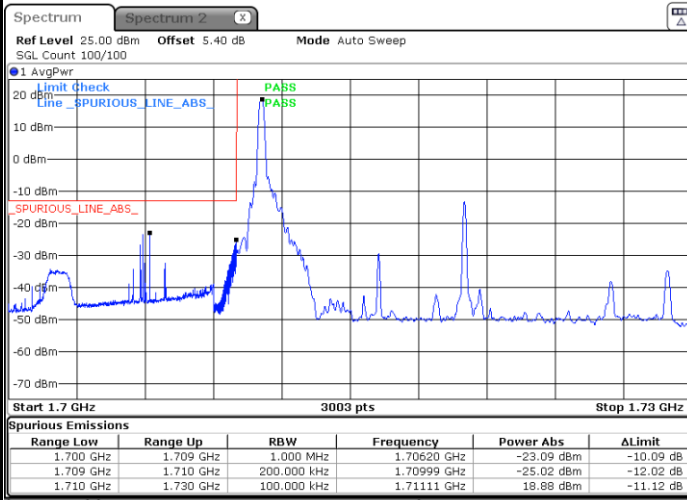




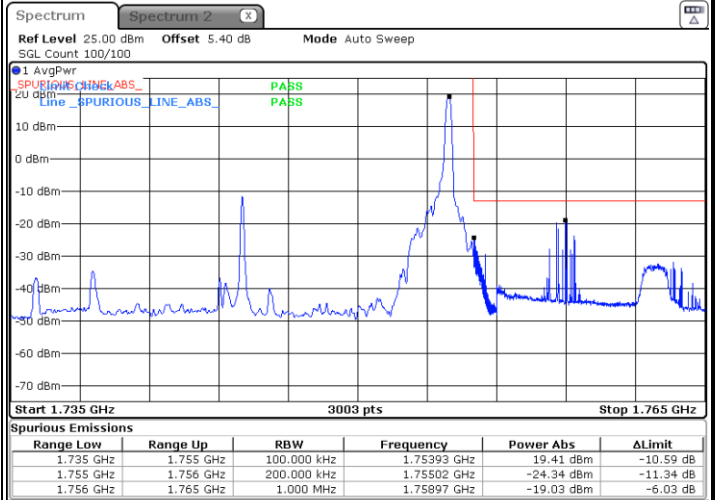
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



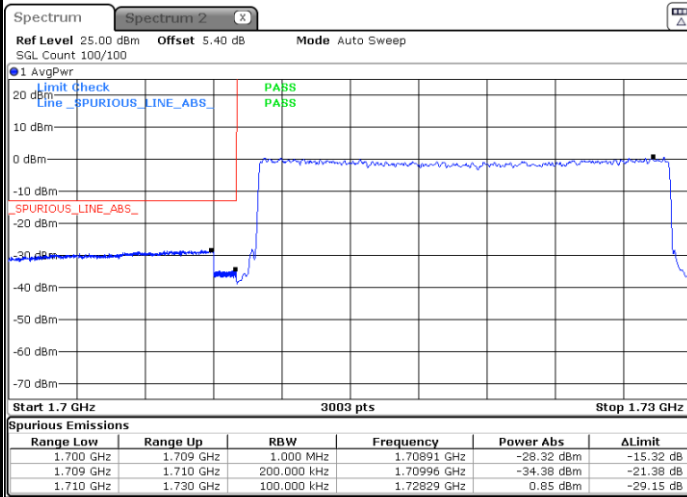
Date: 18.AUG.2022 17:22:54

Highest Band Edge / 1 RB



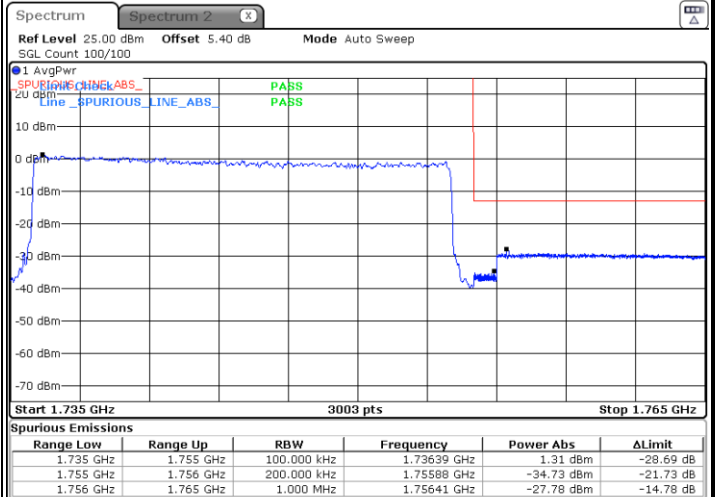
Date: 18.AUG.2022 17:30:37

Lowest Band Edge / Full RB



Date: 18.AUG.2022 17:25:23

Highest Band Edge / Full RB

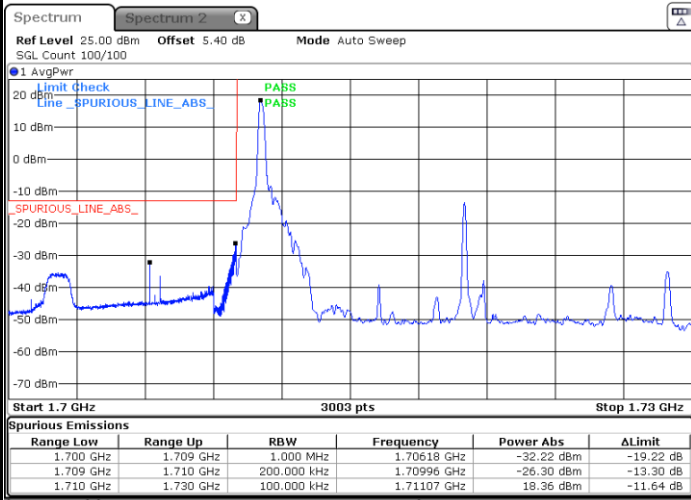


Date: 18.AUG.2022 17:33:07



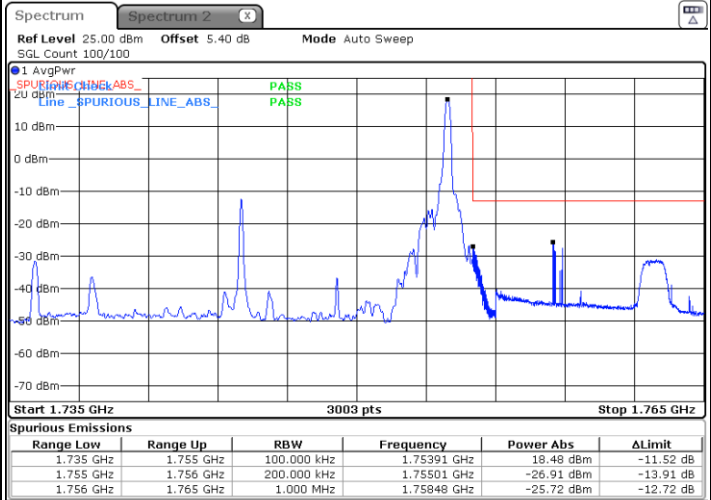
LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



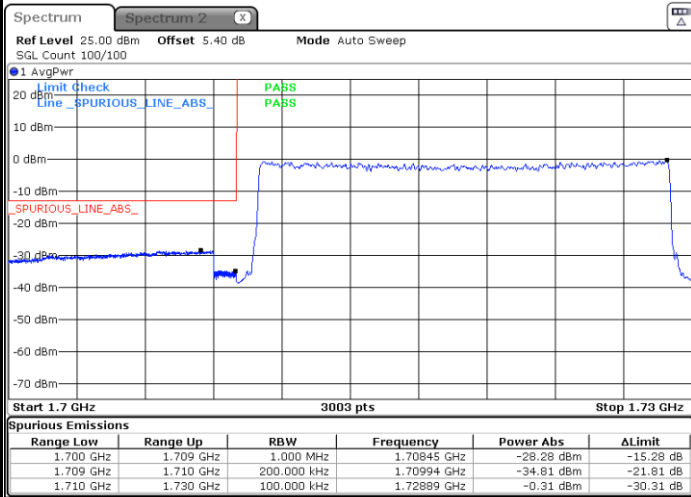
Date: 18.AUG.2022 17:23:43

Highest Band Edge / 1 RB



Date: 18.AUG.2022 17:31:27

Lowest Band Edge / Full RB



Date: 18.AUG.2022 17:24:33

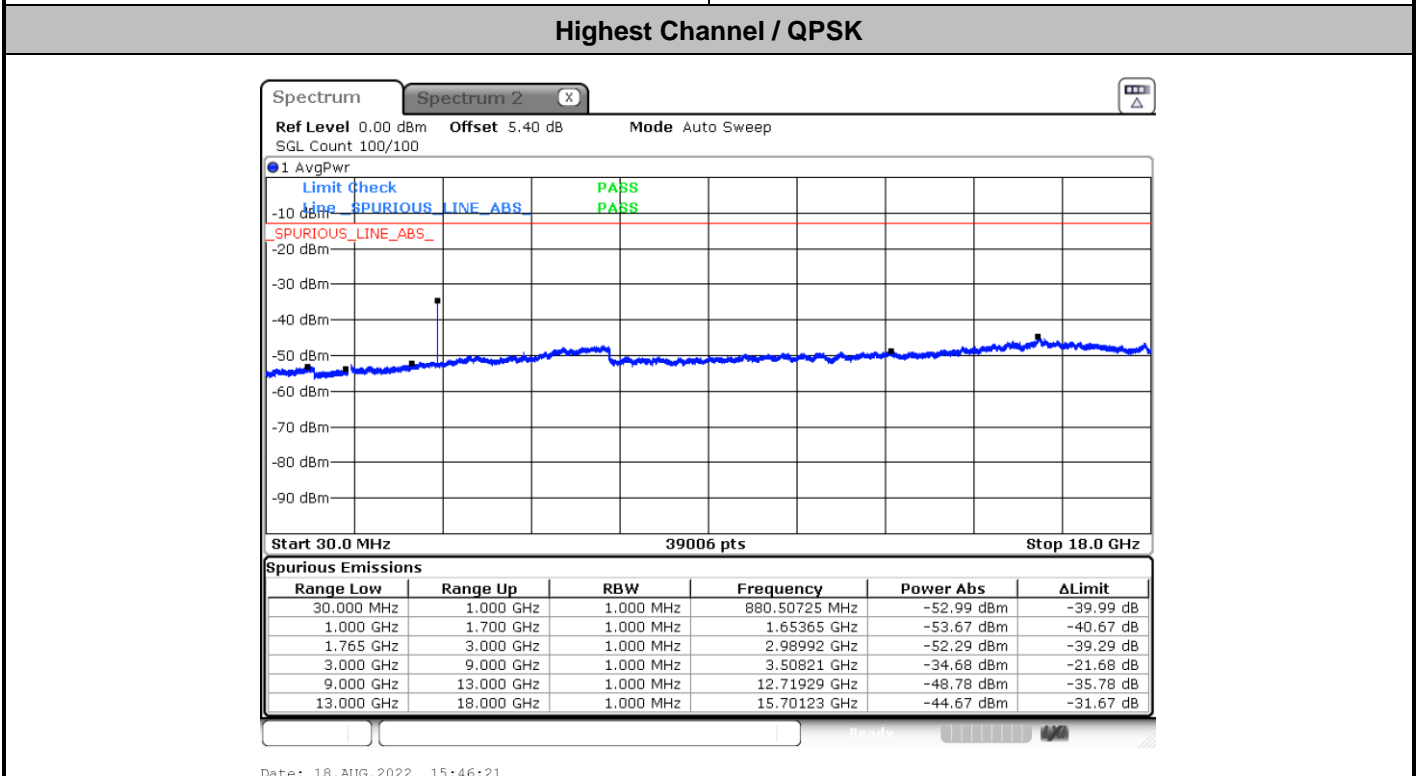
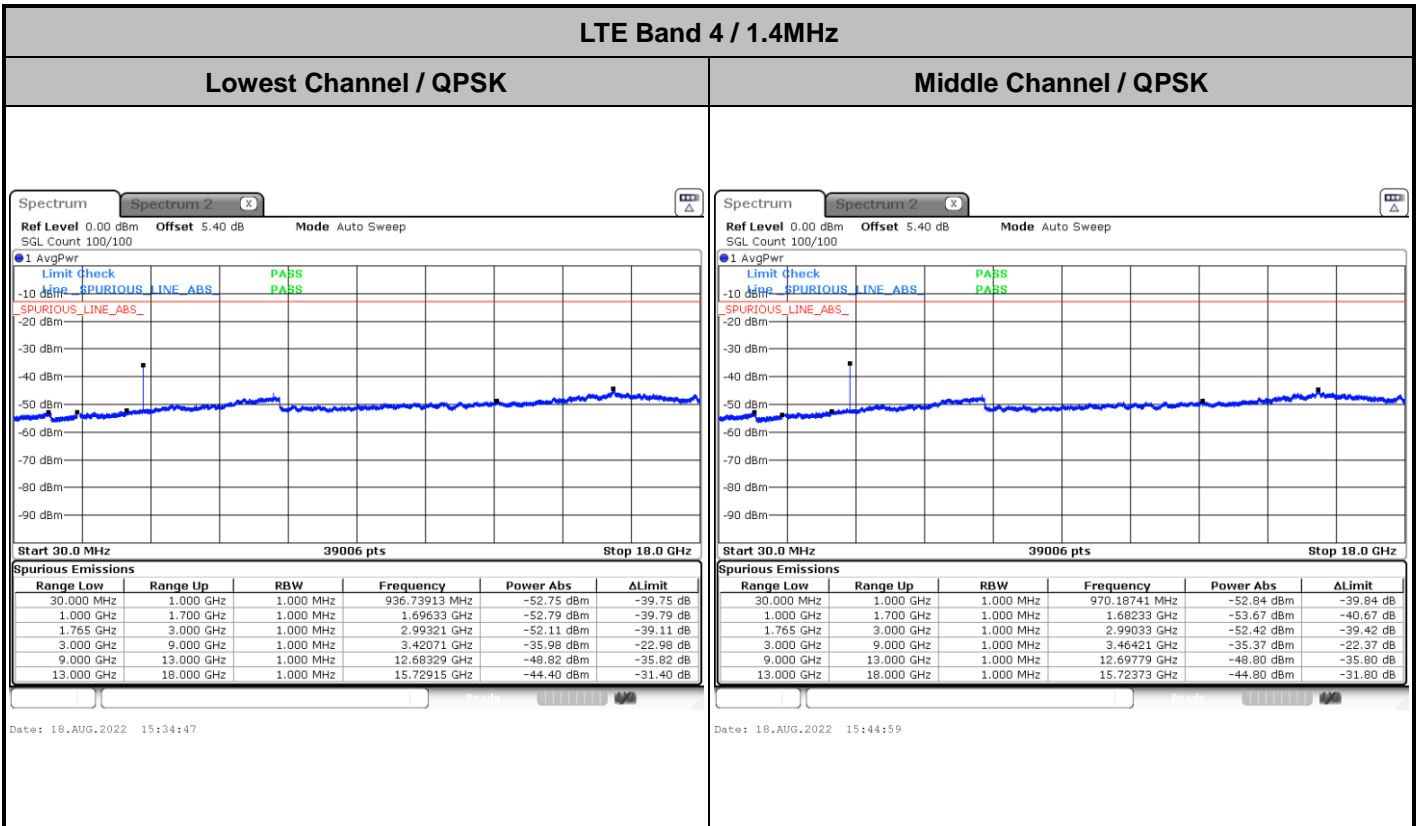
Highest Band Edge / Full RB



Date: 18.AUG.2022 17:32:17



Conducted Spurious Emission

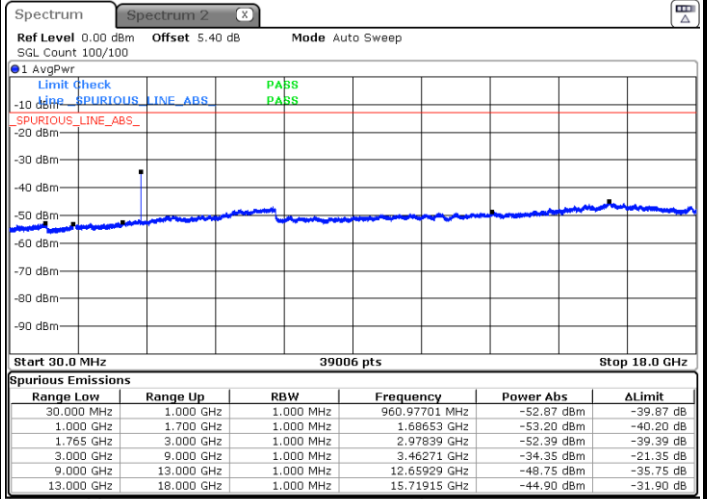
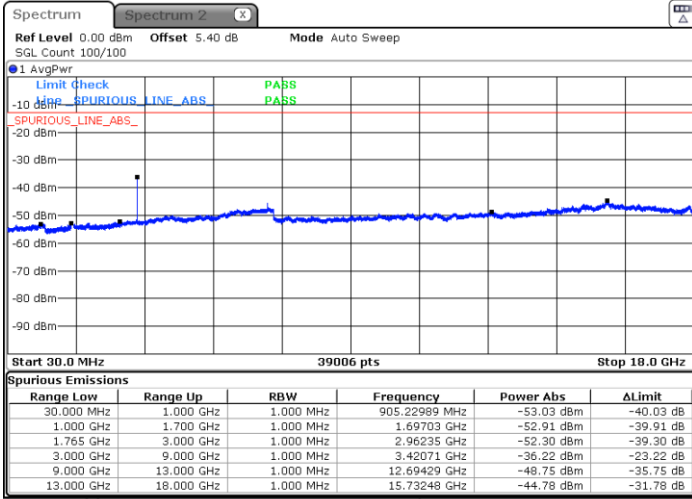




LTE Band 4 / 3MHz

Lowest Channel / QPSK

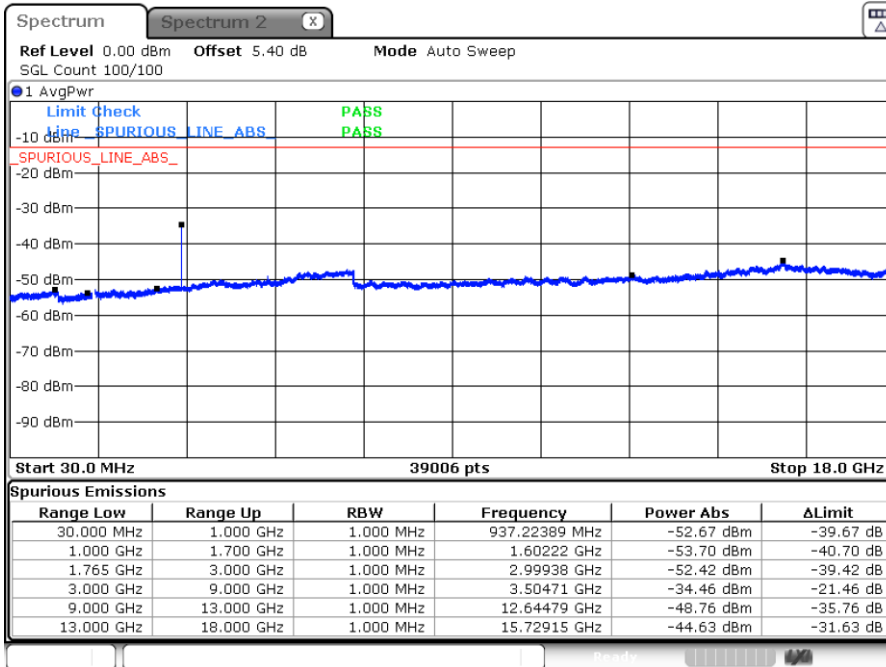
Middle Channel / QPSK



Date: 18.AUG.2022 15:56:33

Date: 18.AUG.2022 16:06:44

Highest Channel / QPSK



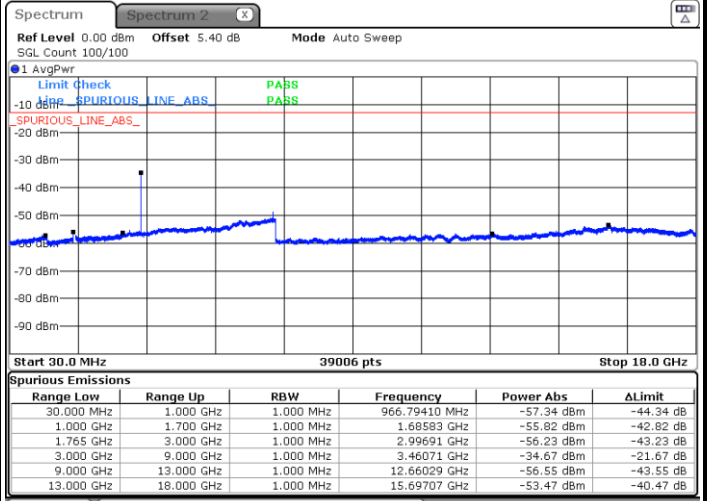
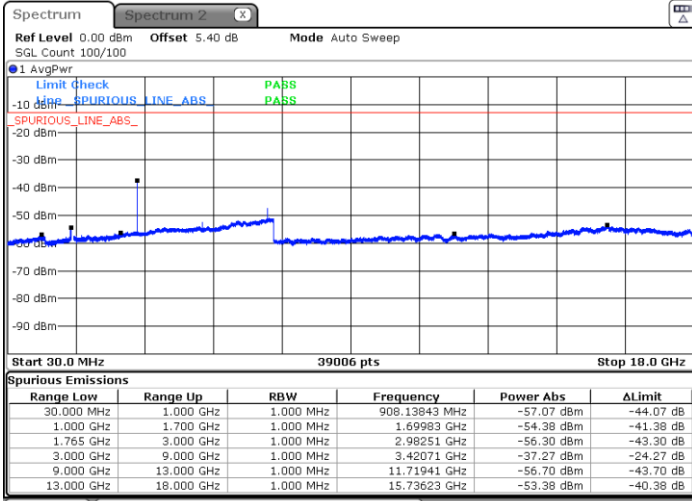
Date: 18.AUG.2022 16:08:06



LTE Band 4 / 5MHz

Lowest Channel / QPSK

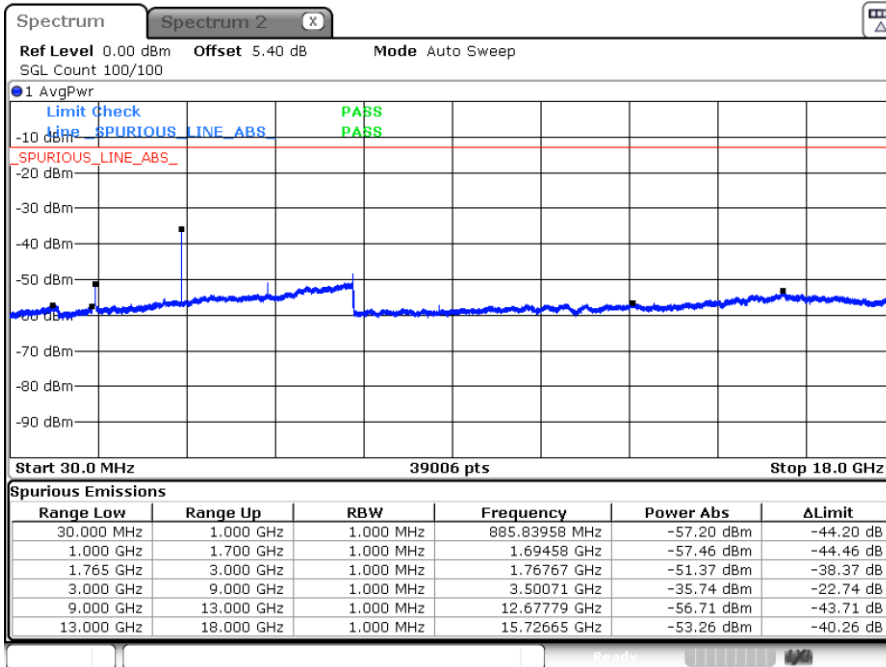
Middle Channel / QPSK



Date: 18.AUG.2022 16:18:17

Date: 18.AUG.2022 16:28:29

Highest Channel / QPSK



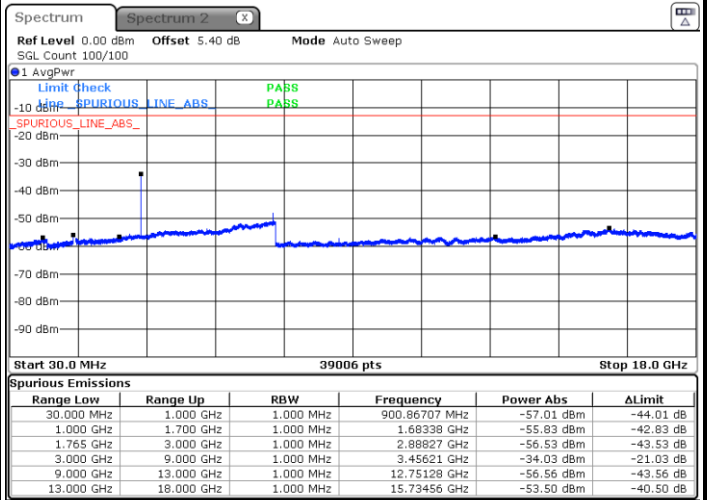
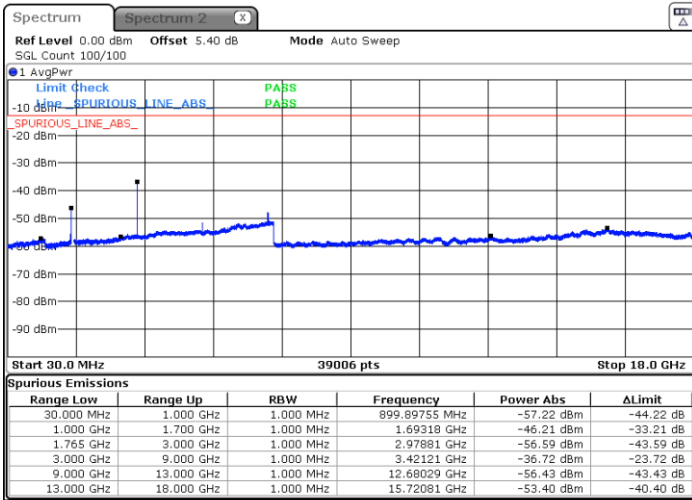
Date: 18.AUG.2022 16:29:51



LTE Band 4 / 10MHz

Lowest Channel / QPSK

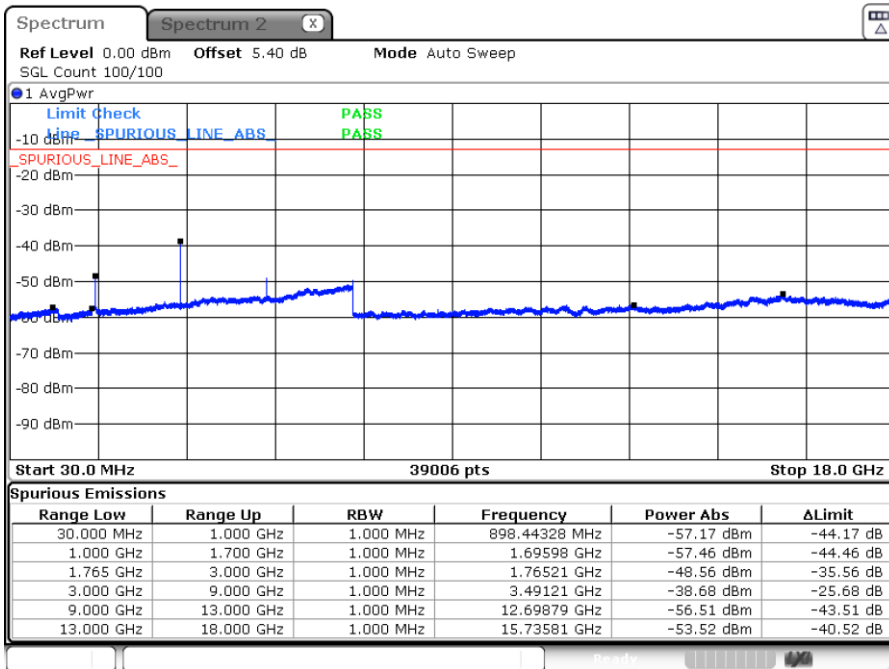
Middle Channel / QPSK



Date: 18.AUG.2022 16:38:39

Date: 18.AUG.2022 16:45:01

Highest Channel / QPSK



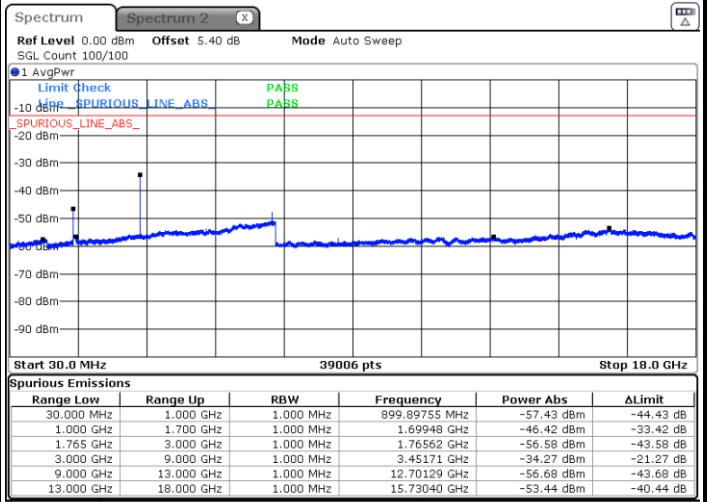
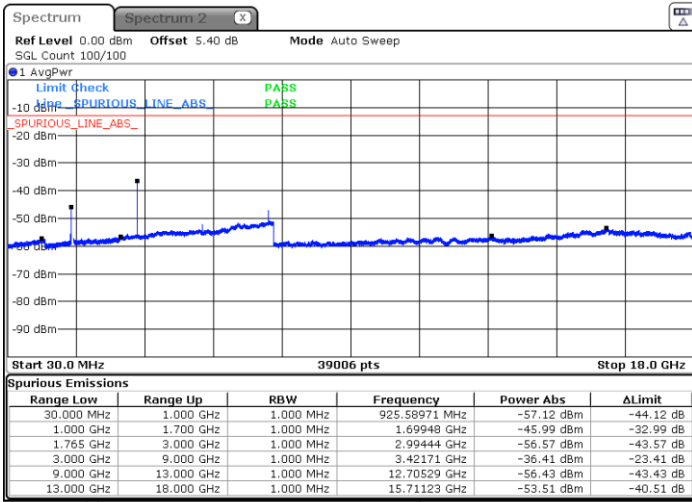
Date: 18.AUG.2022 16:46:23



LTE Band 4 / 15MHz

Lowest Channel / QPSK

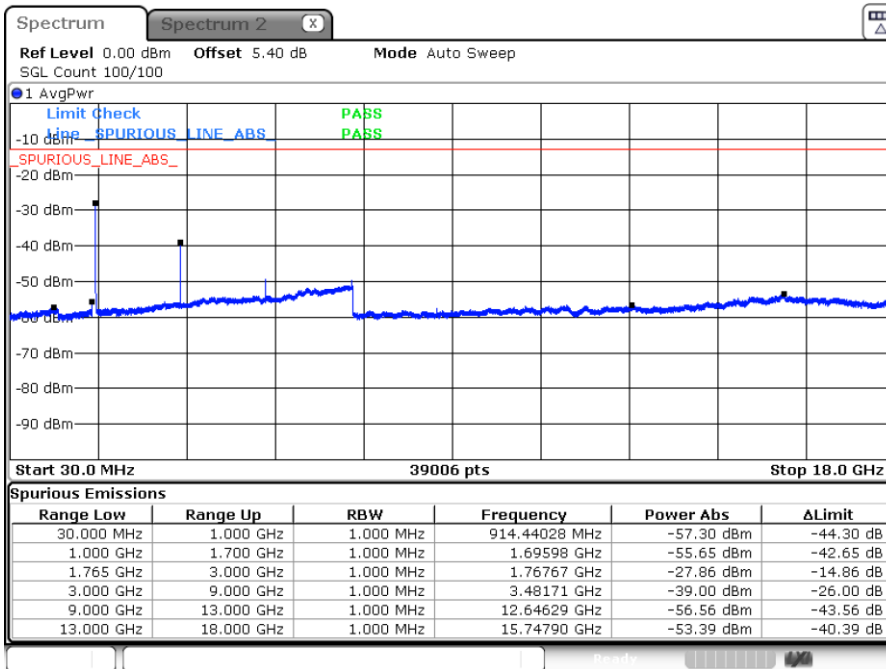
Middle Channel / QPSK



Date: 18.AUG.2022 16:52:46

Date: 18.AUG.2022 16:59:08

Highest Channel / QPSK



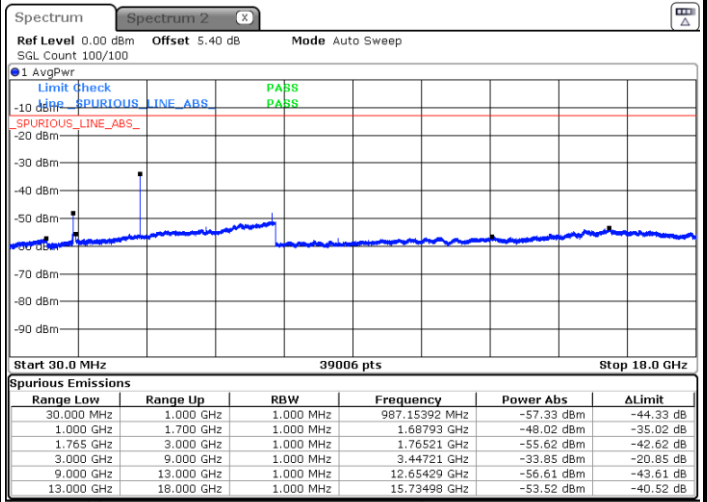
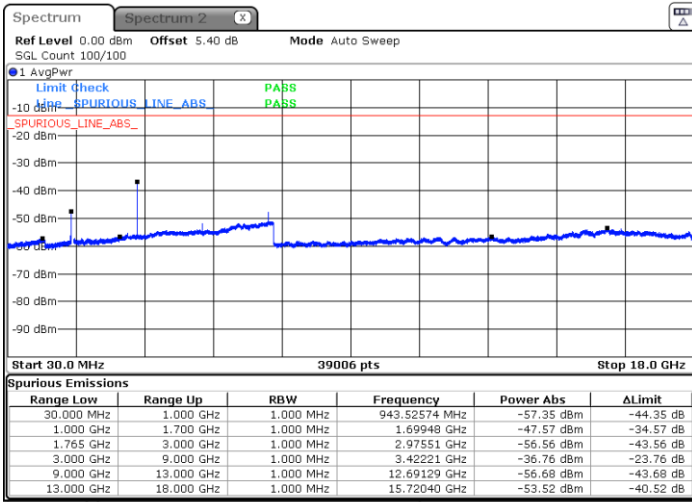
Date: 18.AUG.2022 17:00:30



LTE Band 4 / 20MHz

Lowest Channel / QPSK

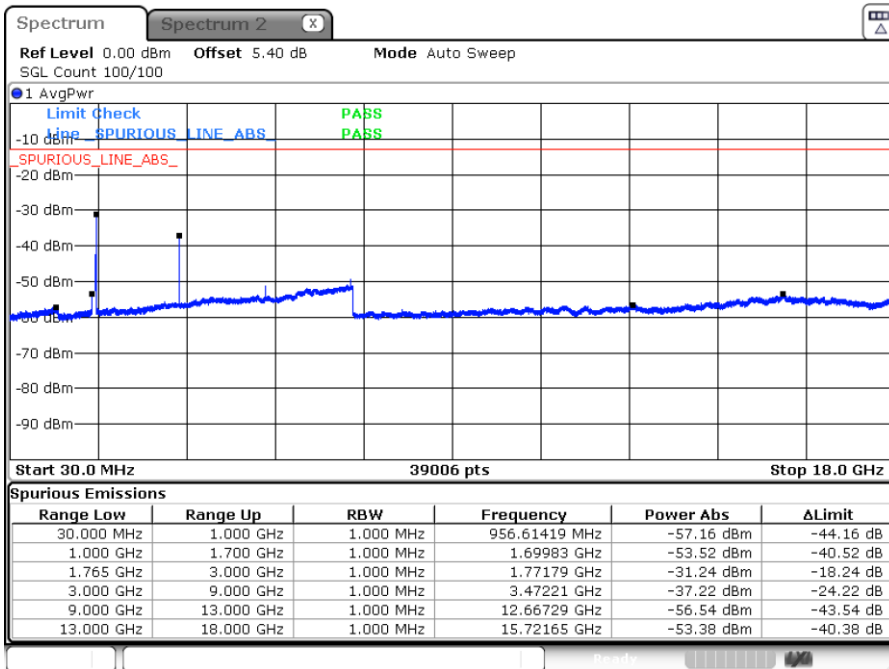
Middle Channel / QPSK



Date: 18.AUG.2022 17:06:52

Date: 18.AUG.2022 17:27:35

Highest Channel / QPSK



Date: 18.AUG.2022 17:28:57



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0014	

Note:

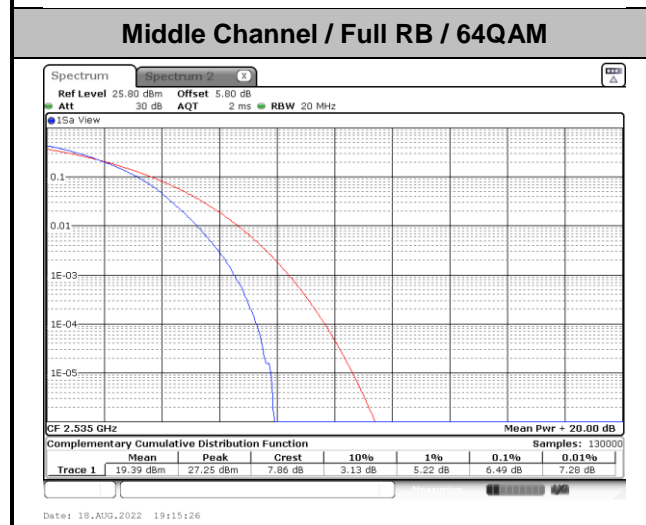
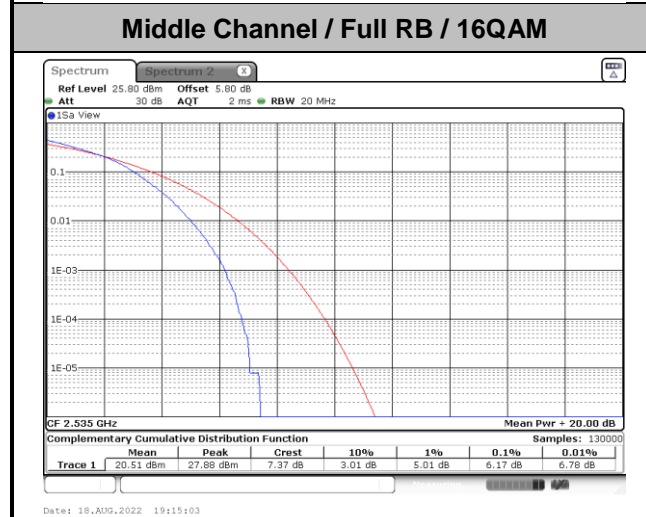
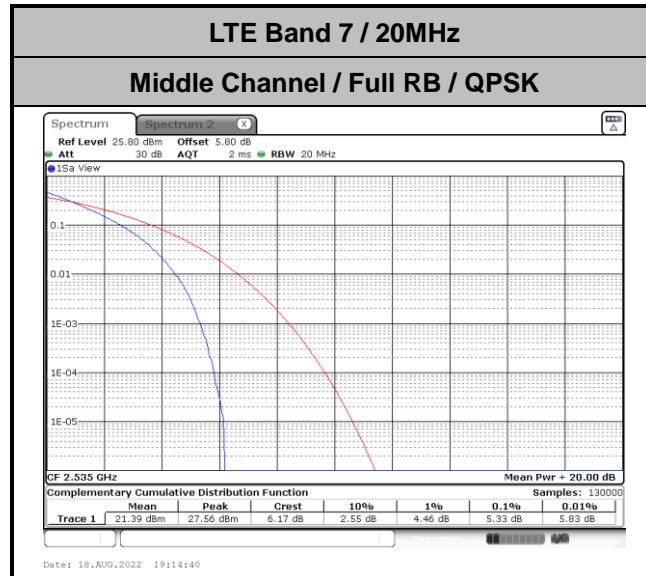
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

Peak-to-Average Ratio

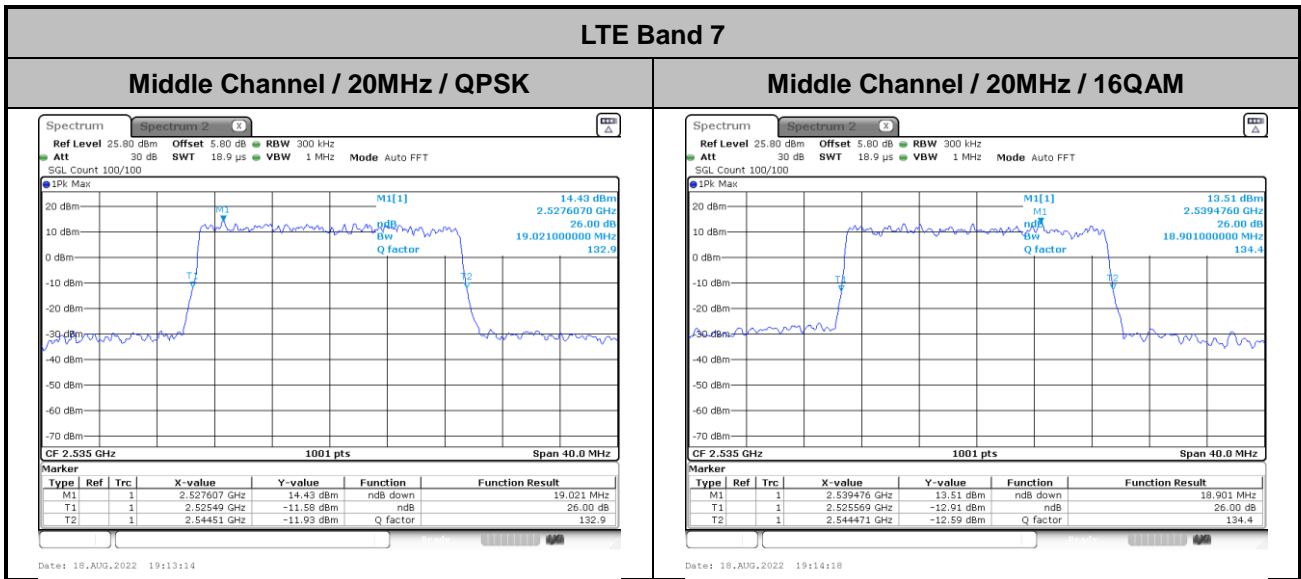
Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.33	6.17	6.49	PASS





26dB Bandwidth

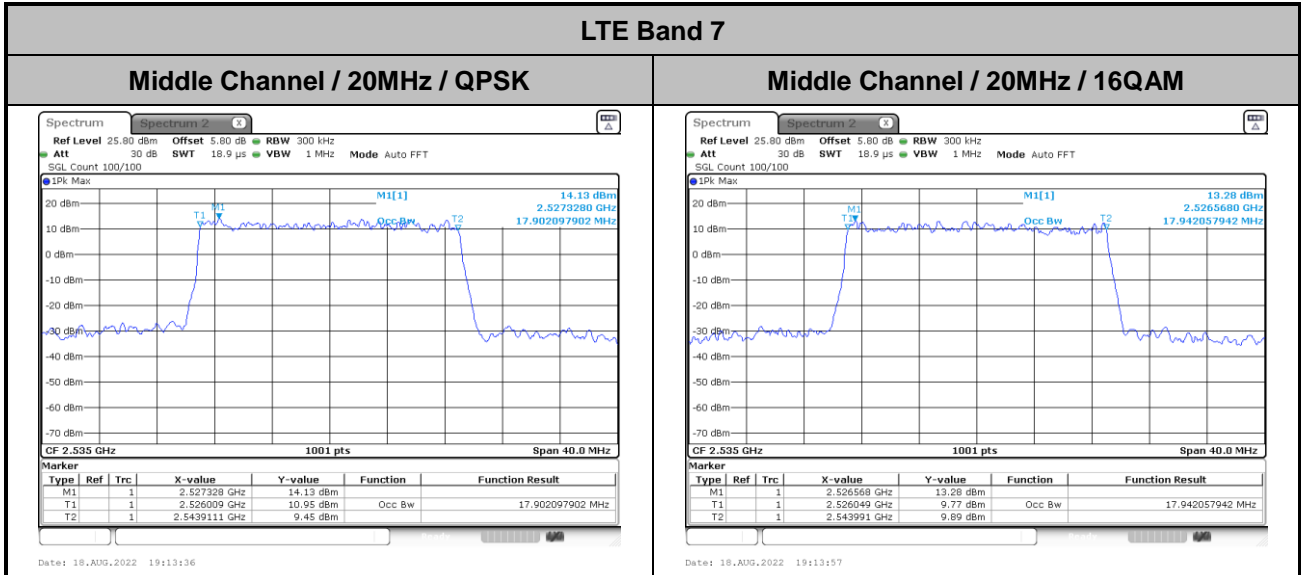
Mode	LTE Band 7 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.02	18.90





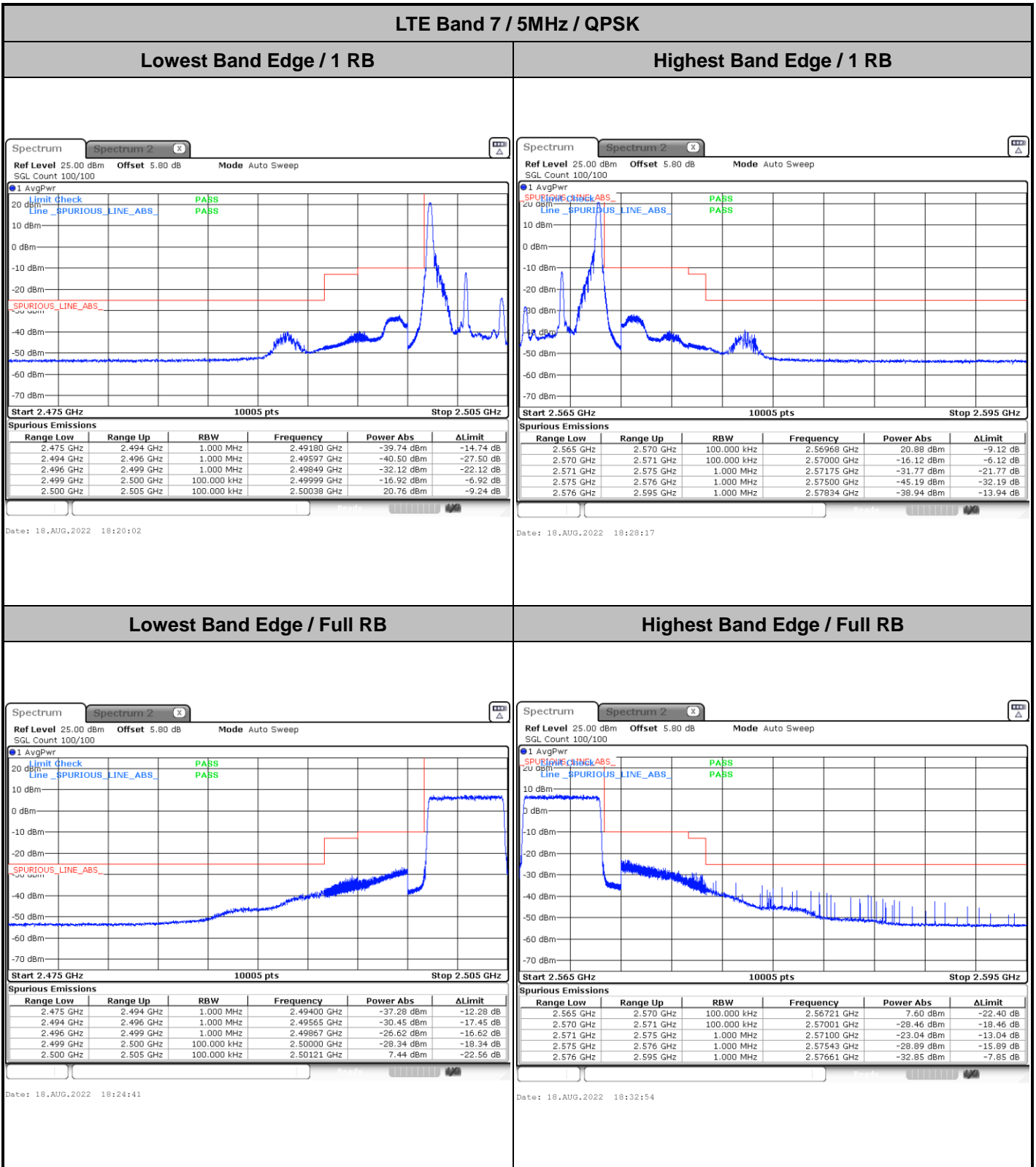
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.94





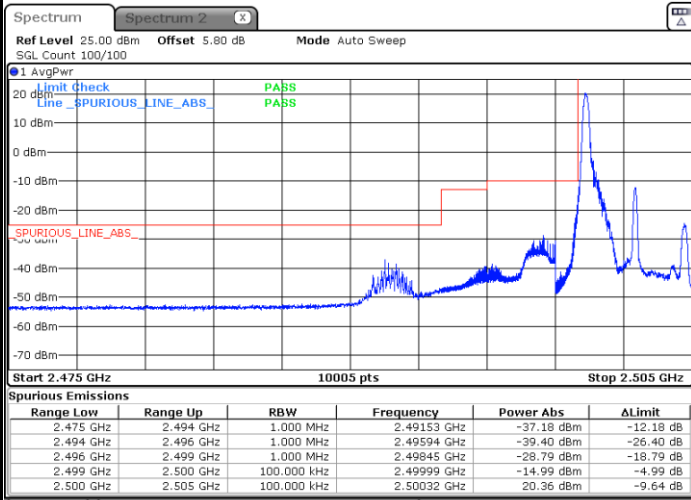
Conducted Band Edge





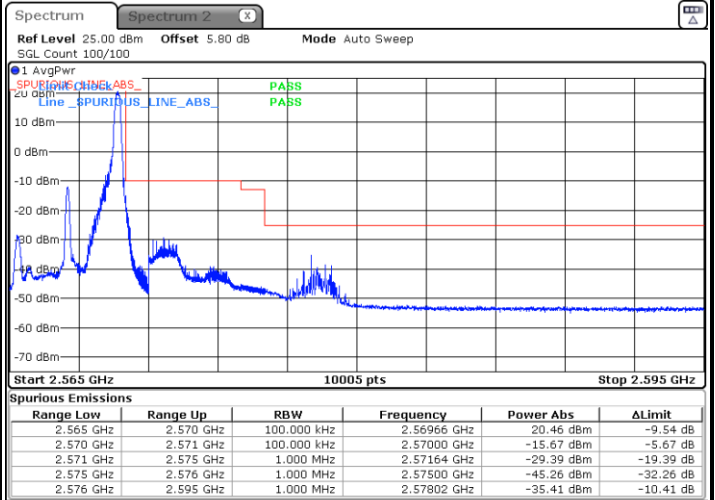
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



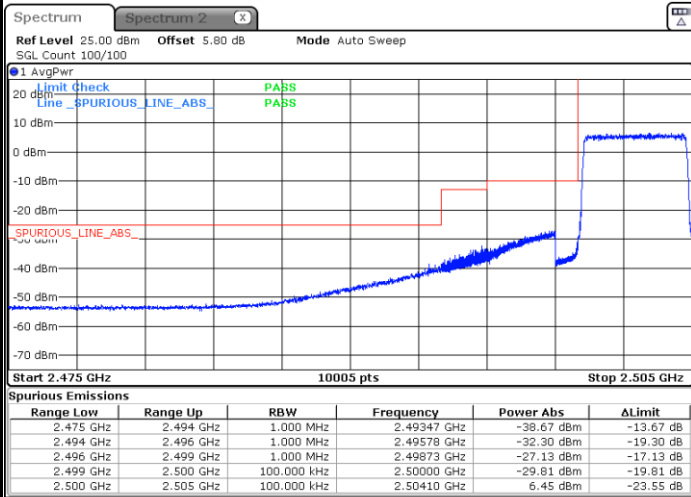
Date: 18.AUG.2022 18:20:58

Highest Band Edge / 1 RB



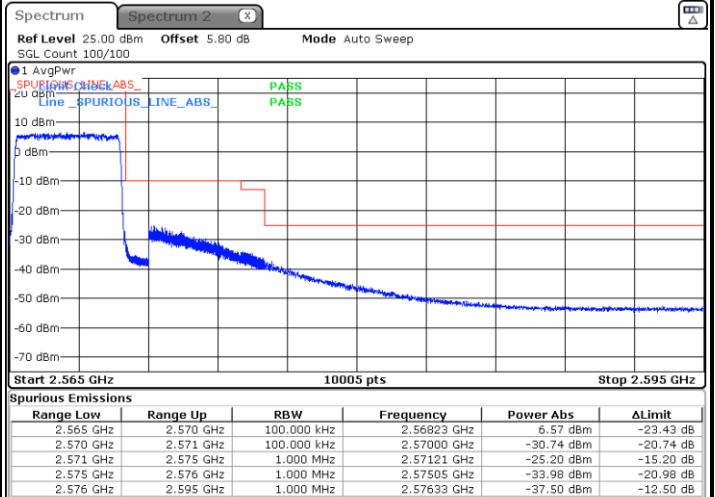
Date: 18.AUG.2022 18:29:12

Lowest Band Edge / Full RB



Date: 18.AUG.2022 18:23:46

Highest Band Edge / Full RB

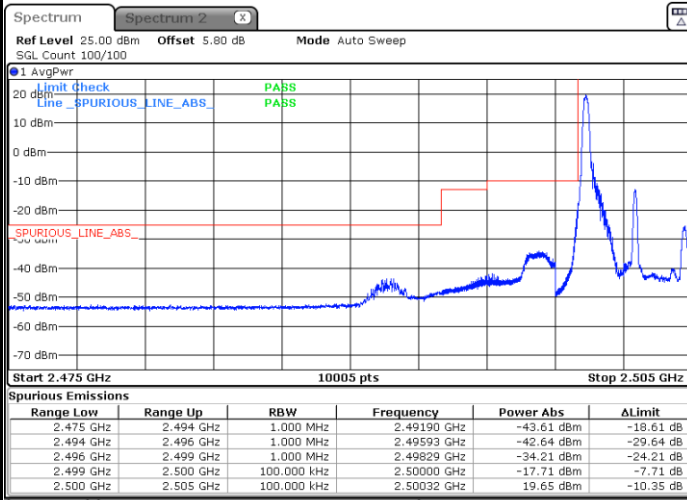


Date: 18.AUG.2022 18:31:58



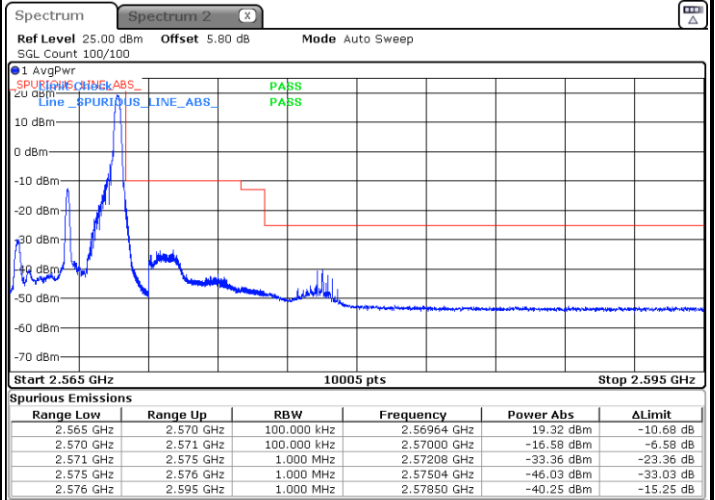
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



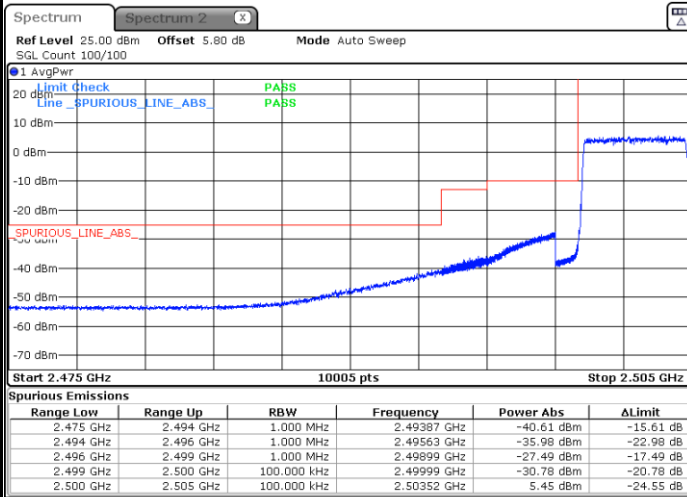
Date: 18.AUG.2022 18:21:54

Highest Band Edge / 1 RB



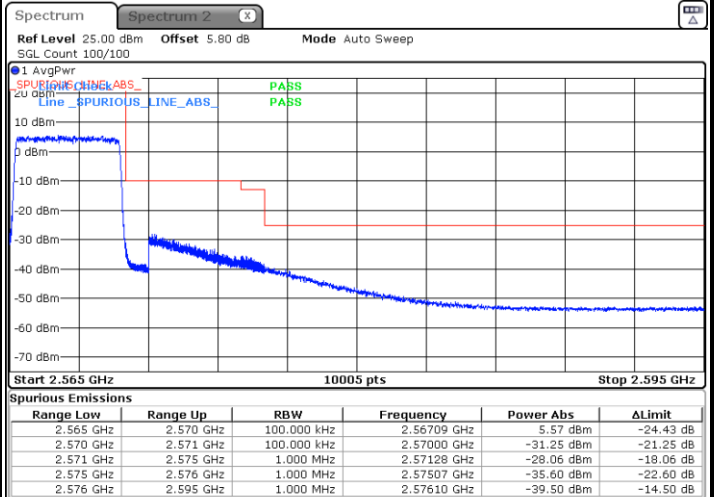
Date: 18.AUG.2022 18:30:07

Lowest Band Edge / Full RB



Date: 18.AUG.2022 18:22:50

Highest Band Edge / Full RB



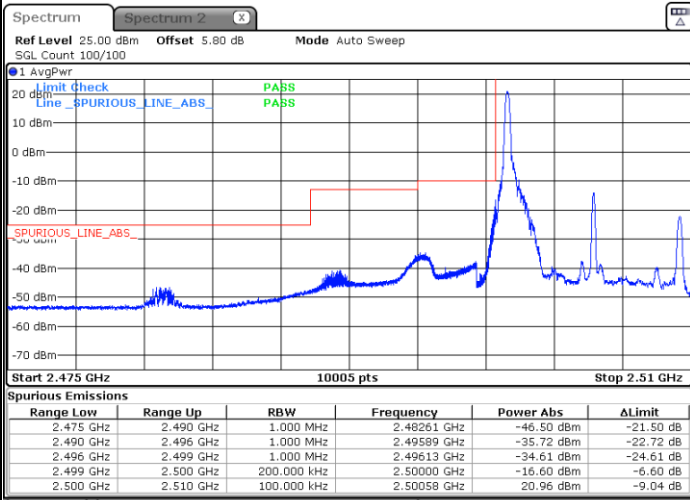
Date: 18.AUG.2022 18:31:03



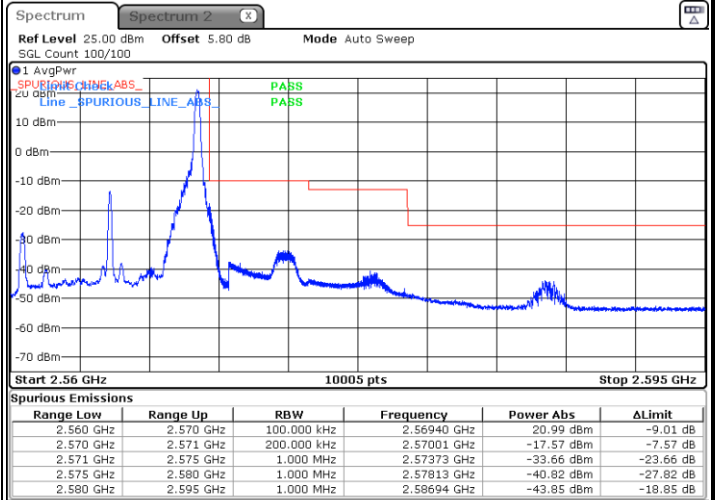
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



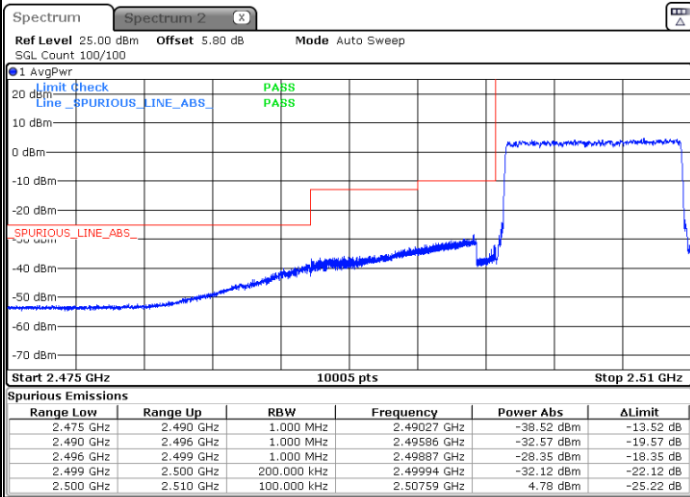
Date: 18.AUG.2022 18:35:10



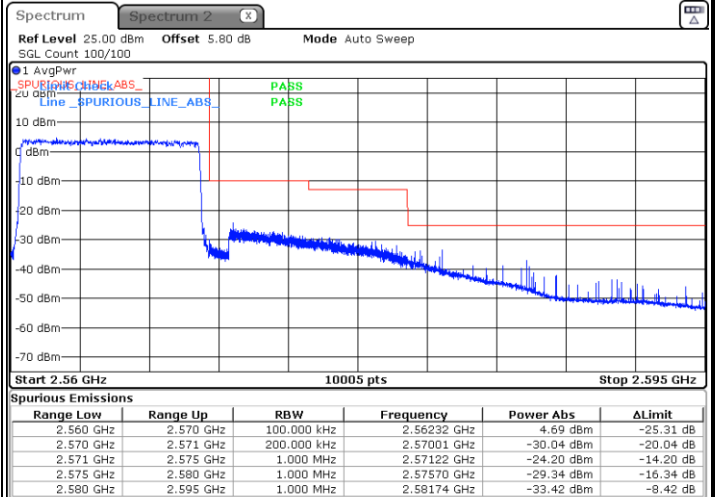
Date: 18.AUG.2022 18:43:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.AUG.2022 18:39:48

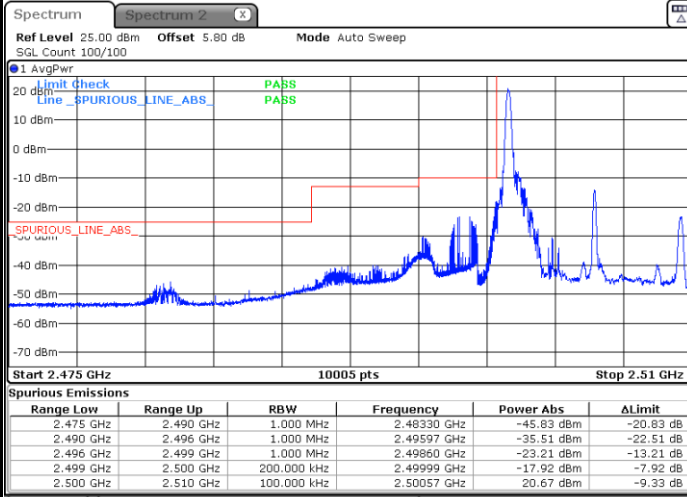


Date: 18.AUG.2022 18:48:02



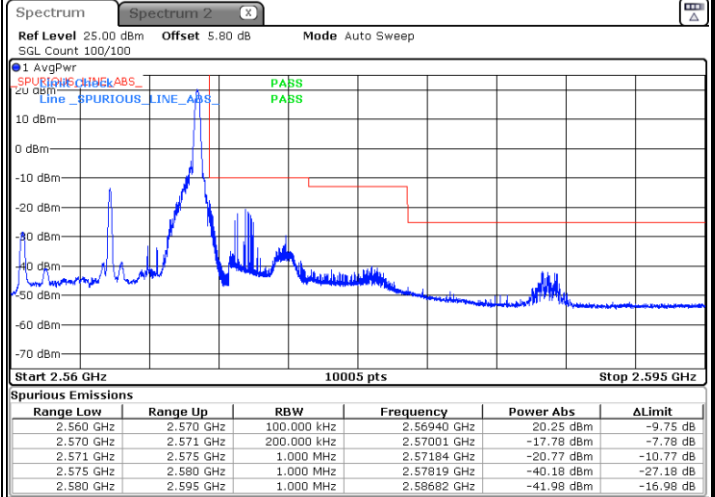
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



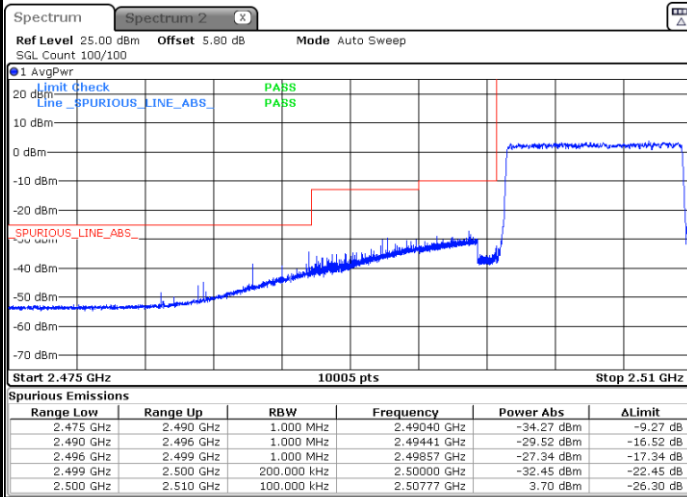
Date: 18.AUG.2022 18:36:06

Highest Band Edge / 1 RB



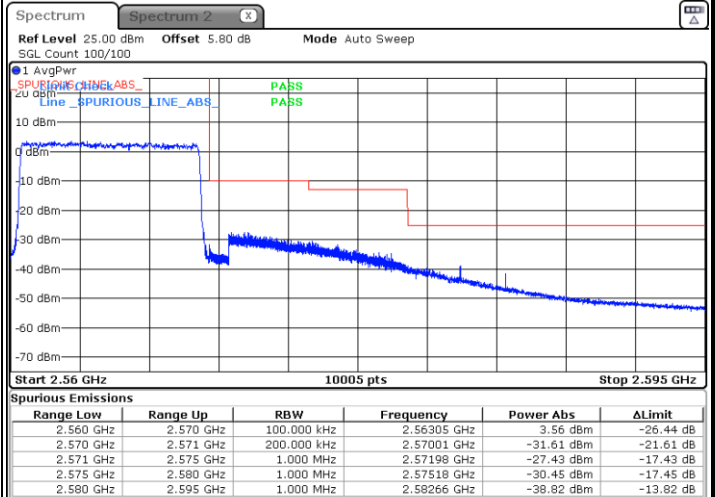
Date: 18.AUG.2022 18:44:19

Lowest Band Edge / Full RB



Date: 18.AUG.2022 18:38:52

Highest Band Edge / Full RB

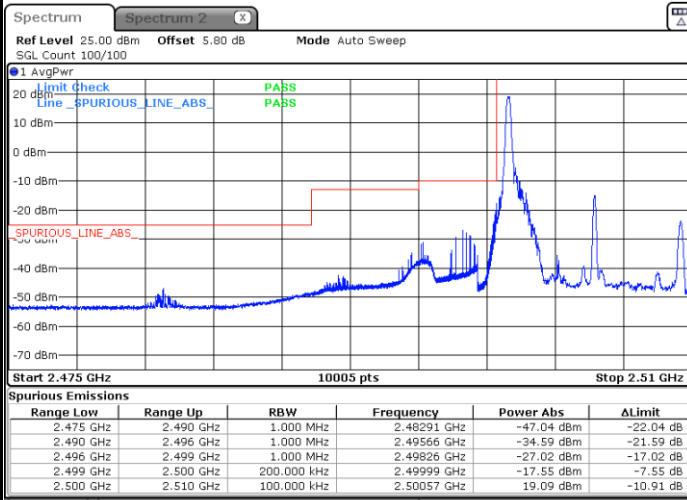


Date: 18.AUG.2022 18:47:06



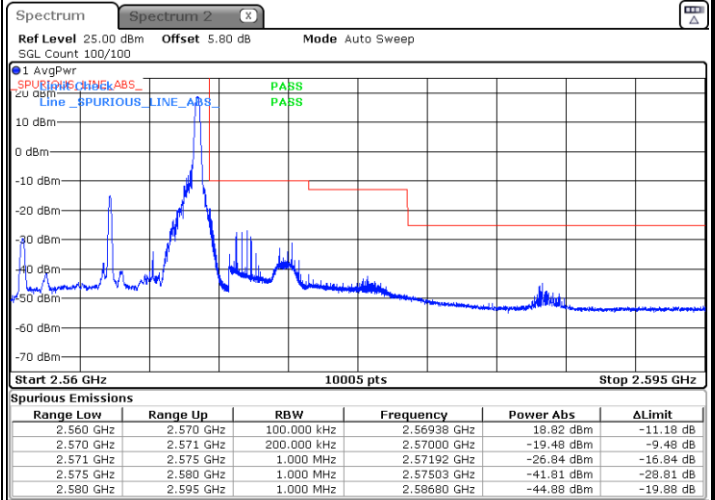
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



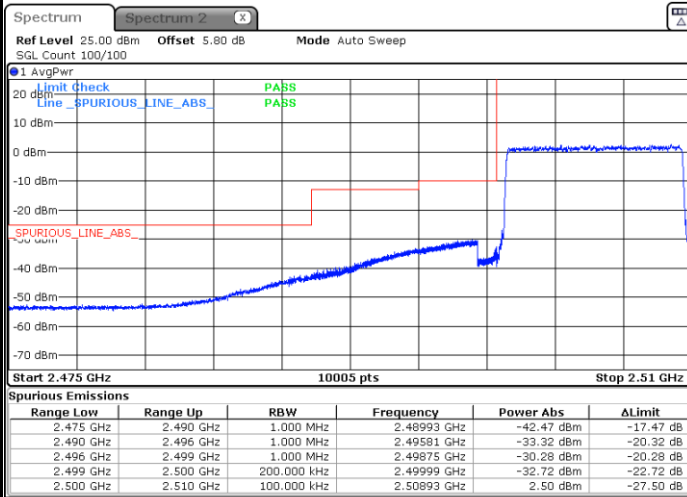
Date: 18.AUG.2022 18:37:02

Highest Band Edge / 1 RB



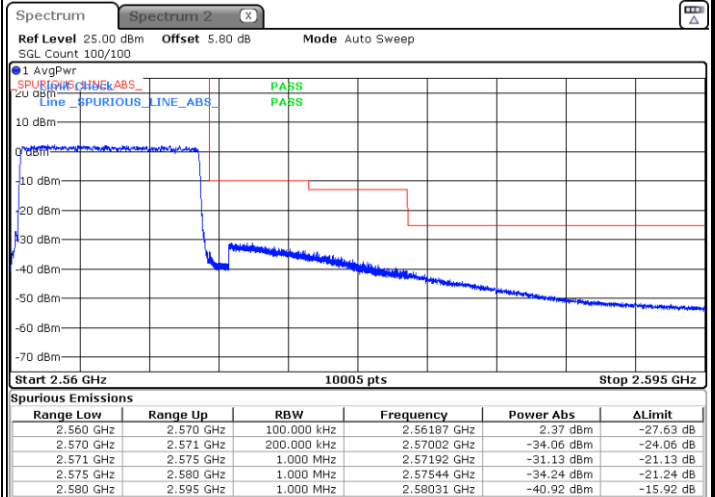
Date: 18.AUG.2022 18:45:14

Lowest Band Edge / Full RB



Date: 18.AUG.2022 18:37:57

Highest Band Edge / Full RB

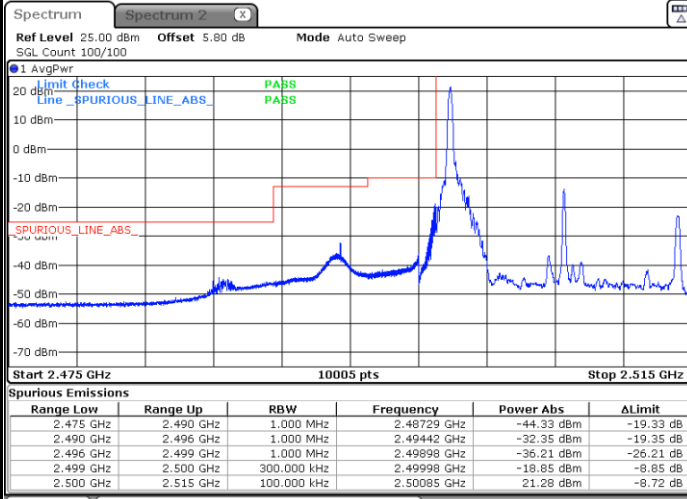


Date: 18.AUG.2022 18:46:10



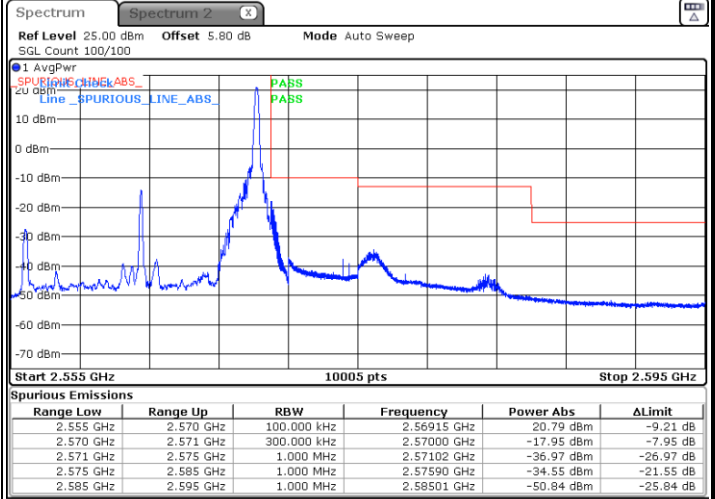
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



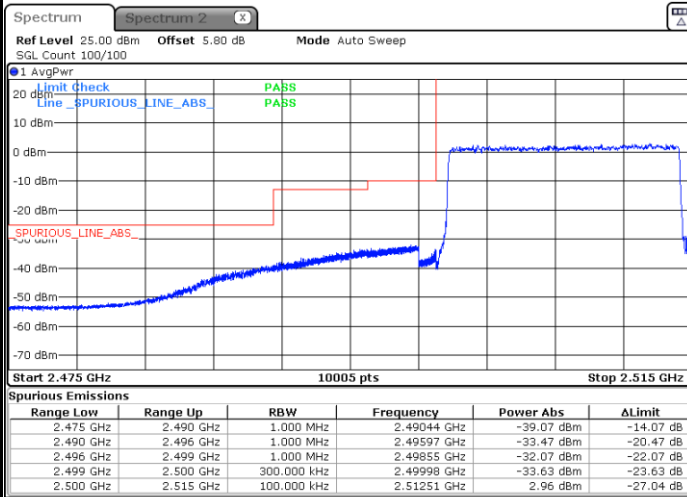
Date: 18.AUG.2022 18:50:18

Highest Band Edge / 1 RB



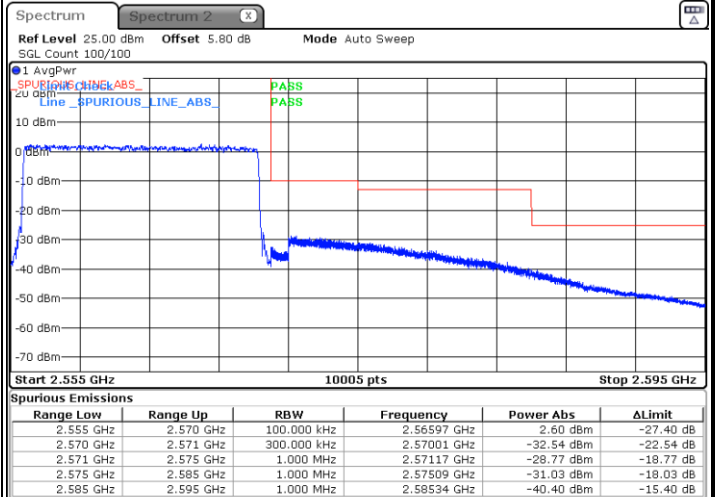
Date: 18.AUG.2022 18:58:31

Lowest Band Edge / Full RB



Date: 18.AUG.2022 18:54:56

Highest Band Edge / Full RB

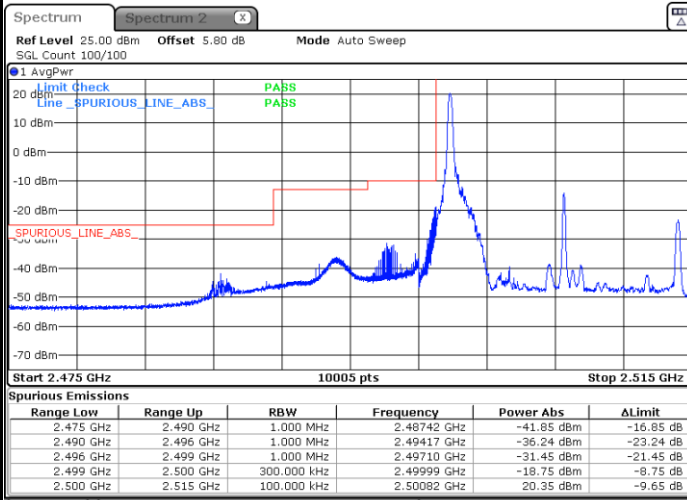


Date: 18.AUG.2022 19:02:46

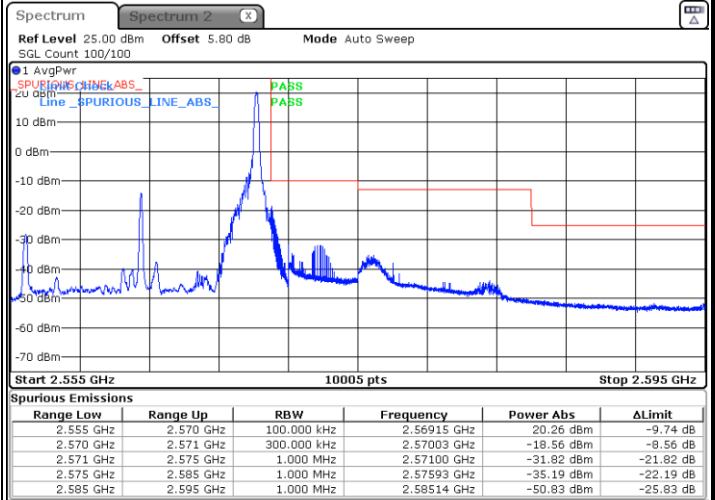


LTE Band 7 / 15MHz / 16QAM

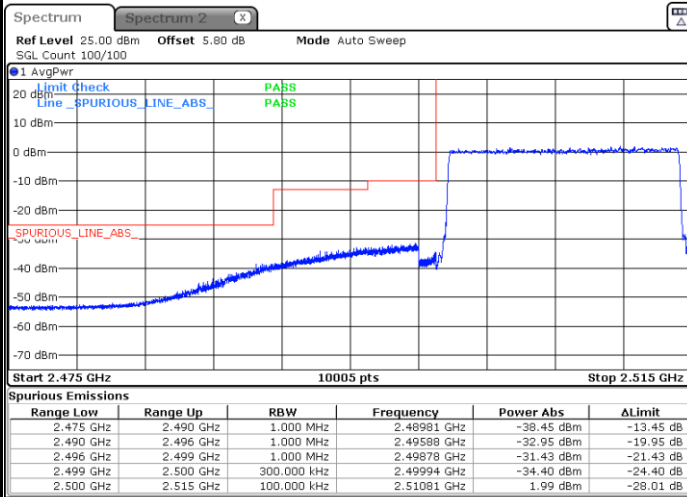
Lowest Band Edge / 1 RB



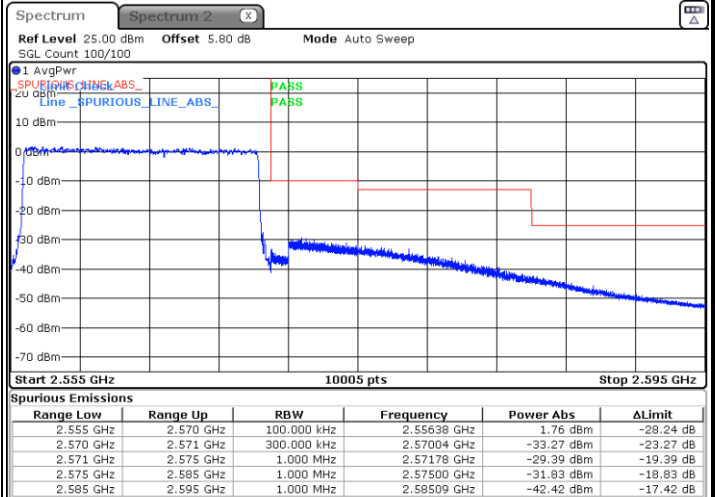
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



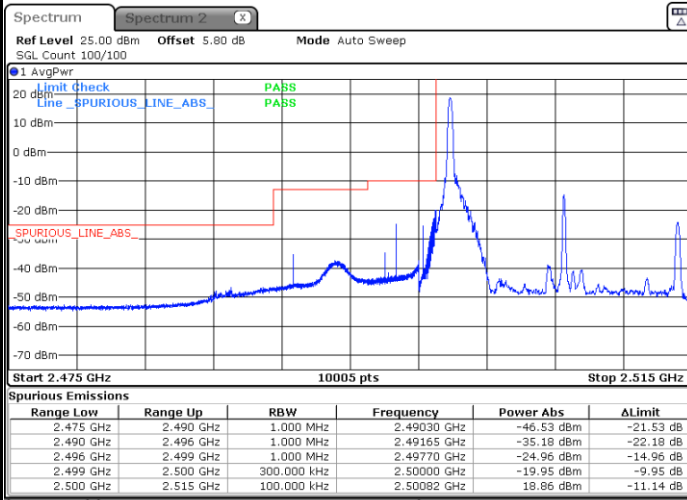
Highest Band Edge / Full RB





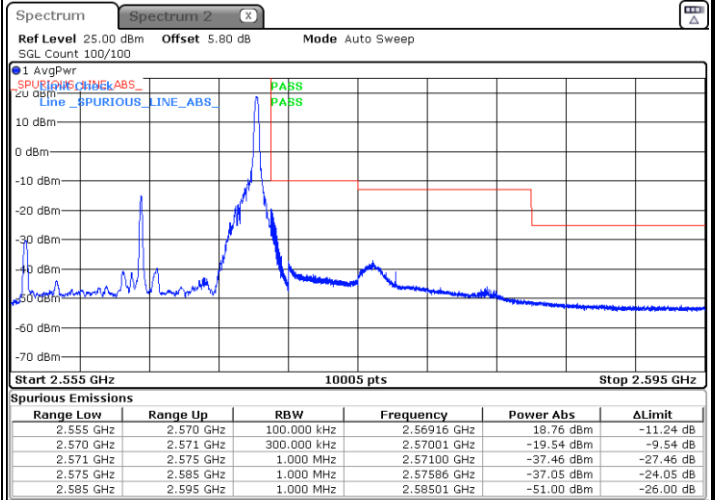
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



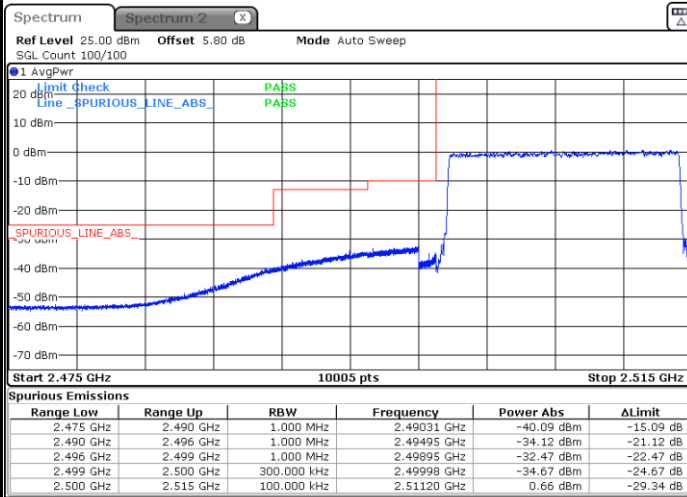
Date: 18.AUG.2022 18:52:09

Highest Band Edge / 1 RB



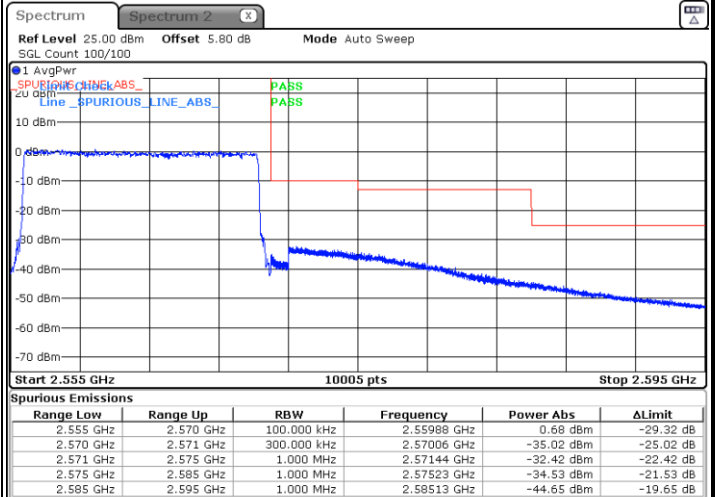
Date: 18.AUG.2022 19:00:21

Lowest Band Edge / Full RB



Date: 18.AUG.2022 18:53:05

Highest Band Edge / Full RB



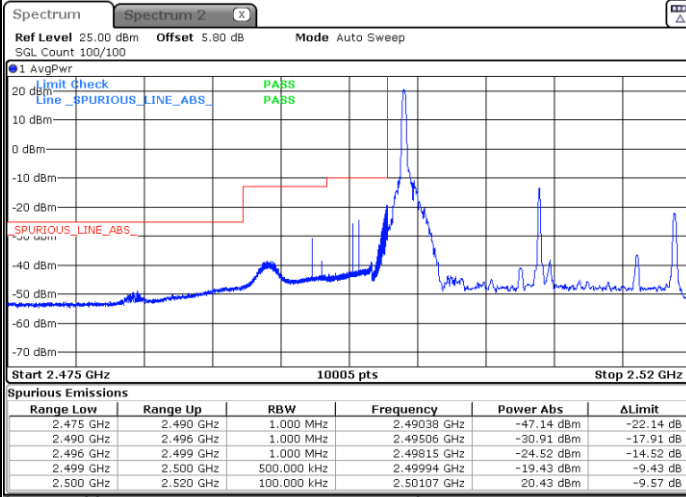
Date: 18.AUG.2022 19:01:45



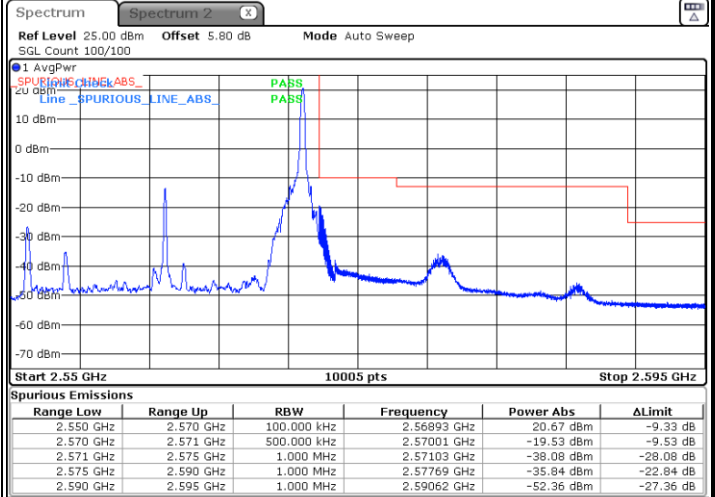
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



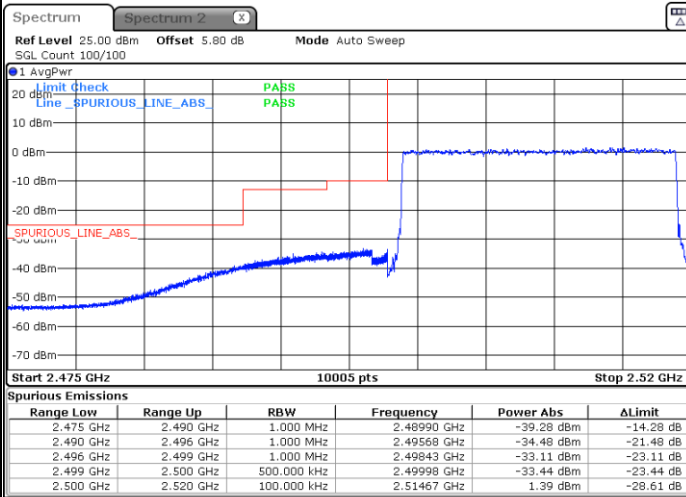
Date: 18.AUG.2022 19:04:38



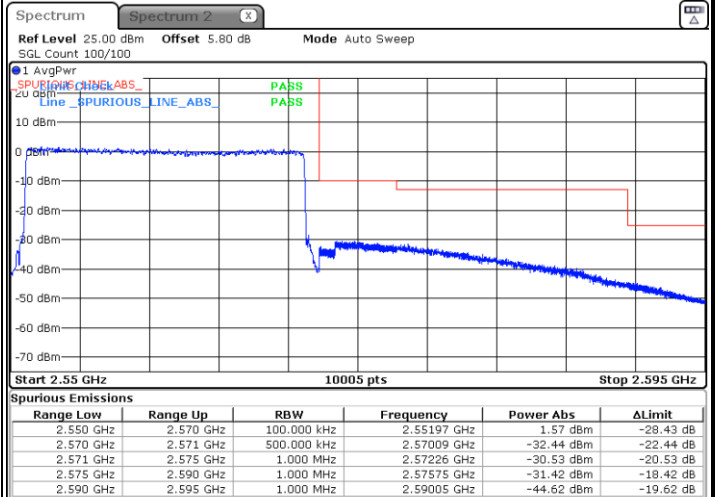
Date: 18.AUG.2022 19:10:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.AUG.2022 19:07:11

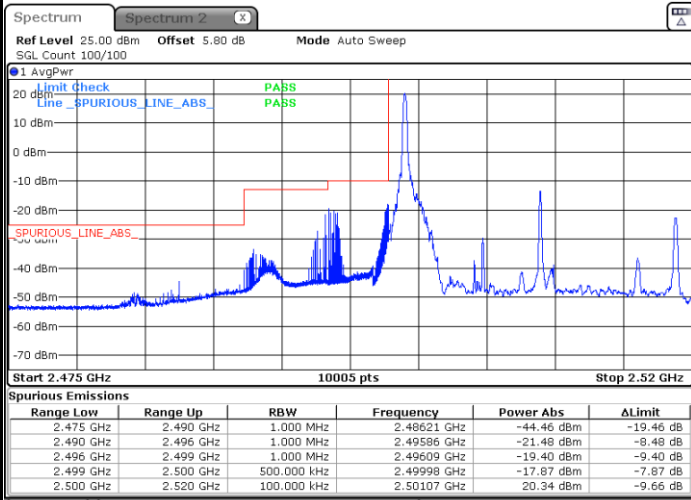


Date: 18.AUG.2022 19:12:53



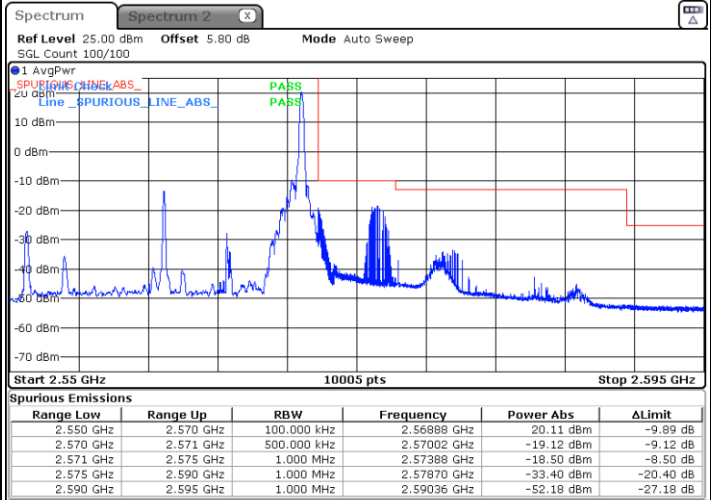
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



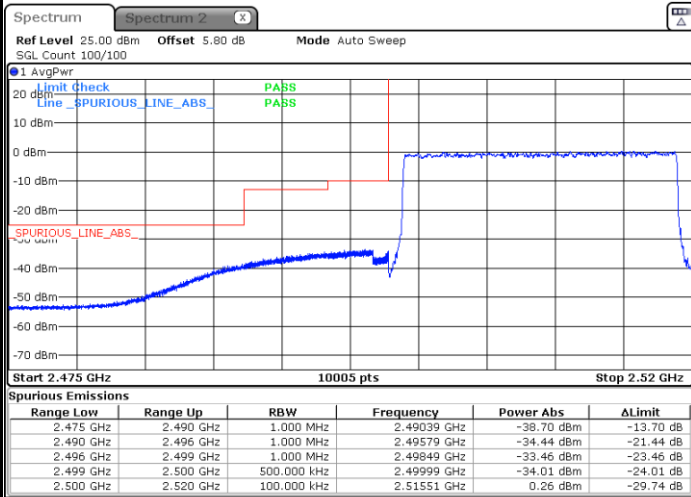
Date: 18.AUG.2022 19:05:08

Highest Band Edge / 1 RB



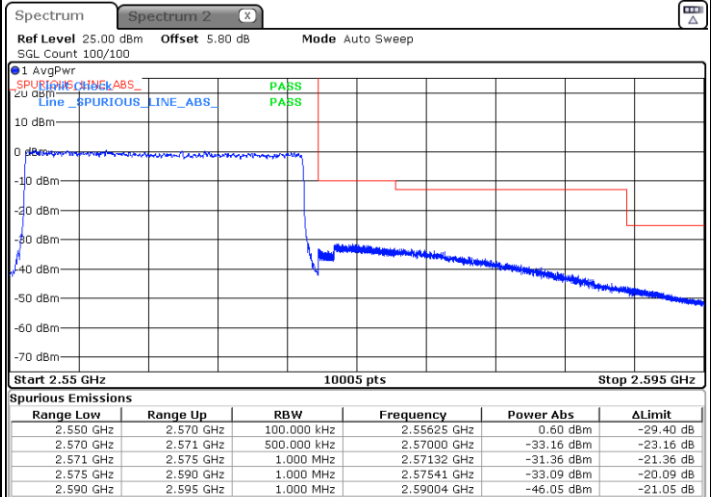
Date: 18.AUG.2022 19:10:51

Lowest Band Edge / Full RB



Date: 18.AUG.2022 19:06:40

Highest Band Edge / Full RB

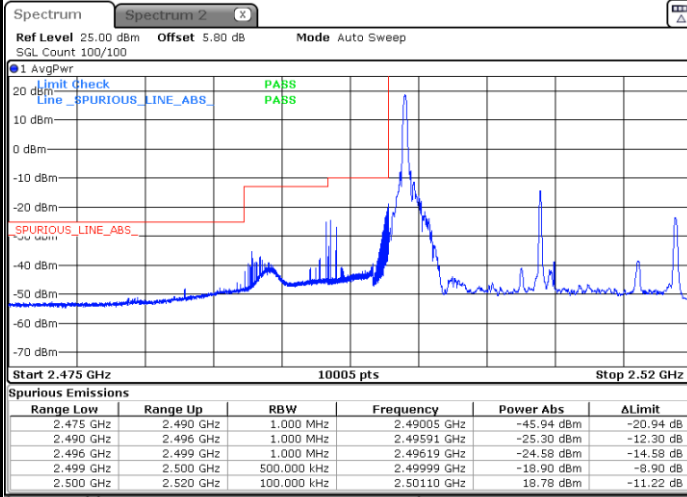


Date: 18.AUG.2022 19:12:22



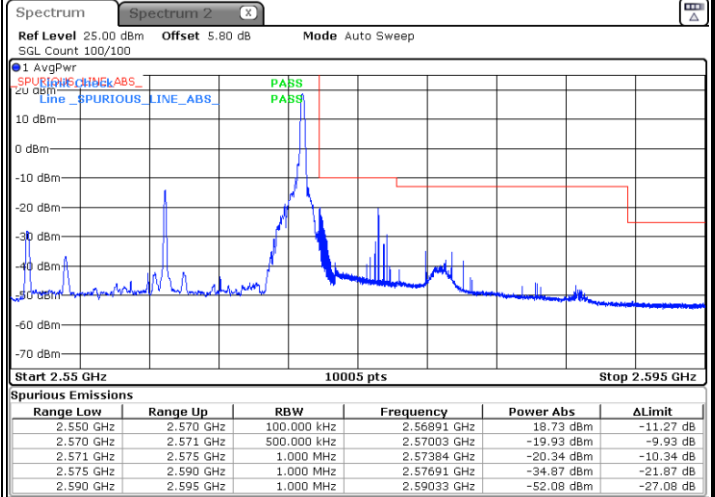
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



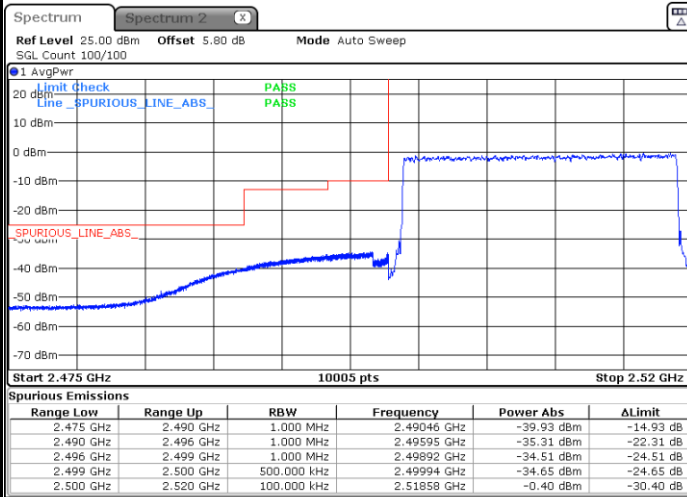
Date: 18.AUG.2022 19:05:39

Highest Band Edge / 1 RB



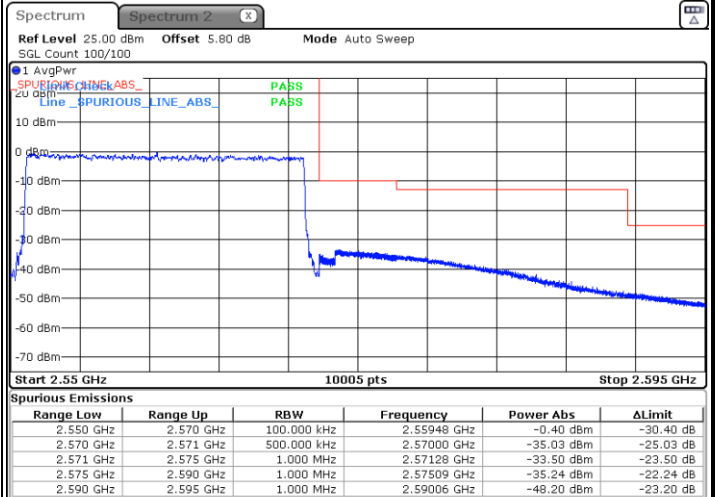
Date: 18.AUG.2022 19:11:22

Lowest Band Edge / Full RB



Date: 18.AUG.2022 19:06:10

Highest Band Edge / Full RB



Date: 18.AUG.2022 19:11:52



Conducted Spurious Emission

