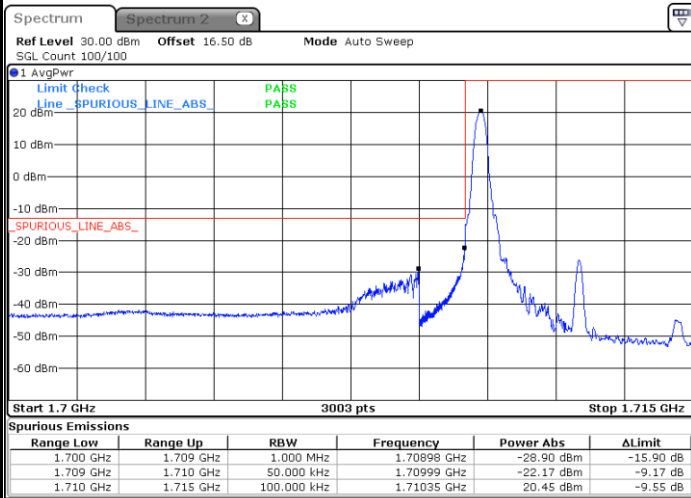


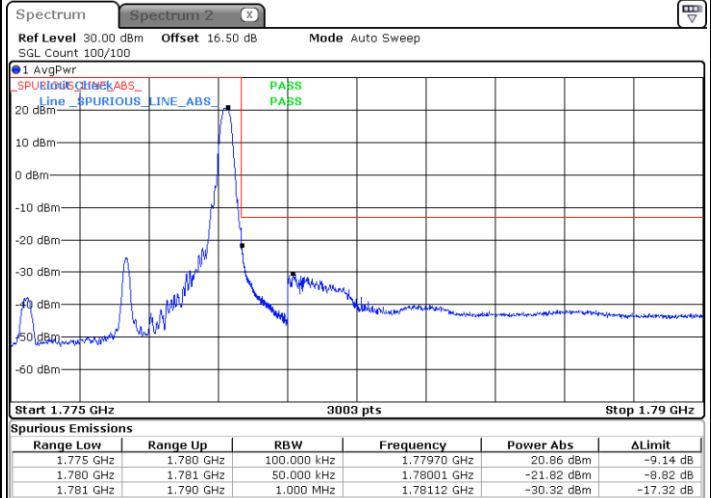


LTE Band 66 / 5MHz / QPSK

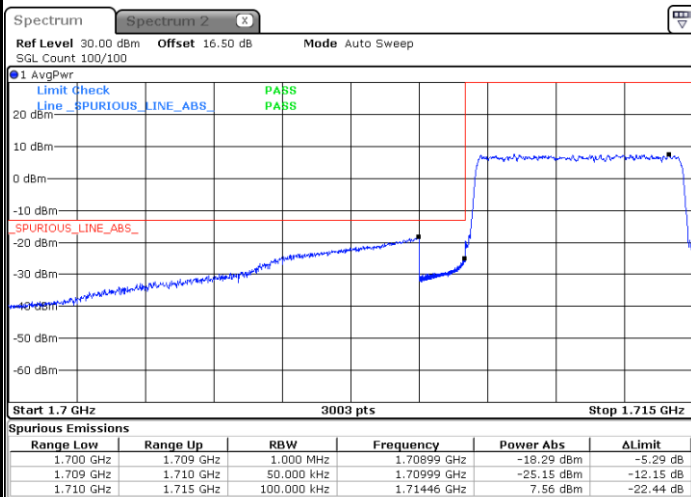
Lowest Band Edge / 1 RB



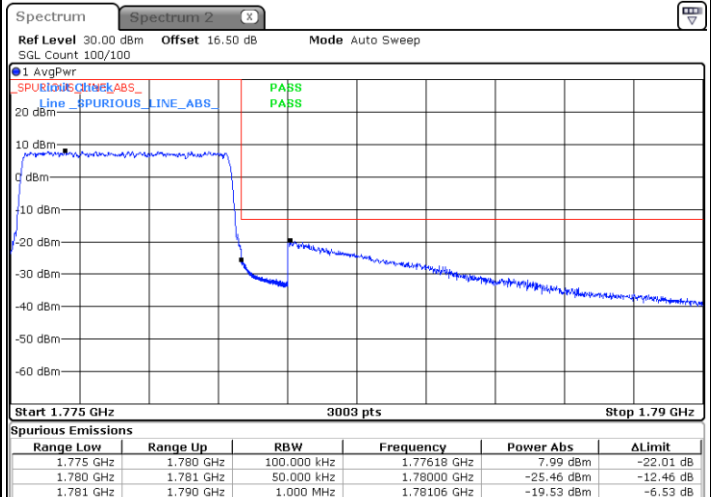
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



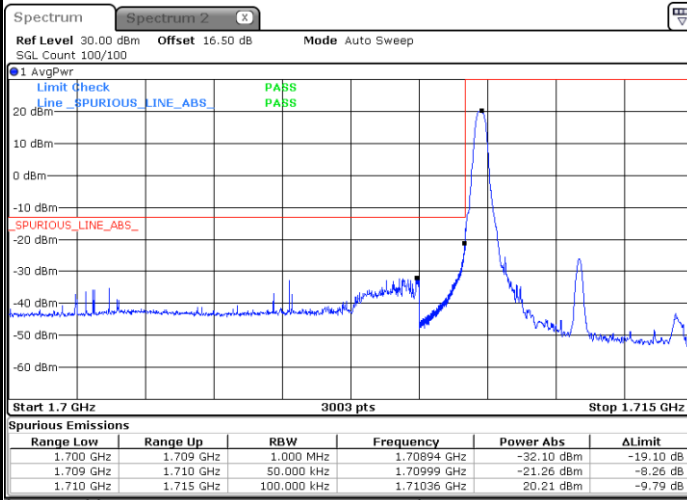
Highest Band Edge / Full RB



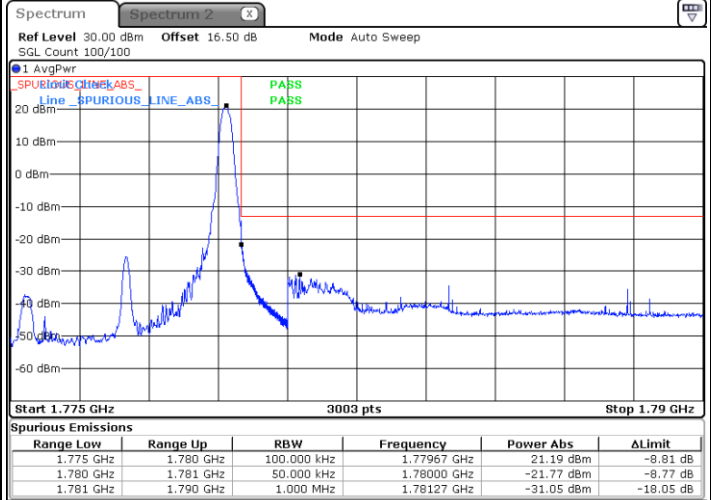


LTE Band 66 / 5MHz / 16QAM

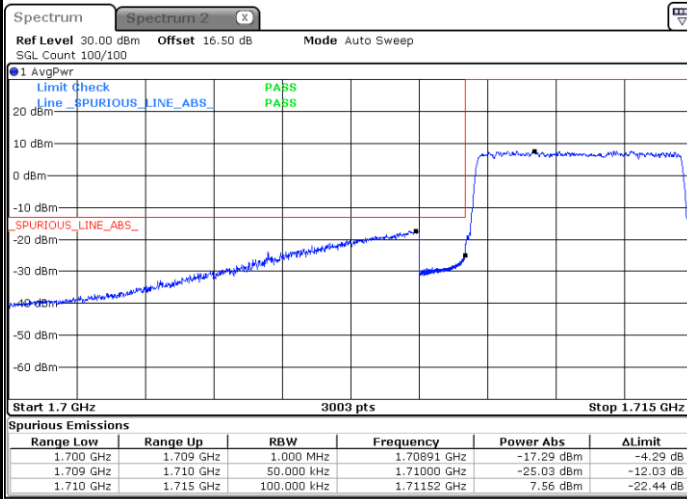
Lowest Band Edge / 1RB



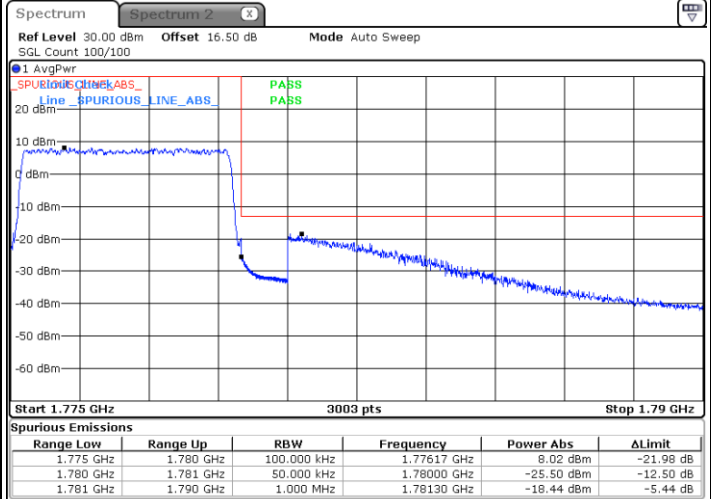
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



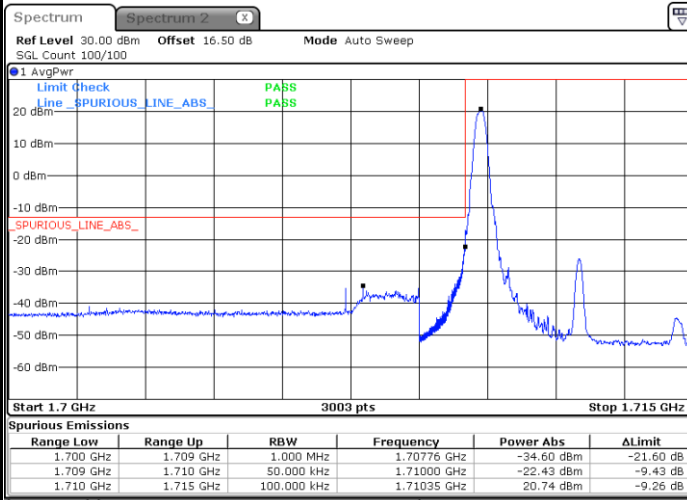
Highest Band Edge / Full RB



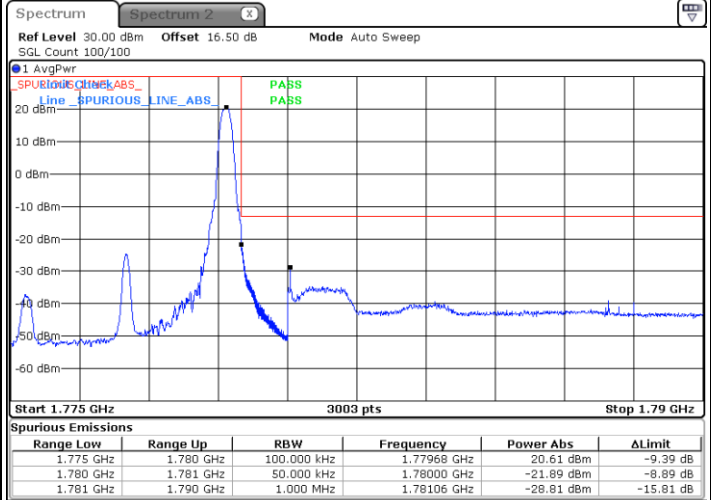


LTE Band 66 / 5MHz / 64QAM

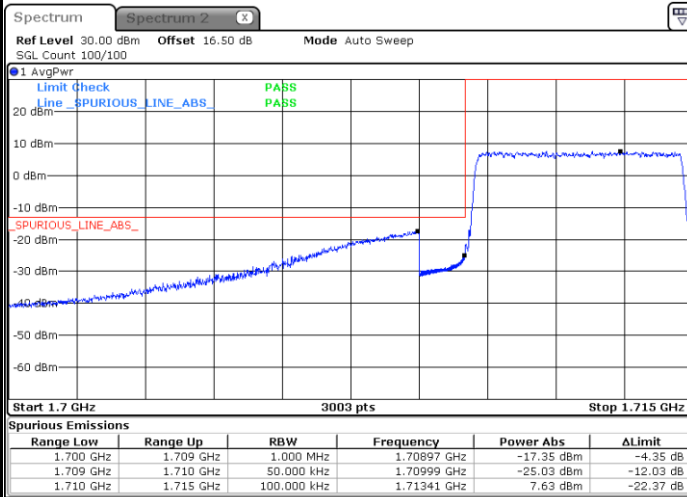
Lowest Band Edge / 1RB



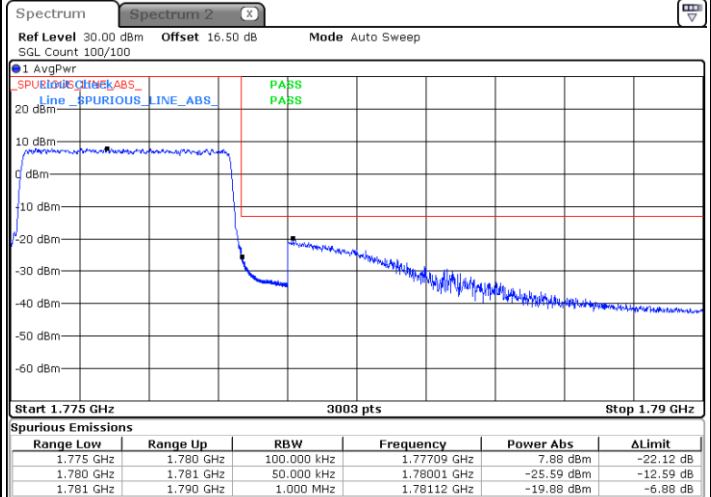
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



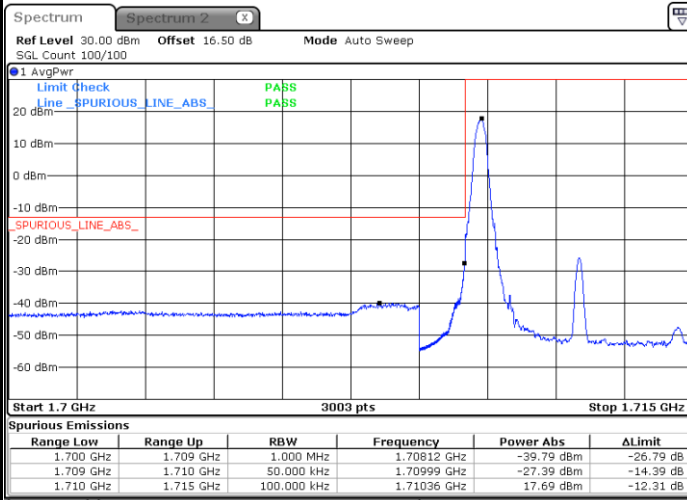
Highest Band Edge / Full RB





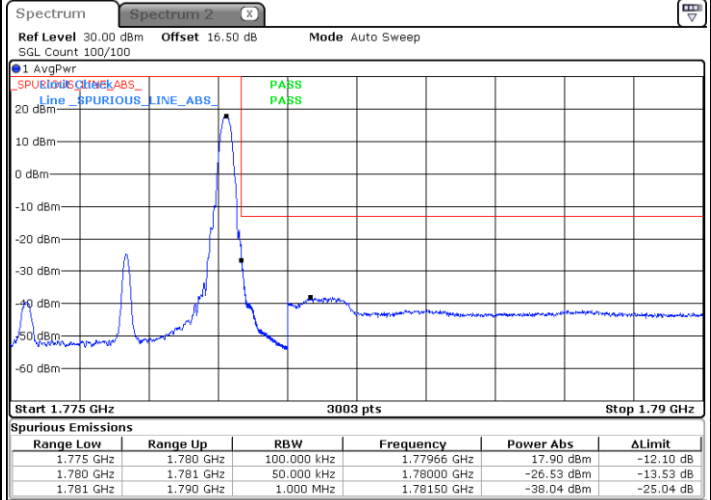
LTE Band 66 / 5MHz /256QAM

Lowest Band Edge / 1RB



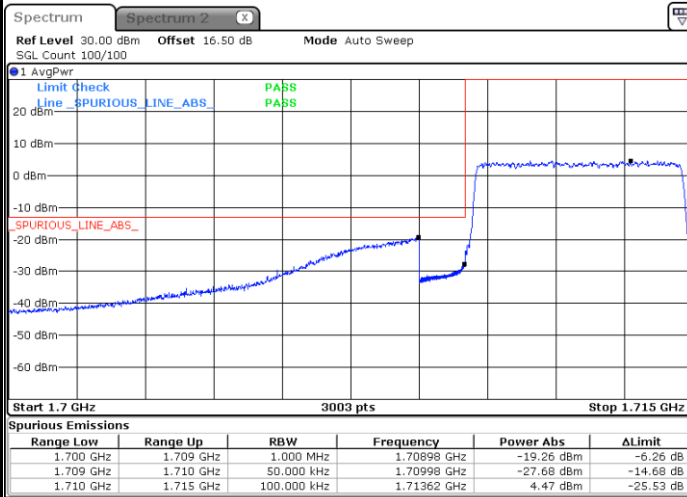
Date: 30.SEP.2022 04:08:58

Highest Band Edge / 1 RB



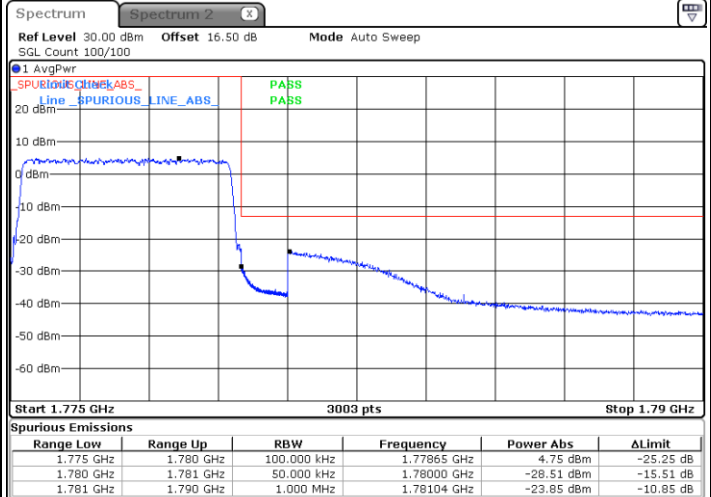
Date: 30.SEP.2022 04:18:10

Lowest Band Edge / Full RB



Date: 30.SEP.2022 04:09:27

Highest Band Edge / Full RB



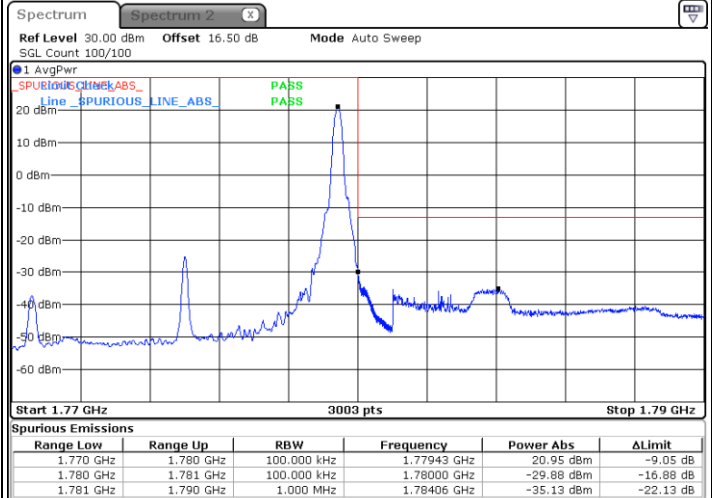
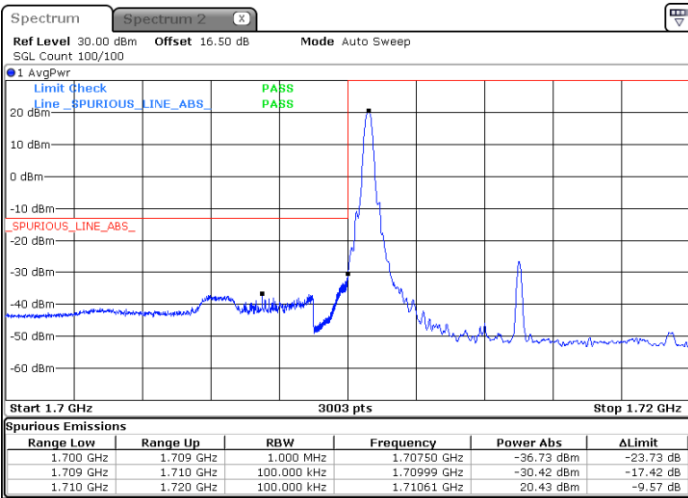
Date: 30.SEP.2022 04:16:41



LTE Band 66 / 10MHz / QPSK

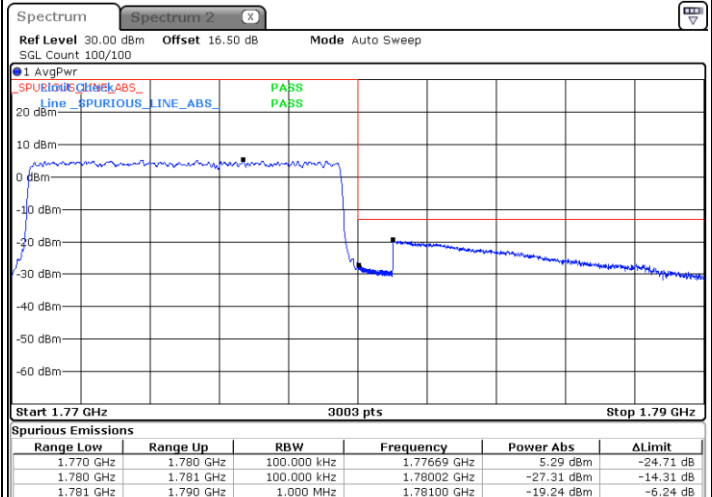
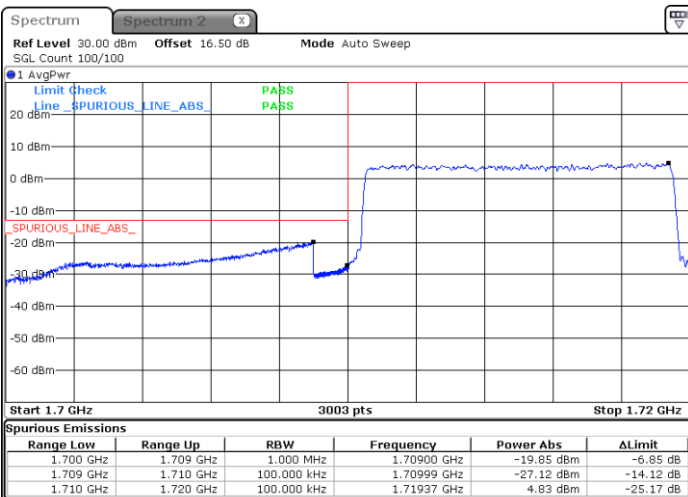
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

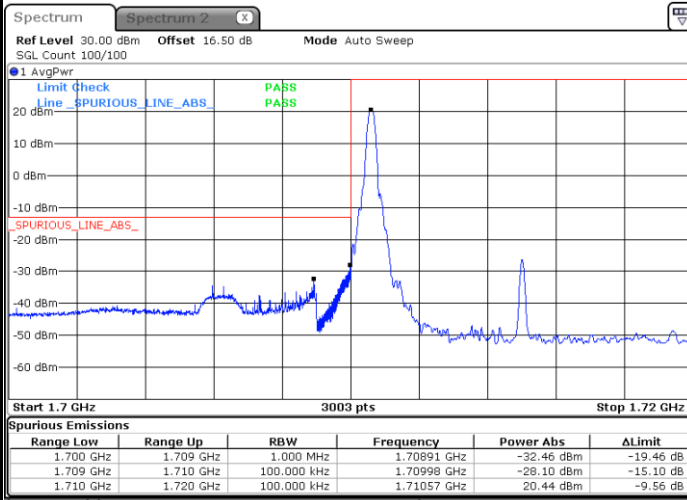
Highest Band Edge / Full RB





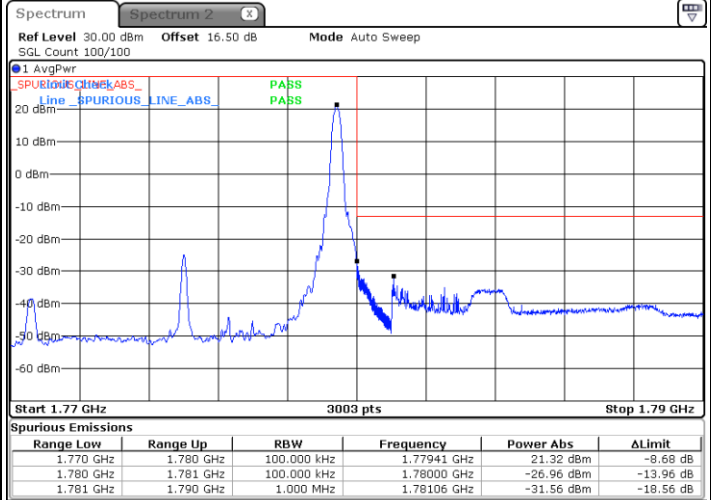
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



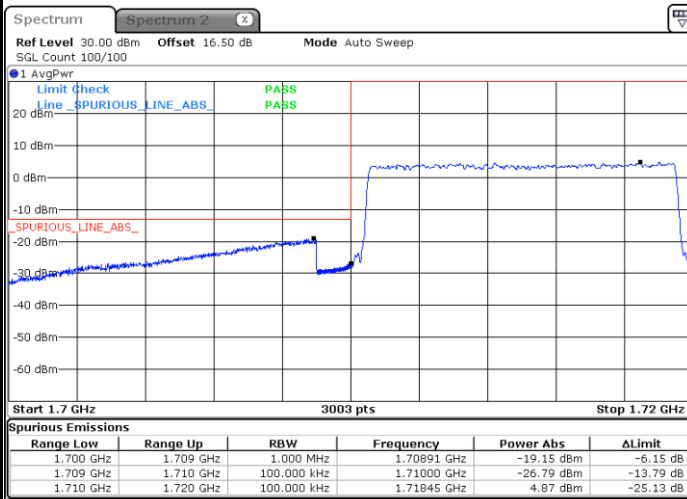
Date: 30.SEP.2022 03:48:47

Highest Band Edge / 1 RB



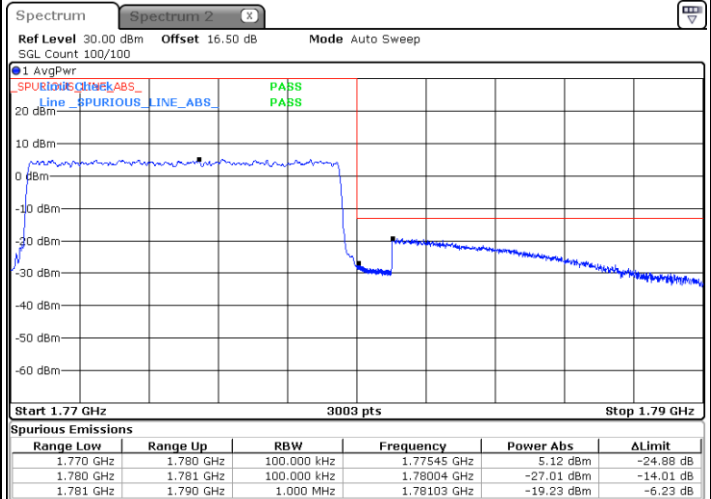
Date: 30.SEP.2022 03:56:09

Lowest Band Edge / Full RB



Date: 30.SEP.2022 03:52:58

Highest Band Edge / Full RB

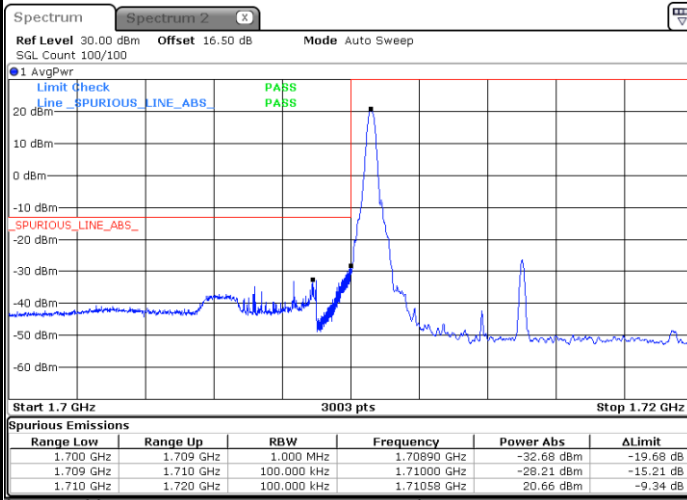


Date: 30.SEP.2022 04:02:18



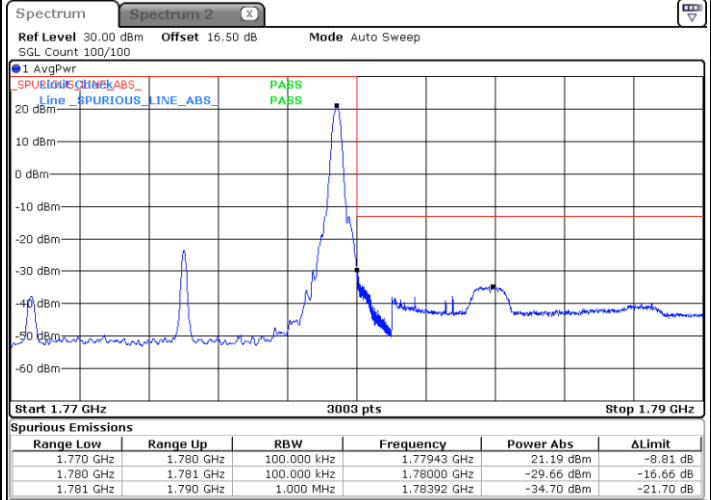
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



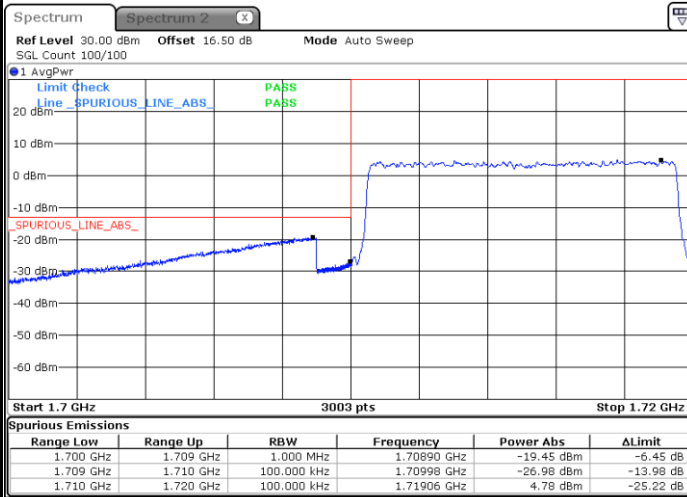
Date: 30.SEP.2022 03:48:25

Highest Band Edge / 1 RB



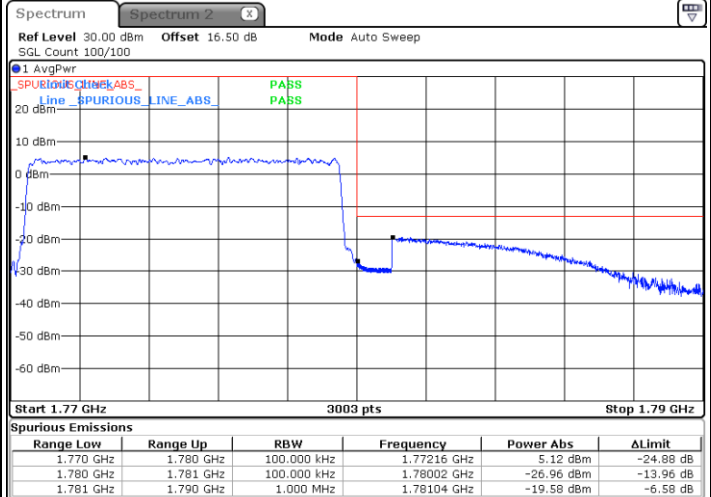
Date: 30.SEP.2022 03:56:53

Lowest Band Edge / Full RB



Date: 30.SEP.2022 03:52:35

Highest Band Edge / Full RB

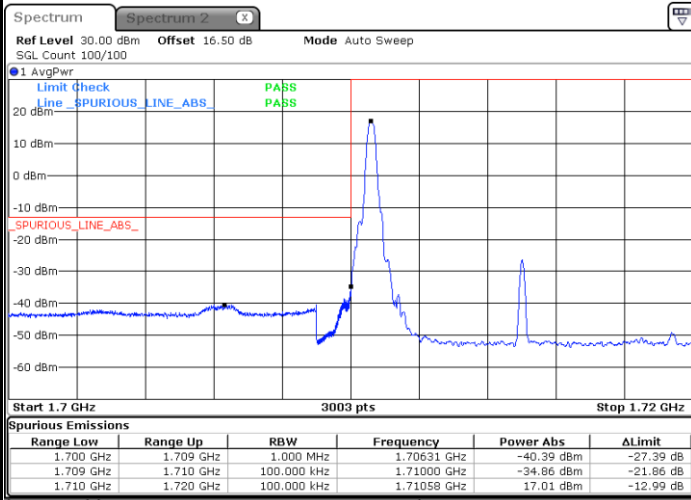


Date: 30.SEP.2022 03:58:20



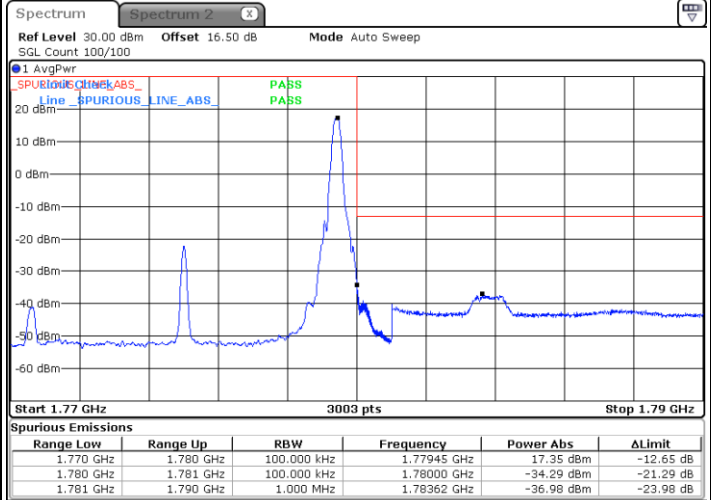
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



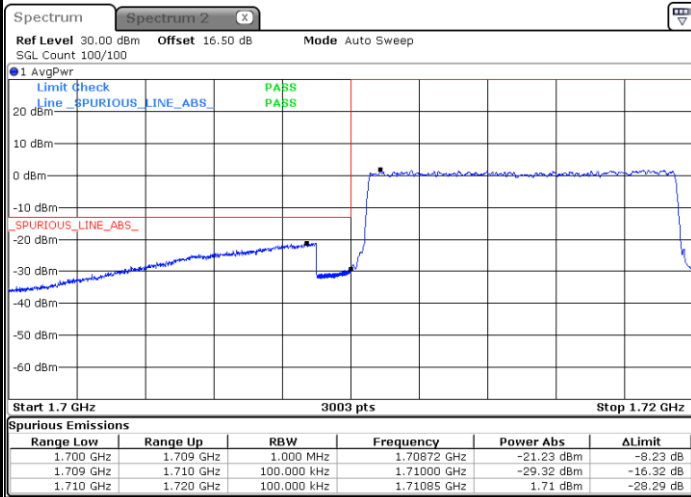
Date: 30.SEP.2022 03:50:57

Highest Band Edge / 1 RB



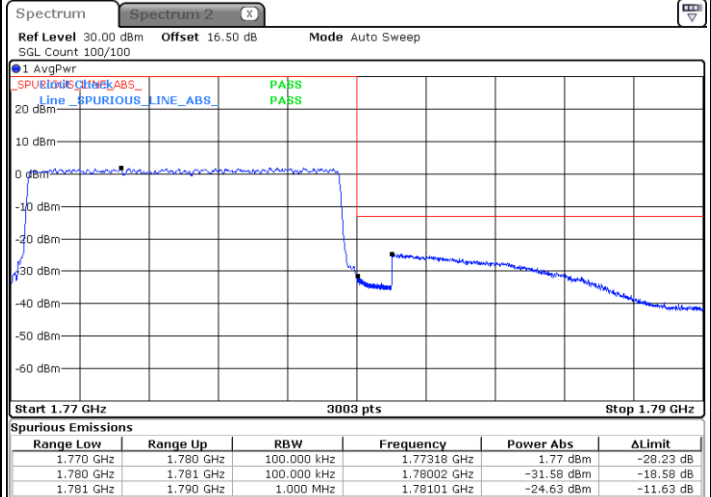
Date: 30.SEP.2022 03:57:19

Lowest Band Edge / Full RB



Date: 30.SEP.2022 03:51:37

Highest Band Edge / Full RB



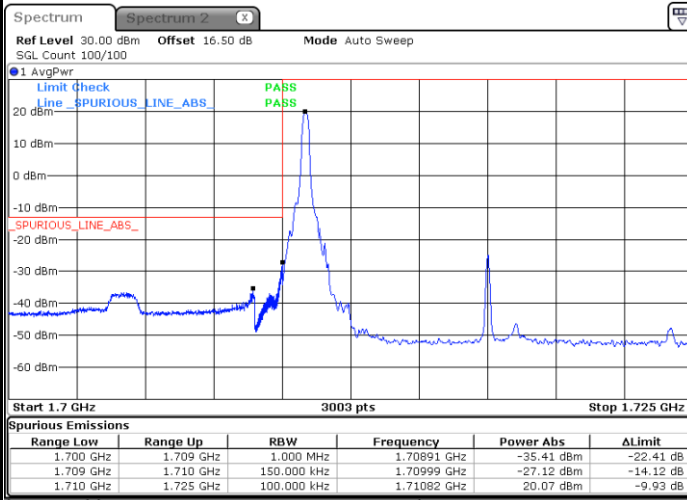
Date: 30.SEP.2022 03:57:52





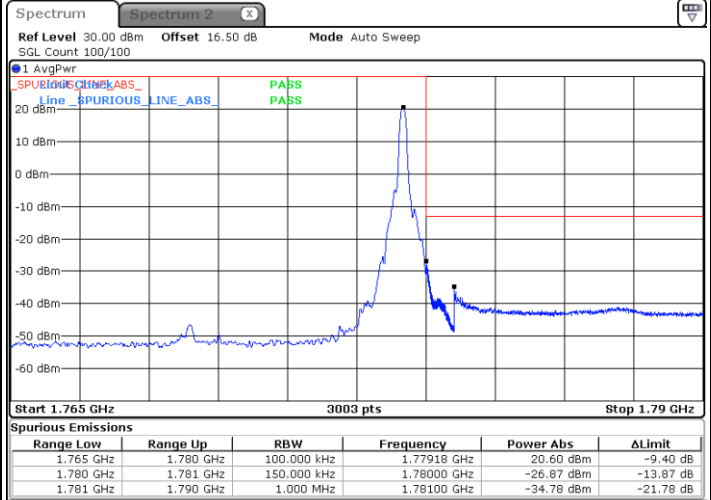
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



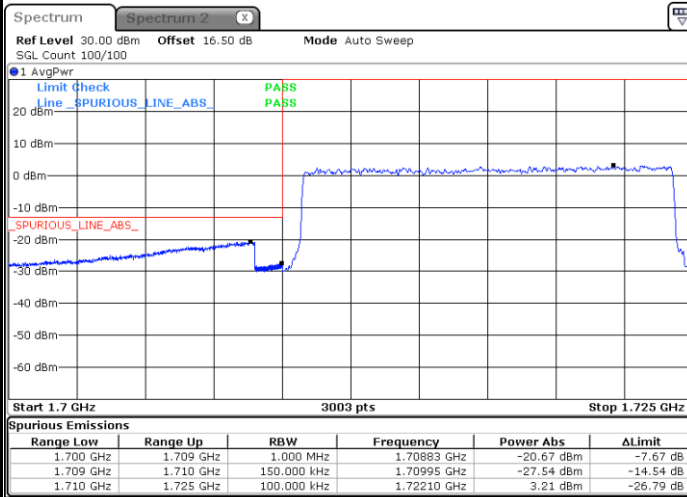
Date: 30.SEP.2022 03:29:07

Highest Band Edge / 1 RB



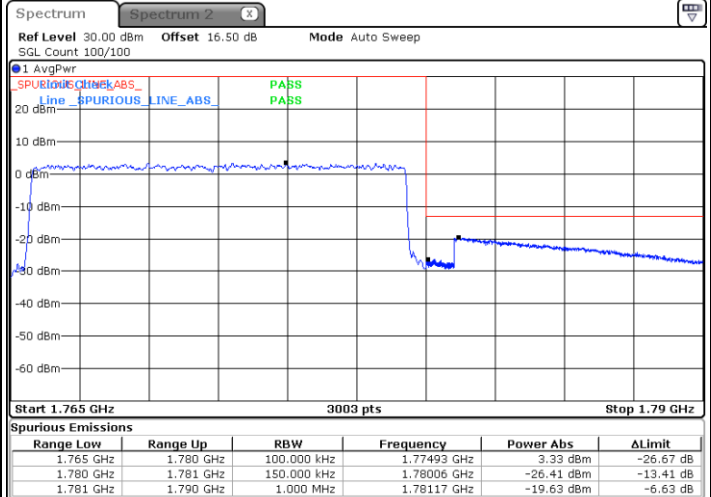
Date: 30.SEP.2022 03:35:24

Lowest Band Edge / Full RB



Date: 30.SEP.2022 03:31:42

Highest Band Edge / Full RB

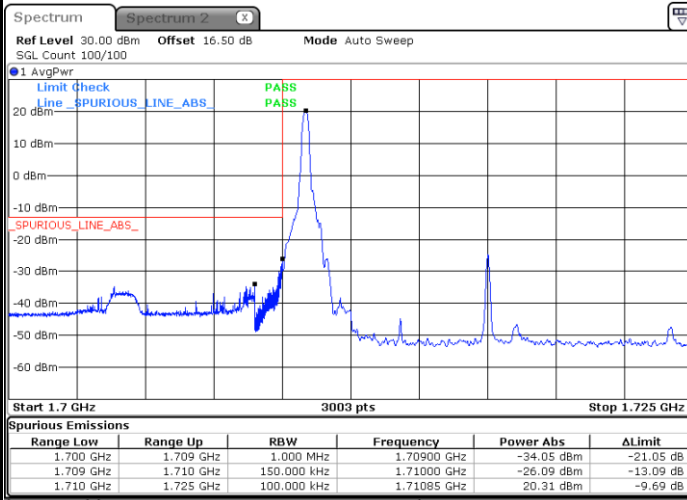


Date: 30.SEP.2022 03:32:27



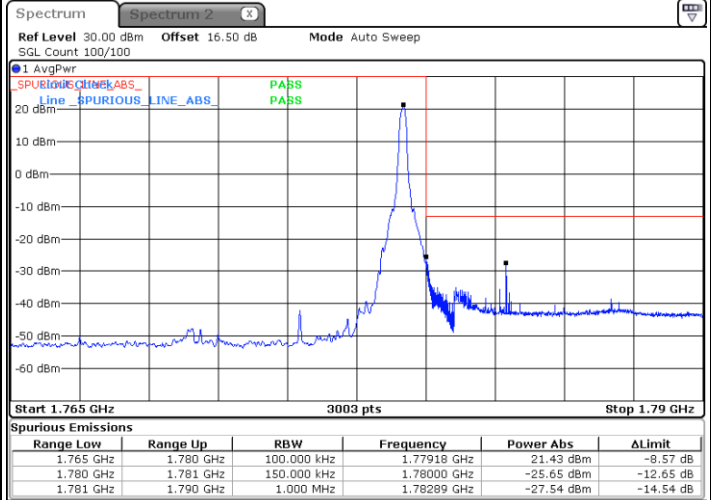
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



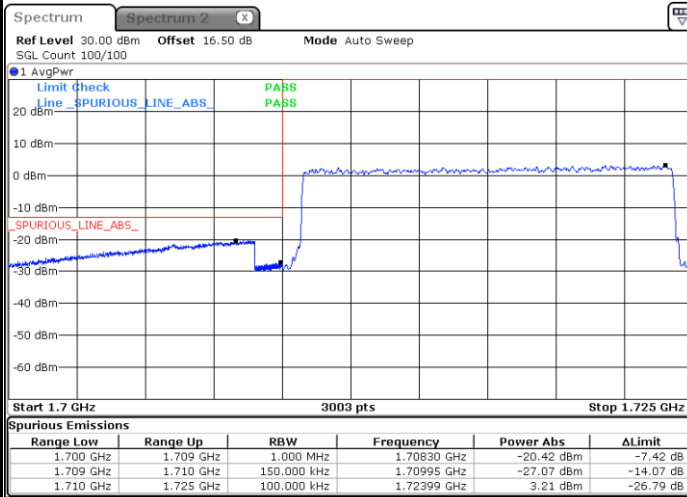
Date: 30.SEP.2022 03:29:25

Highest Band Edge / 1 RB



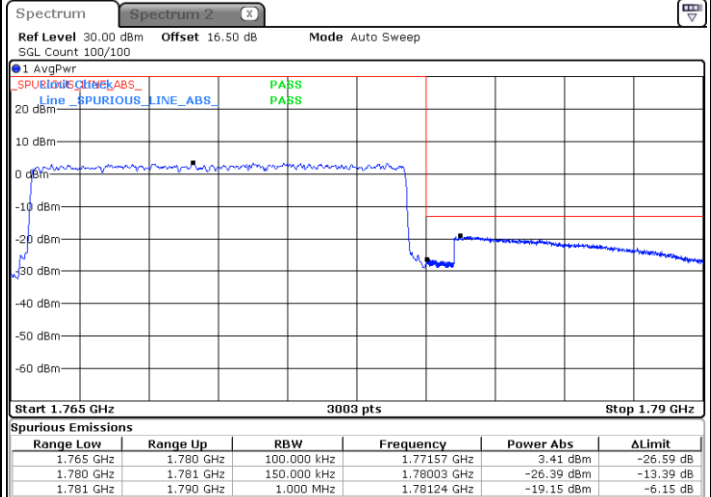
Date: 30.SEP.2022 03:35:06

Lowest Band Edge / Full RB



Date: 30.SEP.2022 03:31:24

Highest Band Edge / Full RB

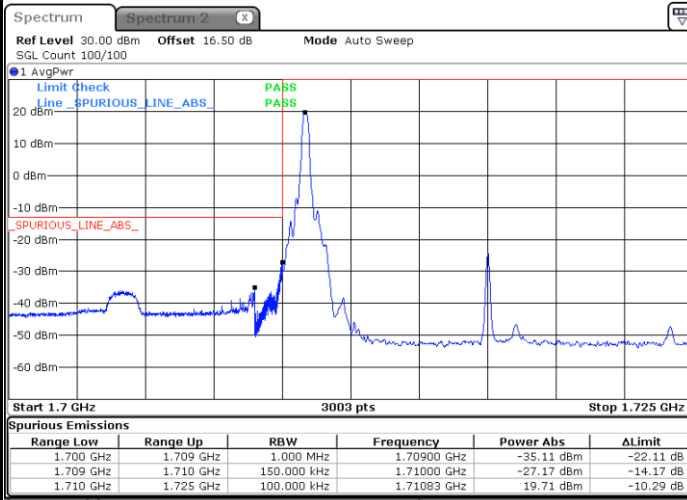


Date: 30.SEP.2022 03:32:47



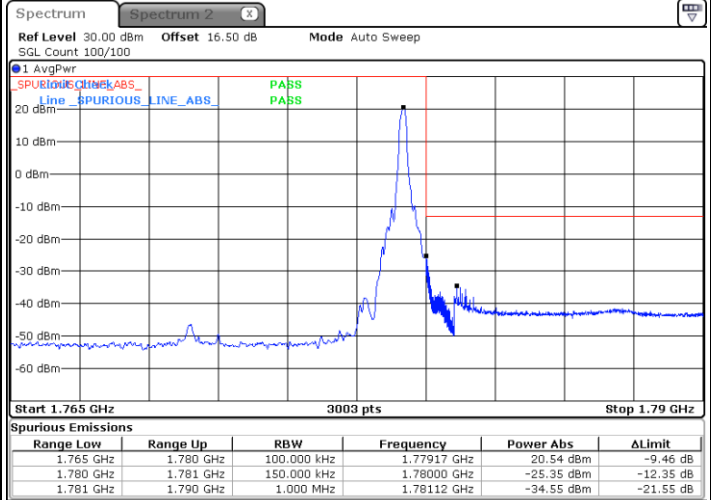
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



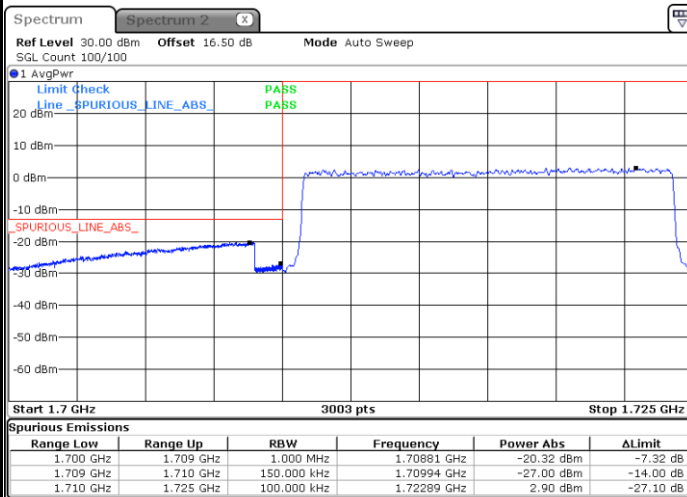
Date: 30.SEP.2022 03:29:47

Highest Band Edge / 1 RB



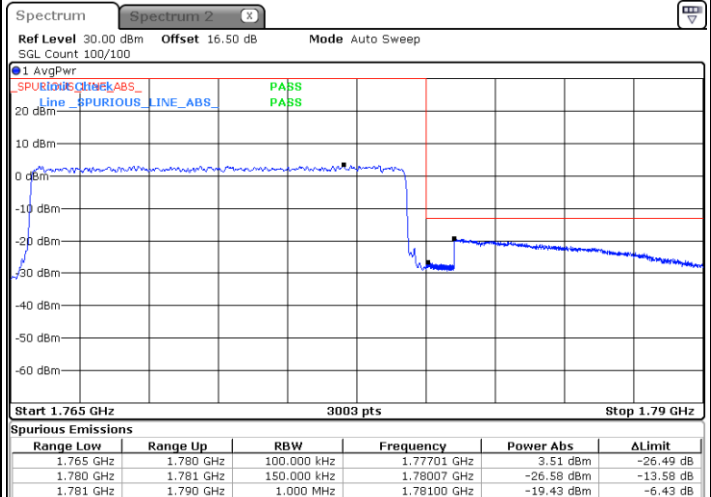
Date: 30.SEP.2022 03:34:46

Lowest Band Edge / Full RB



Date: 30.SEP.2022 03:30:55

Highest Band Edge / Full RB

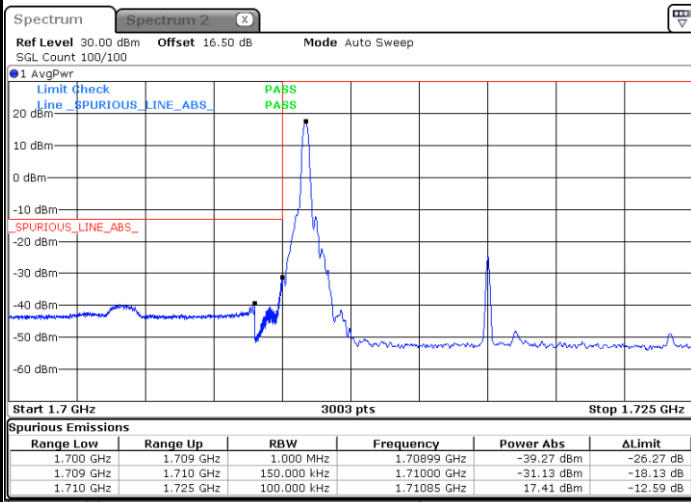


Date: 30.SEP.2022 03:33:04



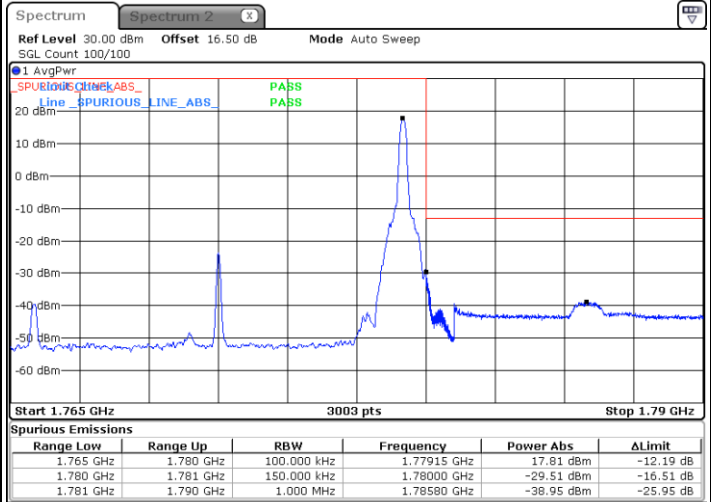
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



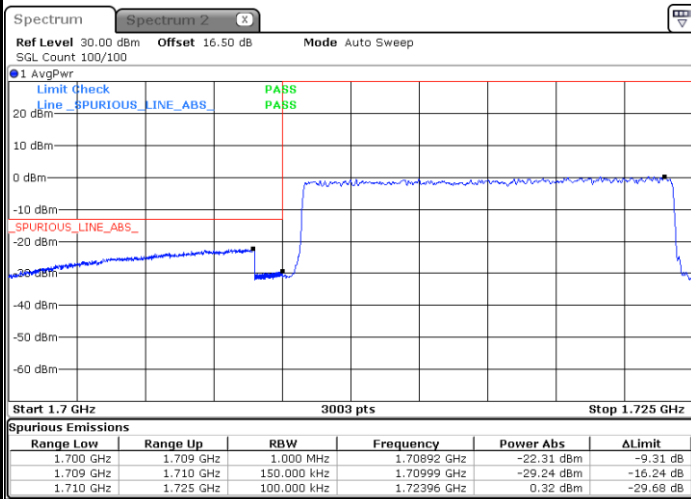
Date: 30.SEP.2022 03:30:07

Highest Band Edge / 1 RB



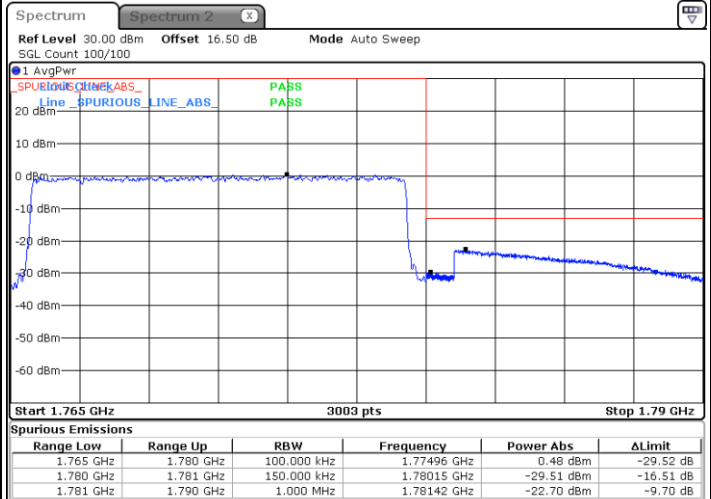
Date: 30.SEP.2022 03:34:24

Lowest Band Edge / Full RB



Date: 30.SEP.2022 03:30:30

Highest Band Edge / Full RB

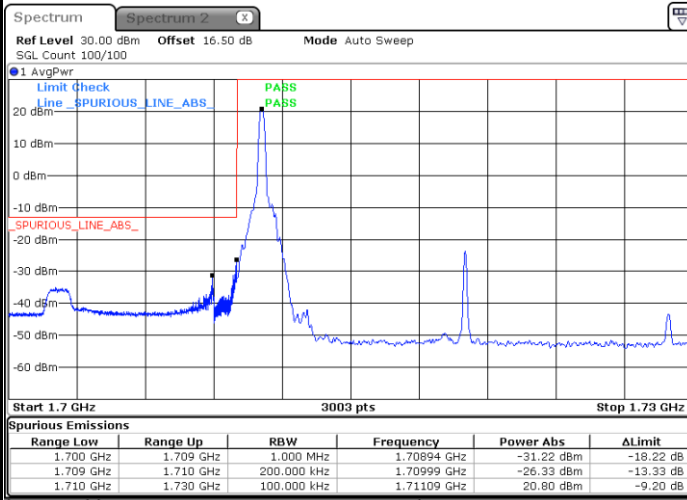


Date: 30.SEP.2022 03:33:45



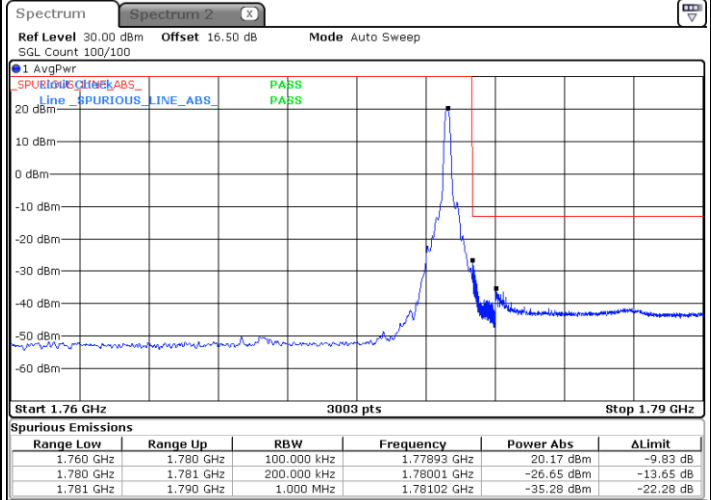
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



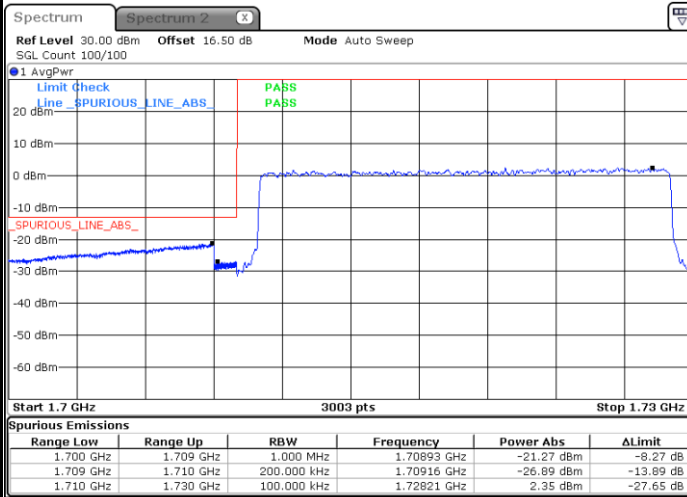
Date: 30.SEP.2022 03:16:54

Highest Band Edge / 1 RB



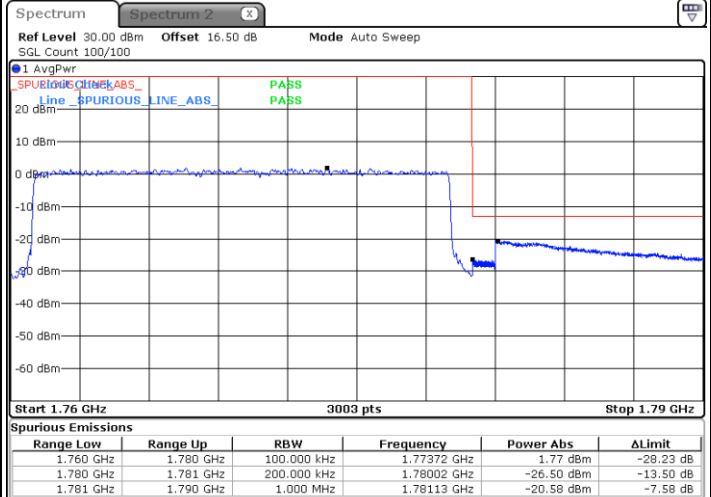
Date: 30.SEP.2022 03:25:12

Lowest Band Edge / Full RB



Date: 30.SEP.2022 03:20:59

Highest Band Edge / Full RB

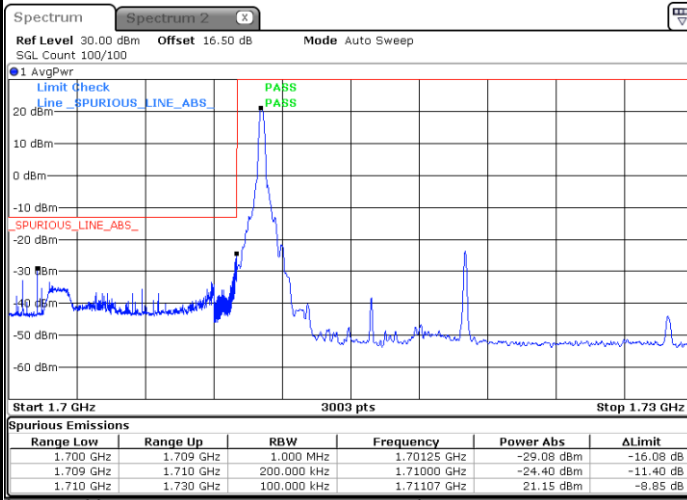


Date: 30.SEP.2022 03:22:12



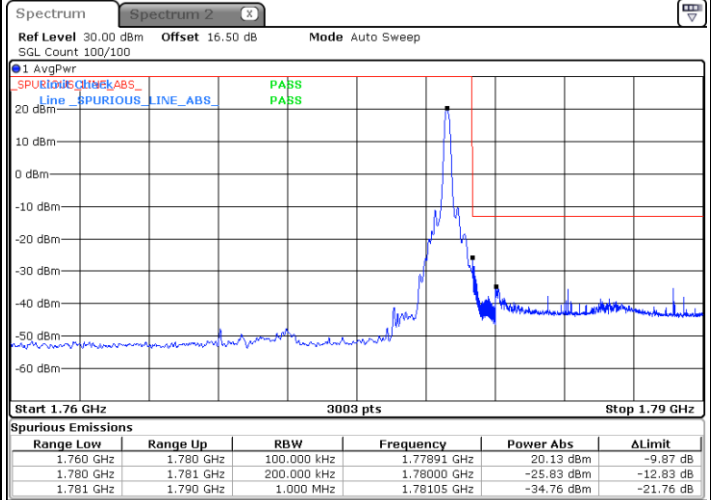
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



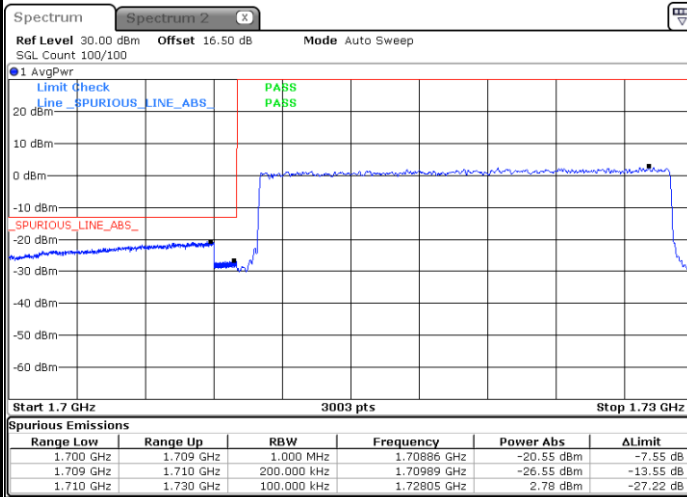
Date: 30.SEP.2022 03:17:47

Highest Band Edge / 1 RB



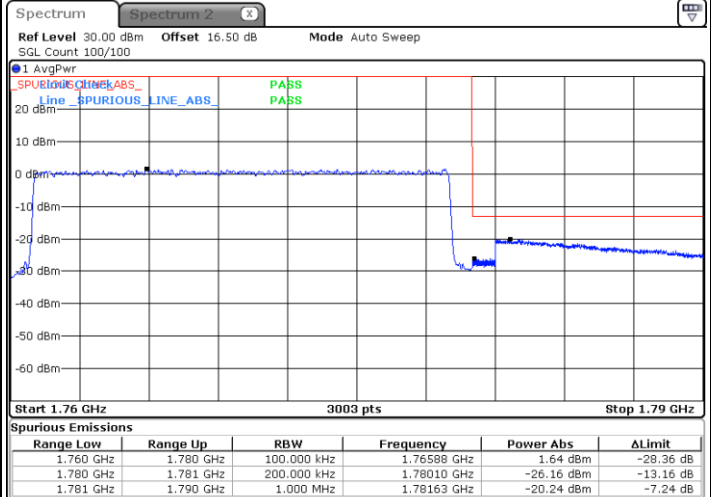
Date: 30.SEP.2022 03:24:48

Lowest Band Edge / Full RB



Date: 30.SEP.2022 03:20:23

Highest Band Edge / Full RB

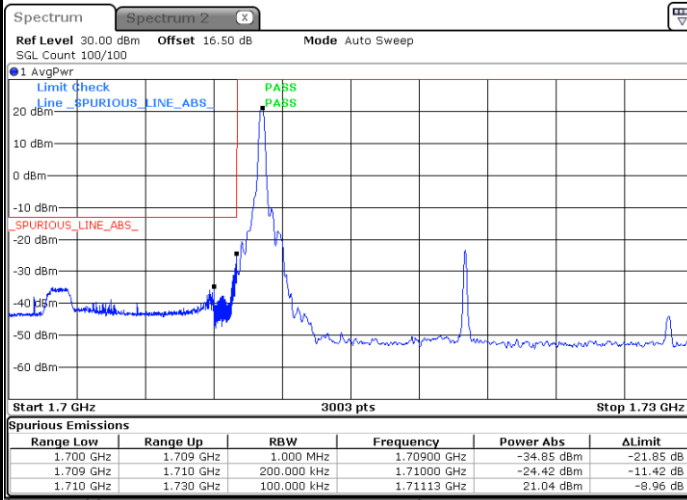


Date: 30.SEP.2022 03:22:39



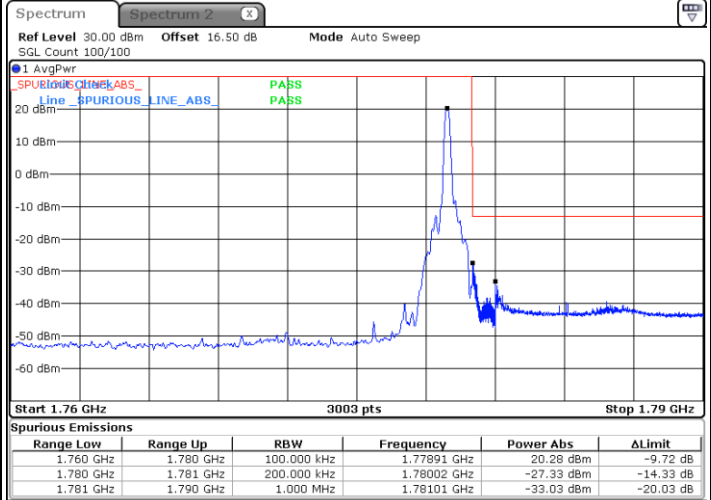
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



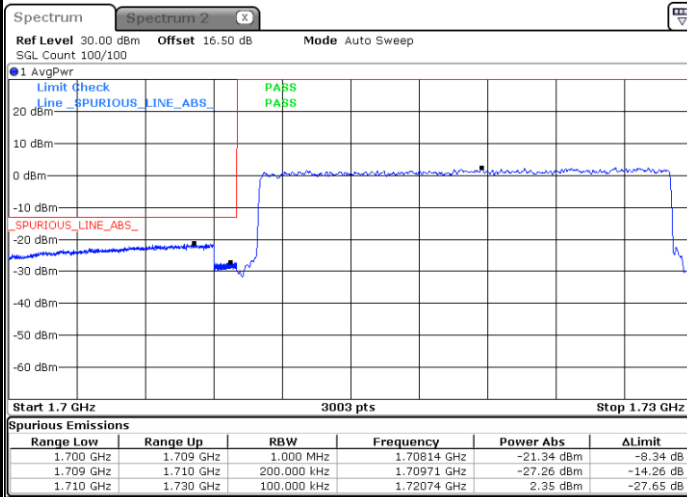
Date: 30.SEP.2022 03:18:16

Highest Band Edge / 1 RB



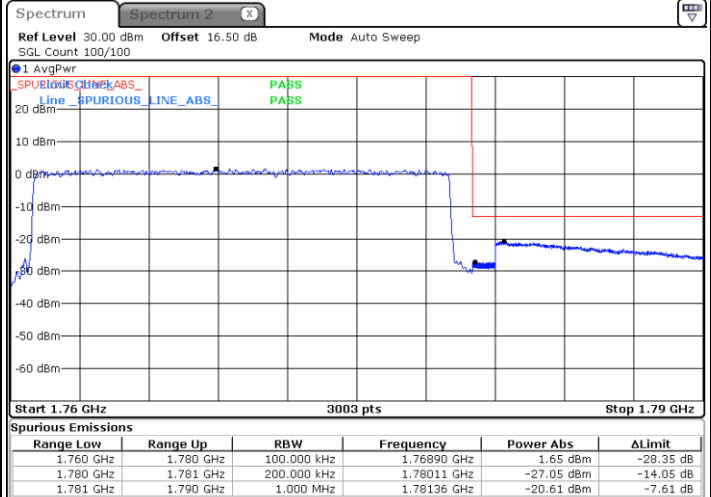
Date: 30.SEP.2022 03:24:31

Lowest Band Edge / Full RB



Date: 30.SEP.2022 03:19:55

Highest Band Edge / Full RB



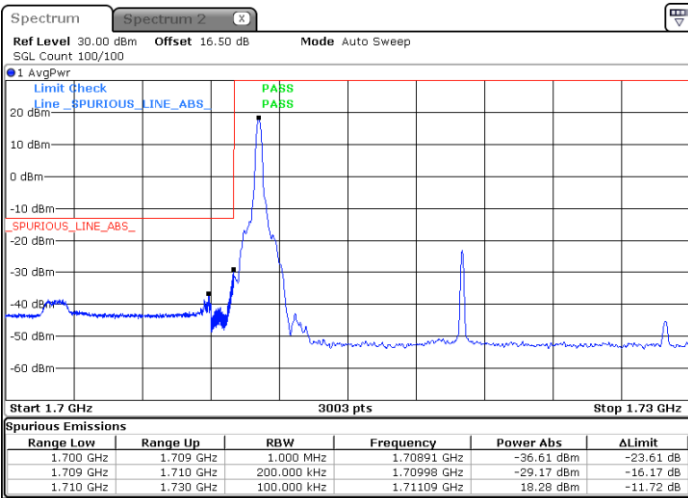
Date: 30.SEP.2022 03:23:01



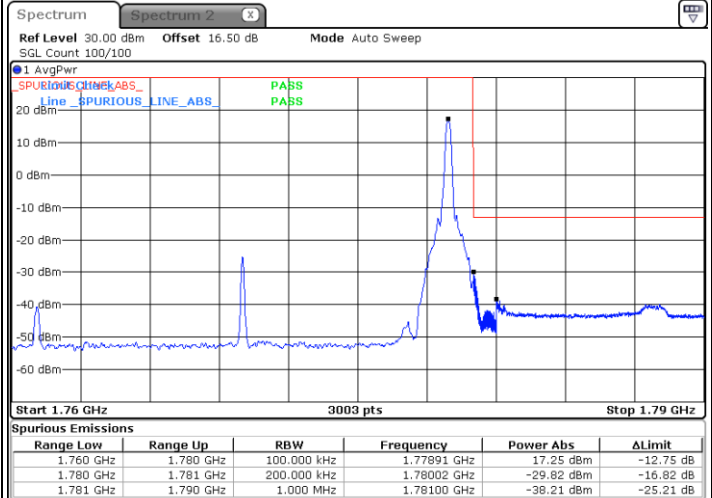
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



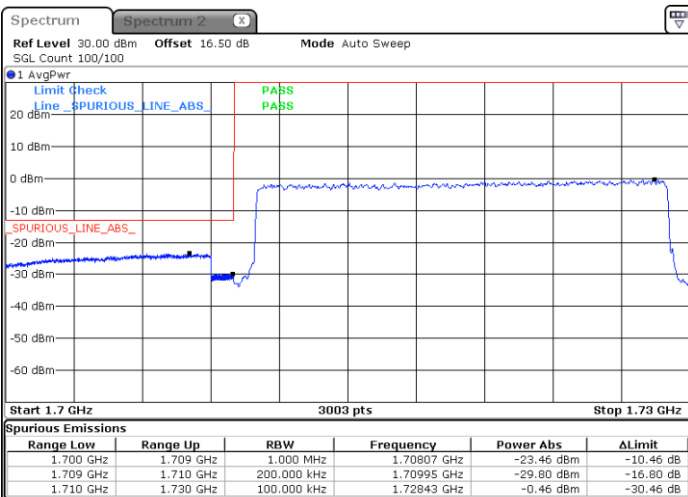
Date: 30.SEP.2022 03:18:59



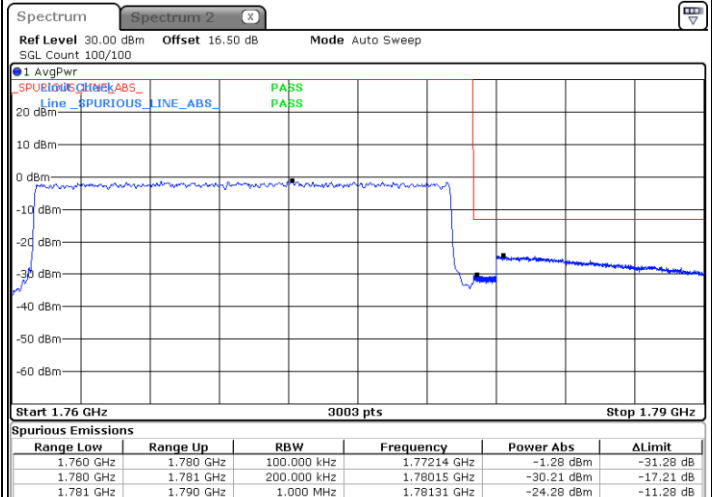
Date: 30.SEP.2022 03:23:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.SEP.2022 03:19:30



Date: 30.SEP.2022 03:23:23

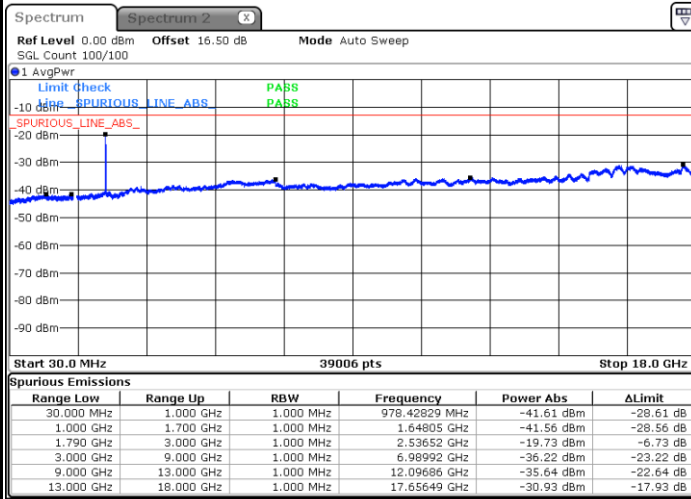




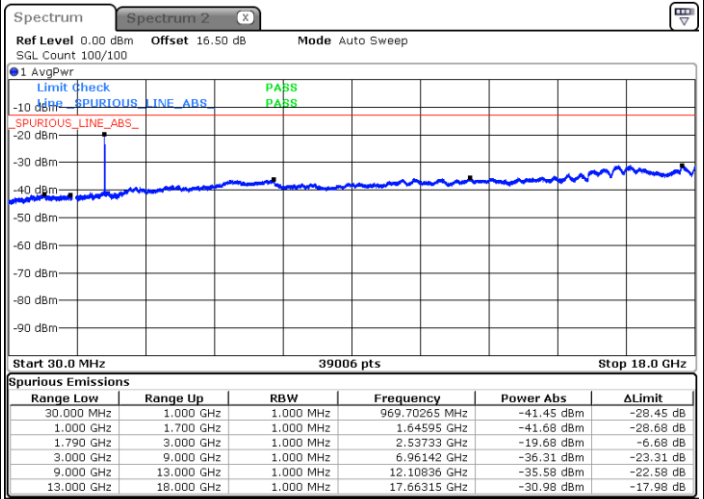
# Conducted Spurious Emission

## LTE Band 66 / 1.4MHz

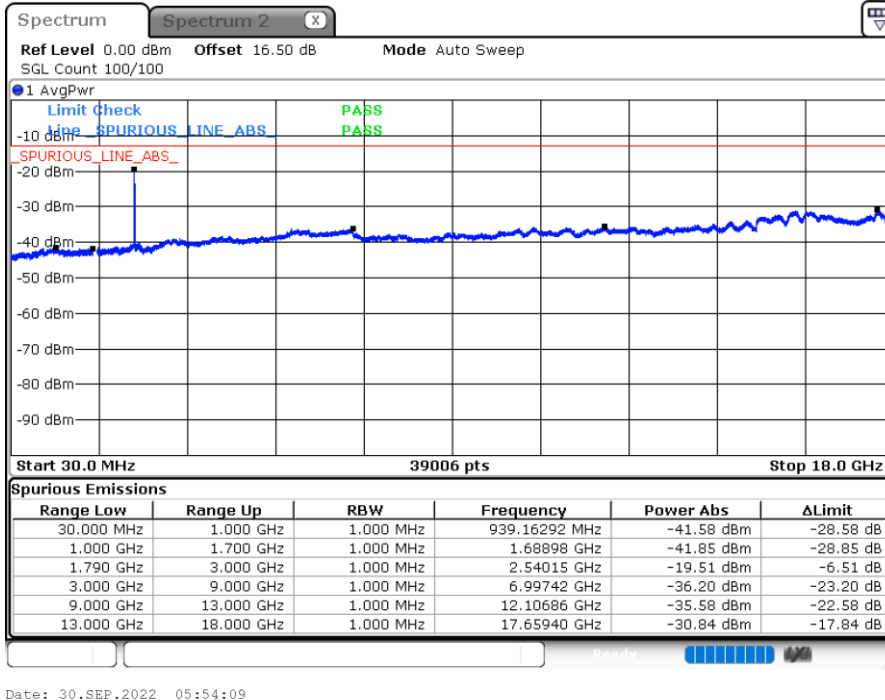
### Lowest Channel / QPSK



### Middle Channel / QPSK



### Highest Channel / QPSK

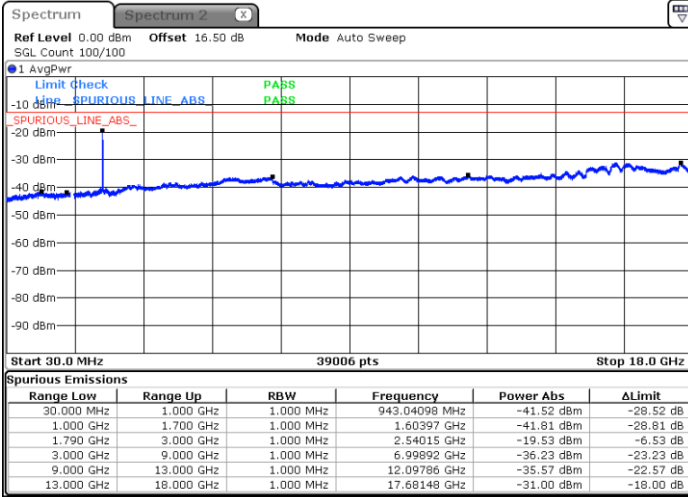




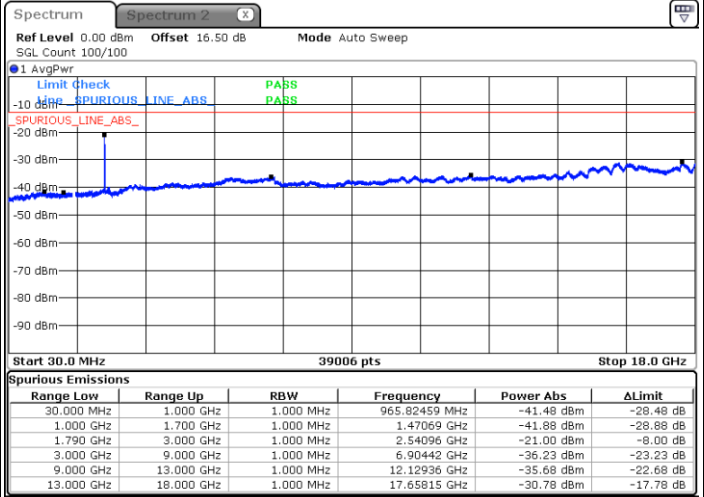
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

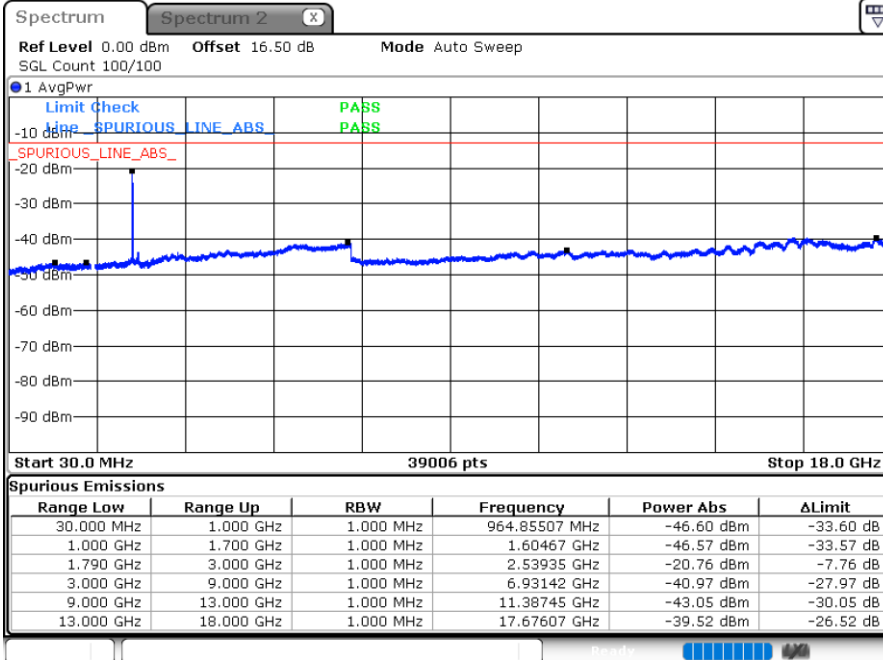


Date: 30.SEP.2022 05:07:19



Date: 30.SEP.2022 04:48:45

Highest Channel / QPSK



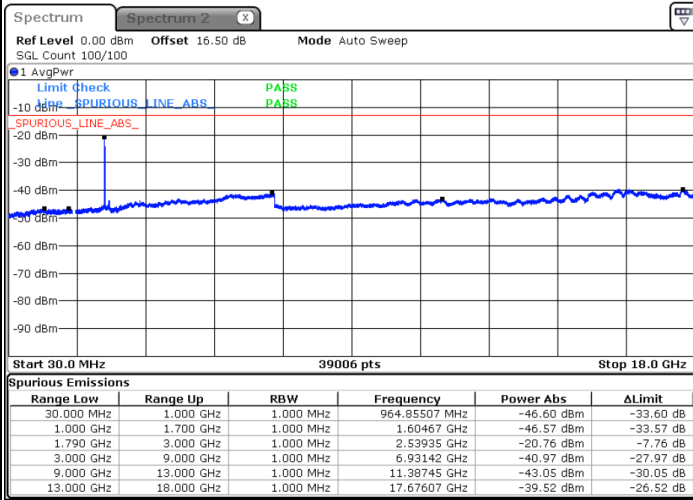
Date: 30.SEP.2022 04:06:43



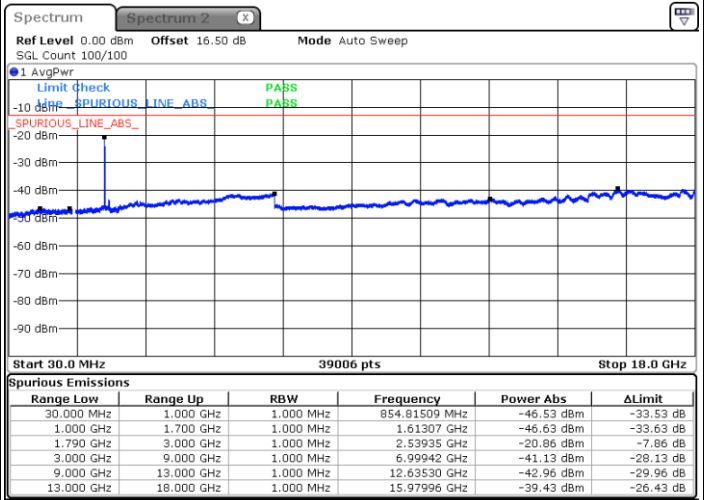
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

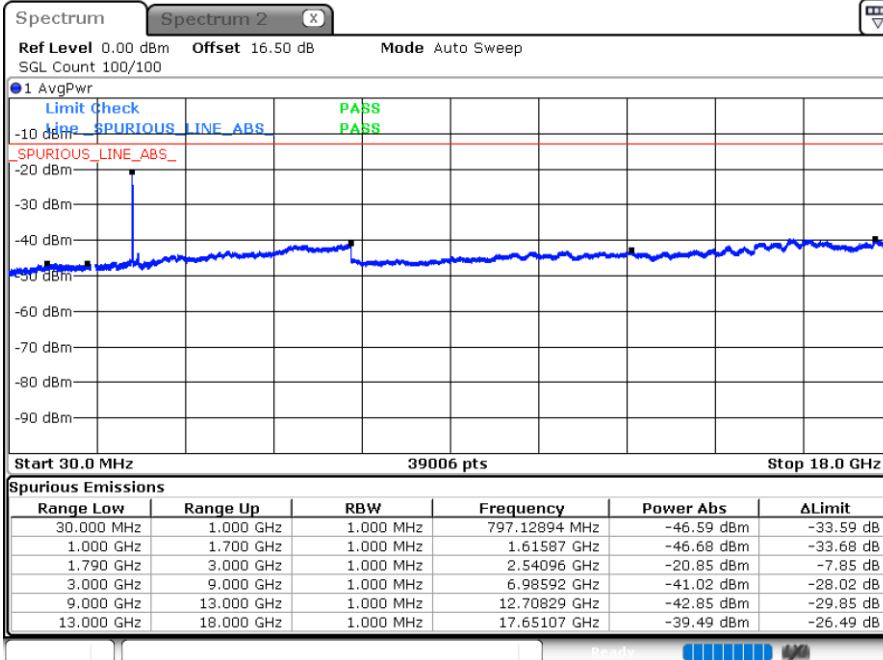


Date: 30.SEP.2022 04:06:43



Date: 30.SEP.2022 04:04:47

Highest Channel / QPSK



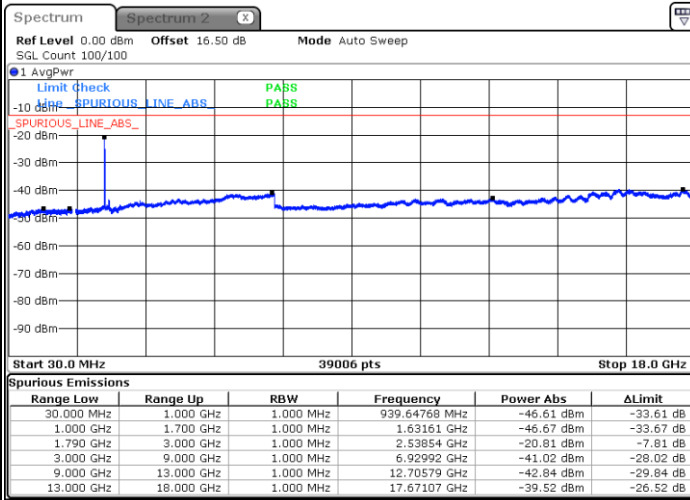
Date: 30.SEP.2022 04:41:43



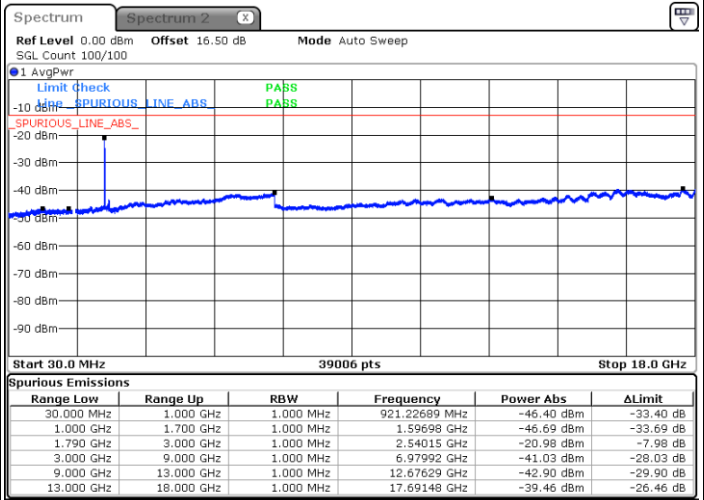
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

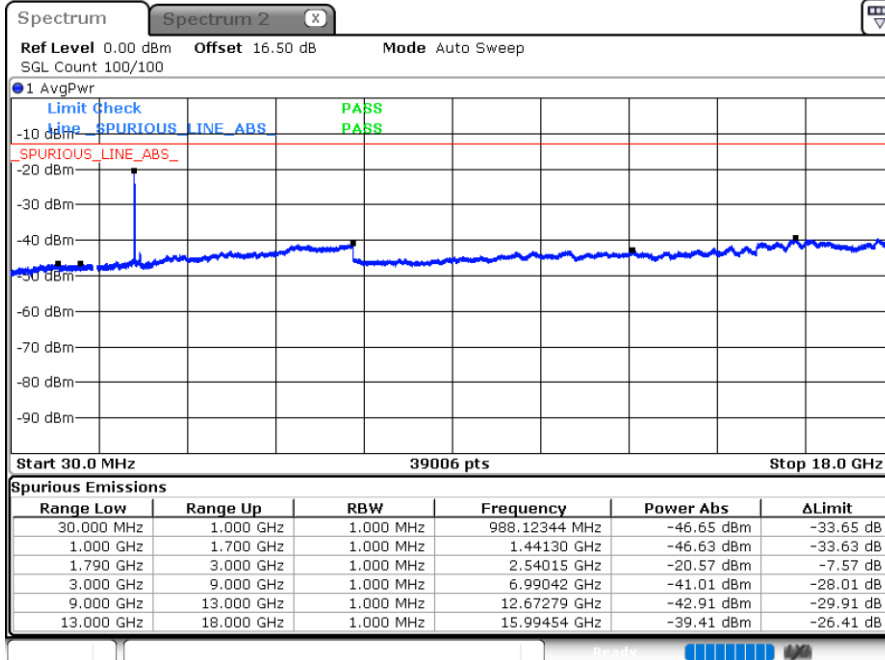


Date: 30.SEP.2022 03:54:10



Date: 30.SEP.2022 03:47:09

Highest Channel / QPSK



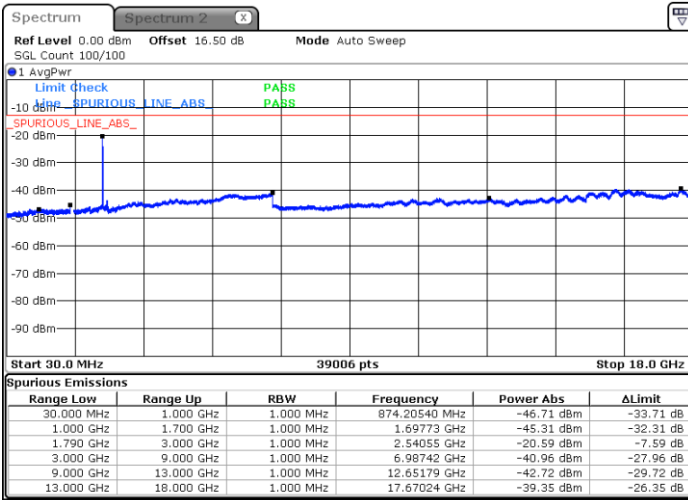
Date: 30.SEP.2022 03:55:18



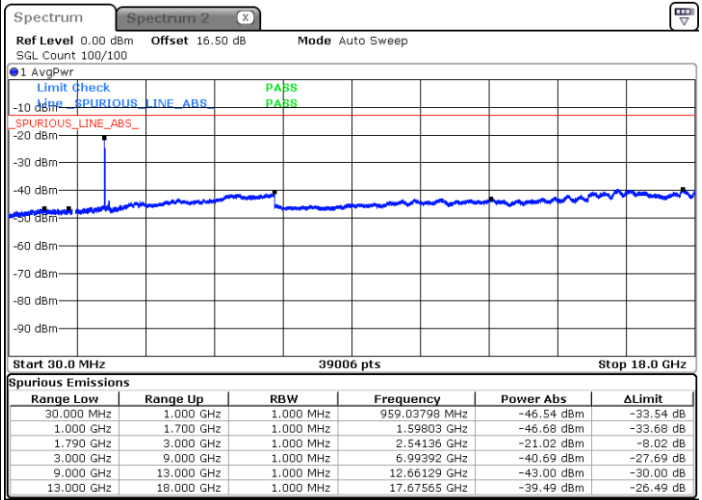
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

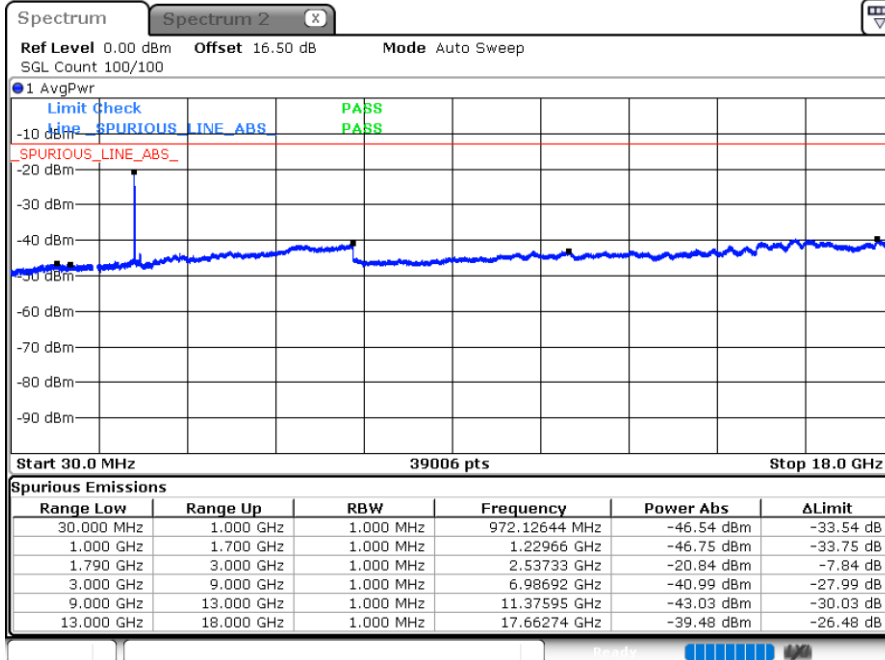


Date: 30.SEP.2022 03:28:36



Date: 30.SEP.2022 03:27:14

Highest Channel / QPSK



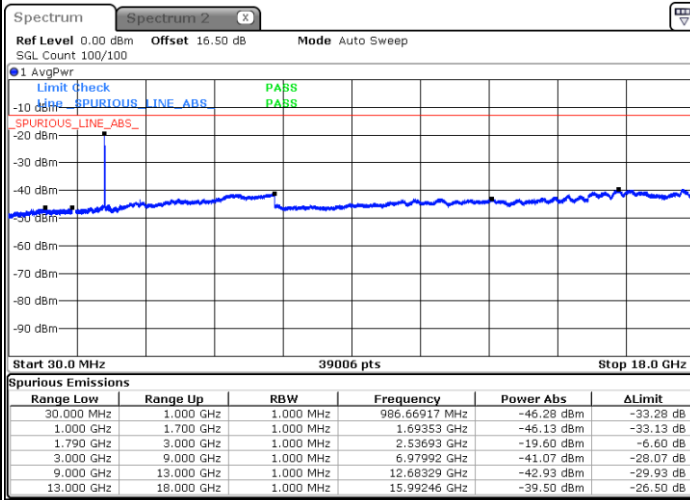
Date: 30.SEP.2022 03:36:17



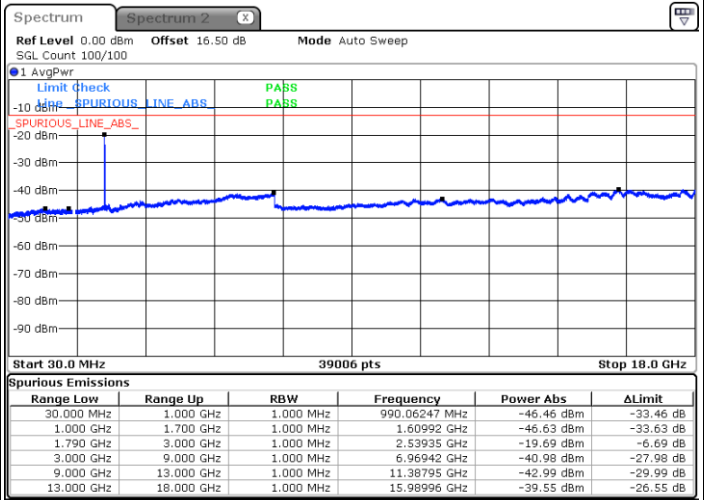
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

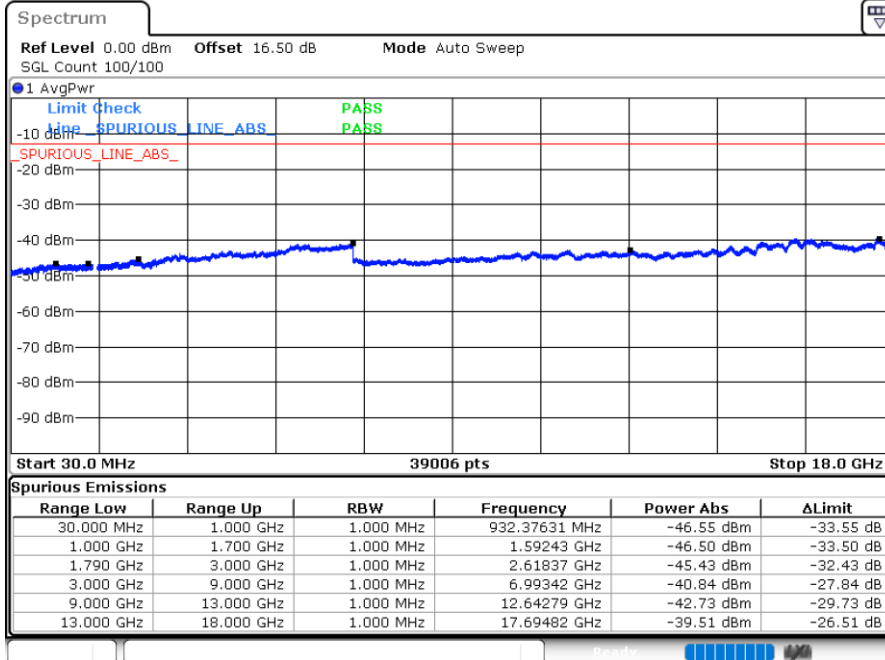


Date: 30.SEP.2022 03:16:37



Date: 30.SEP.2022 03:15:36

Highest Channel / QPSK



Date: 12.OCT.2022 09:46:55



### 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	0.0016	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0034	

**Note:**

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.27 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 :	LiangPingZhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

LTE Band 4_ANT 3 / 20MHz / QPSK									
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	-52.91	-13	-39.91	-74.07	-59.76	5.65	12.50	H
	5170.77	-48.86	-13	-35.86	-72.78	-54.53	7.13	12.80	H
	6894.36	-55.24	-13	-42.24	-80.91	-58.64	8.40	11.80	H
	3447.18	-50.95	-13	-37.95	-73.05	-57.80	5.65	12.50	V
	5170.77	-45.89	-13	-32.89	-70.31	-51.56	7.13	12.80	V
	6894.36	-54.07	-13	-41.07	-81.02	-57.47	8.40	11.80	V

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

LTE Band 12_ANT 0 / 10MHz / QPSK									
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	1406	-65.89	-13	-52.89	-76.68	-69.14	4.00	9.40	H
	2109	-56.52	-13	-43.52	-73.99	-60.09	4.88	10.60	H
	2812	-60.27	-13	-47.27	-79.36	-65.20	5.52	12.60	H
	1406	-64.76	-13	-51.76	-76.61	-68.01	4.00	9.40	V
	2109	-58.02	-13	-45.02	-75.28	-61.59	4.88	10.60	V
	2812	-59.33	-13	-46.33	-79.23	-64.26	5.52	12.60	V

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





LTE Band 13_ANT 1 / 5MHz / QPSK									
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	1559.5	-61.78	-42.15	-19.63	-73.07	-65.03	4.00	9.40	H
	2339.25	-48.48	-13	-35.48	-66.46	-52.05	4.88	10.60	H
	3119	-59.48	-13	-46.48	-79.57	-64.41	5.52	12.60	H
	1559.5	-56.57	-42.15	-14.42	-68.48	-59.82	4.00	9.40	V
	2339.25	-48.87	-13	-35.87	-67.22	-52.44	4.88	10.60	V
	3119	-57.63	-13	-44.63	-79.52	-62.56	5.52	12.60	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 )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-63.86	-42.15	-21.71	-75.15	-67.11	4.00	9.40	H
	2339.25	-59.81	-13	-46.81	-77.79	-63.38	4.88	10.60	H
	3119	-59.47	-13	-46.47	-79.56	-64.40	5.52	12.60	H
	1559.5	-62.05	-42.15	-19.90	-73.96	-65.30	4.00	9.40	V
	2339.25	-58.26	-13	-45.26	-76.61	-61.83	4.88	10.60	V
	3119	-57.49	-13	-44.49	-79.38	-62.42	5.52	12.60	V

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

LTE Band 25_ANT 4 / 20MHz / QPSK									
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	-57.17	-13	-44.17	-79.51	-63.92	5.85	12.60	H
	5620.5	-56.90	-13	-43.90	-81.10	-62.70	7.30	13.10	H
	7494	-55.15	-13	-42.15	-81.55	-58.30	8.35	11.50	H
	3747	-54.36	-13	-41.36	-79.86	-61.11	5.85	12.60	V
	5620.5	-55.95	-13	-42.95	-80.65	-61.75	7.30	13.10	V
	7494	-54.91	-13	-41.91	-81.3	-58.06	8.35	11.50	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 )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1659.5	-65.23	-13	-52.23	-76.88	-68.48	4.00	9.40	H
	2489.25	-60.29	-13	-47.29	-79.06	-63.86	4.88	10.60	H
	3319	-59.26	-13	-46.26	-80.14	-64.19	5.52	12.60	H
	1659.5	-64.83	-13	-51.83	-77.15	-68.08	4.00	9.40	V
	2489.25	-60.25	-13	-47.25	-79.28	-63.82	4.88	10.60	V
	3319	-58.43	-13	-45.43	-80.01	-63.36	5.52	12.60	V

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

LTE Band 66_ANT 3 / 20MHz / QPSK									
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	-58.60	-13	-45.60	-80.55	-65.45	5.65	12.50	H
	5208	-57.04	-13	-44.04	-81.26	-62.71	7.13	12.80	H
	6944	-54.33	-13	-41.33	-80.04	-57.73	8.40	11.80	H
	3472	-57.85	-13	-44.85	-79.6	-64.70	5.65	12.50	V
	5208	-56.29	-13	-43.29	-80.68	-61.96	7.13	12.80	V
	6944	-53.80	-13	-40.80	-80.24	-57.20	8.40	11.80	V

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