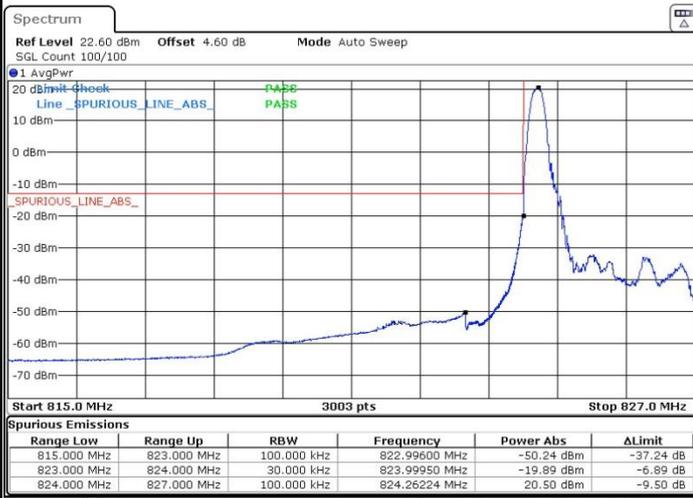




LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 7.FEB.2022 02:33:59

Highest Band Edge / 1 RB



Date: 7.FEB.2022 03:11:09

Lowest Band Edge / Full RB



Date: 7.FEB.2022 02:35:16

Highest Band Edge / Full RB

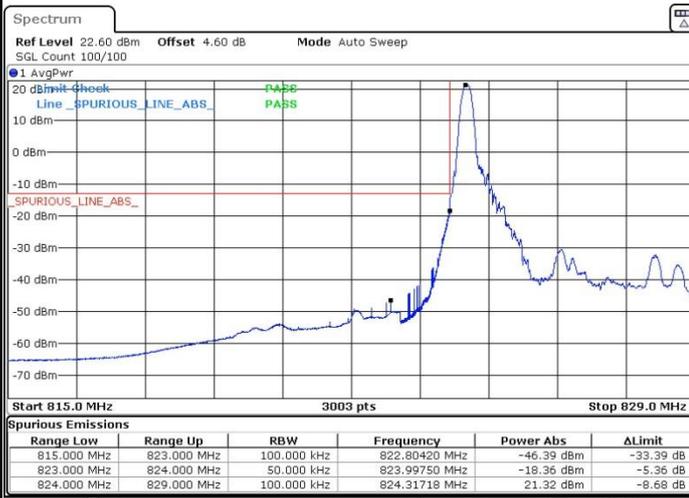


Date: 7.FEB.2022 03:12:45



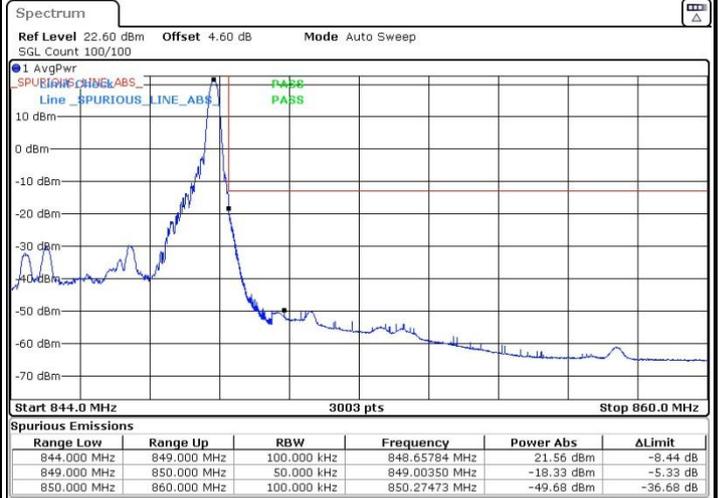
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 7.FEB.2022 03:20:46

Highest Band Edge / 1 RB



Date: 7.FEB.2022 03:33:06

Lowest Band Edge / Full RB



Date: 7.FEB.2022 03:26:05

Highest Band Edge / Full RB

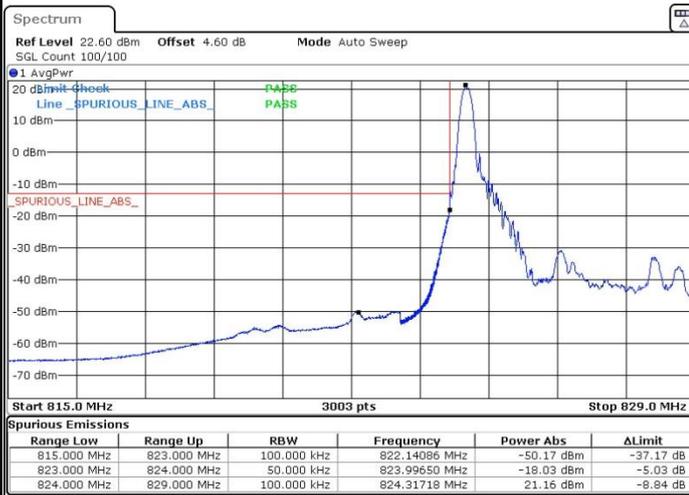


Date: 7.FEB.2022 03:37:57



LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 7.FEB.2022 03:21:50

Highest Band Edge / 1 RB



Date: 7.FEB.2022 03:33:59

Lowest Band Edge / Full RB



Date: 7.FEB.2022 03:24:27

Highest Band Edge / Full RB

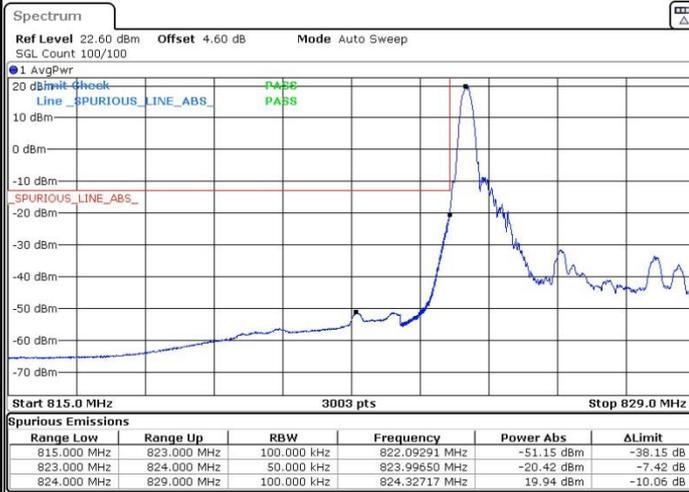


Date: 7.FEB.2022 03:37:03



LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 7.FEB.2022 03:22:45

Highest Band Edge / 1 RB



Date: 7.FEB.2022 03:34:52

Lowest Band Edge / Full RB



Date: 7.FEB.2022 03:23:38

Highest Band Edge / Full RB

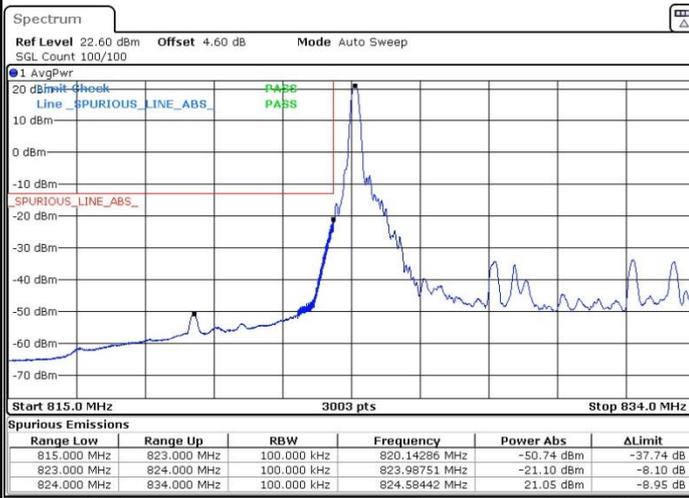


Date: 7.FEB.2022 03:36:10



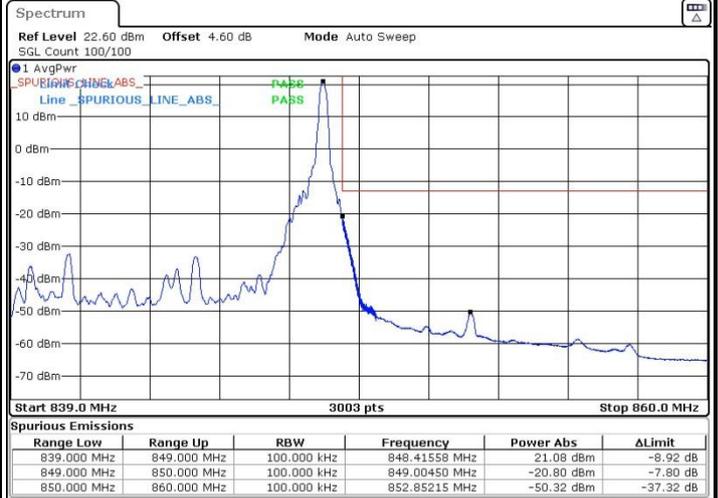
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



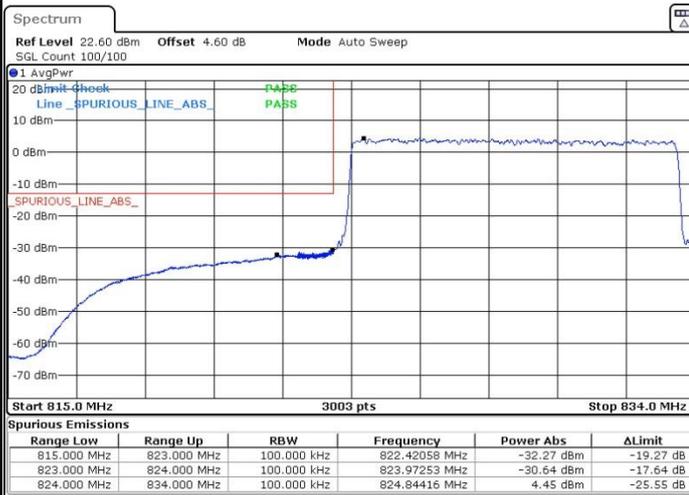
Date: 7.FEB.2022 03:43:12

Highest Band Edge / 1 RB



Date: 7.FEB.2022 04:16:19

Lowest Band Edge / Full RB



Date: 7.FEB.2022 03:47:08

Highest Band Edge / Full RB

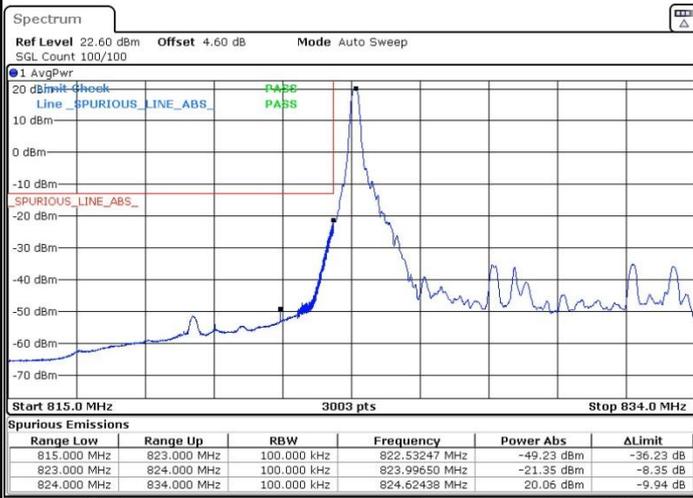


Date: 7.FEB.2022 04:22:32



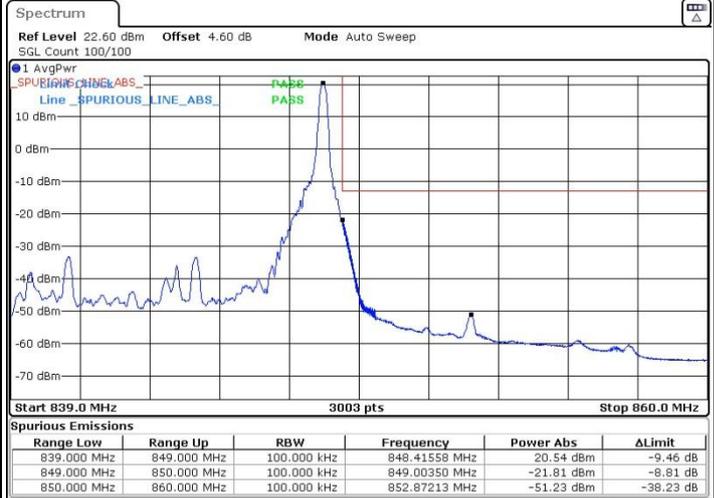
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



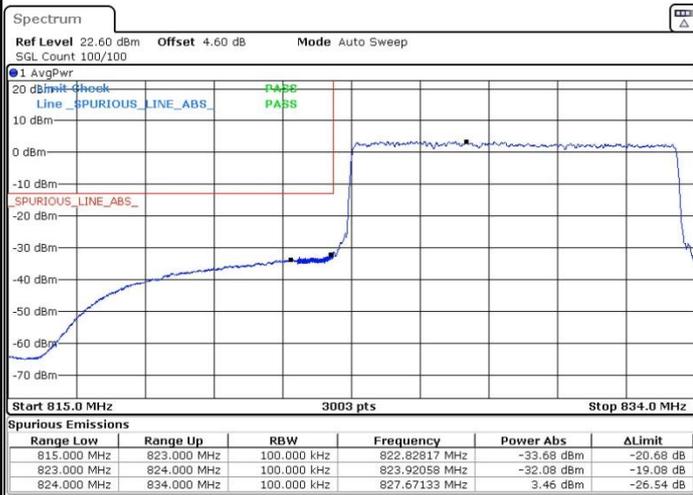
Date: 7.FEB.2022 03:43:52

Highest Band Edge / 1 RB



Date: 7.FEB.2022 04:17:36

Lowest Band Edge / Full RB



Date: 7.FEB.2022 03:46:27

Highest Band Edge / Full RB

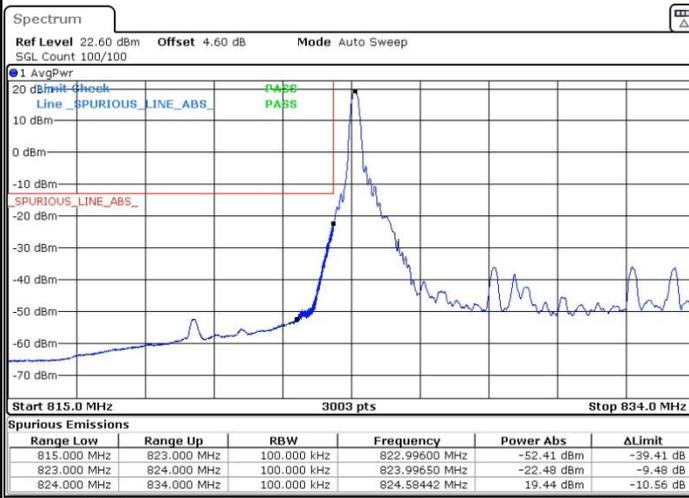


Date: 7.FEB.2022 04:21:43



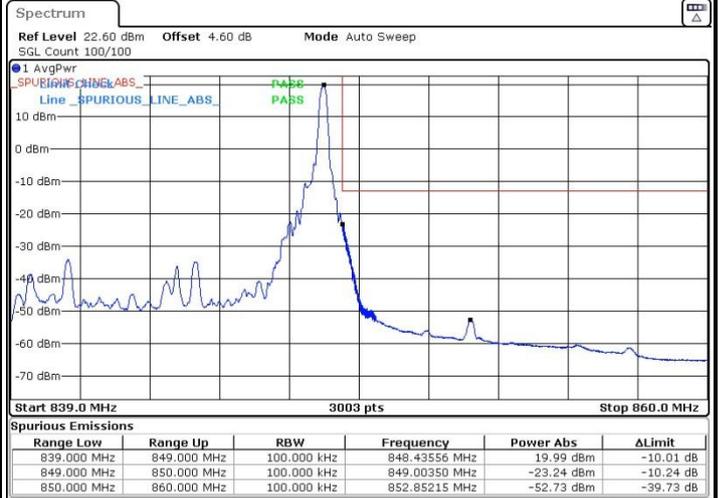
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



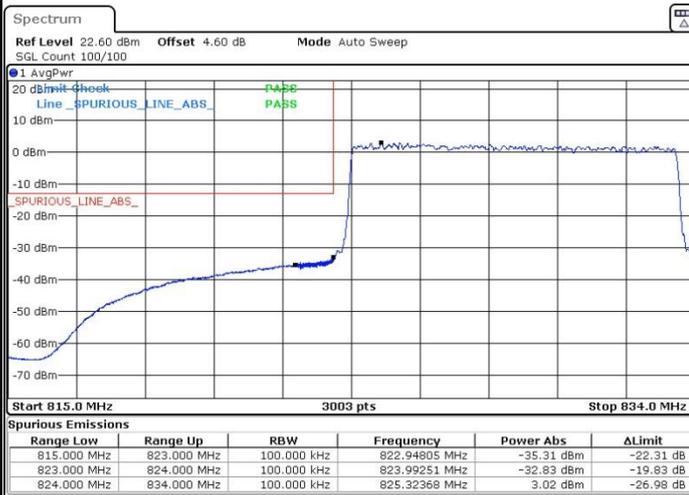
Date: 7.FEB.2022 03:45:01

Highest Band Edge / 1 RB



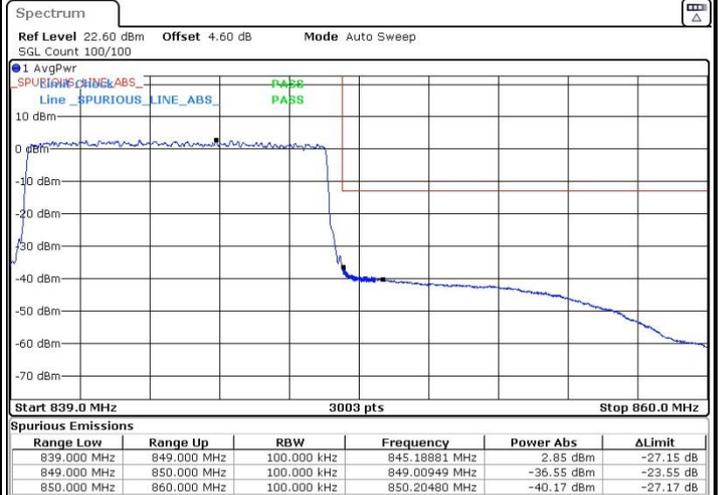
Date: 7.FEB.2022 04:19:22

Lowest Band Edge / Full RB



Date: 7.FEB.2022 03:45:42

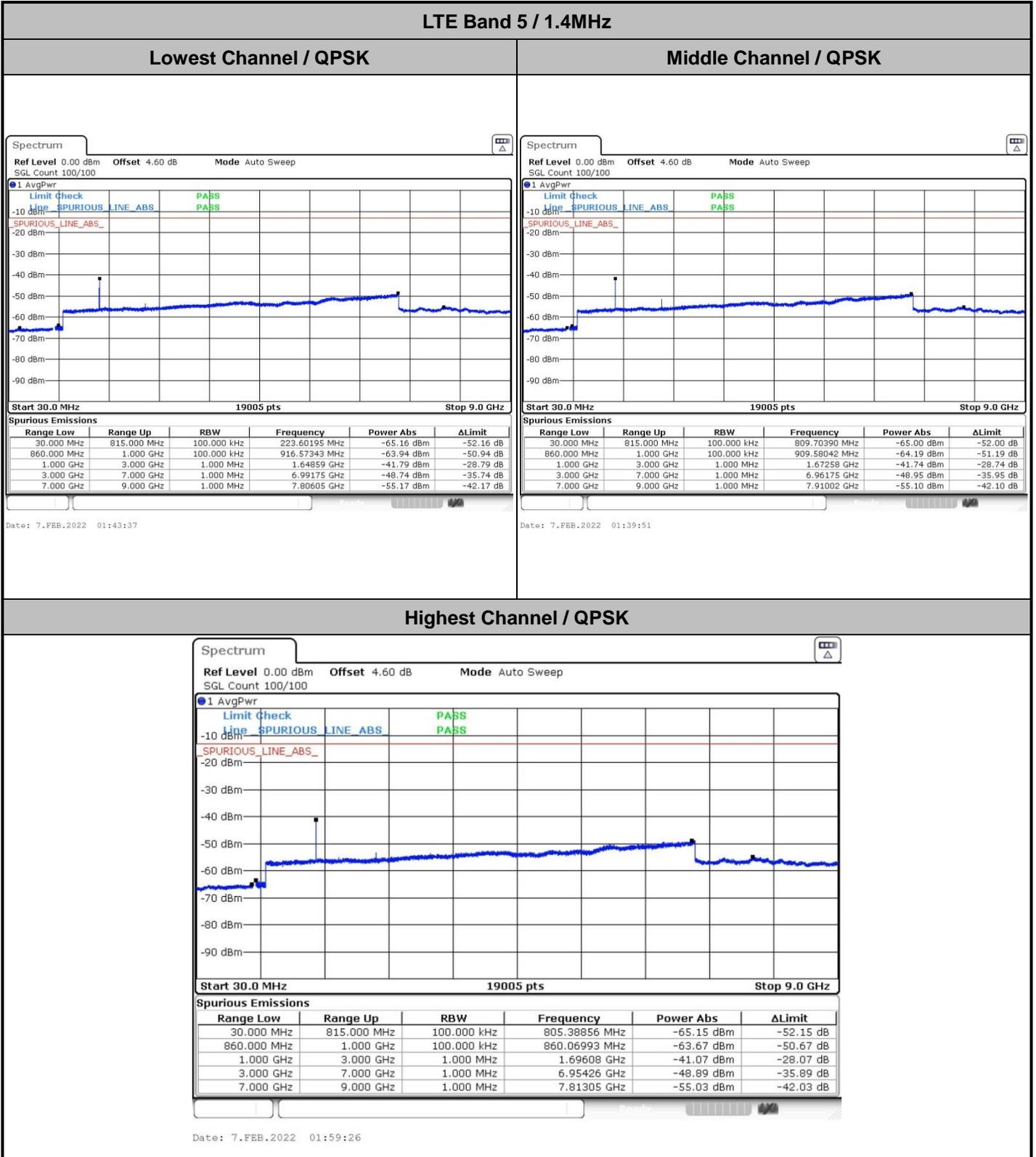
Highest Band Edge / Full RB



Date: 7.FEB.2022 04:20:43



Conducted Spurious Emission

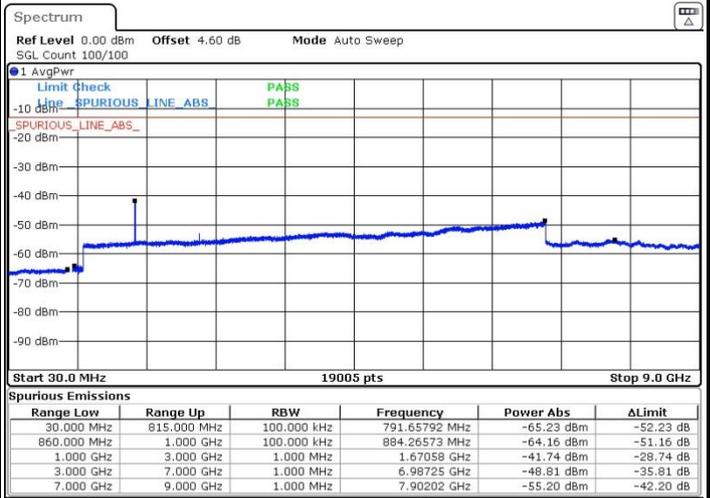
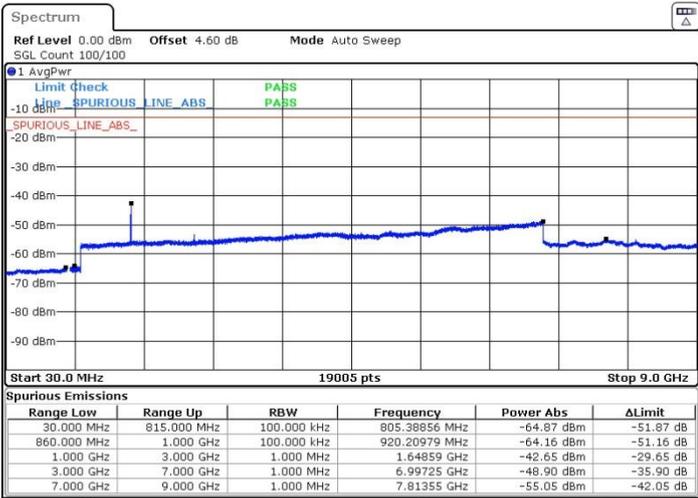




LTE Band 5 / 3MHz

Lowest Channel / QPSK

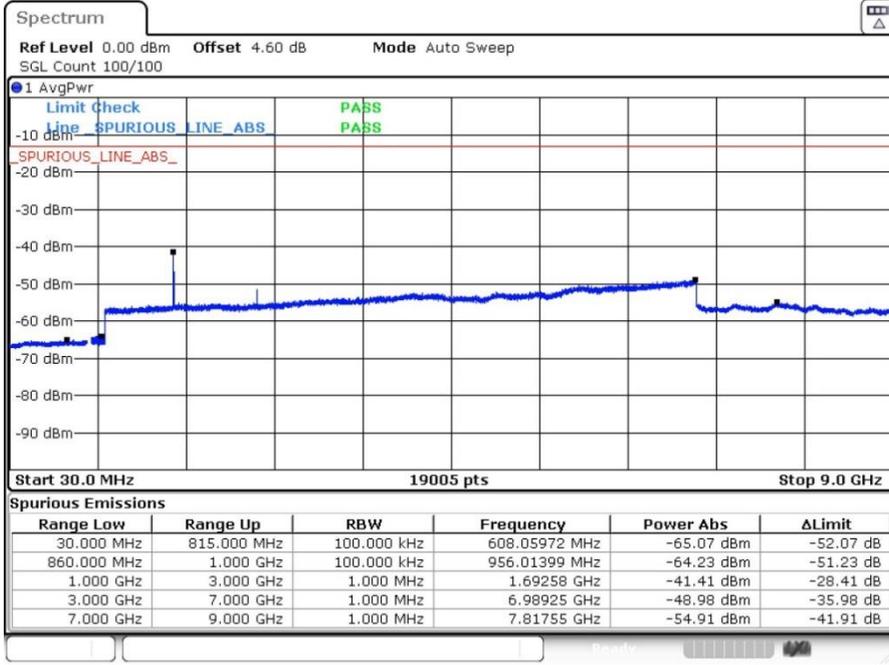
Middle Channel / QPSK



Date: 7.FEB.2022 02:28:25

Date: 7.FEB.2022 02:39:25

Highest Channel / QPSK



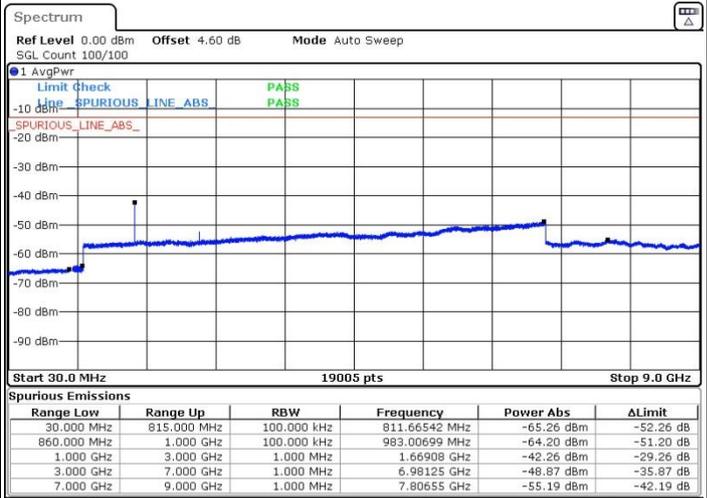
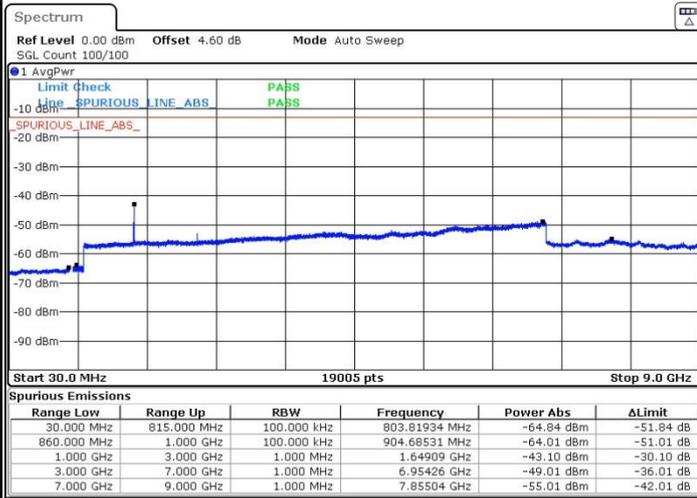
Date: 7.FEB.2022 03:07:40



LTE Band 5 / 5MHz

Lowest Channel / QPSK

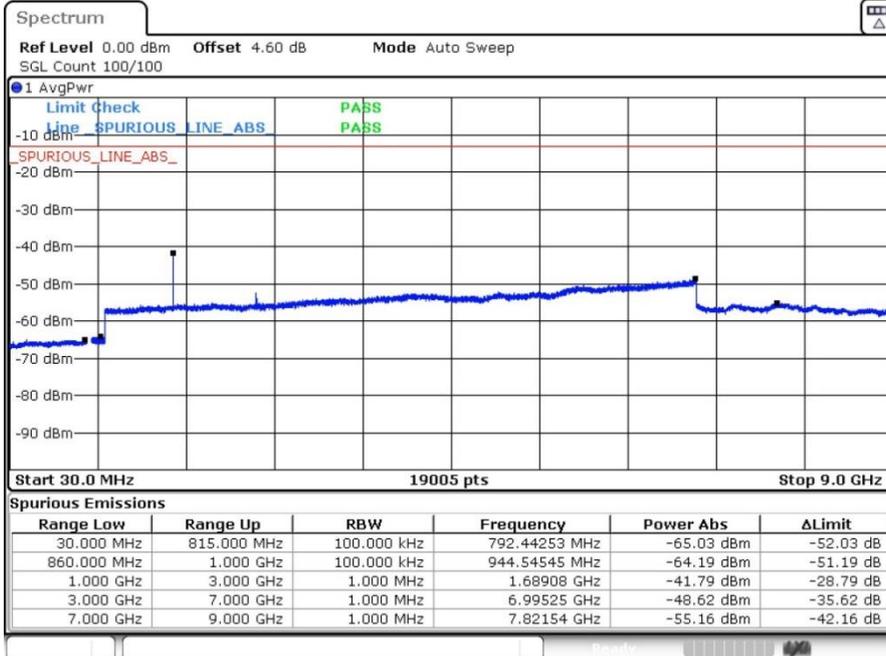
Middle Channel / QPSK



Date: 7.FEB.2022 03:19:07

Date: 7.FEB.2022 03:28:40

Highest Channel / QPSK

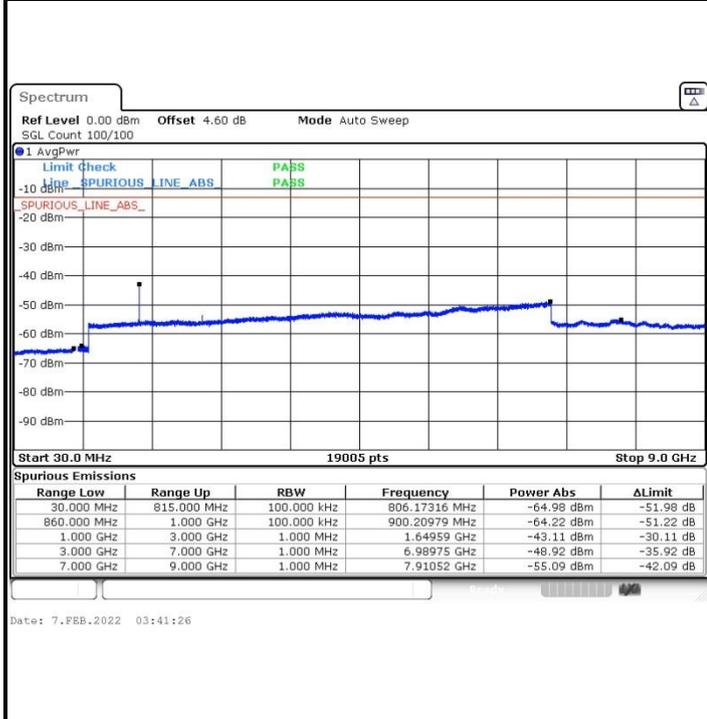


Date: 7.FEB.2022 03:32:04

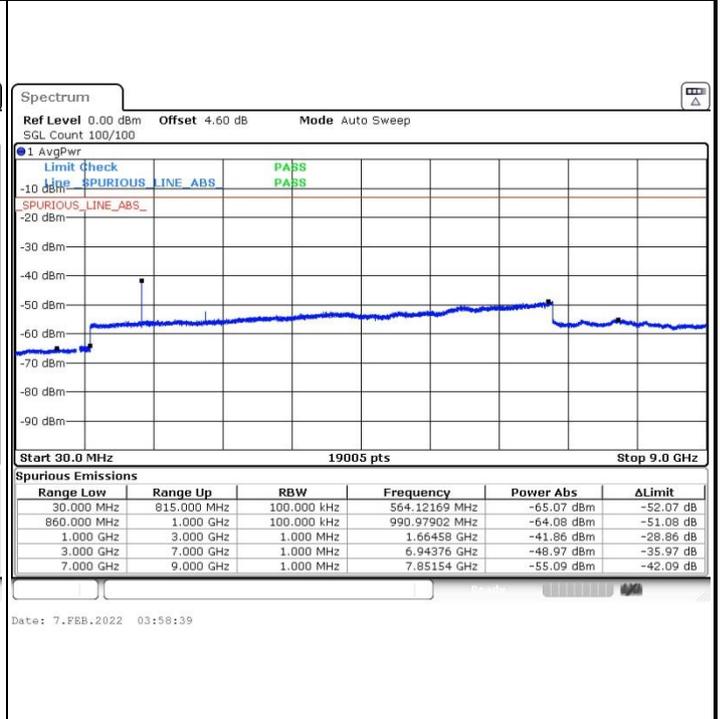


LTE Band 5 / 10MHz

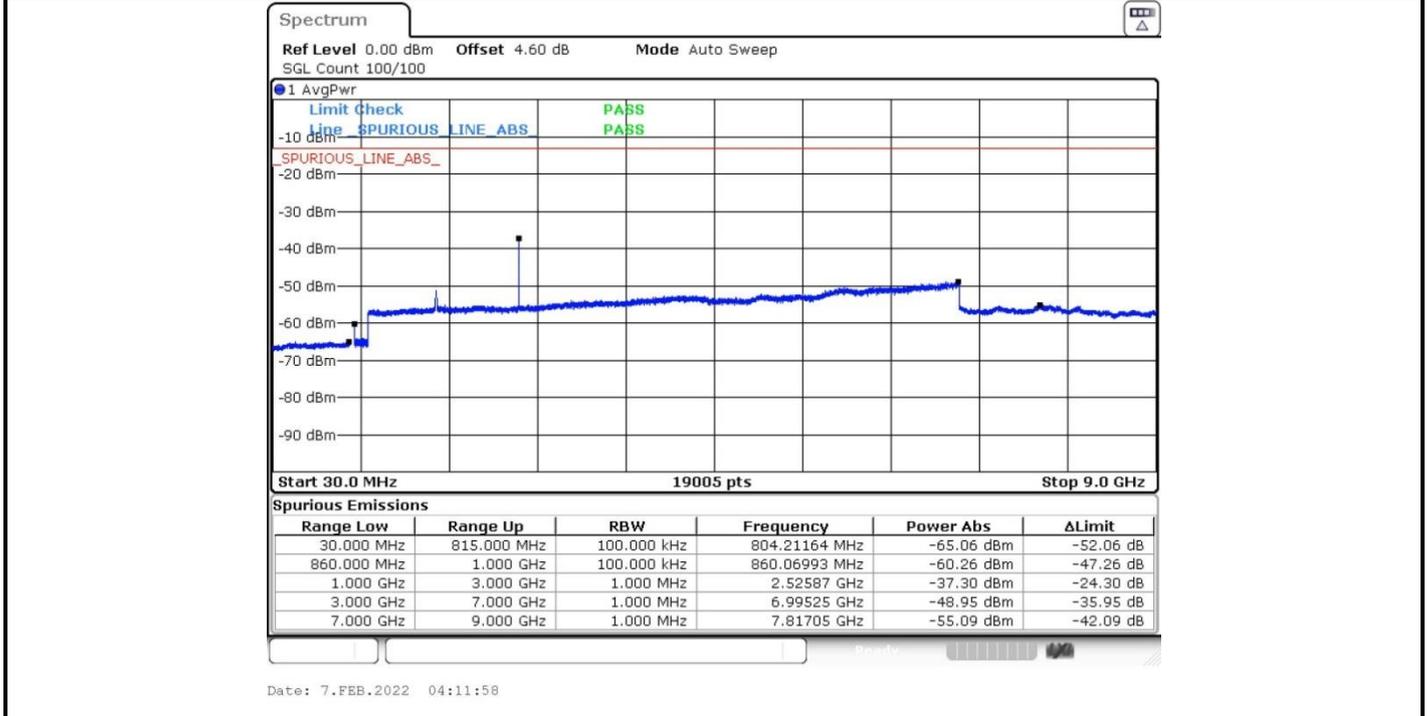
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0017	

Note:

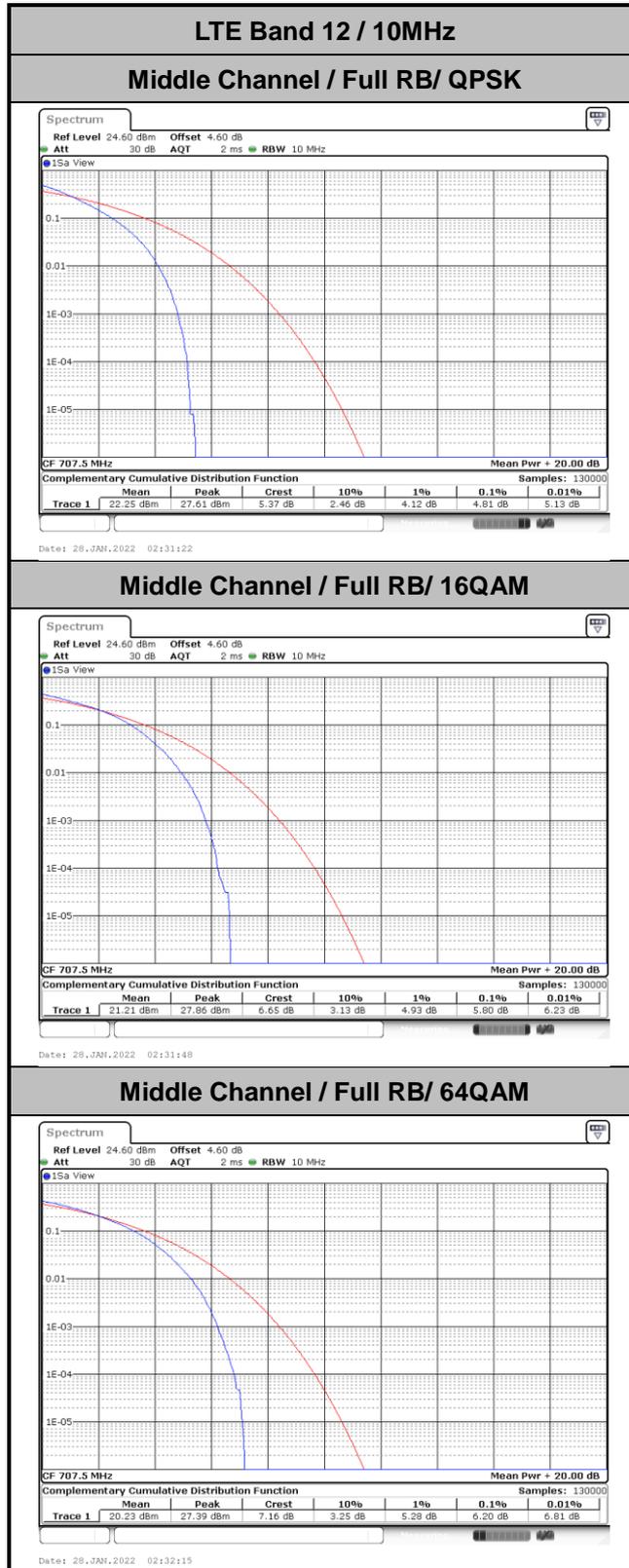
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 12

Peak-to-Average Ratio

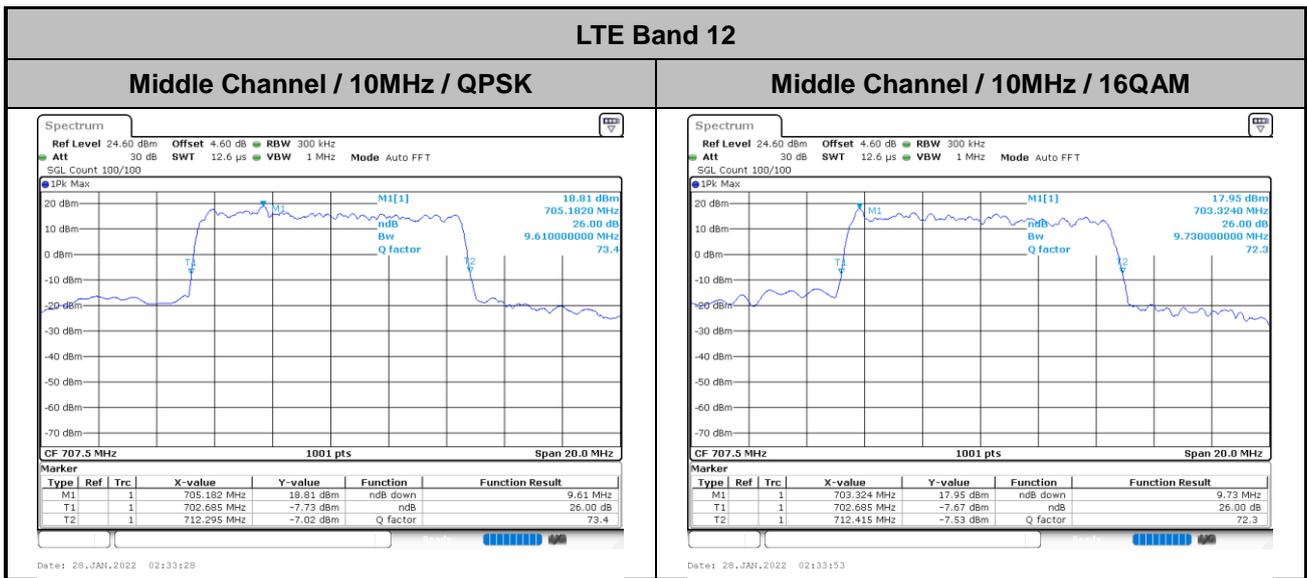
Mode	LTE Band 12 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.81	5.80	6.20	PASS





26dB Bandwidth

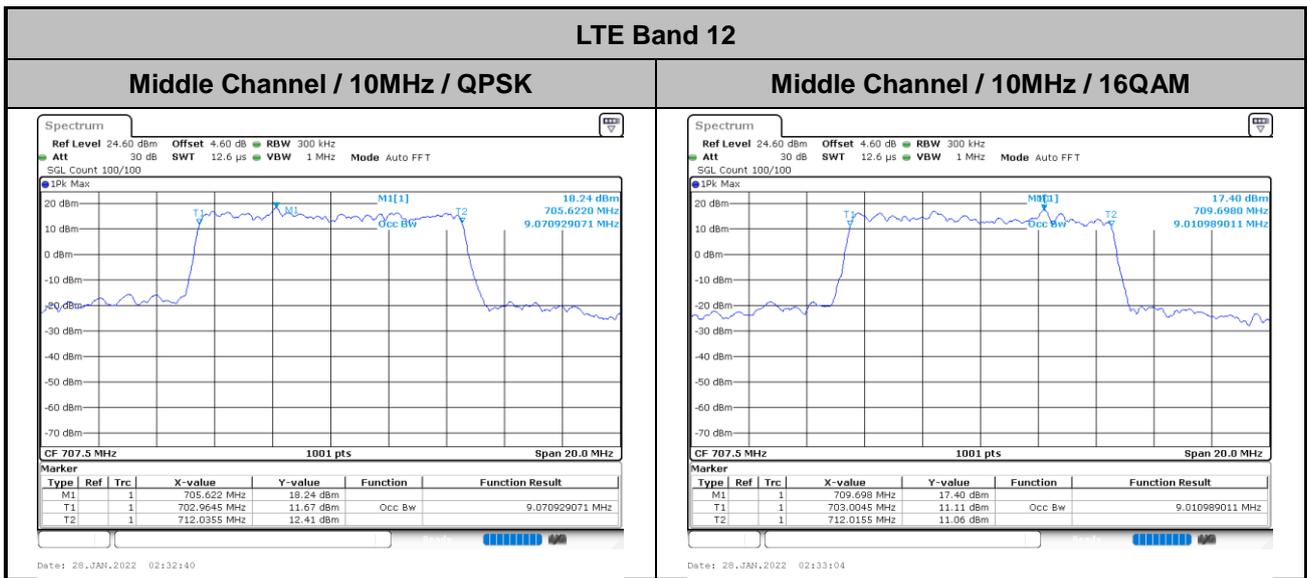
Mode	LTE Band 12 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.61	9.73





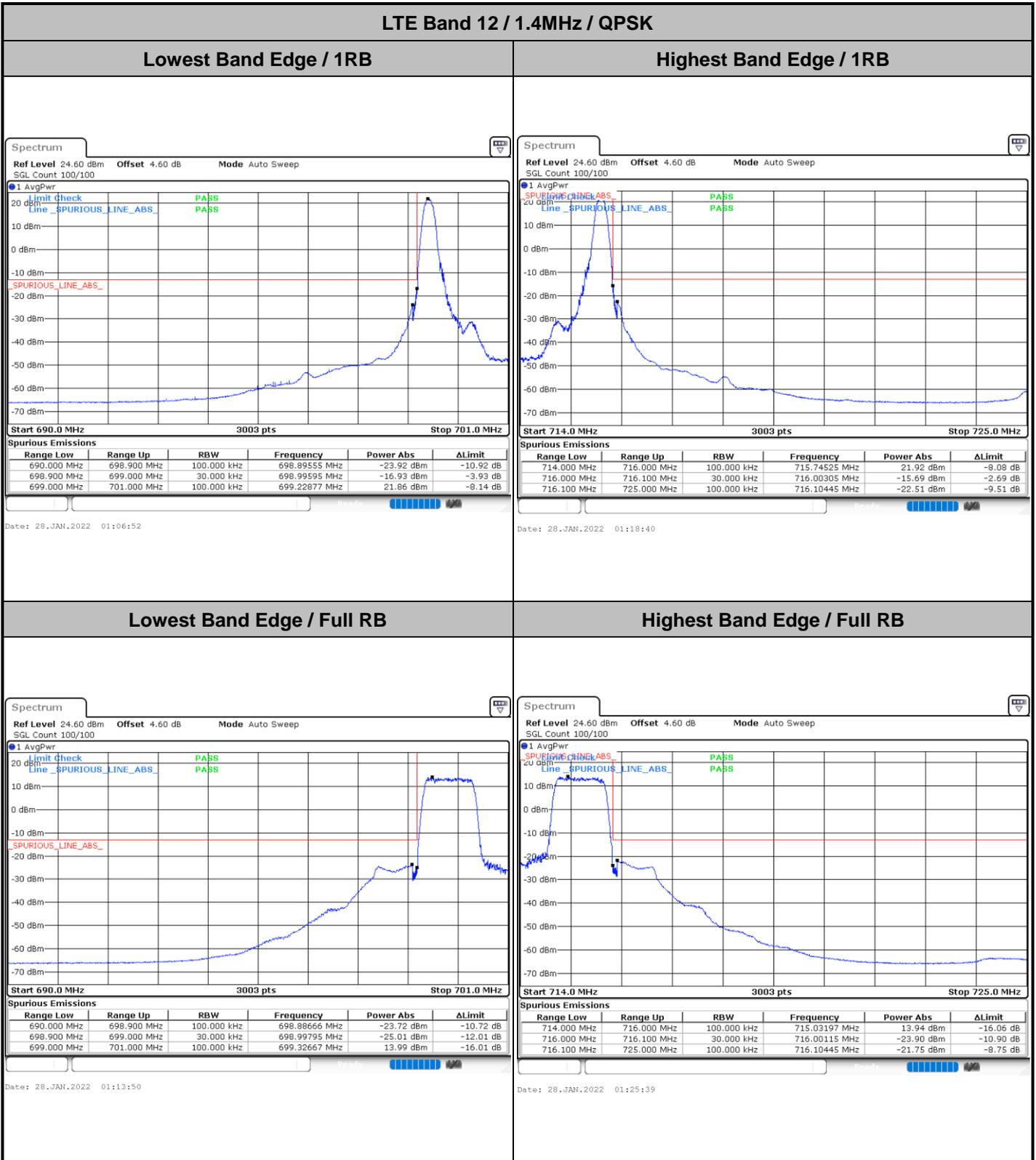
Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	9.01





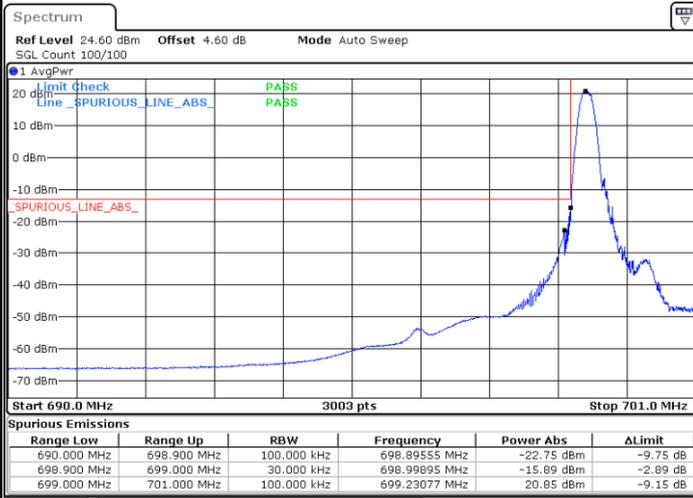
Conducted Band Edge





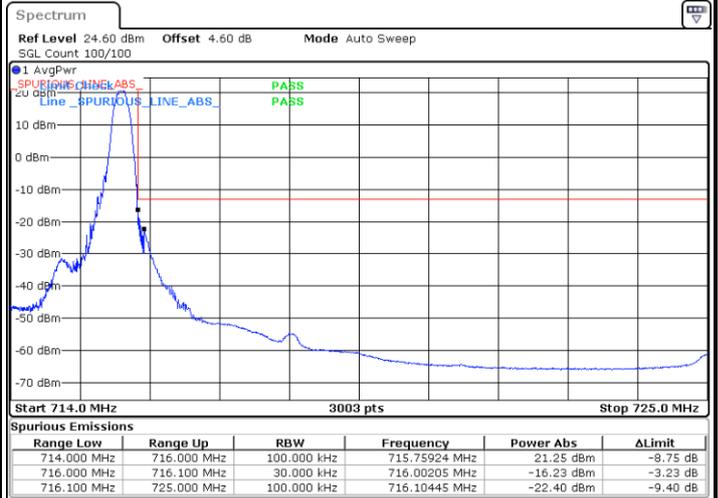
LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 28.JAN.2022 01:08:15

Highest Band Edge / 1 RB



Date: 28.JAN.2022 01:20:04

Lowest Band Edge / Full RB



Date: 28.JAN.2022 01:12:26

Highest Band Edge / Full RB

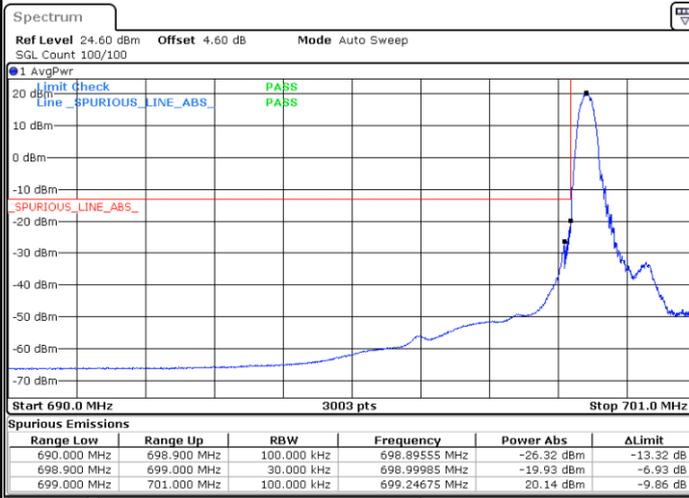


Date: 28.JAN.2022 01:24:15



LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



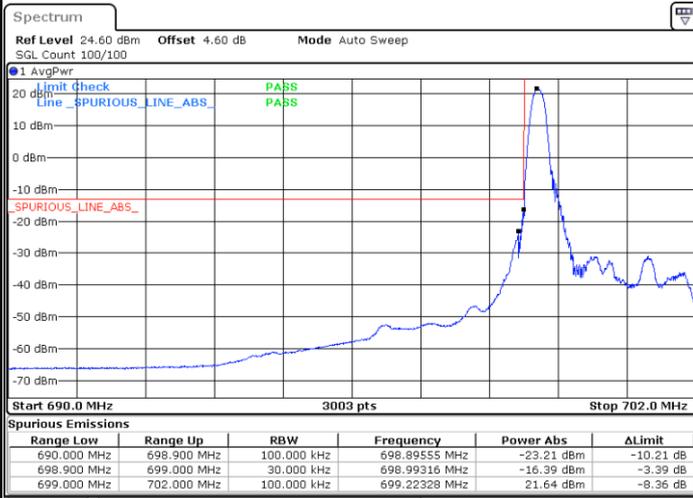
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 28.JAN.2022 01:28:37

Highest Band Edge / 1 RB



Date: 28.JAN.2022 01:40:26

Lowest Band Edge / Full RB



Date: 28.JAN.2022 01:35:36

Highest Band Edge / Full RB



Date: 28.JAN.2022 01:47:25



LTE Band 12 / 3MHz / 16QAM

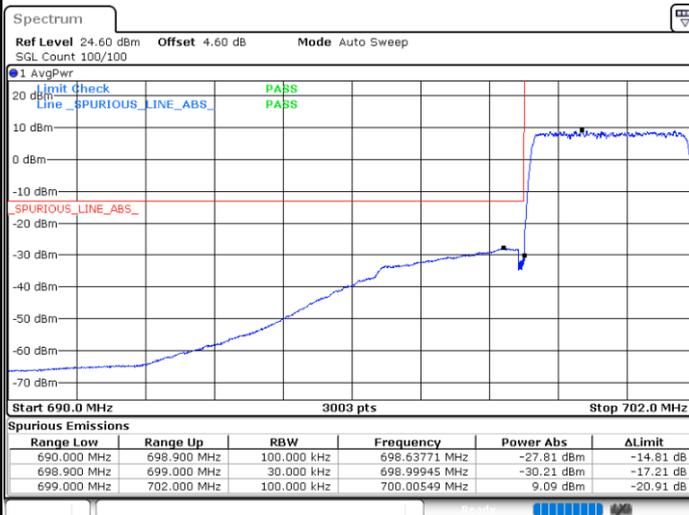
Lowest Band Edge / 1 RB



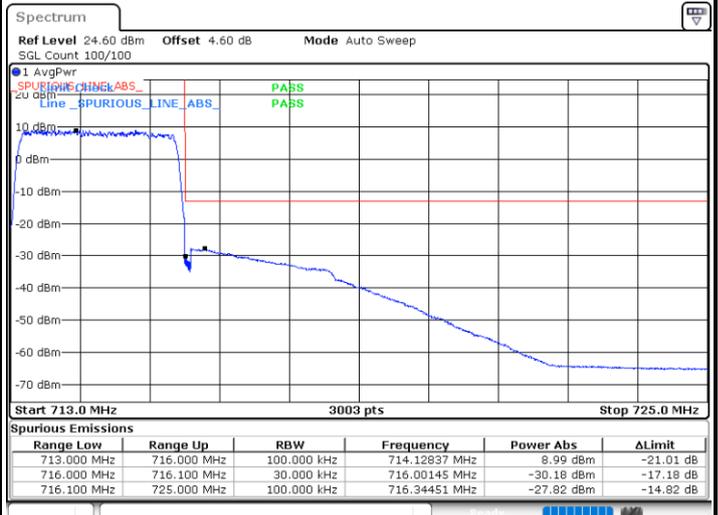
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



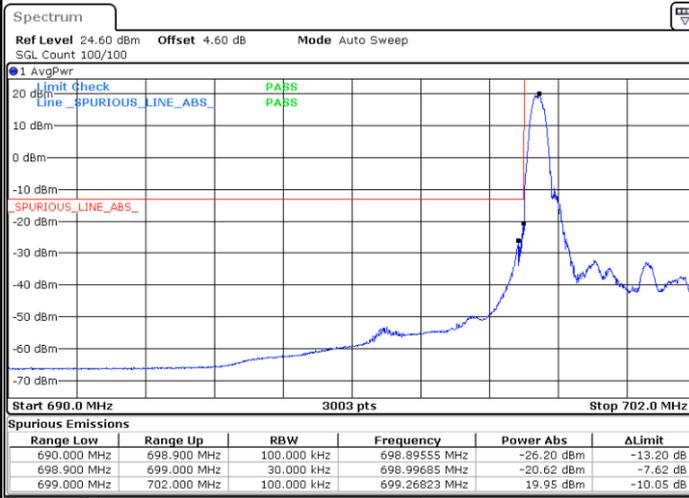
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



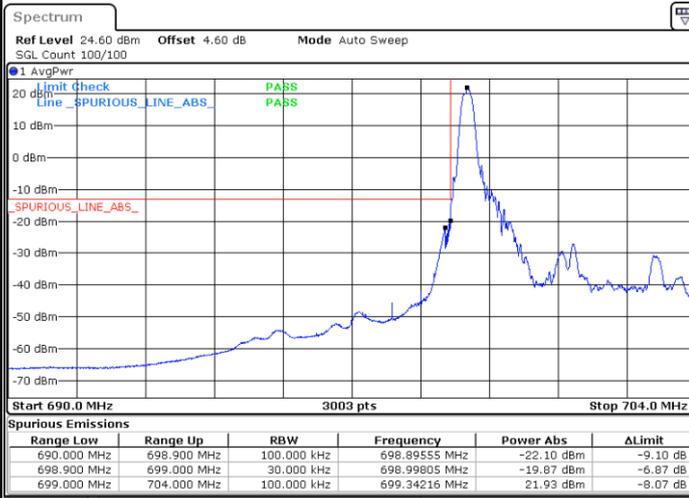
Highest Band Edge / Full RB





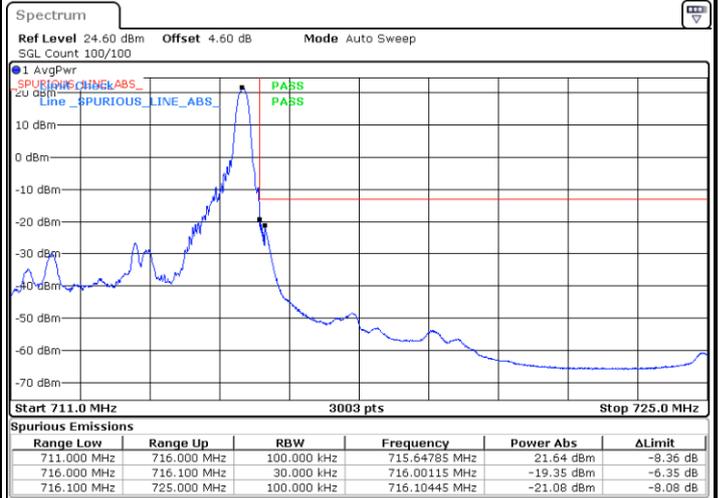
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 28.JAN.2022 01:50:23

Highest Band Edge / 1 RB



Date: 28.JAN.2022 02:02:12

Lowest Band Edge / Full RB



Date: 28.JAN.2022 01:57:22

Highest Band Edge / Full RB

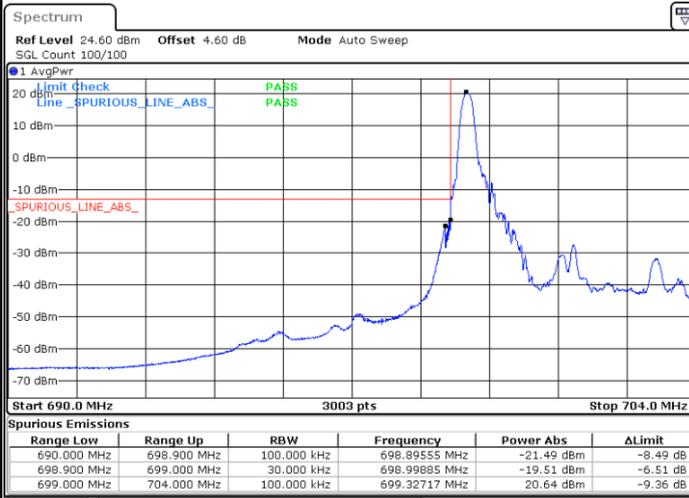


Date: 28.JAN.2022 02:09:10



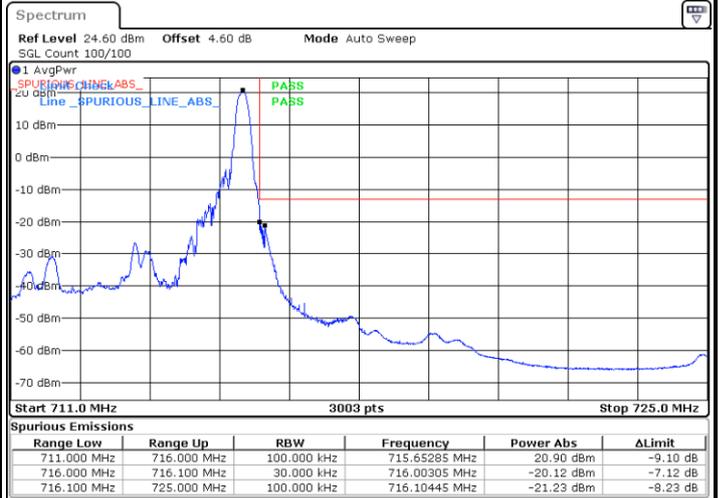
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



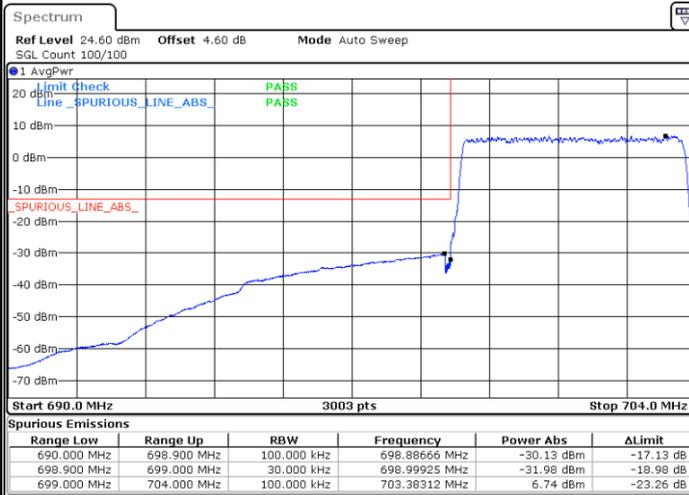
Date: 28.JAN.2022 01:51:46

Highest Band Edge / 1 RB



Date: 28.JAN.2022 02:03:36

Lowest Band Edge / Full RB



Date: 28.JAN.2022 01:55:58

Highest Band Edge / Full RB

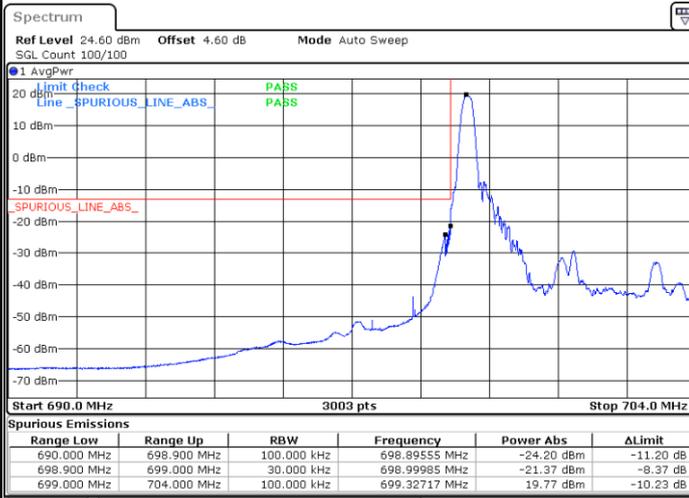


Date: 28.JAN.2022 02:07:47



LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB



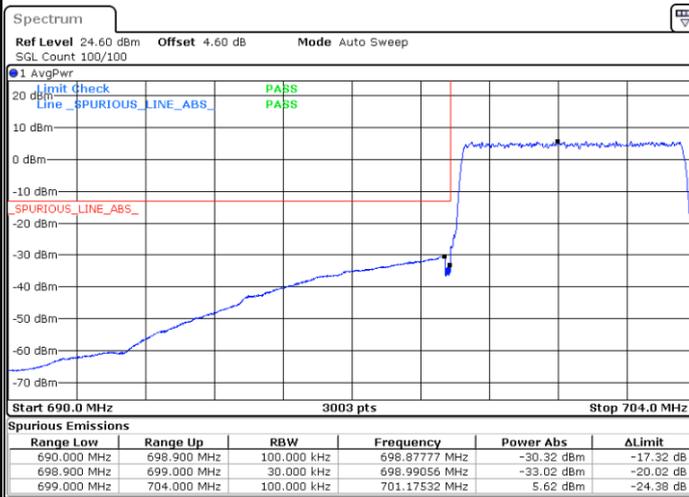
Date: 28.JAN.2022 01:53:10

Highest Band Edge / 1 RB



Date: 28.JAN.2022 02:04:59

Lowest Band Edge / Full RB



Date: 28.JAN.2022 01:54:34

Highest Band Edge / Full RB



Date: 28.JAN.2022 02:06:23