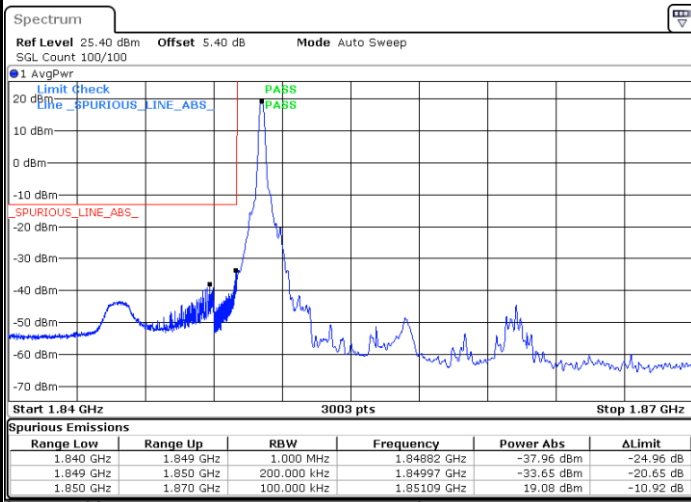




LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



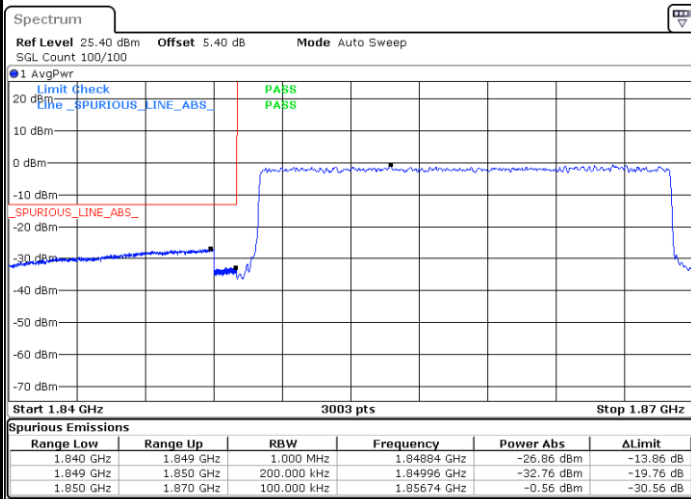
Date: 6 SEP. 2021 12:13:55

Highest Band Edge / 1 RB



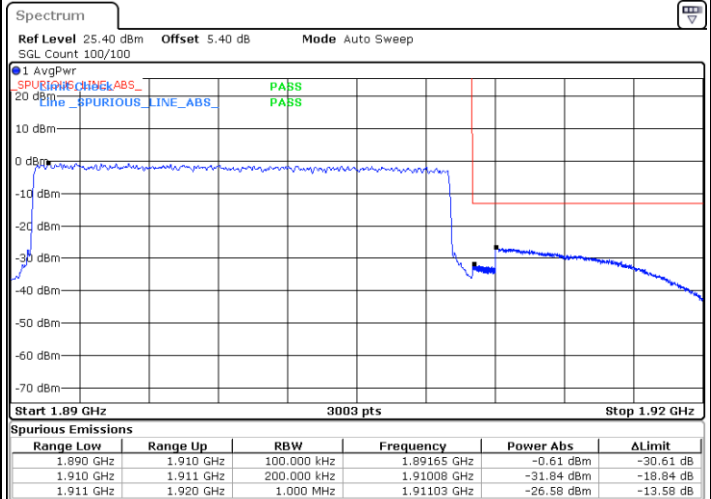
Date: 6 SEP. 2021 12:19:18

Lowest Band Edge / Full RB



Date: 6 SEP. 2021 12:16:37

Highest Band Edge / Full RB

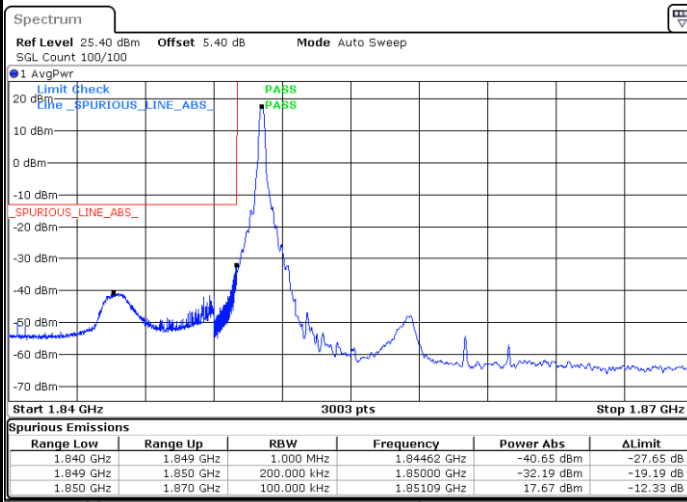


Date: 6 SEP. 2021 12:21:59



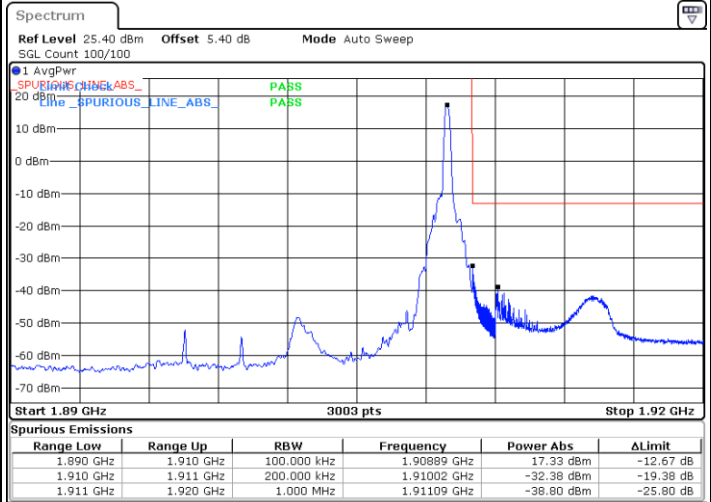
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



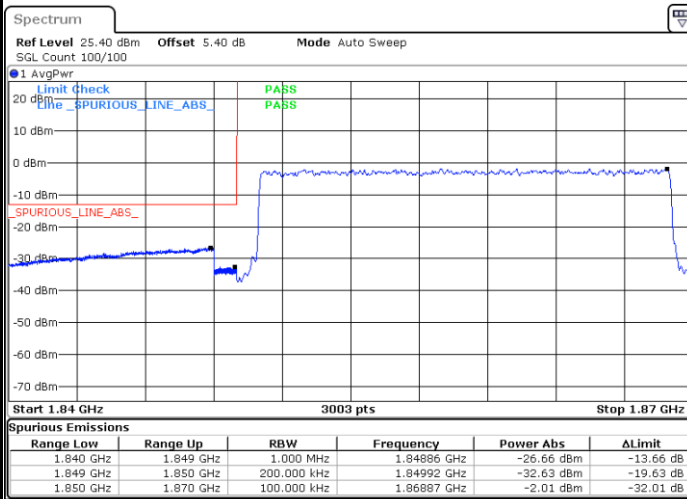
Date: 6 SEP. 2021 12:50:15

Highest Band Edge / 1 RB



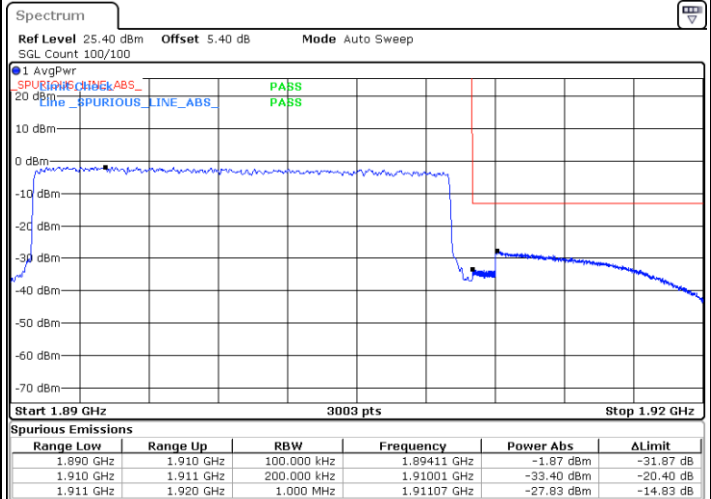
Date: 6 SEP. 2021 12:54:17

Lowest Band Edge / Full RB



Date: 6 SEP. 2021 12:51:36

Highest Band Edge / Full RB

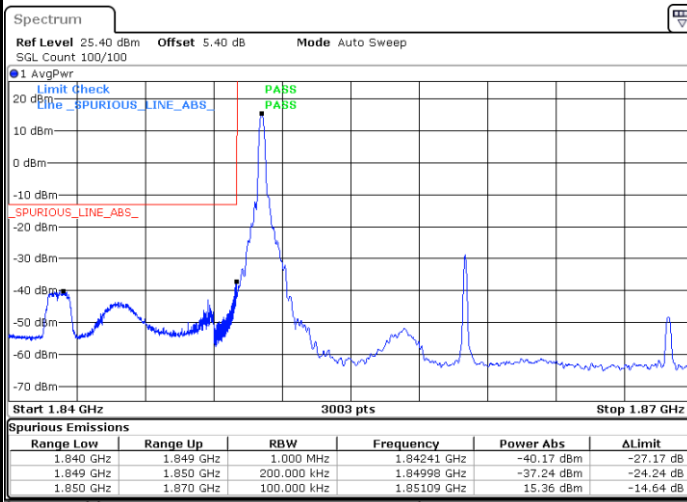


Date: 6 SEP. 2021 12:52:57



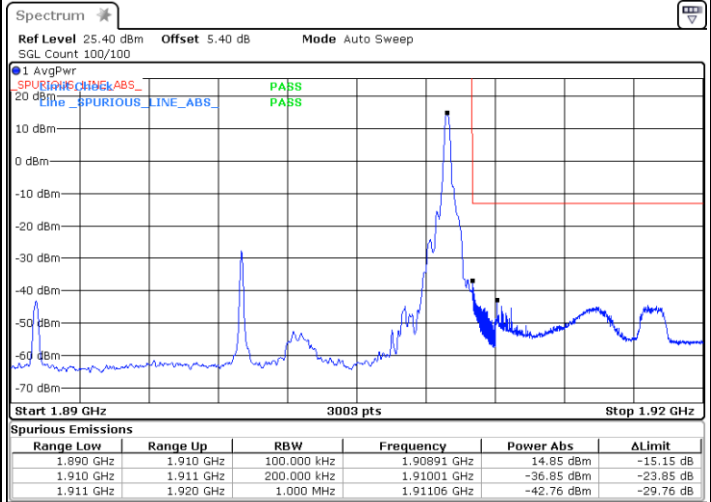
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



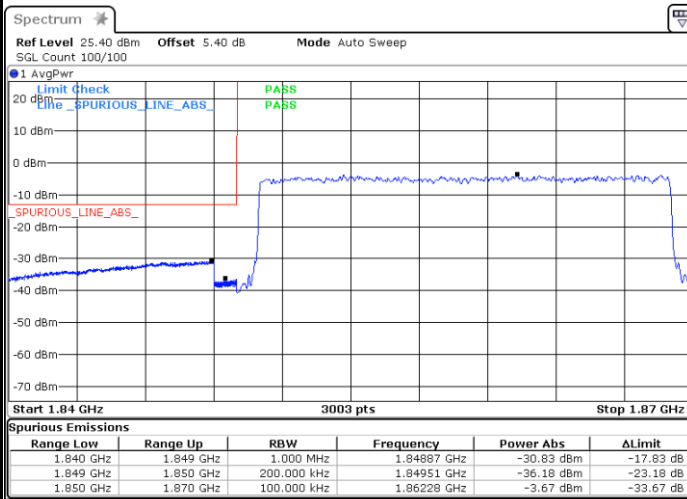
Date: 6 SEP. 2021 14:43:58

Highest Band Edge / 1 RB



Date: 6 SEP. 2021 14:50:27

Lowest Band Edge / Full RB



Date: 6 SEP. 2021 14:51:40

Highest Band Edge / Full RB



Date: 6 SEP. 2021 14:48:00



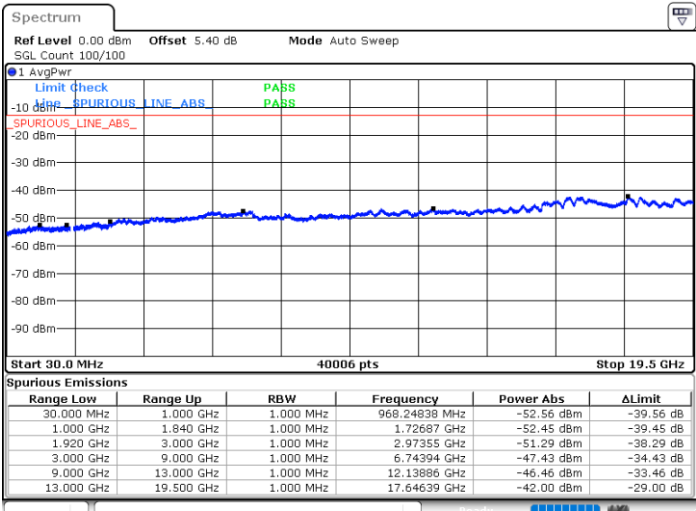
Conducted Spurious Emission



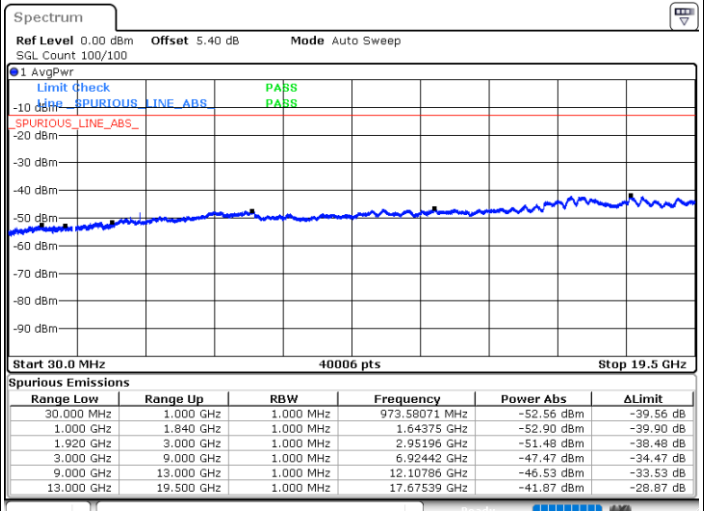
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK

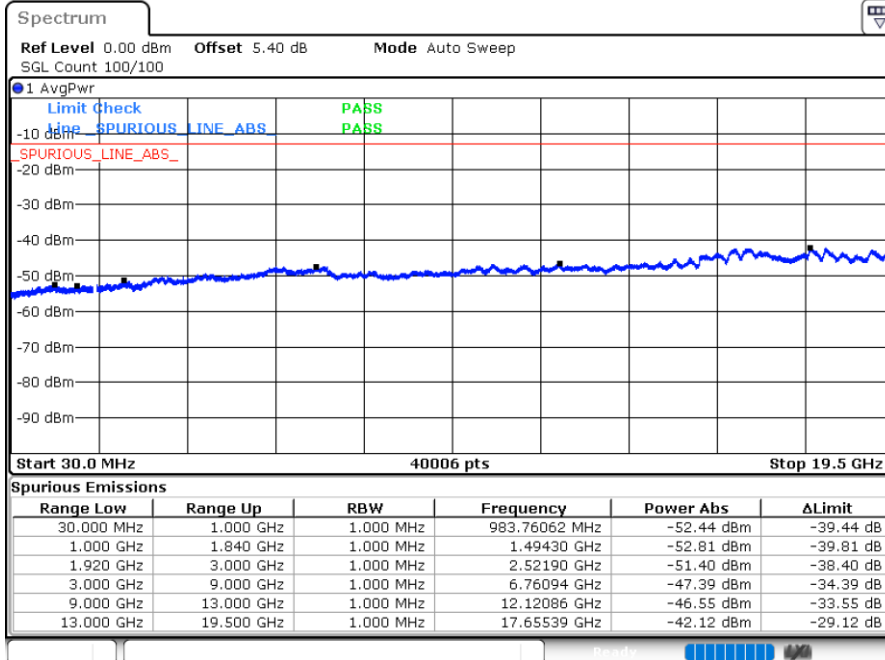


Date: 27.AUG.2021 12:16:29



Date: 27.AUG.2021 12:21:06

Highest Channel / QPSK

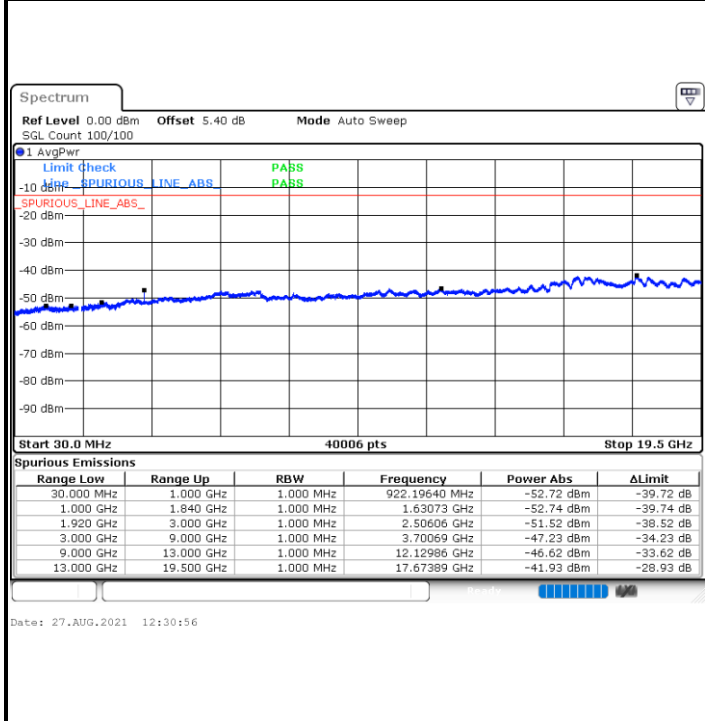


Date: 27.AUG.2021 12:25:53

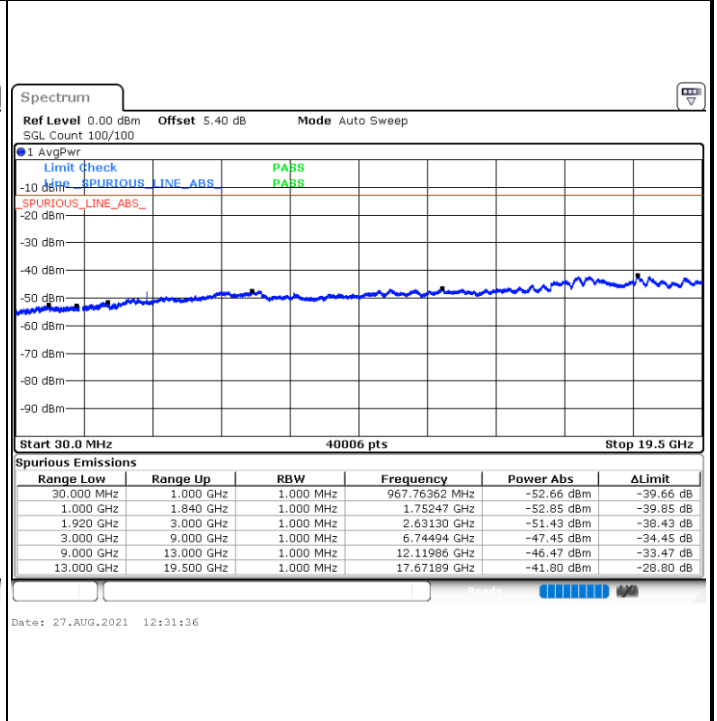


LTE Band 2 / 3MHz

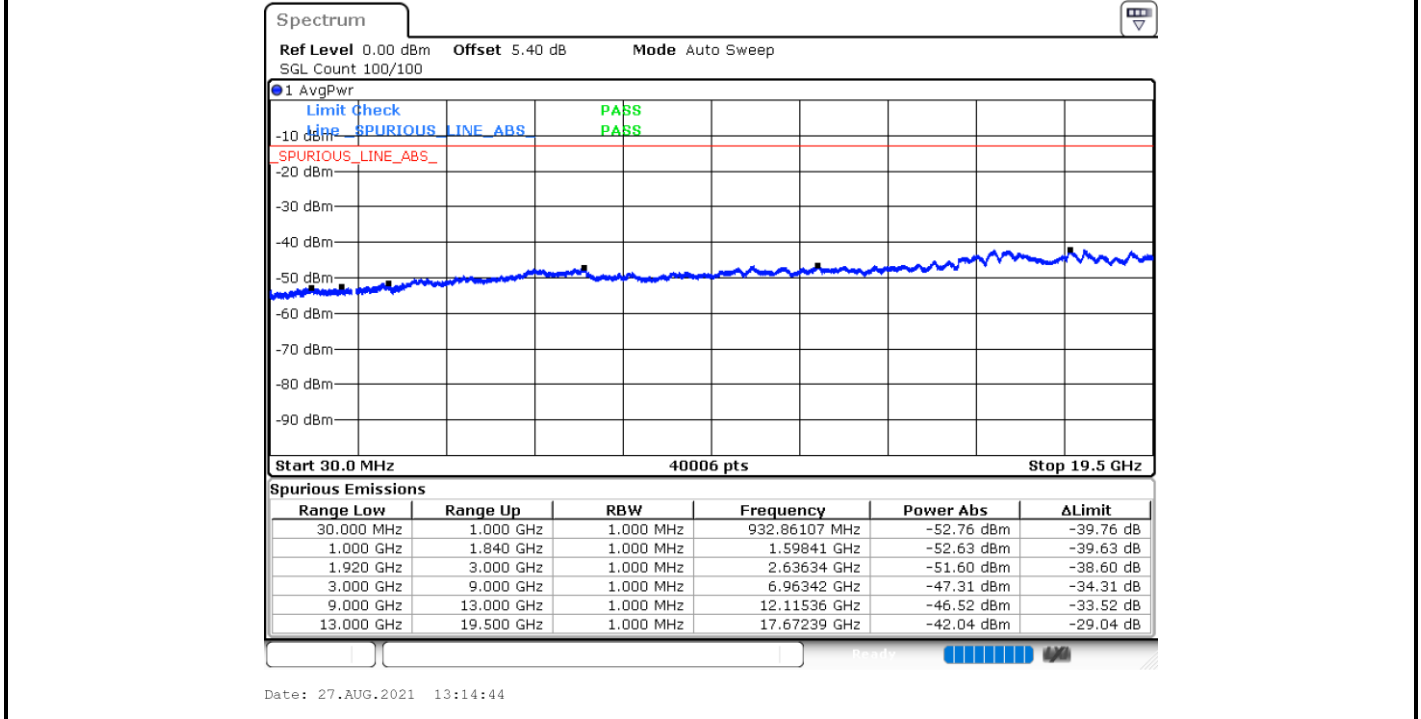
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

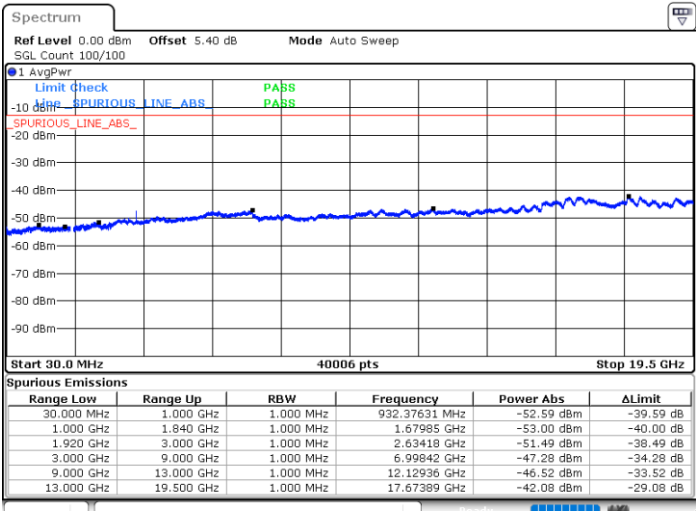




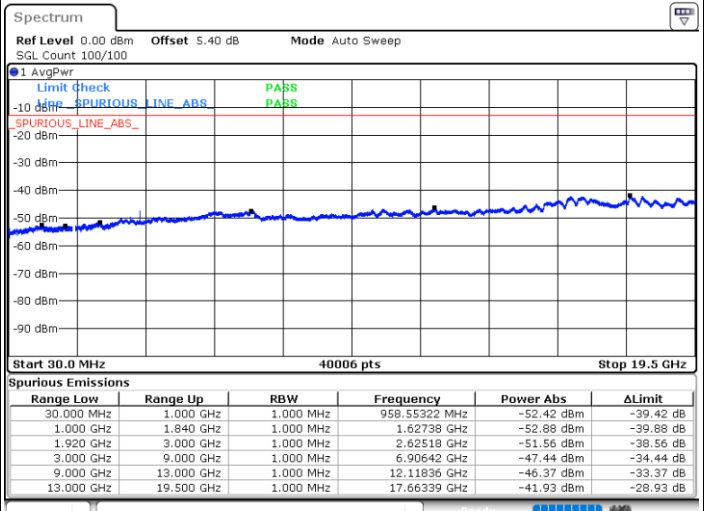
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

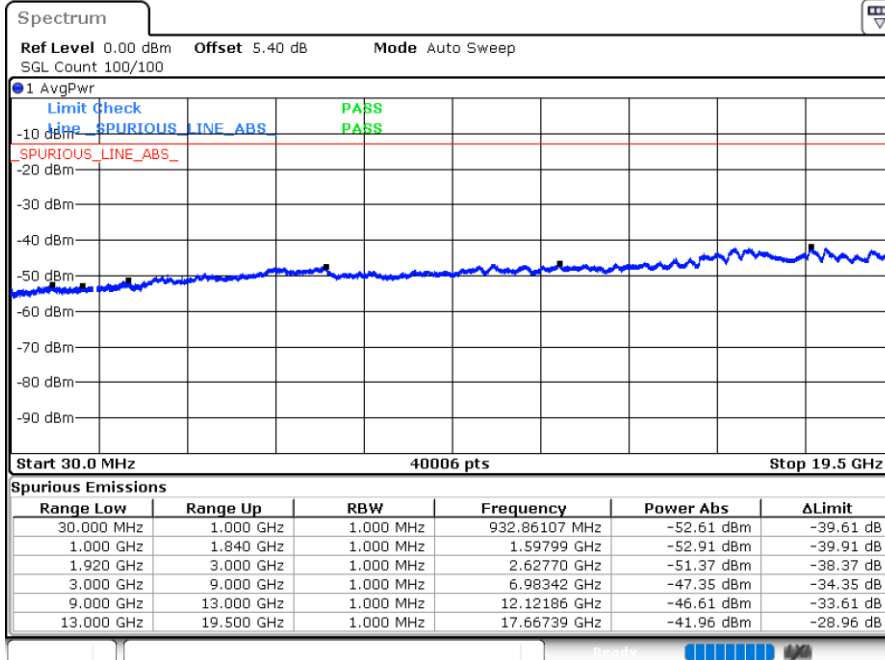


Date: 27.AUG.2021 13:19:38



Date: 27.AUG.2021 13:20:17

Highest Channel / QPSK



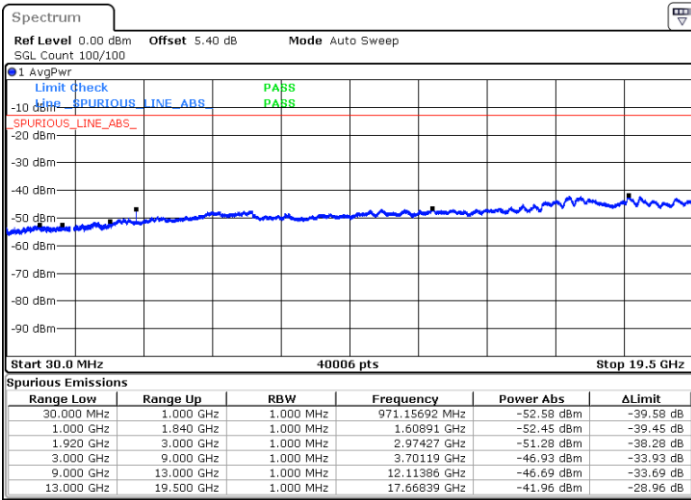
Date: 27.AUG.2021 13:24:52



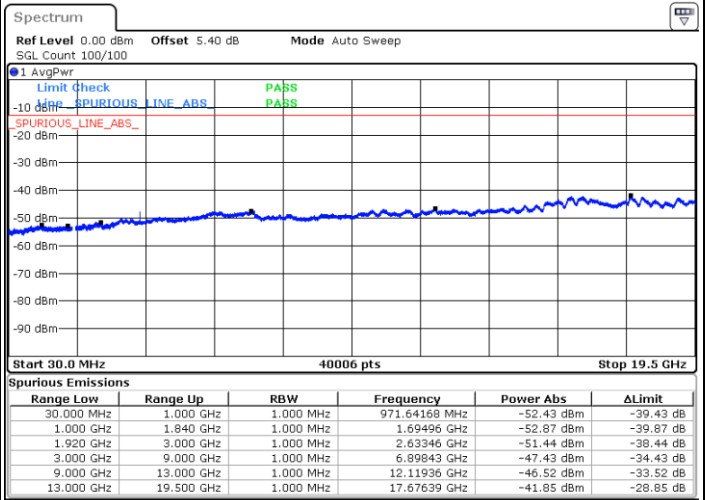
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

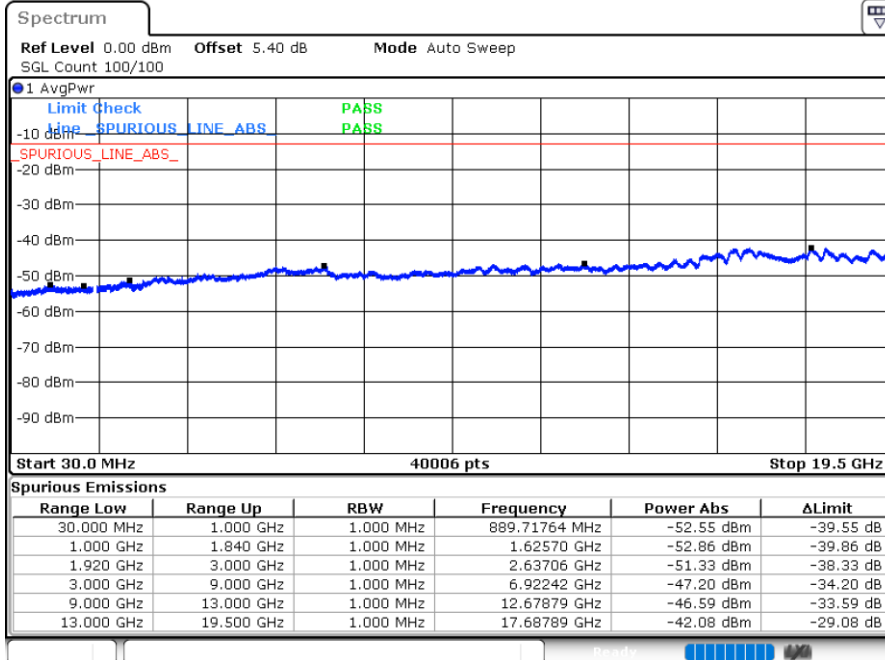


Date: 27.AUG.2021 13:29:59



Date: 27.AUG.2021 13:30:38

Highest Channel / QPSK



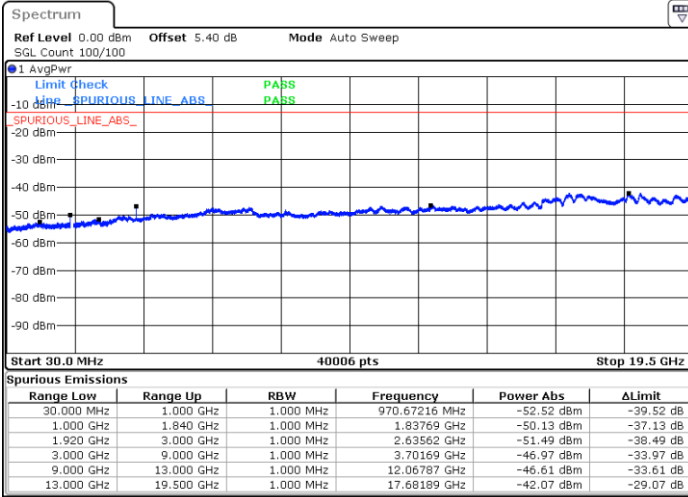
Date: 27.AUG.2021 13:35:13



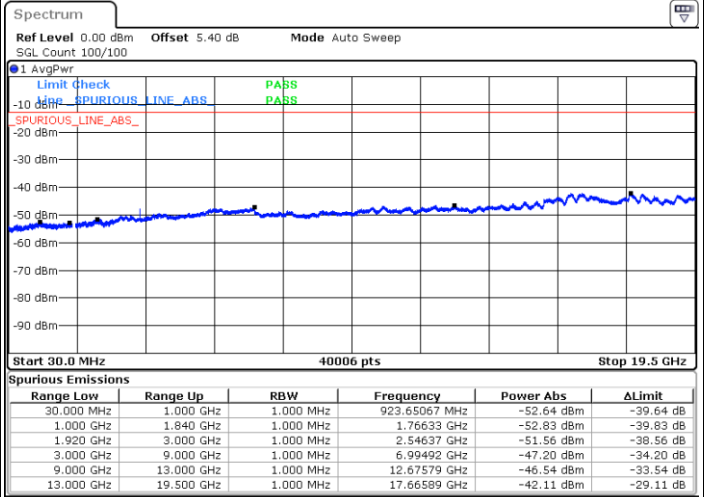
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

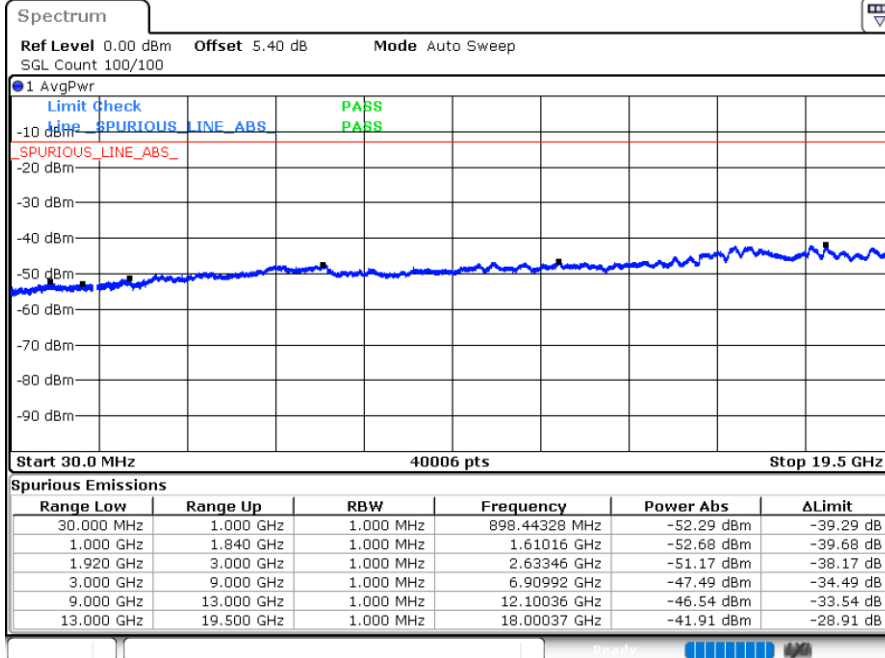


Date: 27.AUG.2021 13:41:31



Date: 27.AUG.2021 13:42:11

Highest Channel / QPSK



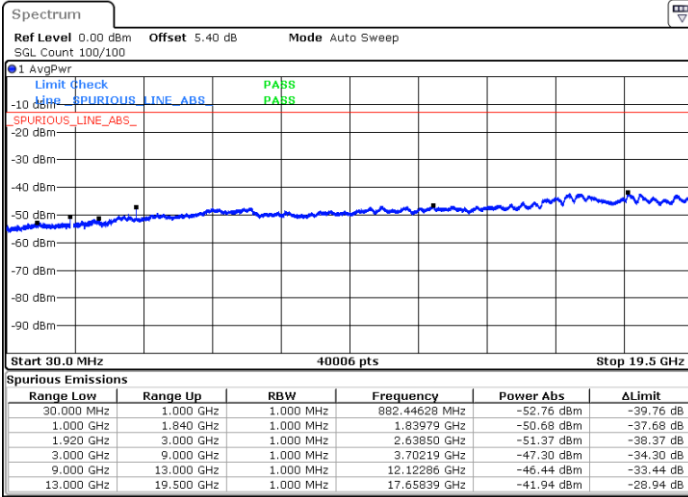
Date: 27.AUG.2021 13:46:45



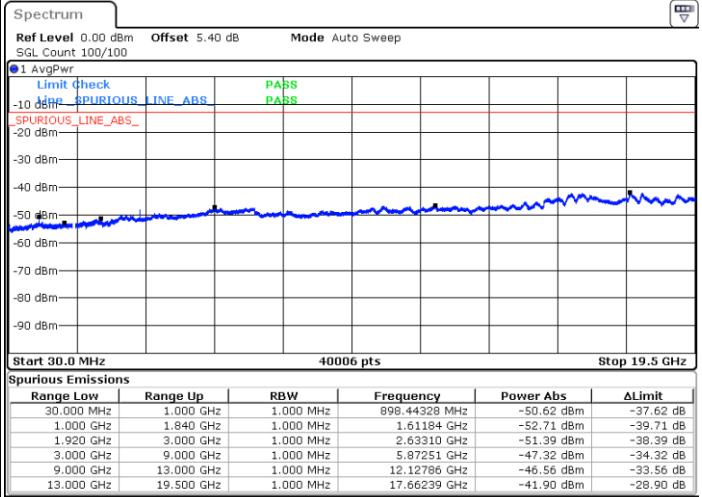
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

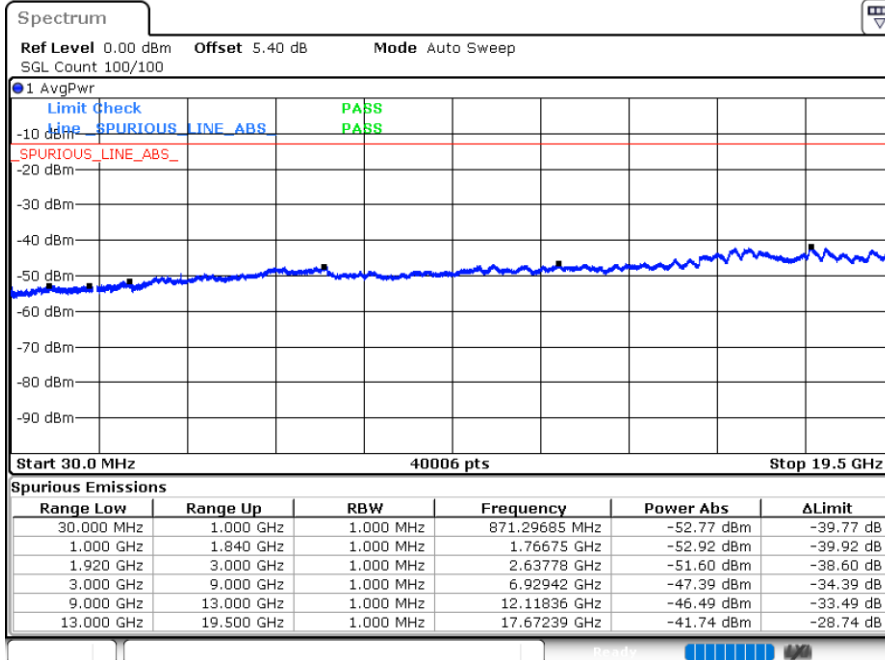


Date: 27.AUG.2021 13:51:39



Date: 27.AUG.2021 13:53:02

Highest Channel / QPSK



Date: 27.AUG.2021 13:57:36



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	0.0008	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0009	

Note:

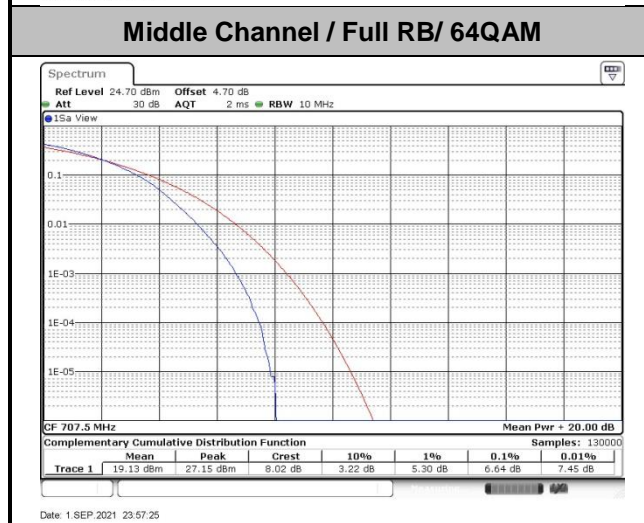
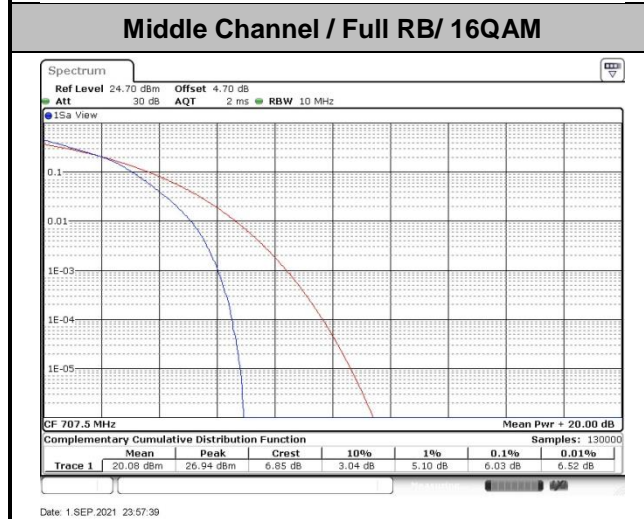
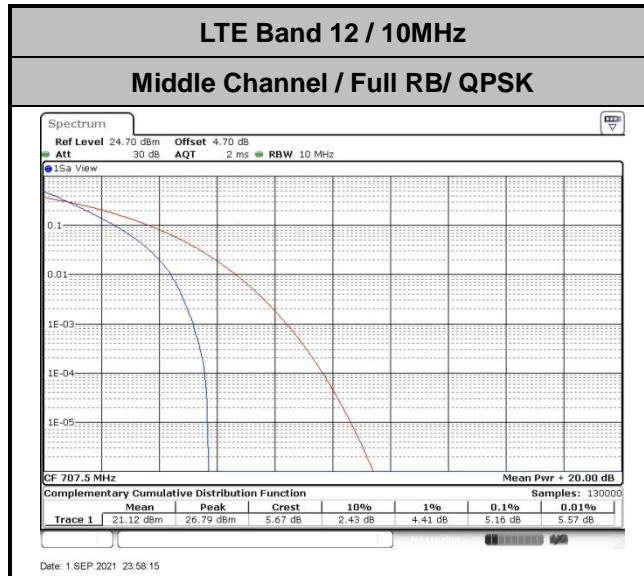
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

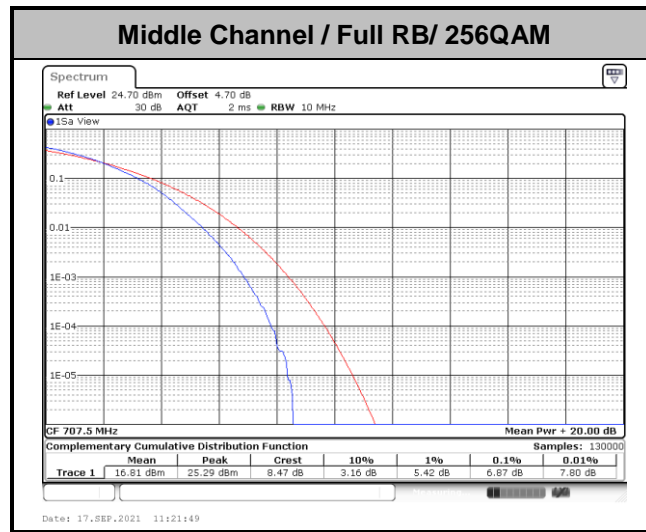


LTE Band 12

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	5.16	6.03	6.64	6.87	PASS

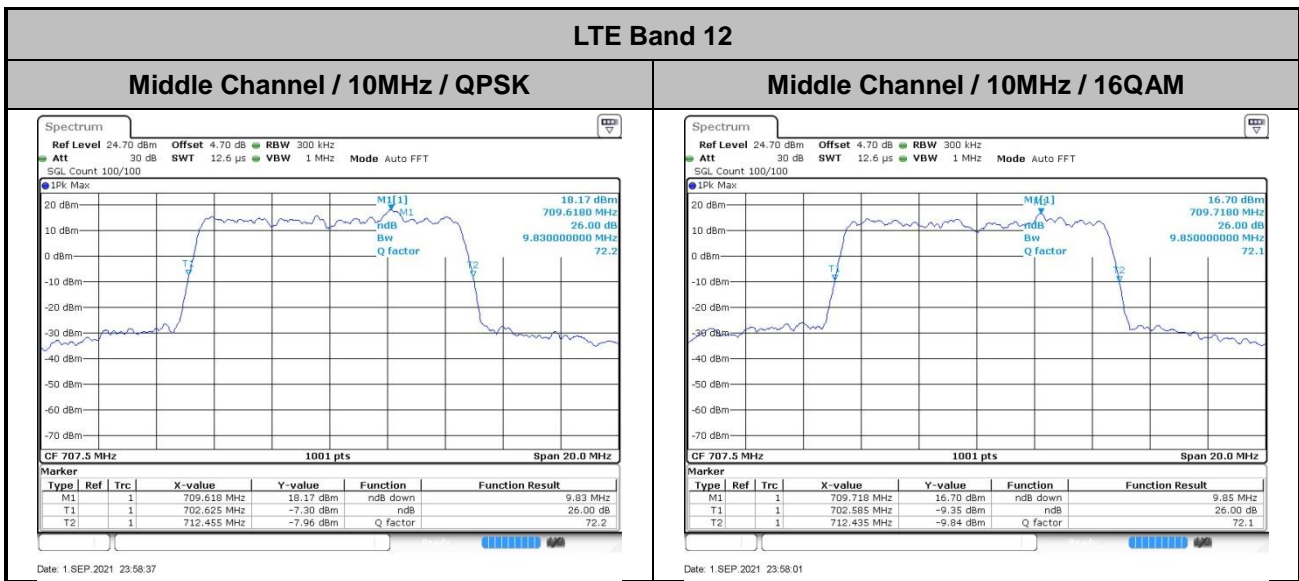






26dB Bandwidth

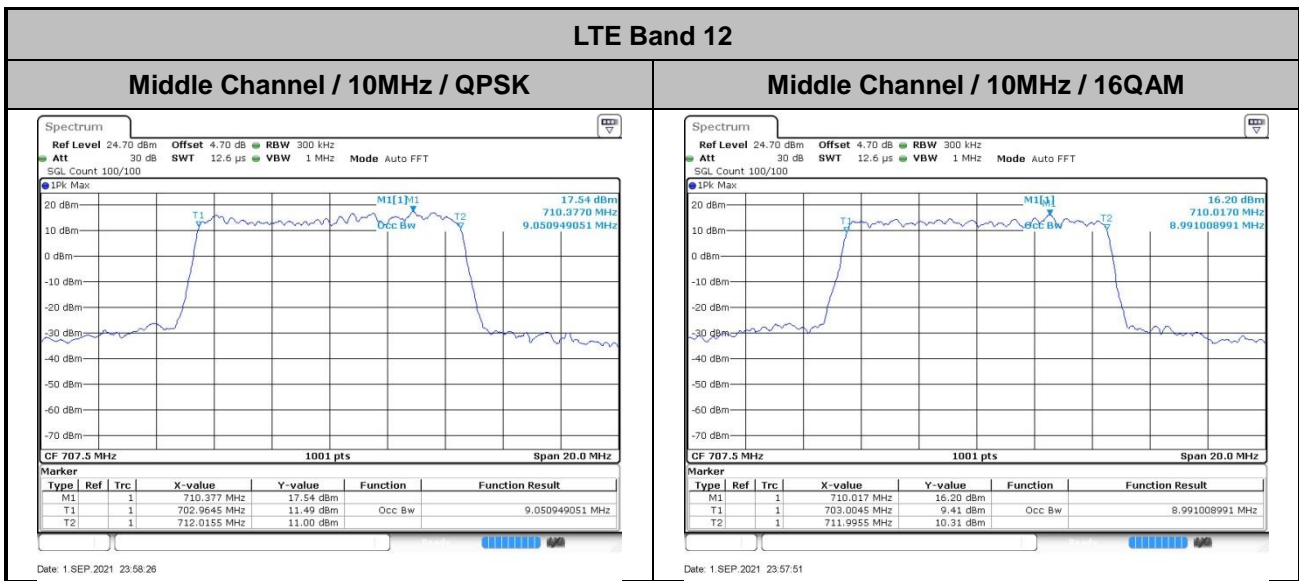
Mode	LTE Band 12 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.83	9.85





Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	8.99





Conducted Band Edge



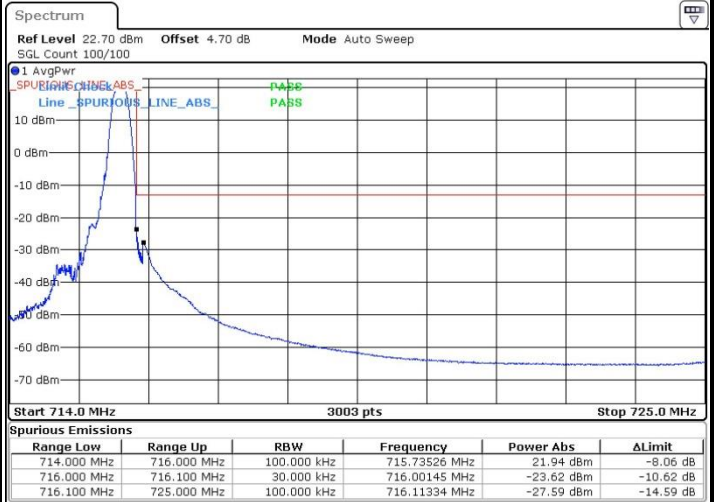
LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



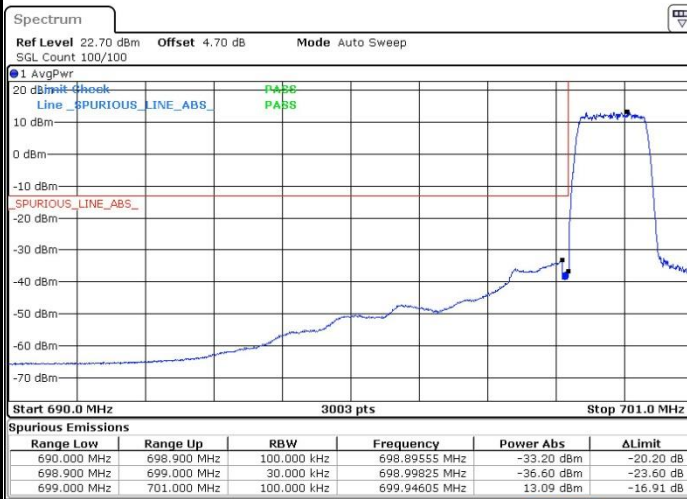
Date: 1 SEP.2021 22:56:26

Highest Band Edge / 1RB



Date: 1 SEP.2021 23:02:06

Lowest Band Edge / Full RB



Date: 1 SEP.2021 22:57:34

Highest Band Edge / Full RB

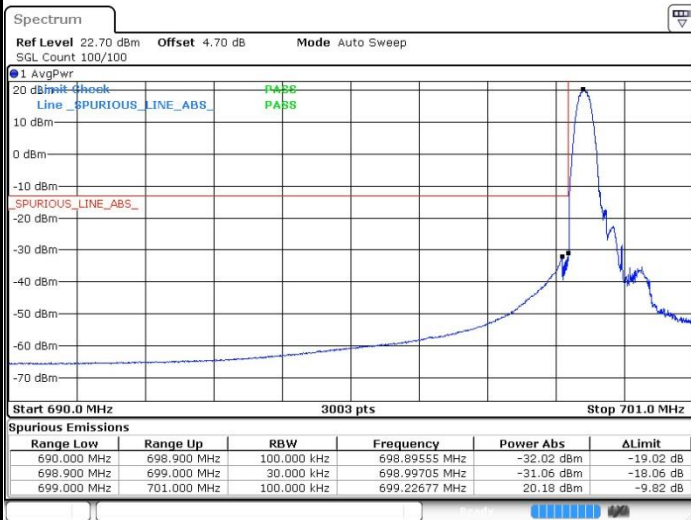


Date: 1 SEP.2021 23:00:58



LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



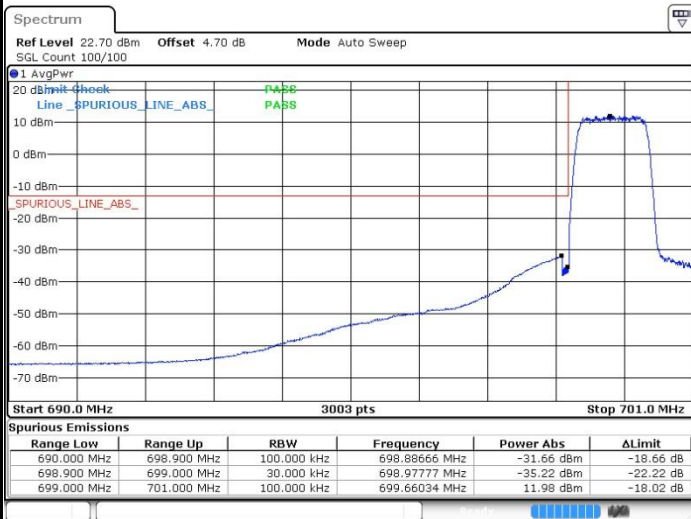
Date: 1 SEP. 2021 22:55:19

Highest Band Edge / 1 RB



Date: 1 SEP. 2021 23:03:14

Lowest Band Edge / Full RB



Date: 1 SEP. 2021 22:58:42

Highest Band Edge / Full RB



Date: 1 SEP. 2021 22:59:50



LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 1 SEP.2021 23:40:21

Highest Band Edge / 1 RB



Date: 1 SEP.2021 23:38:05

Lowest Band Edge / Full RB



Date: 1 SEP.2021 23:41:29

Highest Band Edge / Full RB



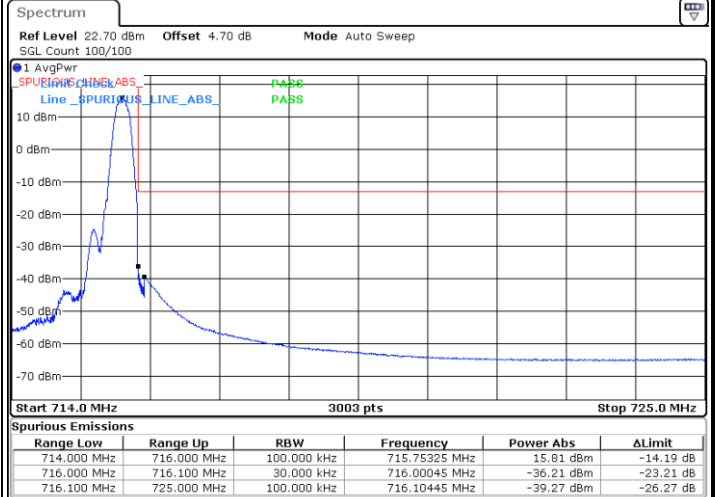
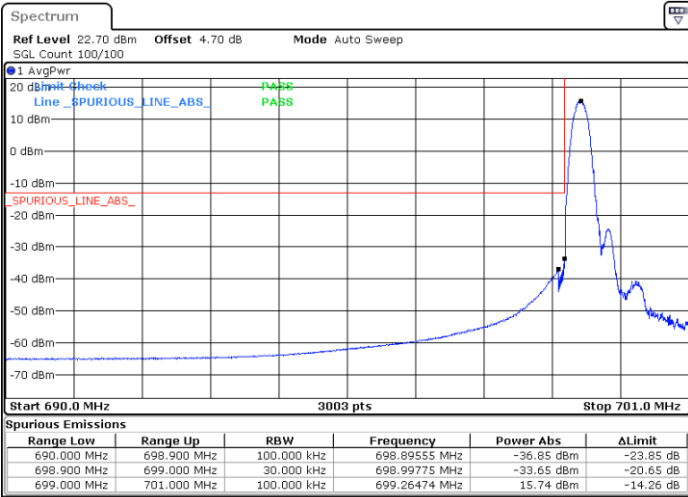
Date: 1 SEP.2021 23:39:13



LTE Band 12 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

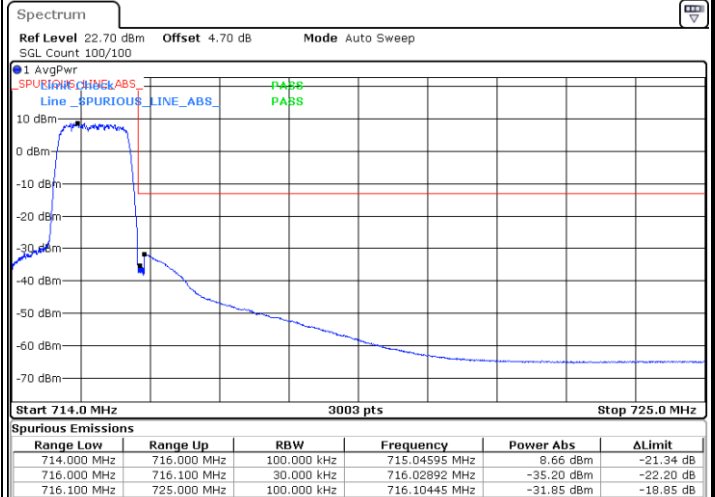
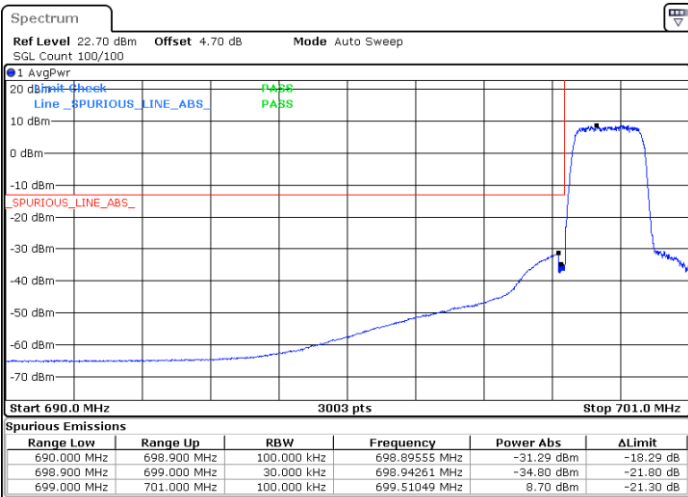


Date: 17_SEP.2021 11:43:25

Date: 17_SEP.2021 11:47:22

Lowest Band Edge / Full RB

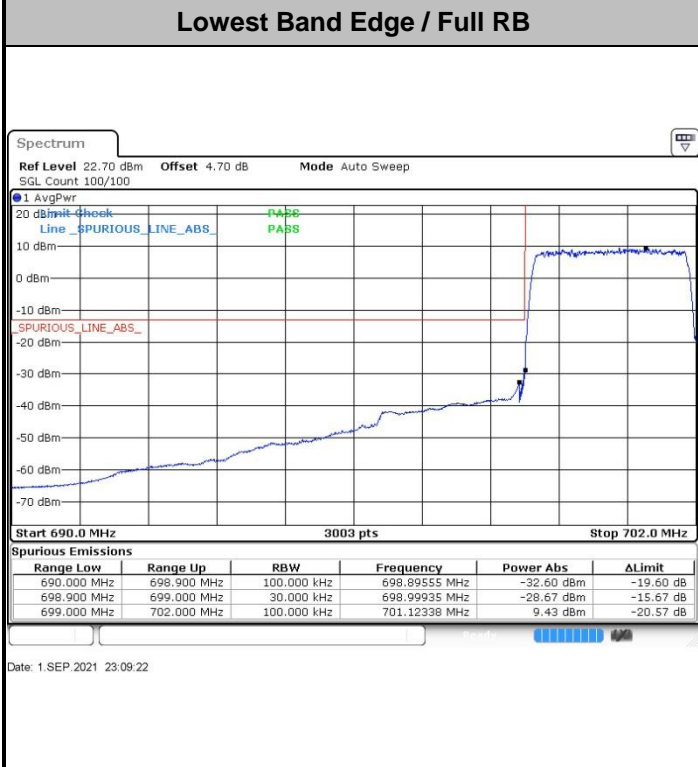
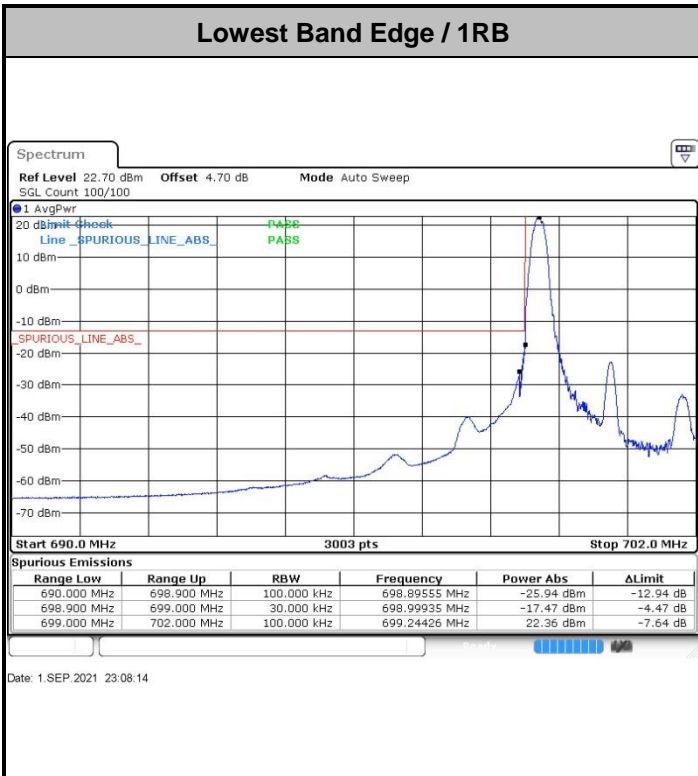
Highest Band Edge / Full RB



Date: 17_SEP.2021 11:44:21

Date: 17_SEP.2021 11:45:46

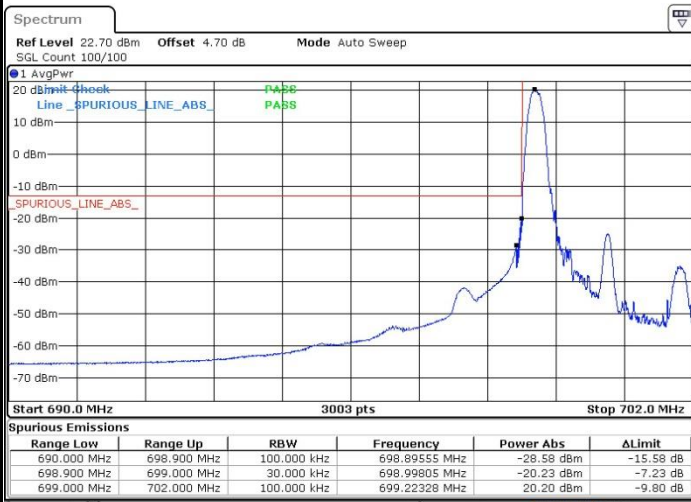
LTE Band 12 / 3MHz / QPSK





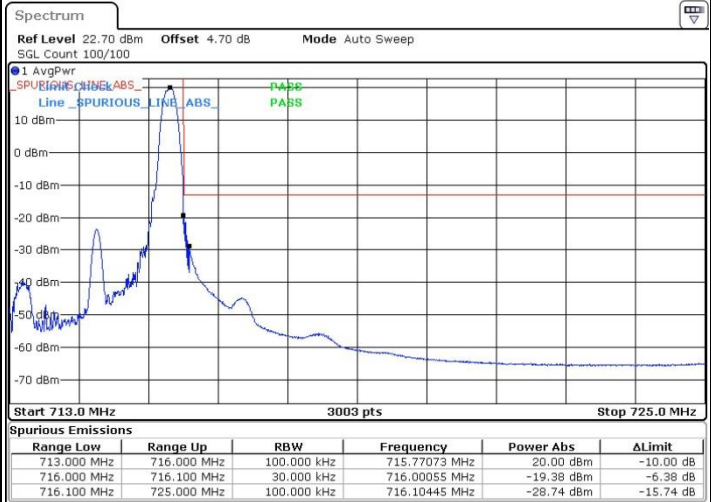
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 1 SEP. 2021 23:07:07

Highest Band Edge / 1 RB



Date: 1 SEP. 2021 23:15:02

Lowest Band Edge / Full RB



Date: 1 SEP. 2021 23:10:30

Highest Band Edge / Full RB

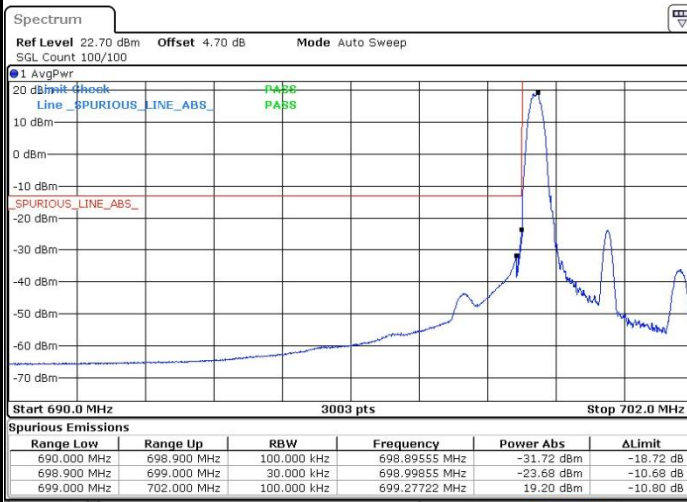


Date: 1 SEP. 2021 23:11:38



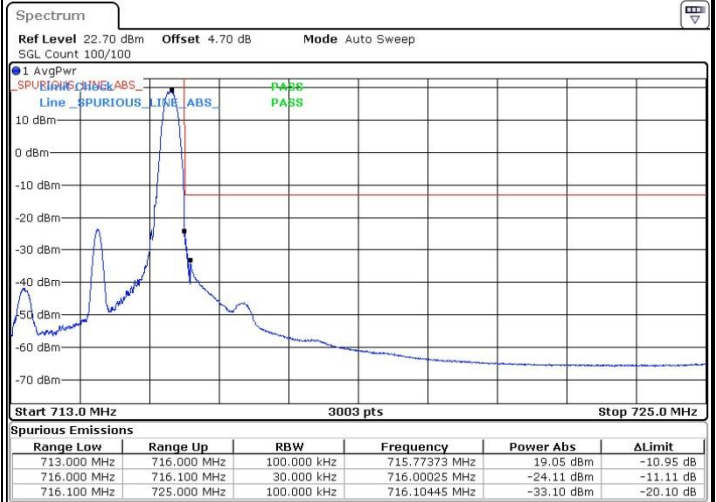
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



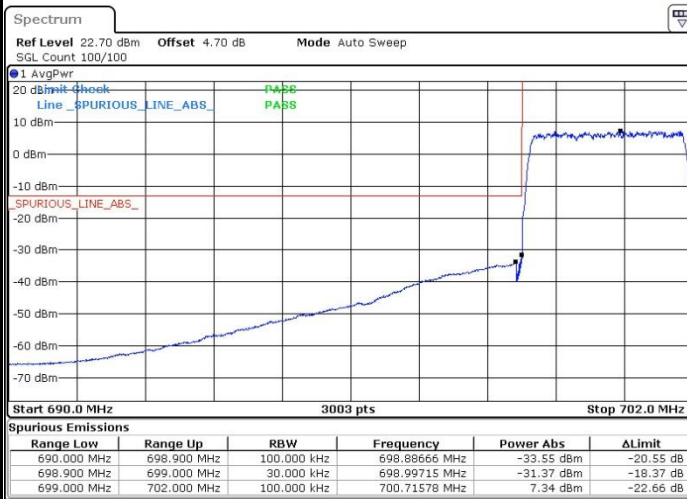
Date: 1 SEP. 2021 23:43:12

Highest Band Edge / 1 RB



Date: 1 SEP. 2021 23:46:36

Lowest Band Edge / Full RB



Date: 1 SEP. 2021 23:44:20

Highest Band Edge / Full RB

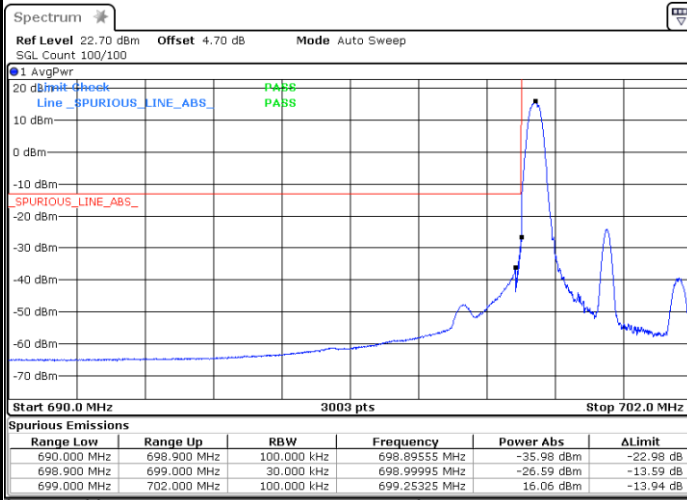


Date: 1 SEP. 2021 23:45:28



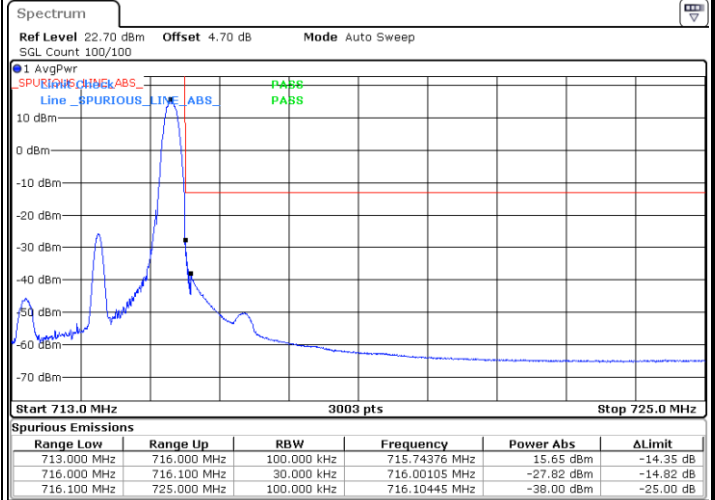
LTE Band 12 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



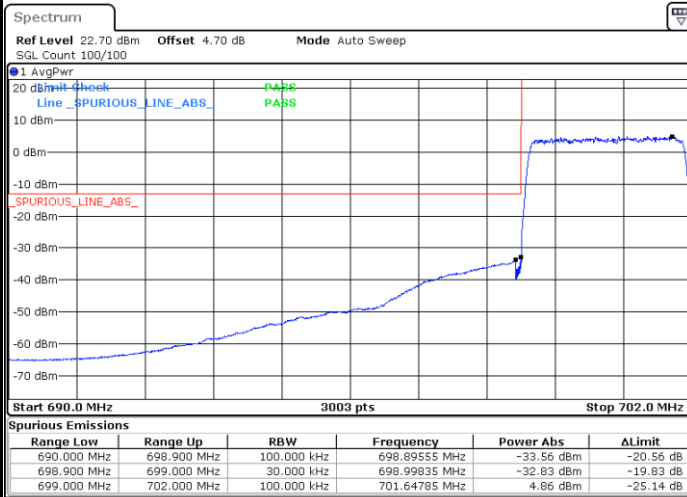
Date: 17.SEP.2021 11:38:15

Highest Band Edge / 1 RB



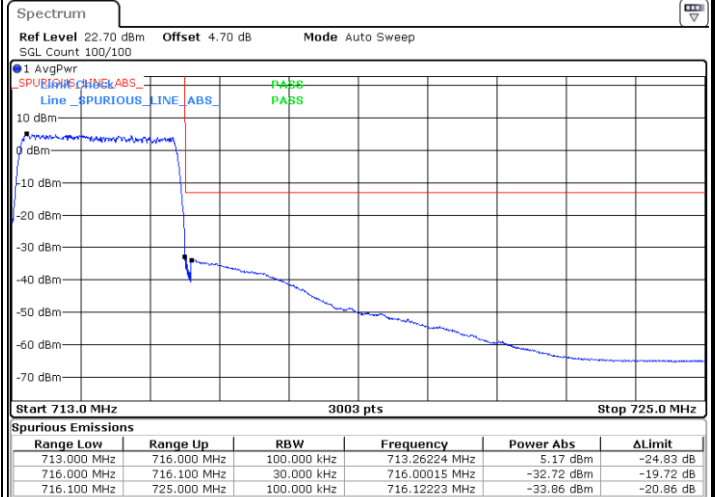
Date: 17.SEP.2021 11:36:45

Lowest Band Edge / Full RB



Date: 17.SEP.2021 11:40:10

Highest Band Edge / Full RB

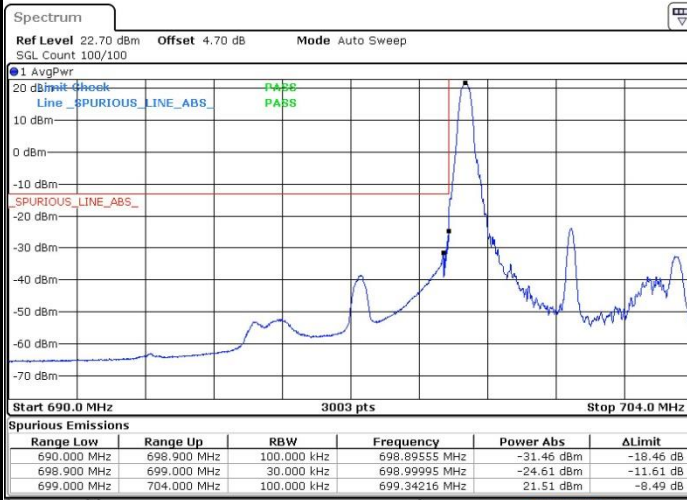


Date: 17.SEP.2021 11:31:59



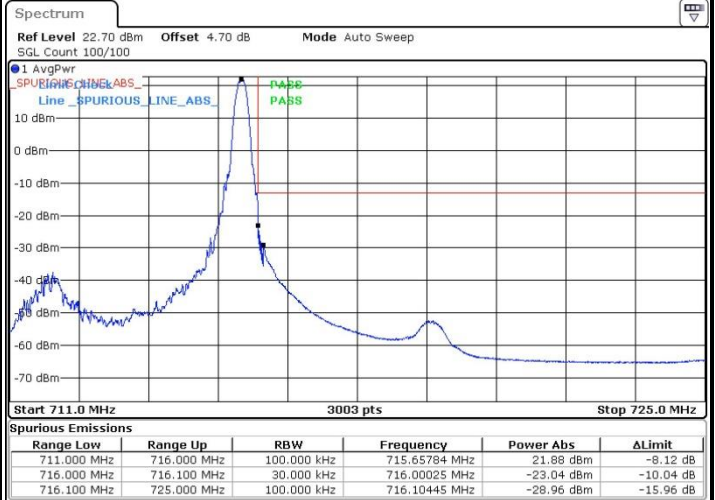
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



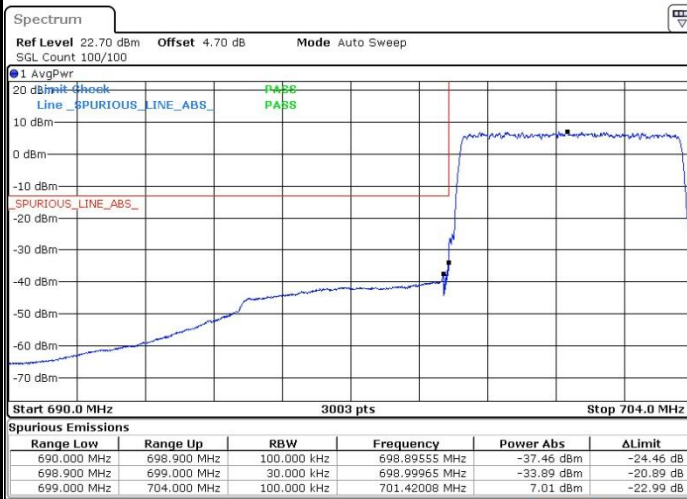
Date: 1 SEP. 2021 23:19:38

Highest Band Edge / 1 RB



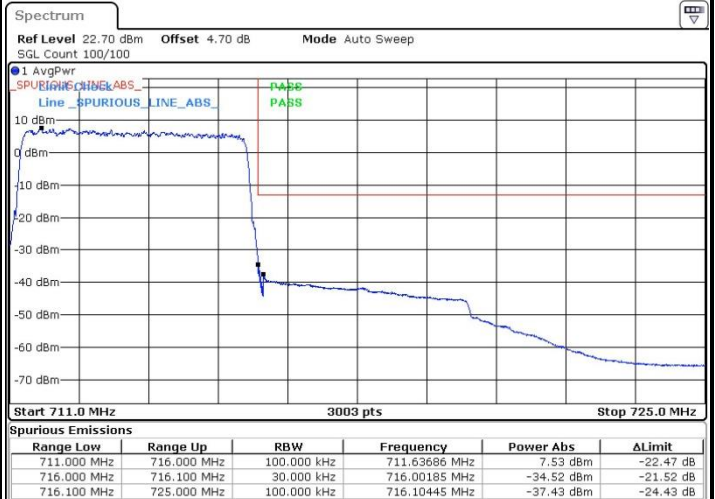
Date: 1 SEP. 2021 23:25:18

Lowest Band Edge / Full RB



Date: 1 SEP. 2021 23:20:46

Highest Band Edge / Full RB

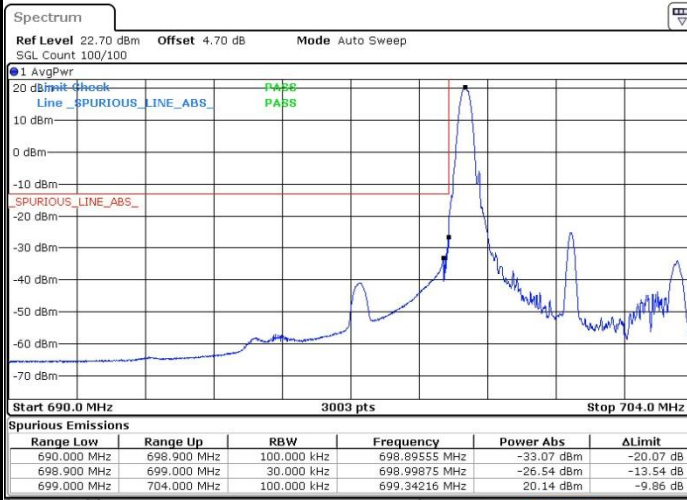


Date: 1 SEP. 2021 23:24:10



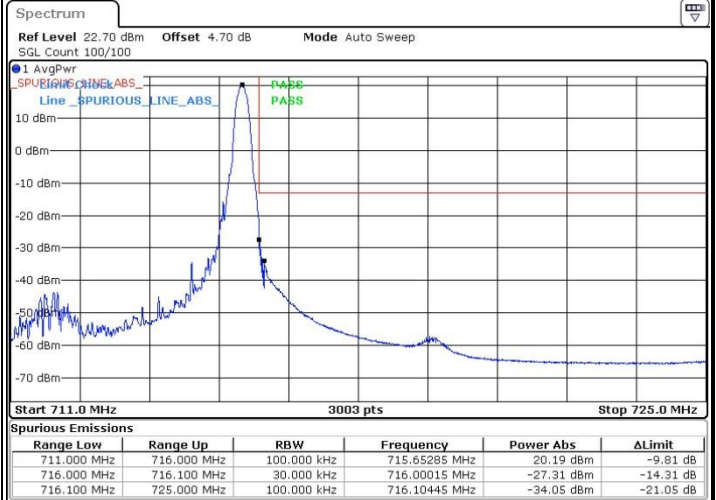
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 1 SEP.2021 23:18:30

Highest Band Edge / 1 RB



Date: 1 SEP.2021 23:26:26

Lowest Band Edge / Full RB



Date: 1 SEP.2021 23:21:54

Highest Band Edge / Full RB



Date: 1 SEP.2021 23:23:02