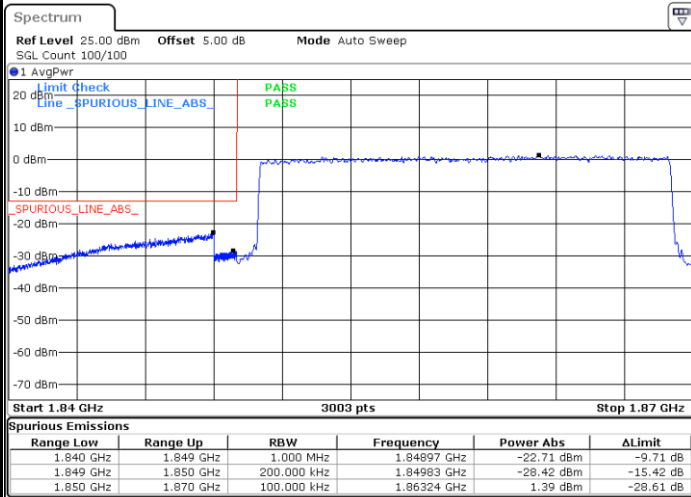
Date: 5.AUG.2022 12:12:39

Highest Band Edge / 1 RB



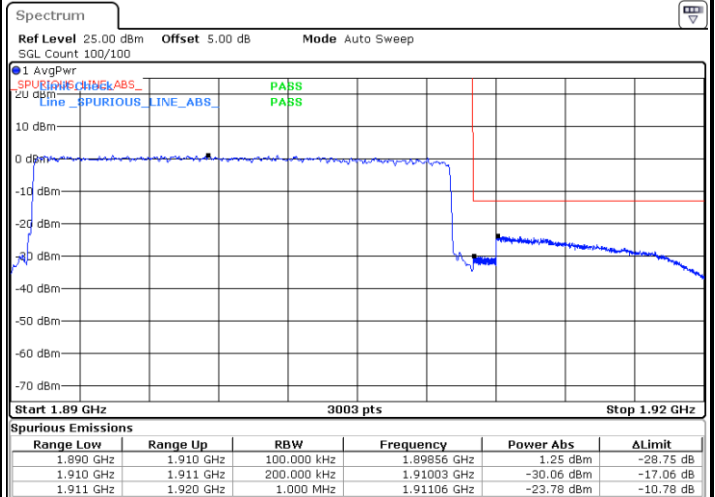
Date: 5.AUG.2022 13:24:45

Lowest Band Edge / Full RB



Date: 5.AUG.2022 12:16:08

Highest Band Edge / Full RB

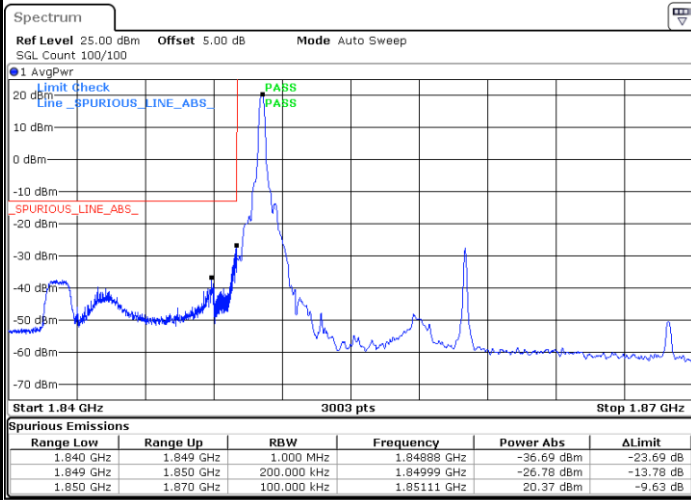


Date: 5.AUG.2022 13:21:56



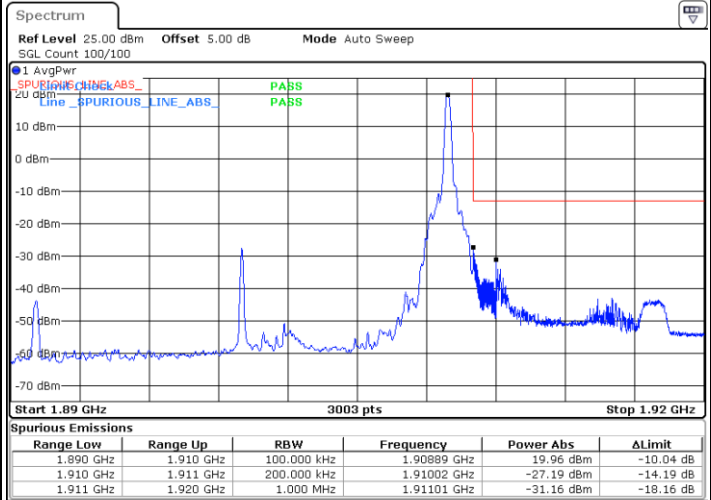
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



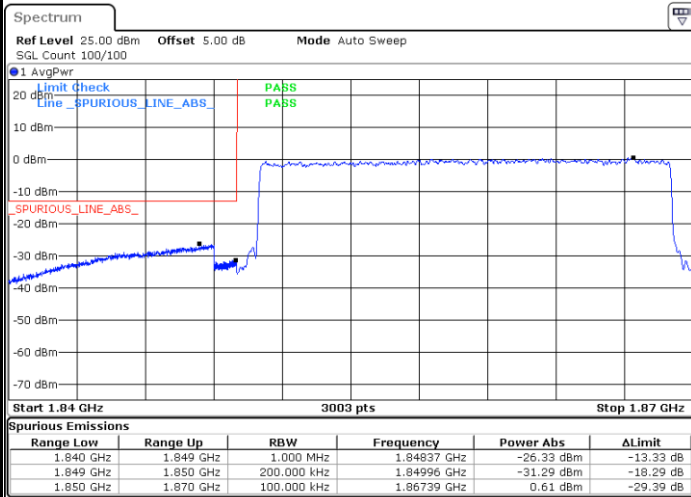
Date: 5.AUG.2022 12:13:05

Highest Band Edge / 1 RB



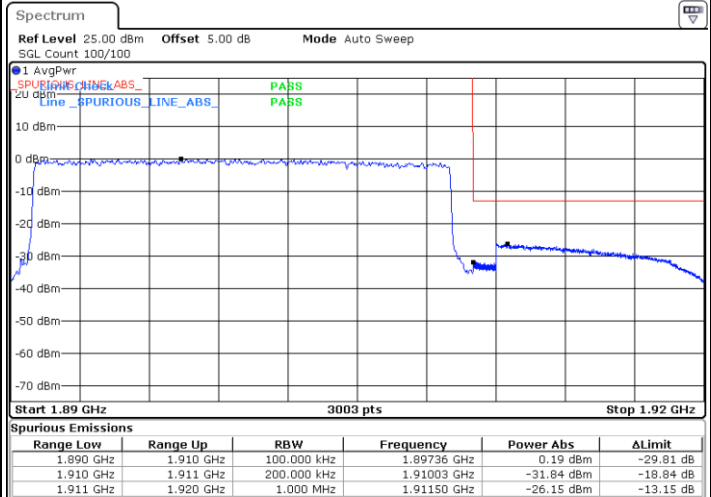
Date: 5.AUG.2022 13:24:21

Lowest Band Edge / Full RB



Date: 5.AUG.2022 12:15:44

Highest Band Edge / Full RB

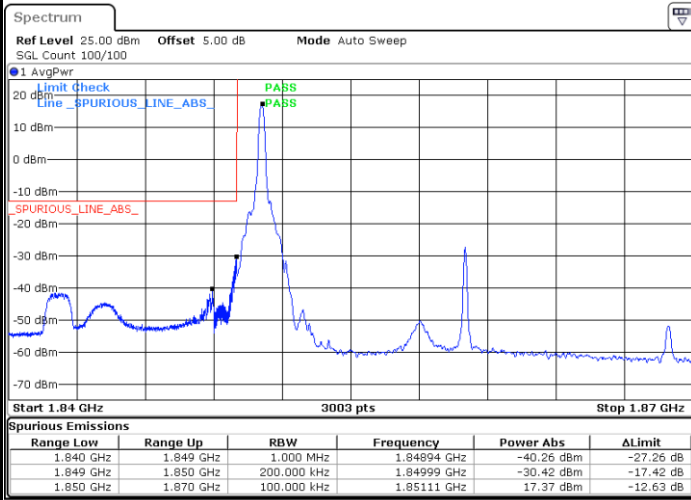


Date: 5.AUG.2022 13:22:22



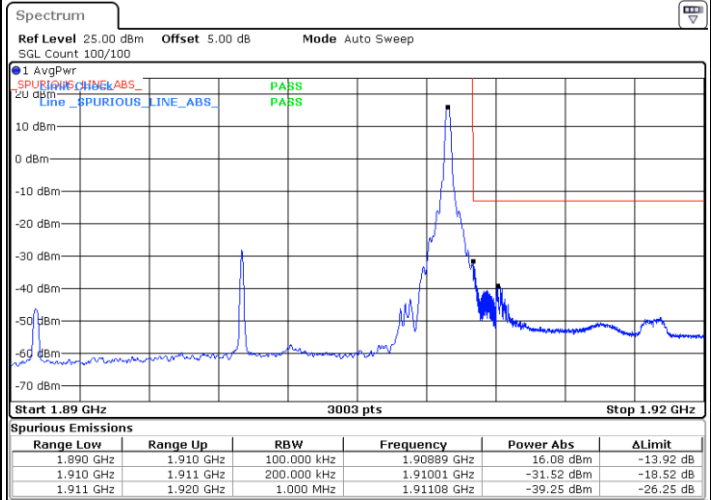
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



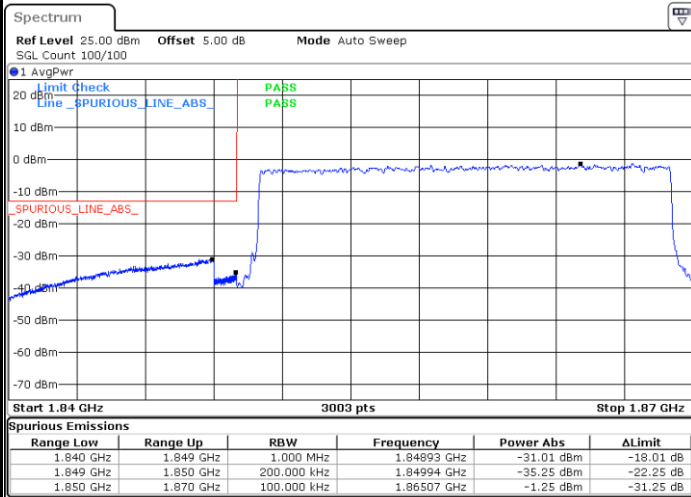
Date: 5.AUG.2022 12:13:33

Highest Band Edge / 1 RB



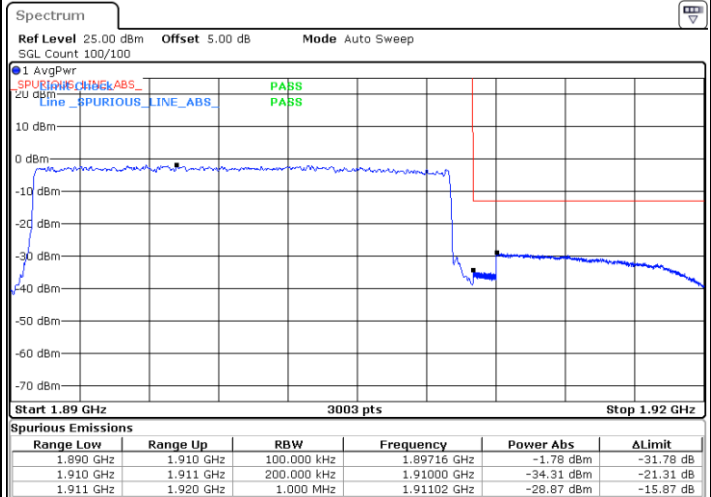
Date: 5.AUG.2022 13:23:51

Lowest Band Edge / Full RB



Date: 5.AUG.2022 12:15:05

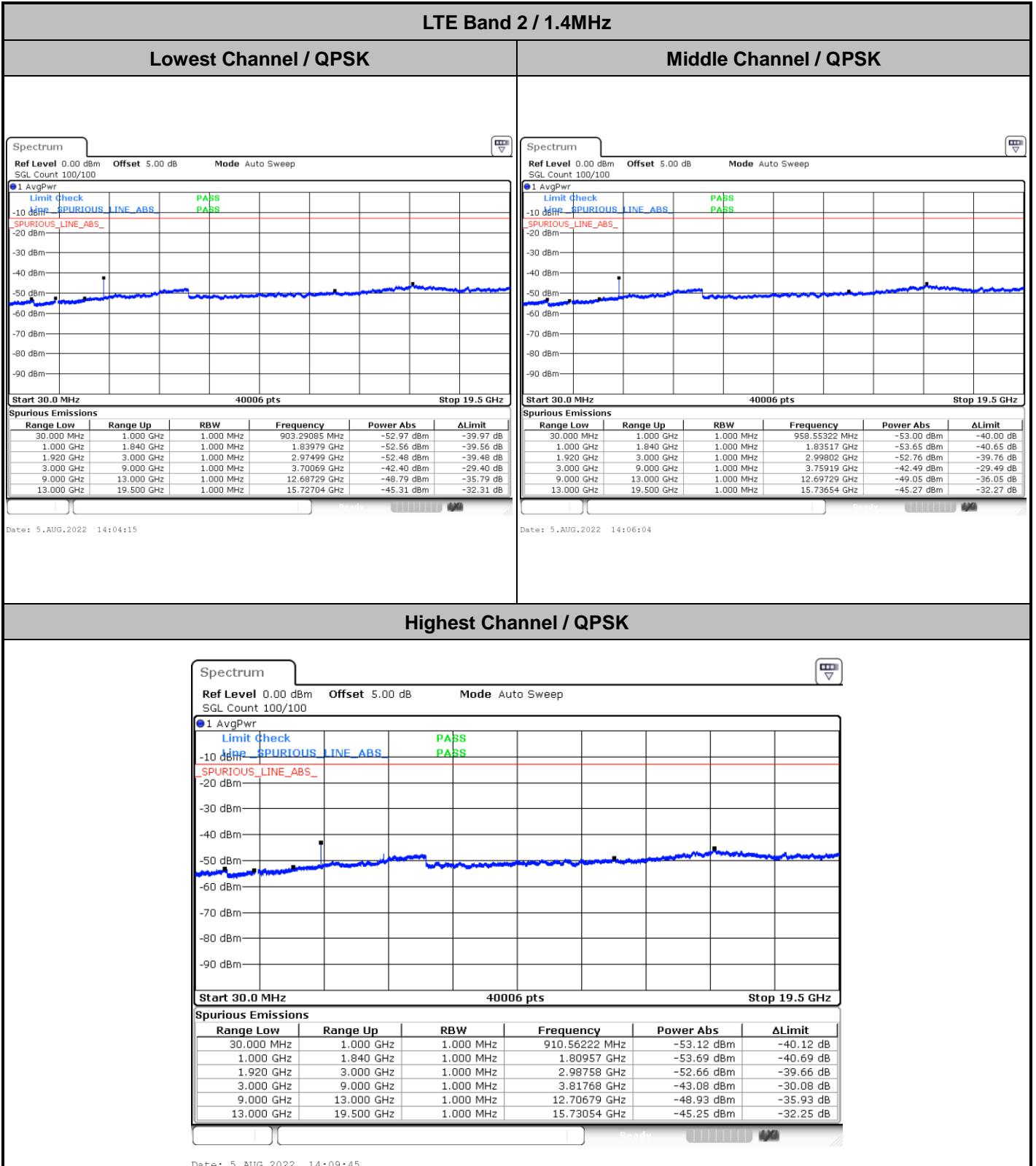
Highest Band Edge / Full RB



Date: 5.AUG.2022 13:23:22



Conducted Spurious Emission

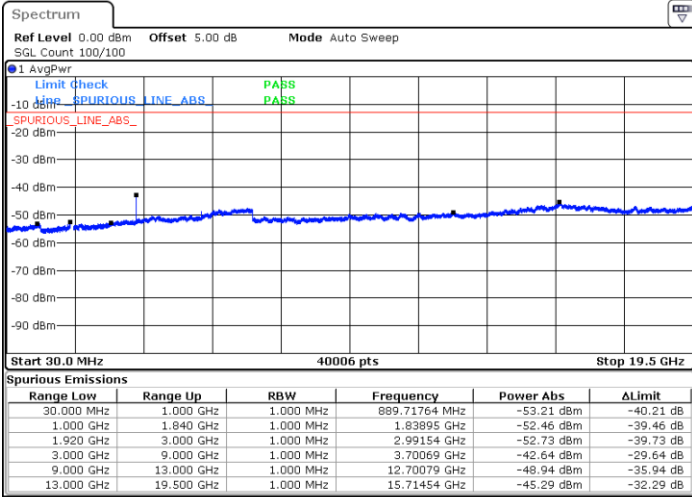




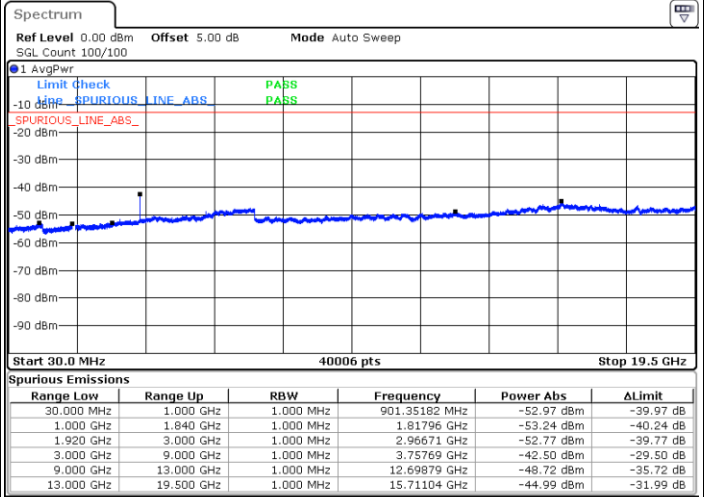
LTE Band 2 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

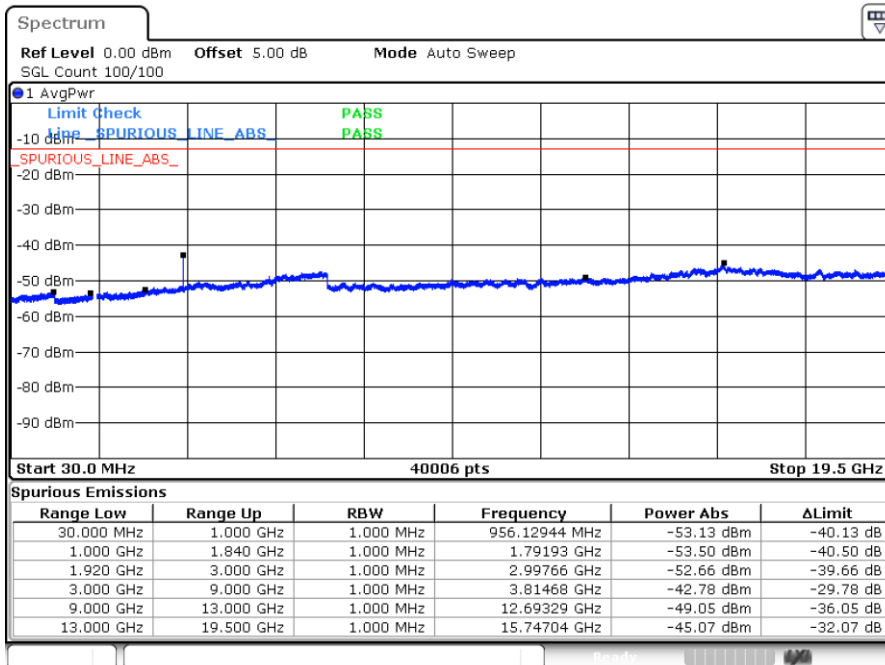


Date: 5.AUG.2022 13:58:10



Date: 5.AUG.2022 14:00:05

Highest Channel / QPSK



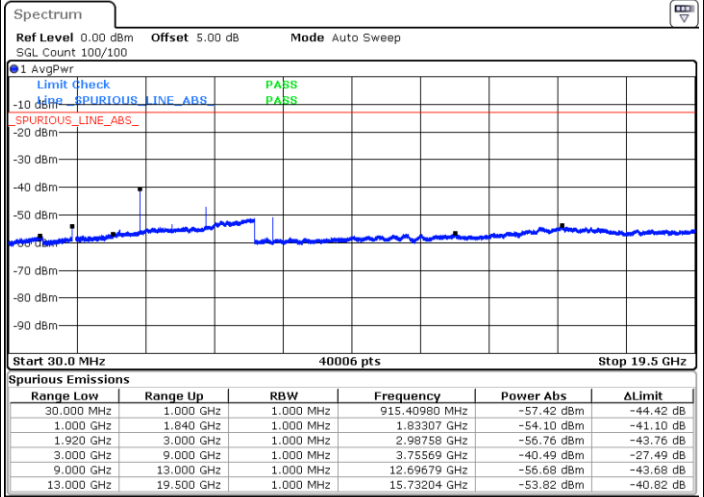
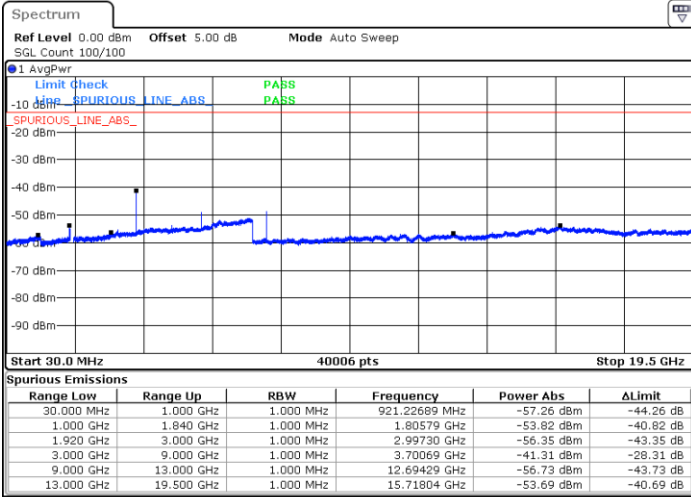
Date: 5.AUG.2022 14:01:50



LTE Band 2 / 5MHz

Lowest Channel / QPSK

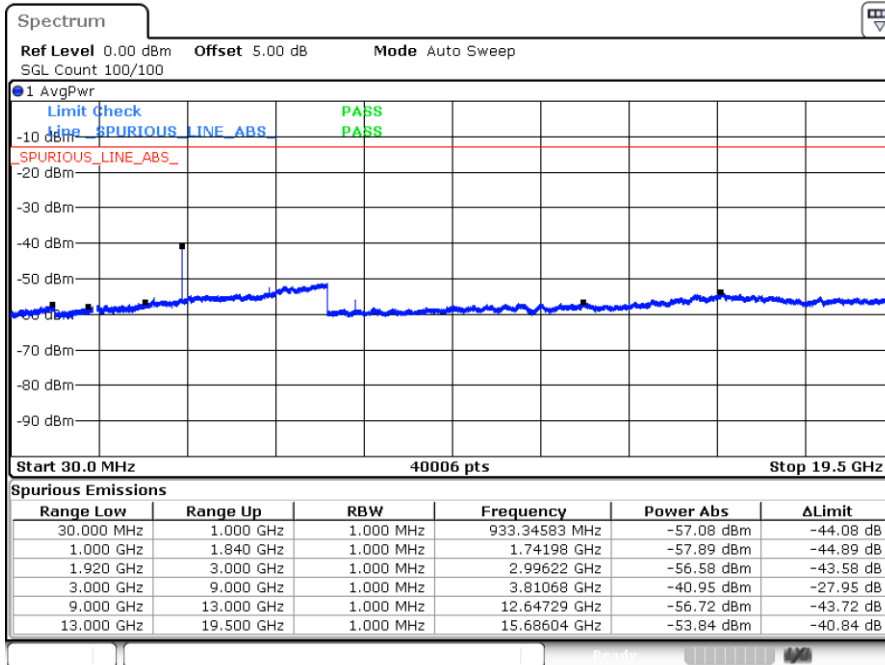
Middle Channel / QPSK



Date: 5.AUG.2022 13:51:52

Date: 5.AUG.2022 13:53:39

Highest Channel / QPSK



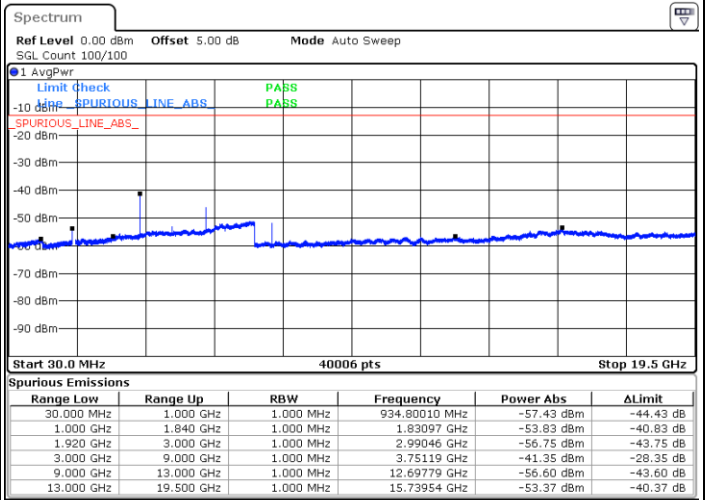
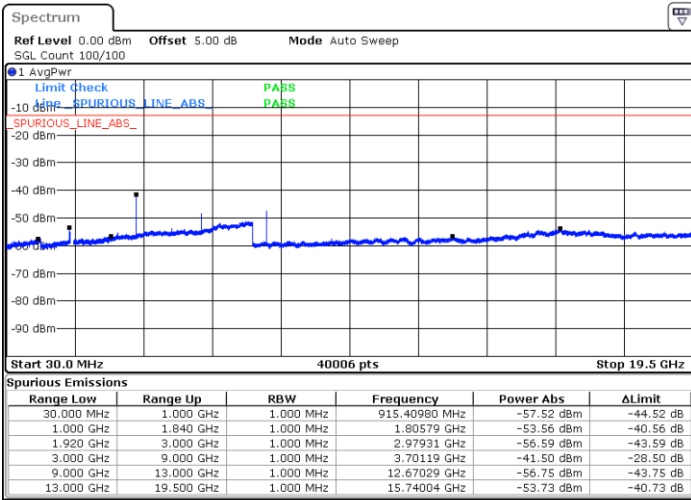
Date: 5.AUG.2022 13:55:26



LTE Band 2 / 10MHz

Lowest Channel / QPSK

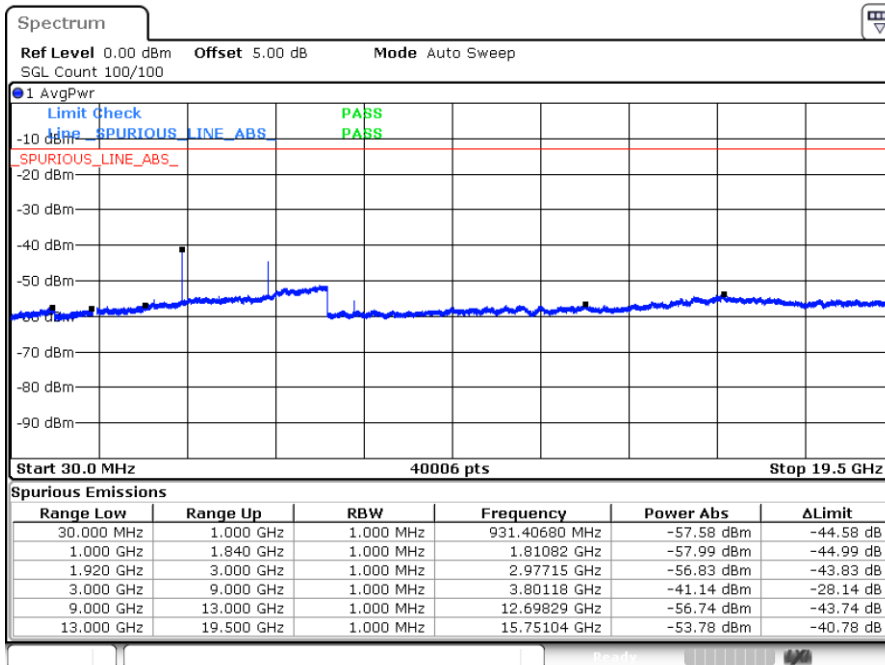
Middle Channel / QPSK



Date: 5.AUG.2022 13:46:23

Date: 5.AUG.2022 13:48:09

Highest Channel / QPSK

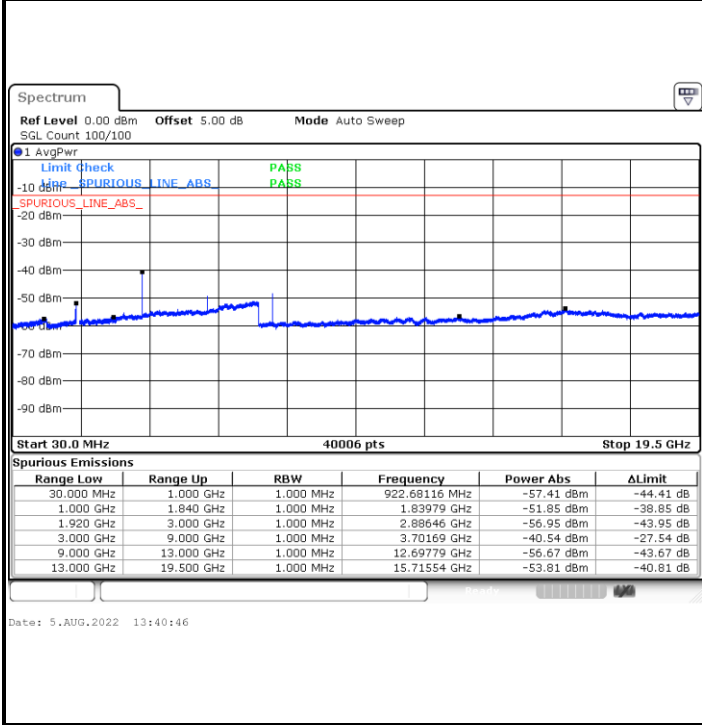


Date: 5.AUG.2022 13:49:55

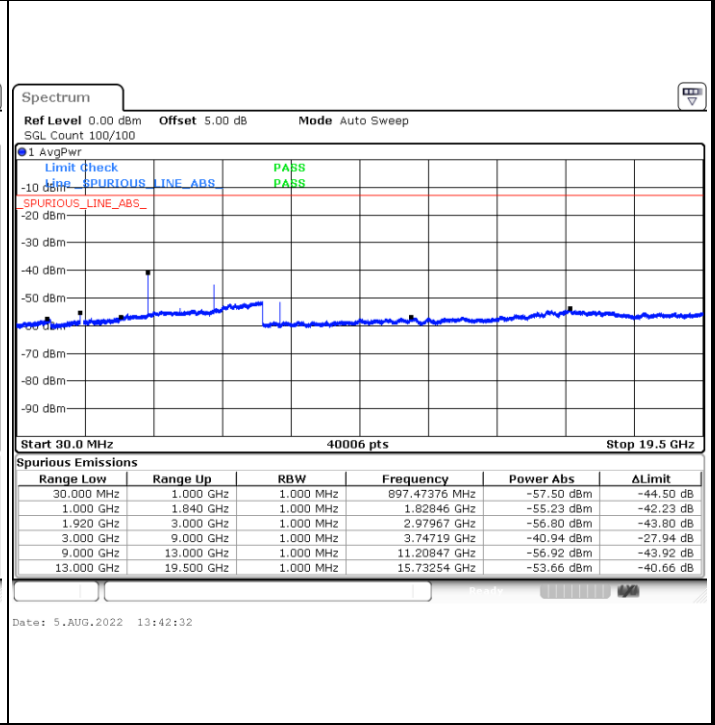


LTE Band 2 / 15MHz

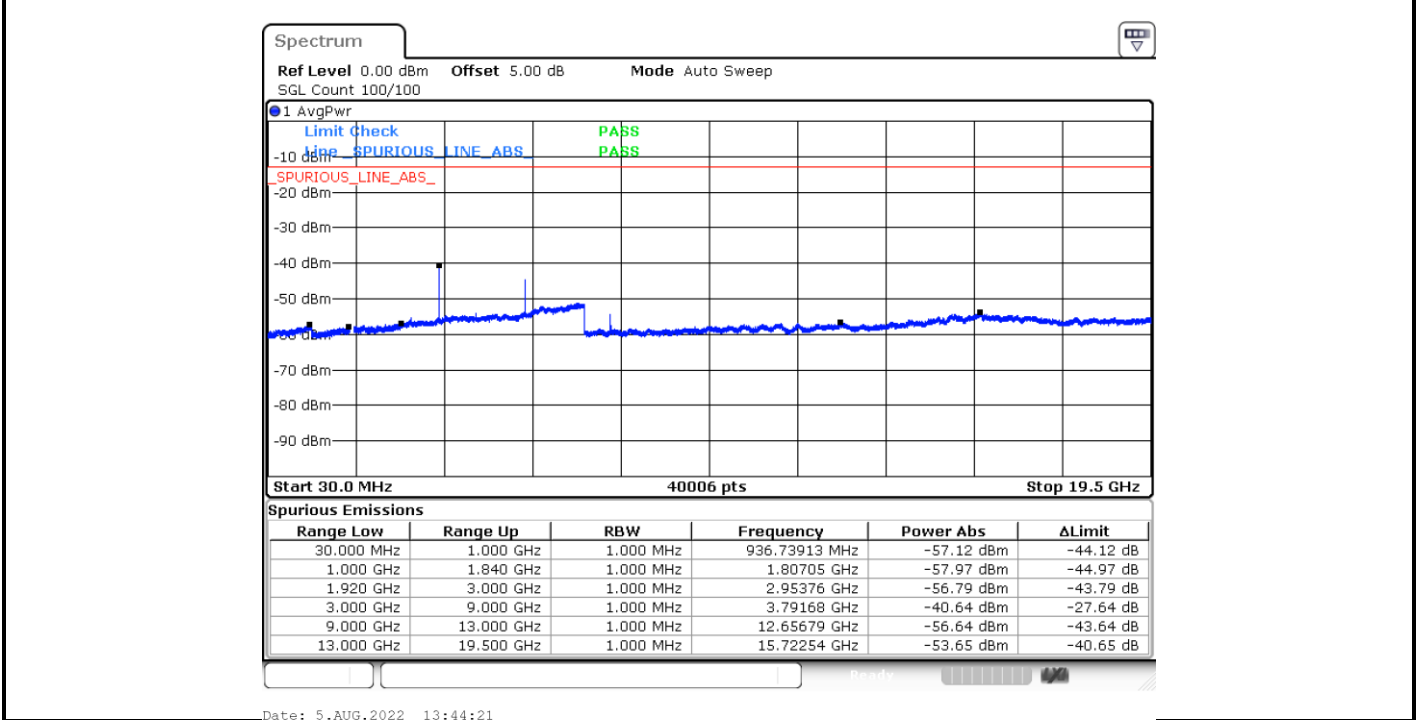
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

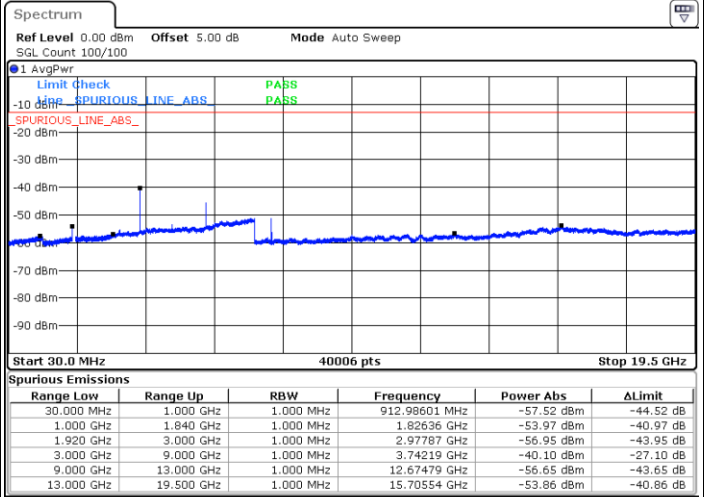
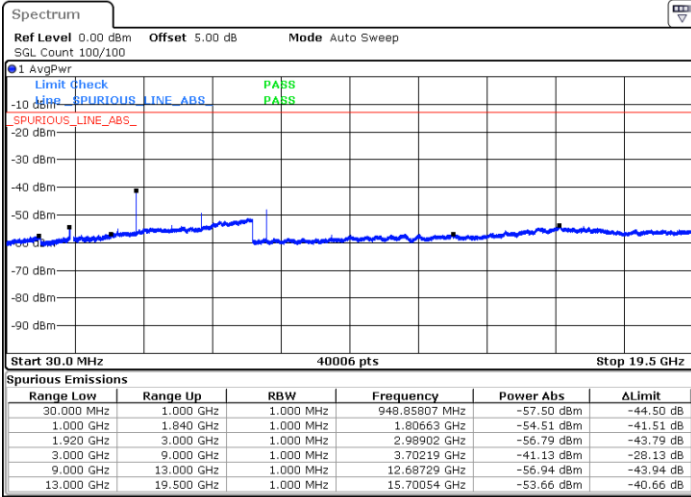




LTE Band 2 / 20MHz

Lowest Channel / QPSK

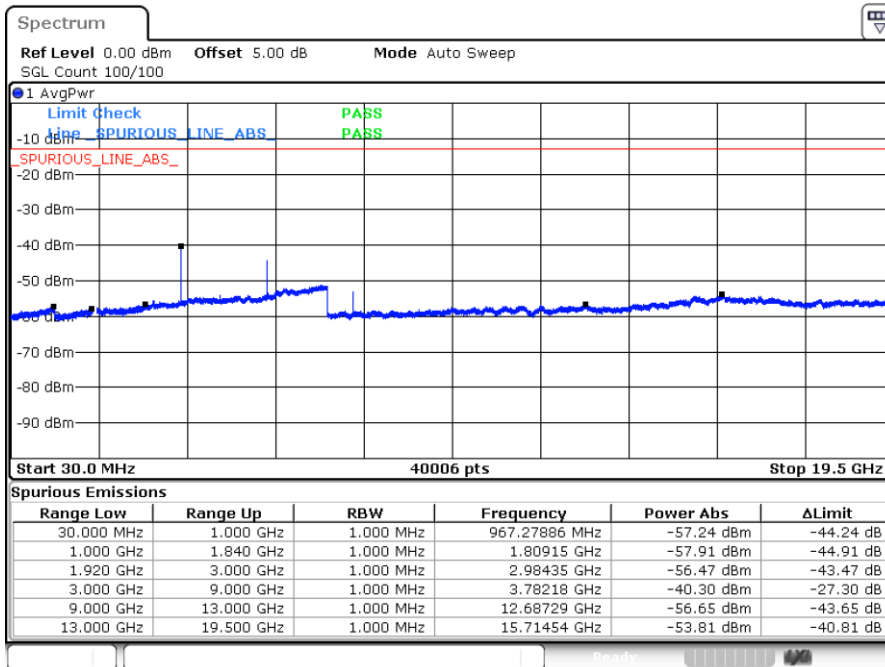
Middle Channel / QPSK



Date: 5.AUG.2022 13:35:04

Date: 5.AUG.2022 13:36:52

Highest Channel / QPSK



Date: 5.AUG.2022 13:38:38



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	0.0026	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

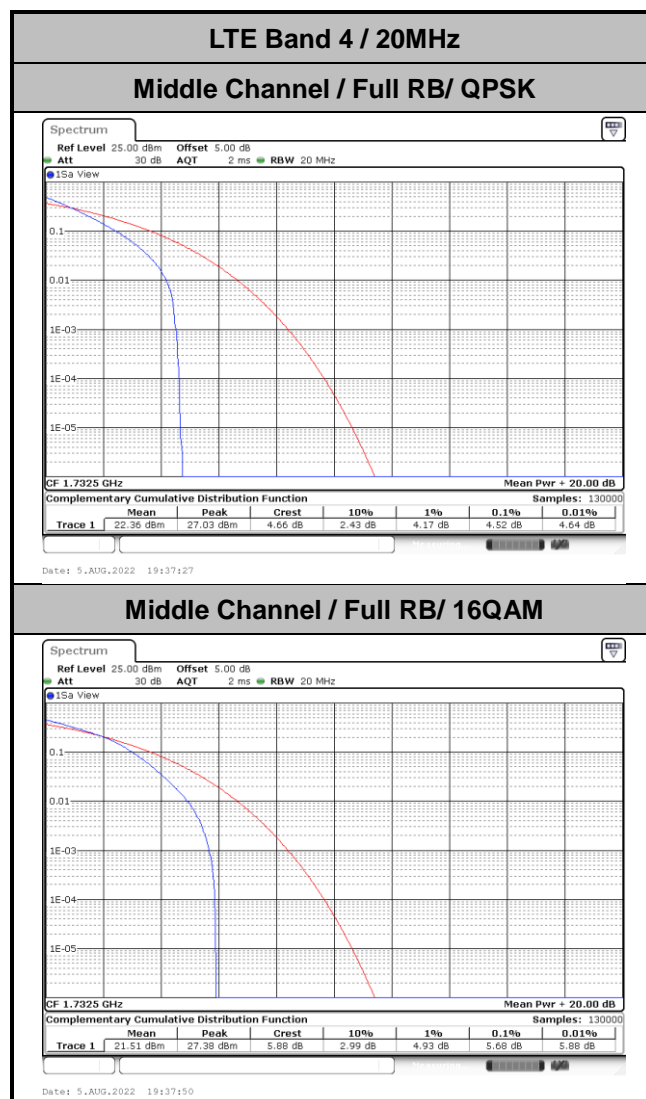
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.52 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

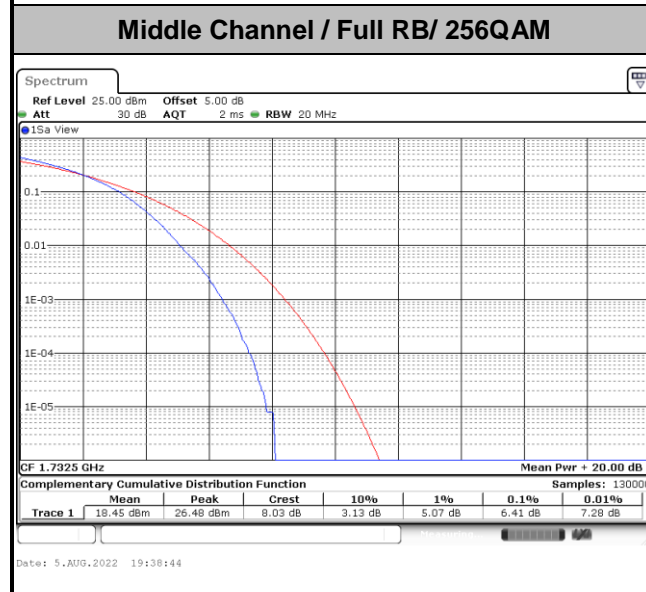
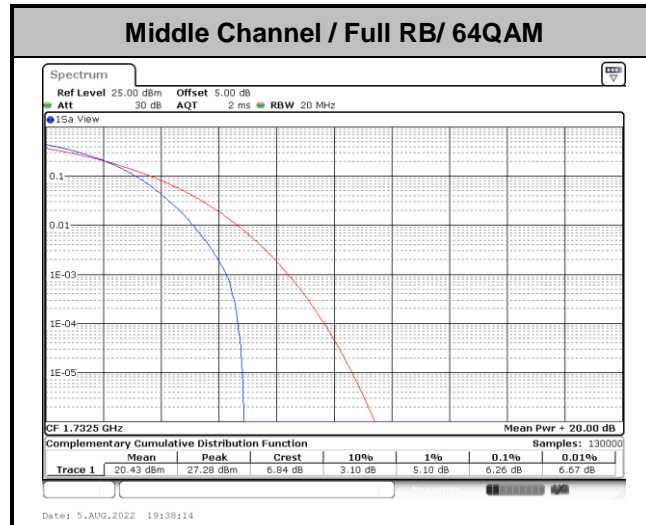


LTE Band 4

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	4.52	5.68	6.26	6.41	PASS

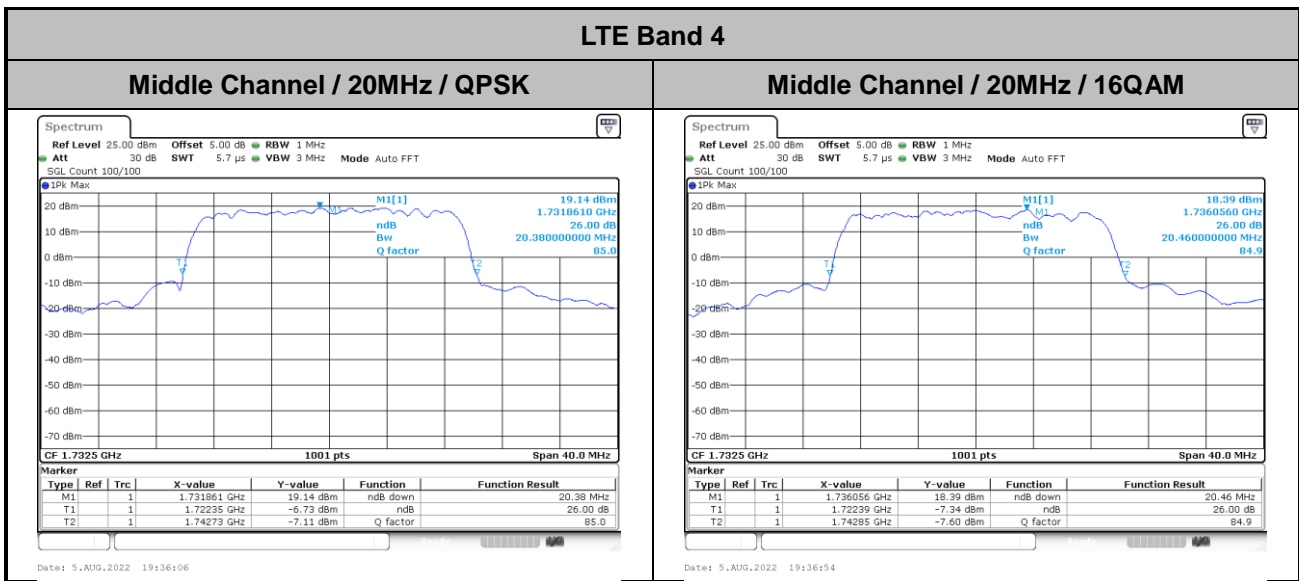






26dB Bandwidth

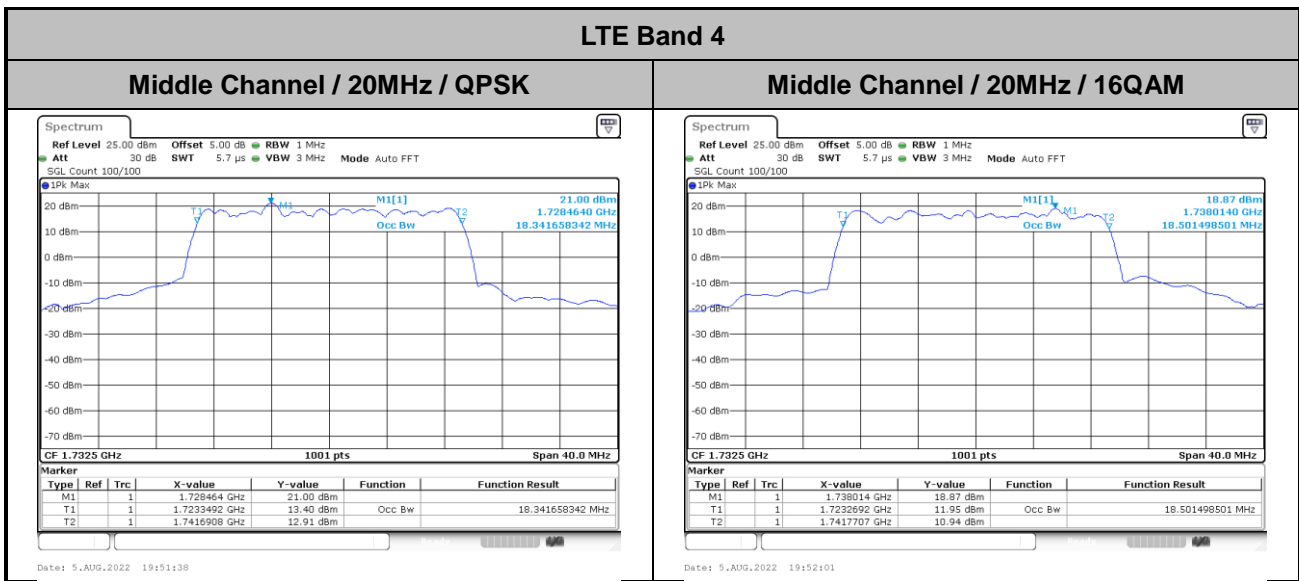
Mode	LTE Band 4 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.38	20.46





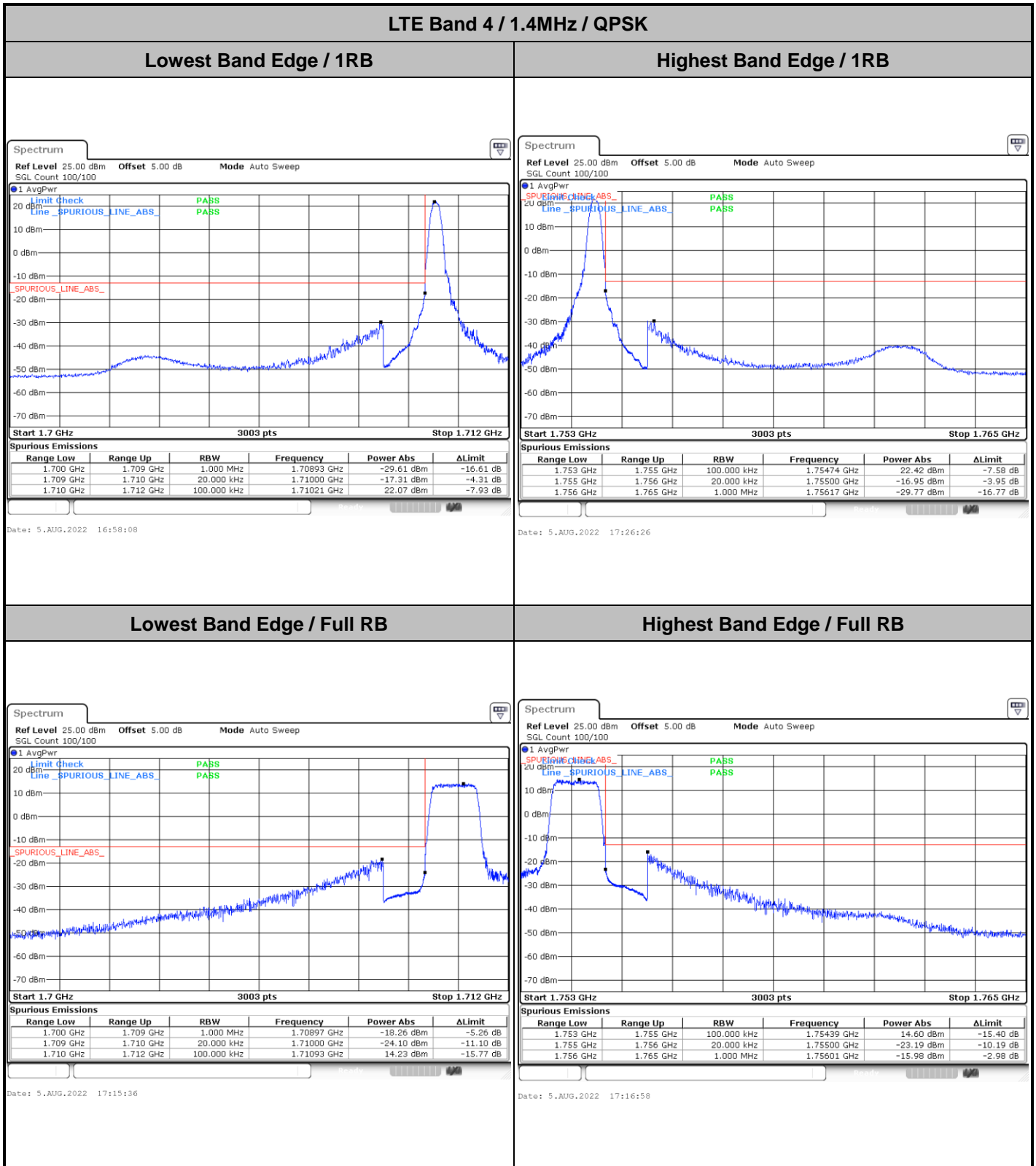
Occupied Bandwidth

Mode	LTE Band 4 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.34	18.50





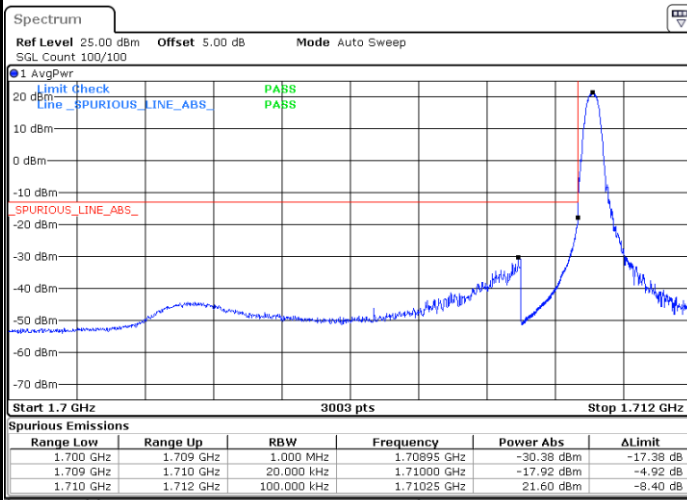
Conducted Band Edge





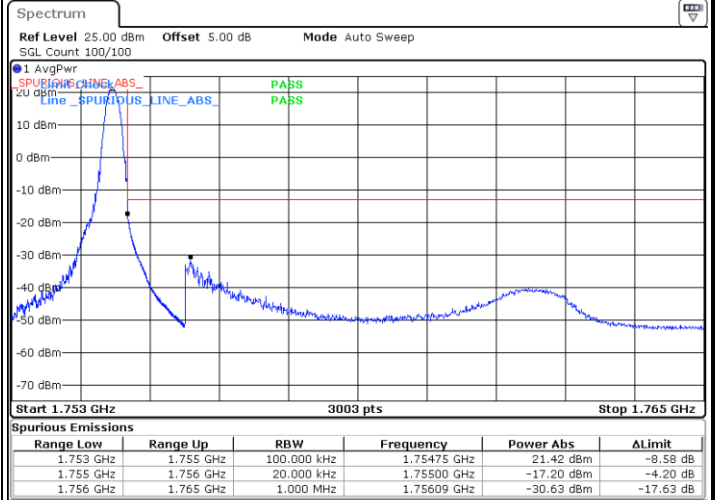
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



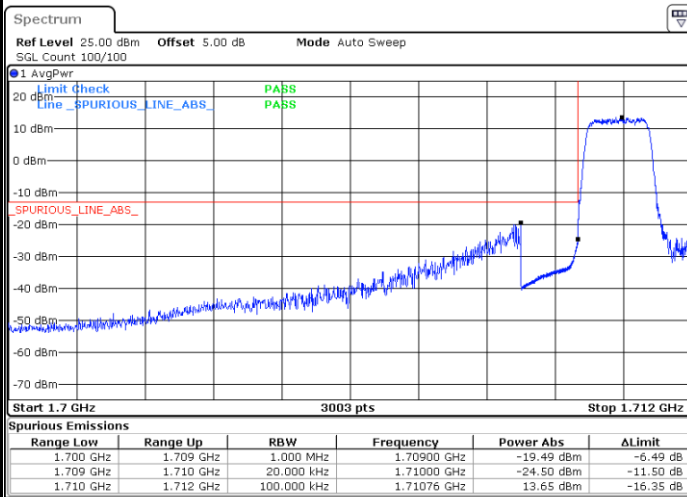
Date: 5.AUG.2022 16:59:27

Highest Band Edge / 1 RB



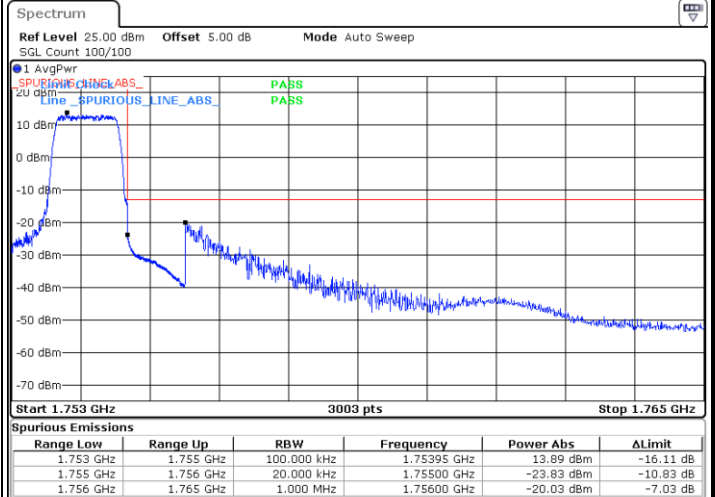
Date: 5.AUG.2022 17:25:11

Lowest Band Edge / Full RB



Date: 5.AUG.2022 17:09:01

Highest Band Edge / Full RB

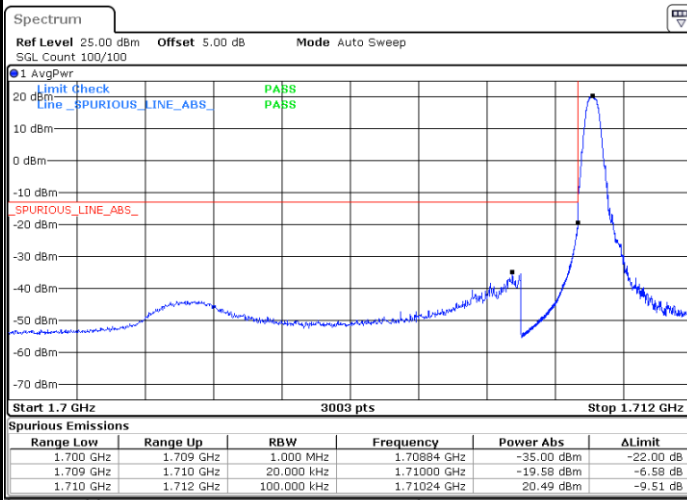


Date: 5.AUG.2022 17:18:13

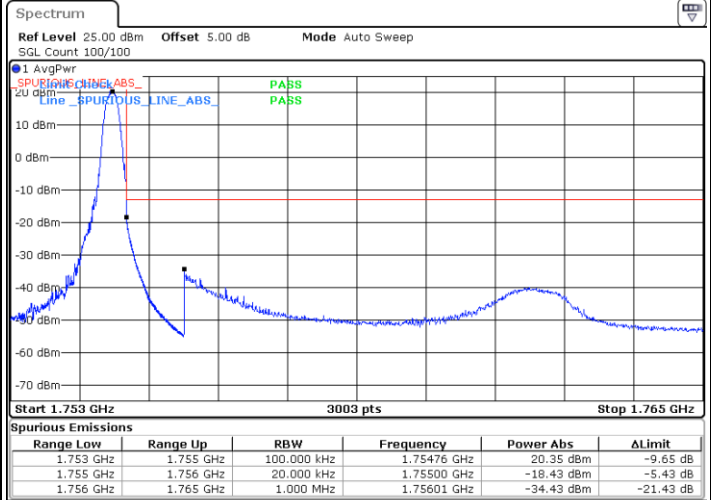


LTE Band 4 / 1.4MHz / 64QAM

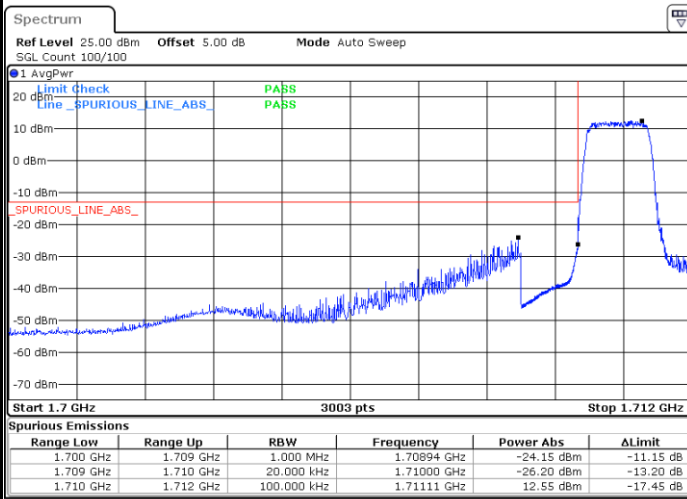
Lowest Band Edge / 1 RB



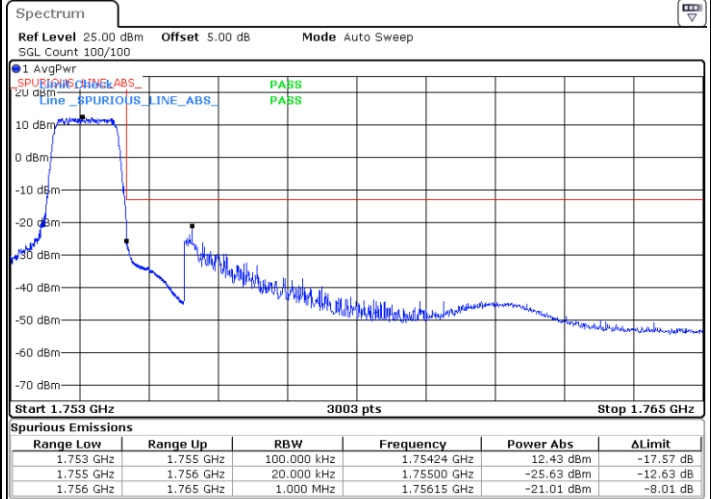
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



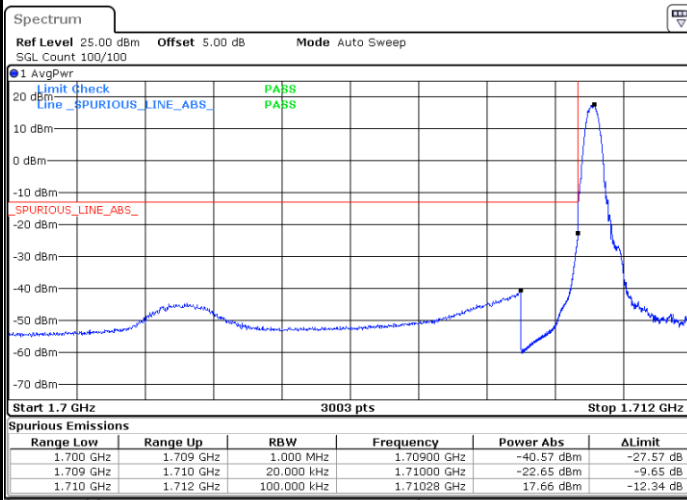
Highest Band Edge / Full RB





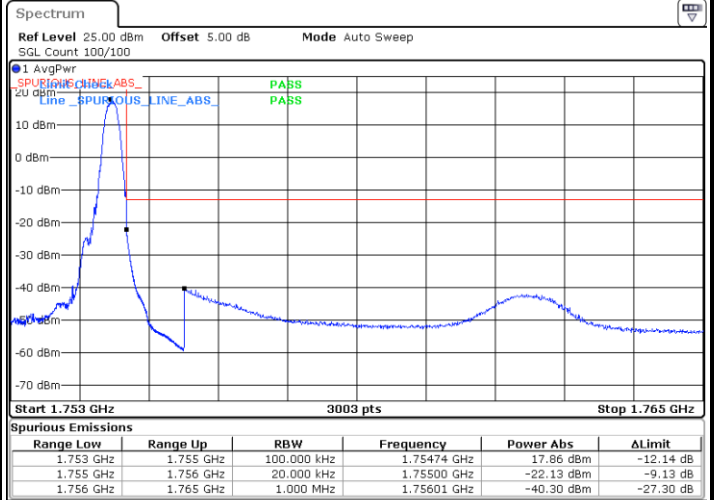
LTE Band 4 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



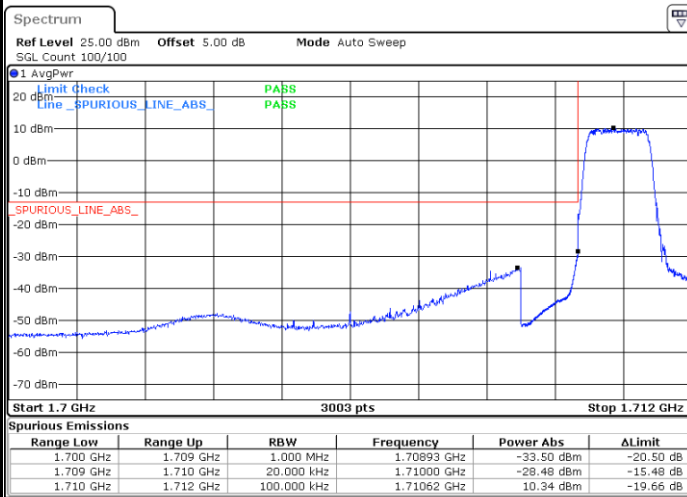
Date: 5.AUG.2022 17:03:27

Highest Band Edge / 1 RB



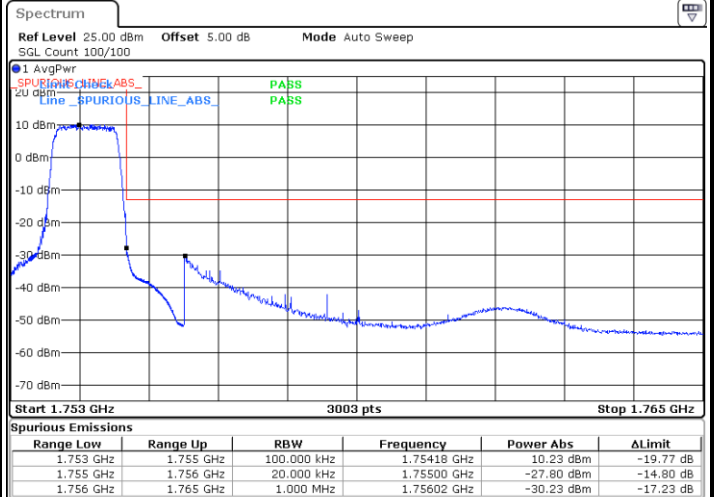
Date: 5.AUG.2022 17:22:30

Lowest Band Edge / Full RB



Date: 5.AUG.2022 17:04:49

Highest Band Edge / Full RB

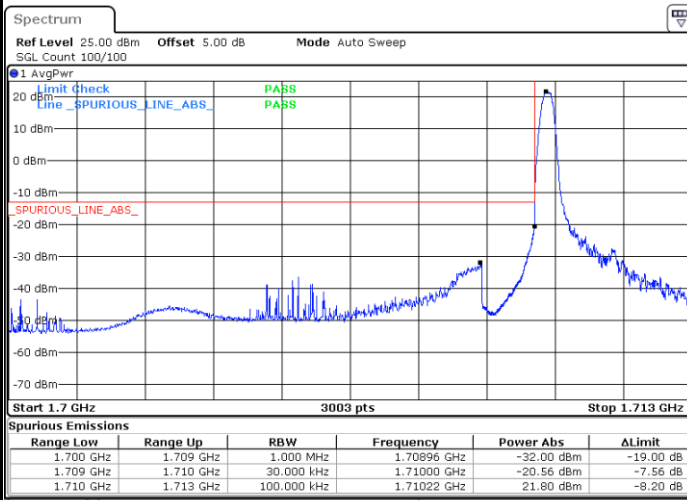


Date: 5.AUG.2022 17:21:08



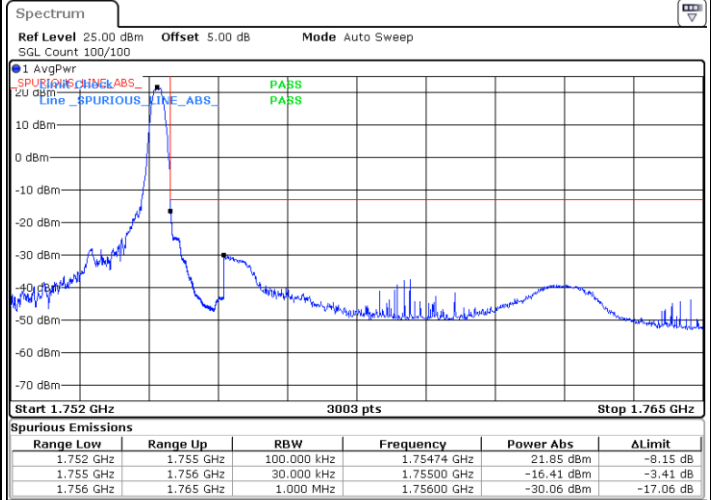
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



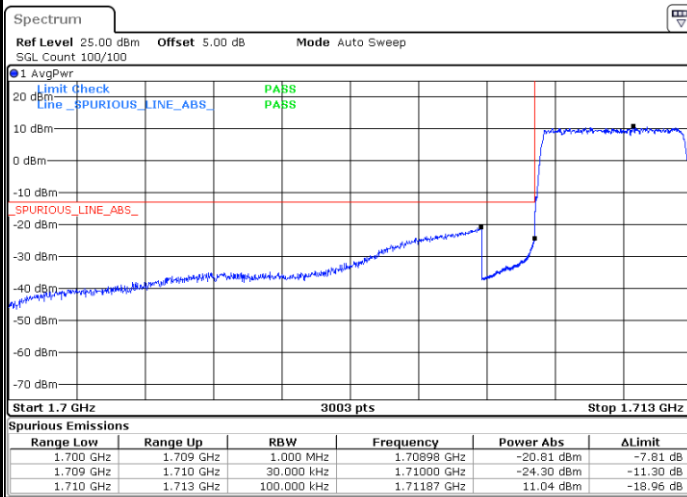
Date: 5.AUG.2022 17:34:24

Highest Band Edge / 1 RB



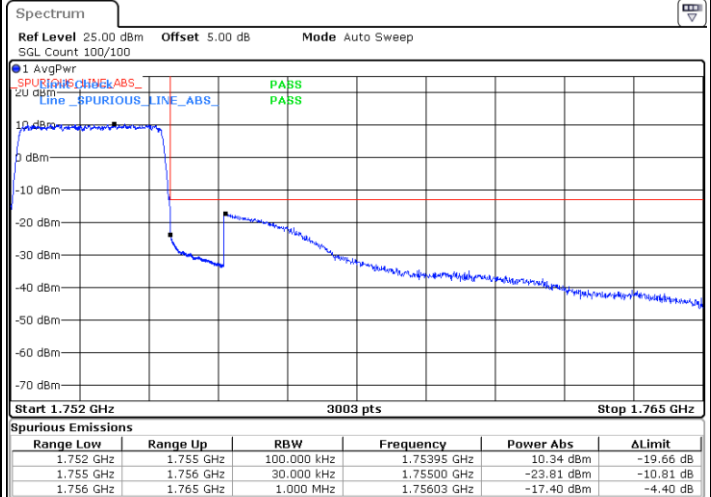
Date: 5.AUG.2022 18:30:13

Lowest Band Edge / Full RB



Date: 5.AUG.2022 17:42:24

Highest Band Edge / Full RB

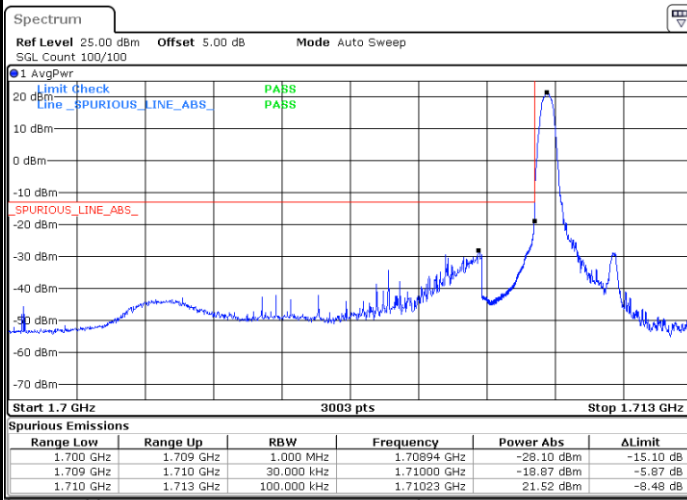


Date: 5.AUG.2022 17:43:33



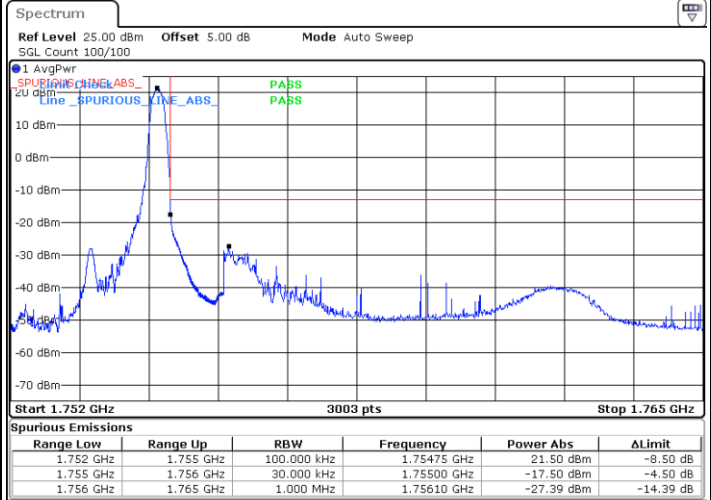
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



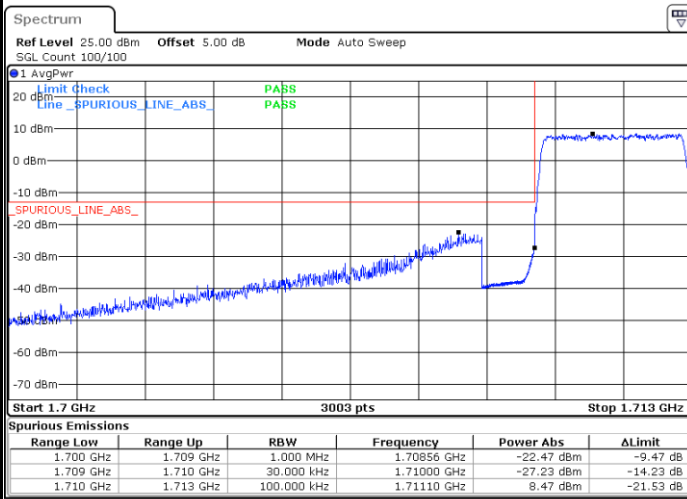
Date: 5.AUG.2022 17:35:12

Highest Band Edge / 1 RB



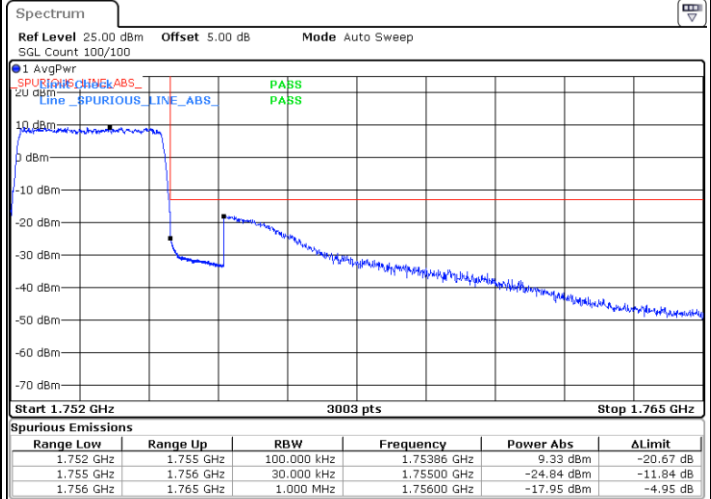
Date: 5.AUG.2022 18:26:43

Lowest Band Edge / Full RB



Date: 5.AUG.2022 17:40:46

Highest Band Edge / Full RB

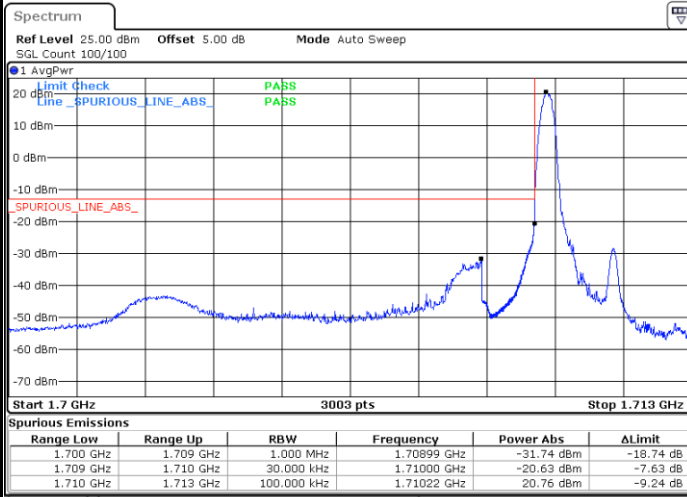


Date: 5.AUG.2022 17:44:21

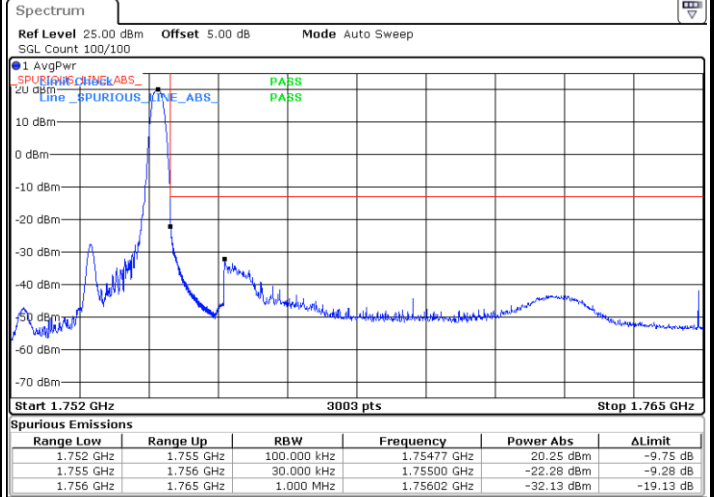


LTE Band 4 / 3MHz / 64QAM

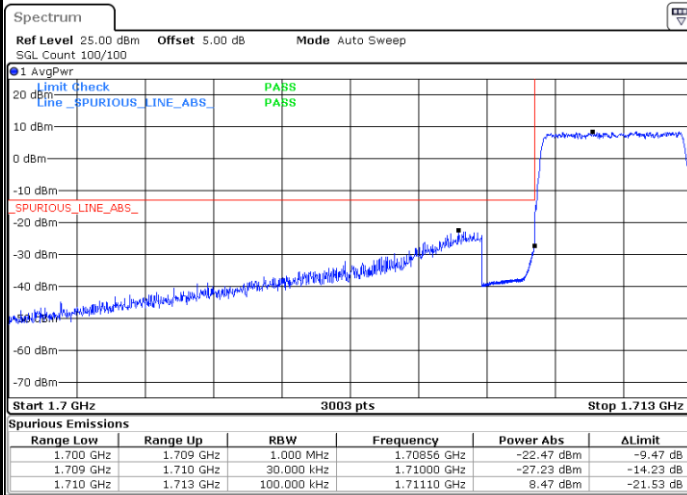
Lowest Band Edge / 1 RB



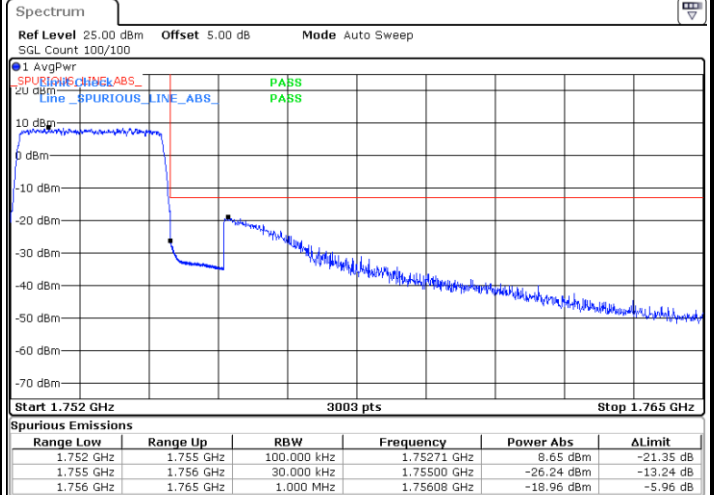
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



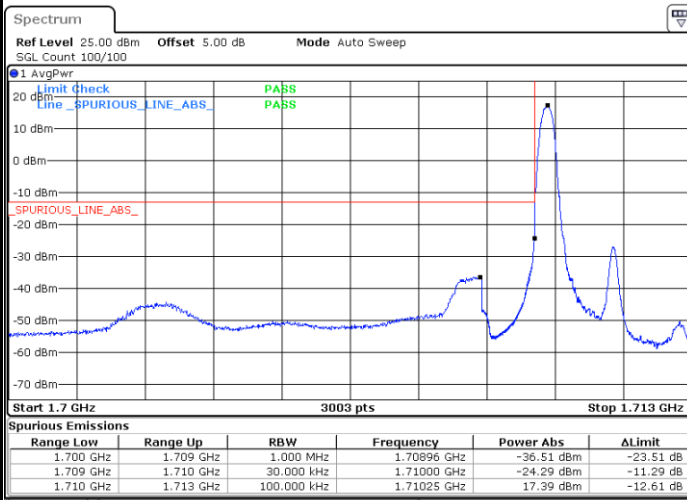
Highest Band Edge / Full RB





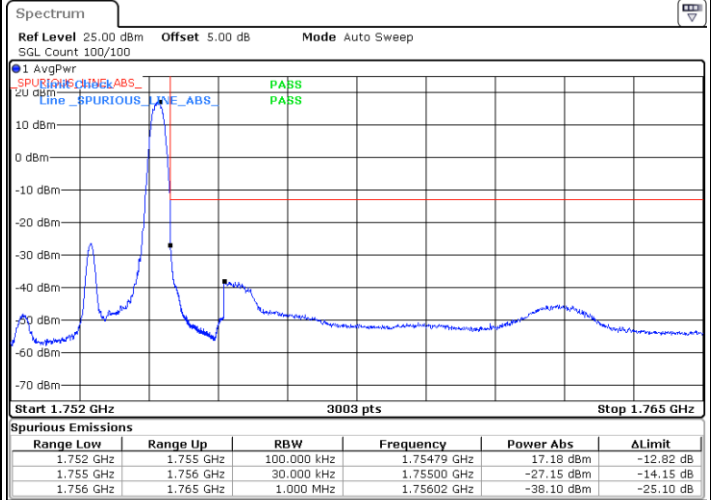
LTE Band 4 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



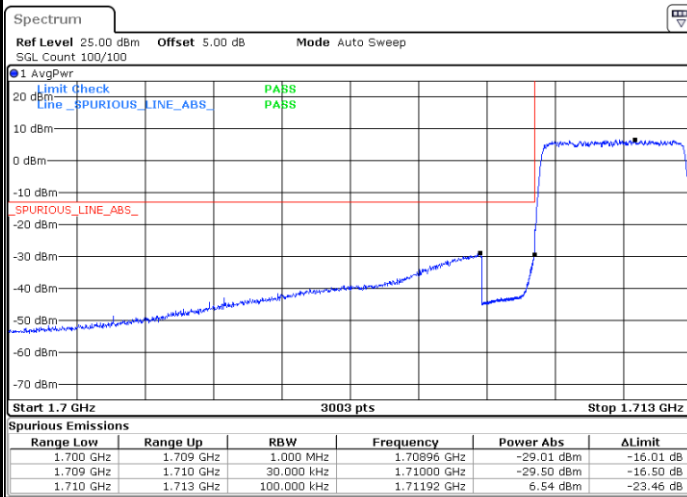
Date: 5.AUG.2022 17:37:12

Highest Band Edge / 1 RB



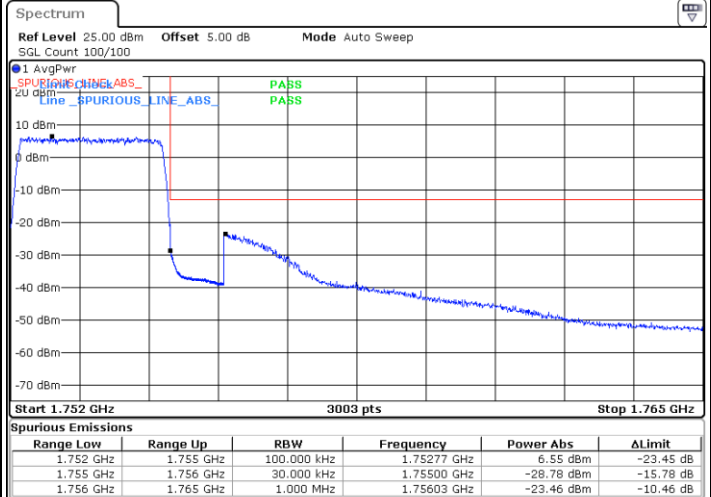
Date: 5.AUG.2022 17:47:25

Lowest Band Edge / Full RB



Date: 5.AUG.2022 17:39:51

Highest Band Edge / Full RB



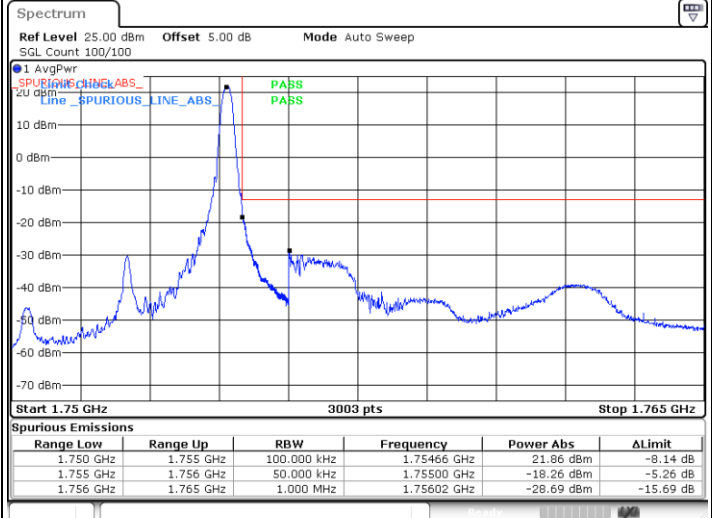
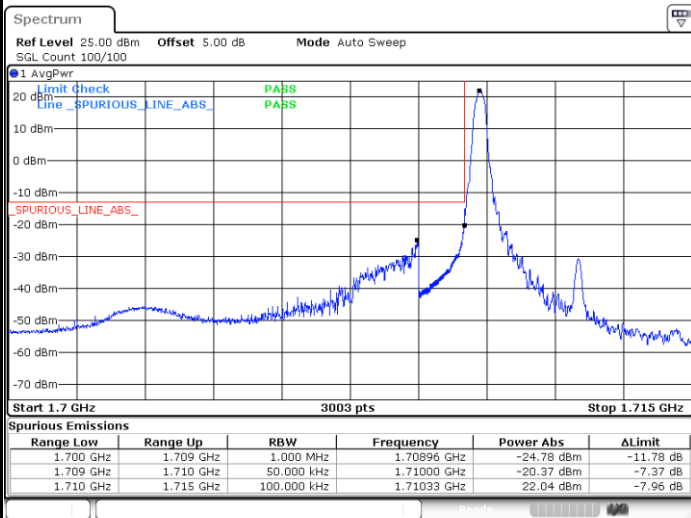
Date: 5.AUG.2022 17:46:25



LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

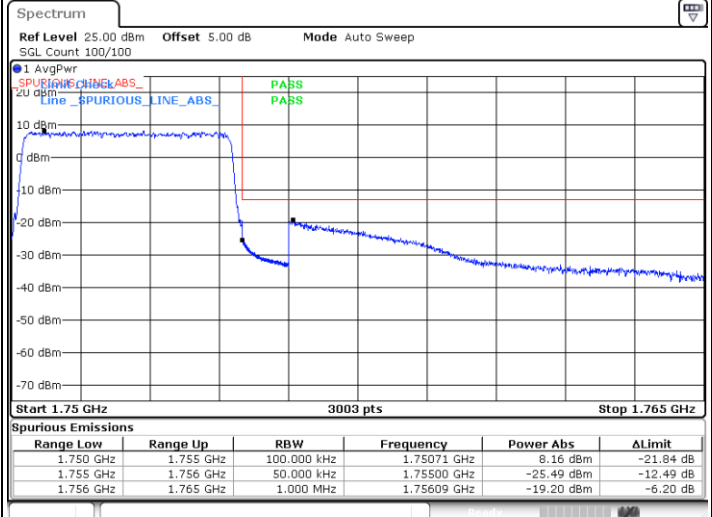
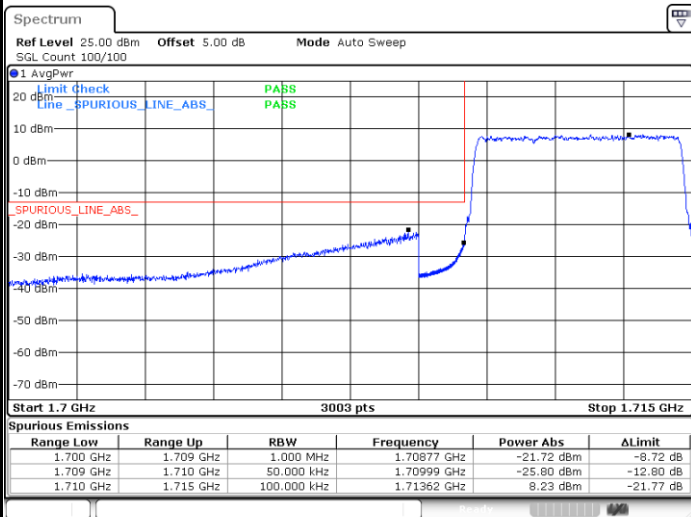


Date: 5.AUG.2022 18:36:38

Date: 5.AUG.2022 18:50:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



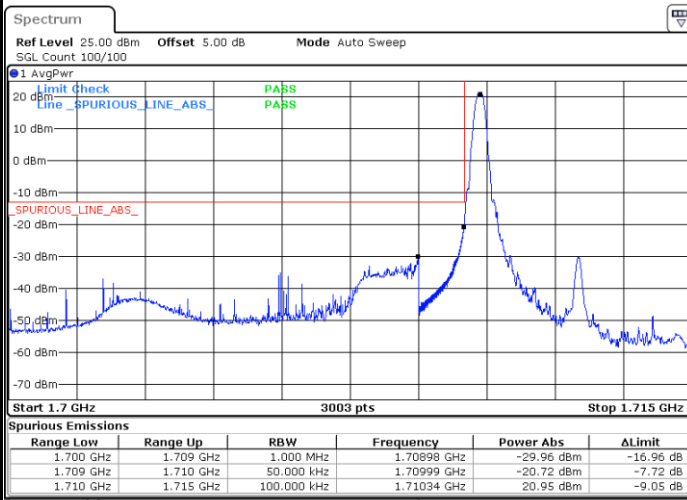
Date: 5.AUG.2022 18:45:07

Date: 5.AUG.2022 18:45:43



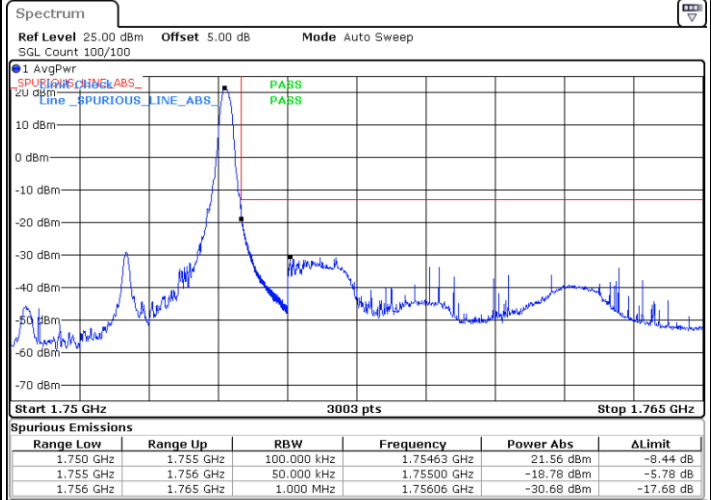
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



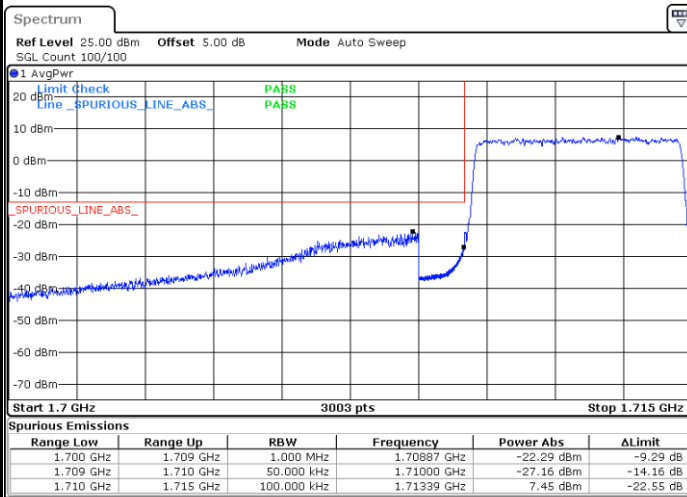
Date: 5.AUG.2022 18:37:16

Highest Band Edge / 1 RB



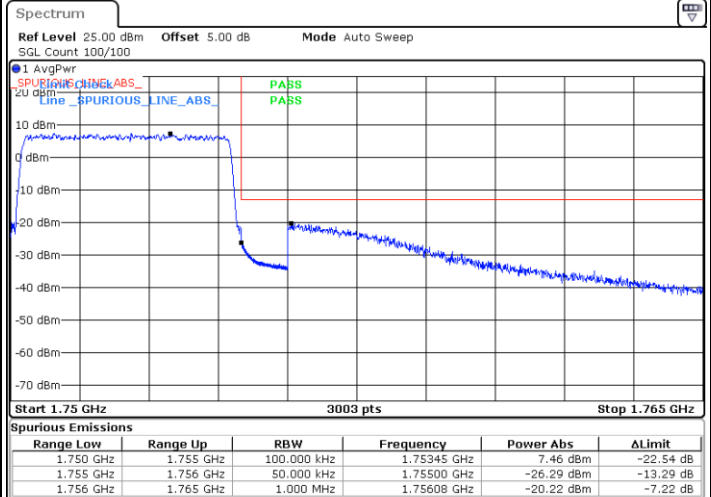
Date: 5.AUG.2022 18:49:15

Lowest Band Edge / Full RB



Date: 5.AUG.2022 18:43:56

Highest Band Edge / Full RB

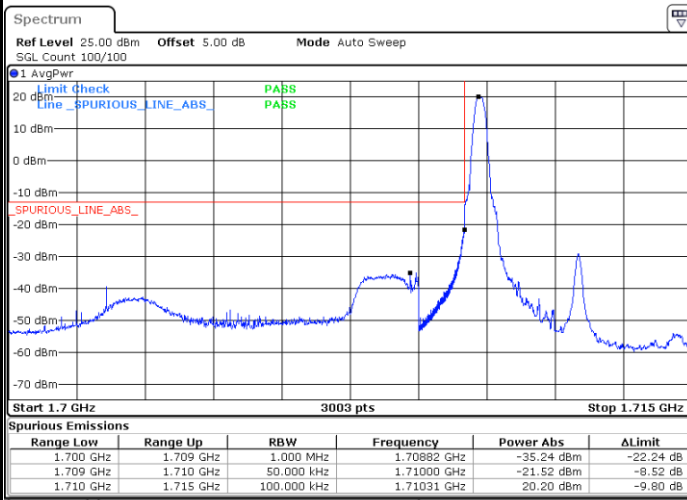


Date: 5.AUG.2022 18:46:14



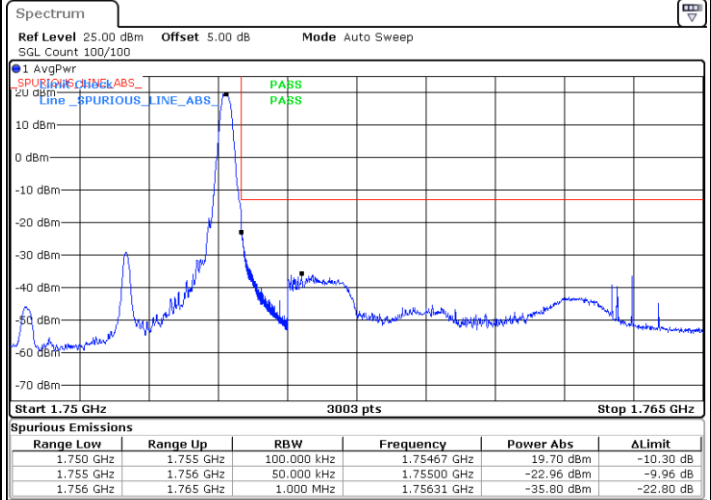
LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / 1RB



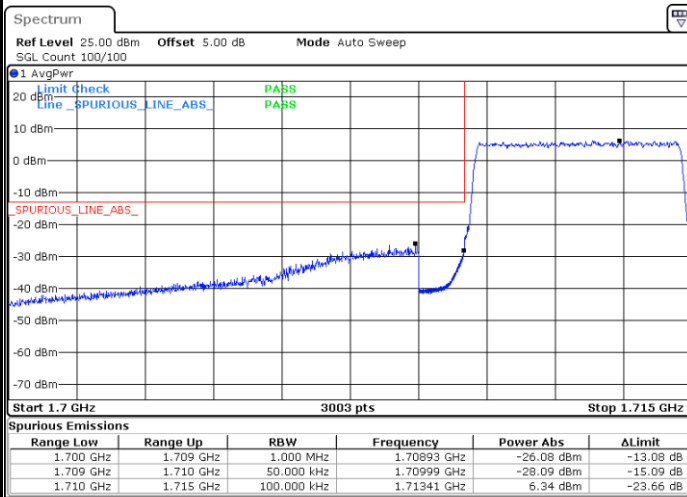
Date: 5.AUG.2022 18:37:48

Highest Band Edge / 1 RB



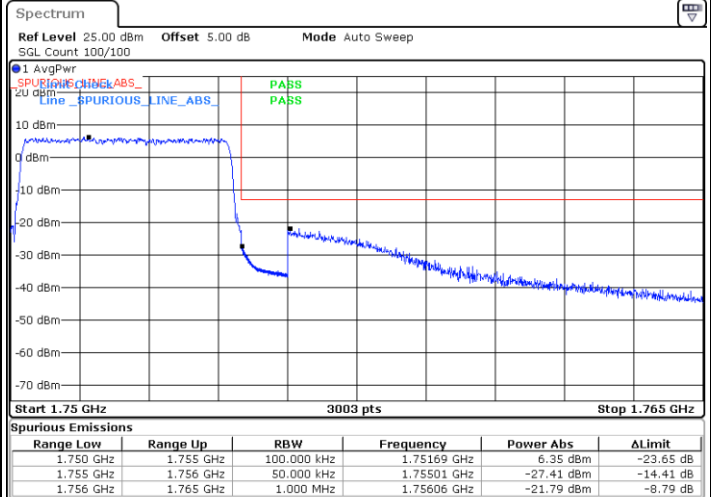
Date: 5.AUG.2022 18:48:43

Lowest Band Edge / Full RB



Date: 5.AUG.2022 18:43:12

Highest Band Edge / Full RB

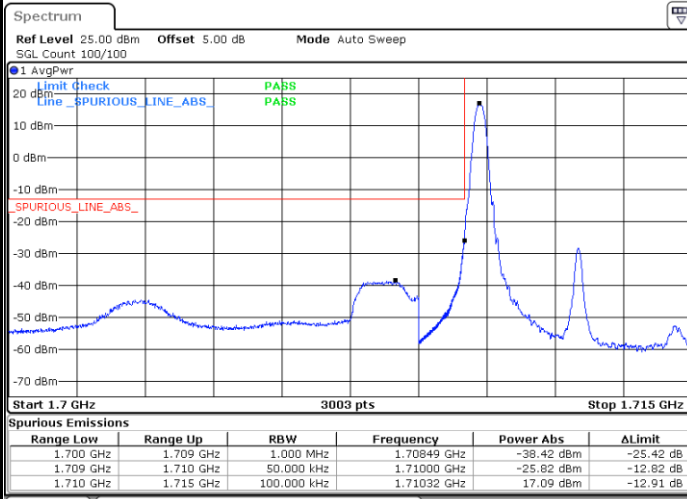


Date: 5.AUG.2022 18:46:46



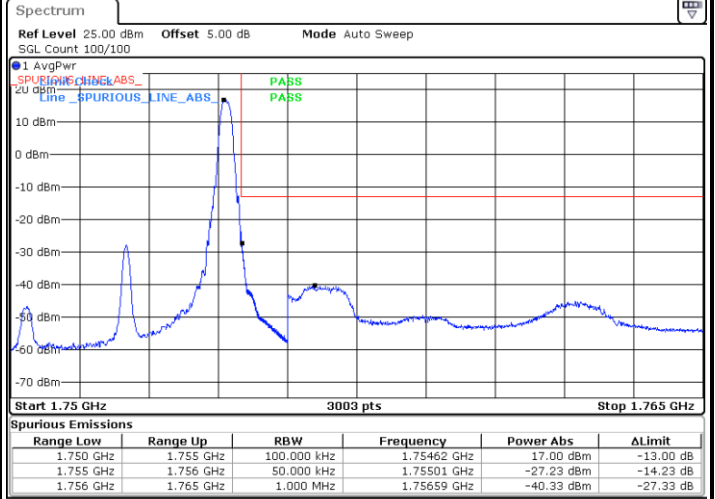
LTE Band 4 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



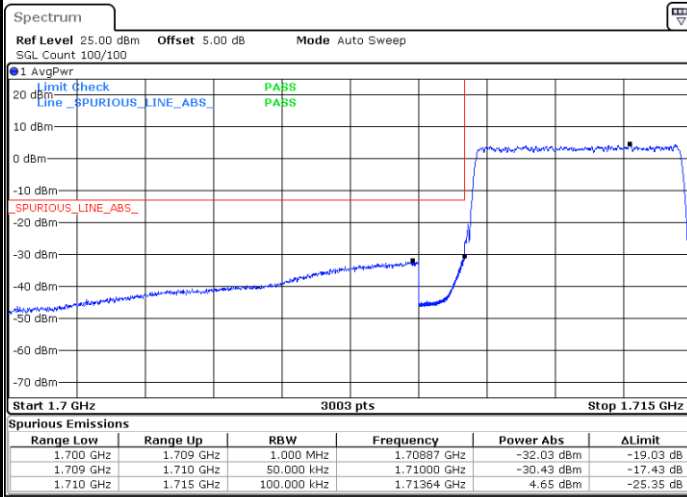
Date: 5.AUG.2022 18:38:32

Highest Band Edge / 1 RB



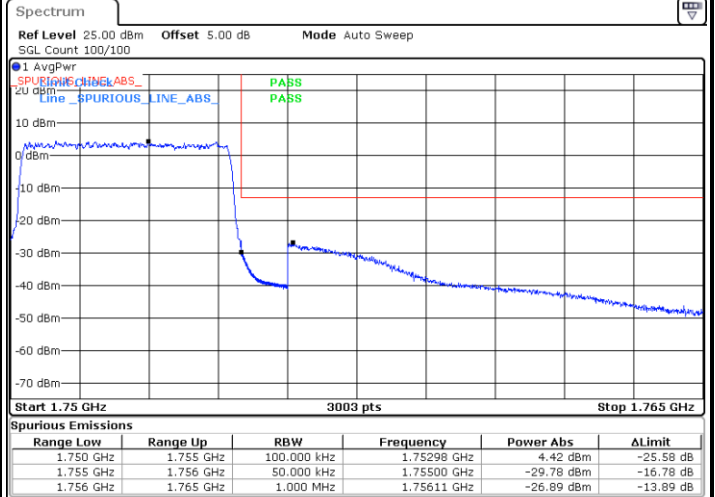
Date: 5.AUG.2022 18:48:06

Lowest Band Edge / Full RB



Date: 5.AUG.2022 18:44:31

Highest Band Edge / Full RB



Date: 5.AUG.2022 18:47:18