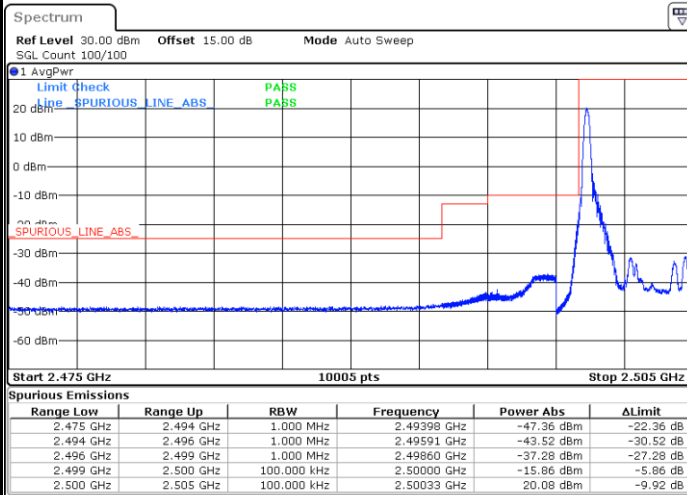




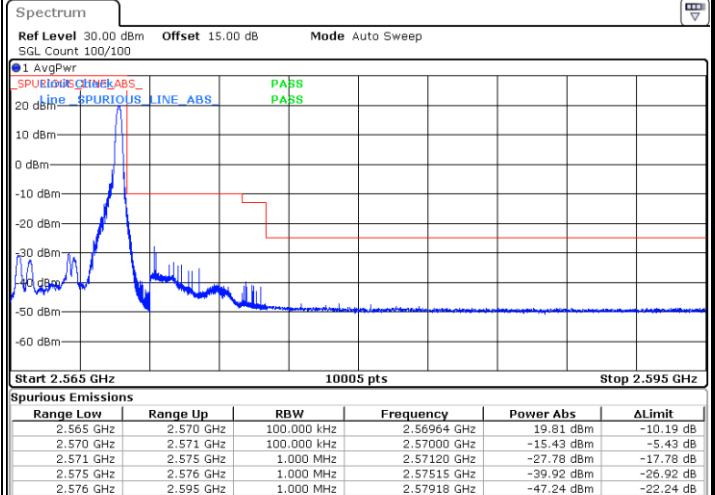
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

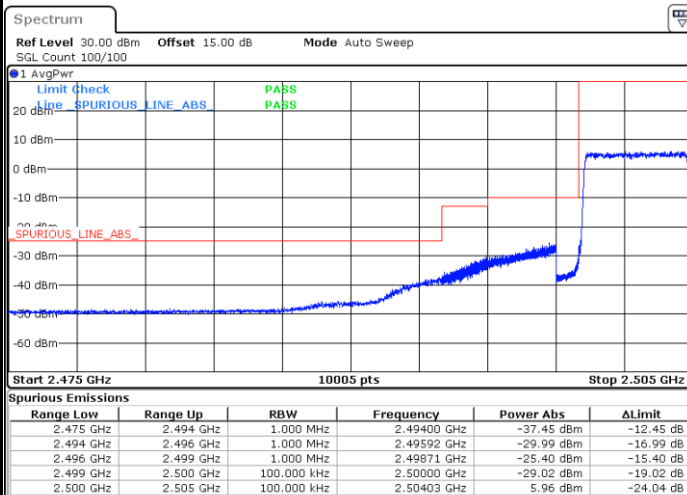
Lowest Band Edge / 1 RB



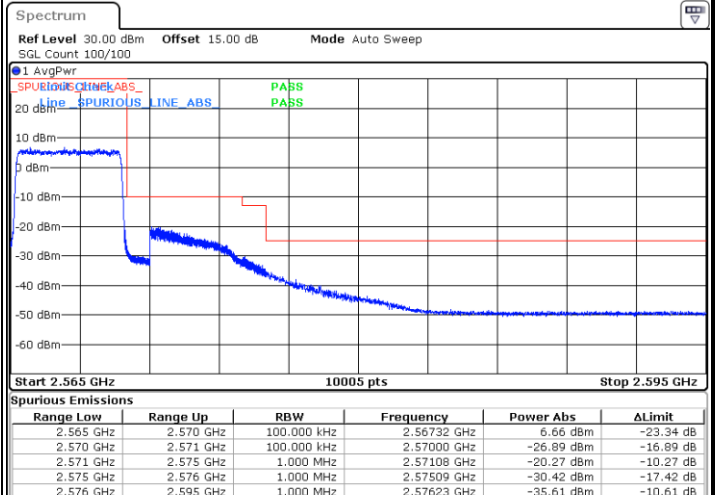
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

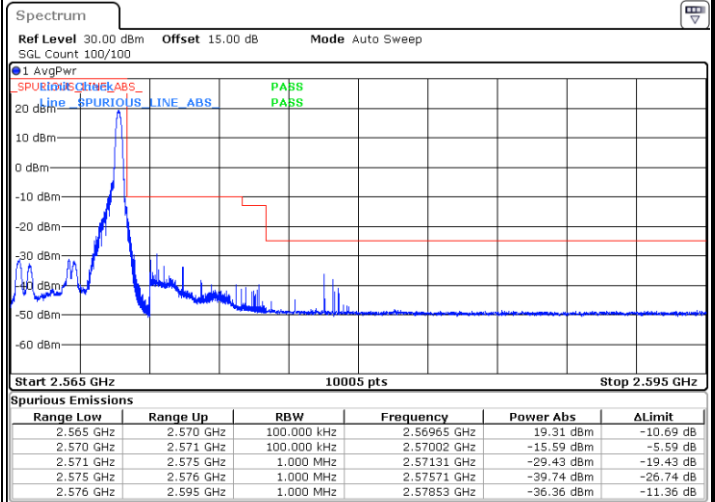
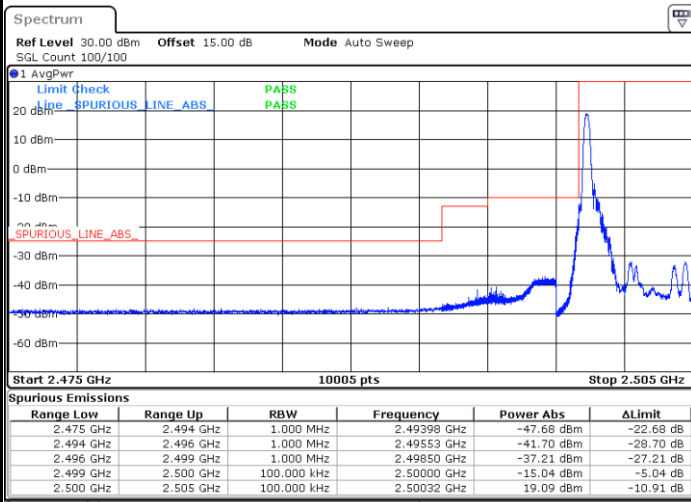




LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

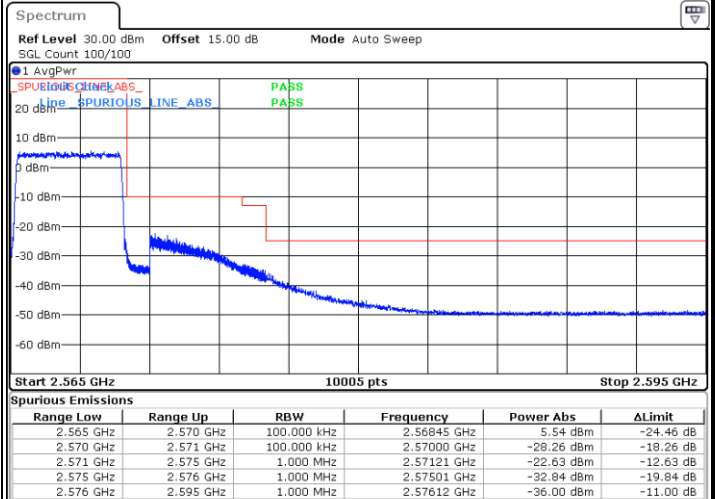
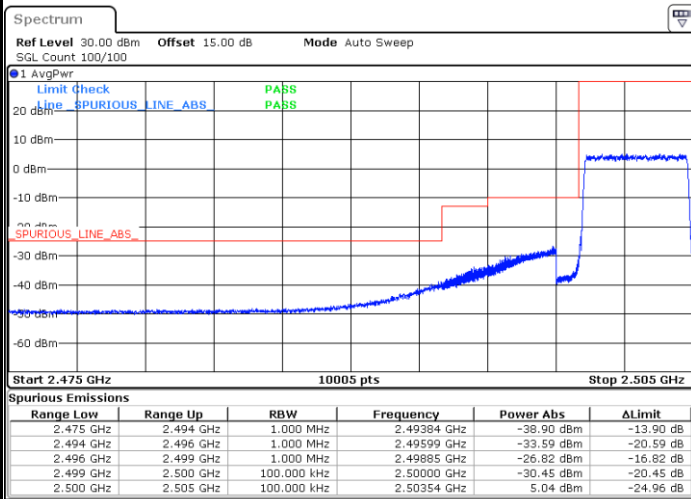


Date: 25.NOV.2022 17:33:06

Date: 25.NOV.2022 17:47:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



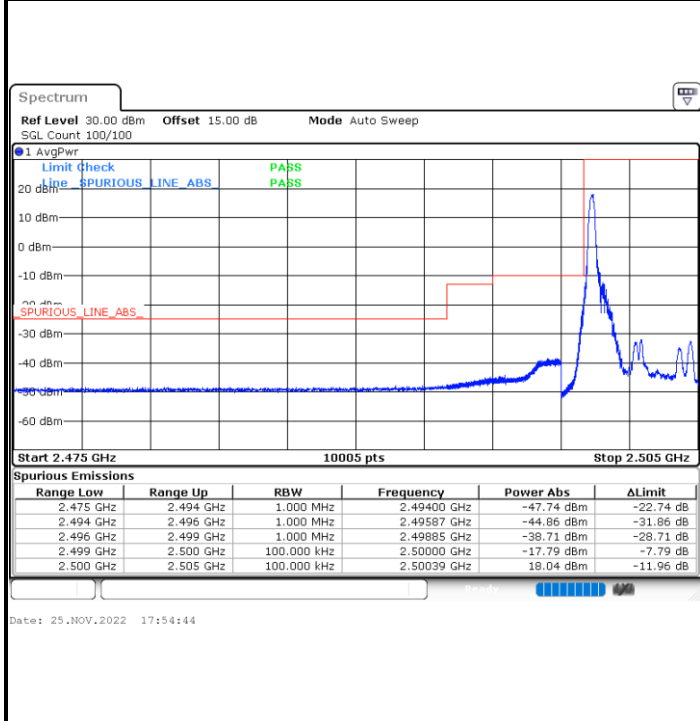
Date: 25.NOV.2022 17:35:53

Date: 25.NOV.2022 17:49:59

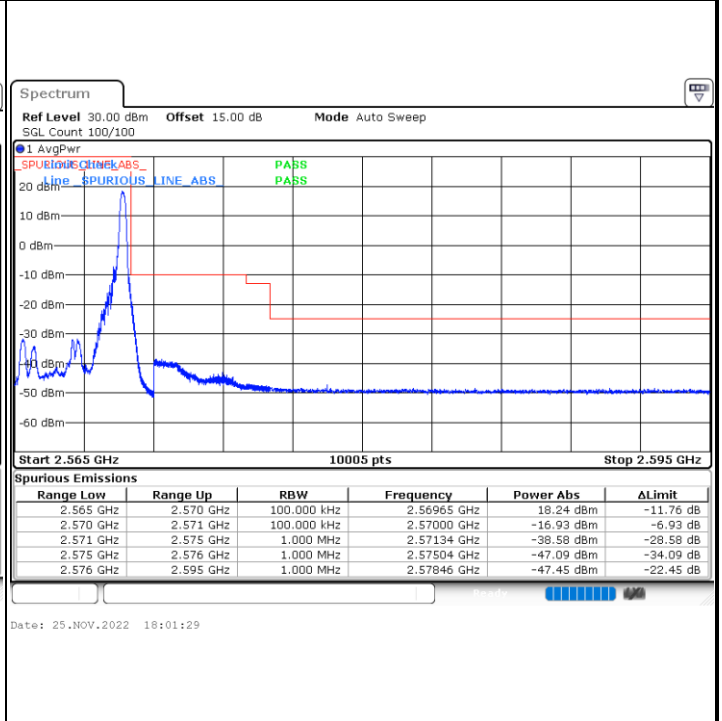


LTE Band 7 / 5MHz / 64QAM

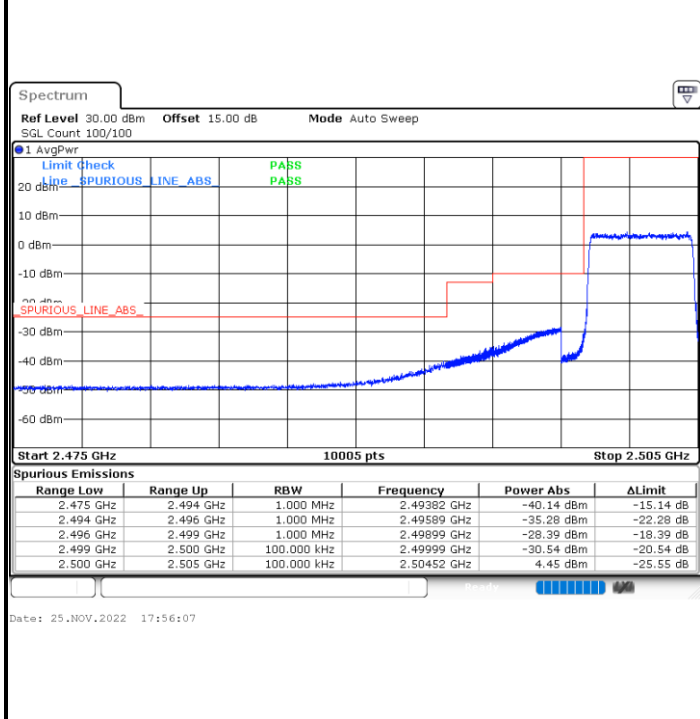
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

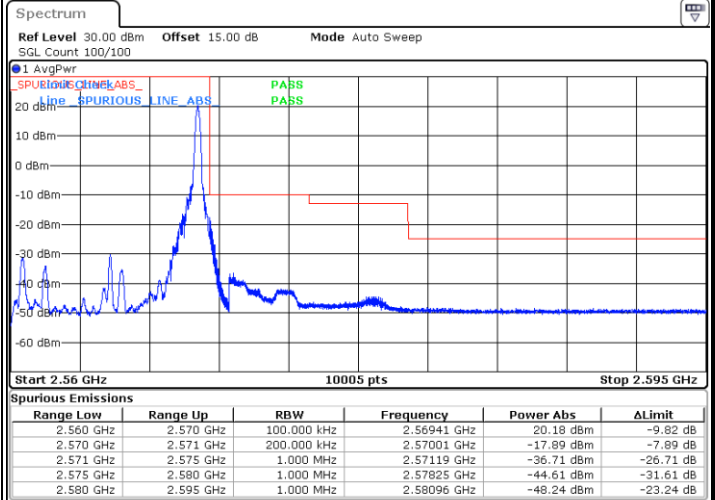
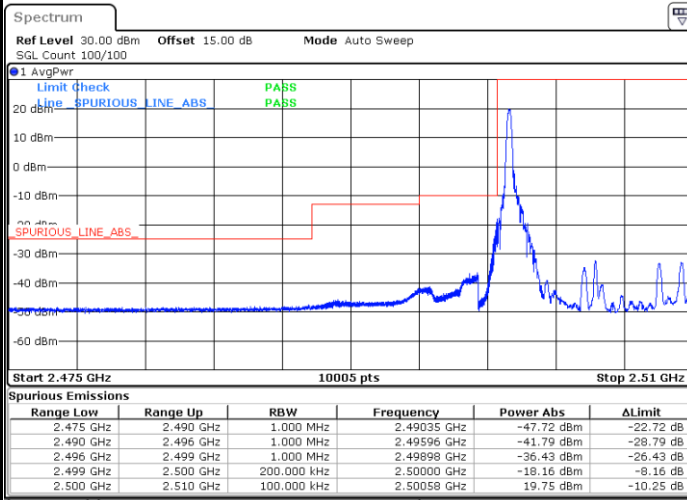




LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

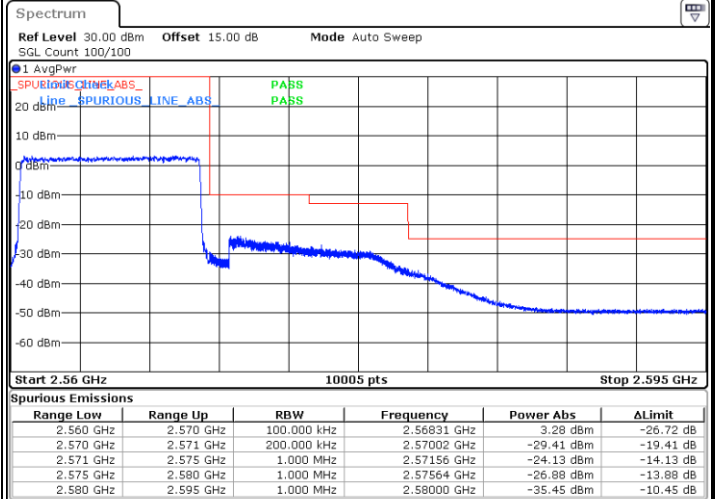
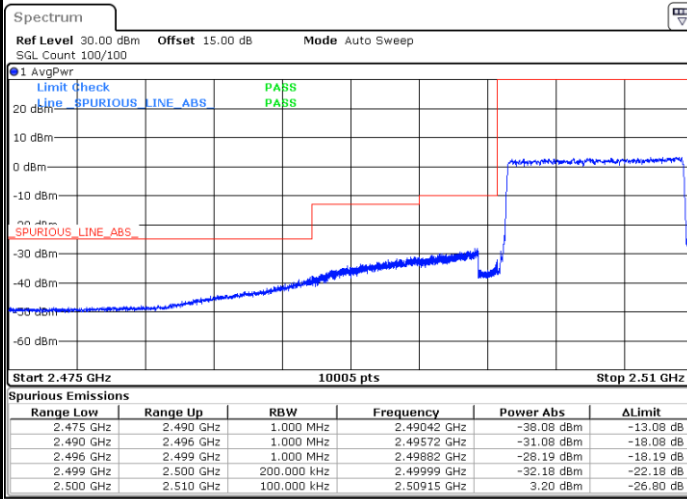


Date: 25.NOV.2022 18:07:12

Date: 25.NOV.2022 18:21:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25.NOV.2022 18:09:57

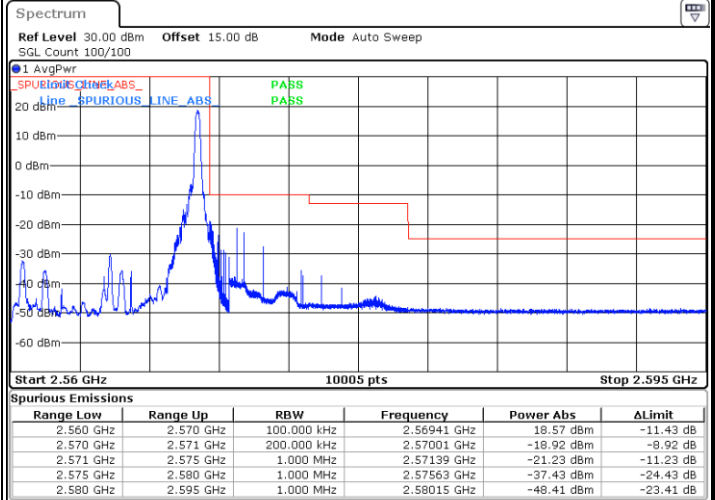
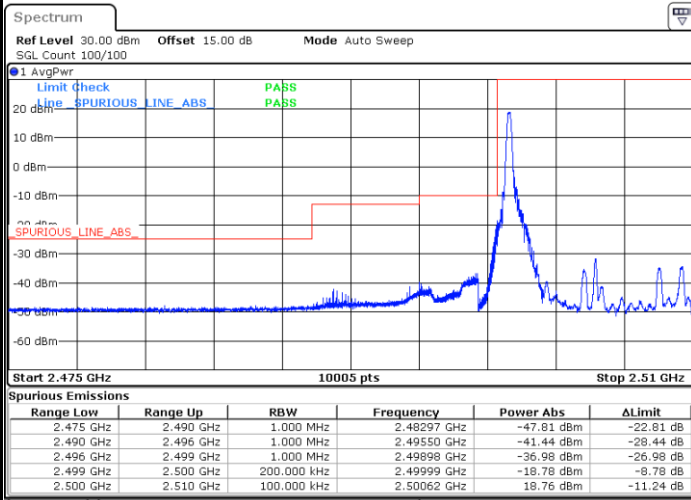
Date: 25.NOV.2022 18:24:03



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

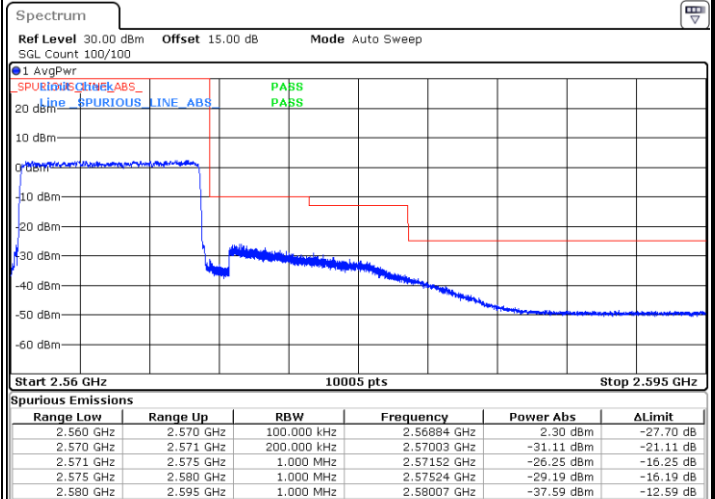
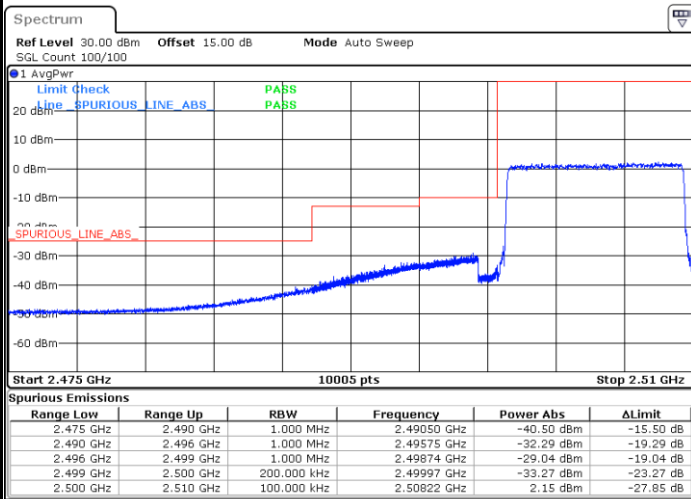


Date: 25.NOV.2022 18:08:35

Date: 25.NOV.2022 18:22:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



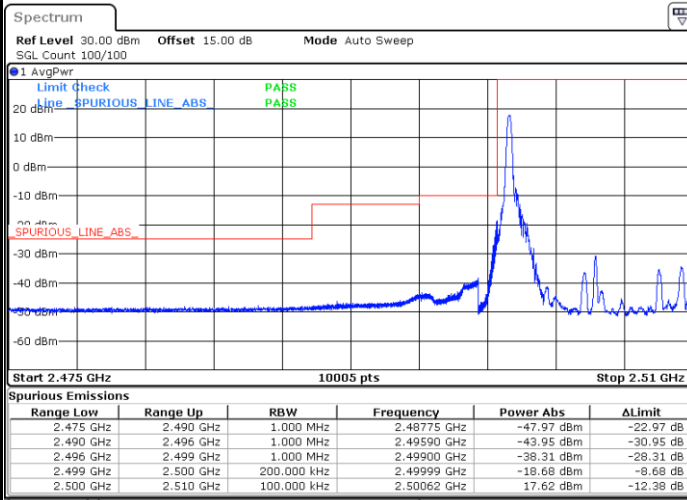
Date: 25.NOV.2022 18:11:20

Date: 25.NOV.2022 18:25:26



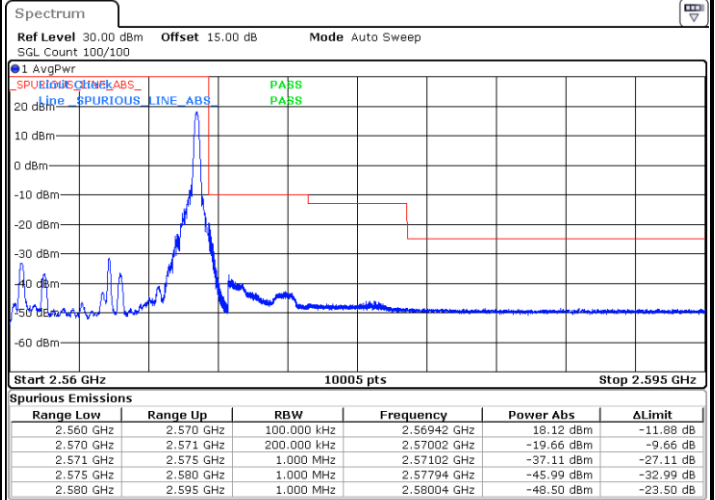
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



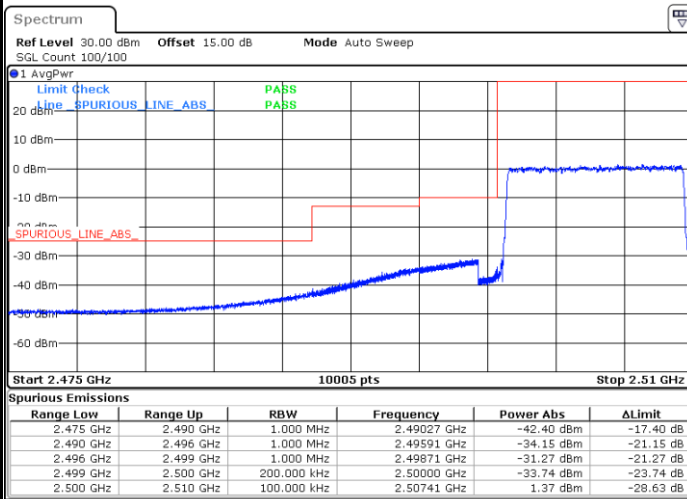
Date: 25.NOV.2022 18:30:11

Highest Band Edge / 1 RB



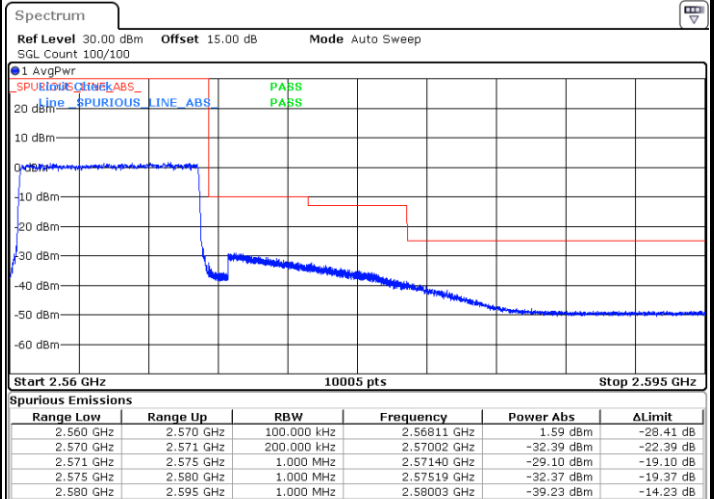
Date: 25.NOV.2022 18:36:56

Lowest Band Edge / Full RB



Date: 25.NOV.2022 18:31:34

Highest Band Edge / Full RB



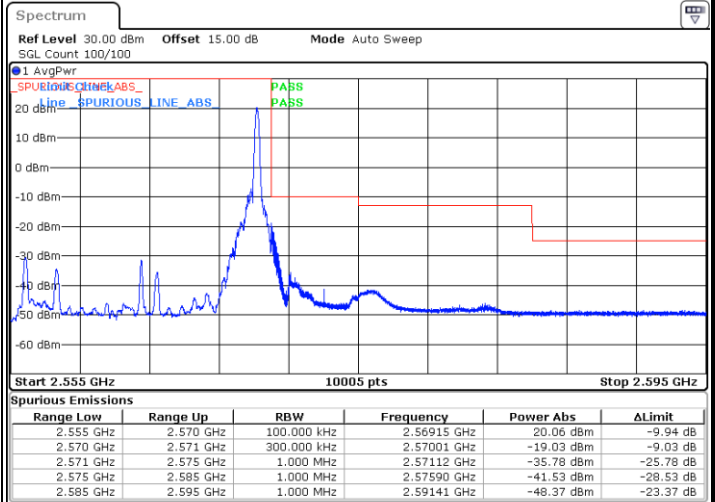
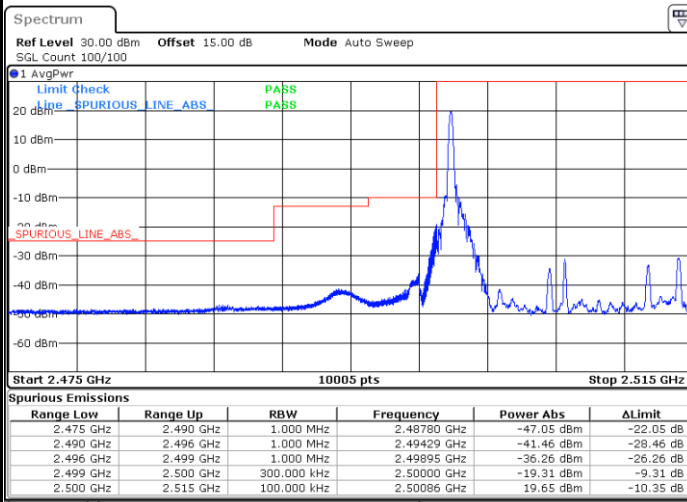
Date: 25.NOV.2022 18:38:18



LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

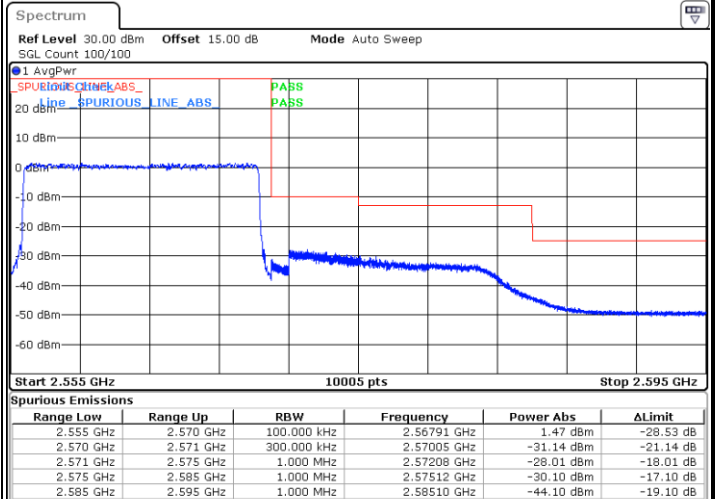
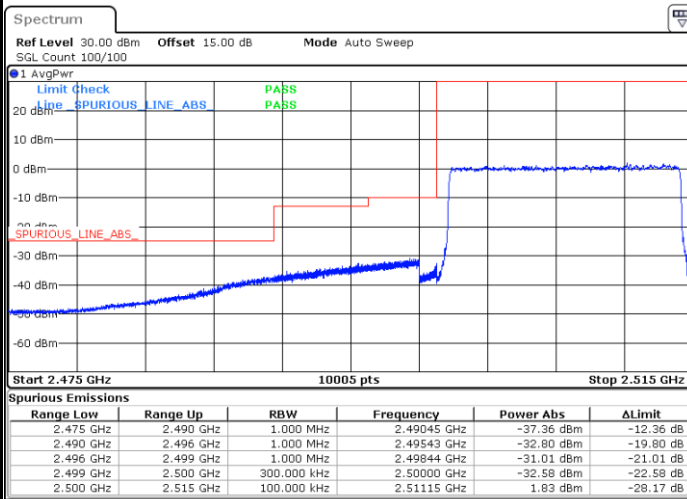


Date: 25.NOV.2022 18:42:39

Date: 25.NOV.2022 18:56:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



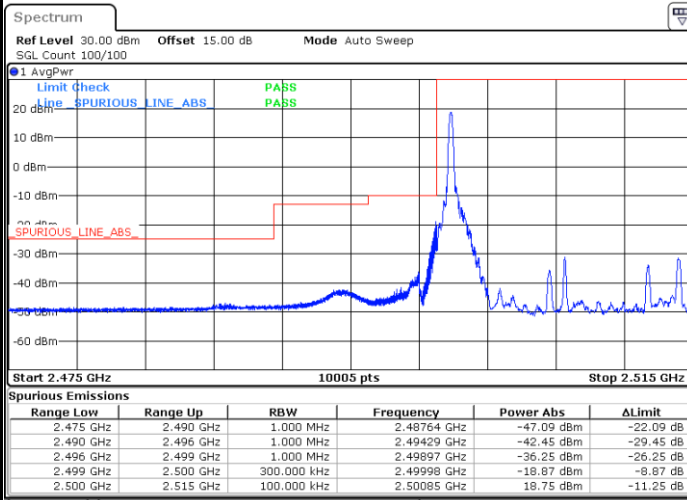
Date: 25.NOV.2022 18:45:25

Date: 25.NOV.2022 18:59:32



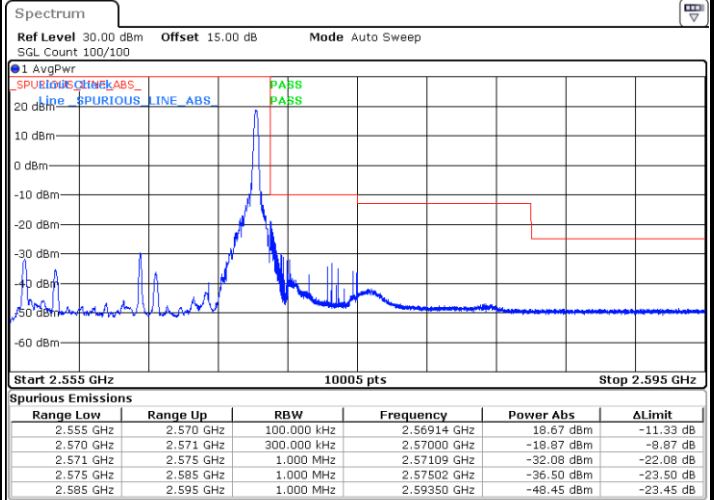
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



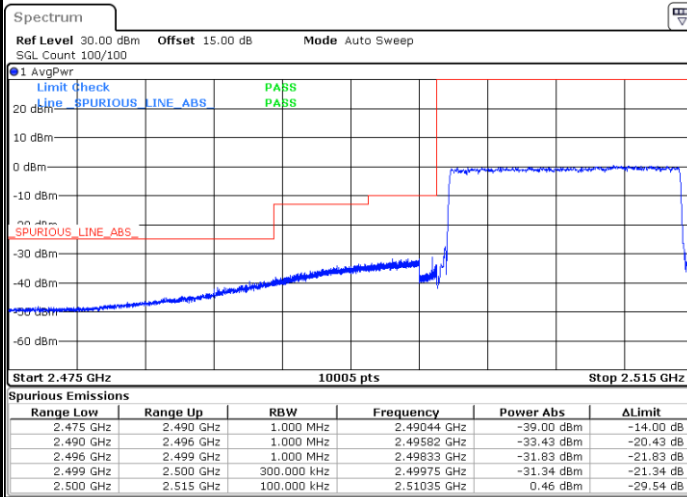
Date: 25.NOV.2022 18:44:02

Highest Band Edge / 1 RB



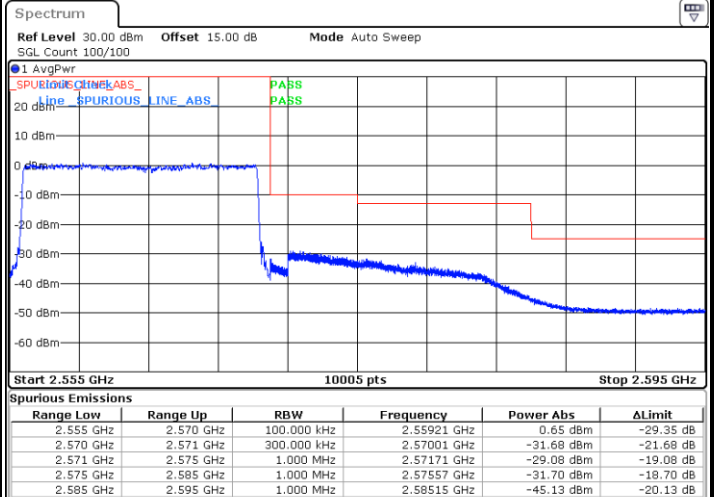
Date: 25.NOV.2022 18:58:09

Lowest Band Edge / Full RB



Date: 25.NOV.2022 18:46:18

Highest Band Edge / Full RB

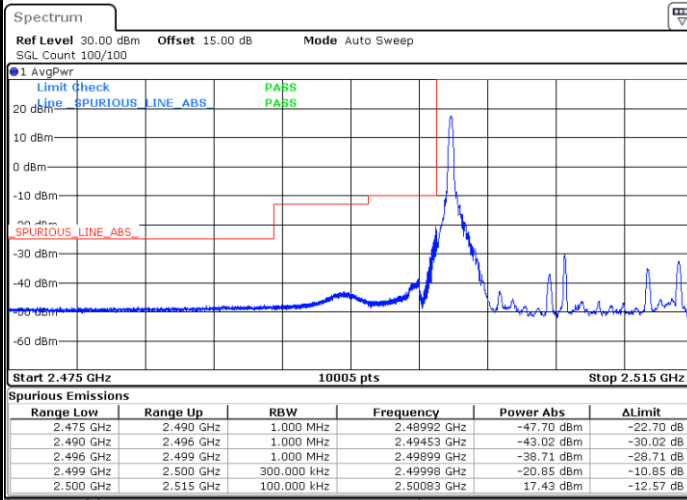


Date: 25.NOV.2022 19:00:54



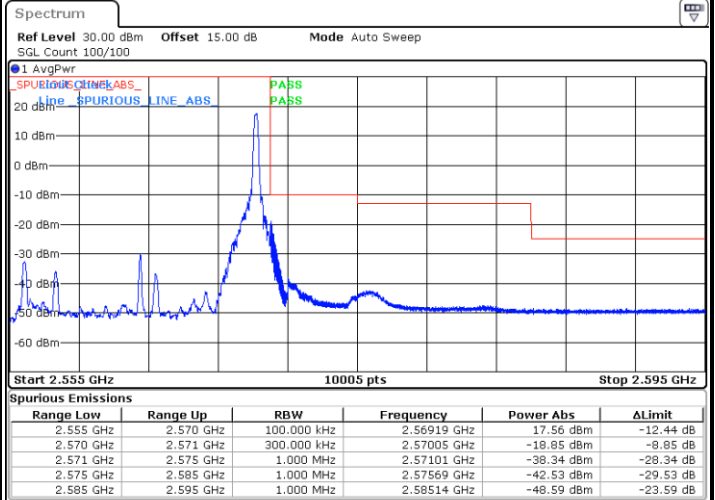
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



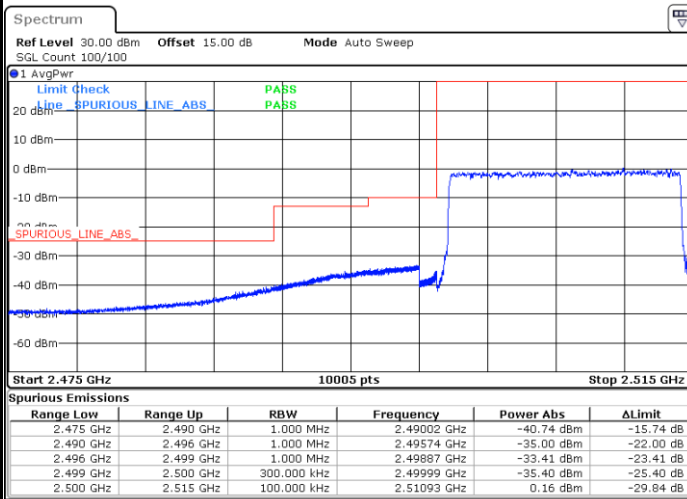
Date: 25.NOV.2022 19:05:39

Highest Band Edge / 1 RB



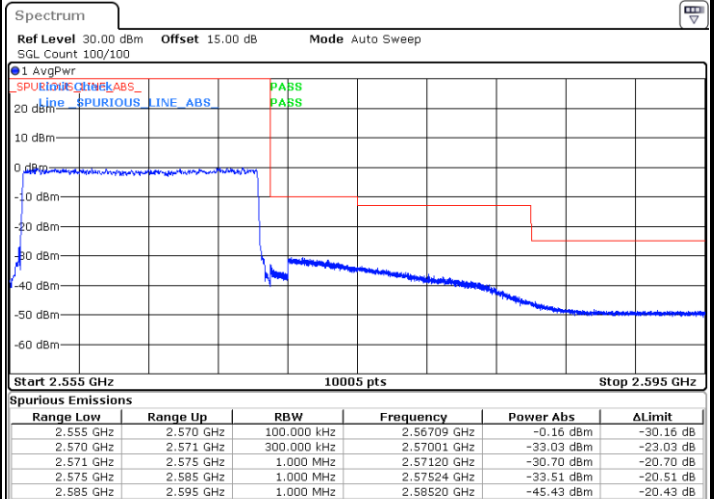
Date: 25.NOV.2022 19:12:25

Lowest Band Edge / Full RB



Date: 25.NOV.2022 19:07:03

Highest Band Edge / Full RB



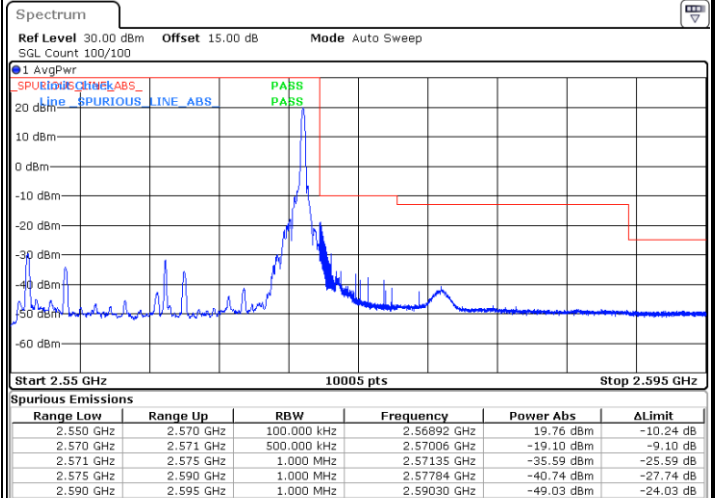
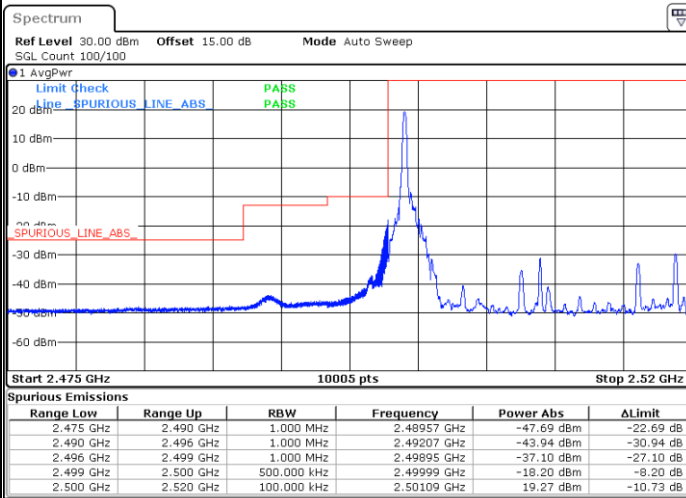
Date: 25.NOV.2022 19:13:48



LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

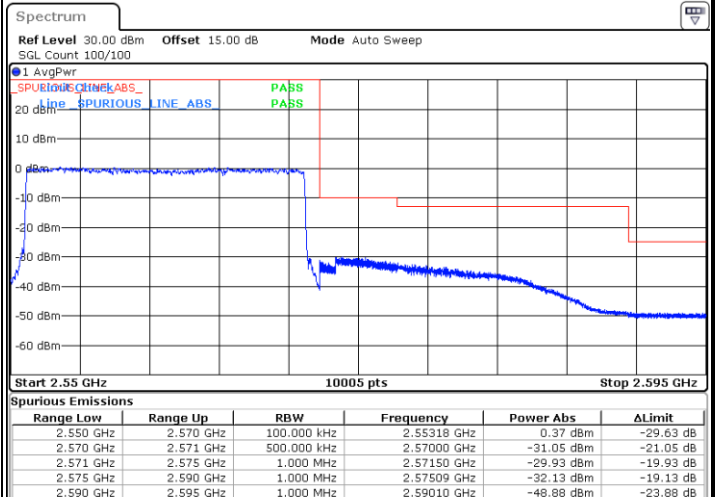
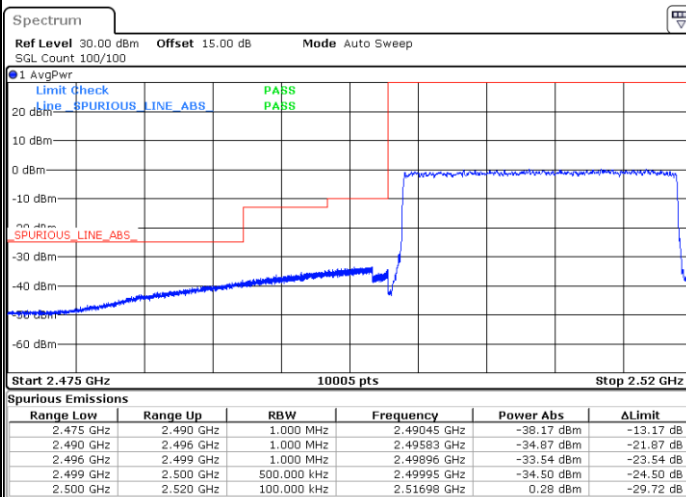


Date: 25.NOV.2022 19:18:09

Date: 25.NOV.2022 19:32:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



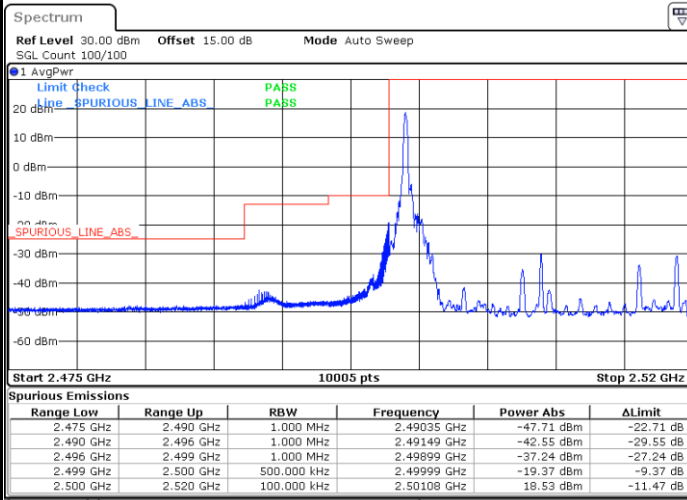
Date: 25.NOV.2022 19:20:56

Date: 25.NOV.2022 19:36:25



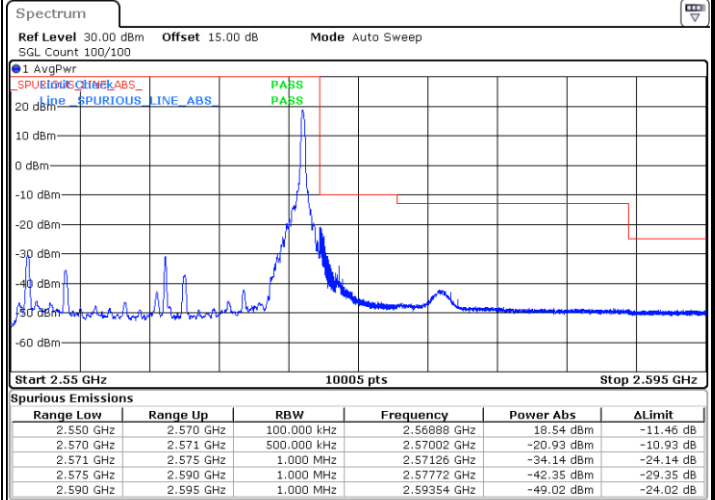
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



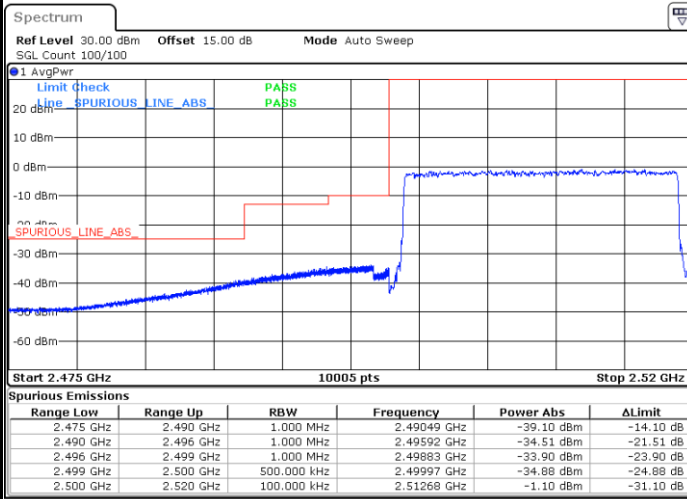
Date: 25.NOV.2022 19:19:32

Highest Band Edge / 1RB



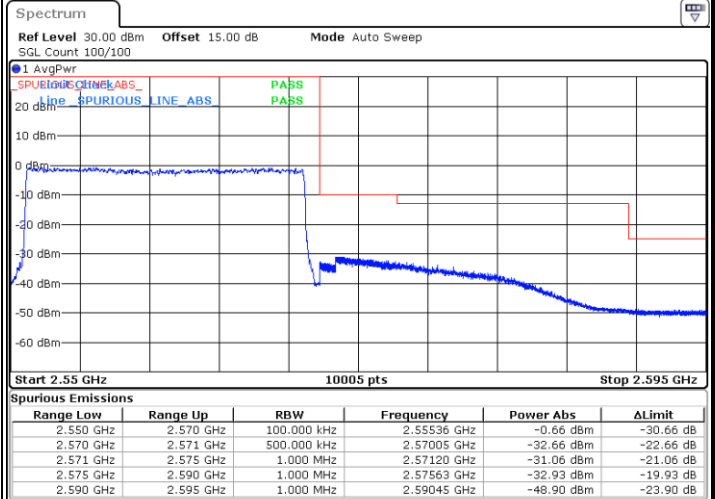
Date: 25.NOV.2022 19:33:40

Lowest Band Edge / Full RB



Date: 25.NOV.2022 19:22:19

Highest Band Edge / Full RB

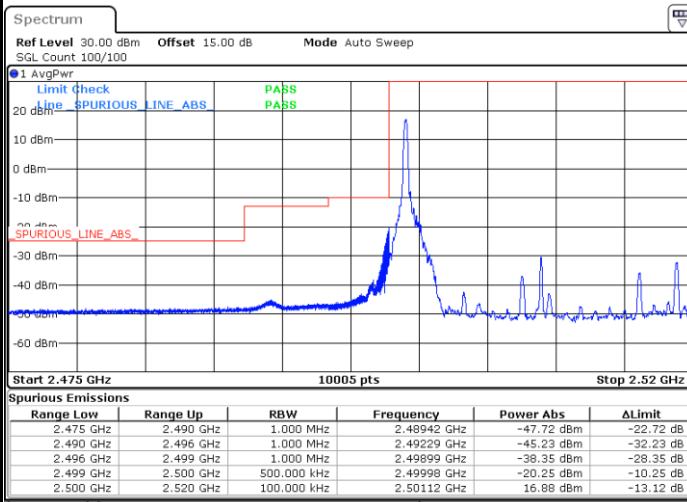


Date: 25.NOV.2022 19:35:03



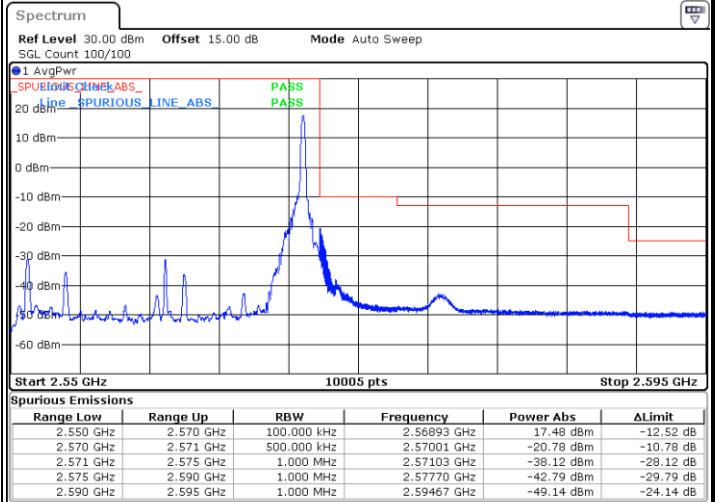
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



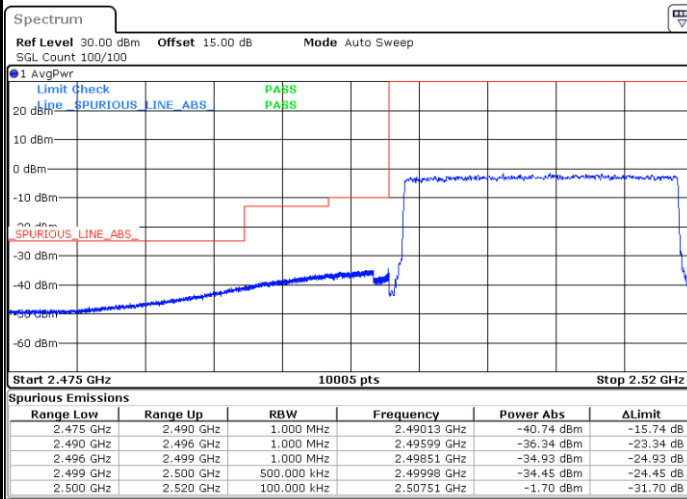
Date: 25.NOV.2022 19:41:10

Highest Band Edge / 1 RB



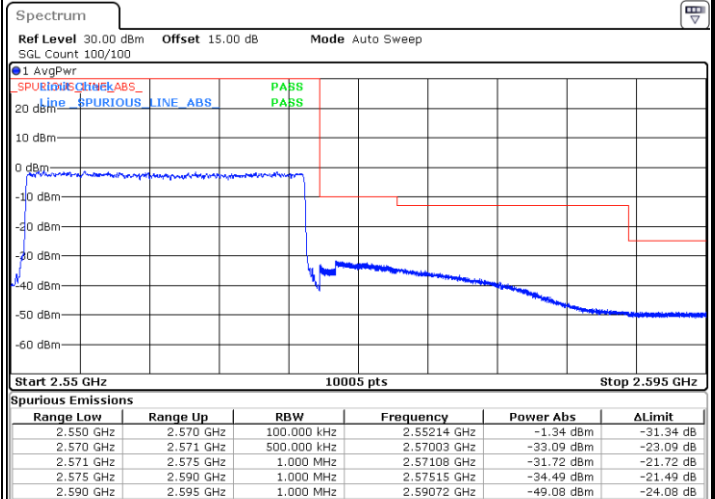
Date: 25.NOV.2022 19:47:56

Lowest Band Edge / Full RB



Date: 25.NOV.2022 19:42:33

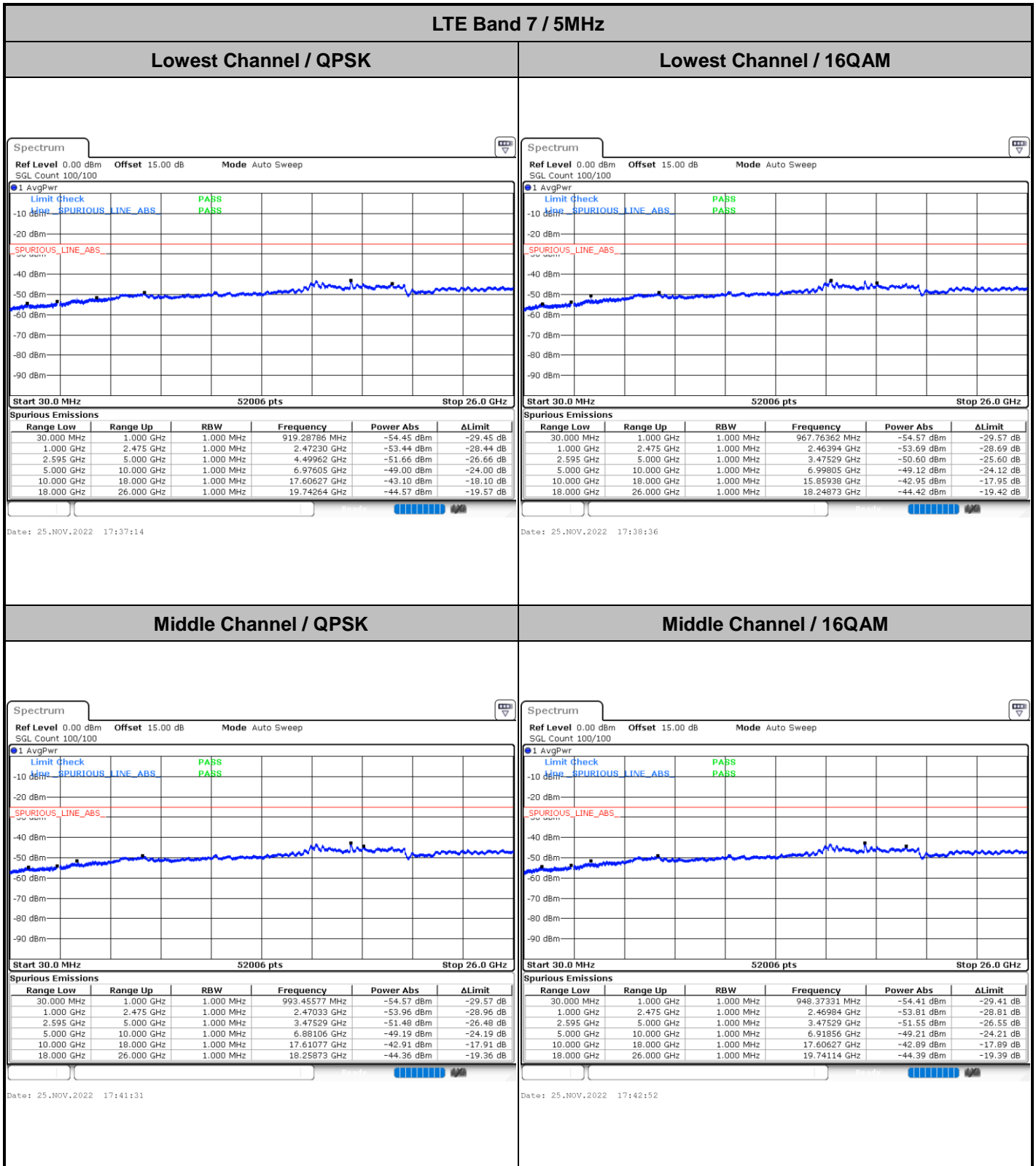
Highest Band Edge / Full RB



Date: 25.NOV.2022 19:49:18



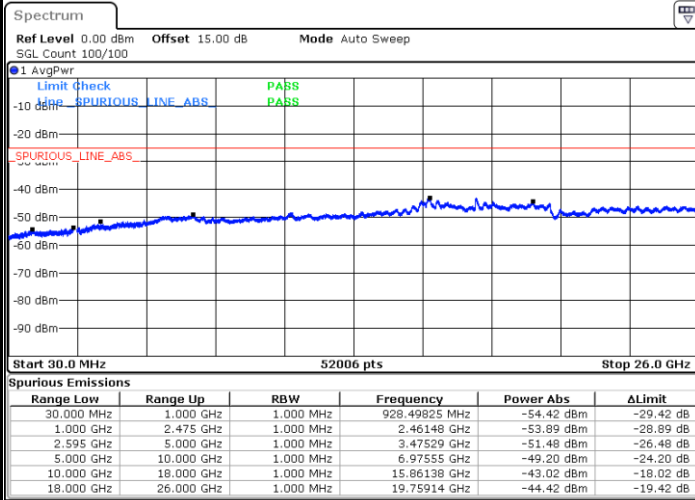
Conducted Spurious Emission





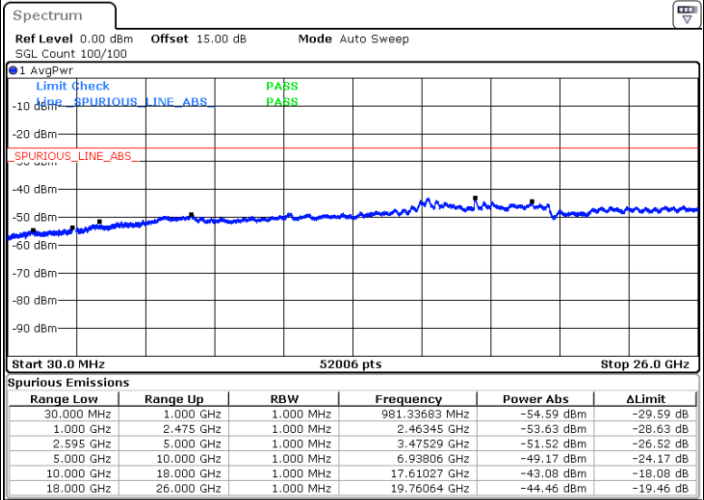
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 25.NOV.2022 17:51:20

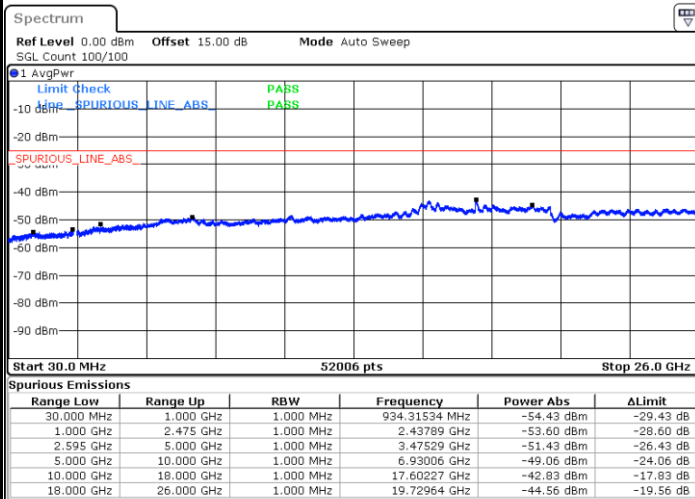
Highest Channel / 16QAM



Date: 25.NOV.2022 17:52:42

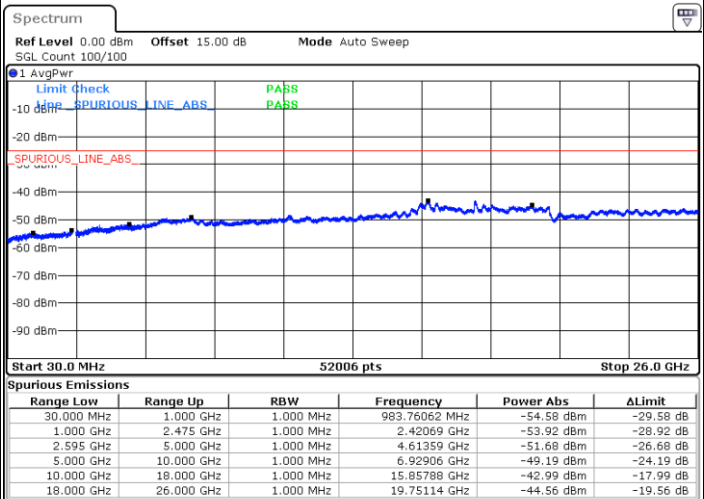
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 25.NOV.2022 18:12:41

Lowest Channel / 16QAM



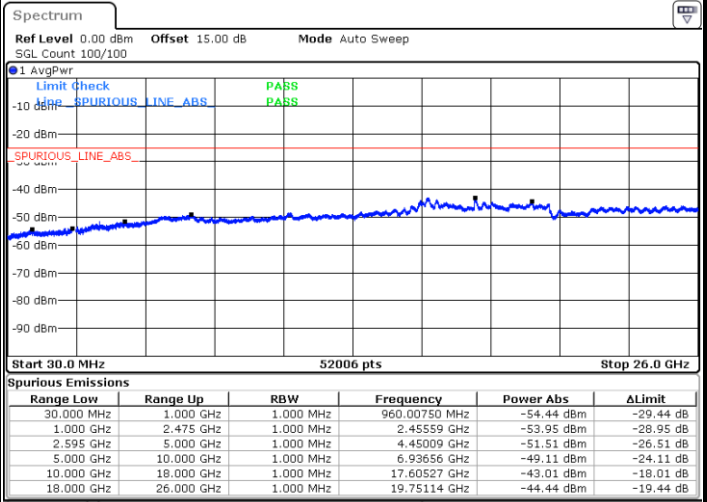
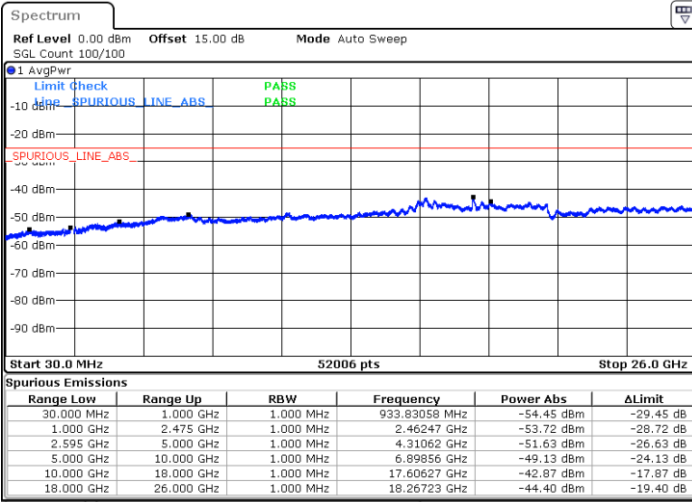
Date: 25.NOV.2022 18:14:03



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

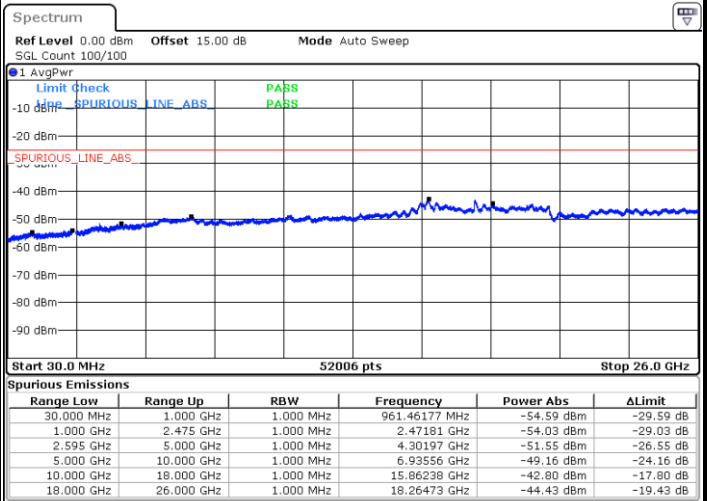
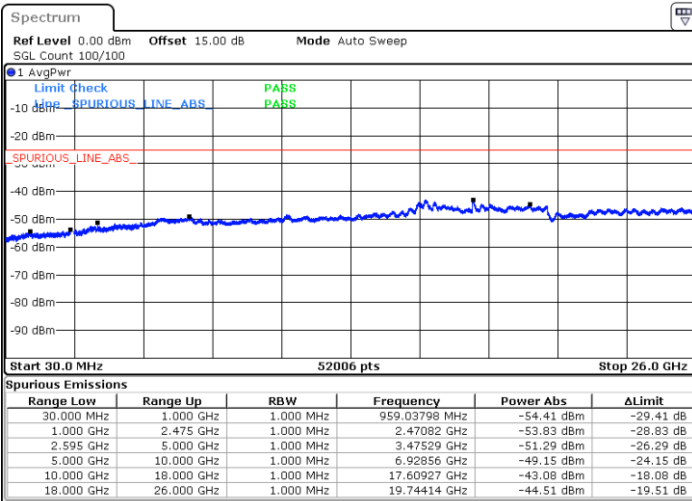


Date: 25.NOV.2022 18:16:58

Date: 25.NOV.2022 18:18:19

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.NOV.2022 18:26:47

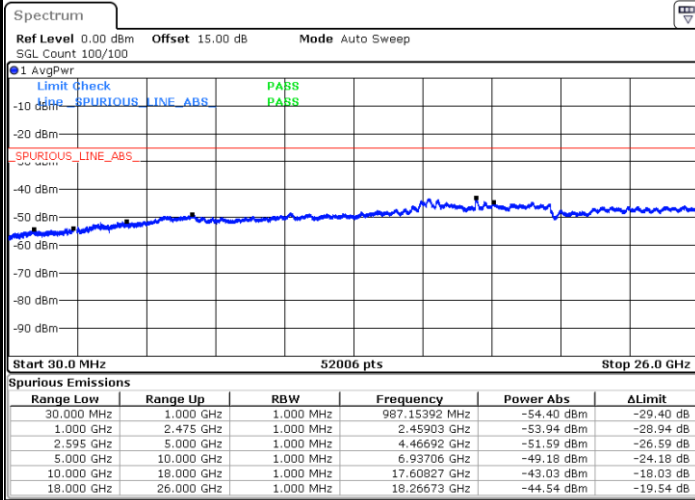
Date: 25.NOV.2022 18:28:09



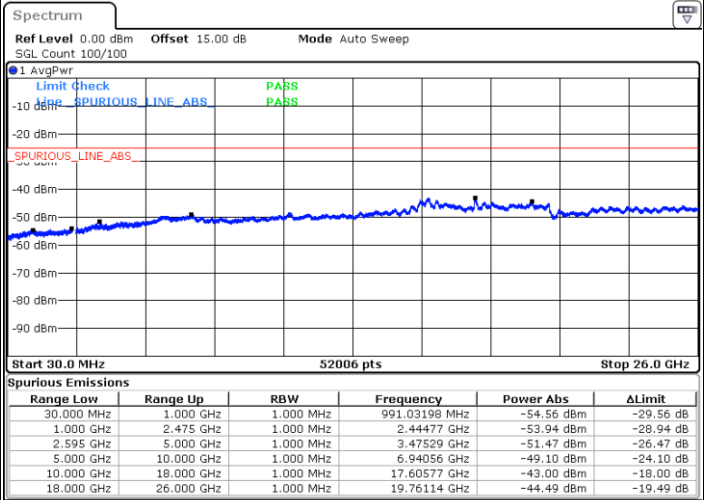
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



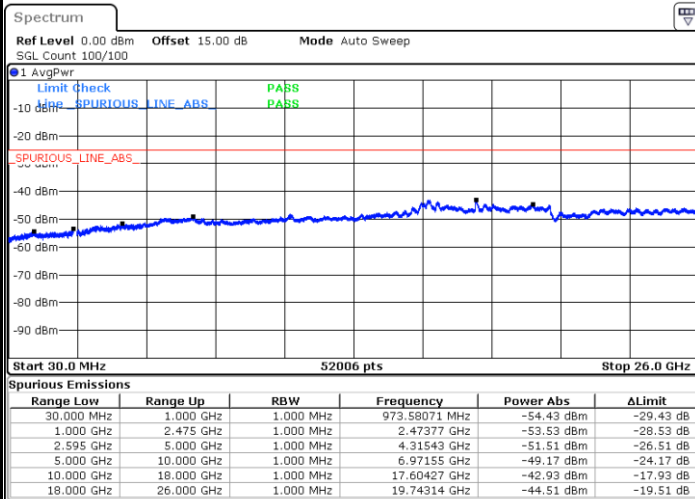
Date: 25.NOV.2022 18:48:10



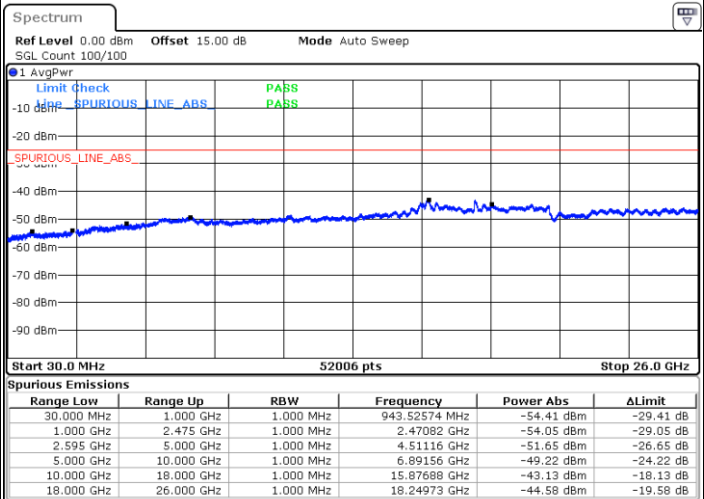
Date: 25.NOV.2022 18:49:31

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25.NOV.2022 18:52:27



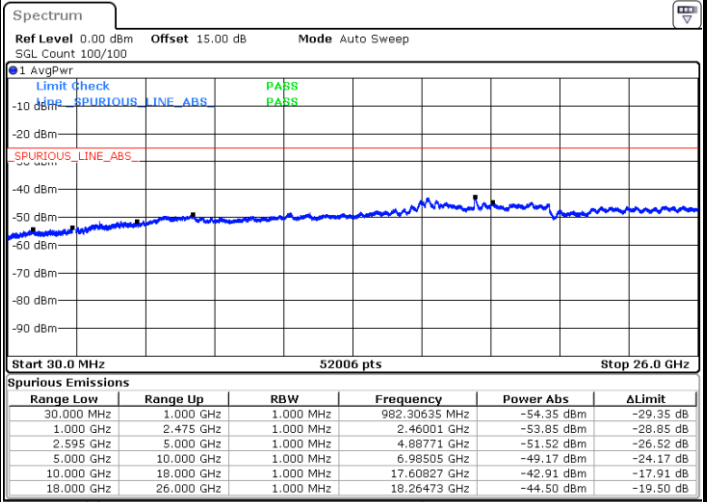
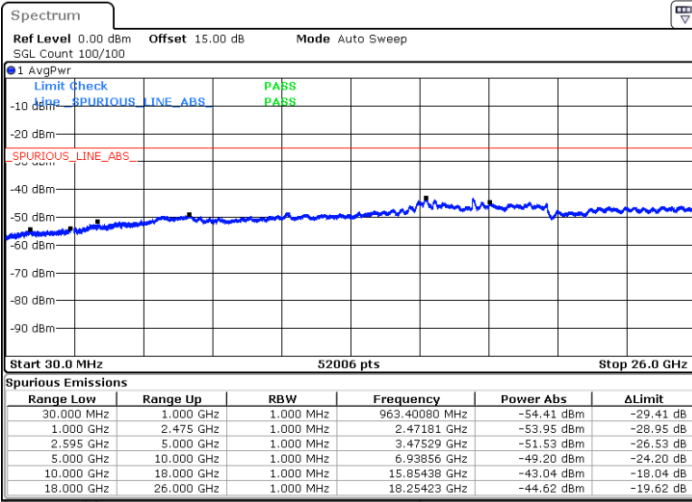
Date: 25.NOV.2022 18:53:48



LTE Band 7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



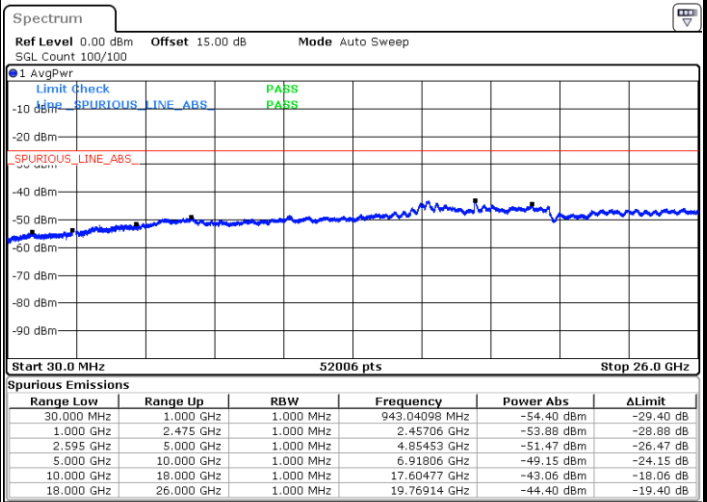
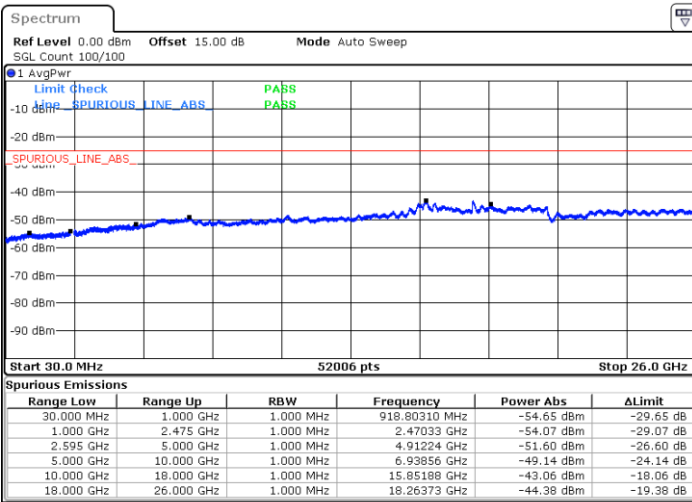
Date: 25.NOV.2022 19:02:16

Date: 25.NOV.2022 19:03:38

LTE Band 7 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 25.NOV.2022 19:23:40

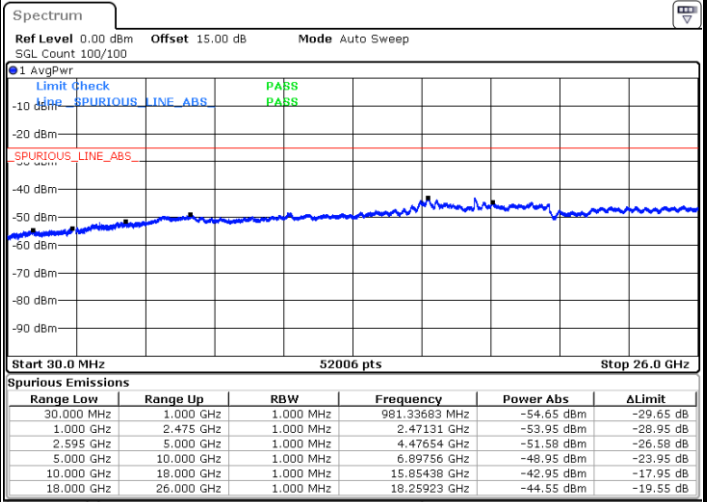
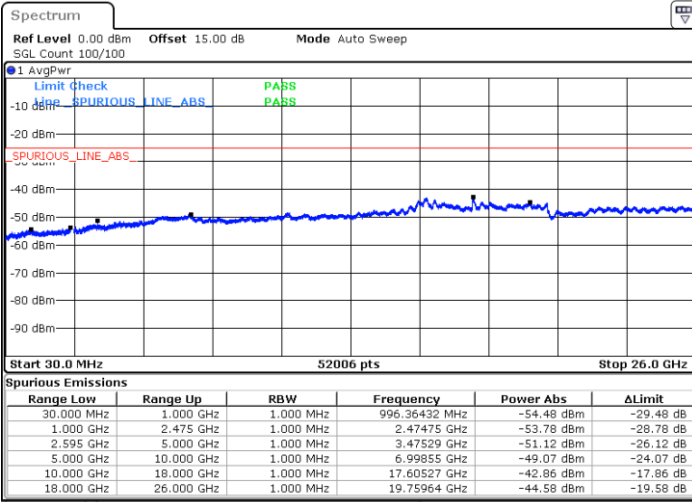
Date: 25.NOV.2022 19:25:02



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

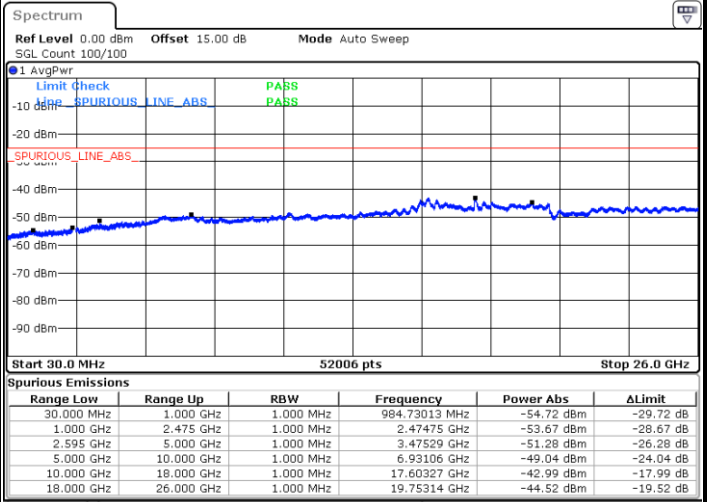
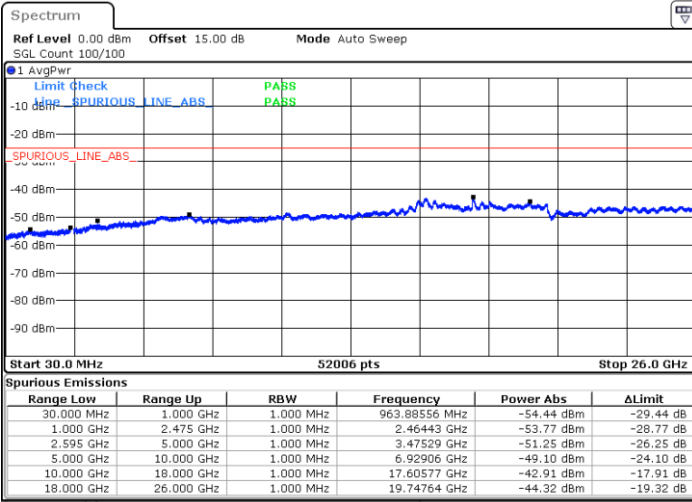


Date: 25.NOV.2022 19:27:57

Date: 25.NOV.2022 19:29:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.NOV.2022 19:37:47

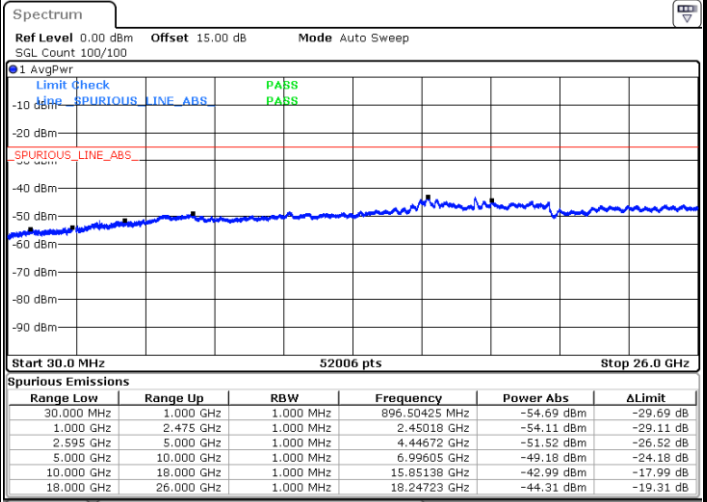
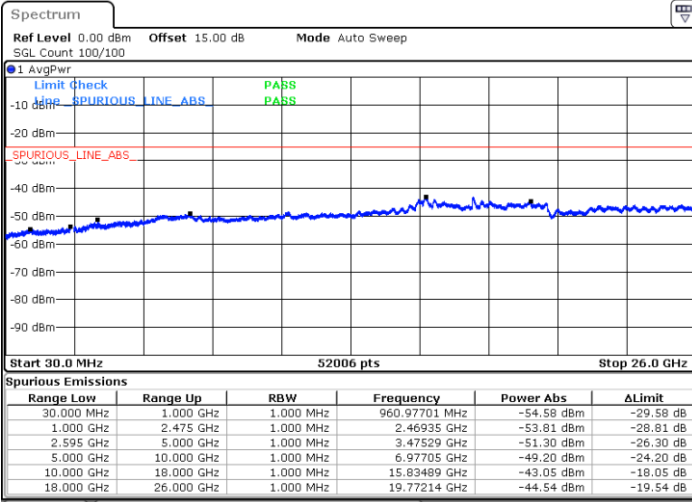
Date: 25.NOV.2022 19:39:09



LTE Band 7 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

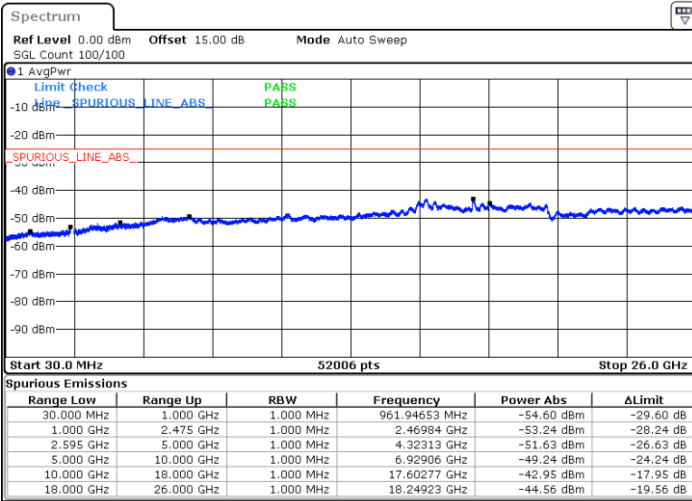


Date: 25.NOV.2022 17:57:28

Date: 25.NOV.2022 17:59:28

Highest Channel / 64QAM

N/A



Date: 25.NOV.2022 18:04:13

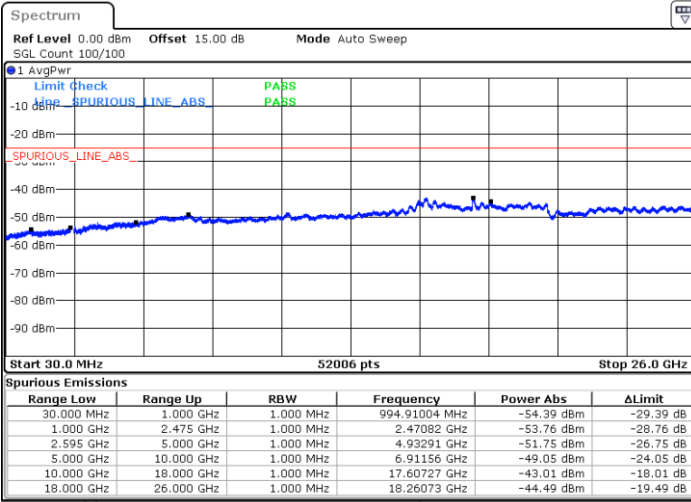
N/A



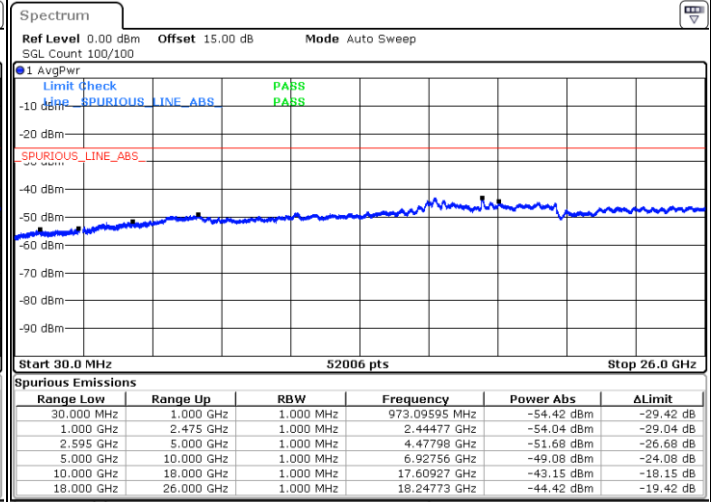
LTE Band 7 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



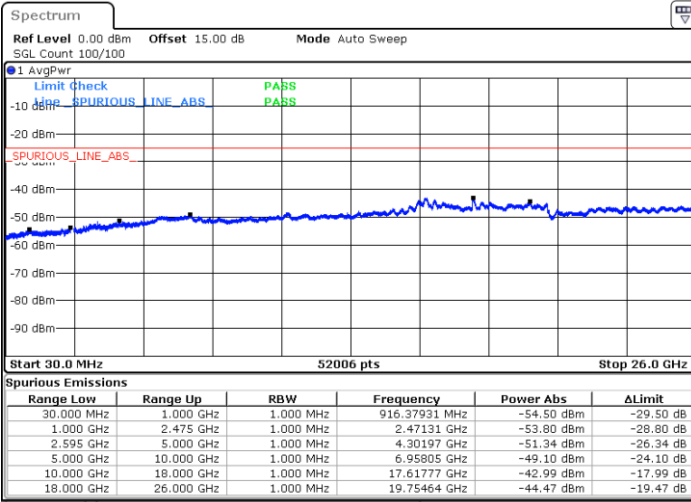
Date: 25.NOV.2022 18:32:55



Date: 25.NOV.2022 18:34:54

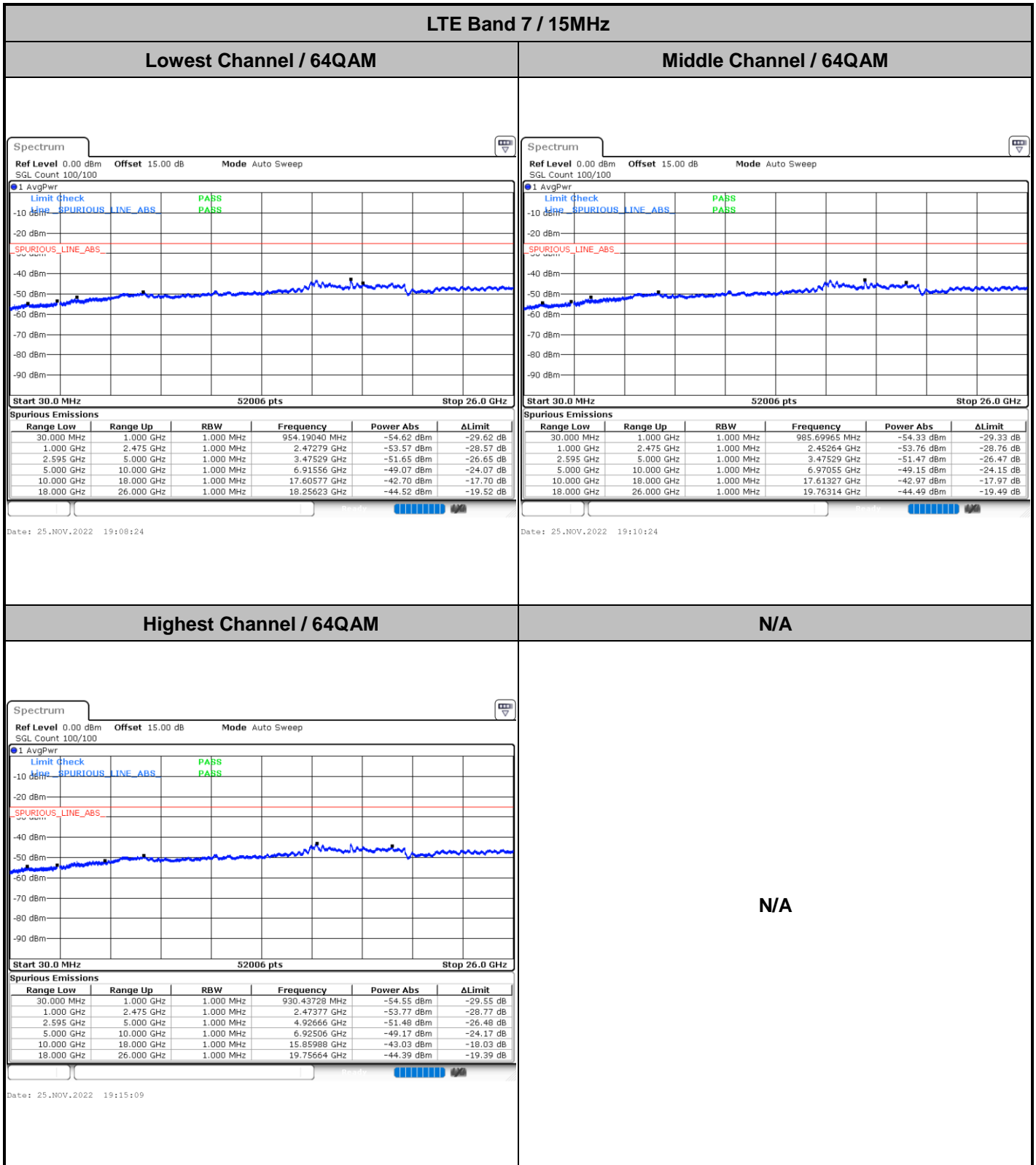
Highest Channel / 64QAM

N/A



Date: 25.NOV.2022 18:39:40

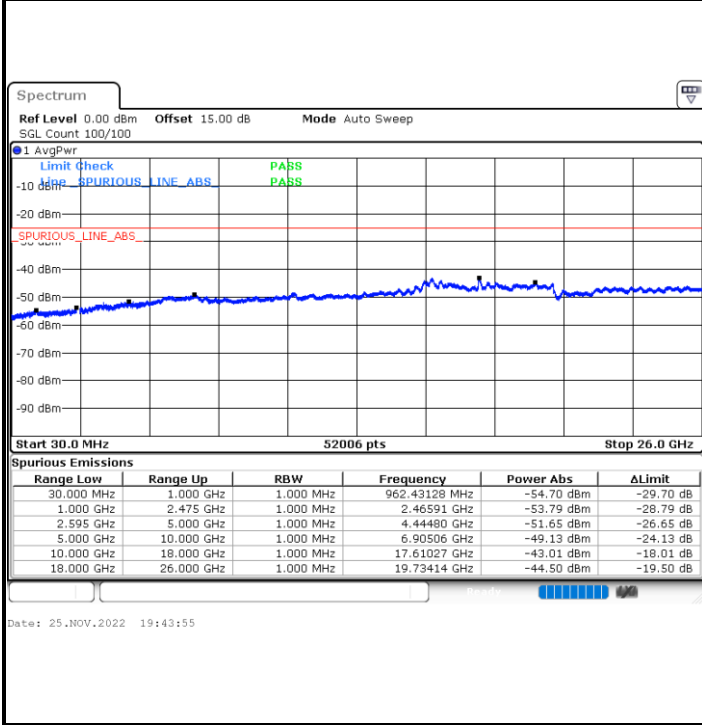
N/A



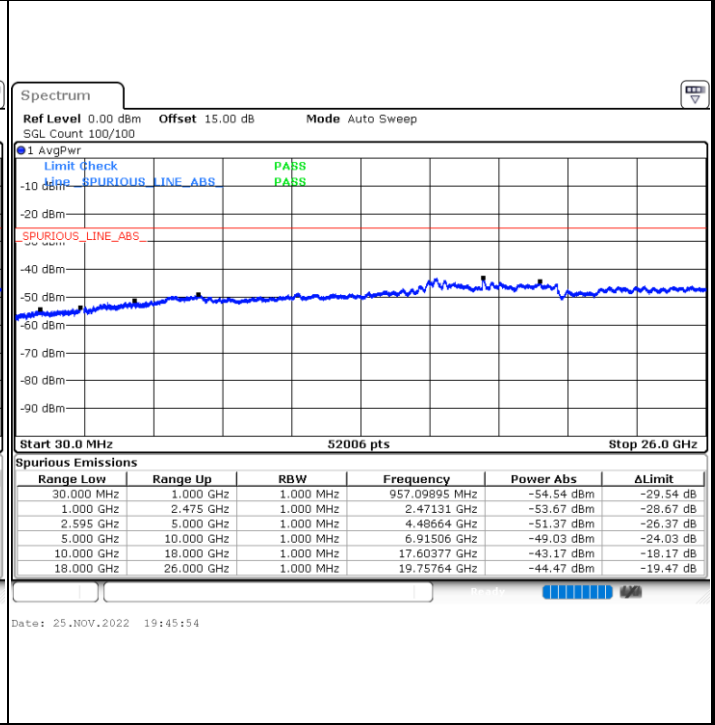


LTE Band 7 / 20MHz

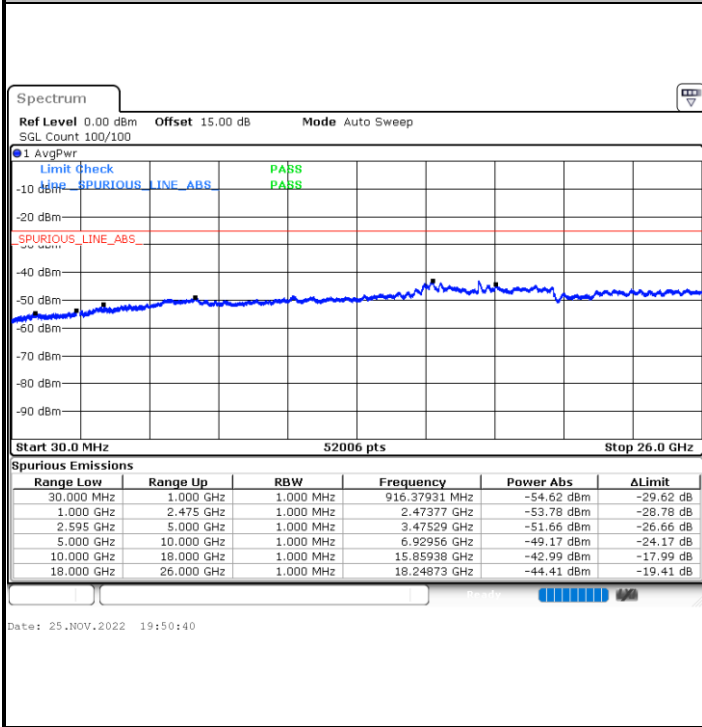
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM



N/A

N/A



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	0.0003	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.87 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 (Second PA, DC_7A_n5A)

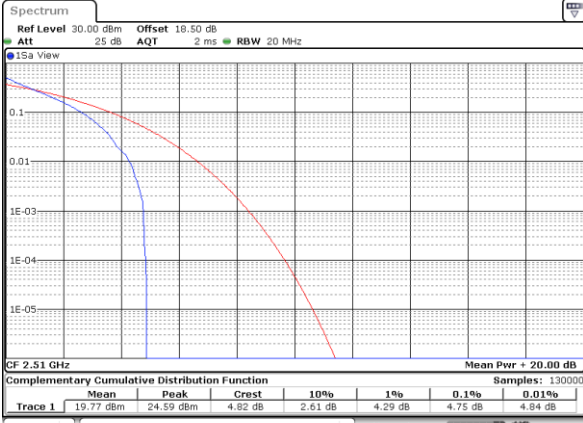
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.75	5.28	5.86	6.23	PASS
Middle CH	4.49	4.87	5.94	5.74	
Highest CH	4.72	5.10	5.83	6.12	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.38	6.49	-	-	PASS
Middle CH	6.61	6.23	-	-	
Highest CH	6.41	6.43	-	-	



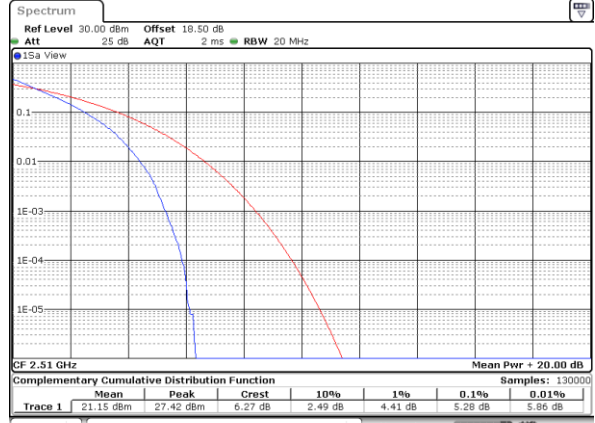
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



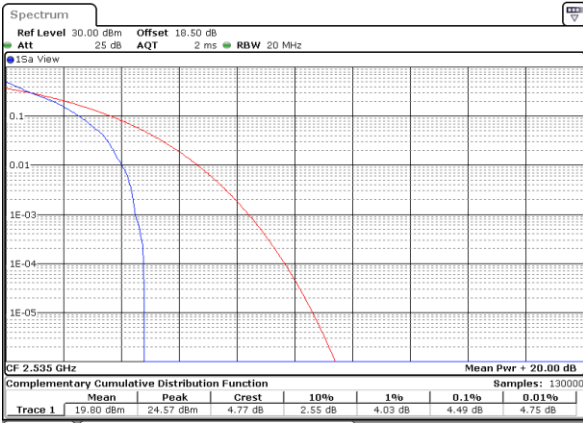
Date: 4_JAN_2023 01:05:08

Lowest Channel / Full RB



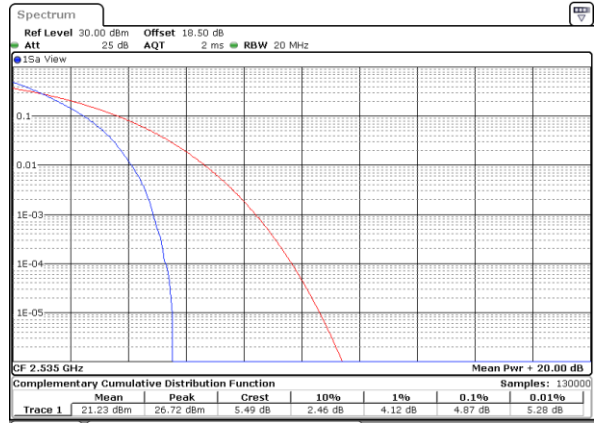
Date: 4_JAN_2023 01:05:16

Middle Channel / 1RB



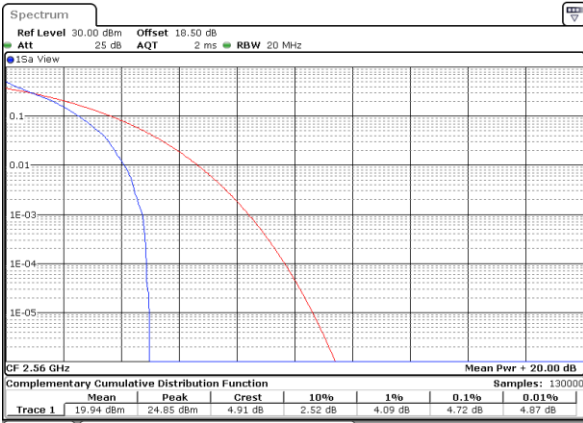
Date: 4_JAN_2023 01:04:13

Middle Channel / Full RB



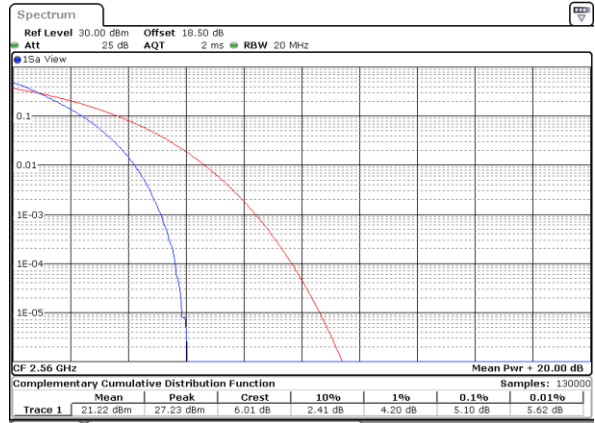
Date: 4_JAN_2023 01:04:03

Highest Channel / 1RB



Date: 4_JAN_2023 01:02:15

Highest Channel / Full RB



Date: 4_JAN_2023 01:02:28