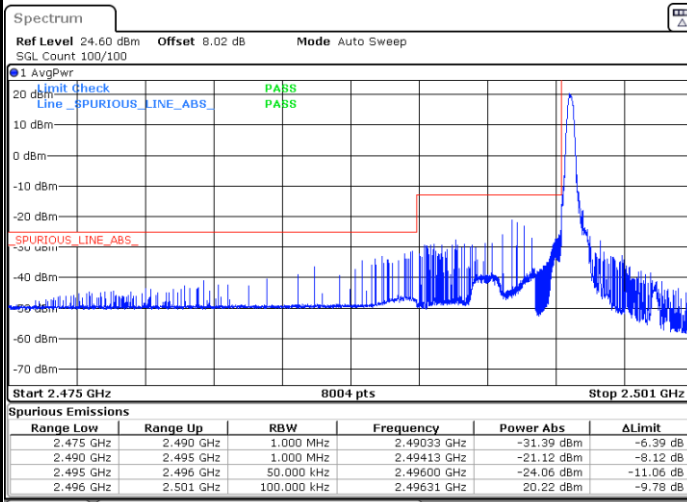




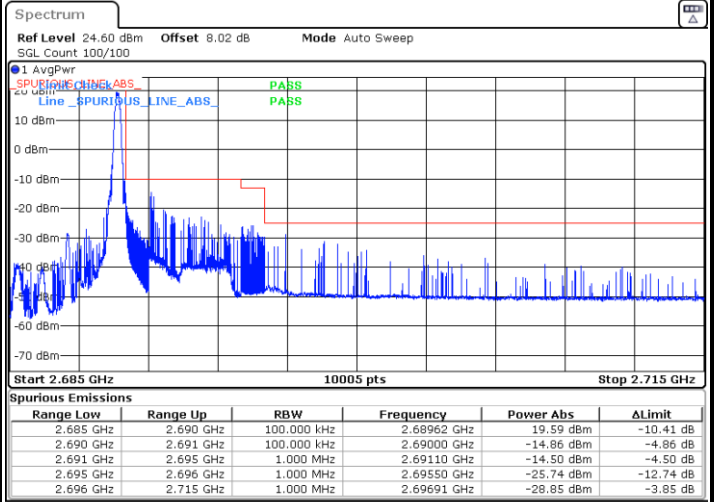
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



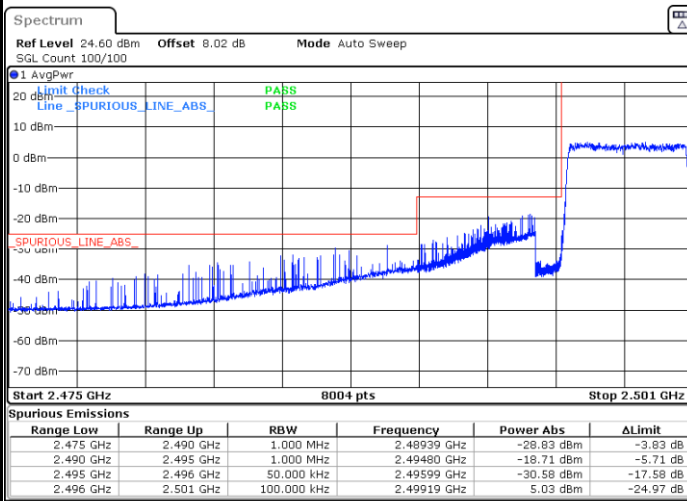
Date: 6.JAN.2022 12:54:29

Highest Band Edge / 1 RB



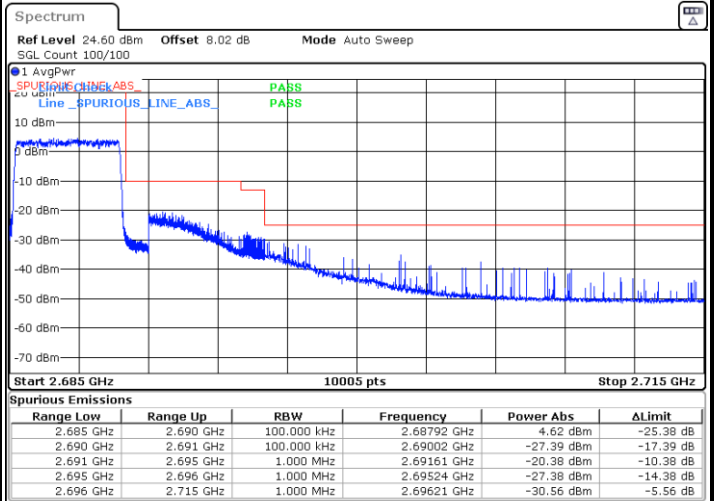
Date: 6.JAN.2022 13:06:13

Lowest Band Edge / Full RB



Date: 6.JAN.2022 12:58:39

Highest Band Edge / Full RB

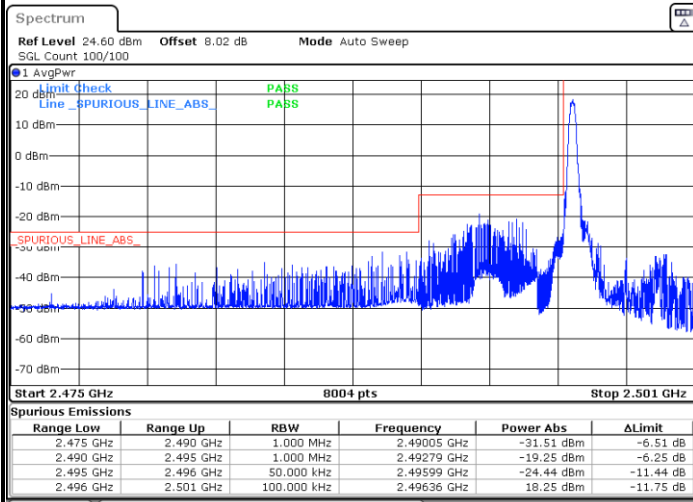


Date: 6.JAN.2022 13:10:21



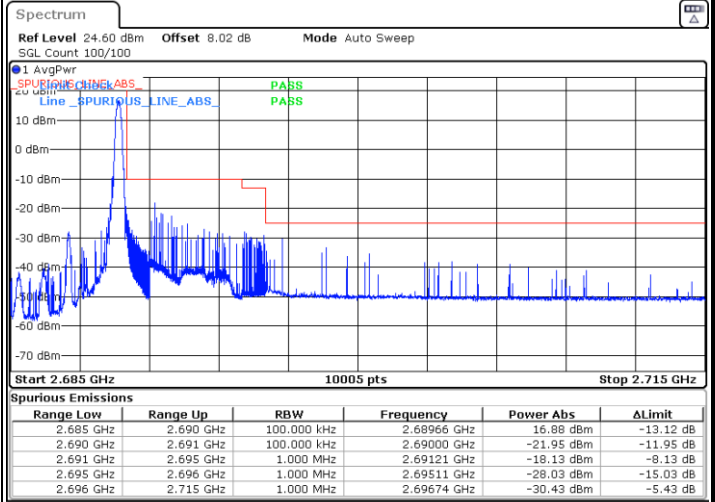
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



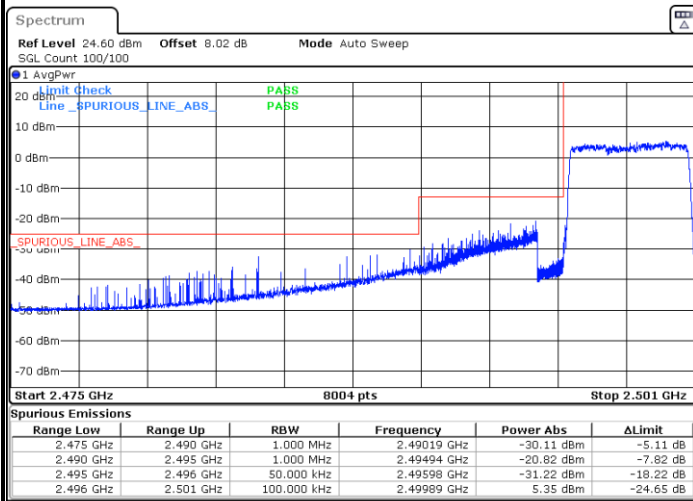
Date: 6.JAN.2022 12:55:52

Highest Band Edge / 1 RB



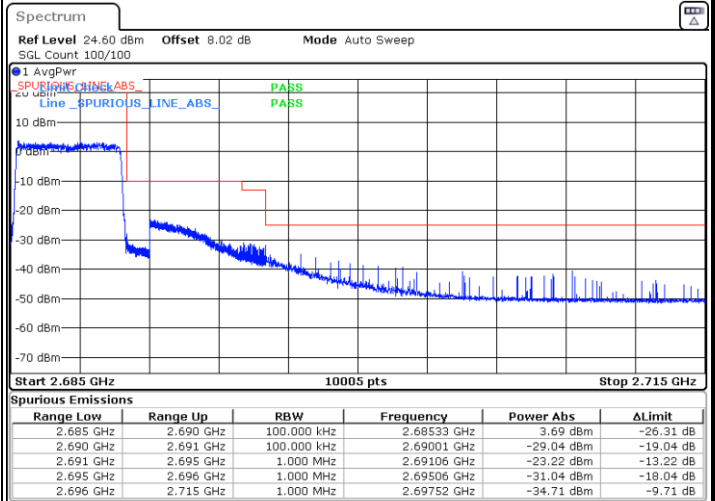
Date: 6.JAN.2022 13:07:36

Lowest Band Edge / Full RB



Date: 6.JAN.2022 12:57:16

Highest Band Edge / Full RB

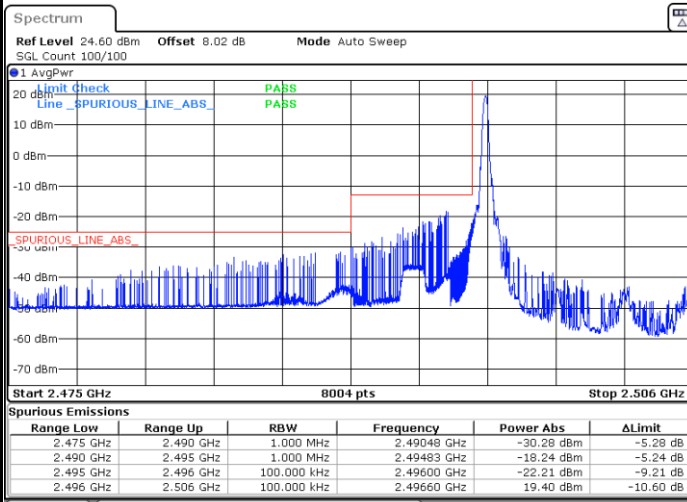


Date: 6.JAN.2022 13:08:59



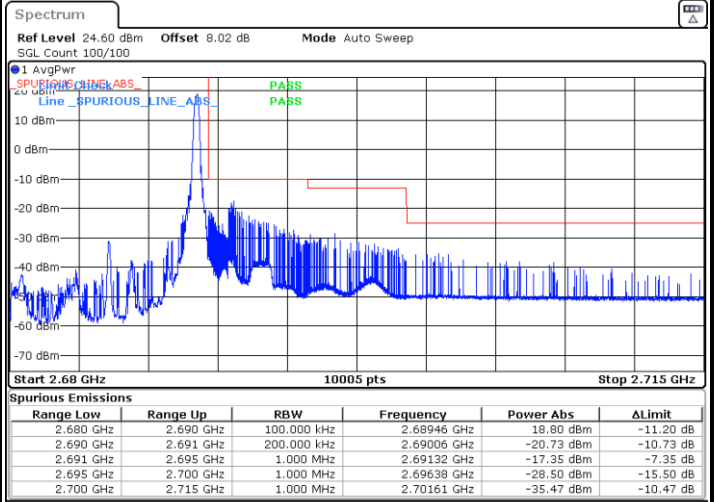
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



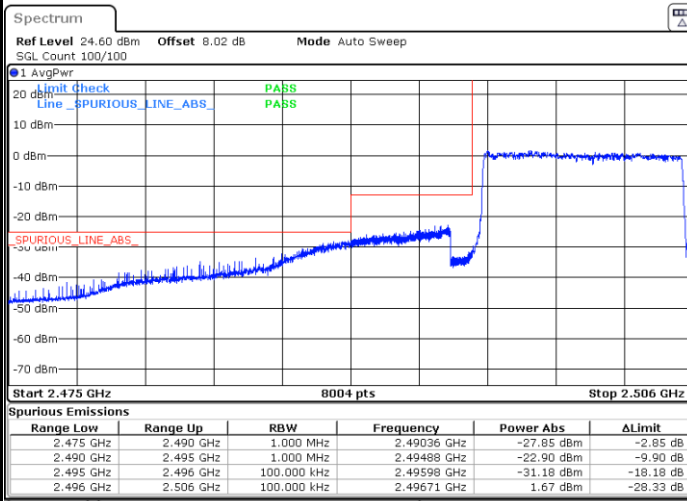
Date: 6.JAN.2022 13:14:41

Highest Band Edge / 1 RB



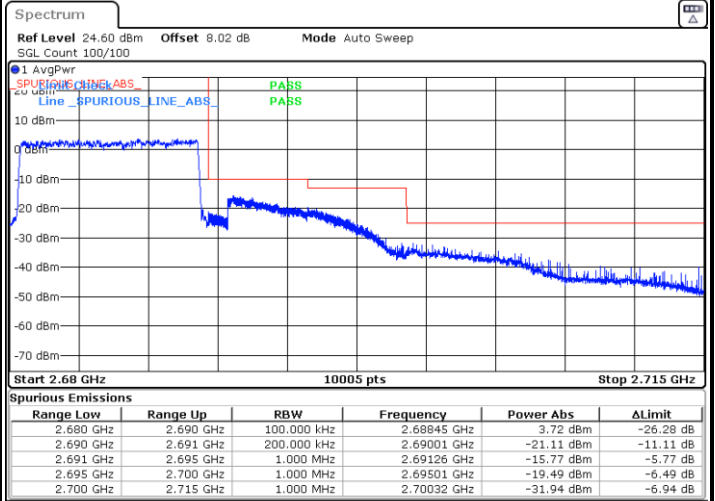
Date: 6.JAN.2022 13:26:25

Lowest Band Edge / Full RB



Date: 6.JAN.2022 14:46:34

Highest Band Edge / Full RB

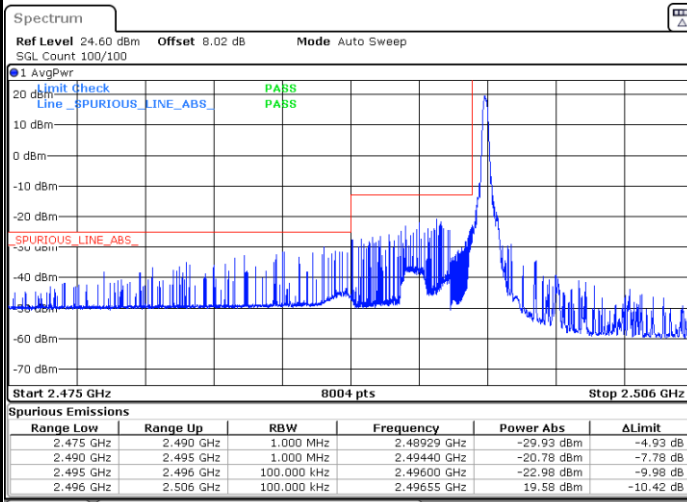


Date: 6.JAN.2022 13:33:20



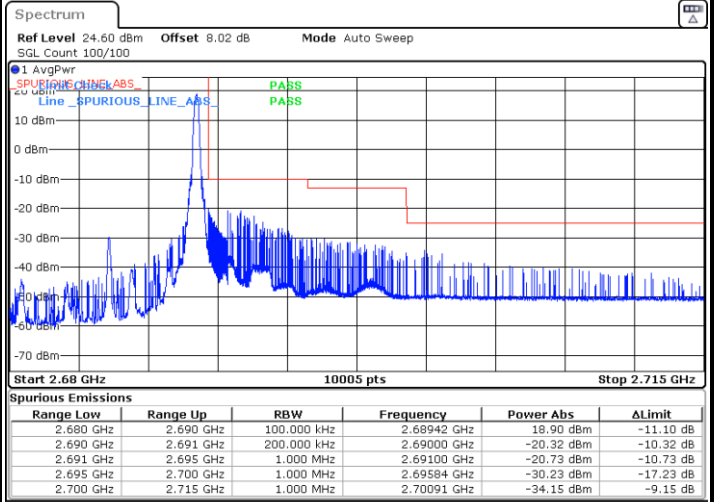
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



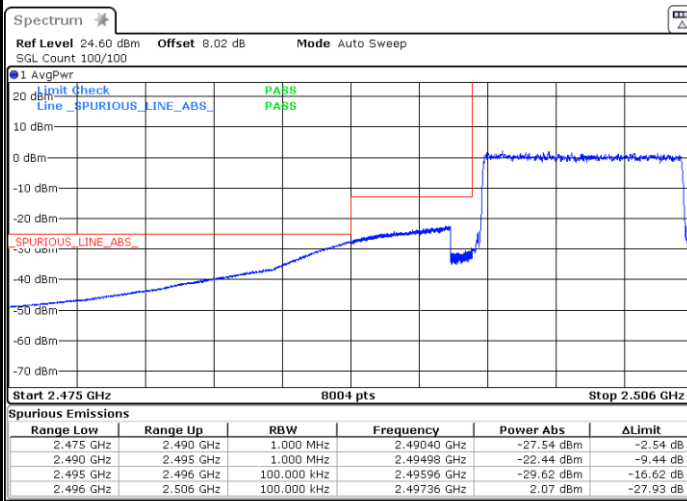
Date: 6.JAN.2022 13:16:05

Highest Band Edge / 1 RB



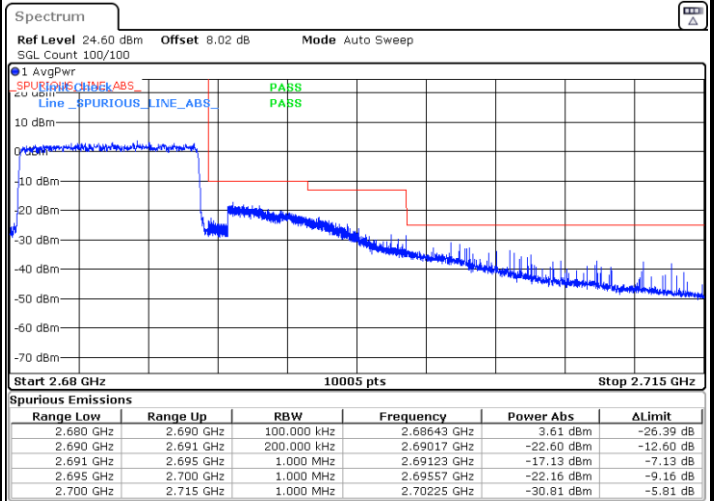
Date: 6.JAN.2022 13:27:48

Lowest Band Edge / Full RB



Date: 6.JAN.2022 14:54:11

Highest Band Edge / Full RB

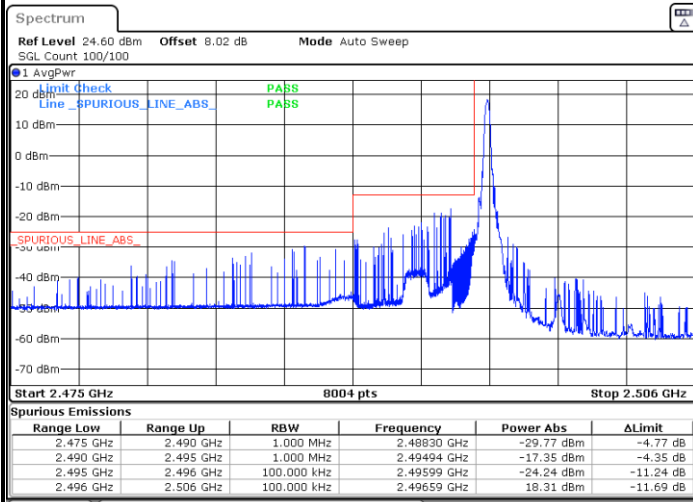


Date: 6.JAN.2022 13:31:57



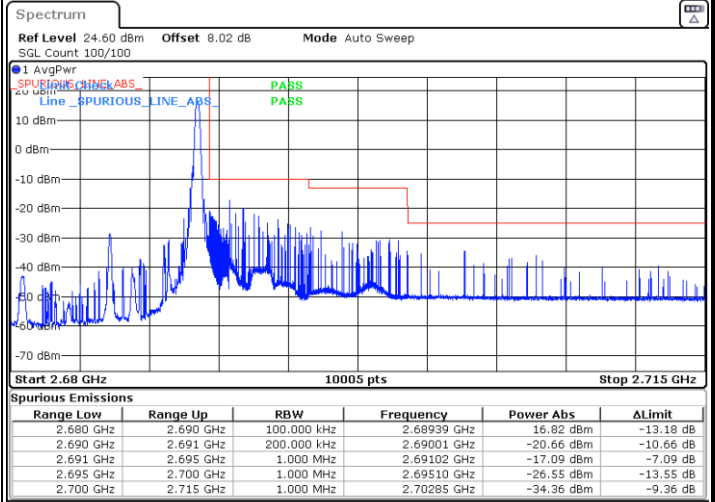
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



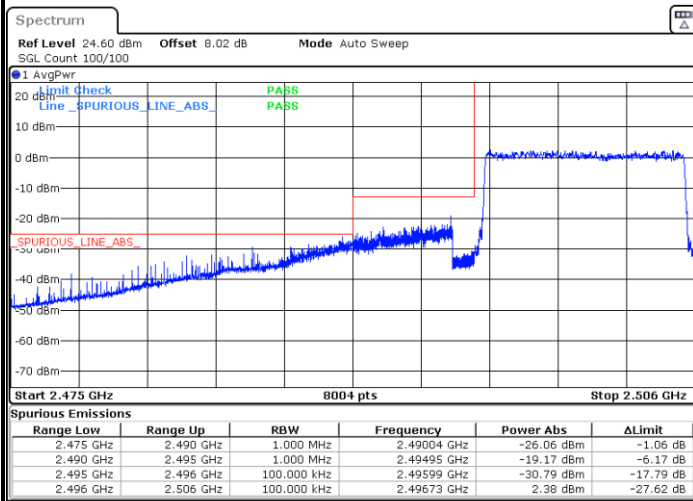
Date: 6.JAN.2022 13:17:28

Highest Band Edge / 1 RB



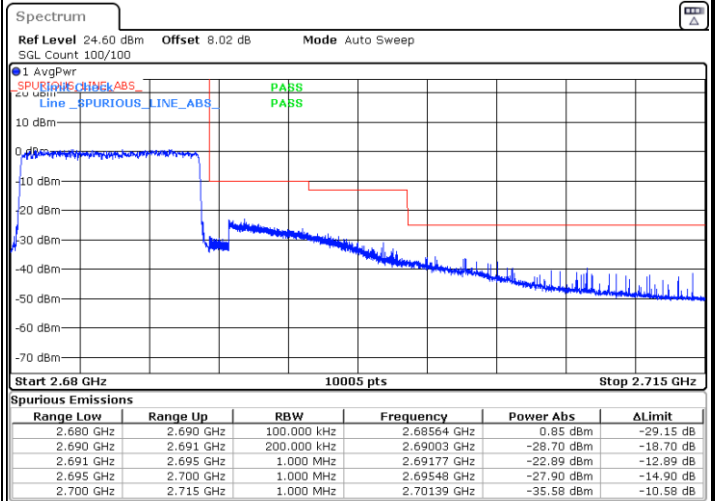
Date: 6.JAN.2022 13:29:11

Lowest Band Edge / Full RB



Date: 6.JAN.2022 13:18:51

Highest Band Edge / Full RB

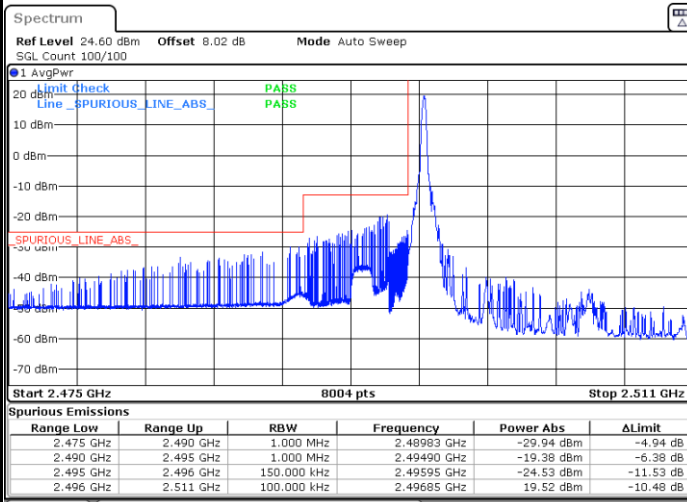


Date: 6.JAN.2022 13:30:34



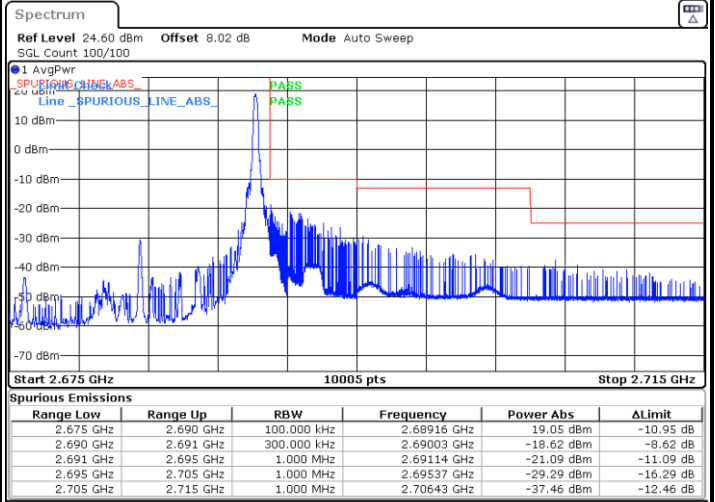
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



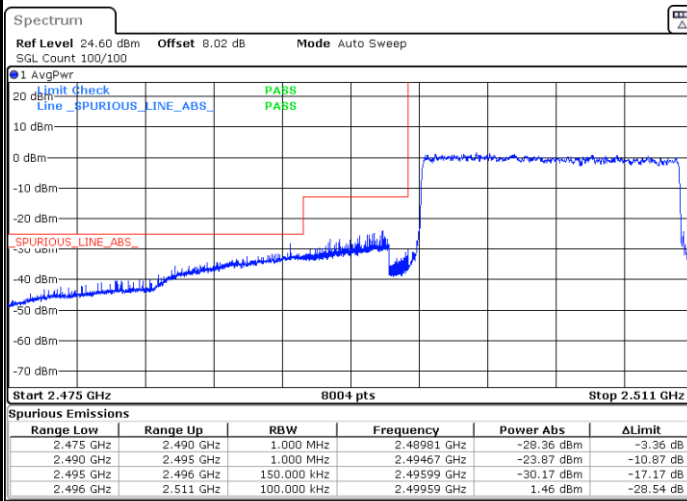
Date: 6.JAN.2022 13:36:17

Highest Band Edge / 1 RB



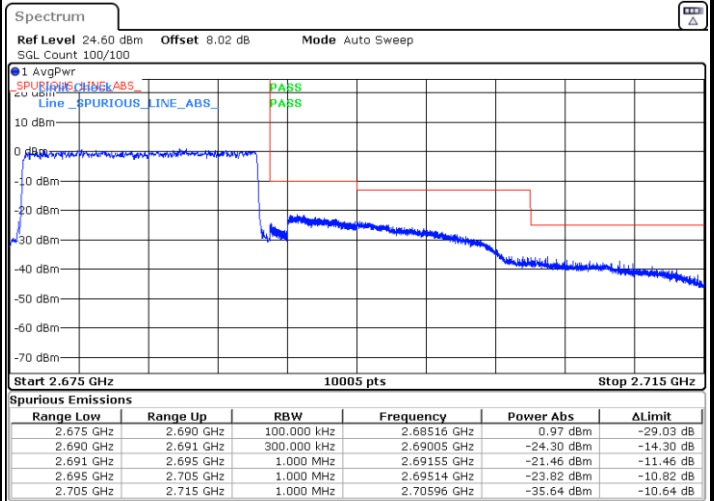
Date: 6.JAN.2022 13:48:01

Lowest Band Edge / Full RB



Date: 6.JAN.2022 13:43:13

Highest Band Edge / Full RB

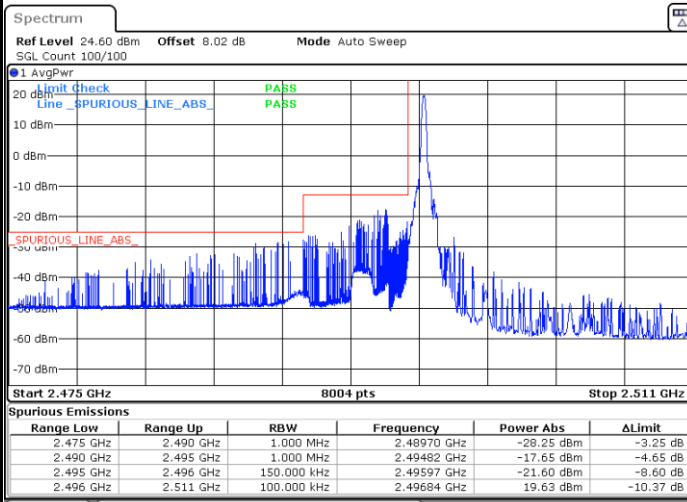


Date: 6.JAN.2022 13:54:56



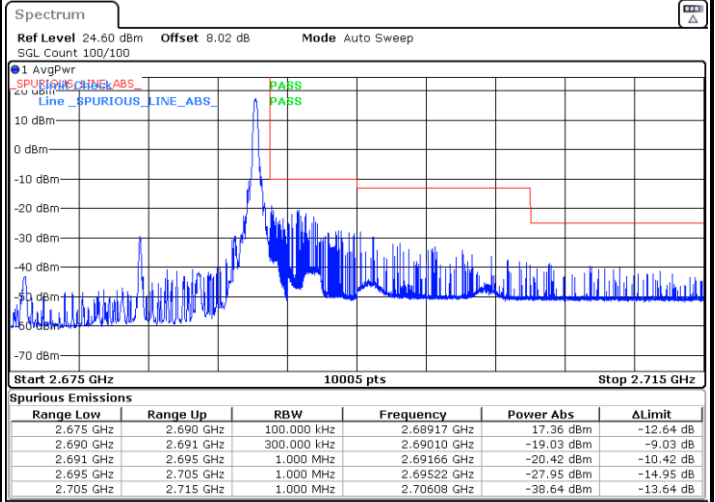
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



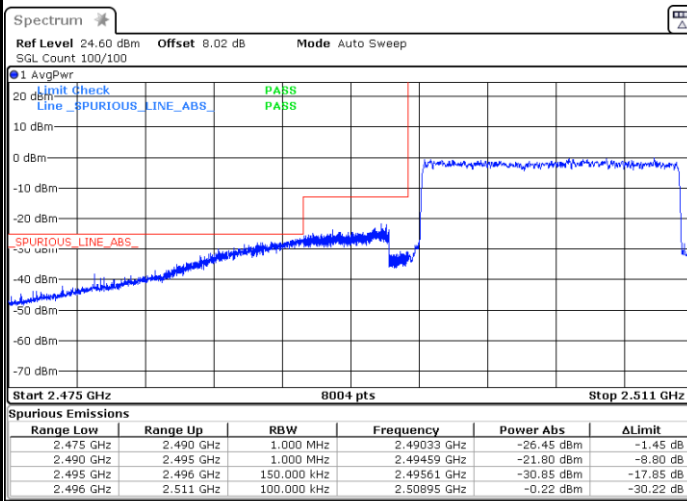
Date: 6.JAN.2022 13:37:41

Highest Band Edge / 1 RB



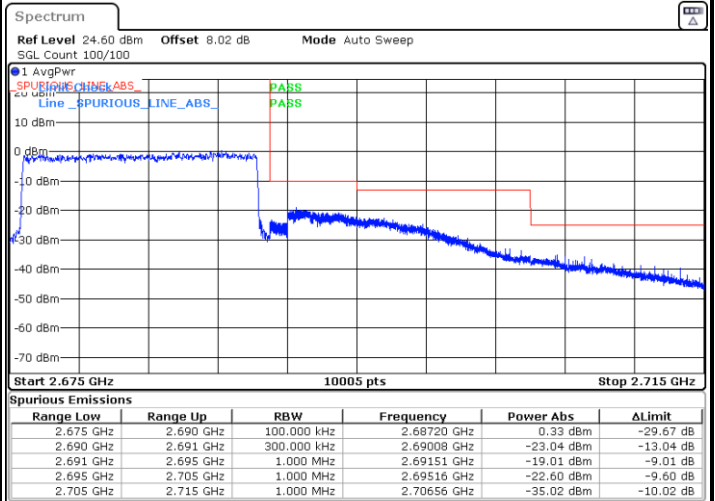
Date: 6.JAN.2022 13:49:24

Lowest Band Edge / Full RB



Date: 6.JAN.2022 18:20:34

Highest Band Edge / Full RB

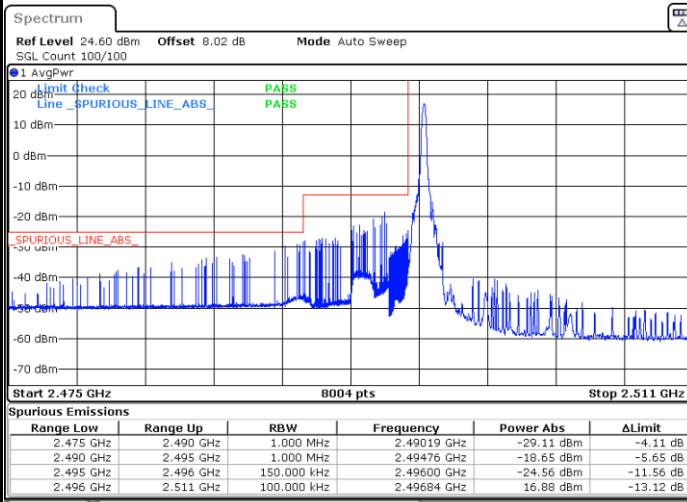


Date: 6.JAN.2022 13:53:33



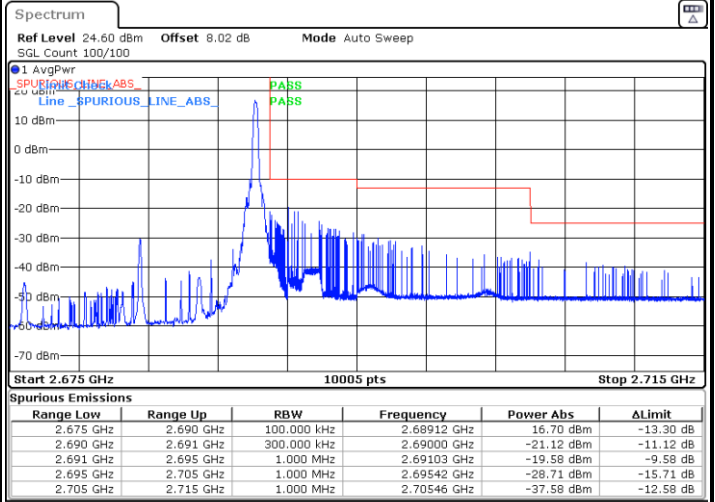
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



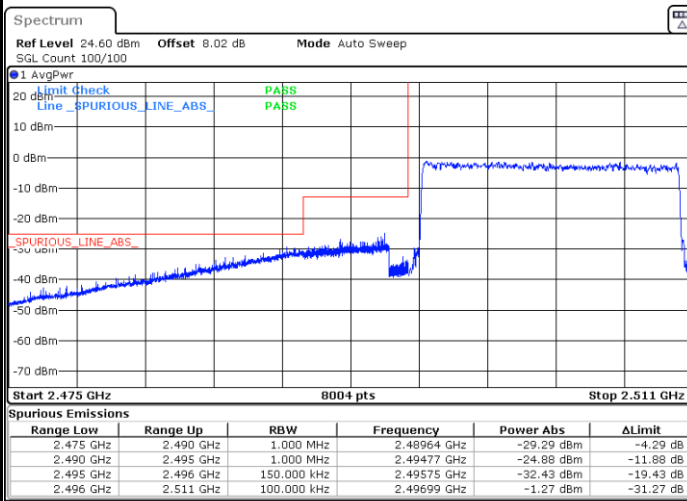
Date: 6.JAN.2022 13:39:04

Highest Band Edge / 1 RB



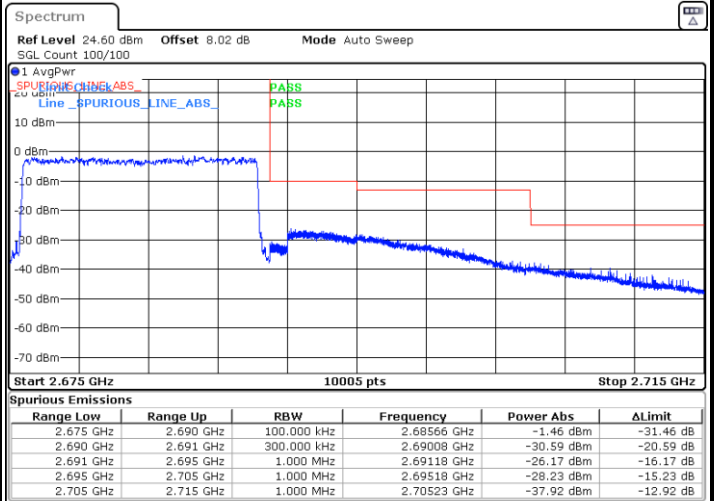
Date: 6.JAN.2022 13:50:47

Lowest Band Edge / Full RB



Date: 6.JAN.2022 13:40:27

Highest Band Edge / Full RB

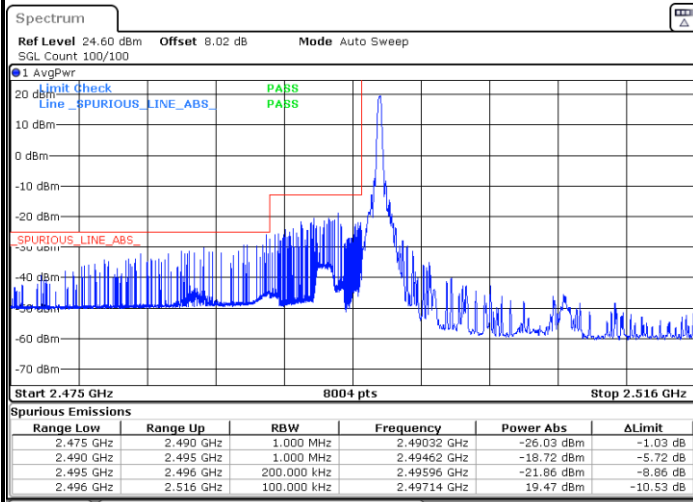


Date: 6.JAN.2022 13:52:10



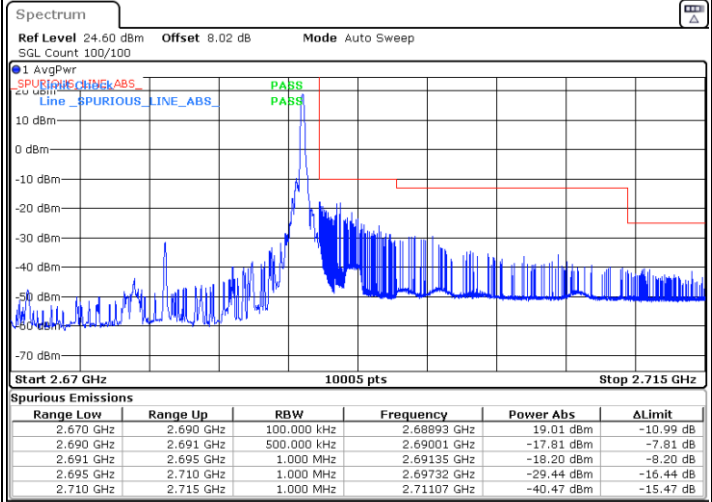
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



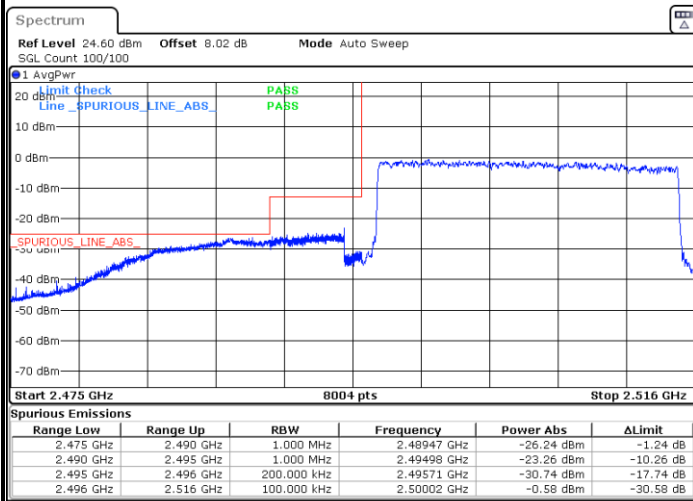
Date: 6.JAN.2022 13:57:53

Highest Band Edge / 1 RB



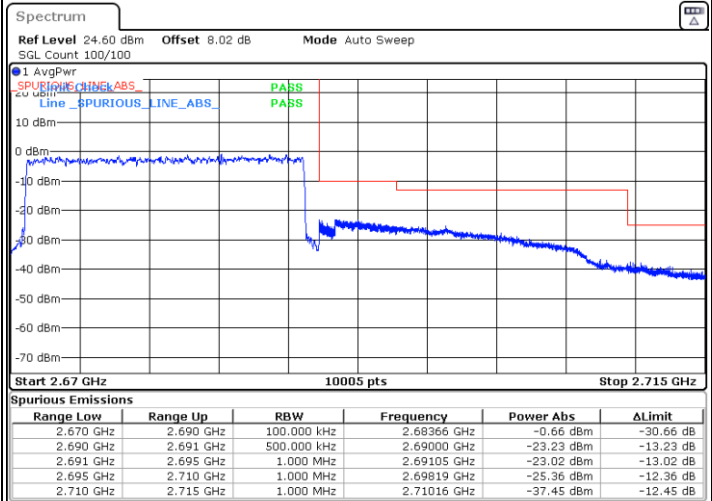
Date: 6.JAN.2022 14:09:37

Lowest Band Edge / Full RB



Date: 6.JAN.2022 14:04:49

Highest Band Edge / Full RB

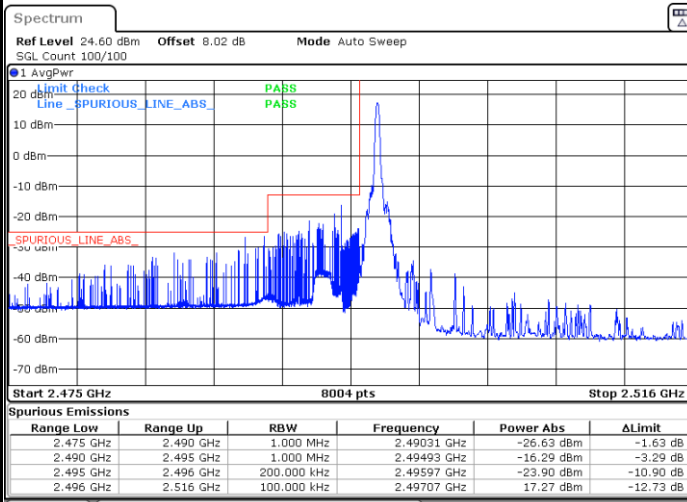


Date: 6.JAN.2022 14:16:32



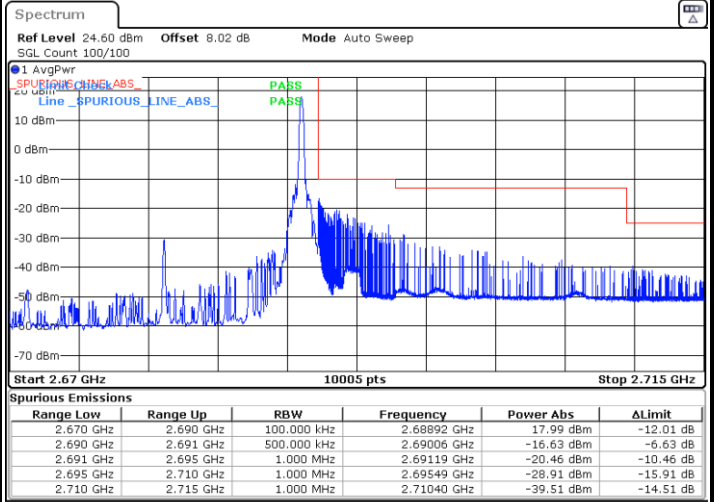
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



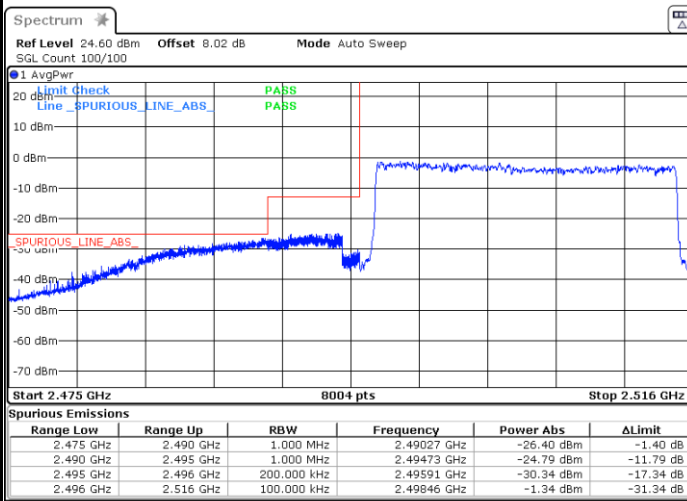
Date: 6.JAN.2022 13:59:16

Highest Band Edge / 1 RB



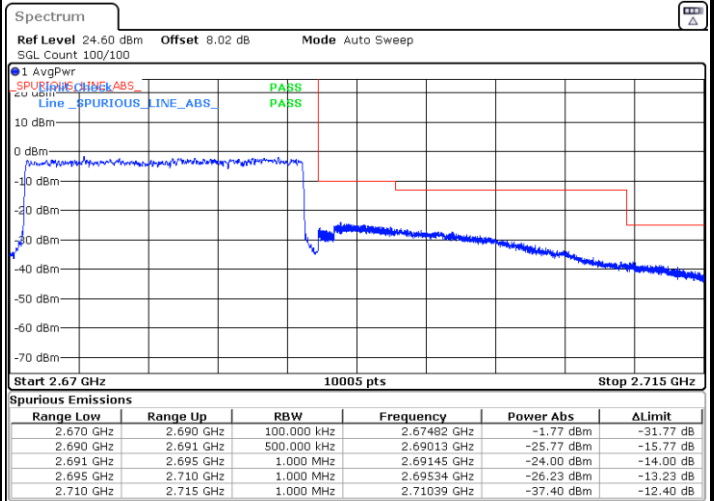
Date: 6.JAN.2022 14:11:00

Lowest Band Edge / Full RB



Date: 6.JAN.2022 18:22:57

Highest Band Edge / Full RB

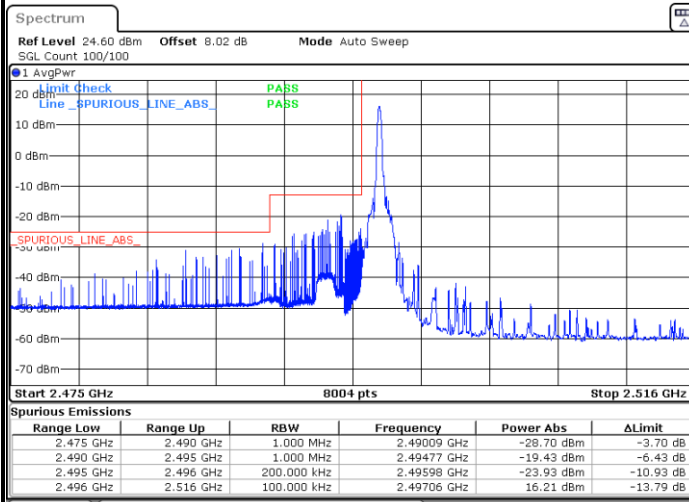


Date: 6.JAN.2022 14:15:09



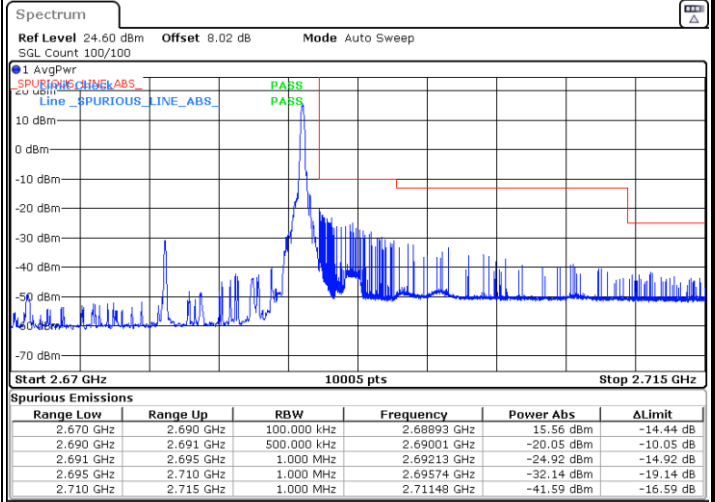
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



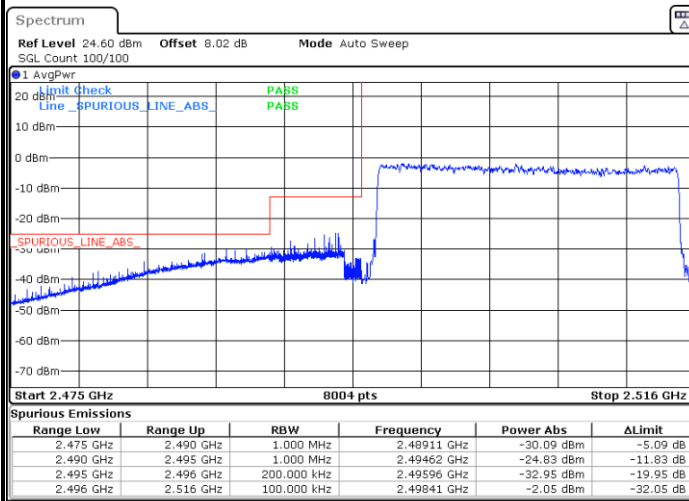
Date: 6.JAN.2022 14:00:39

Highest Band Edge / 1 RB



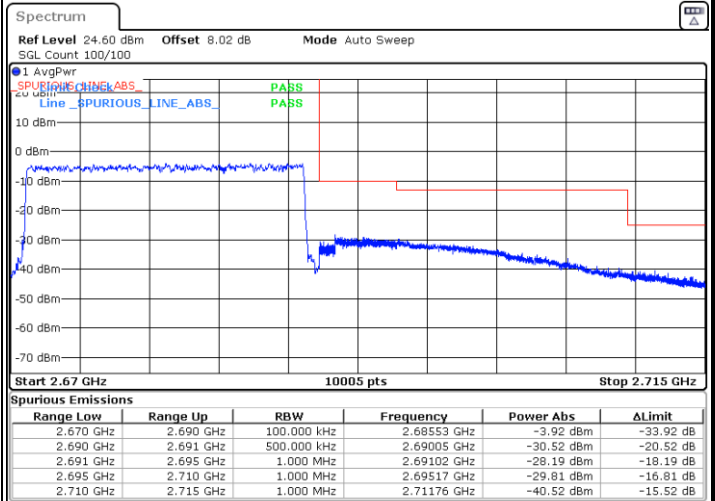
Date: 6.JAN.2022 14:12:23

Lowest Band Edge / Full RB



Date: 6.JAN.2022 14:02:03

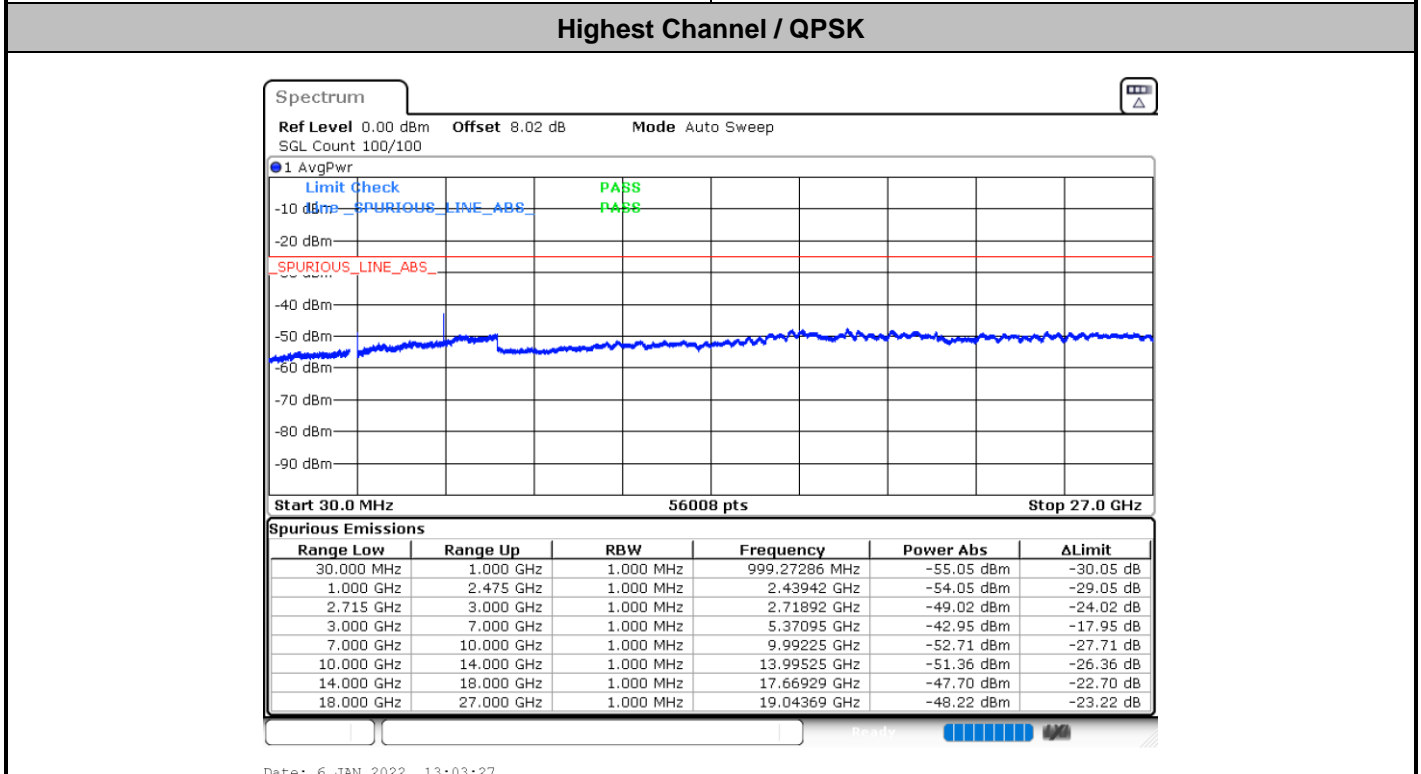
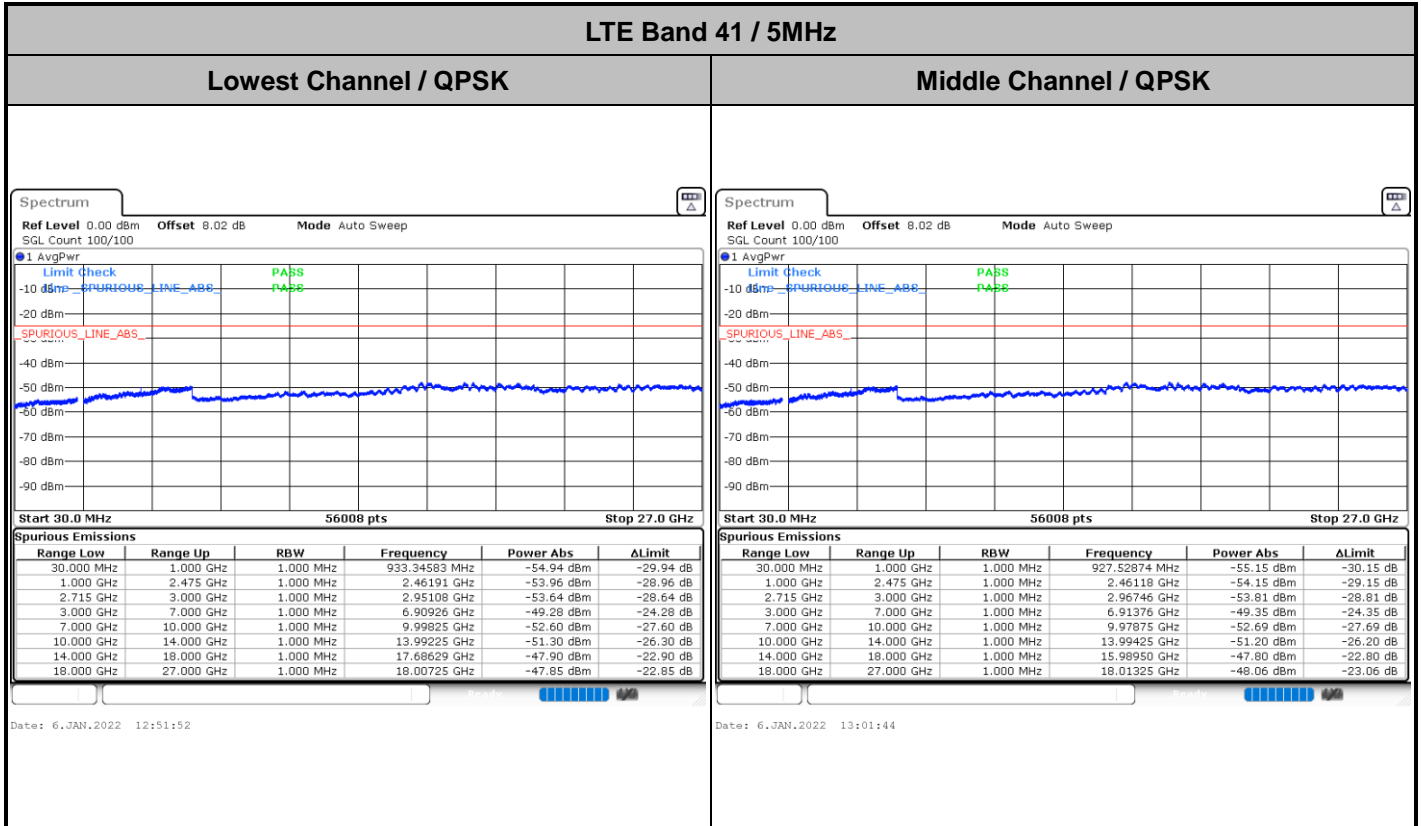
Highest Band Edge / Full RB



Date: 6.JAN.2022 14:13:46



Conducted Spurious Emission

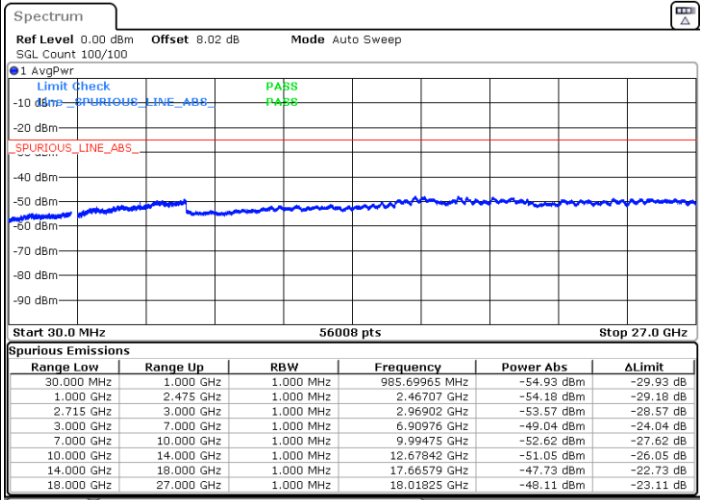
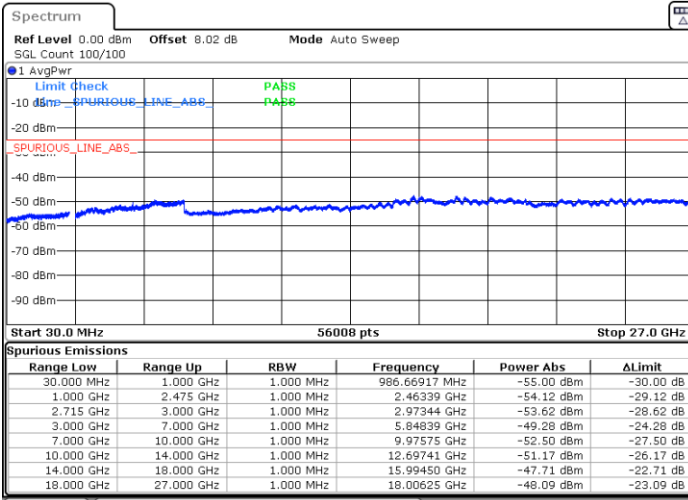




LTE Band 41 / 10MHz

Lowest Channel / QPSK

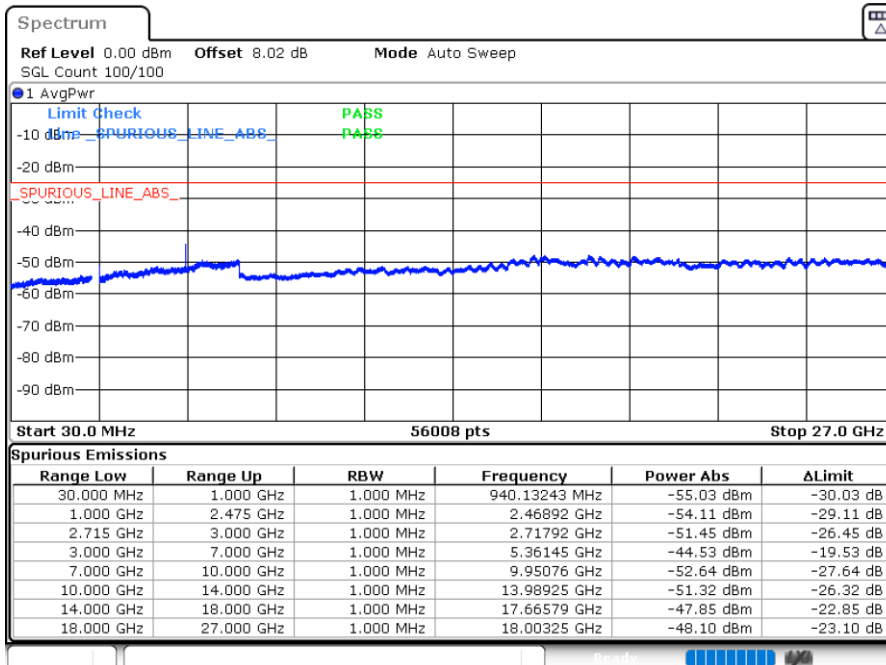
Middle Channel / QPSK



Date: 6.JAN.2022 13:13:27

Date: 6.JAN.2022 13:23:20

Highest Channel / QPSK



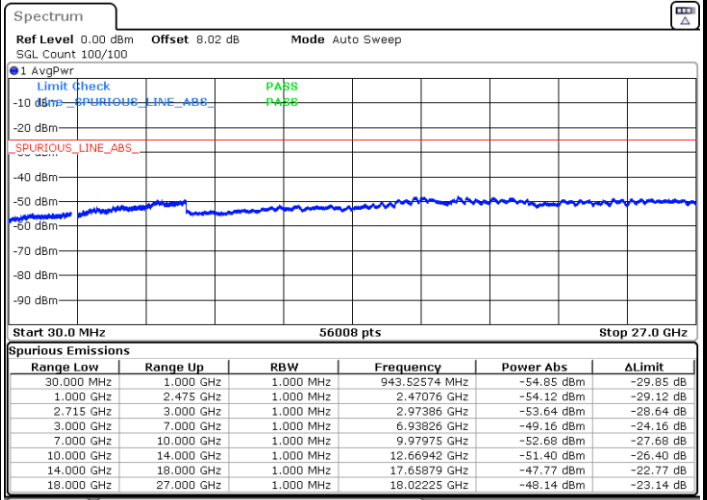
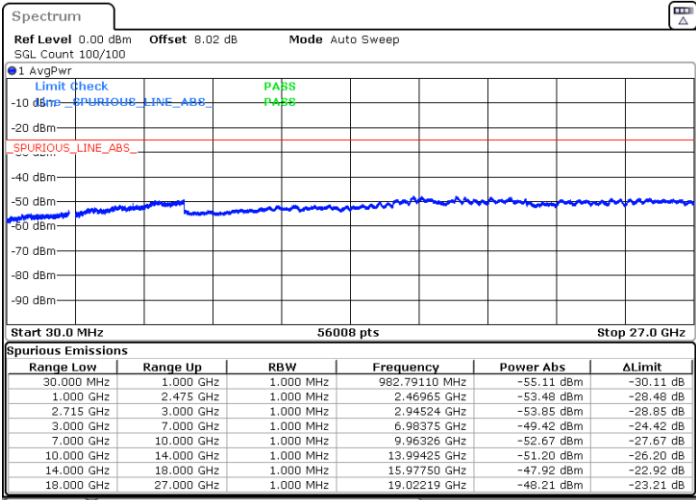
Date: 6.JAN.2022 13:25:02



LTE Band 41 / 15MHz

Lowest Channel / QPSK

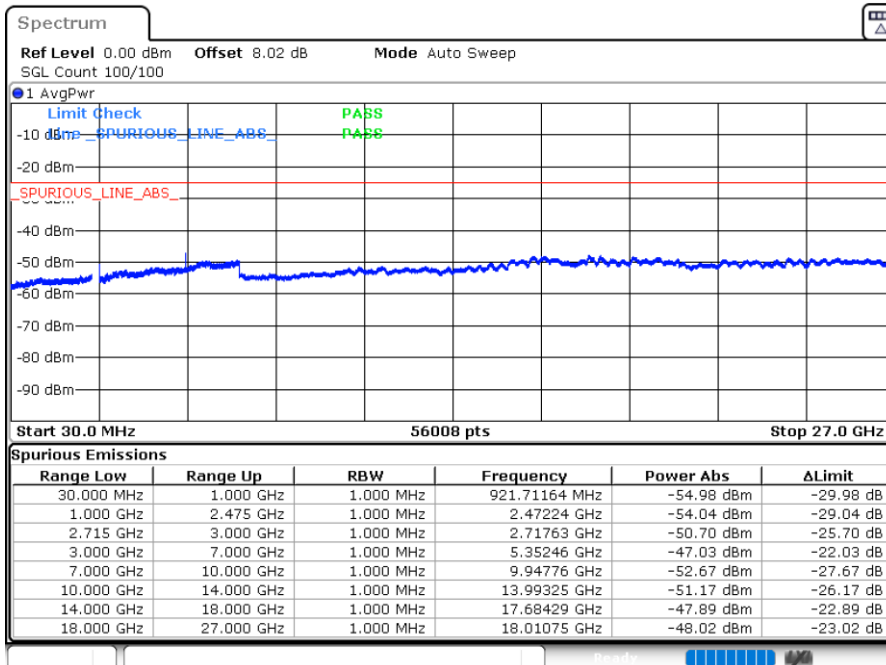
Middle Channel / QPSK



Date: 6.JAN.2022 13:35:03

Date: 6.JAN.2022 13:44:56

Highest Channel / QPSK



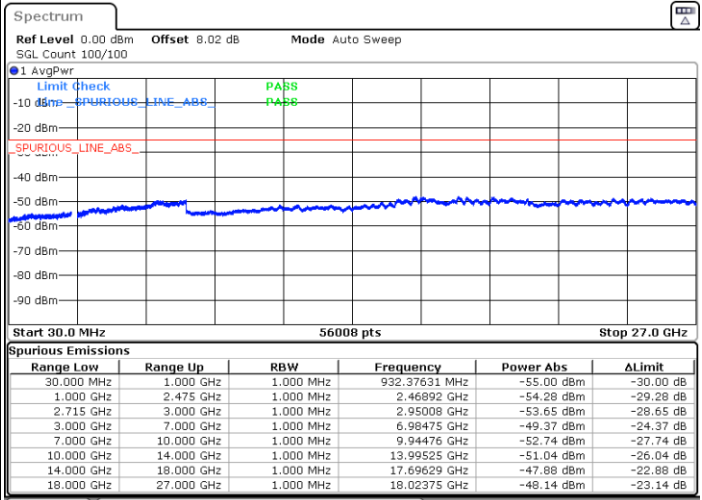
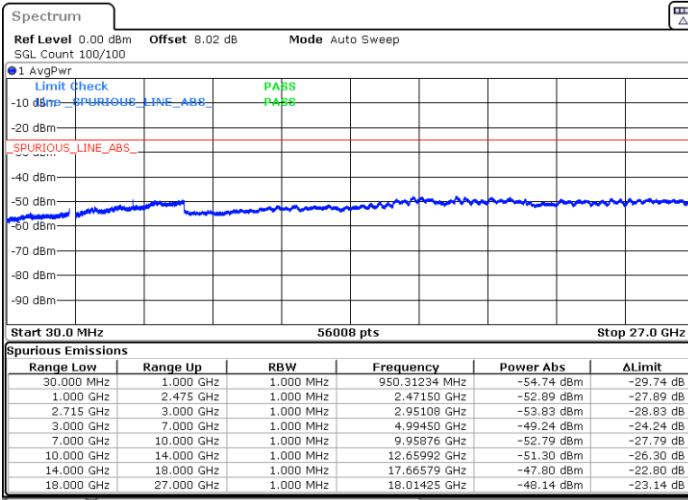
Date: 6.JAN.2022 13:46:38



LTE Band 41 / 20MHz

Lowest Channel / QPSK

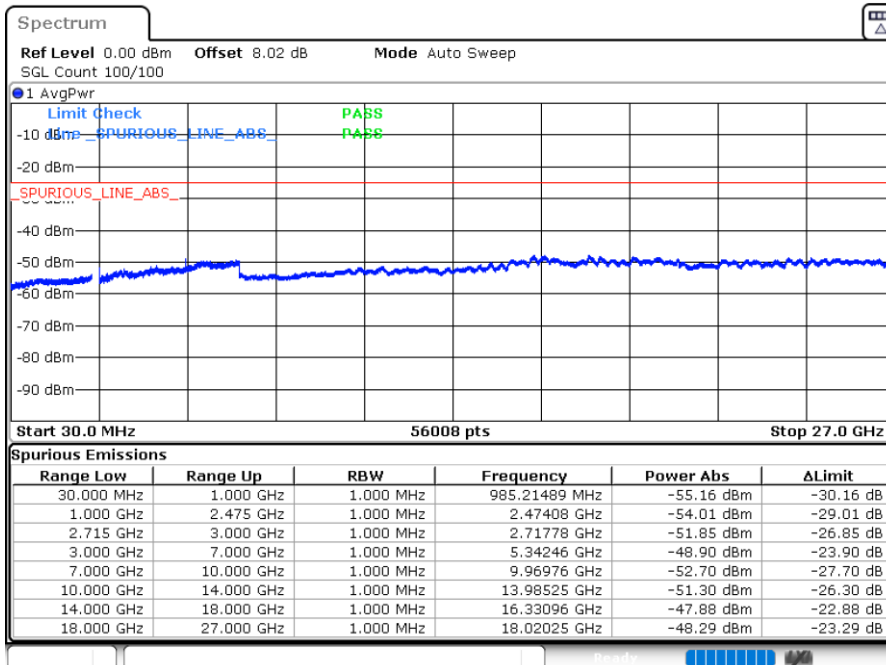
Middle Channel / QPSK



Date: 6.JAN.2022 13:56:39

Date: 6.JAN.2022 14:06:32

Highest Channel / QPSK



Date: 6.JAN.2022 14:08:14



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	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 4

LTE Band 4 / 20MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-56.25	-13	-43.25	-66.99	2.604	13.34	H
	5130	-54.03	-13	-41.03	-64.54	3.011	13.52	H
	6840	-53.48	-13	-40.48	-63.68	3.271	13.47	H
	3420	-57.46	-13	-44.46	-68.20	2.604	13.34	V
	5130	-53.78	-13	-40.78	-64.29	3.011	13.52	V
	6840	-53.71	-13	-40.71	-63.91	3.271	13.47	V
Middle	3444	-56.73	-13	-43.73	-67.47	2.604	13.34	H
	5169	-53.40	-13	-40.40	-63.91	3.011	13.52	H
	6894	-53.25	-13	-40.25	-63.45	3.271	13.47	H
	3444	-56.88	-13	-43.88	-67.62	2.604	13.34	V
	5169	-53.34	-13	-40.34	-63.85	3.011	13.52	V
	6894	-53.38	-13	-40.38	-63.58	3.271	13.47	V
Highest	3465	-57.24	-13	-44.24	-67.98	2.604	13.34	H
	5205	-53.56	-13	-40.56	-64.07	3.011	13.52	H
	6945	-53.94	-13	-40.94	-64.14	3.271	13.47	H
	3465	-57.54	-13	-44.54	-68.28	2.604	13.34	V
	5205	-53.91	-13	-40.91	-64.42	3.011	13.52	V
	6945	-53.65	-13	-40.65	-63.85	3.271	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 41

Table with 9 columns: Channel, Frequency (MHz), EIRP (dBm), Limit (dBm), Over Limit (dB), S.G. Power (dBm), TX Cable loss (dB), TX Antenna Gain (dBi), Polarization (H/V). Rows are grouped into Lowest, Middle, and Highest frequency bands.

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

————THE END————