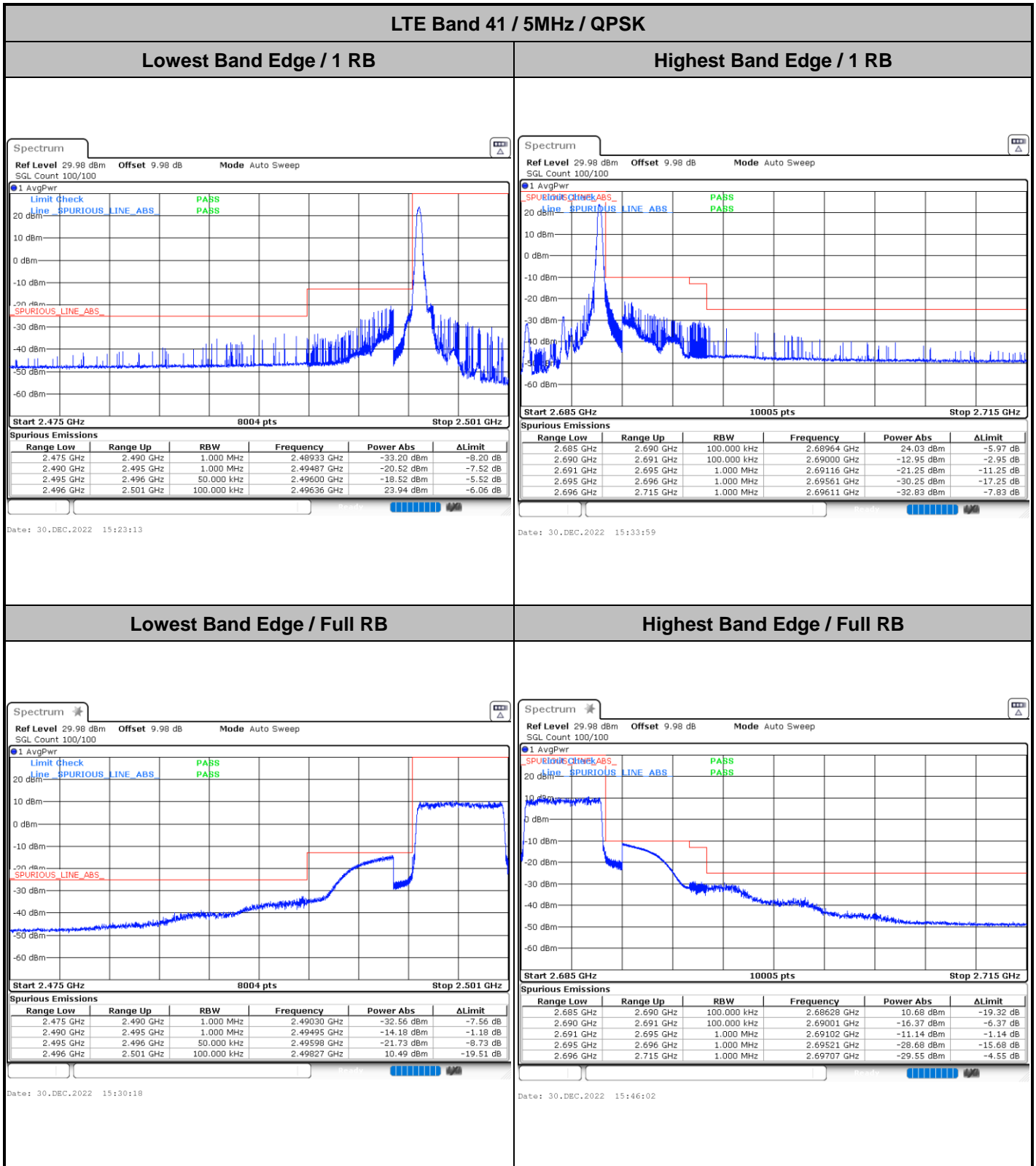




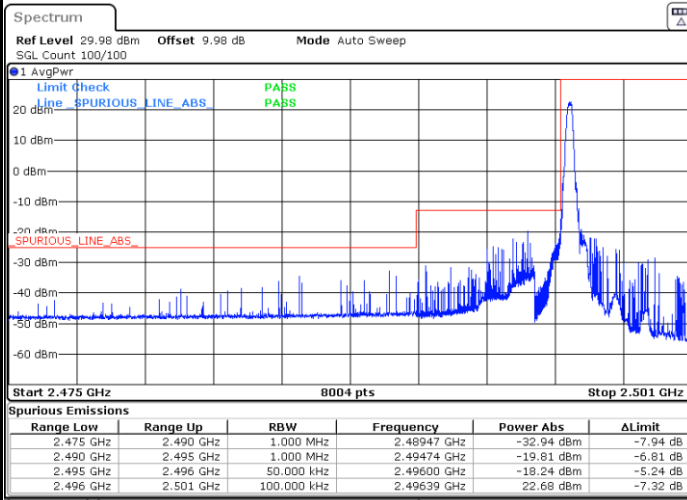
Conducted Band Edge





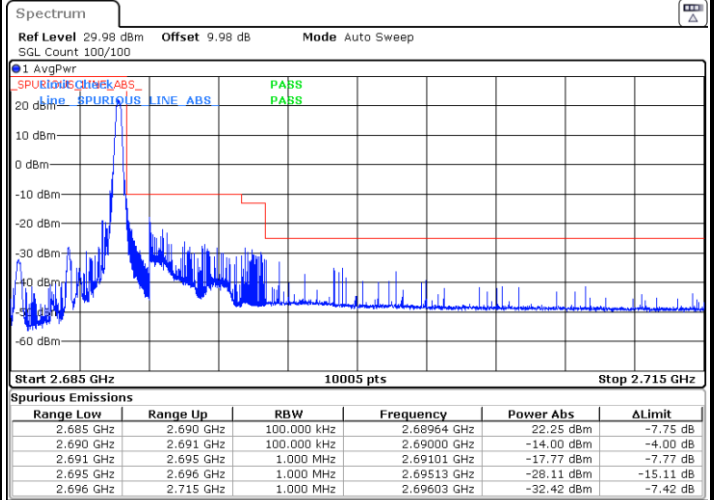
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



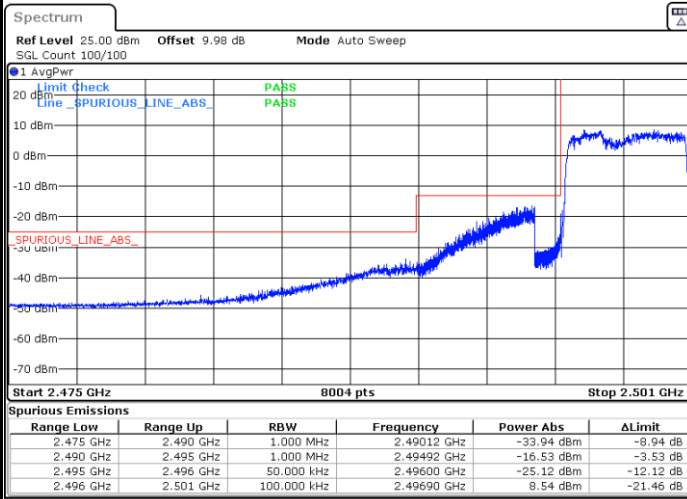
Date: 30.DEC.2022 15:24:14

Highest Band Edge / 1 RB



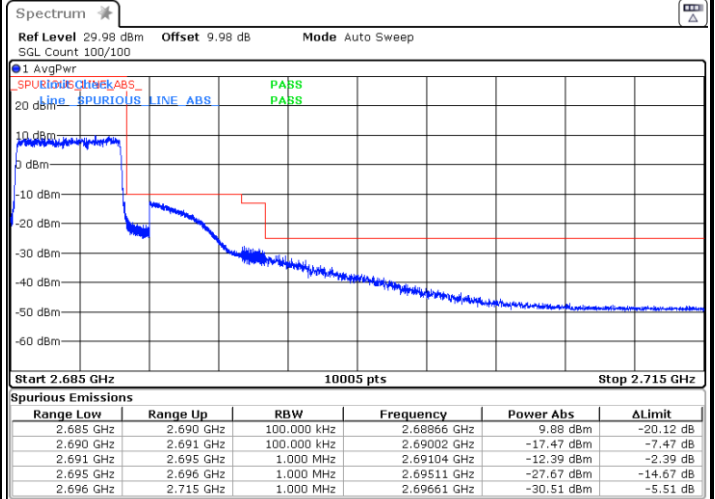
Date: 30.DEC.2022 15:34:59

Lowest Band Edge / Full RB



Date: 4.JAN.2023 09:32:19

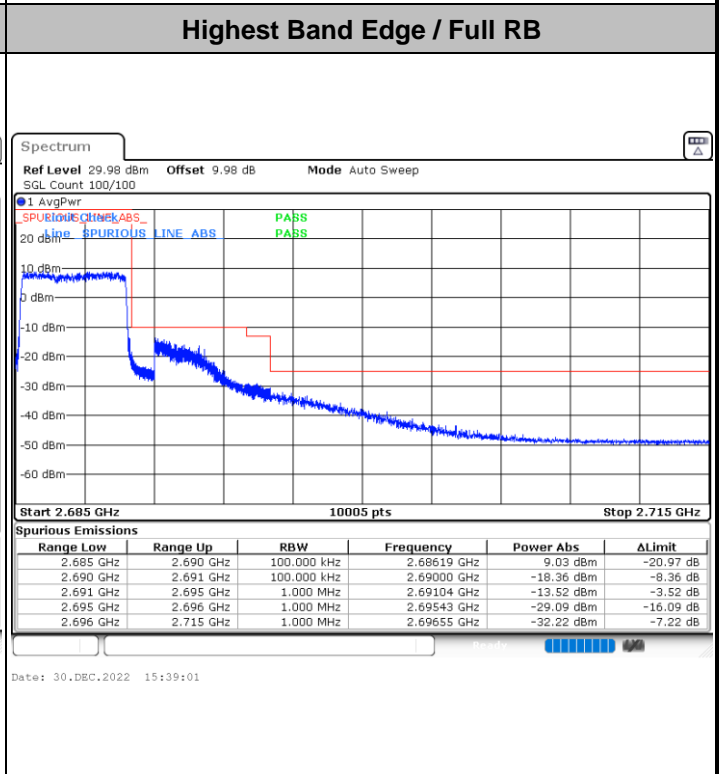
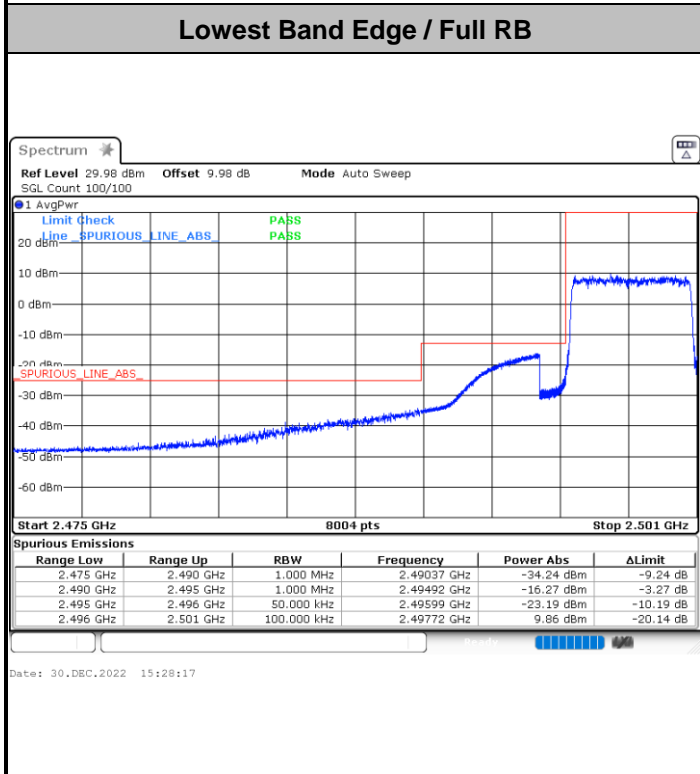
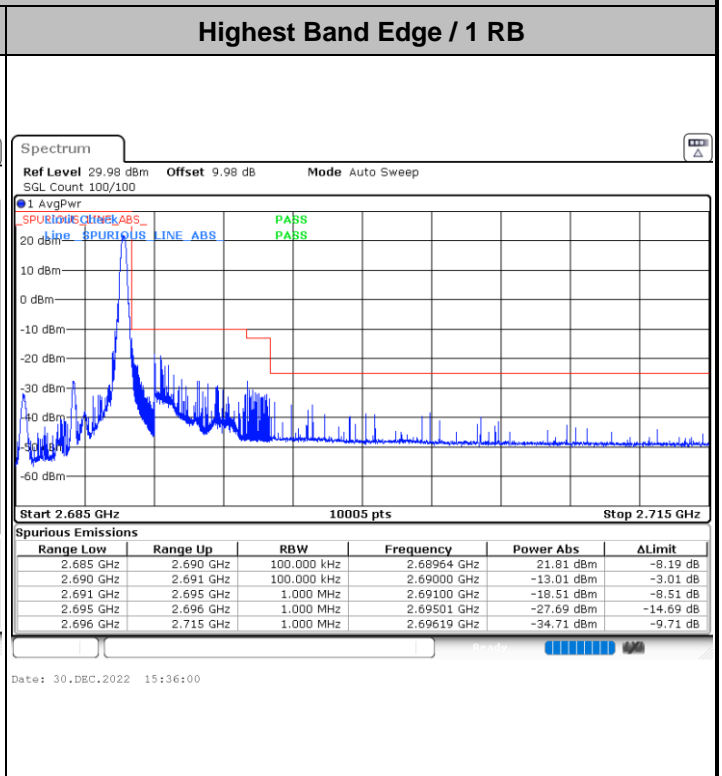
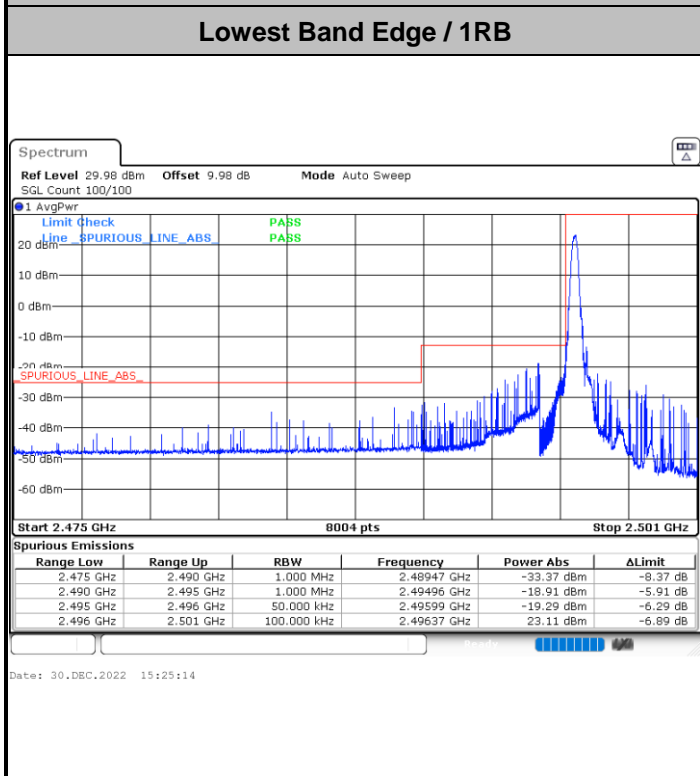
Highest Band Edge / Full RB



Date: 30.DEC.2022 15:41:52



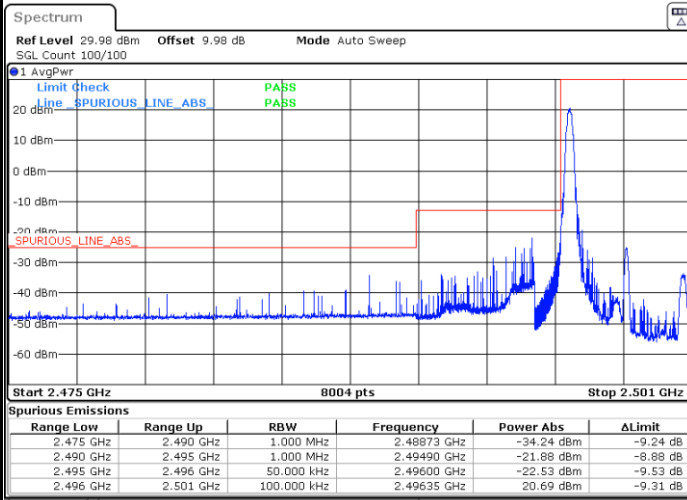
LTE Band 41 / 5MHz / 64QAM





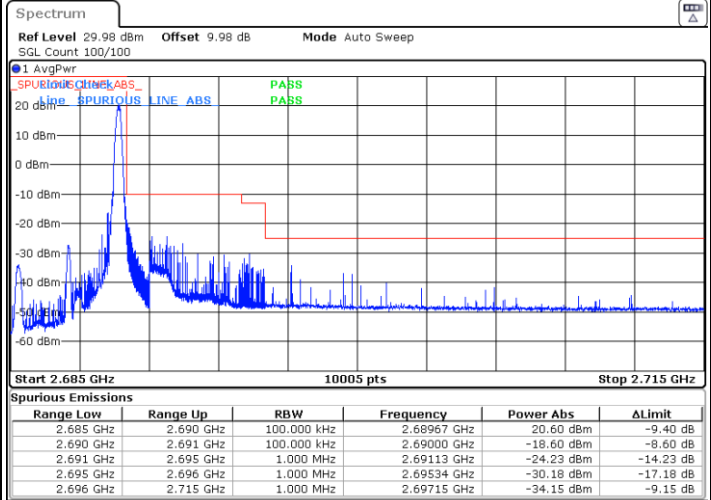
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



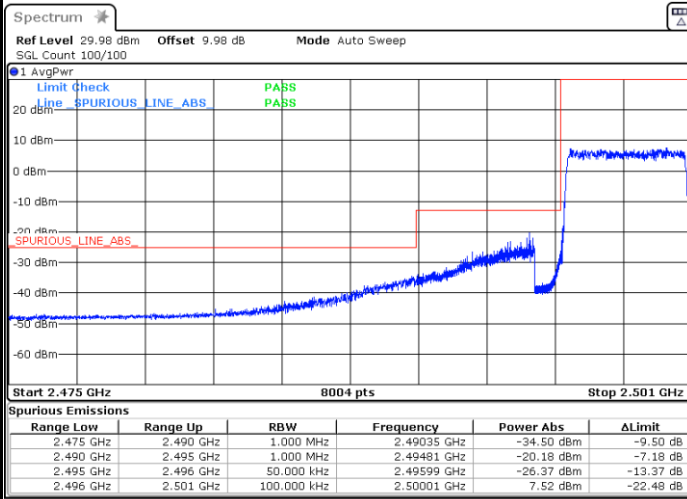
Date: 30.DEC.2022 15:26:15

Highest Band Edge / 1 RB



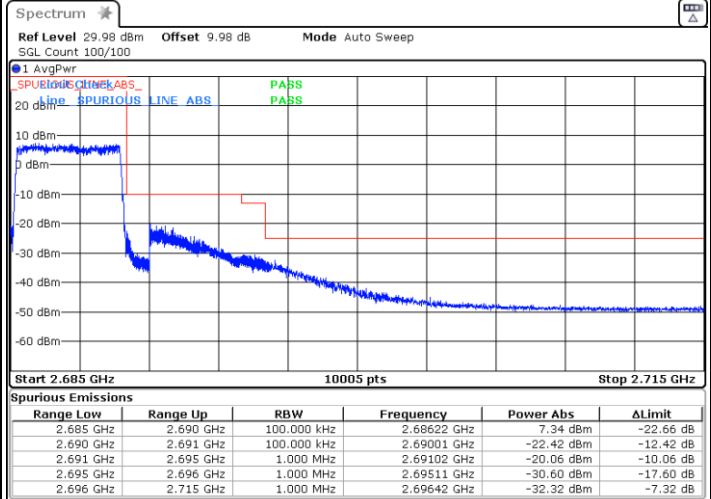
Date: 30.DEC.2022 15:37:00

Lowest Band Edge / Full RB



Date: 30.DEC.2022 15:27:16

Highest Band Edge / Full RB

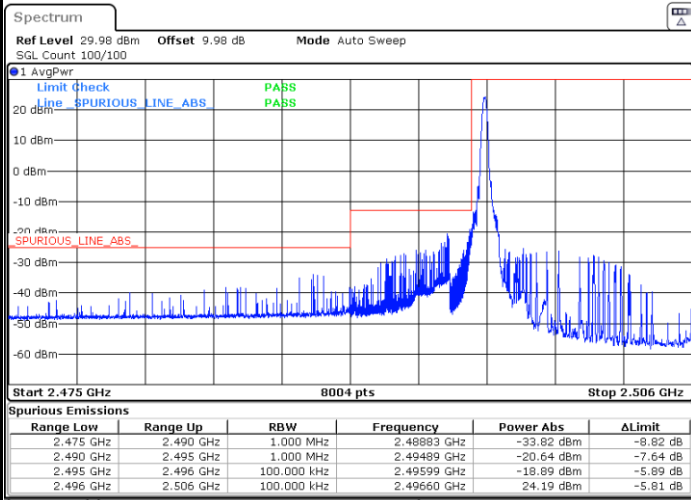


Date: 30.DEC.2022 15:38:01



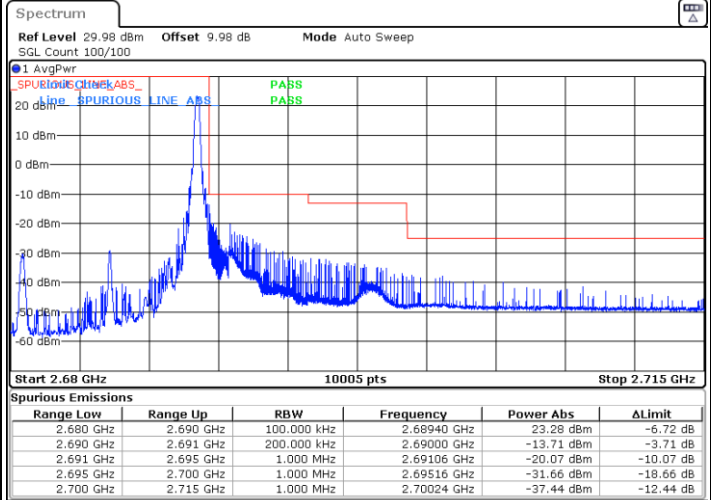
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



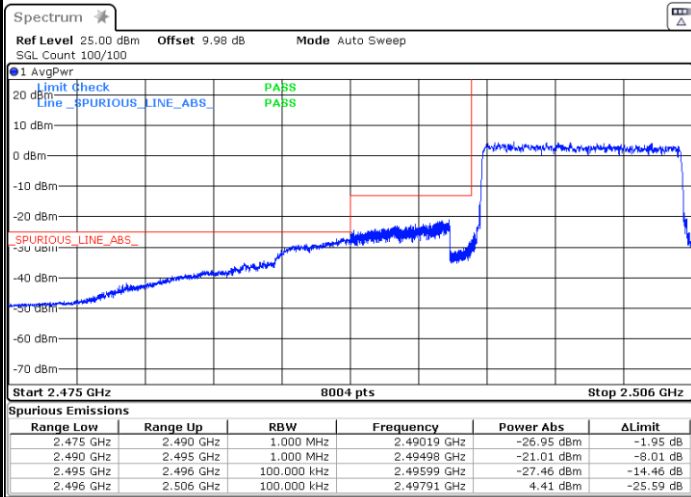
Date: 30.DEC.2022 15:51:51

Highest Band Edge / 1 RB



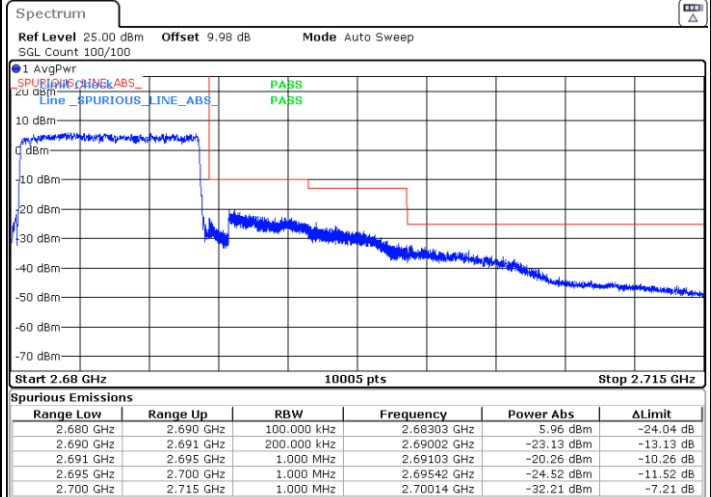
Date: 30.DEC.2022 16:04:43

Lowest Band Edge / Full RB



Date: 4.JAN.2023 18:08:13

Highest Band Edge / Full RB

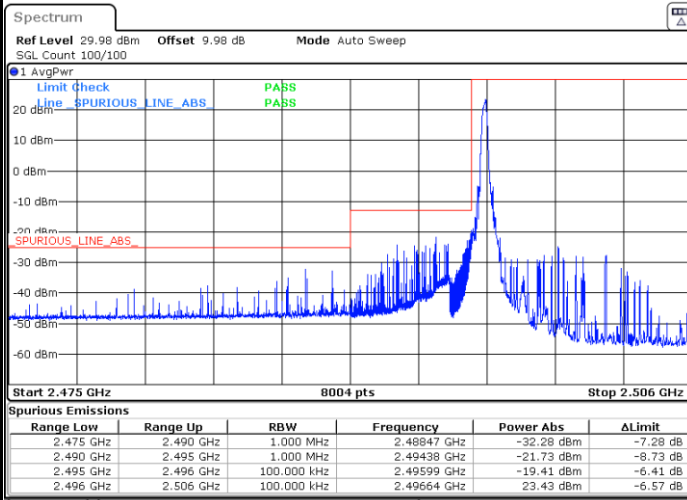


Date: 4.JAN.2023 09:36:34



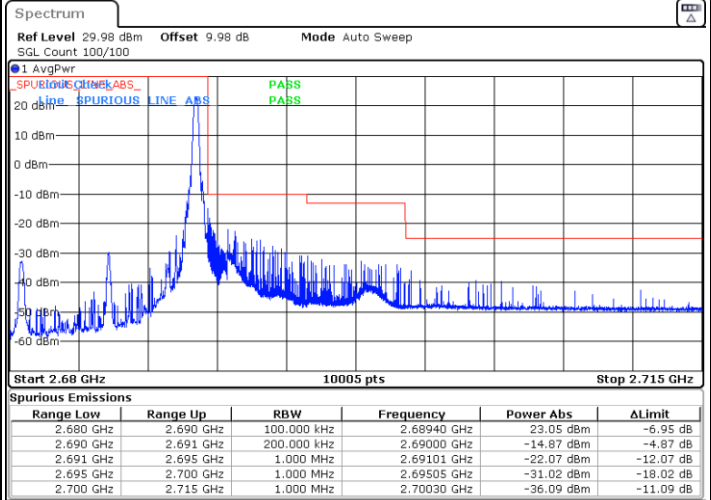
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



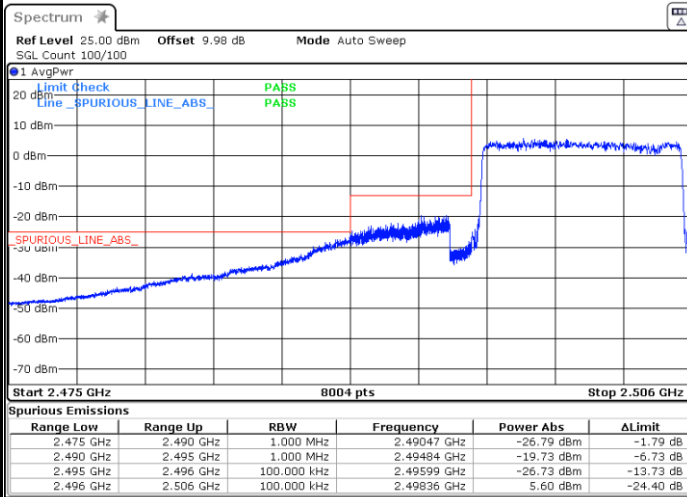
Date: 30. DEC. 2022 15:52:52

Highest Band Edge / 1 RB



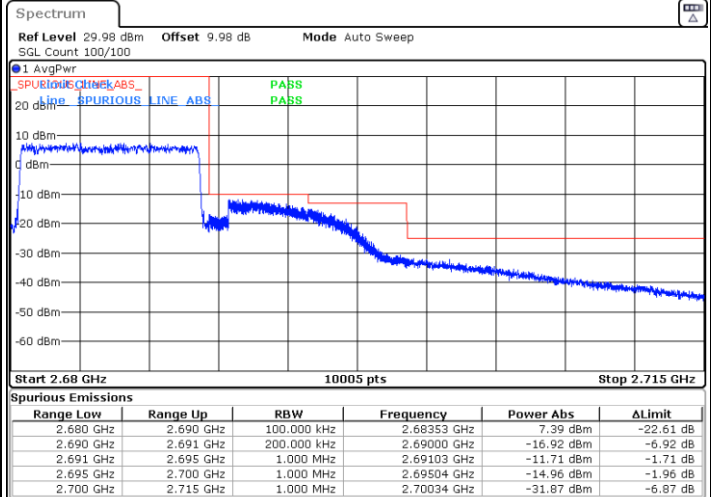
Date: 30. DEC. 2022 16:05:43

Lowest Band Edge / Full RB



Date: 4. JAN. 2023 09:35:04

Highest Band Edge / Full RB

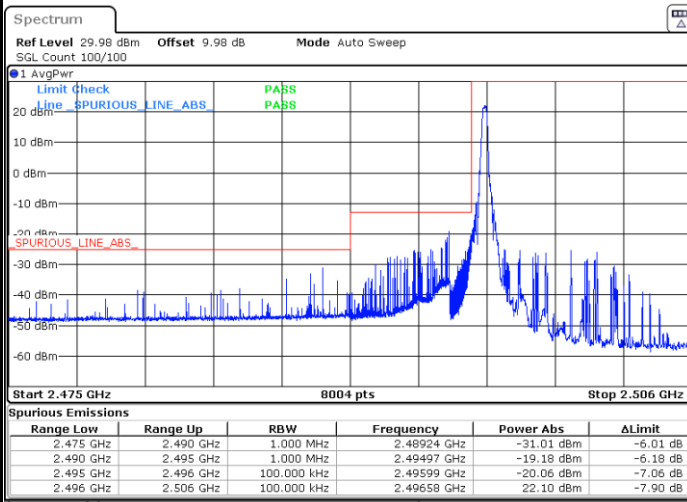


Date: 30. DEC. 2022 16:11:58



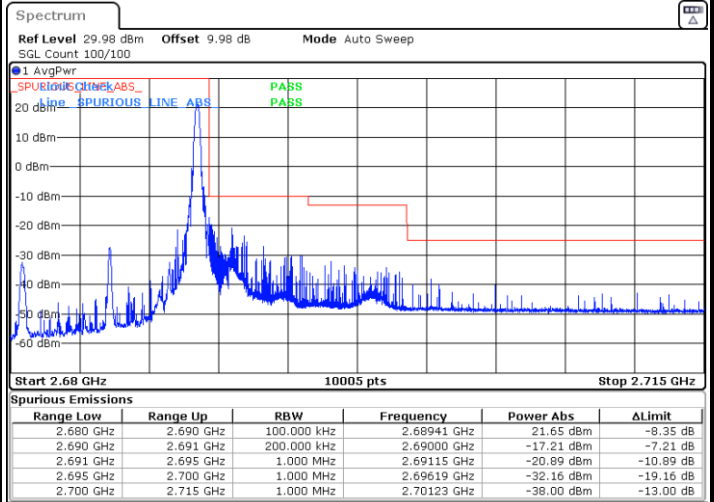
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



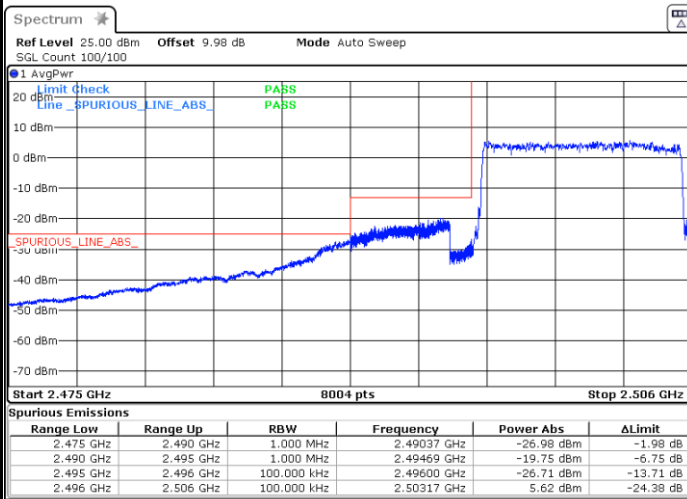
Date: 30.DEC.2022 15:53:52

Highest Band Edge / 1 RB



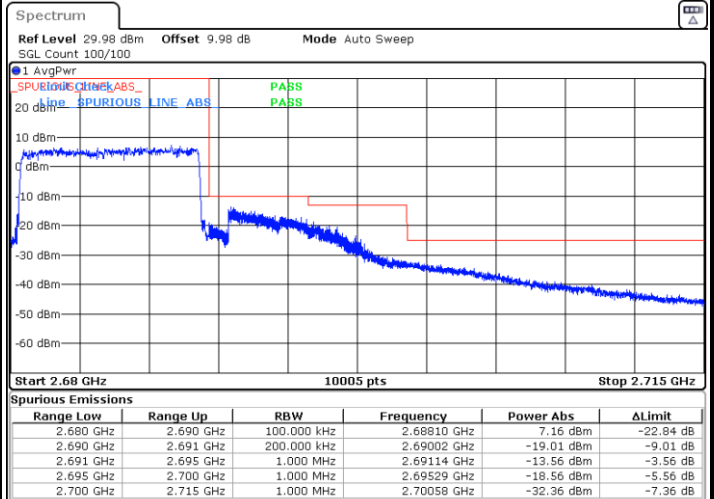
Date: 30.DEC.2022 16:06:43

Lowest Band Edge / Full RB



Date: 4.JAN.2023 09:35:55

Highest Band Edge / Full RB

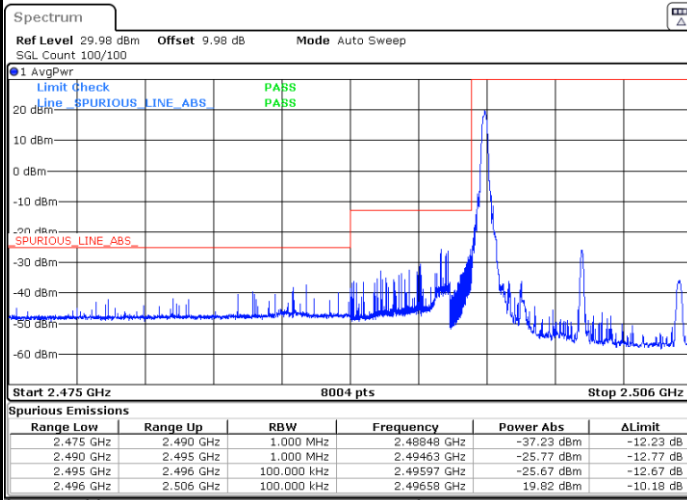


Date: 30.DEC.2022 16:10:58



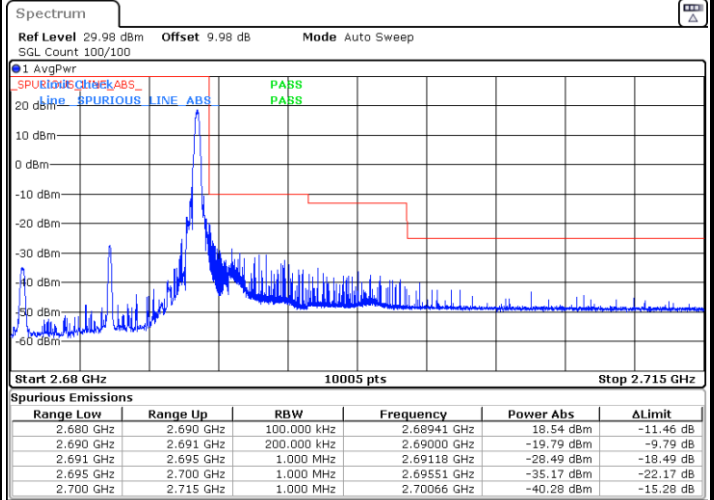
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB



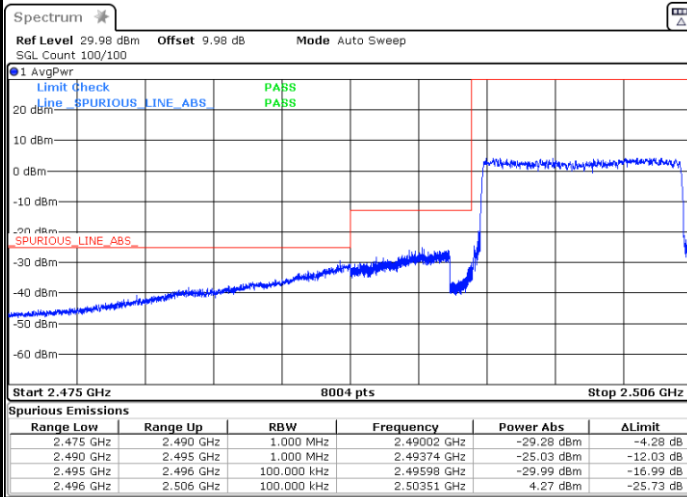
Date: 30.DEC.2022 15:54:53

Highest Band Edge / 1 RB



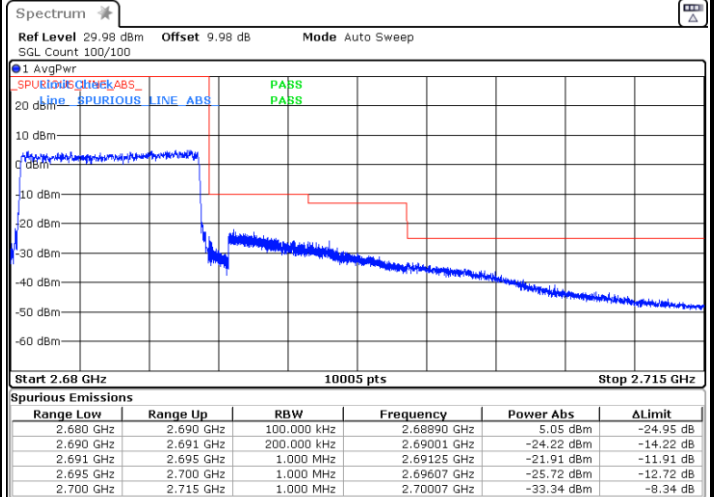
Date: 30.DEC.2022 16:07:44

Lowest Band Edge / Full RB



Date: 30.DEC.2022 15:58:01

Highest Band Edge / Full RB

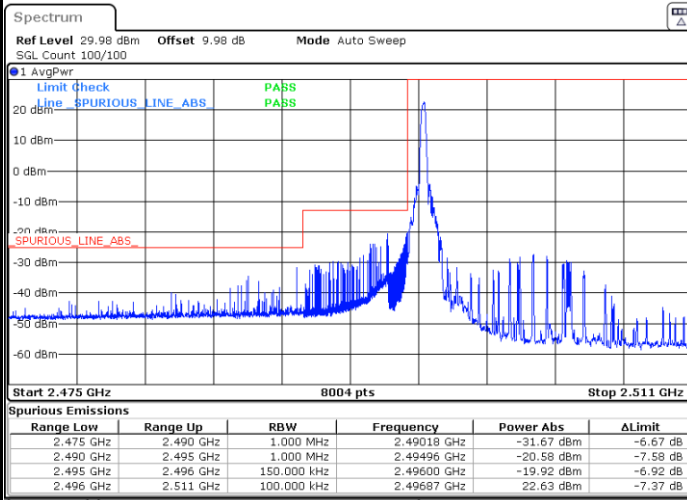


Date: 30.DEC.2022 16:09:57



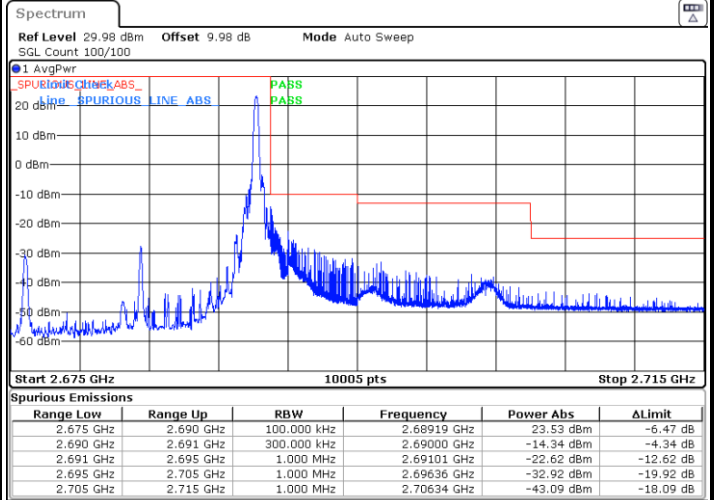
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



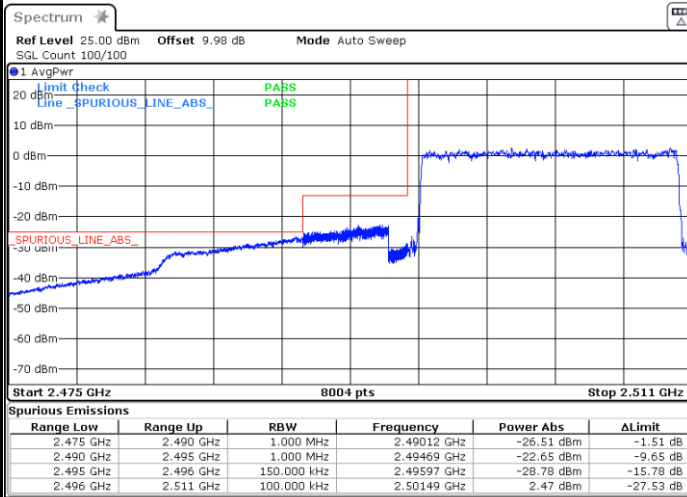
Date: 30.DEC.2022 16:15:20

Highest Band Edge / 1 RB



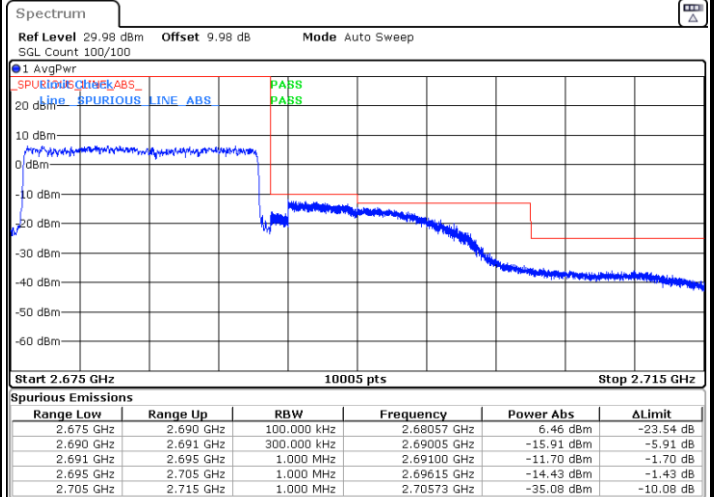
Date: 30.DEC.2022 16:35:37

Lowest Band Edge / Full RB



Date: 4.JAN.2023 18:08:55

Highest Band Edge / Full RB

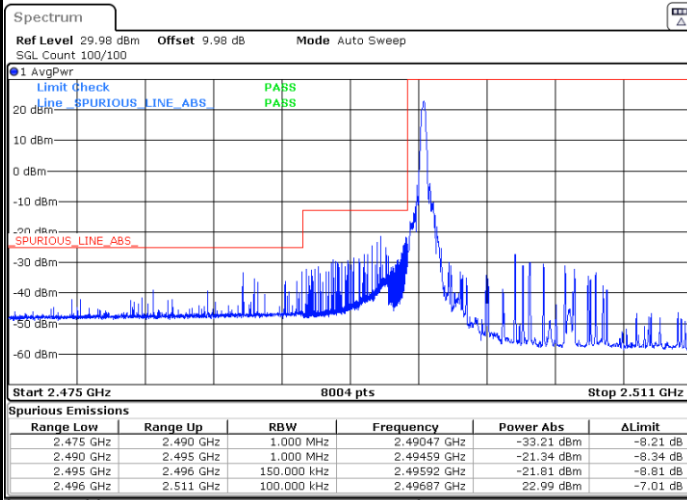


Date: 30.DEC.2022 16:46:57



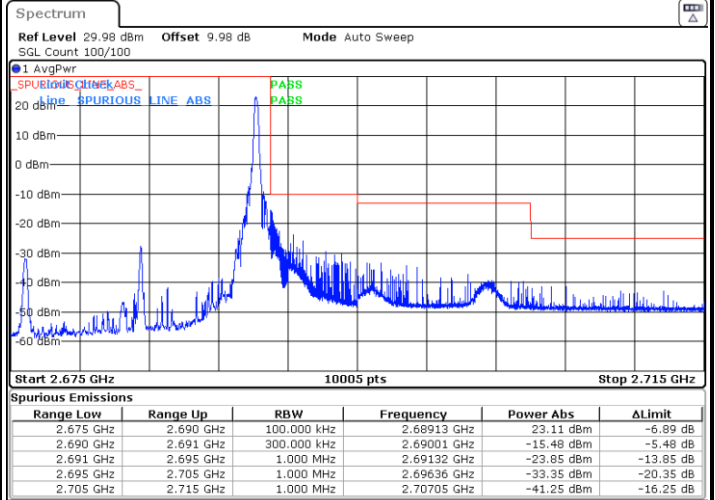
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



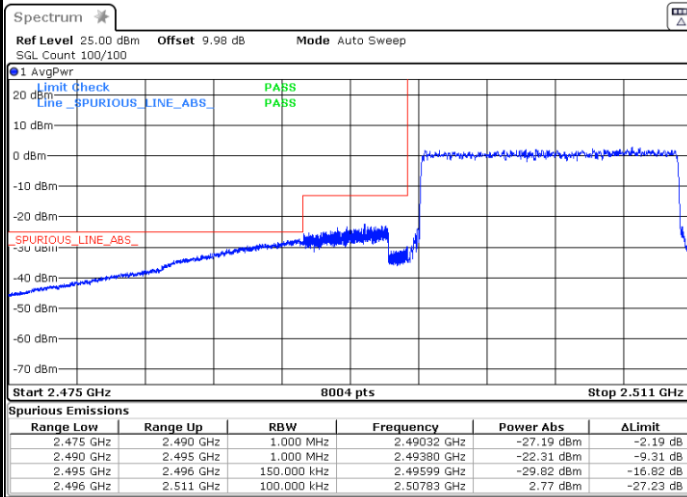
Date: 30.DEC.2022 16:16:21

Highest Band Edge / 1 RB



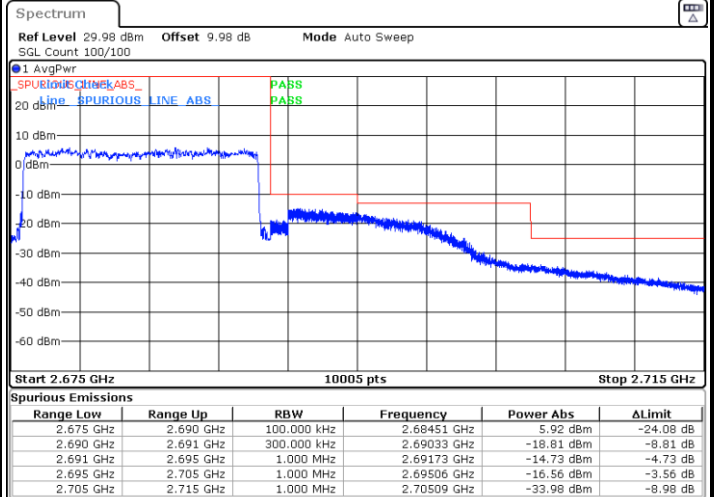
Date: 30.DEC.2022 16:36:37

Lowest Band Edge / Full RB



Date: 4.JAN.2023 18:09:30

Highest Band Edge / Full RB

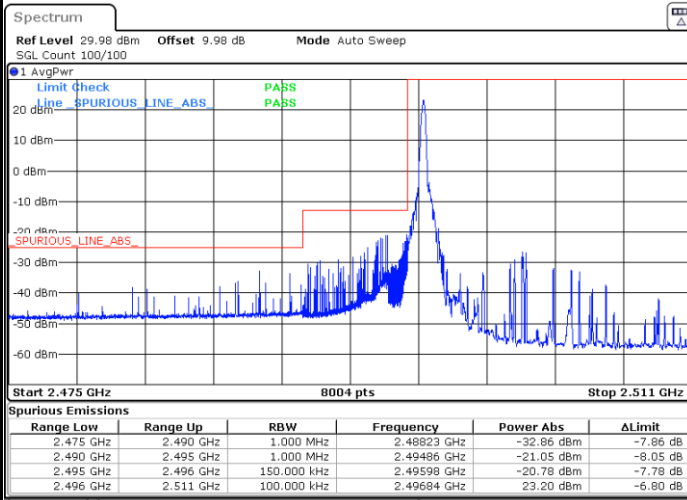


Date: 30.DEC.2022 16:46:31



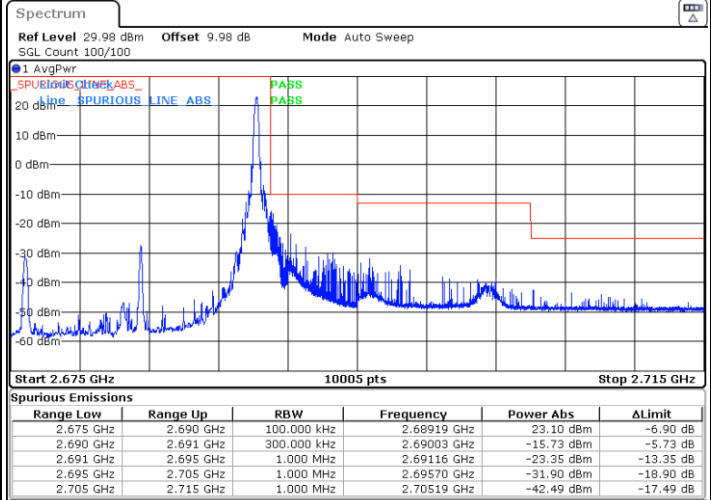
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



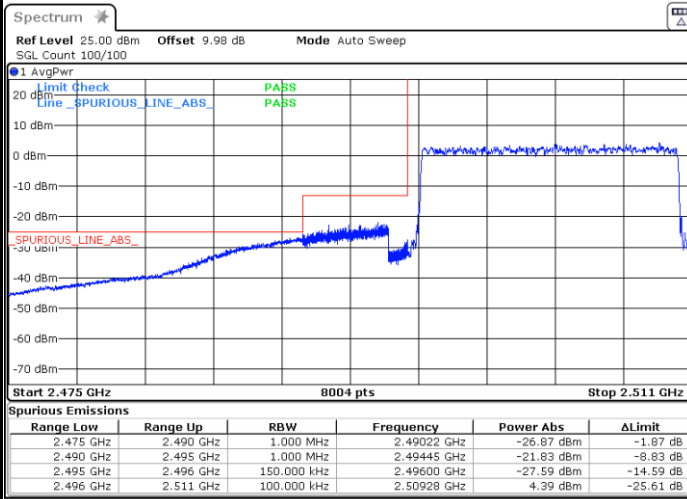
Date: 30.DEC.2022 16:17:21

Highest Band Edge / 1 RB



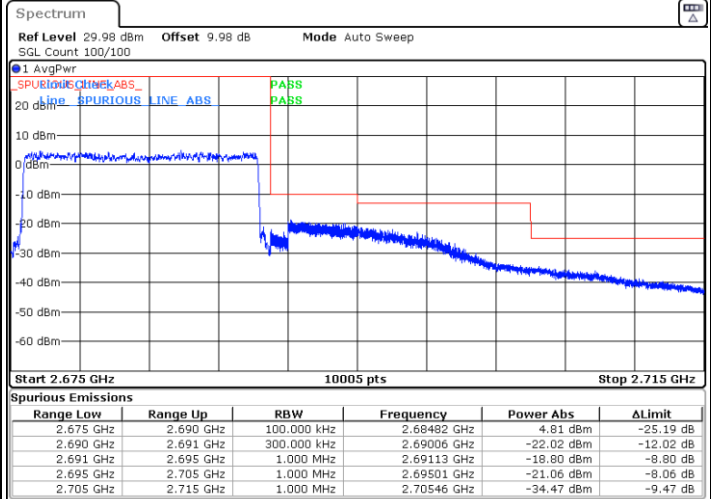
Date: 30.DEC.2022 16:37:38

Lowest Band Edge / Full RB



Date: 4.JAN.2023 09:41:54

Highest Band Edge / Full RB

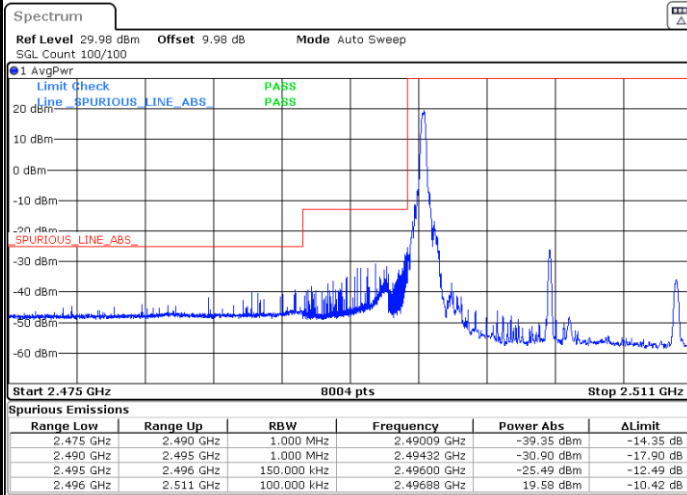


Date: 30.DEC.2022 16:45:43

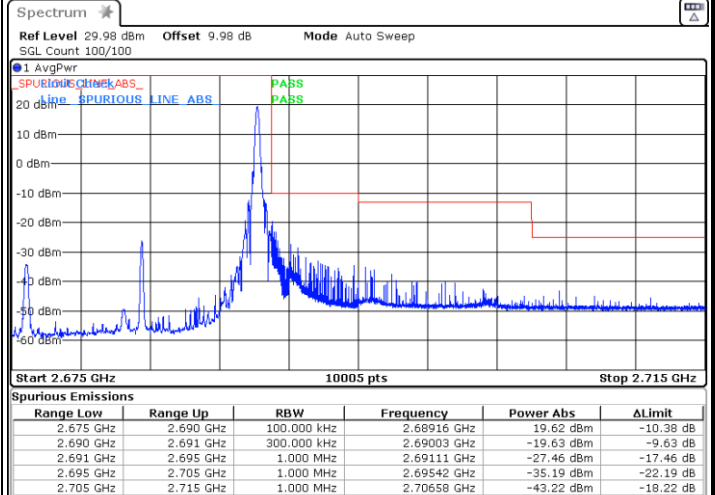


LTE Band 41 / 15MHz / 256QAM

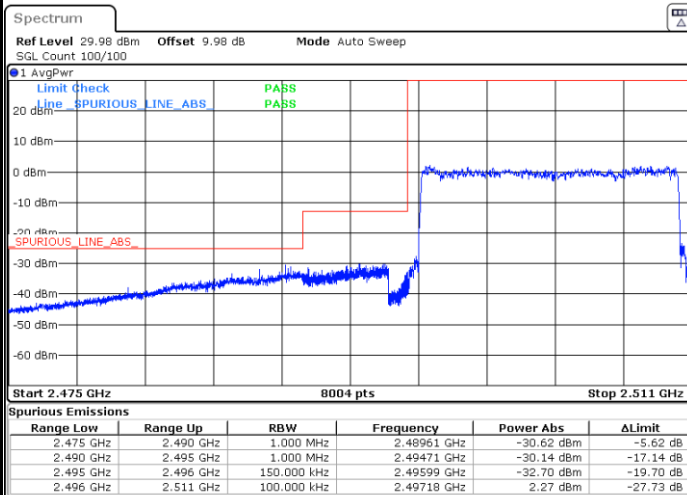
Lowest Band Edge / 1RB



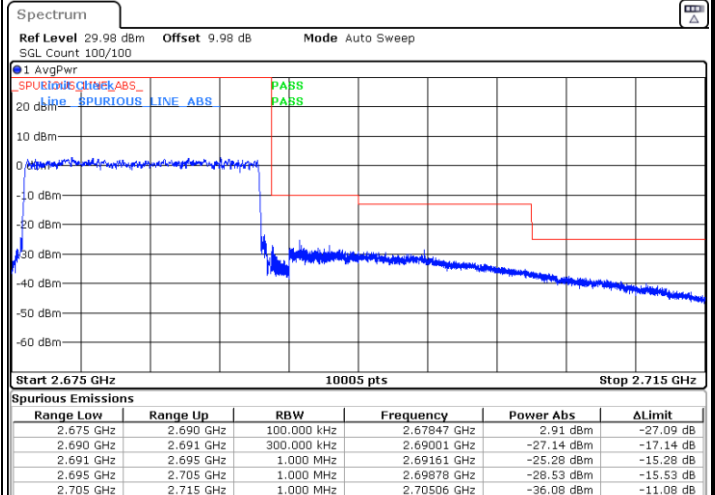
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



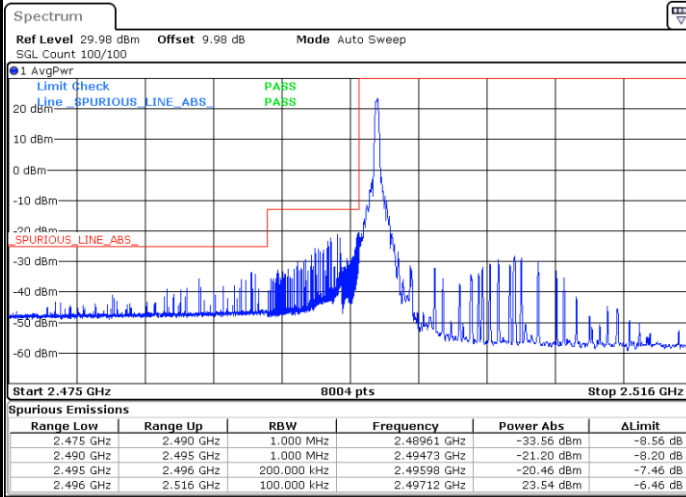
Highest Band Edge / Full RB





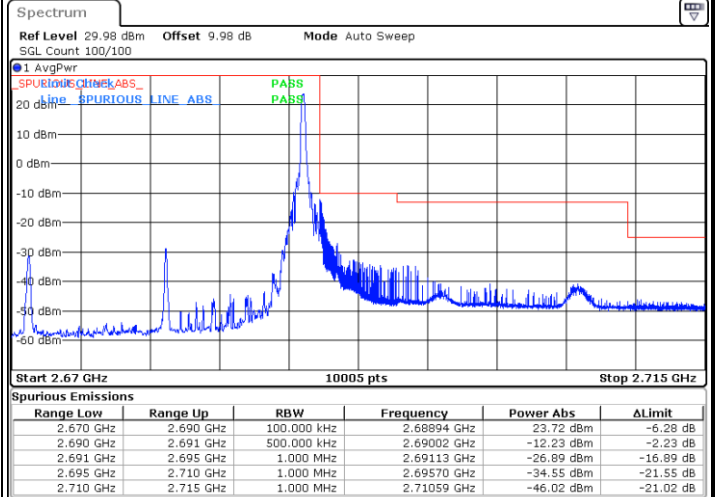
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



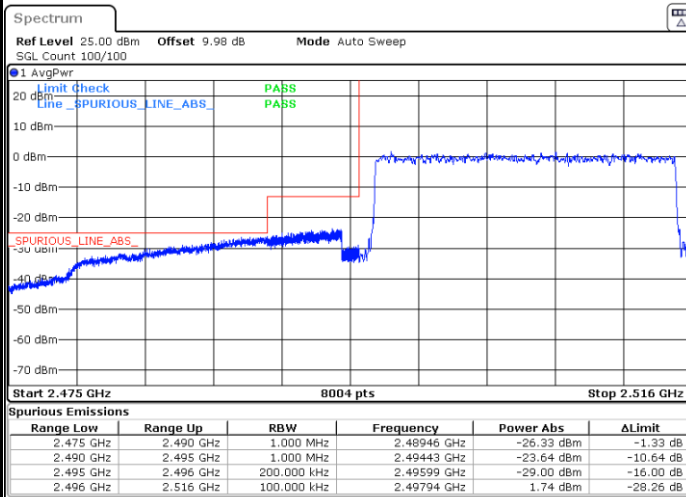
Date: 31.DEC.2022 13:40:31

Highest Band Edge / 1 RB



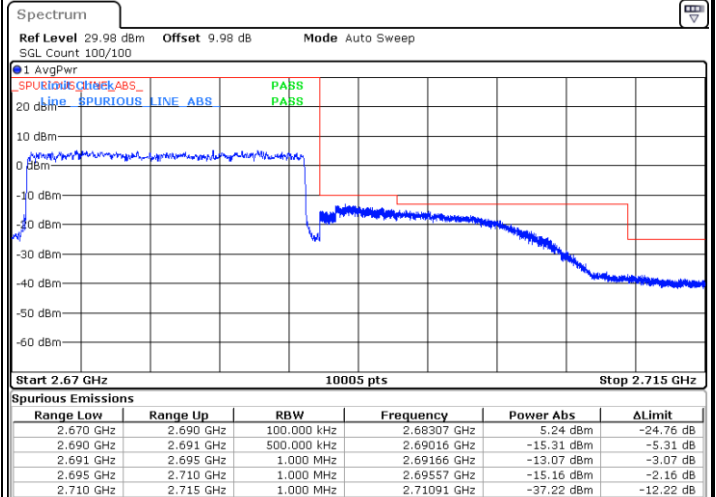
Date: 31.DEC.2022 13:52:11

Lowest Band Edge / Full RB



Date: 4.JAN.2023 18:10:01

Highest Band Edge / Full RB

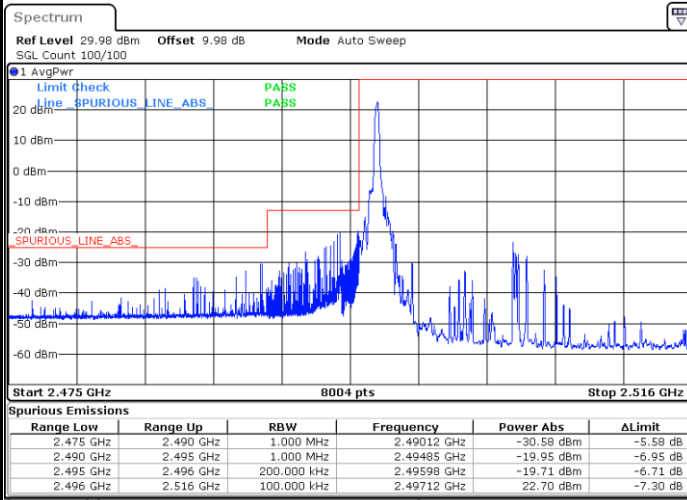


Date: 31.DEC.2022 14:46:13



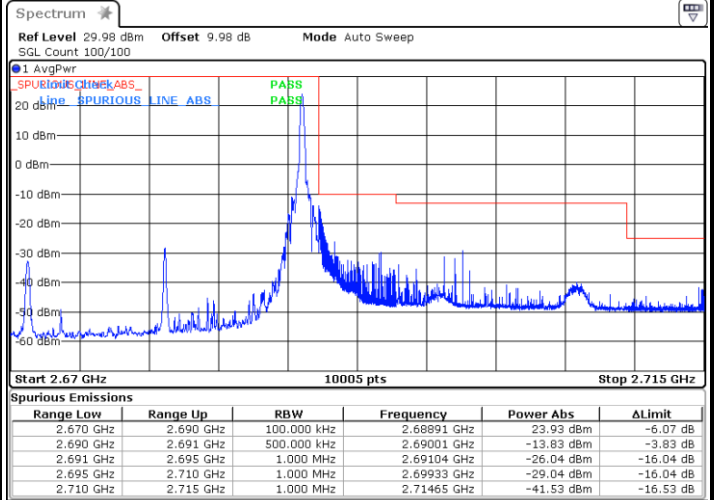
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



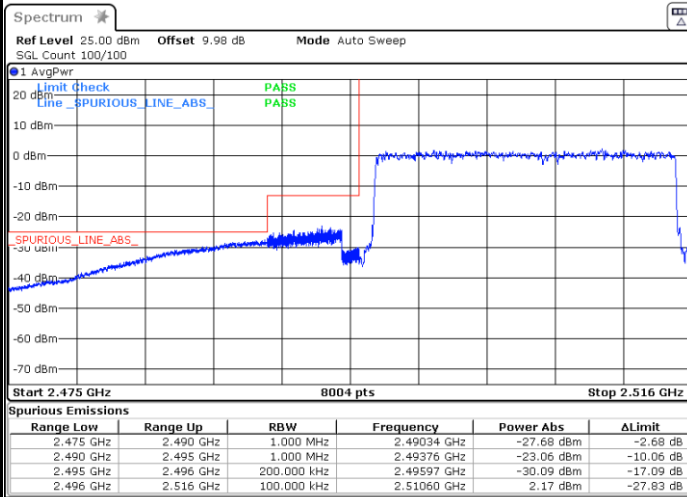
Date: 31.DEC.2022 13:41:32

Highest Band Edge / 1 RB



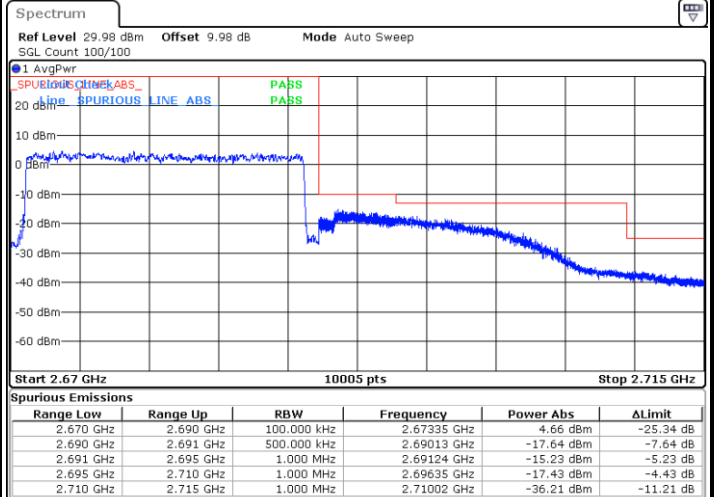
Date: 31.DEC.2022 14:40:12

Lowest Band Edge / Full RB



Date: 4.JAN.2023 09:44:29

Highest Band Edge / Full RB

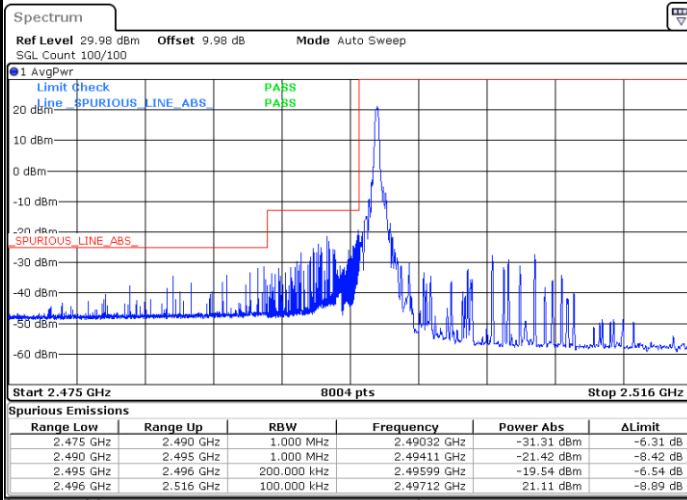


Date: 31.DEC.2022 14:45:13



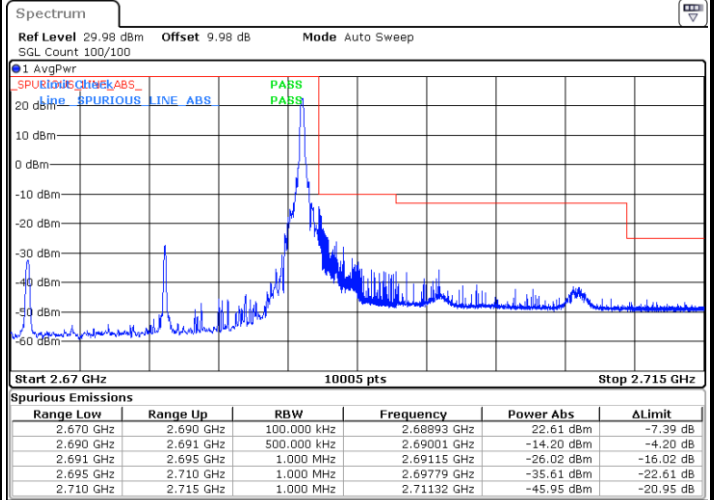
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



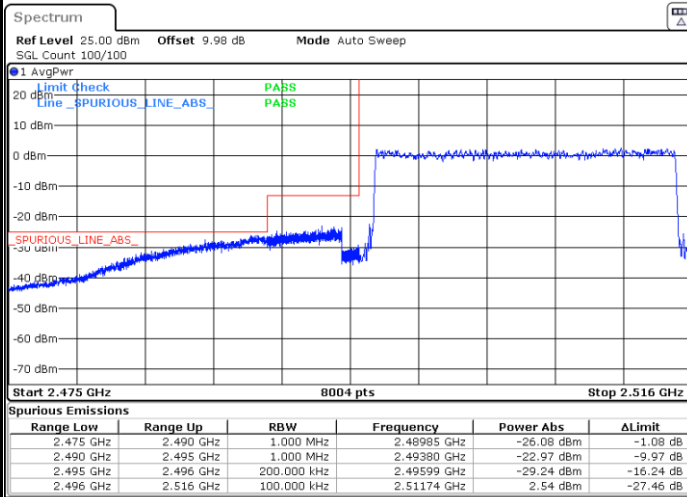
Date: 31.DEC.2022 13:42:32

Highest Band Edge / 1 RB



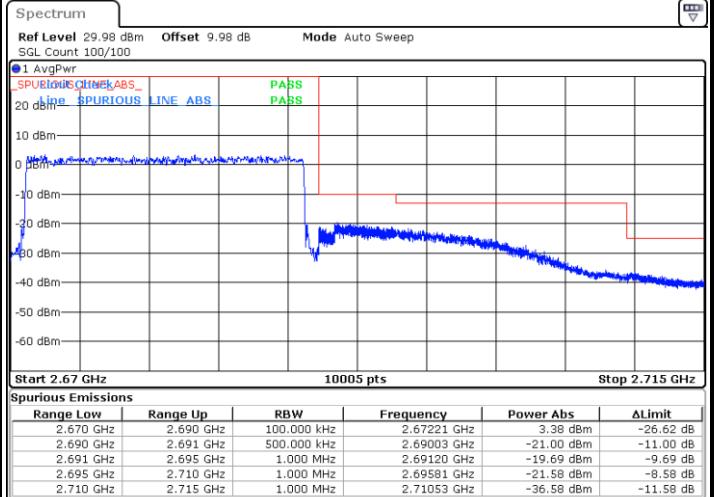
Date: 31.DEC.2022 14:41:12

Lowest Band Edge / Full RB



Date: 4.JAN.2023 09:45:00

Highest Band Edge / Full RB

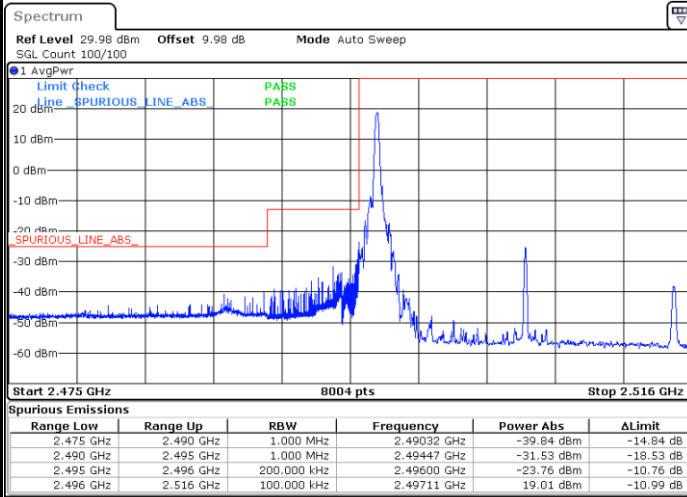


Date: 31.DEC.2022 14:44:13



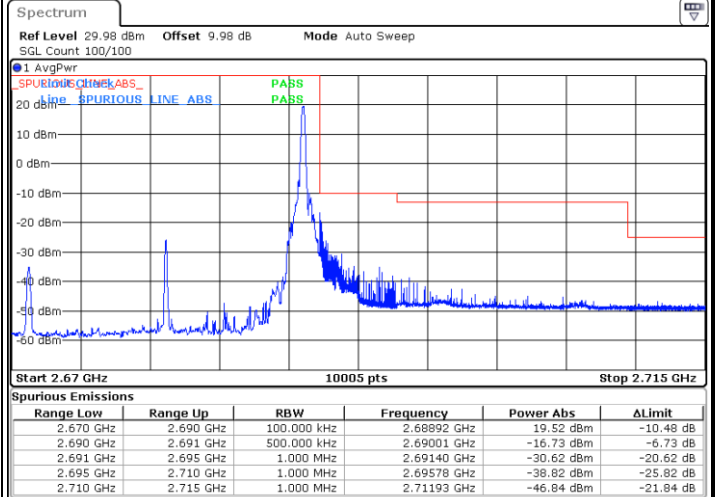
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB



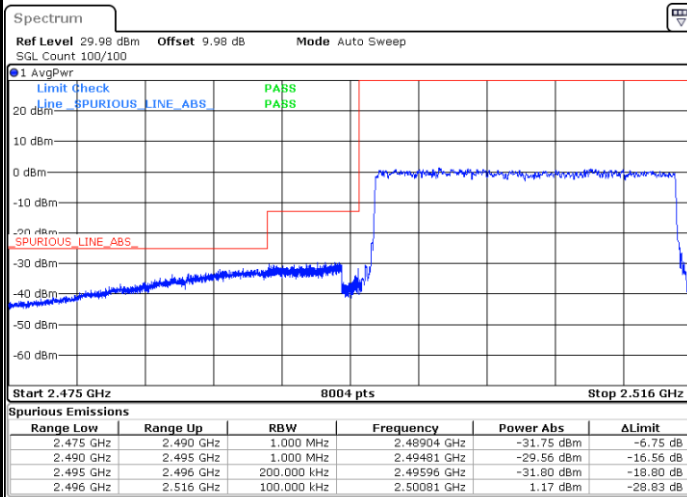
Date: 31.DEC.2022 13:43:33

Highest Band Edge / 1 RB



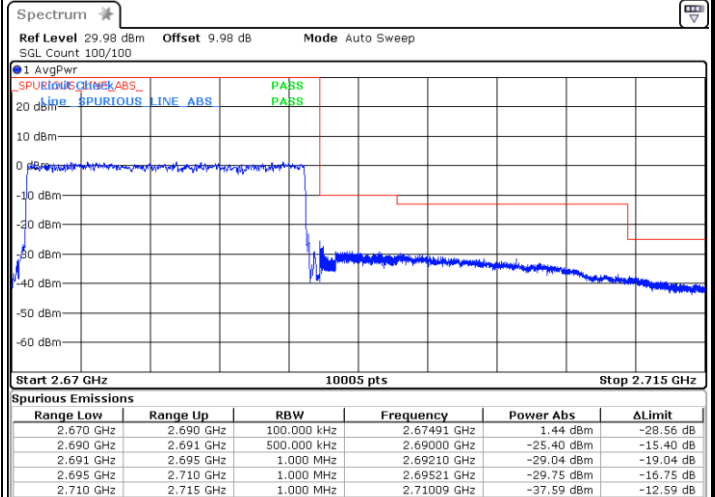
Date: 31.DEC.2022 14:42:12

Lowest Band Edge / Full RB



Date: 31.DEC.2022 13:45:29

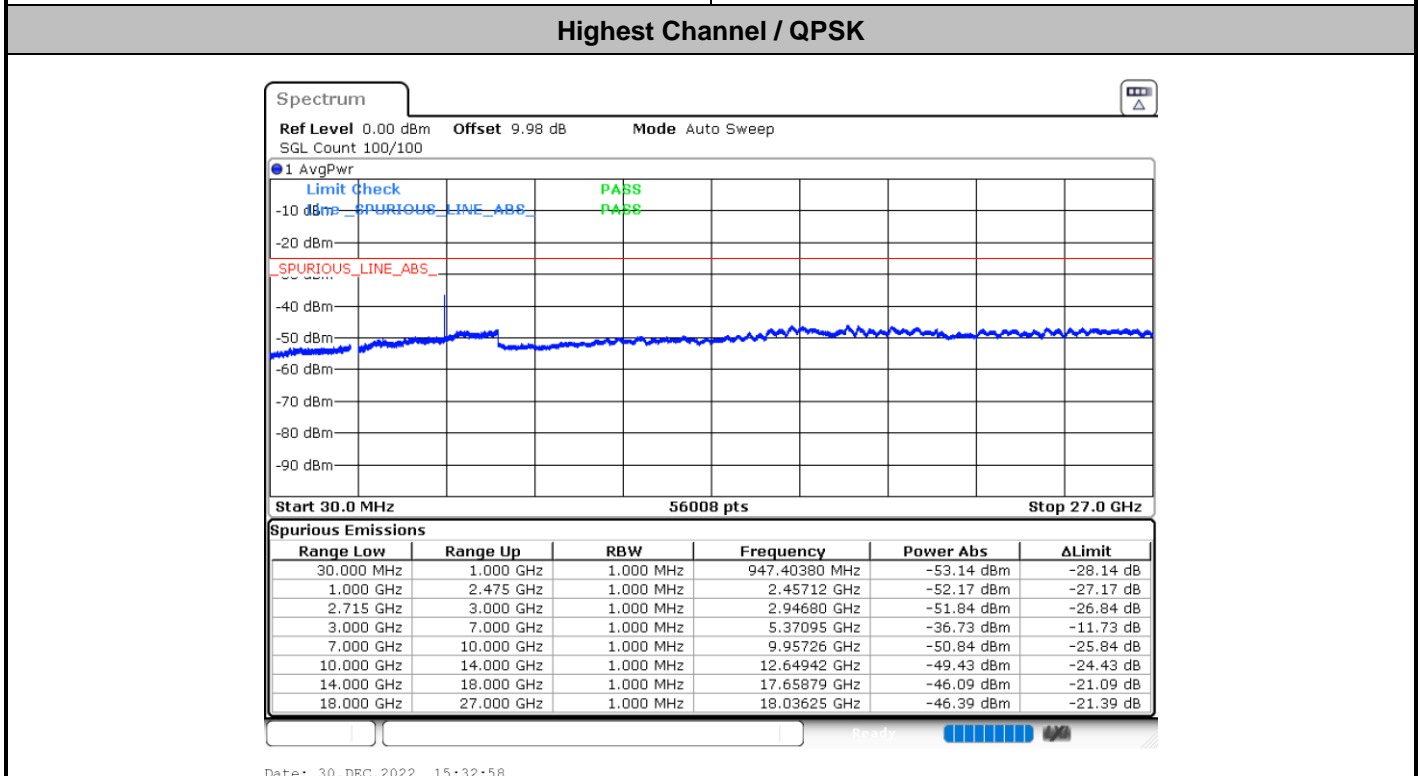
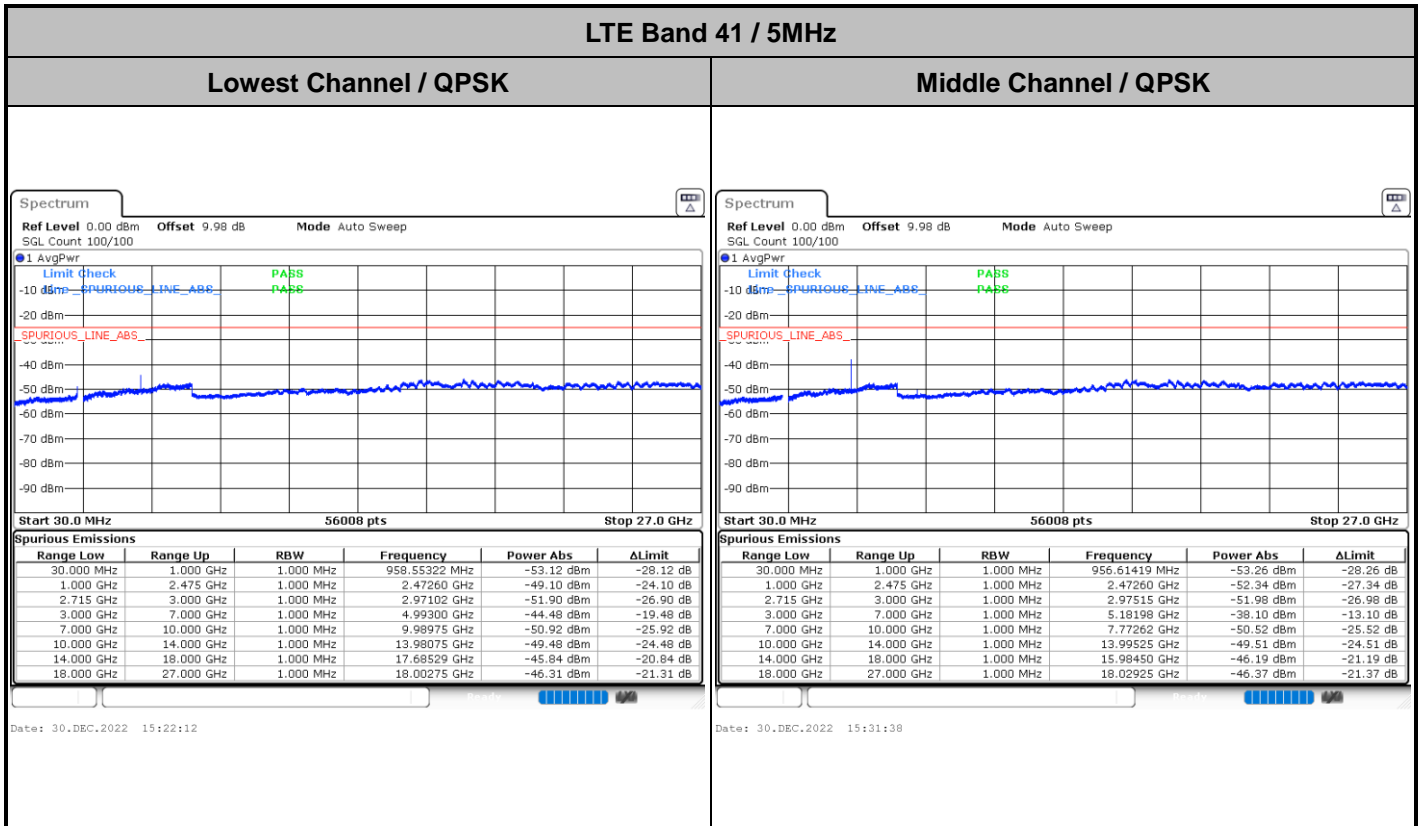
Highest Band Edge / Full RB



Date: 31.DEC.2022 14:43:13



Conducted Spurious Emission

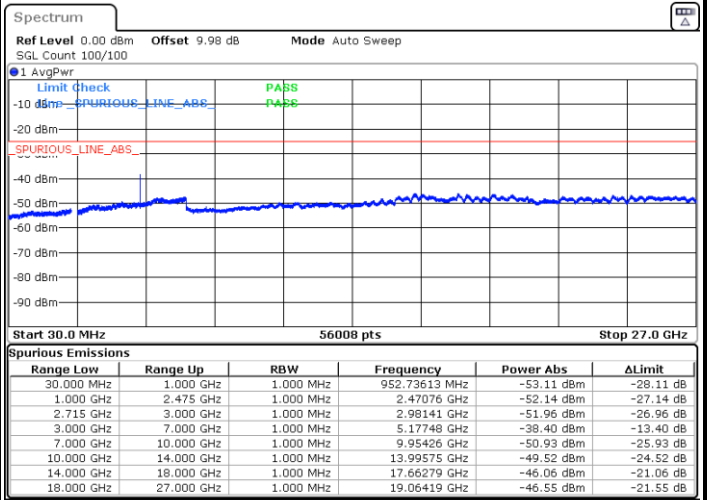
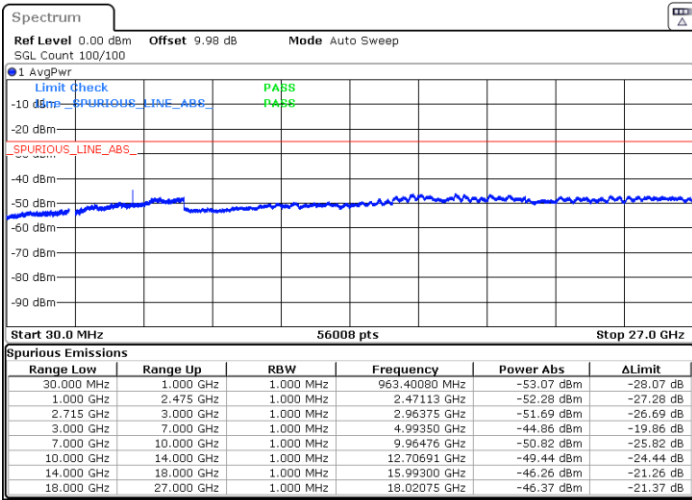




LTE Band 41 / 10MHz

Lowest Channel / QPSK

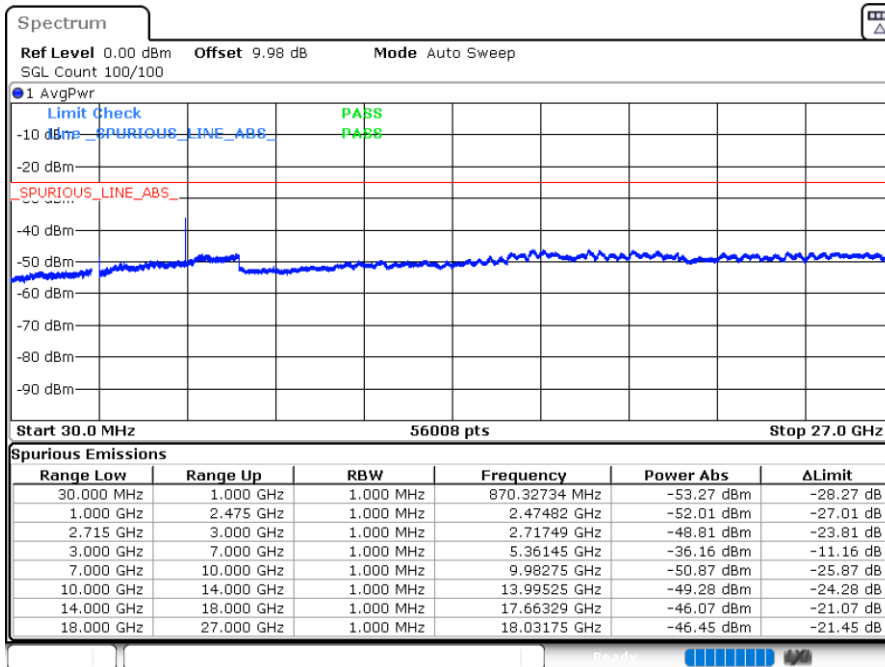
Middle Channel / QPSK



Date: 30. DEC. 2022 15:50:50

Date: 30. DEC. 2022 16:02:22

Highest Channel / QPSK

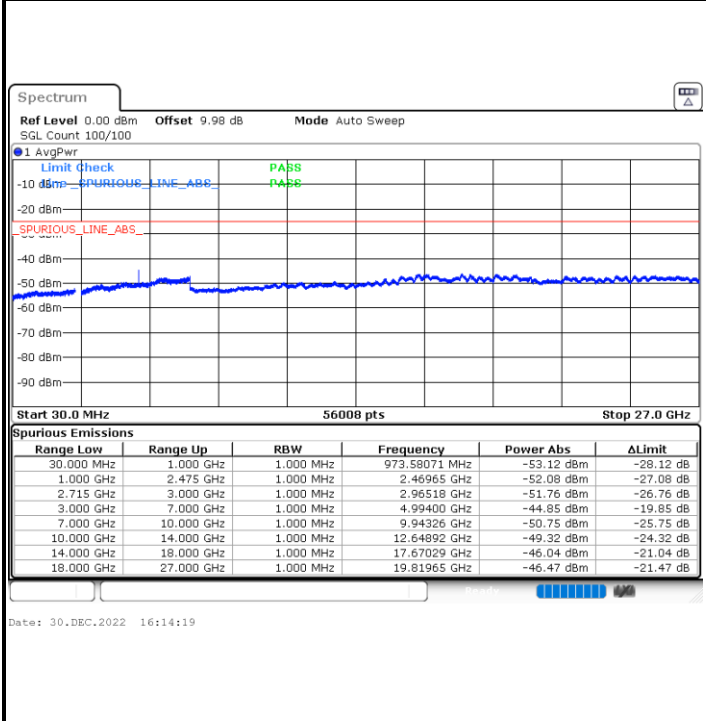


Date: 30. DEC. 2022 16:03:42

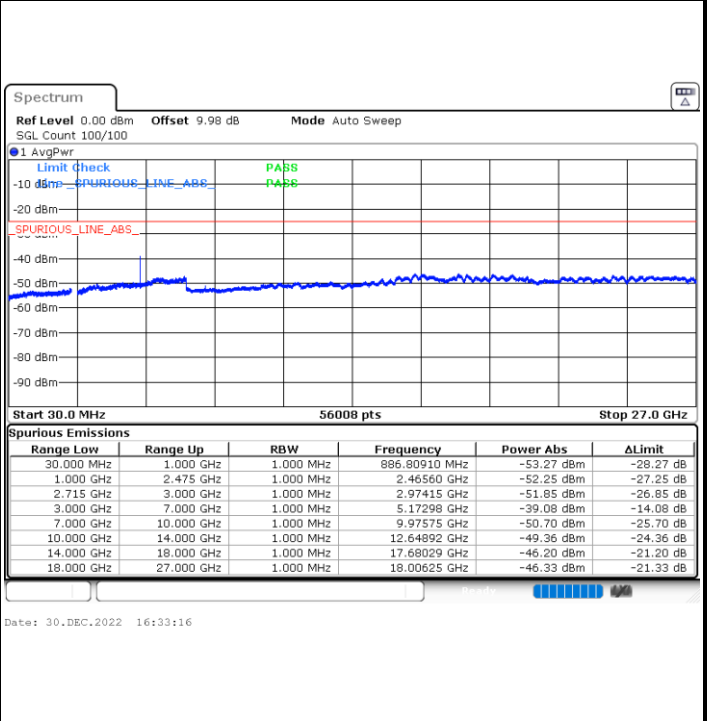


LTE Band 41 / 15MHz

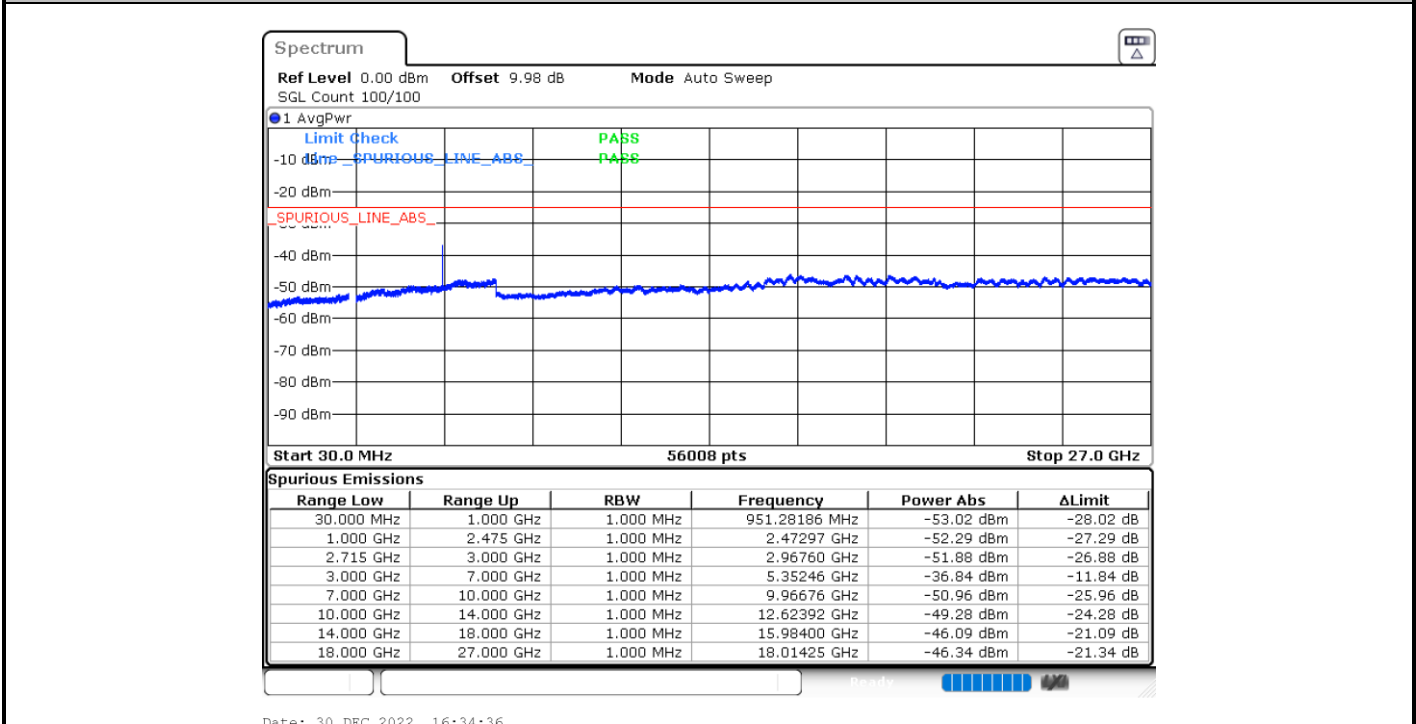
Lowest Channel / QPSK



Middle Channel / QPSK



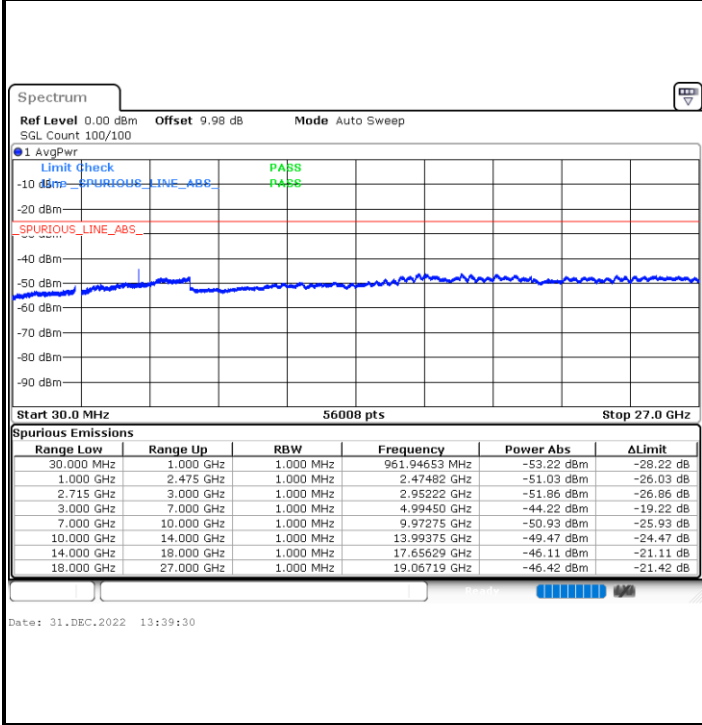
Highest Channel / QPSK



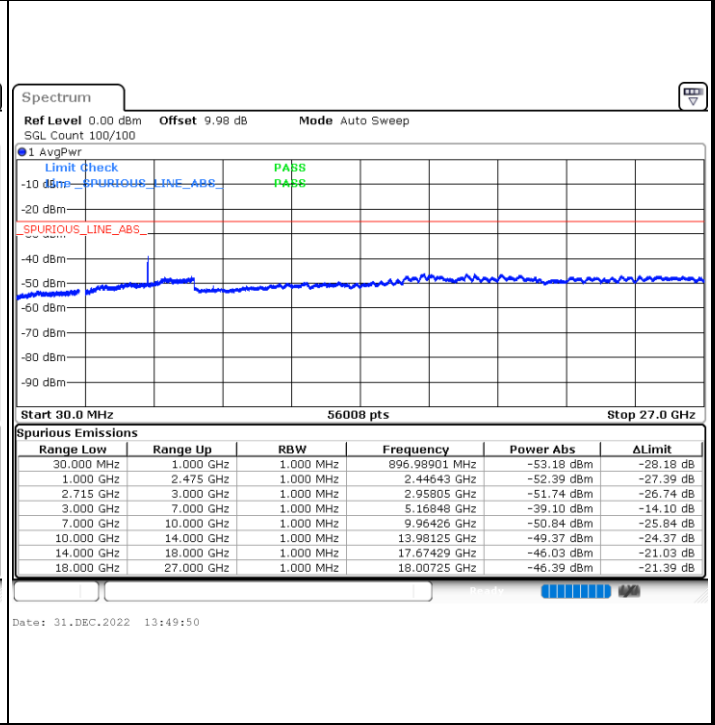


LTE Band 41 / 20MHz

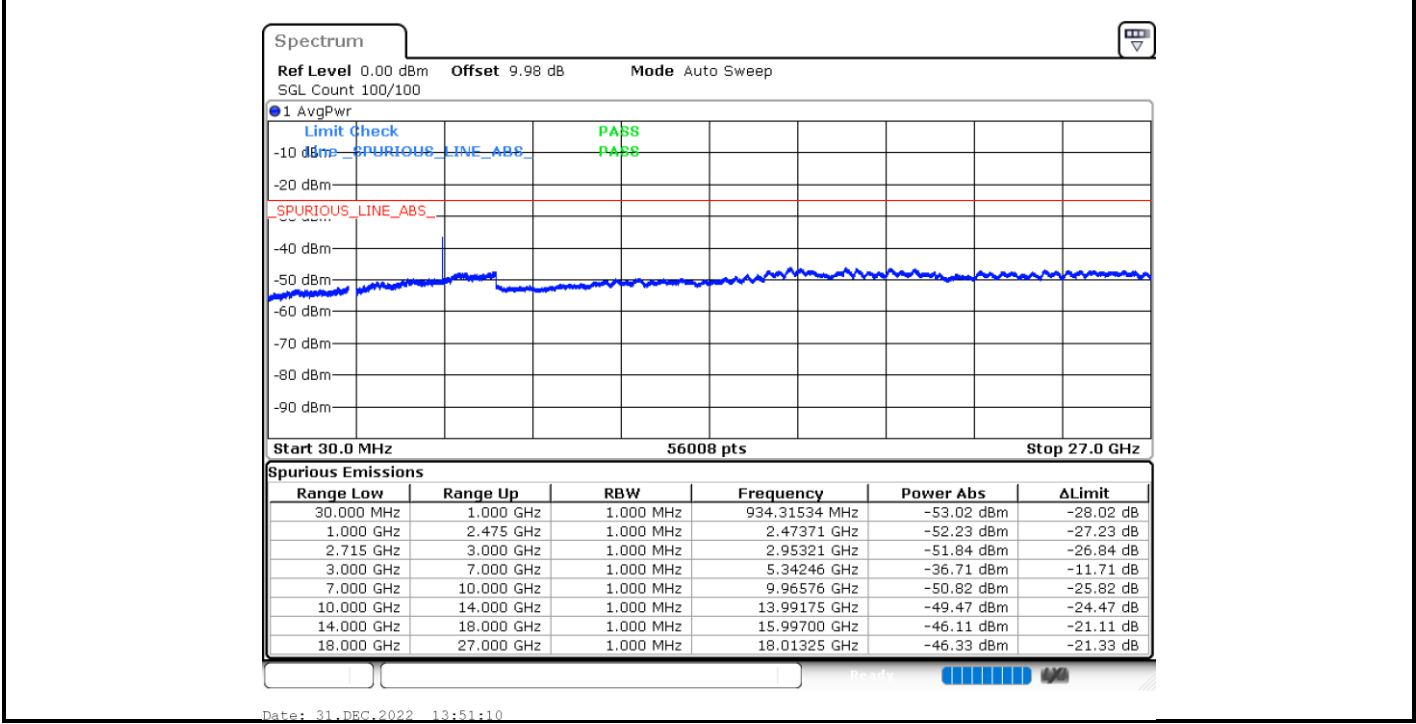
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

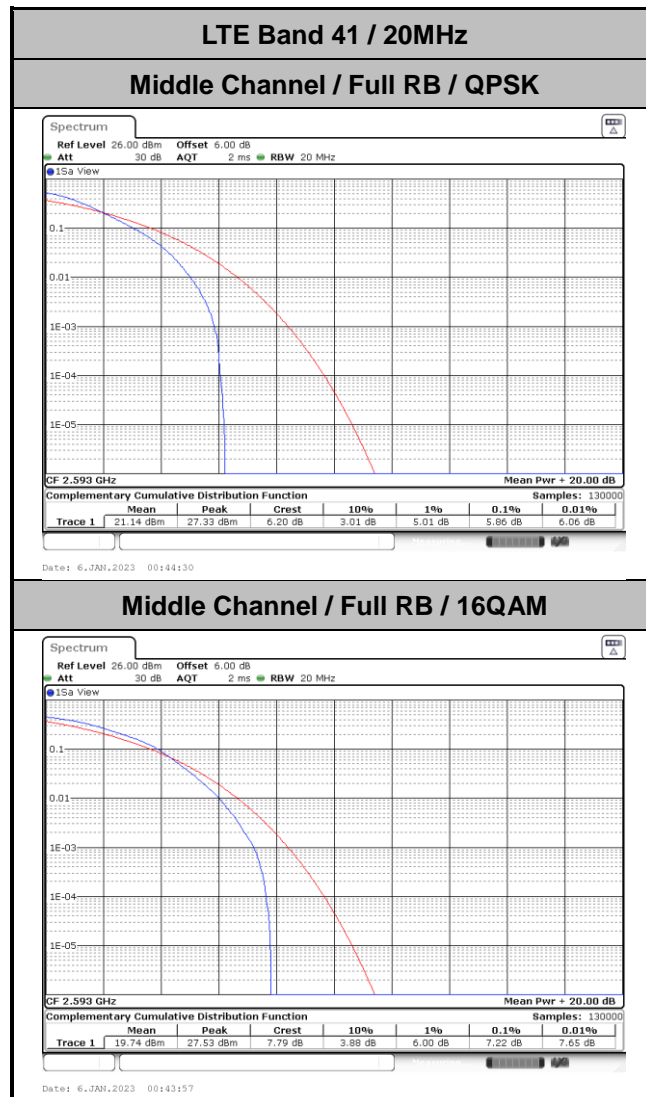
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

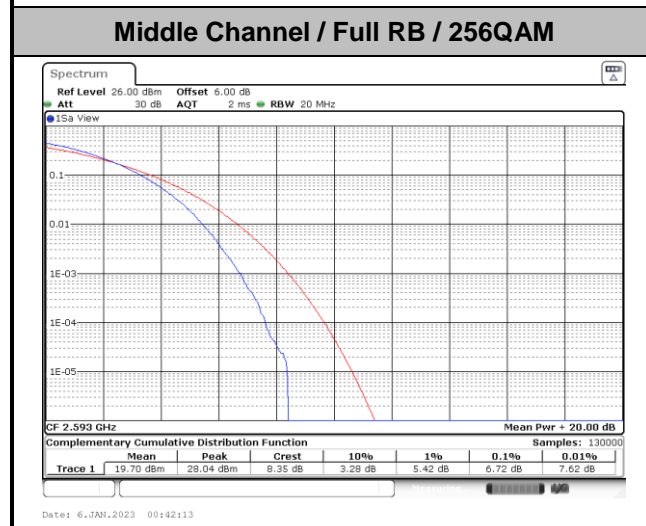
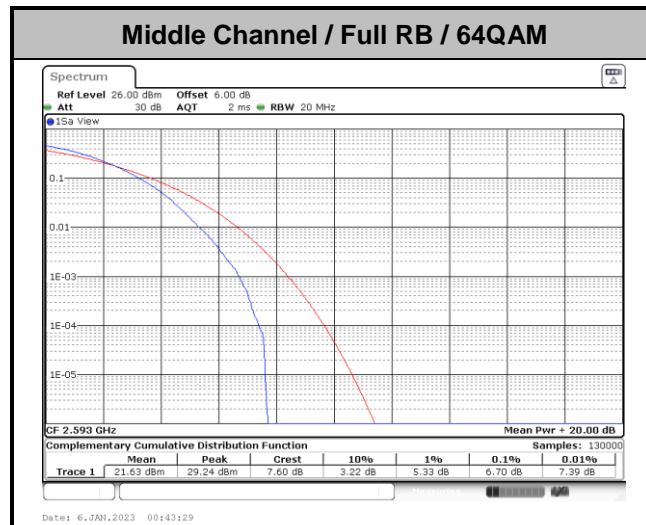


LTE Band 41-Other PA

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.86	7.22	6.70	6.72	PASS

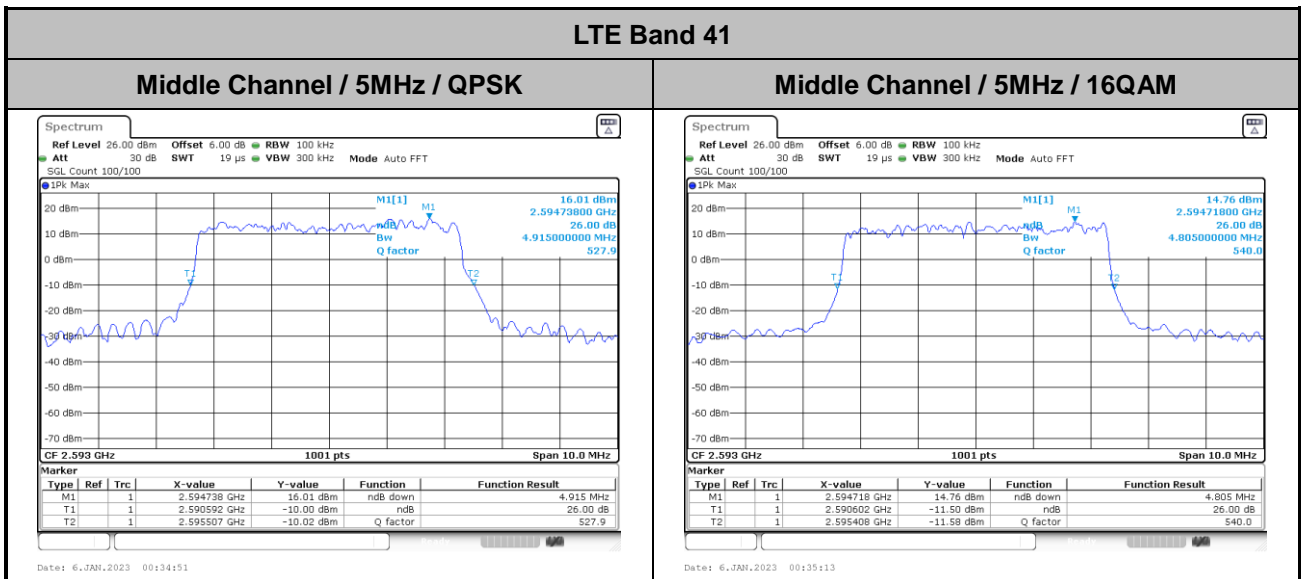






26dB Bandwidth

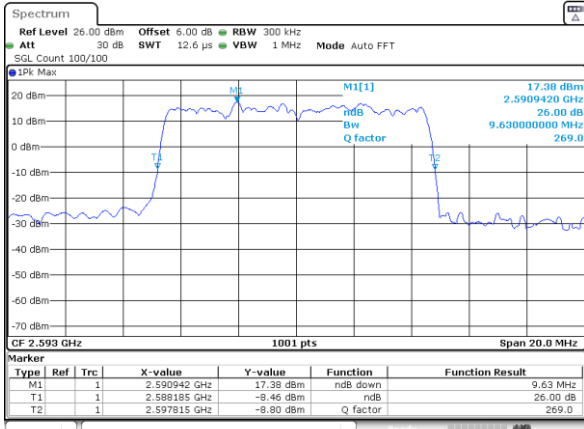
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.92	4.81
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.63	9.67
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.33	14.21
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.06	20.10





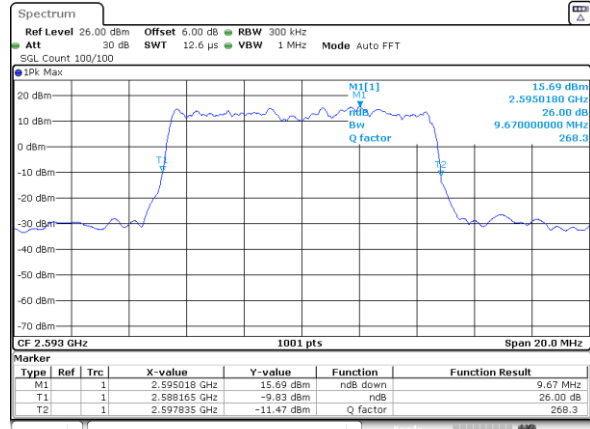
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 6.JAN.2023 00:13:40

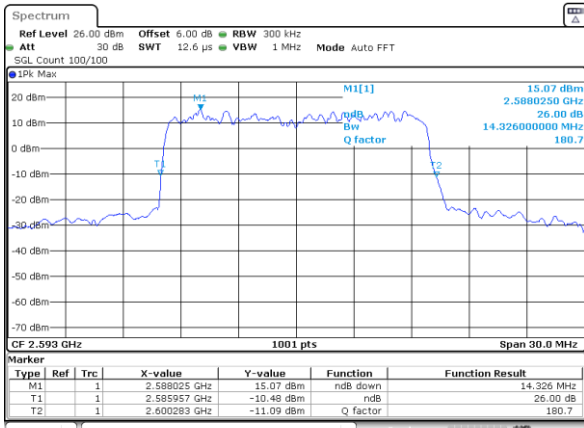
Middle Channel / 10MHz / 16QAM



Date: 6.JAN.2023 00:13:18

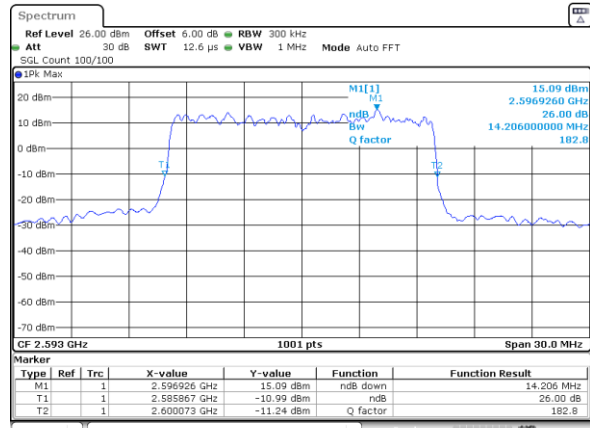
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 6.JAN.2023 00:17:46

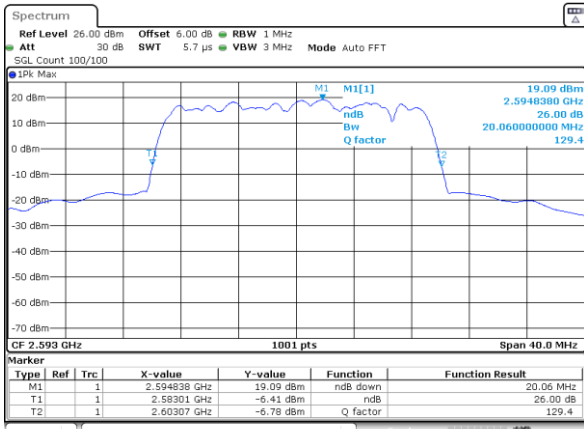
Middle Channel / 15MHz / 16QAM



Date: 6.JAN.2023 00:18:07

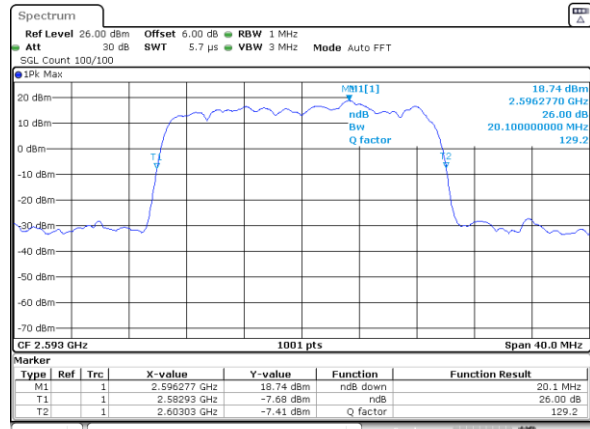
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 6.JAN.2023 00:19:15

Middle Channel / 20MHz / 16QAM



Date: 6.JAN.2023 00:19:13