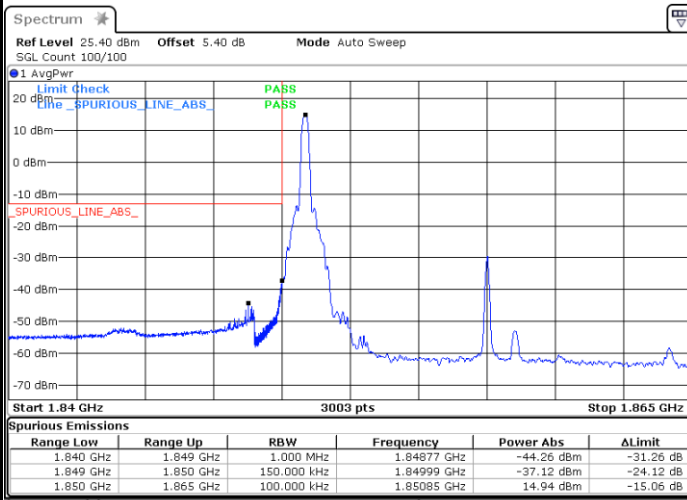




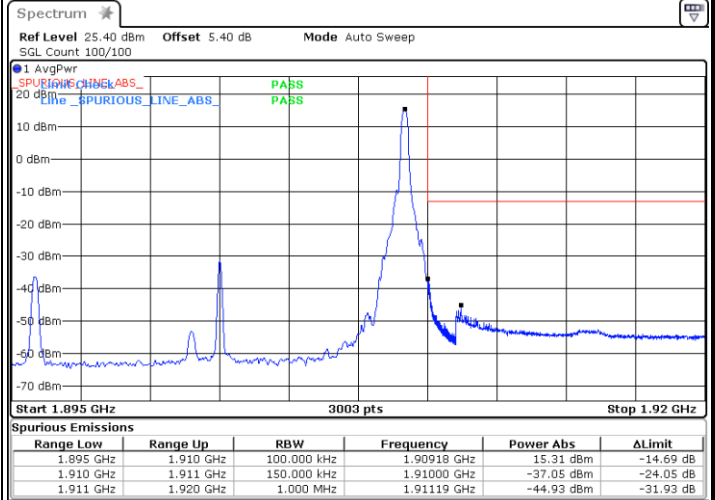
LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



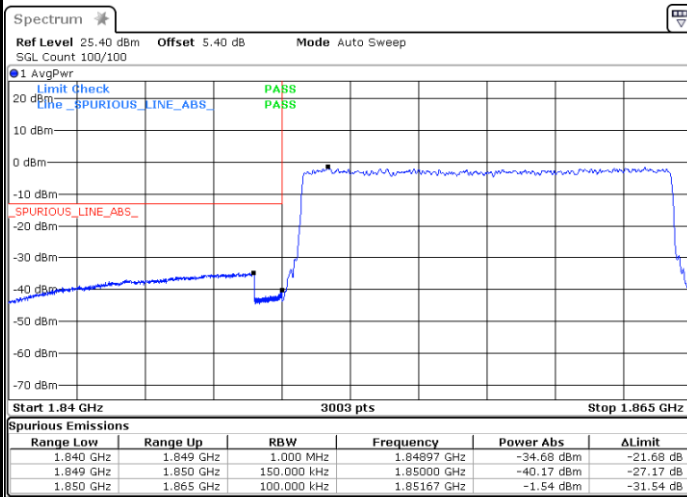
Date: 19.MAR.2022 23:28:49

Highest Band Edge / 1 RB



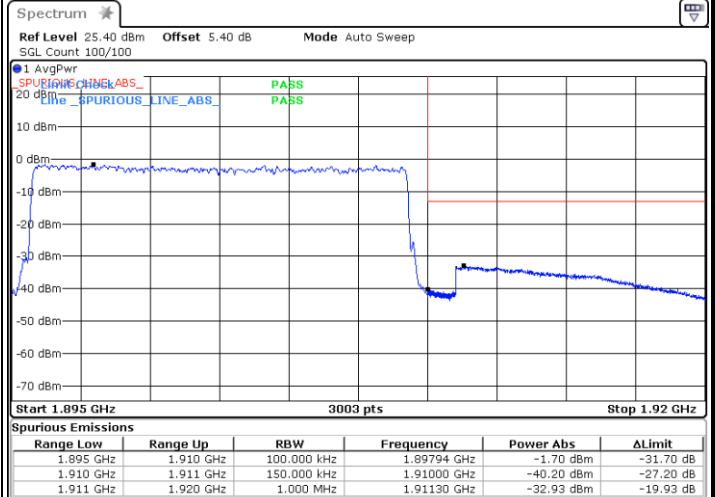
Date: 19.MAR.2022 23:25:12

Lowest Band Edge / Full RB



Date: 19.MAR.2022 23:21:49

Highest Band Edge / Full RB

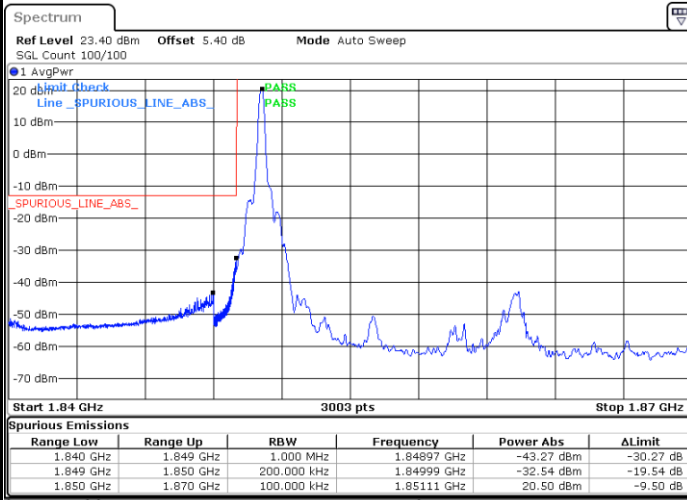


Date: 19.MAR.2022 23:25:48



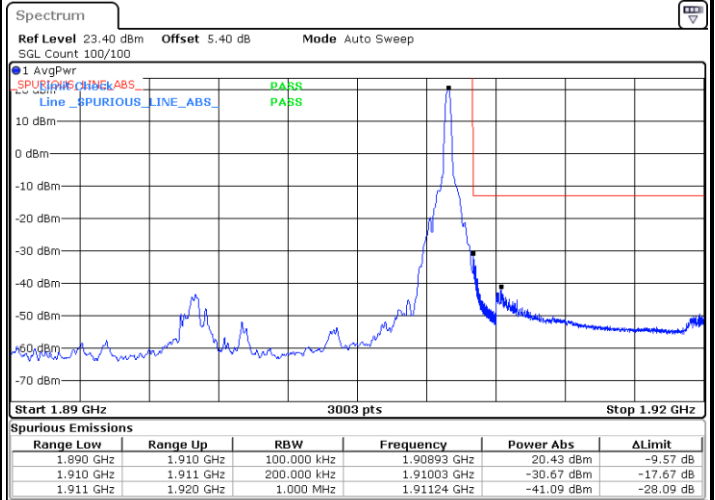
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



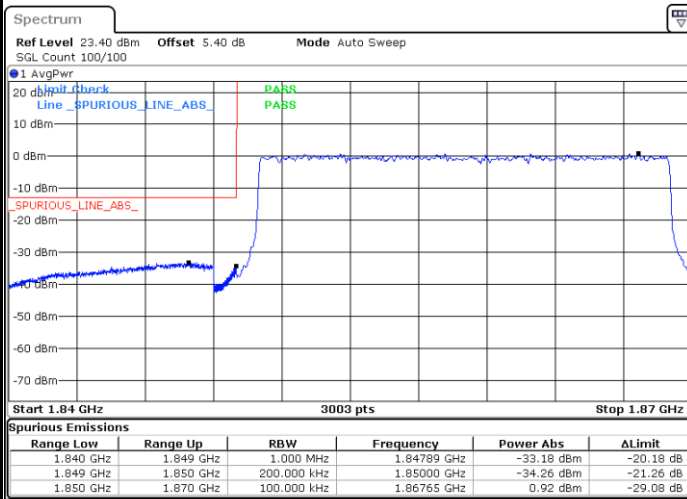
Date: 30 JAN 2022 17:48:54

Highest Band Edge / 1 RB



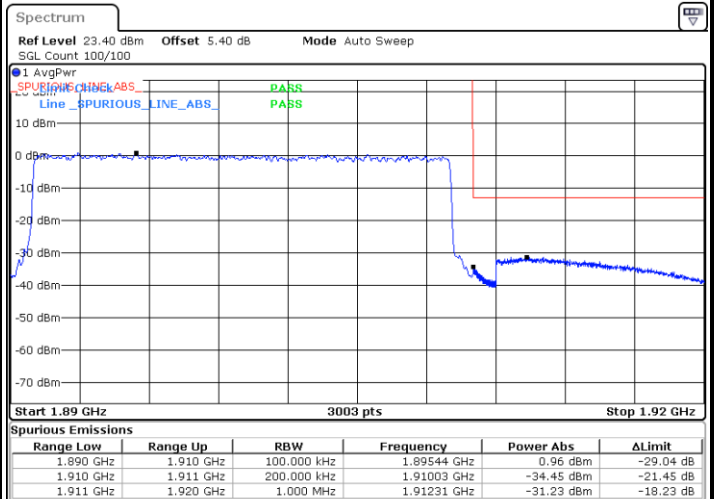
Date: 30 JAN 2022 17:57:38

Lowest Band Edge / Full RB



Date: 30 JAN 2022 17:51:35

Highest Band Edge / Full RB

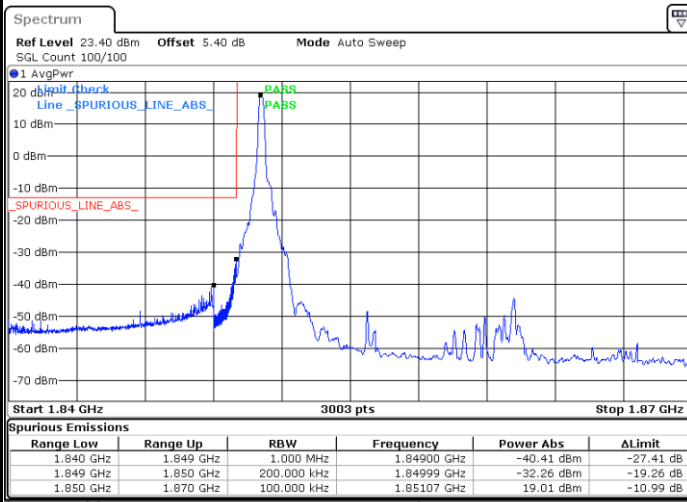


Date: 30 JAN 2022 18:00:19



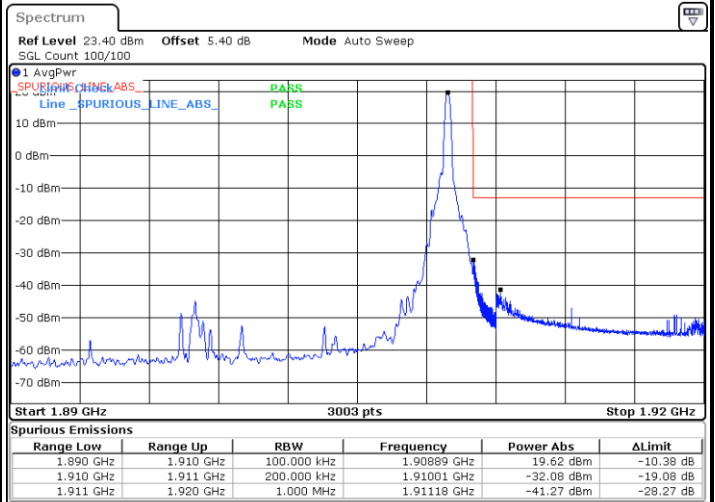
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



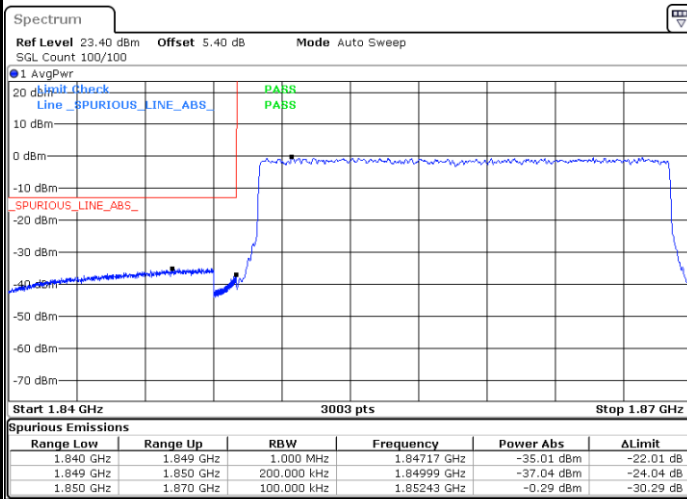
Date: 30 JAN 2022 17:50:15

Highest Band Edge / 1 RB



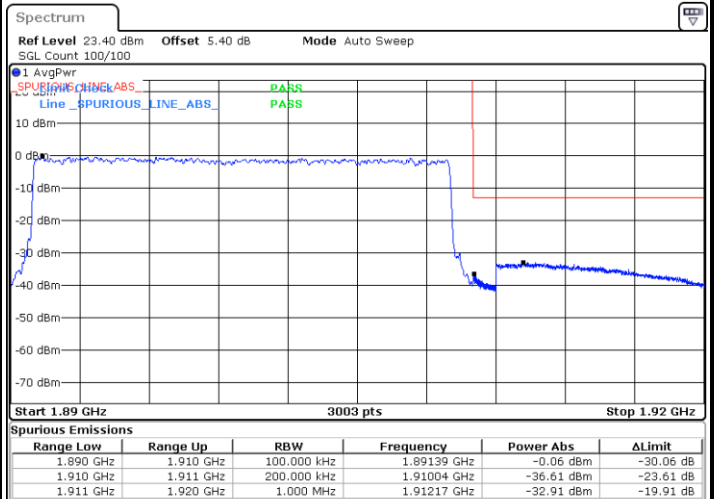
Date: 30 JAN 2022 17:58:58

Lowest Band Edge / Full RB



Date: 30 JAN 2022 17:52:55

Highest Band Edge / Full RB

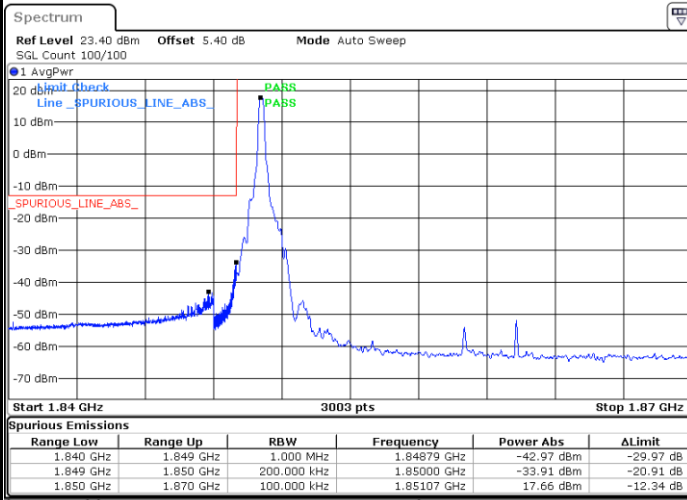


Date: 30 JAN 2022 18:01:39



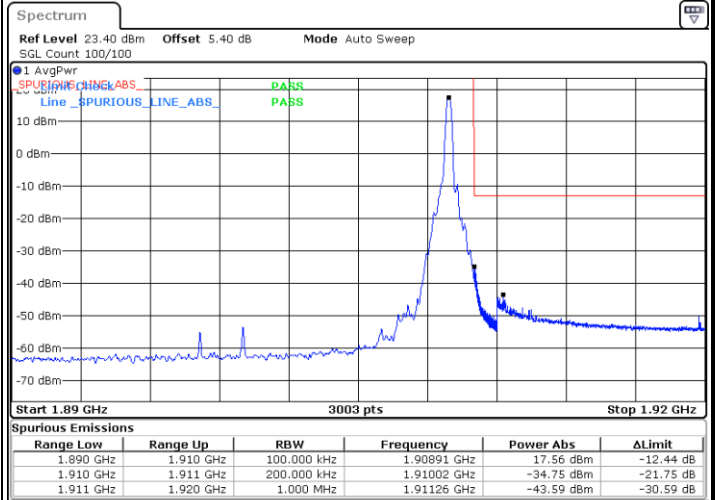
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



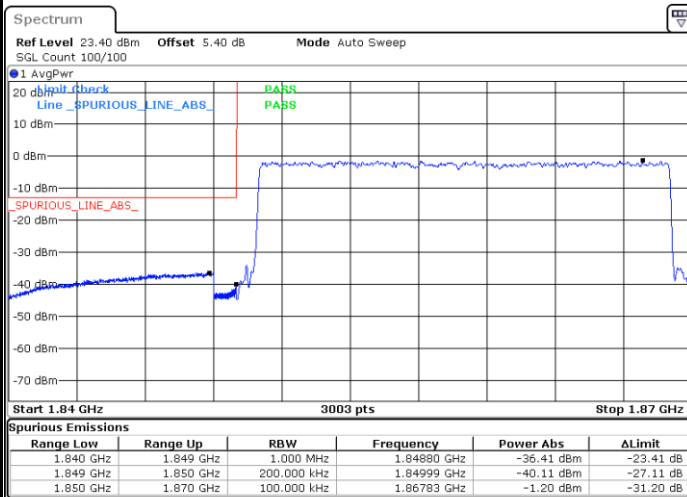
Date: 31.JAN.2022 18:53:22

Highest Band Edge / 1 RB



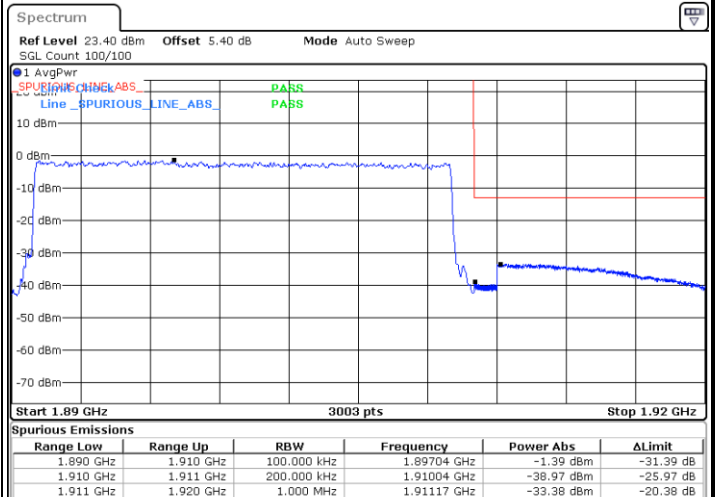
Date: 31.JAN.2022 18:37:21

Lowest Band Edge / Full RB



Date: 31.JAN.2022 18:34:40

Highest Band Edge / Full RB

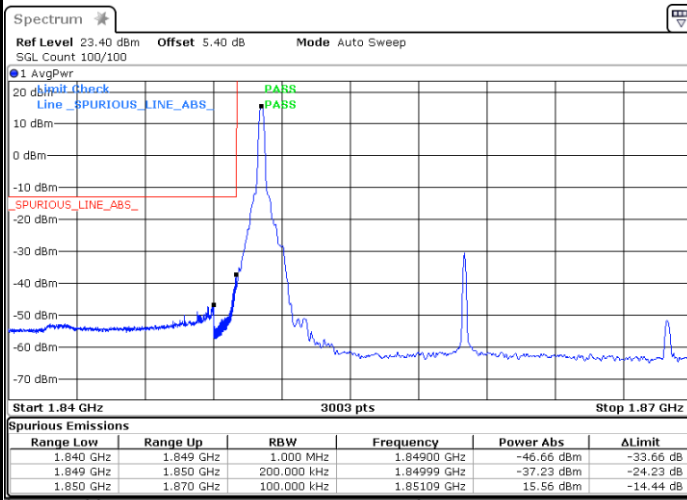


Date: 31.JAN.2022 18:36:00



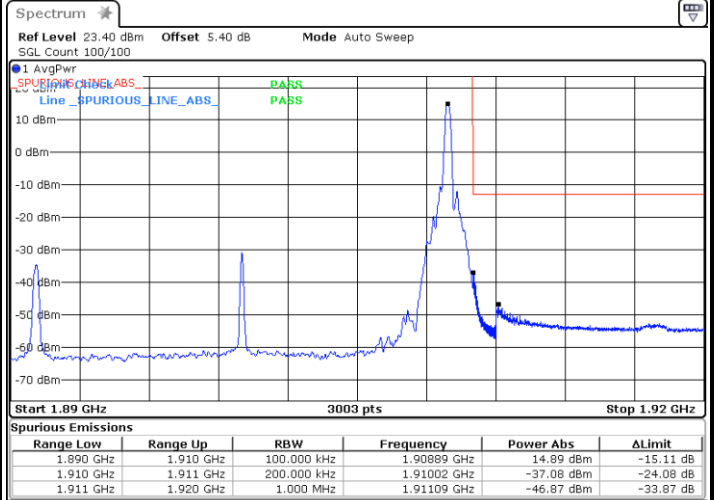
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



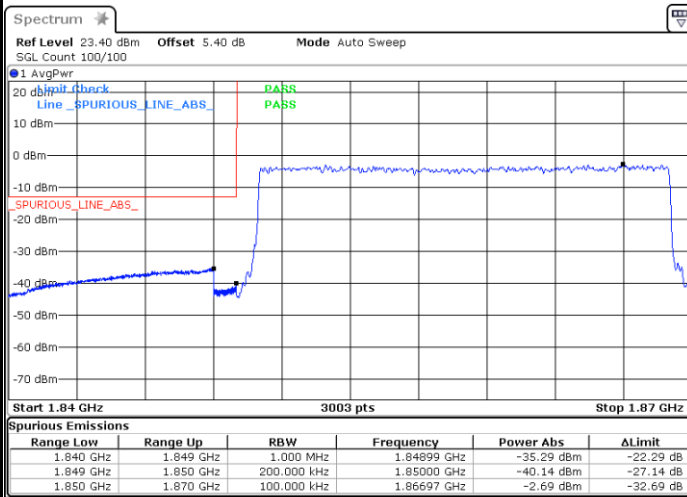
Date: 19.MAR.2022 23:08:51

Highest Band Edge / 1 RB



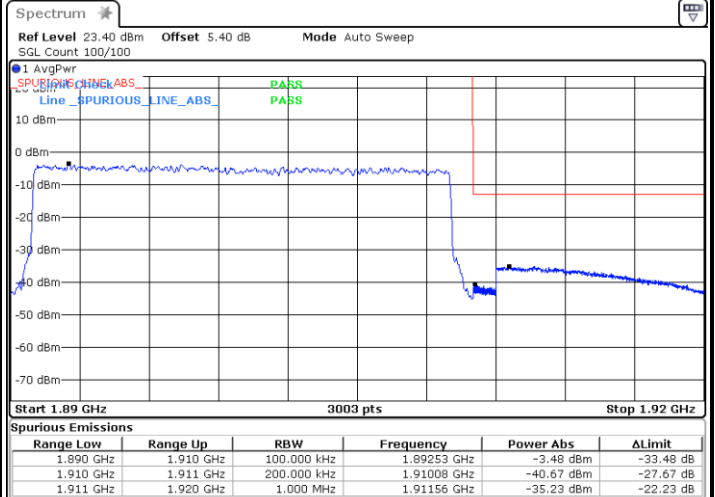
Date: 19.MAR.2022 23:15:49

Lowest Band Edge / Full RB



Date: 19.MAR.2022 23:10:57

Highest Band Edge / Full RB



Date: 19.MAR.2022 23:15:06



Conducted Spurious Emission

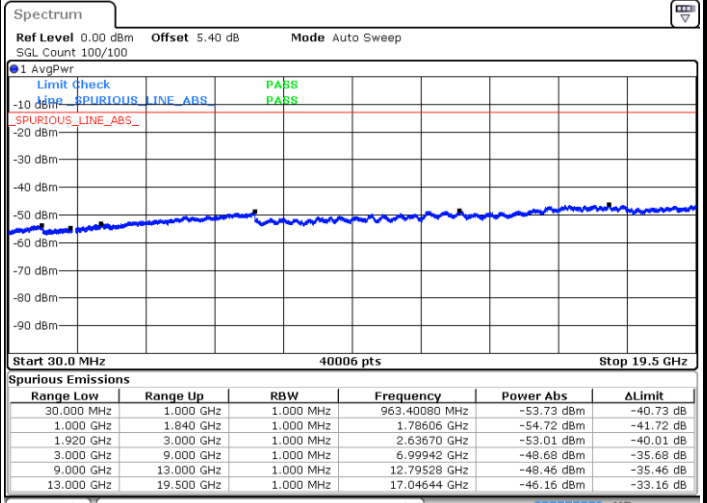
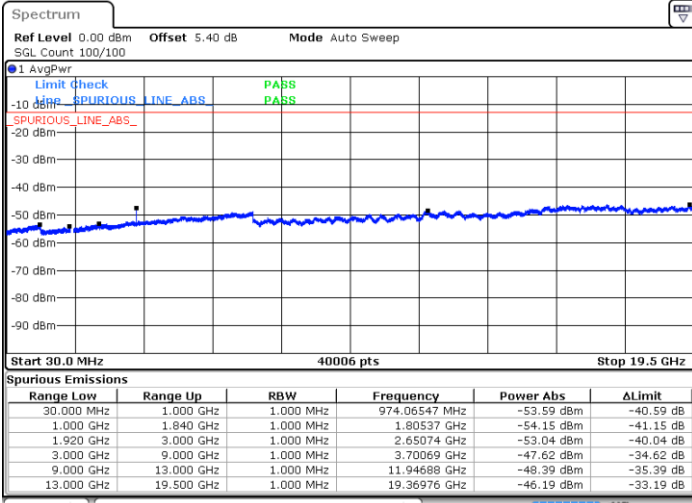




LTE Band 2 / 3MHz

Lowest Channel / QPSK

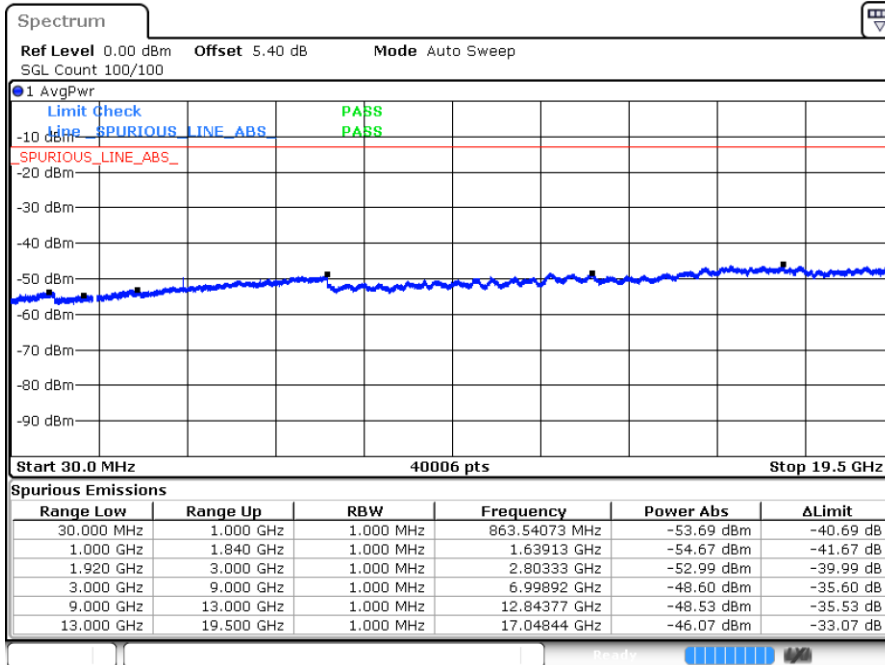
Middle Channel / QPSK



Date: 30 JAN 2022 16:50:05

Date: 30 JAN 2022 16:51:46

Highest Channel / QPSK



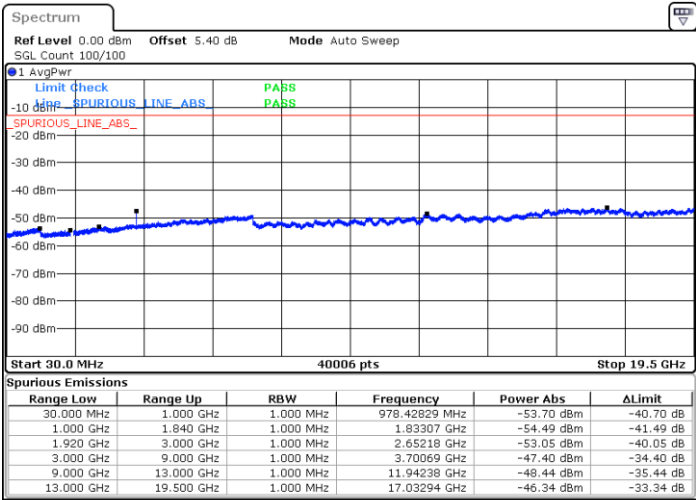
Date: 30 JAN 2022 16:58:48



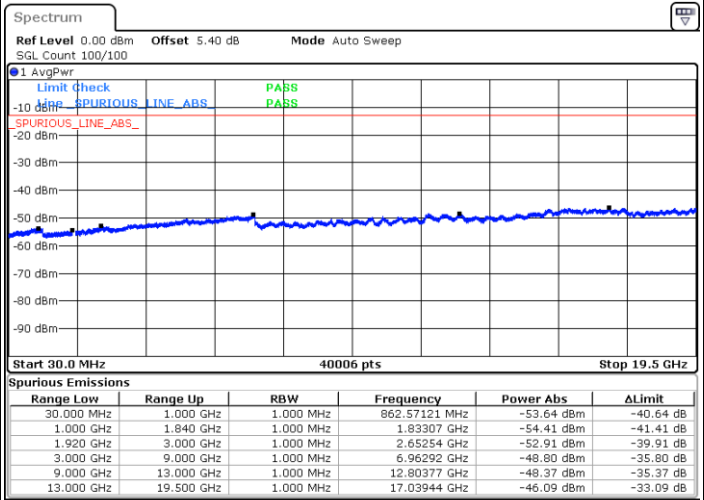
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

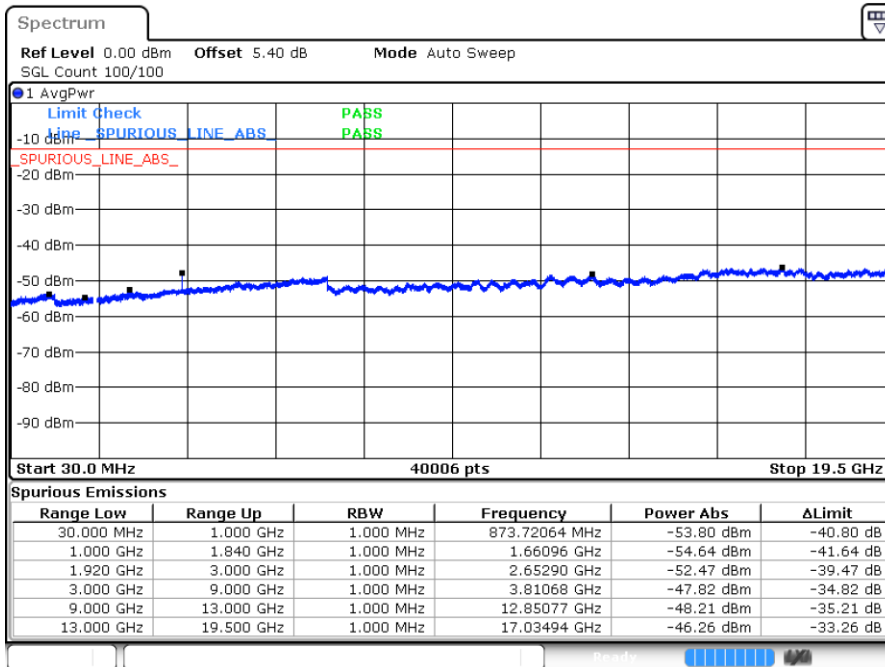


Date: 30 JAN 2022 17:05:11



Date: 30 JAN 2022 17:07:32

Highest Channel / QPSK



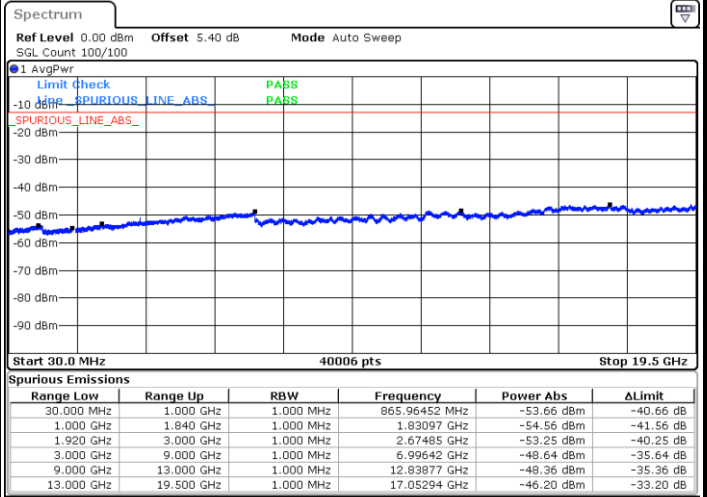
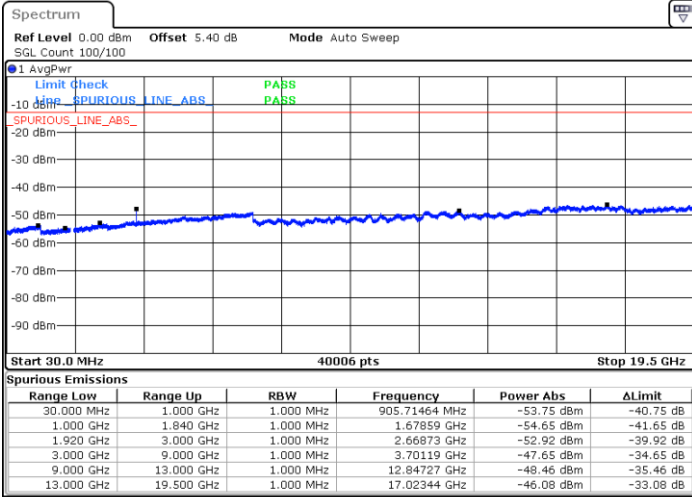
Date: 30 JAN 2022 17:14:34



LTE Band 2 / 10MHz

Lowest Channel / QPSK

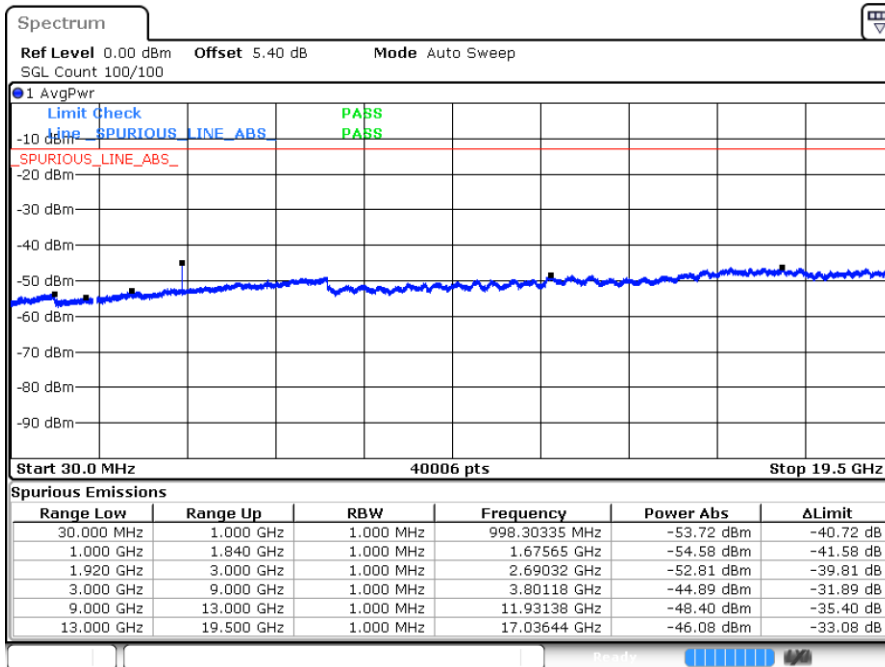
Middle Channel / QPSK



Date: 30 JAN 2022 17:21:37

Date: 30 JAN 2022 17:23:18

Highest Channel / QPSK



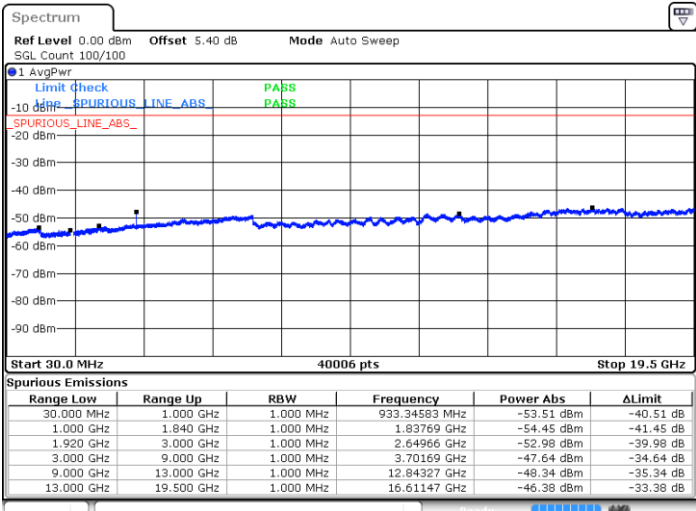
Date: 30 JAN 2022 17:30:20



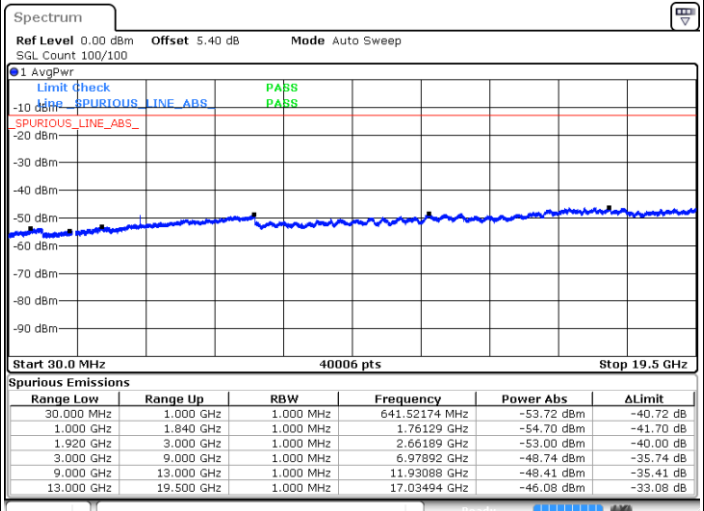
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

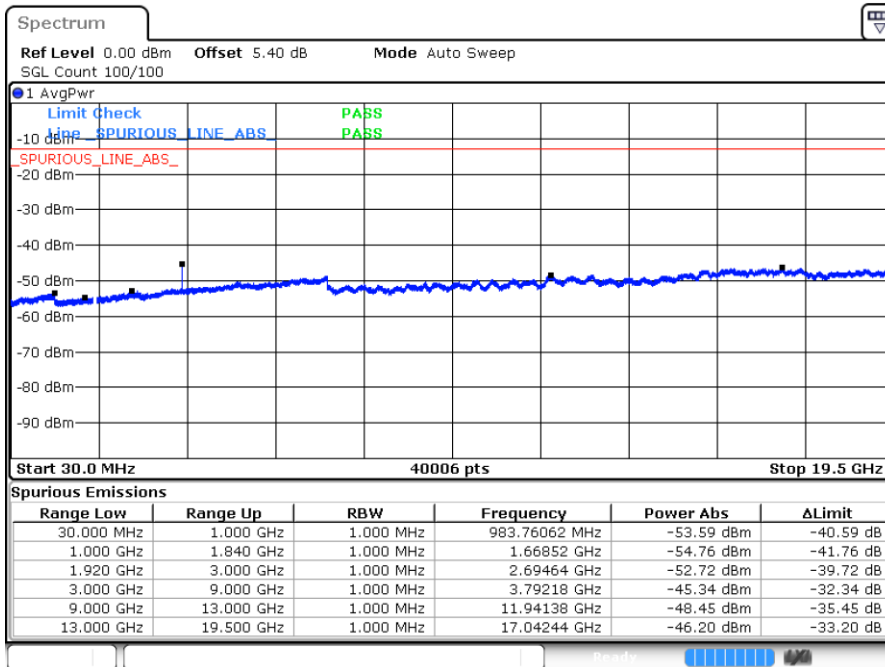


Date: 30 JAN 2022 17:37:23



Date: 30 JAN 2022 17:39:04

Highest Channel / QPSK



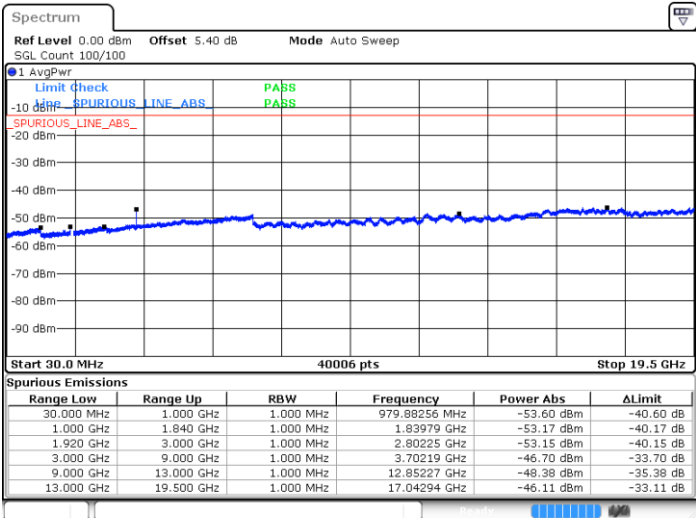
Date: 30 JAN 2022 17:46:06



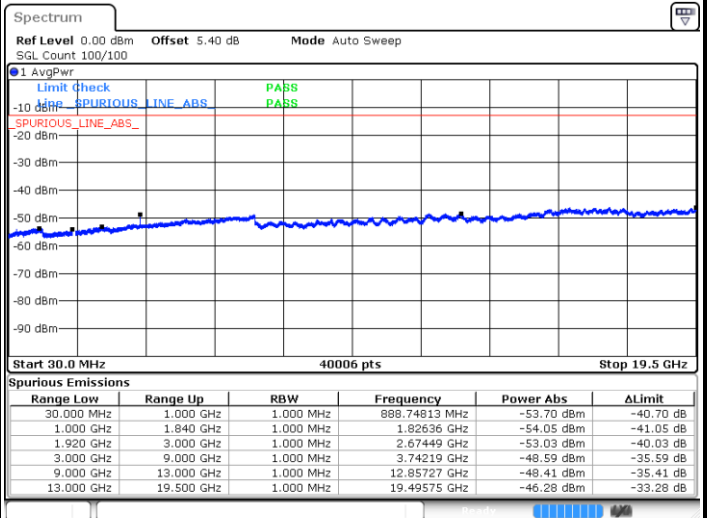
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

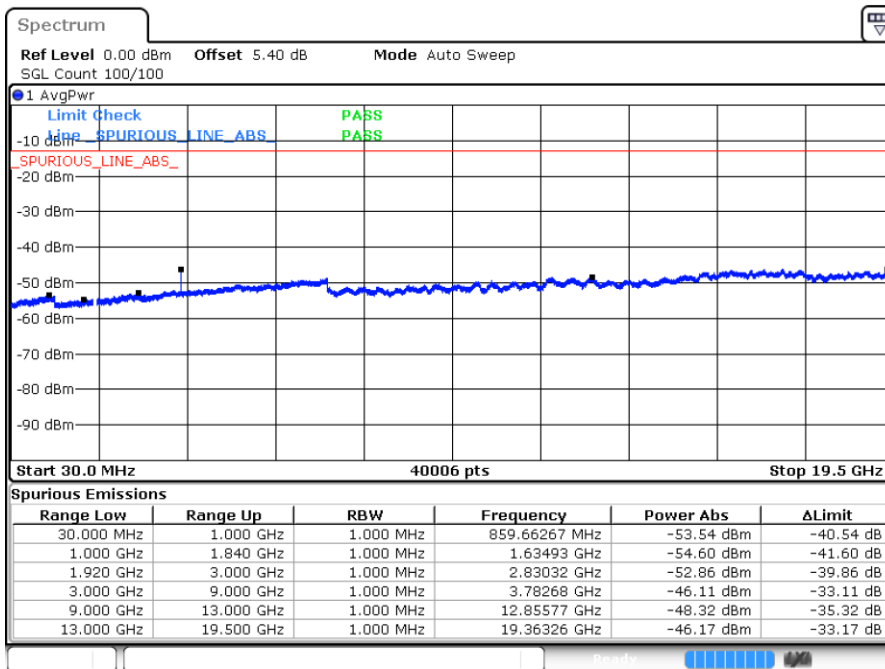


Date: 30 JAN 2022 17:54:36



Date: 30 JAN 2022 17:56:17

Highest Channel / QPSK



Date: 30 JAN 2022 18:03:20



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	0.0005	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0003	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0019	

Note:

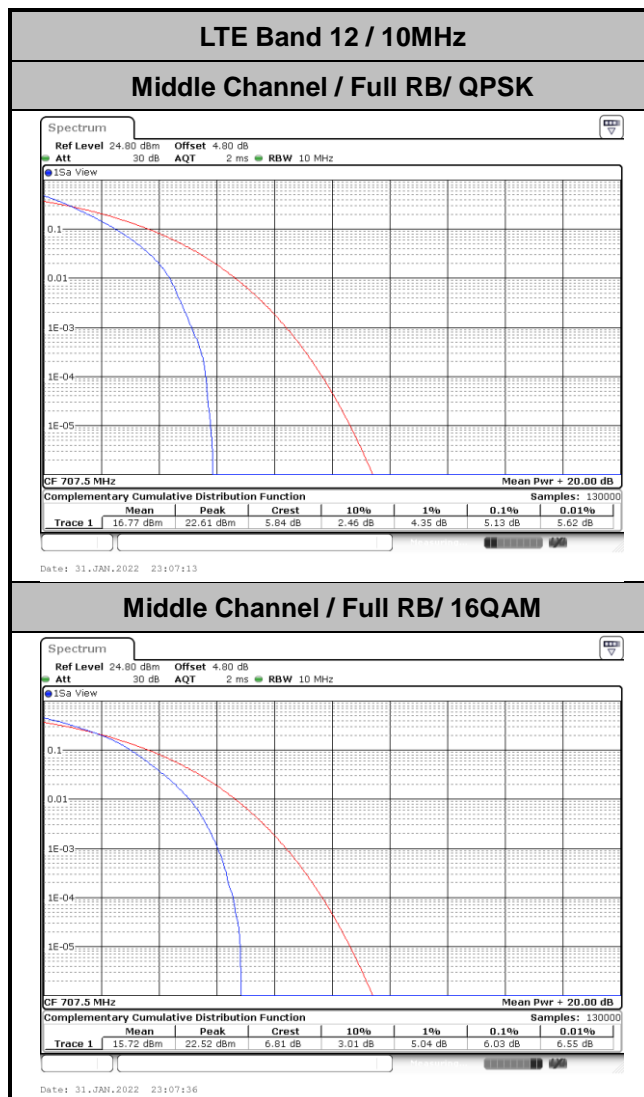
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

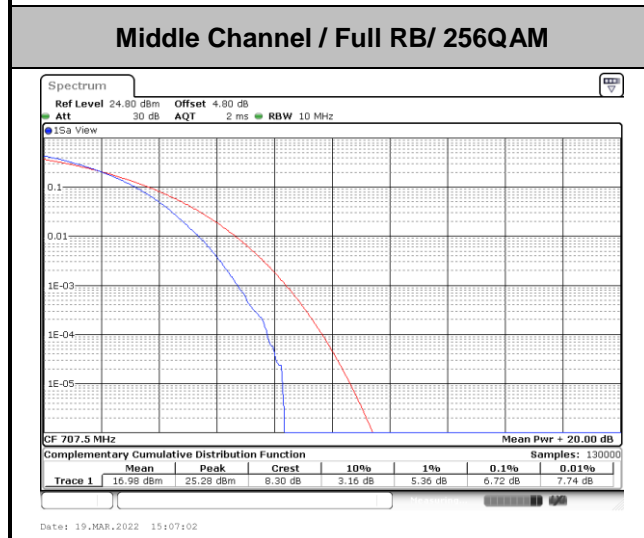
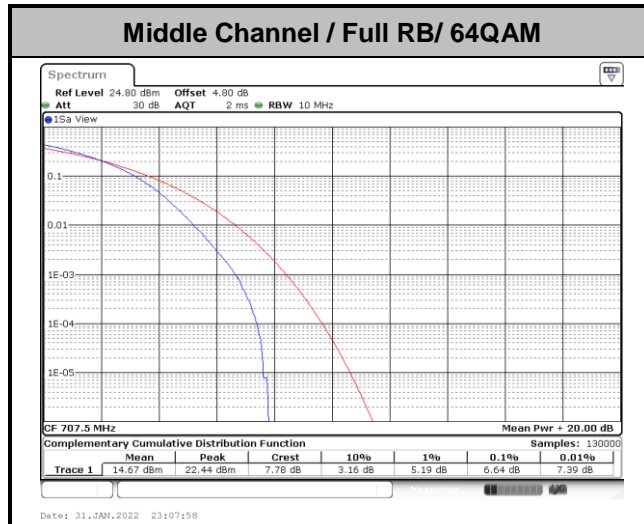


LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.13	6.03	6.64	6.72	PASS

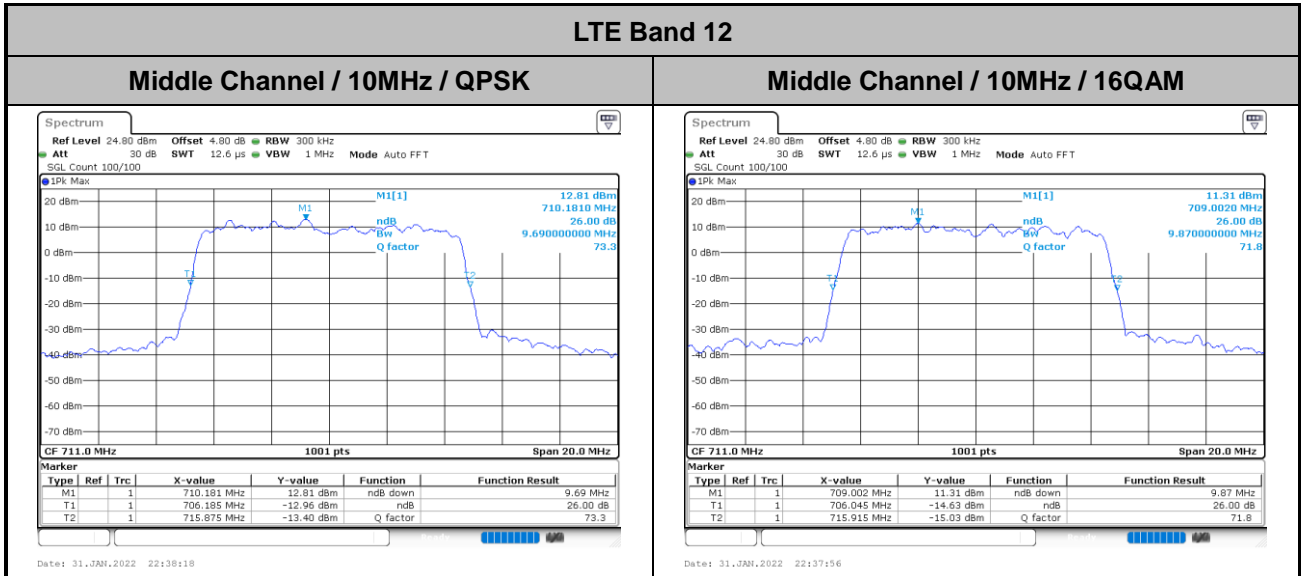






26dB Bandwidth

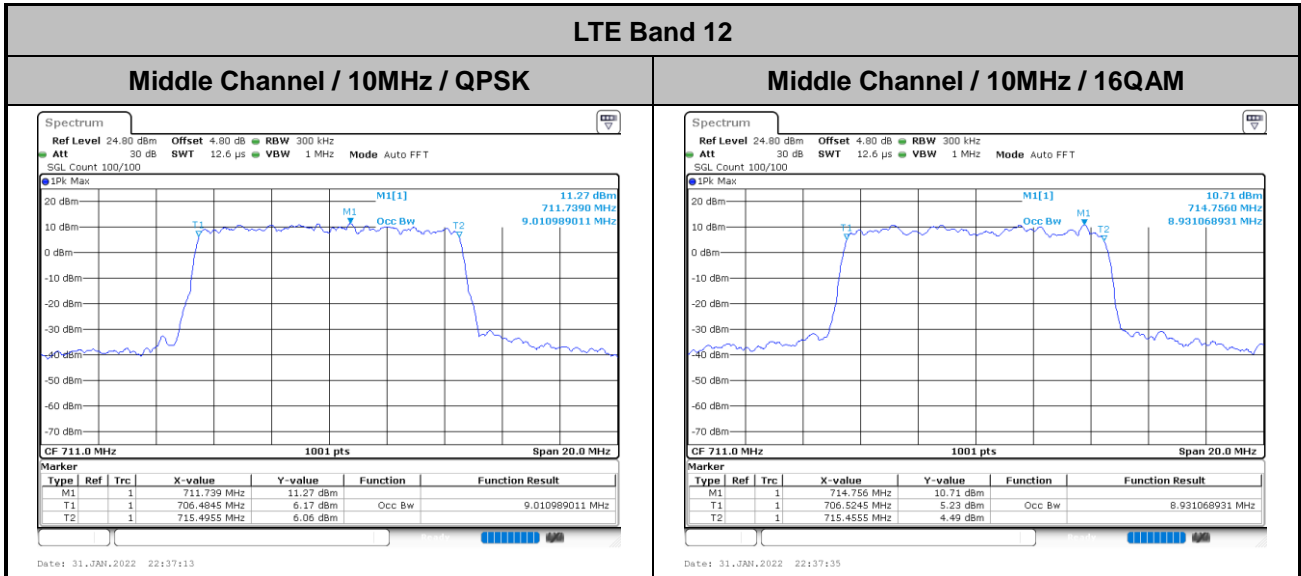
Mode	LTE Band 12 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.69	9.87





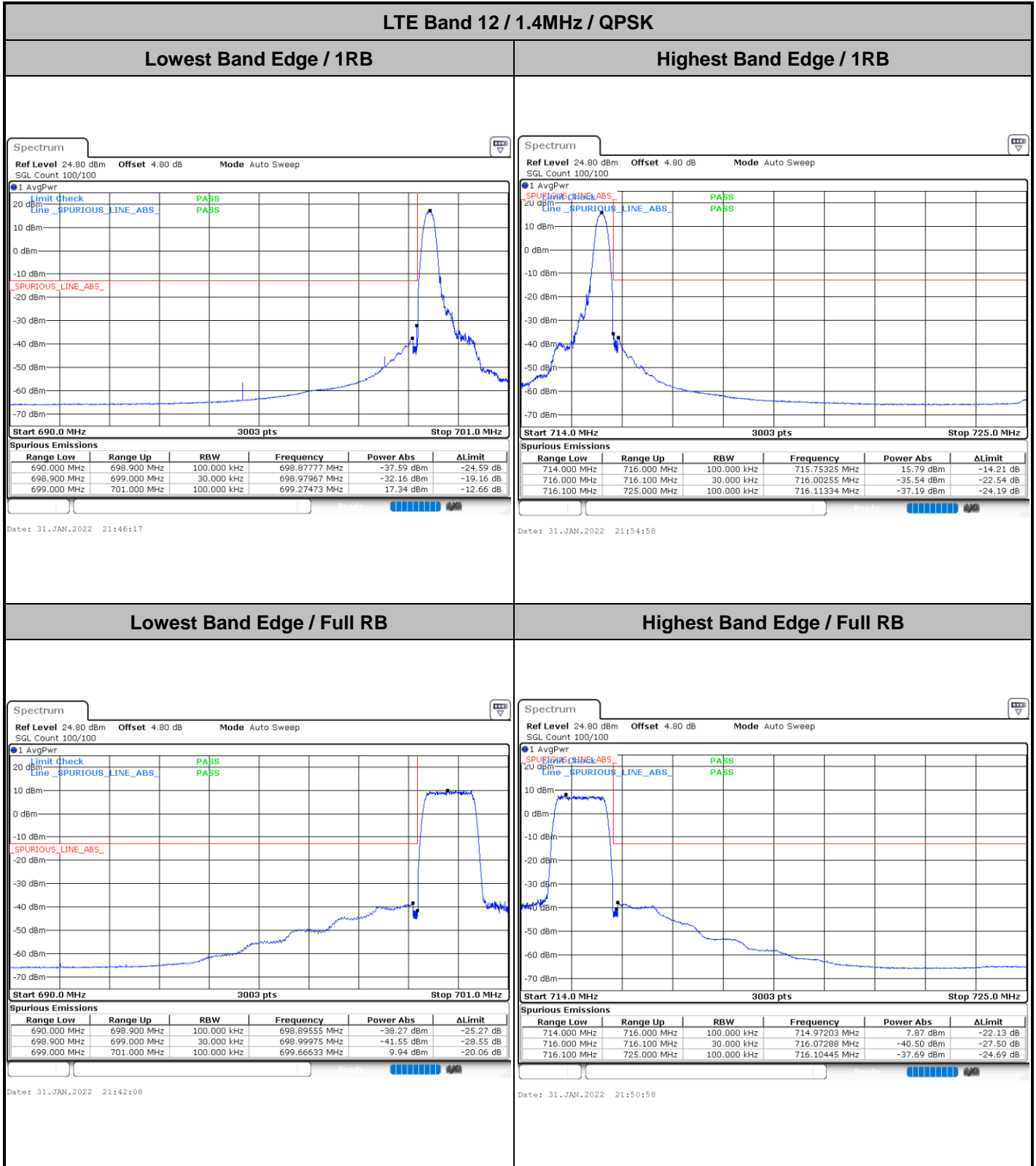
Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	8.93





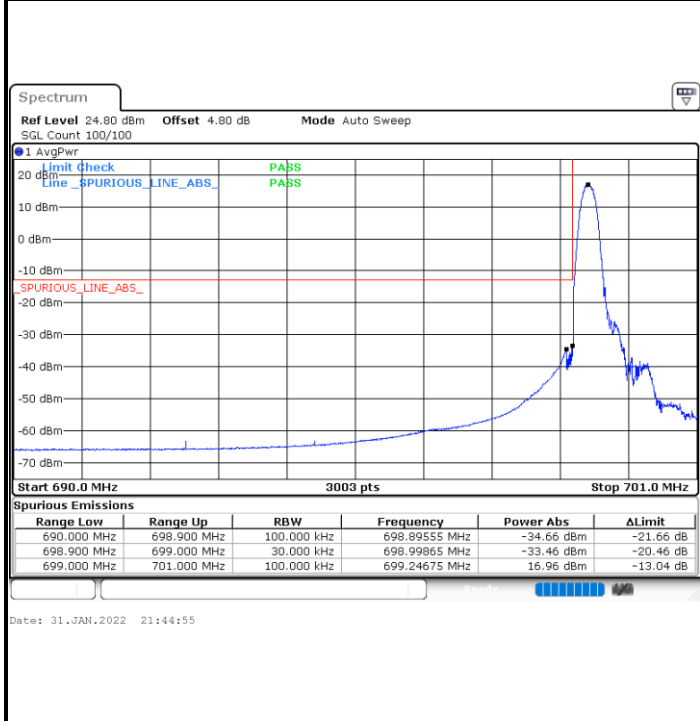
Conducted Band Edge



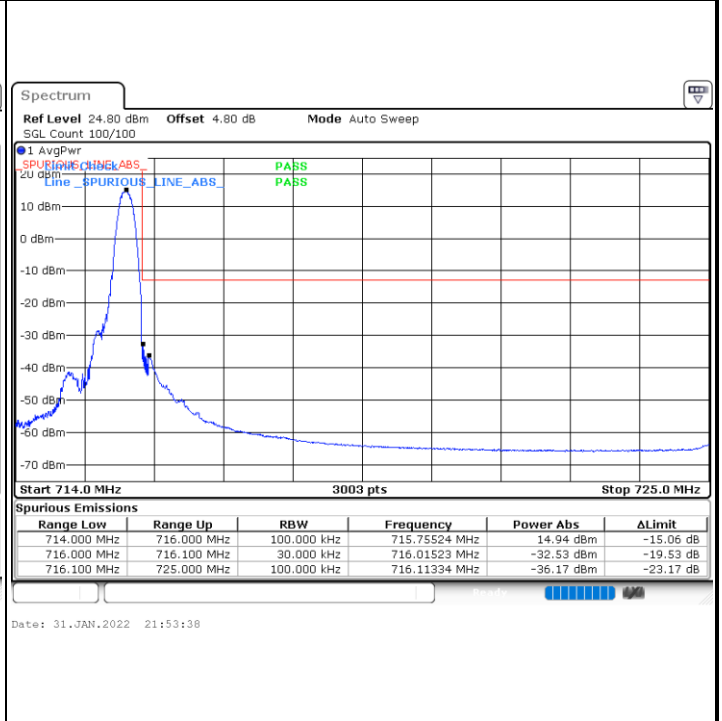


LTE Band 12 / 1.4MHz / 16QAM

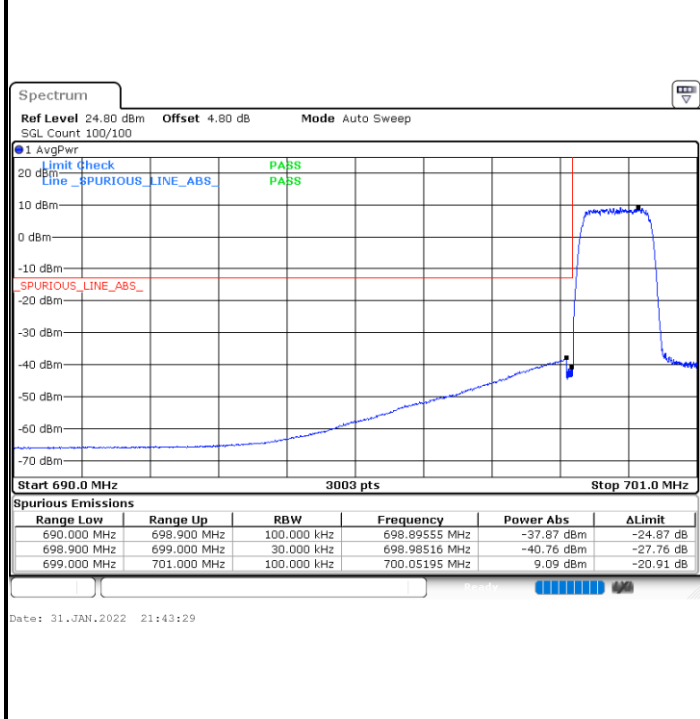
Lowest Band Edge / 1 RB



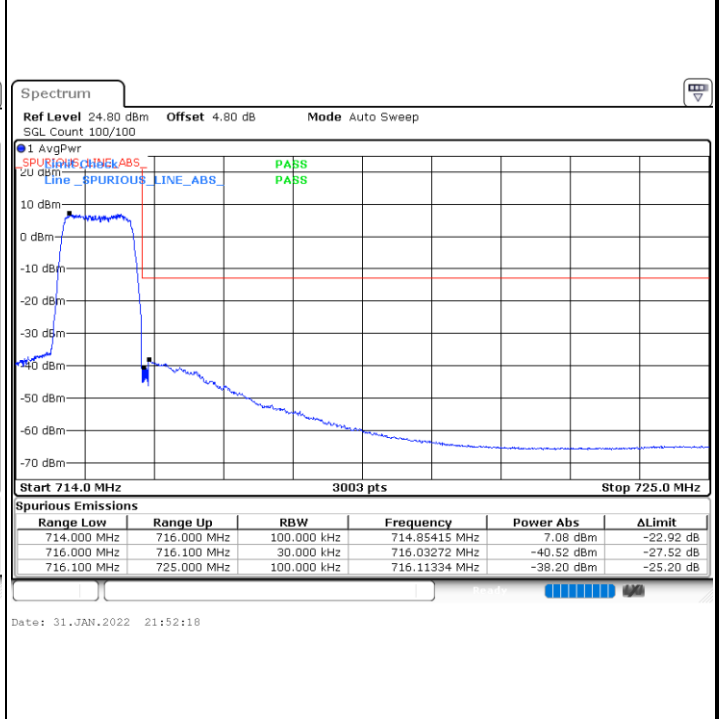
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



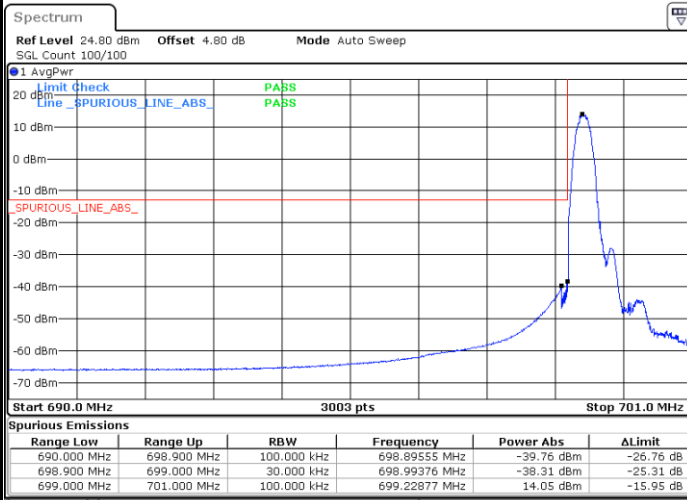
Highest Band Edge / Full RB





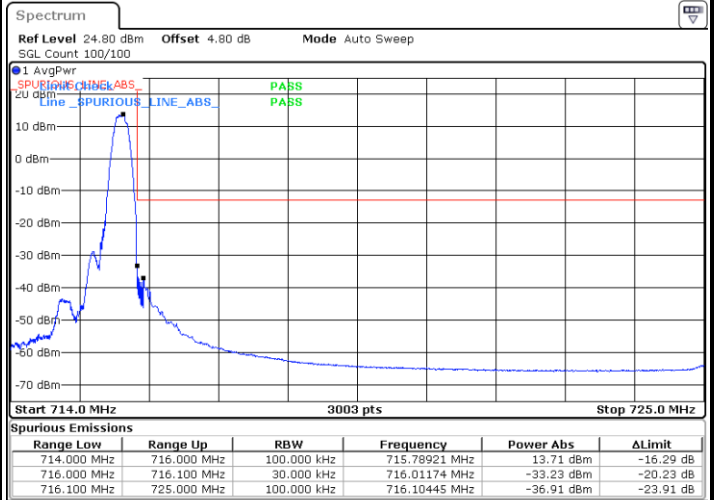
LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



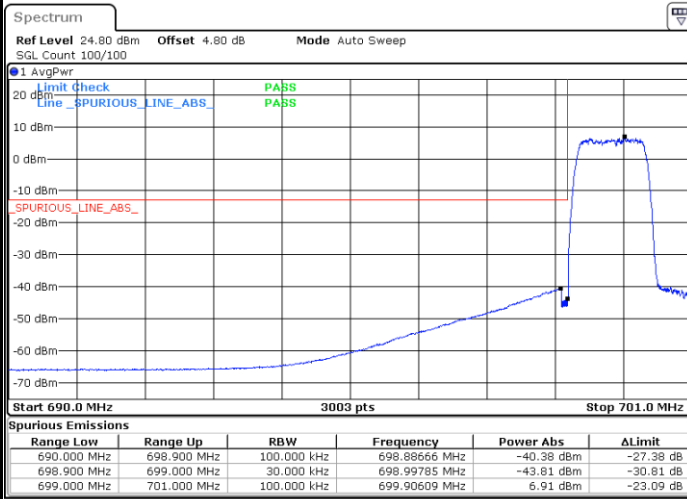
Date: 31.JAN.2022 22:46:41

Highest Band Edge / 1 RB



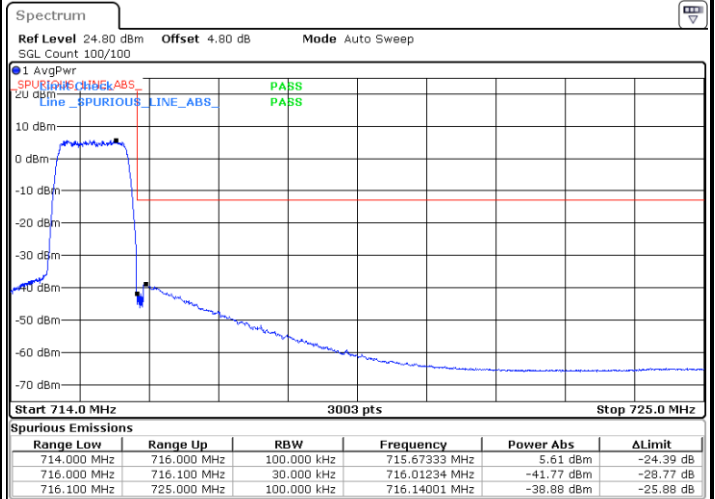
Date: 31.JAN.2022 22:50:42

Lowest Band Edge / Full RB



Date: 31.JAN.2022 22:48:01

Highest Band Edge / Full RB



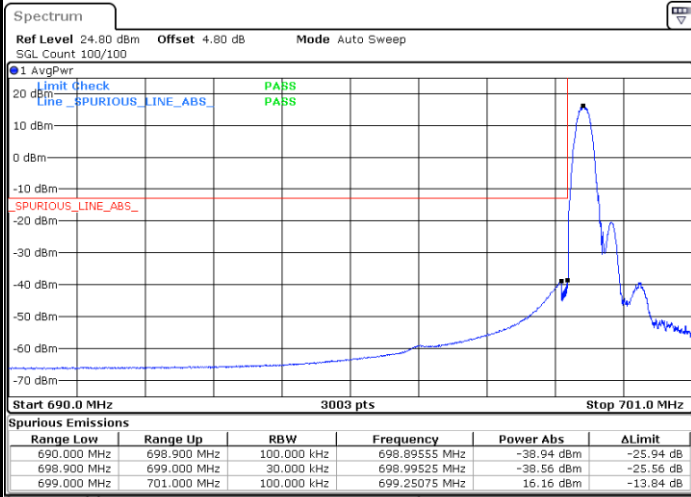
Date: 31.JAN.2022 22:49:22



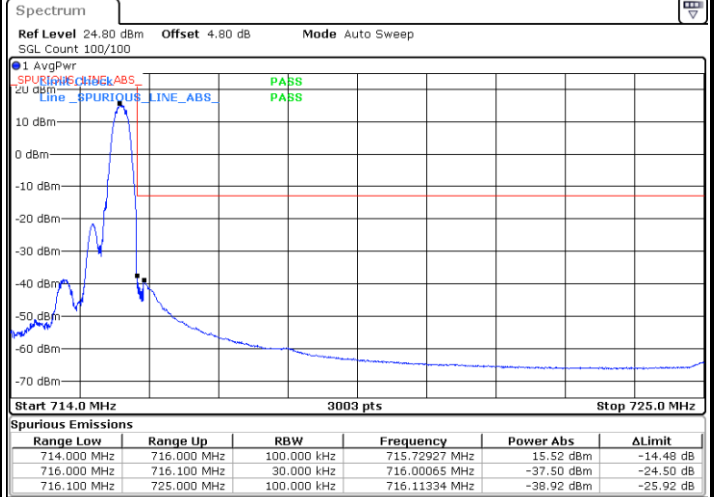
LTE Band 12 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



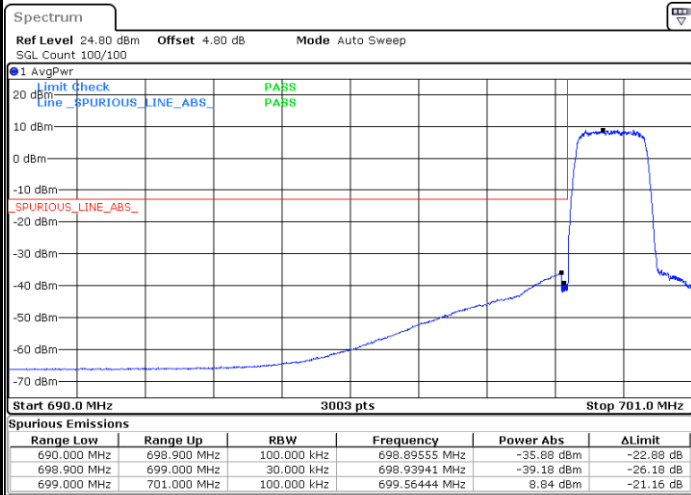
Date: 19.MAR.2022 13:50:59



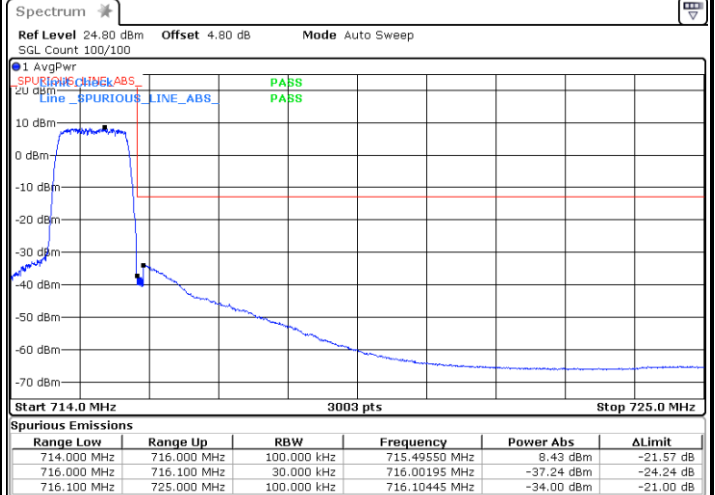
Date: 19.MAR.2022 14:11:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.MAR.2022 13:53:18

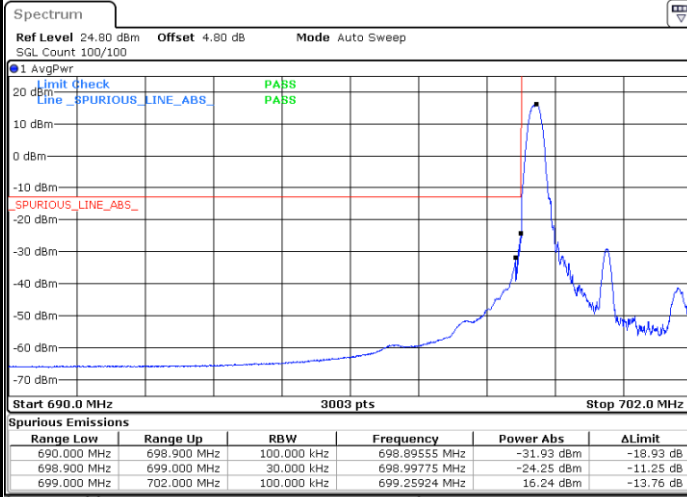


Date: 19.MAR.2022 14:10:26



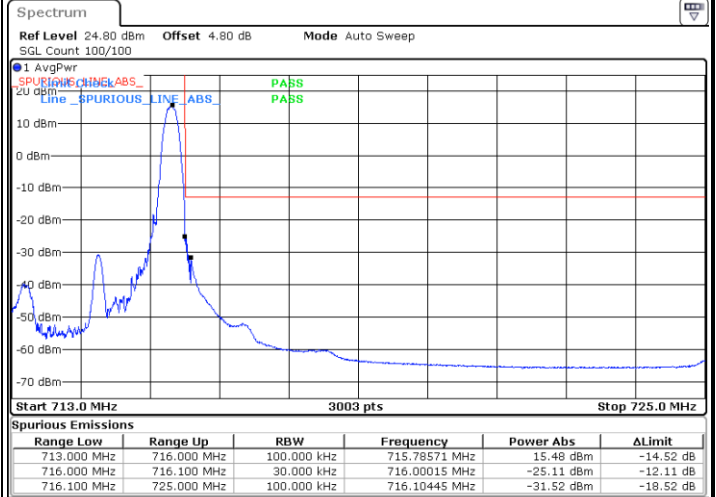
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



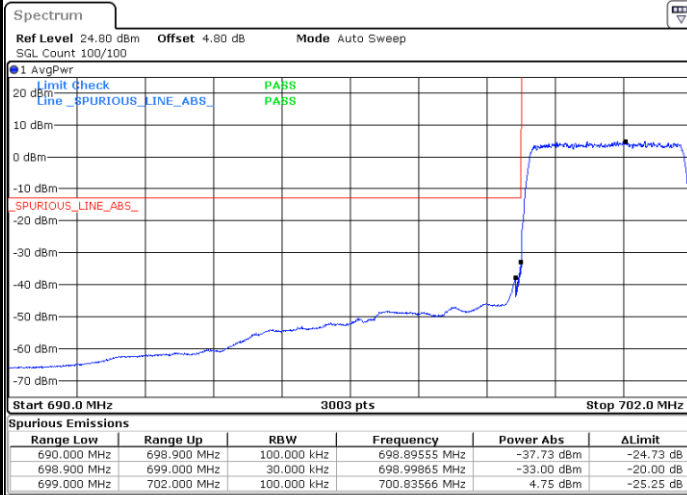
Date: 31.JAN.2022 22:02:02

Highest Band Edge / 1 RB



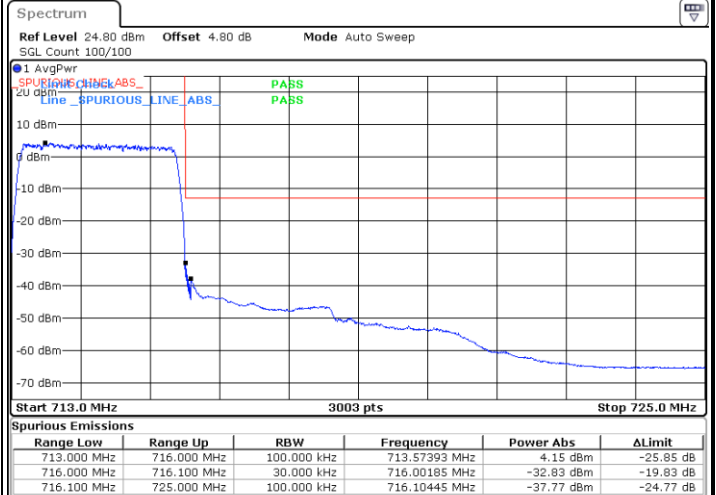
Date: 31.JAN.2022 22:10:43

Lowest Band Edge / Full RB



Date: 31.JAN.2022 21:58:01

Highest Band Edge / Full RB

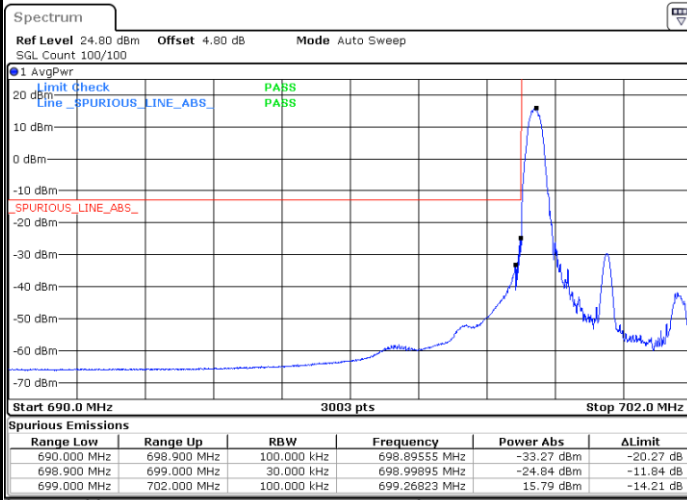


Date: 31.JAN.2022 22:06:42



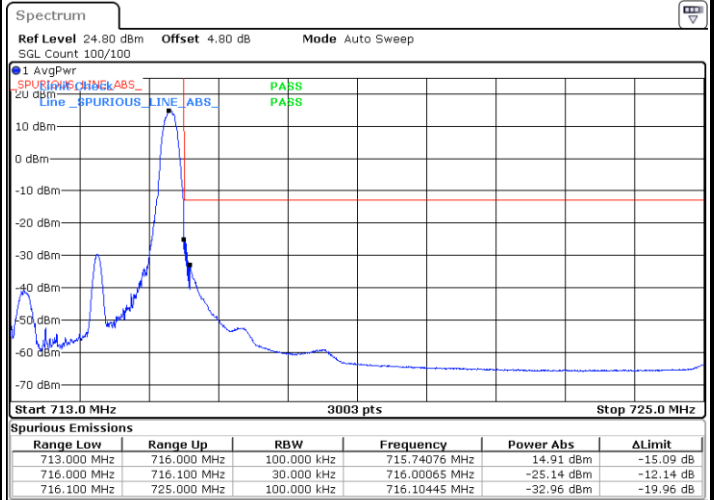
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



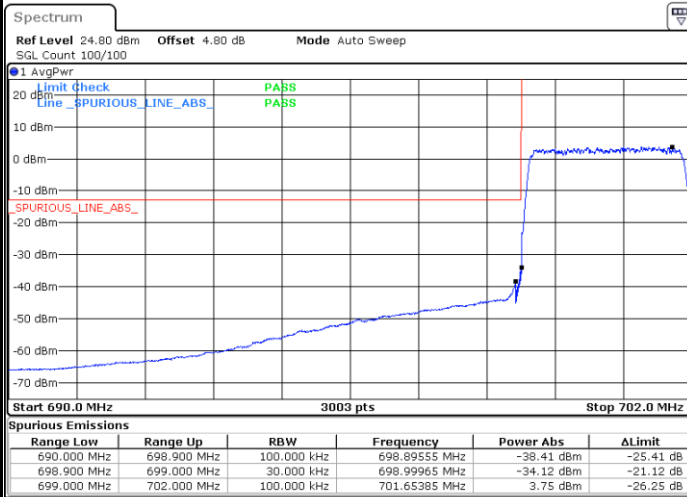
Date: 31.JAN.2022 22:00:41

Highest Band Edge / 1 RB



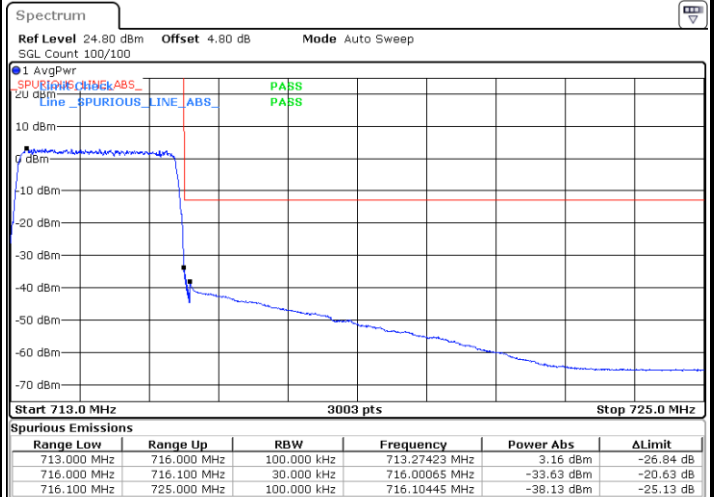
Date: 31.JAN.2022 22:09:23

Lowest Band Edge / Full RB



Date: 31.JAN.2022 21:59:21

Highest Band Edge / Full RB

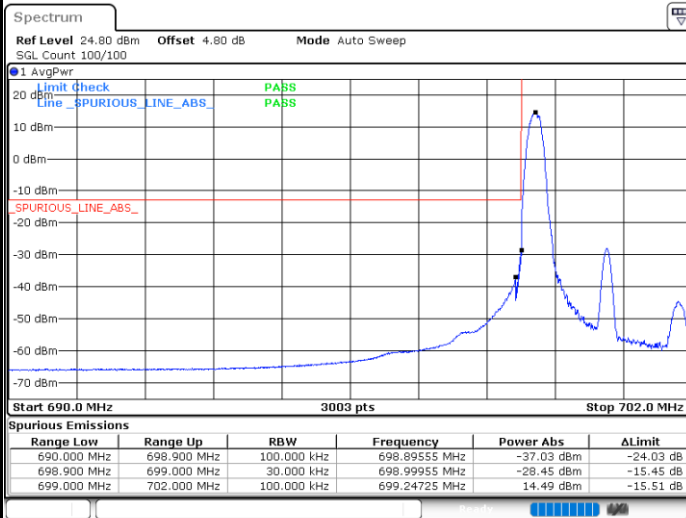


Date: 31.JAN.2022 22:08:03



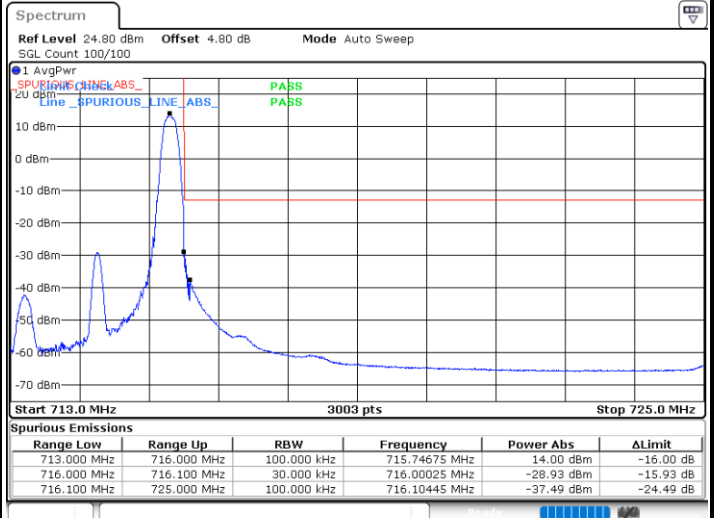
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



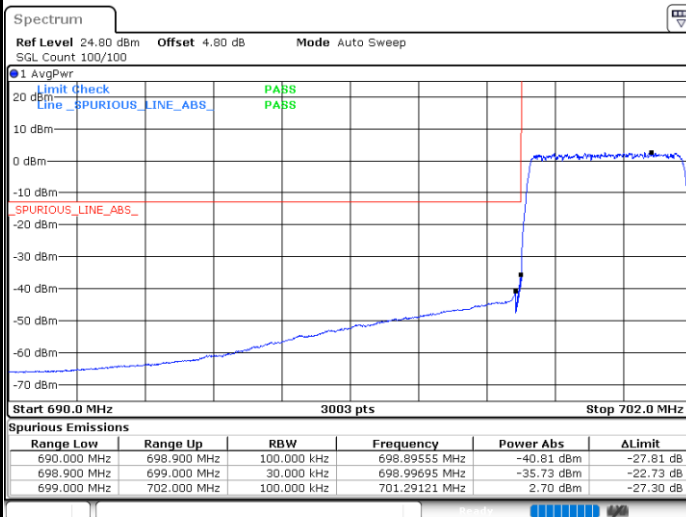
Date: 31.JAN.2022 22:52:04

Highest Band Edge / 1 RB



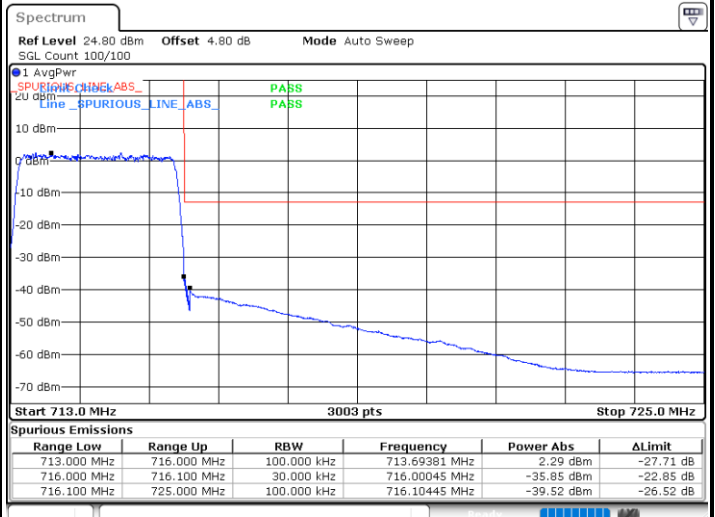
Date: 31.JAN.2022 22:56:05

Lowest Band Edge / Full RB



Date: 31.JAN.2022 22:53:24

Highest Band Edge / Full RB

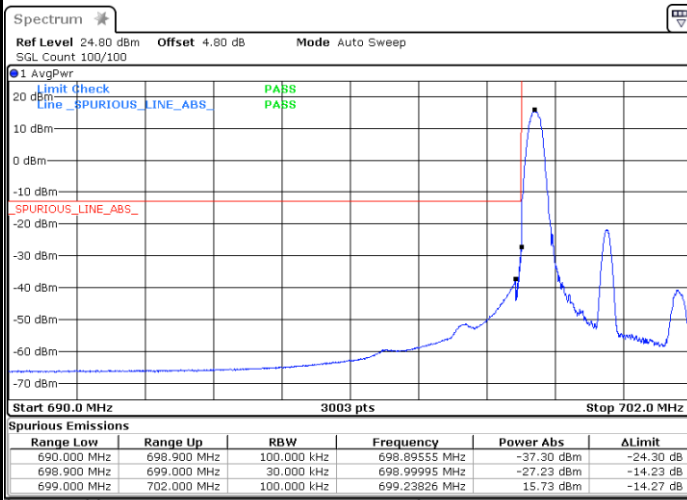


Date: 31.JAN.2022 22:54:44



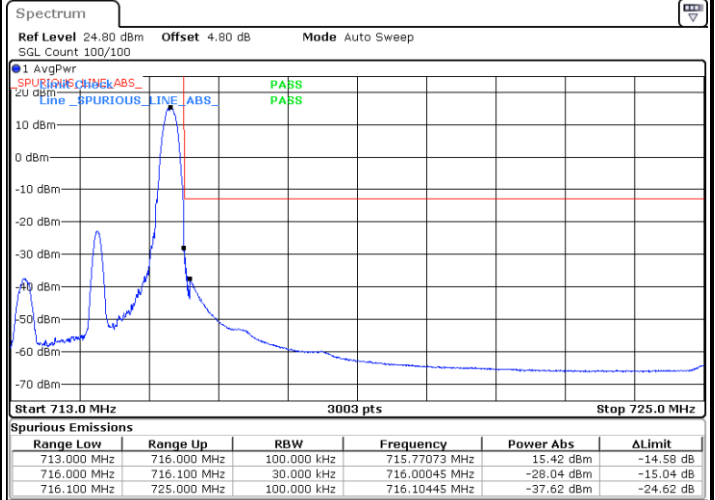
LTE Band 12 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



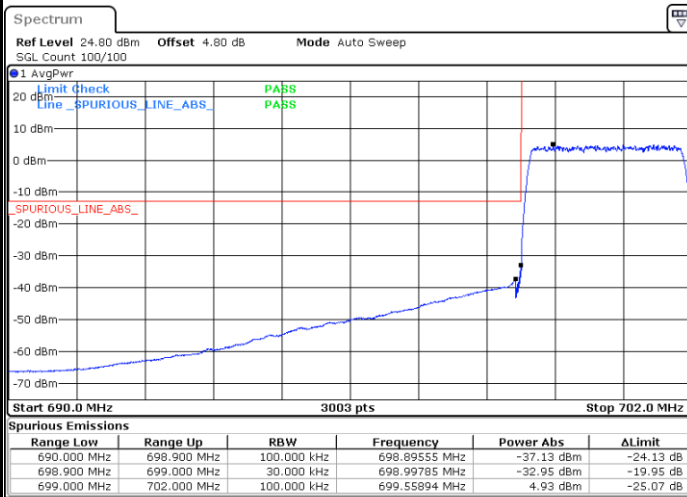
Date: 19.MAR.2022 14:30:06

Highest Band Edge / 1 RB



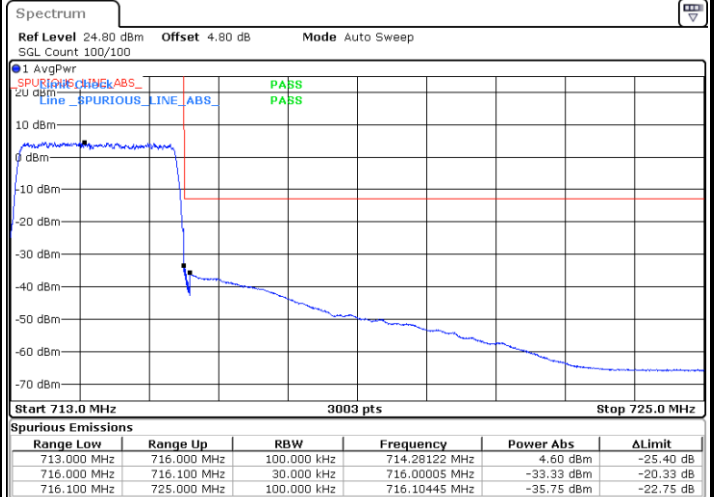
Date: 19.MAR.2022 14:32:04

Lowest Band Edge / Full RB



Date: 19.MAR.2022 14:30:55

Highest Band Edge / Full RB

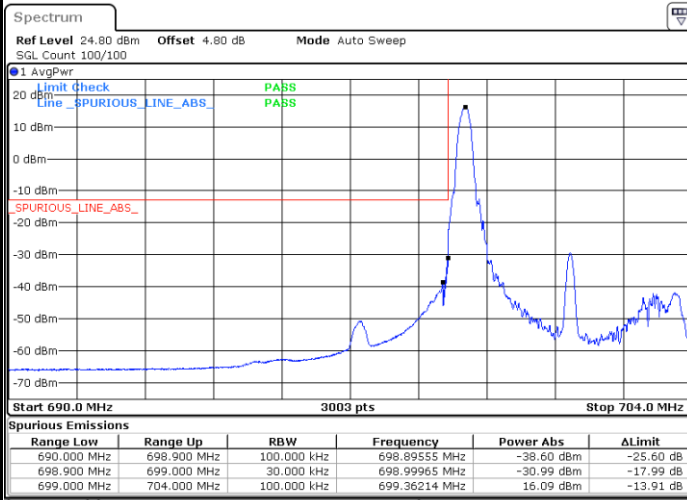


Date: 19.MAR.2022 14:32:44



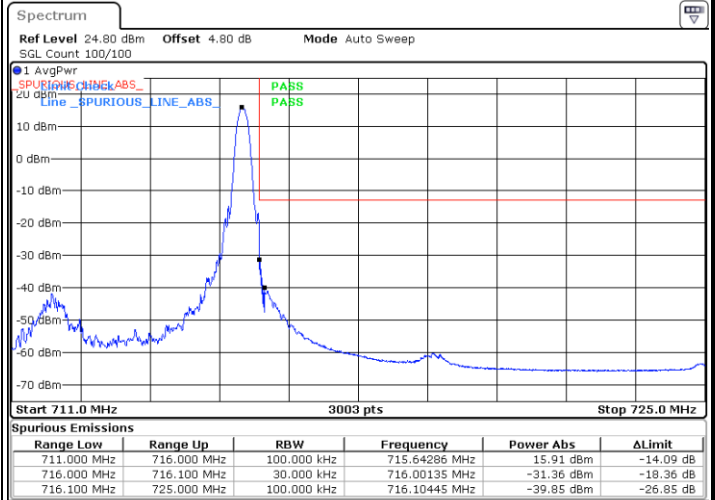
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



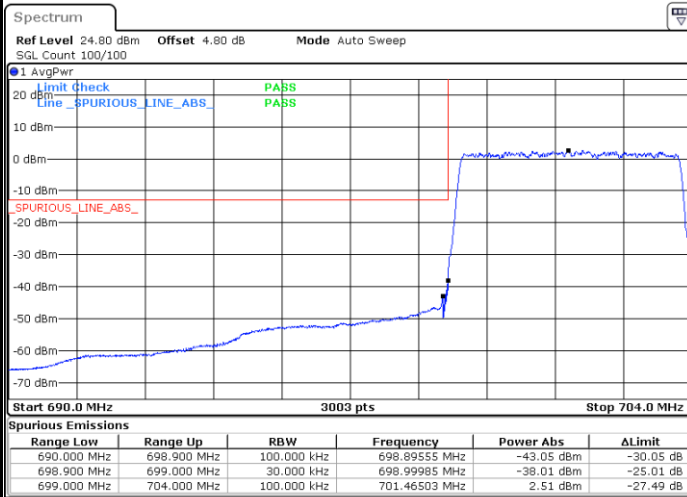
Date: 31.JAN.2022 22:17:46

Highest Band Edge / 1 RB



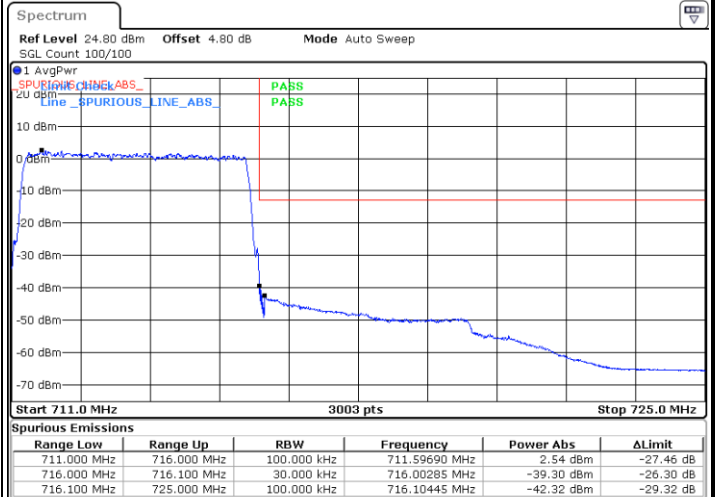
Date: 31.JAN.2022 22:25:08

Lowest Band Edge / Full RB



Date: 31.JAN.2022 22:13:45

Highest Band Edge / Full RB

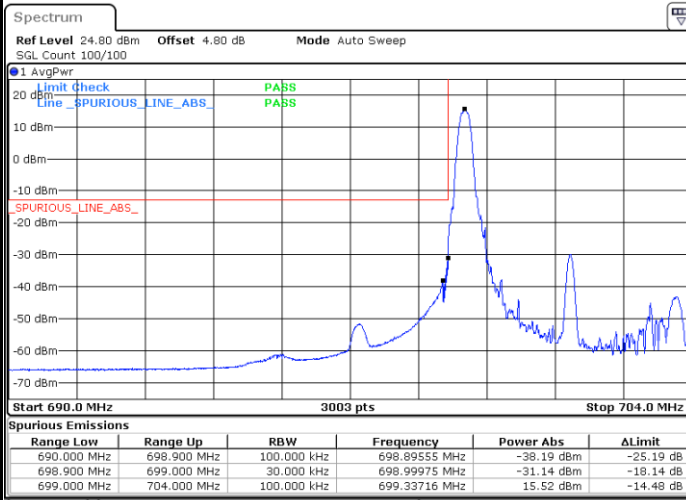


Date: 31.JAN.2022 22:22:27



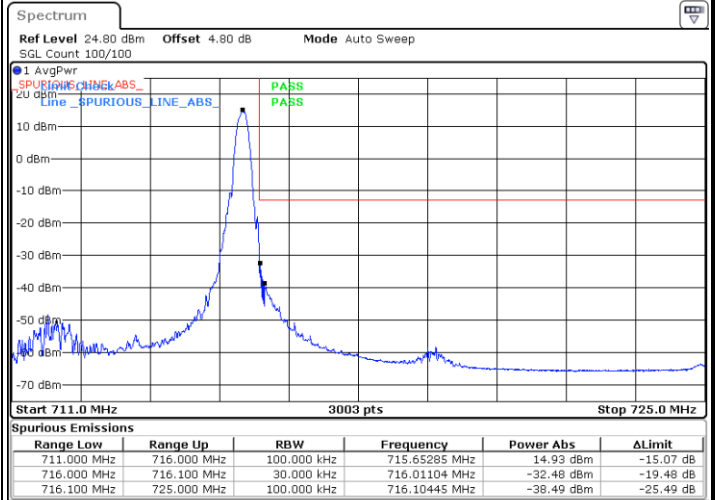
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



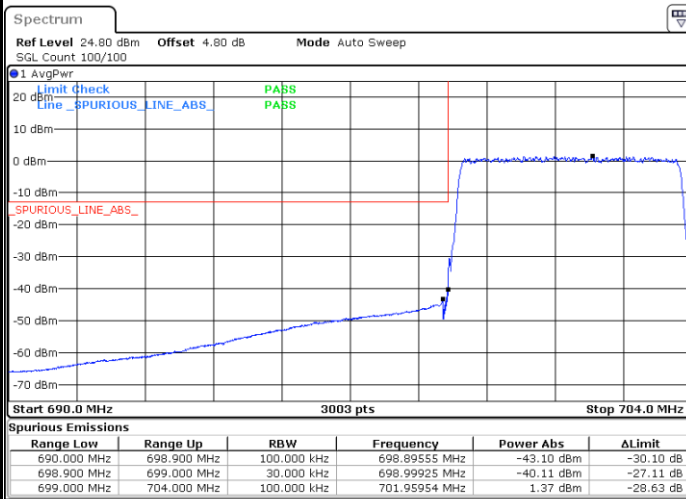
Date: 31.JAN.2022 22:16:26

Highest Band Edge / 1 RB



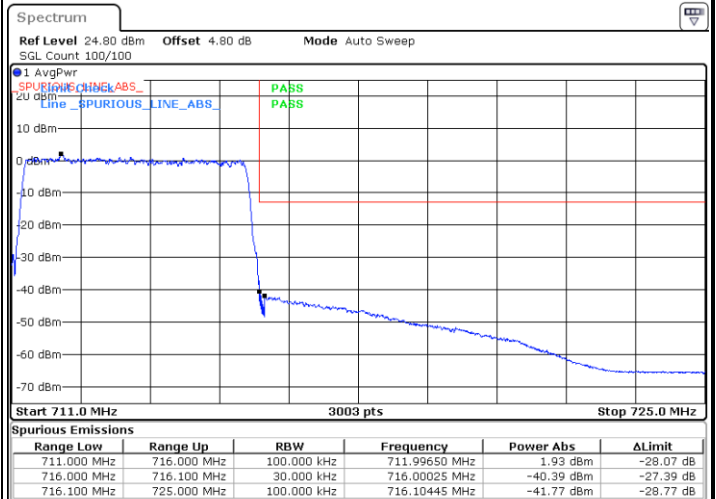
Date: 31.JAN.2022 22:26:28

Lowest Band Edge / Full RB



Date: 31.JAN.2022 22:15:06

Highest Band Edge / Full RB

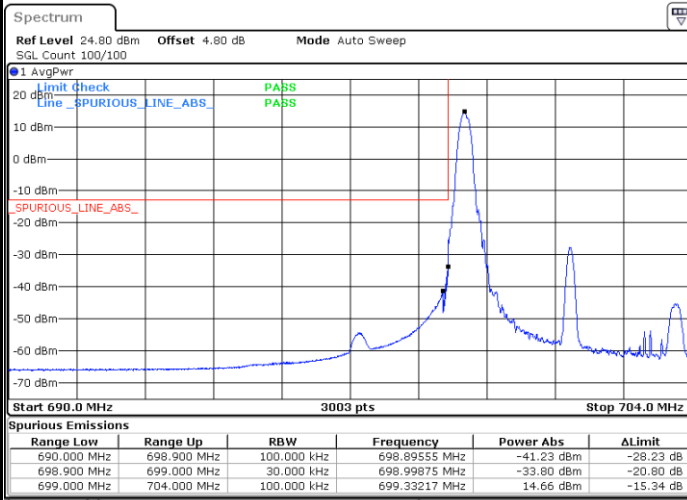


Date: 31.JAN.2022 22:23:47



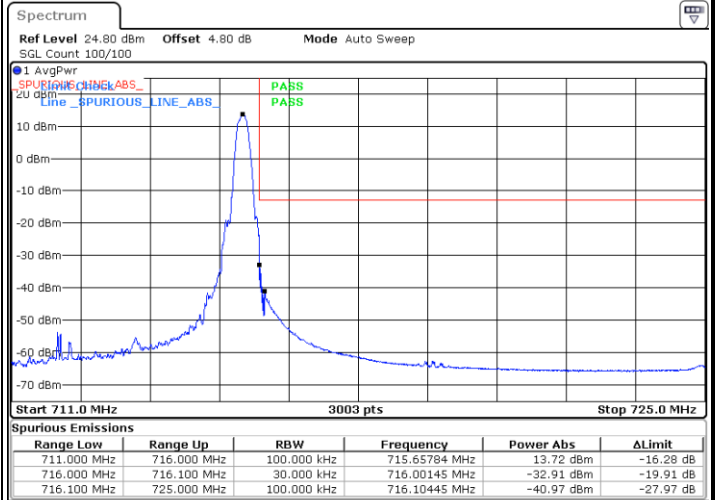
LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB



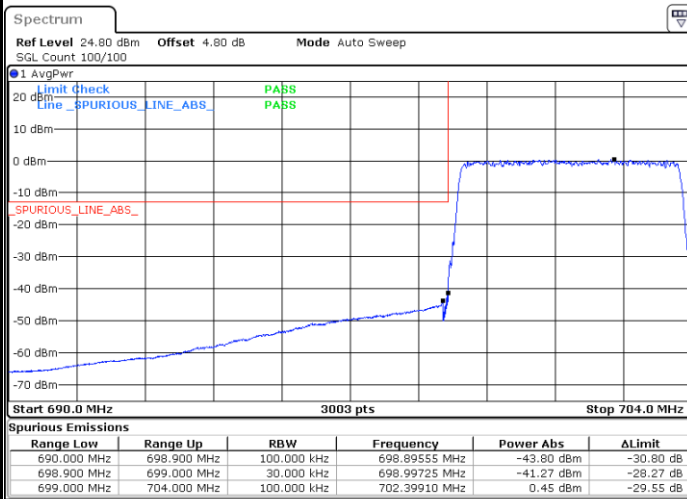
Date: 31.JAN.2022 22:57:27

Highest Band Edge / 1 RB



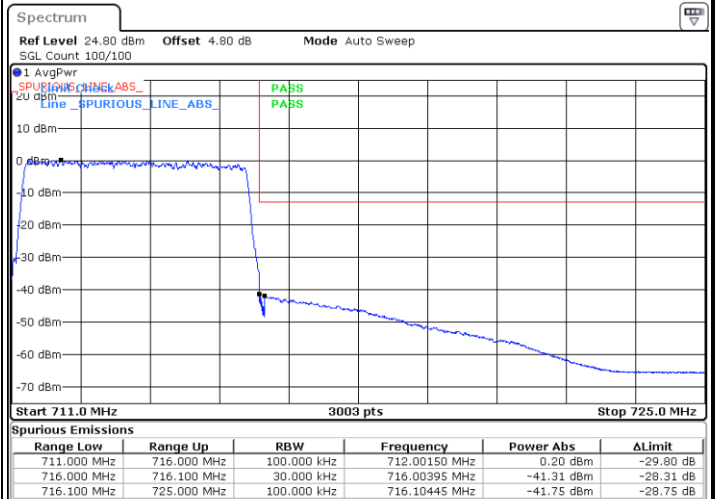
Date: 31.JAN.2022 23:01:28

Lowest Band Edge / Full RB



Date: 31.JAN.2022 22:58:47

Highest Band Edge / Full RB

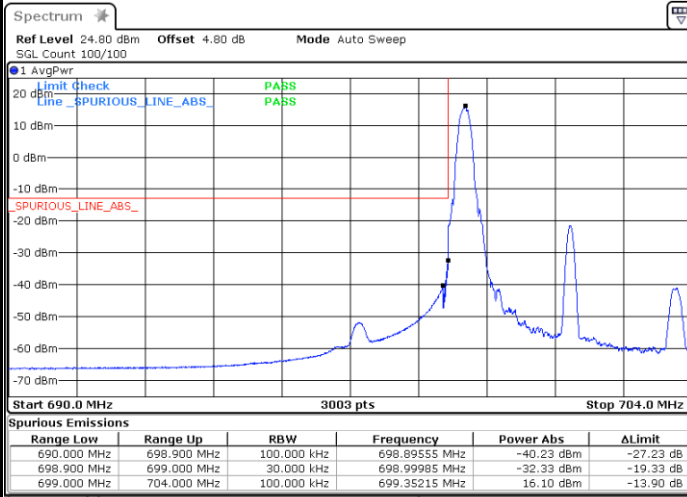


Date: 31.JAN.2022 23:00:07



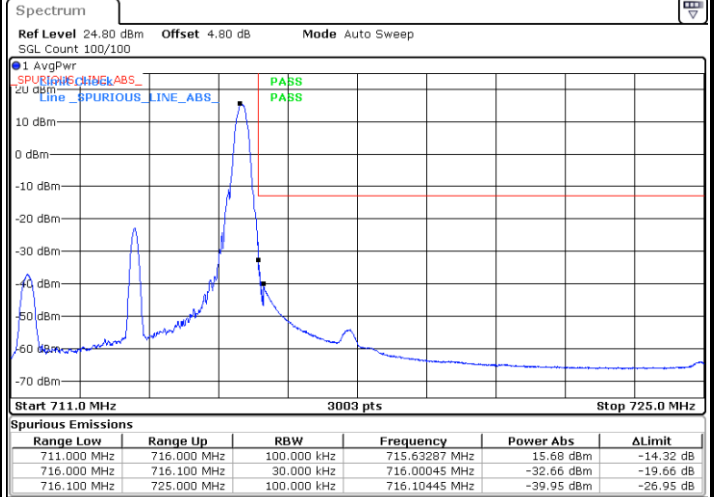
LTE Band 12 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



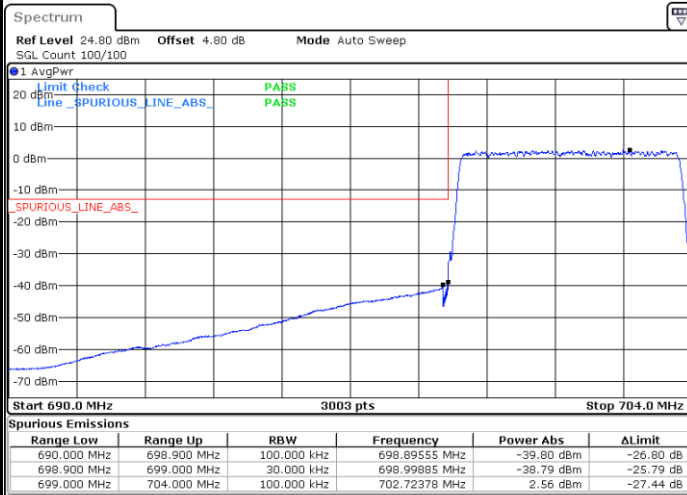
Date: 19.MAR.2022 14:40:40

Highest Band Edge / 1 RB



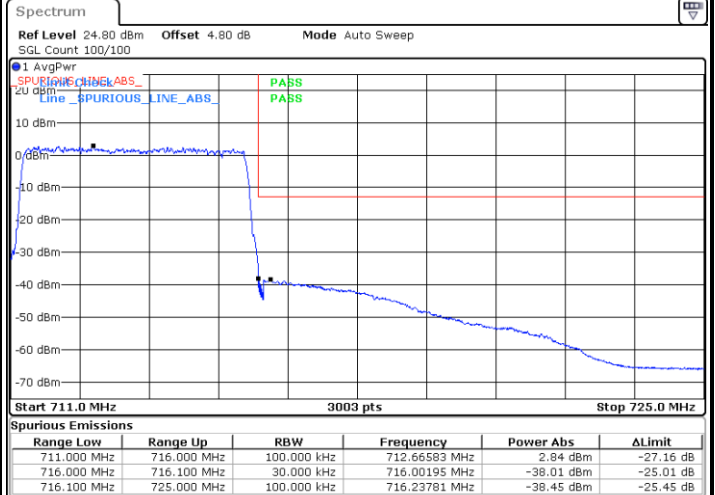
Date: 19.MAR.2022 14:43:21

Lowest Band Edge / Full RB



Date: 19.MAR.2022 14:41:59

Highest Band Edge / Full RB

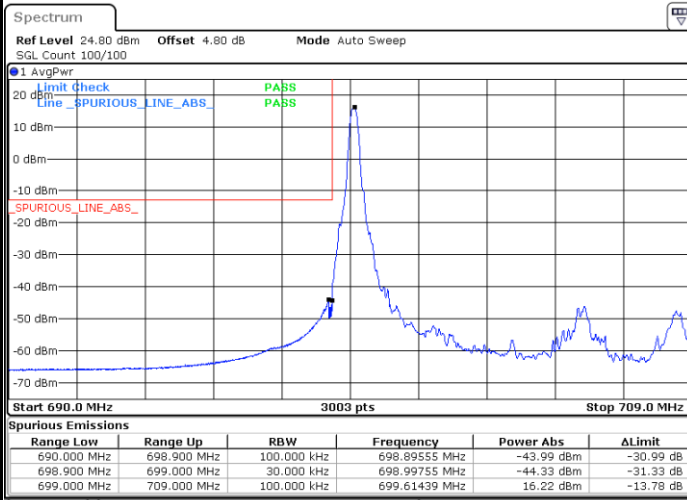


Date: 19.MAR.2022 14:44:11



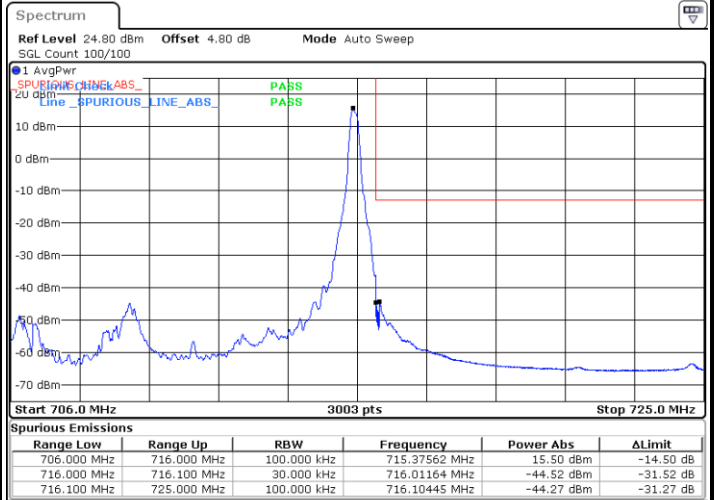
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



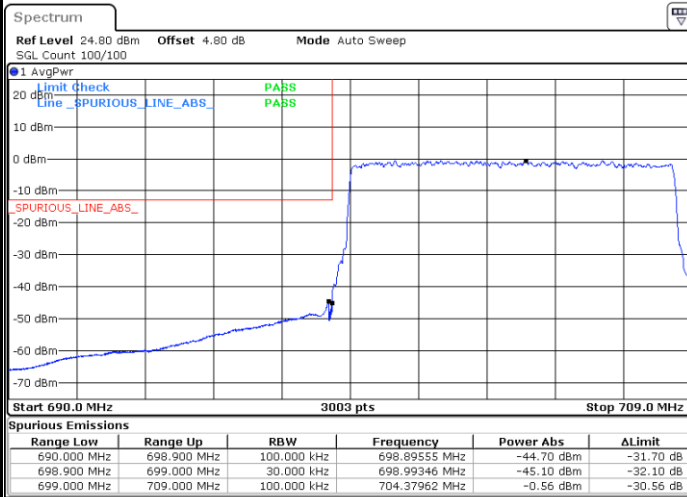
Date: 31.JAN.2022 22:33:31

Highest Band Edge / 1 RB



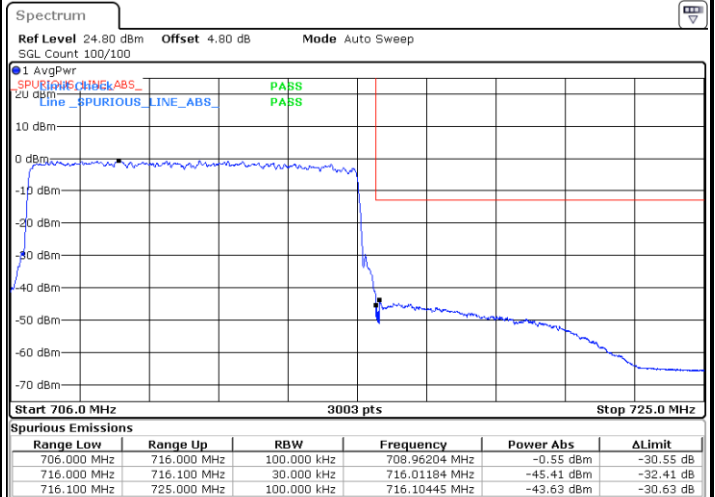
Date: 31.JAN.2022 22:43:39

Lowest Band Edge / Full RB



Date: 31.JAN.2022 22:29:30

Highest Band Edge / Full RB



Date: 31.JAN.2022 22:39:38