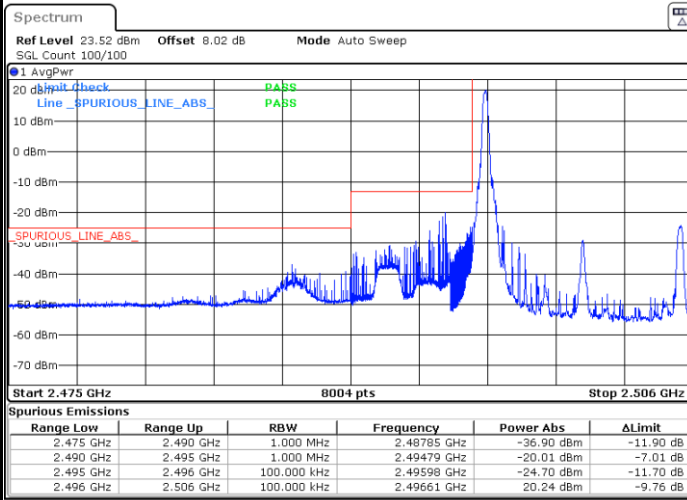




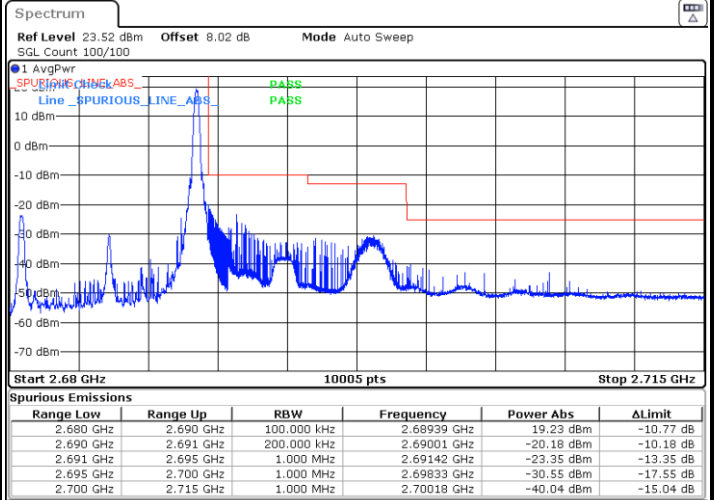
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



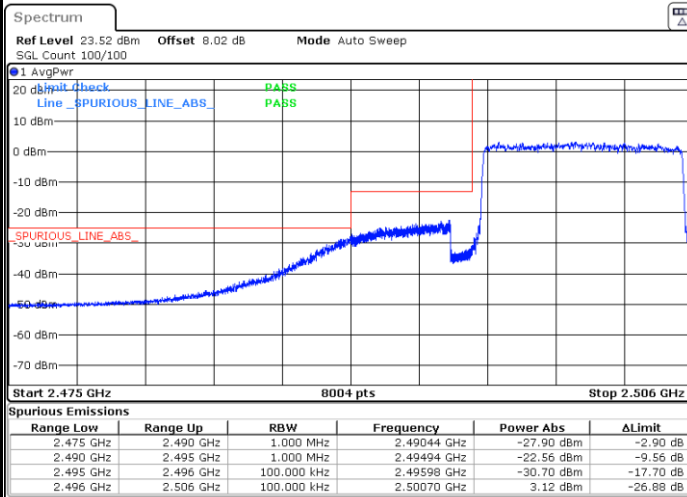
Date: 12.MAR.2022 14:07:35

Highest Band Edge / 1 RB



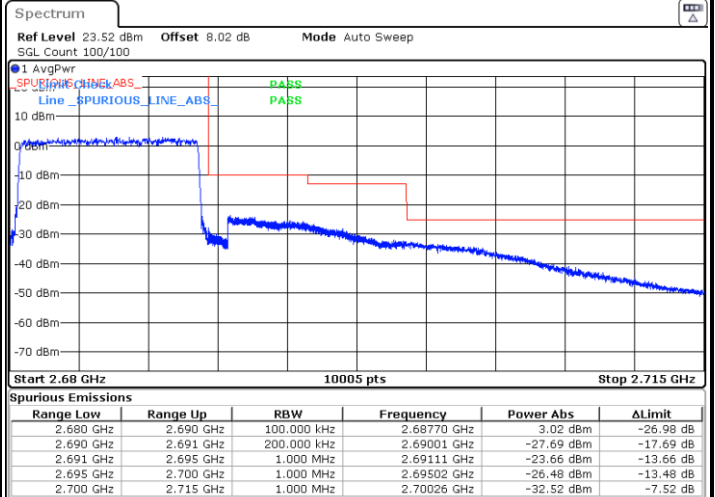
Date: 12.MAR.2022 14:19:51

Lowest Band Edge / Full RB



Date: 12.MAR.2022 14:08:39

Highest Band Edge / Full RB

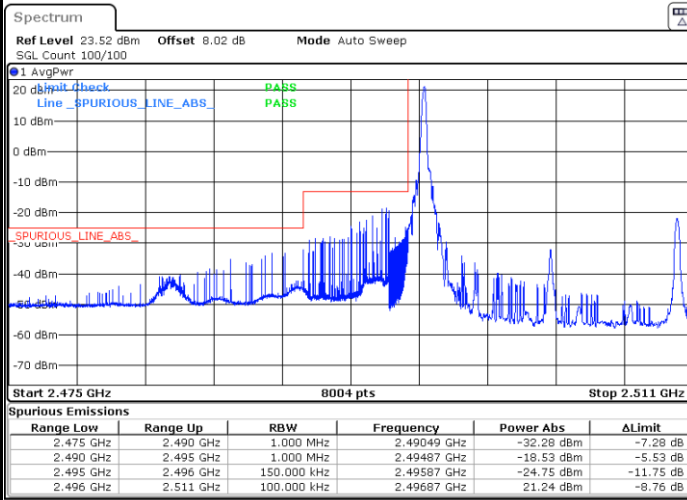


Date: 12.MAR.2022 14:20:38



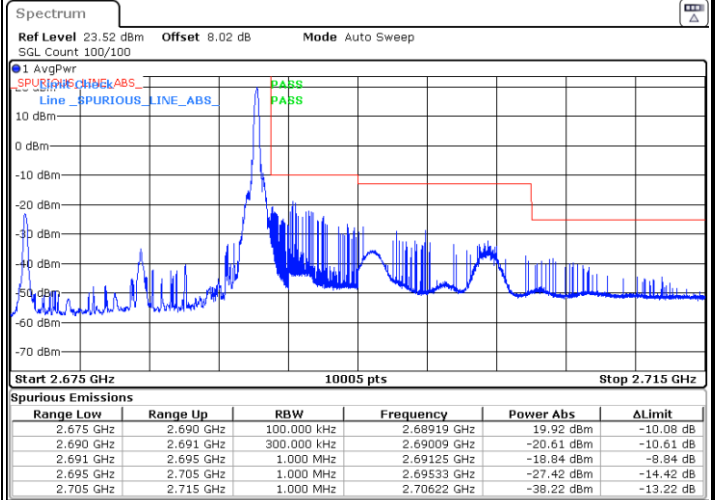
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



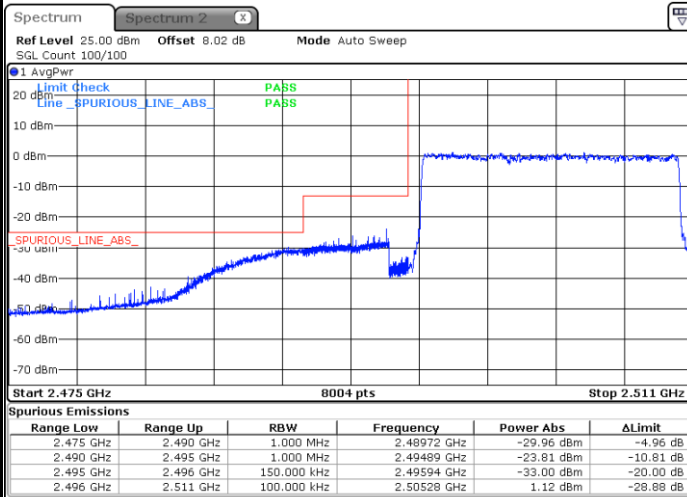
Date: 12.MAR.2022 14:25:13

Highest Band Edge / 1 RB



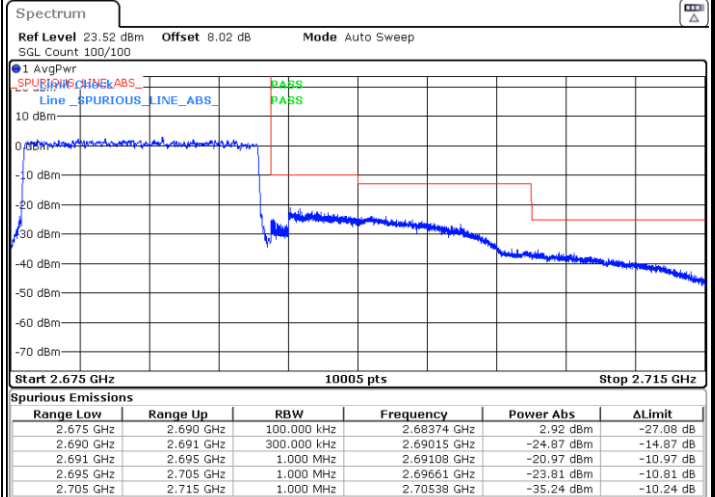
Date: 12.MAR.2022 14:46:04

Lowest Band Edge / Full RB



Date: 22.MAR.2022 02:22:10

Highest Band Edge / Full RB

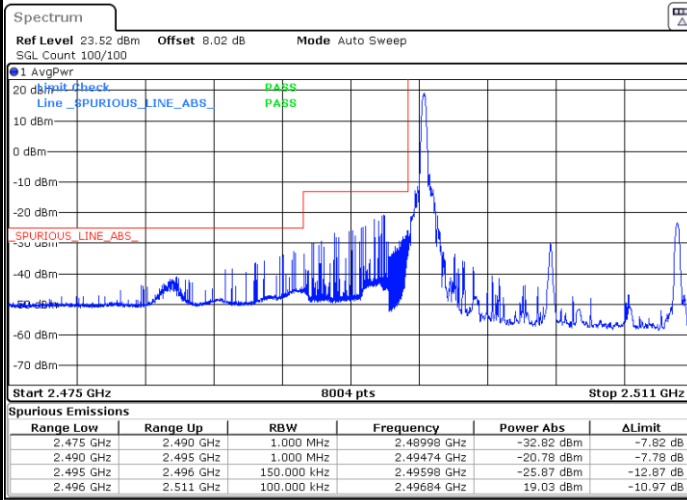


Date: 12.MAR.2022 14:49:40



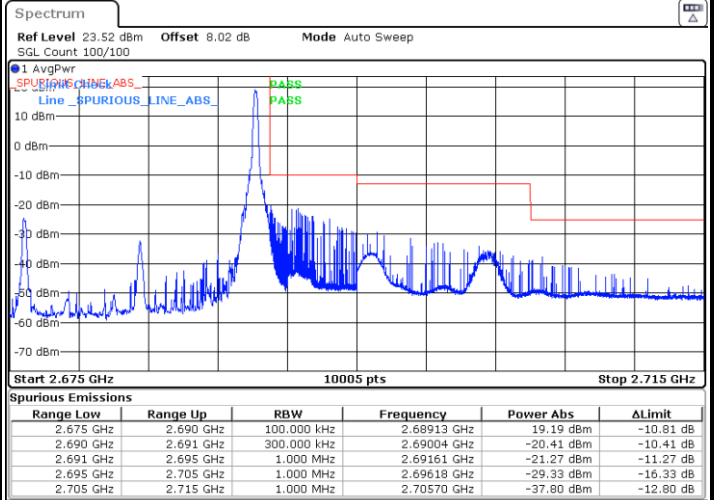
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



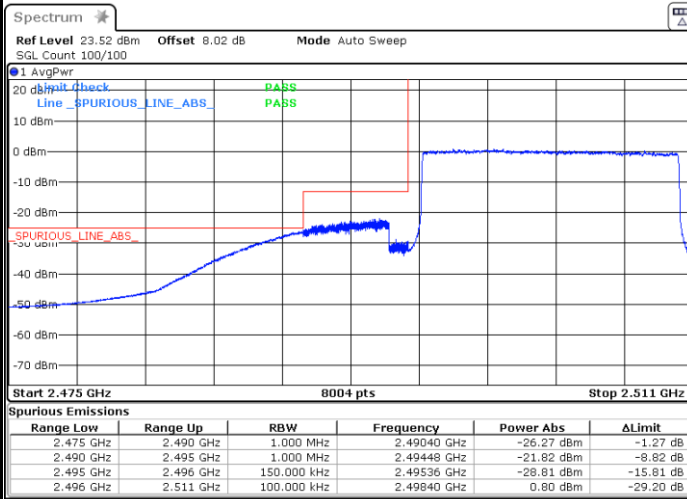
Date: 12.MAR.2022 14:25:50

Highest Band Edge / 1 RB



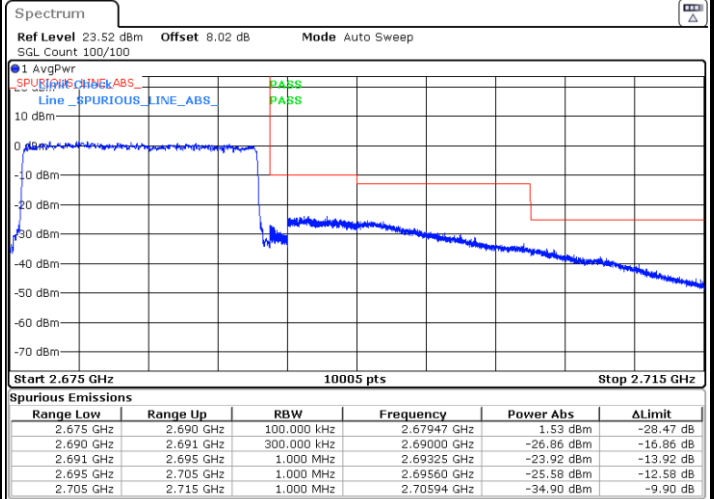
Date: 12.MAR.2022 14:46:45

Lowest Band Edge / Full RB



Date: 12.MAR.2022 14:30:34

Highest Band Edge / Full RB

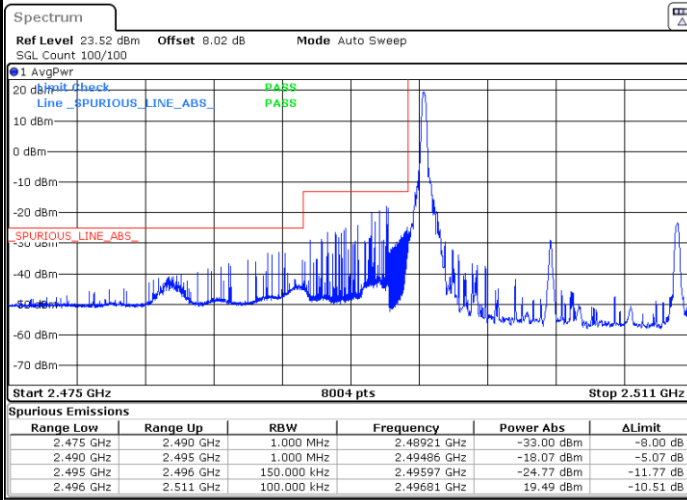


Date: 12.MAR.2022 14:48:58



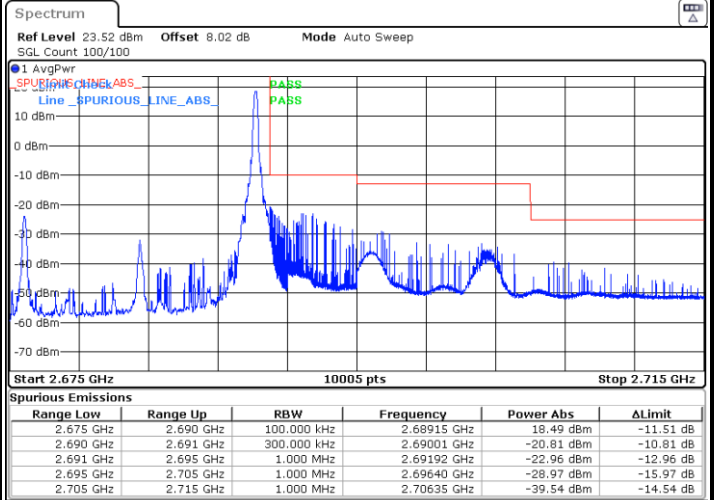
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



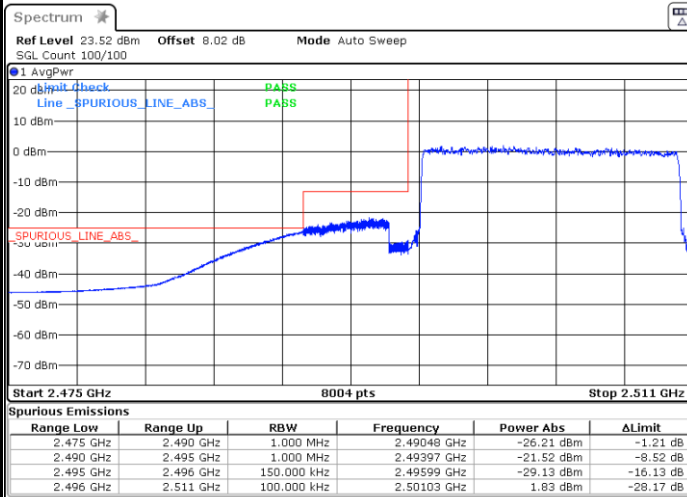
Date: 12.MAR.2022 14:26:43

Highest Band Edge / 1 RB



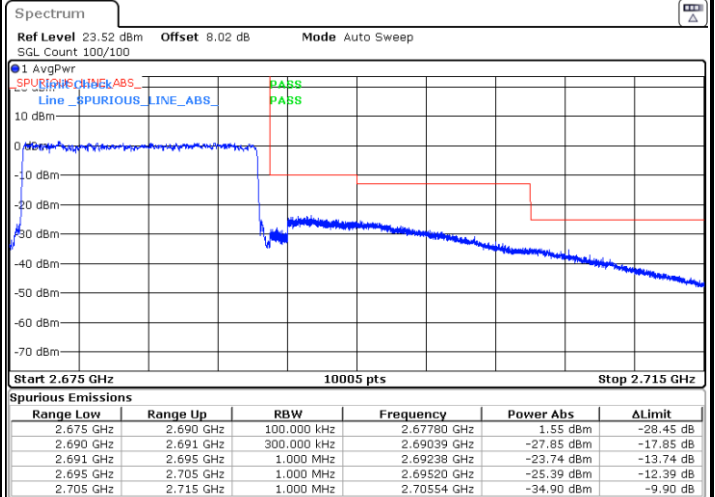
Date: 12.MAR.2022 14:47:28

Lowest Band Edge / Full RB



Date: 12.MAR.2022 14:28:21

Highest Band Edge / Full RB

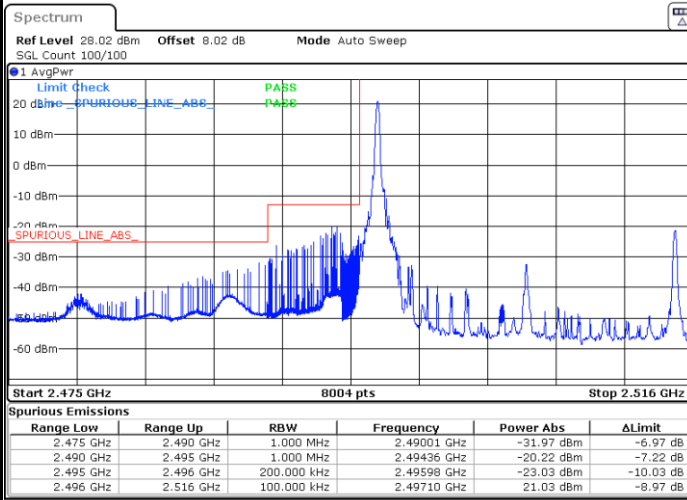


Date: 12.MAR.2022 14:48:11



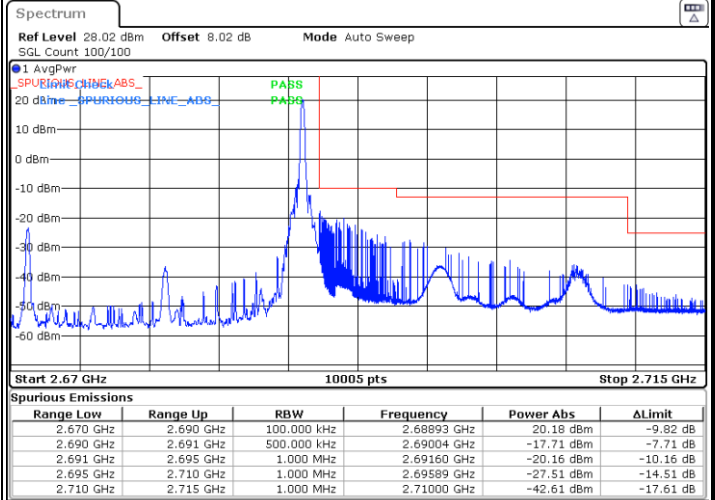
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



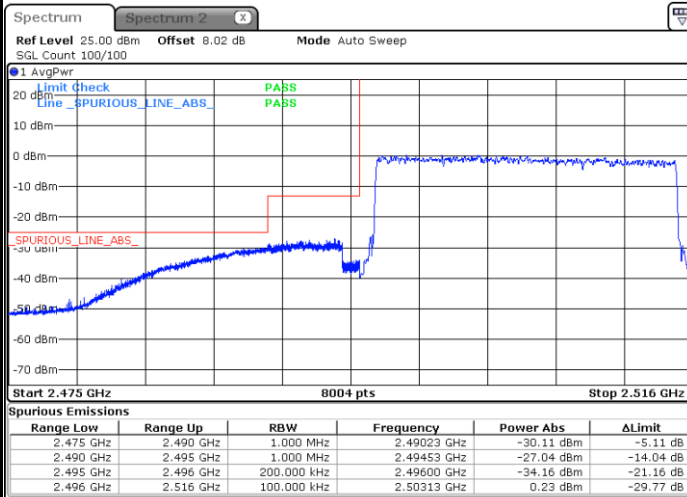
Date: 12.MAR.2022 14:54:44

Highest Band Edge / 1 RB



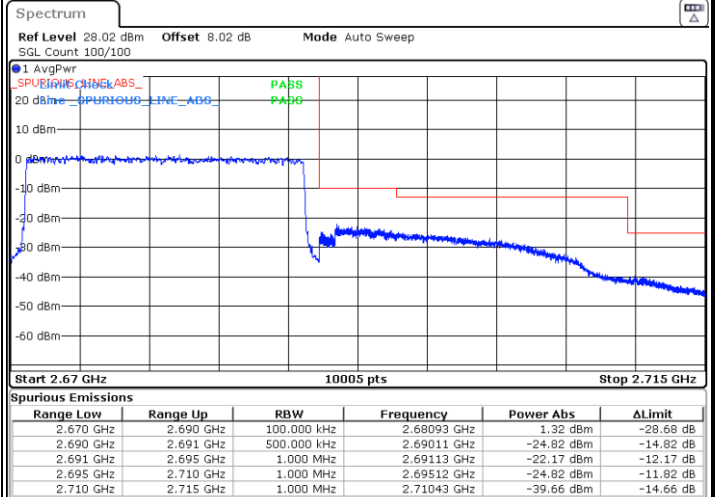
Date: 12.MAR.2022 15:20:32

Lowest Band Edge / Full RB



Date: 22.MAR.2022 02:22:51

Highest Band Edge / Full RB

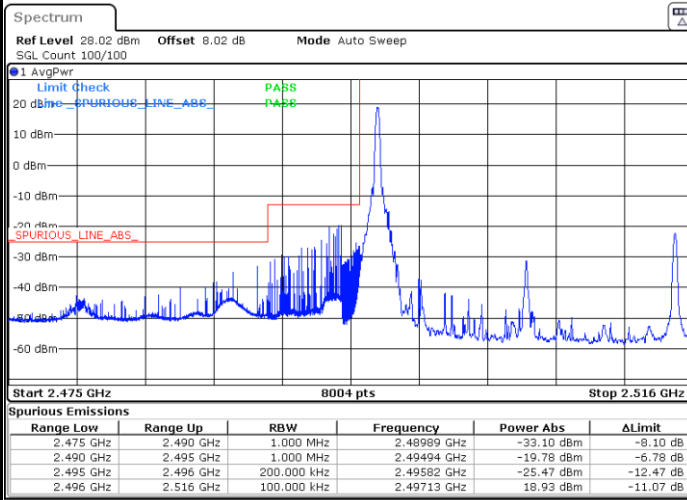


Date: 12.MAR.2022 15:25:24



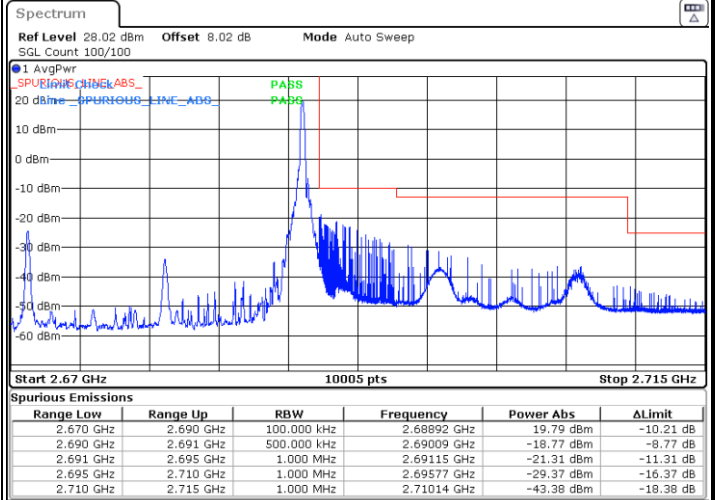
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



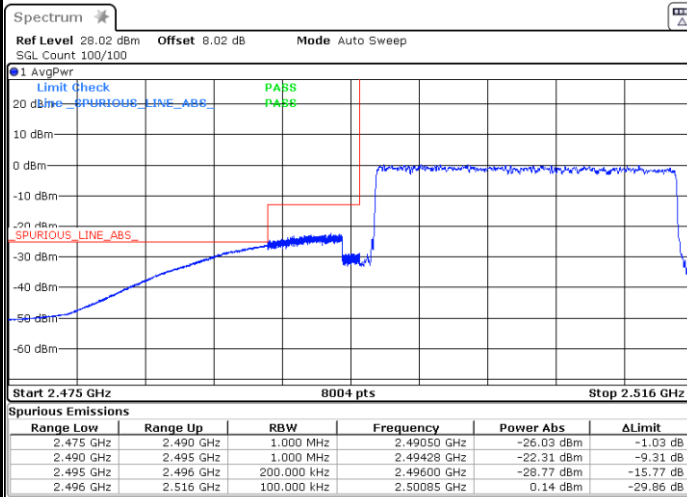
Date: 12.MAR.2022 14:55:49

Highest Band Edge / 1 RB



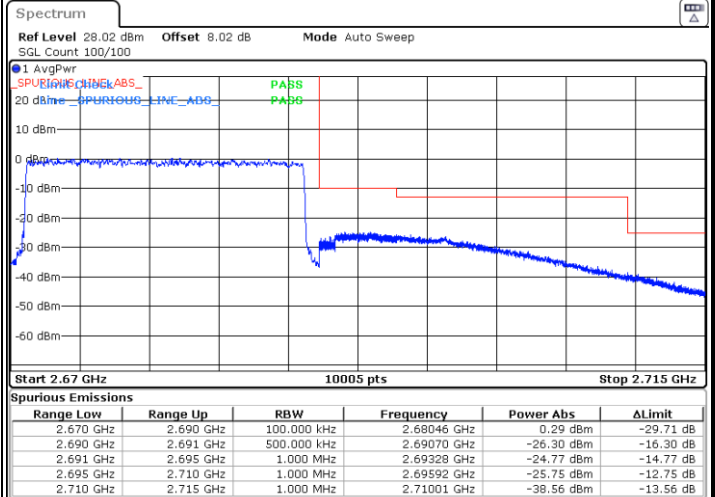
Date: 12.MAR.2022 15:21:34

Lowest Band Edge / Full RB



Date: 12.MAR.2022 15:02:28

Highest Band Edge / Full RB

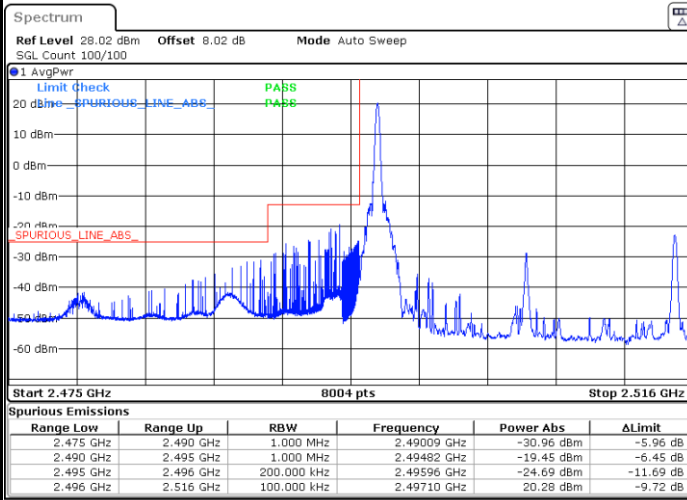


Date: 12.MAR.2022 15:24:03



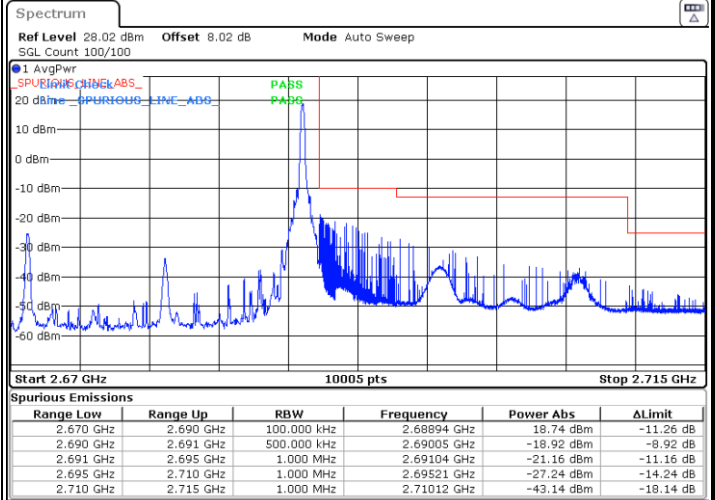
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



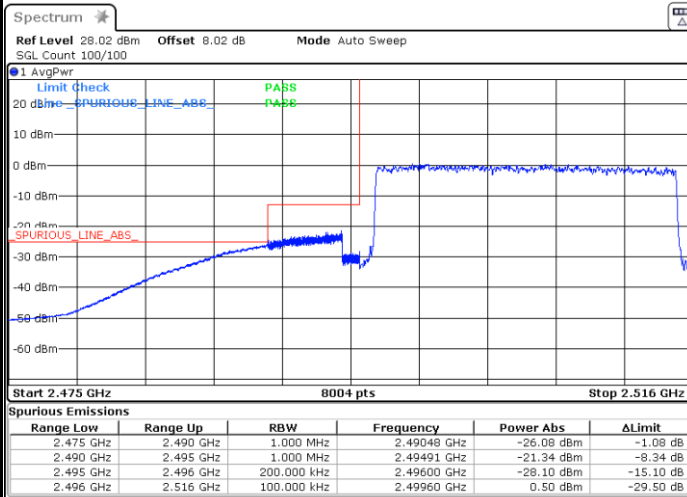
Date: 12.MAR.2022 14:57:22

Highest Band Edge / 1 RB



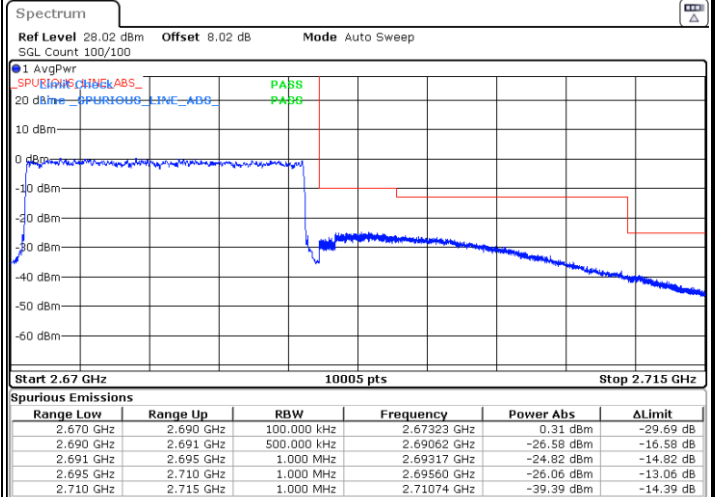
Date: 12.MAR.2022 15:22:30

Lowest Band Edge / Full RB



Date: 12.MAR.2022 14:59:55

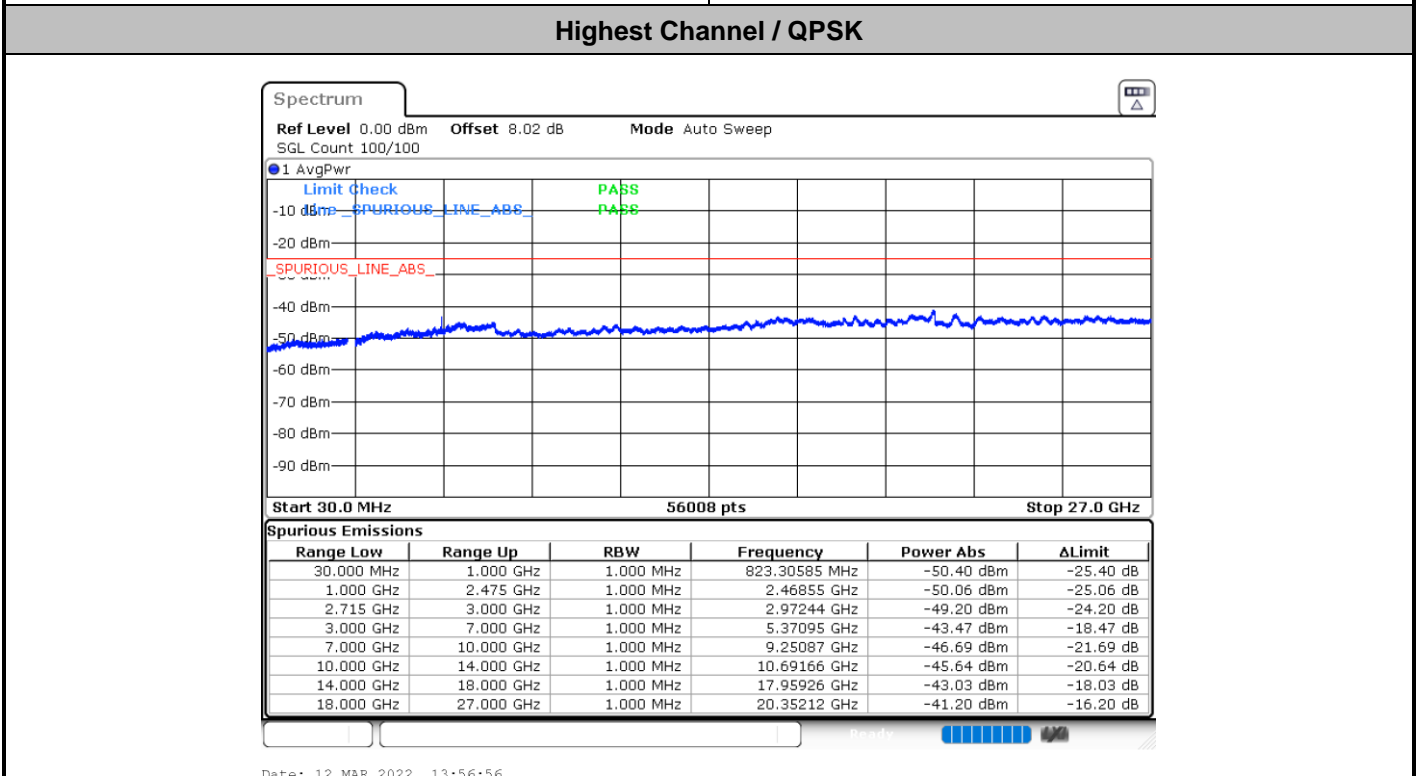
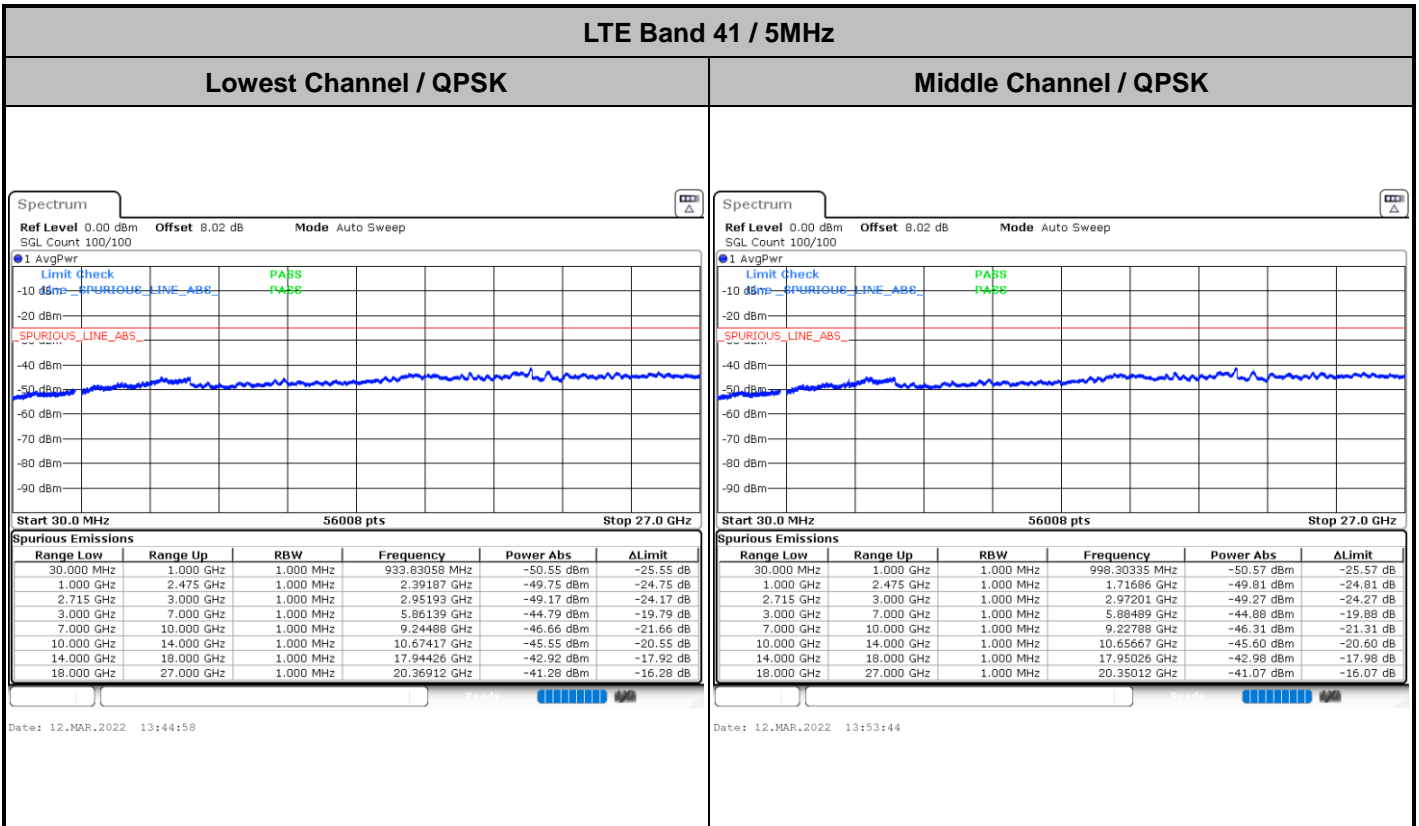
Highest Band Edge / Full RB



Date: 12.MAR.2022 15:23:21



Conducted Spurious Emission

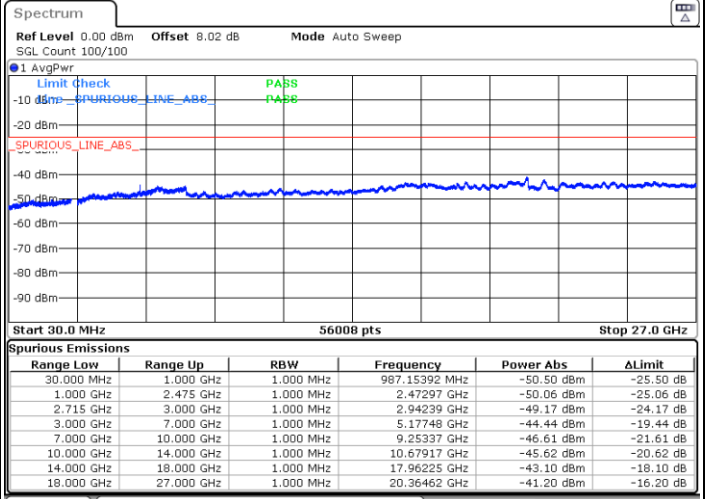
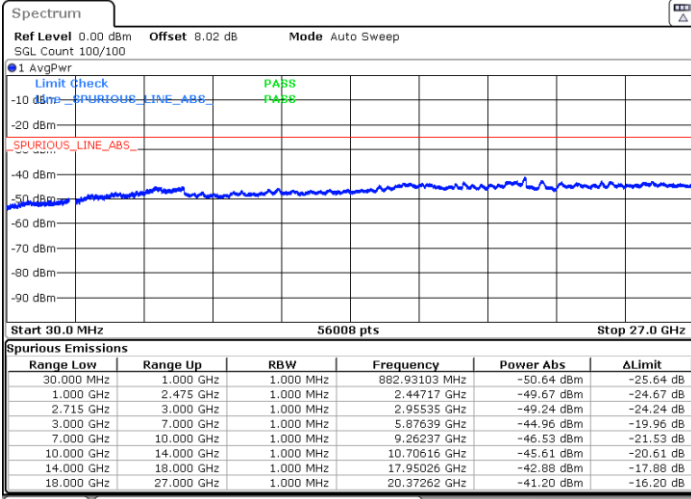




LTE Band 41 / 10MHz

Lowest Channel / QPSK

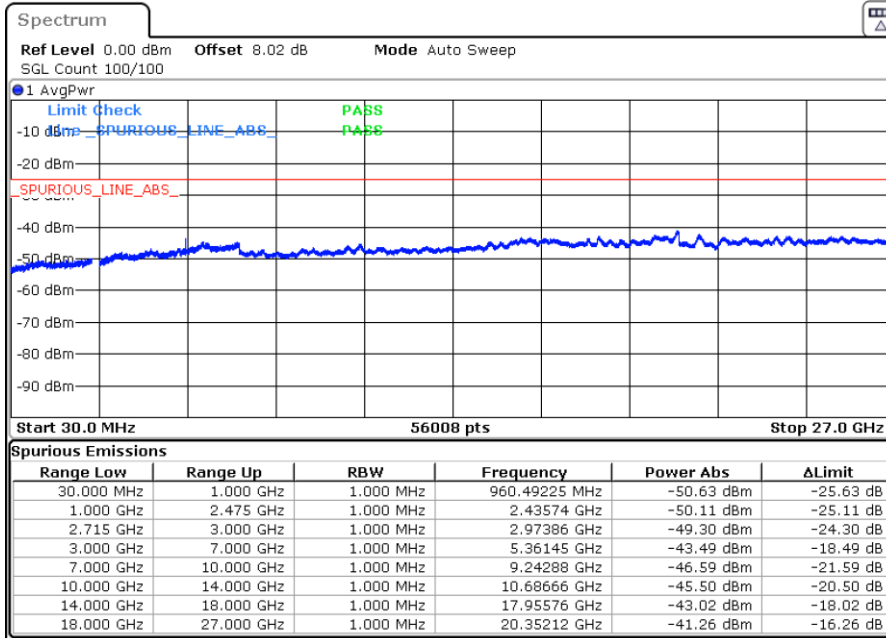
Middle Channel / QPSK



Date: 12.MAR.2022 14:04:43

Date: 12.MAR.2022 14:15:24

Highest Channel / QPSK



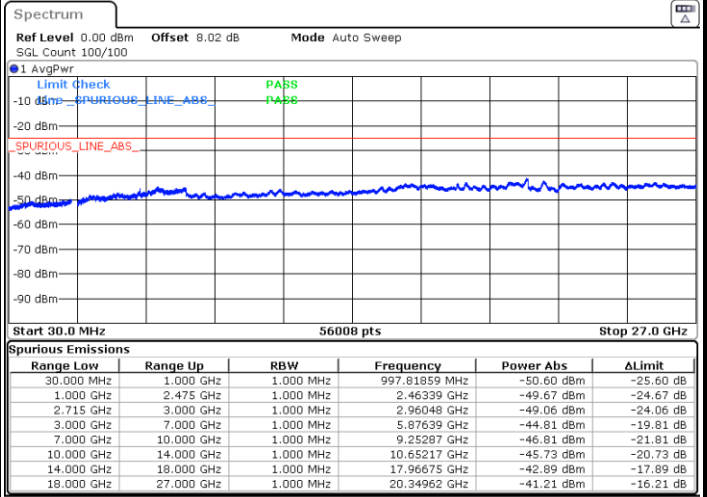
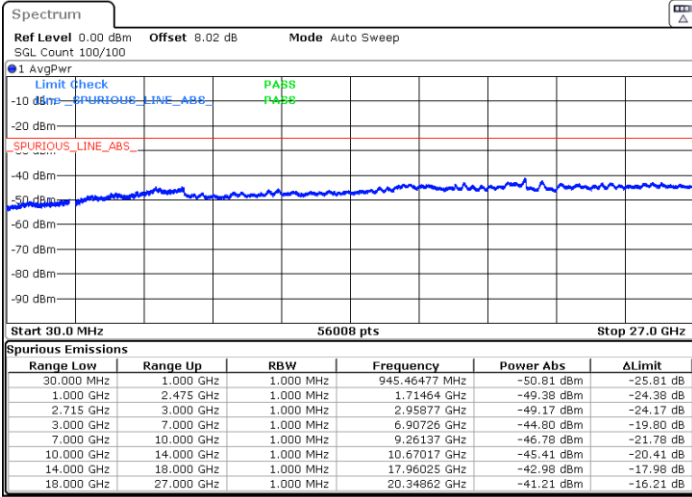
Date: 12.MAR.2022 14:17:00



LTE Band 41 / 15MHz

Lowest Channel / QPSK

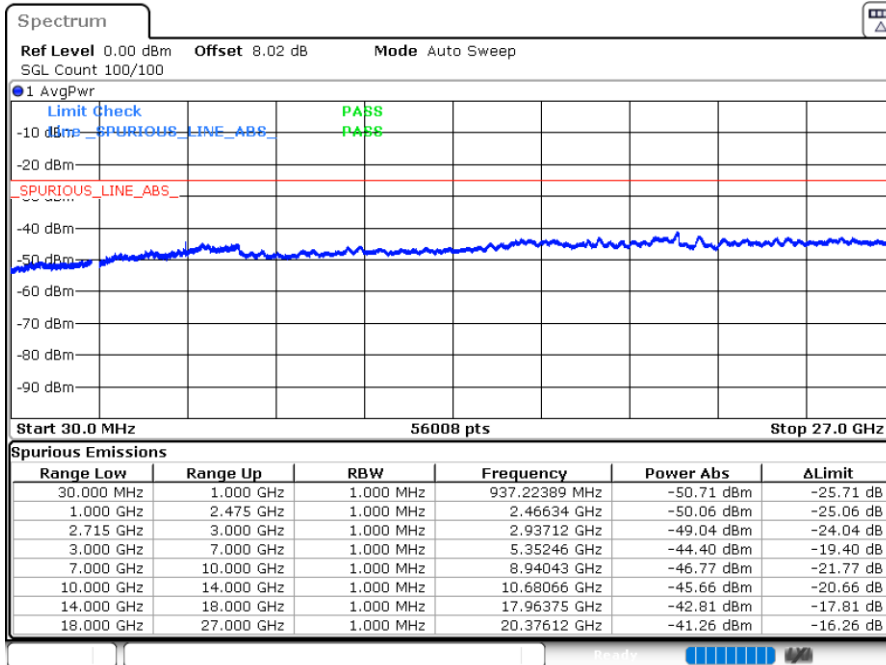
Middle Channel / QPSK



Date: 12.MAR.2022 14:23:58

Date: 12.MAR.2022 14:40:38

Highest Channel / QPSK



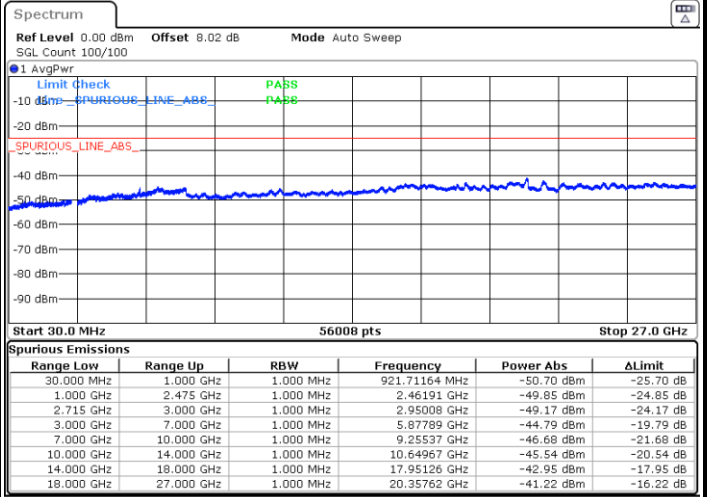
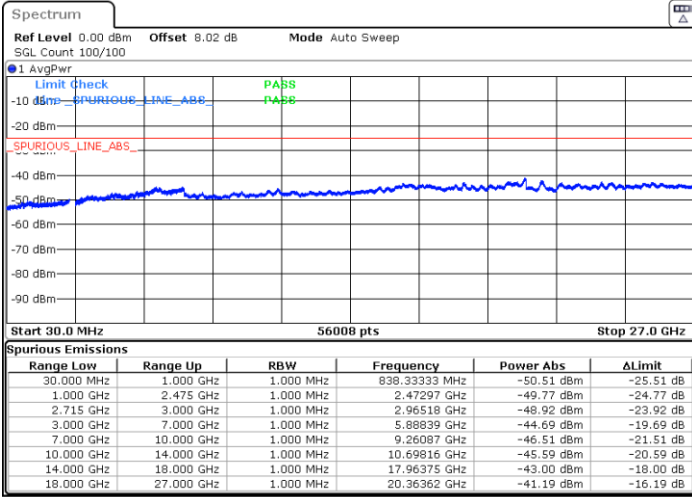
Date: 12.MAR.2022 14:43:44



LTE Band 41 / 20MHz

Lowest Channel / QPSK

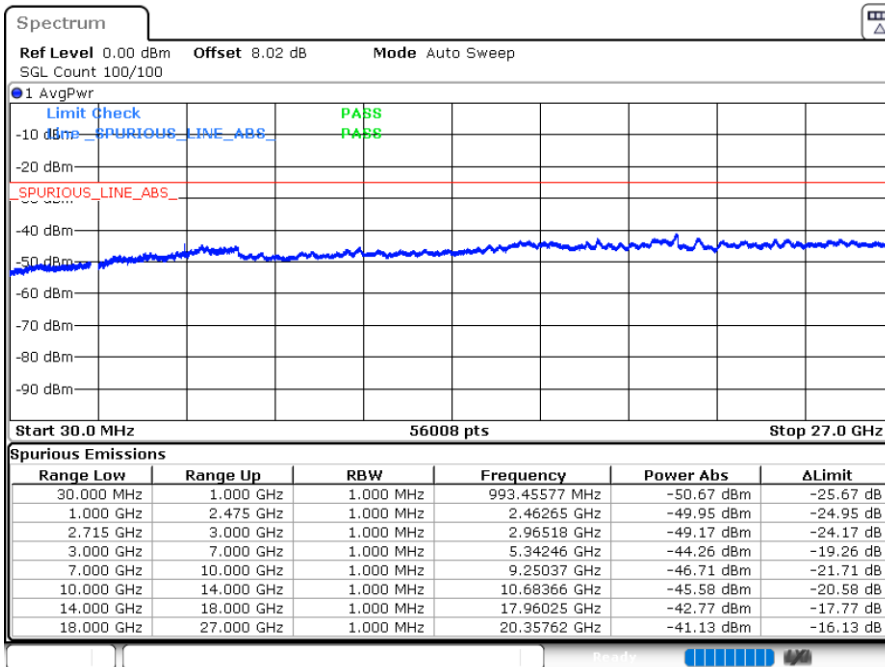
Middle Channel / QPSK



Date: 12.MAR.2022 14:53:53

Date: 12.MAR.2022 15:07:51

Highest Channel / QPSK



Date: 12.MAR.2022 15:16:41



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	0.0012	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0020	

Note:

- 9. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
- 10. 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 :	22~23°C
		Relative Humidity :	41~42%

LTE Band 2 / 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	3735	-55.25	-13	-42.25	-67.51	2.64	14.90	H
	5610	-54.41	-13	-41.41	-66.27	2.94	14.80	H
	7485	-51.84	-13	-38.84	-61.61	3.39	13.16	H
	3735	-54.36	-13	-41.36	-66.62	2.64	14.90	V
	5610	-54.16	-13	-41.16	-66.02	2.94	14.80	V
	7485	-51.62	-13	-38.62	-61.39	3.39	13.16	V

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

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)
Middle	3450	-57.52	-13	-44.52	-68.26	2.604	13.34	H
	5175	-53.71	-13	-40.71	-64.22	3.011	13.52	H
	6900	-53.58	-13	-40.58	-63.78	3.271	13.47	H
	3450	-57.42	-13	-44.42	-68.16	2.604	13.34	V
	5175	-53.82	-13	-40.82	-64.33	3.011	13.52	V
	6900	-53.68	-13	-40.68	-63.88	3.271	13.47	V

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

LTE Band 7 / 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)
Middle	5050	-56.37	-25	-31.37	-66.58	3.03	13.24	H
	7584	-48.56	-25	-23.56	-58.01	3.56	13.01	H
	10104	-61.60	-25	-36.60	-71.12	3.92	13.44	H
	5050	-56.12	-25	-31.12	-66.33	3.03	13.24	V
	7584	-53.93	-25	-28.93	-63.38	3.56	13.01	V
	10104	-62.95	-25	-37.95	-72.47	3.92	13.44	V

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



LTE Band 26 / 15MHz / 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)
Middle	1656	-65.31	-13	-52.31	-72.28	1.58	10.70	H
	2488	-54.67	-13	-41.67	-62.92	2.102	12.50	H
	3320	-60.44	-13	-47.44	-69.33	2.856	13.90	H
	1656	-64.73	-13	-51.73	-71.70	1.58	10.70	V
	2488	-56.23	-13	-43.23	-64.48	2.10	12.50	V
	3320	-60.64	-13	-47.64	-69.53	2.86	13.90	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	5160	-55.85	-25	-30.85	-66.06	3.03	13.24	H
	7755	-58.21	-25	-33.21	-67.66	3.56	13.01	H
	10335	-62.61	-25	-37.61	-72.13	3.92	13.44	H
	5160	-57.66	-25	-32.66	-67.87	3.03	13.24	V
	7755	-60.21	-25	-35.21	-69.66	3.56	13.01	V
	10335	-62.57	-25	-37.57	-72.09	3.92	13.44	V

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