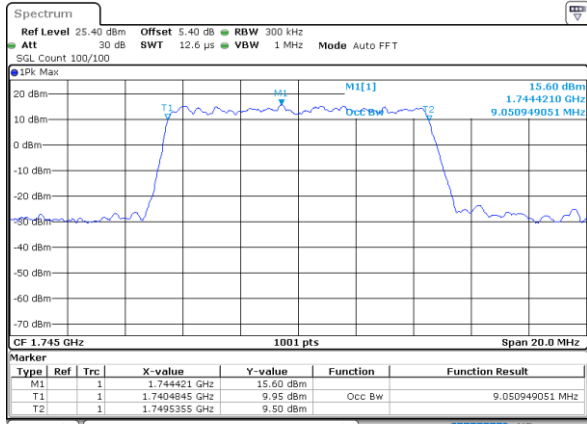




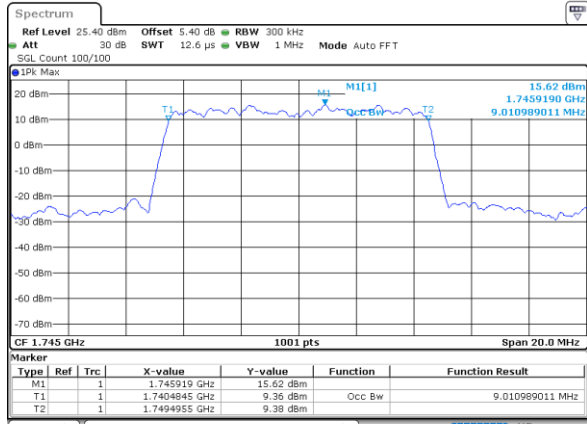
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 4.FEB.2023 13:26:22

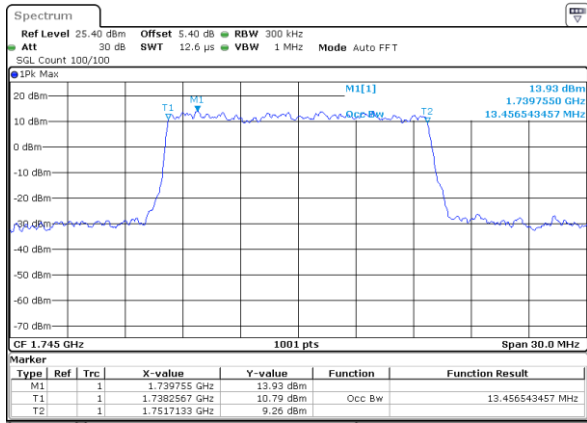
Middle Channel / 10MHz / 16QAM



Date: 4.FEB.2023 13:27:26

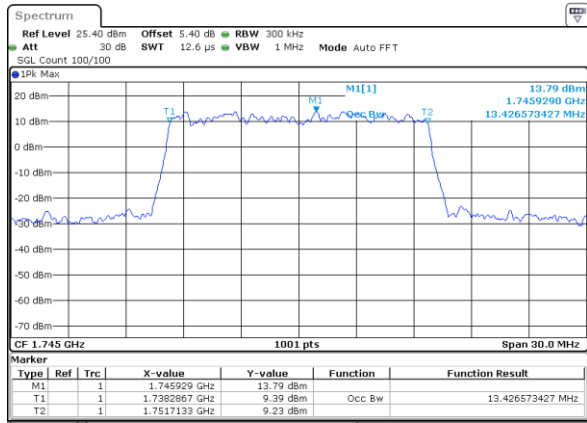
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 4.FEB.2023 13:27:49

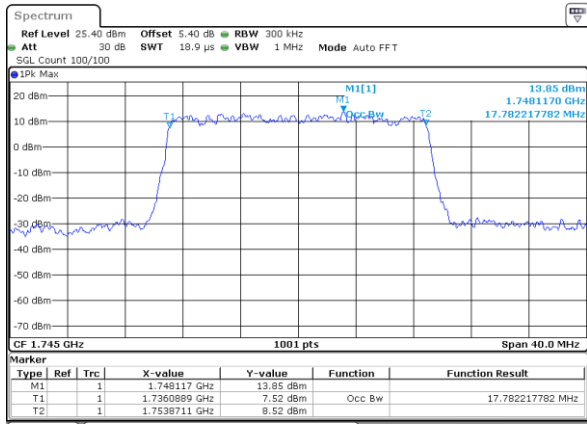
Middle Channel / 15MHz / 16QAM



Date: 4.FEB.2023 13:28:53

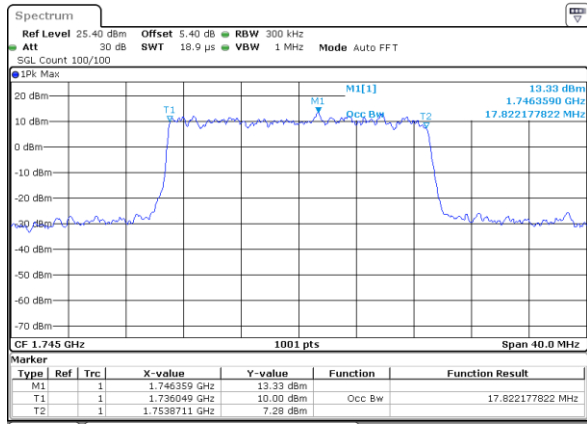
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 4.FEB.2023 12:32:24

Middle Channel / 20MHz / 16QAM



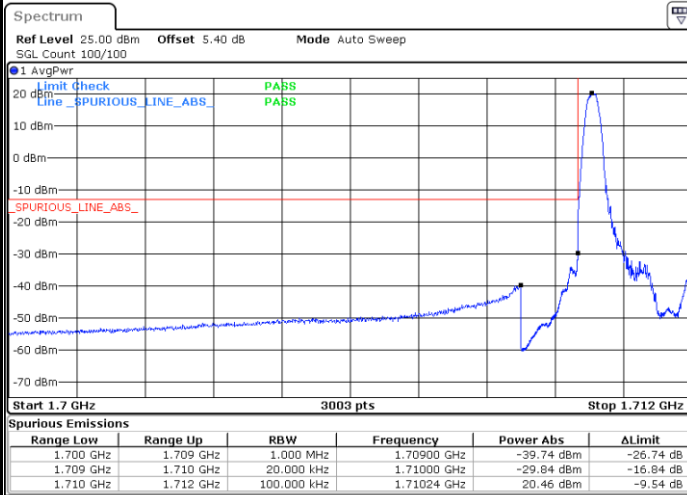
Date: 4.FEB.2023 12:32:46



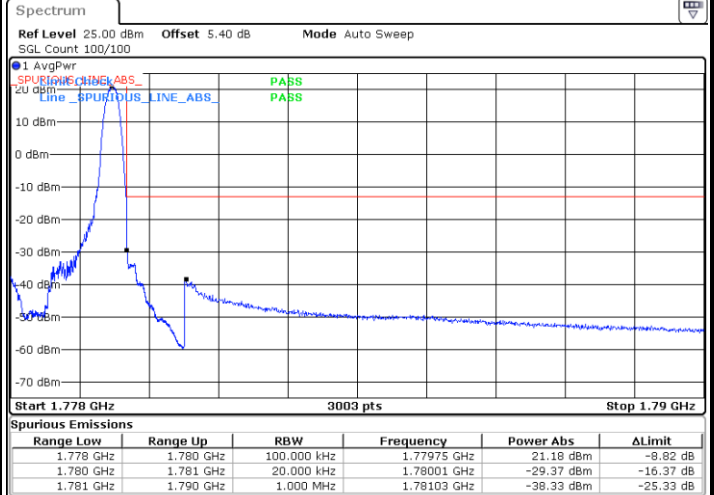
# Conducted Band Edge

## LTE Band 66 / 1.4MHz / QPSK

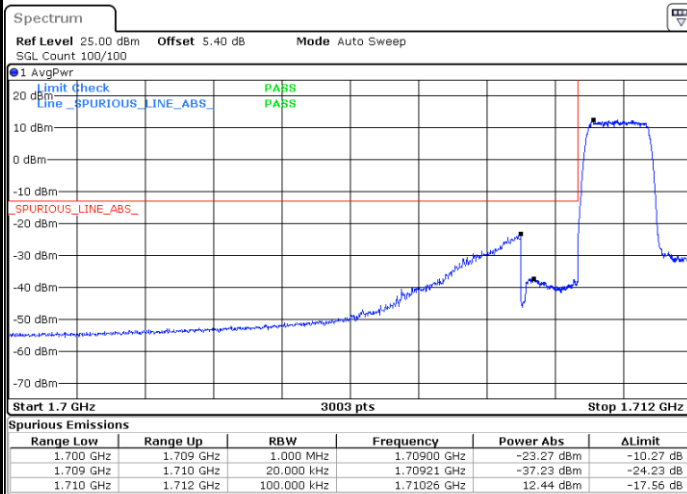
### Lowest Band Edge / 1RB



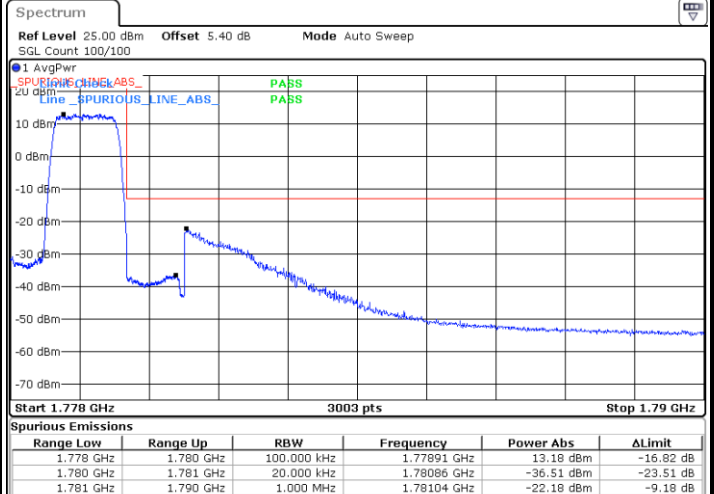
### Highest Band Edge / 1RB



### Lowest Band Edge / Full RB



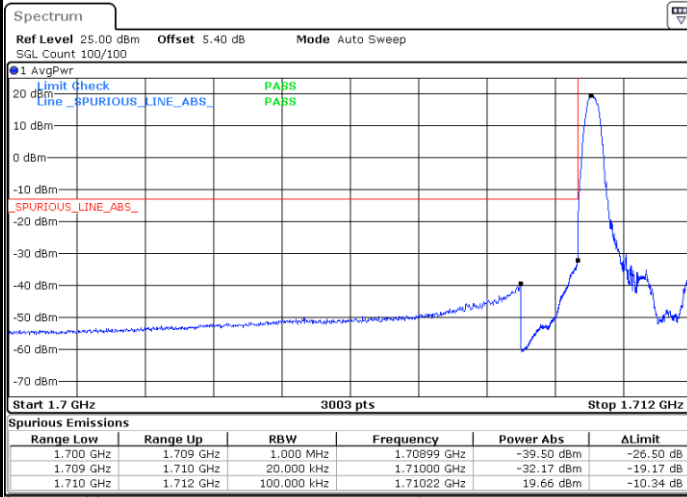
### Highest Band Edge / Full RB





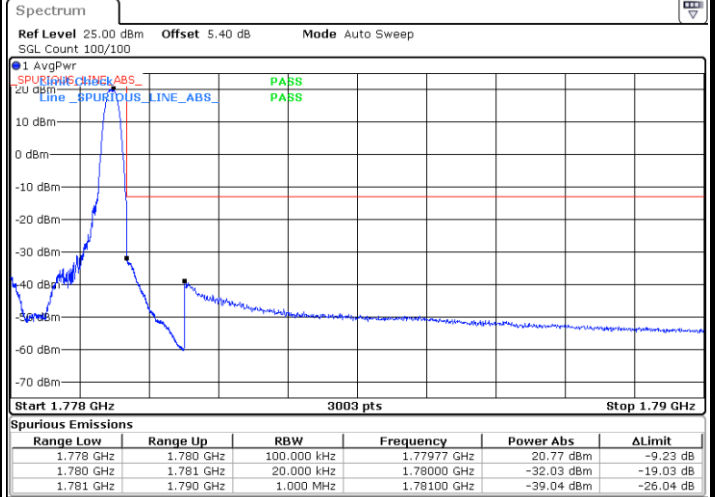
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



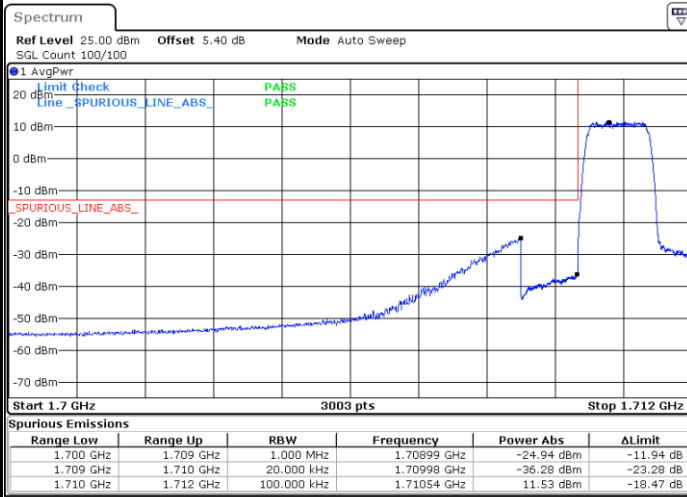
Date: 4.FEB.2023 13:10:15

Highest Band Edge / 1 RB



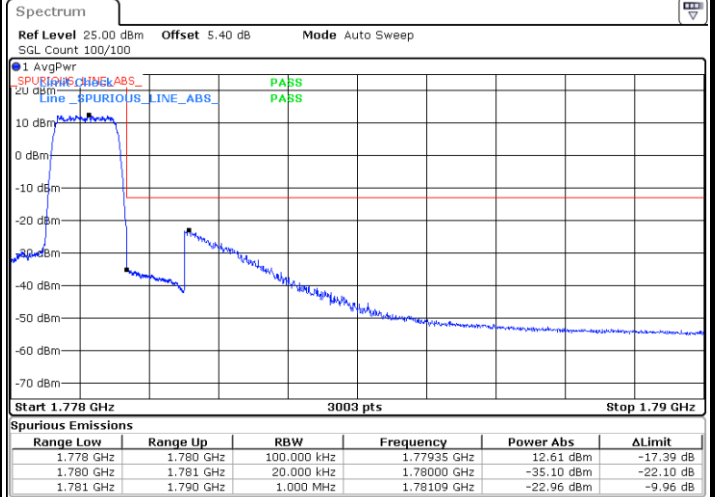
Date: 4.FEB.2023 13:17:46

Lowest Band Edge / Full RB



Date: 4.FEB.2023 13:11:28

Highest Band Edge / Full RB

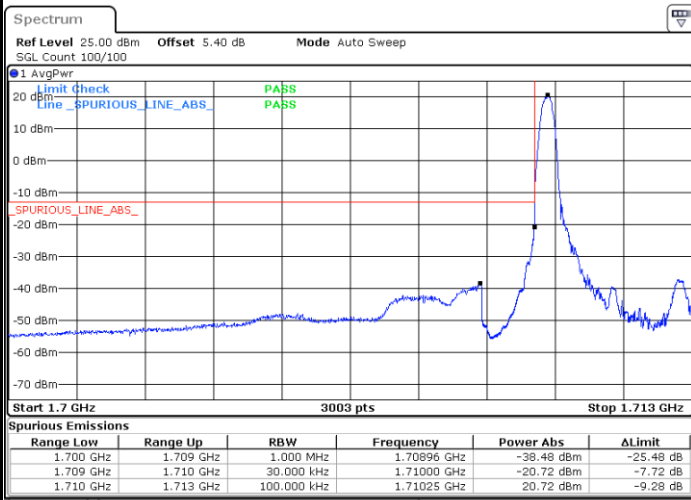


Date: 4.FEB.2023 13:18:59



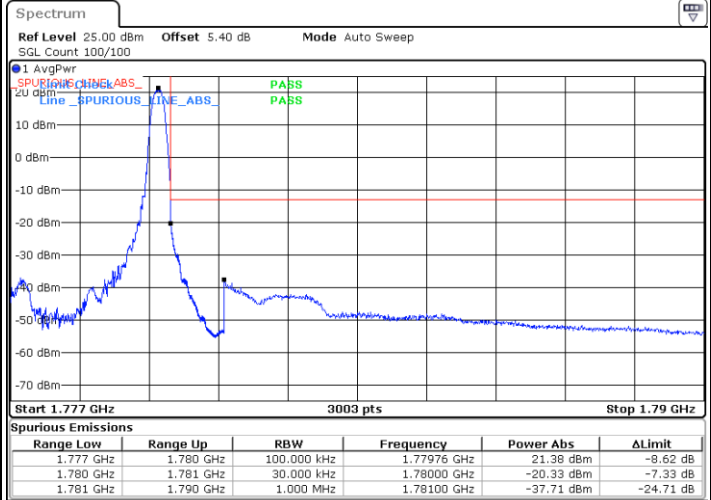
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



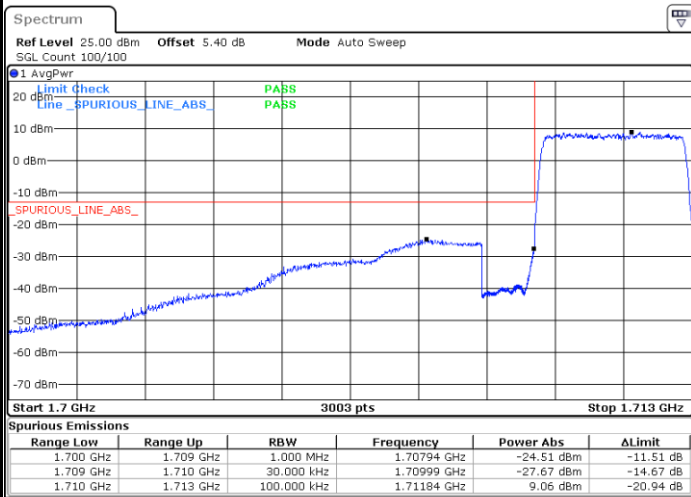
Date: 4.FEB.2023 11:40:50

Highest Band Edge / 1 RB



Date: 4.FEB.2023 11:46:52

Lowest Band Edge / Full RB



Date: 4.FEB.2023 11:43:22

Highest Band Edge / Full RB

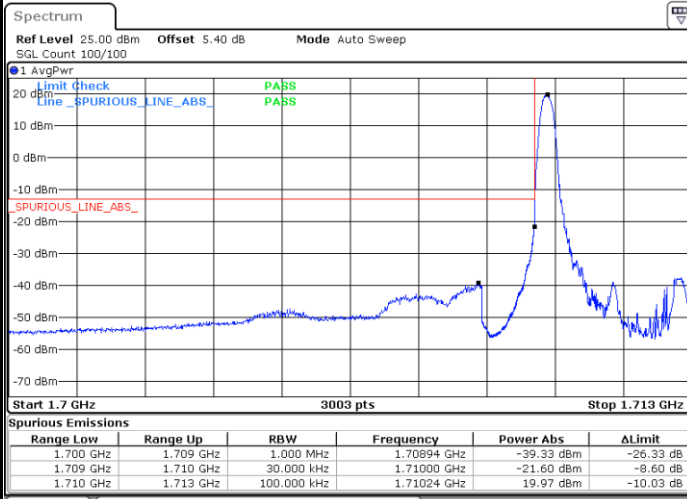


Date: 4.FEB.2023 11:49:22



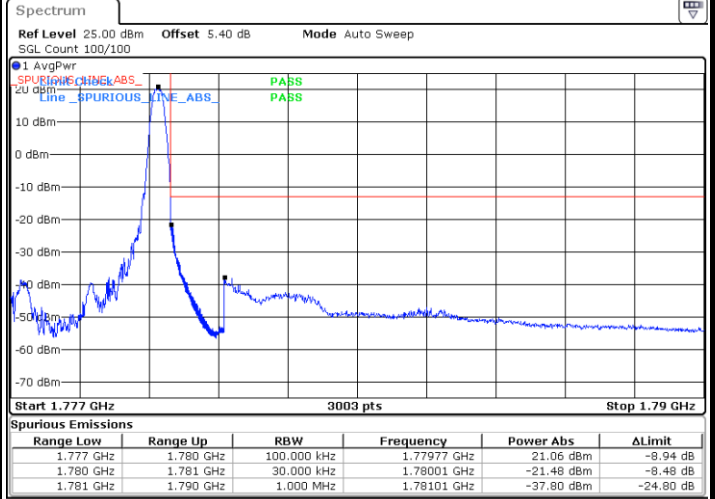
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



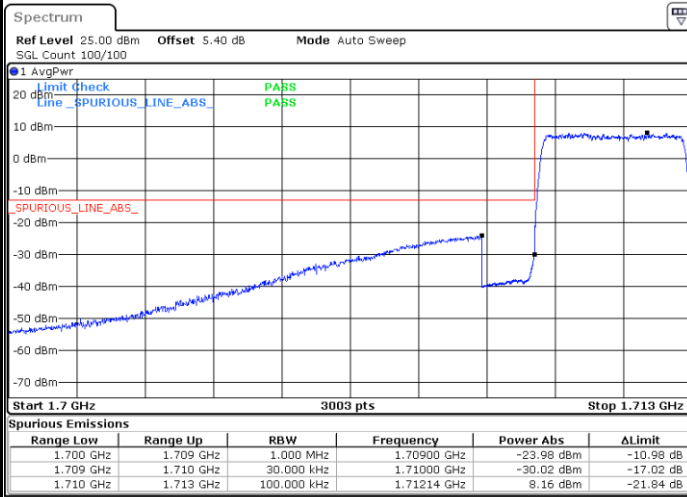
Date: 4.FEB.2023 11:41:40

Highest Band Edge / 1 RB



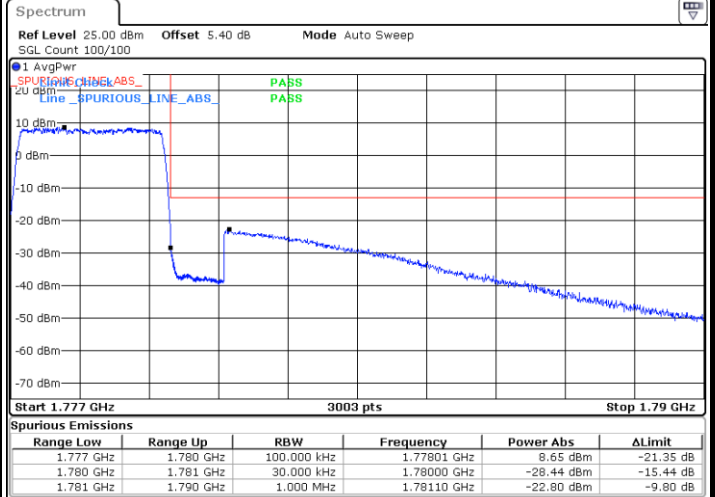
Date: 4.FEB.2023 11:47:42

Lowest Band Edge / Full RB



Date: 4.FEB.2023 11:42:32

Highest Band Edge / Full RB

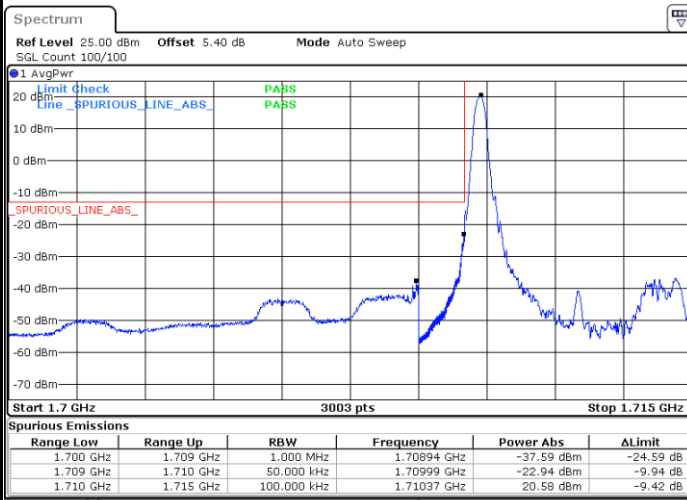


Date: 4.FEB.2023 11:48:32



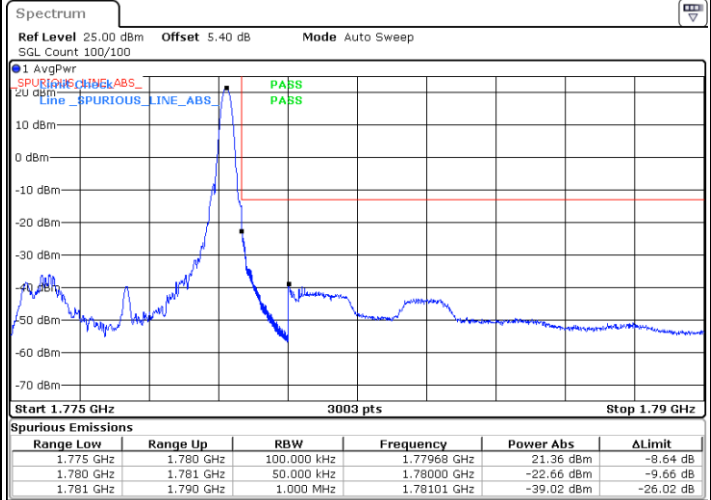
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



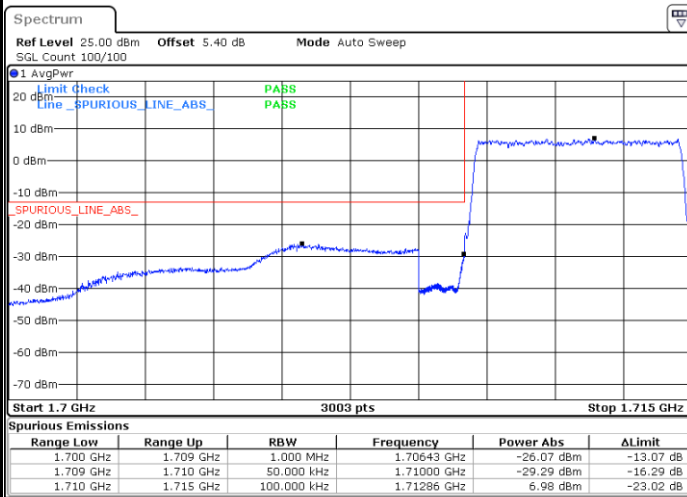
Date: 4.FEB.2023 11:51:32

Highest Band Edge / 1 RB



Date: 4.FEB.2023 11:57:33

Lowest Band Edge / Full RB



Date: 4.FEB.2023 11:54:03

Highest Band Edge / Full RB

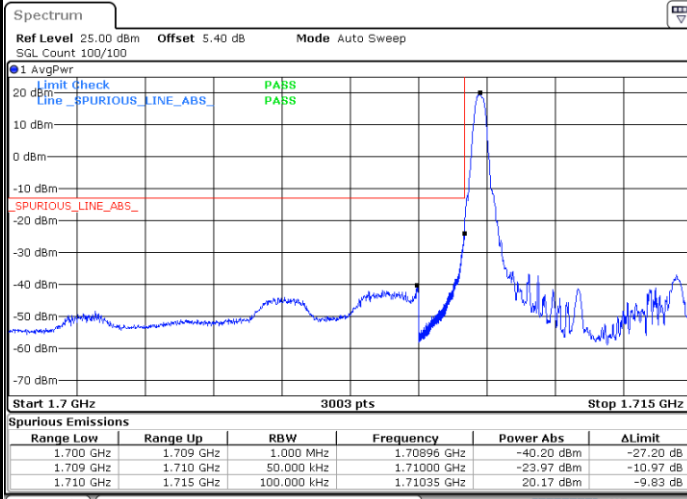


Date: 4.FEB.2023 12:00:02



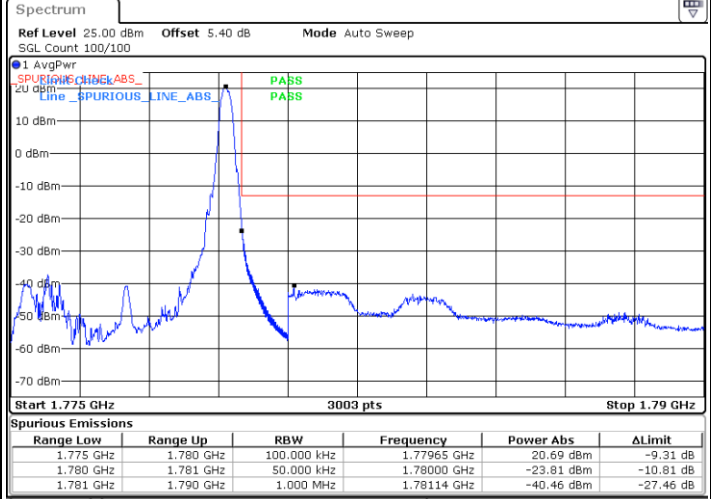
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



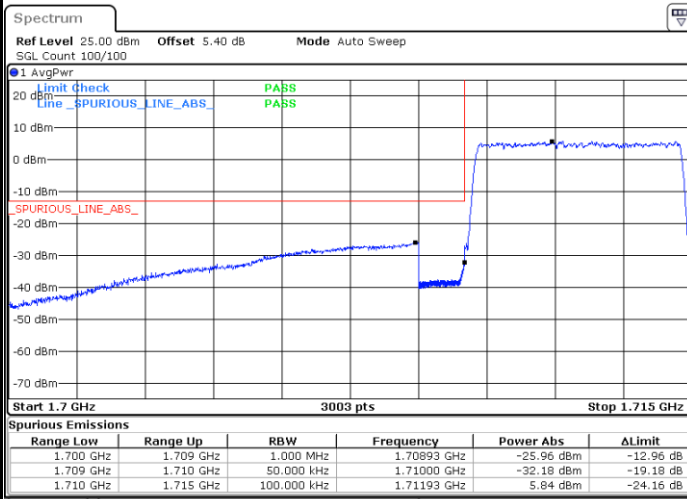
Date: 4.FEB.2023 11:52:22

Highest Band Edge / 1 RB



Date: 4.FEB.2023 11:56:22

Lowest Band Edge / Full RB



Date: 4.FEB.2023 11:53:12

Highest Band Edge / Full RB

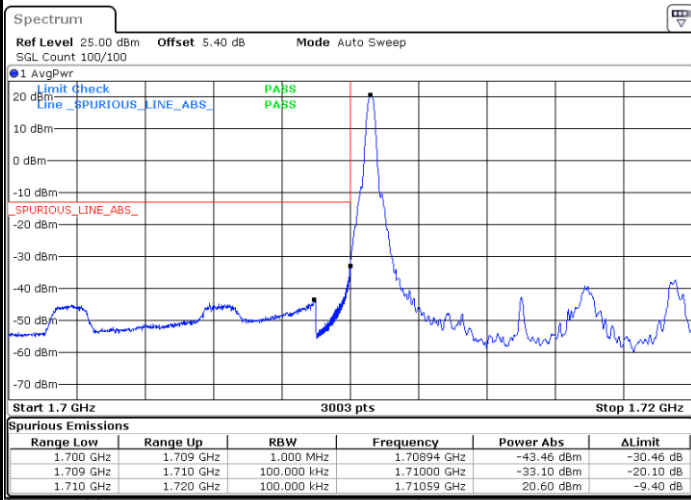


Date: 4.FEB.2023 11:59:12



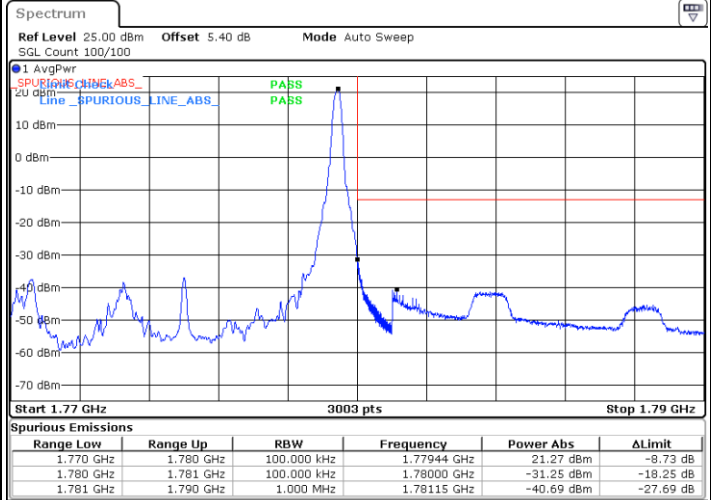
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



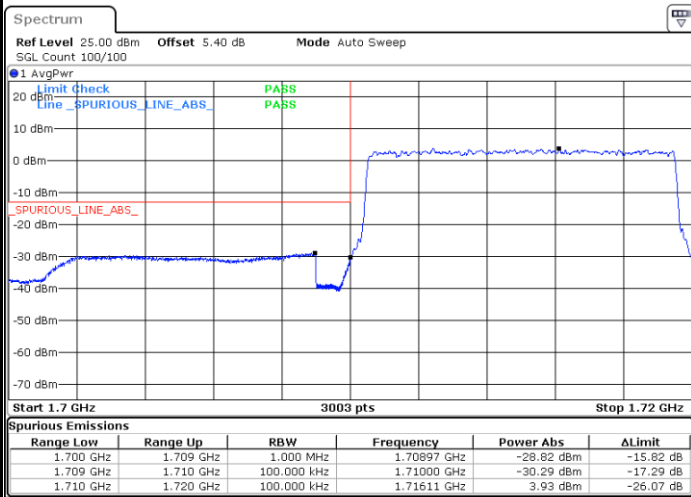
Date: 4.FEB.2023 12:02:13

Highest Band Edge / 1 RB



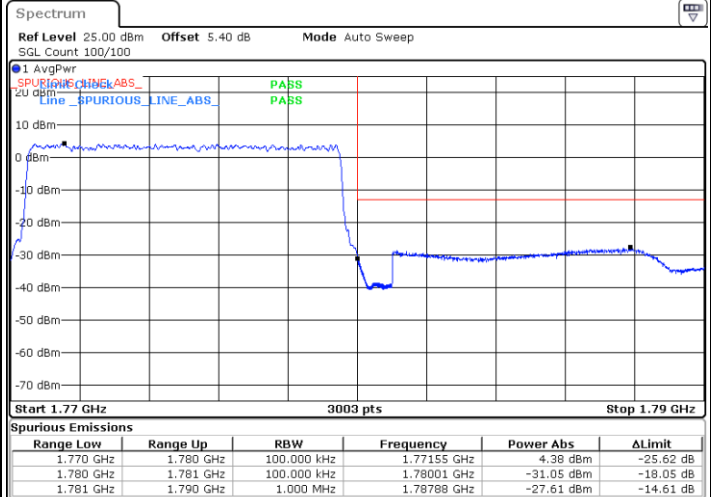
Date: 4.FEB.2023 12:08:12

Lowest Band Edge / Full RB



Date: 4.FEB.2023 12:04:43

Highest Band Edge / Full RB



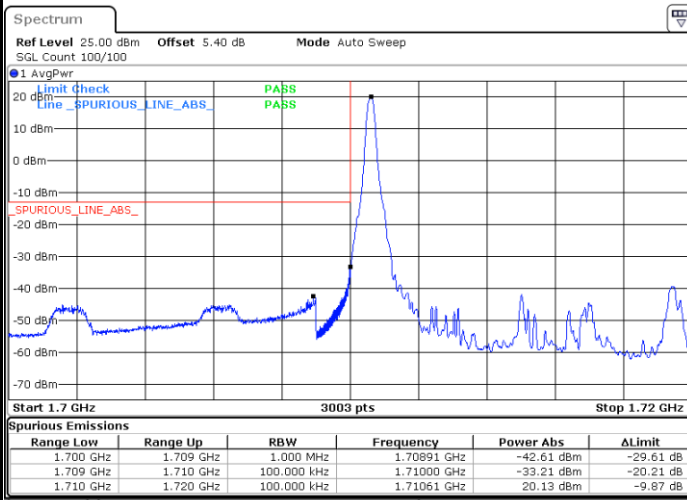
Date: 4.FEB.2023 12:10:42





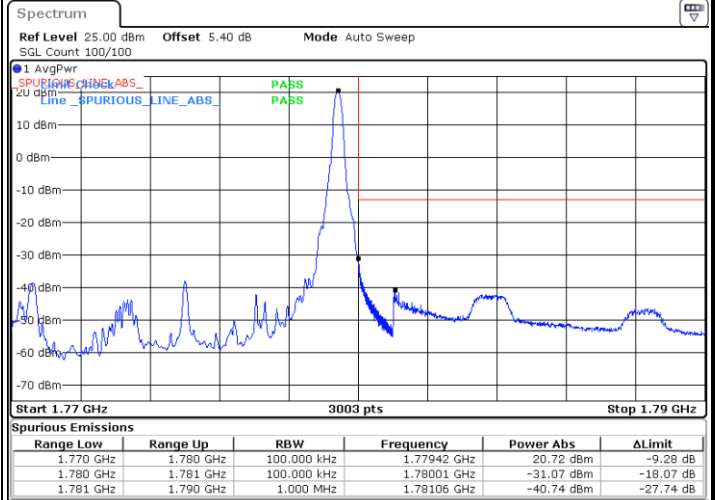
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



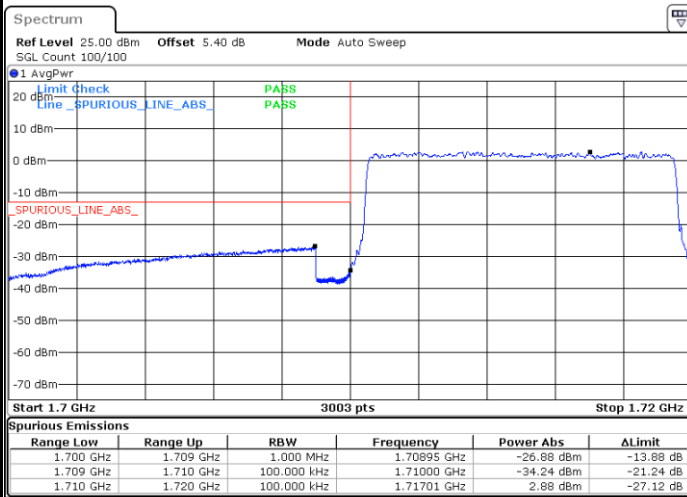
Date: 4.FEB.2023 12:03:03

Highest Band Edge / 1 RB



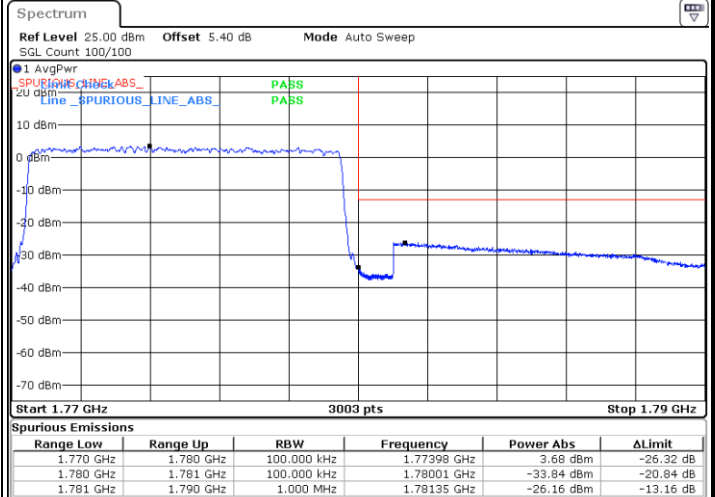
Date: 4.FEB.2023 12:09:02

Lowest Band Edge / Full RB



Date: 4.FEB.2023 12:03:53

Highest Band Edge / Full RB

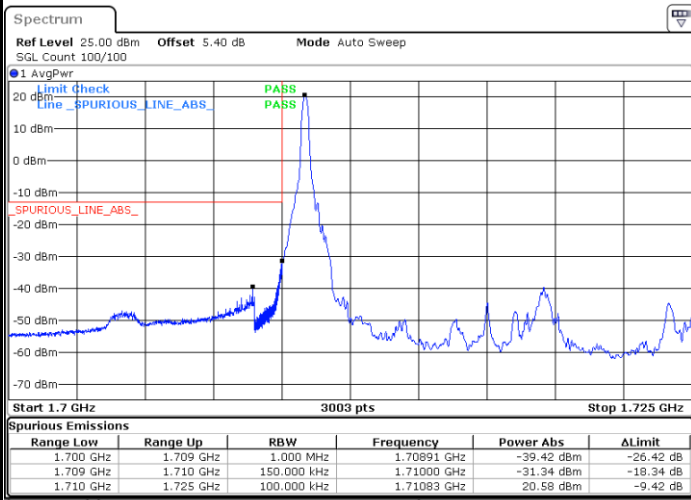


Date: 4.FEB.2023 12:09:52

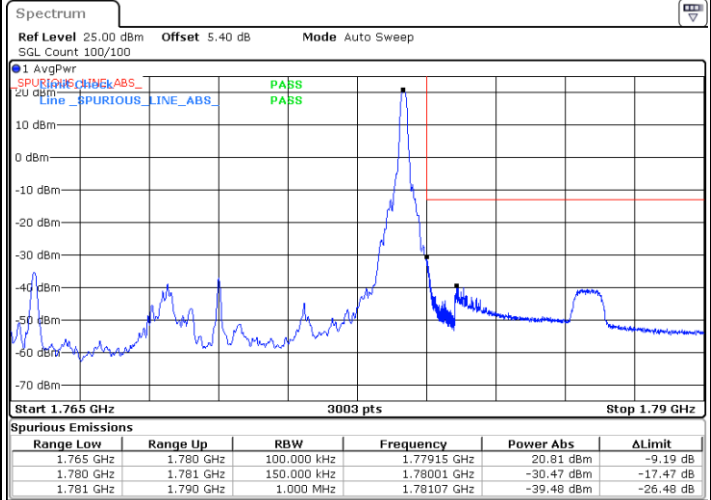


LTE Band 66 / 15MHz / QPSK

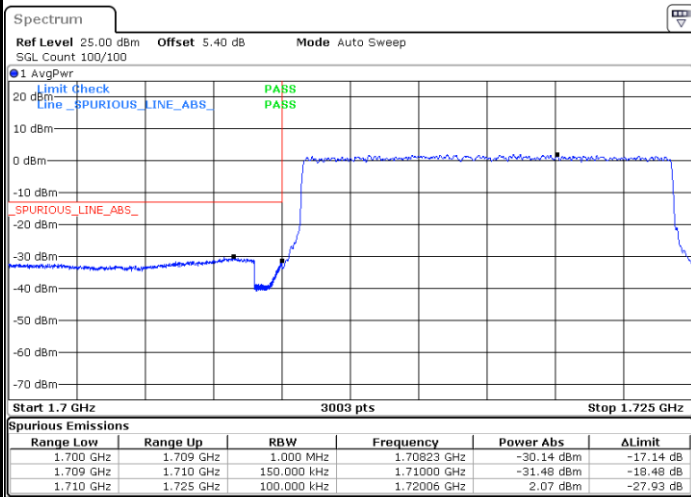
Lowest Band Edge / 1 RB



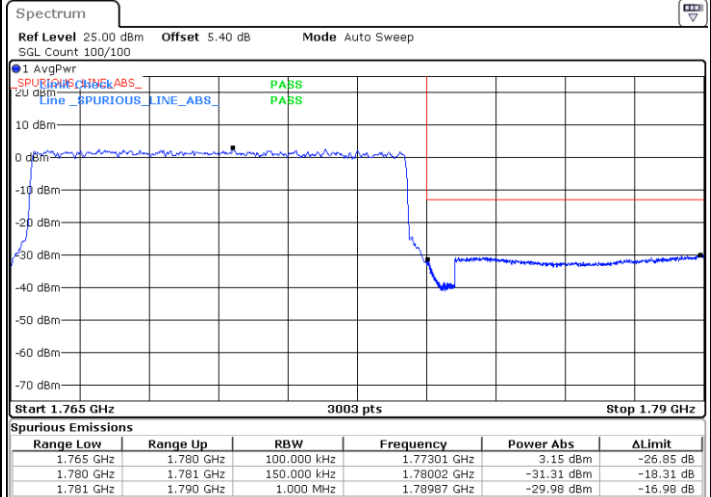
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



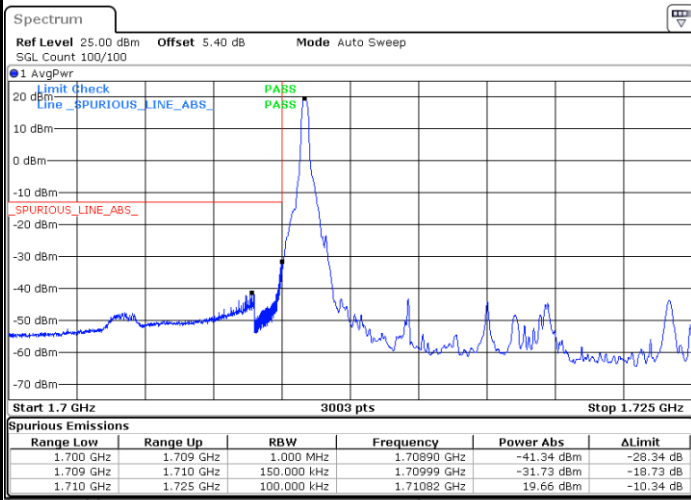
Highest Band Edge / Full RB





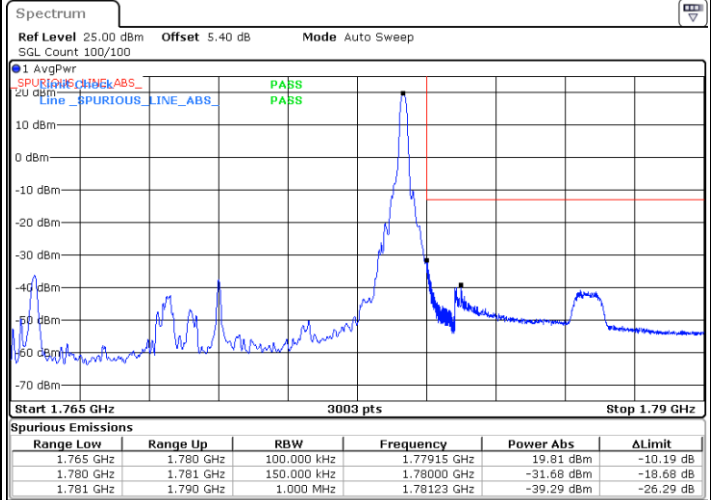
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



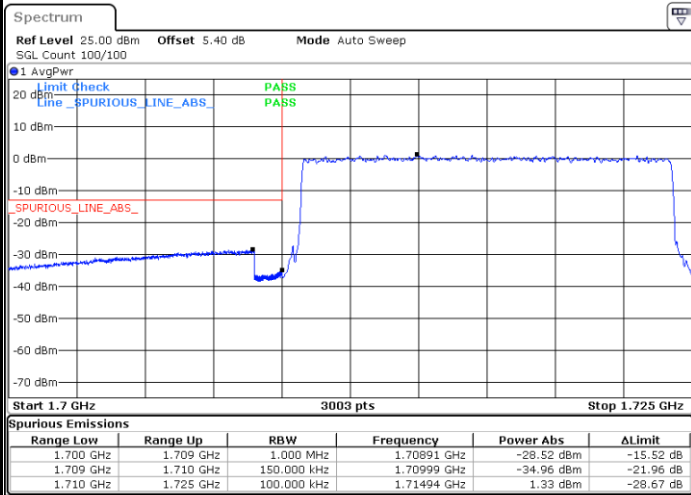
Date: 4.FEB.2023 12:13:43

Highest Band Edge / 1 RB



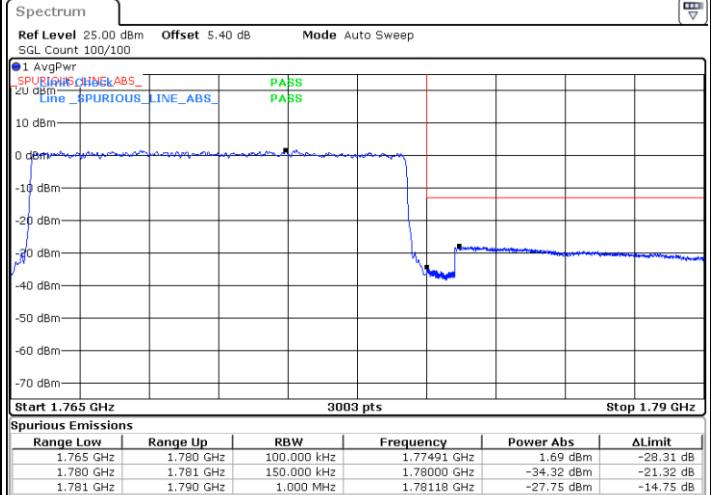
Date: 4.FEB.2023 12:19:42

Lowest Band Edge / Full RB



Date: 4.FEB.2023 12:14:33

Highest Band Edge / Full RB

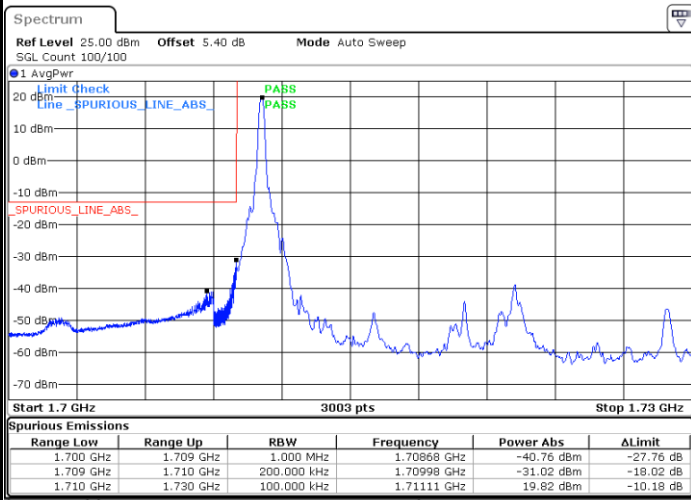


Date: 4.FEB.2023 12:20:32



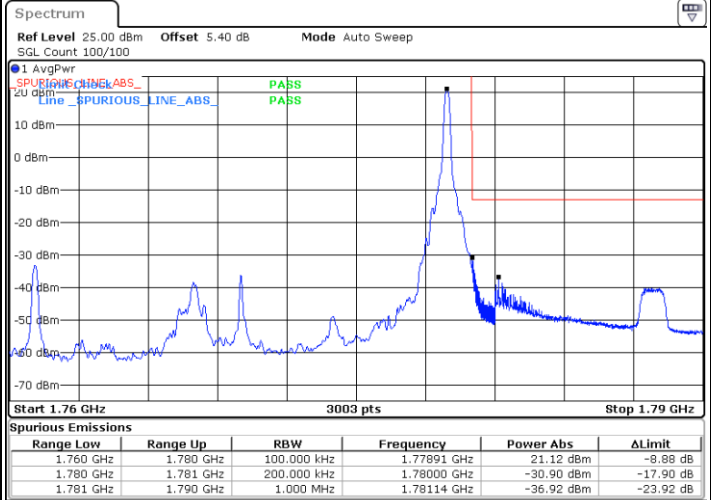
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



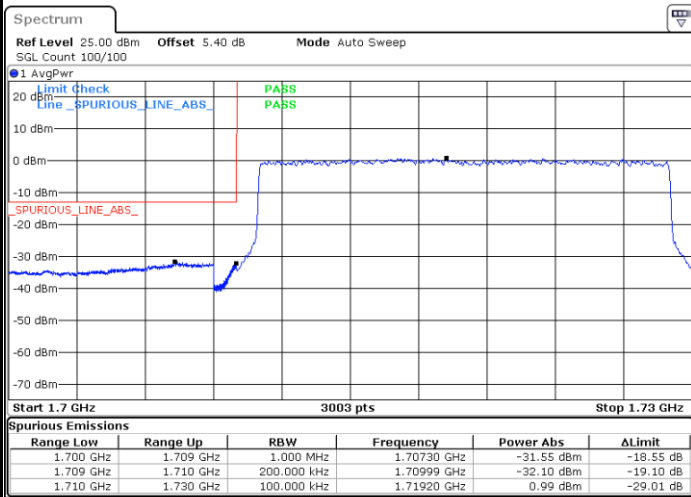
Date: 4.FEB.2023 12:23:33

Highest Band Edge / 1 RB



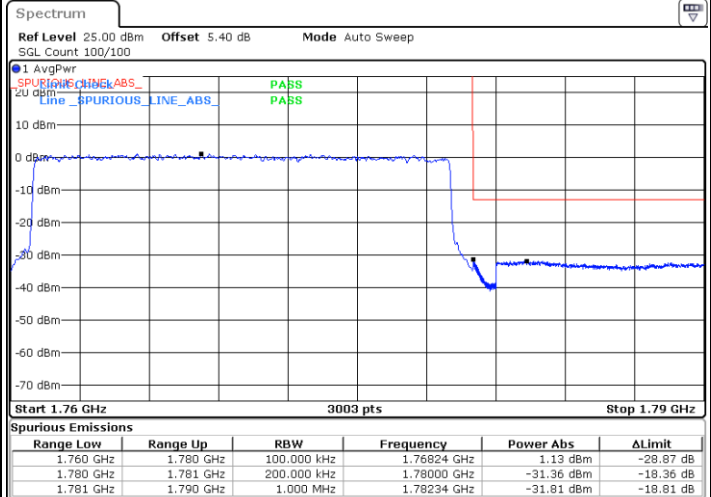
Date: 4.FEB.2023 12:29:33

Lowest Band Edge / Full RB



Date: 4.FEB.2023 12:26:03

Highest Band Edge / Full RB

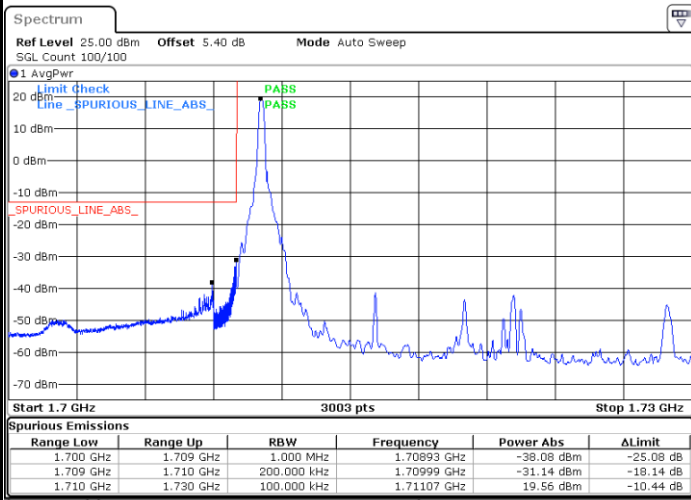


Date: 4.FEB.2023 12:32:02



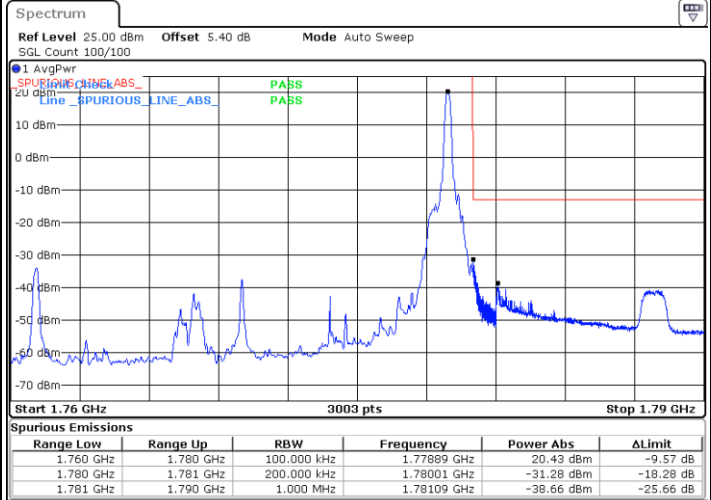
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



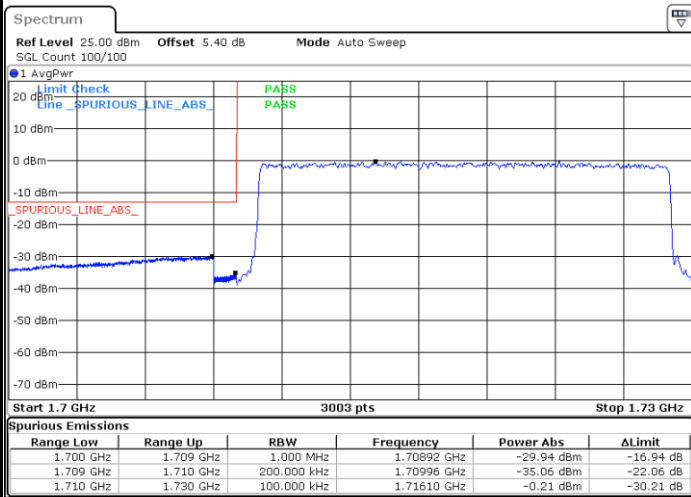
Date: 4.FEB.2023 12:24:23

Highest Band Edge / 1 RB



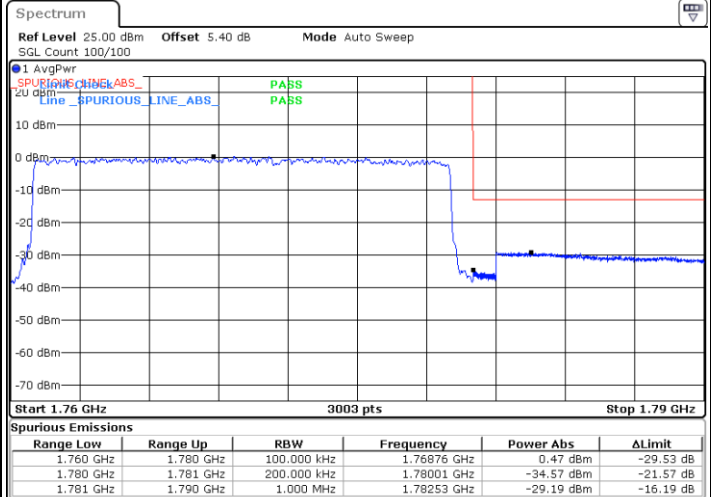
Date: 4.FEB.2023 12:30:23

Lowest Band Edge / Full RB



Date: 4.FEB.2023 12:25:13

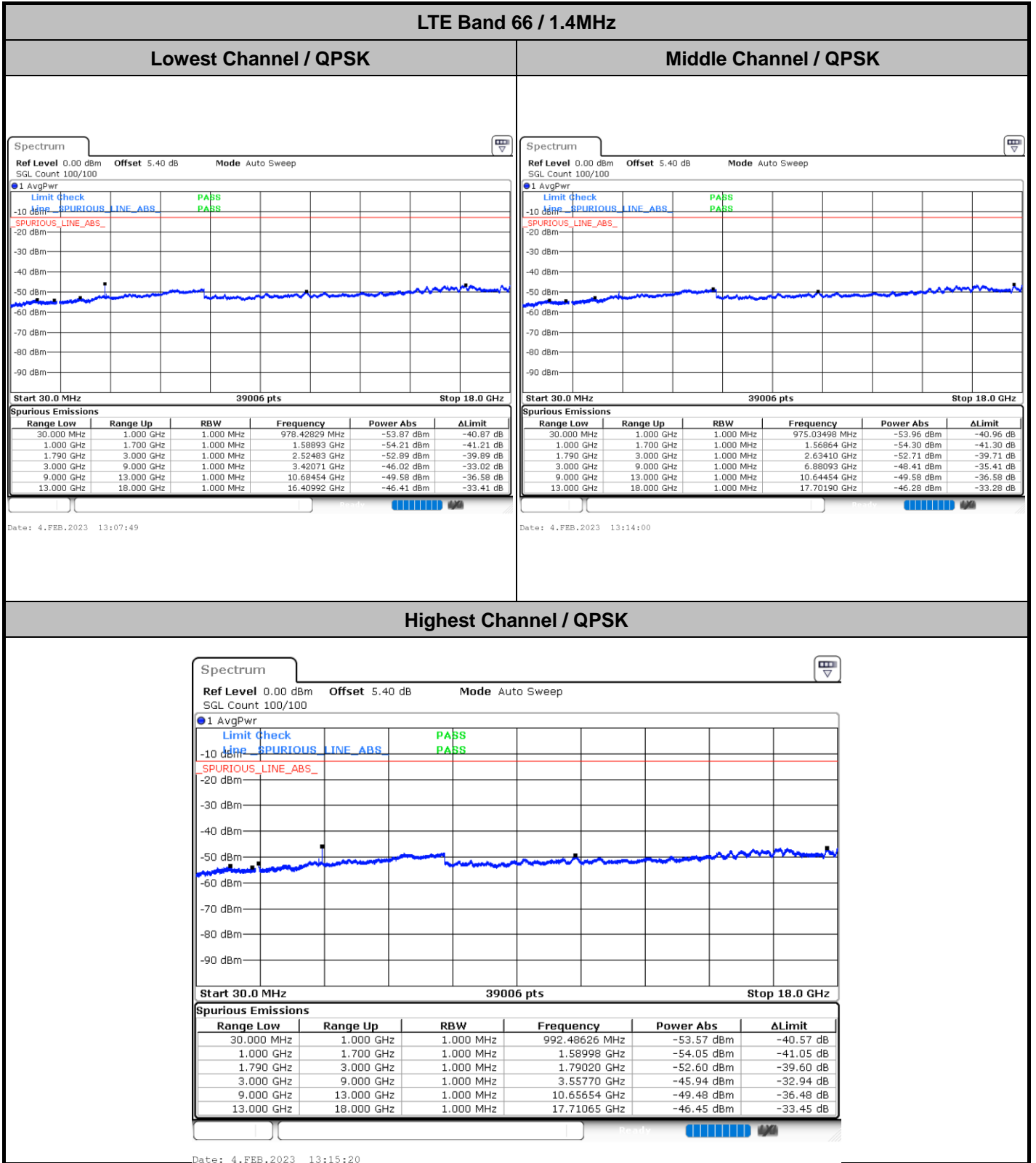
Highest Band Edge / Full RB



Date: 4.FEB.2023 12:31:13



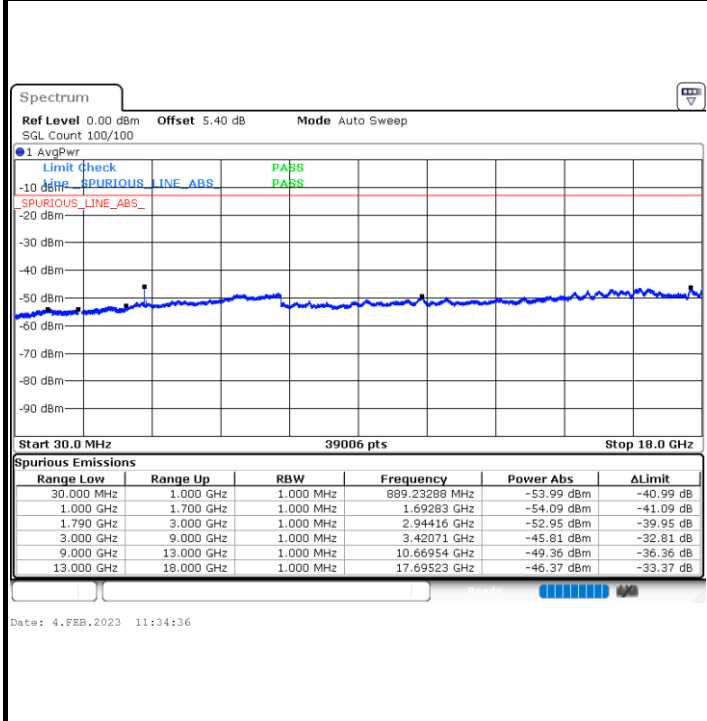
# Conducted Spurious Emission



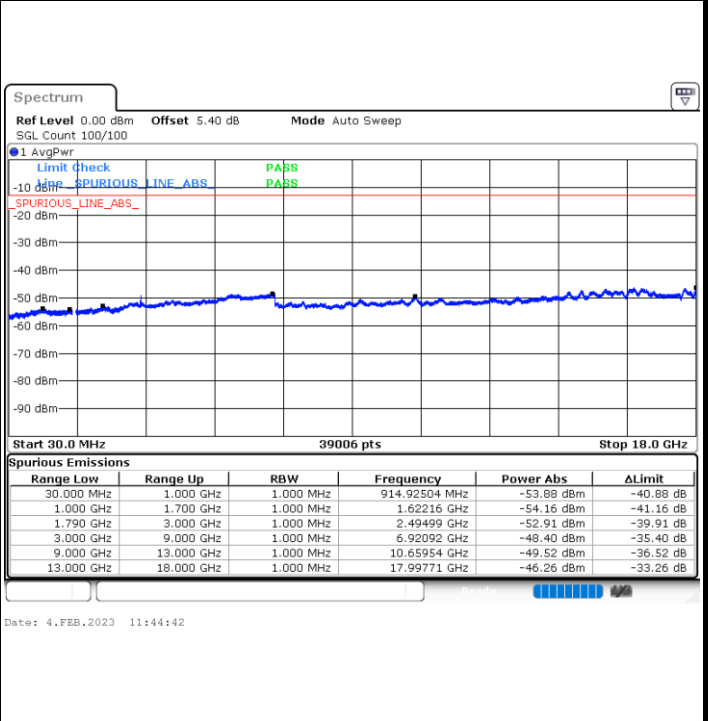


**LTE Band 66 / 3MHz**

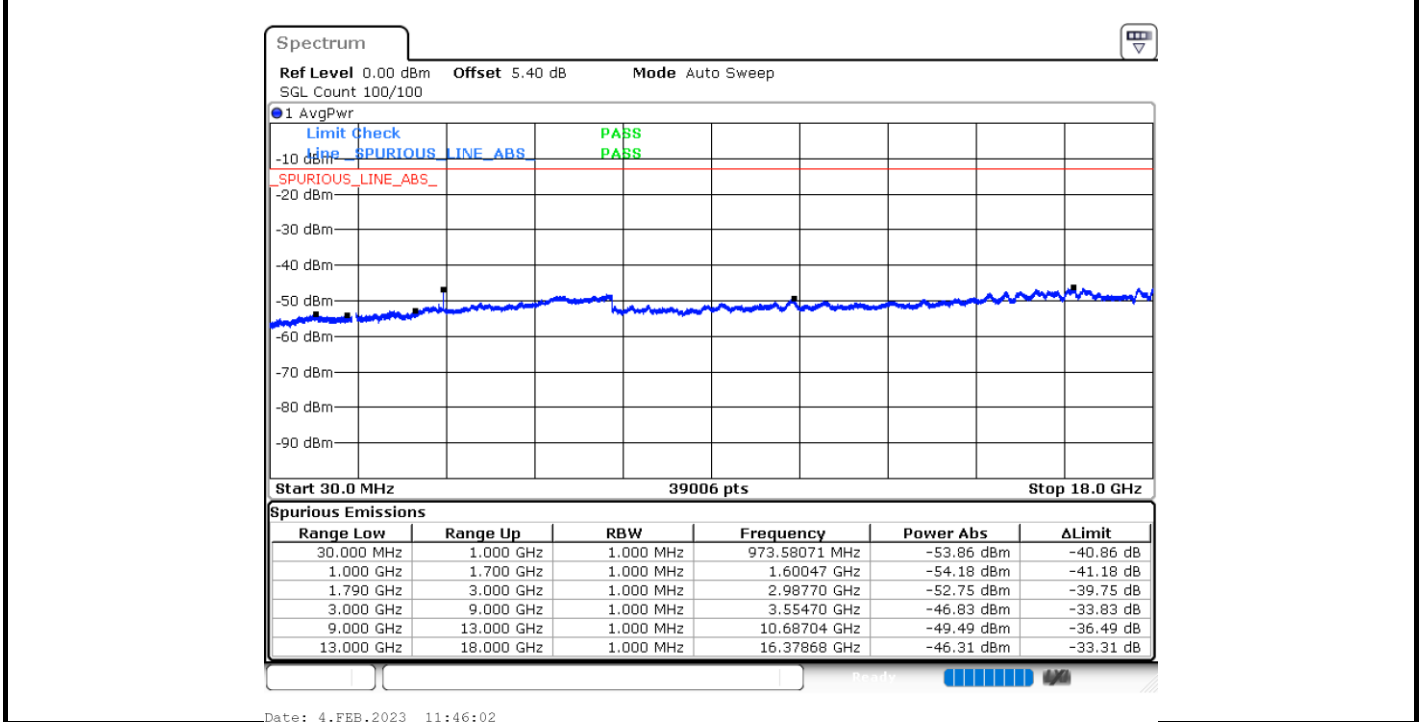
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



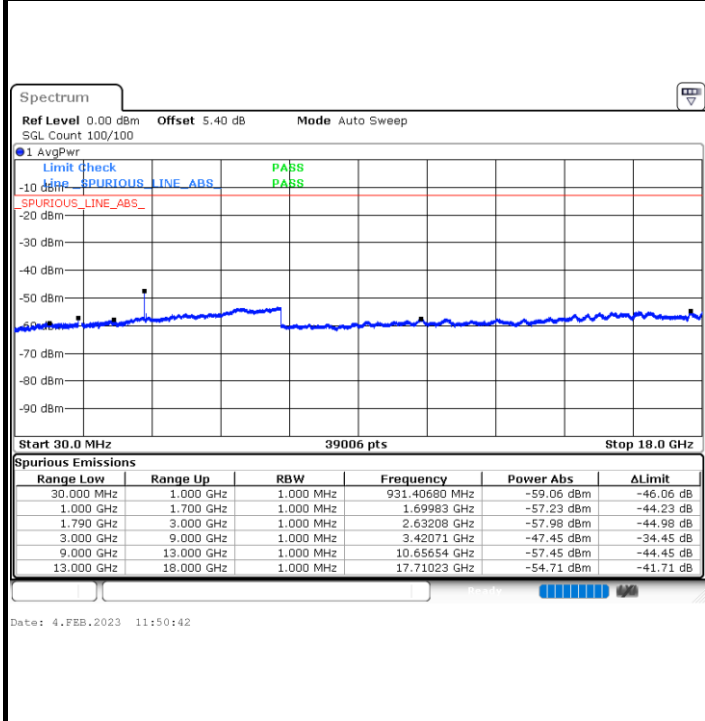
**Highest Channel / QPSK**



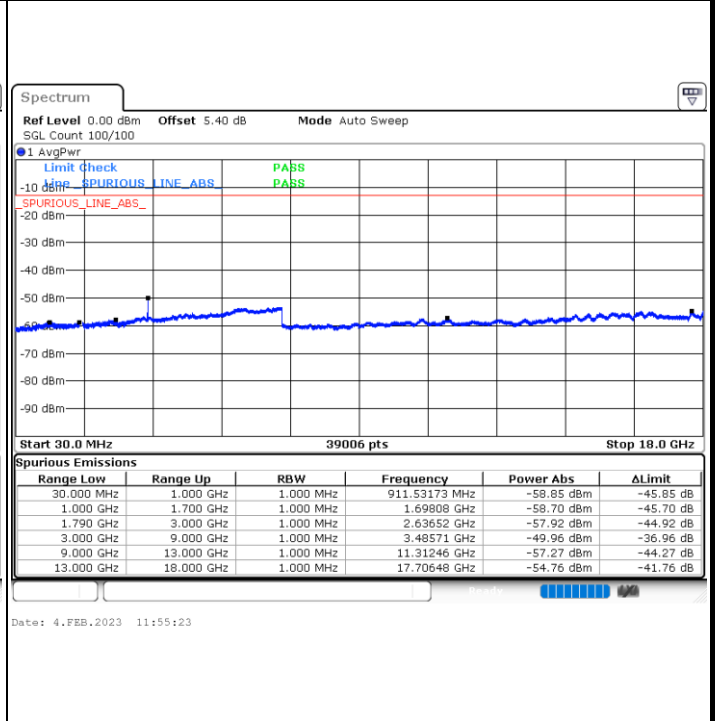


**LTE Band 66 / 5MHz**

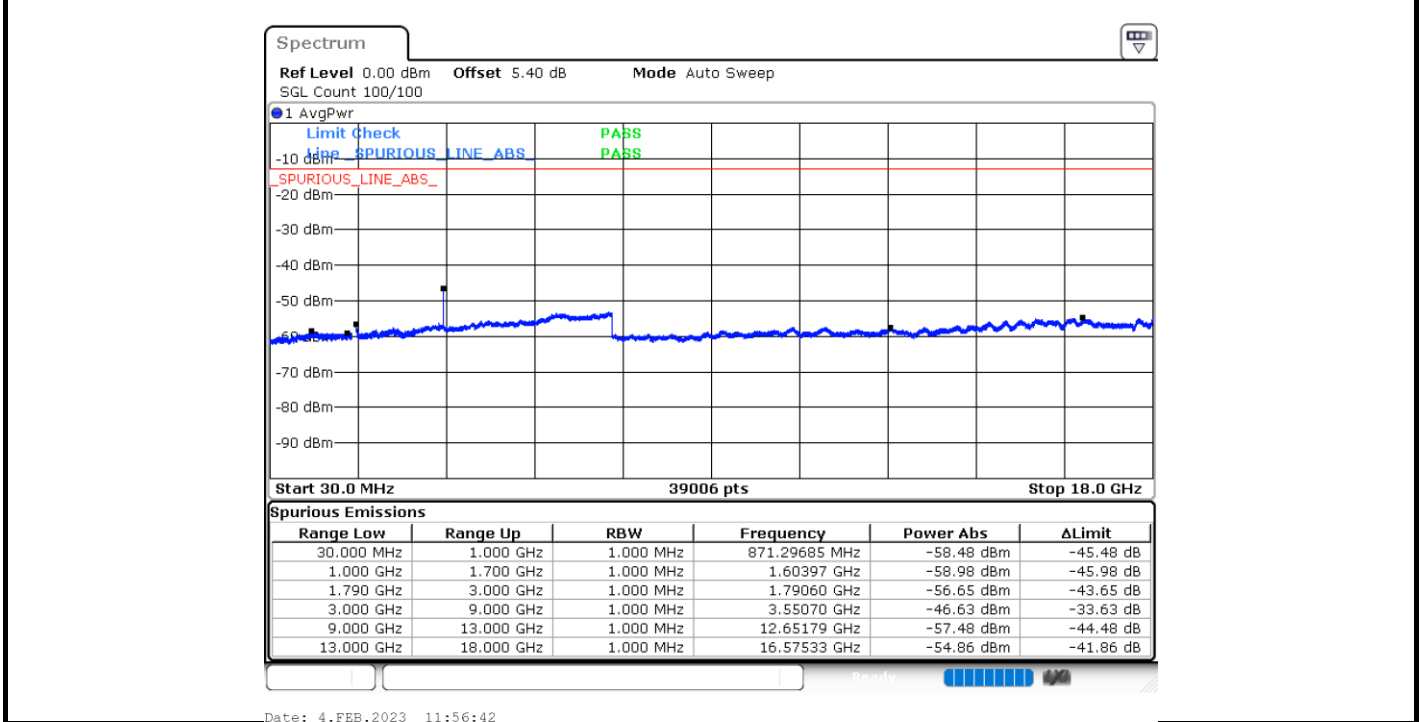
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

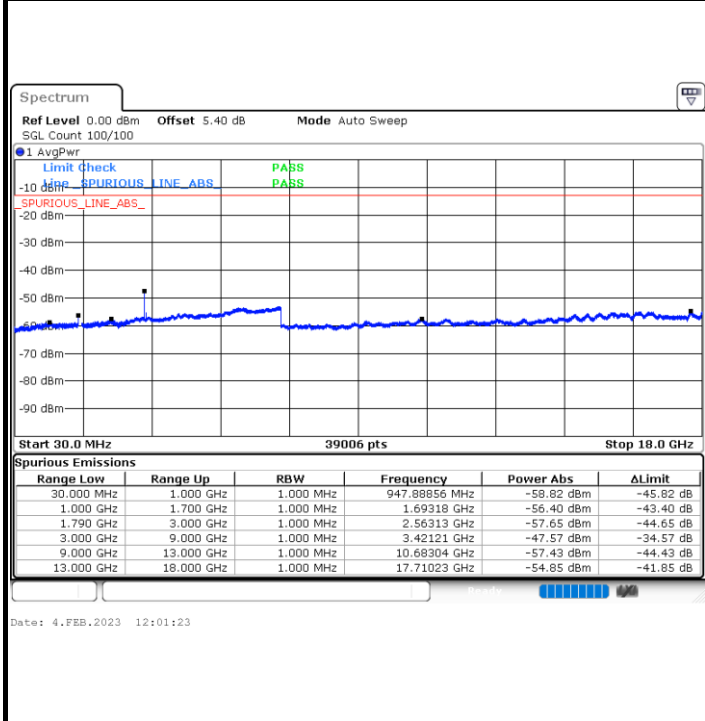




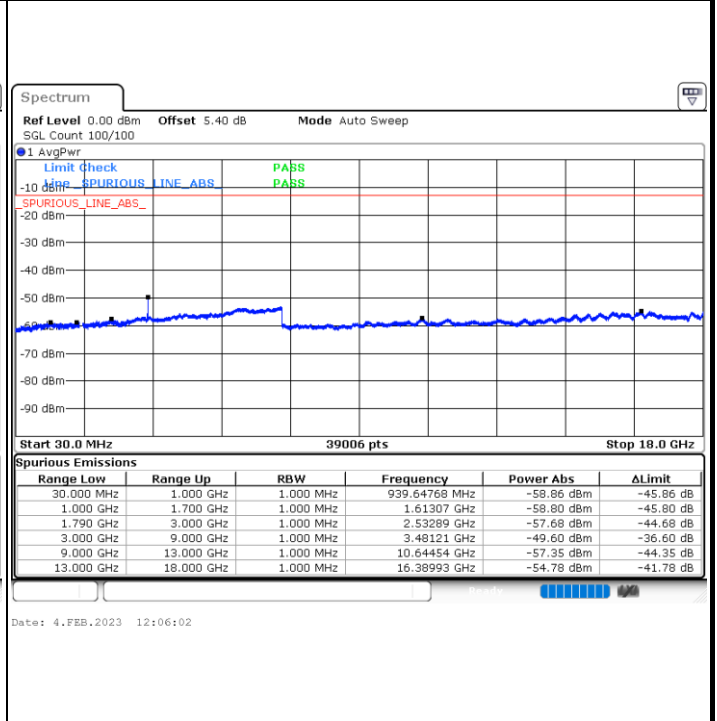


**LTE Band 66 / 10MHz**

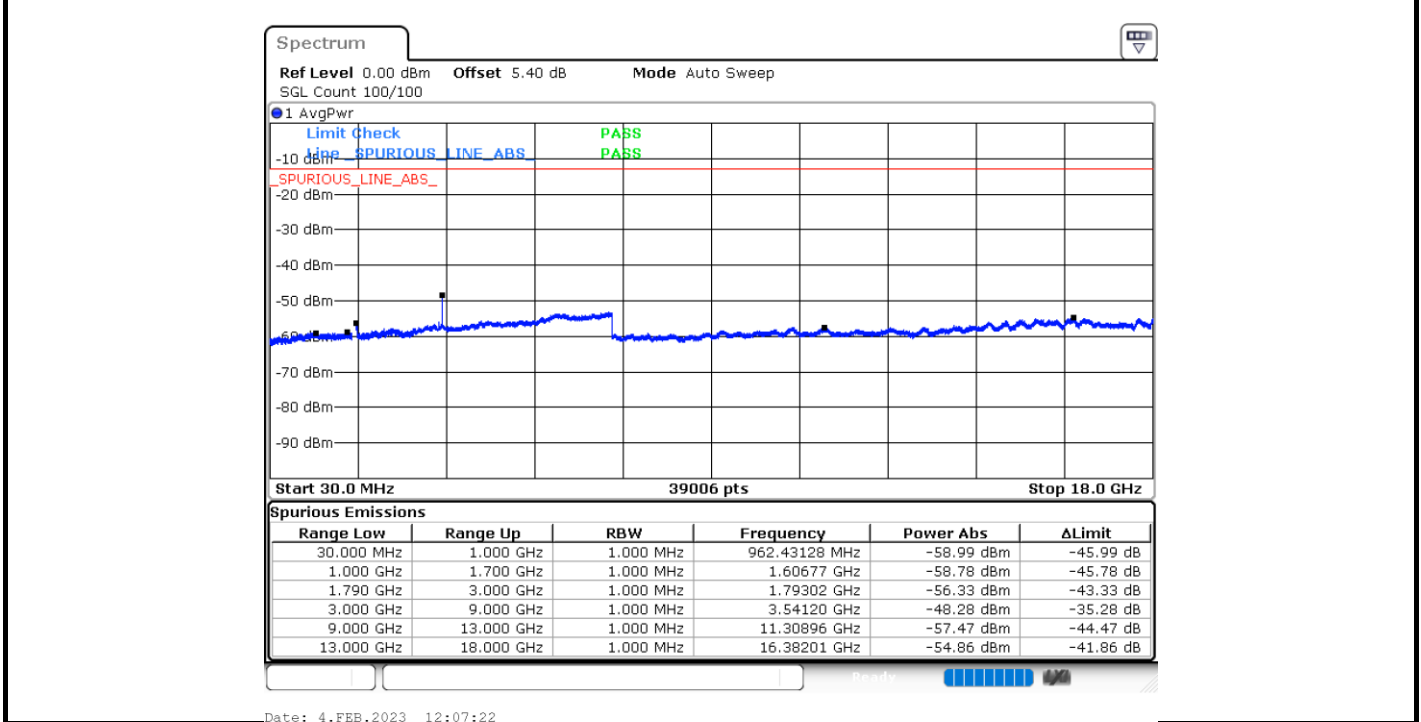
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

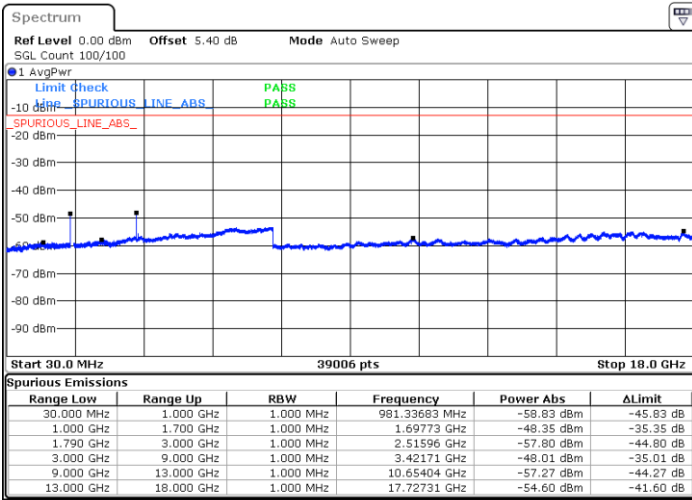




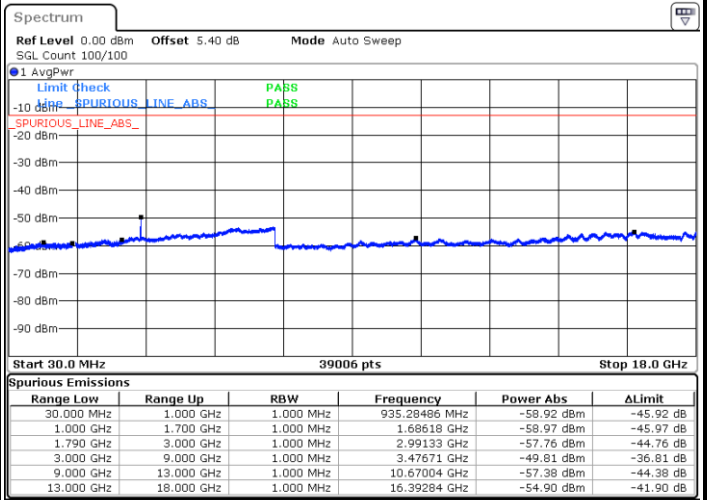
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

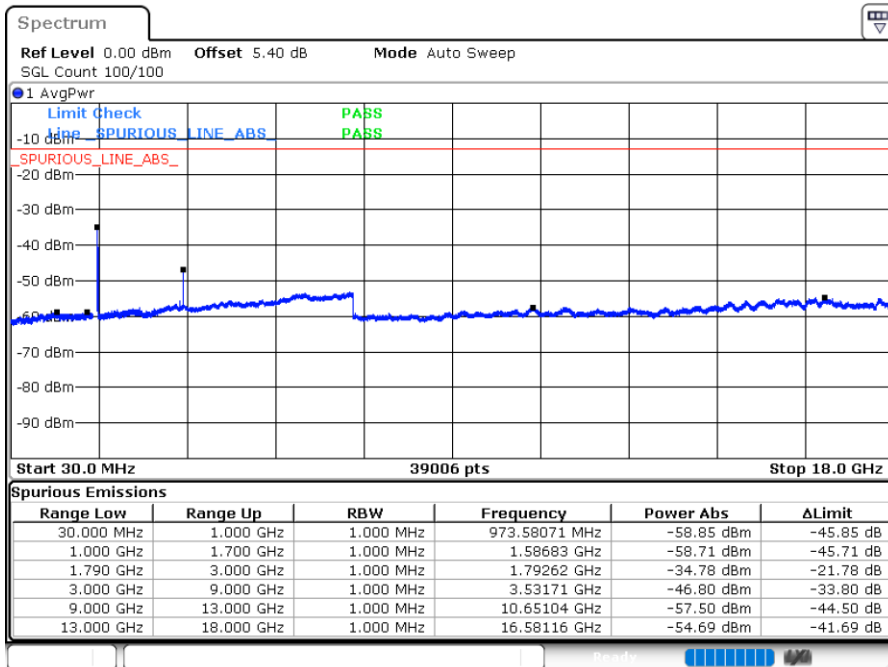


Date: 4.FEB.2023 12:12:03



Date: 4.FEB.2023 12:16:43

Highest Channel / QPSK



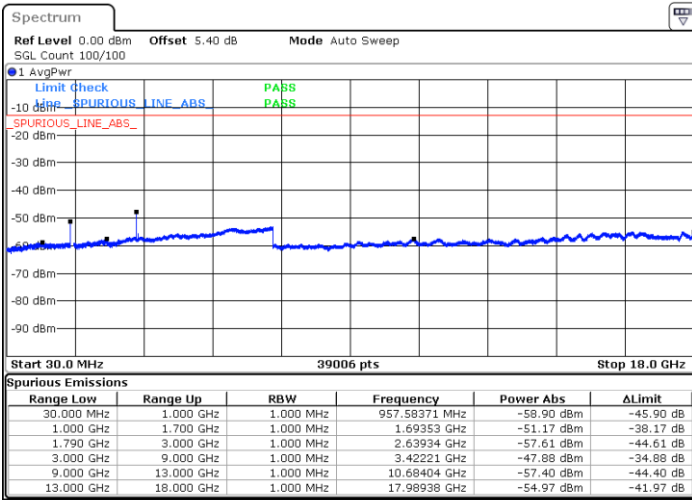
Date: 4.FEB.2023 12:18:03



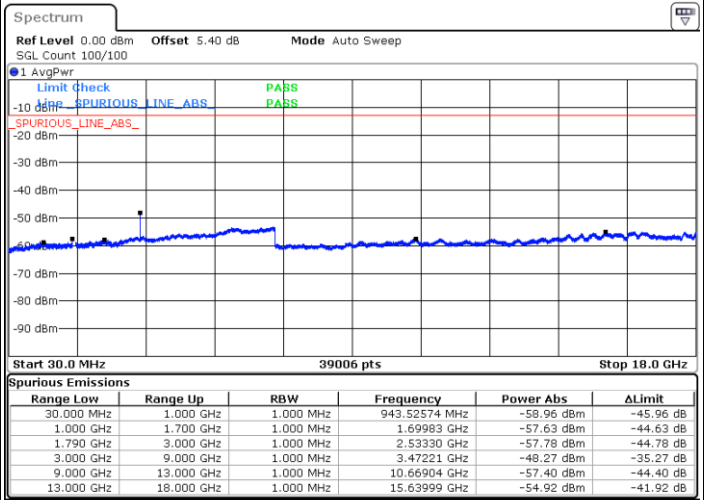
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

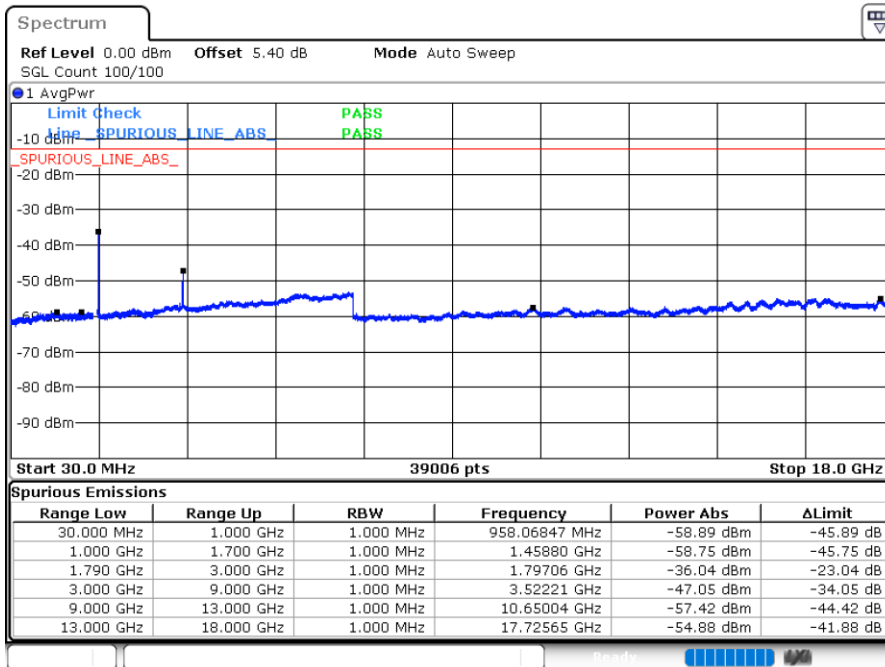


Date: 4.FEB.2023 12:22:43



Date: 4.FEB.2023 12:27:23

Highest Channel / QPSK



Date: 4.FEB.2023 12:28:42



### 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	0.0019	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0003	
20	Minimum Voltage	0.0015	

**Note:**

1. Normal Voltage =3.8 V. ; Minimum Voltage =3.55 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	40~42%

LTE Band 25 / 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)
Lowest	3705	-59.29	-13	-46.29	-71.55	2.64	14.90	H
	5553.27	-56.94	-13	-43.94	-68.80	2.94	14.80	H
	7404.36	-54.00	-13	-41.00	-63.77	3.39	13.16	H
	3705	-59.07	-13	-46.07	-71.33	2.64	14.90	V
	5553.27	-55.45	-13	-42.45	-67.31	2.94	14.80	V
	7404.36	-54.07	-13	-41.07	-63.84	3.39	13.16	V
Middle	3735	-59.16	-13	-46.16	-71.42	2.64	14.90	H
	5613.27	-56.40	-13	-43.40	-68.26	2.94	14.80	H
	7484.36	-53.92	-13	-40.92	-63.69	3.39	13.16	H
	3735	-57.21	-13	-44.21	-69.47	2.64	14.90	V
	5613.27	-55.75	-13	-42.75	-67.61	2.94	14.80	V
	7484.36	-54.00	-13	-41.00	-63.77	3.39	13.16	V
Highest	3795	-59.00	-13	-46.00	-71.26	2.64	14.90	H
	5688.27	-56.75	-13	-43.75	-68.61	2.94	14.80	H
	7584.36	-53.67	-13	-40.67	-63.44	3.39	13.16	H
	3795	-58.77	-13	-45.77	-71.03	2.64	14.90	V
	5688.27	-55.53	-13	-42.53	-67.39	2.94	14.80	V
	7584.36	-53.63	-13	-40.63	-63.40	3.39	13.16	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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-66.39	-13	-53.39	-73.36	1.58	10.70	H
	2474.52	-62.51	-13	-49.51	-70.76	2.102	12.50	H
	3299.36	-61.89	-13	-48.89	-70.78	2.856	13.90	H
	1649.68	-65.38	-13	-52.38	-72.35	1.58	10.70	V
	2474.52	-60.53	-13	-47.53	-68.78	2.10	12.50	V
	3296	-61.88	-13	-48.88	-70.77	2.86	13.90	V
Middle	1656	-66.34	-13	-53.34	-73.31	1.58	10.70	H
	2489.52	-62.13	-13	-49.13	-70.38	2.102	12.50	H
	3319.36	-62.36	-13	-49.36	-71.25	2.856	13.90	H
	1659.68	-65.36	-13	-52.36	-72.33	1.58	10.70	V
	2489.52	-60.31	-13	-47.31	-68.56	2.10	12.50	V
	3320	-62.10	-13	-49.10	-70.99	2.86	13.90	V
Highest	1672	-66.07	-13	-53.07	-73.04	1.58	10.70	H
	2504.52	-61.84	-13	-48.84	-70.09	2.102	12.50	H
	3339.36	-62.53	-13	-49.53	-71.42	2.856	13.90	H
	1672	-64.89	-13	-51.89	-71.86	1.58	10.70	V
	2504.52	-60.87	-13	-47.87	-69.12	2.10	12.50	V
	3339.36	-62.36	-13	-49.36	-71.25	2.86	13.90	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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-58.07	-13	-45.07	-68.81	2.604	13.34	H
	5133.27	-56.75	-13	-43.75	-67.26	3.011	13.52	H
	6844.36	-55.93	-13	-42.93	-66.13	3.271	13.47	H
	3422.18	-58.31	-13	-45.31	-69.05	2.604	13.34	V
	5133.27	-55.97	-13	-42.97	-66.48	3.011	13.52	V
	6840	-56.02	-13	-43.02	-66.22	3.271	13.47	V
Middle	3472.18	-59.04	-13	-46.04	-69.78	2.604	13.34	H
	5208.27	-57.18	-13	-44.18	-67.69	3.011	13.52	H
	6945	-55.79	-13	-42.79	-65.99	3.271	13.47	H
	3465	-59.08	-13	-46.08	-69.82	2.604	13.34	V
	5208.27	-57.08	-13	-44.08	-67.59	3.011	13.52	V
	6944.36	-55.73	-13	-42.73	-65.93	3.271	13.47	V
Highest	3525	-59.29	-13	-46.29	-70.03	2.604	13.34	H
	5283.27	-57.68	-13	-44.68	-68.19	3.011	13.52	H
	7044.36	-55.22	-13	-42.22	-65.42	3.271	13.47	H
	3522.18	-59.37	-13	-46.37	-70.11	2.604	13.34	V
	5283.27	-56.50	-13	-43.50	-67.01	3.011	13.52	V
	7050	-55.24	-13	-42.24	-65.44	3.271	13.47	V

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