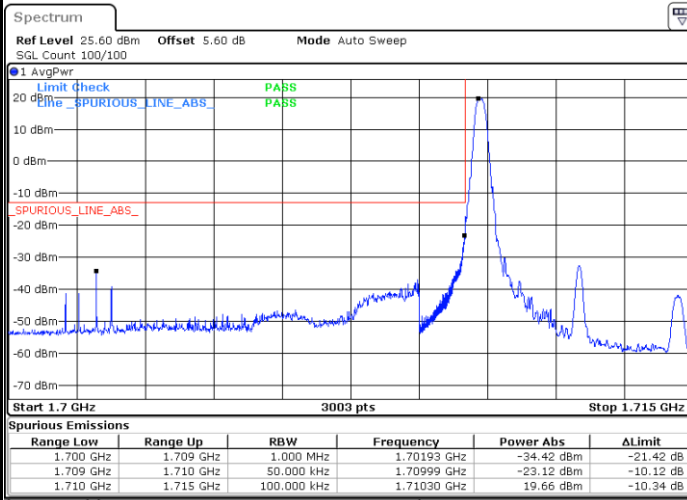




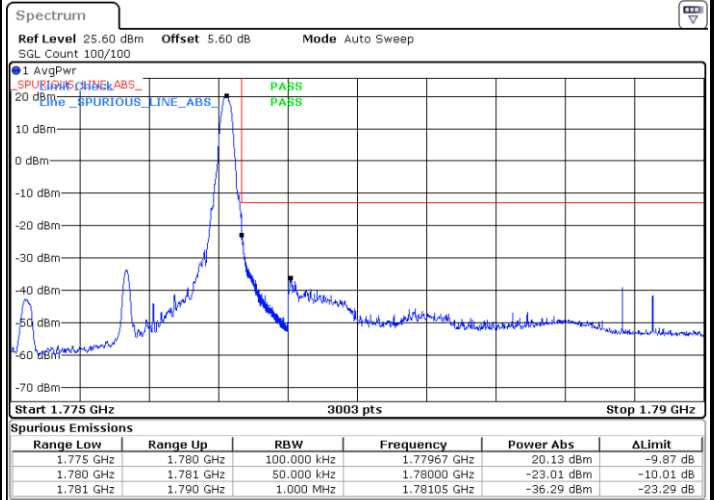
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



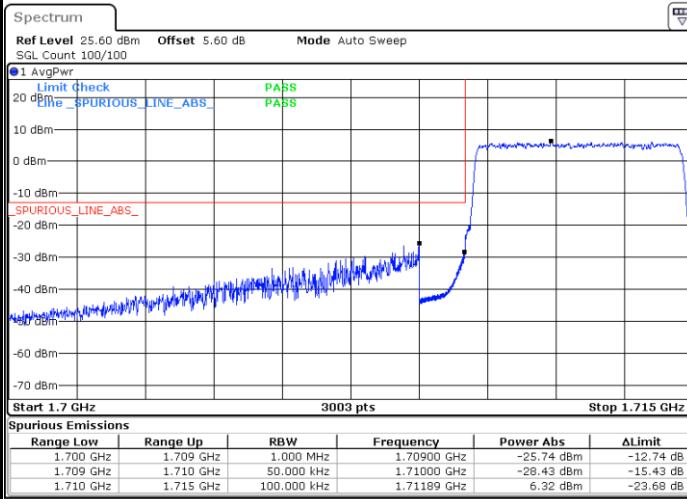
Date: 29 JUN.2022 14:44:04

Highest Band Edge / 1 RB



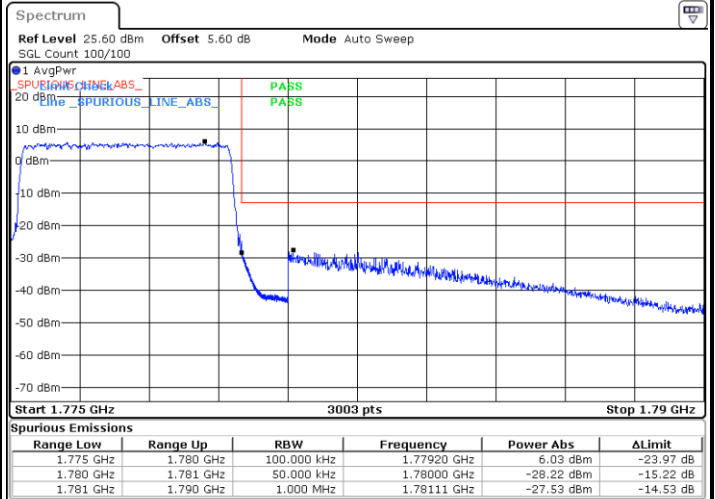
Date: 29 JUN.2022 14:59:12

Lowest Band Edge / Full RB



Date: 29 JUN.2022 14:49:06

Highest Band Edge / Full RB

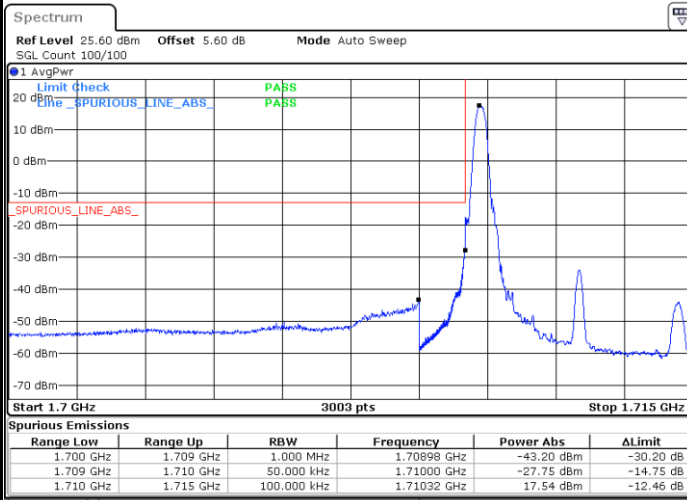


Date: 29 JUN.2022 15:03:19



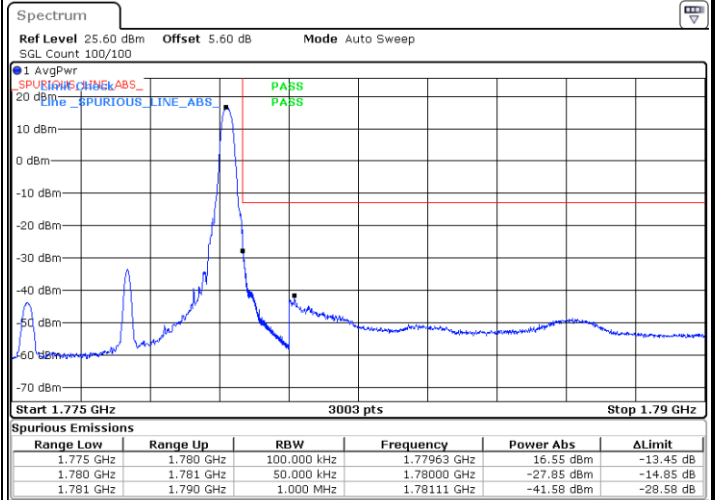
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



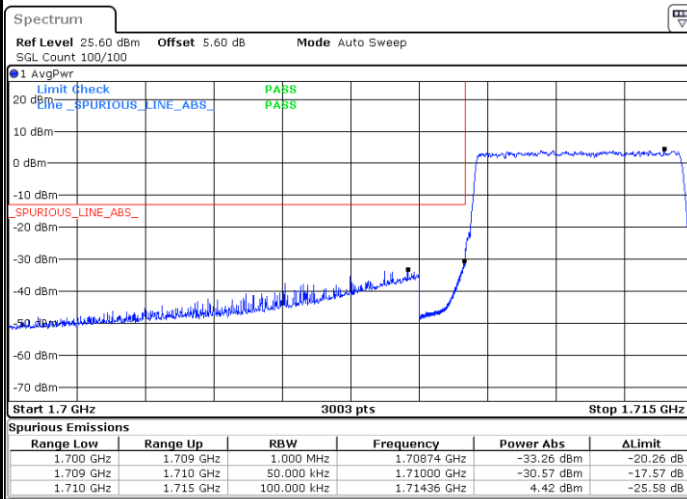
Date: 29 JUN.2022 14:45:24

Highest Band Edge / 1 RB



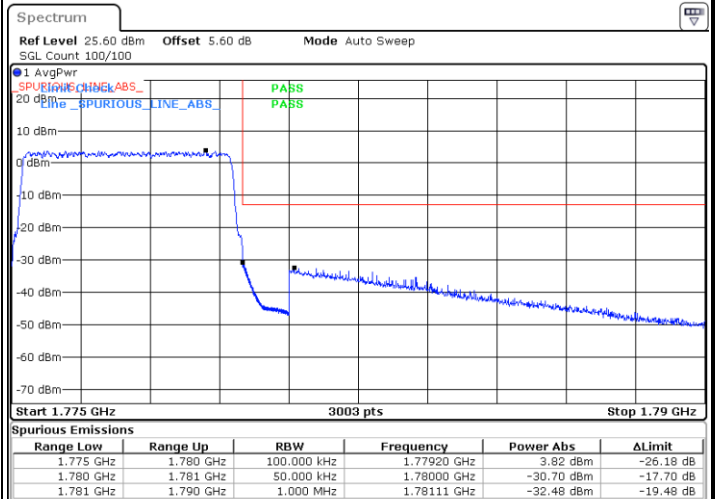
Date: 29 JUN.2022 15:00:33

Lowest Band Edge / Full RB



Date: 29 JUN.2022 14:47:43

Highest Band Edge / Full RB

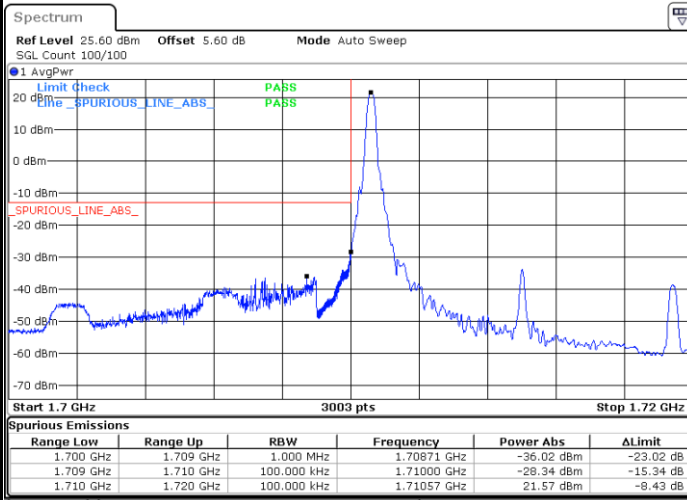


Date: 29 JUN.2022 15:01:56



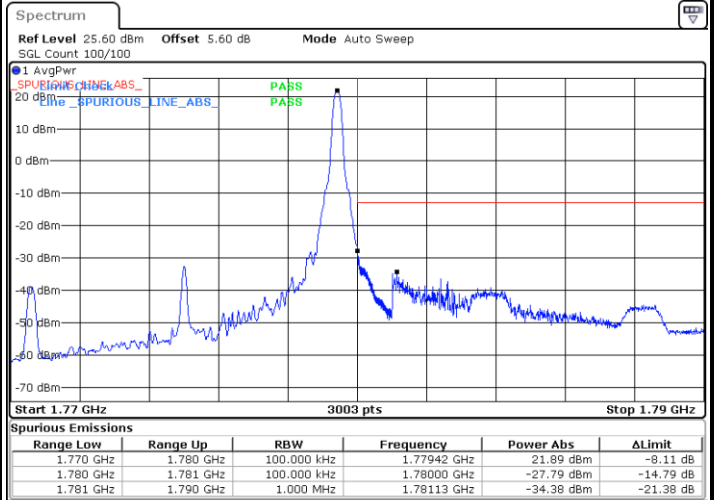
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



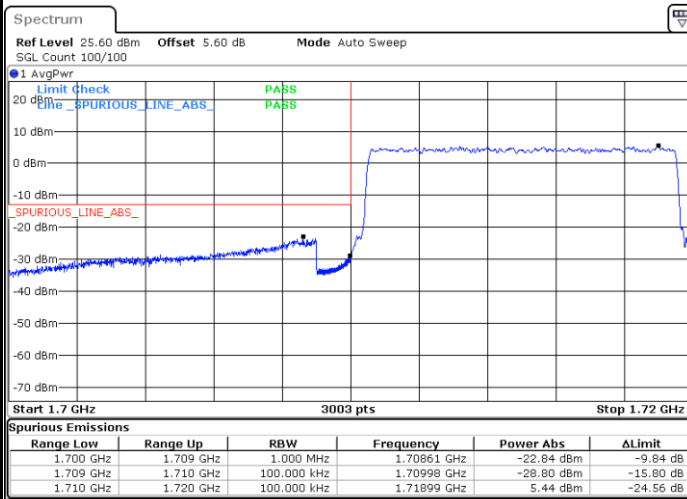
Date: 29 JUN.2022 15:09:01

Highest Band Edge / 1 RB



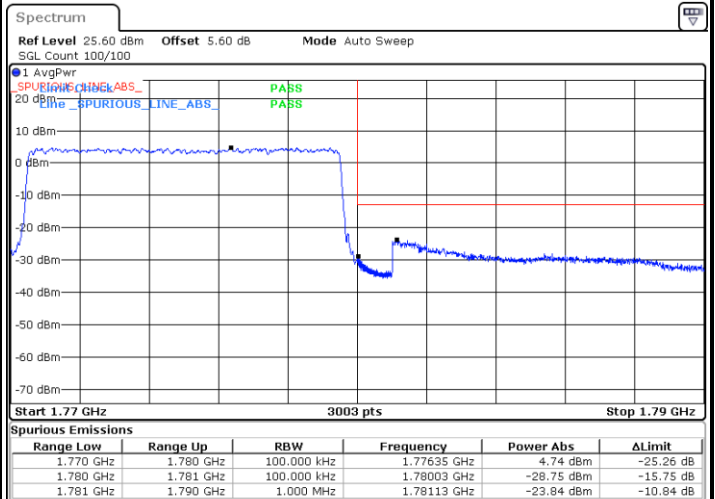
Date: 29 JUN.2022 15:39:10

Lowest Band Edge / Full RB



Date: 29 JUN.2022 15:34:29

Highest Band Edge / Full RB

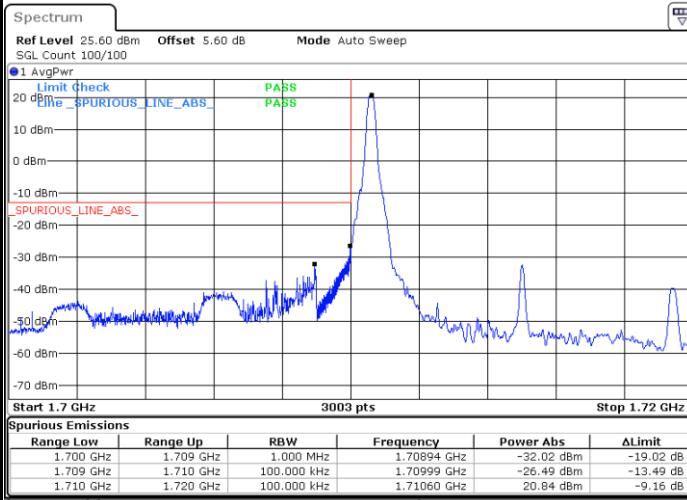


Date: 29 JUN.2022 15:48:40



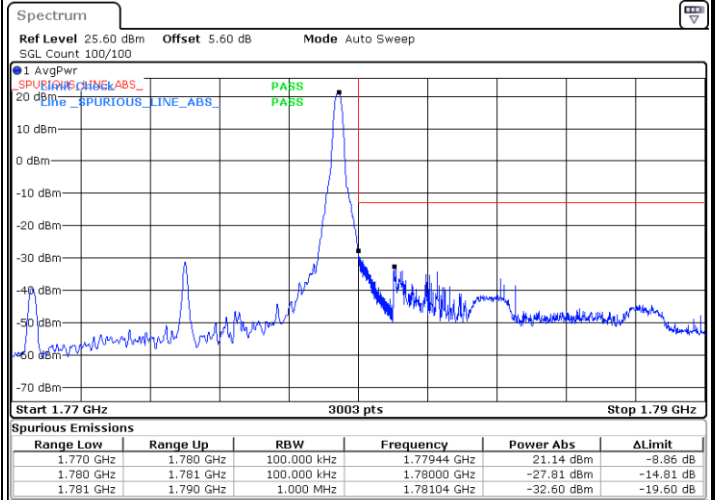
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



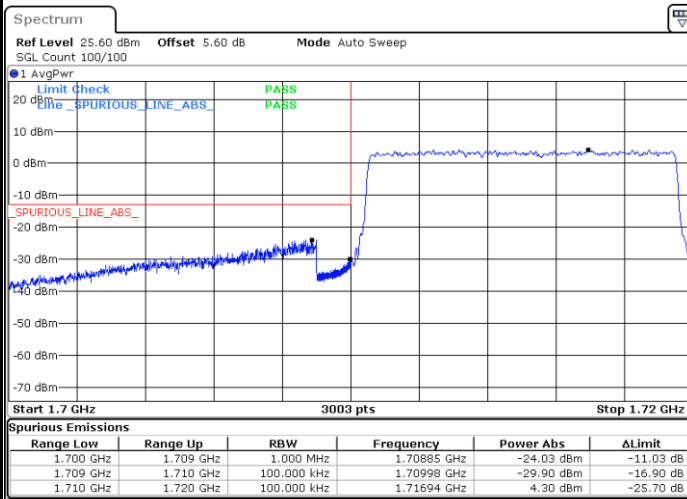
Date: 29 JUN.2022 15:10:21

Highest Band Edge / 1 RB



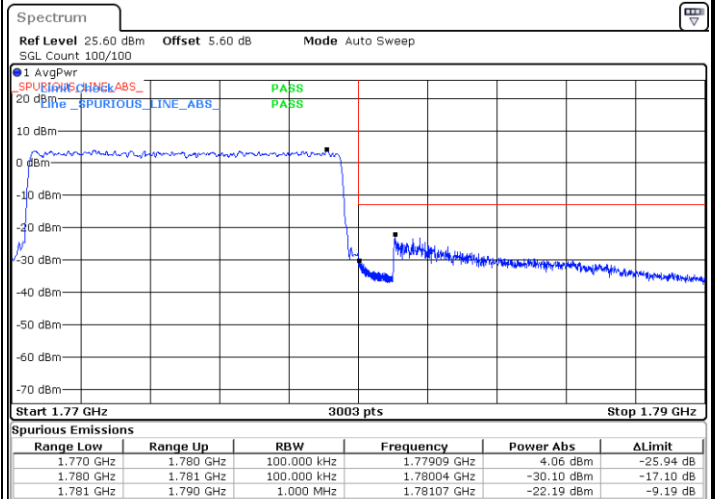
Date: 29 JUN.2022 15:40:31

Lowest Band Edge / Full RB



Date: 29 JUN.2022 15:33:09

Highest Band Edge / Full RB

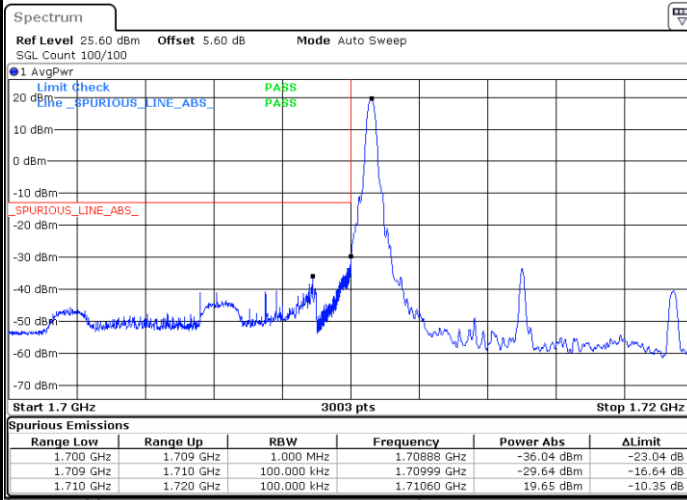


Date: 29 JUN.2022 15:47:19



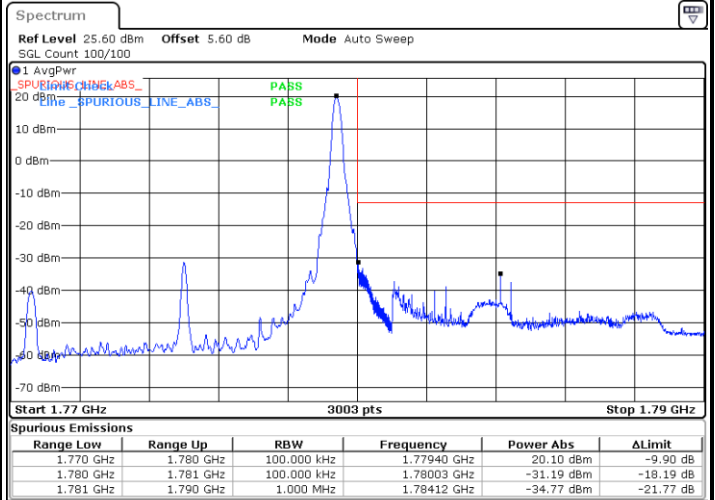
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



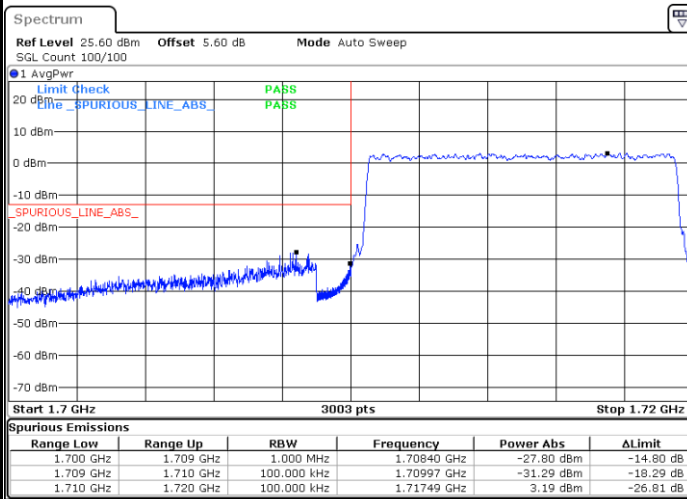
Date: 29 JUN.2022 15:11:42

Highest Band Edge / 1 RB



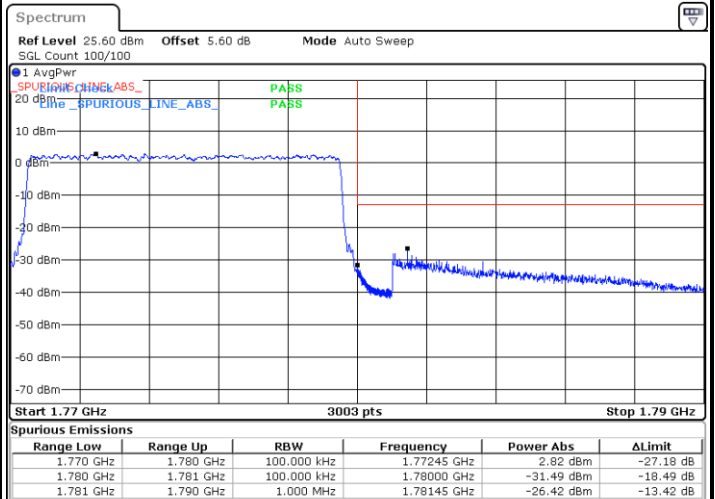
Date: 29 JUN.2022 15:41:52

Lowest Band Edge / Full RB



Date: 29 JUN.2022 15:31:48

Highest Band Edge / Full RB

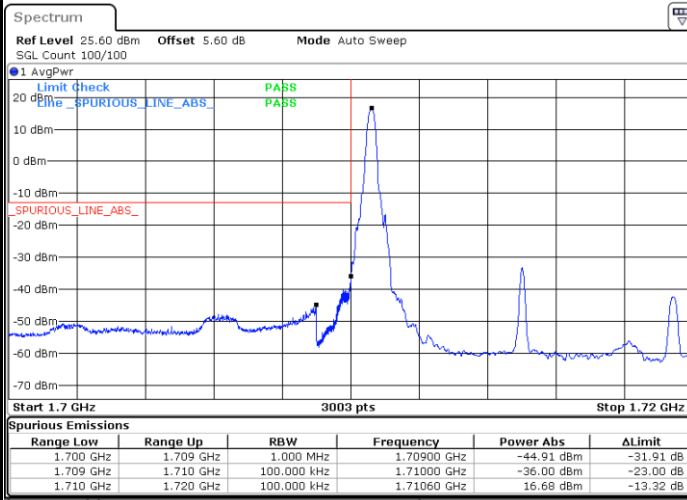


Date: 29 JUN.2022 15:45:59



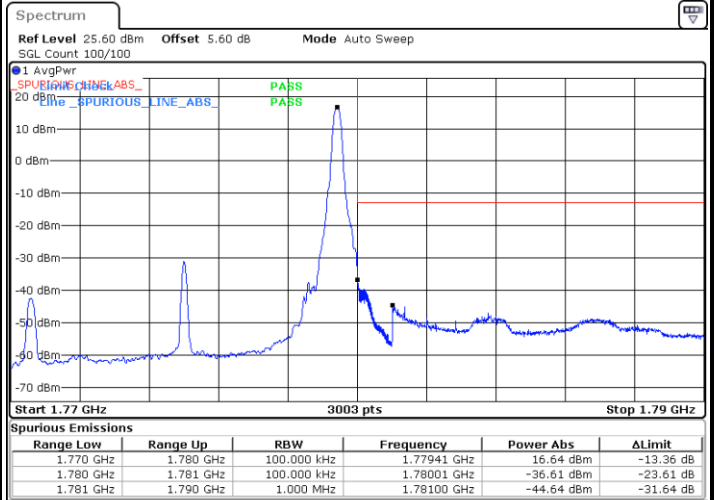
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



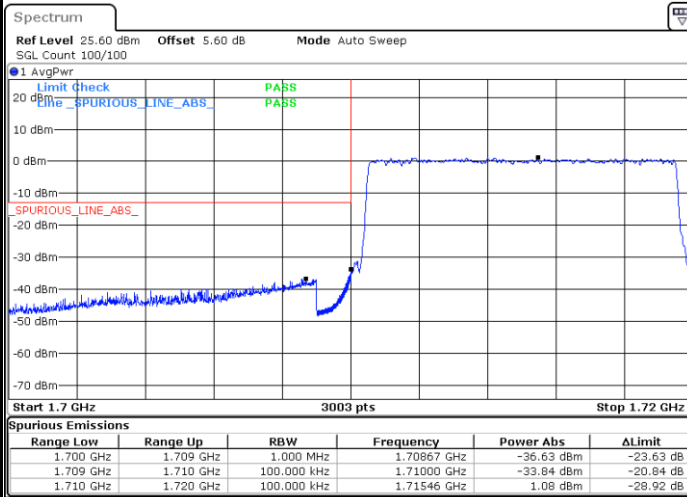
Date: 29 JUN.2022 15:13:02

Highest Band Edge / 1 RB



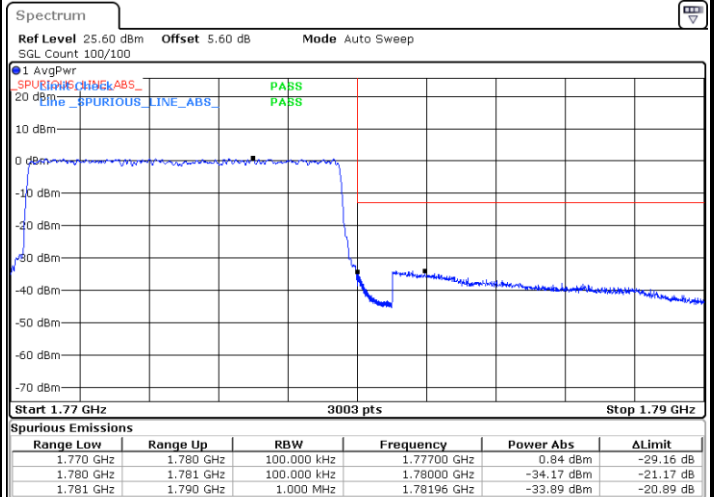
Date: 29 JUN.2022 15:43:12

Lowest Band Edge / Full RB



Date: 29 JUN.2022 16:51:29

Highest Band Edge / Full RB

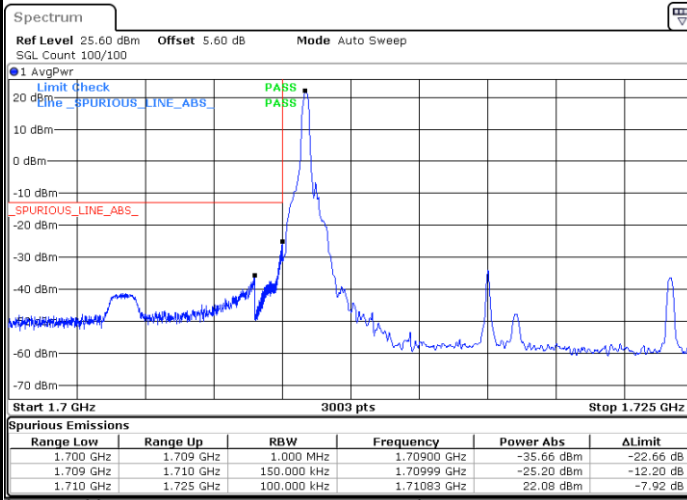


Date: 29 JUN.2022 15:44:35



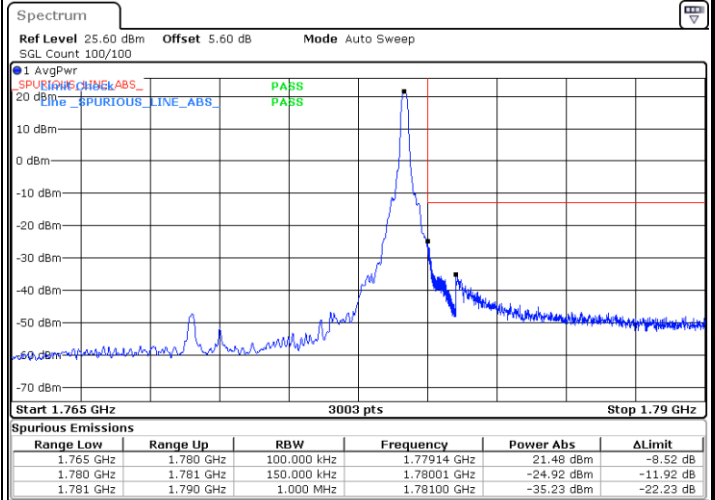
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



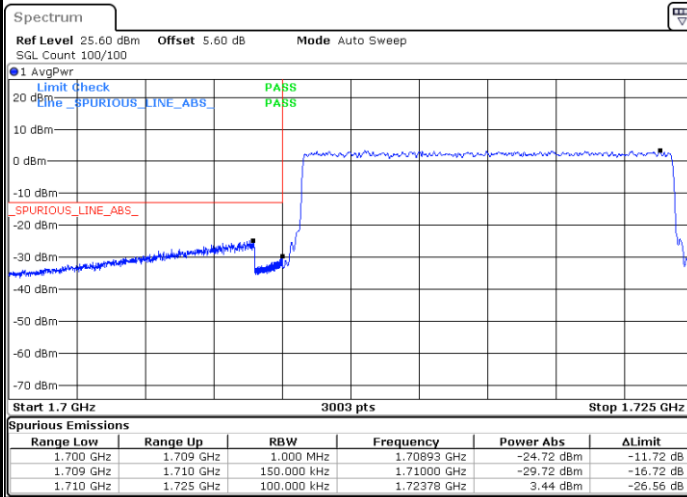
Date: 29 JUN.2022 15:51:42

Highest Band Edge / 1 RB



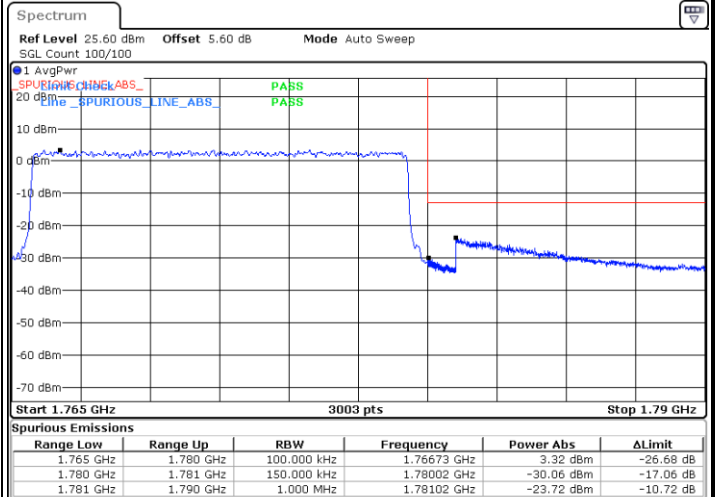
Date: 29 JUN.2022 16:06:37

Lowest Band Edge / Full RB



Date: 29 JUN.2022 16:01:55

Highest Band Edge / Full RB

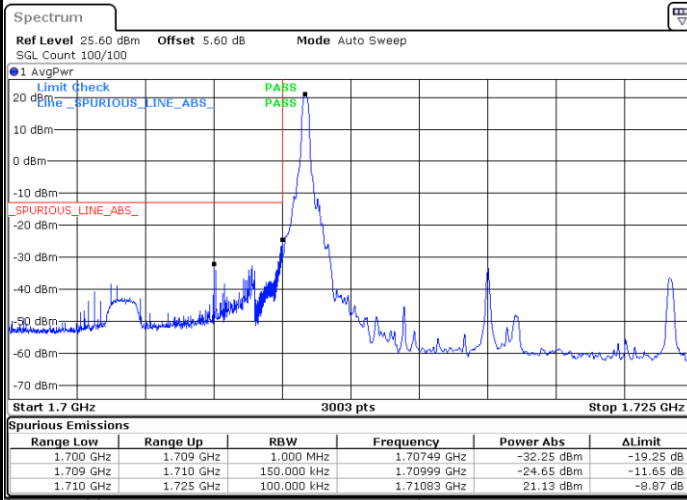


Date: 29 JUN.2022 16:16:04



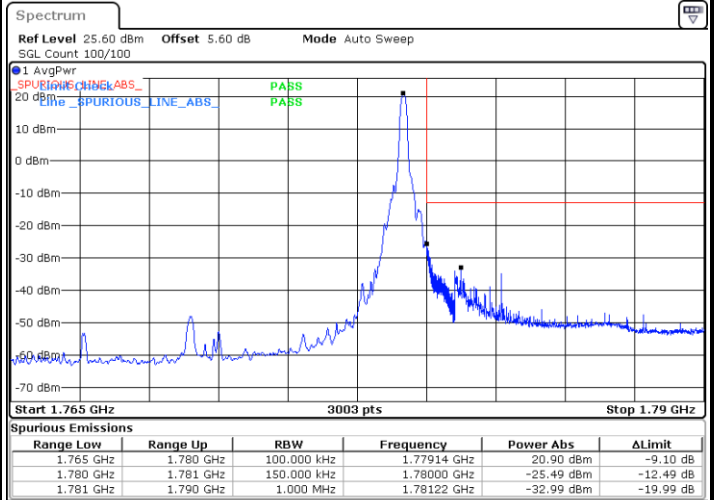
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



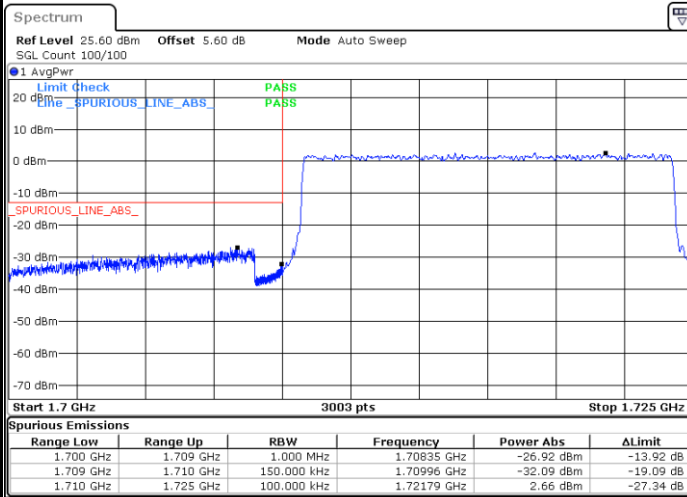
Date: 29 JUN.2022 15:53:02

Highest Band Edge / 1 RB



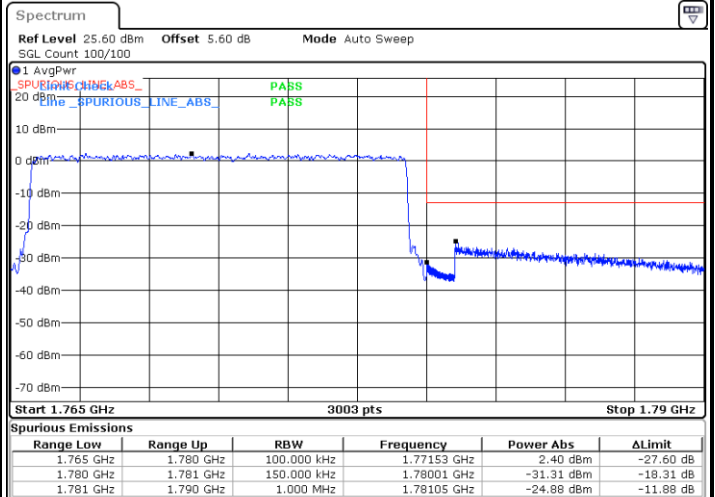
Date: 29 JUN.2022 16:07:57

Lowest Band Edge / Full RB



Date: 29 JUN.2022 16:00:34

Highest Band Edge / Full RB

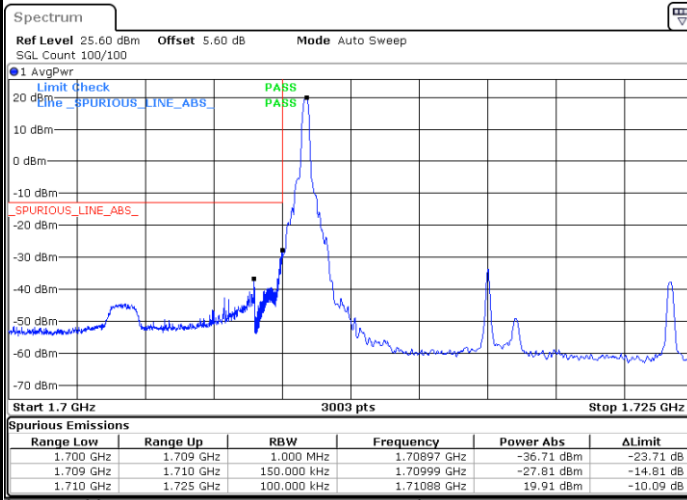


Date: 29 JUN.2022 16:14:44



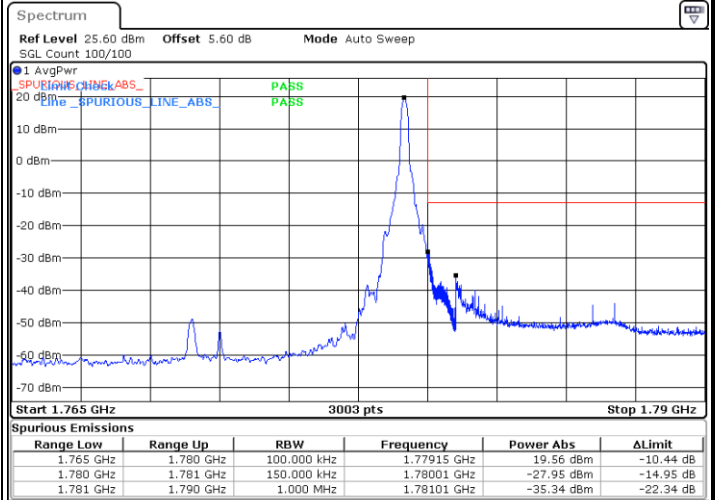
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



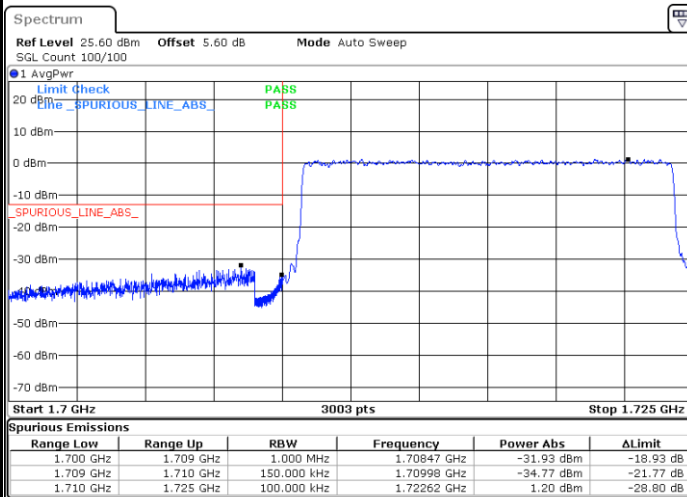
Date: 29 JUN.2022 15:54:22

Highest Band Edge / 1 RB



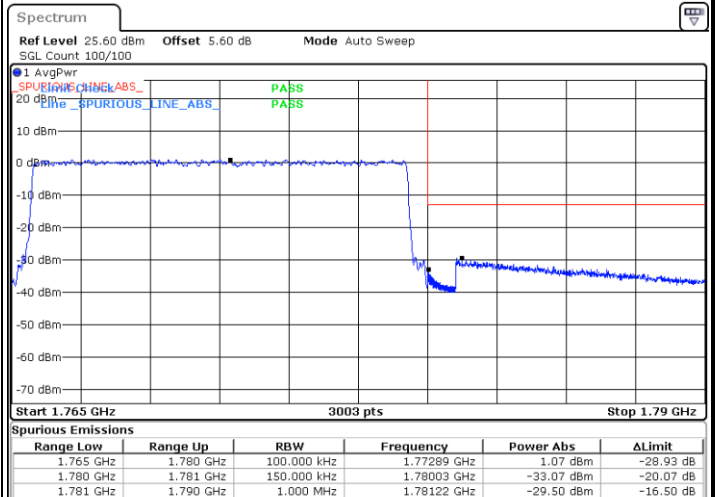
Date: 29 JUN.2022 16:09:17

Lowest Band Edge / Full RB



Date: 29 JUN.2022 15:59:14

Highest Band Edge / Full RB

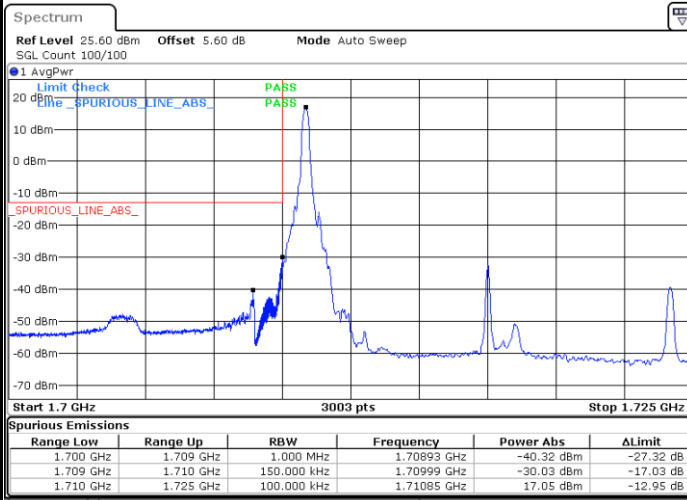


Date: 29 JUN.2022 16:13:23



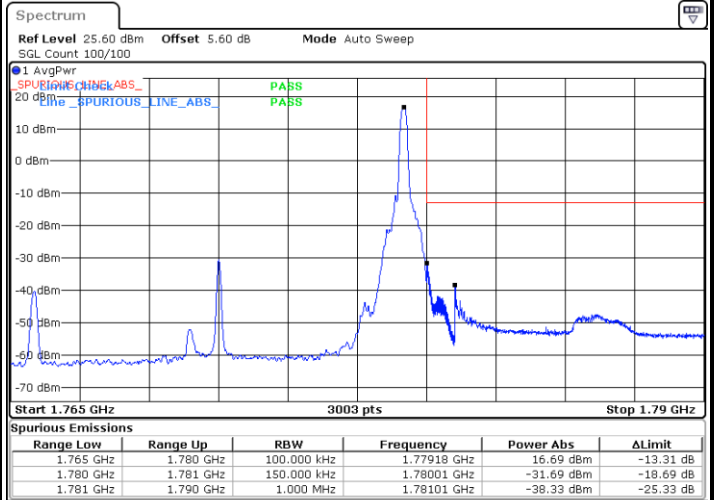
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



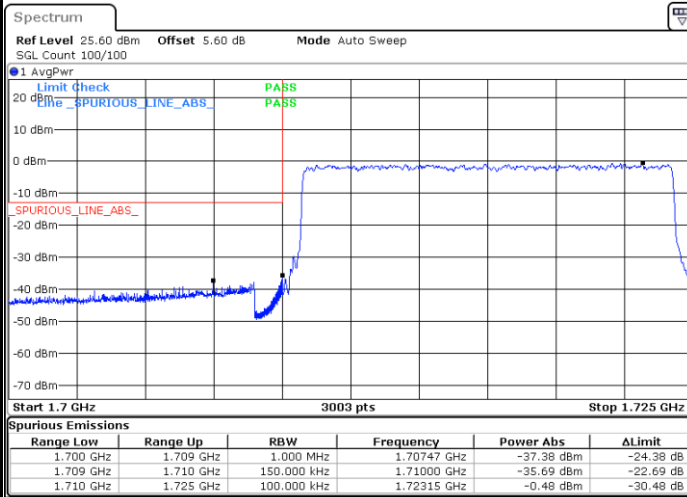
Date: 29 JUN.2022 15:55:42

Highest Band Edge / 1 RB



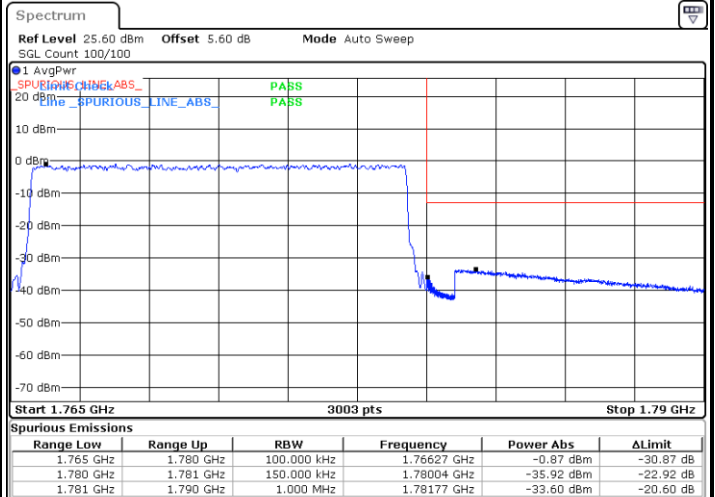
Date: 29 JUN.2022 16:10:37

Lowest Band Edge / Full RB



Date: 29 JUN.2022 15:57:50

Highest Band Edge / Full RB

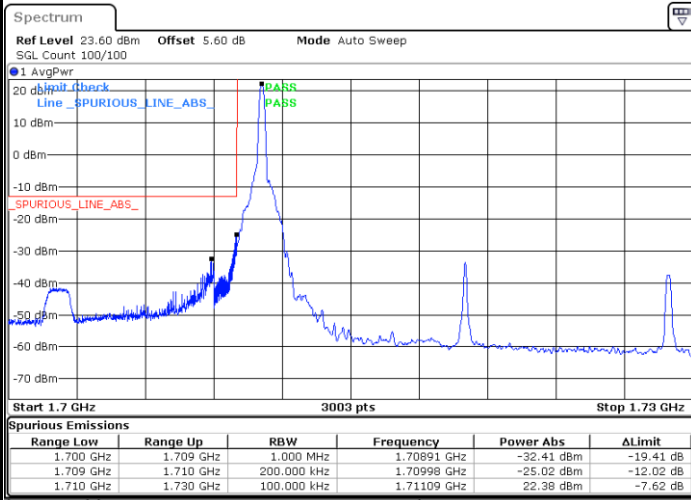


Date: 29 JUN.2022 16:12:00



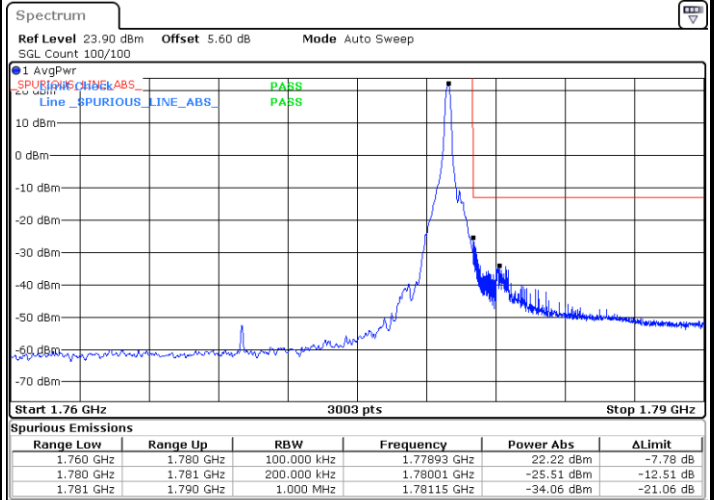
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



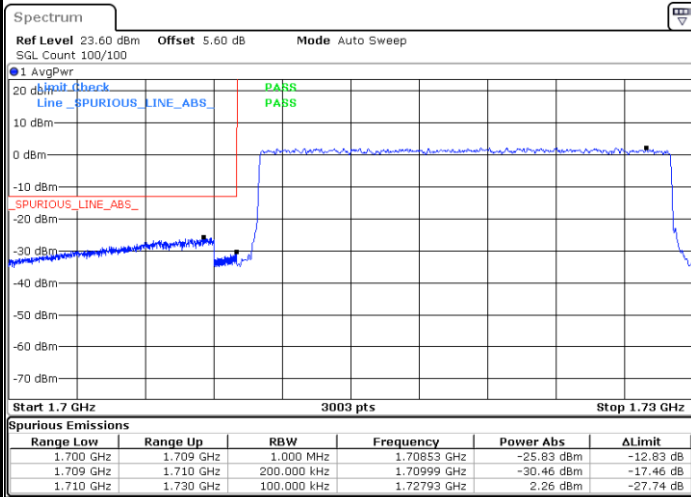
Date: 29 JUN.2022 16:19:06

Highest Band Edge / 1 RB



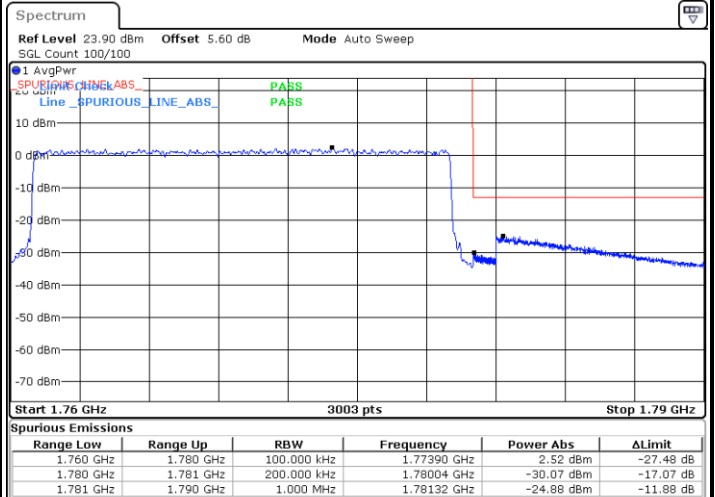
Date: 29 JUN.2022 16:34:18

Lowest Band Edge / Full RB



Date: 29 JUN.2022 16:29:38

Highest Band Edge / Full RB

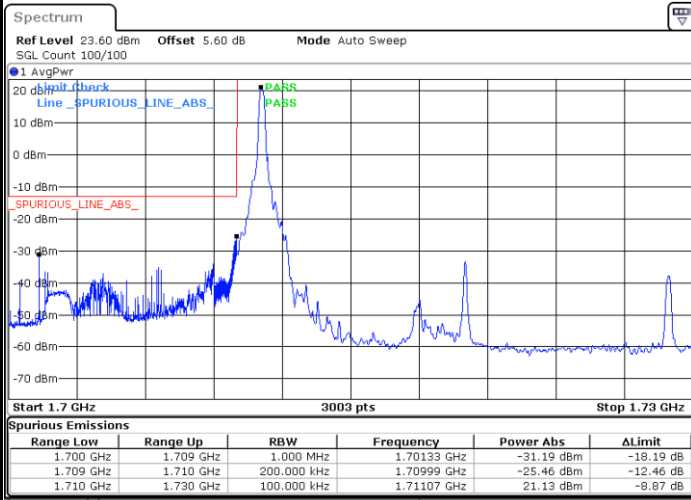


Date: 29 JUN.2022 16:43:47

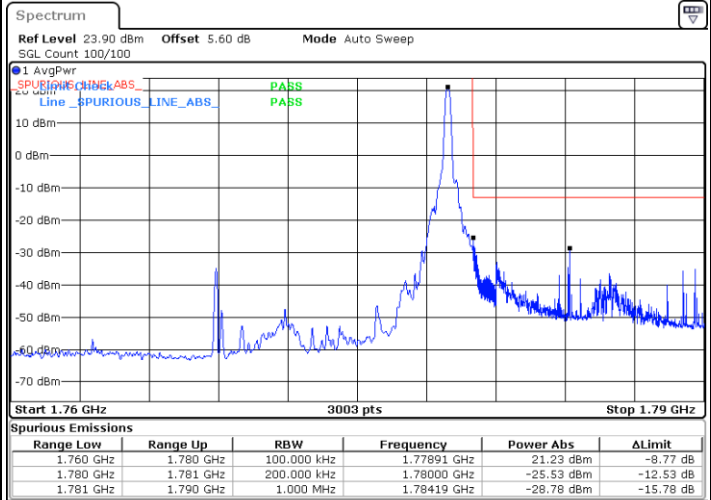


LTE Band 66 / 20MHz / 16QAM

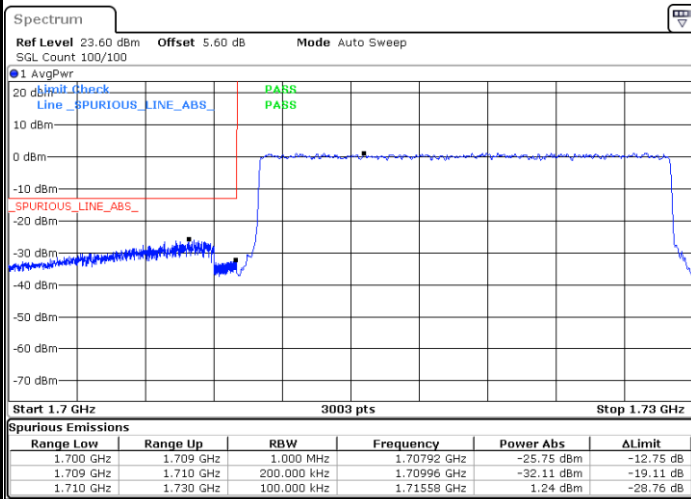
Lowest Band Edge / 1 RB



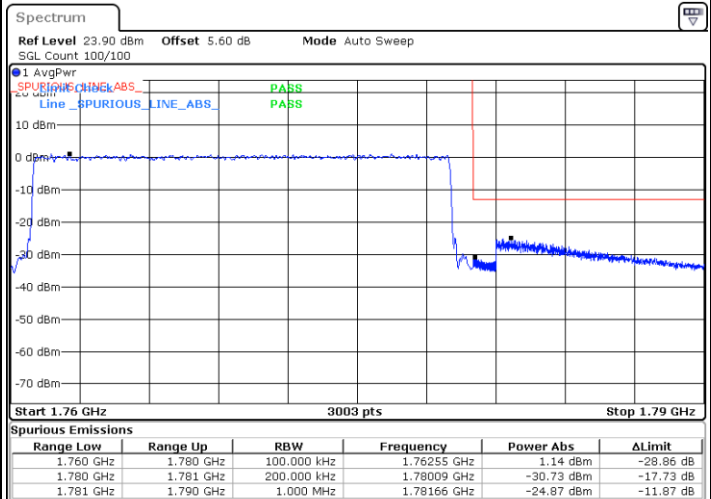
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



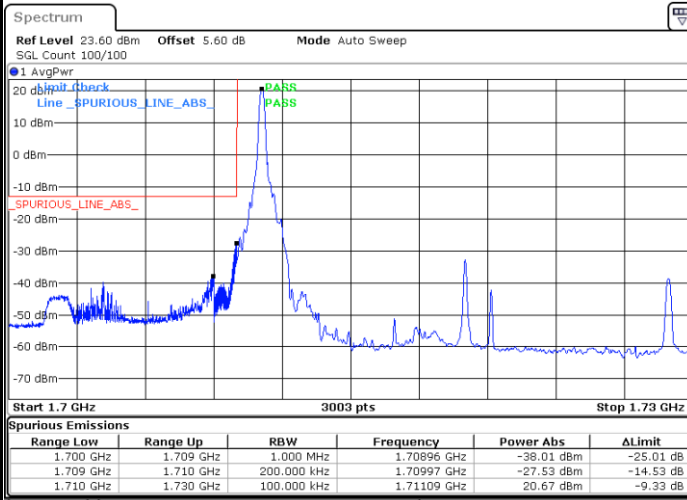
Highest Band Edge / Full RB





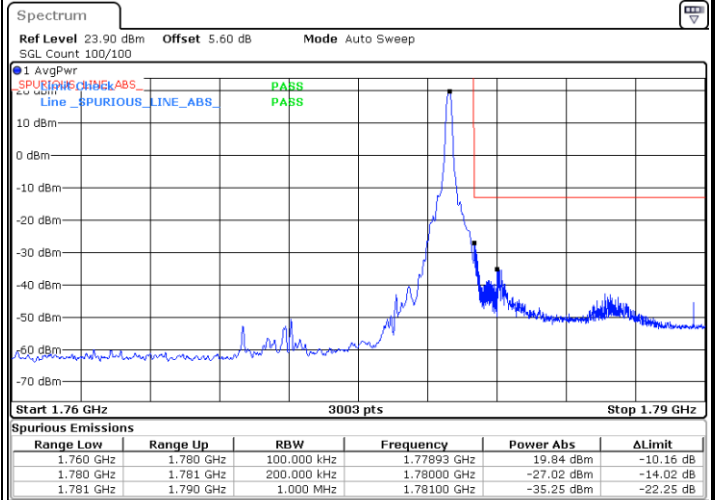
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



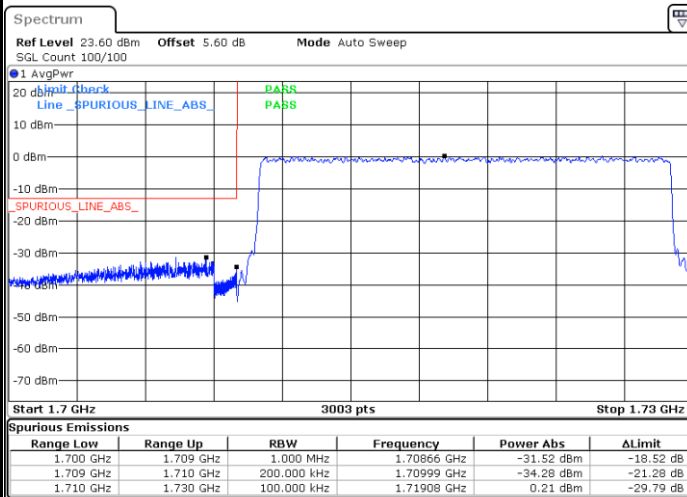
Date: 29 JUN 2022 16:21:46

Highest Band Edge / 1 RB



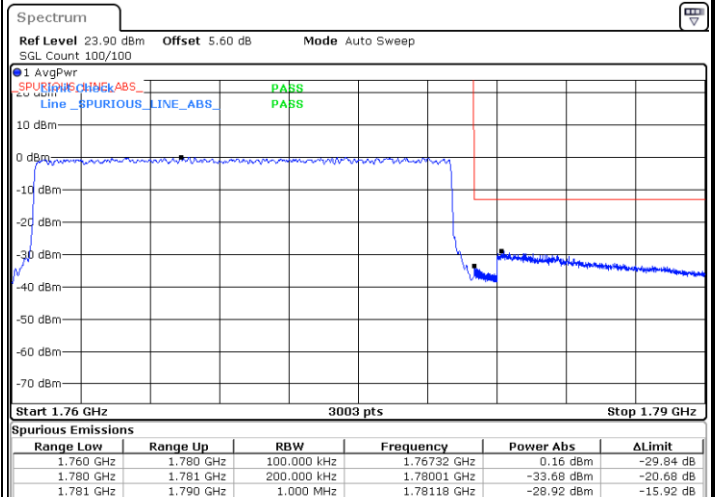
Date: 29 JUN 2022 16:36:59

Lowest Band Edge / Full RB



Date: 29 JUN 2022 16:26:57

Highest Band Edge / Full RB

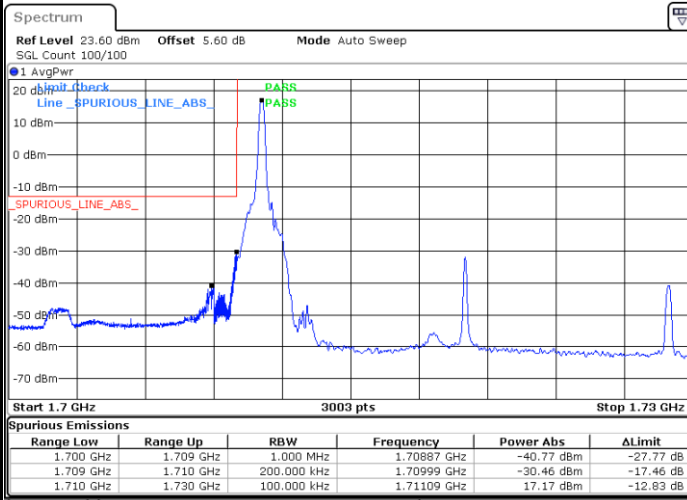


Date: 29 JUN 2022 16:41:06



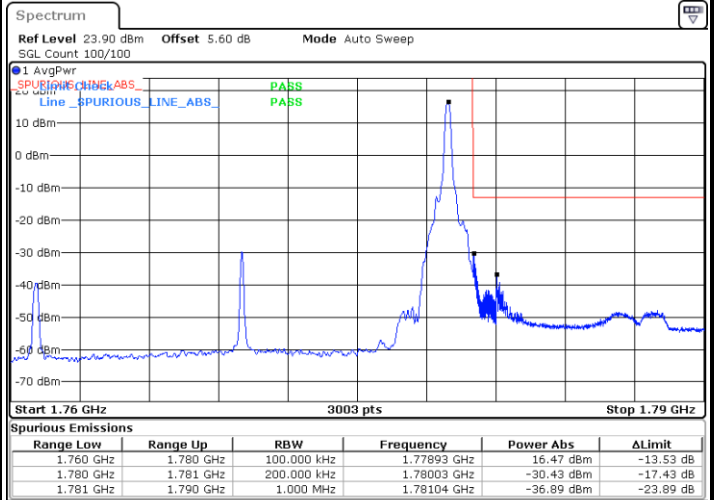
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



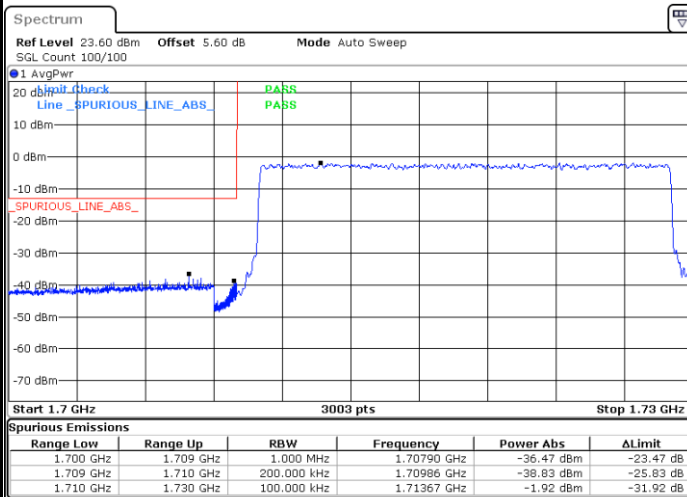
Date: 29 JUN.2022 16:23:06

Highest Band Edge / 1 RB



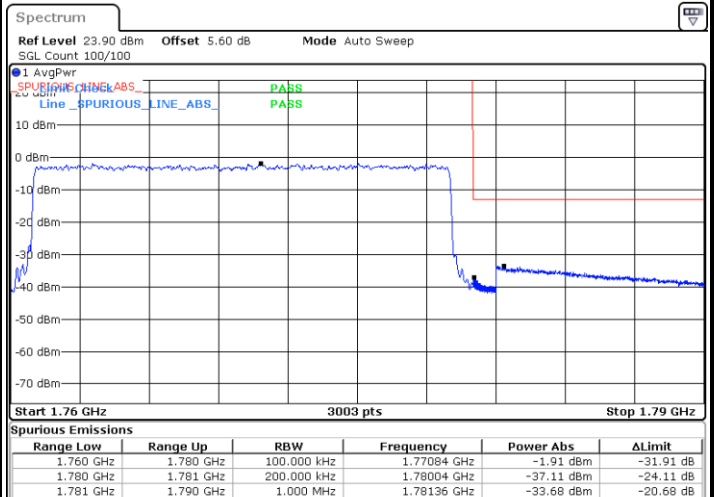
Date: 29 JUN.2022 16:38:20

Lowest Band Edge / Full RB



Date: 29 JUN.2022 16:25:34

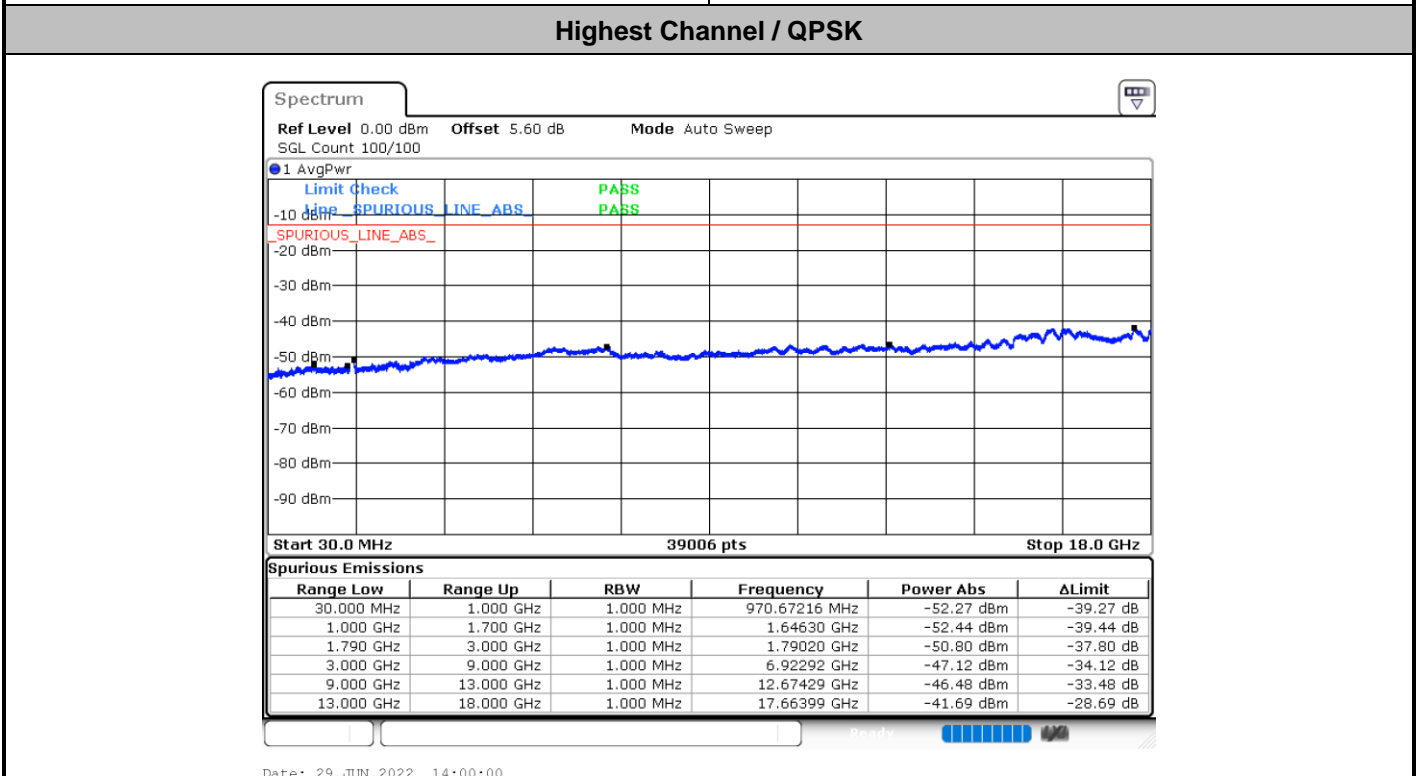
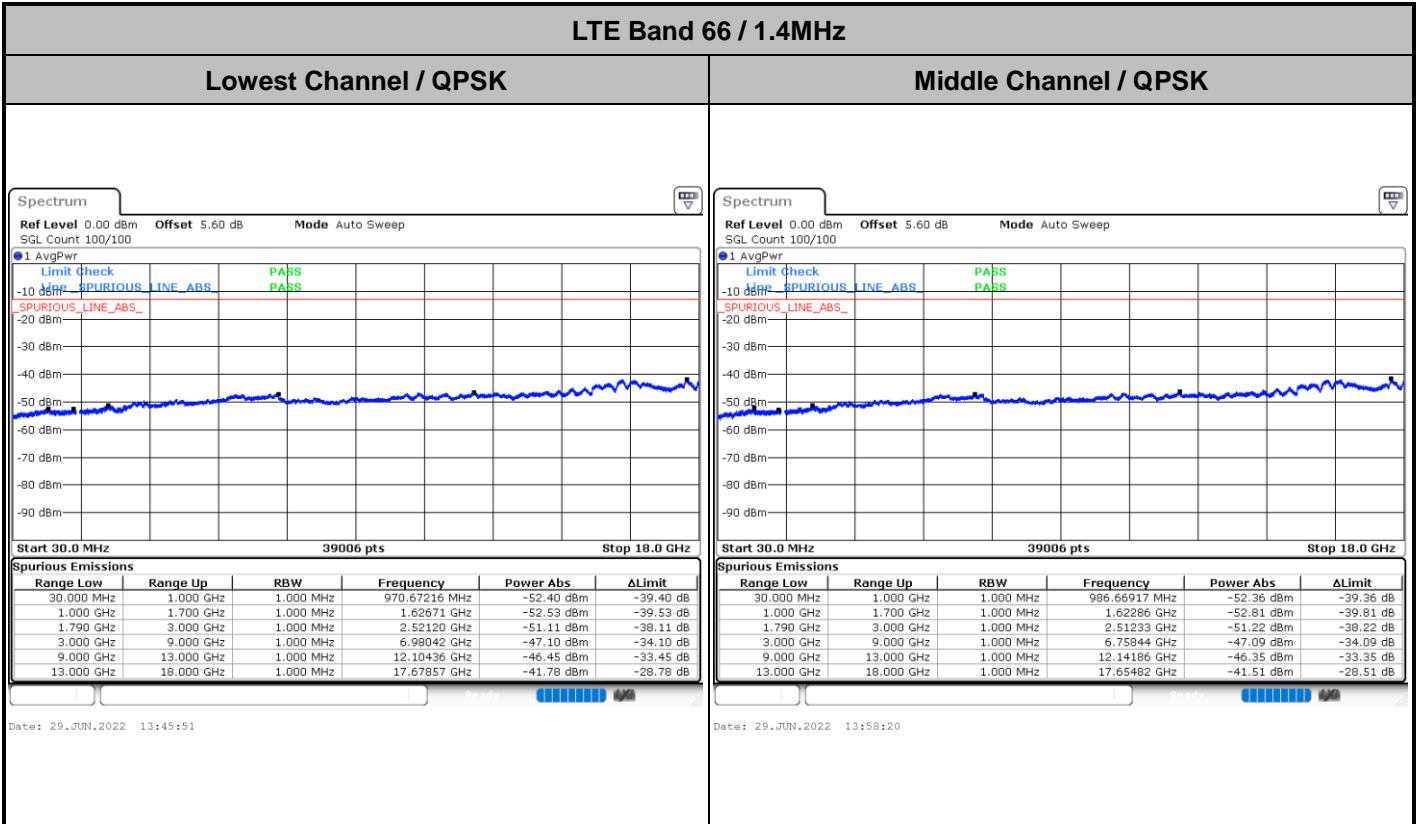
Highest Band Edge / Full RB



Date: 29 JUN.2022 16:39:43



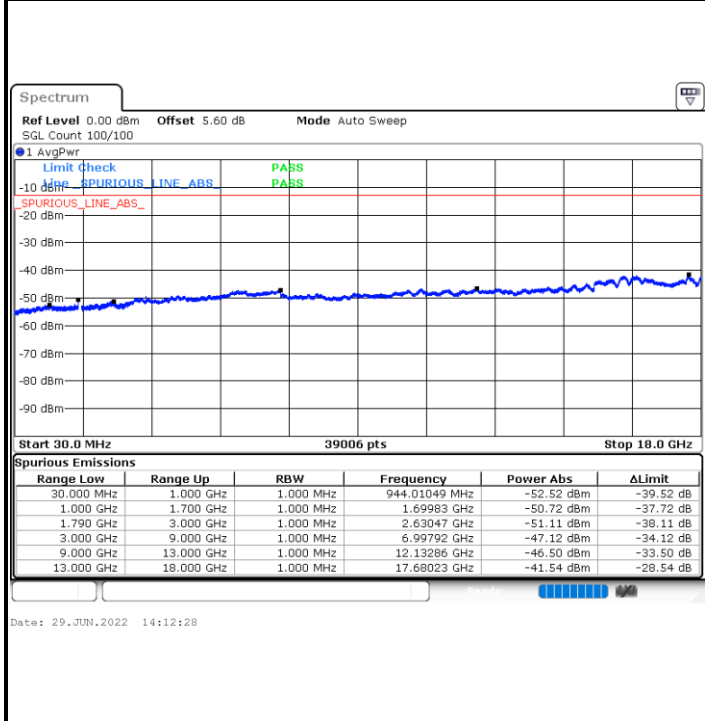
Conducted Spurious Emission



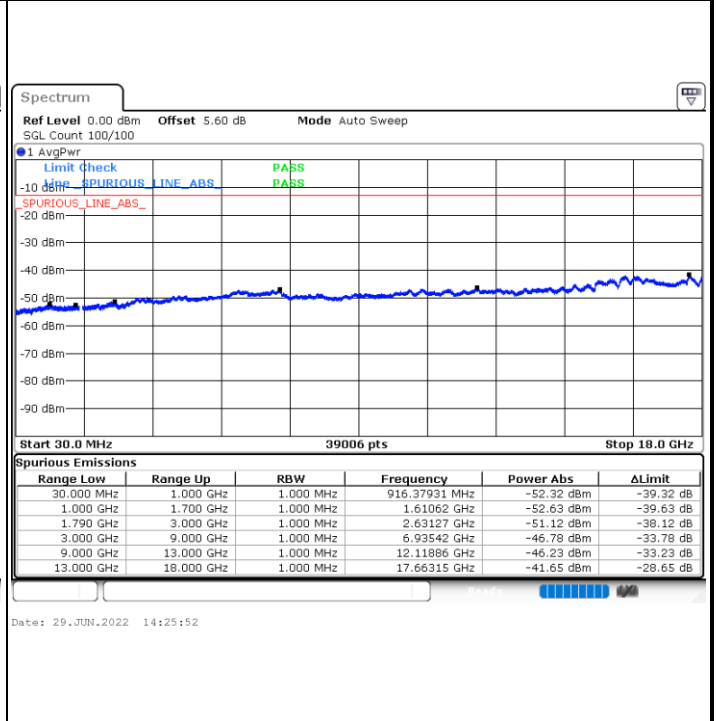


LTE Band 66 / 3MHz

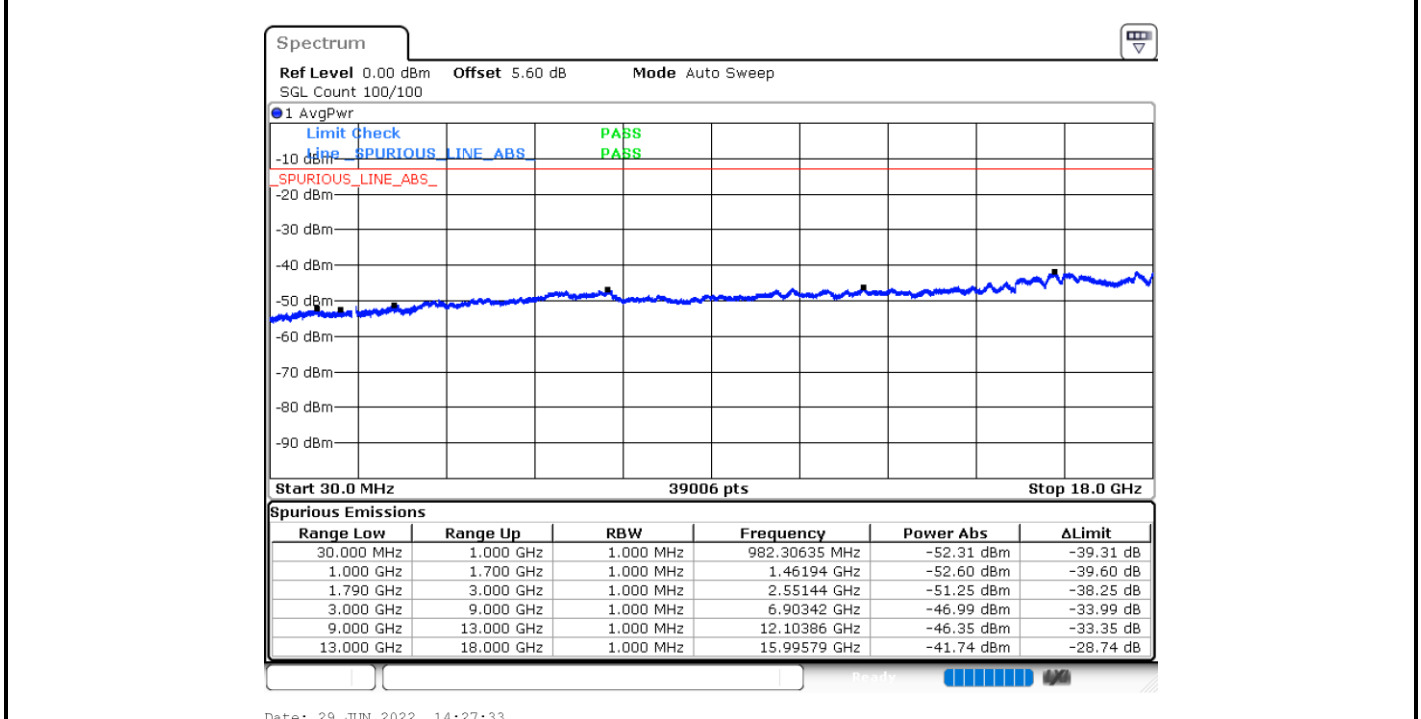
Lowest Channel / QPSK



Middle Channel / QPSK



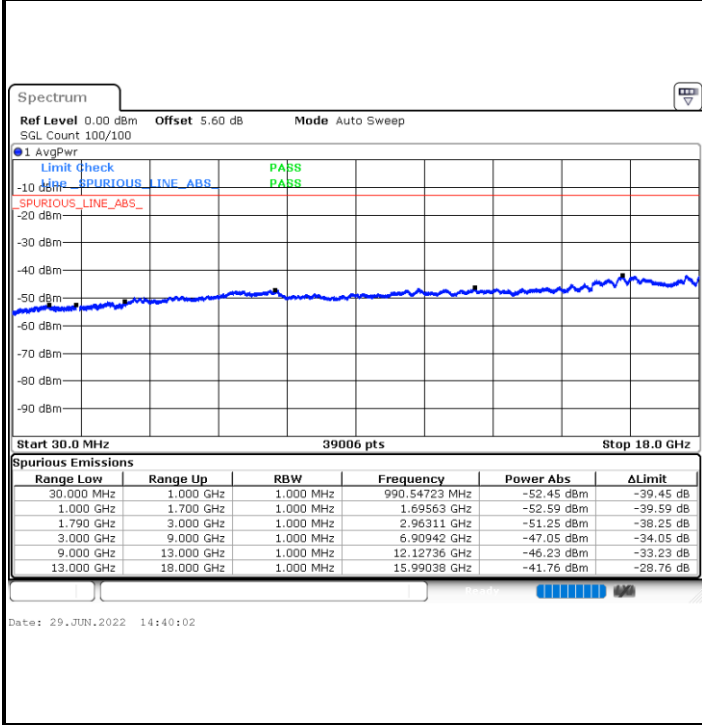
Highest Channel / QPSK



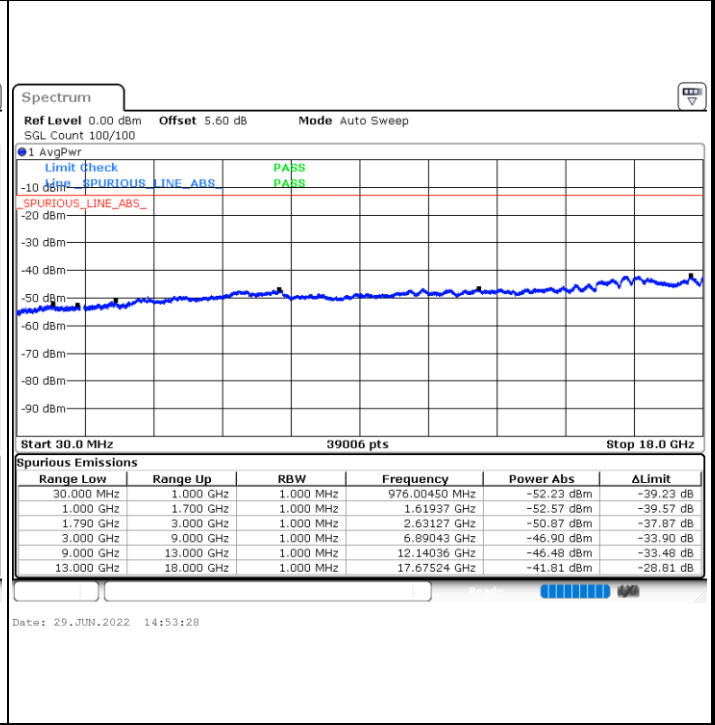


LTE Band 66 / 5MHz

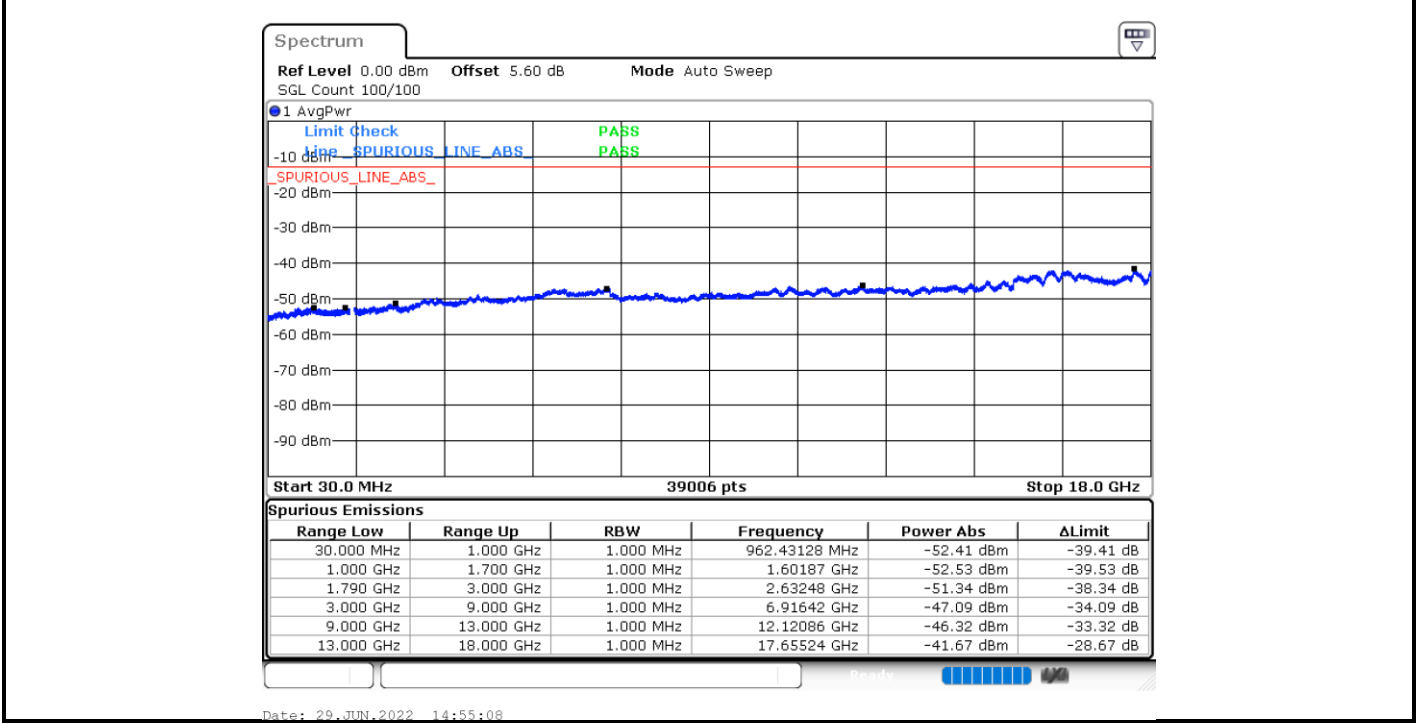
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

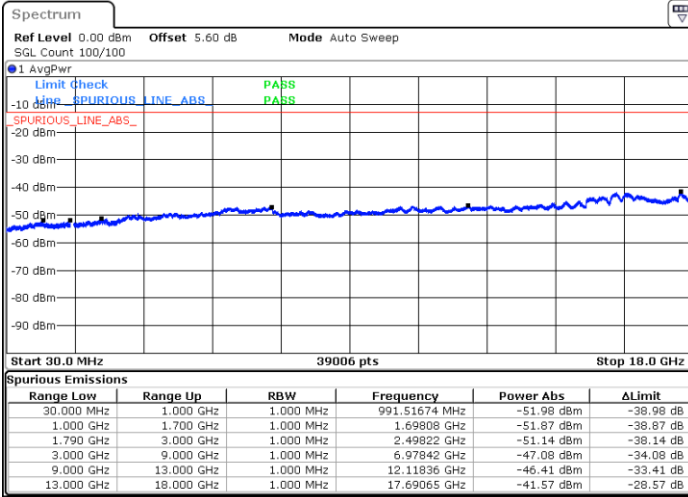




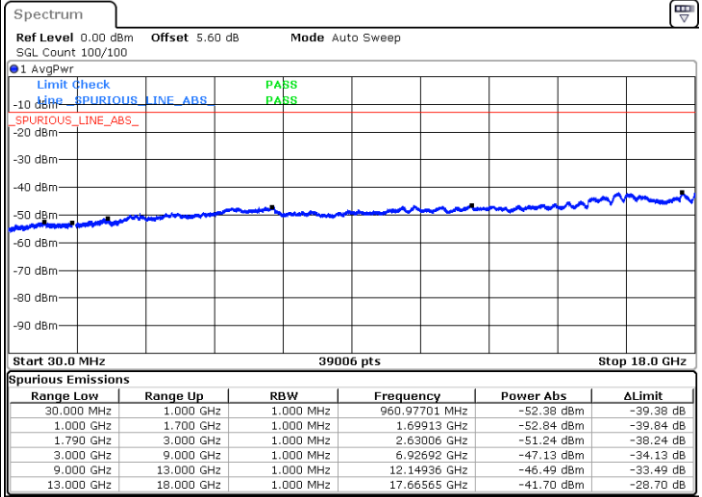
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

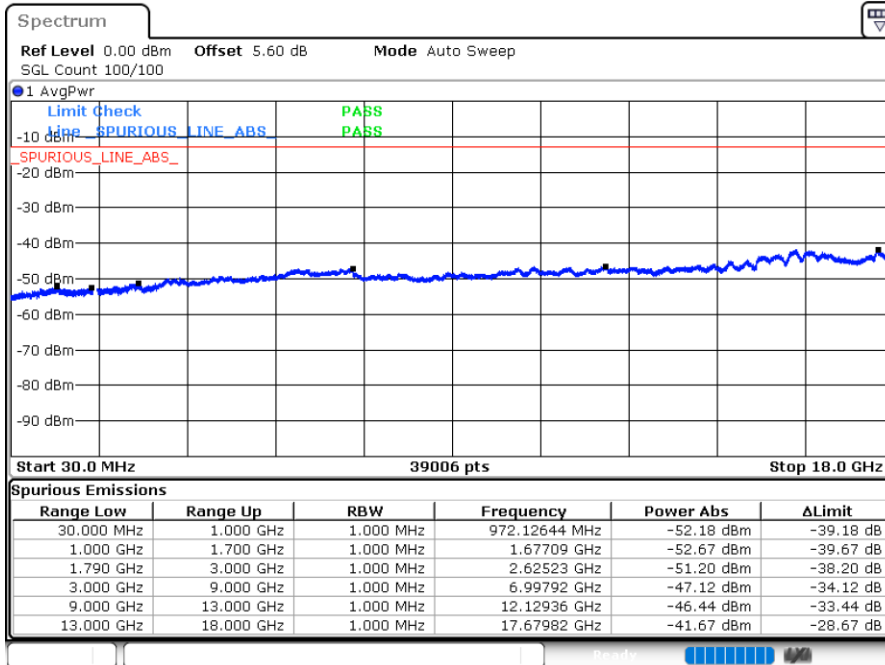


Date: 29 JUN 2022 15:07:40



Date: 29 JUN 2022 15:36:09

Highest Channel / QPSK



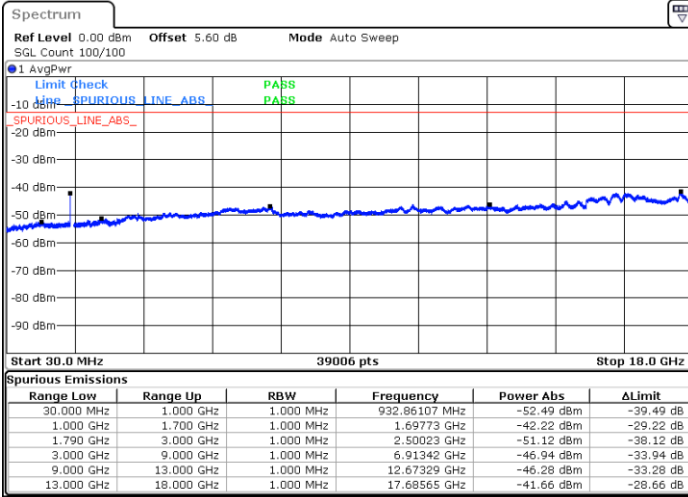
Date: 29 JUN 2022 15:37:50



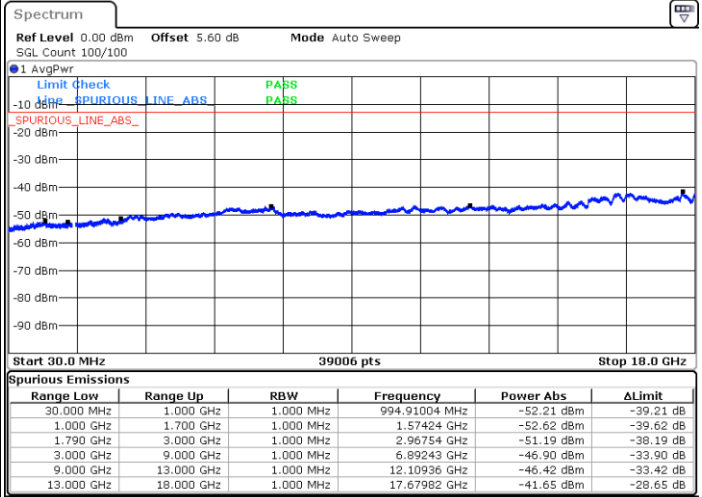
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

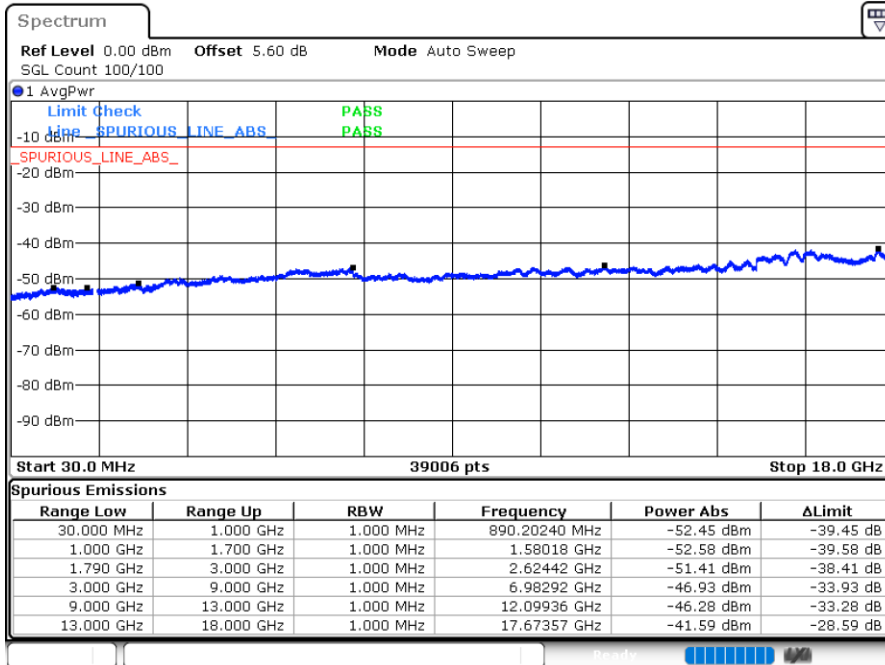


Date: 29 JUN 2022 15:50:21



Date: 29 JUN 2022 16:03:35

Highest Channel / QPSK



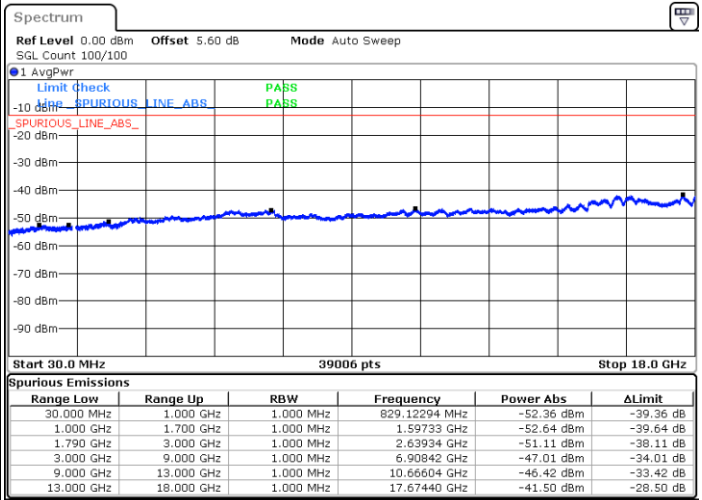
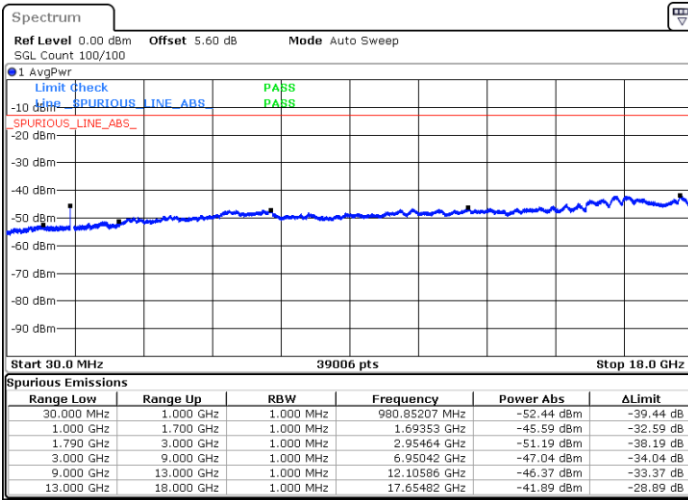
Date: 29 JUN 2022 16:05:16



LTE Band 66 / 20MHz

Lowest Channel / QPSK

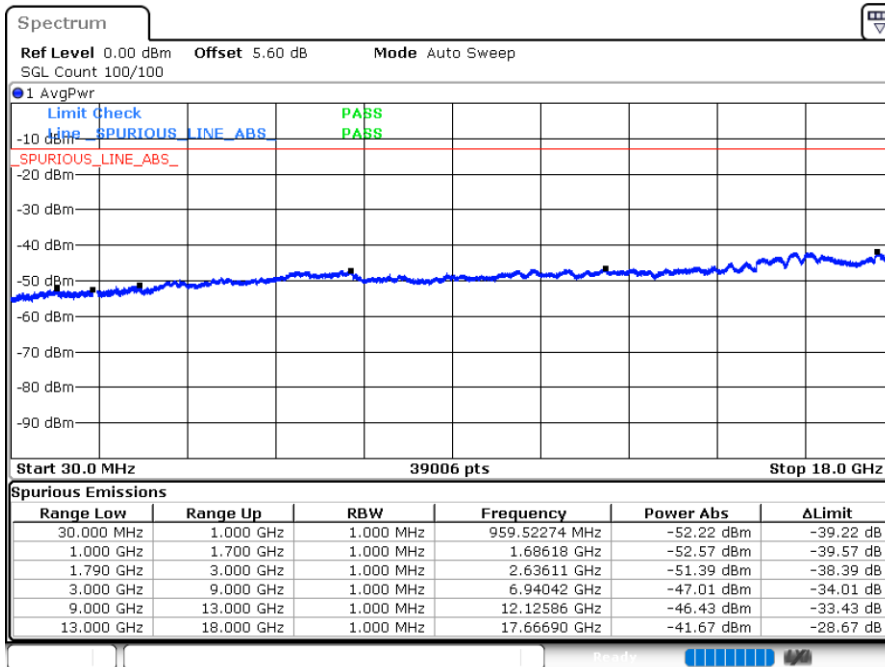
Middle Channel / QPSK



Date: 29 JUN 2022 16:17:45

Date: 29 JUN 2022 16:31:18

Highest Channel / QPSK



Date: 29 JUN 2022 16:32:58



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0044	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0079	
-20	Normal Voltage	0.0214	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0108	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0022	

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.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi zhuo	Temperature :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 12_ANT 0 / 10MHz / 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	1408	-67.87	-13	-54.87	-74.84	1.58	10.70	H
	2112	-61.45	-13	-48.45	-69.70	2.102	12.50	H
	2808	-59.10	-13	-46.10	-67.99	2.856	13.90	H
	1408	-67.09	-13	-54.09	-74.06	1.58	10.70	V
	2112	-60.57	-13	-47.57	-68.82	2.10	12.50	V
	2808	-58.65	-13	-45.65	-67.54	2.86	13.90	V

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

LTE Band 13_ANT 0 / 5MHz / 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	1560	-65.93	-42.15	-23.78	-68.56	1.09	5.87	H
	2336	-61.81	-13	-48.81	-64.21	1.37	5.92	H
	3120	-59.27	-13	-46.27	-63.16	1.64	7.68	H
	1560	-65.24	-42.15	-23.09	-67.87	1.09	5.87	V
	2336	-59.62	-13	-46.62	-62.02	1.37	5.92	V
	3120	-59.10	-13	-46.10	-62.99	1.64	7.68	V

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



LTE Band 13_ANT 0 / 10MHz / 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	1552	-66.67	-13	-53.67	-69.30	1.09	5.87	H
	2328	-61.04	-13	-48.04	-63.44	1.37	5.92	H
	3112	-59.68	-13	-46.68	-63.57	1.64	7.68	H
	1552	-66.00	-13	-53.00	-68.63	1.09	5.87	V
	2328	-59.52	-13	-46.52	-61.92	1.37	5.92	V
	3112	-58.73	-13	-45.73	-62.62	1.64	7.68	V

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

LTE Band 25_ANT 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	3747	-56.93	-13	-43.93	-69.19	2.64	14.90	H
	5619	-55.21	-13	-42.21	-67.07	2.94	14.80	H
	7488	-51.91	-13	-38.91	-61.68	3.39	13.16	H
	3747	-56.46	-13	-43.46	-68.72	2.64	14.90	V
	5619	-55.20	-13	-42.20	-67.06	2.94	14.80	V
	7488	-51.81	-13	-38.81	-61.58	3.39	13.16	V

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

LTE Band 26_ANT 0 / 15MHz / 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	1656	-65.25	-13	-52.25	-72.22	1.58	10.70	H
	2488	-60.56	-13	-47.56	-68.81	2.102	12.50	H
	3320	-59.53	-13	-46.53	-68.42	2.856	13.90	H
	1656	-63.85	-13	-50.85	-70.82	1.58	10.70	V
	2488	-58.83	-13	-45.83	-67.08	2.10	12.50	V
	3320	-59.71	-13	-46.71	-68.60	2.86	13.90	V

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



LTE Band 66_ANT 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	3741	-56.79	-13	-43.79	-67.53	2.604	13.34	H
	5208	-54.21	-13	-41.21	-64.72	3.011	13.52	H
	6948	-52.53	-13	-39.53	-62.73	3.271	13.47	H
	3741	-56.41	-13	-43.41	-67.15	2.604	13.34	V
	5208	-54.47	-13	-41.47	-64.98	3.011	13.52	V
	6948	-52.85	-13	-39.85	-63.05	3.271	13.47	V

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