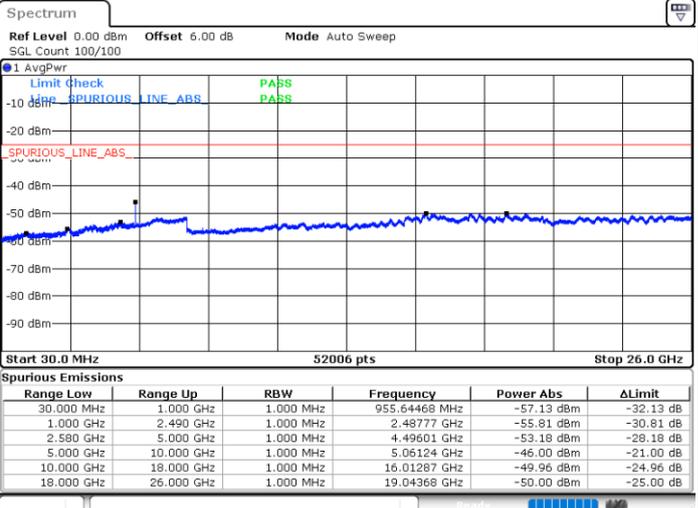
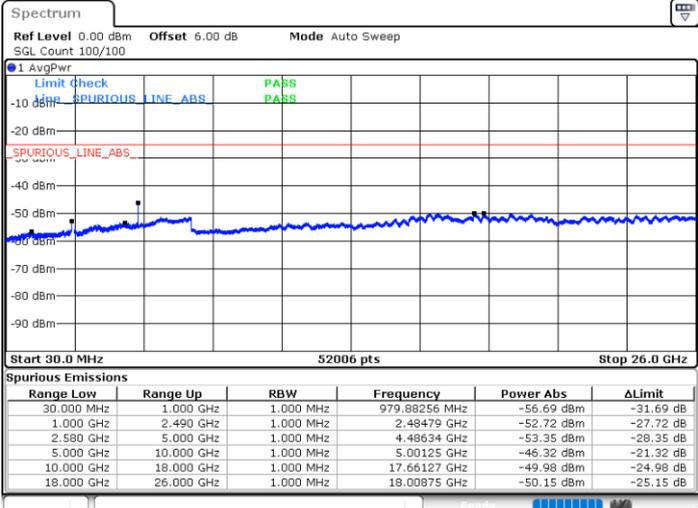




LTE Band 7 / 10MHz

Lowest Channel / QPSK

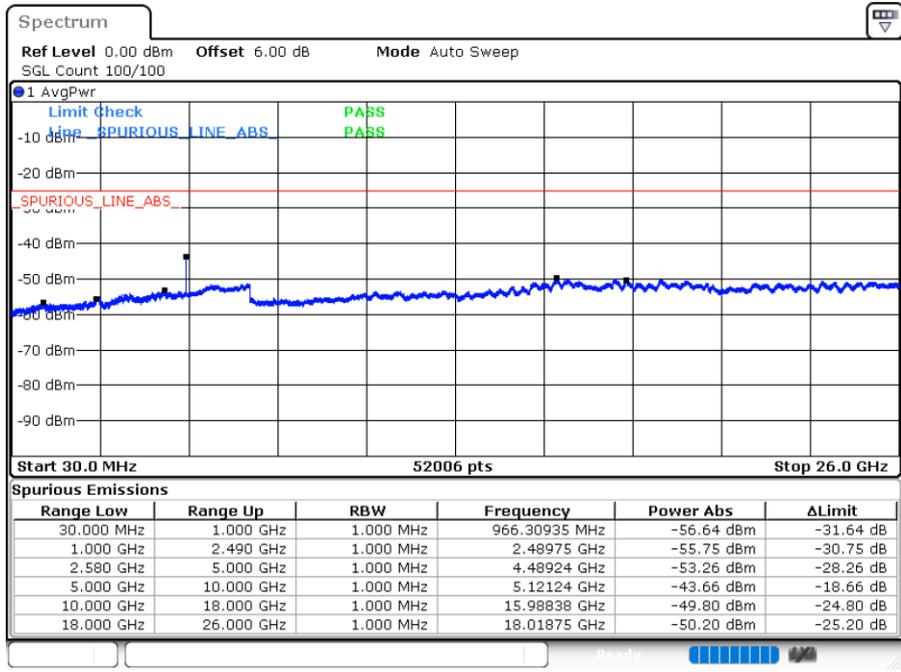
Middle Channel / QPSK



Date: 4.NOV.2022 22:06:18

Date: 4.NOV.2022 22:17:16

Highest Channel / QPSK



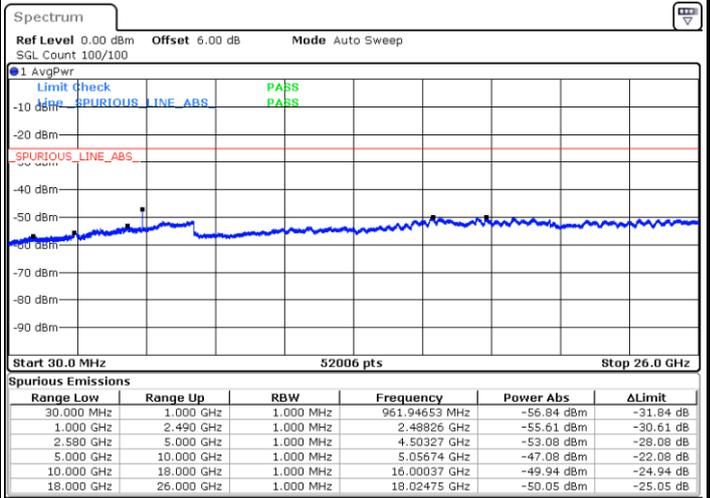
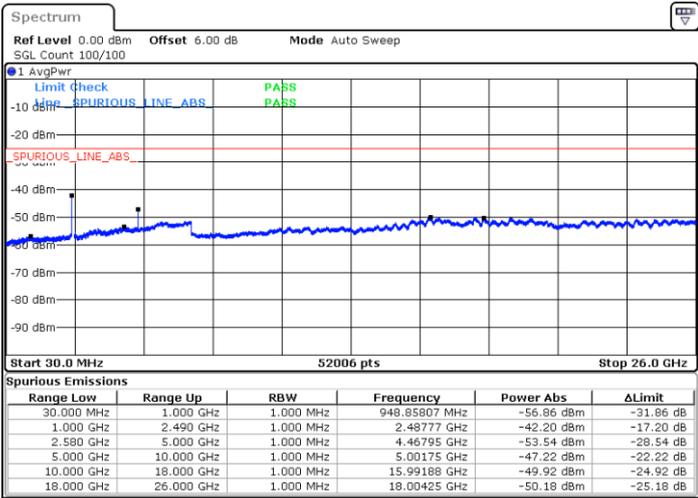
Date: 4.NOV.2022 22:18:35



LTE Band 7 / 15MHz

Lowest Channel / QPSK

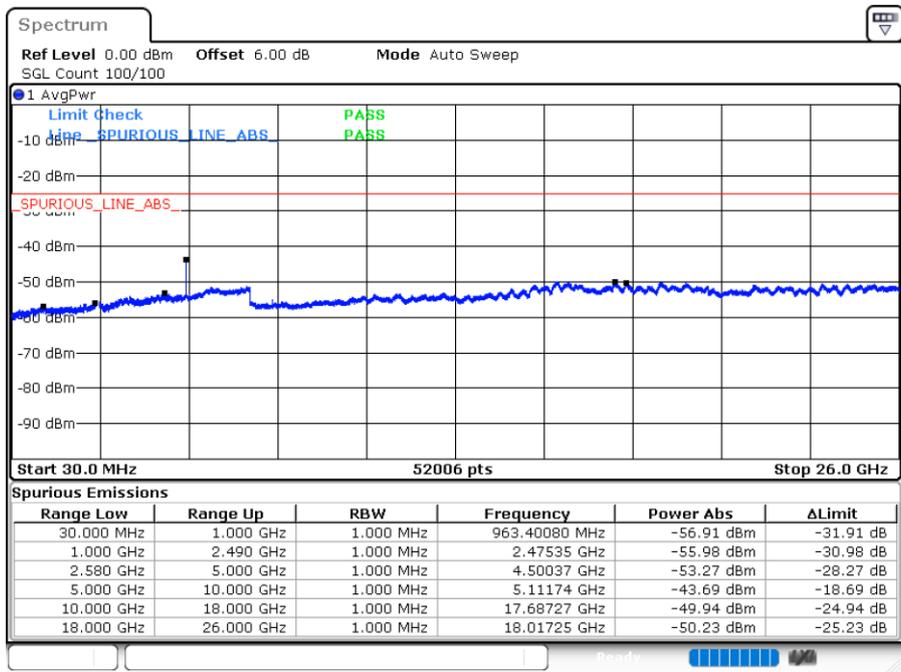
Middle Channel / QPSK



Date: 4.NOV.2022 22:34:37

Date: 4.NOV.2022 22:46:08

Highest Channel / QPSK



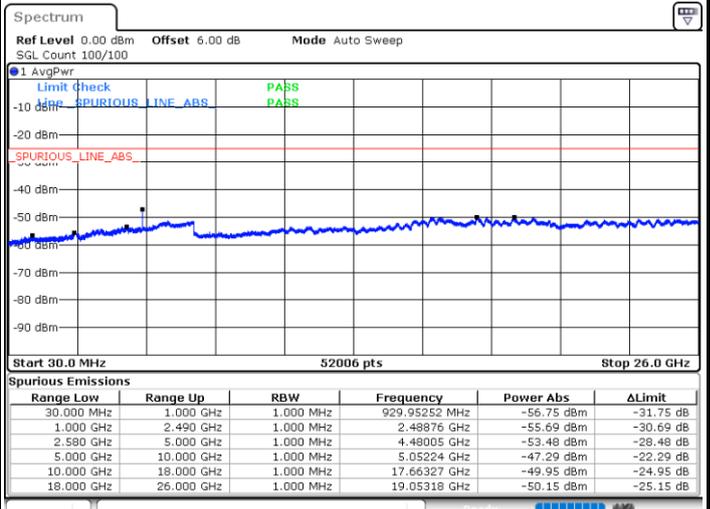
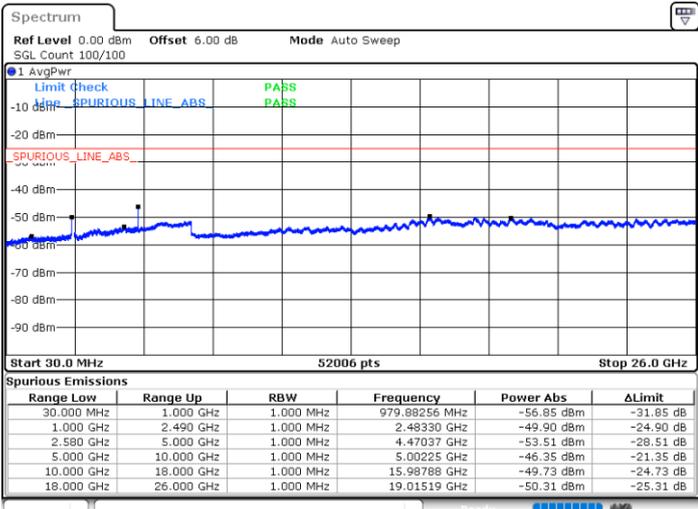
Date: 4.NOV.2022 22:47:28



LTE Band 7 / 20MHz

Lowest Channel / QPSK

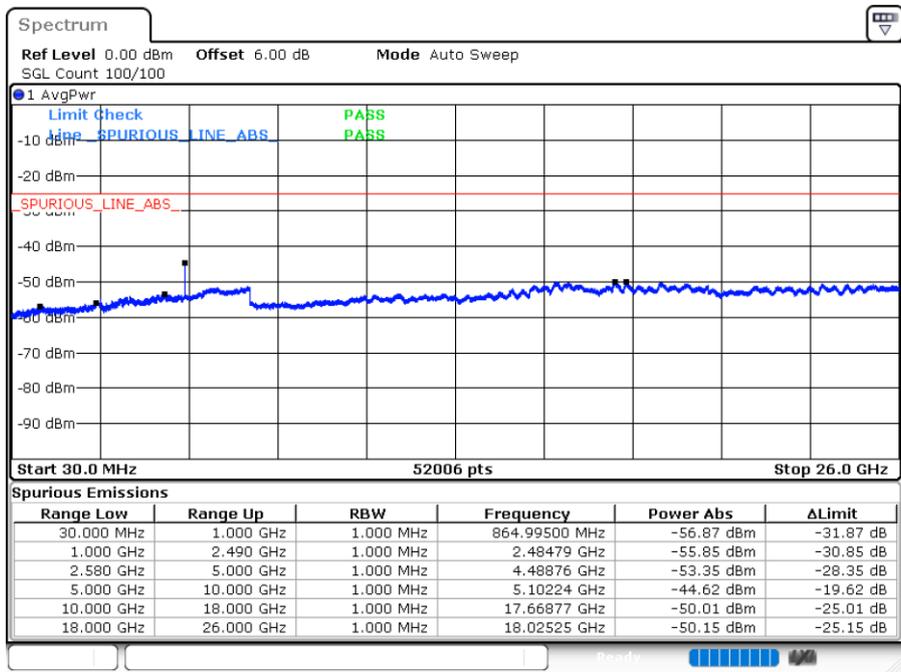
Middle Channel / QPSK



Date: 4.NOV.2022 23:03:20

Date: 4.NOV.2022 23:12:43

Highest Channel / QPSK



Date: 4.NOV.2022 23:14:02



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	0.0018	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0011	

Note:

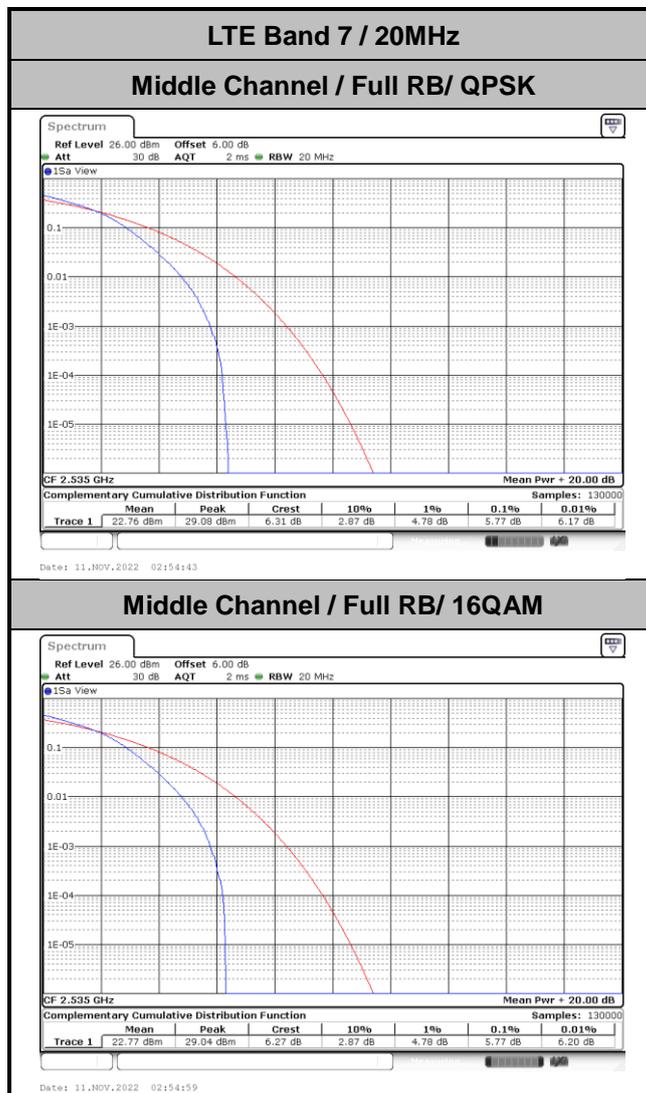
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

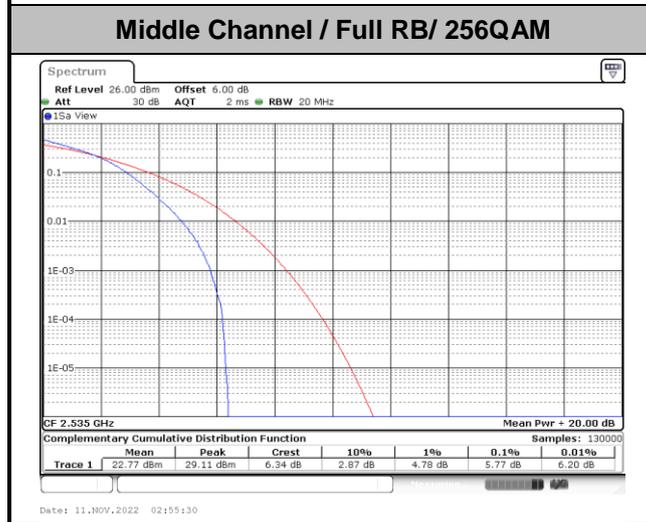
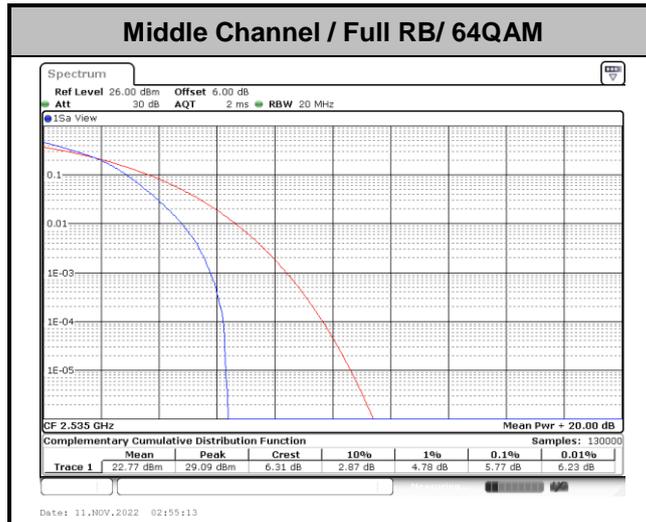


LTE Band 7(other PA)

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.77	5.77	5.77	5.77	PASS

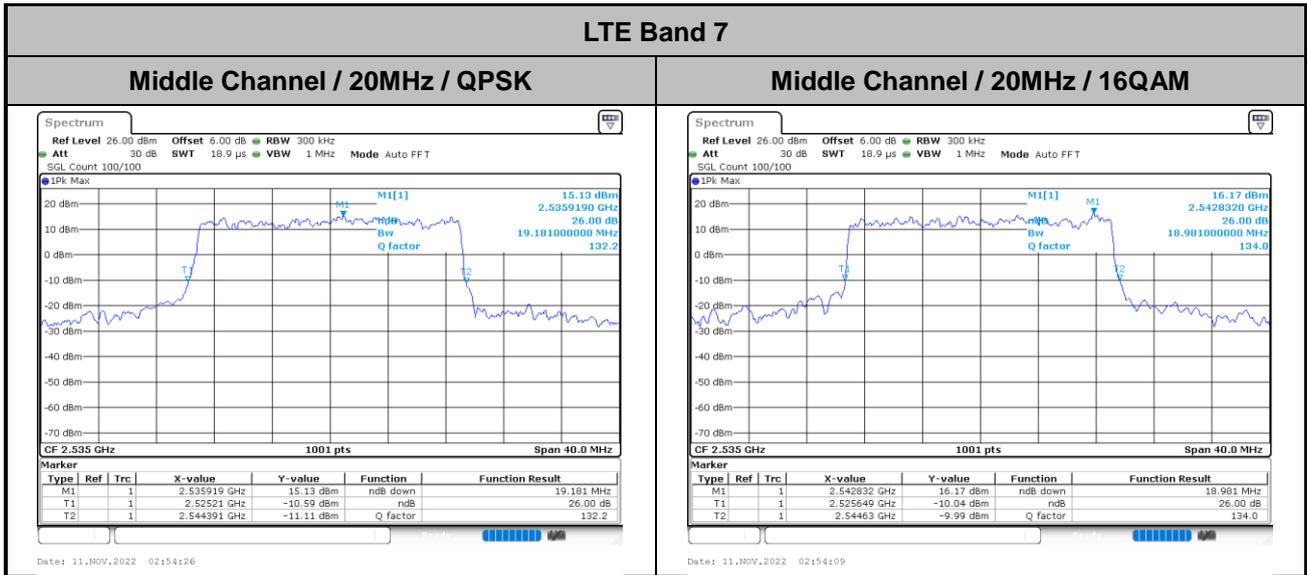






26dB Bandwidth

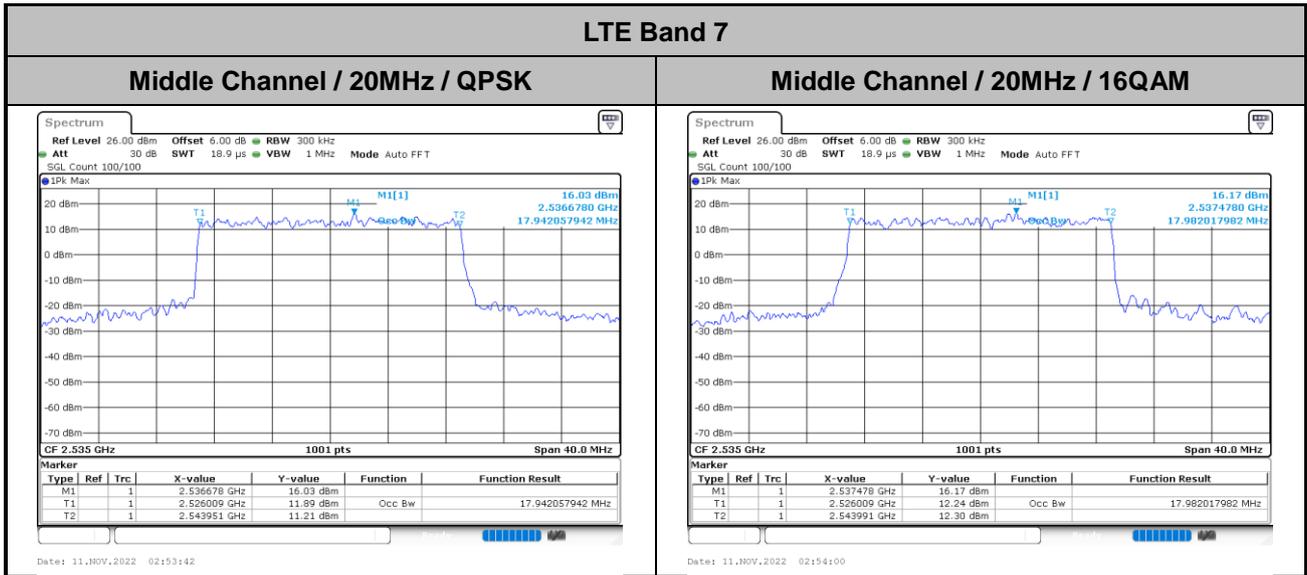
Mode	LTE Band 7 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.18	18.98





Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.94	17.98

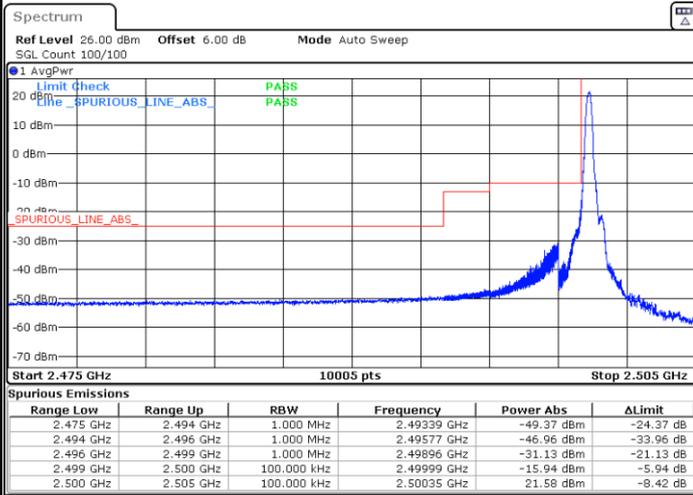




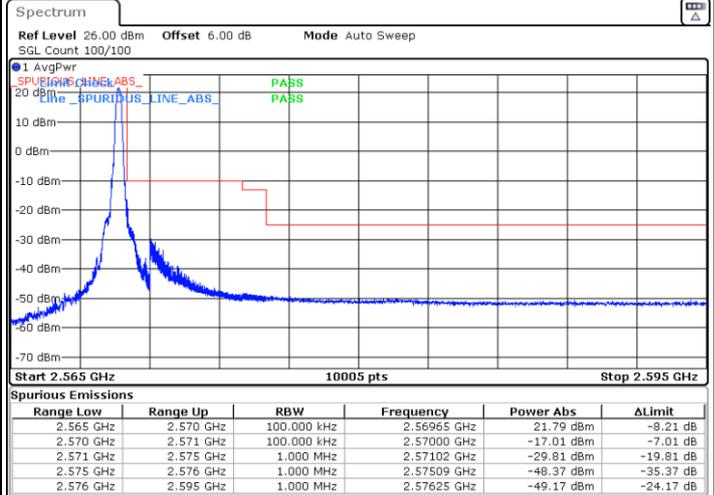
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

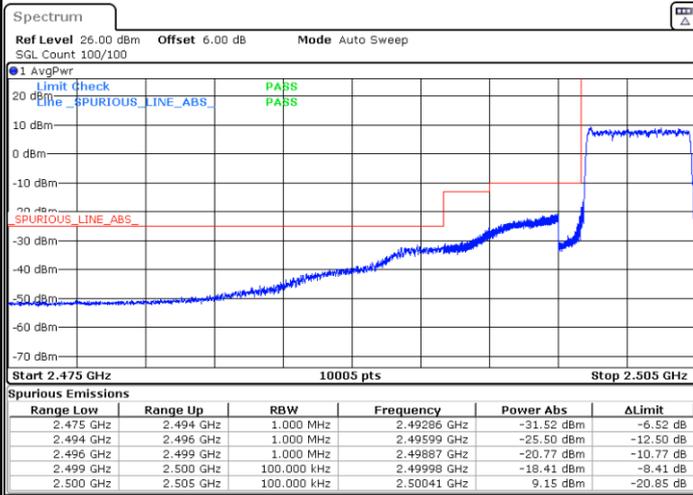
Lowest Band Edge / 1 RB



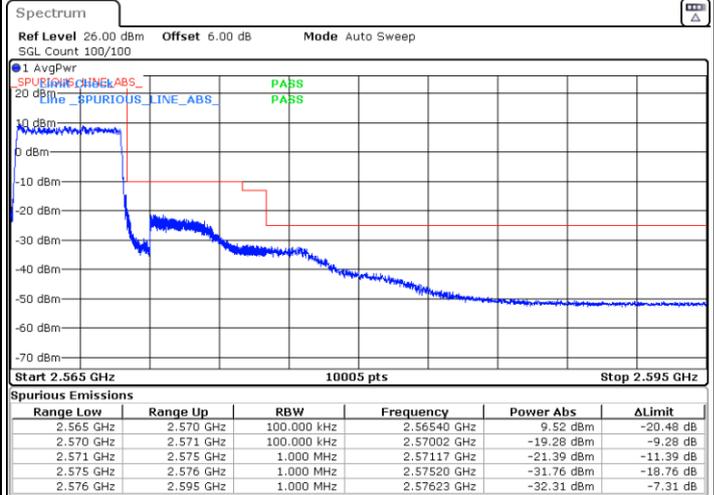
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

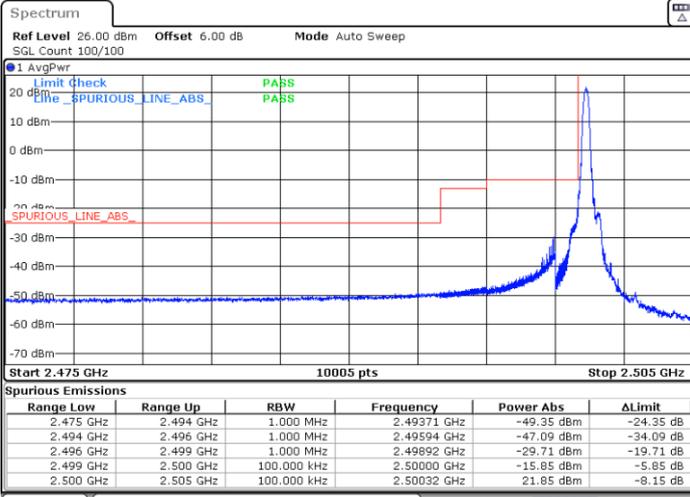




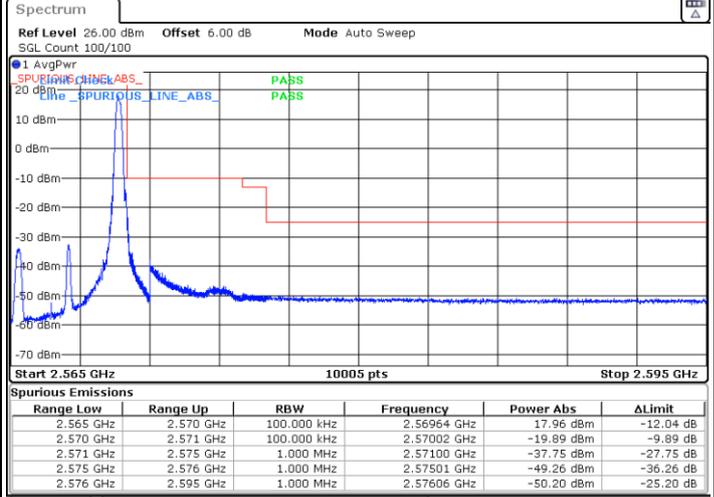
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



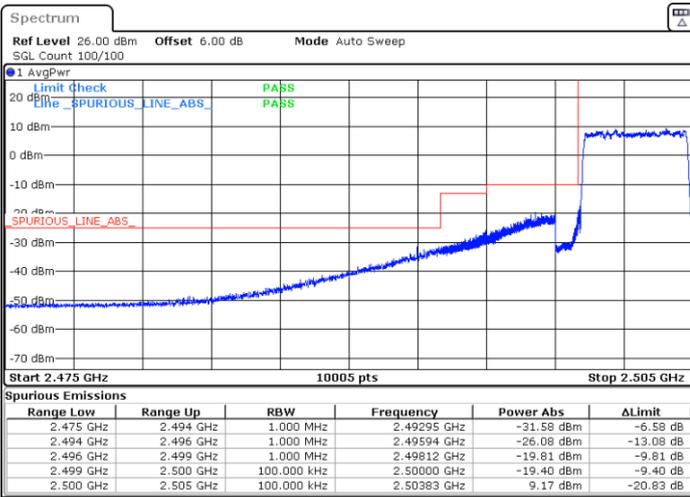
Date: 10.NOV.2022 02:22:33



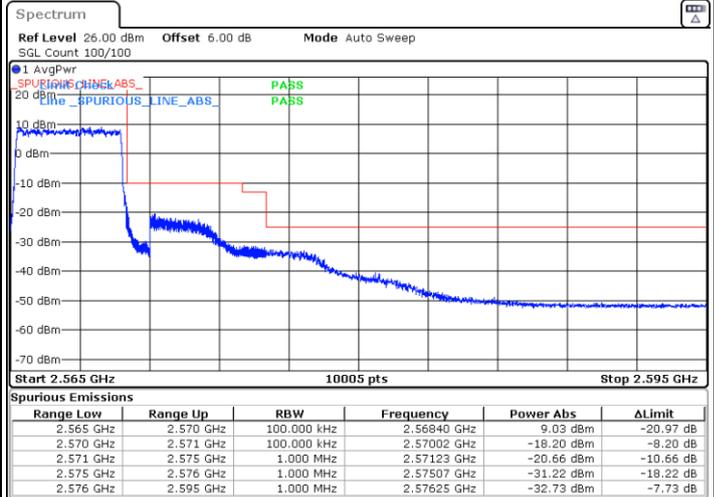
Date: 10.NOV.2022 02:17:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.NOV.2022 02:26:05

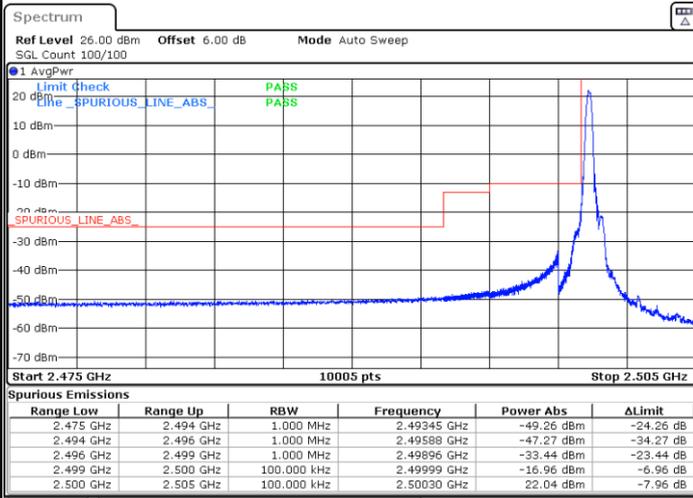


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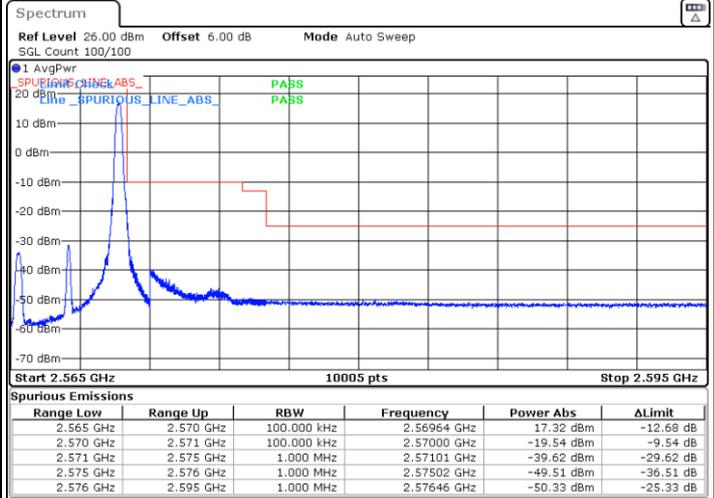
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



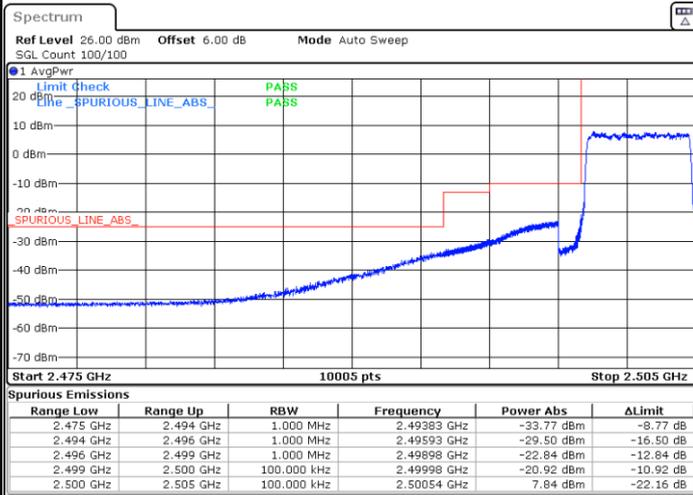
Date: 10.NOV.2022 02:23:07

Highest Band Edge / 1 RB



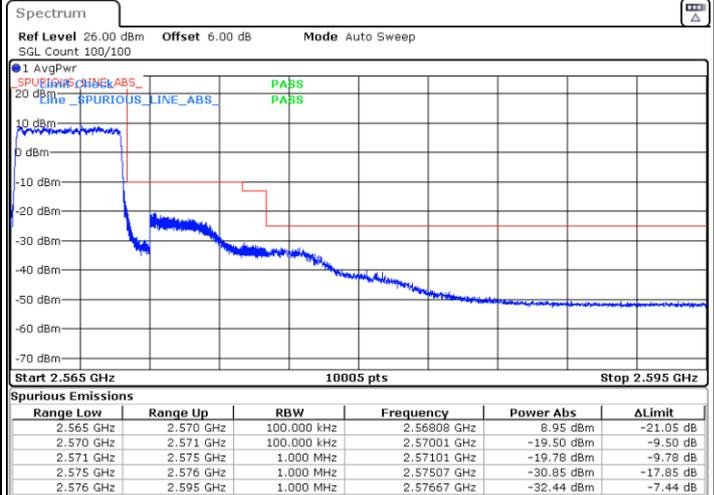
Date: 10.NOV.2022 02:16:50

Lowest Band Edge / Full RB



Date: 10.NOV.2022 02:25:33

Highest Band Edge / Full RB

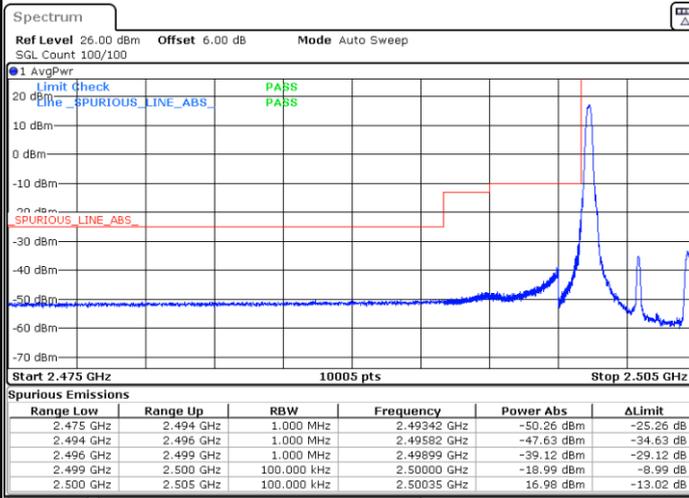


Date: 10.NOV.2022 02:15:18



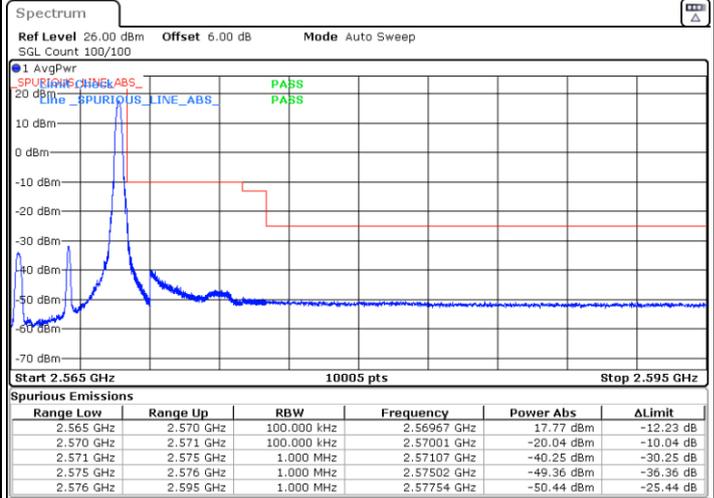
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



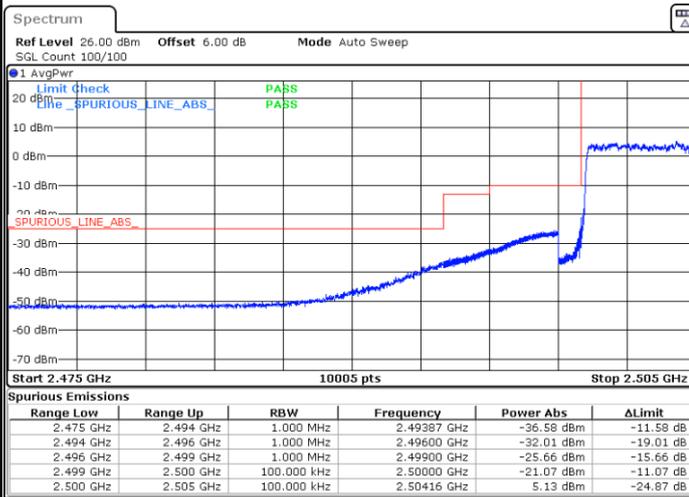
Date: 10.NOV.2022 02:24:19

Highest Band Edge / 1 RB



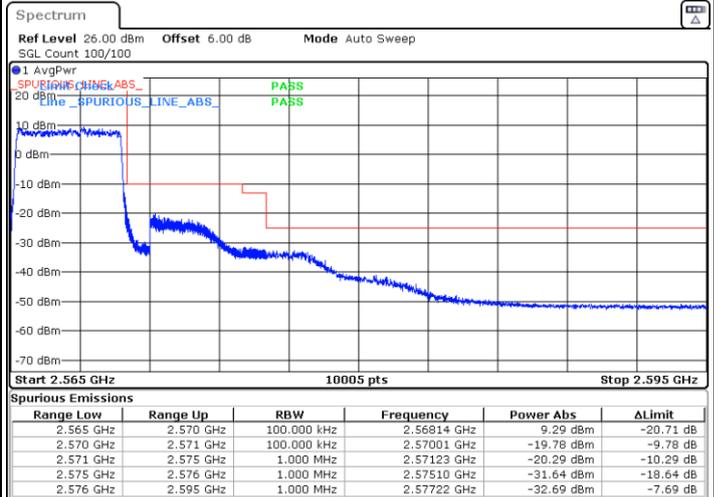
Date: 10.NOV.2022 02:16:28

Lowest Band Edge / Full RB



Date: 10.NOV.2022 02:24:56

Highest Band Edge / Full RB

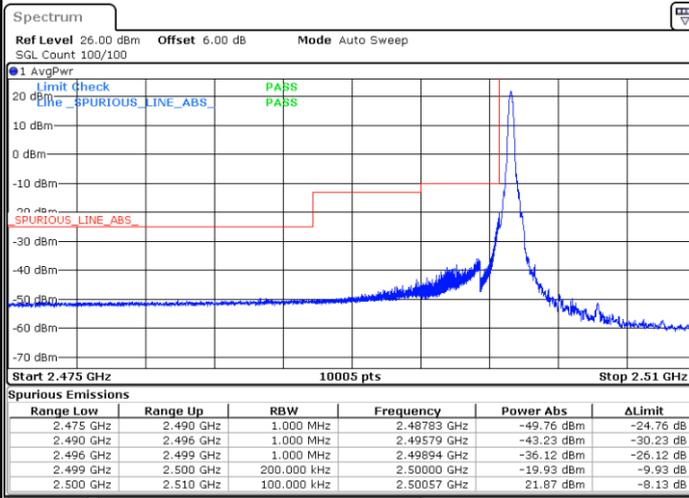


Date: 10.NOV.2022 02:15:40



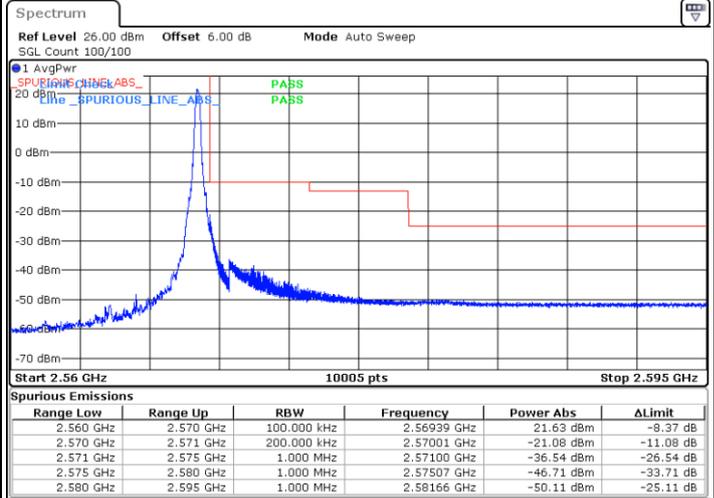
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



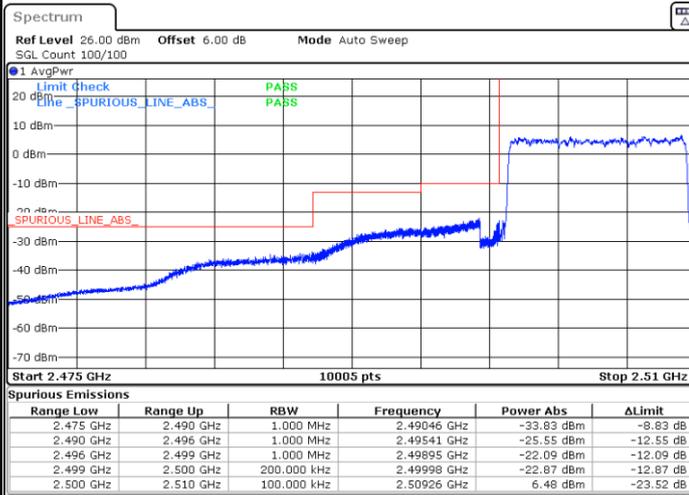
Date: 10.NOV.2022 03:00:15

Highest Band Edge / 1 RB



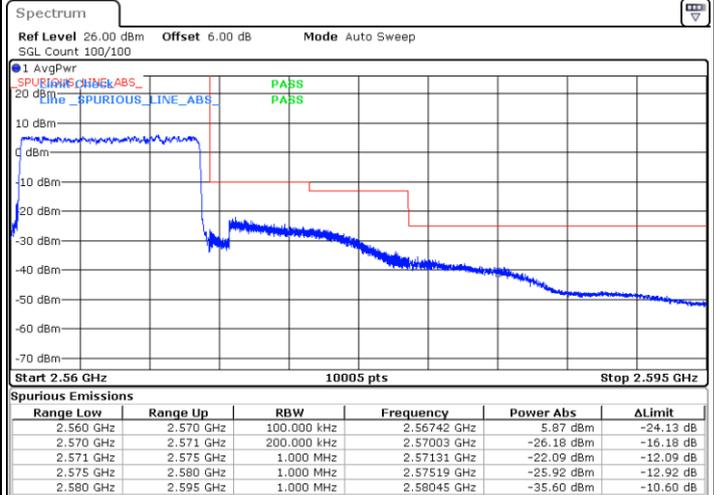
Date: 10.NOV.2022 03:04:43

Lowest Band Edge / Full RB



Date: 10.NOV.2022 02:28:31

Highest Band Edge / Full RB

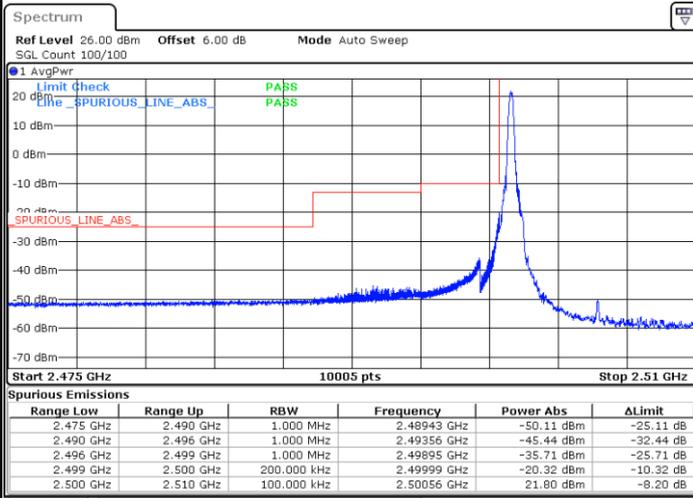


Date: 10.NOV.2022 03:08:42



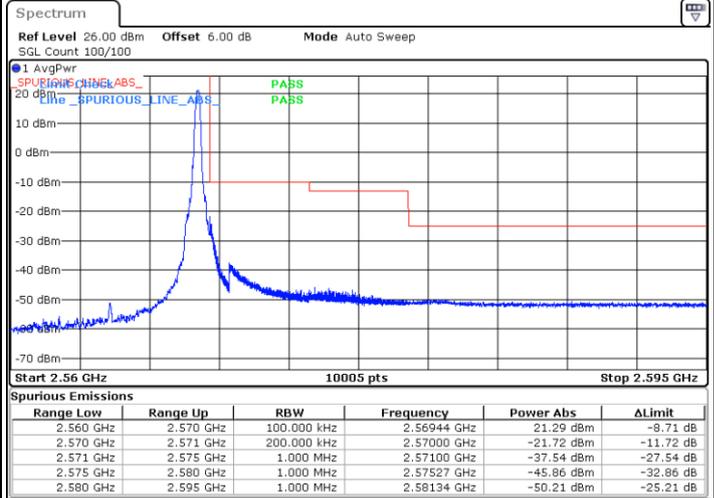
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



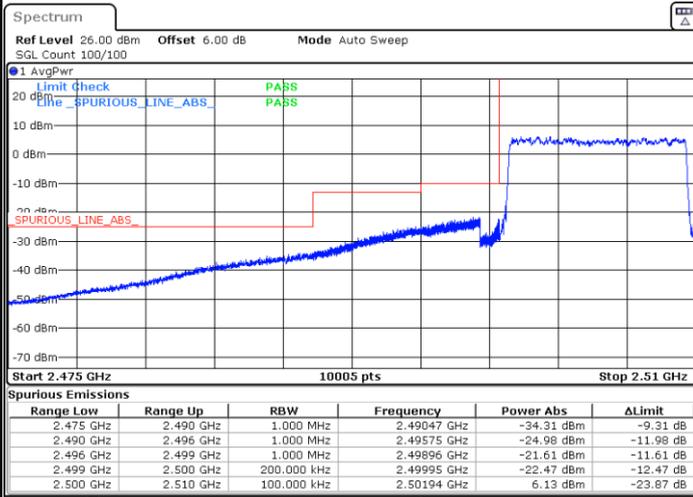
Date: 10.NOV.2022 02:59:38

Highest Band Edge / 1 RB



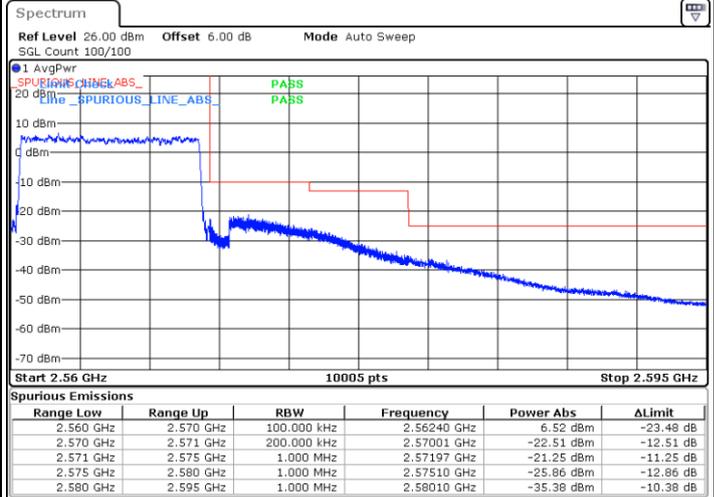
Date: 10.NOV.2022 03:05:05

Lowest Band Edge / Full RB



Date: 10.NOV.2022 02:29:05

Highest Band Edge / Full RB

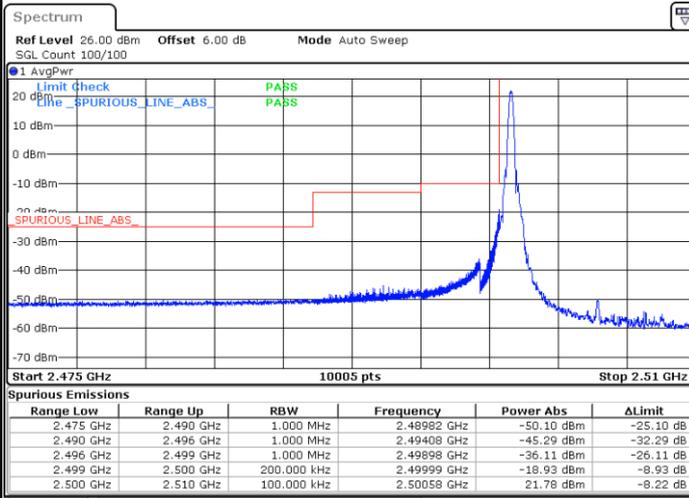


Date: 10.NOV.2022 03:08:24



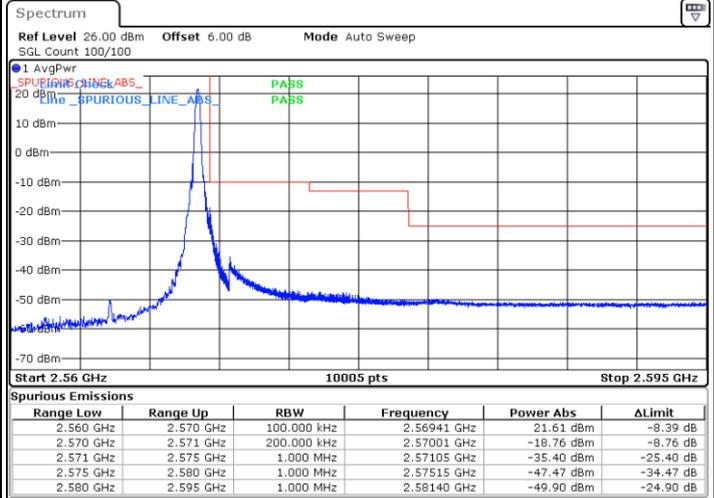
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



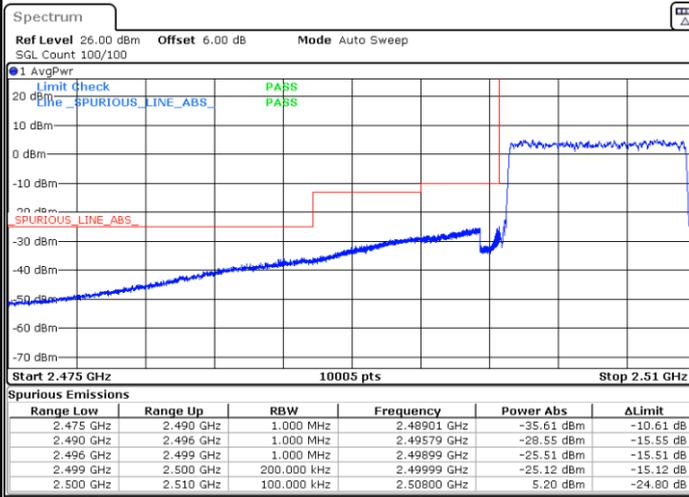
Date: 10.NOV.2022 02:57:24

Highest Band Edge / 1 RB



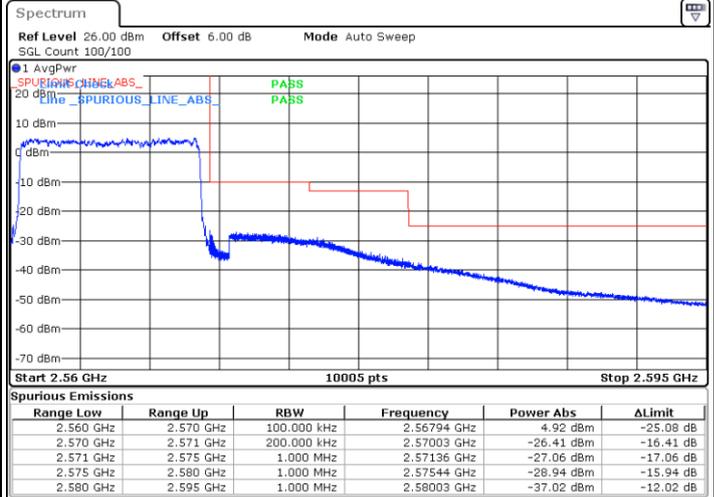
Date: 10.NOV.2022 03:05:24

Lowest Band Edge / Full RB



Date: 10.NOV.2022 02:29:55

Highest Band Edge / Full RB

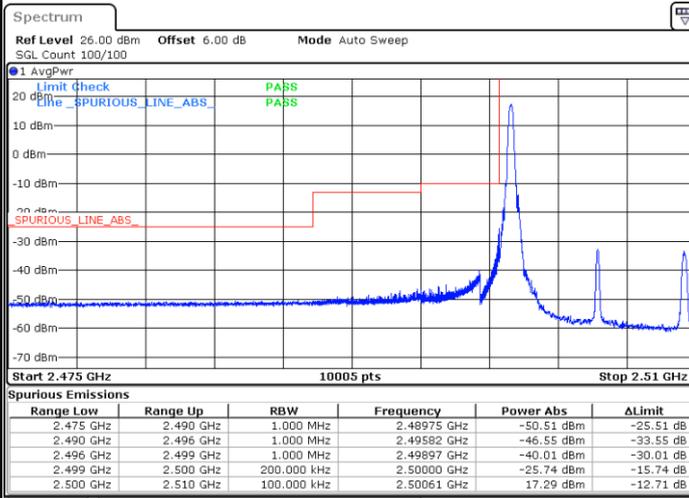


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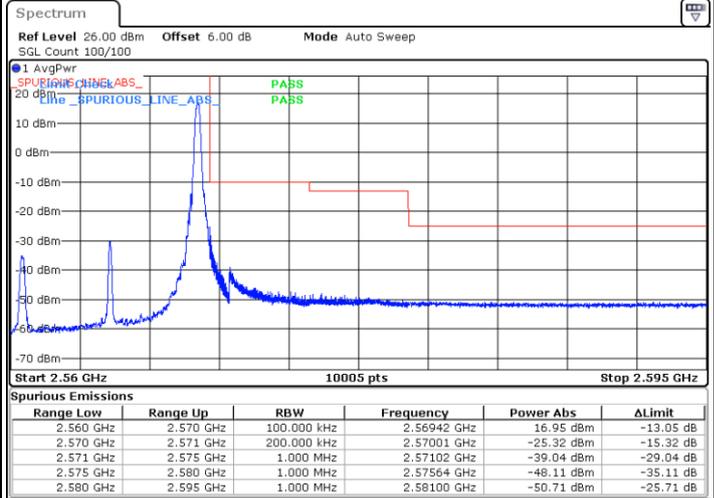
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



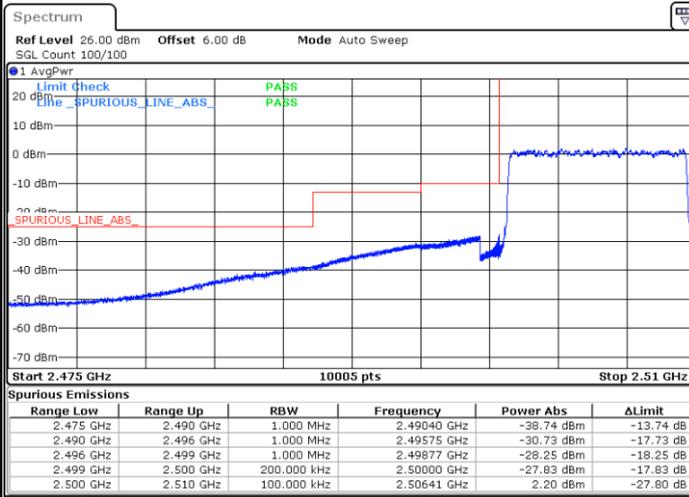
Date: 10.NOV.2022 02:57:07

Highest Band Edge / 1 RB



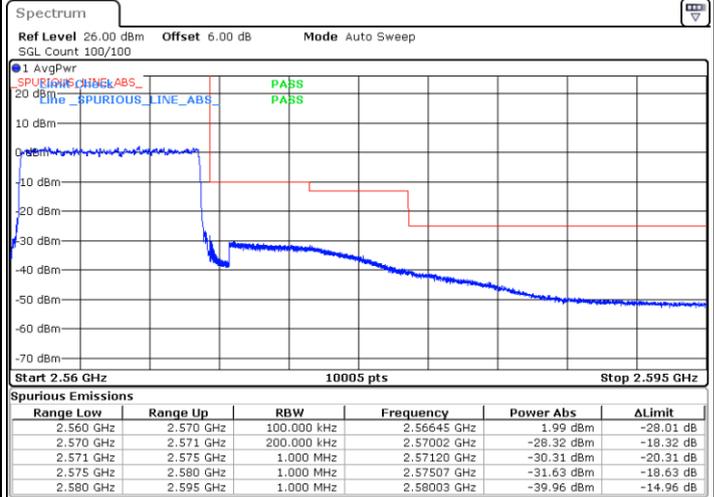
Date: 10.NOV.2022 03:05:48

Lowest Band Edge / Full RB



Date: 10.NOV.2022 02:56:44

Highest Band Edge / Full RB

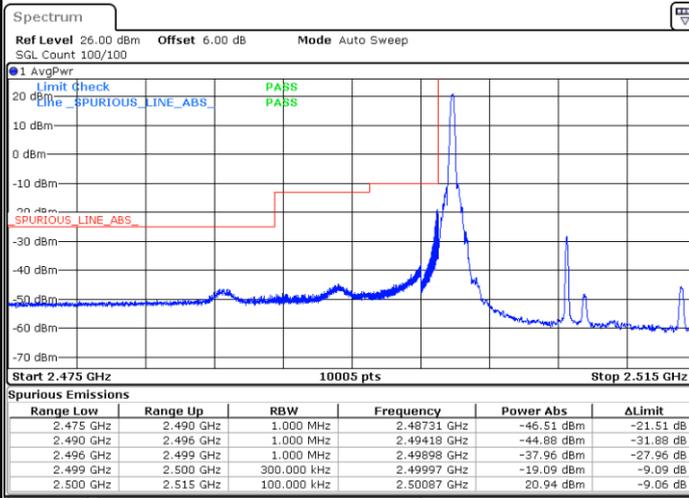


Date: 10.NOV.2022 03:07:40



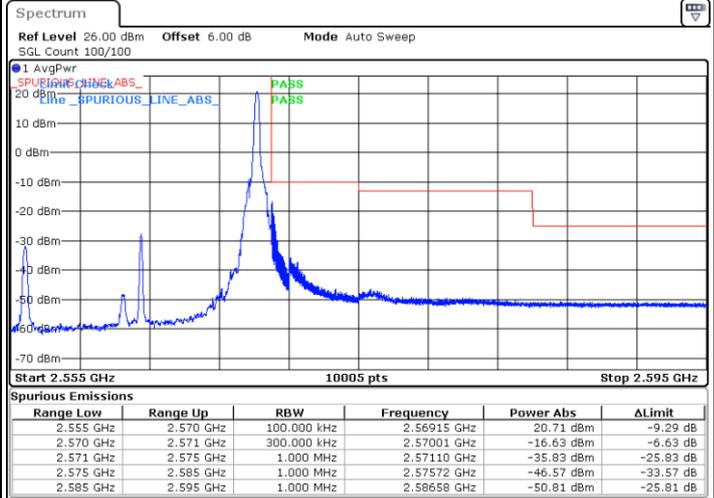
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



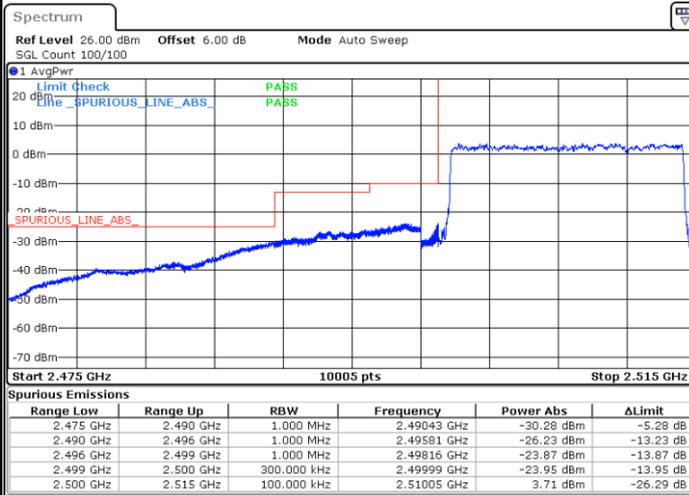
Date: 11.NOV.2022 02:25:40

Highest Band Edge / 1 RB



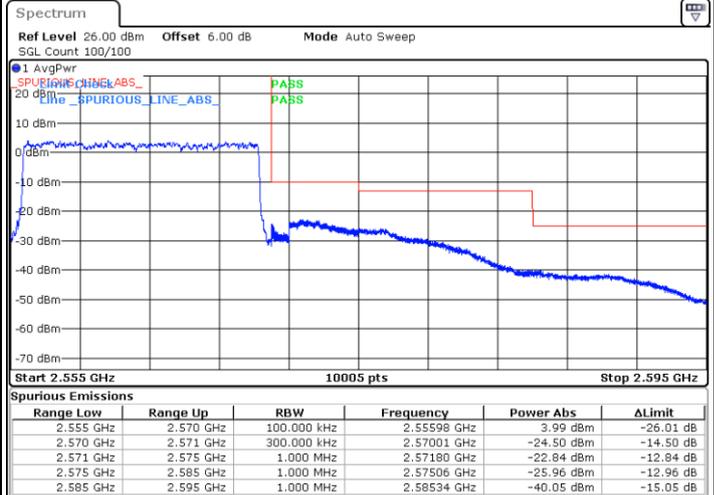
Date: 11.NOV.2022 02:36:24

Lowest Band Edge / Full RB



Date: 10.NOV.2022 03:10:02

Highest Band Edge / Full RB

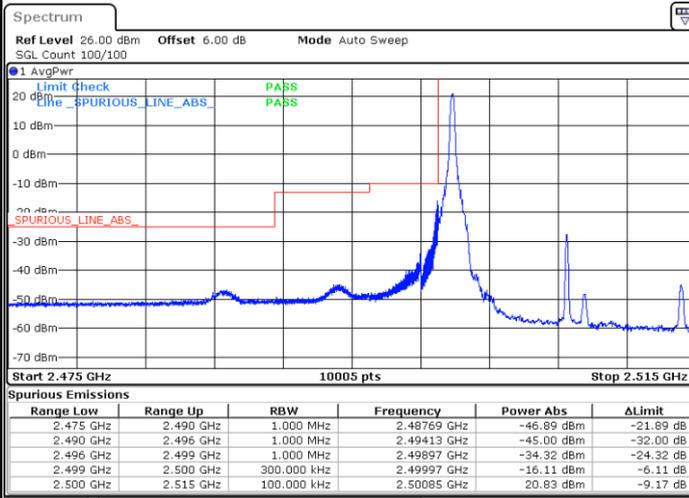


Date: 11.NOV.2022 02:38:57



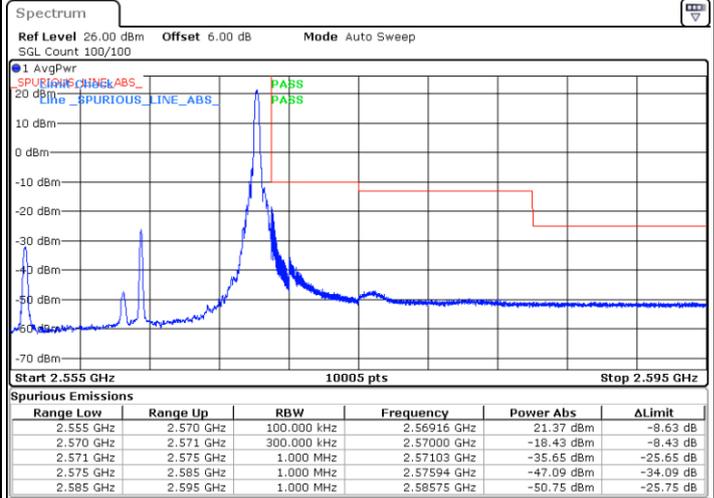
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



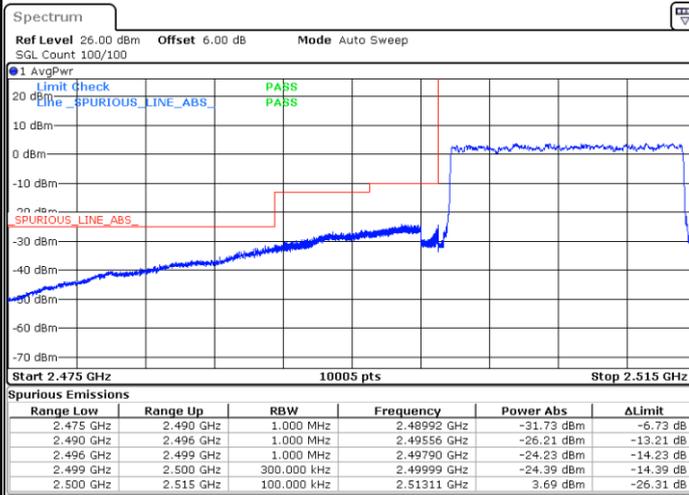
Date: 11.NOV.2022 02:26:12

Highest Band Edge / 1 RB



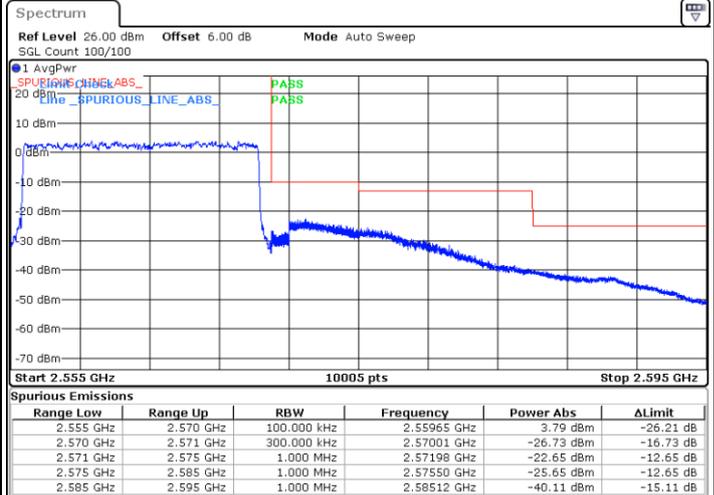
Date: 11.NOV.2022 02:36:43

Lowest Band Edge / Full RB



Date: 10.NOV.2022 03:10:34

Highest Band Edge / Full RB

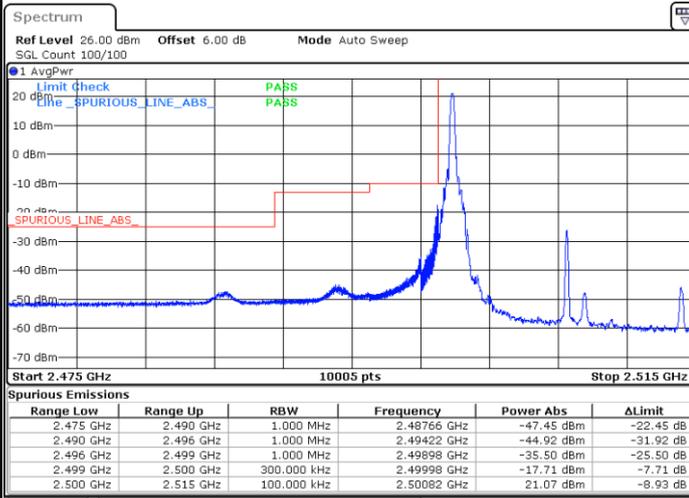


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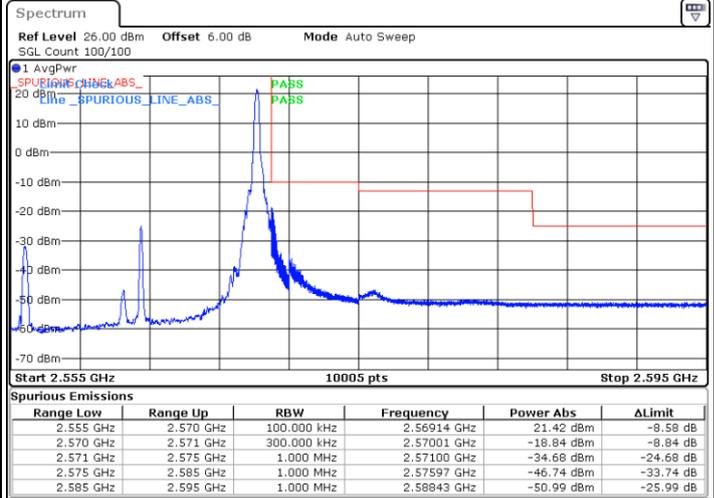


LTE Band 7 / 15MHz / 64QAM

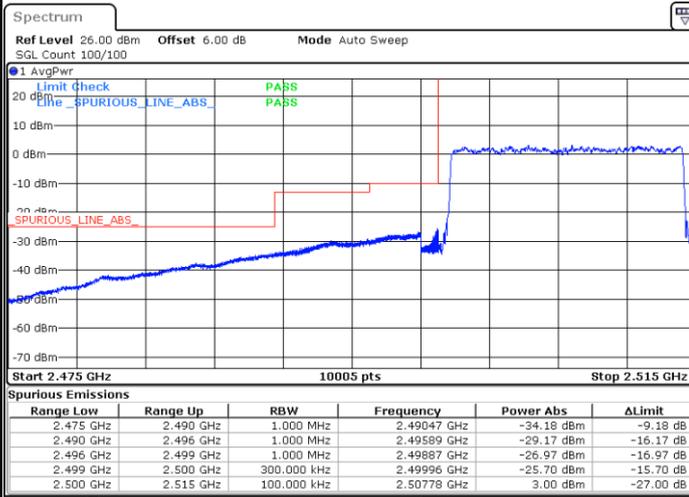
Lowest Band Edge / 1 RB



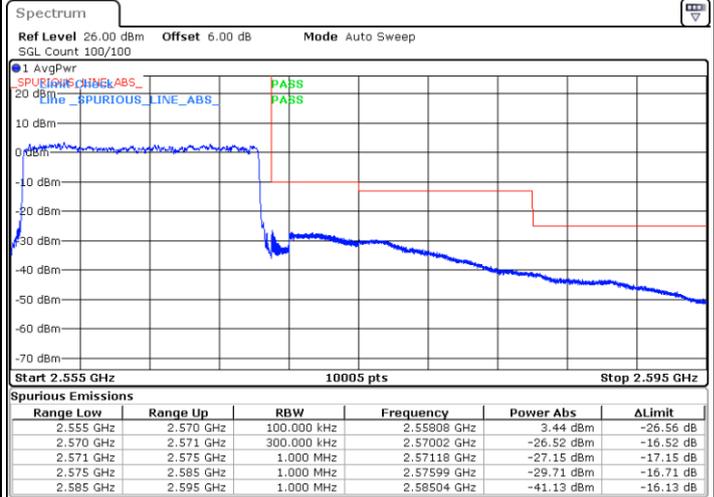
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



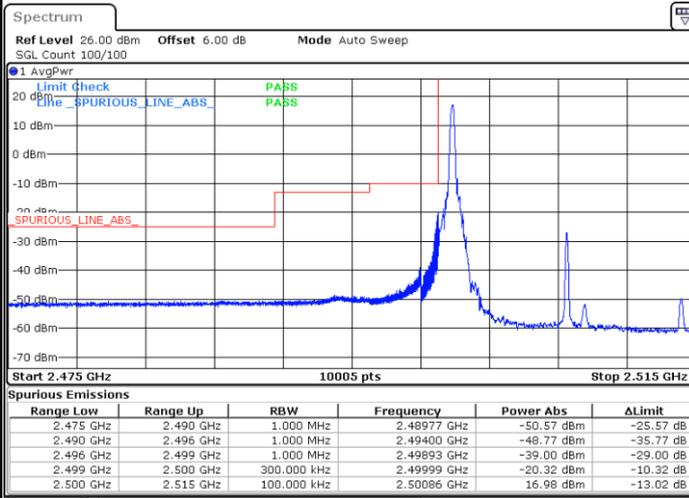
Highest Band Edge / Full RB



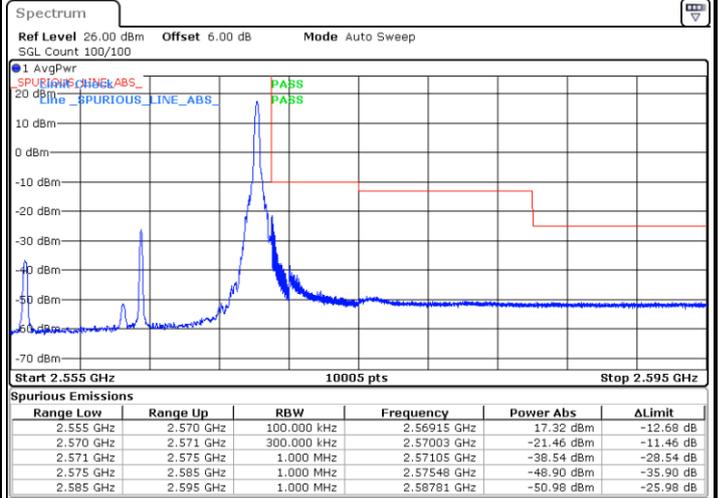


LTE Band 7 / 15MHz / 256QAM

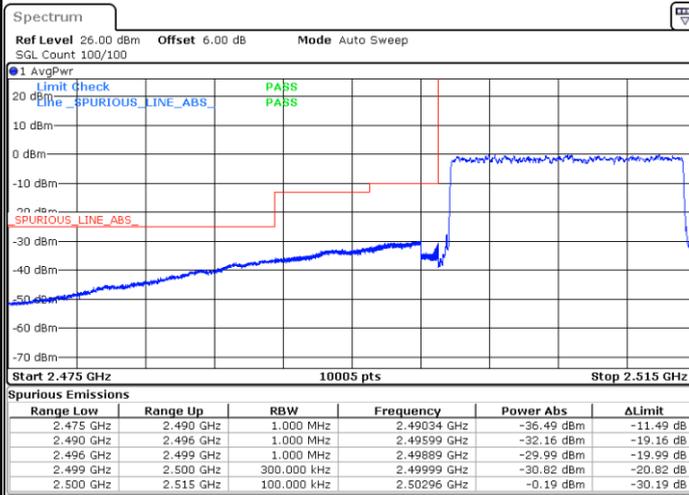
Lowest Band Edge / 1 RB



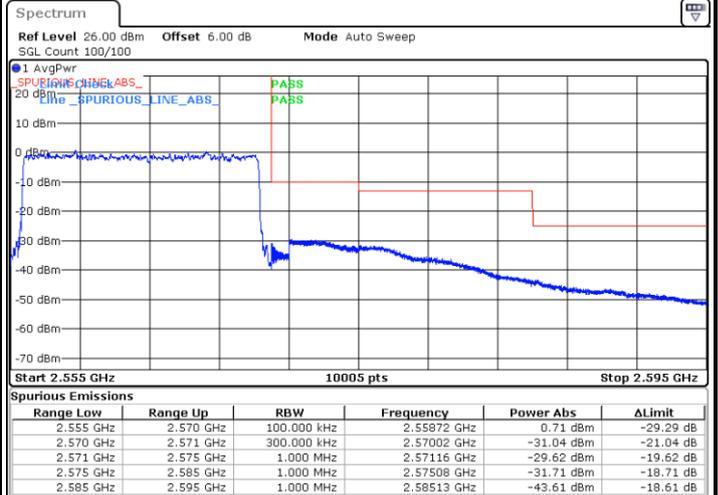
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



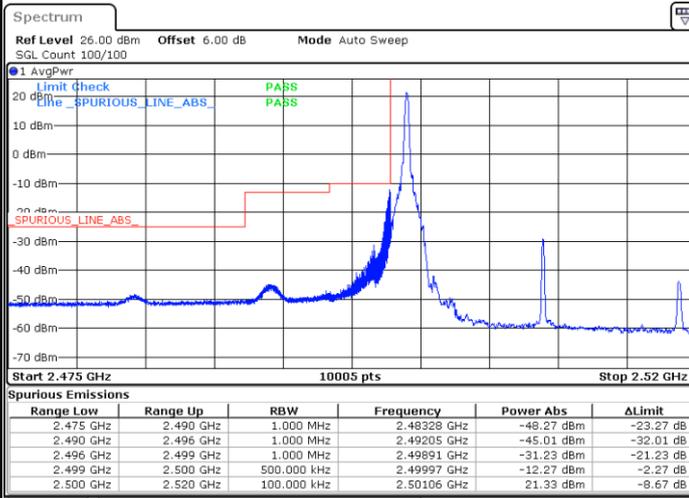
Highest Band Edge / Full RB





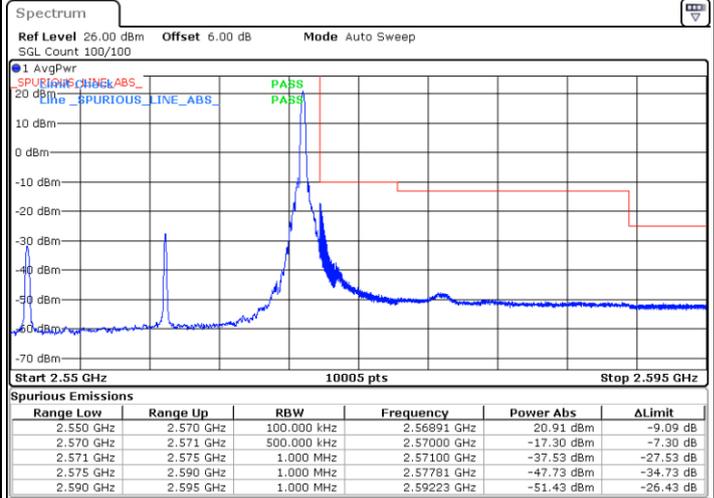
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



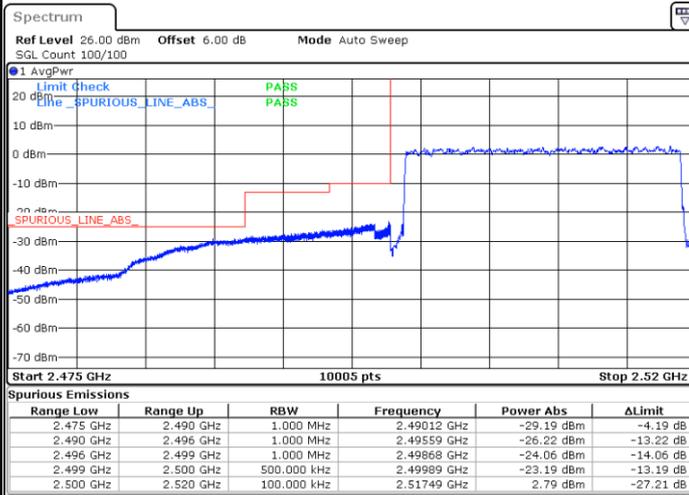
Date: 11.NOV.2022 02:42:10

Highest Band Edge / 1 RB



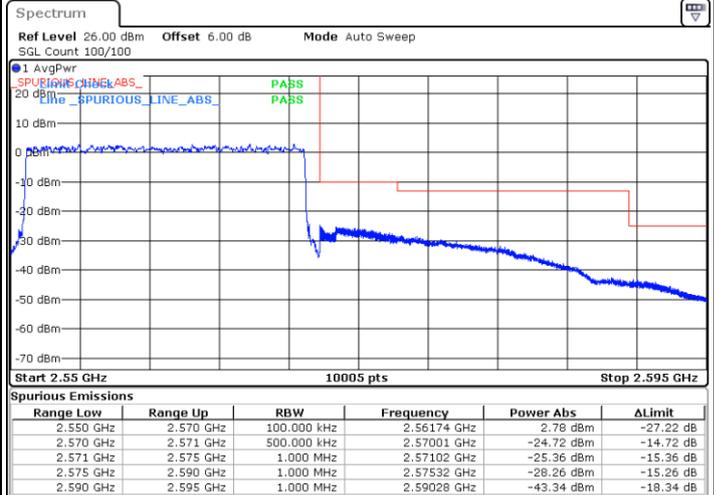
Date: 11.NOV.2022 02:49:21

Lowest Band Edge / Full RB



Date: 11.NOV.2022 02:44:40

Highest Band Edge / Full RB

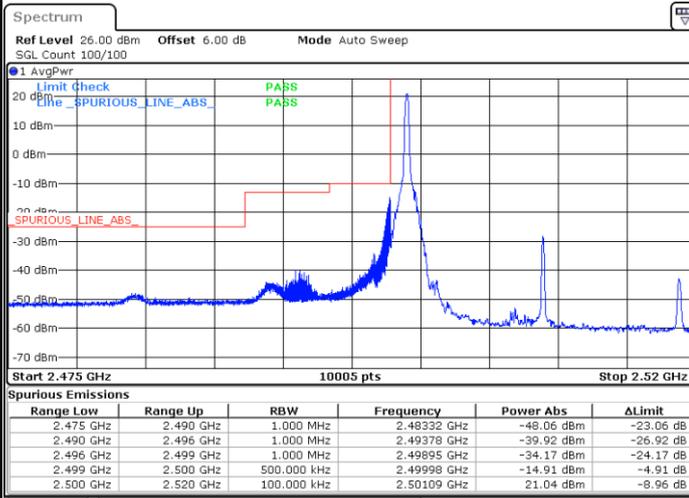


Date: 11.NOV.2022 02:45:31



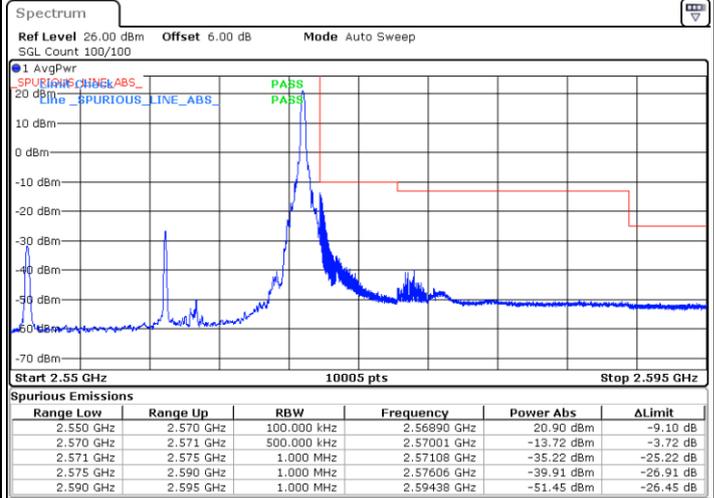
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



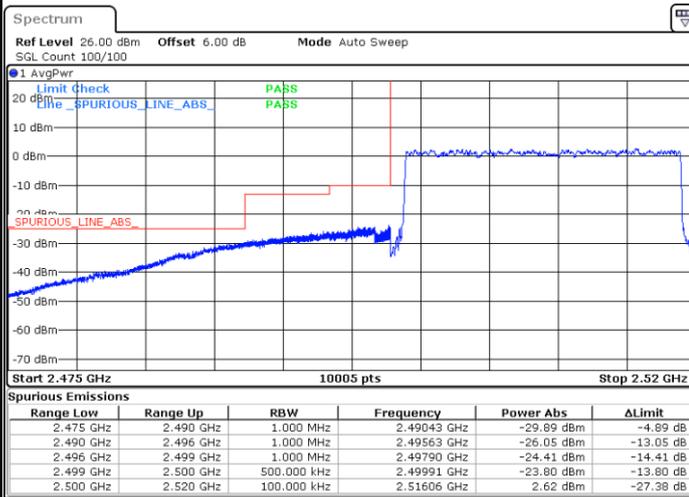
Date: 11.NOV.2022 02:42:36

Highest Band Edge / 1 RB



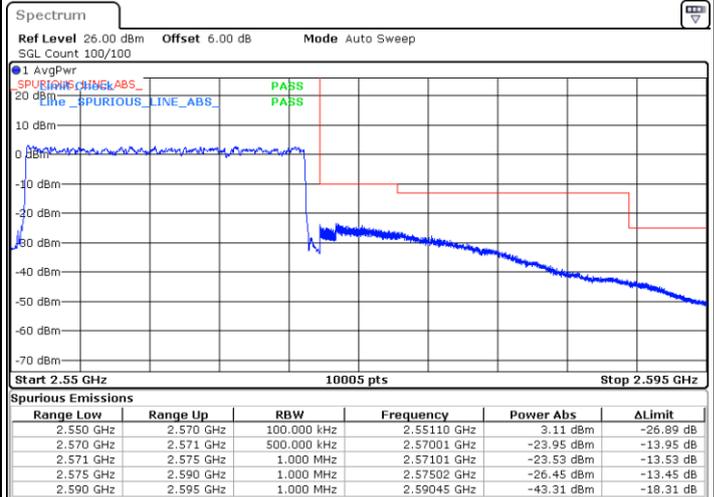
Date: 11.NOV.2022 02:48:53

Lowest Band Edge / Full RB



Date: 11.NOV.2022 02:44:20

Highest Band Edge / Full RB

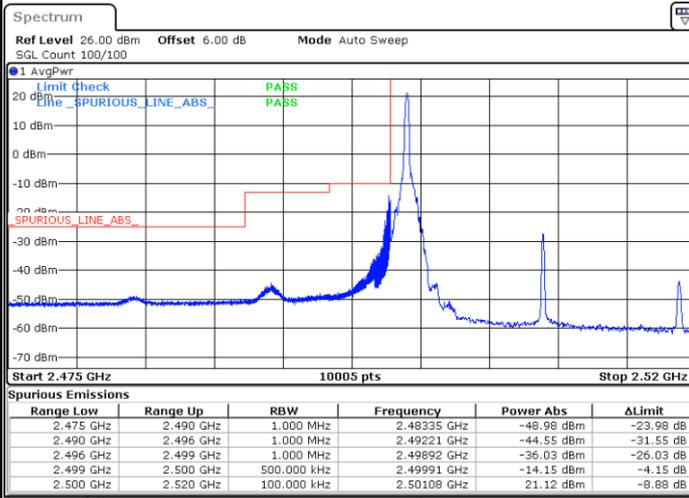


Date: 11.NOV.2022 02:46:03



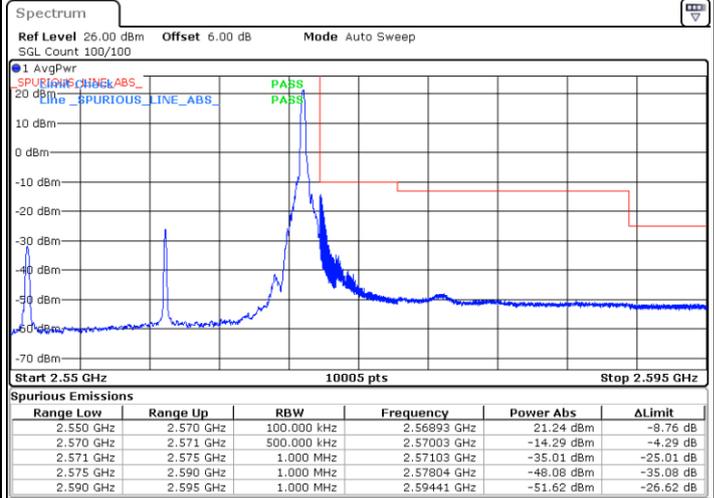
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



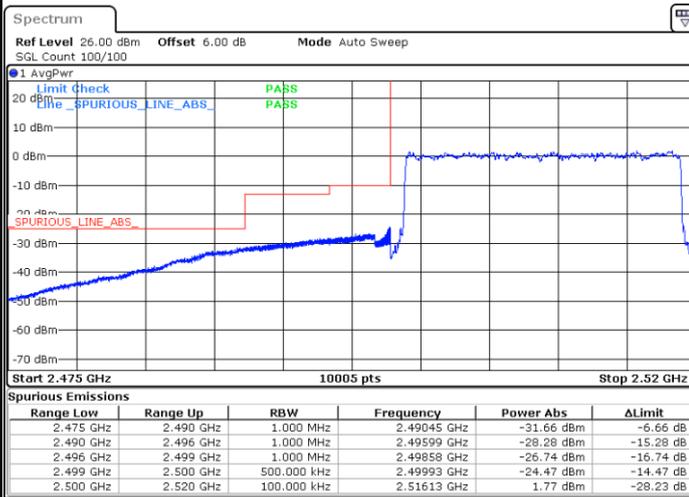
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Highest Band Edge / 1 RB



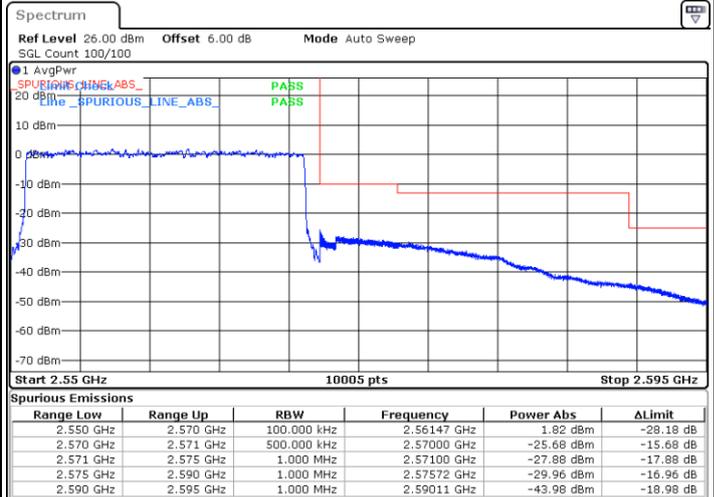
Date: 11.NOV.2022 02:48:33

Lowest Band Edge / Full RB



Date: 11.NOV.2022 02:44:02

Highest Band Edge / Full RB

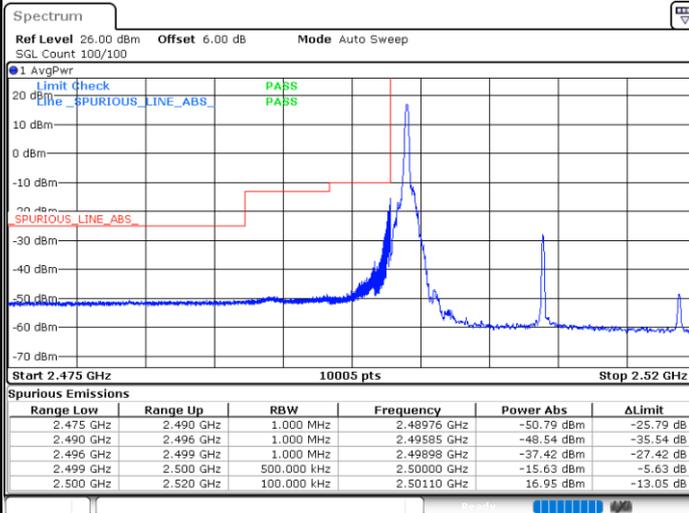


Date: 11.NOV.2022 02:46:26



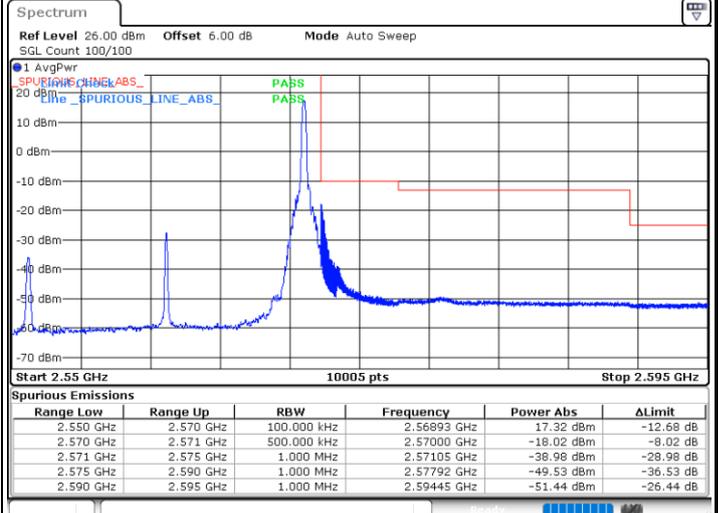
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



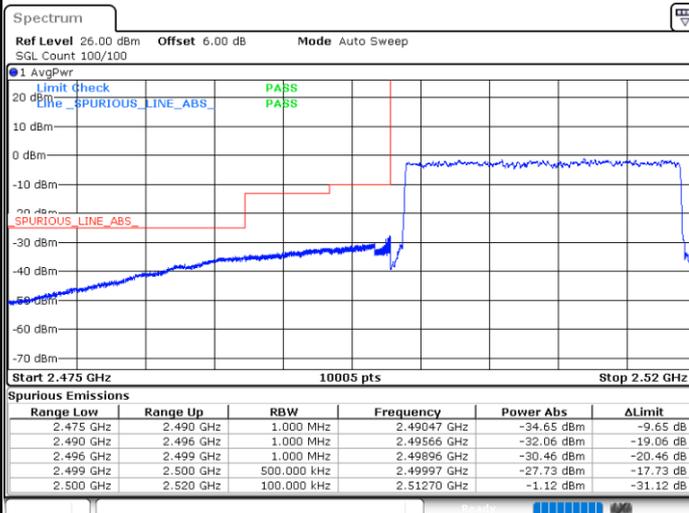
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Highest Band Edge / 1 RB



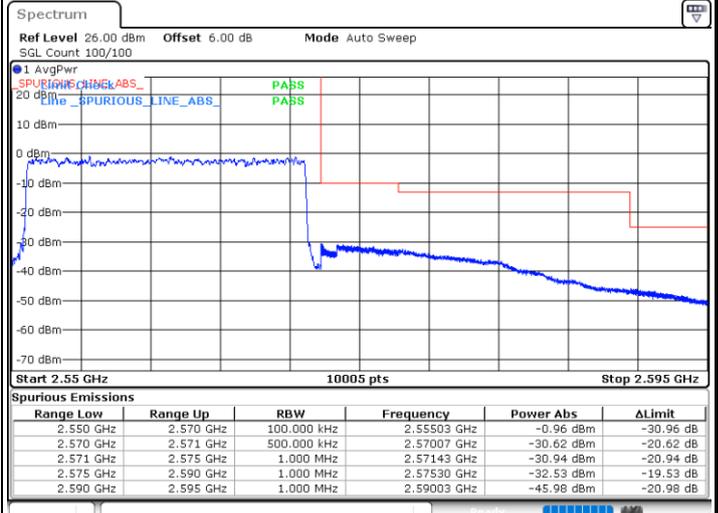
Date: 11.NOV.2022 02:48:08

Lowest Band Edge / Full RB



Date: 11.NOV.2022 02:43:44

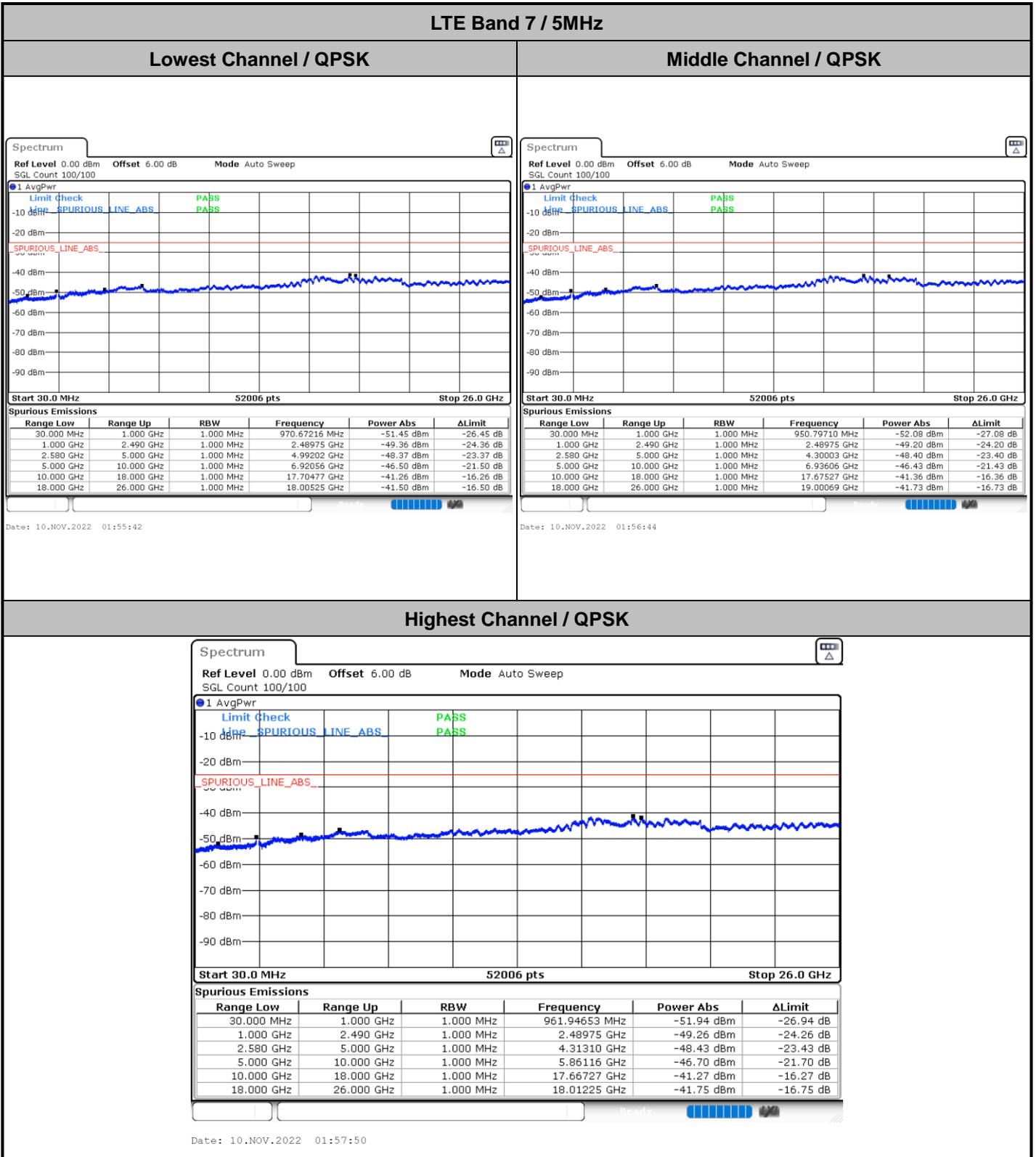
Highest Band Edge / Full RB



Date: 11.NOV.2022 02:47:13



Conducted Spurious Emission

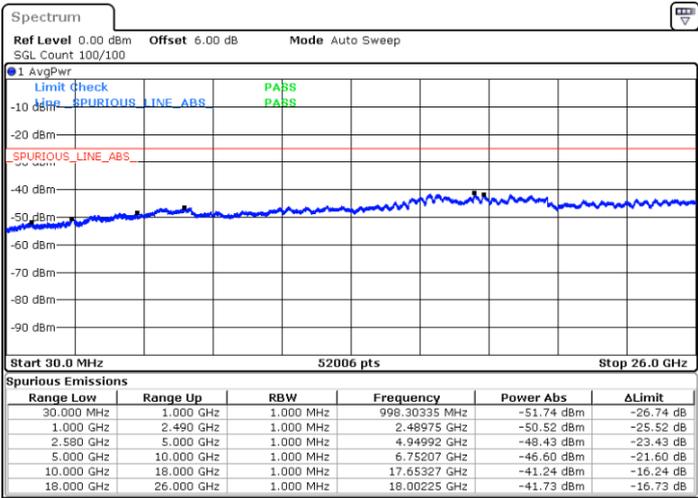




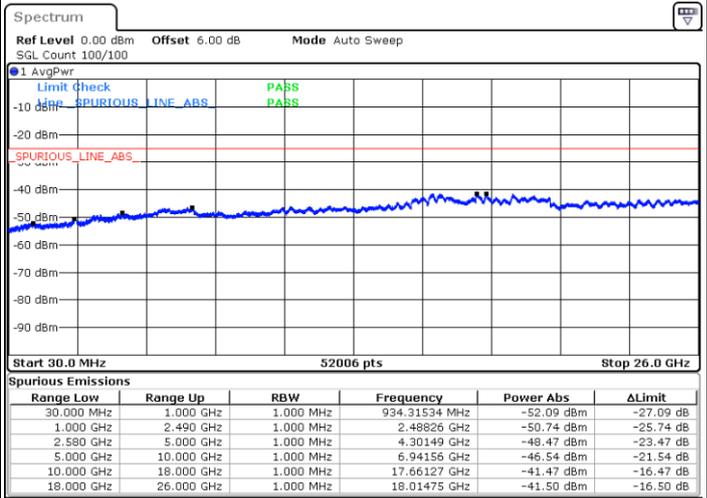
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

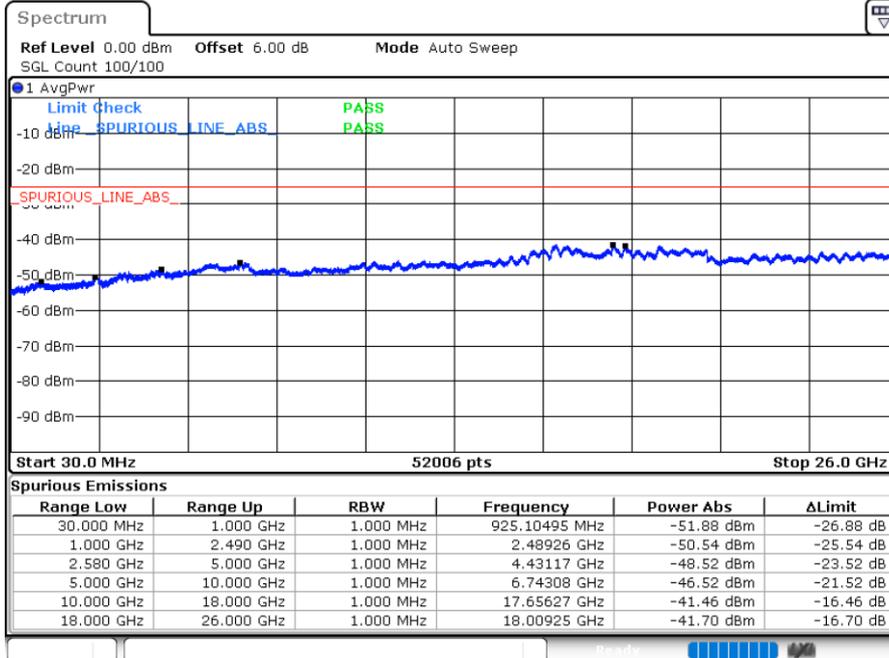


Date: 10.NOV.2022 03:01:15



Date: 10.NOV.2022 03:02:17

Highest Channel / QPSK



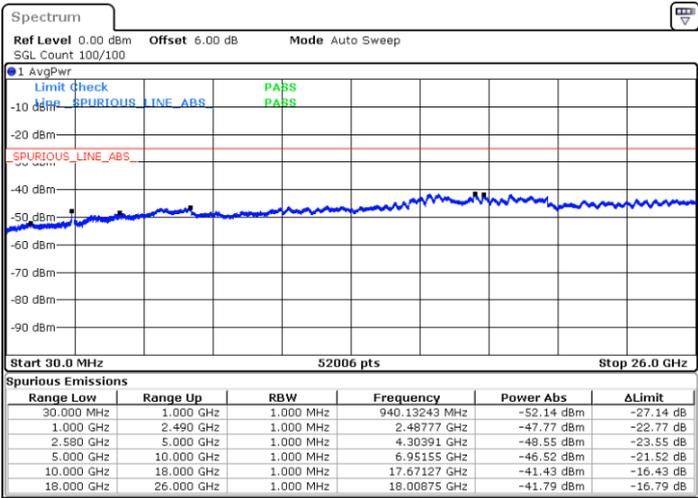
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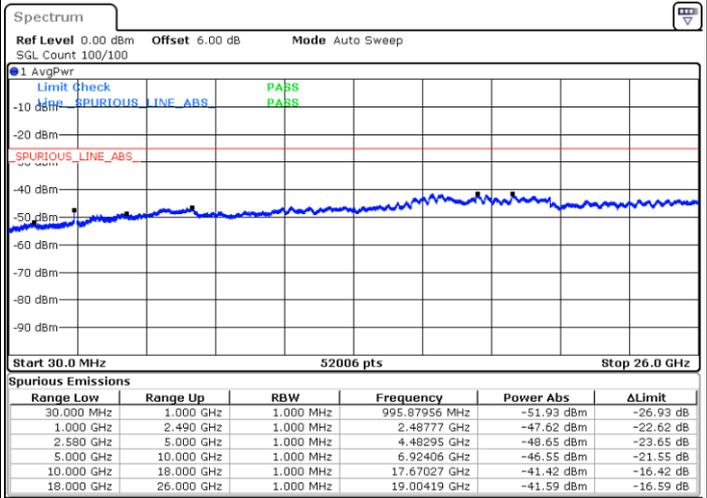
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

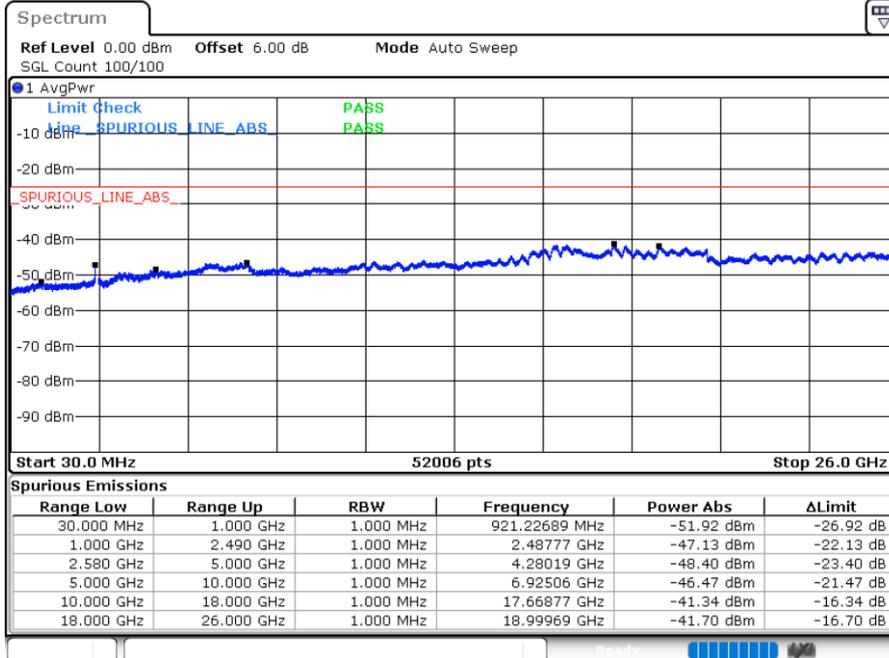


Date: 11.NOV.2022 02:33:02



Date: 11.NOV.2022 02:34:01

Highest Channel / QPSK



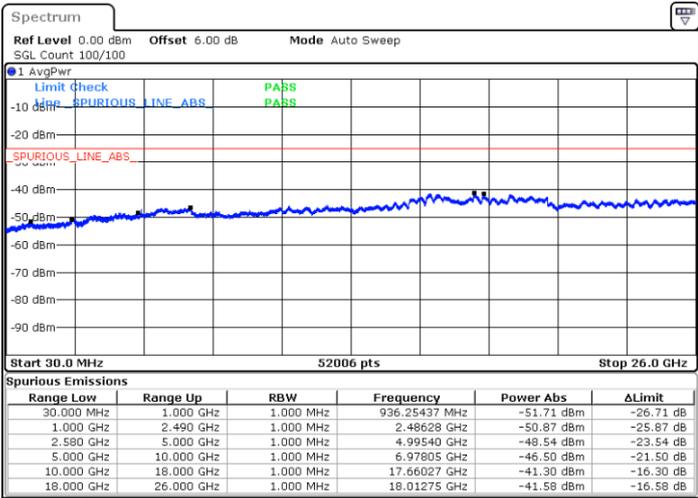
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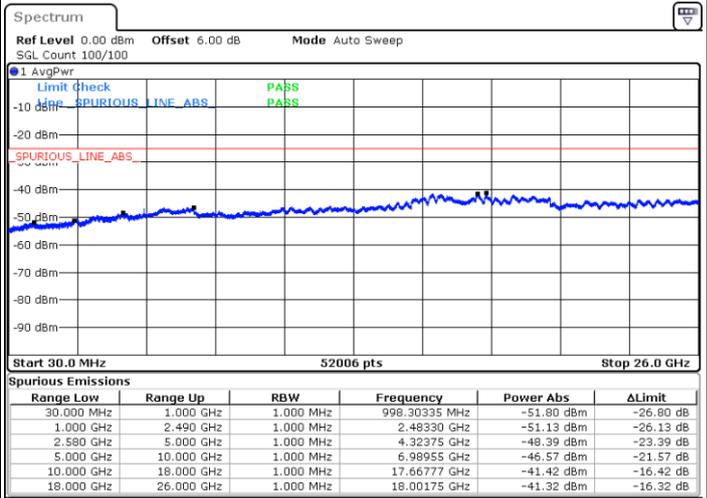
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

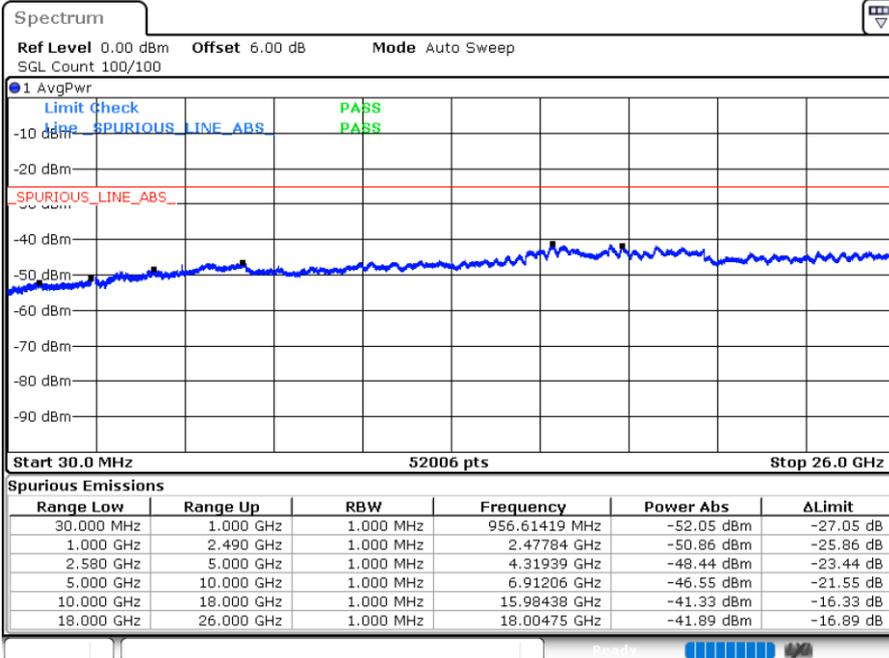


Date: 11.NOV.2022 02:52:24



Date: 11.NOV.2022 02:51:26

Highest Channel / QPSK



Date: 11.NOV.2022 02:50:19