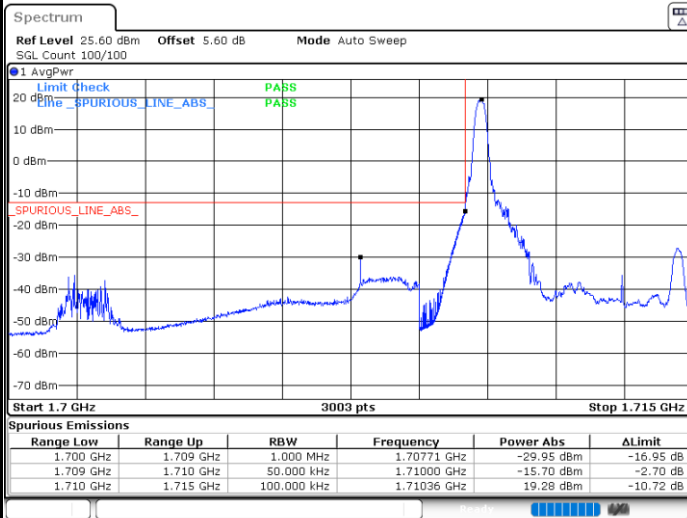




LTE Band 66 / 5MHz / 64QAM

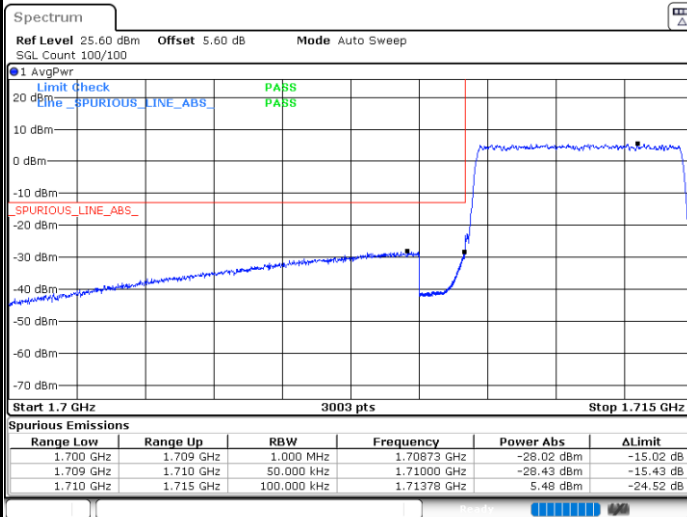
Lowest Band Edge / 1RB



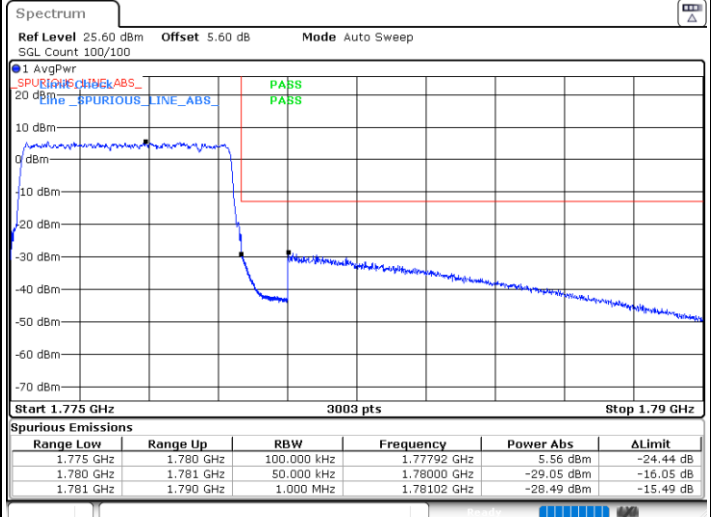
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



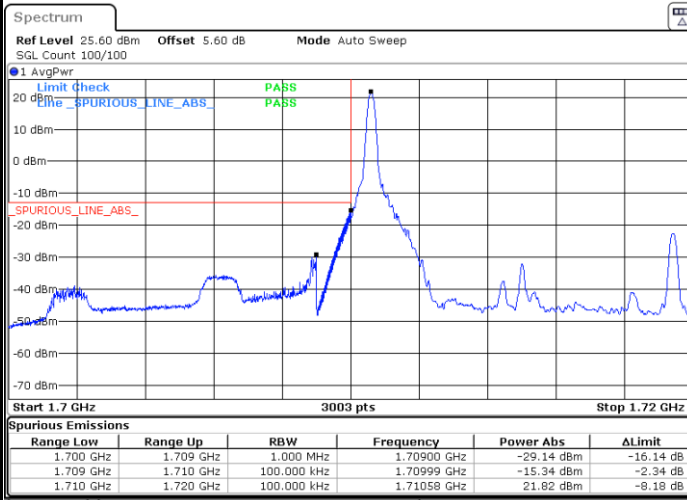
Highest Band Edge / Full RB





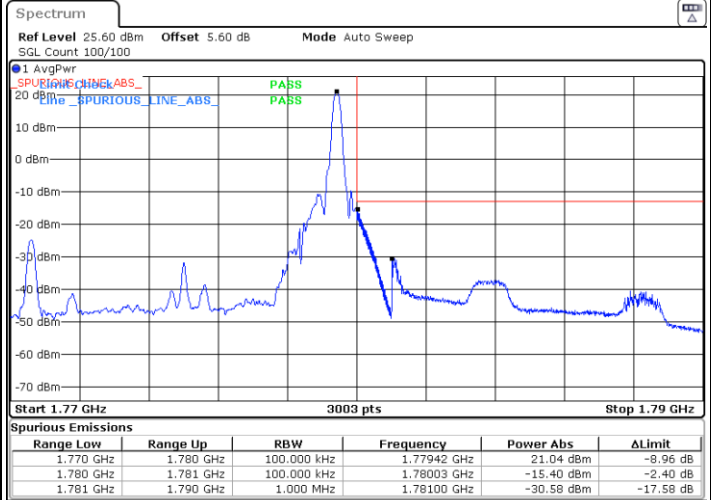
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



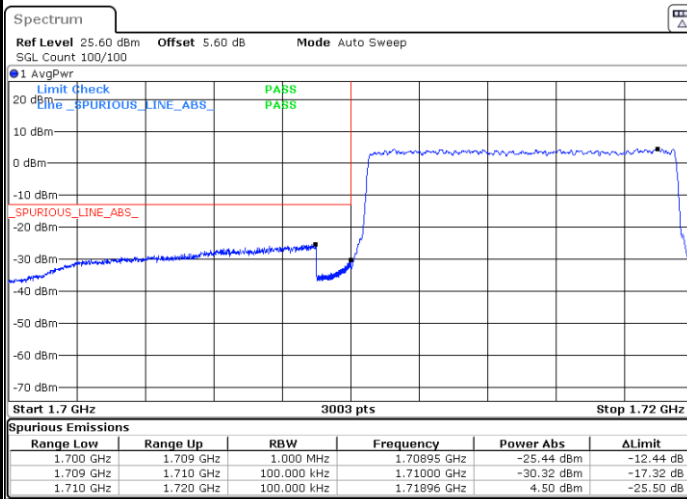
Date: 10.OCT.2022 04:16:19

Highest Band Edge / 1 RB



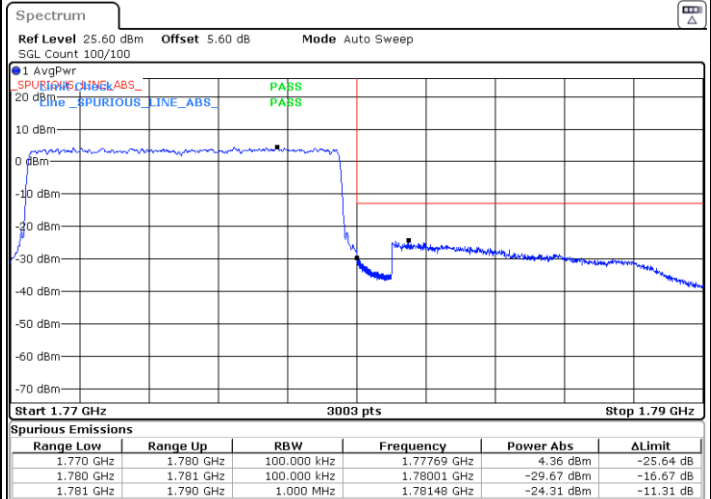
Date: 10.OCT.2022 04:31:30

Lowest Band Edge / Full RB



Date: 10.OCT.2022 04:23:13

Highest Band Edge / Full RB

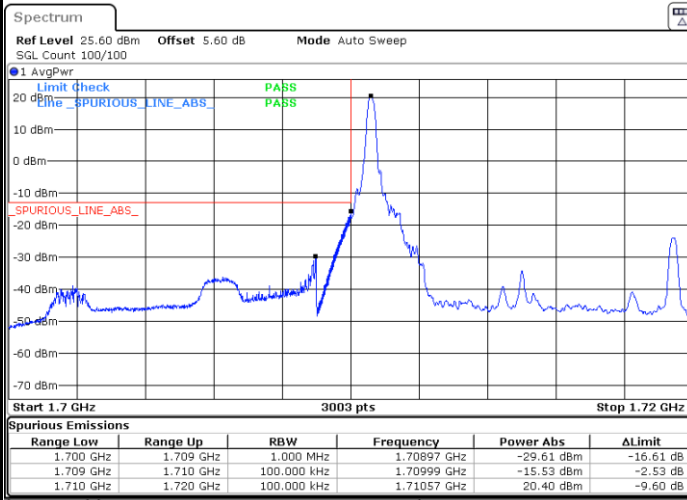


Date: 10.OCT.2022 04:38:12



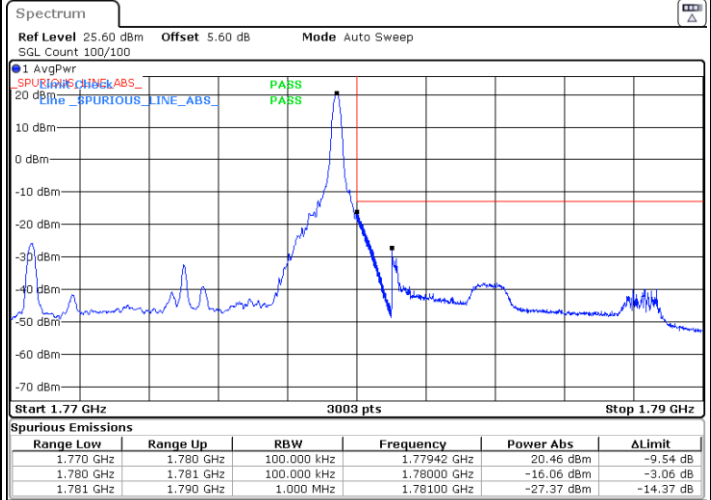
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



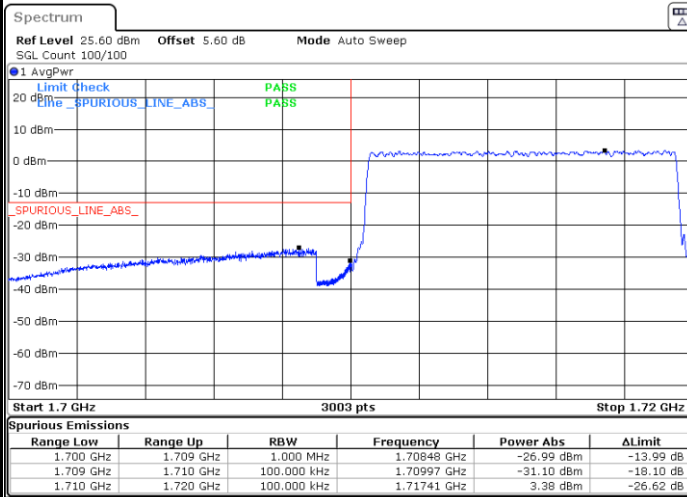
Date: 10.OCT.2022 04:17:42

Highest Band Edge / 1 RB



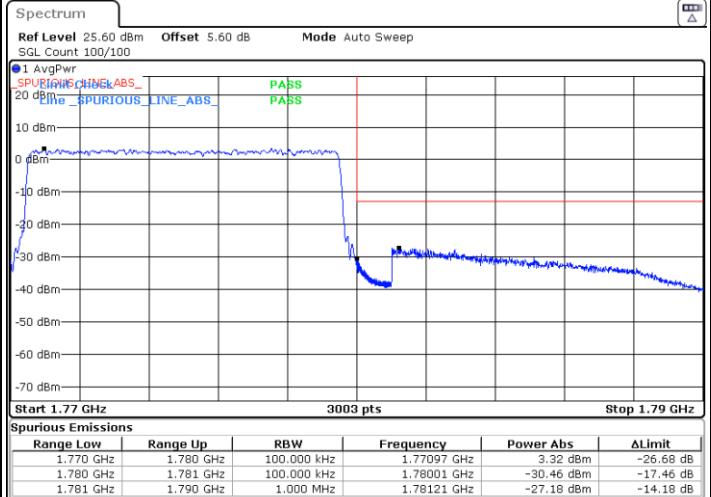
Date: 10.OCT.2022 04:32:50

Lowest Band Edge / Full RB



Date: 10.OCT.2022 04:21:51

Highest Band Edge / Full RB

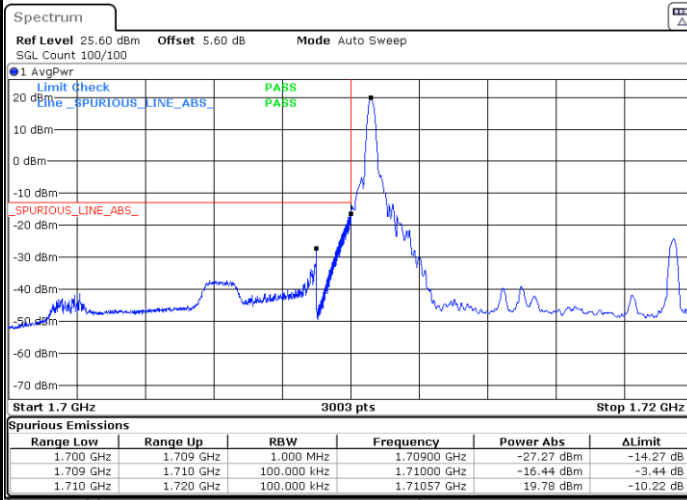


Date: 10.OCT.2022 04:36:51



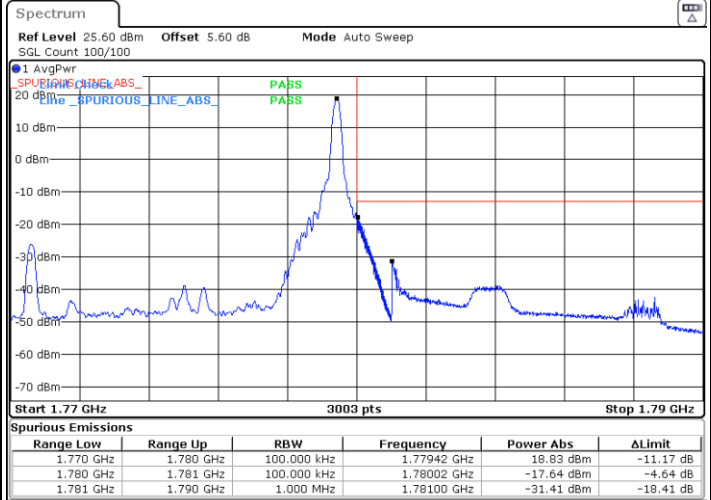
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



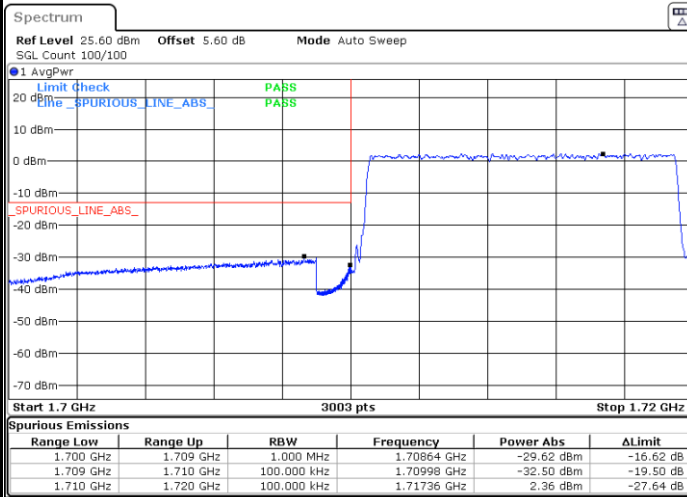
Date: 10.OCT.2022 04:19:05

Highest Band Edge / 1 RB



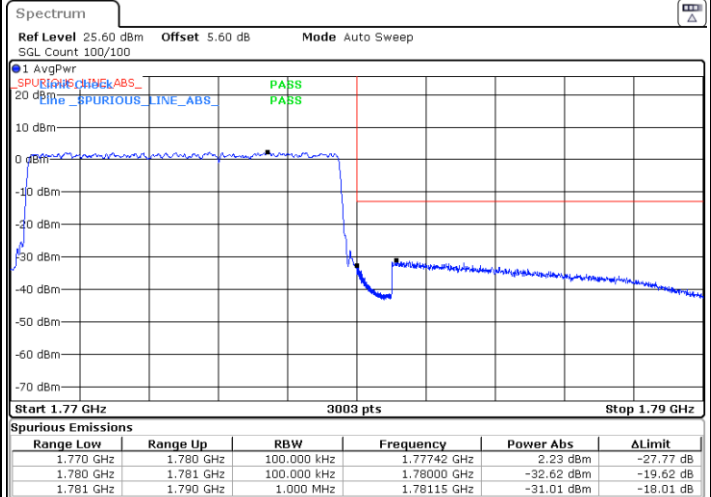
Date: 10.OCT.2022 04:34:10

Lowest Band Edge / Full RB



Date: 10.OCT.2022 04:20:28

Highest Band Edge / Full RB

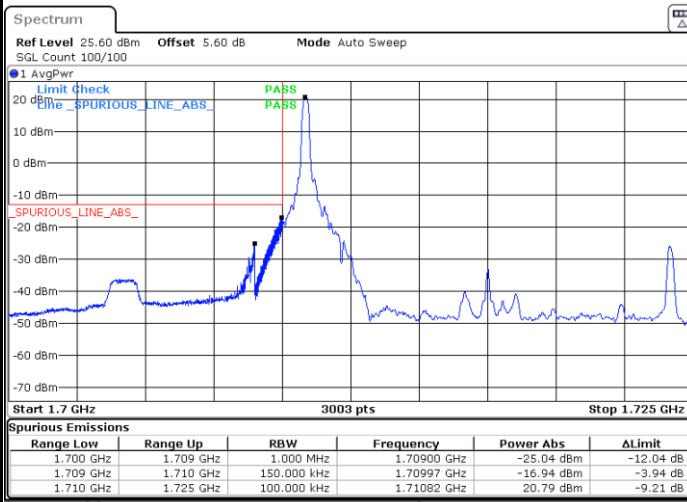


Date: 10.OCT.2022 04:35:31



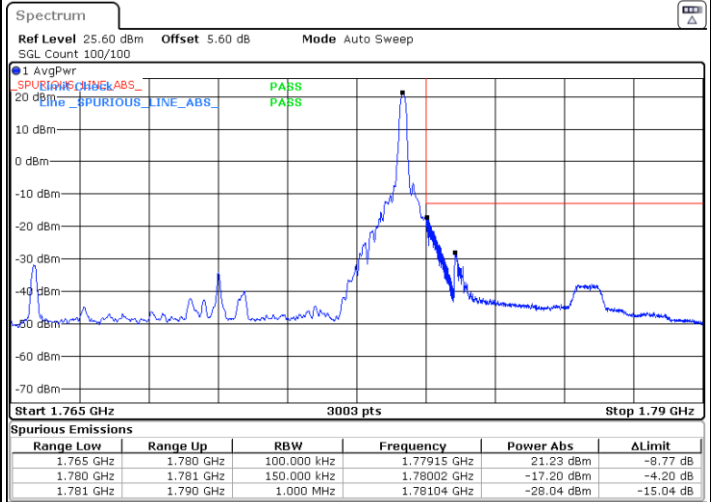
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



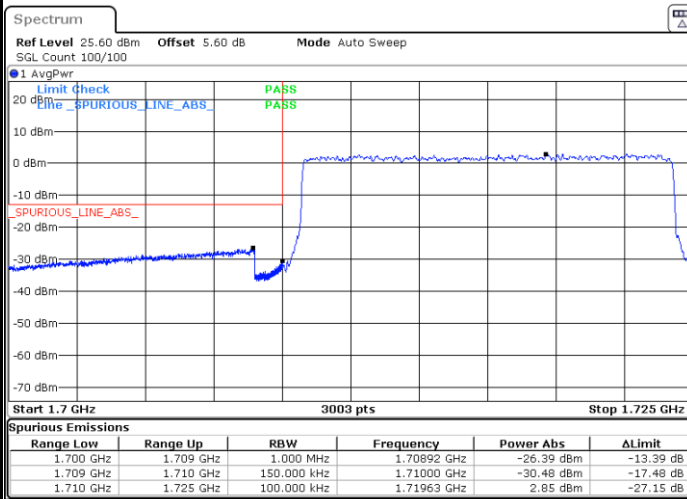
Date: 10.OCT.2022 04:40:55

Highest Band Edge / 1 RB



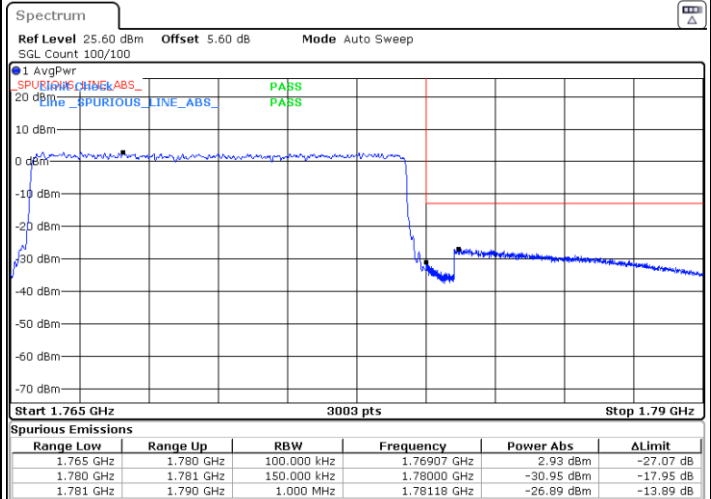
Date: 10.OCT.2022 04:51:41

Lowest Band Edge / Full RB



Date: 10.OCT.2022 04:47:37

Highest Band Edge / Full RB

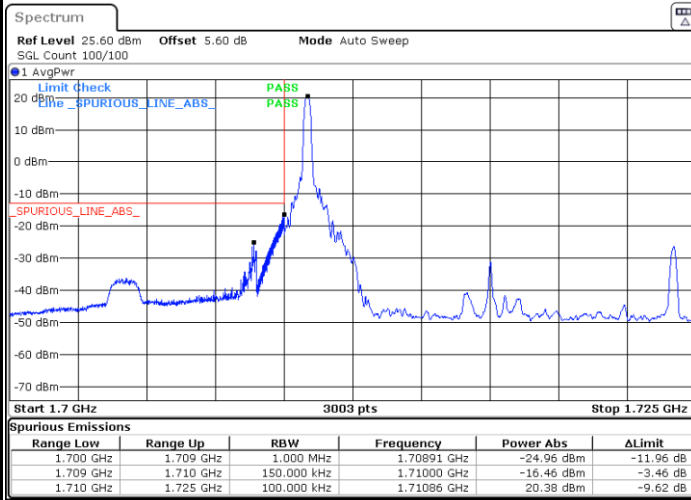


Date: 10.OCT.2022 04:58:24



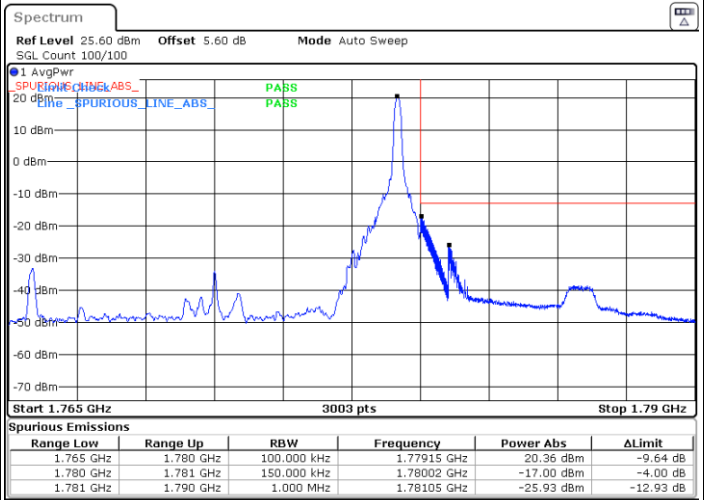
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



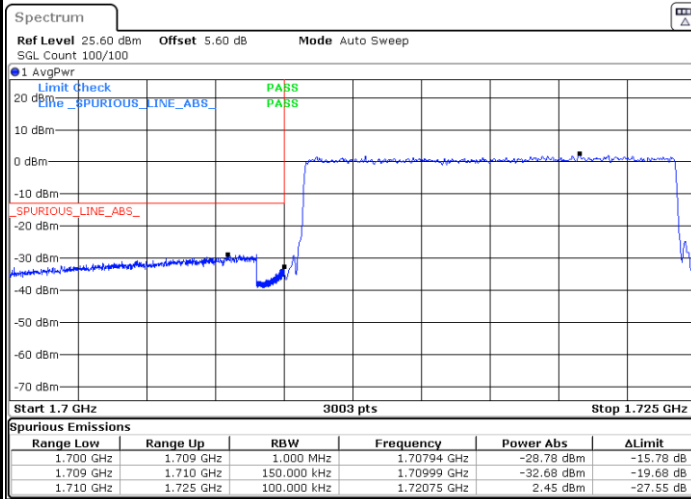
Date: 10.OCT.2022 04:42:15

Highest Band Edge / 1 RB



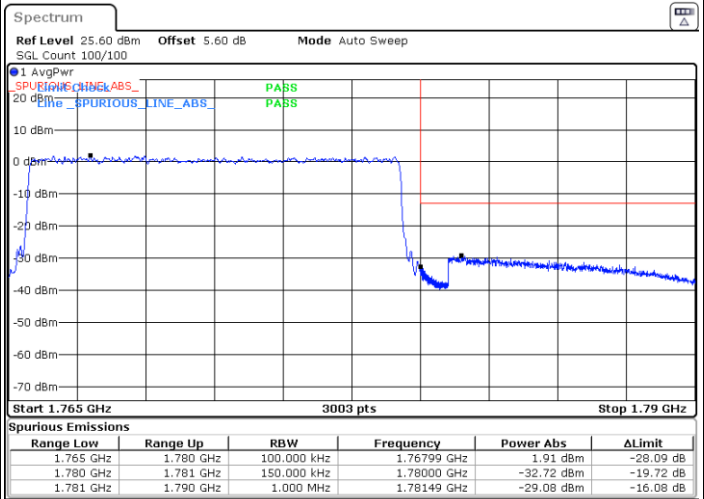
Date: 10.OCT.2022 04:53:01

Lowest Band Edge / Full RB



Date: 10.OCT.2022 04:46:17

Highest Band Edge / Full RB

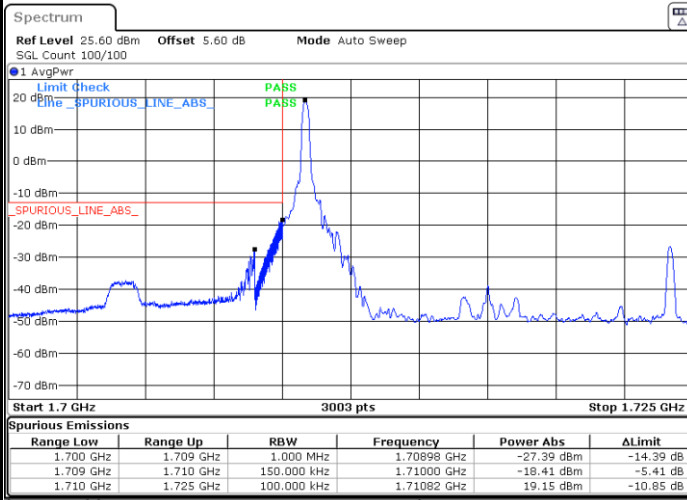


Date: 10.OCT.2022 04:57:03



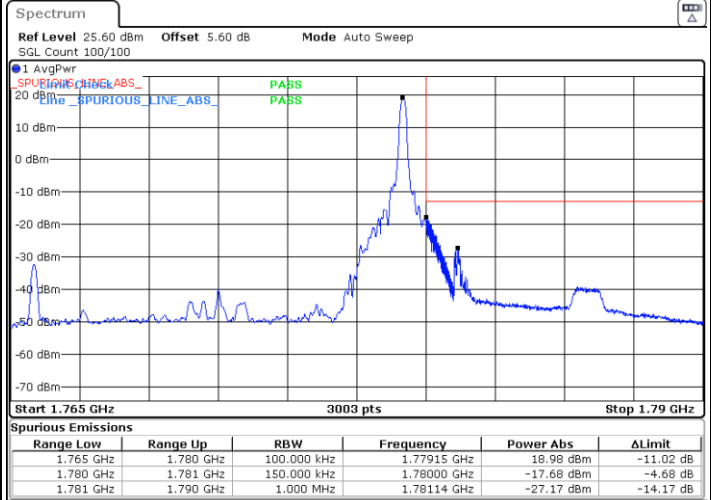
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



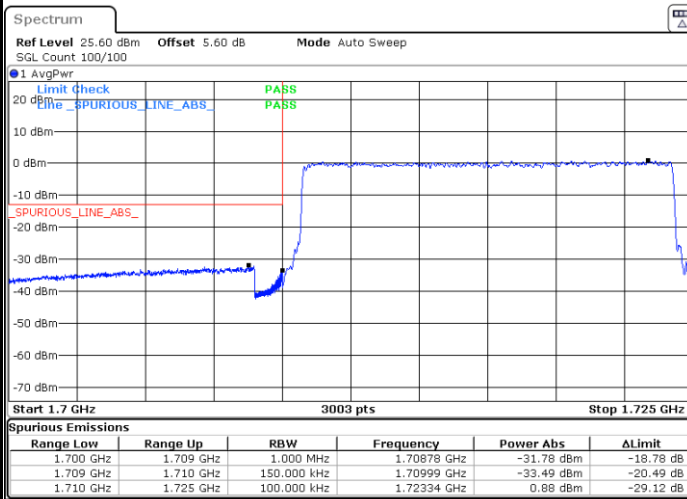
Date: 10.OCT.2022 04:43:36

Highest Band Edge / 1 RB



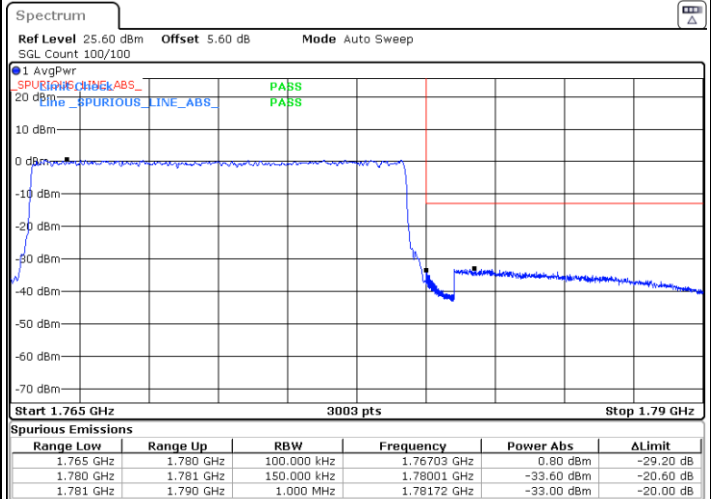
Date: 10.OCT.2022 04:54:22

Lowest Band Edge / Full RB



Date: 10.OCT.2022 04:44:57

Highest Band Edge / Full RB

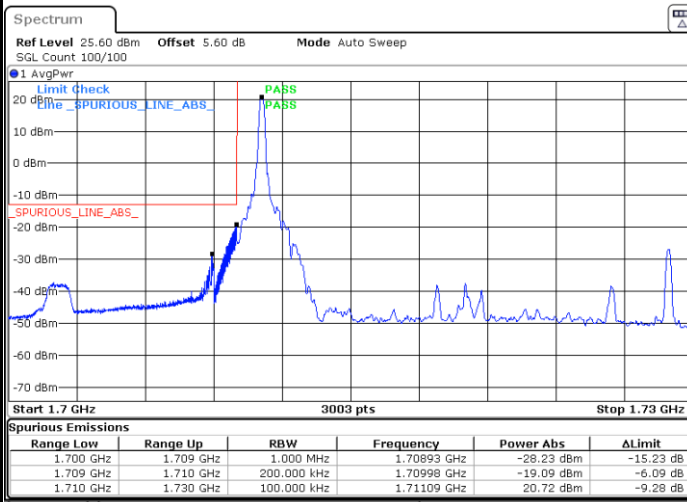


Date: 10.OCT.2022 04:55:43



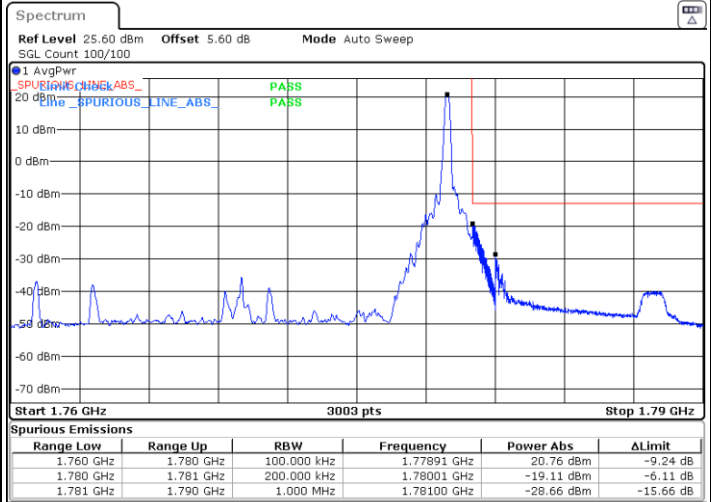
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



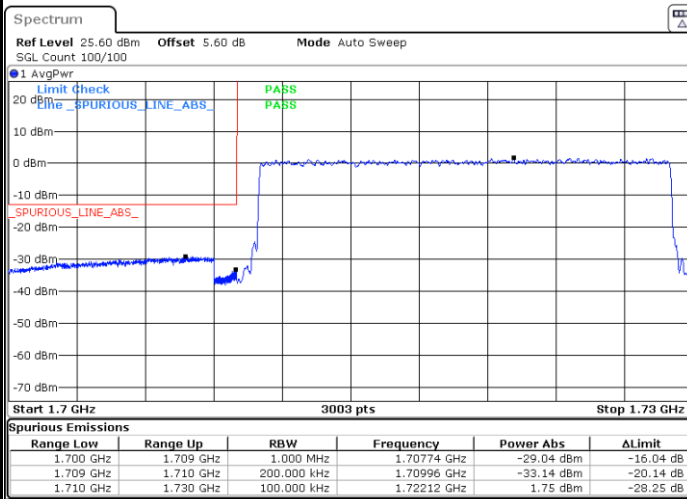
Date: 10.OCT.2022 05:01:05

Highest Band Edge / 1 RB



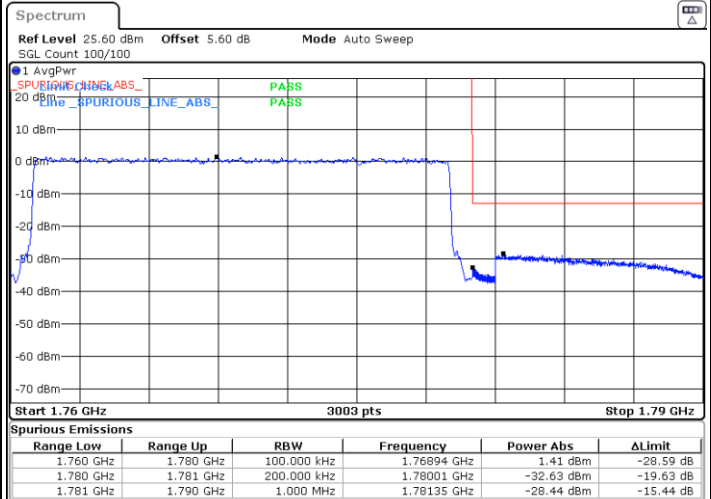
Date: 10.OCT.2022 05:11:50

Lowest Band Edge / Full RB



Date: 10.OCT.2022 05:07:48

Highest Band Edge / Full RB

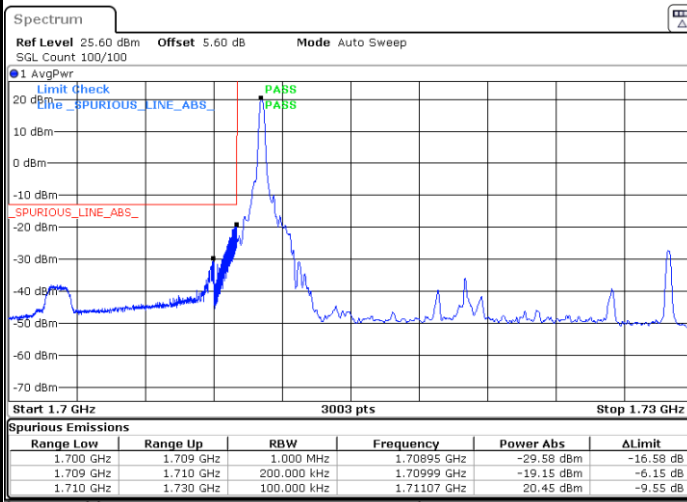


Date: 10.OCT.2022 05:18:32



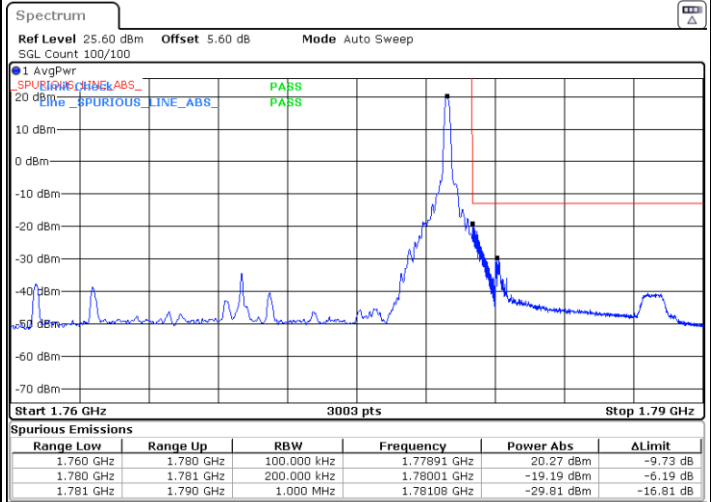
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



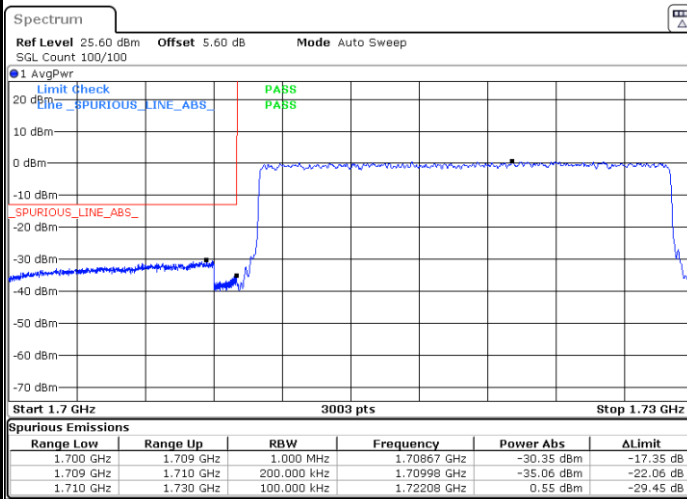
Date: 10.OCT.2022 05:02:26

Highest Band Edge / 1 RB



Date: 10.OCT.2022 05:13:10

Lowest Band Edge / Full RB



Date: 10.OCT.2022 05:06:28

Highest Band Edge / Full RB

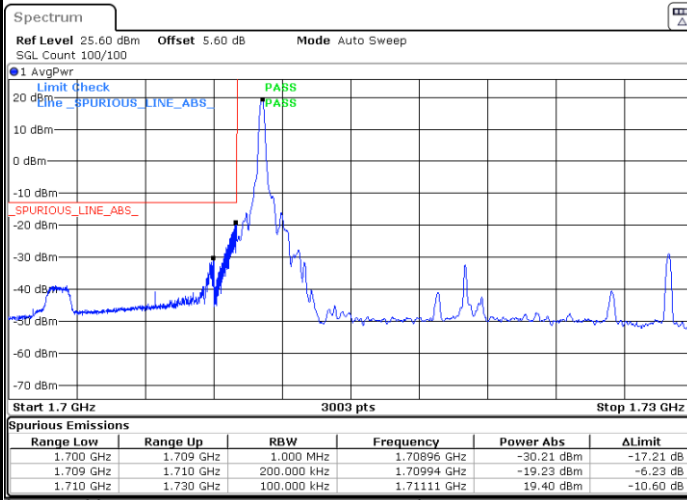


Date: 10.OCT.2022 05:17:12



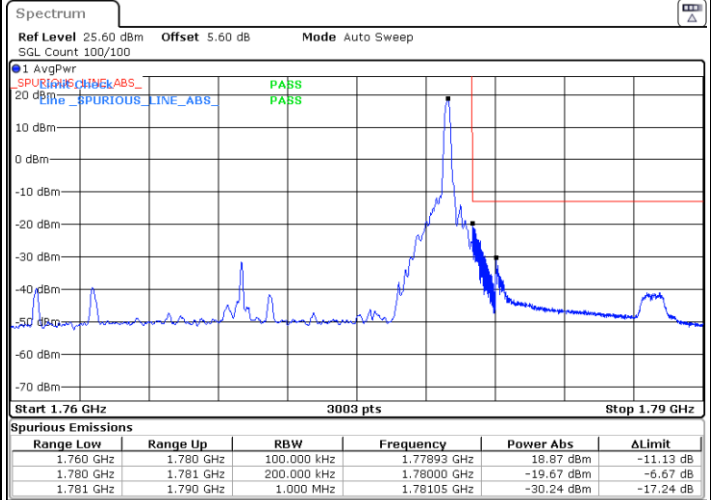
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



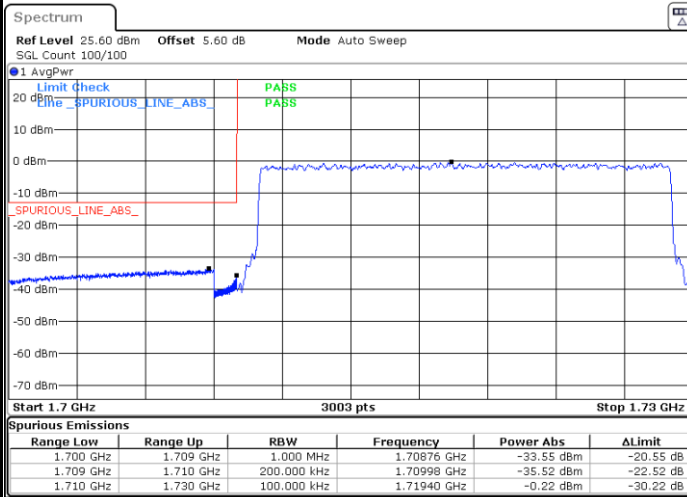
Date: 10.OCT.2022 05:03:46

Highest Band Edge / 1 RB



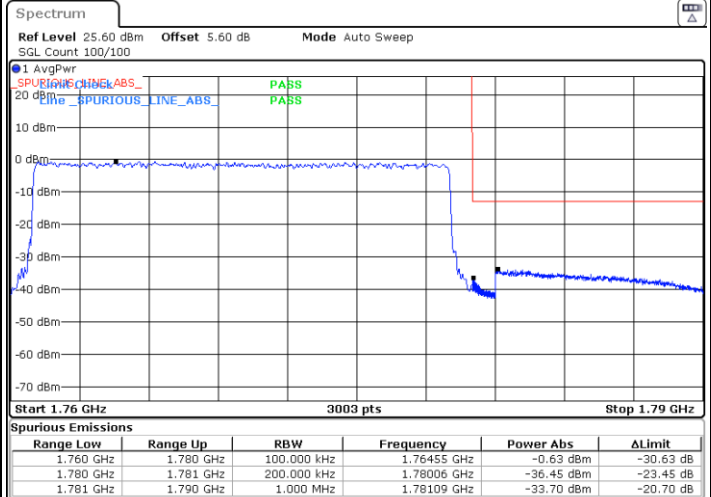
Date: 10.OCT.2022 05:14:31

Lowest Band Edge / Full RB



Date: 10.OCT.2022 05:05:07

Highest Band Edge / Full RB



Date: 10.OCT.2022 05:15:51

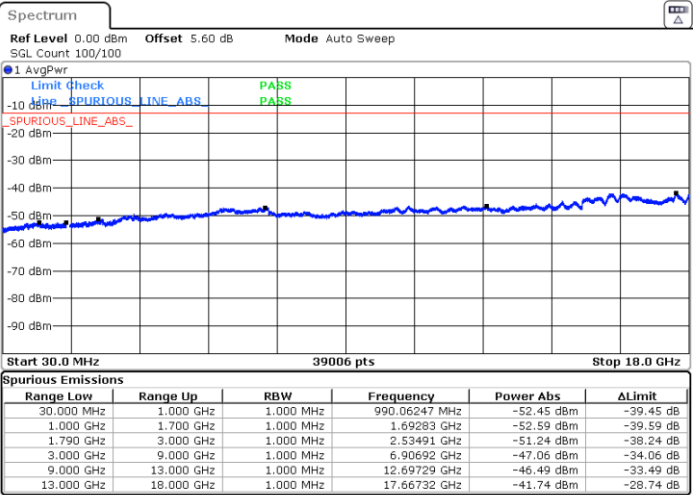
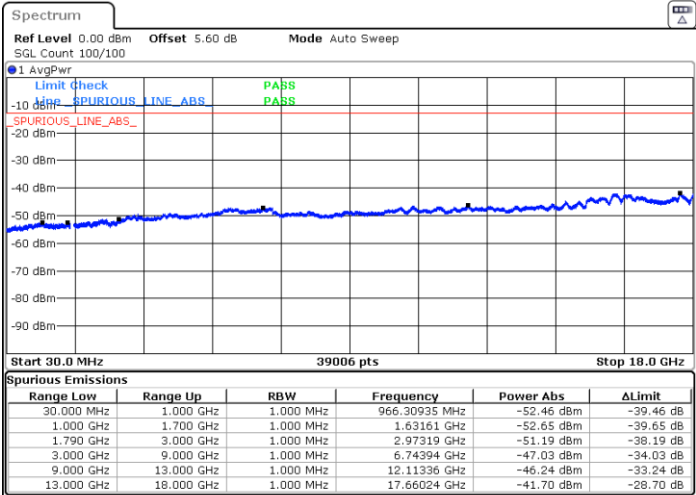


Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

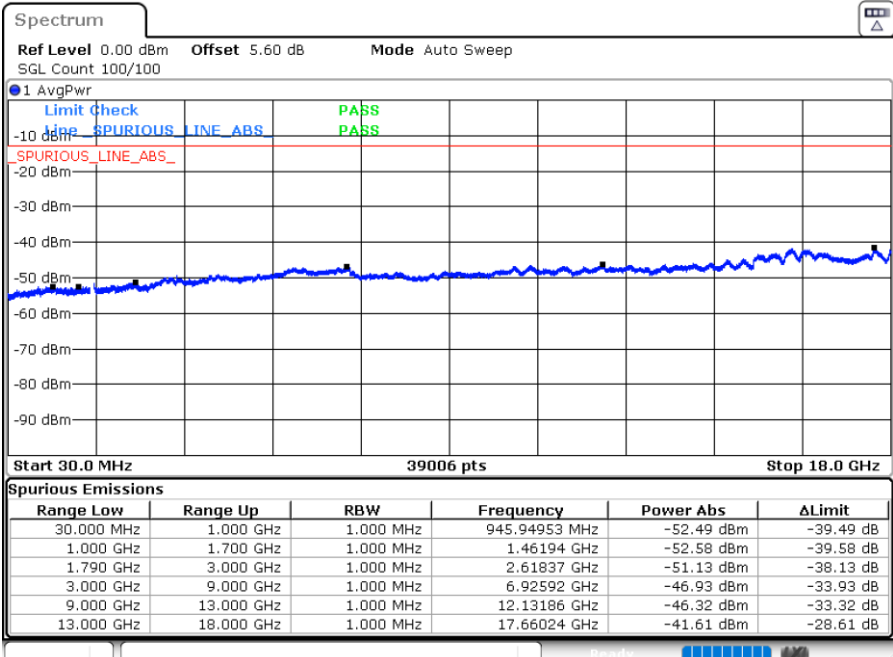
Middle Channel / QPSK



Date: 10.OCT.2022 02:56:44

Date: 10.OCT.2022 03:06:22

Highest Channel / QPSK



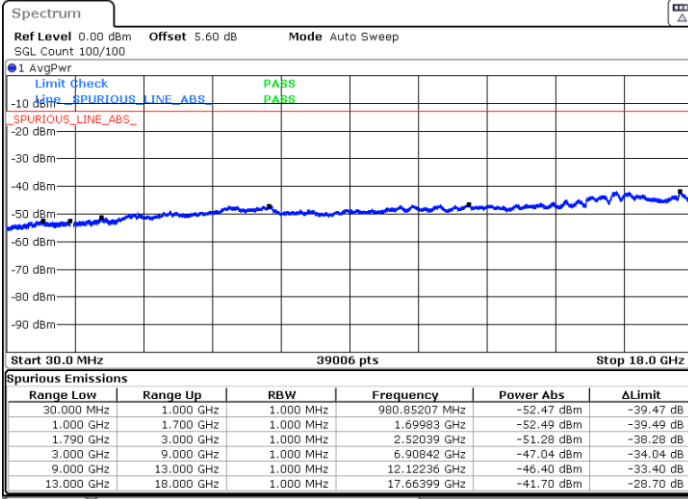
Date: 10.OCT.2022 03:07:45



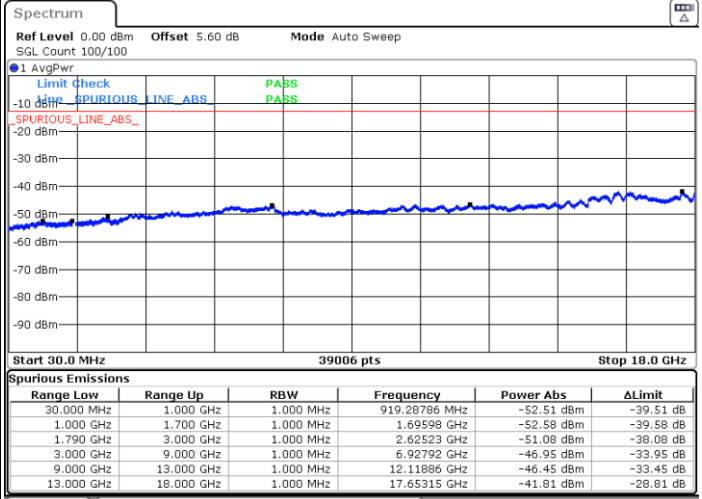
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

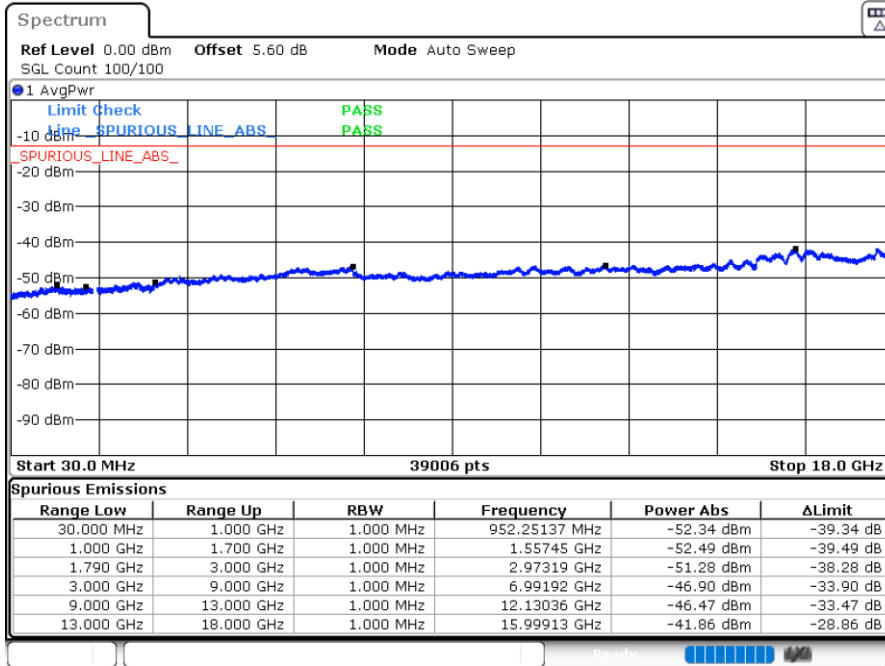


Date: 10.OCT.2022 03:17:20



Date: 10.OCT.2022 03:26:57

Highest Channel / QPSK



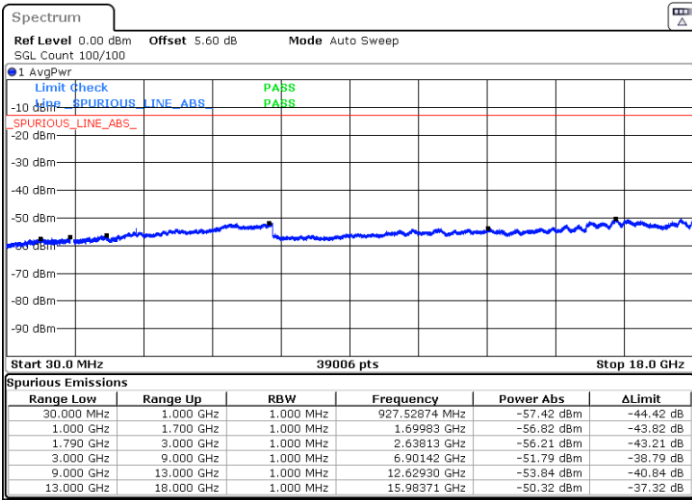
Date: 10.OCT.2022 03:28:19



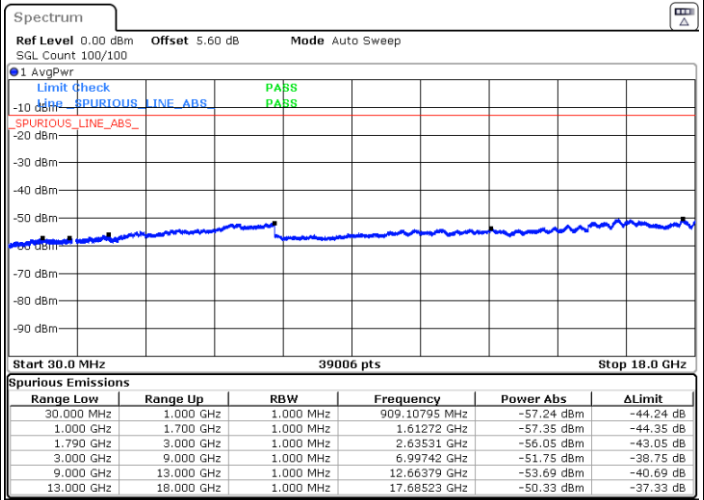
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

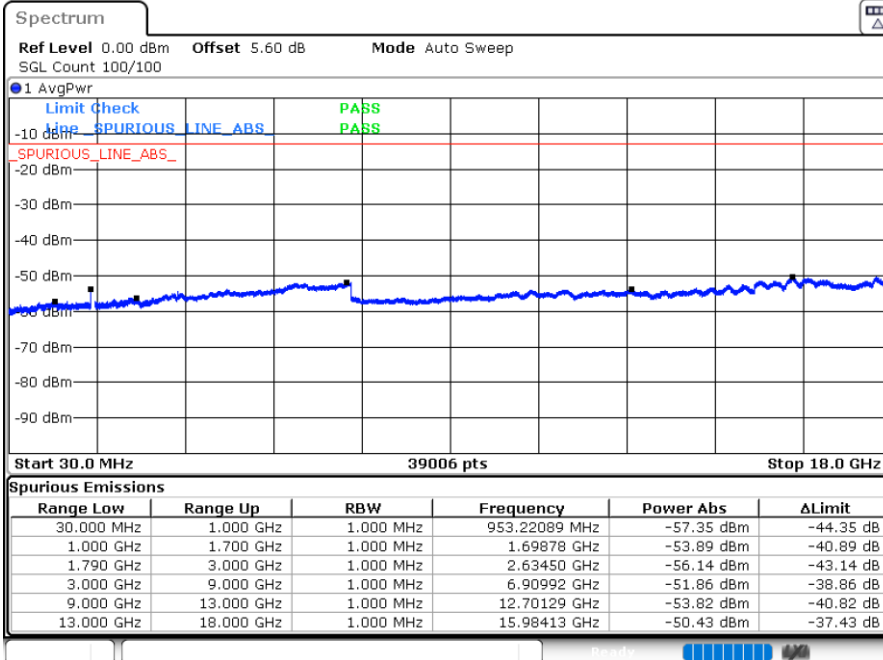


Date: 10.OCT.2022 03:37:57



Date: 10.OCT.2022 03:47:35

Highest Channel / QPSK



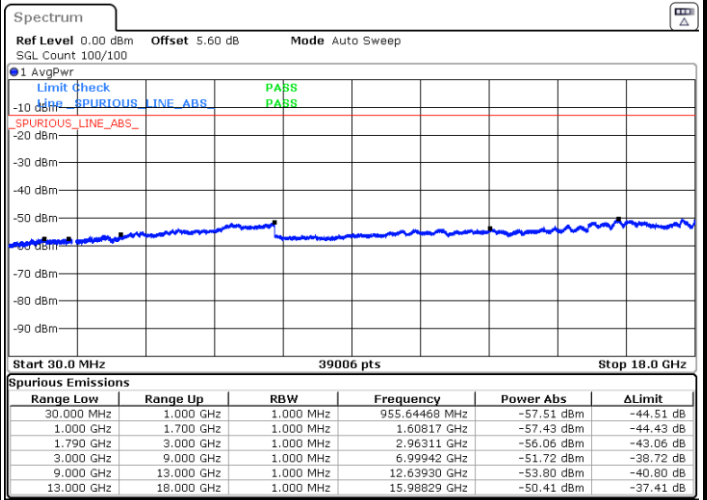
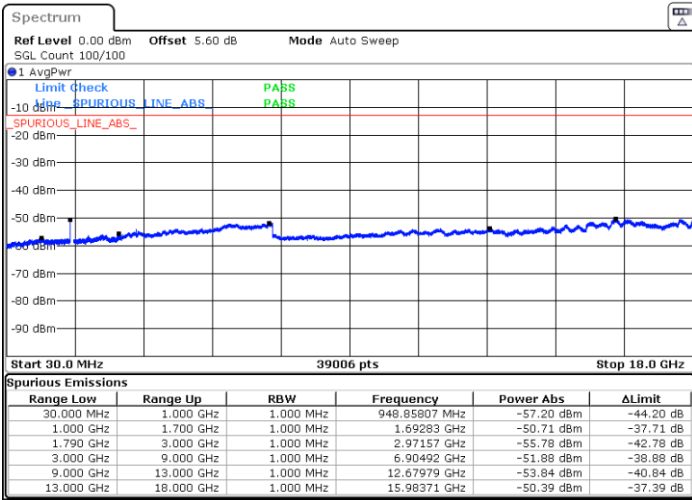
Date: 10.OCT.2022 03:48:57



LTE Band 66 / 10MHz

Lowest Channel / QPSK

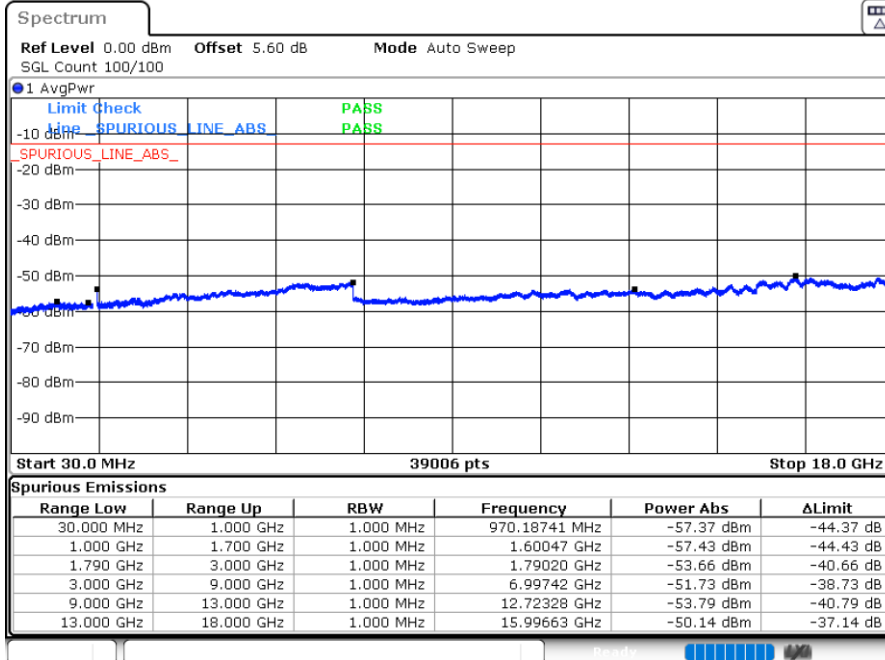
Middle Channel / QPSK



Date: 10.OCT.2022 04:14:57

Date: 10.OCT.2022 04:24:35

Highest Channel / QPSK

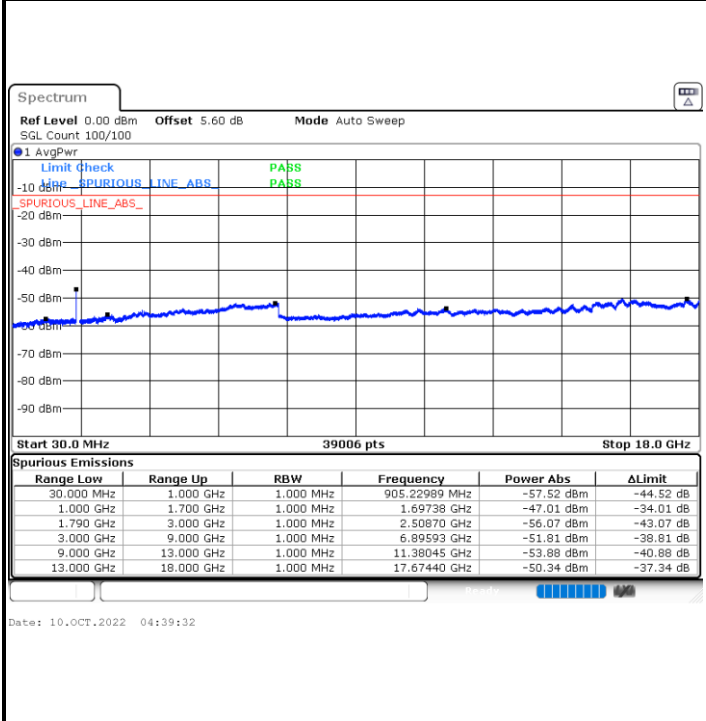


Date: 10.OCT.2022 04:30:08

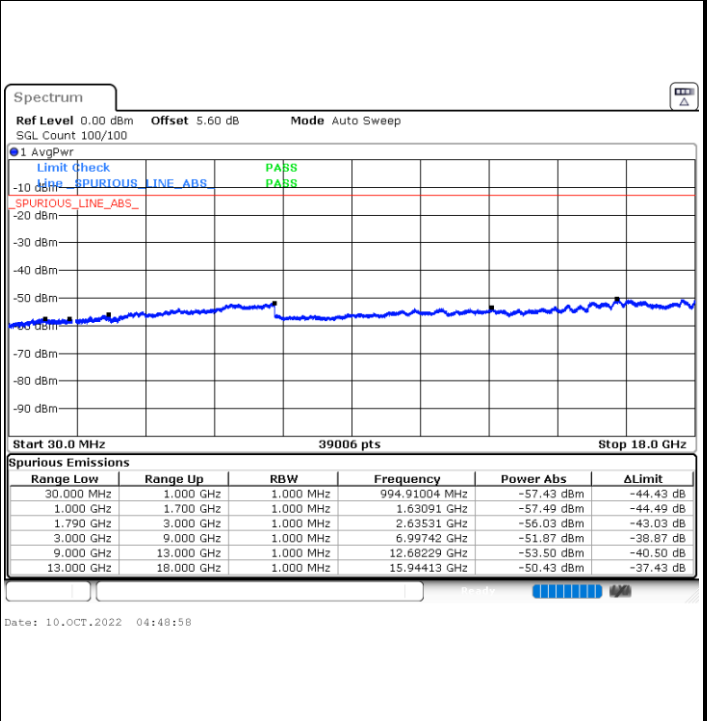


LTE Band 66 / 15MHz

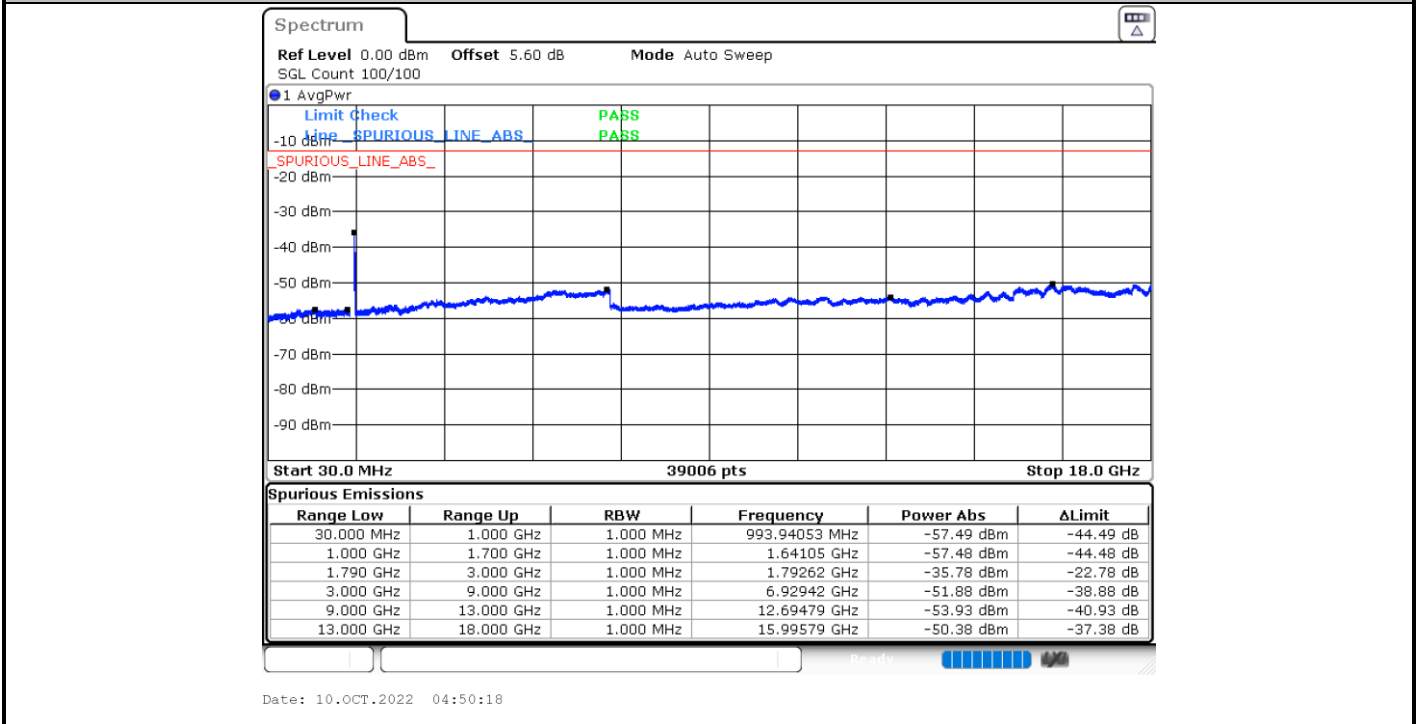
Lowest Channel / QPSK



Middle Channel / QPSK



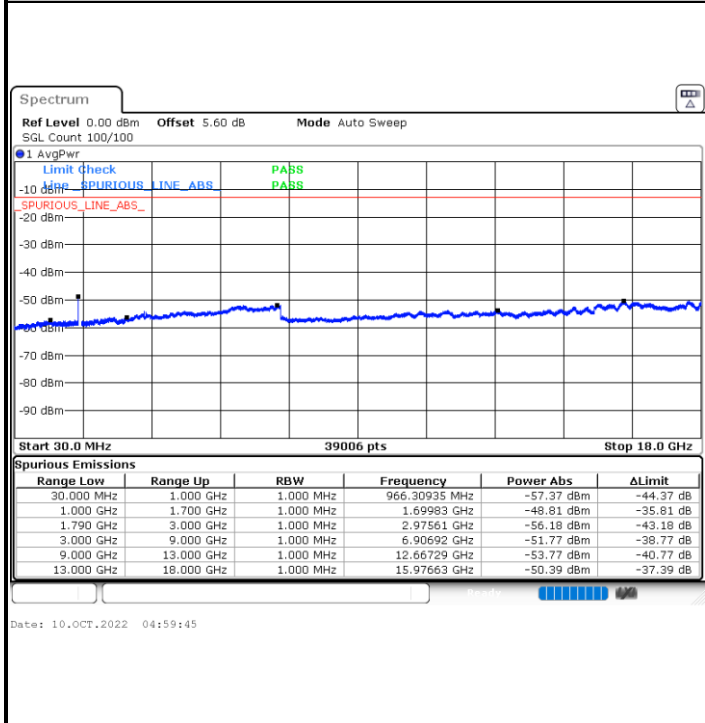
Highest Channel / QPSK



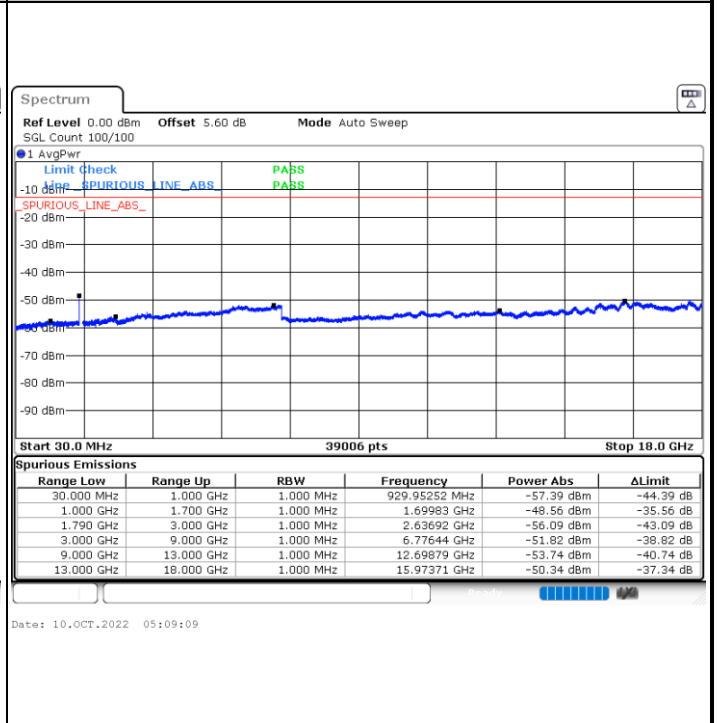


LTE Band 66 / 20MHz

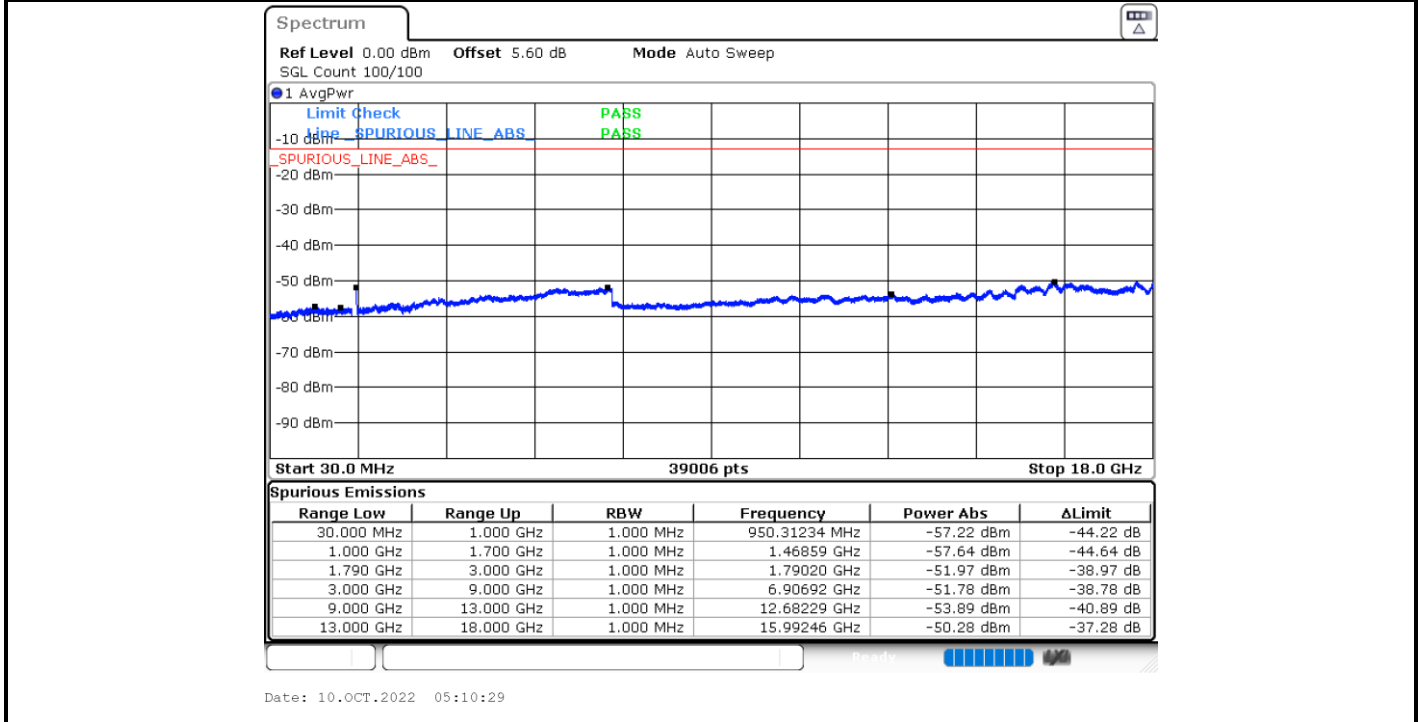
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





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	0.0021	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.65V. ; Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Wenshi Wei	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 2 / 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	3742.18	-57.51	-13	-44.51	-80.40	-64.26	5.85	12.60	H
	5613.27	-57.32	-13	-44.32	-81.60	-63.12	7.30	13.10	H
	7484.36	-55.17	-13	-42.17	-81.63	-58.32	8.35	11.50	H
	3742.18	-54.59	-13	-41.59	-79.49	-61.34	5.85	12.60	V
	5613.27	-56.32	-13	-43.32	-81.45	-62.12	7.30	13.10	V
	7484.36	-55.19	-13	-42.19	-81.63	-58.34	8.35	11.50	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052.18	-57.96	-25	-32.96	-81.06	-63.52	7.14	12.70	H
	7578.27	-55.62	-25	-30.62	-81.70	-58.92	8.30	11.60	H
	10104.36	-53.04	-25	-28.04	-83.24	-54.56	10.48	12.00	H
	5052.18	-56.40	-25	-31.40	-80.83	-61.96	7.14	12.70	V
	7578.27	-55.52	-25	-30.52	-81.6	-58.82	8.30	11.60	V
	10104.36	-52.36	-25	-27.36	-83.54	-53.88	10.48	12.00	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1659.5	-64.77	-13	-51.77	-76.42	-68.02	4.00	9.40	H
	2489.25	-59.69	-13	-46.69	-78.46	-63.26	4.88	10.60	H
	3319	-57.28	-13	-44.28	-78.16	-62.21	5.52	12.60	H
	1659.5	-63.80	-13	-50.80	-76.12	-67.05	4.00	9.40	V
	2489.25	-59.32	-13	-46.32	-78.35	-62.89	4.88	10.60	V
	3319	-56.59	-13	-43.59	-78.17	-61.52	5.52	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168.18	-56.25	-25	-31.25	-80.17	-61.81	7.14	12.70	H
	7752.27	-56.08	-25	-31.08	-81.65	-59.38	8.30	11.60	H
	10336.36	-52.47	-25	-27.47	-83.06	-53.99	10.48	12.00	H
	5168.18	-56.36	-25	-31.36	-80.78	-61.92	7.14	12.70	V
	7752.27	-52.20	-25	-27.20	-80.86	-55.50	8.30	11.60	V
	10336.36	-51.01	-25	-26.01	-83.35	-52.53	10.48	12.00	V

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

LTE Band 66 / 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	-57.97	-13	-44.97	-79.92	-64.82	5.65	12.50	H
	5208	-56.99	-13	-43.99	-81.21	-62.66	7.13	12.80	H
	6944	-55.37	-13	-42.37	-81.08	-58.77	8.40	11.80	H
	3472	-57.48	-13	-44.48	-79.23	-64.33	5.65	12.50	V
	5208	-57.21	-13	-44.21	-81.6	-62.88	7.13	12.80	V
	6944	-55.27	-13	-42.27	-81.71	-58.67	8.40	11.80	V

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