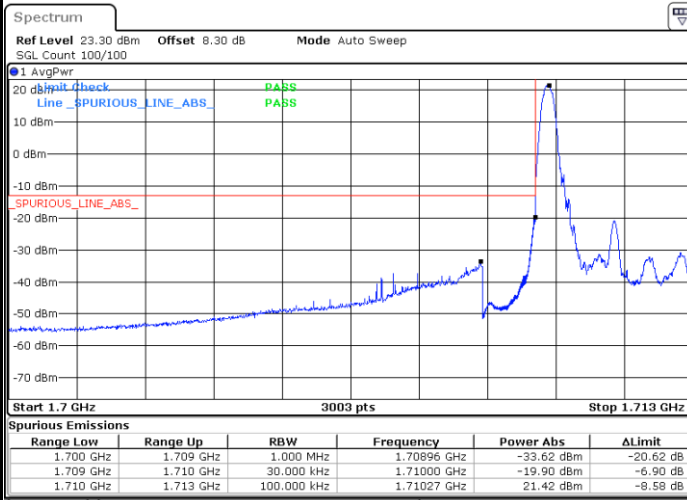


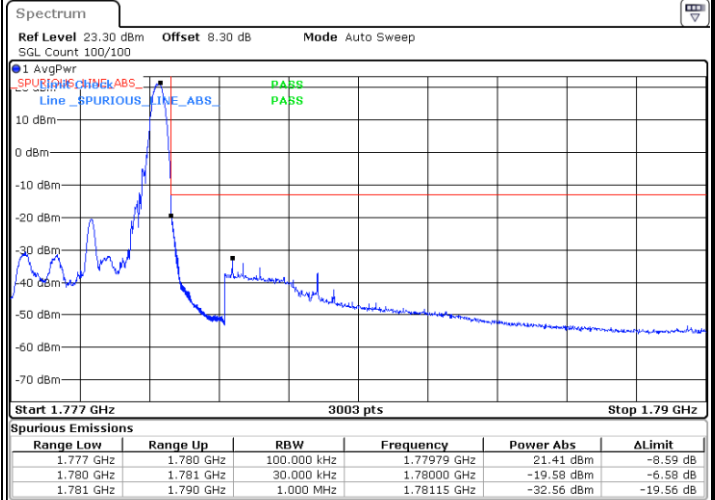


LTE Band 66 / 3MHz / 16QAM

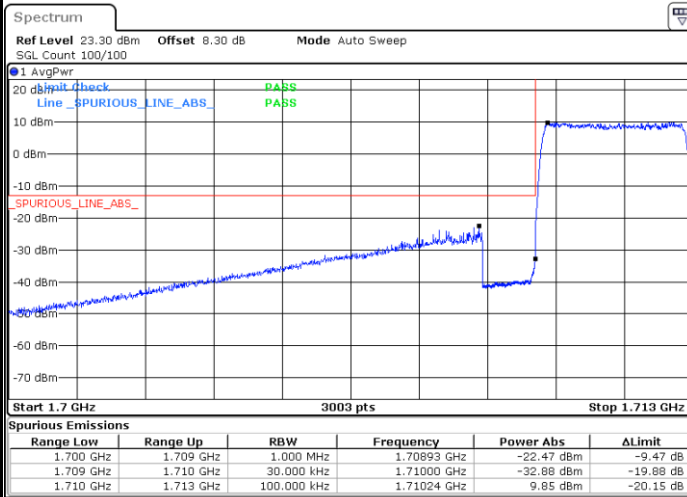
Lowest Band Edge / 1 RB



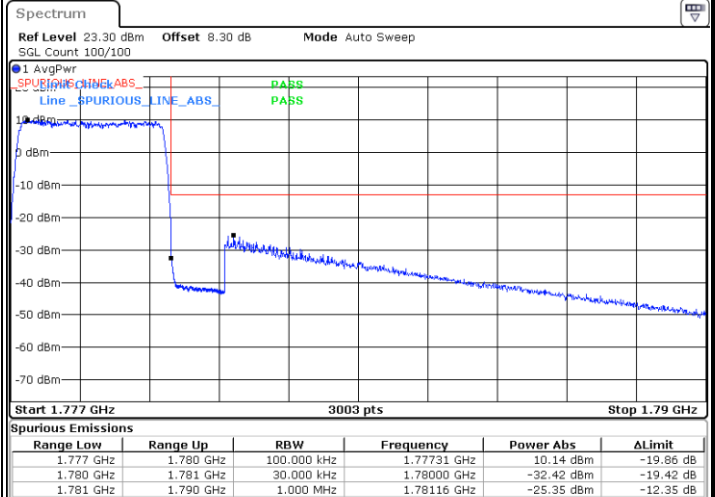
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



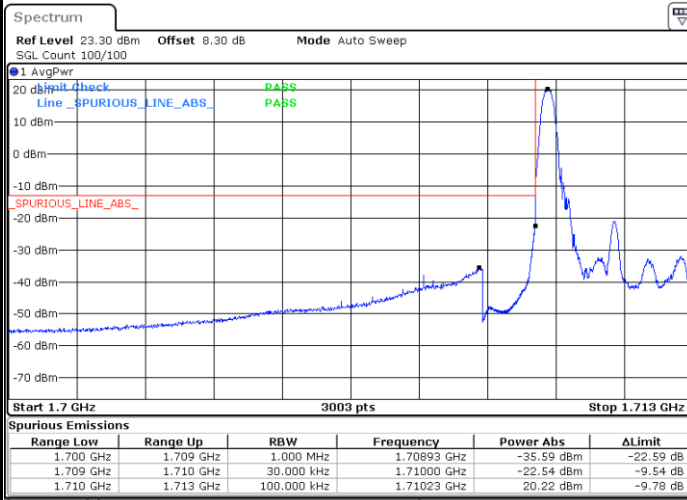
Highest Band Edge / Full RB





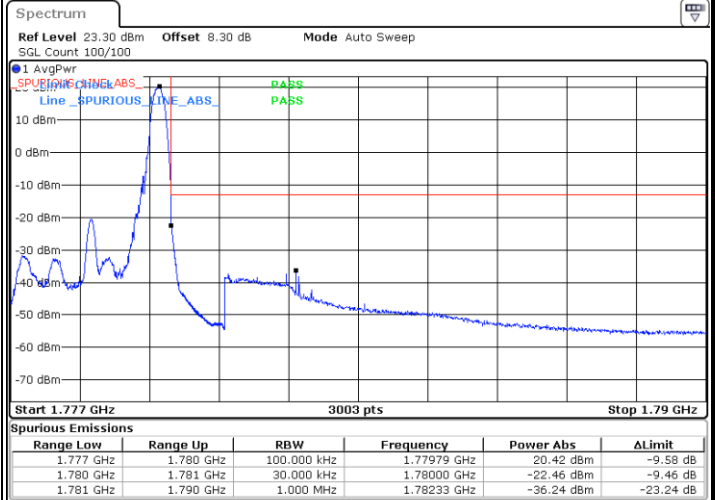
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



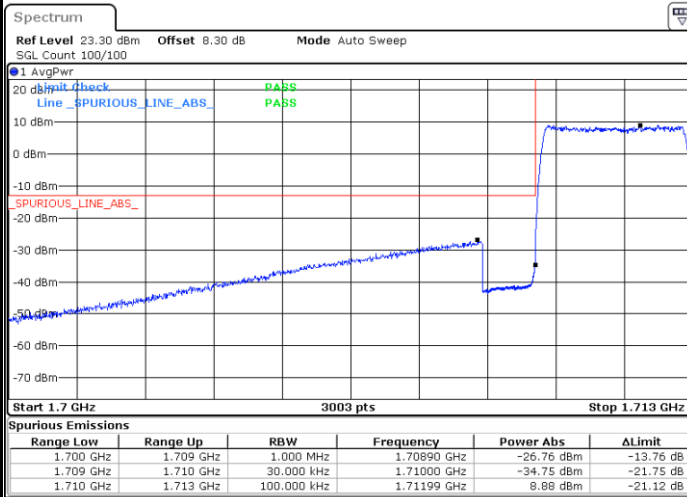
Date: 6.JUN.2023 11:51:17

Highest Band Edge / 1 RB



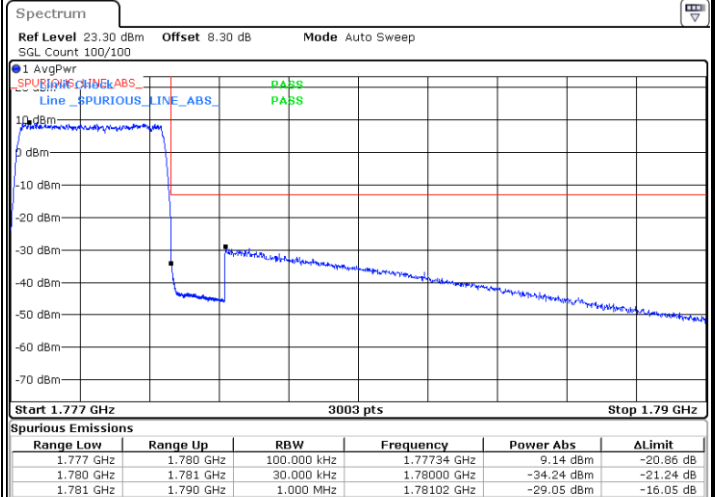
Date: 6.JUN.2023 11:55:37

Lowest Band Edge / Full RB



Date: 6.JUN.2023 11:50:38

Highest Band Edge / Full RB

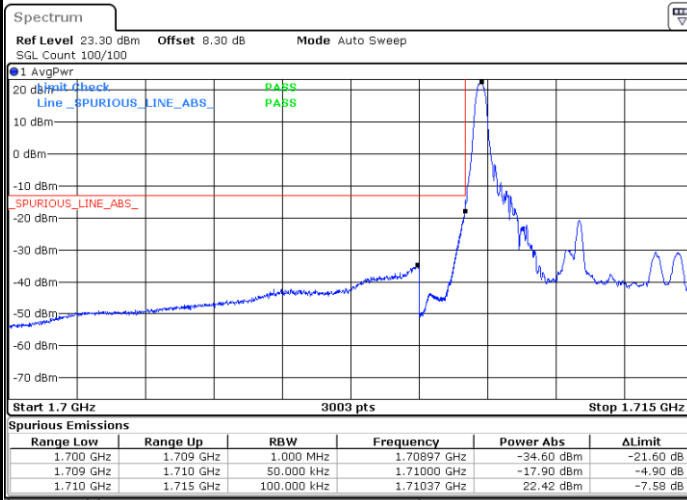


Date: 6.JUN.2023 11:56:27



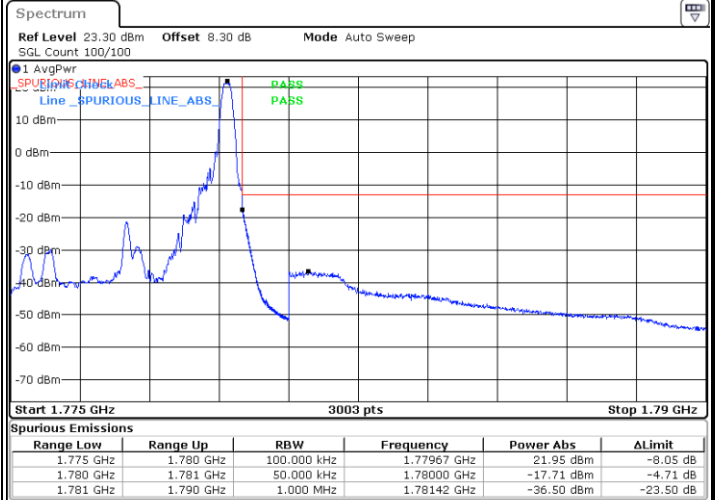
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



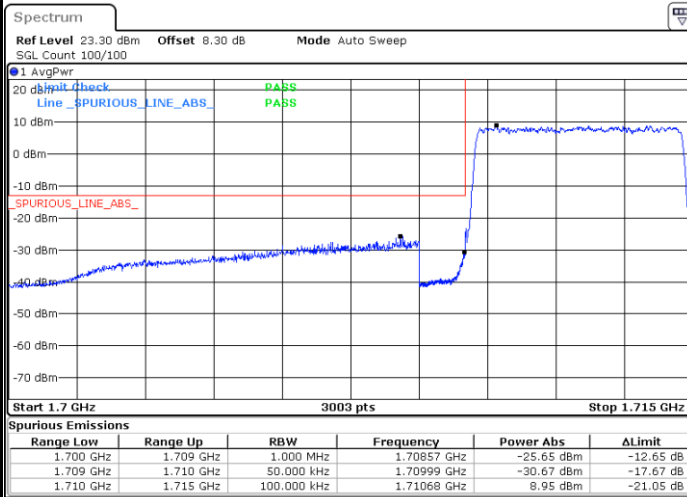
Date: 6.JUN.2023 12:00:58

Highest Band Edge / 1 RB



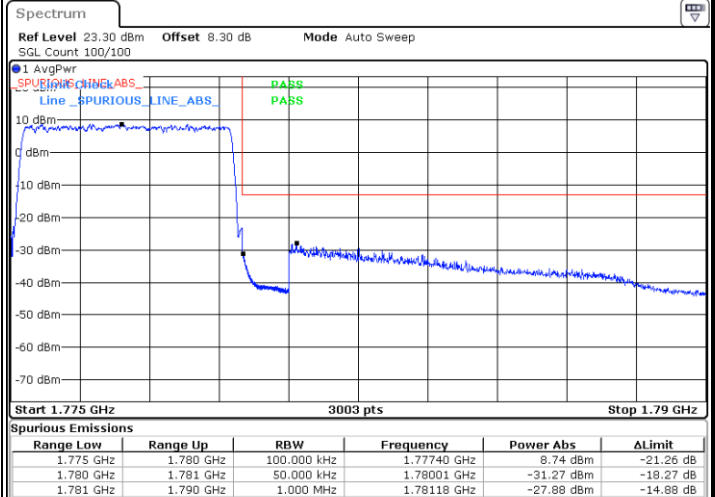
Date: 6.JUN.2023 13:07:13

Lowest Band Edge / Full RB



Date: 6.JUN.2023 11:58:55

Highest Band Edge / Full RB

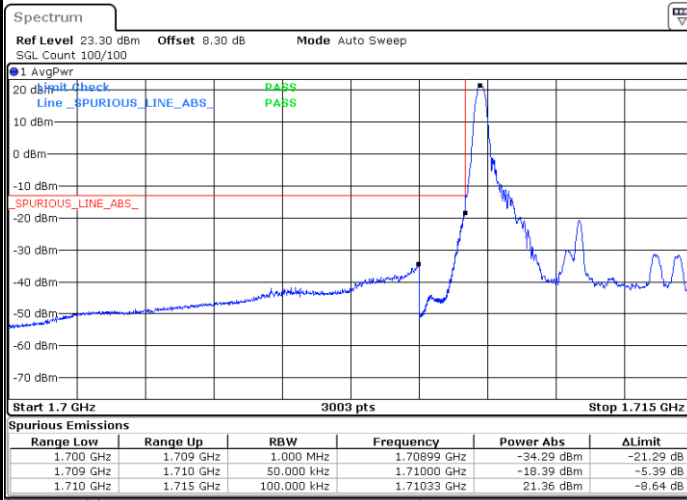


Date: 6.JUN.2023 13:11:33



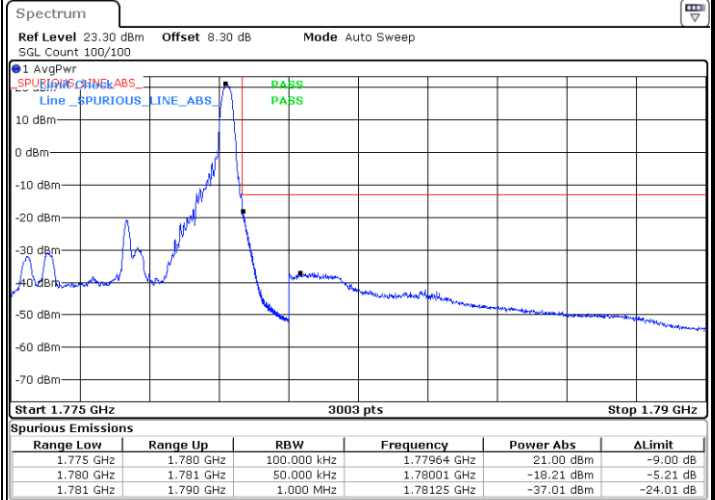
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



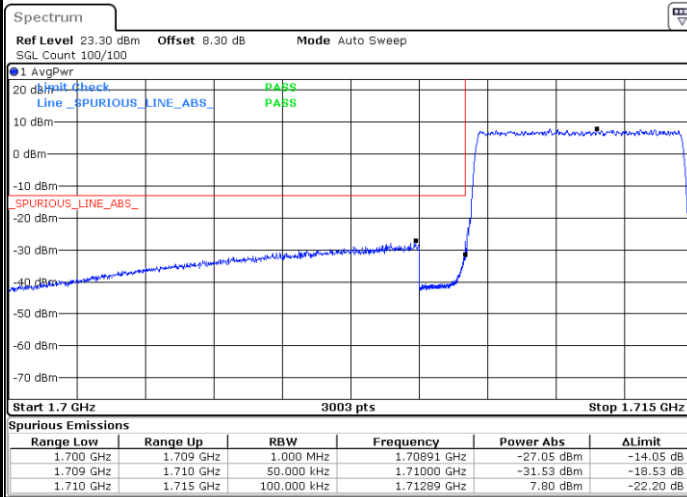
Date: 6.JUN.2023 12:00:31

Highest Band Edge / 1 RB



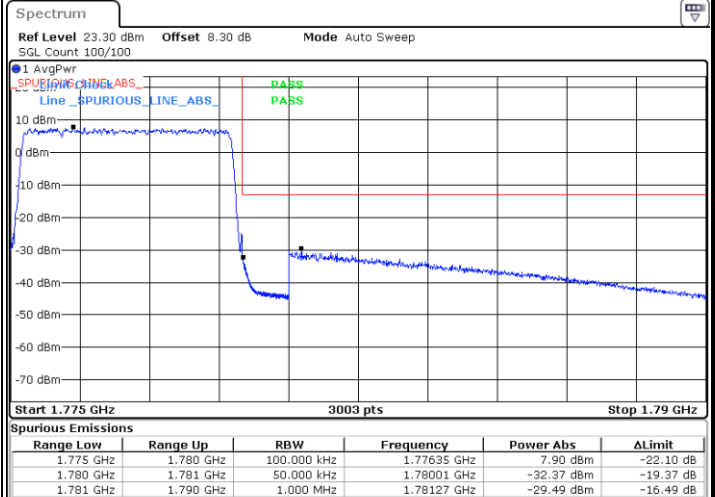
Date: 6.JUN.2023 13:07:44

Lowest Band Edge / Full RB



Date: 6.JUN.2023 11:59:20

Highest Band Edge / Full RB

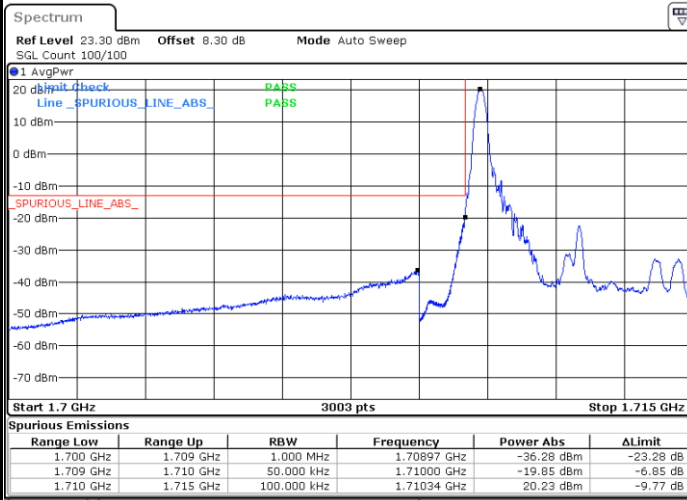


Date: 6.JUN.2023 13:09:21



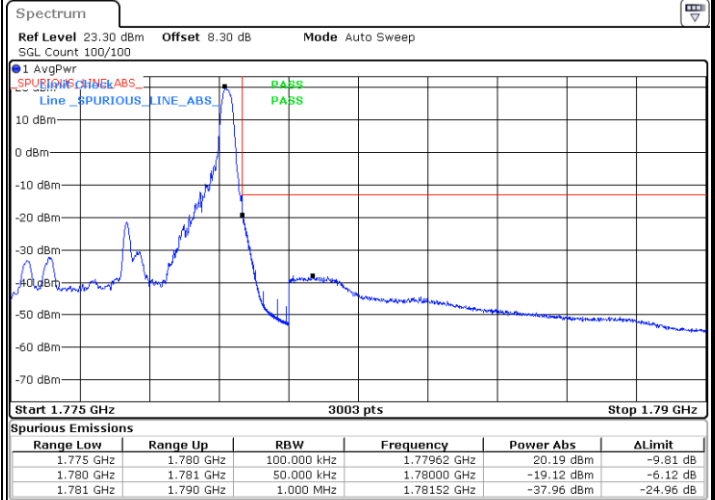
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



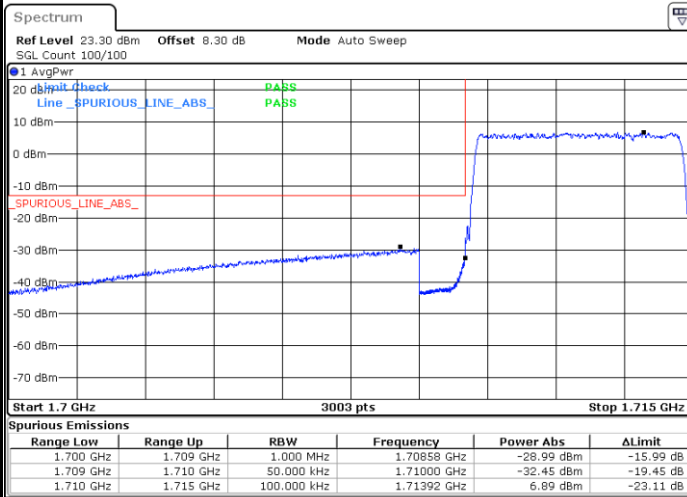
Date: 6.JUN.2023 12:00:07

Highest Band Edge / 1 RB



Date: 6.JUN.2023 13:08:15

Lowest Band Edge / Full RB



Date: 6.JUN.2023 11:59:44

Highest Band Edge / Full RB

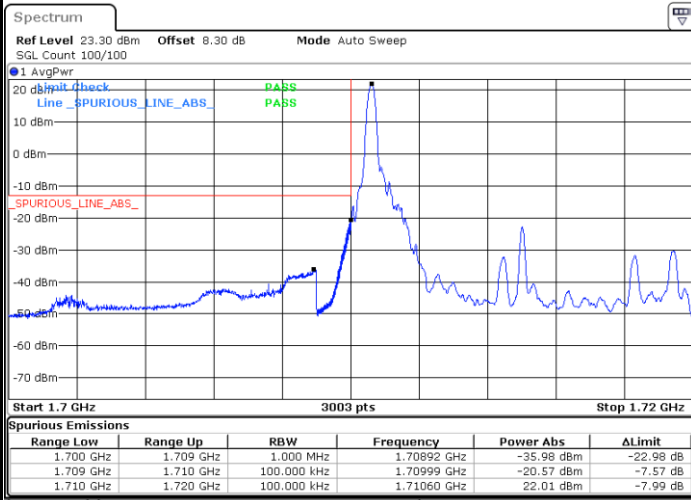


Date: 6.JUN.2023 13:08:41



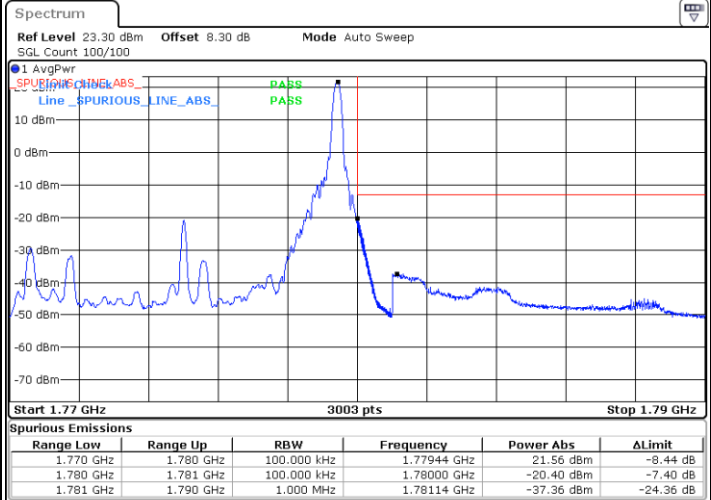
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



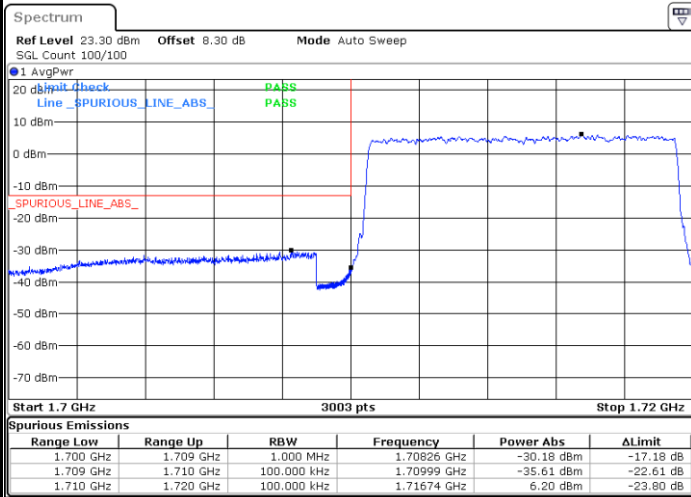
Date: 6 JUN. 2023 13:17:39

Highest Band Edge / 1 RB



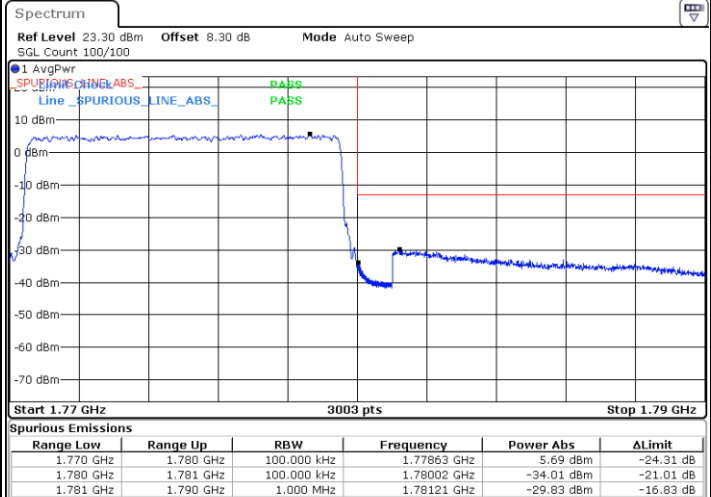
Date: 6 JUN. 2023 13:18:27

Lowest Band Edge / Full RB



Date: 6 JUN. 2023 13:16:01

Highest Band Edge / Full RB

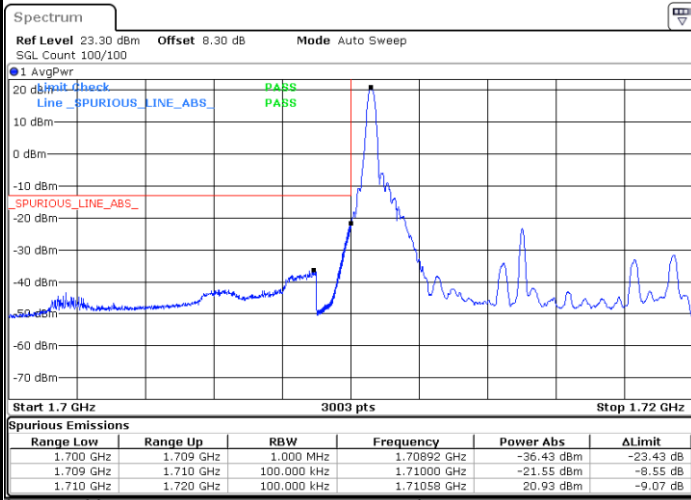


Date: 6 JUN. 2023 13:20:03



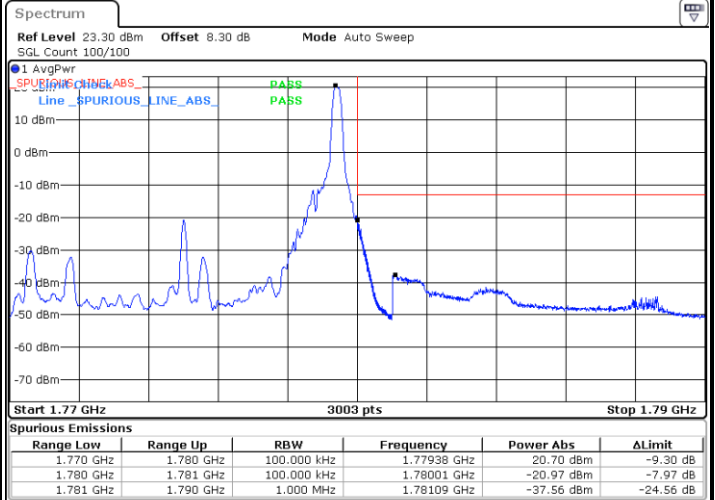
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



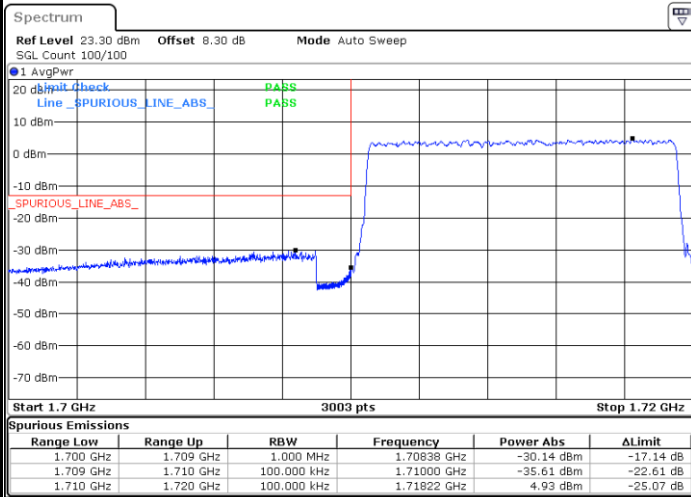
Date: 6.JUN.2023 13:17:19

Highest Band Edge / 1 RB



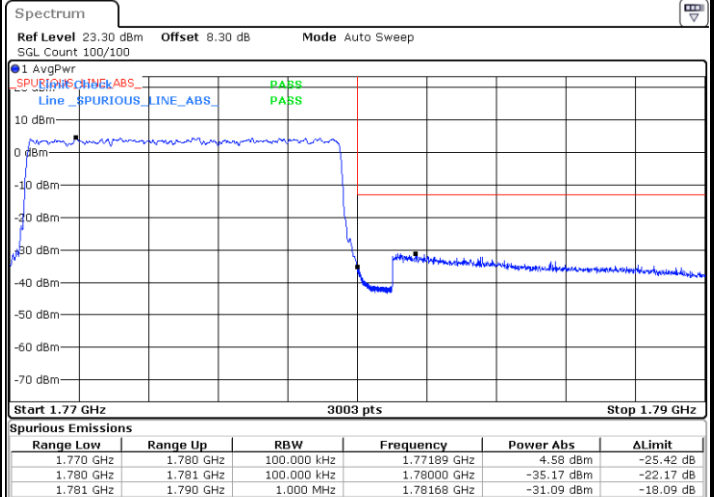
Date: 6.JUN.2023 13:18:45

Lowest Band Edge / Full RB



Date: 6.JUN.2023 13:16:19

Highest Band Edge / Full RB

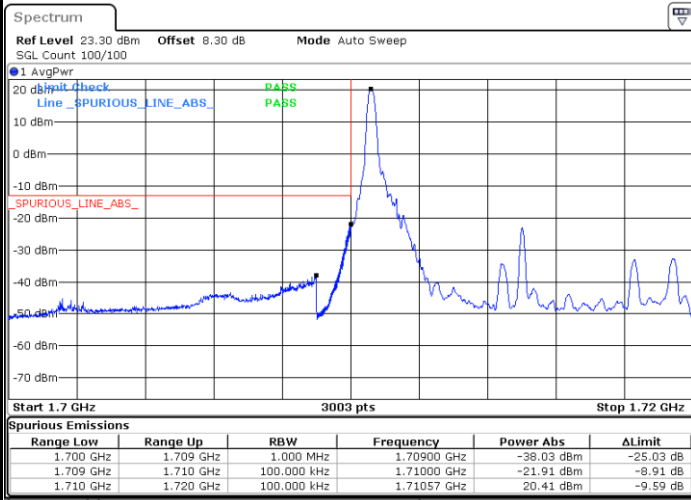


Date: 6.JUN.2023 13:19:45



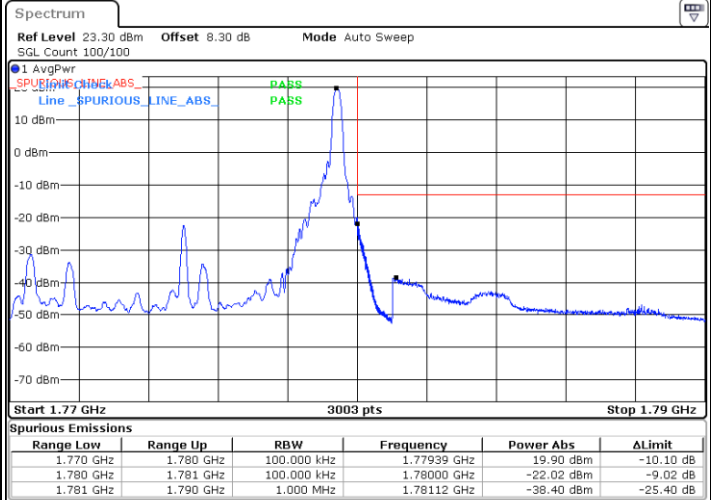
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



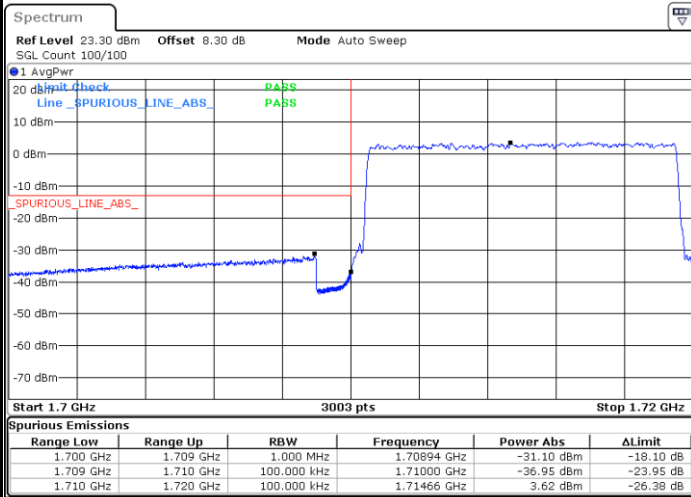
Date: 6.JUN.2023 13:16:59

Highest Band Edge / 1 RB



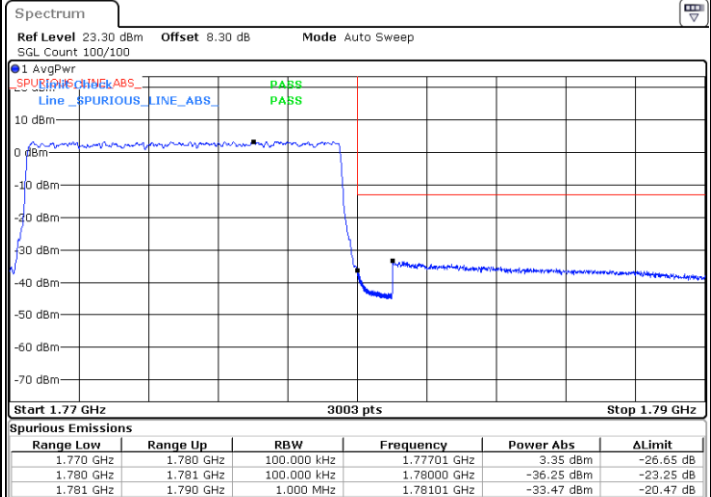
Date: 6.JUN.2023 13:19:07

Lowest Band Edge / Full RB



Date: 6.JUN.2023 13:16:39

Highest Band Edge / Full RB

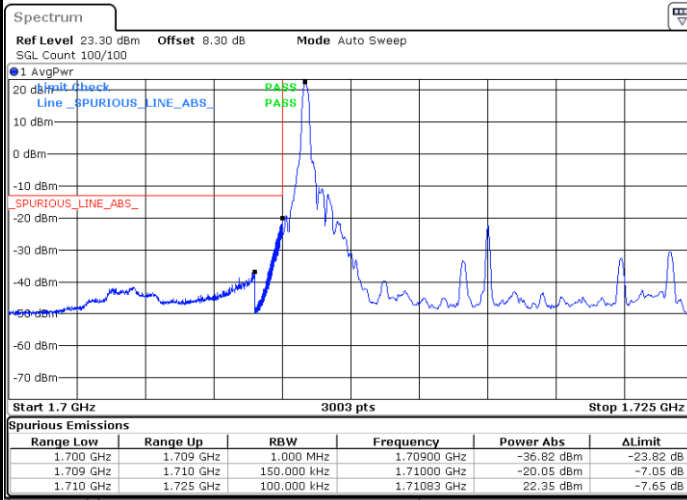


Date: 6.JUN.2023 13:19:27



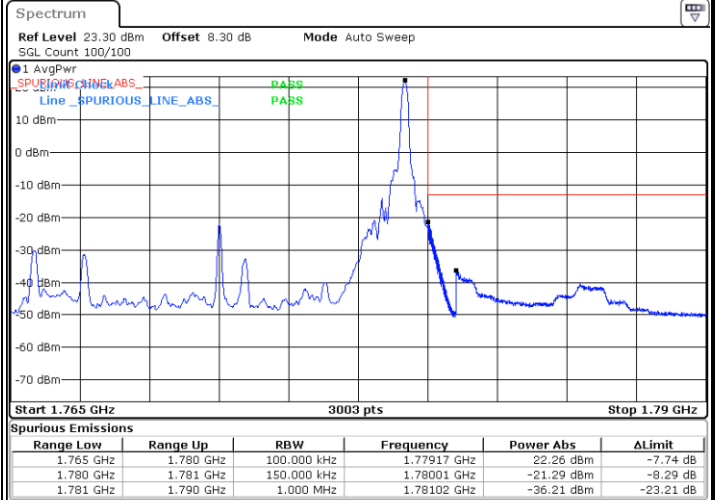
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



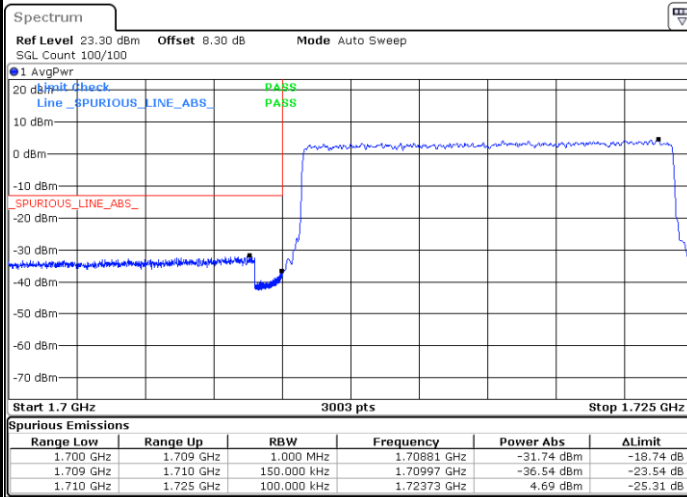
Date: 6.JUN.2023 13:22:36

Highest Band Edge / 1 RB



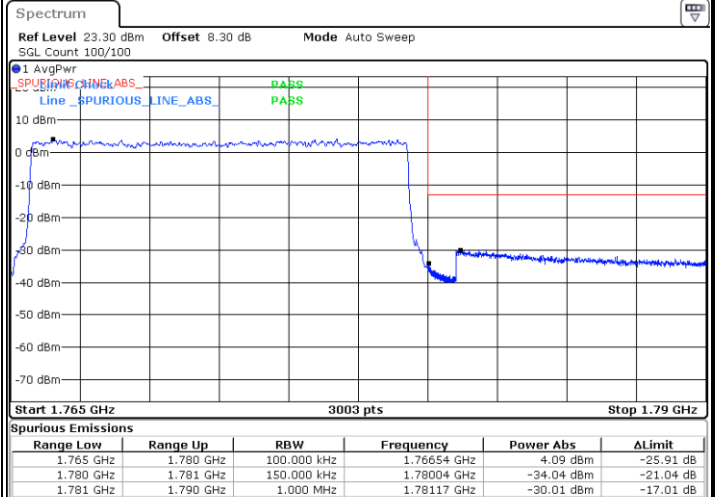
Date: 6.JUN.2023 13:23:23

Lowest Band Edge / Full RB



Date: 6.JUN.2023 13:21:07

Highest Band Edge / Full RB

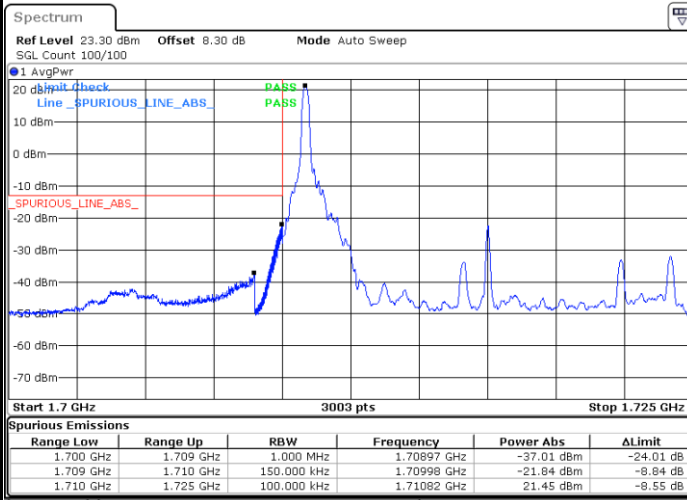


Date: 6.JUN.2023 13:24:49



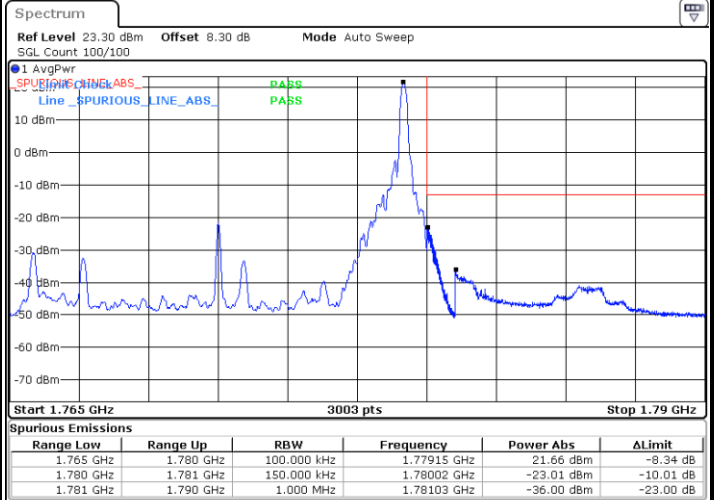
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



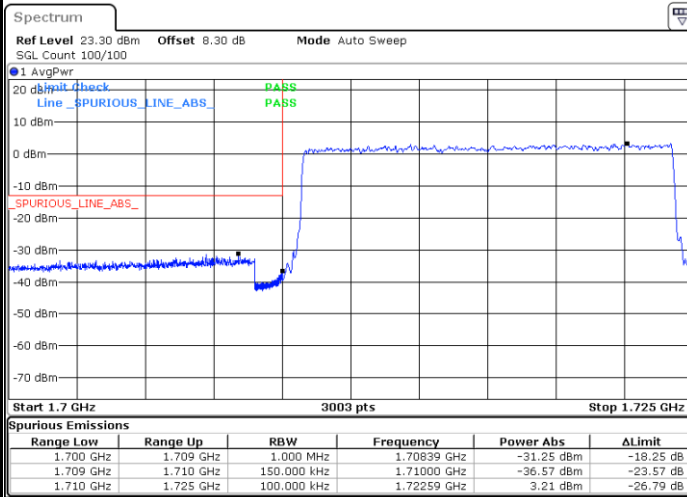
Date: 6 JUN.2023 13:22:17

Highest Band Edge / 1 RB



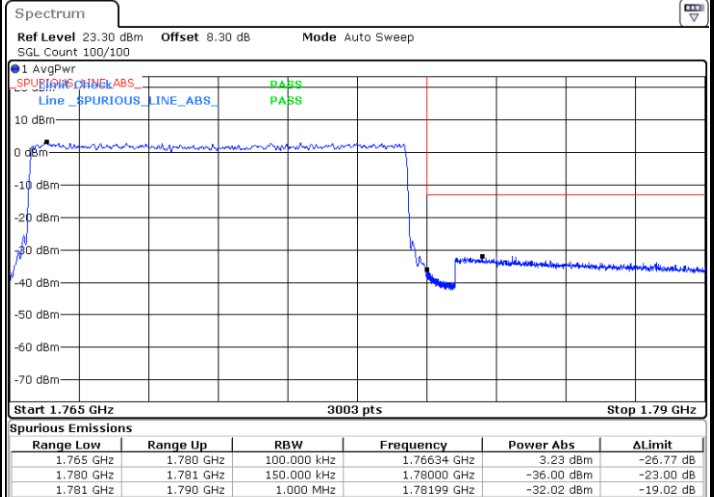
Date: 6 JUN.2023 13:23:39

Lowest Band Edge / Full RB



Date: 6 JUN.2023 13:21:24

Highest Band Edge / Full RB

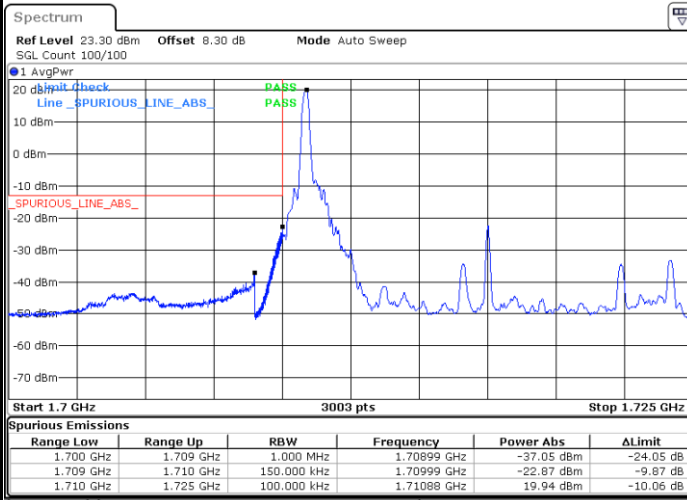


Date: 6 JUN.2023 13:24:32



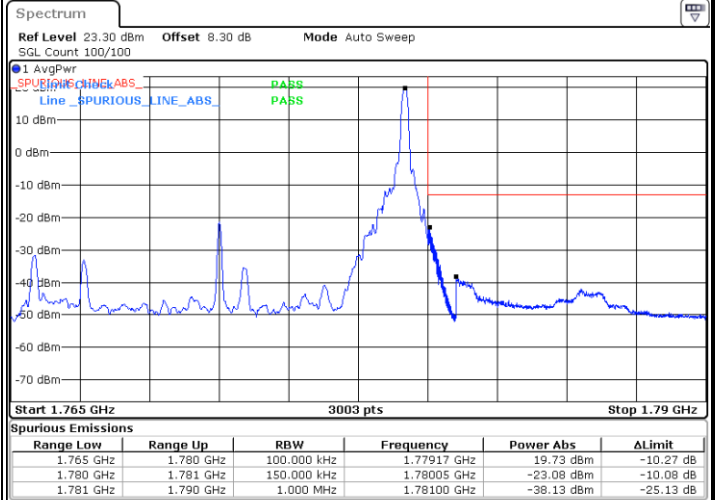
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



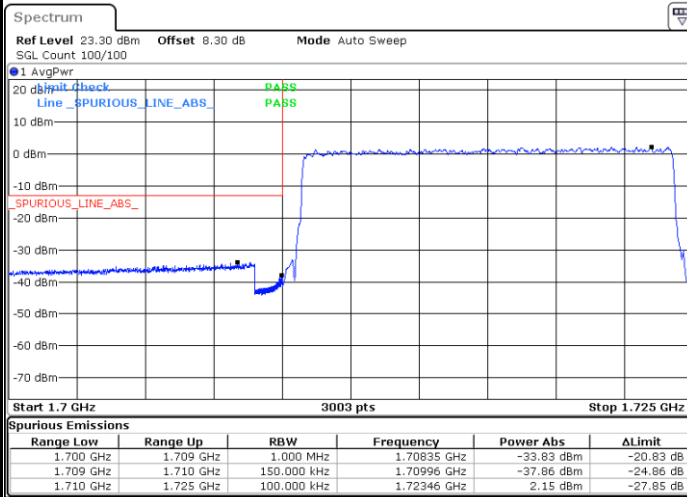
Date: 6.JUN.2023 13:22:00

Highest Band Edge / 1 RB



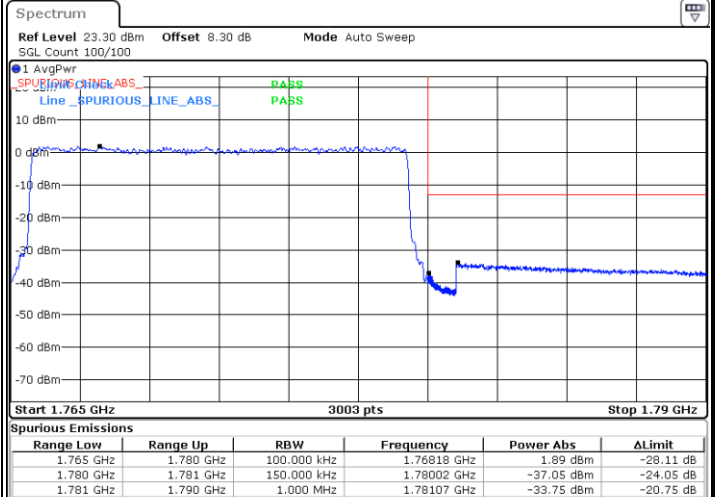
Date: 6.JUN.2023 13:23:56

Lowest Band Edge / Full RB



Date: 6.JUN.2023 13:21:40

Highest Band Edge / Full RB

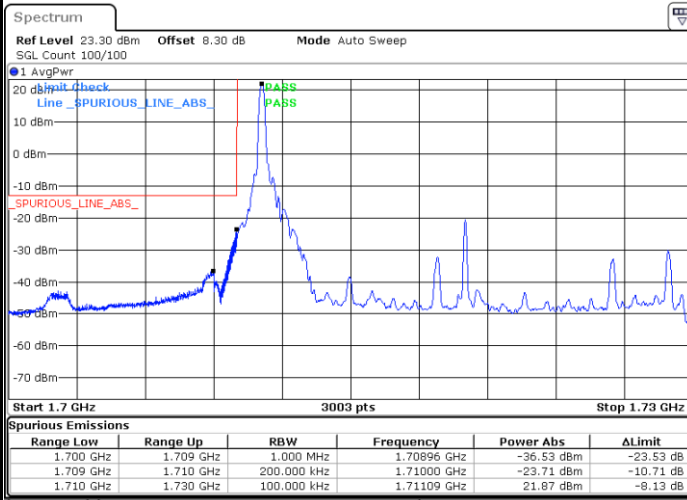


Date: 6.JUN.2023 13:24:16

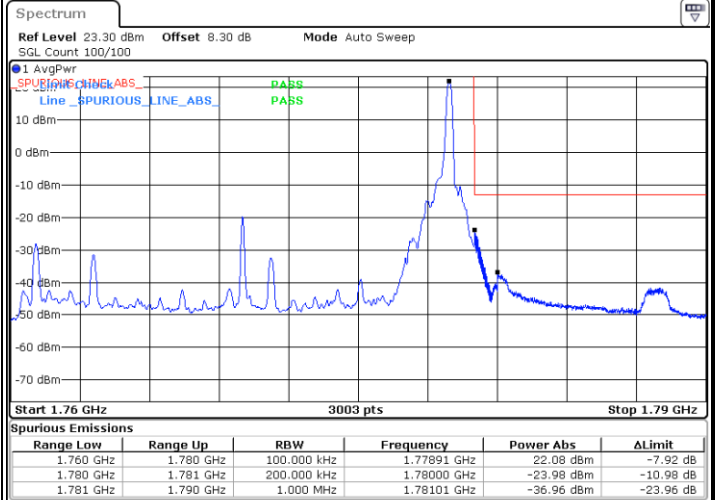


LTE Band 66 / 20MHz / QPSK

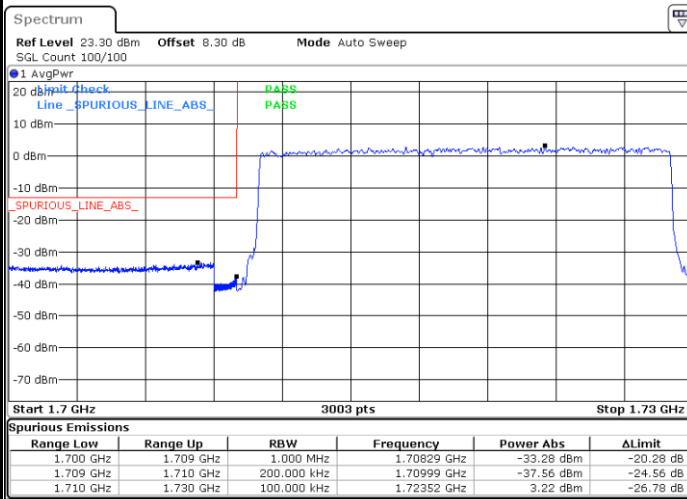
Lowest Band Edge / 1 RB



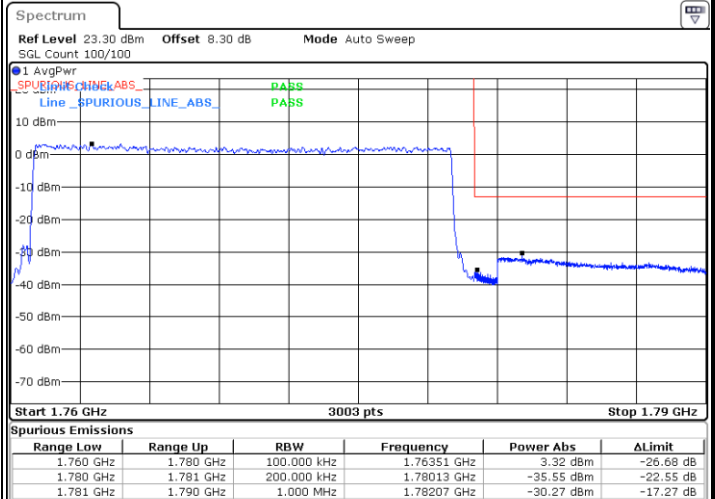
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



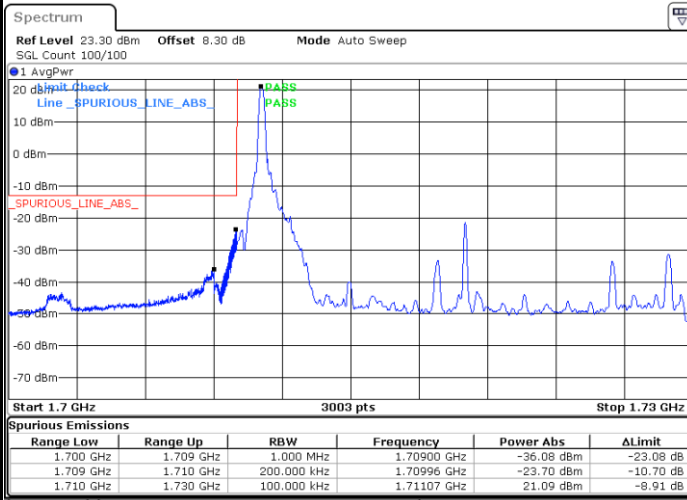
Highest Band Edge / Full RB





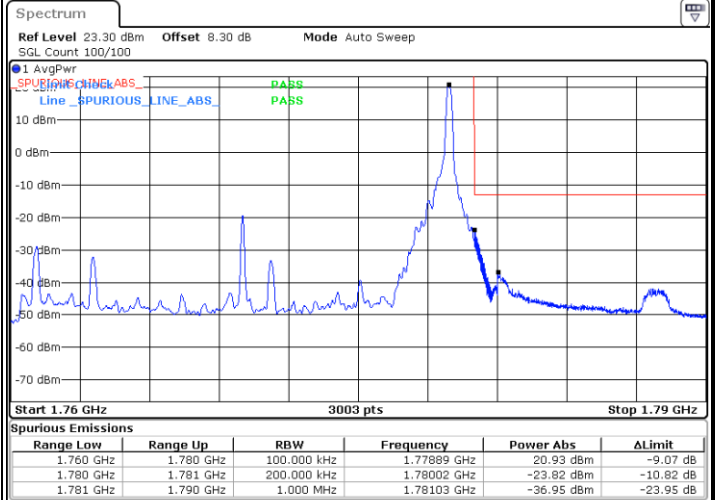
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



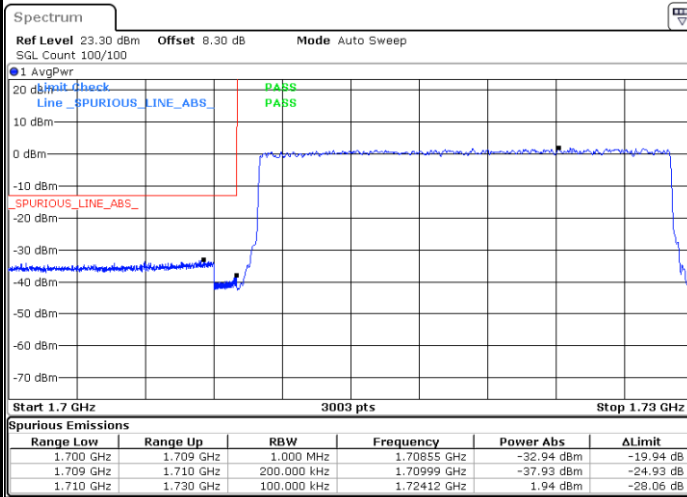
Date: 6.JUN.2023 13:30:02

Highest Band Edge / 1 RB



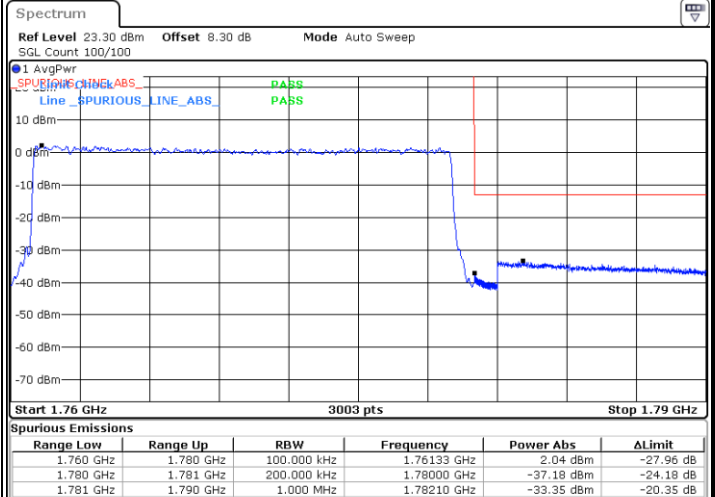
Date: 6.JUN.2023 13:36:36

Lowest Band Edge / Full RB



Date: 6.JUN.2023 13:27:48

Highest Band Edge / Full RB

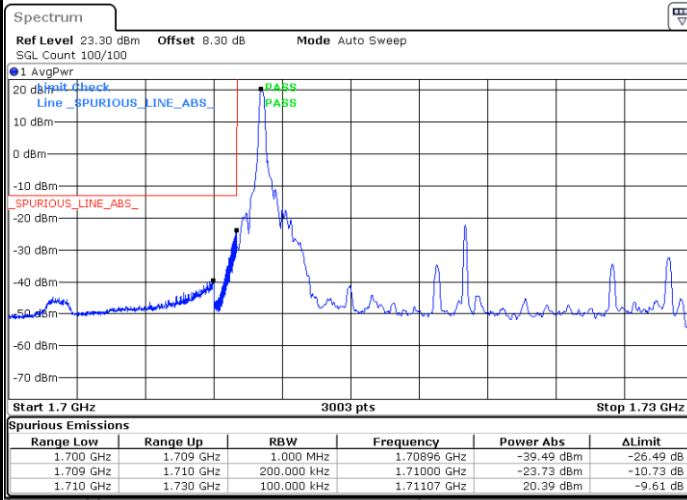


Date: 6.JUN.2023 13:34:38



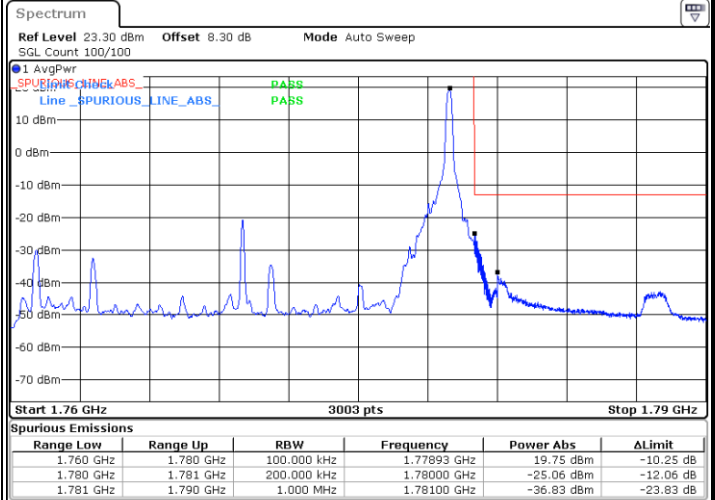
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



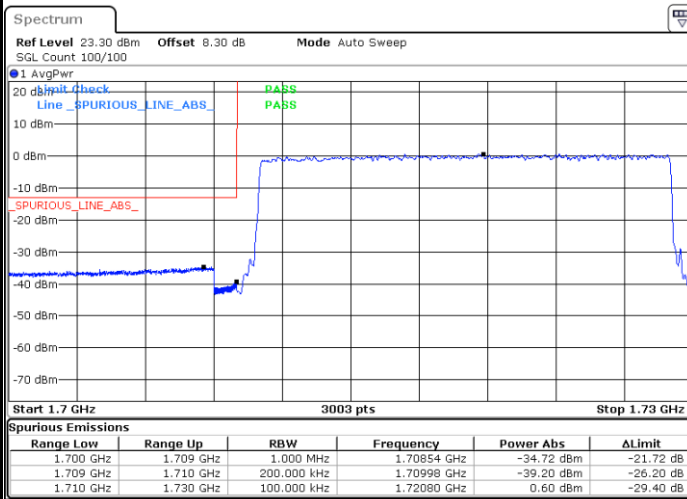
Date: 6.JUN.2023 13:29:16

Highest Band Edge / 1 RB



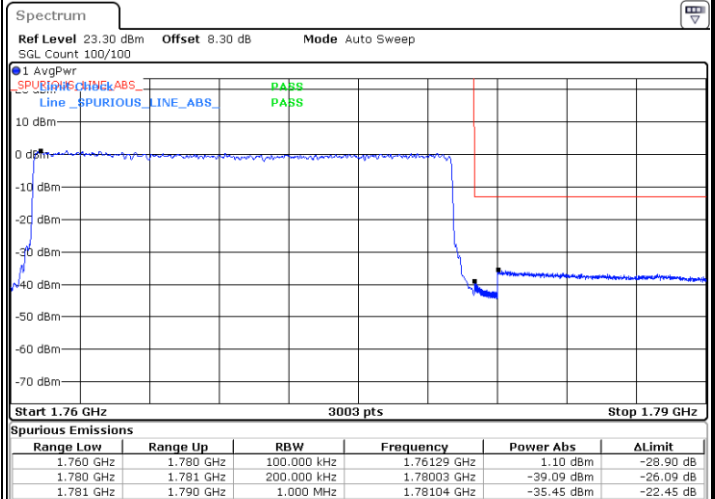
Date: 6.JUN.2023 13:36:53

Lowest Band Edge / Full RB



Date: 6.JUN.2023 13:28:06

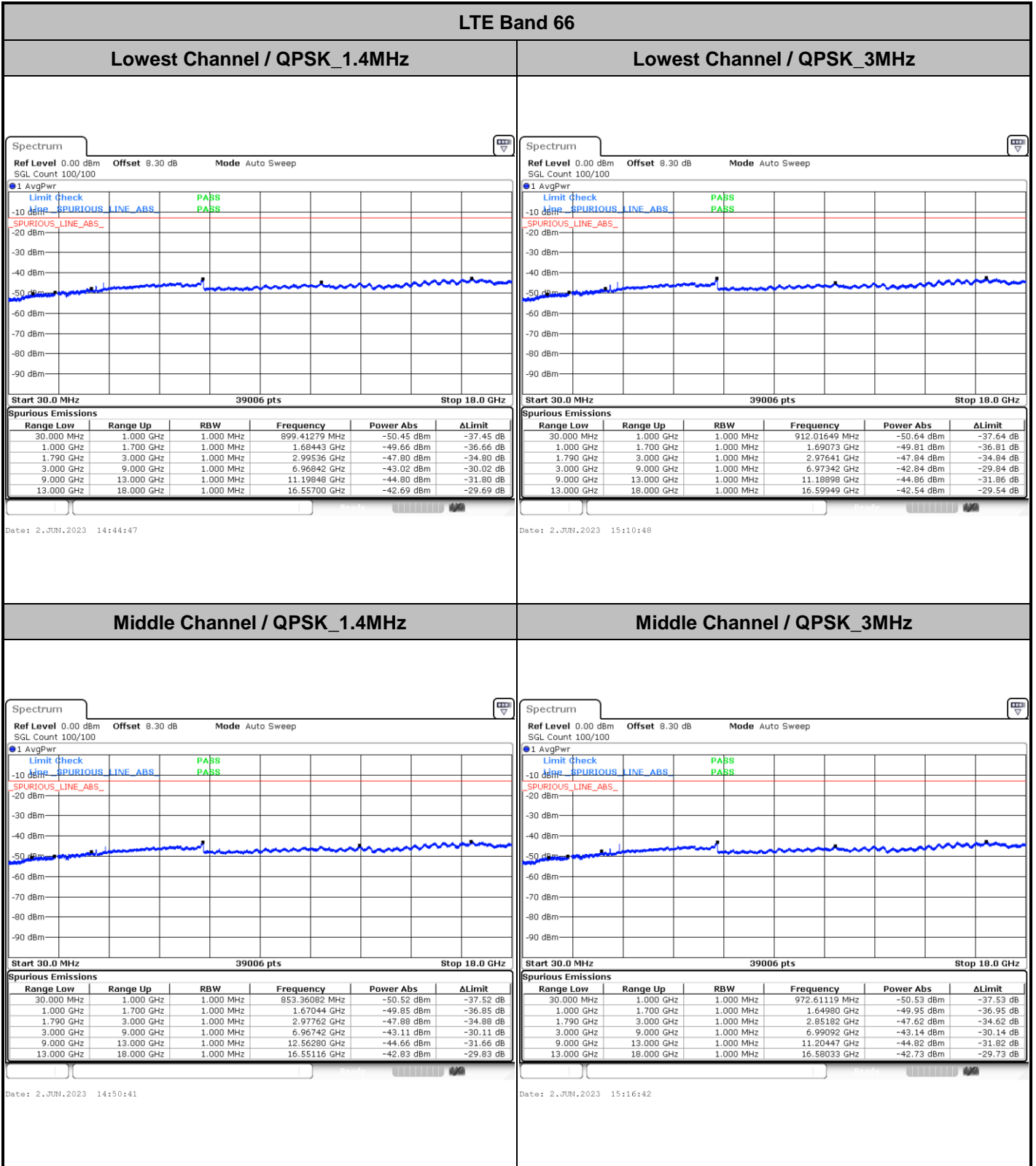
Highest Band Edge / Full RB



Date: 6.JUN.2023 13:35:05



Conducted Spurious Emission

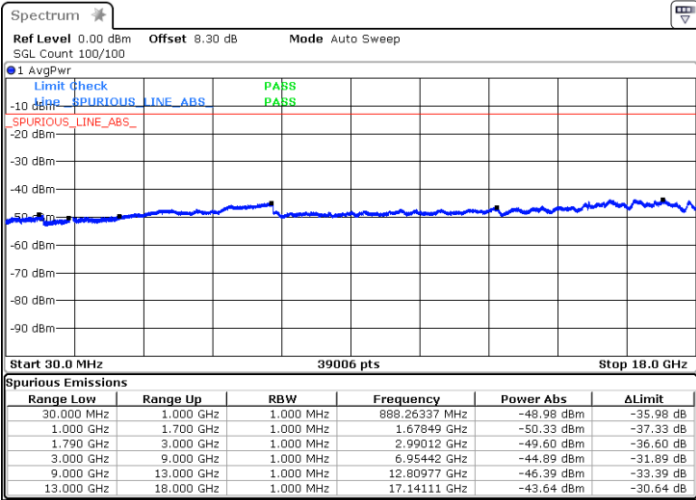




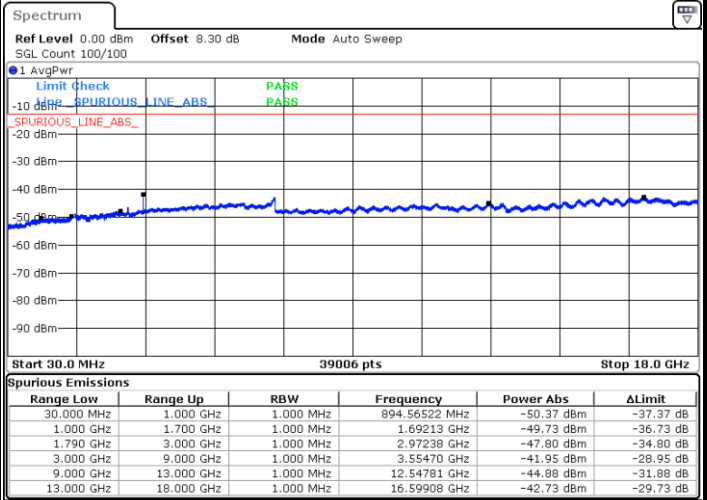
LTE Band 66

Highest Channel / QPSK_1.4MHz

Highest Channel / QPSK_3MHz



Date: 6 JUN 2023 14:56:01



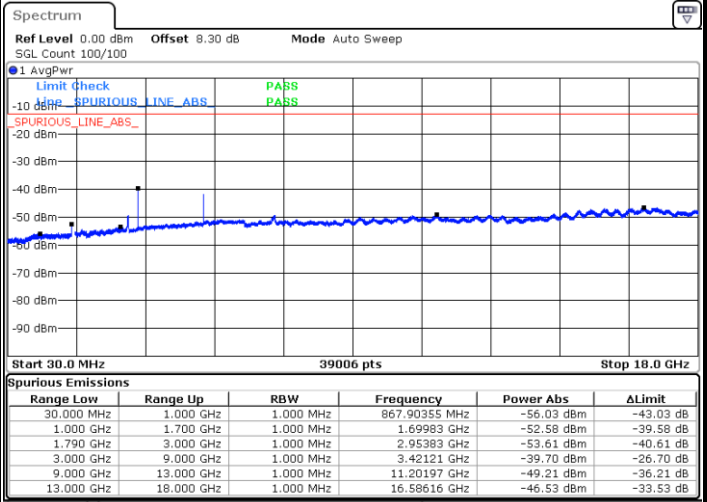
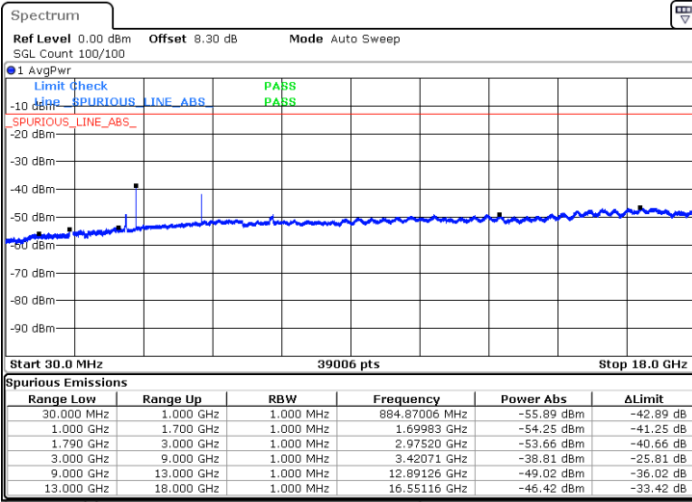
Date: 2 JUN 2023 15:22:36



LTE Band 66

Lowest Channel / QPSK_5MHz

Lowest Channel / QPSK_10MHz

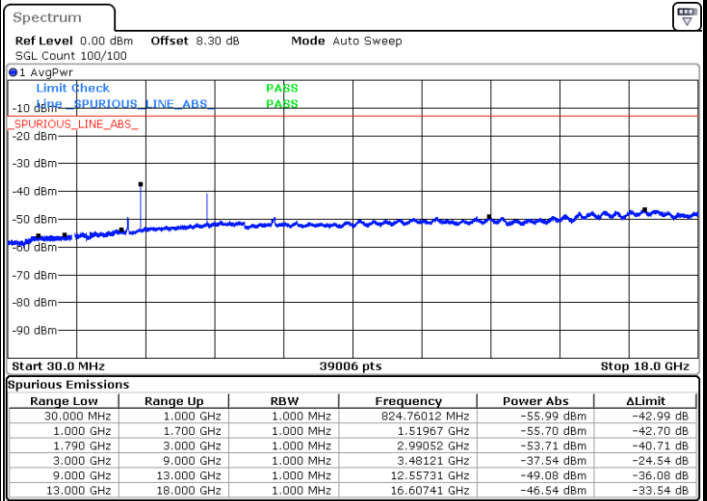
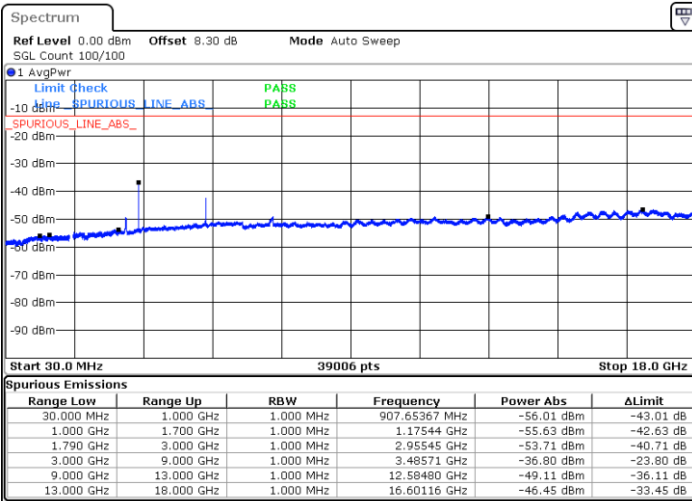


Date: 2 JUN.2023 15:45:13

Date: 2 JUN.2023 16:02:54

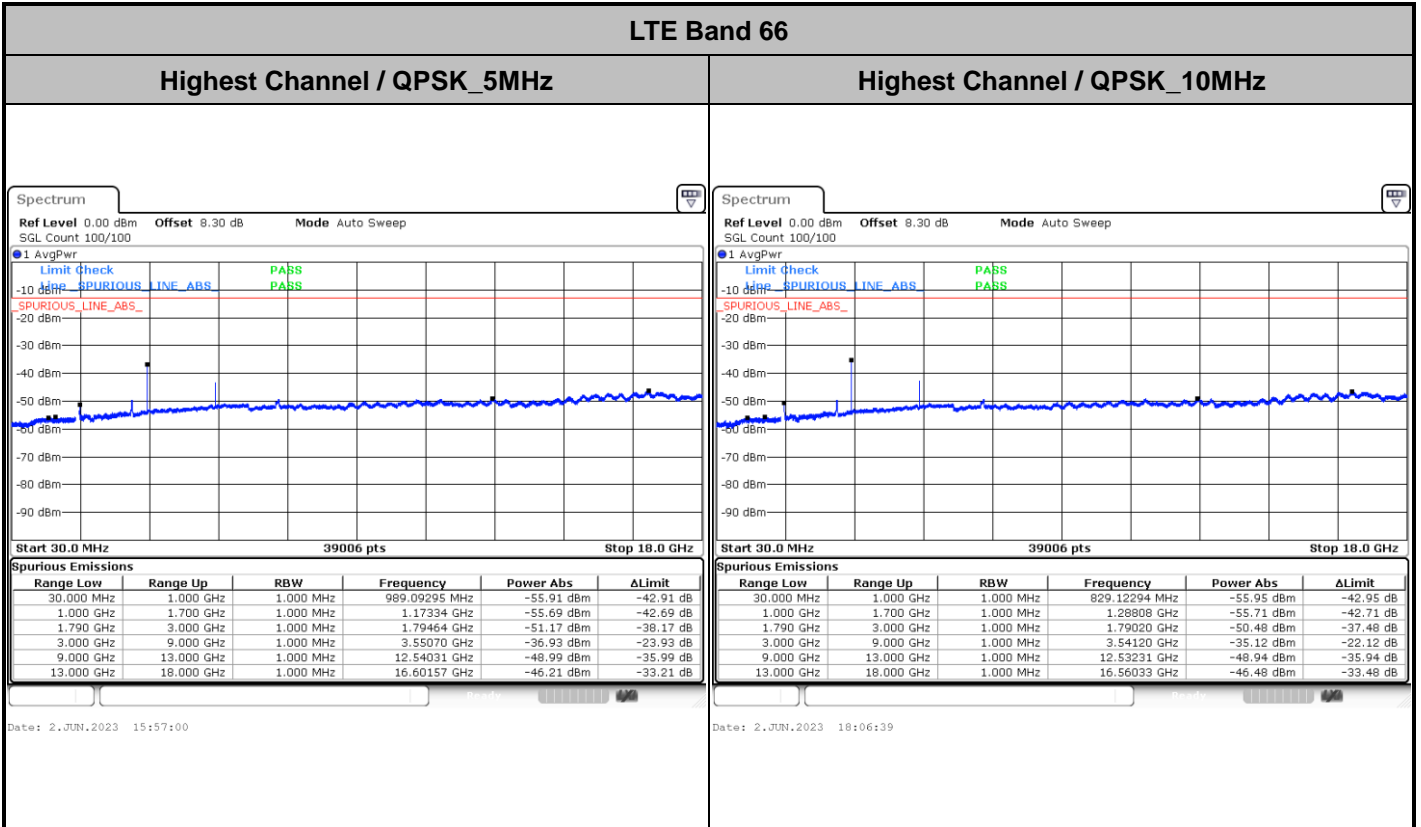
Middle Channel / QPSK_5MHz

Middle Channel / QPSK_10MHz



Date: 2 JUN.2023 15:51:07

Date: 2 JUN.2023 18:00:51

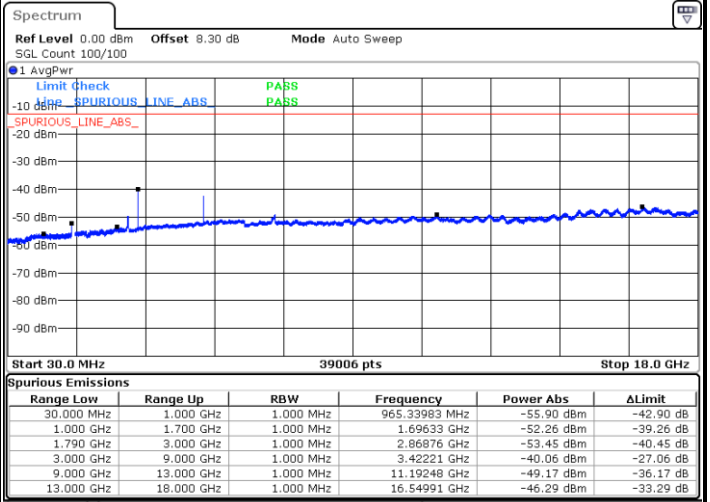
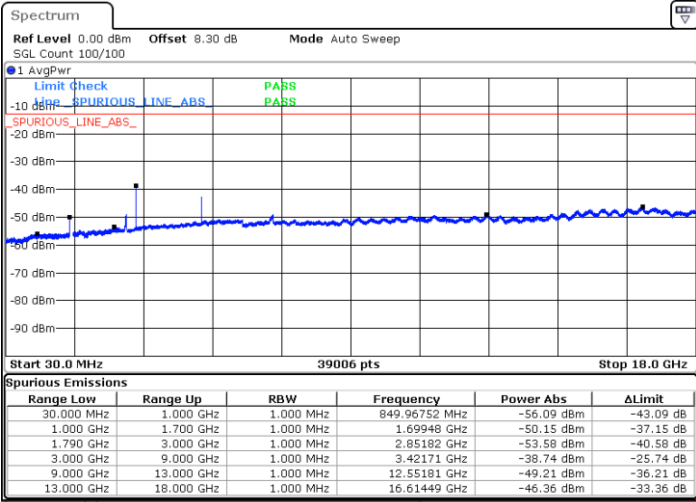




LTE Band 66

Lowest Channel / QPSK_15MHz

Lowest Channel / QPSK_20MHz

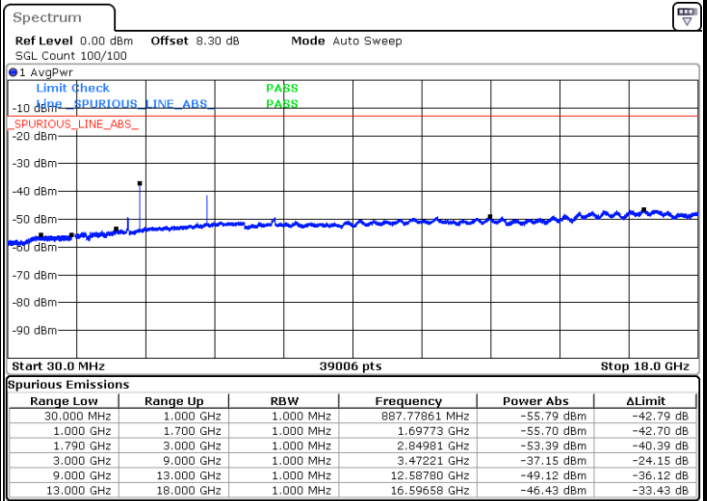
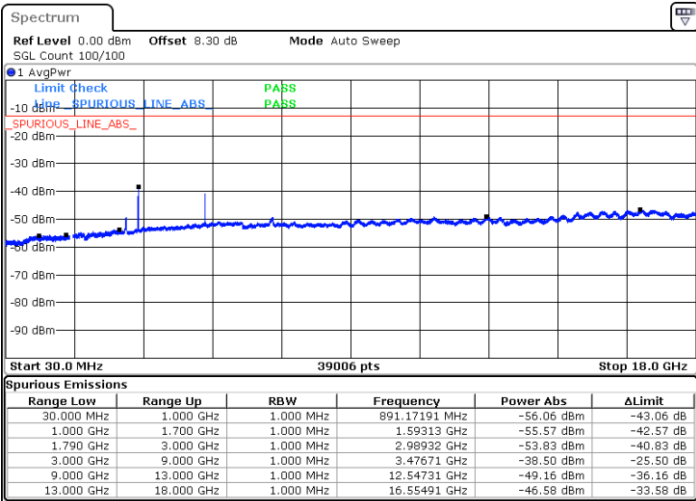


Date: 2 JUN. 2023 18:25:22

Date: 2 JUN. 2023 18:36:48

Middle Channel / QPSK_15MHz

Middle Channel / QPSK_20MHz



Date: 2 JUN. 2023 18:29:10

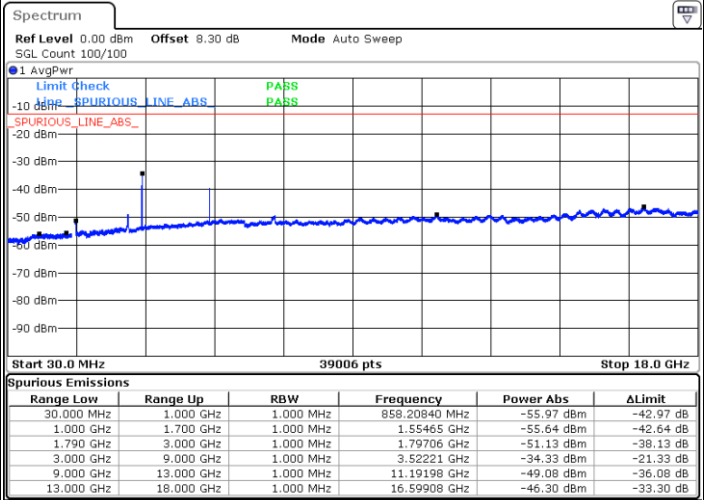
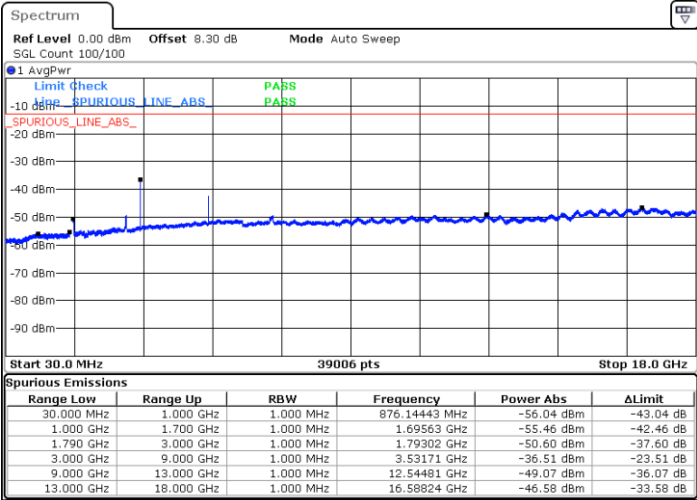
Date: 2 JUN. 2023 18:40:36



LTE Band 66

Highest Channel / QPSK_15MHz

Highest Channel / QPSK_20MHz



Date: 2 JUN 2023 18:32:59

Date: 2 JUN 2023 20:16:02



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	0.0006	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.47 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 :	Shiwei Wen	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE pretest all the support Antennas, only the worst results are shown in the report.

(Main PA) LTE Band 4 / 20MHz / QPSK / ANT4									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447.18	-62.10	-13	-49.10	-78.44	-68.95	5.65	12.50	H
	5170.77	-59.26	-13	-46.26	-81.05	-64.93	7.13	12.80	H
	6894.36	-55.21	-13	-42.21	-80.97	-58.61	8.40	11.80	H
	3447.18	-62.04	-13	-49.04	-78.42	-68.89	5.65	12.50	V
	5170.77	-58.94	-13	-45.94	-81	-64.61	7.13	12.80	V
	6894.36	-54.83	-13	-41.83	-81.07	-58.23	8.40	11.80	V

LTE Band 25 / 20MHz / QPSK / ANT4									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3747	-57.96	-13	-44.96	-80.45	-64.71	5.85	12.60	H
	5620.5	-57.13	-13	-44.13	-81.63	-62.93	7.30	13.10	H
	7494	-54.53	-13	-41.53	-81.53	-57.68	8.35	11.50	H
	3747	-55.25	-13	-42.25	-80.9	-62.00	5.85	12.60	V
	5620.5	-56.45	-13	-43.45	-81.45	-62.25	7.30	13.10	V
	7494	-54.36	-13	-41.36	-81.35	-57.51	8.35	11.50	V

LTE Band 26 / 15MHz / QPSK / ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1659.5	-64.87	-13	-51.87	-77.07	-68.12	4.00	9.40	H
	2489.25	-60.13	-13	-47.13	-79.51	-63.70	4.88	10.60	H
	3319	-59.31	-13	-46.31	-80.46	-64.24	5.52	12.60	H
	1659.5	-64.50	-13	-51.50	-77.37	-67.75	4.00	9.40	V
	2489.25	-59.99	-13	-46.99	-79.63	-63.56	4.88	10.60	V
	3319	-58.55	-13	-45.55	-80.40	-63.48	5.52	12.60	V



(Main PA) LTE Band 66 / 20MHz / QPSK / ANT4									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3472	-58.31	-13	-45.31	-80.56	-65.16	5.65	12.50	H
	5208	-56.68	-13	-43.68	-81.59	-62.35	7.13	12.80	H
	6944	-55.25	-13	-42.25	-81.58	-58.65	8.40	11.80	H
	3472	-57.77	-13	-44.77	-79.82	-64.62	5.65	12.50	V
	5208	-56.37	-13	-43.37	-81.45	-62.04	7.13	12.80	V
	6944	-54.82	-13	-41.82	-81.88	-58.22	8.40	11.80	V

(Ohter PA) DC_66A_n7A / LTE 20MHz +NR 50MHz / QPSK / ANT4(LTE) +ANT1(NR)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B66 Middle	3472	-57.45	-13	-44.45	-79.70	-78.86	5.65	12.50	H
	5070	-56.76	-13	-43.76	-80.80	-81.30	7.13	12.80	H
	6944	-55.18	-13	-42.18	-81.51	-81.50	8.40	11.80	H
	3472	-56.88	-13	-43.88	-78.93	-79.59	5.65	12.50	V
	5208	-55.75	-13	-42.75	-80.83	-80.84	7.13	12.80	V
	6944	-54.23	-13	-41.23	-81.29	-81.36	8.40	11.80	V

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