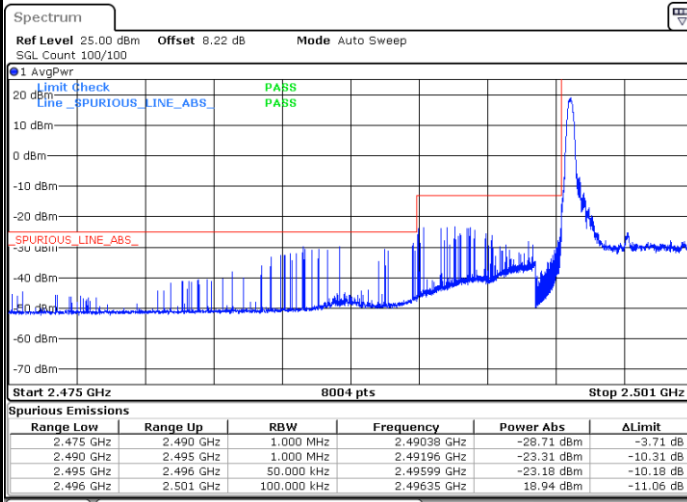




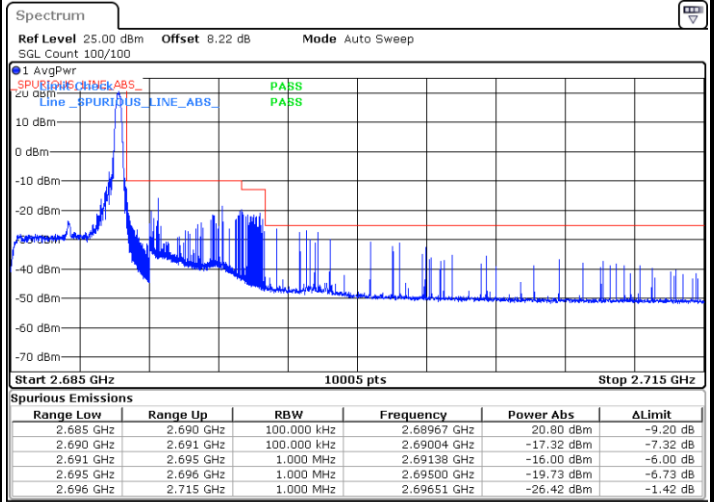
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



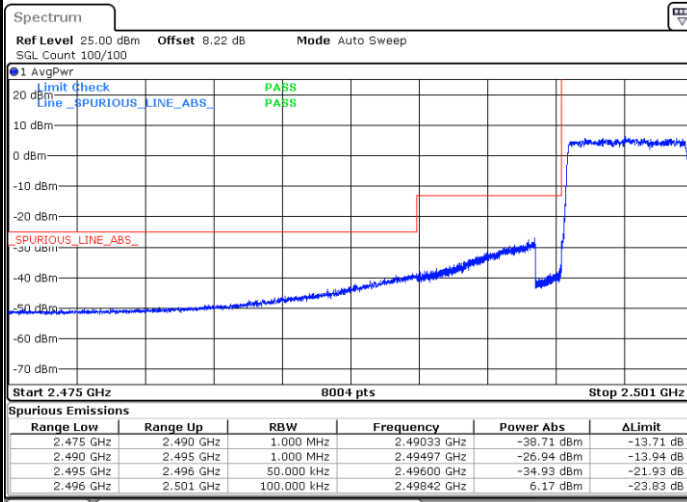
Date: 6 JUL 2022 02:47:09

Highest Band Edge / 1 RB



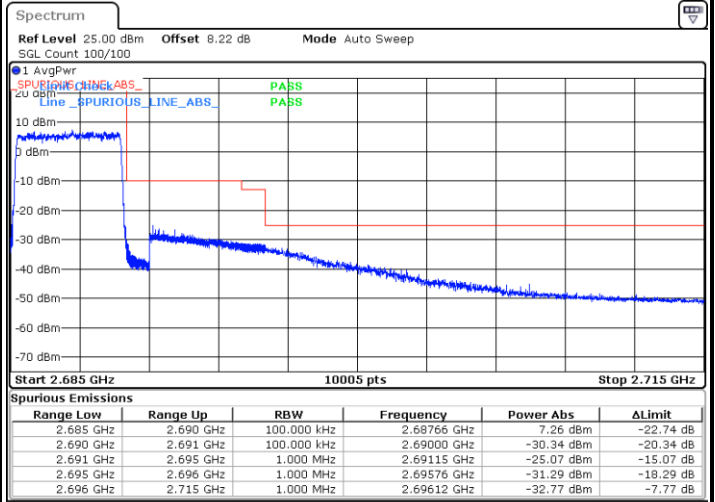
Date: 6 JUL 2022 02:59:53

Lowest Band Edge / Full RB



Date: 6 JUL 2022 02:52:11

Highest Band Edge / Full RB

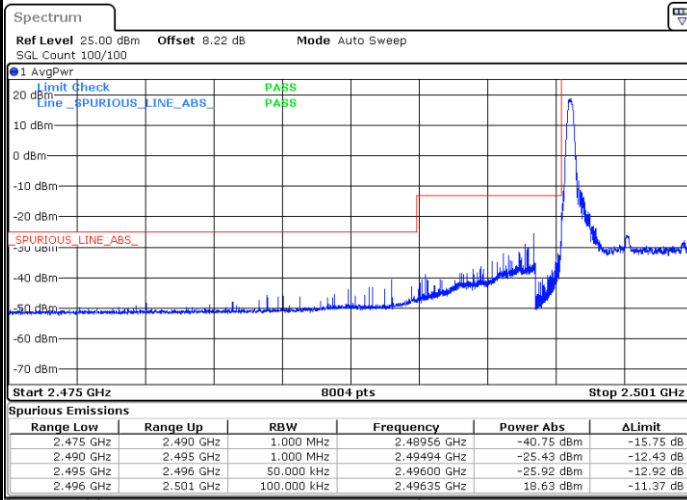


Date: 6 JUL 2022 03:04:54



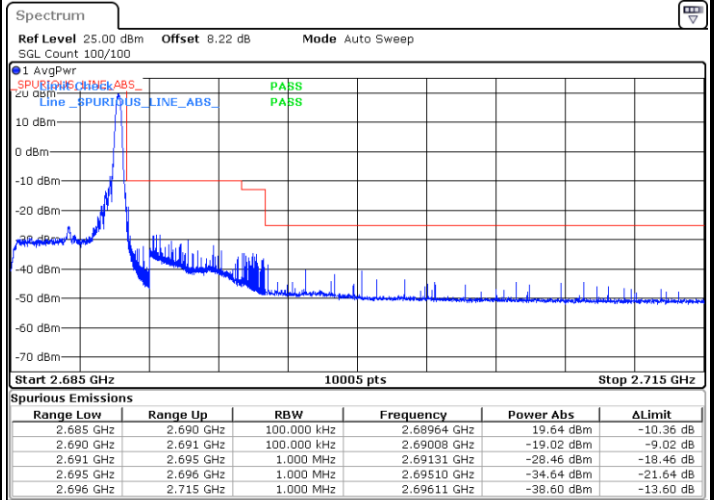
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



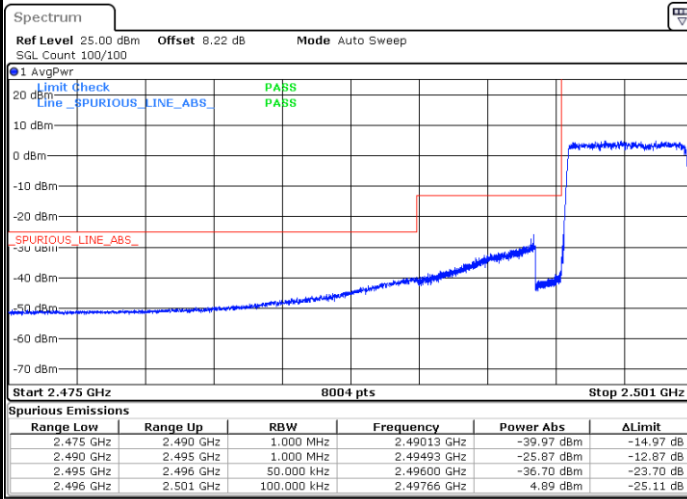
Date: 6 JUL 2022 02:48:50

Highest Band Edge / 1 RB



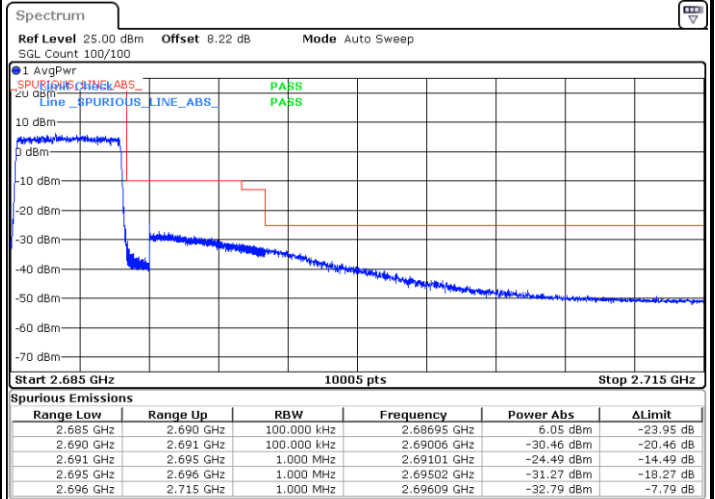
Date: 6 JUL 2022 03:01:33

Lowest Band Edge / Full RB



Date: 6 JUL 2022 02:50:31

Highest Band Edge / Full RB

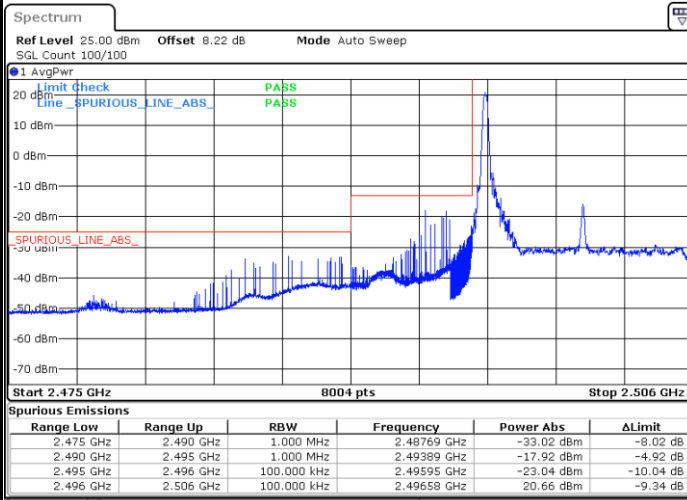


Date: 6 JUL 2022 03:03:14



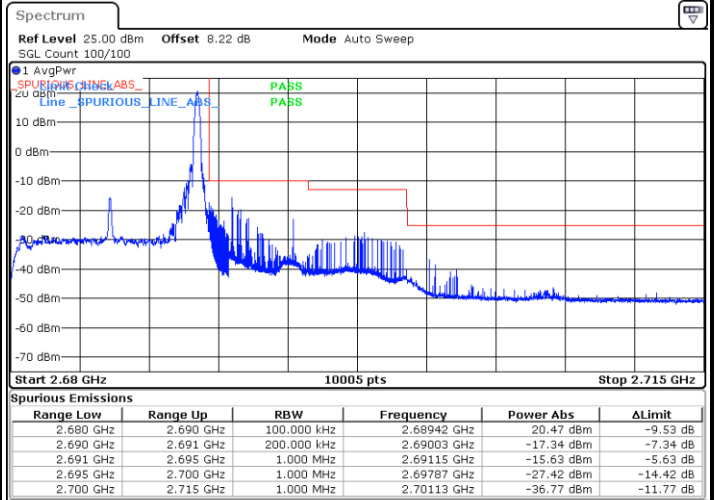
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



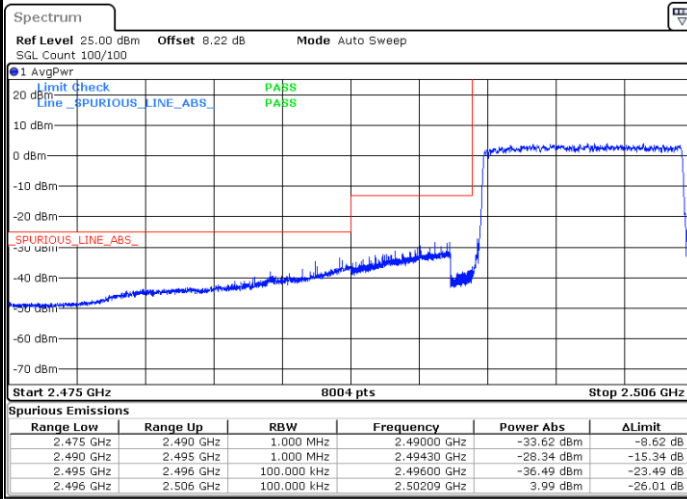
Date: 6 JUL 2022 03:09:36

Highest Band Edge / 1 RB



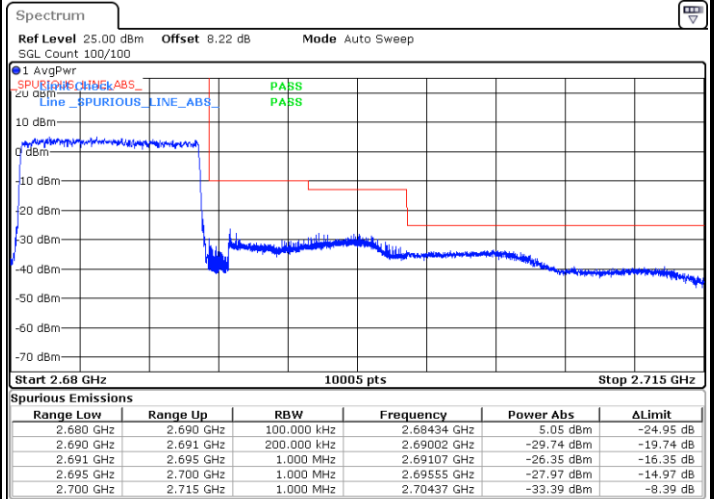
Date: 6 JUL 2022 03:22:20

Lowest Band Edge / Full RB



Date: 6 JUL 2022 03:17:59

Highest Band Edge / Full RB

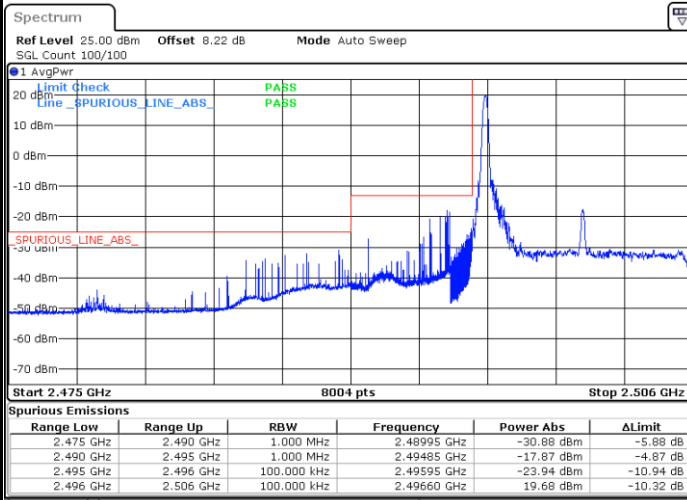


Date: 6 JUL 2022 03:30:42



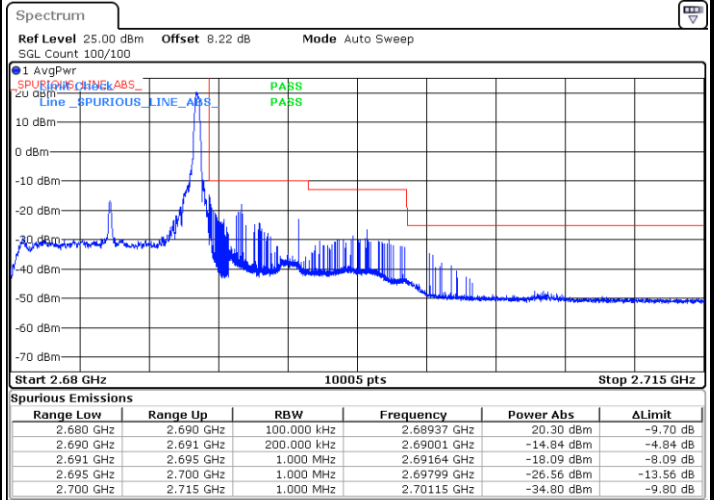
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



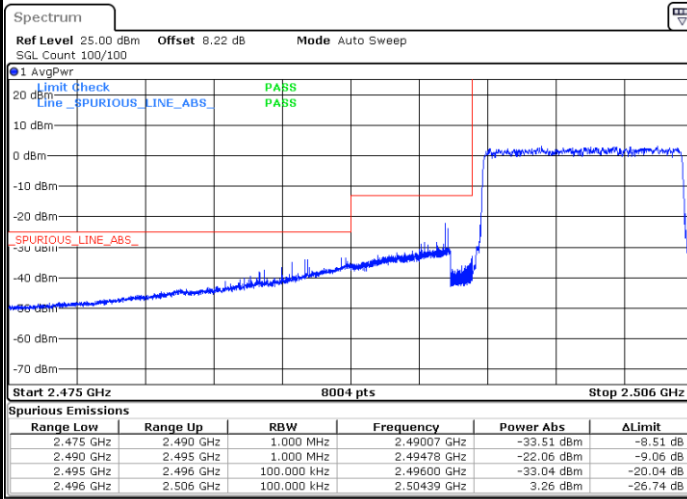
Date: 6 JUL 2022 03:11:17

Highest Band Edge / 1 RB



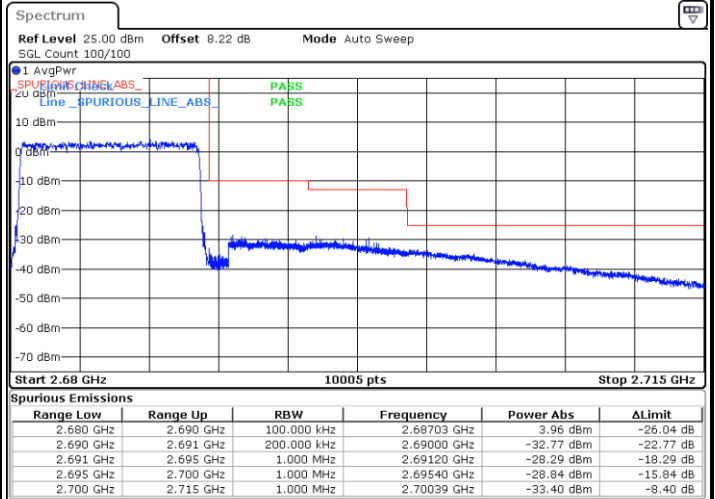
Date: 6 JUL 2022 03:24:01

Lowest Band Edge / Full RB



Date: 6 JUL 2022 03:16:19

Highest Band Edge / Full RB

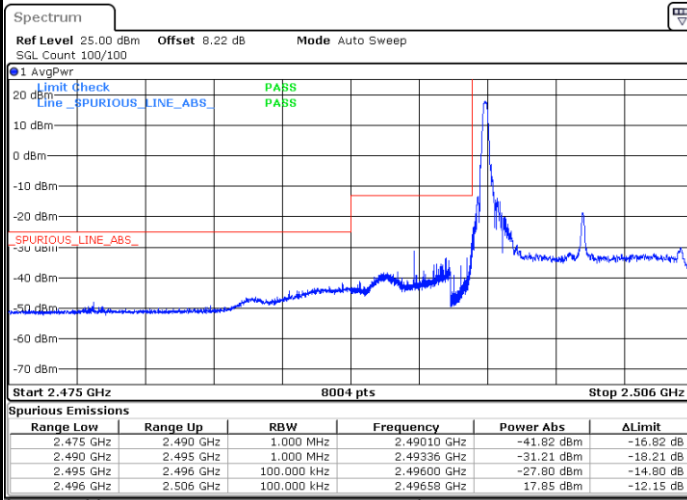


Date: 6 JUL 2022 03:29:02



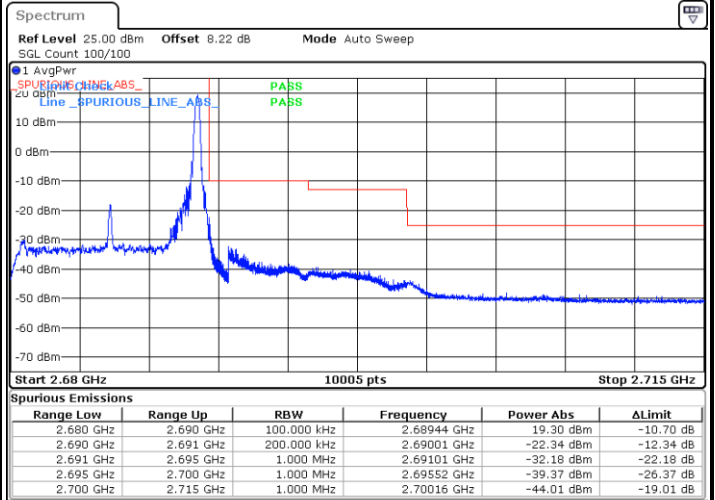
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



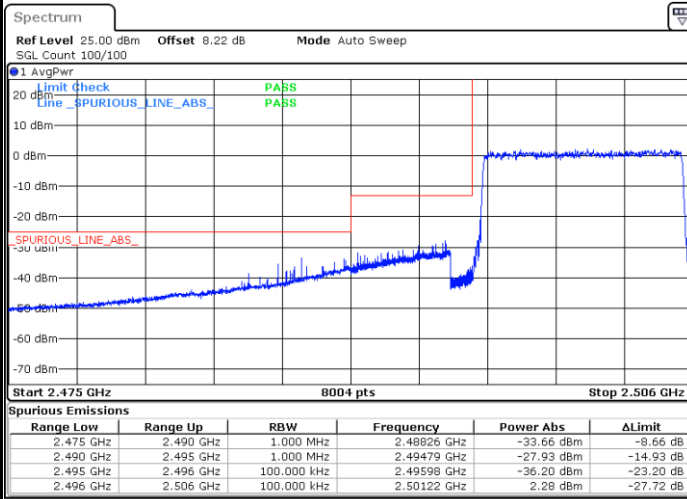
Date: 6 JUL 2022 03:12:57

Highest Band Edge / 1 RB



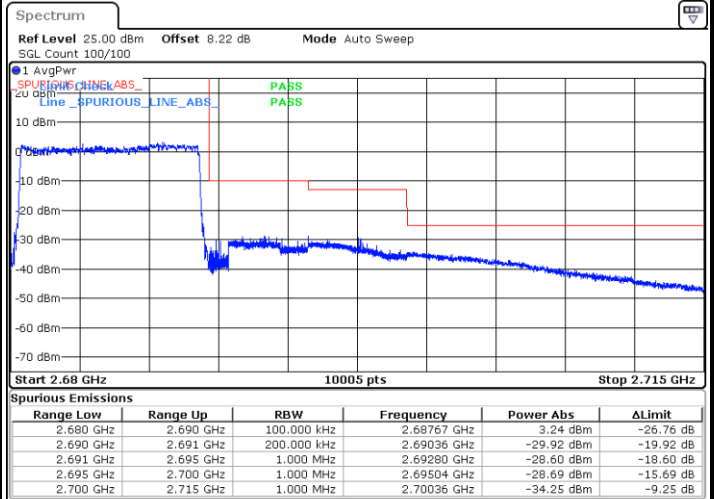
Date: 6 JUL 2022 03:25:41

Lowest Band Edge / Full RB



Date: 6 JUL 2022 03:14:38

Highest Band Edge / Full RB

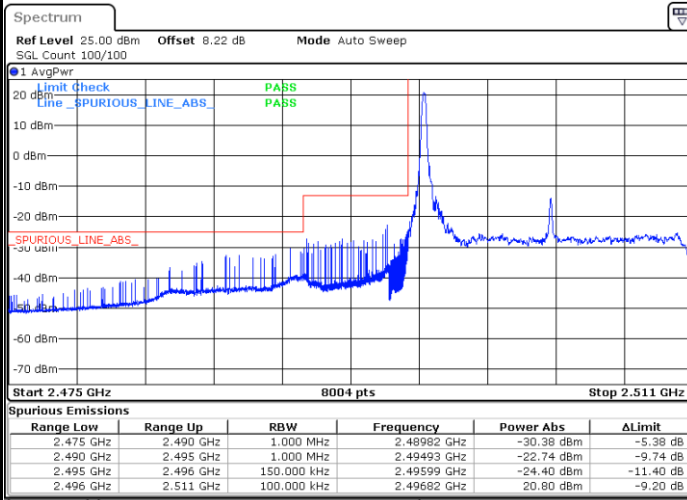


Date: 6 JUL 2022 03:27:21



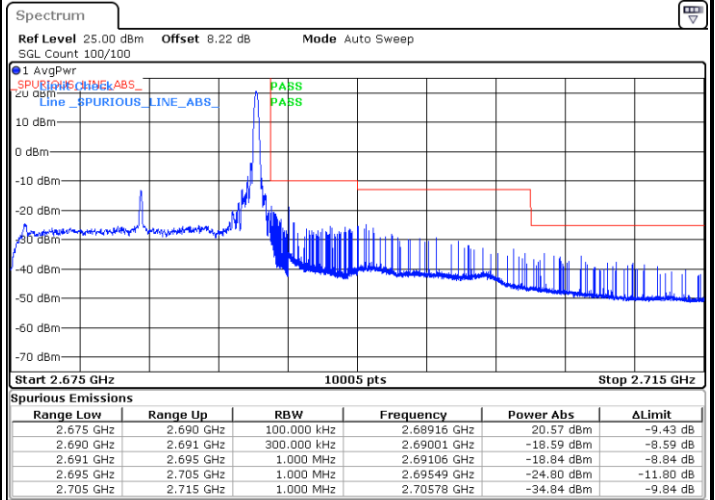
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



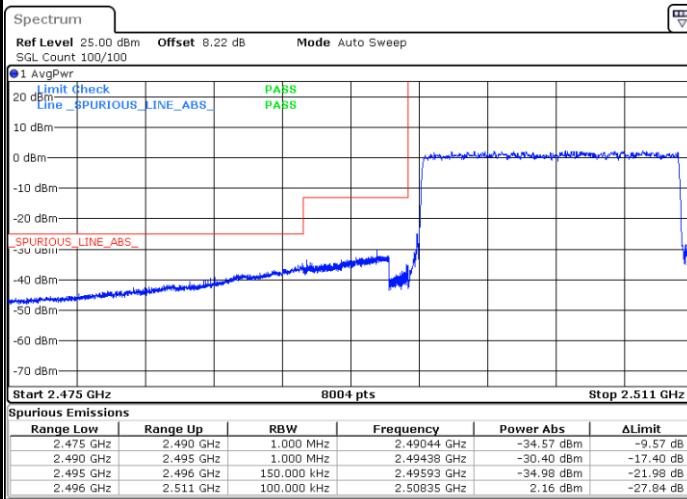
Date: 6 JUL 2022 03:33:44

Highest Band Edge / 1 RB



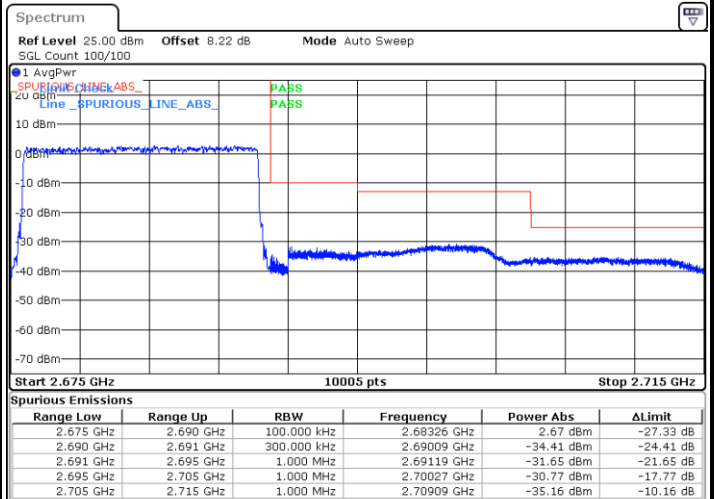
Date: 6 JUL 2022 03:46:28

Lowest Band Edge / Full RB



Date: 6 JUL 2022 03:42:07

Highest Band Edge / Full RB

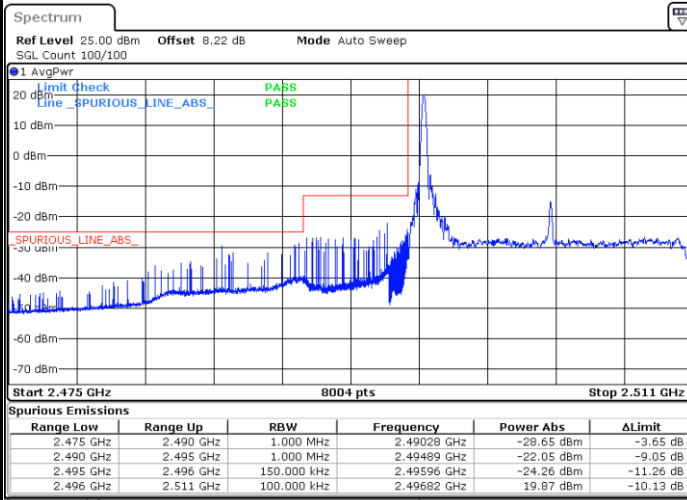


Date: 6 JUL 2022 03:54:50



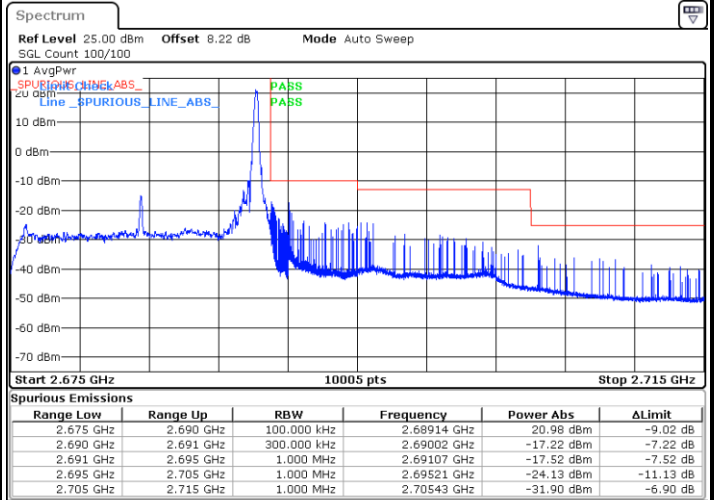
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



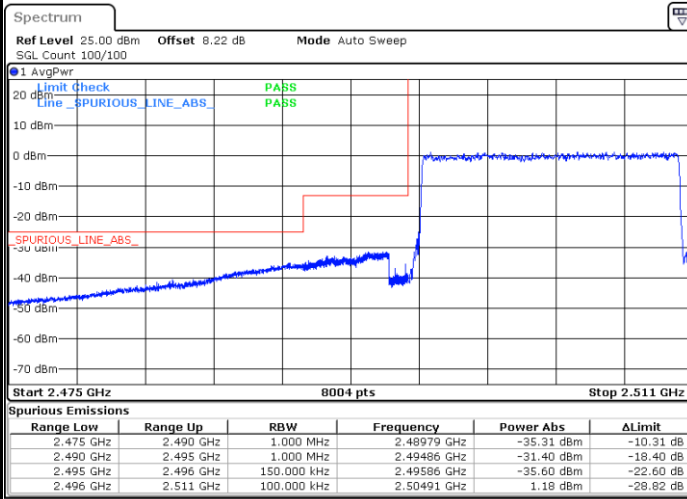
Date: 6 JUL 2022 03:35:24

Highest Band Edge / 1 RB



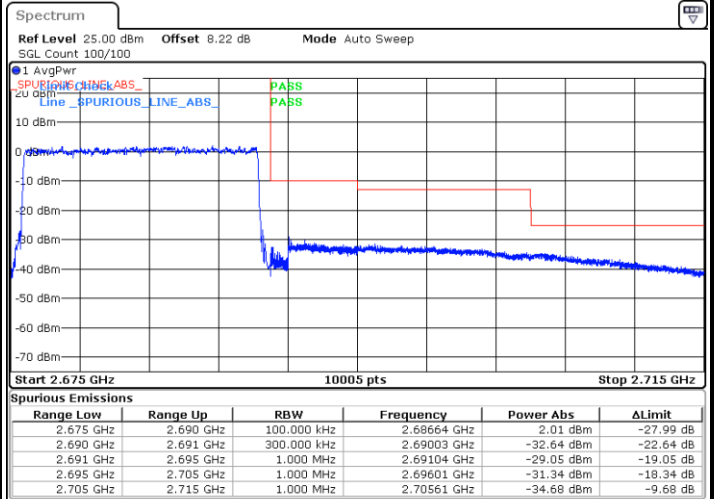
Date: 6 JUL 2022 03:48:08

Lowest Band Edge / Full RB



Date: 6 JUL 2022 03:40:26

Highest Band Edge / Full RB

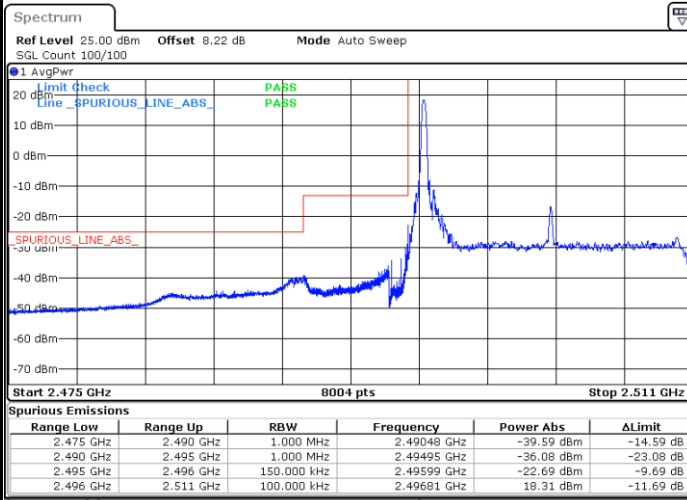


Date: 6 JUL 2022 03:53:09



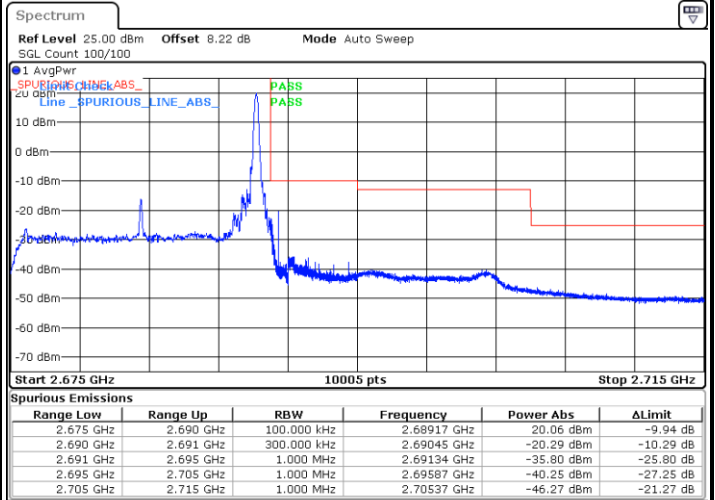
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



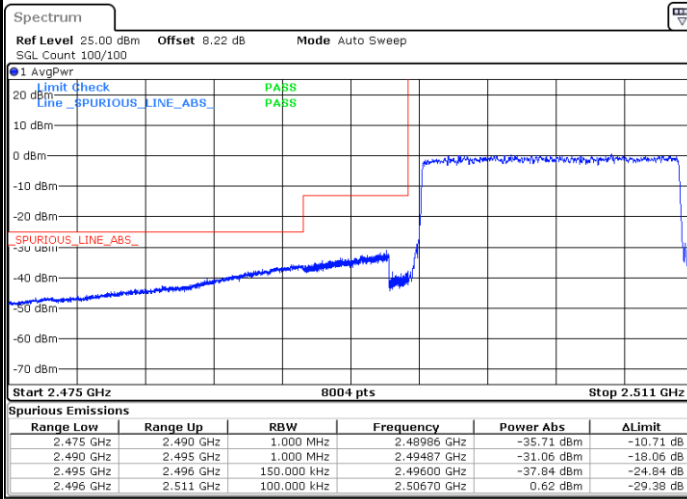
Date: 6 JUL 2022 03:37:05

Highest Band Edge / 1 RB



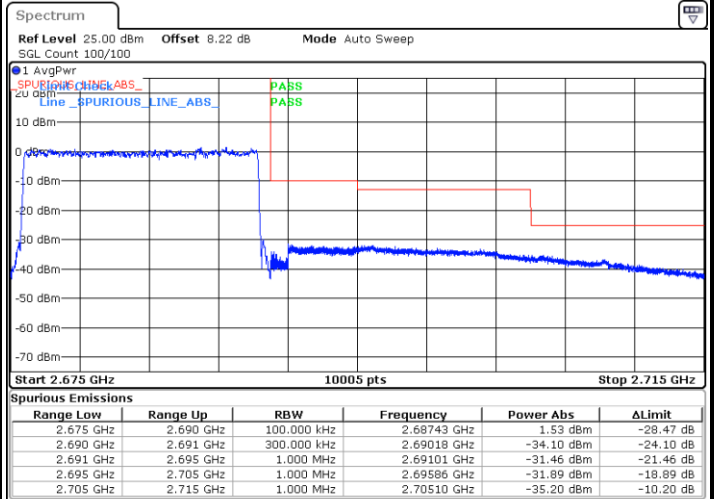
Date: 6 JUL 2022 03:49:49

Lowest Band Edge / Full RB



Date: 6 JUL 2022 03:38:46

Highest Band Edge / Full RB

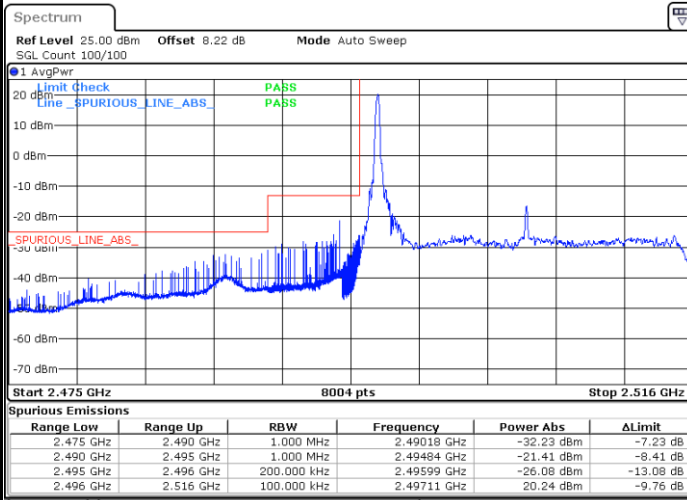


Date: 6 JUL 2022 03:51:29



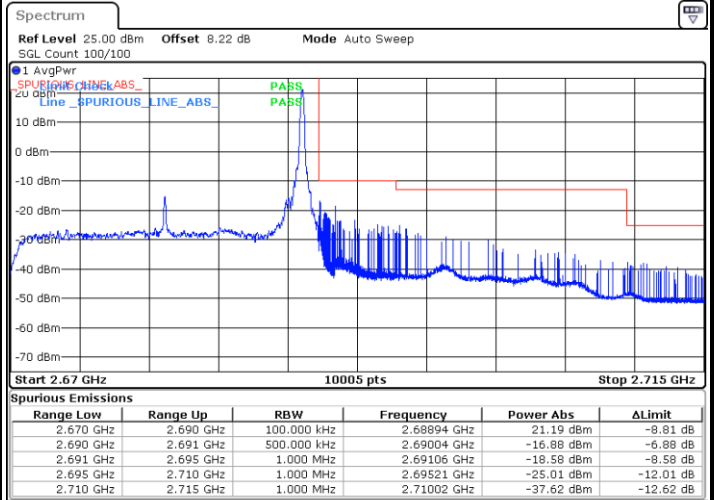
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



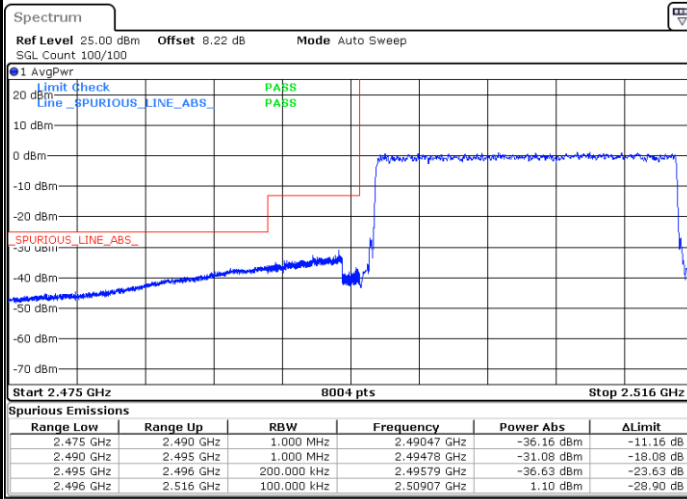
Date: 6 JUL 2022 03:57:51

Highest Band Edge / 1 RB



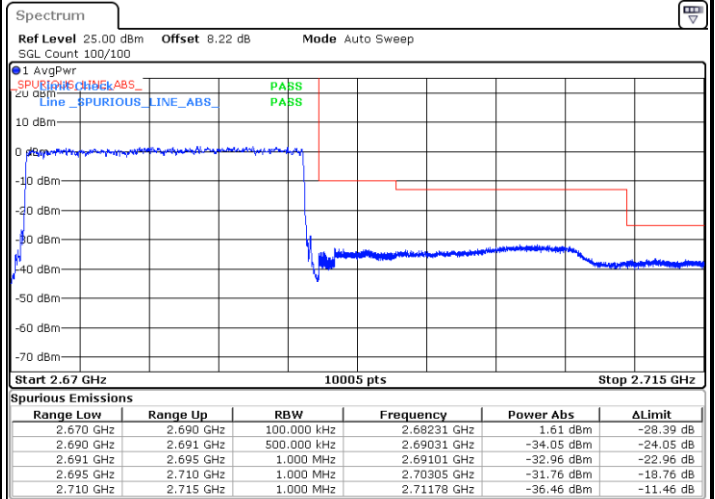
Date: 6 JUL 2022 04:10:35

Lowest Band Edge / Full RB



Date: 6 JUL 2022 04:06:14

Highest Band Edge / Full RB

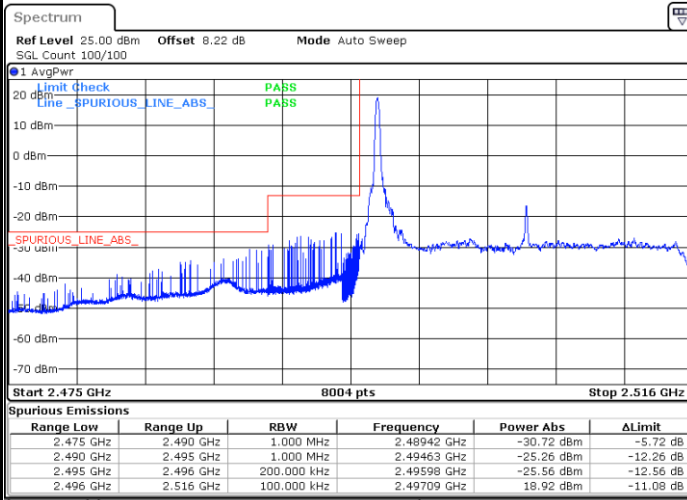


Date: 6 JUL 2022 04:18:56



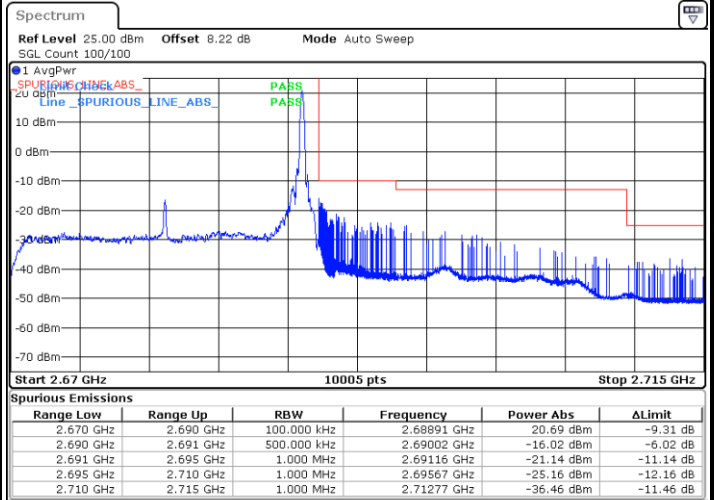
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



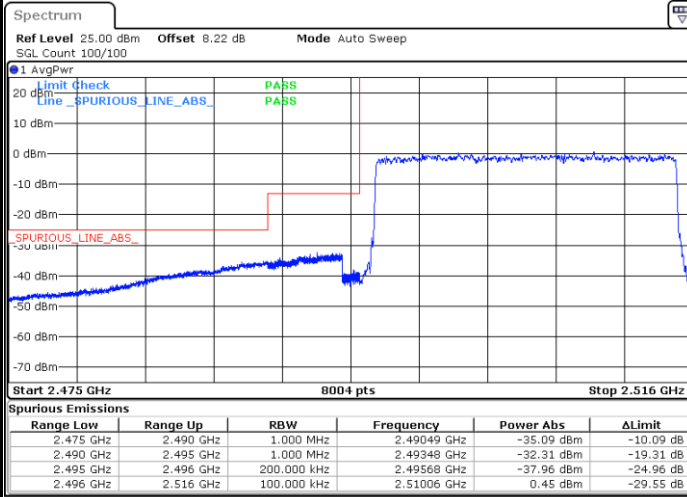
Date: 6 JUL 2022 03:58:32

Highest Band Edge / 1 RB



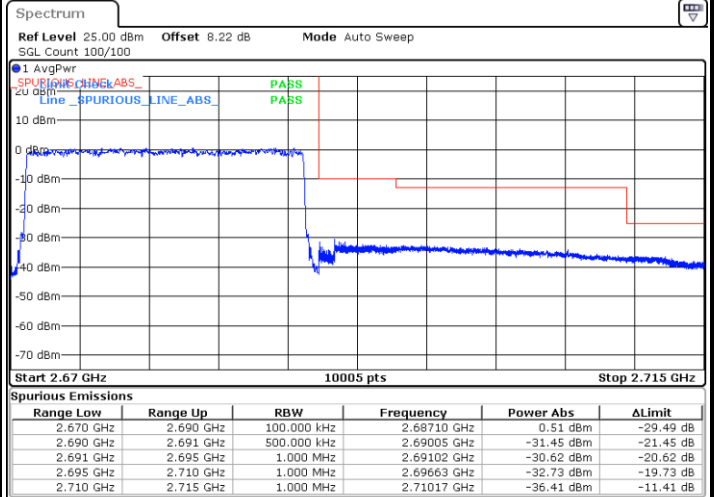
Date: 6 JUL 2022 04:12:15

Lowest Band Edge / Full RB



Date: 6 JUL 2022 04:04:33

Highest Band Edge / Full RB

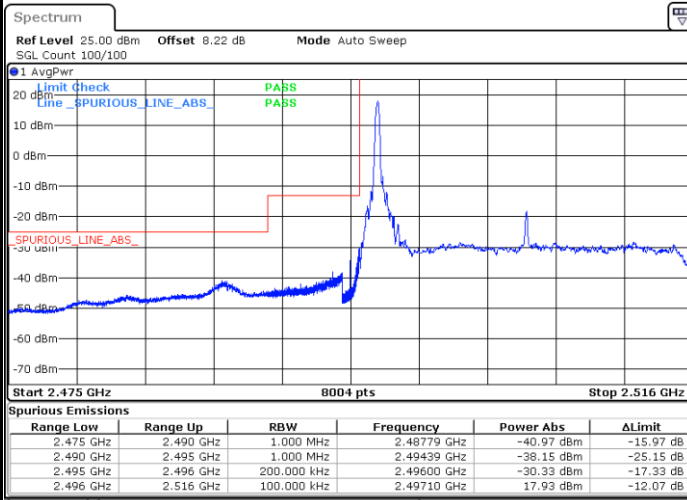


Date: 6 JUL 2022 04:17:16



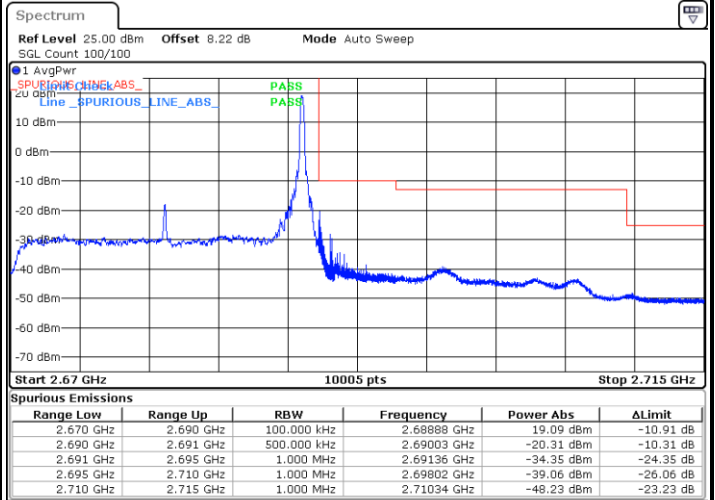
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



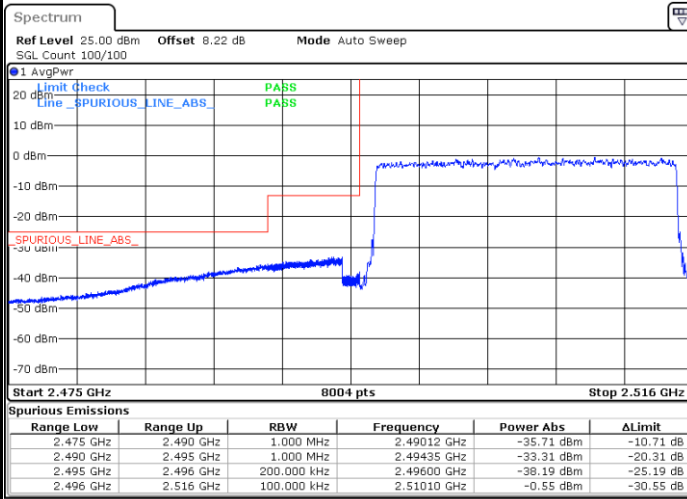
Date: 6 JUL 2022 04:01:12

Highest Band Edge / 1 RB



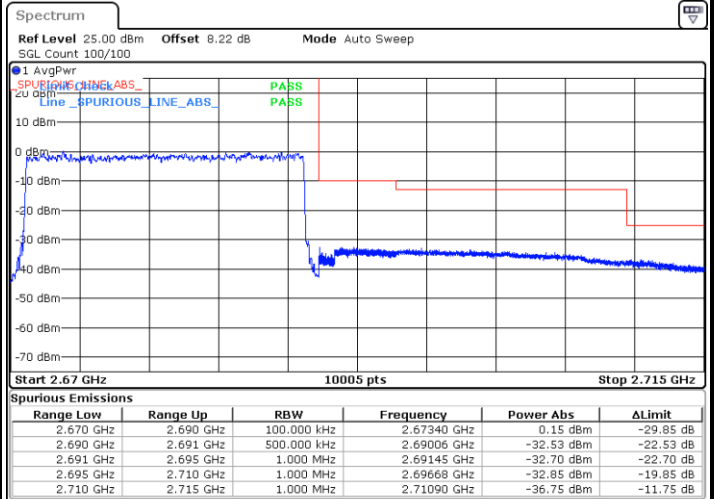
Date: 6 JUL 2022 04:13:55

Lowest Band Edge / Full RB



Date: 6 JUL 2022 04:02:53

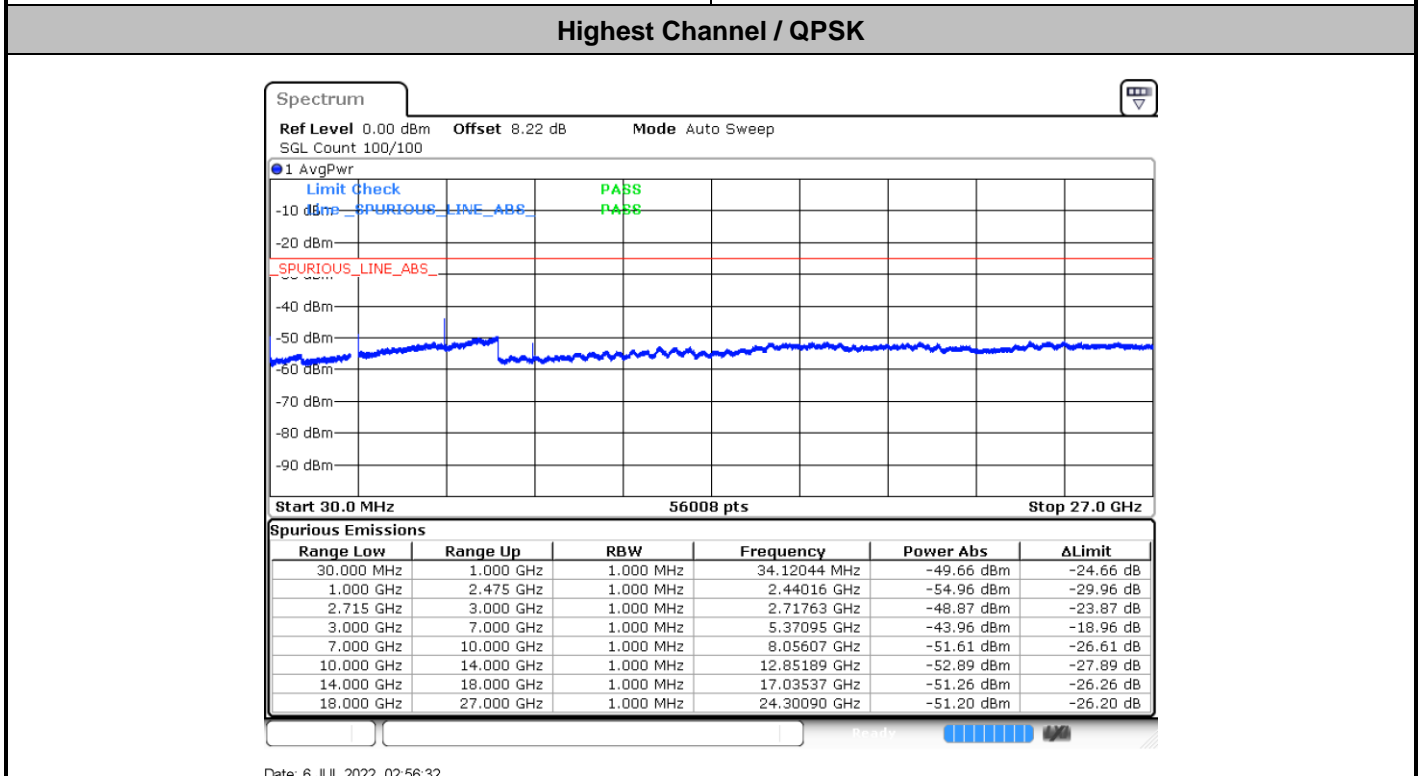
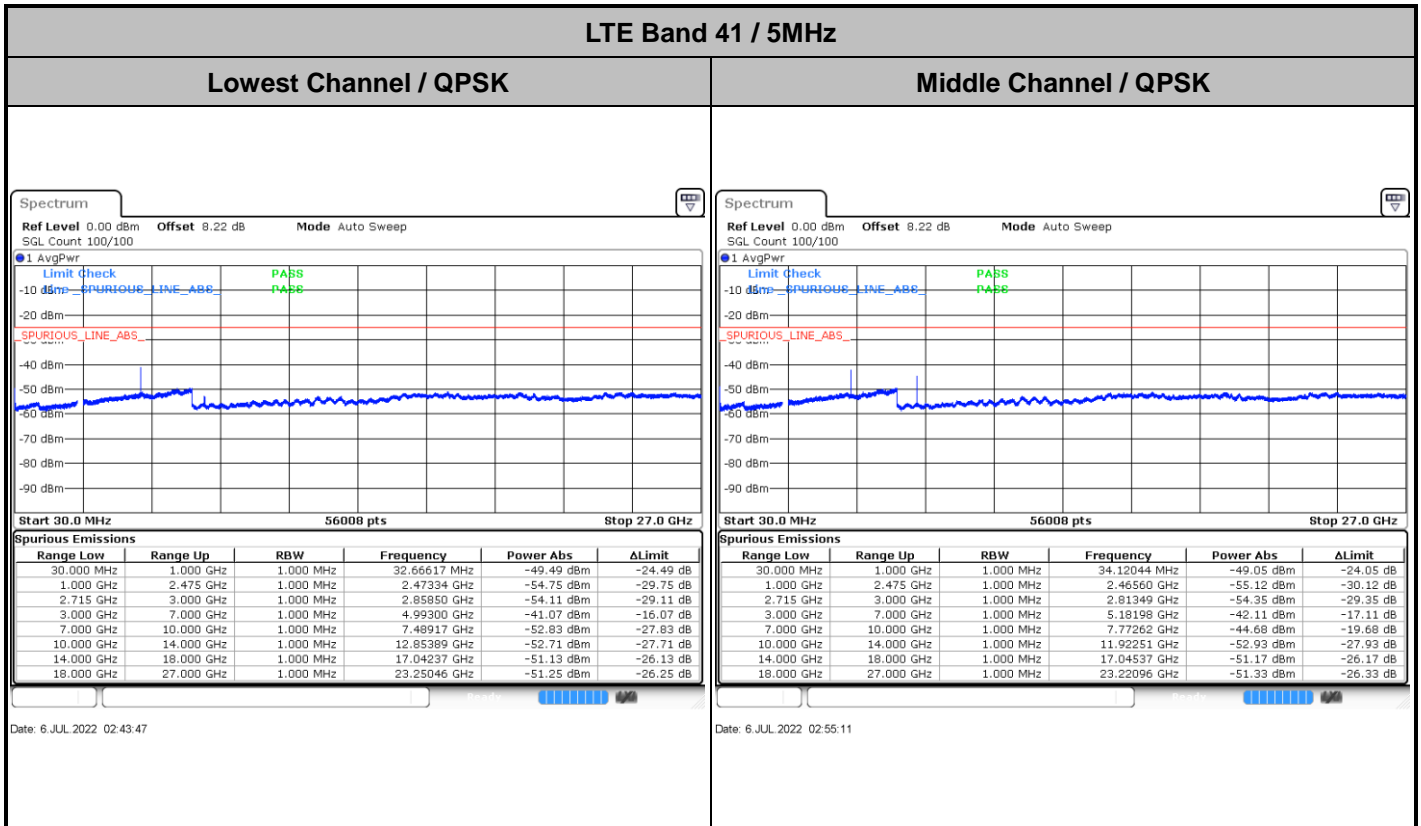
Highest Band Edge / Full RB



Date: 6 JUL 2022 04:15:36



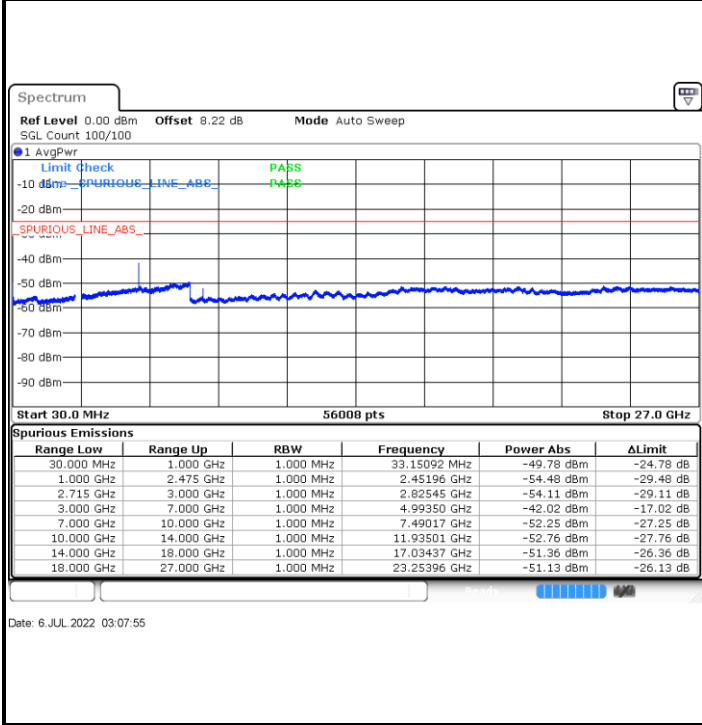
Conducted Spurious Emission



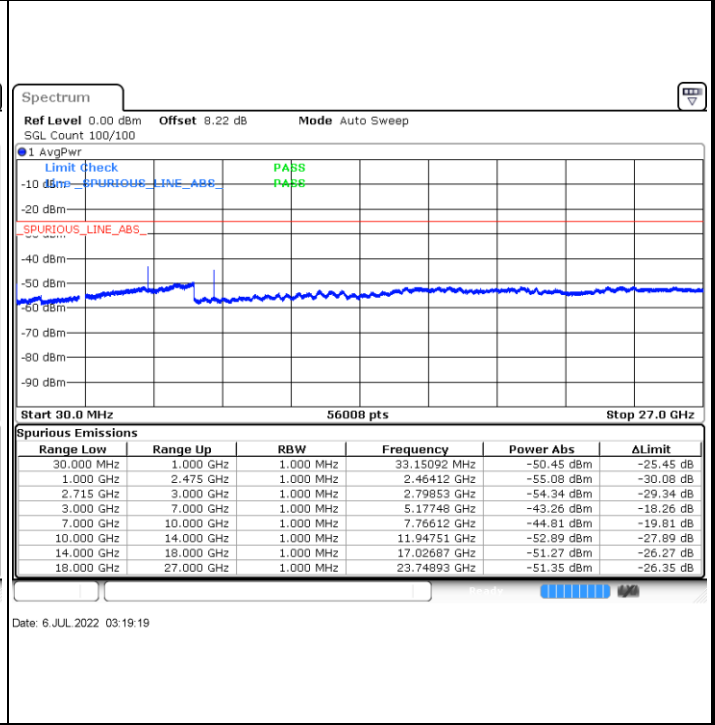


LTE Band 41 / 10MHz

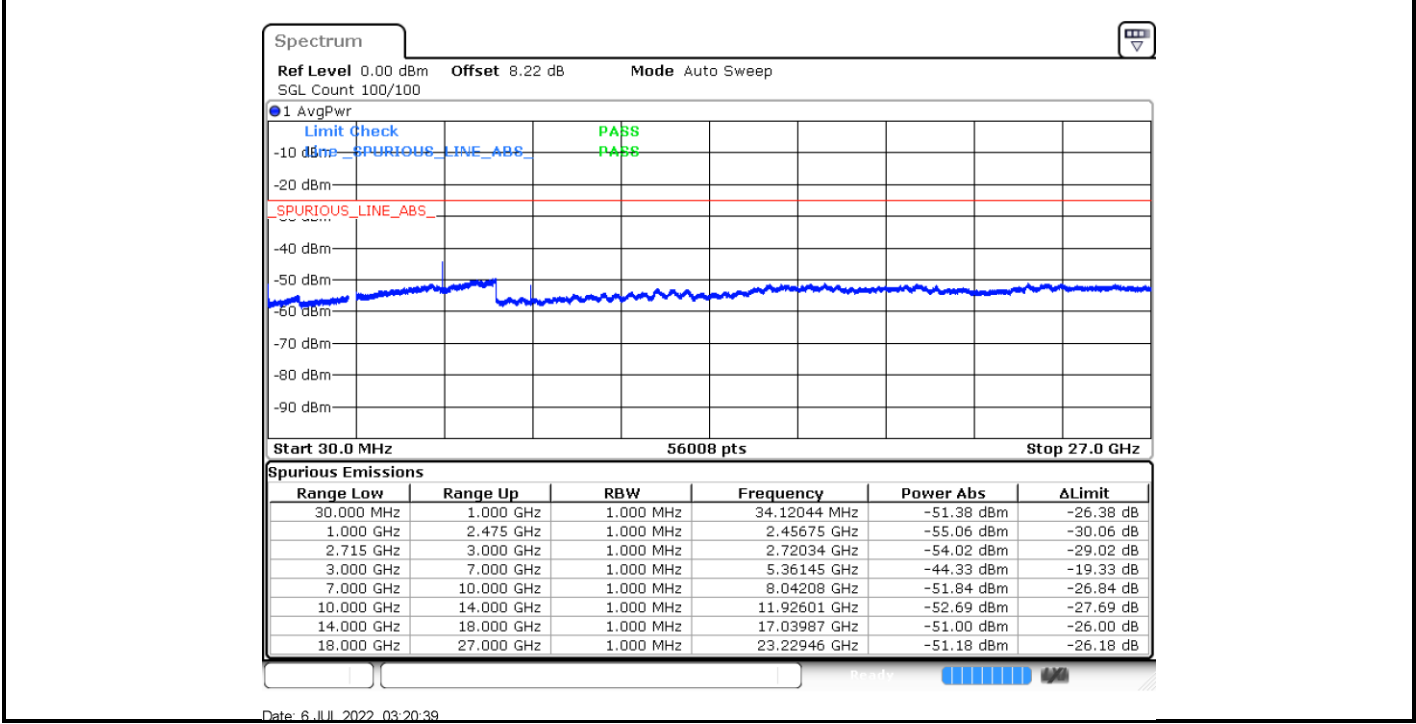
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

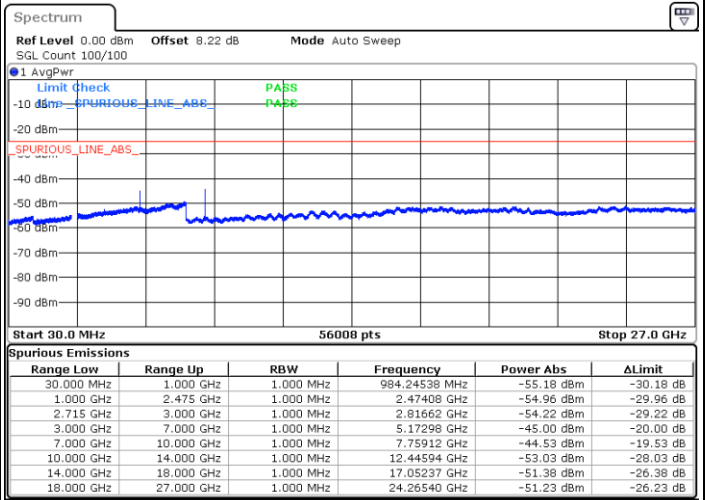
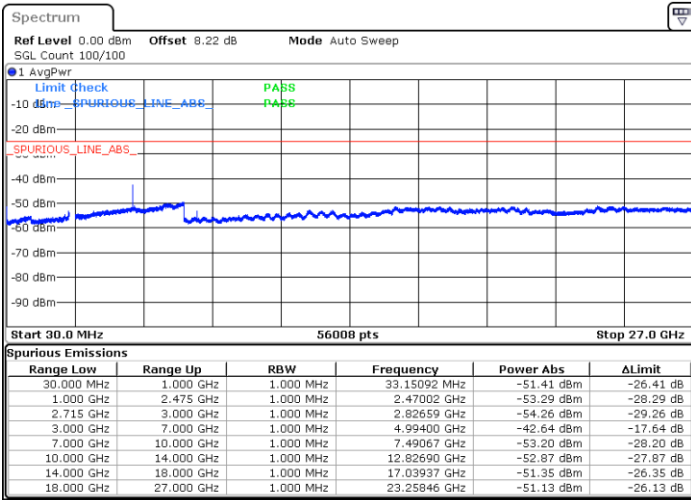




LTE Band 41 / 15MHz

Lowest Channel / QPSK

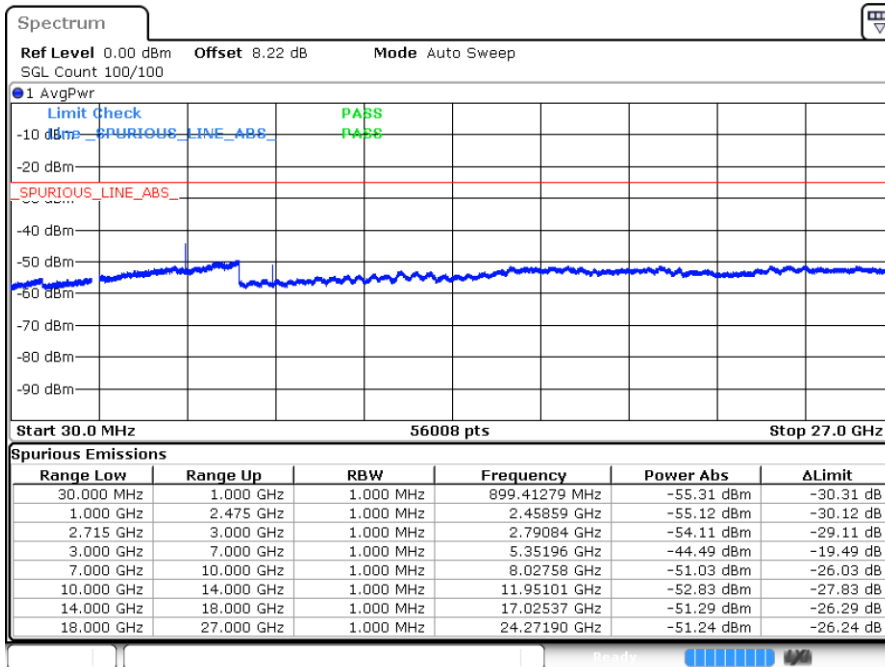
Middle Channel / QPSK



Date: 6 JUL 2022 03:32:02

Date: 6 JUL 2022 03:43:26

Highest Channel / QPSK



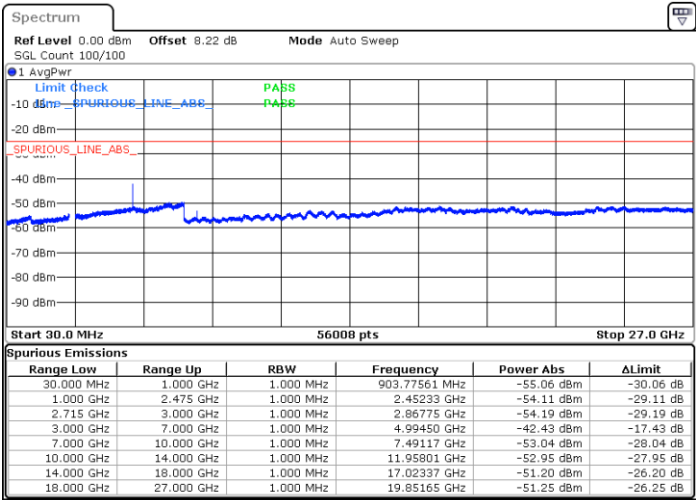
Date: 6 JUL 2022 03:44:47



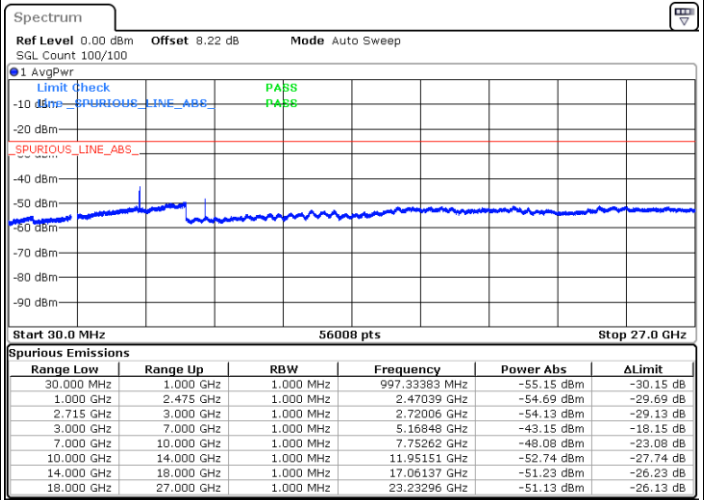
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

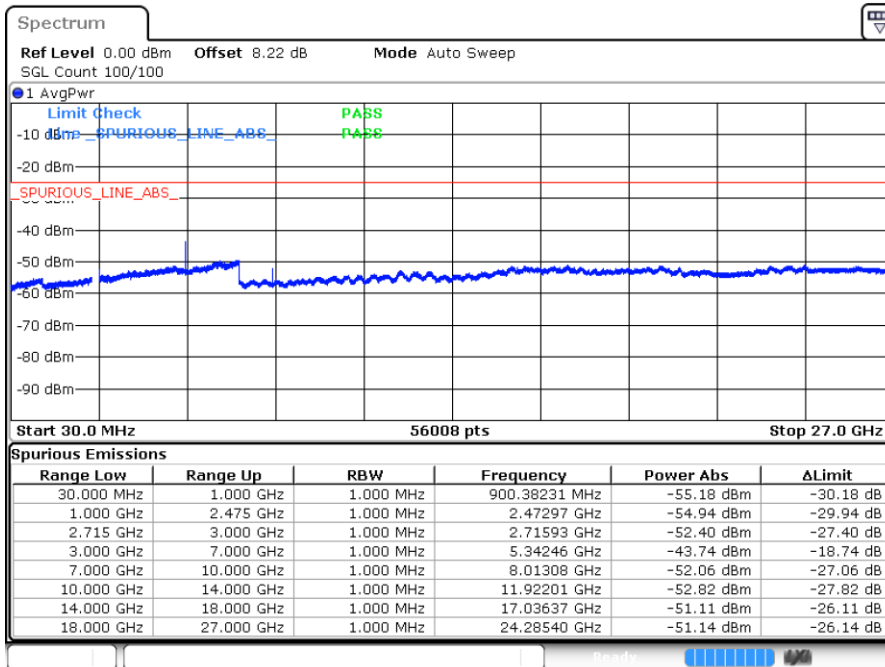


Date: 6 JUL 2022 03:56:10



Date: 6 JUL 2022 04:07:34

Highest Channel / QPSK



Date: 6 JUL 2022 04:08:54



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	0.0028	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 7 / 20MHz / QPSK								
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)
Middle	5052	-61.26	-25	-36.26	-71.47	3.03	13.24	H
	7580	-48.81	-25	-23.81	-58.26	3.56	13.01	H
	10100	-50.57	-25	-25.57	-60.09	3.92	13.44	H
	5052	-61.68	-25	-36.68	-71.89	3.03	13.24	V
	7580	-51.08	-25	-26.08	-60.53	3.56	13.01	V
	10100	-50.59	-25	-25.59	-60.11	3.92	13.44	V

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

LTE Band 41 / 20MHz / QPSK								
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)
Middle	5168	-51.21	-25	-26.21	-61.42	3.03	13.24	H
	7752	-53.23	-25	-28.23	-62.68	3.56	13.01	H
	10340	-51.45	-25	-26.45	-60.97	3.92	13.44	H
	5168	-52.01	-25	-27.01	-62.22	3.03	13.24	V
	7752	-52.50	-25	-27.50	-61.95	3.56	13.01	V
	10340	-51.09	-25	-26.09	-60.61	3.92	13.44	V

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