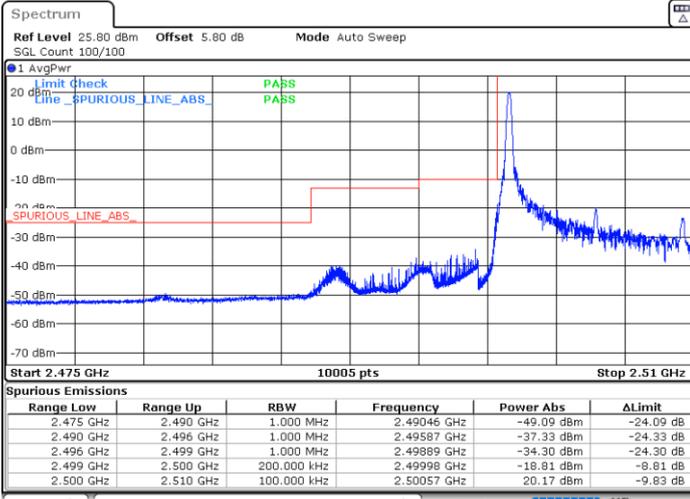




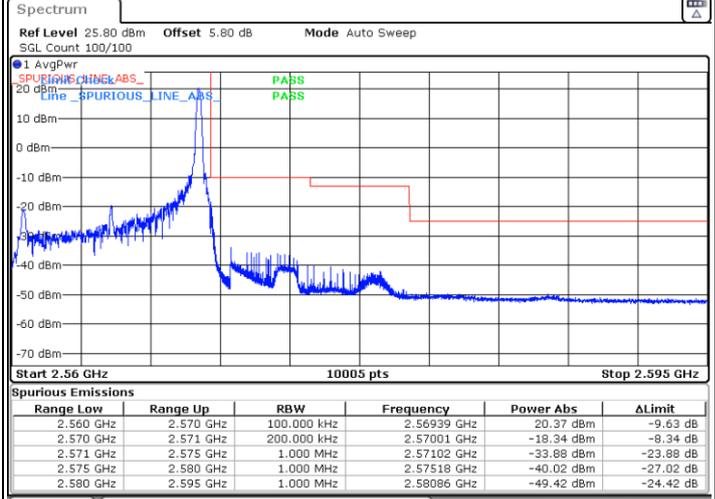
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



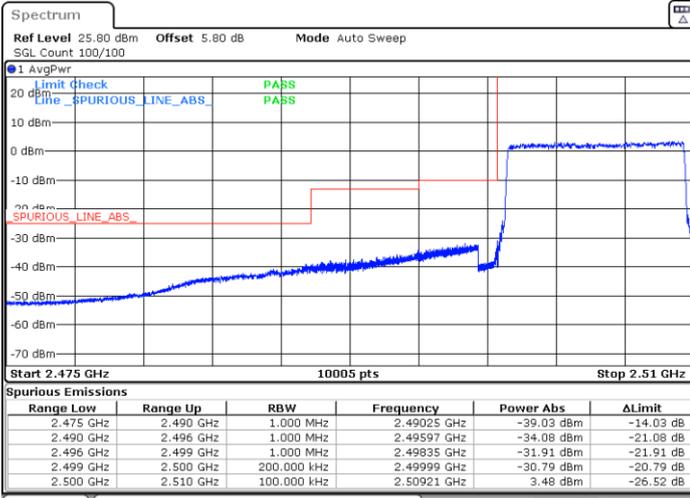
Date: 22.DEC.2021 07:44:22



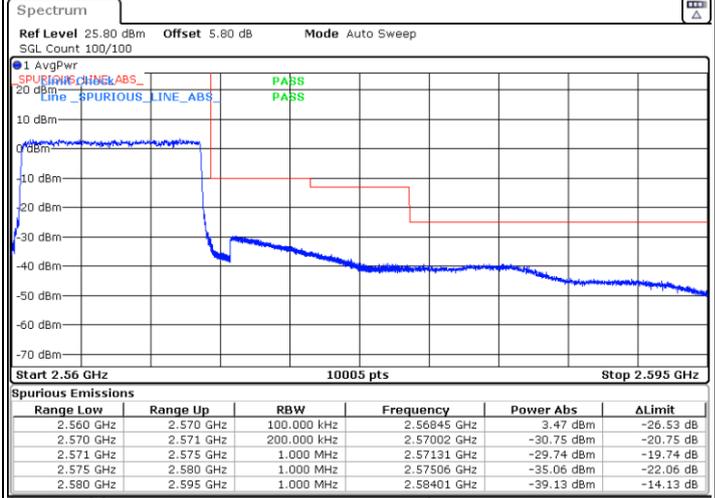
Date: 22.DEC.2021 07:53:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.DEC.2021 07:48:39



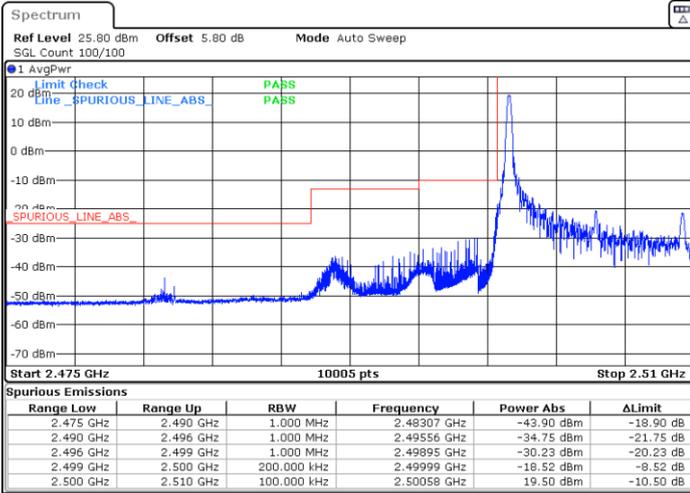
Date: 22.DEC.2021 07:58:20



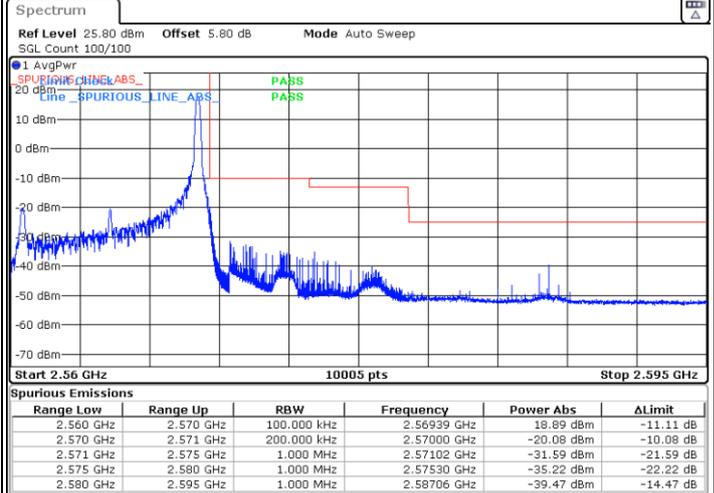
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



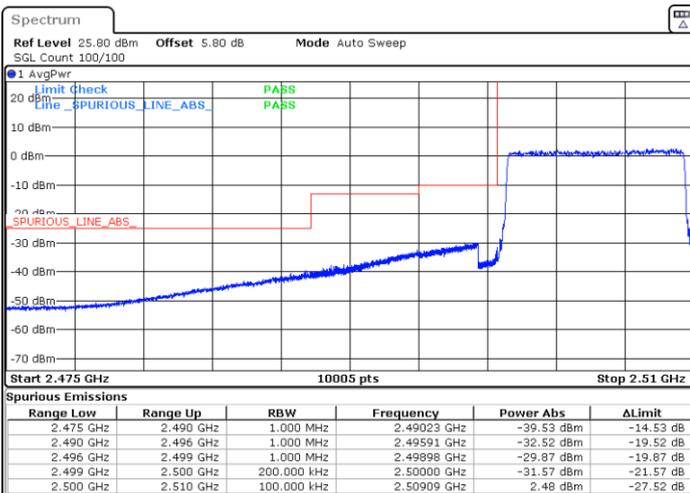
Date: 22.DEC.2021 07:45:48



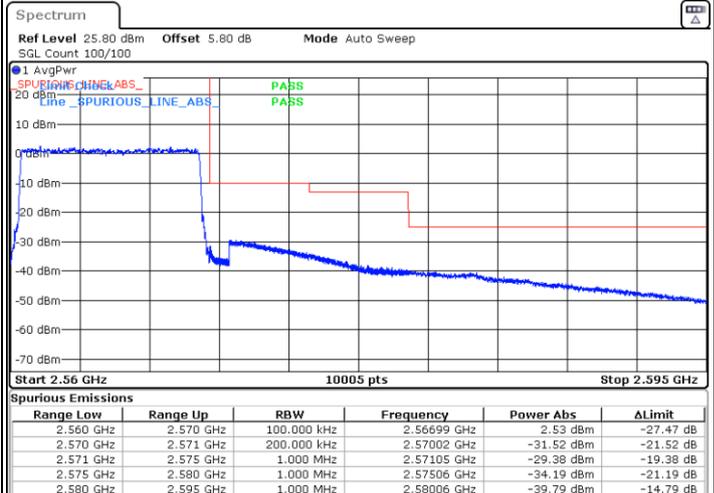
Date: 22.DEC.2021 07:54:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.DEC.2021 07:47:14

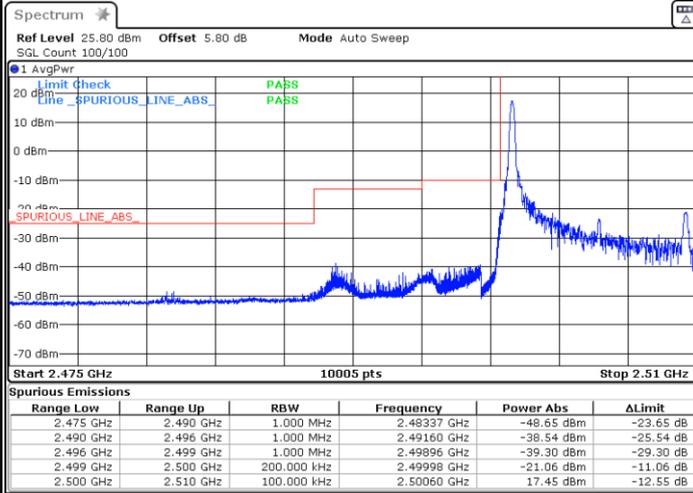


Date: 22.DEC.2021 07:56:20



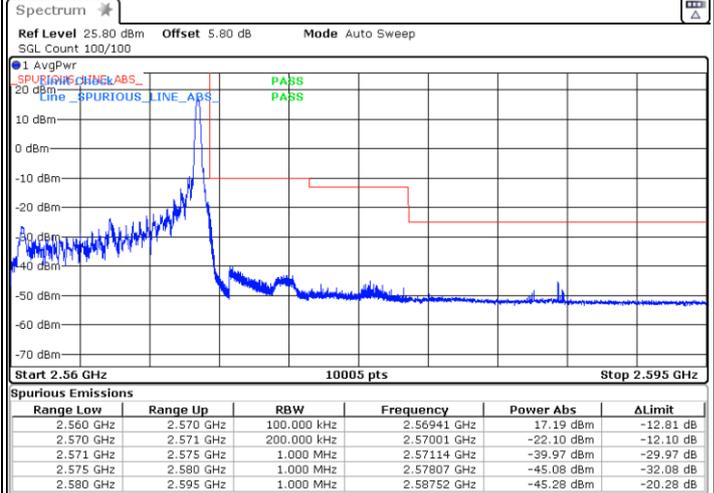
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1RB



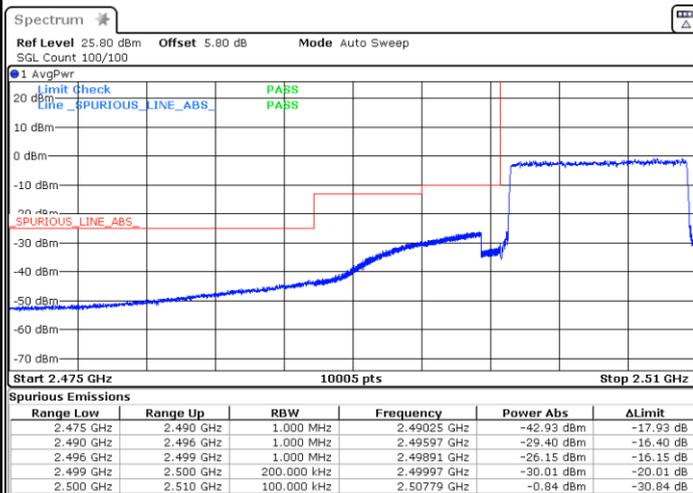
Date: 25.JAN.2022 03:30:59

Highest Band Edge / 1 RB



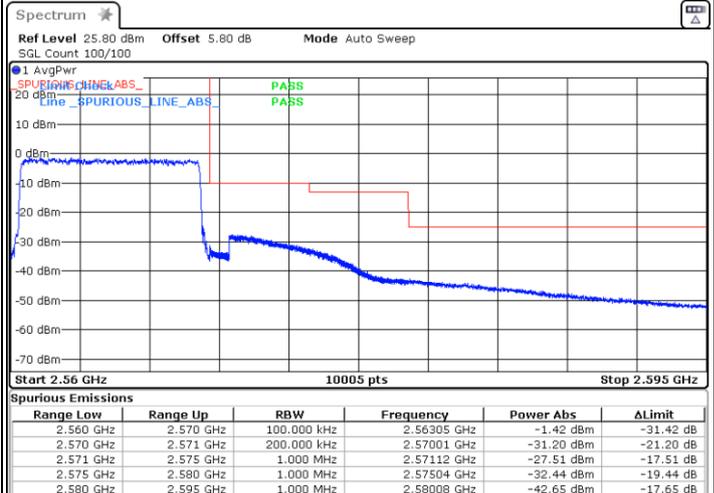
Date: 25.JAN.2022 03:27:44

Lowest Band Edge / Full RB



Date: 25.JAN.2022 03:29:46

Highest Band Edge / Full RB



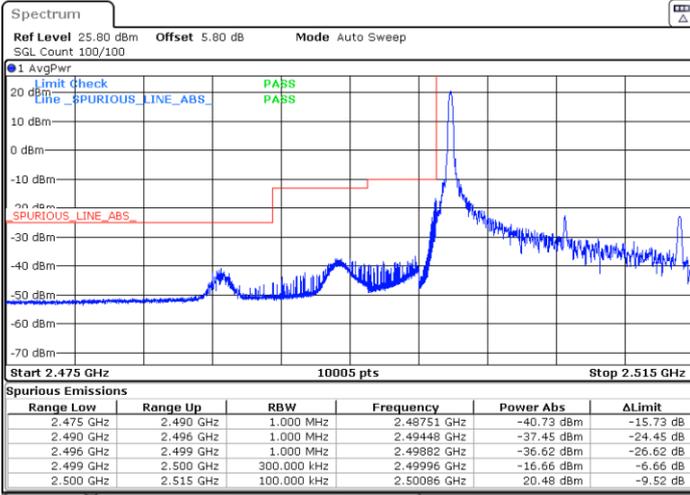
Date: 25.JAN.2022 03:28:47



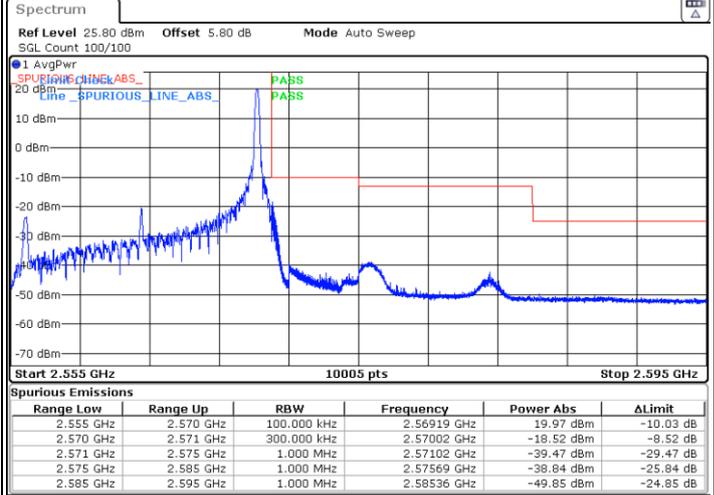
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



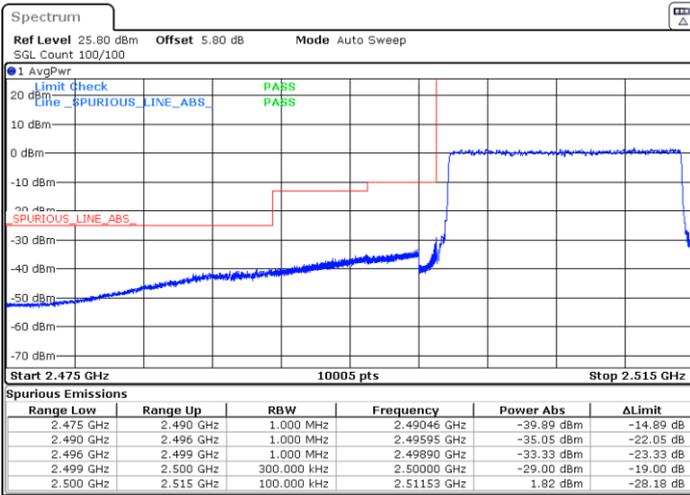
Date: 22.DEC.2021 08:27:57



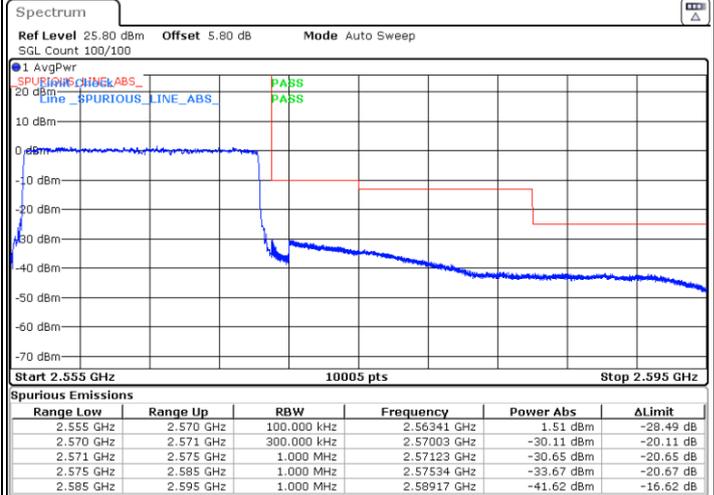
Date: 22.DEC.2021 08:37:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.DEC.2021 08:32:15



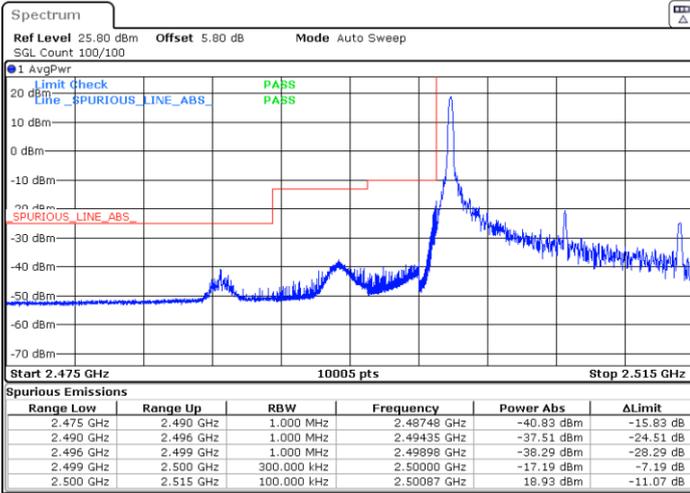
Date: 22.DEC.2021 08:41:55



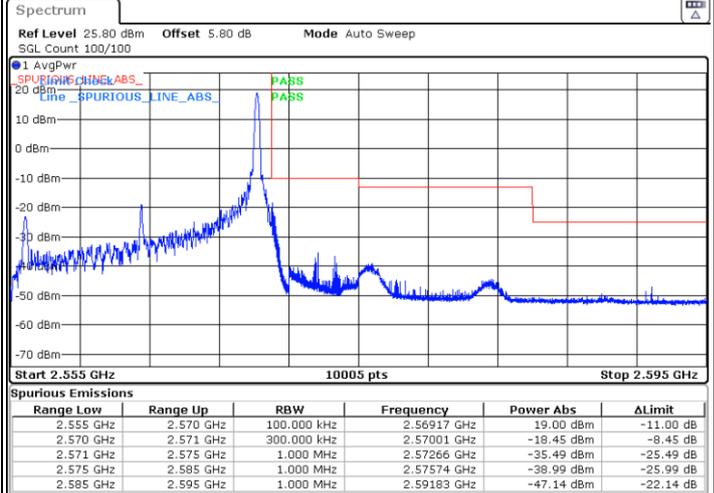
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



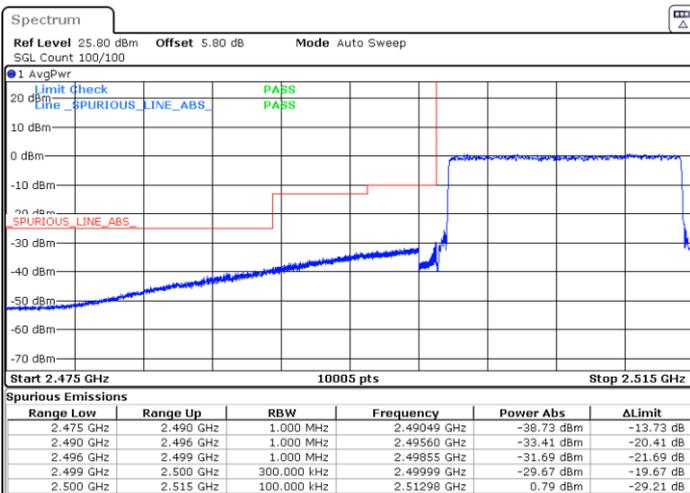
Date: 22.DEC.2021 08:29:23



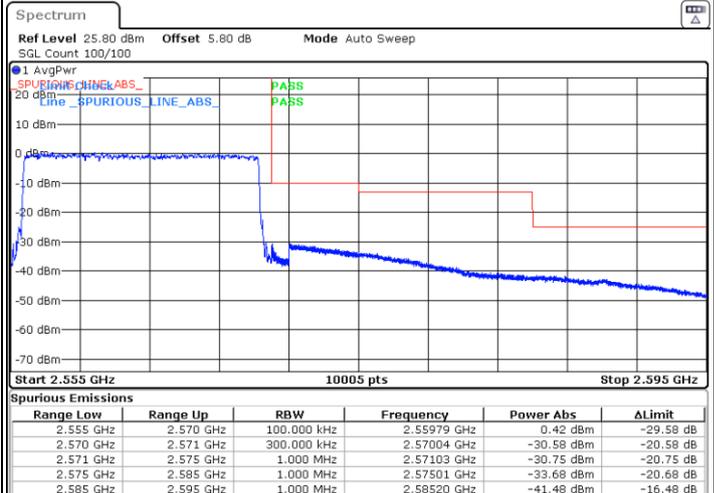
Date: 22.DEC.2021 08:39:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.DEC.2021 08:30:49

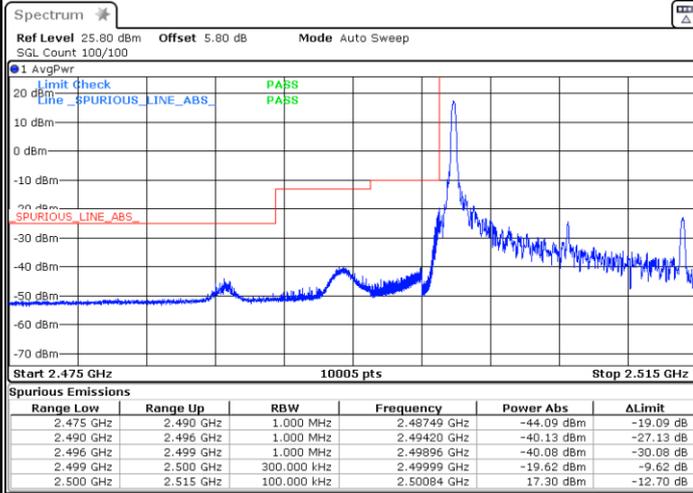


Date: 22.DEC.2021 08:40:29



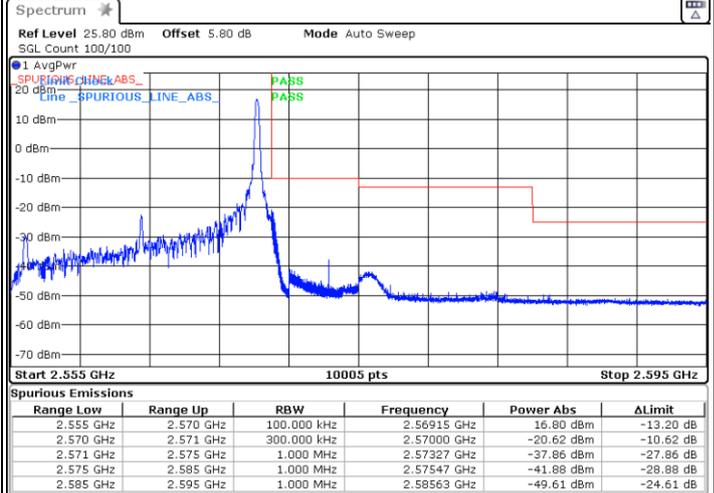
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1RB



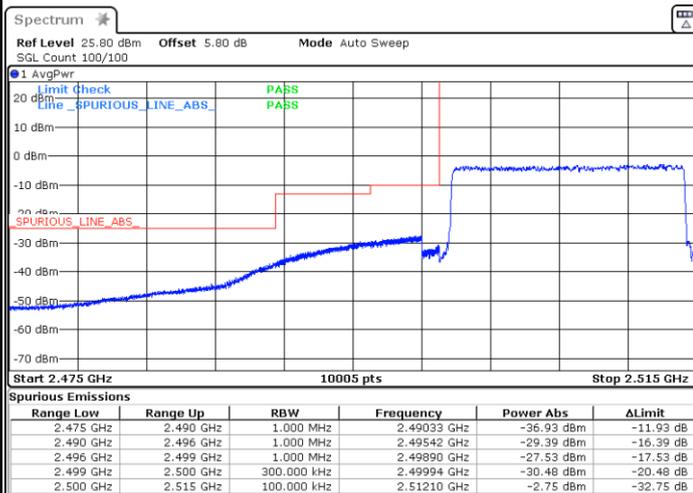
Date: 25.JAN.2022 03:32:41

Highest Band Edge / 1 RB



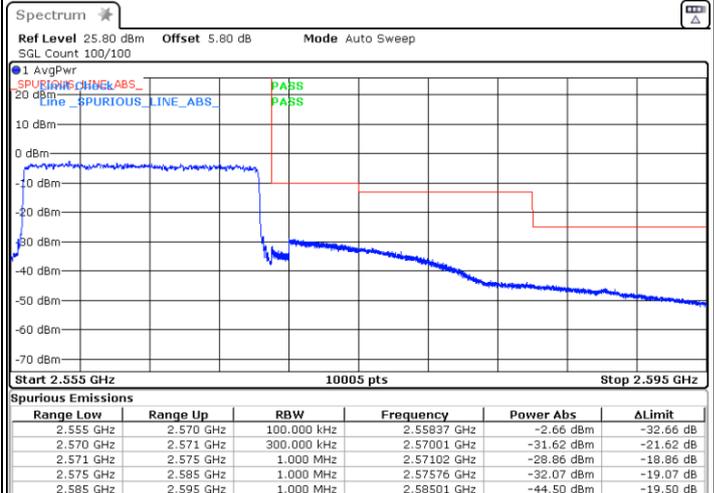
Date: 25.JAN.2022 03:37:24

Lowest Band Edge / Full RB



Date: 25.JAN.2022 03:35:08

Highest Band Edge / Full RB



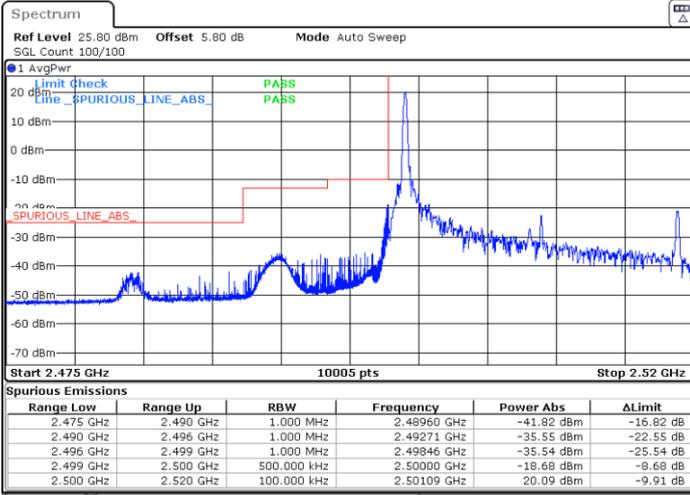
Date: 25.JAN.2022 03:36:36



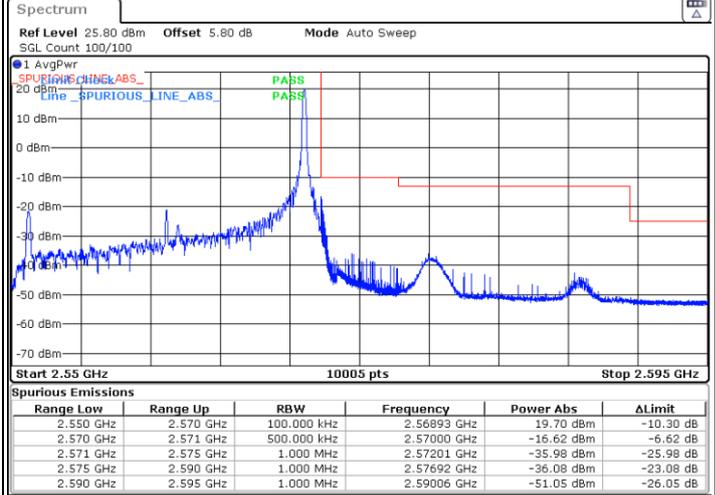
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



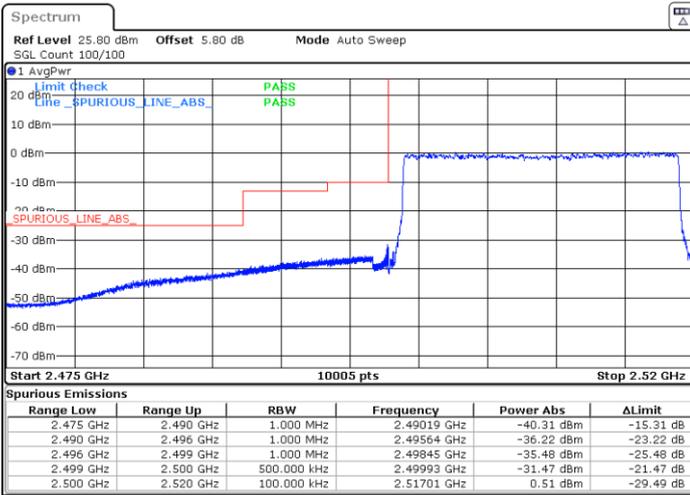
Date: 22.DEC.2021 08:44:34



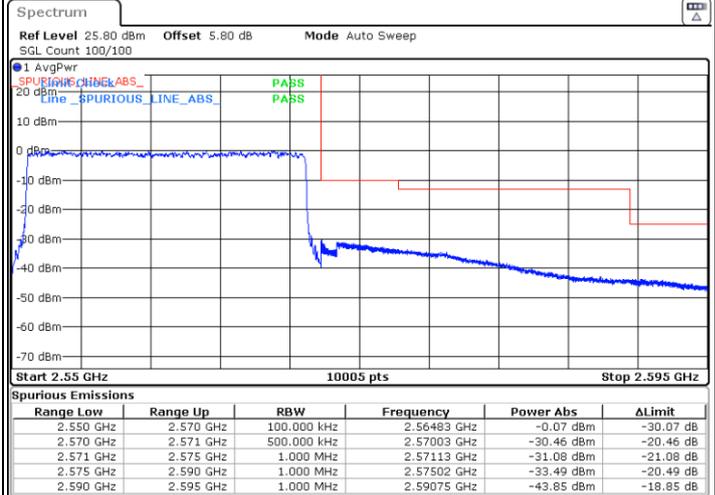
Date: 22.DEC.2021 08:54:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.DEC.2021 08:50:00



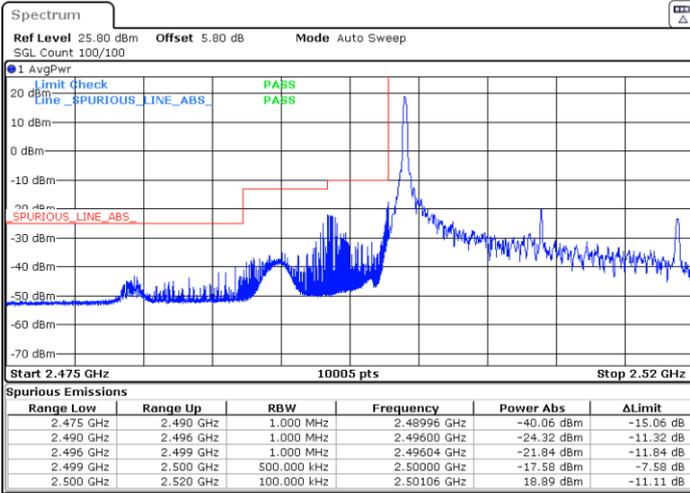
Date: 22.DEC.2021 09:00:15



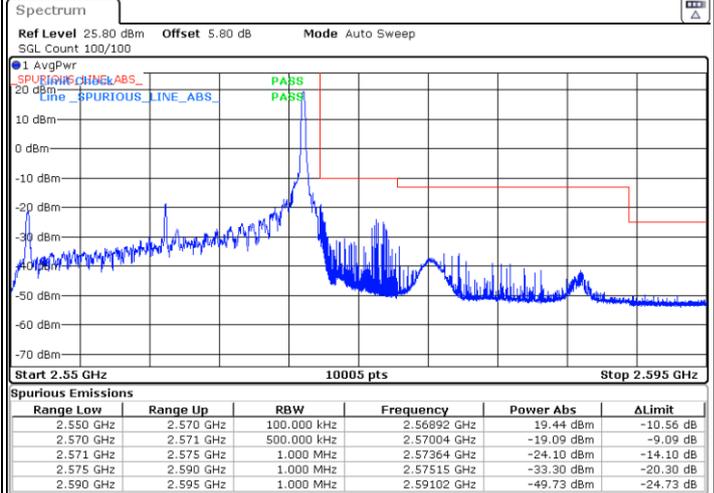
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



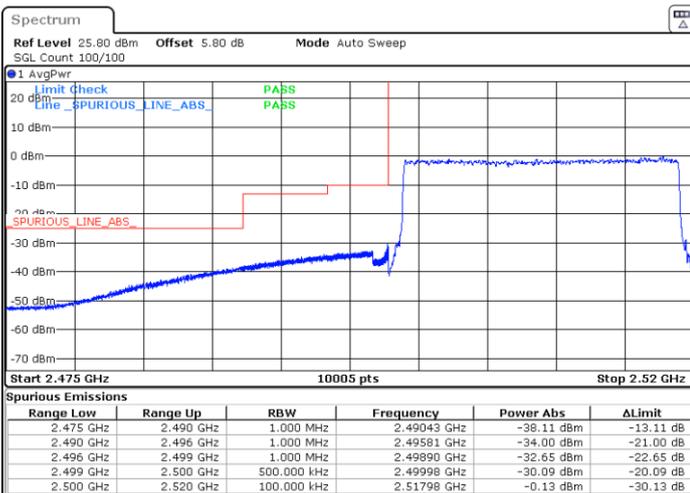
Date: 22.DEC.2021 08:46:34



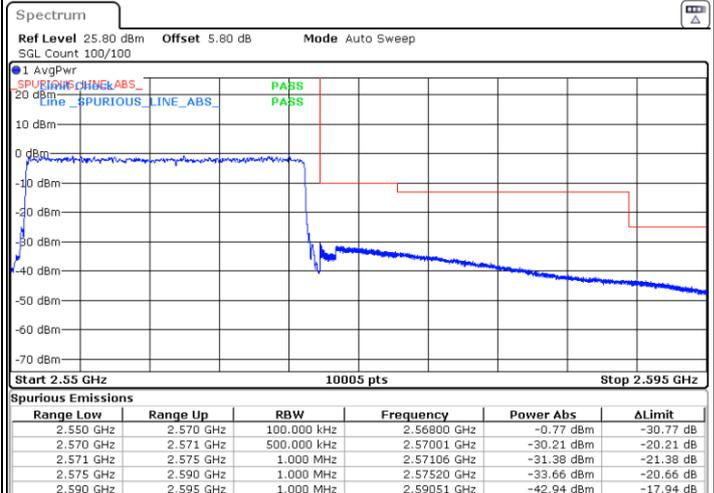
Date: 22.DEC.2021 08:56:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.DEC.2021 08:48:34

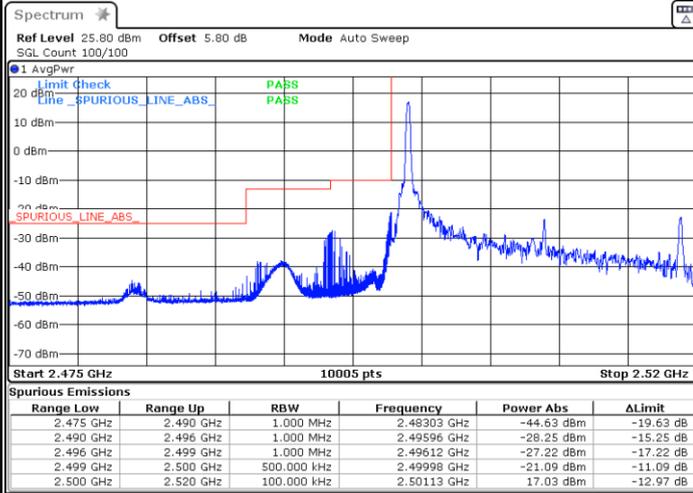


Date: 22.DEC.2021 08:58:48



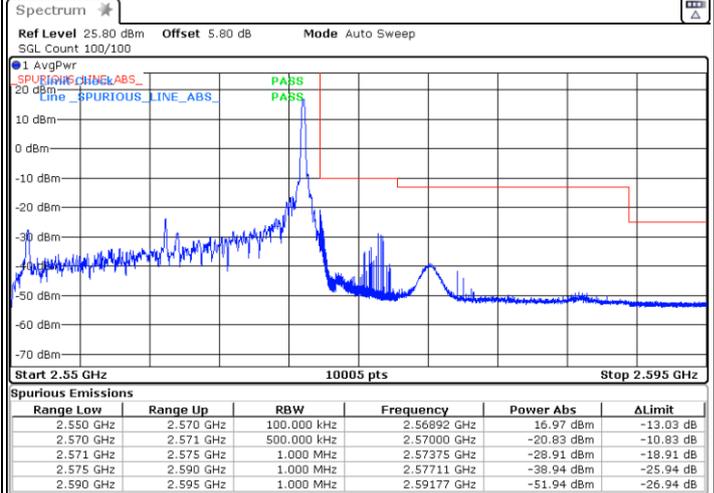
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB



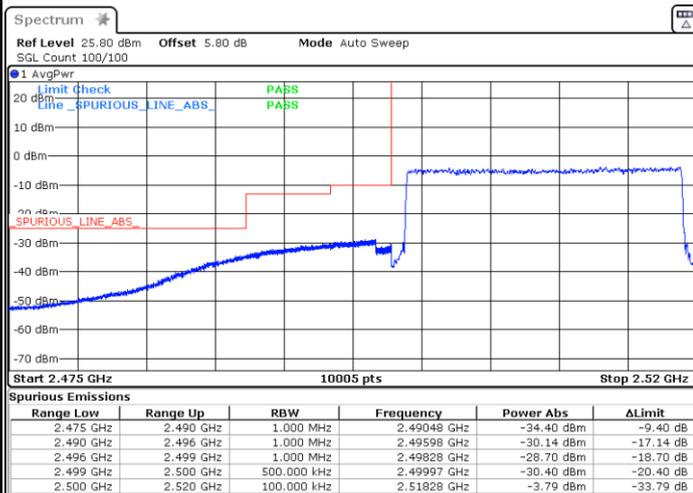
Date: 25.JAN.2022 03:39:12

Highest Band Edge / 1 RB



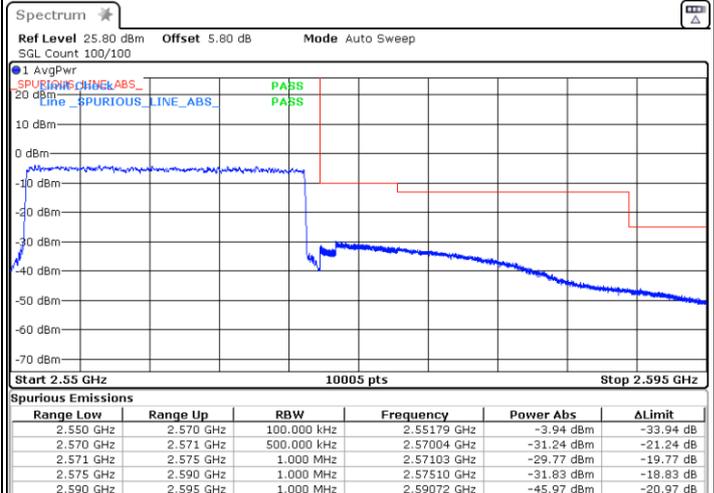
Date: 25.JAN.2022 03:43:32

Lowest Band Edge / Full RB



Date: 25.JAN.2022 03:40:23

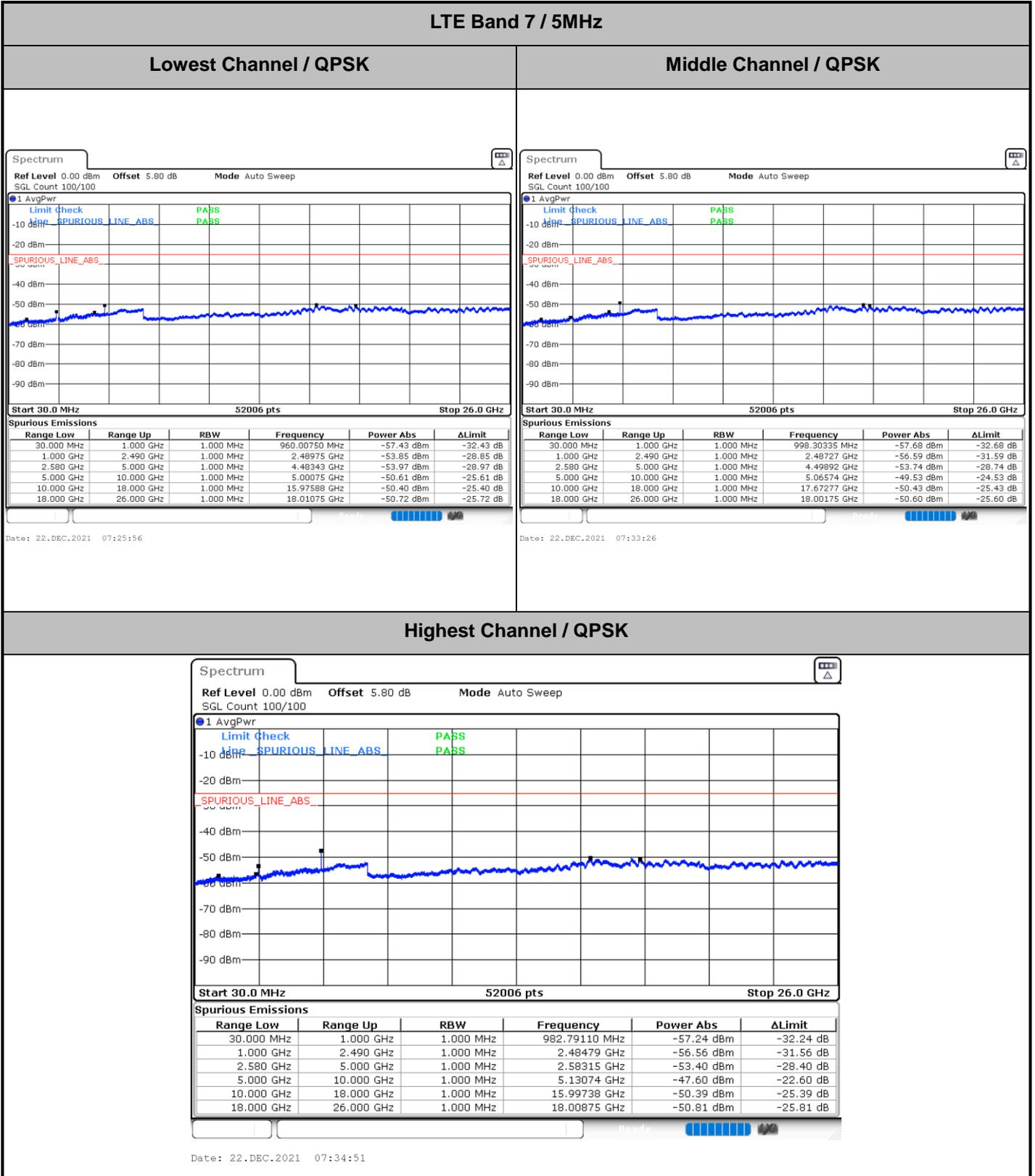
Highest Band Edge / Full RB



Date: 25.JAN.2022 03:41:44



Conducted Spurious Emission

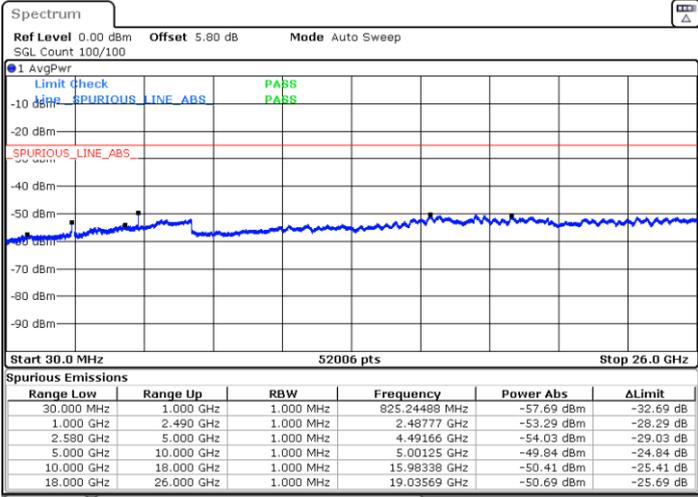




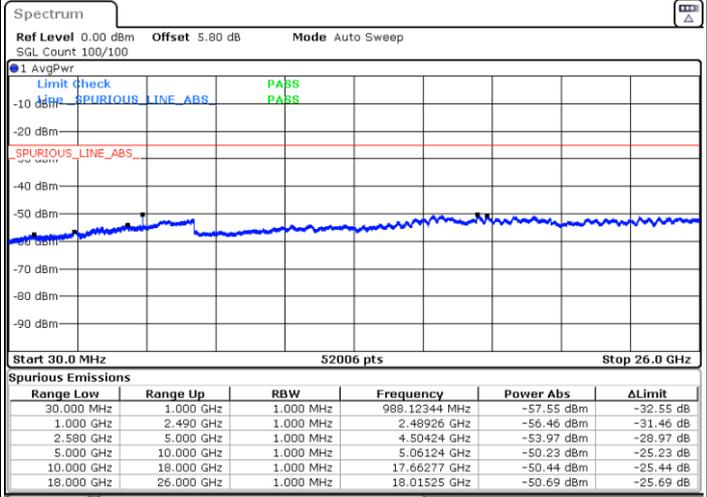
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

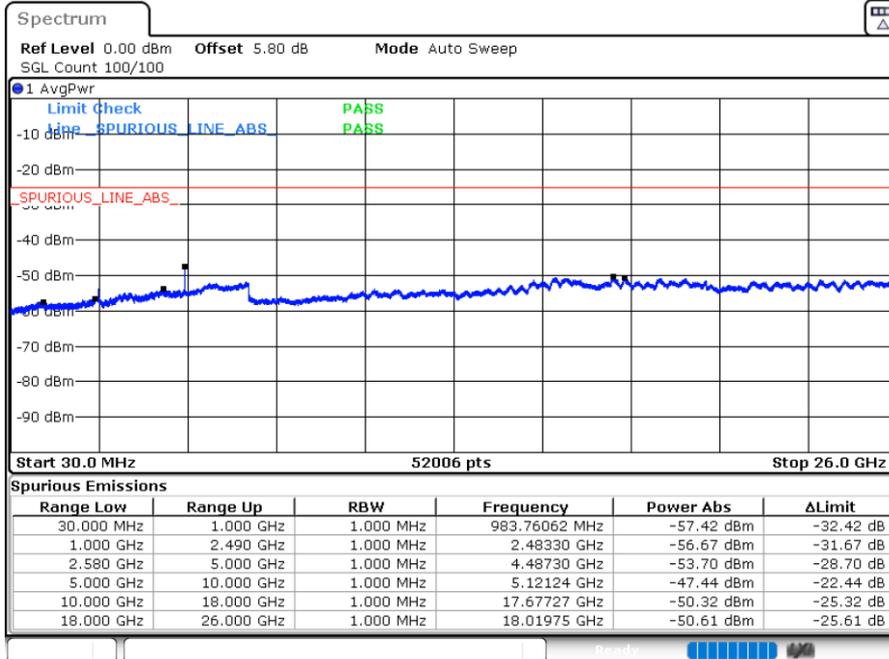


Date: 22.DEC.2021 07:43:08



Date: 22.DEC.2021 07:50:04

Highest Channel / QPSK



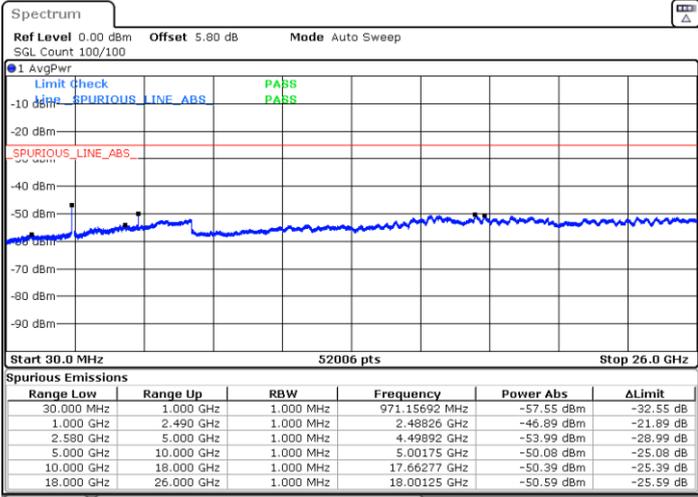
Date: 22.DEC.2021 07:51:29



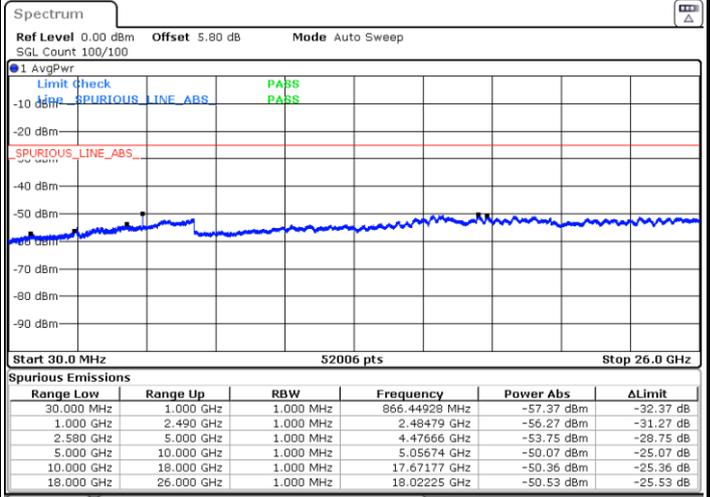
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

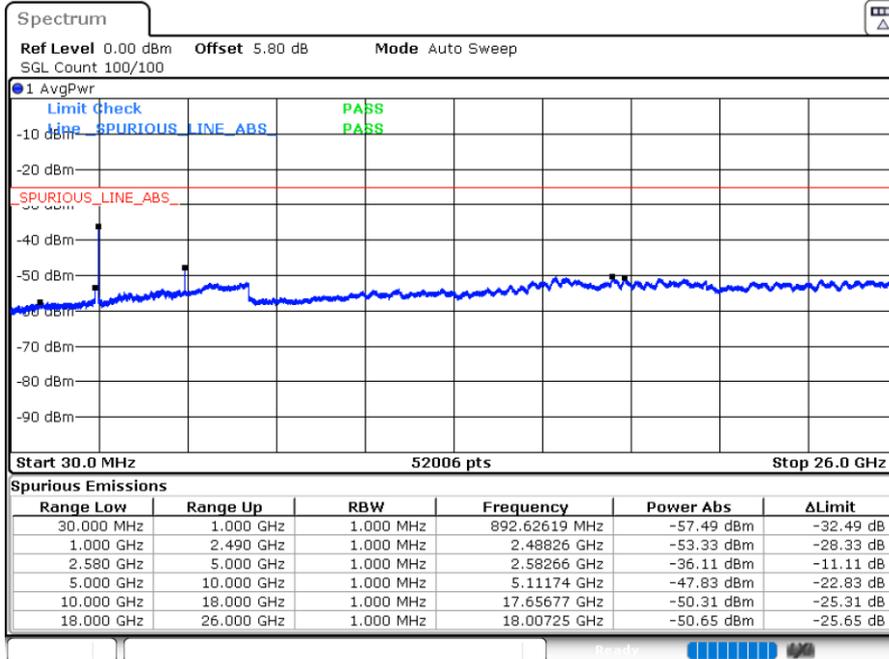


Date: 22.DEC.2021 07:59:48



Date: 22.DEC.2021 08:33:39

Highest Channel / QPSK



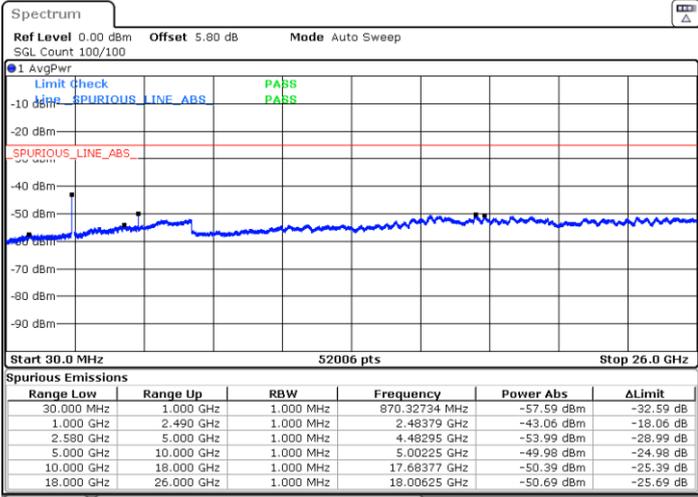
Date: 22.DEC.2021 08:35:03



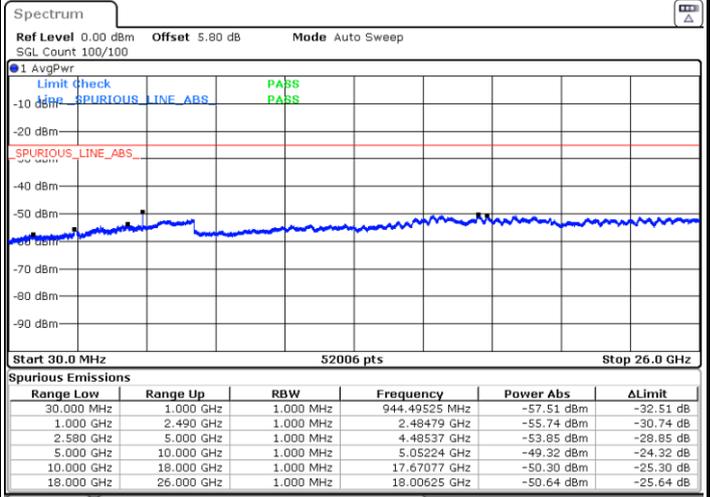
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

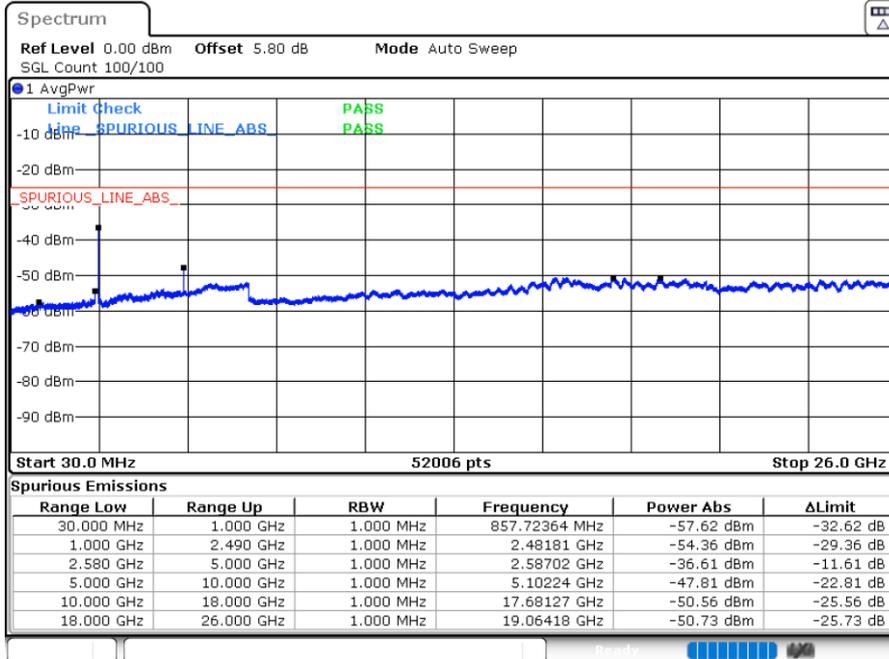


Date: 22.DEC.2021 08:43:20



Date: 22.DEC.2021 08:51:24

Highest Channel / QPSK



Date: 22.DEC.2021 08:52:49



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	0.0011	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0017	

Note:

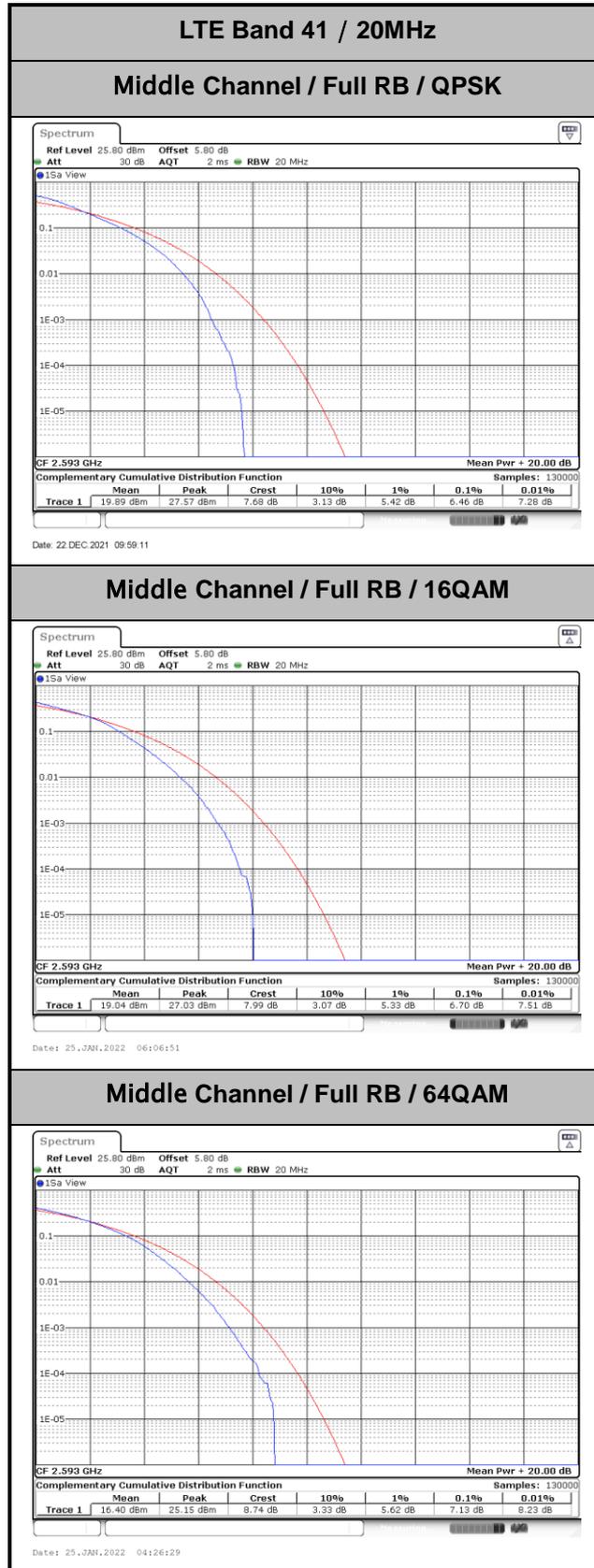
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

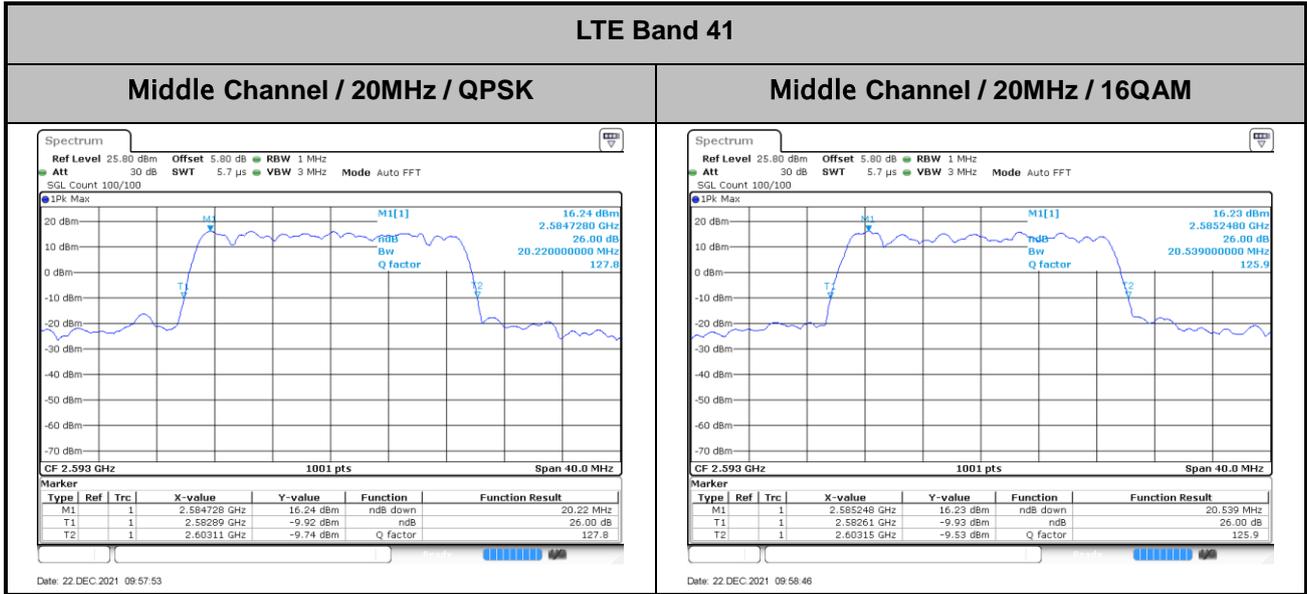
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	6.46	6.70	7.13	PASS





26dB Bandwidth

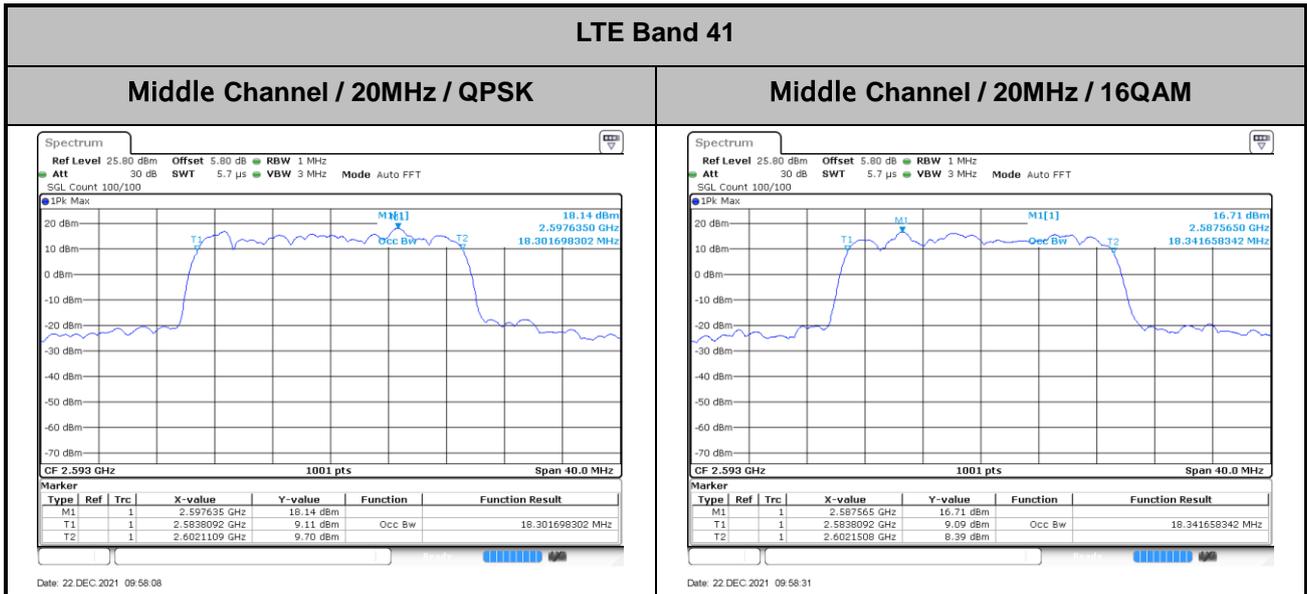
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.22	20.54





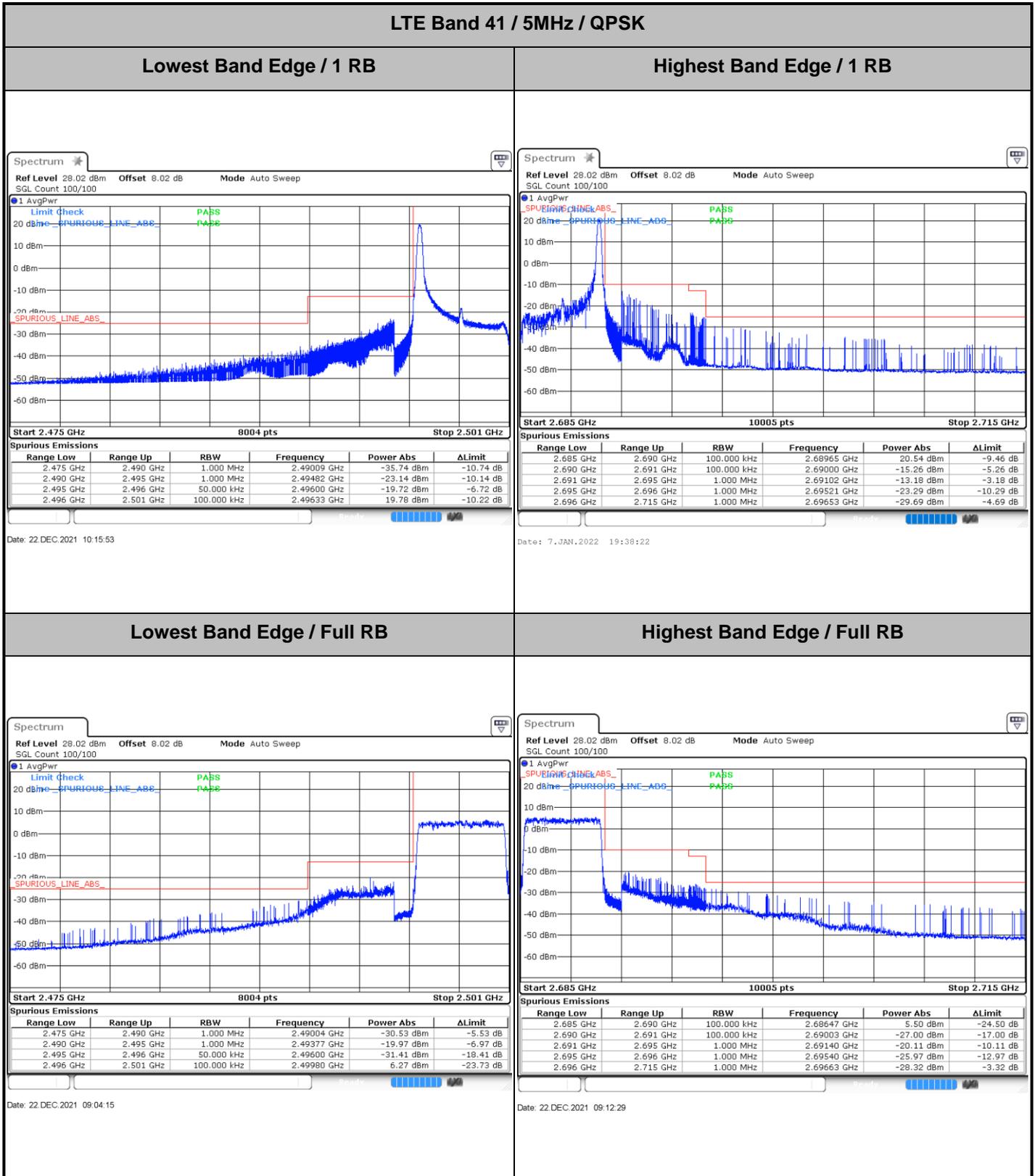
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.30	18.34





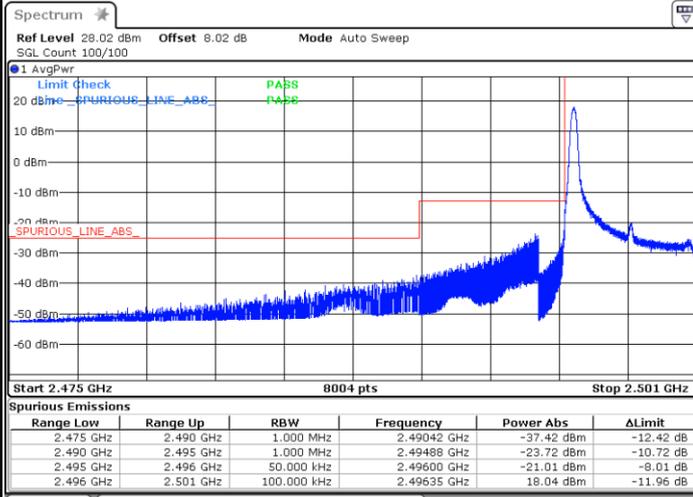
Conducted Band Edge





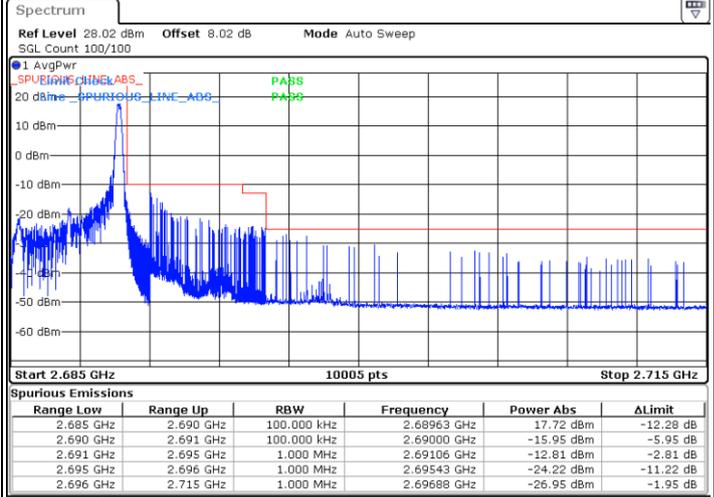
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



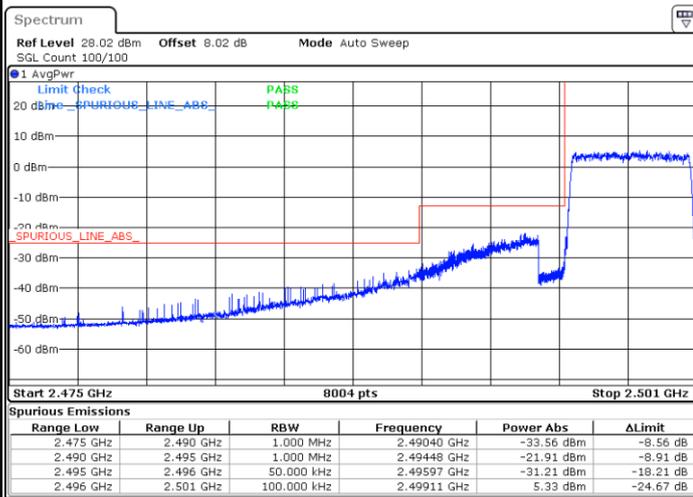
Date: 22 DEC 2021 10:14:21

Highest Band Edge / 1 RB



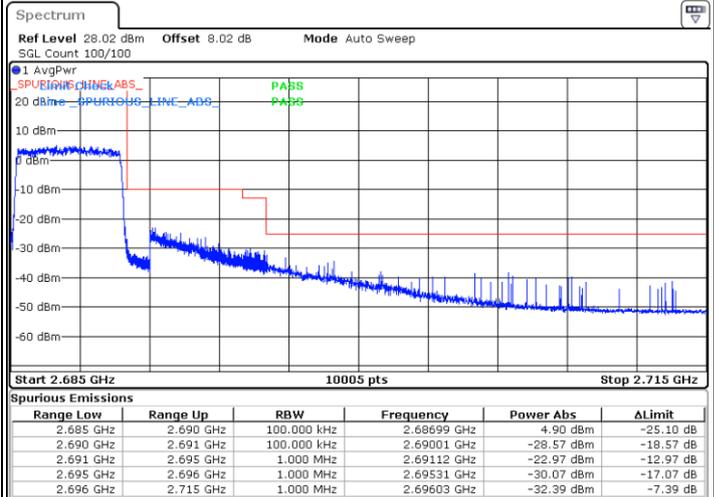
Date: 22 DEC 2021 09:09:44

Lowest Band Edge / Full RB



Date: 22 DEC 2021 09:02:52

Highest Band Edge / Full RB

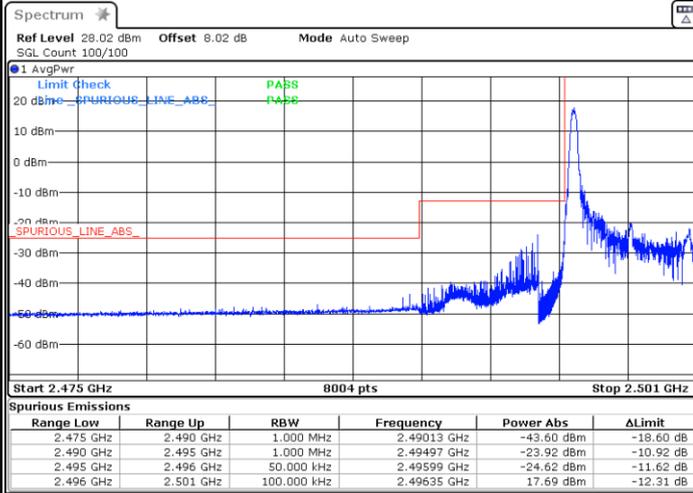


Date: 22 DEC 2021 09:11:06



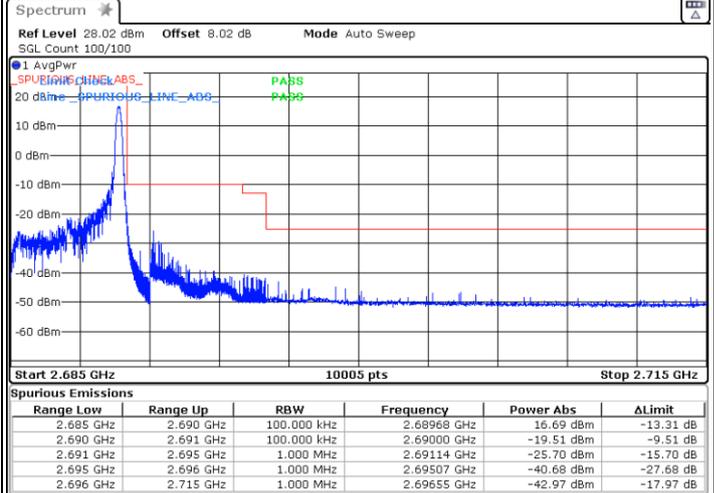
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



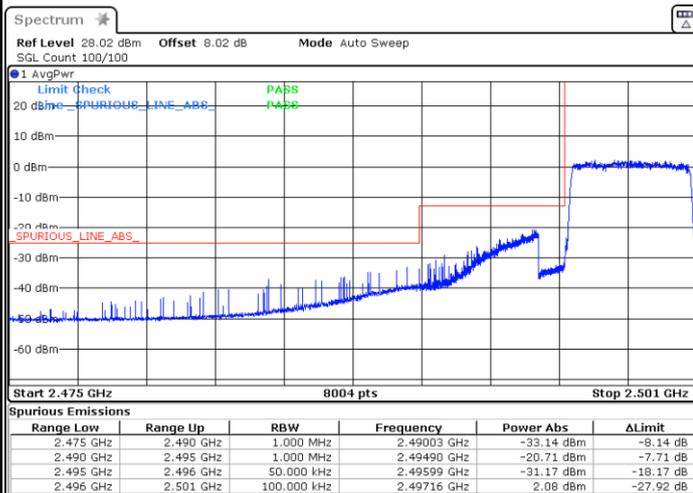
Date: 25.JAN.2022 03:52:16

Highest Band Edge / 1 RB



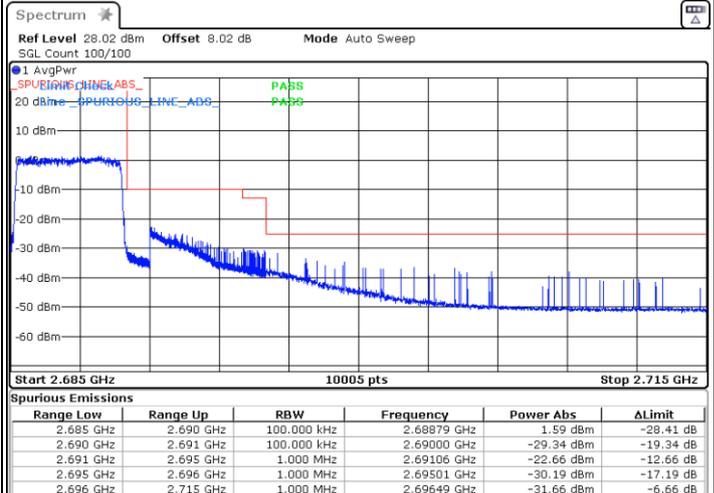
Date: 25.JAN.2022 03:53:51

Lowest Band Edge / Full RB



Date: 25.JAN.2022 03:51:11

Highest Band Edge / Full RB



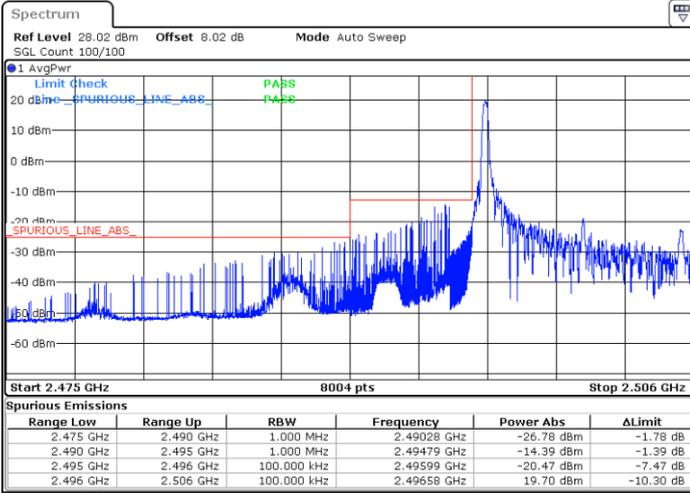
Date: 25.JAN.2022 03:57:10



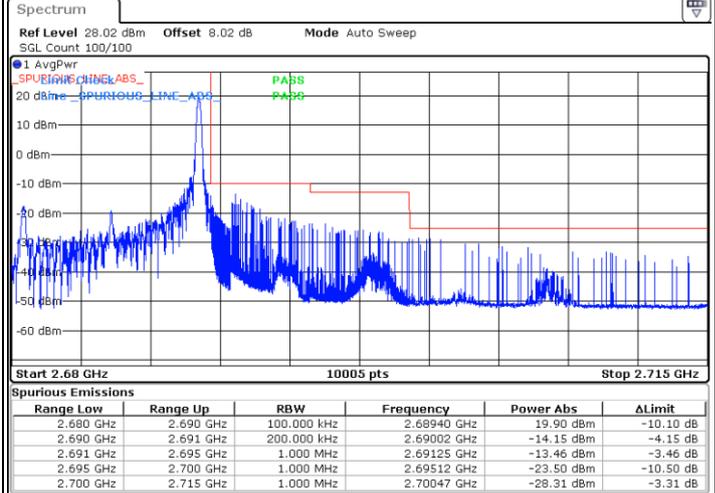
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



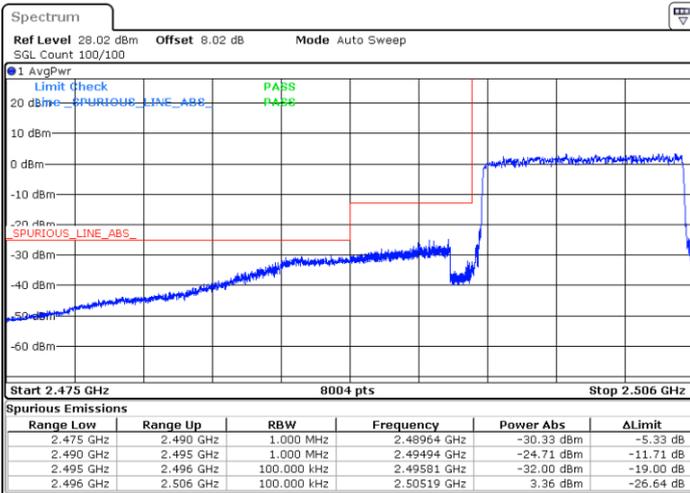
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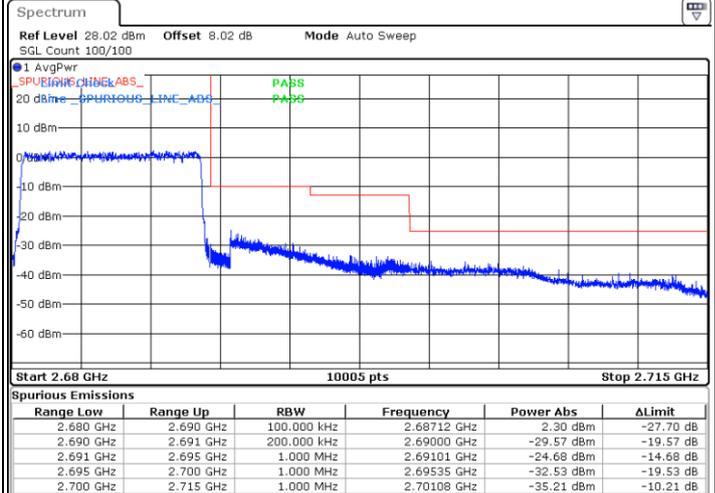
Date: 22 DEC 2021 09:23:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 DEC 2021 09:19:14

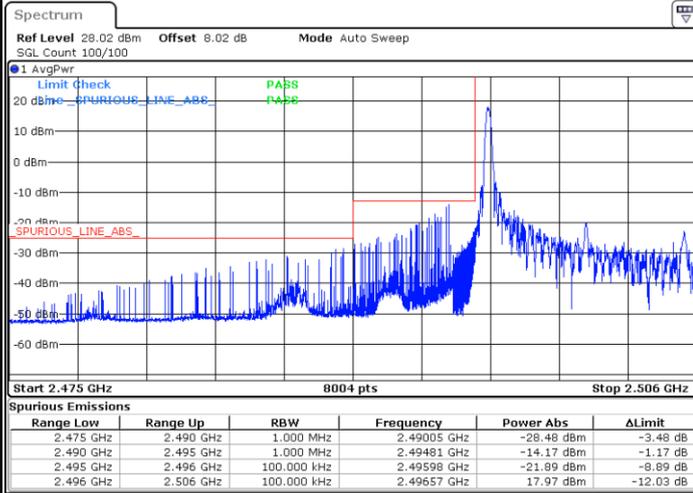


Date: 22 DEC 2021 09:27:28



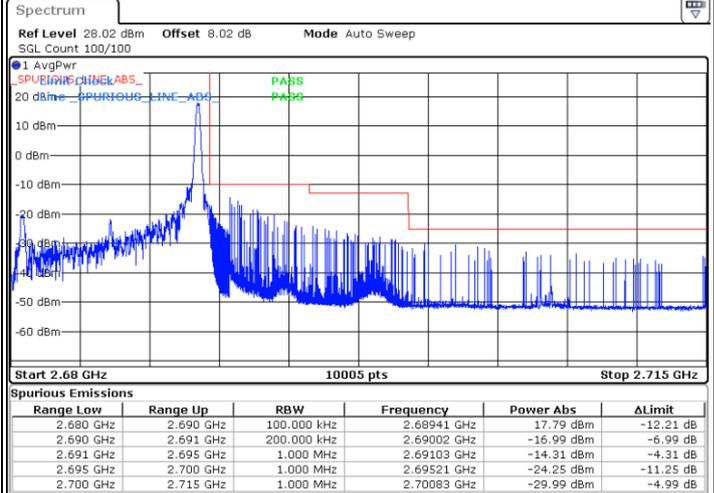
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



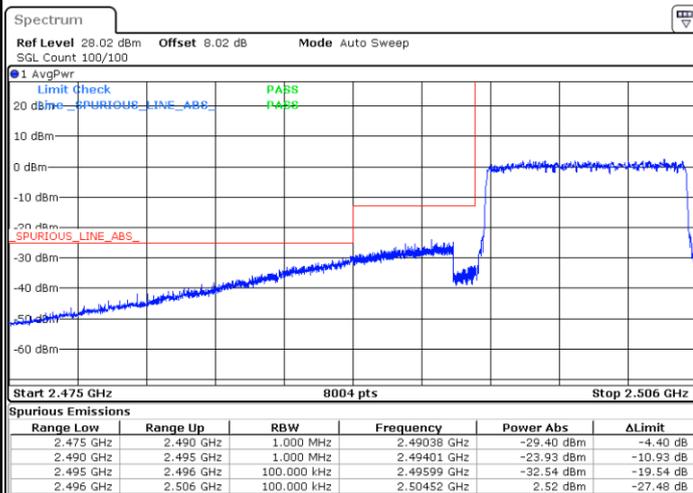
Date: 22.DEC.2021 09:16:28

Highest Band Edge / 1 RB



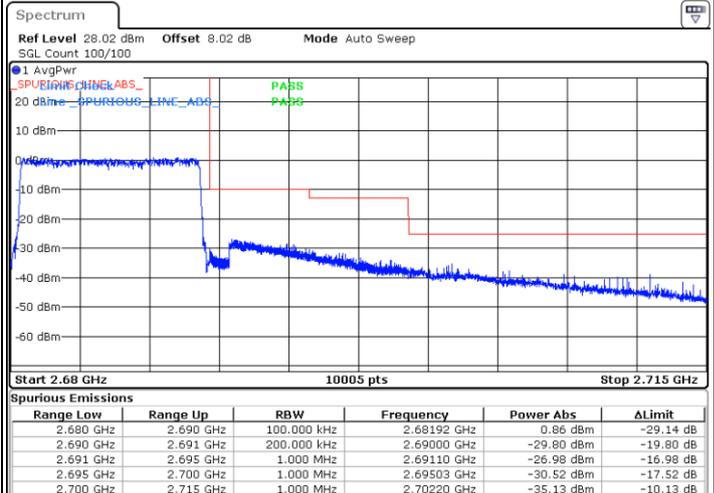
Date: 22.DEC.2021 09:24:43

Lowest Band Edge / Full RB



Date: 22.DEC.2021 09:17:51

Highest Band Edge / Full RB

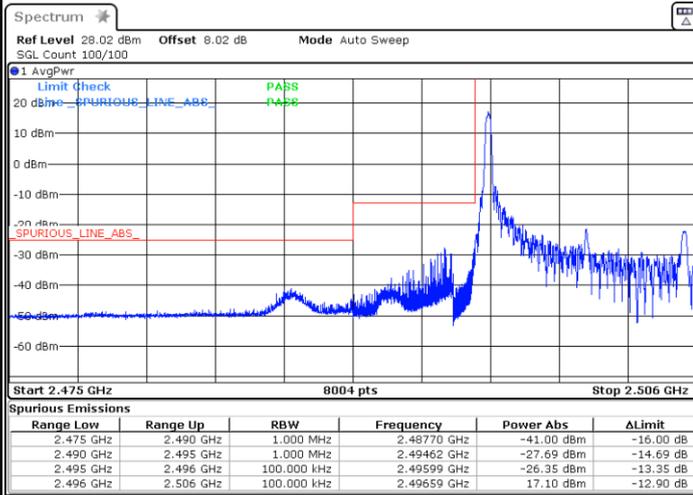


Date: 22.DEC.2021 09:26:06



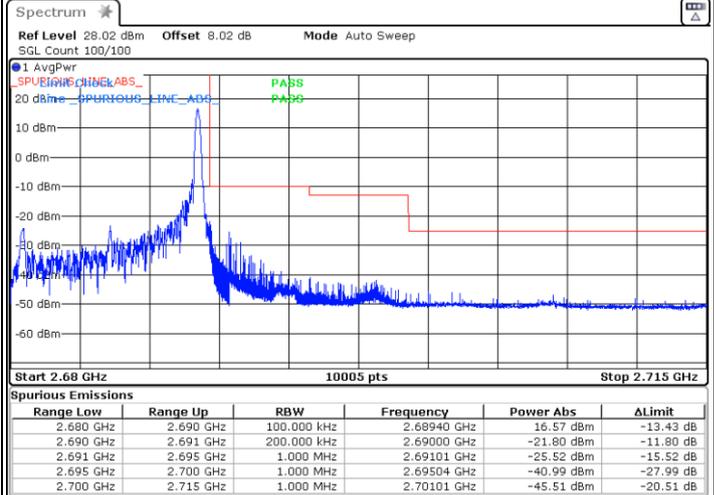
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



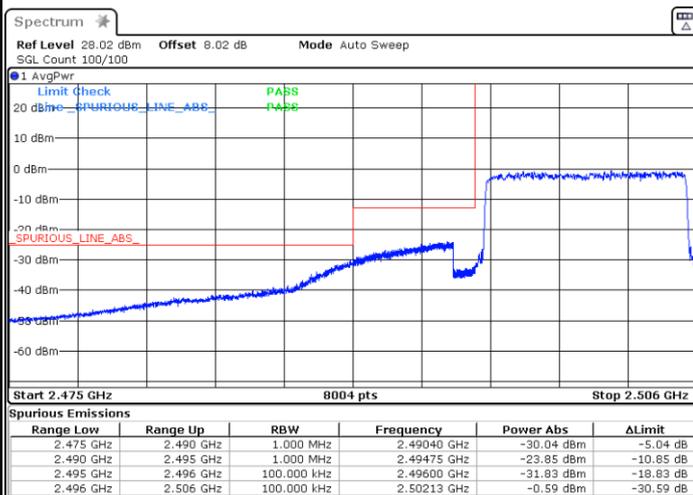
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Highest Band Edge / 1 RB



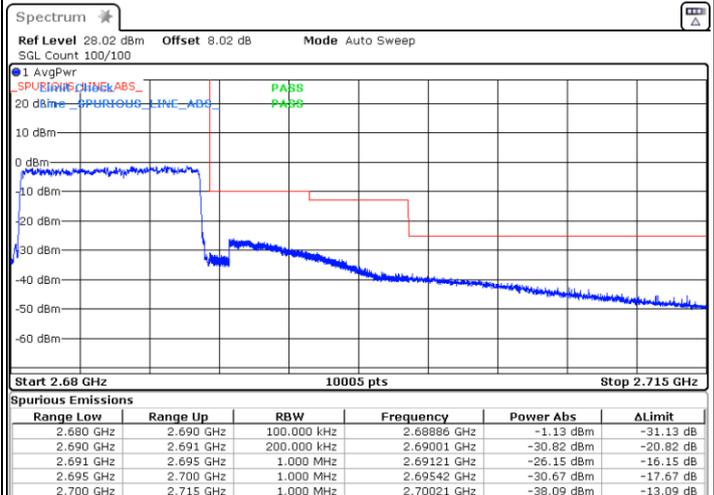
Date: 25.JAN.2022 04:05:31

Lowest Band Edge / Full RB



Date: 25.JAN.2022 04:00:34

Highest Band Edge / Full RB



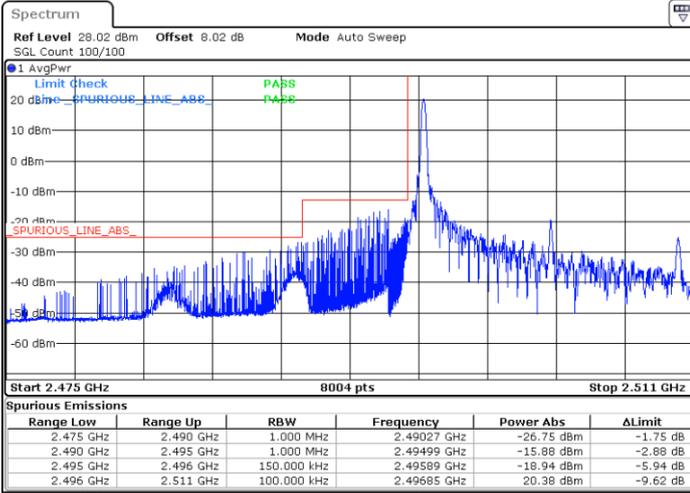
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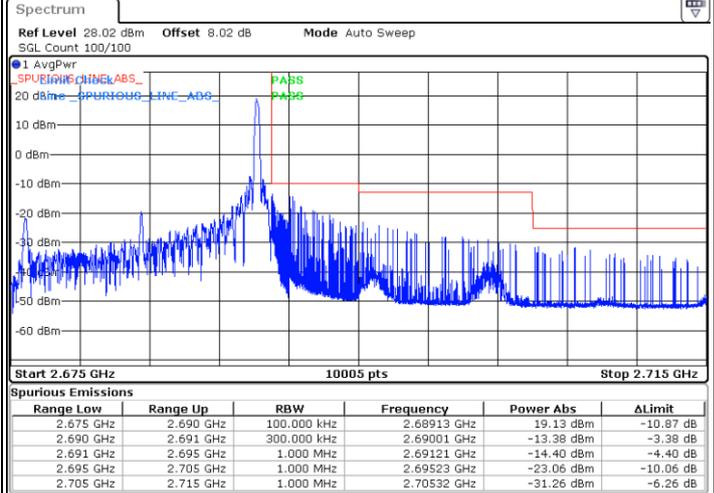
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



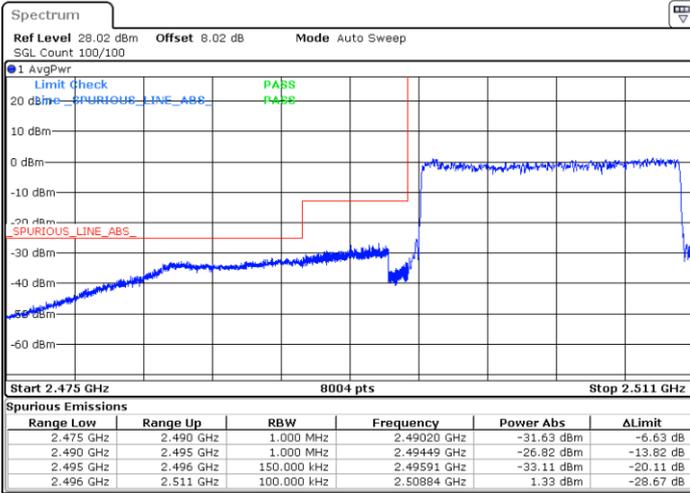
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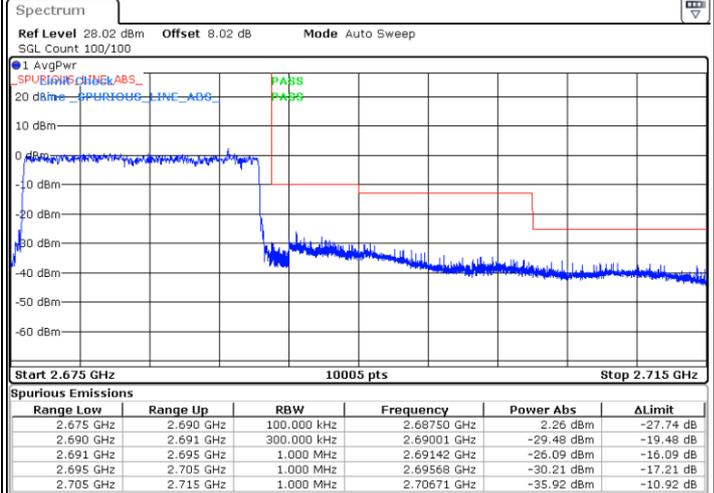
Date: 22 DEC 2021 09:38:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22 DEC 2021 09:34:16

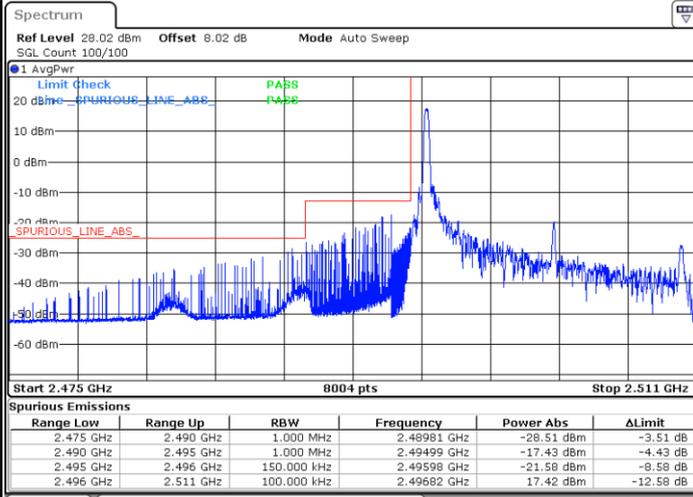


Date: 22 DEC 2021 09:42:30



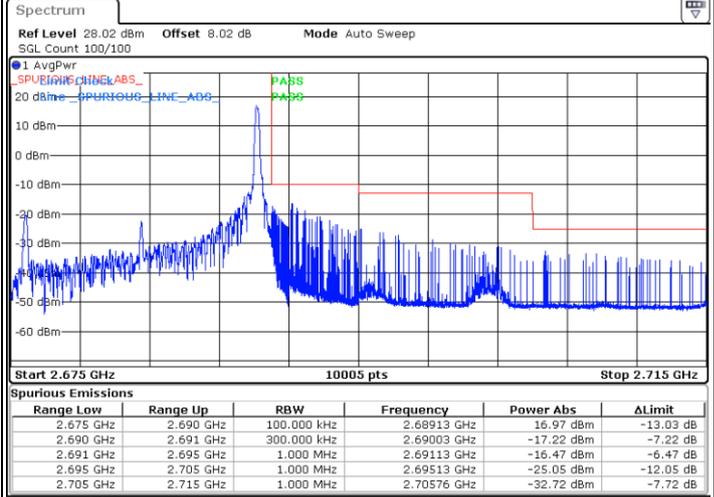
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



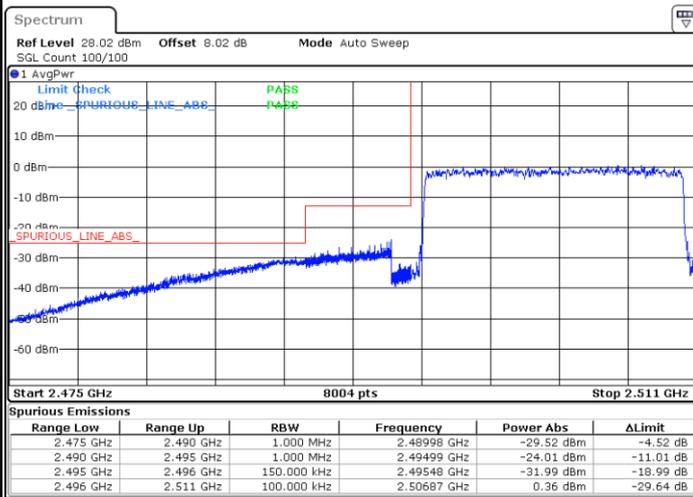
Date: 22 DEC 2021 09:31:29

Highest Band Edge / 1 RB



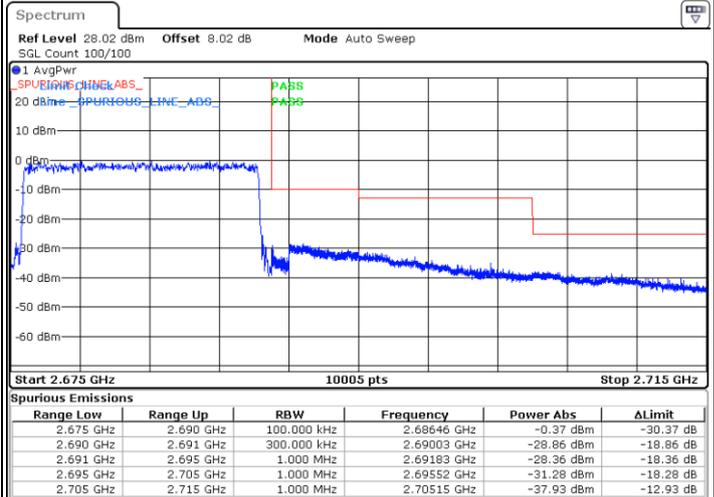
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Lowest Band Edge / Full RB



Date: 22 DEC 2021 09:32:52

Highest Band Edge / Full RB

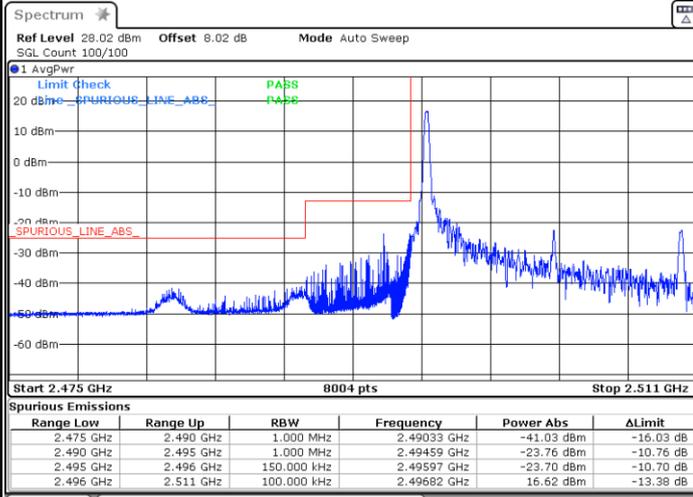


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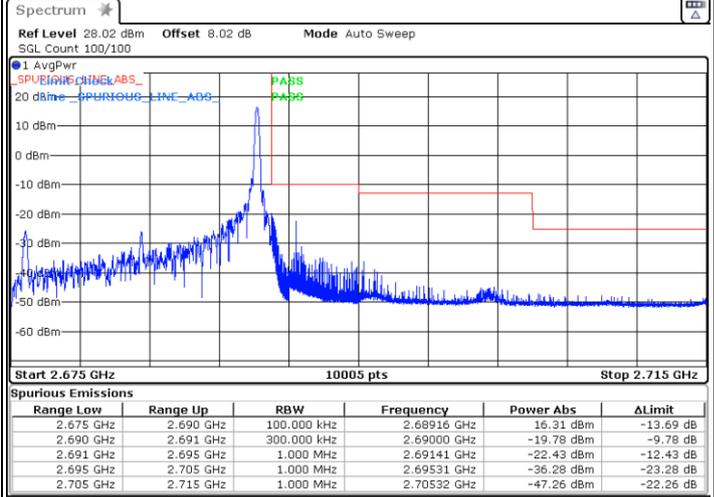
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



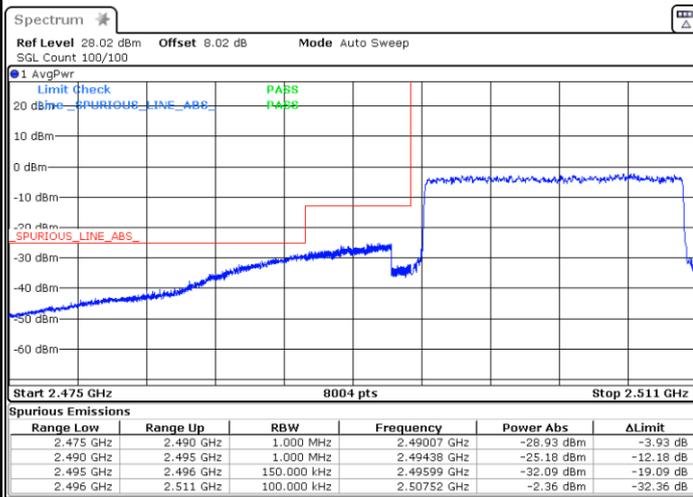
Date: 25.JAN.2022 04:11:17

Highest Band Edge / 1 RB



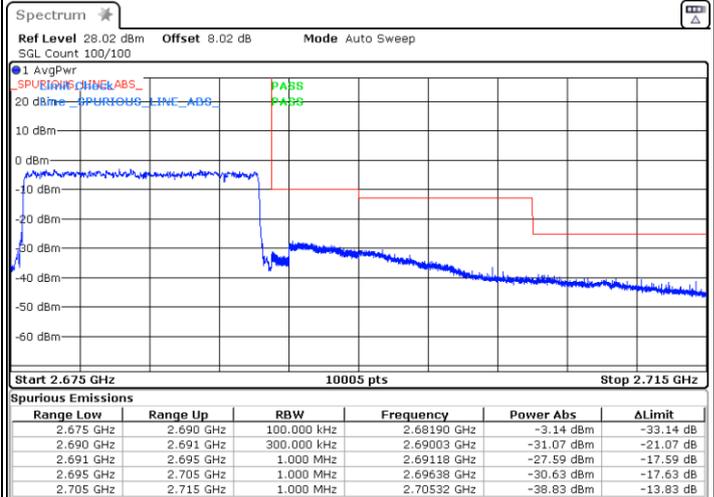
Date: 25.JAN.2022 04:14:12

Lowest Band Edge / Full RB



Date: 25.JAN.2022 04:10:13

Highest Band Edge / Full RB



Date: 25.JAN.2022 04:12:42