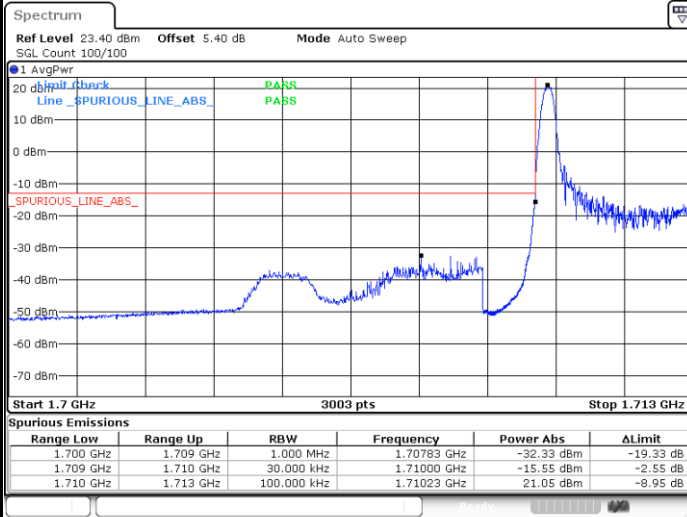




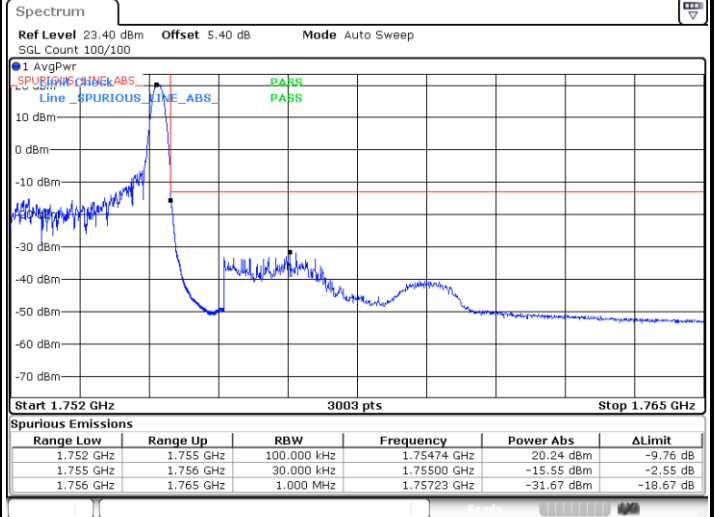
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



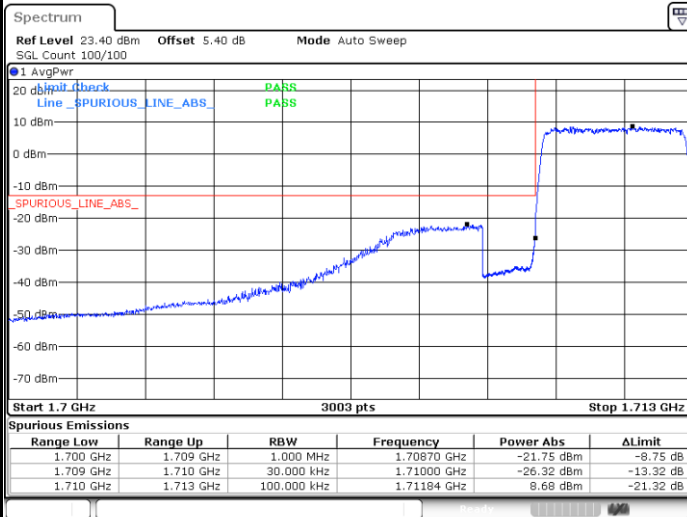
Date: 19.MAY.2022 18:33:44

Highest Band Edge / 1 RB



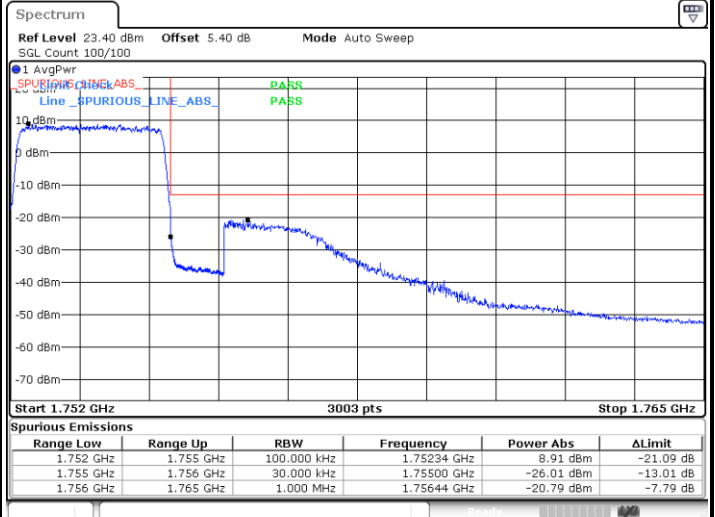
Date: 19.MAY.2022 18:43:55

Lowest Band Edge / Full RB



Date: 19.MAY.2022 18:41:10

Highest Band Edge / Full RB



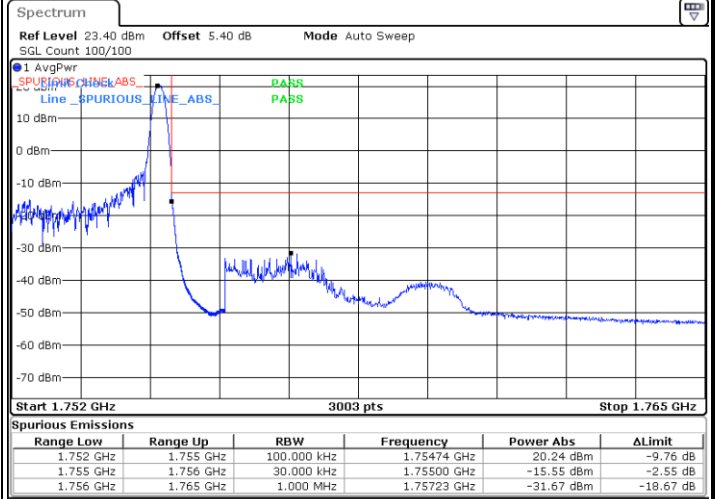
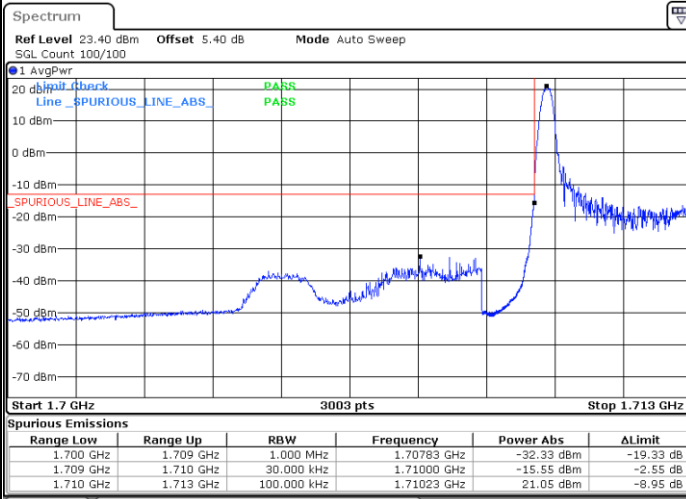
Date: 19.MAY.2022 18:51:21



LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

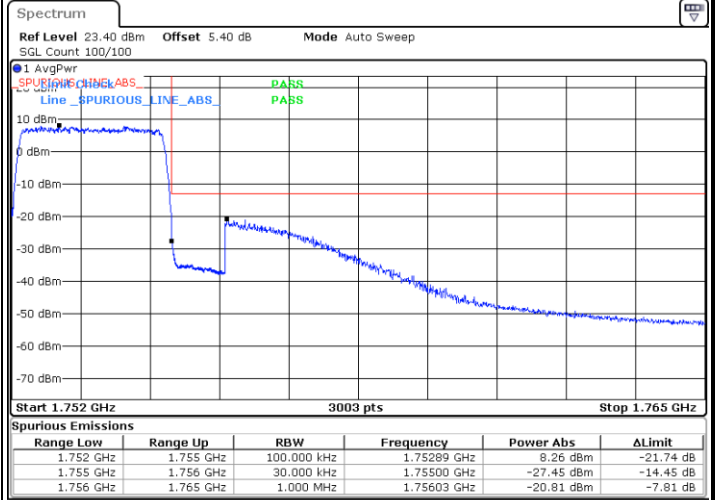
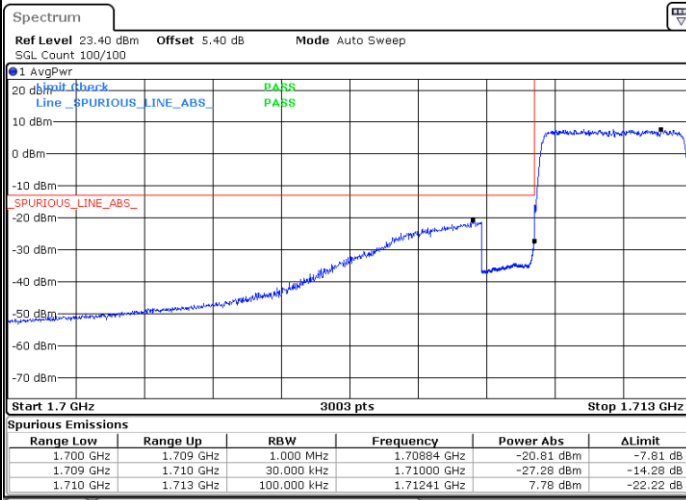


Date: 19.MAY.2022 18:33:44

Date: 19.MAY.2022 18:43:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



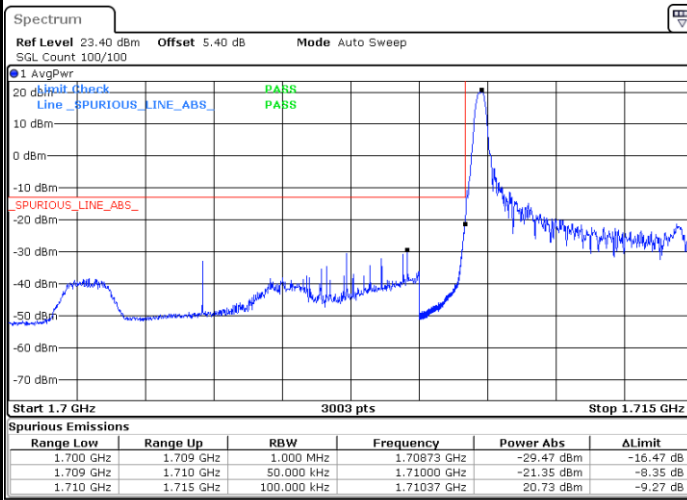
Date: 19.MAY.2022 18:39:41

Date: 19.MAY.2022 18:49:51



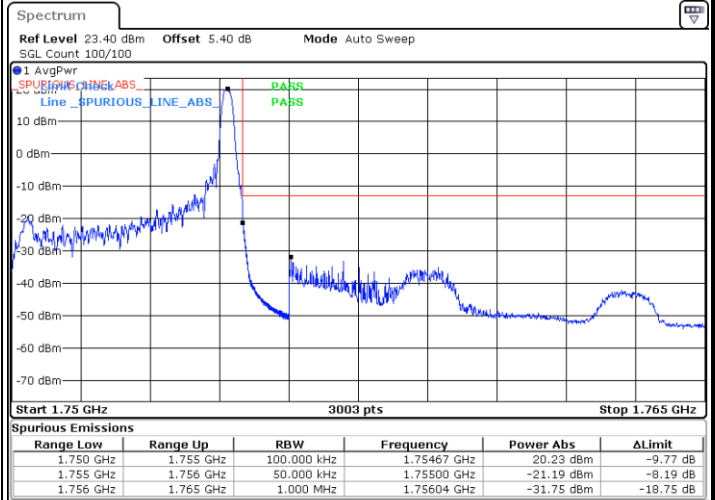
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



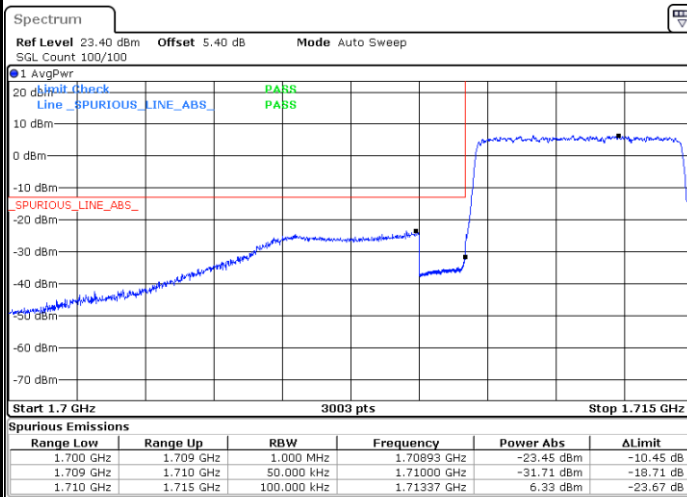
Date: 19.MAY.2022 18:53:27

Highest Band Edge / 1 RB



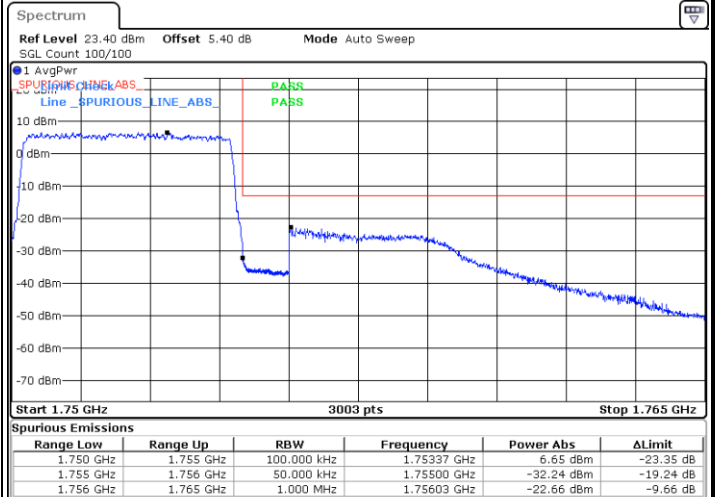
Date: 19.MAY.2022 19:03:36

Lowest Band Edge / Full RB



Date: 19.MAY.2022 19:00:51

Highest Band Edge / Full RB

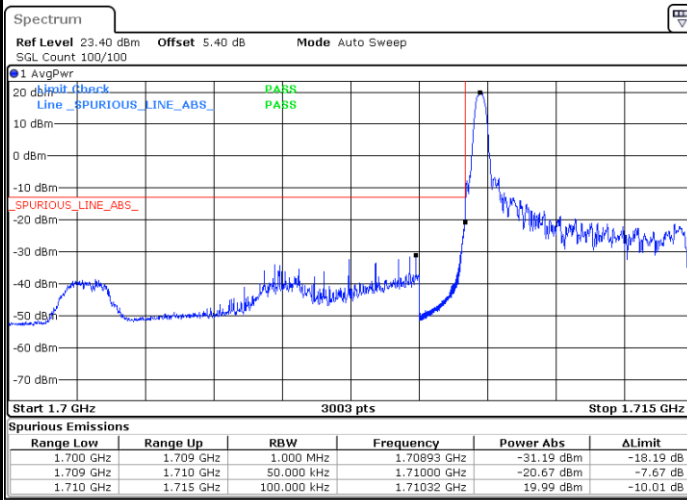


Date: 19.MAY.2022 19:11:00



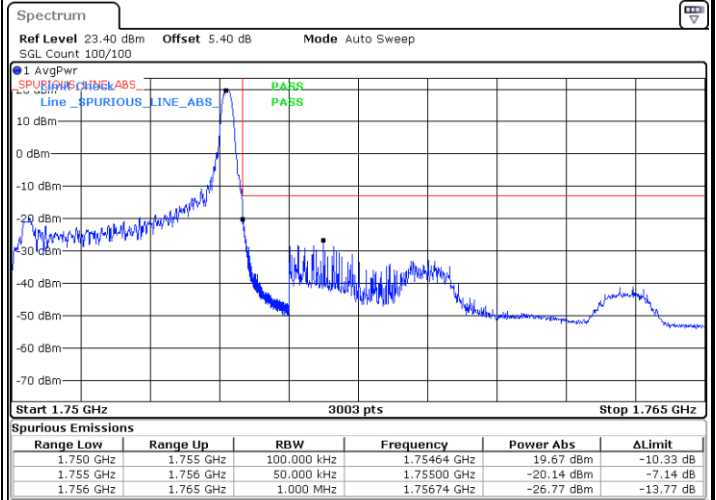
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



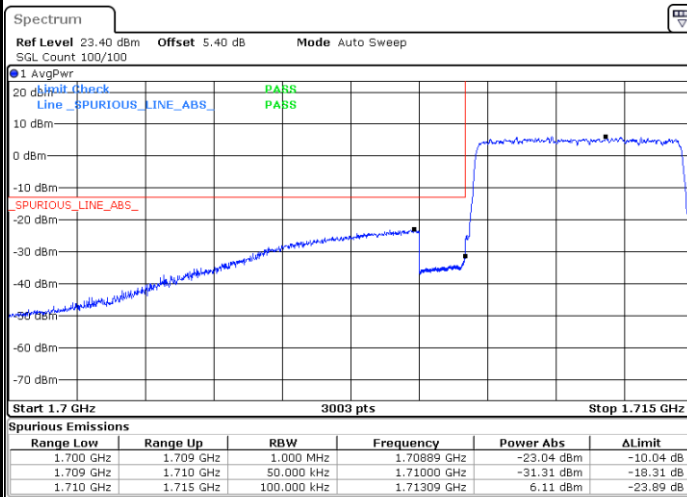
Date: 19.MAY.2022 18:54:56

Highest Band Edge / 1 RB



Date: 19.MAY.2022 19:05:05

Lowest Band Edge / Full RB



Date: 19.MAY.2022 18:59:22

Highest Band Edge / Full RB



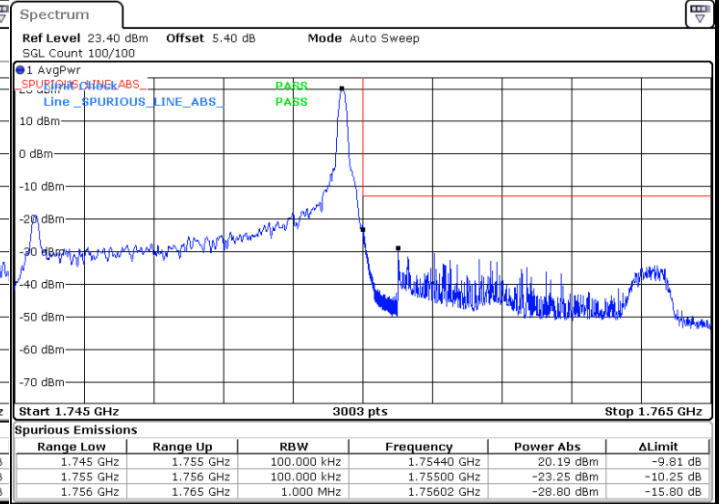
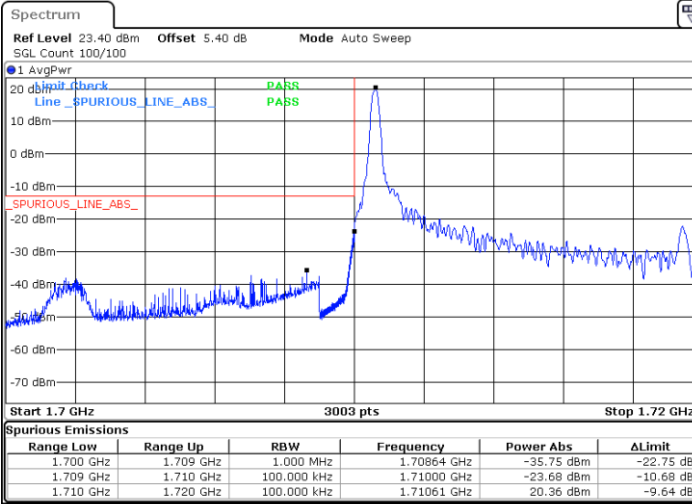
Date: 19.MAY.2022 19:09:32



LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

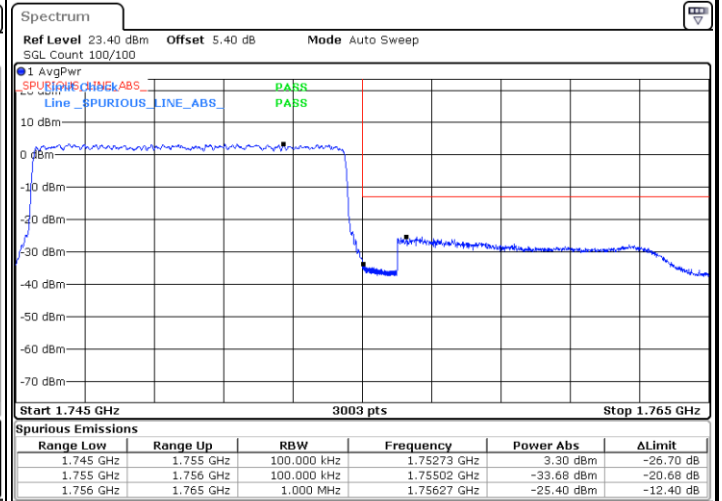
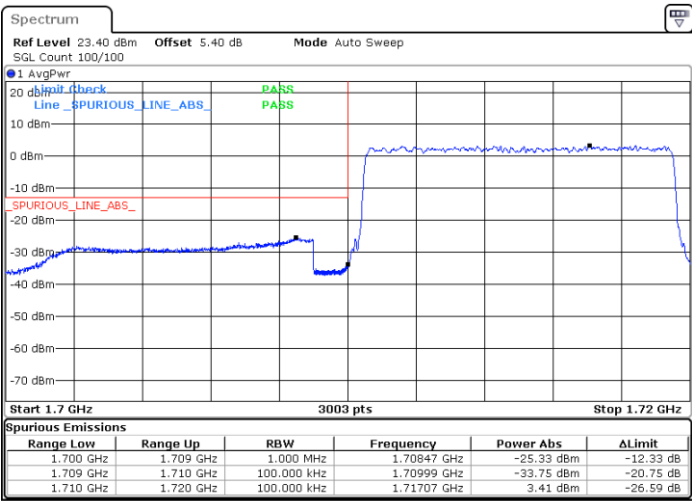


Date: 19.MAY.2022 19:13:07

Date: 19.MAY.2022 19:23:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



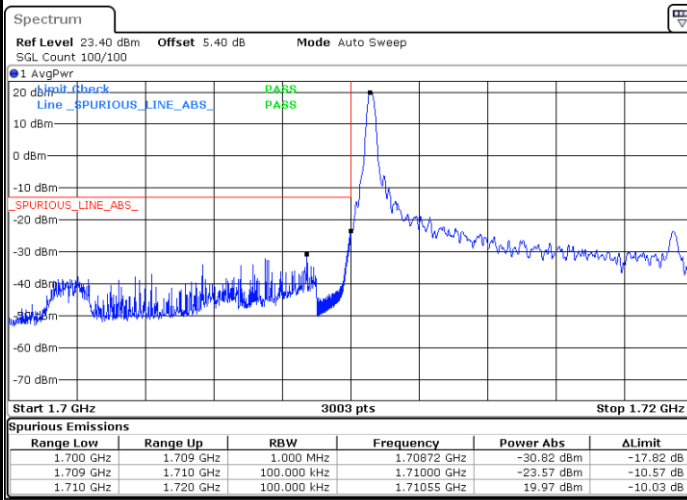
Date: 19.MAY.2022 19:20:31

Date: 19.MAY.2022 19:30:40



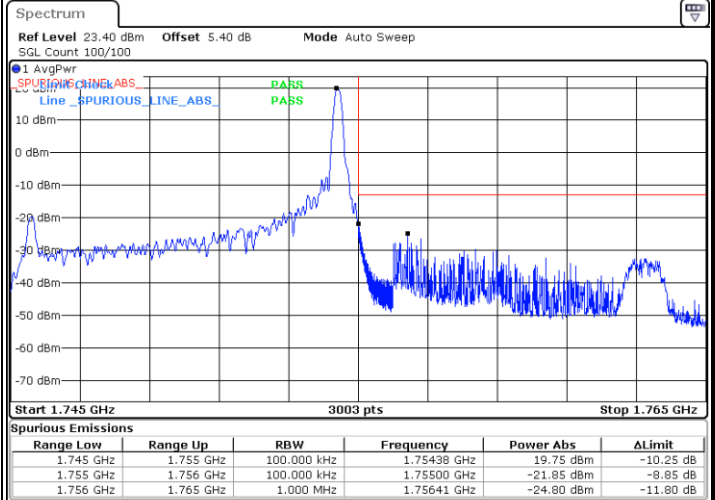
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



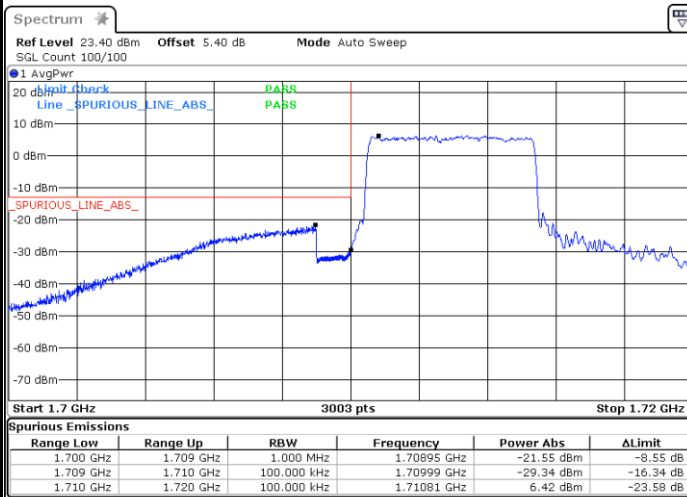
Date: 19.MAY.2022 19:14:36

Highest Band Edge / 1 RB



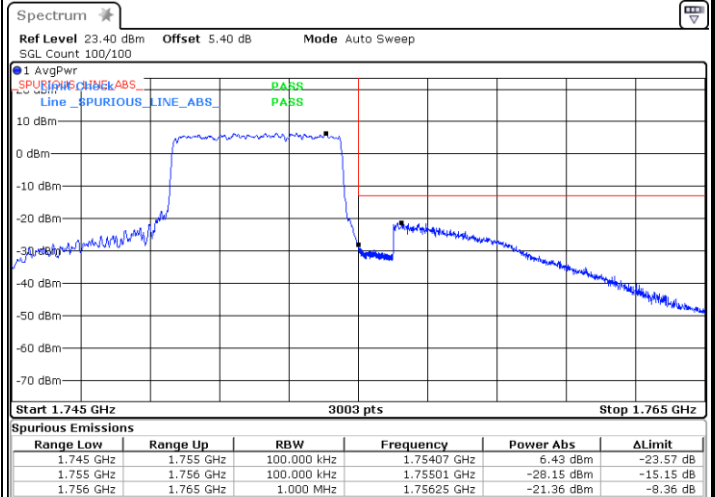
Date: 19.MAY.2022 19:24:44

Lowest Band Edge / Full RB



Date: 3.JUN.2022 05:31:18

Highest Band Edge / Full RB

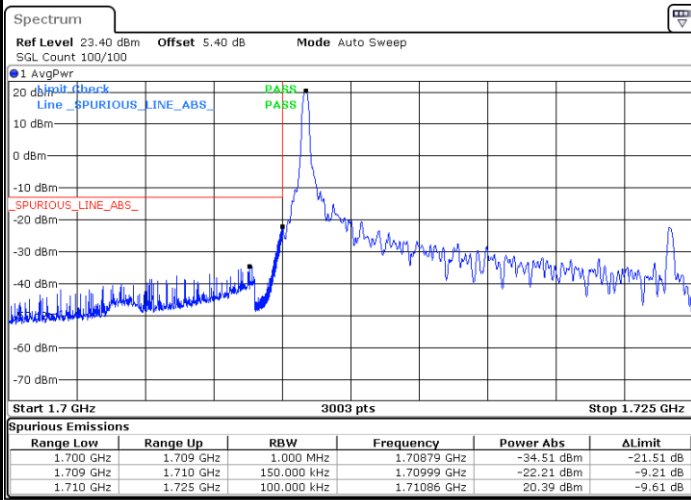


Date: 3.JUN.2022 05:32:09



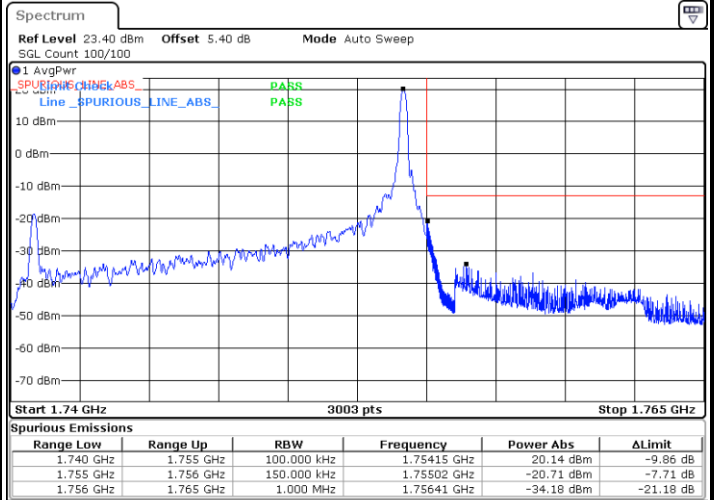
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



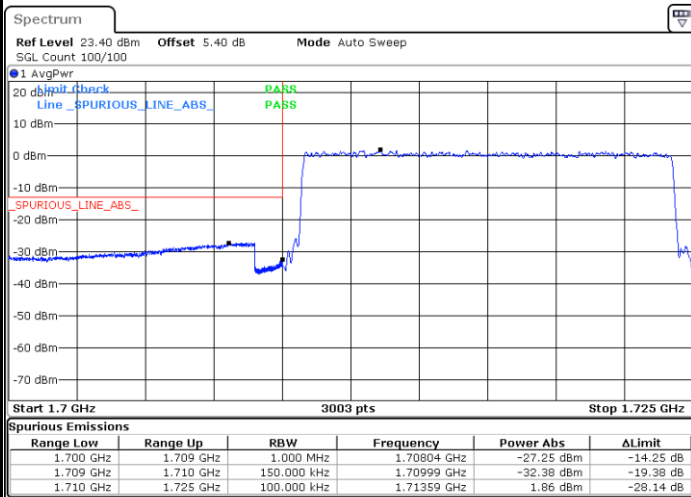
Date: 19.MAY.2022 19:32:46

Highest Band Edge / 1 RB



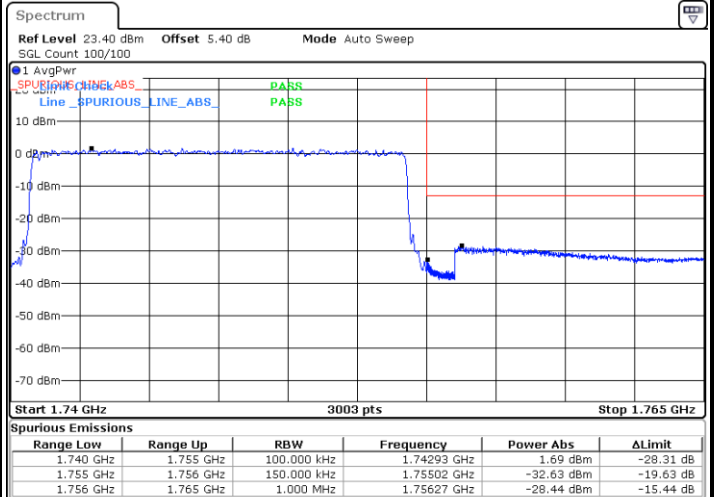
Date: 19.MAY.2022 19:42:54

Lowest Band Edge / Full RB



Date: 19.MAY.2022 19:40:10

Highest Band Edge / Full RB

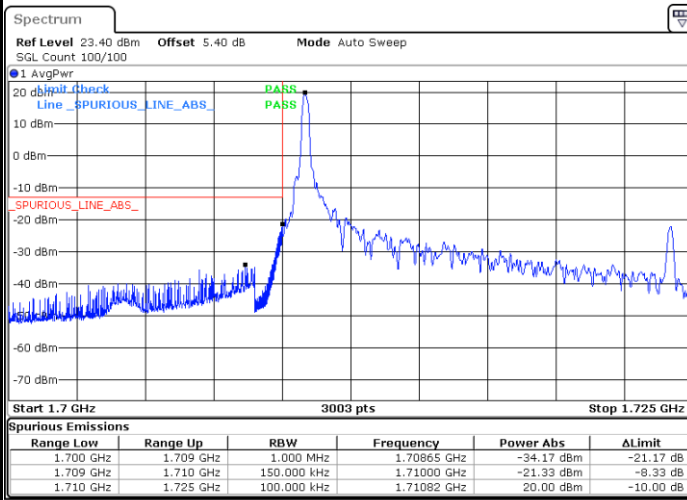


Date: 19.MAY.2022 19:50:17



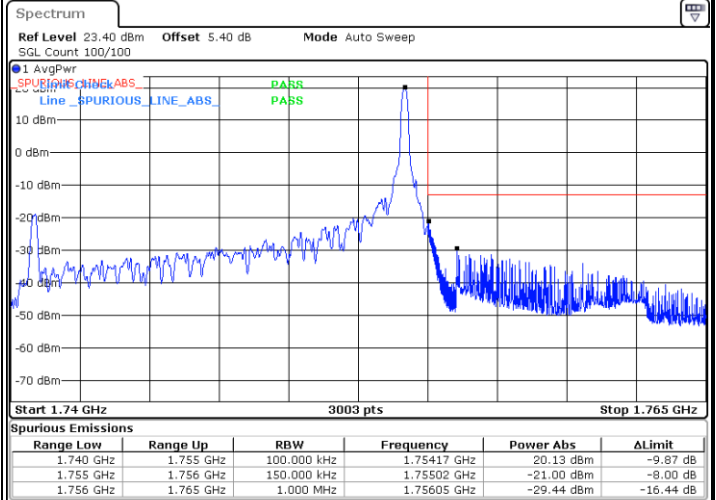
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



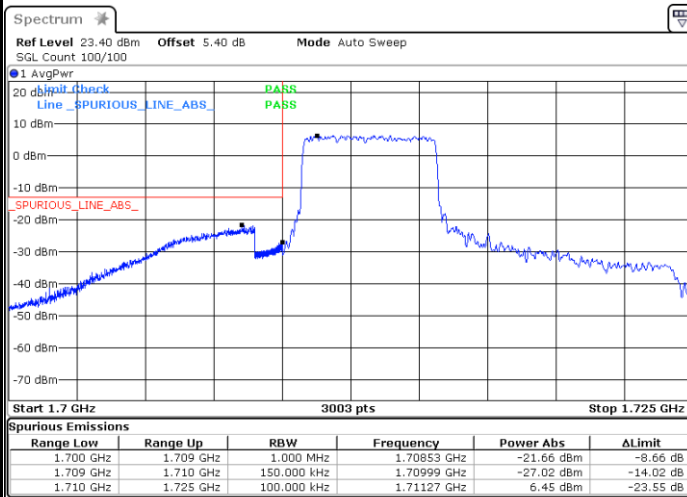
Date: 19.MAY.2022 19:34:15

Highest Band Edge / 1 RB



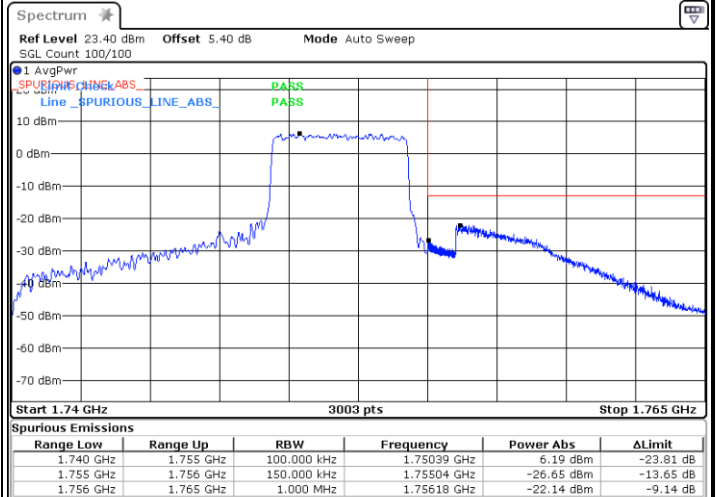
Date: 19.MAY.2022 19:44:22

Lowest Band Edge / Full RB



Date: 3.JUN.2022 05:34:26

Highest Band Edge / Full RB

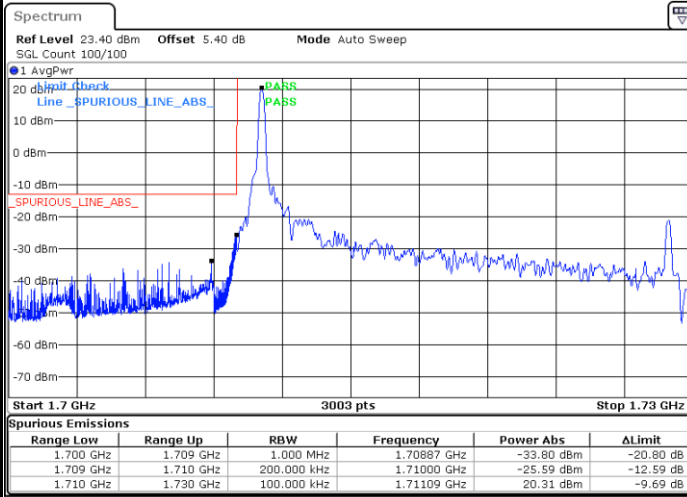


Date: 3.JUN.2022 05:35:06

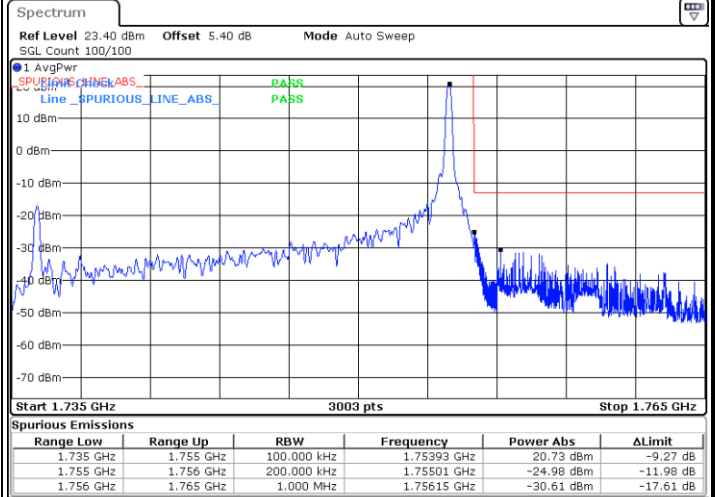


LTE Band 4 / 20MHz / QPSK

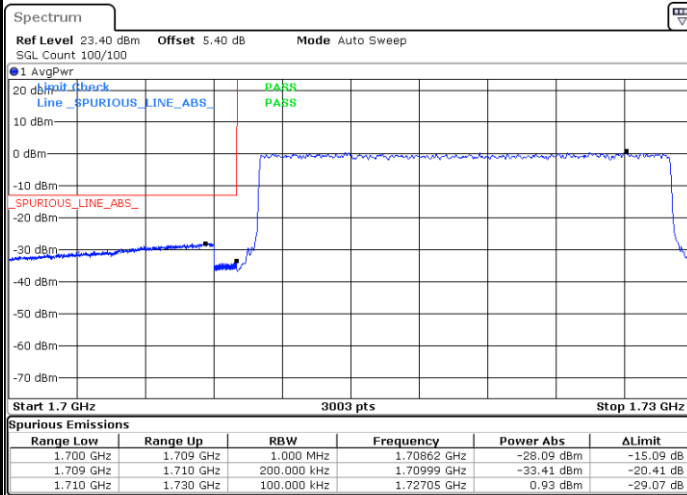
Lowest Band Edge / 1 RB



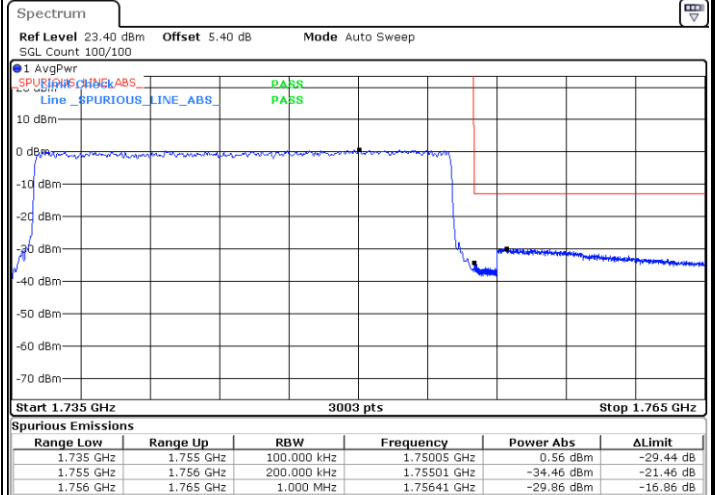
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



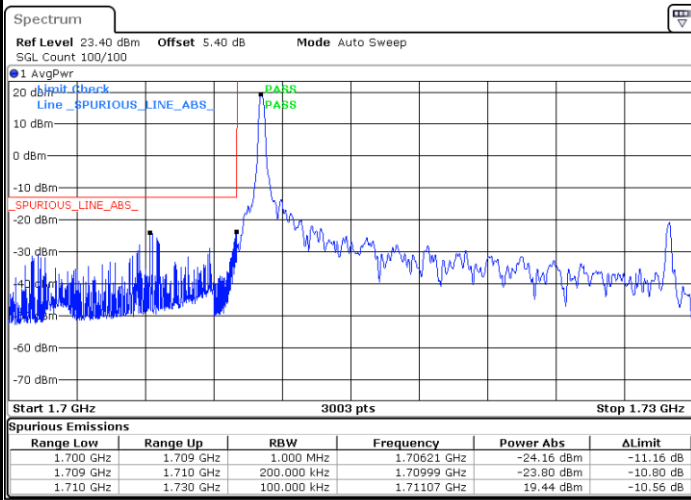
Highest Band Edge / Full RB





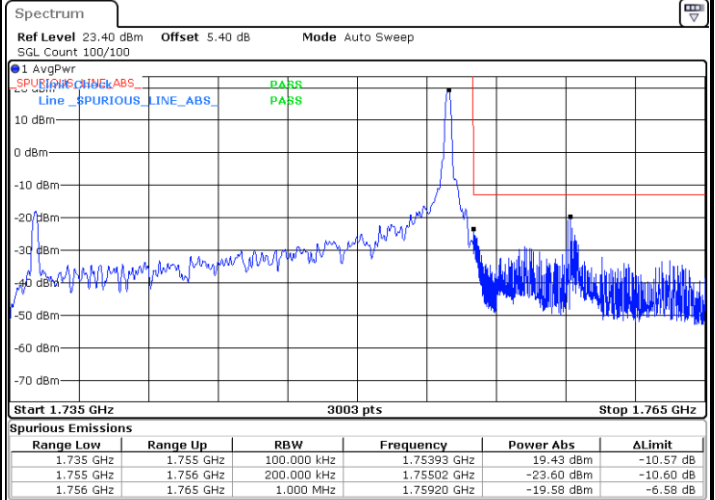
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



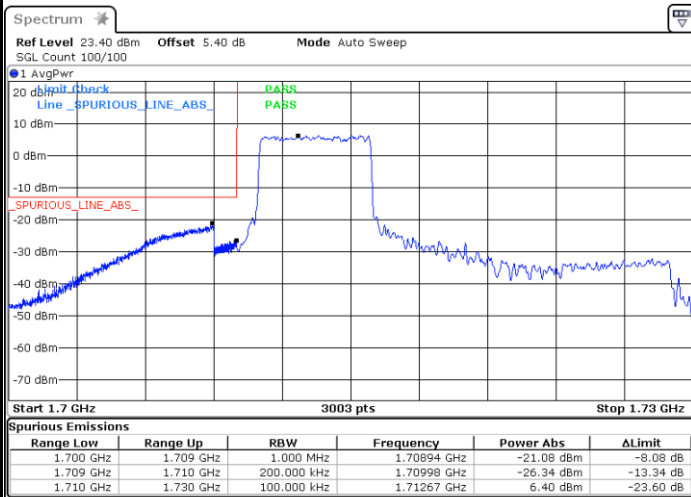
Date: 19.MAY.2022 19:53:52

Highest Band Edge / 1 RB



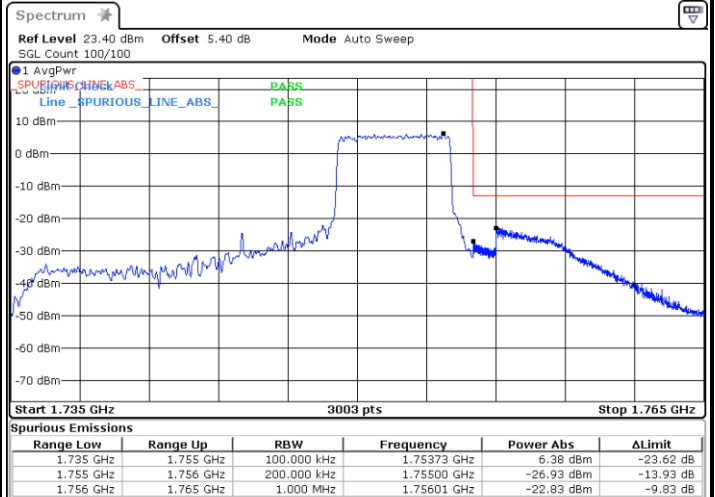
Date: 19.MAY.2022 20:04:00

Lowest Band Edge / Full RB



Date: 3.JUN.2022 05:41:10

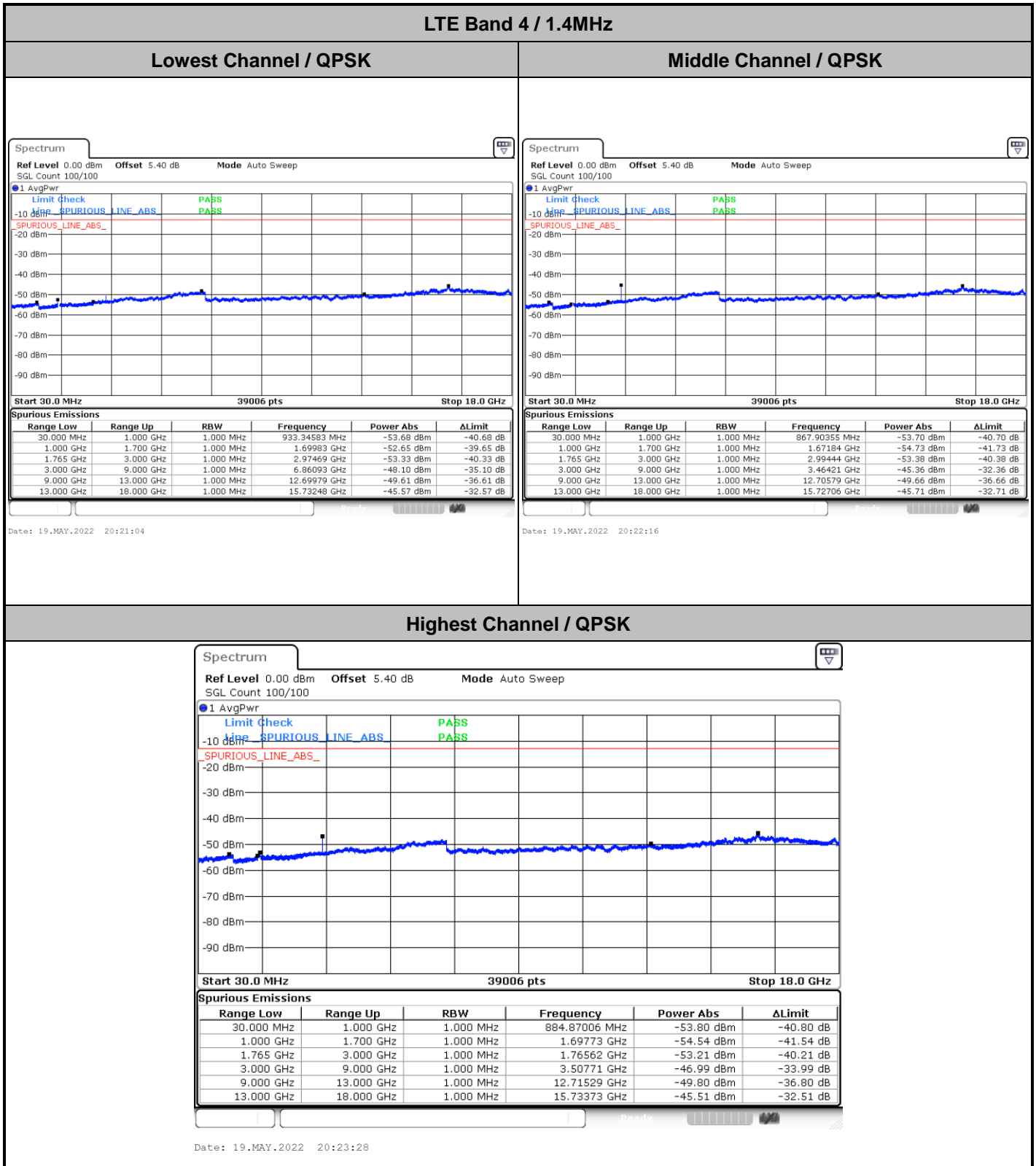
Highest Band Edge / Full RB



Date: 3.JUN.2022 05:40:35



Conducted Spurious Emission

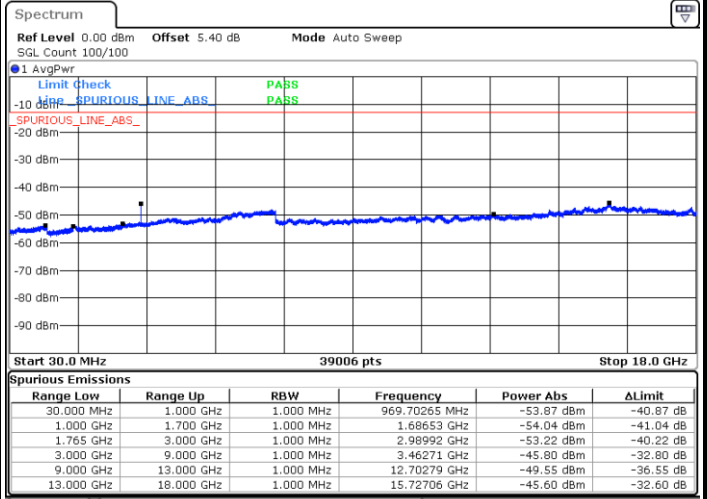
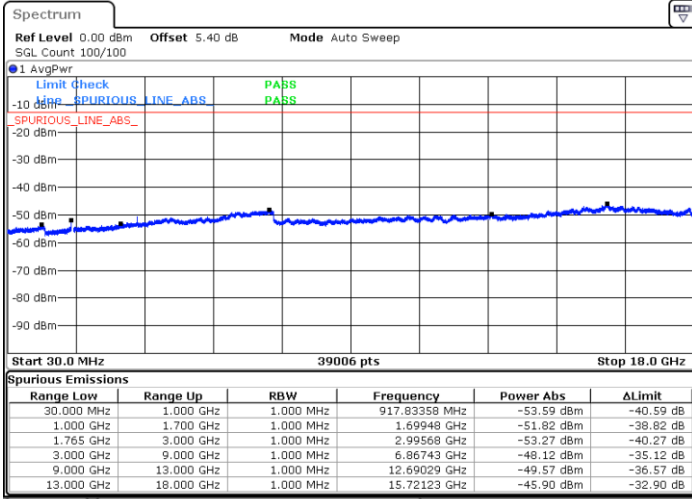




LTE Band 4 / 3MHz

Lowest Channel / QPSK

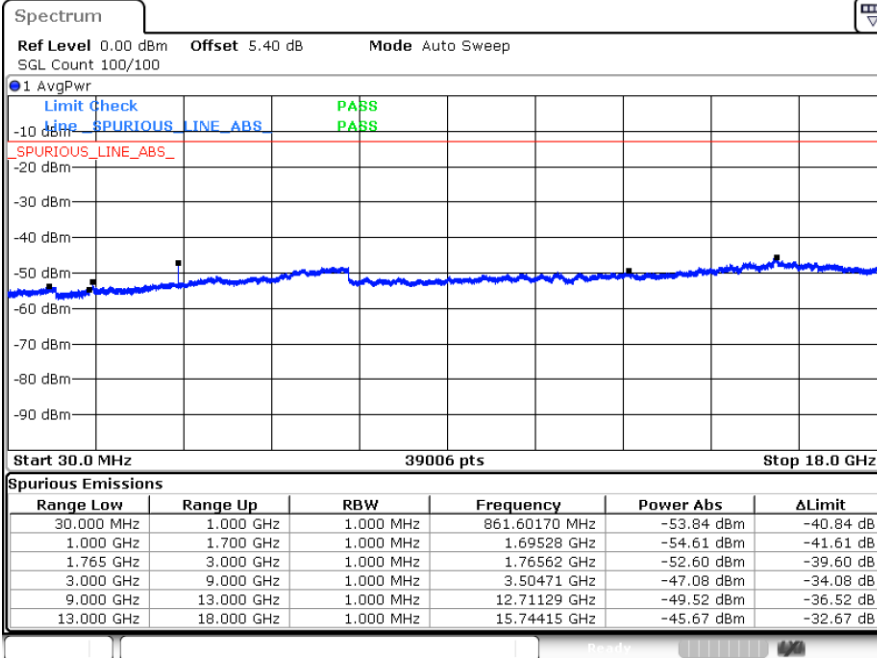
Middle Channel / QPSK



Date: 19.MAY.2022 20:24:40

Date: 19.MAY.2022 20:25:52

Highest Channel / QPSK



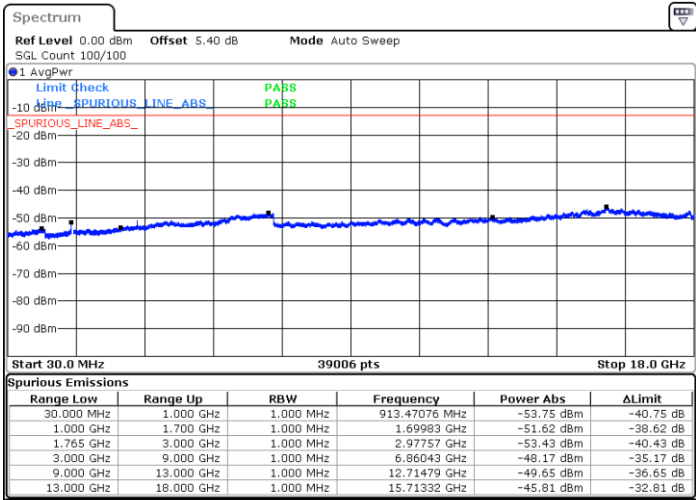
Date: 19.MAY.2022 20:27:03



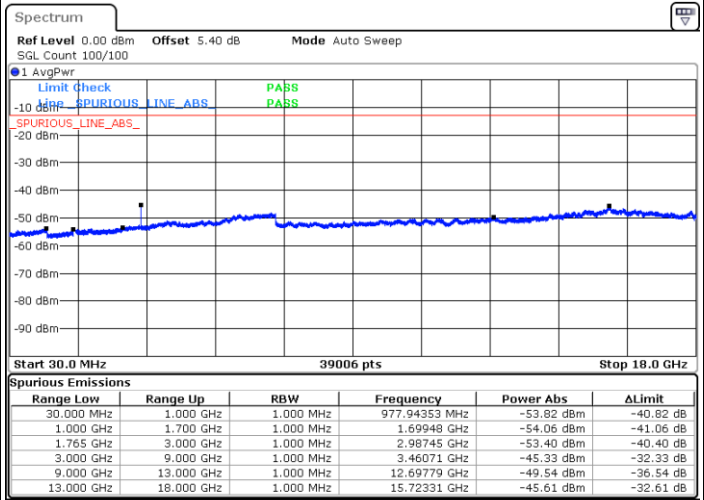
LTE Band 4 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

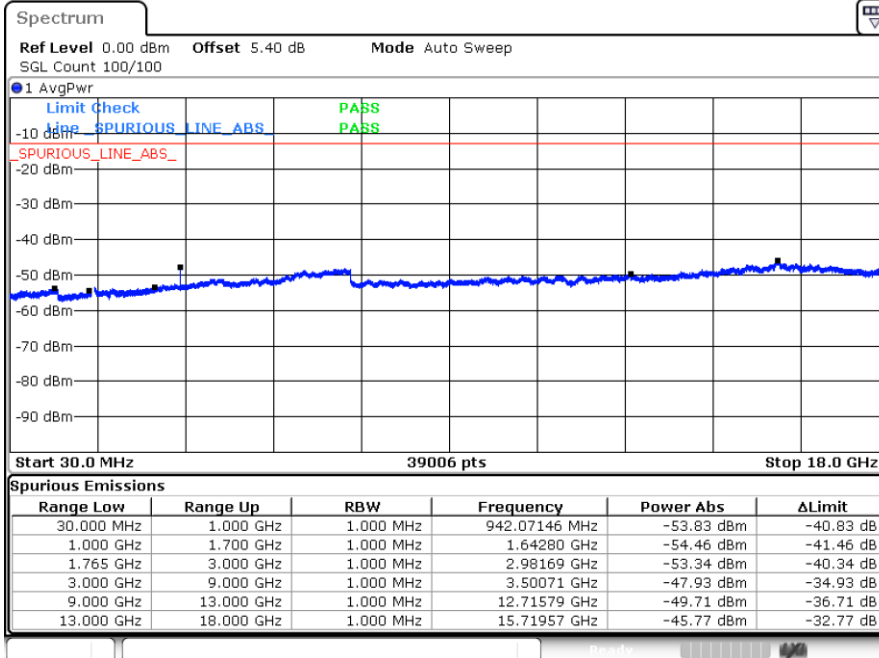


Date: 19.MAY.2022 20:28:16



Date: 19.MAY.2022 20:29:27

Highest Channel / QPSK



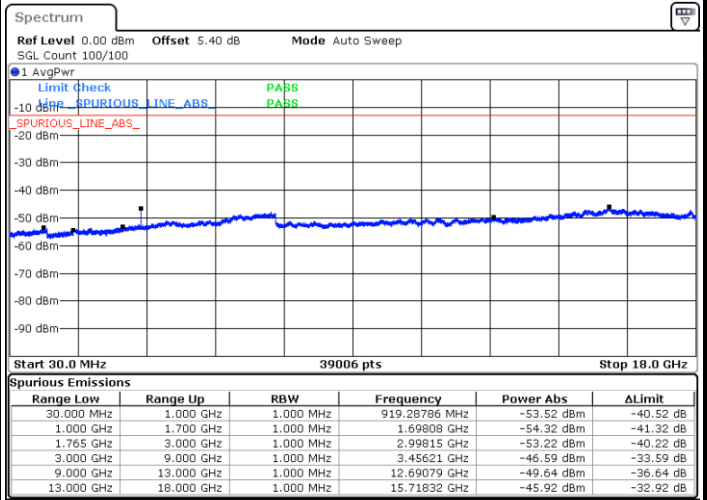
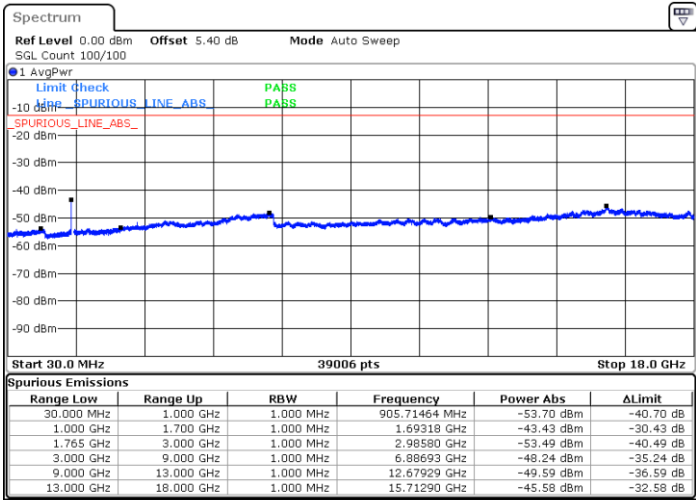
Date: 19.MAY.2022 20:30:39



LTE Band 4 / 10MHz

Lowest Channel / QPSK

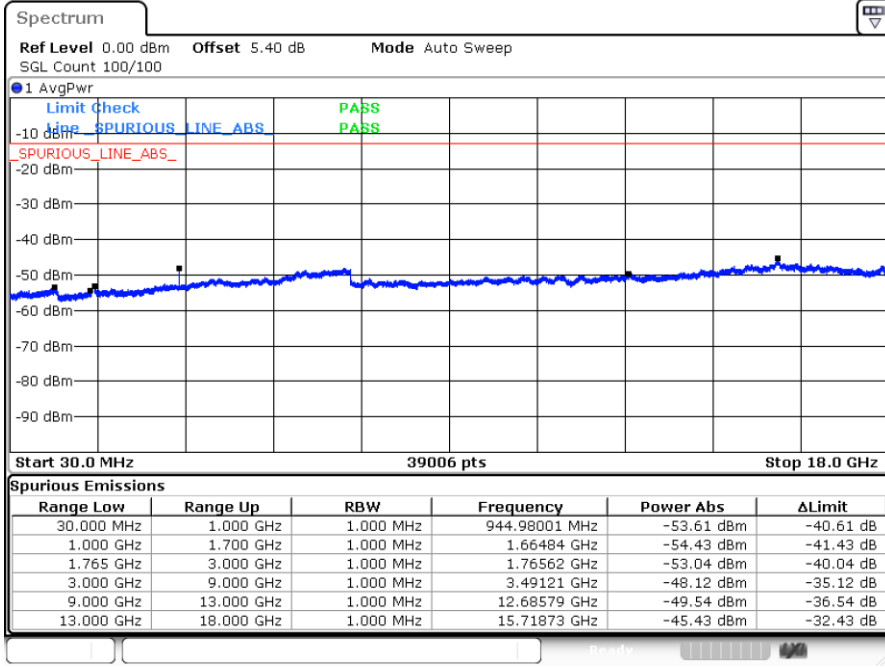
Middle Channel / QPSK



Date: 19.MAY.2022 20:31:52

Date: 19.MAY.2022 20:33:03

Highest Channel / QPSK



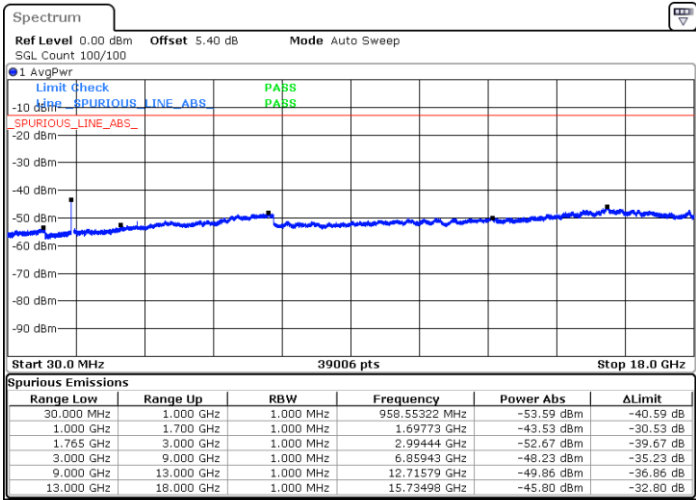
Date: 19.MAY.2022 20:34:15



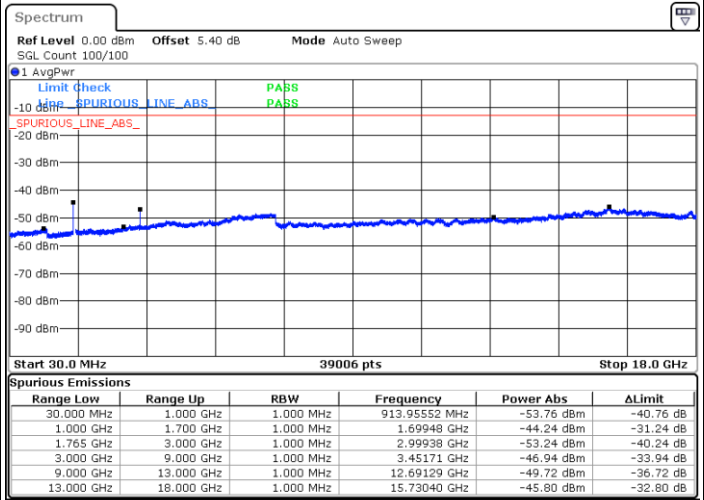
LTE Band 4 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

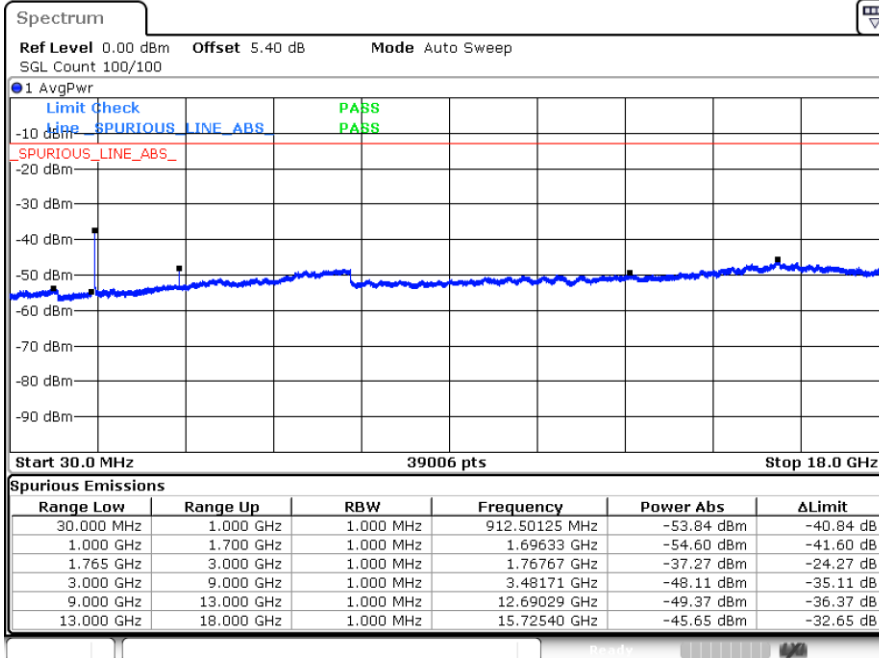


Date: 19.MAY.2022 20:35:27



Date: 19.MAY.2022 20:36:39

Highest Channel / QPSK



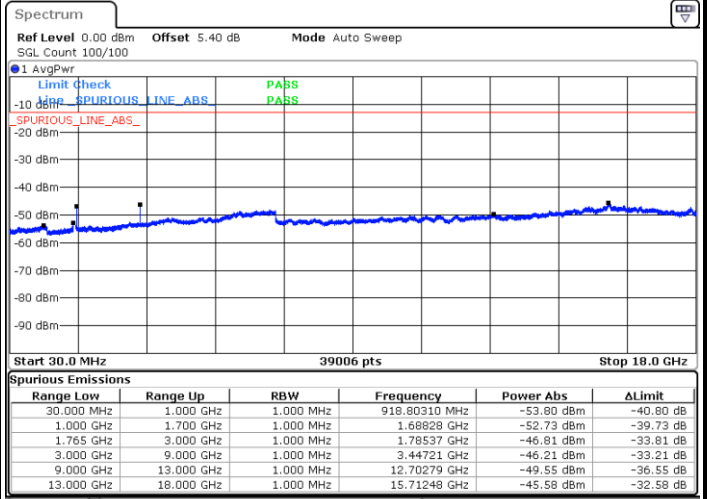
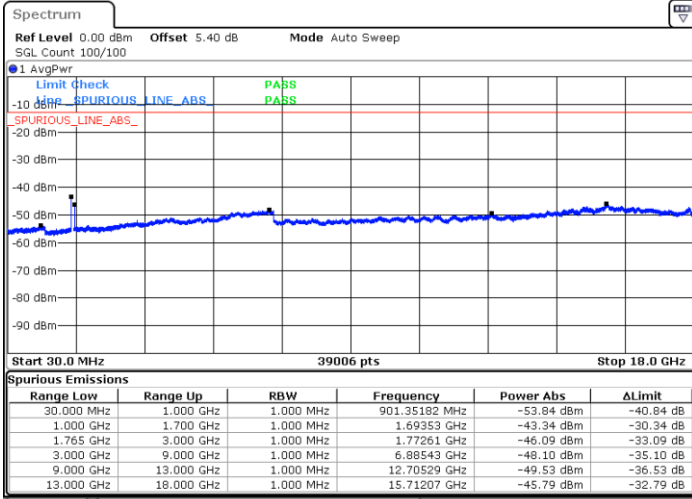
Date: 19.MAY.2022 20:37:51



LTE Band 4 / 20MHz

Lowest Channel / QPSK

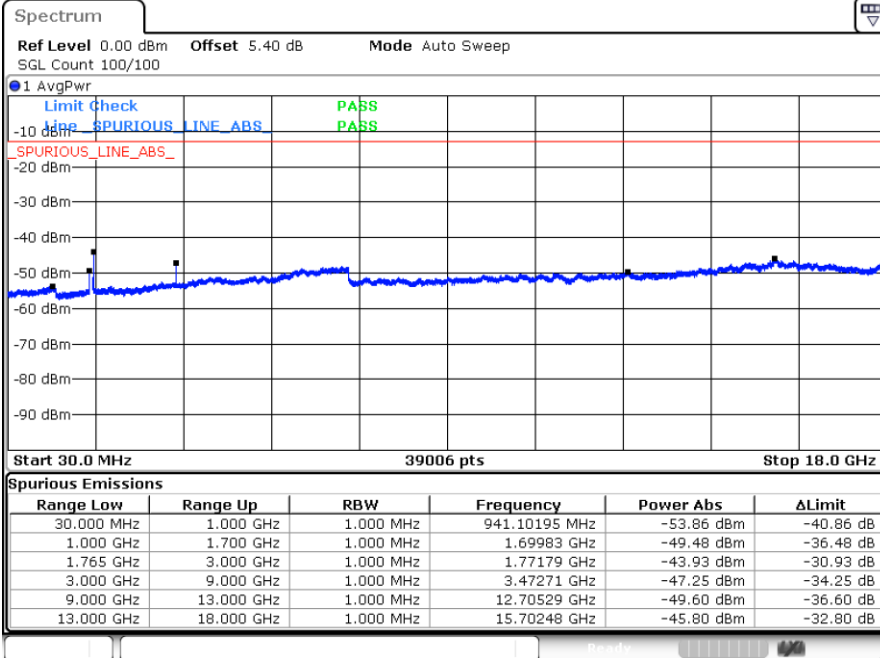
Middle Channel / QPSK



Date: 19.MAY.2022 20:18:57

Date: 19.MAY.2022 20:39:03

Highest Channel / QPSK



Date: 19.MAY.2022 20:40:15



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
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	0.0014	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 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 :	Levi Zhuo	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	-44.34	-13	-31.34	-56.60	2.64	14.90	H
	5610	-51.85	-13	-38.85	-63.71	2.94	14.80	H
	7485	-43.44	-13	-30.44	-53.21	3.39	13.16	H
	3735	-44.93	-13	-31.93	-57.19	2.64	14.90	V
	5610	-46.87	-13	-33.87	-58.73	2.94	14.80	V
	7485	-42.02	-13	-29.02	-51.79	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)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3450	-45.67	-13	-32.67	-56.41	2.604	13.34	H
	5175	-54.29	-13	-41.29	-64.80	3.011	13.52	H
	6900	-50.18	-13	-37.18	-60.38	3.271	13.47	H
	3450	-46.86	-13	-33.86	-57.60	2.604	13.34	V
	5175	-53.17	-13	-40.17	-63.68	3.011	13.52	V
	6900	-47.31	-13	-34.31	-57.51	3.271	13.47	V

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



LTE Band 5 / 10MHz / 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	1664	-66.09	-13	-53.09	-73.06	1.58	10.70	H
	2496	-61.05	-13	-48.05	-69.30	2.102	12.50	H
	3328	-60.71	-13	-47.71	-69.60	2.856	13.90	H
	1664	-65.24	-13	-52.24	-72.21	1.58	10.70	V
	2496	-60.00	-13	-47.00	-68.25	2.10	12.50	V
	3328	-60.83	-13	-47.83	-69.72	2.86	13.90	V

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

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	-45.07	-25	-20.07	-55.28	3.03	13.24	H
	7576	-43.22	-25	-18.22	-52.67	3.56	13.01	H
	10100	-53.16	-25	-28.16	-62.68	3.92	13.44	H
	5052	-49.19	-25	-24.19	-59.40	3.03	13.24	V
	7576	-47.37	-25	-22.37	-56.82	3.56	13.01	V
	10100	-51.58	-25	-26.58	-61.10	3.92	13.44	V

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



Appendix D. Reference Report

Please refer to Sporton report number FG241202B which is issued separately.