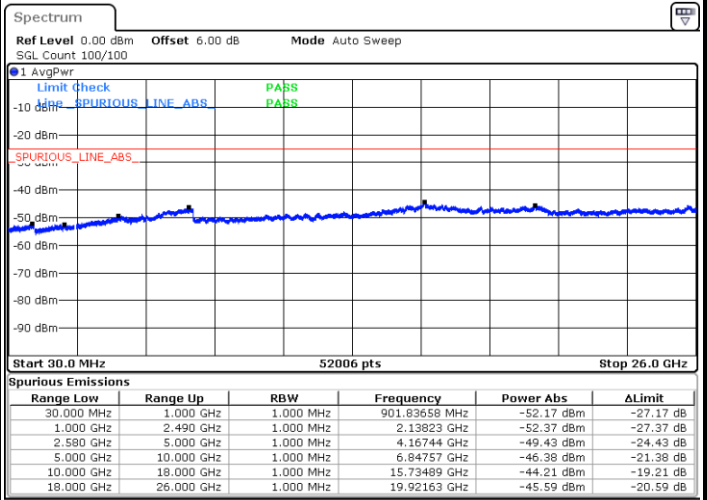
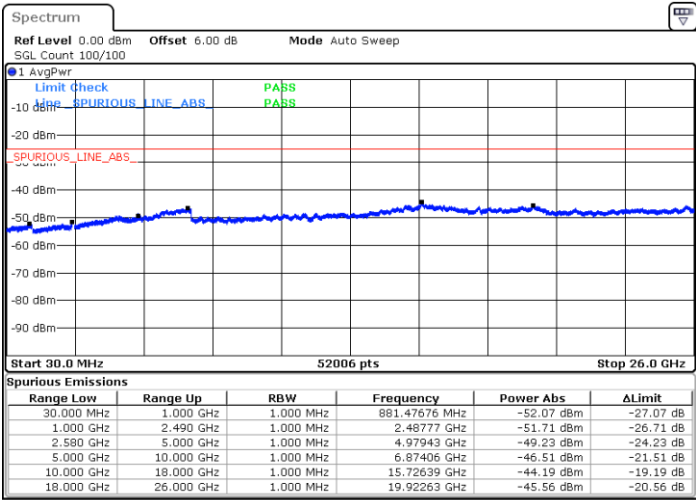




LTE Band 7 / 10MHz

Lowest Channel / QPSK

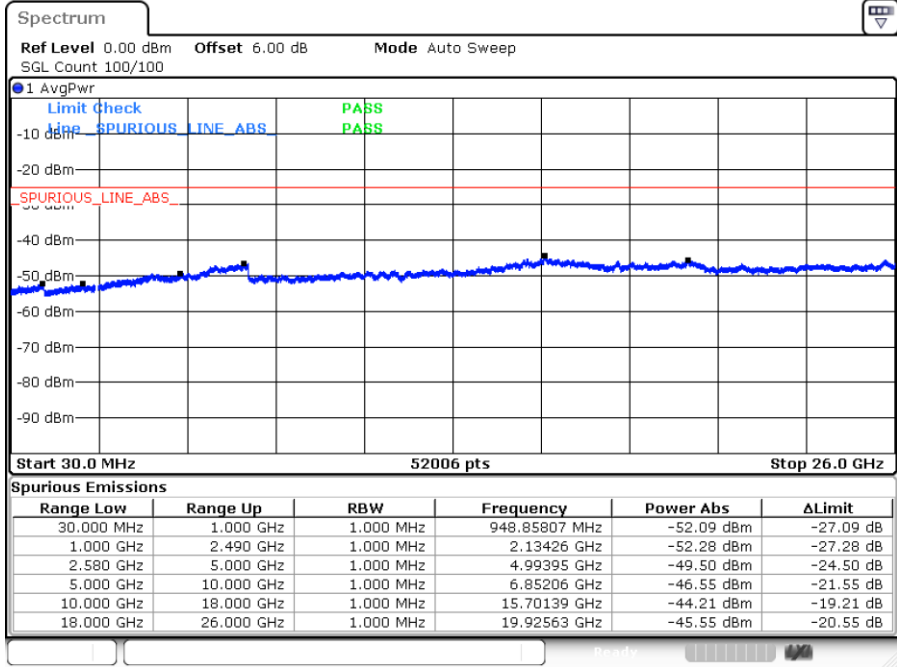
Middle Channel / QPSK



Date: 11.OCT.2022 10:31:49

Date: 11.OCT.2022 10:41:22

Highest Channel / QPSK



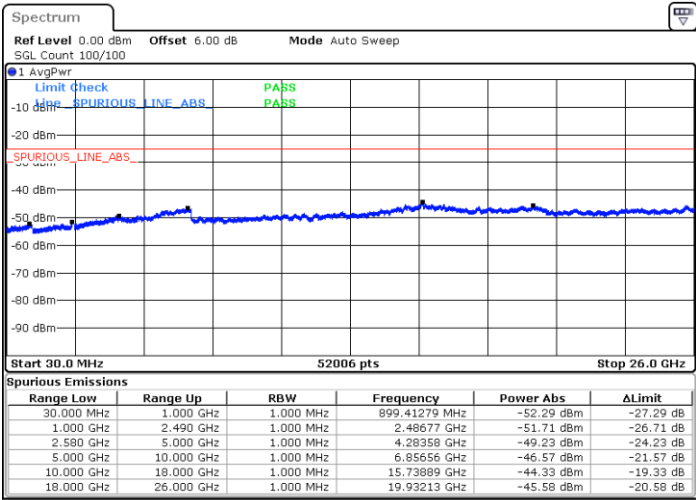
Date: 11.OCT.2022 10:42:43



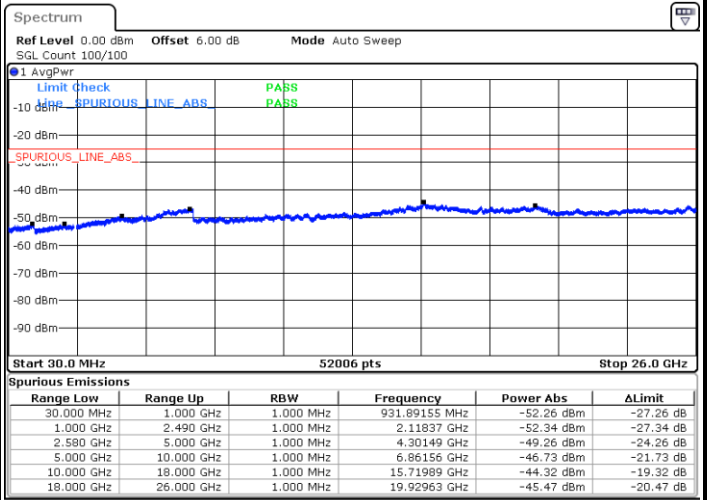
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

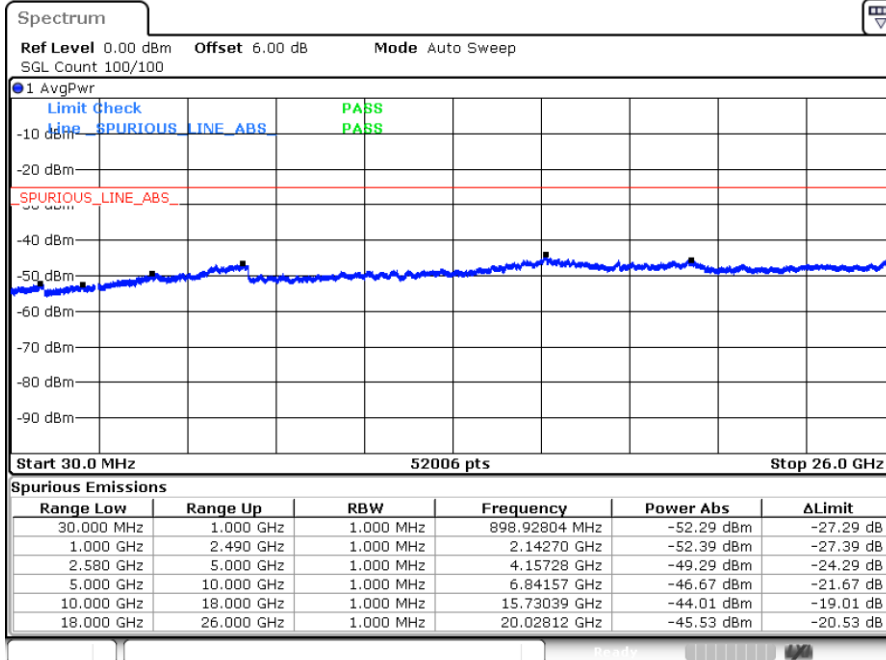


Date: 11.OCT.2022 10:52:16



Date: 11.OCT.2022 11:01:49

Highest Channel / QPSK



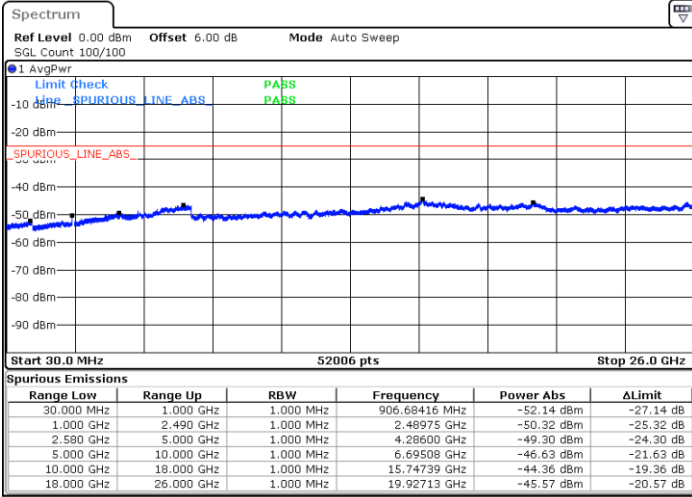
Date: 11.OCT.2022 11:03:10



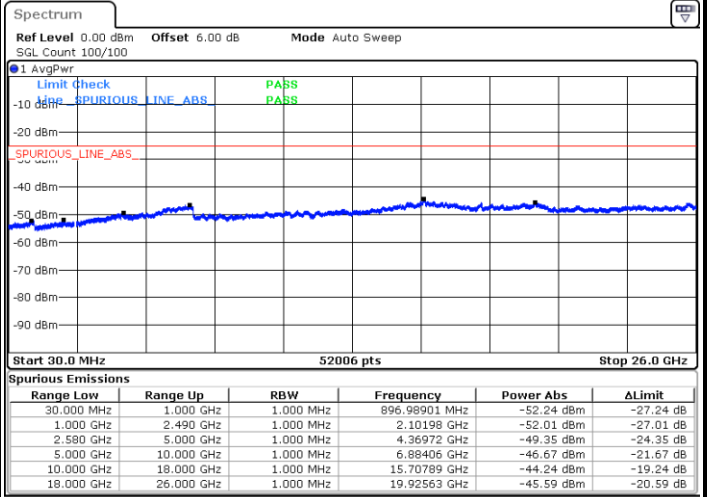
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

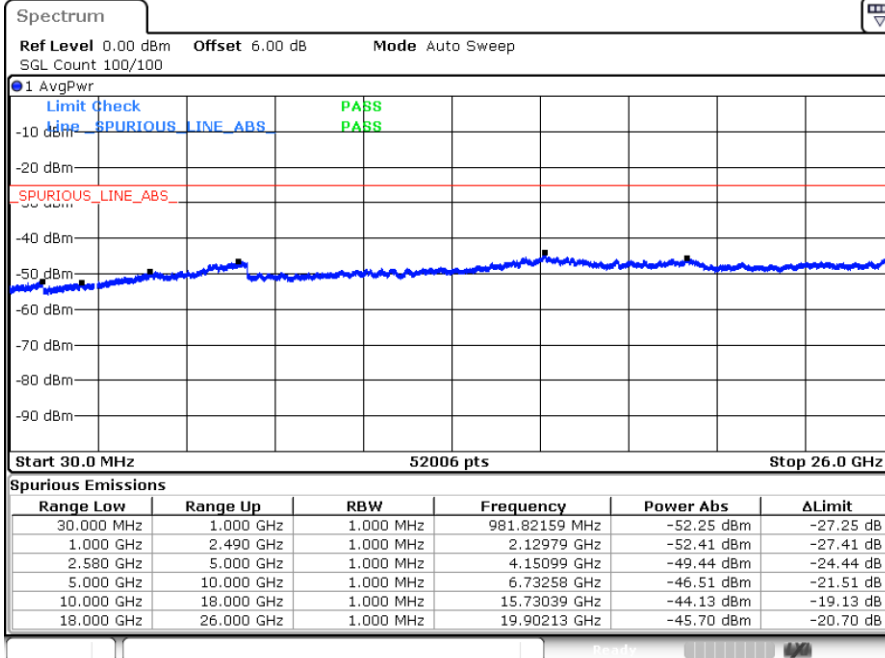


Date: 11.OCT.2022 11:12:43



Date: 11.OCT.2022 11:22:17

Highest Channel / QPSK



Date: 11.OCT.2022 11:23:38



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0007	

Note:

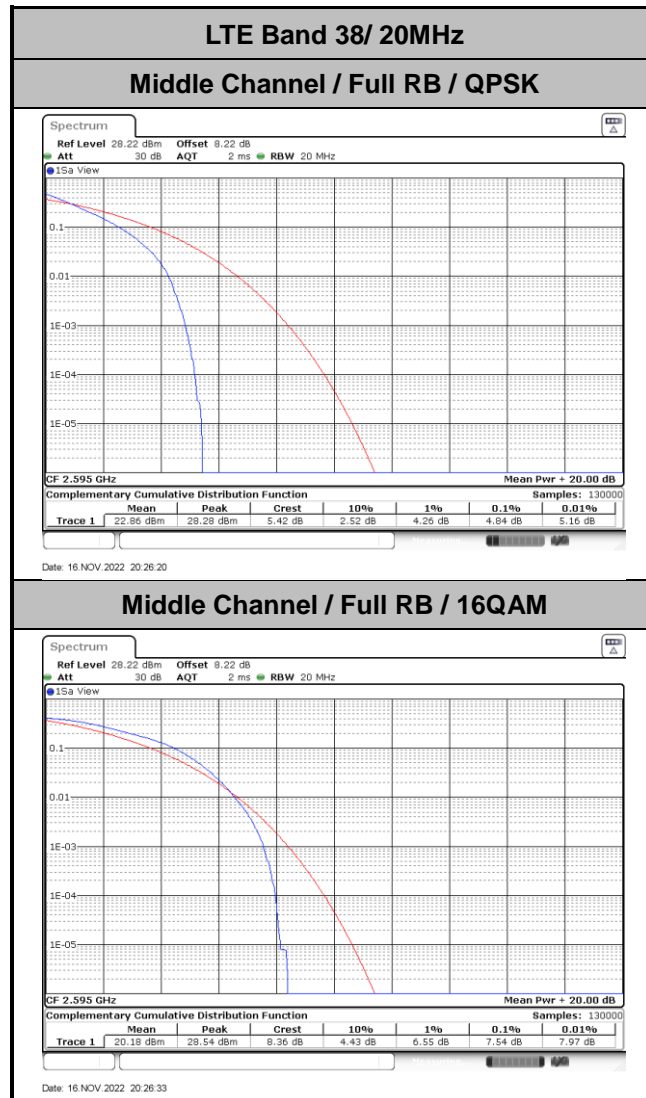
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

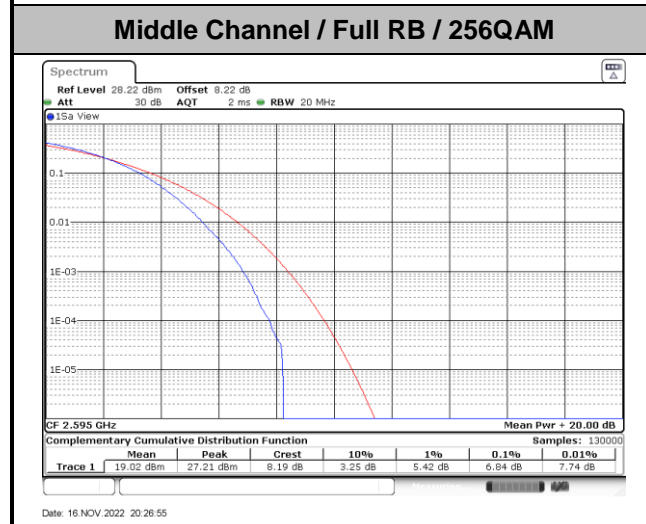
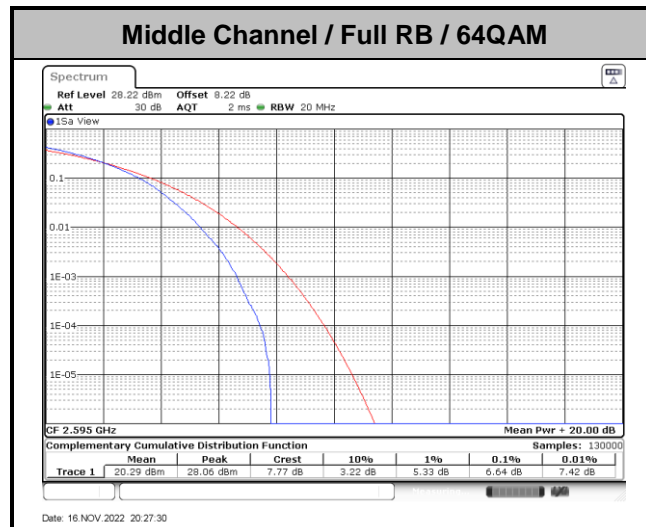


LTE Band 38

Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.84	7.54	6.64	6.84	PASS

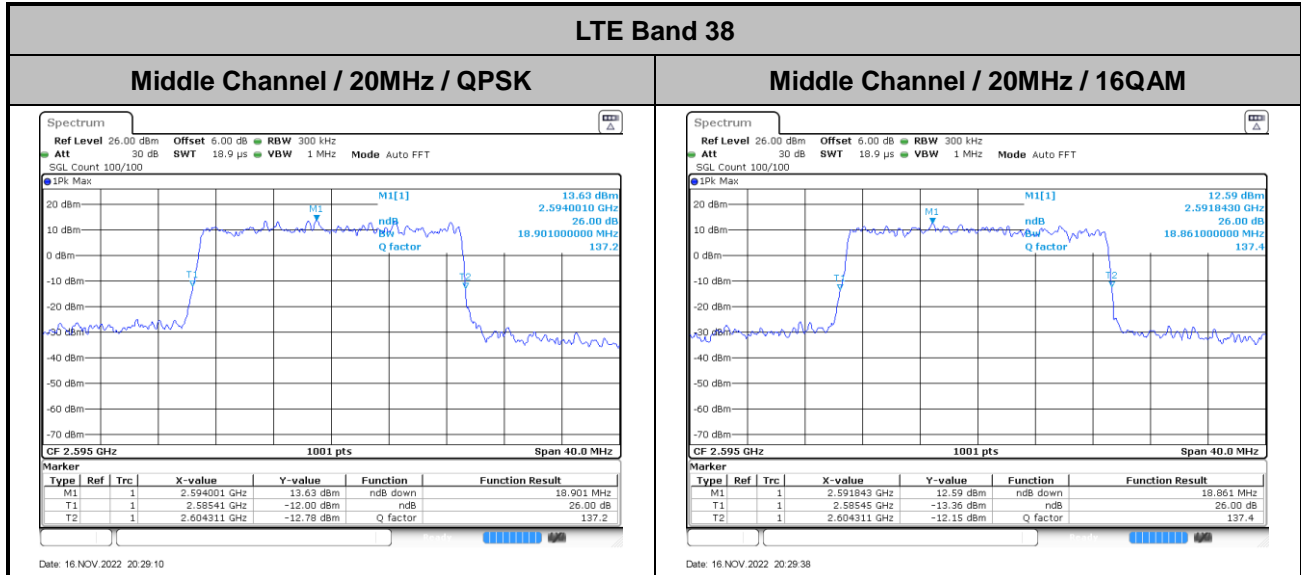






26dB Bandwidth

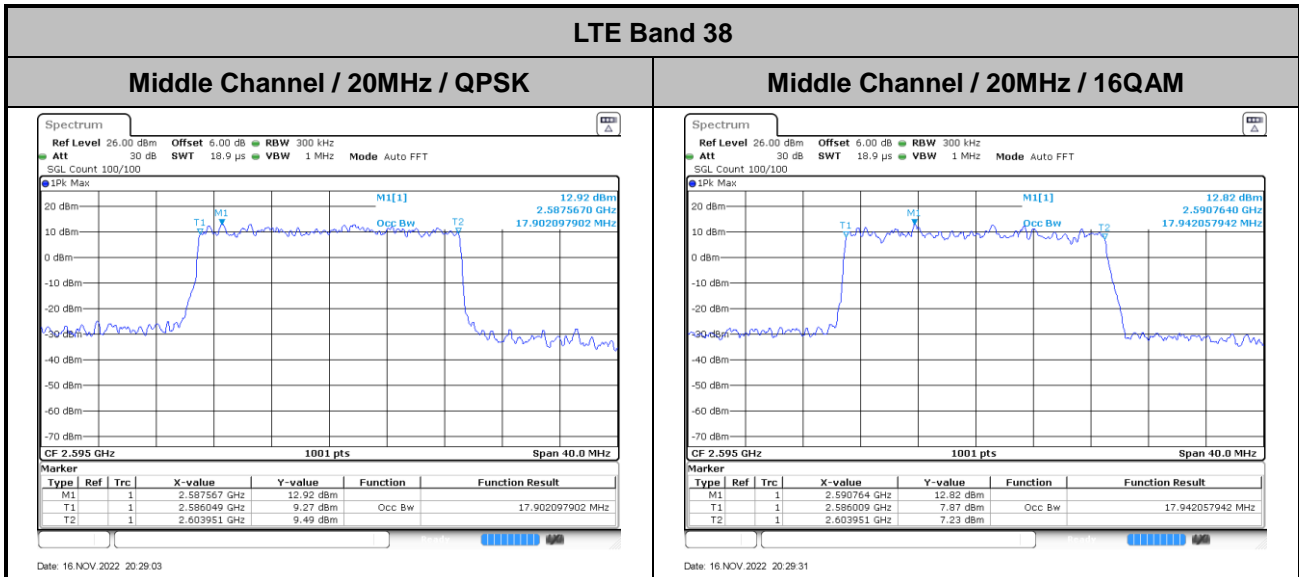
Mode	LTE Band 38 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.90	18.86





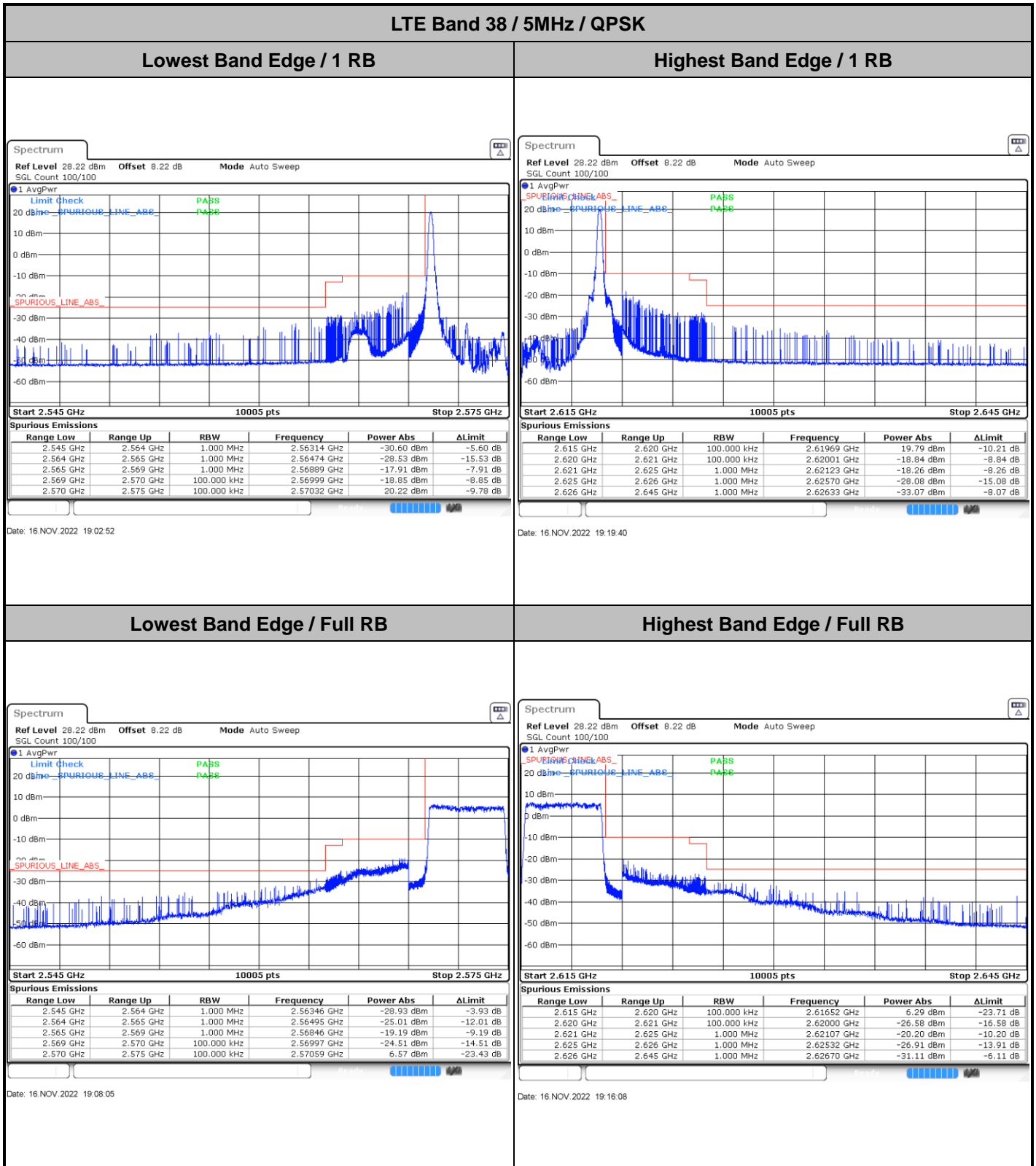
Occupied Bandwidth

Mode	LTE Band 38 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.94





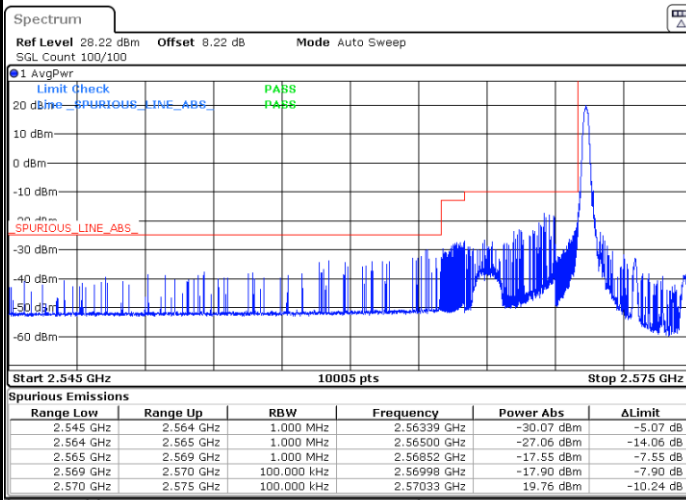
Conducted Band Edge





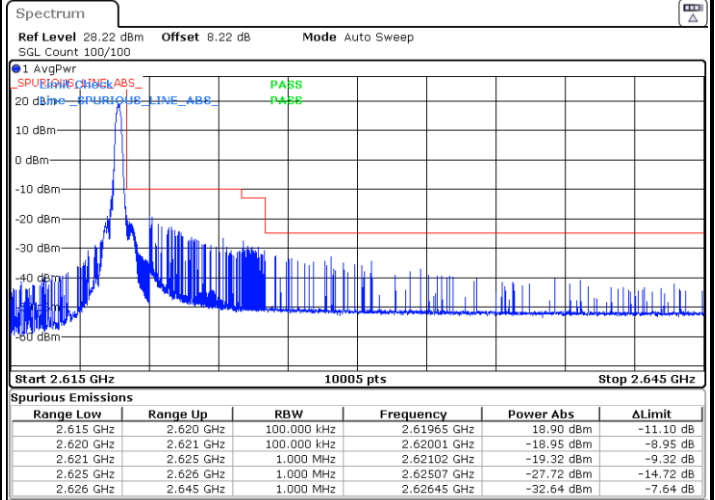
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



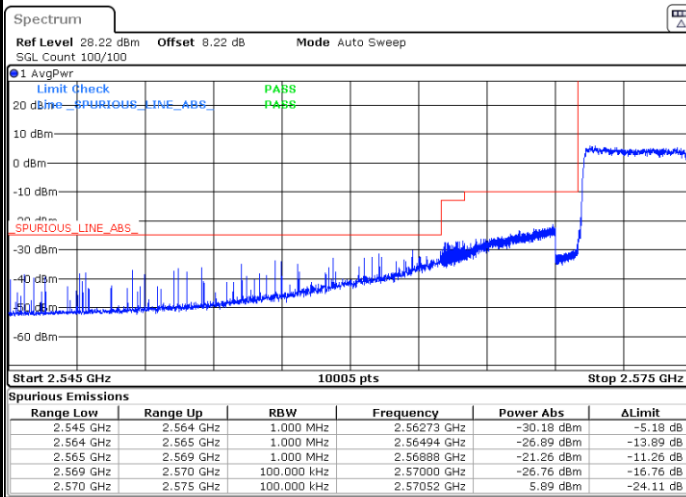
Date: 16 NOV 2022 19:03:16

Highest Band Edge / 1 RB



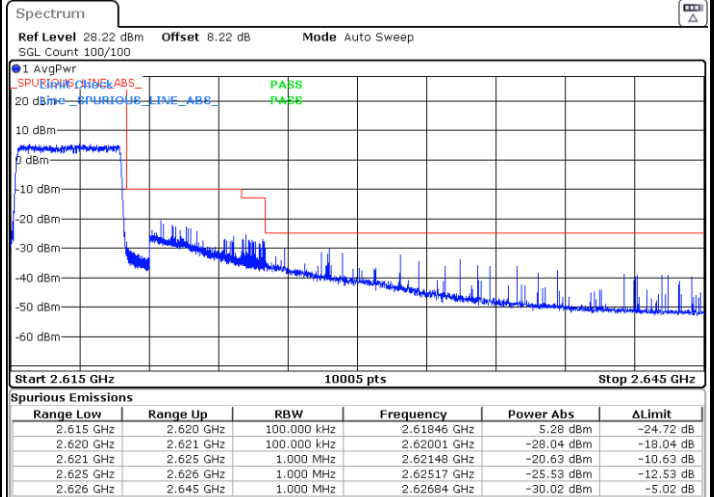
Date: 16 NOV 2022 19:19:20

Lowest Band Edge / Full RB



Date: 16 NOV 2022 19:07:41

Highest Band Edge / Full RB

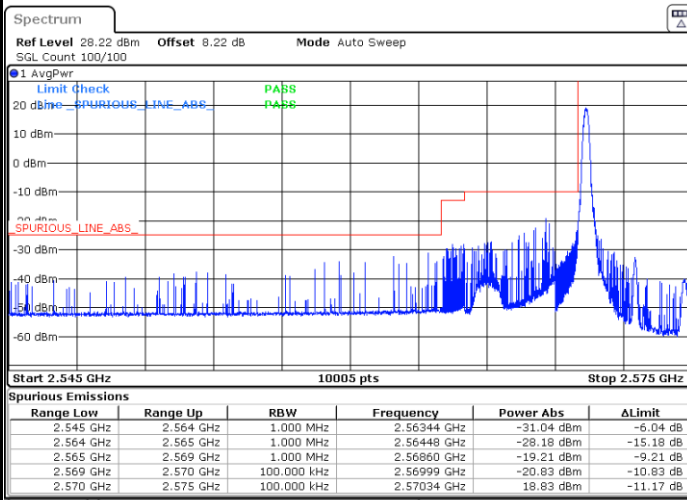


Date: 16 NOV 2022 19:16:32



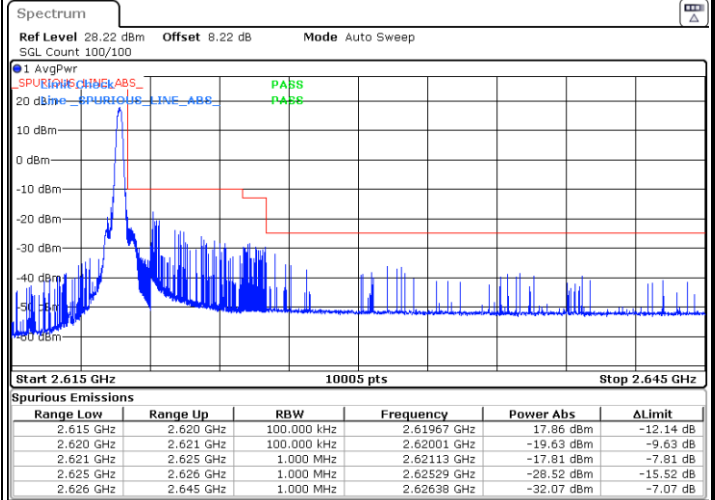
LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



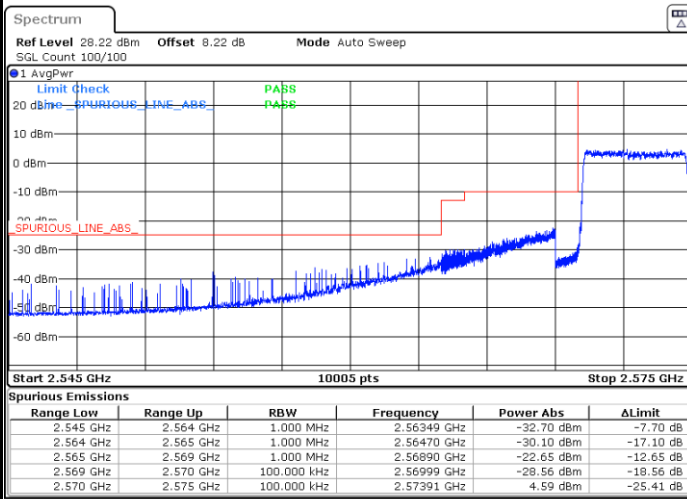
Date: 16 NOV 2022 19:06:04

Highest Band Edge / 1 RB



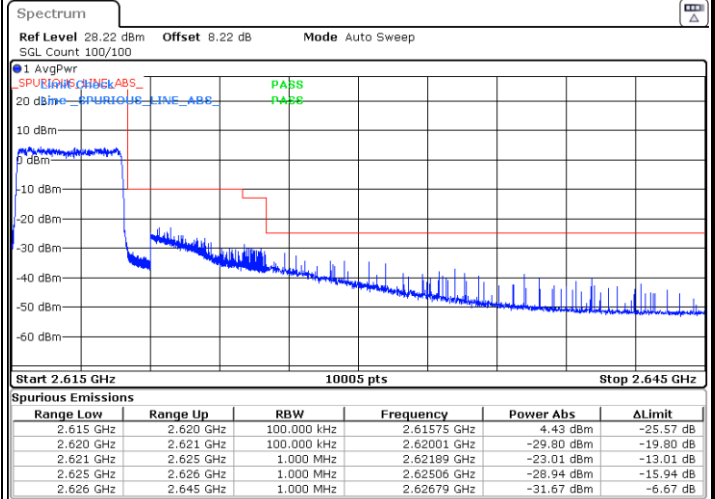
Date: 16 NOV 2022 19:18:43

Lowest Band Edge / Full RB



Date: 16 NOV 2022 19:07:18

Highest Band Edge / Full RB

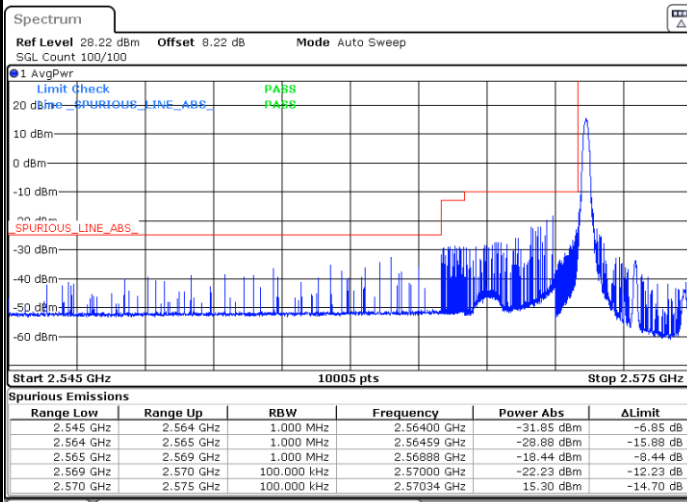


Date: 16 NOV 2022 19:17:46



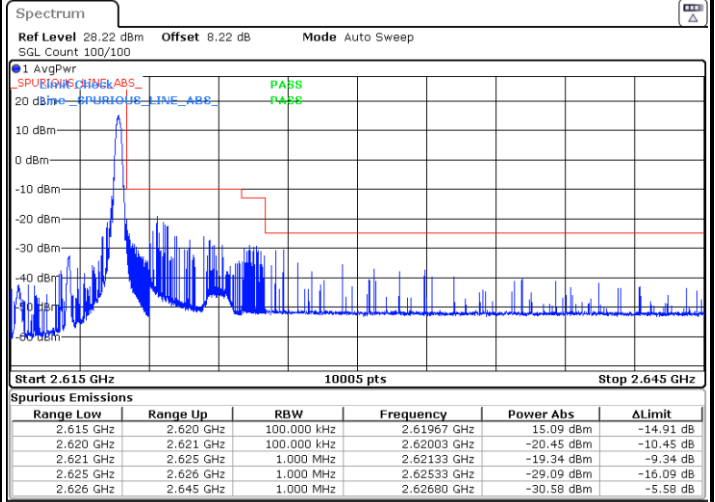
LTE Band 38 / 5MHz / 256QAM

Lowest Band Edge / 1RB



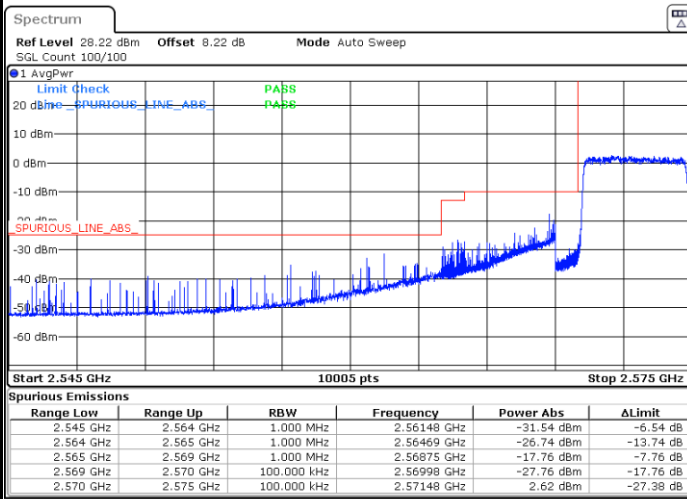
Date: 16 NOV 2022 19:05:04

Highest Band Edge / 1 RB



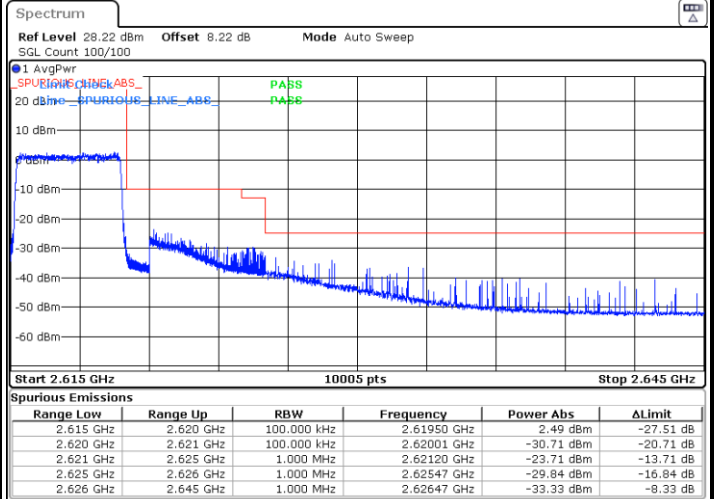
Date: 16 NOV 2022 19:18:18

Lowest Band Edge / Full RB



Date: 16 NOV 2022 19:06:39

Highest Band Edge / Full RB



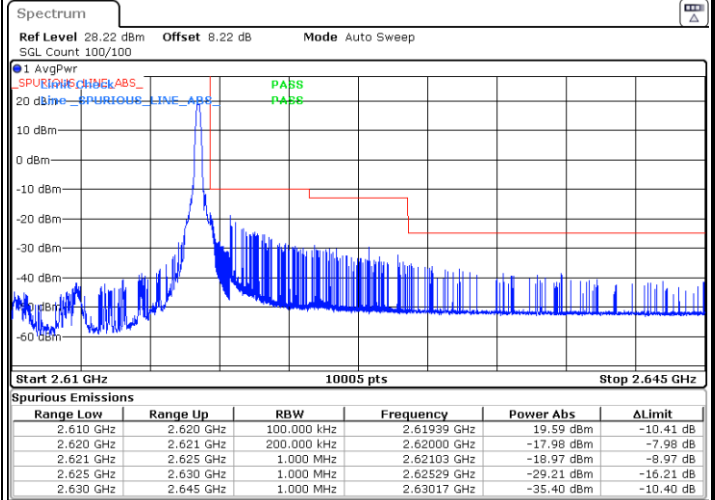
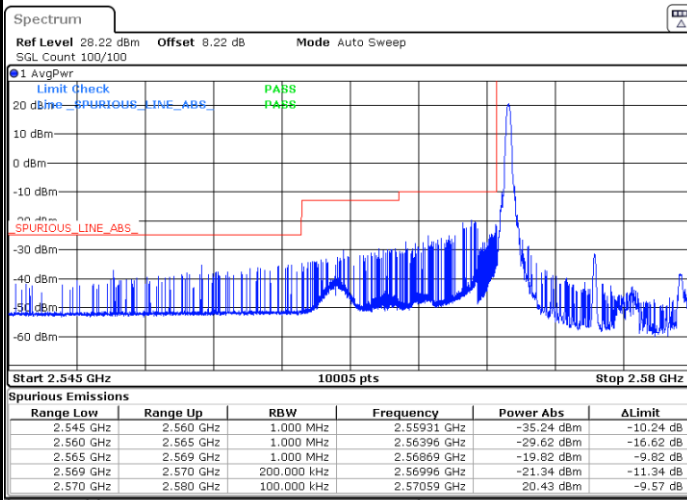
Date: 16 NOV 2022 19:16:58



LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

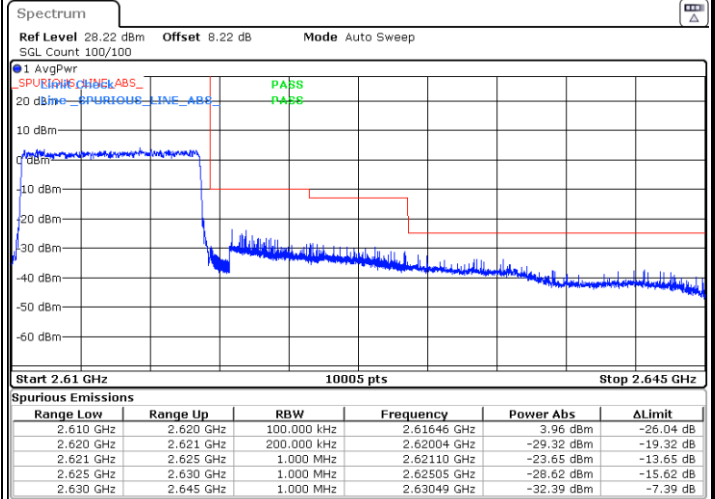
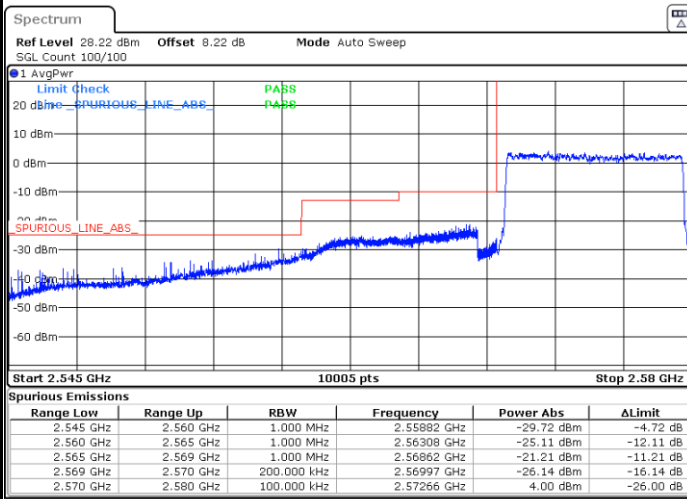


Date: 16 NOV 2022 19:21:53

Date: 16 NOV 2022 19:31:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



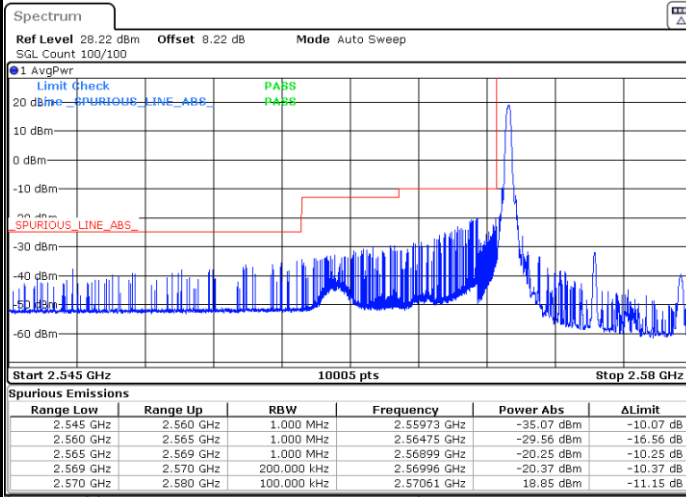
Date: 16 NOV 2022 19:24:20

Date: 16 NOV 2022 19:29:24



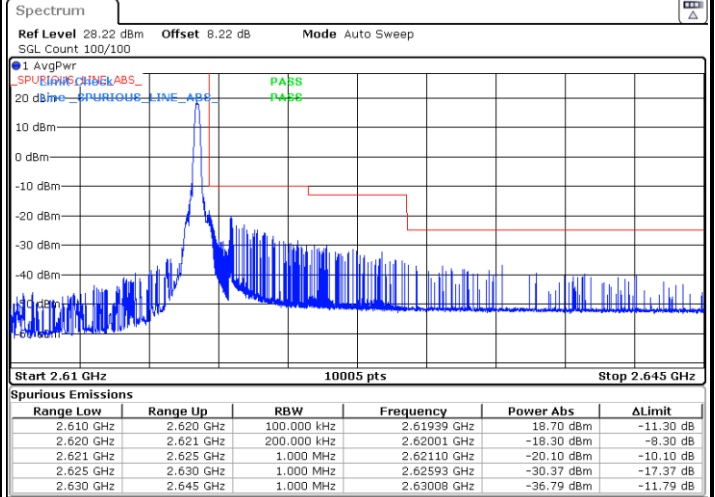
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



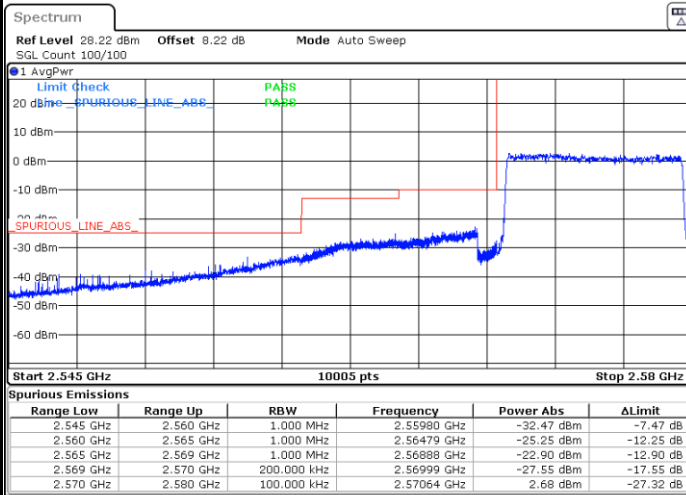
Date: 16 NOV 2022 19:22:21

Highest Band Edge / 1 RB



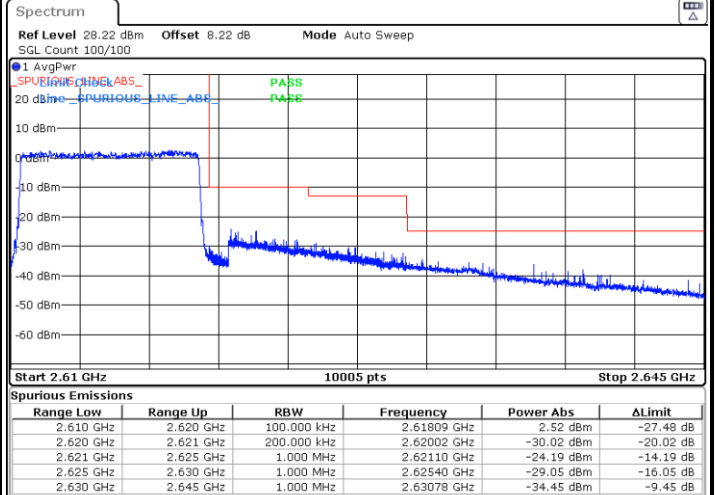
Date: 16 NOV 2022 19:31:33

Lowest Band Edge / Full RB



Date: 16 NOV 2022 19:24:02

Highest Band Edge / Full RB

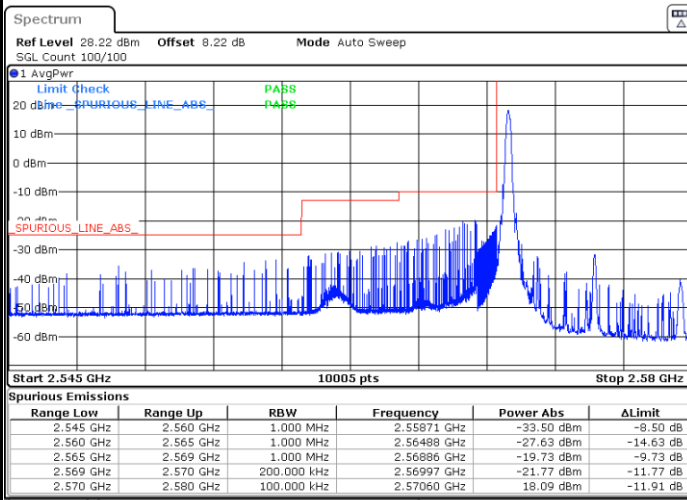


Date: 16 NOV 2022 19:29:40



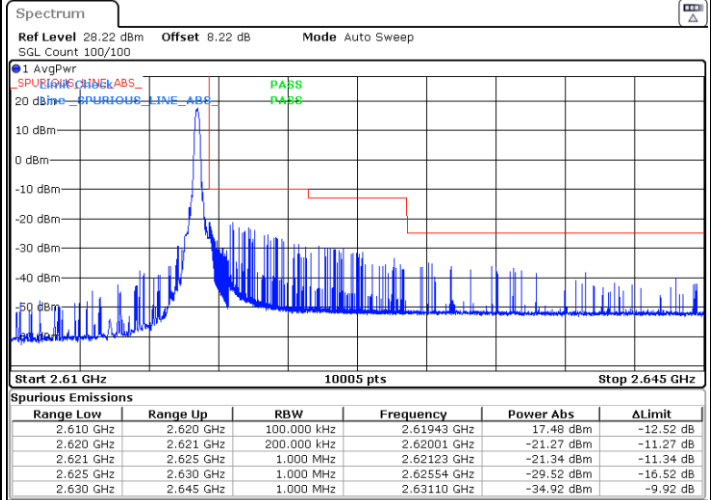
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



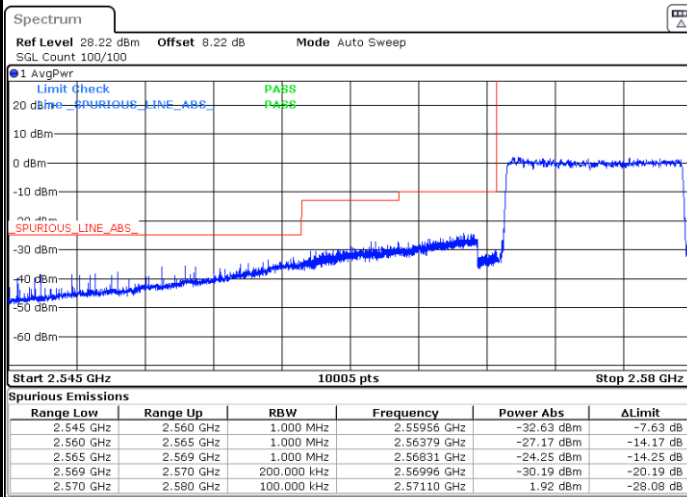
Date: 16 NOV 2022 19:23:05

Highest Band Edge / 1 RB



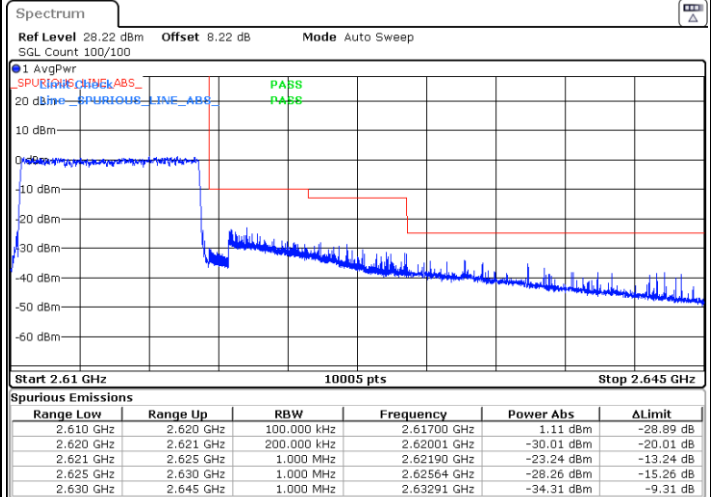
Date: 16 NOV 2022 19:31:14

Lowest Band Edge / Full RB



Date: 16 NOV 2022 19:23:44

Highest Band Edge / Full RB

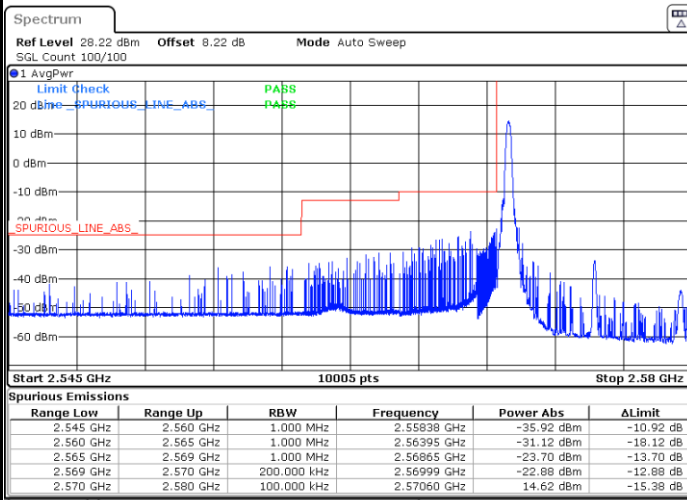


Date: 16 NOV 2022 19:30:30



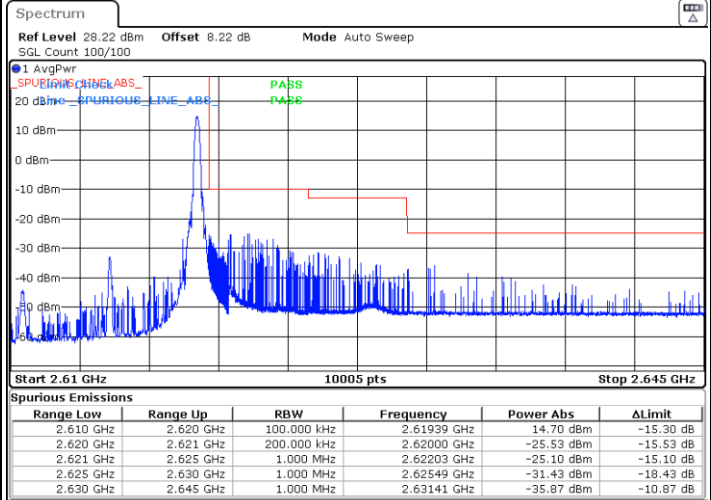
LTE Band 38 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



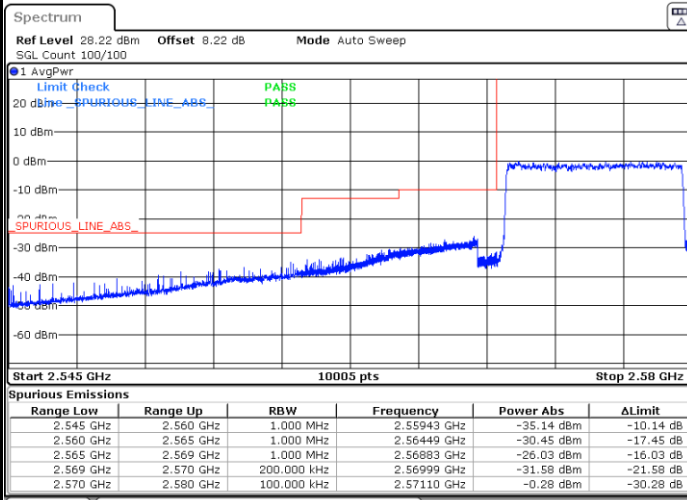
Date: 16 NOV 2022 19:22:40

Highest Band Edge / 1 RB



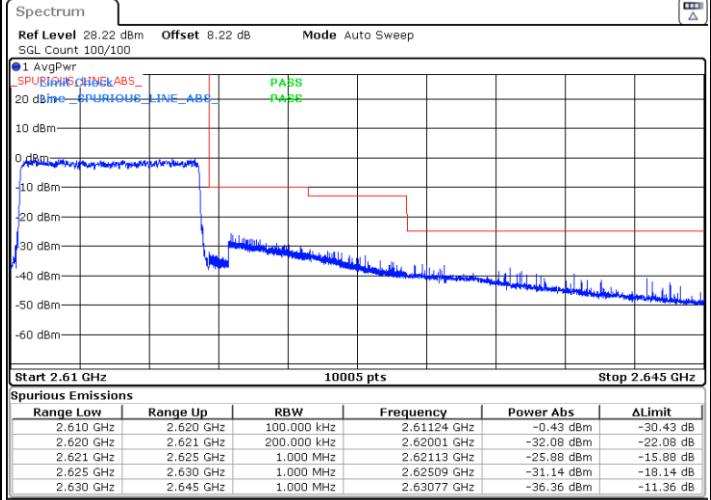
Date: 16 NOV 2022 19:30:59

Lowest Band Edge / Full RB



Date: 16 NOV 2022 19:23:28

Highest Band Edge / Full RB

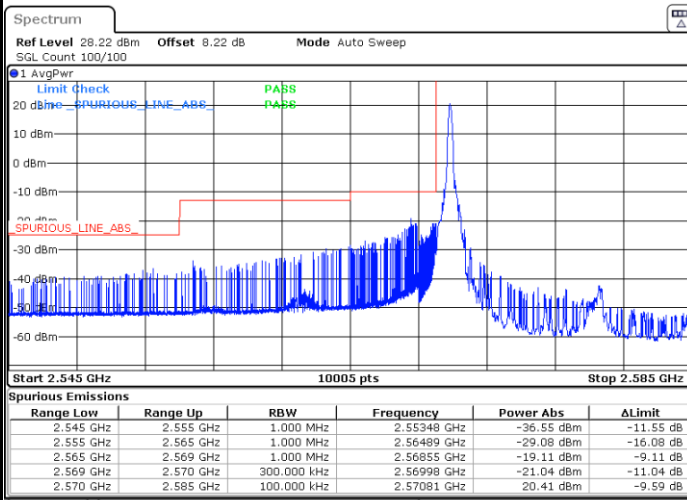


Date: 16 NOV 2022 19:29:57



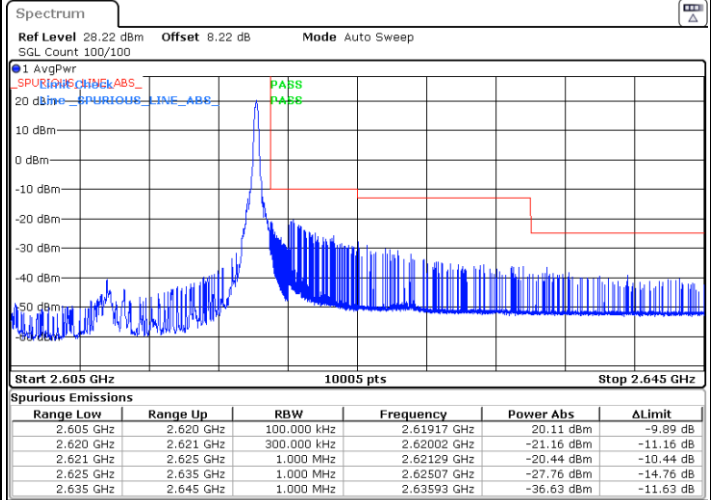
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



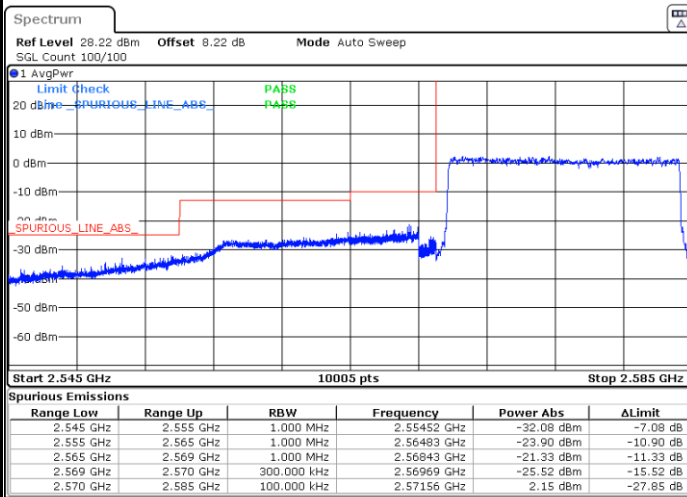
Date: 16 NOV 2022 19:52:43

Highest Band Edge / 1 RB



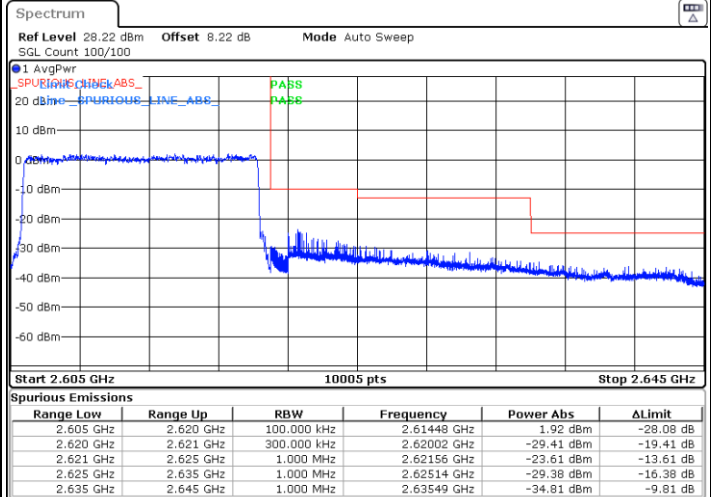
Date: 16 NOV 2022 20:05:57

Lowest Band Edge / Full RB



Date: 16 NOV 2022 19:54:42

Highest Band Edge / Full RB

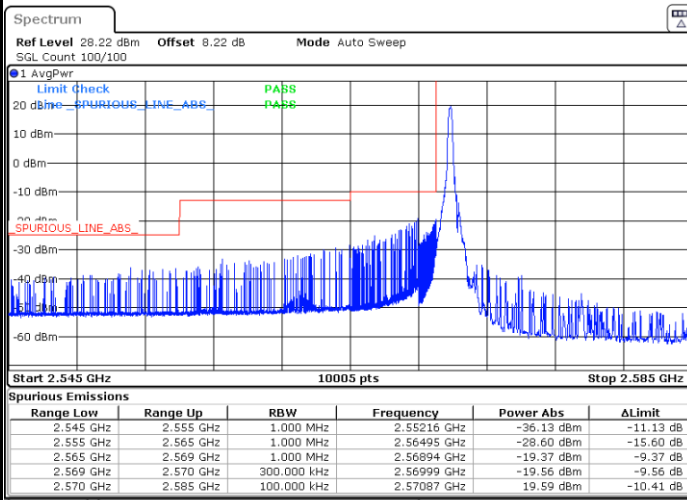


Date: 16 NOV 2022 20:02:48



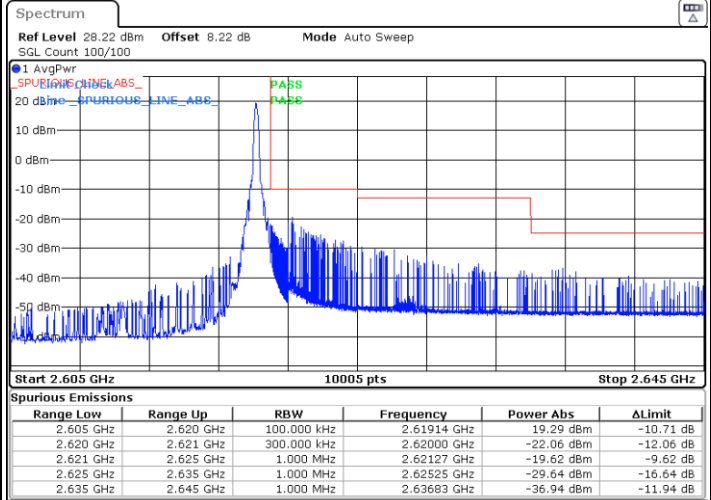
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



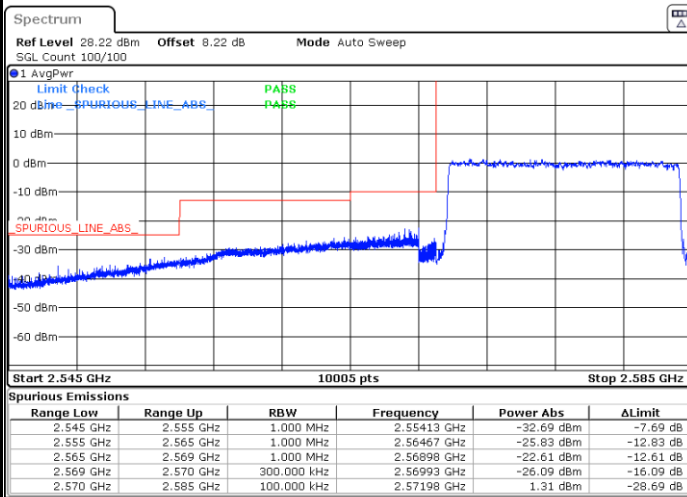
Date: 16 NOV 2022 19:52:57

Highest Band Edge / 1 RB



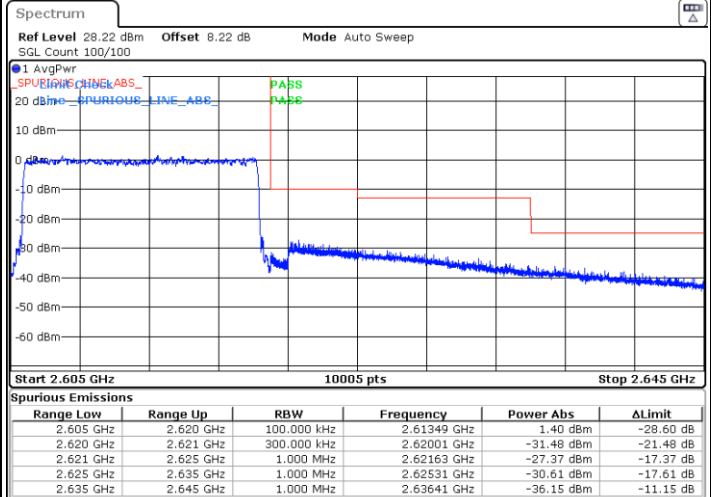
Date: 16 NOV 2022 20:05:27

Lowest Band Edge / Full RB



Date: 16 NOV 2022 19:54:29

Highest Band Edge / Full RB

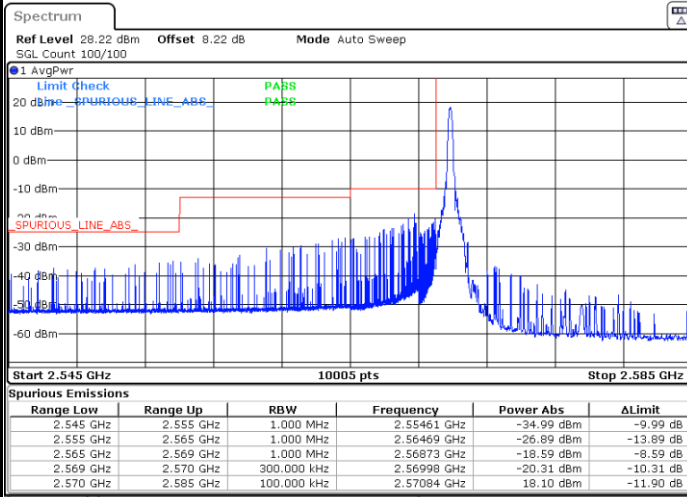


Date: 16 NOV 2022 20:03:11



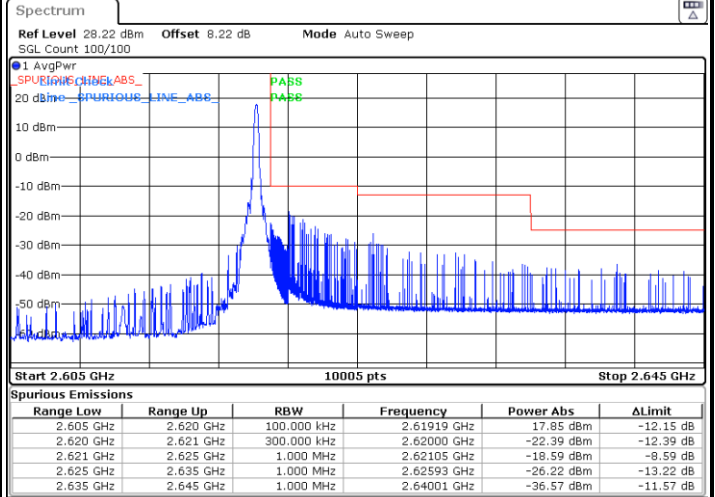
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



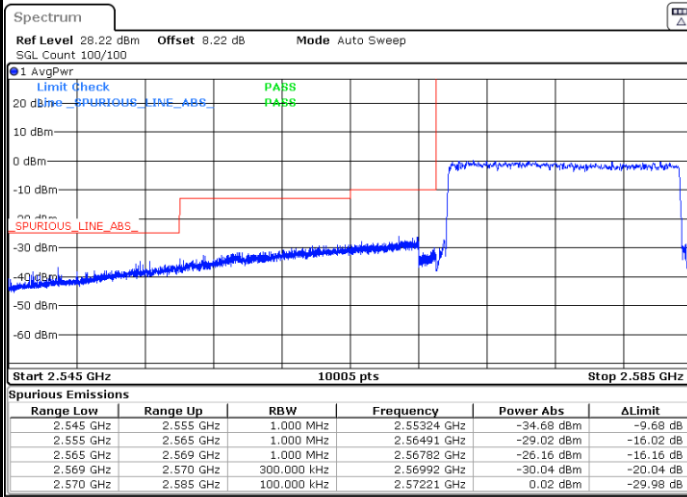
Date: 16 NOV 2022 19:53:31

Highest Band Edge / 1 RB



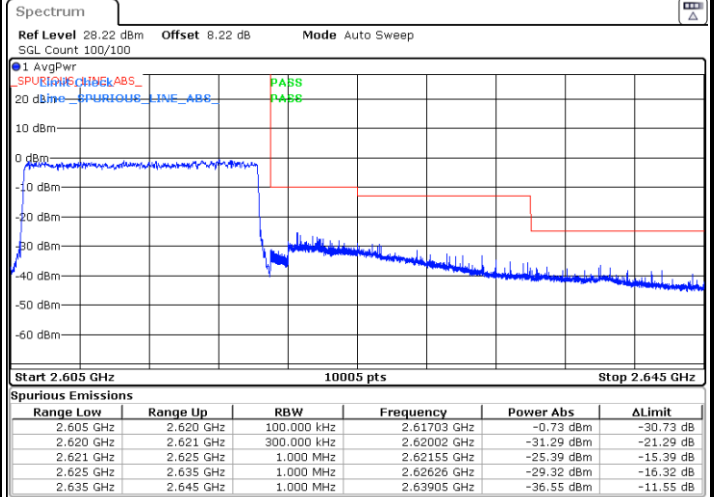
Date: 16 NOV 2022 20:04:58

Lowest Band Edge / Full RB



Date: 16 NOV 2022 19:54:11

Highest Band Edge / Full RB

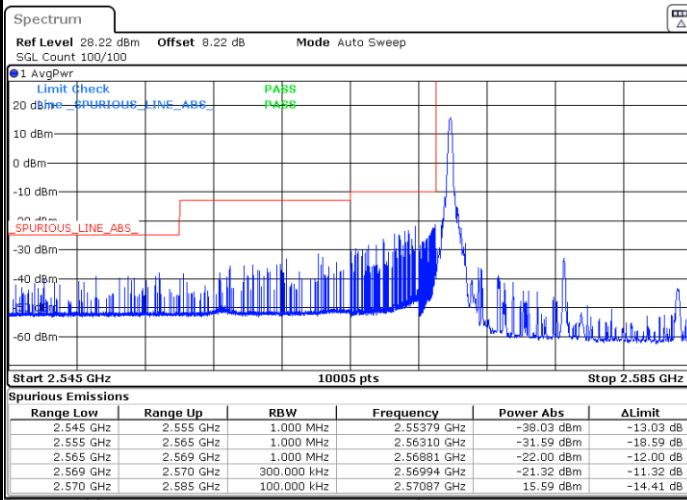


Date: 16 NOV 2022 20:04:00



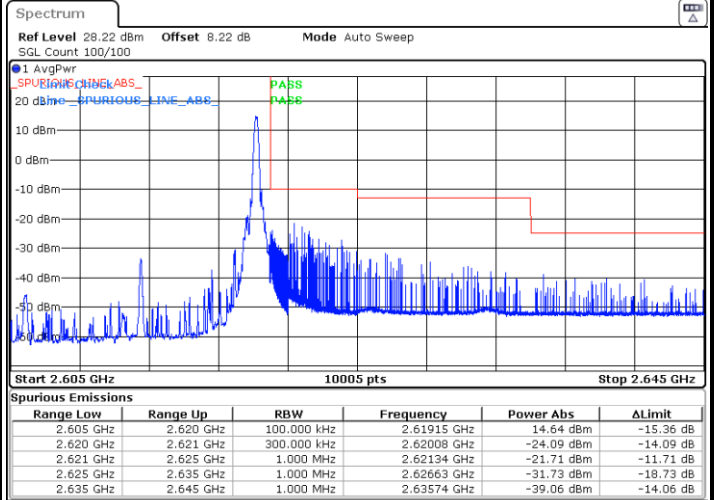
LTE Band 38 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



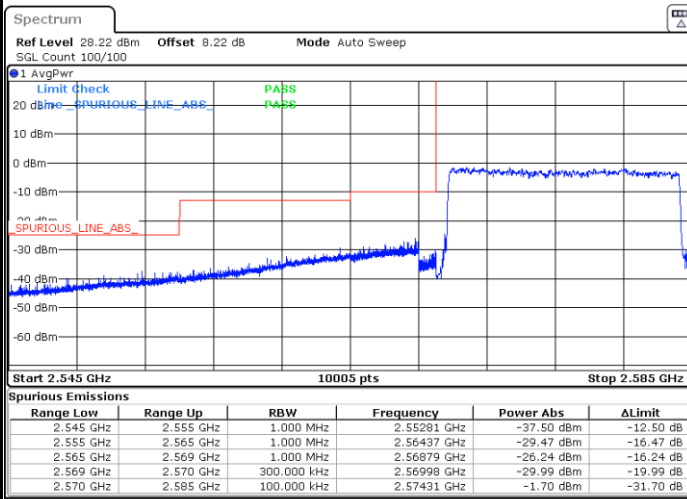
Date: 16 NOV. 2022 19:53:10

Highest Band Edge / 1 RB



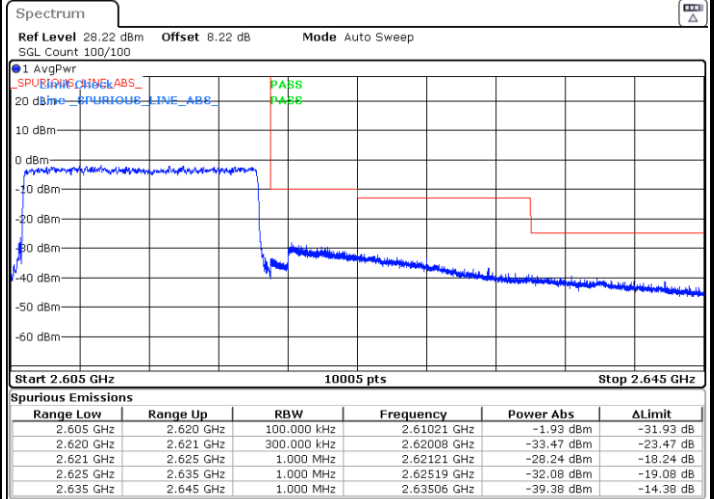
Date: 16 NOV. 2022 20:04:42

Lowest Band Edge / Full RB



Date: 16 NOV. 2022 19:53:53

Highest Band Edge / Full RB

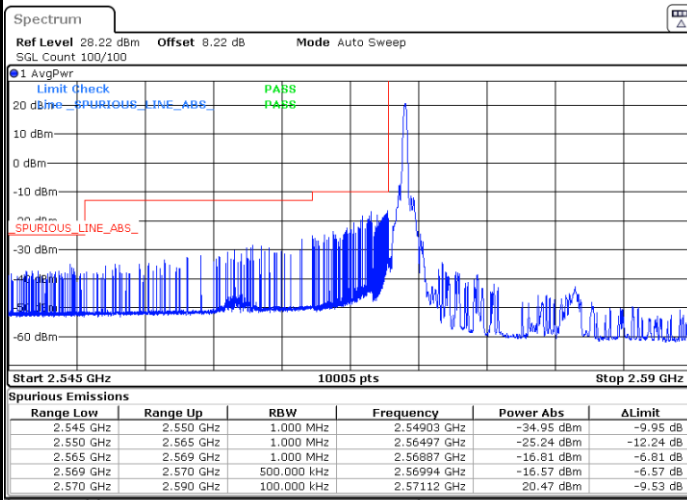


Date: 16 NOV. 2022 20:03:28



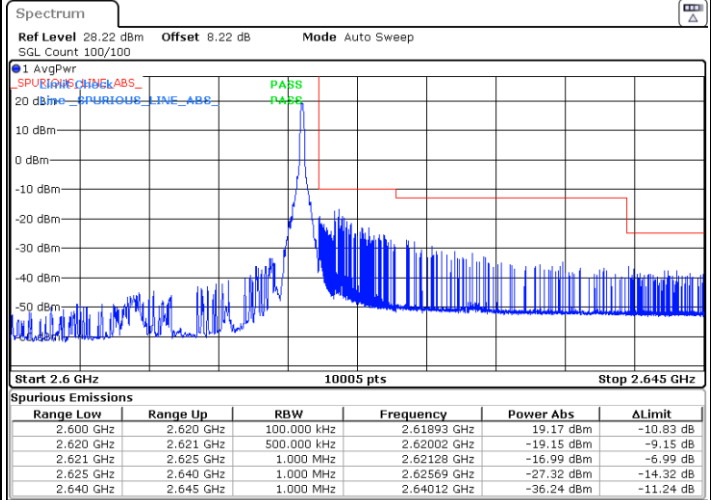
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



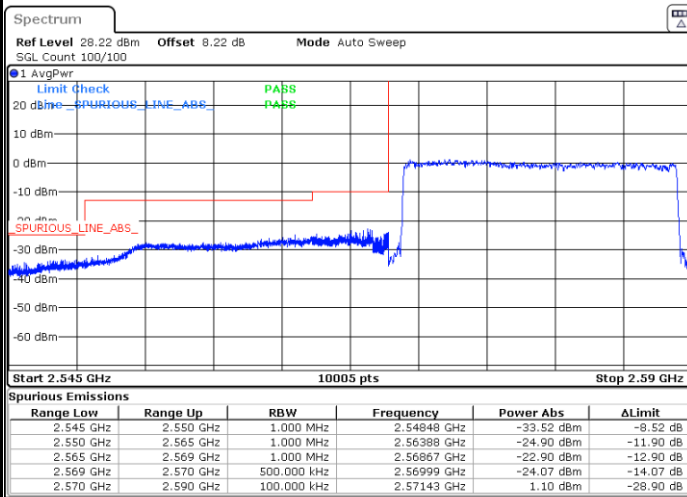
Date: 16 NOV. 2022 20:10:40

Highest Band Edge / 1 RB



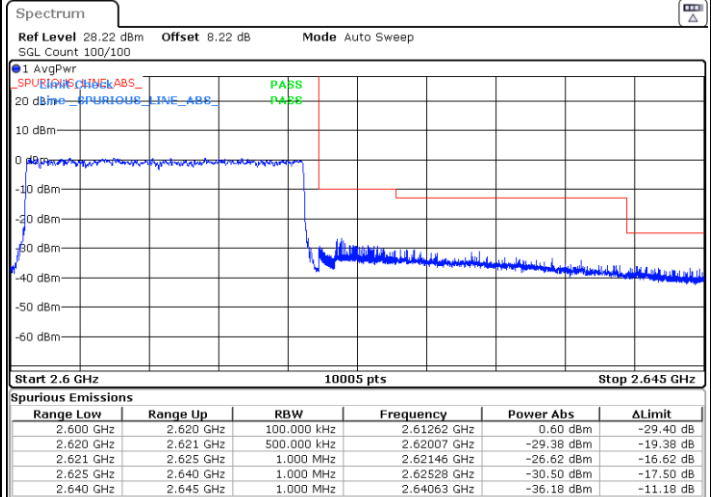
Date: 16 NOV. 2022 20:24:00

Lowest Band Edge / Full RB



Date: 16 NOV. 2022 20:13:40

Highest Band Edge / Full RB

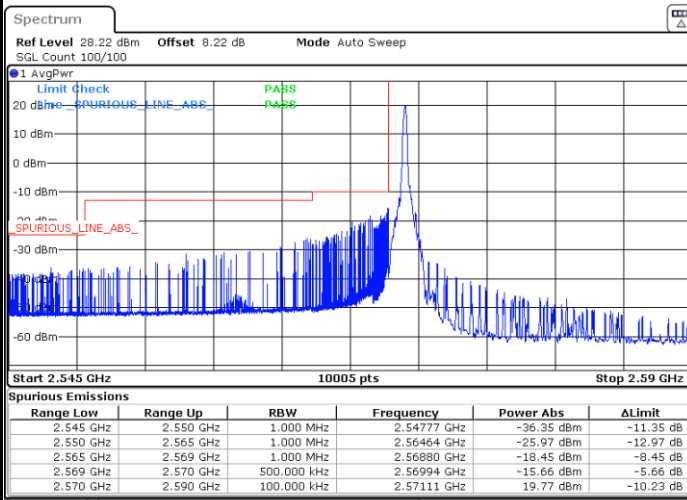


Date: 16 NOV. 2022 20:20:01



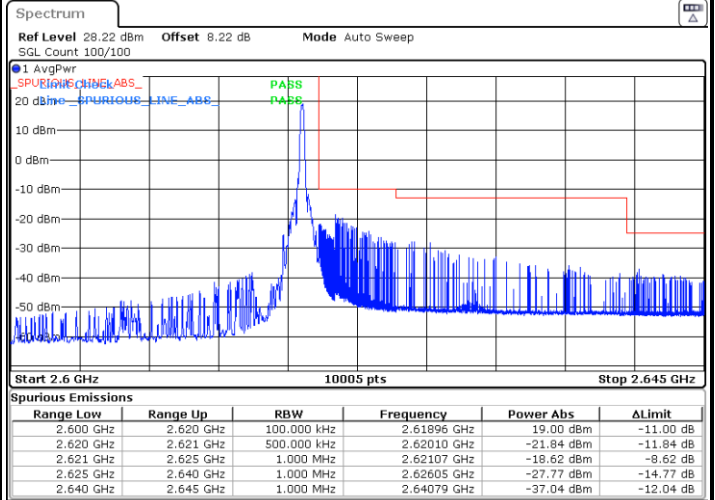
LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



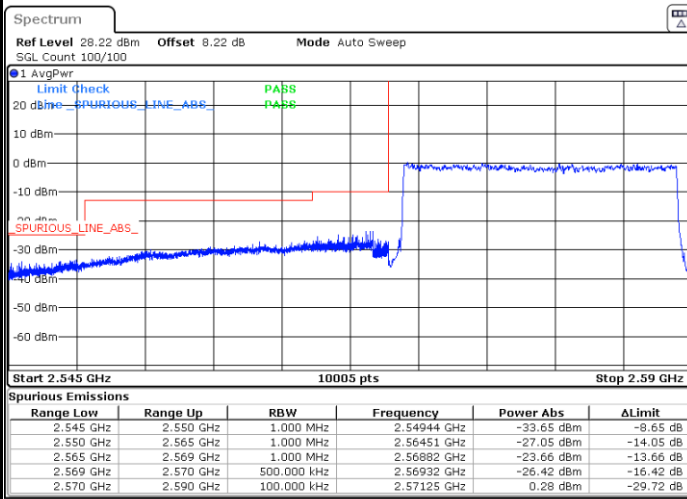
Date: 16 NOV. 2022 20:11:16

Highest Band Edge / 1 RB



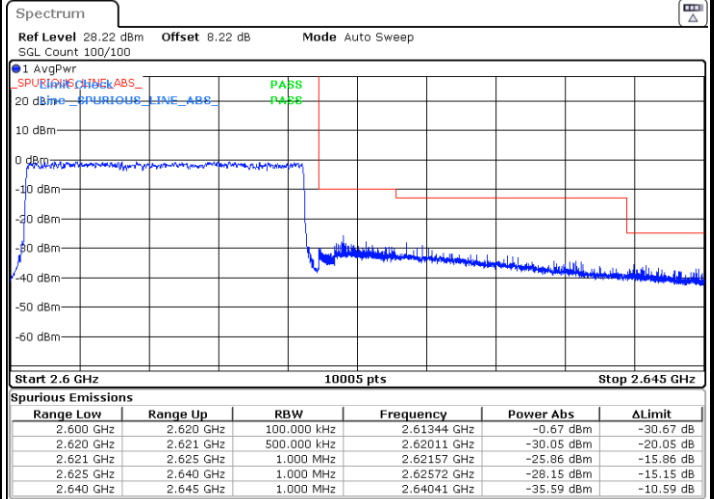
Date: 16 NOV. 2022 20:23:32

Lowest Band Edge / Full RB



Date: 16 NOV. 2022 20:13:17

Highest Band Edge / Full RB

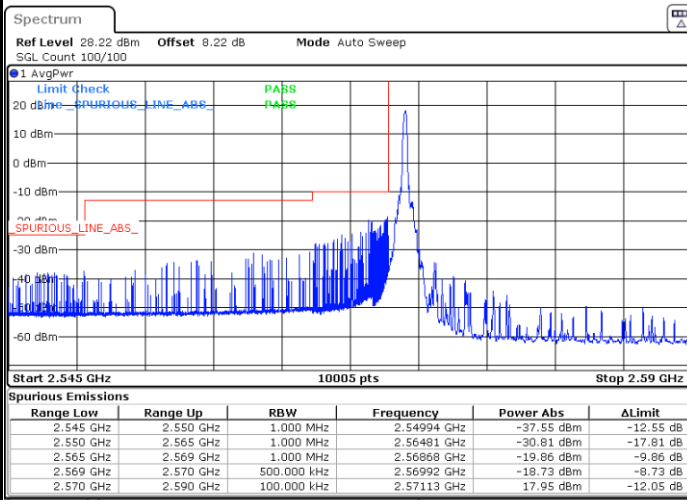


Date: 16 NOV. 2022 20:20:32



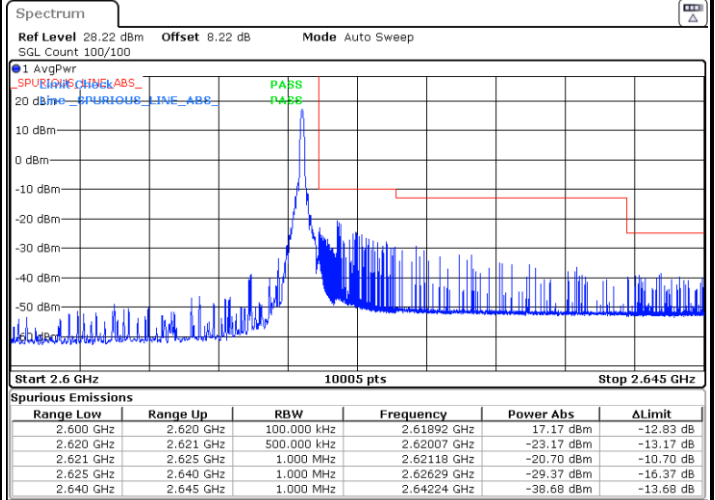
LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



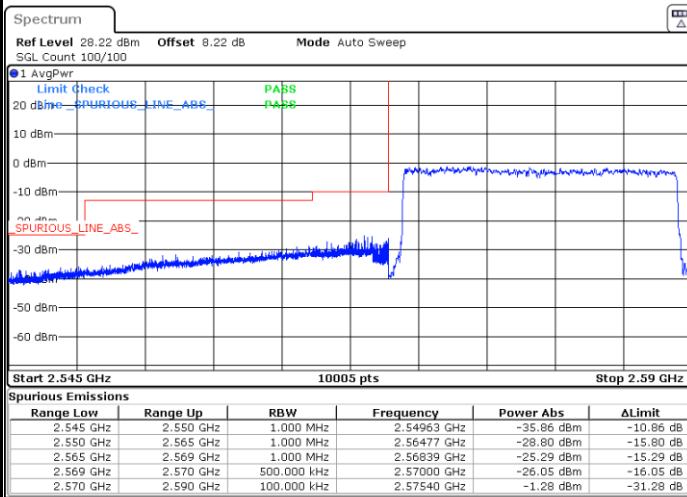
Date: 16 NOV. 2022 20:12:17

Highest Band Edge / 1 RB



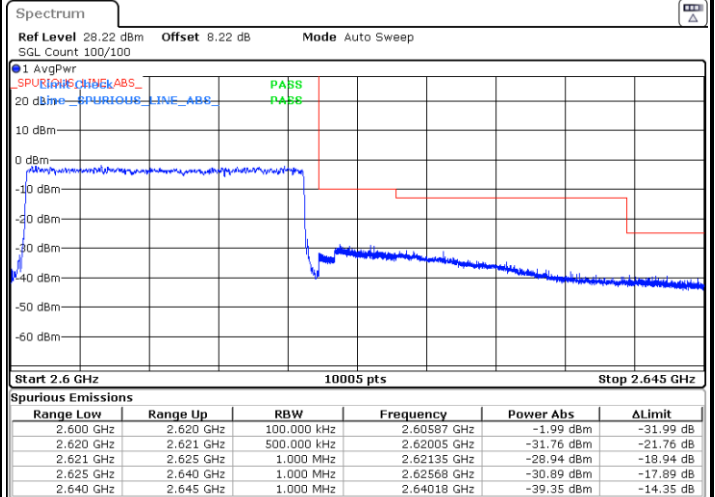
Date: 16 NOV. 2022 20:22:51

Lowest Band Edge / Full RB



Date: 16 NOV. 2022 20:13:03

Highest Band Edge / Full RB

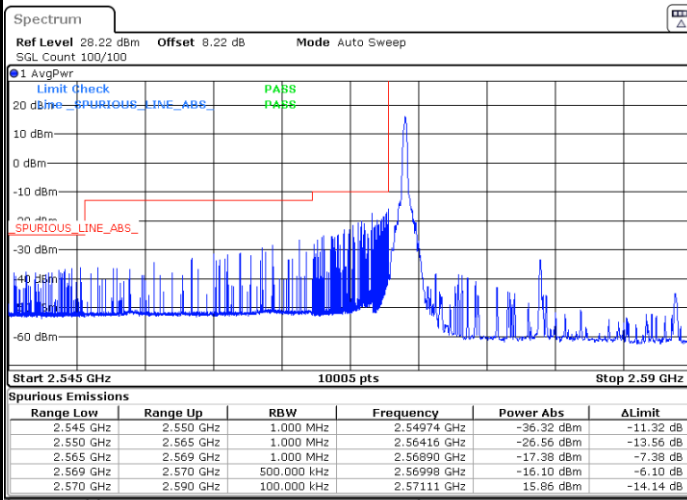


Date: 16 NOV. 2022 20:21:41



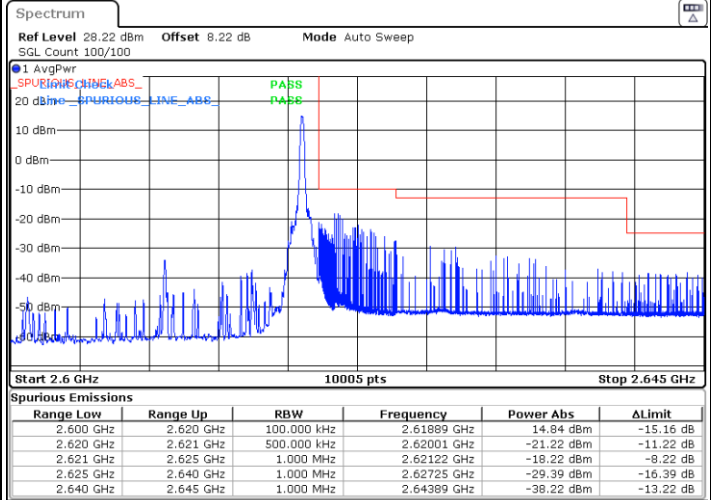
LTE Band 38 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



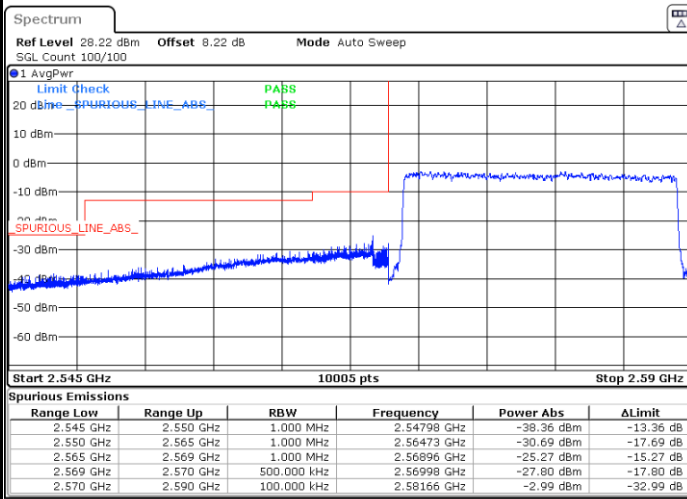
Date: 16 NOV 2022 20:11:34

Highest Band Edge / 1 RB



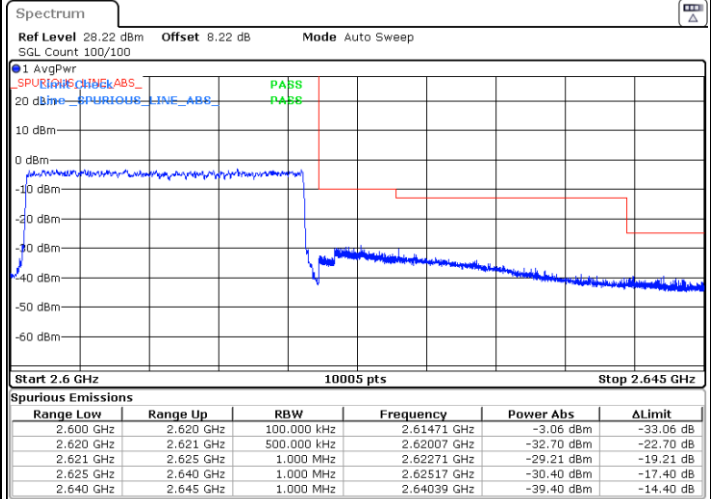
Date: 16 NOV 2022 20:22:23

Lowest Band Edge / Full RB



Date: 16 NOV 2022 20:12:37

Highest Band Edge / Full RB



Date: 16 NOV 2022 20:20:58



Conducted Spurious Emission

