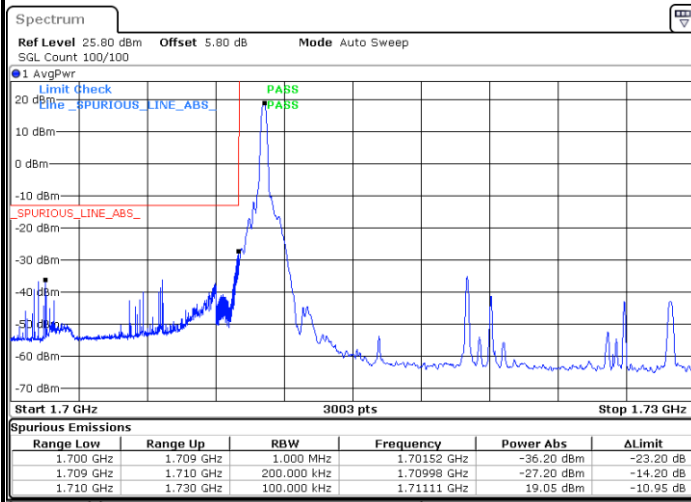


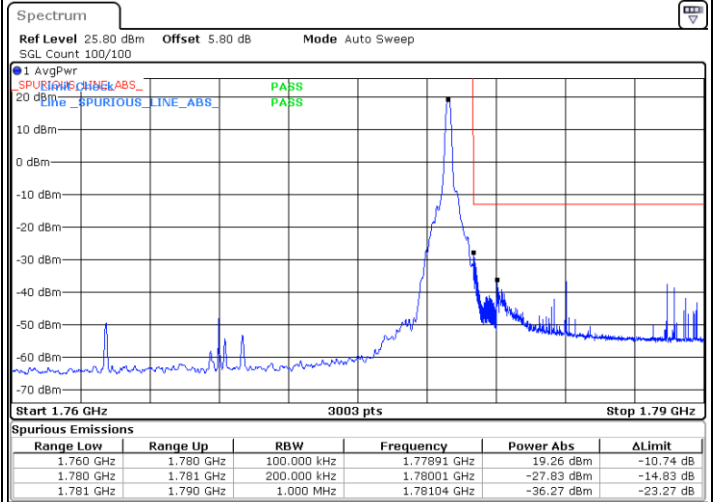


LTE Band 66 / 20MHz / 16QAM

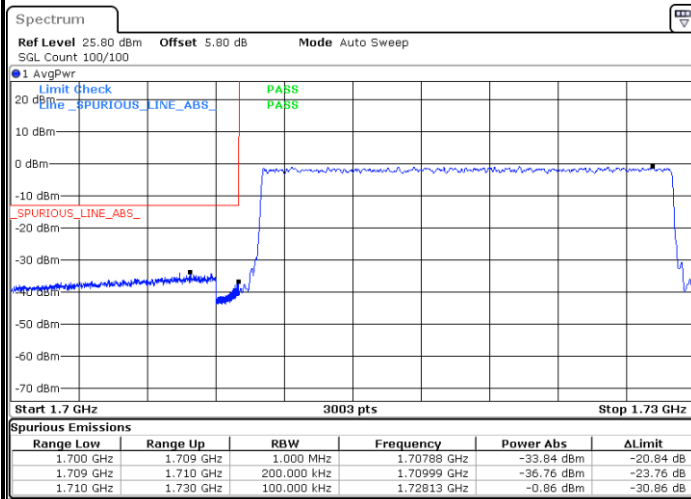
Lowest Band Edge / 1 RB



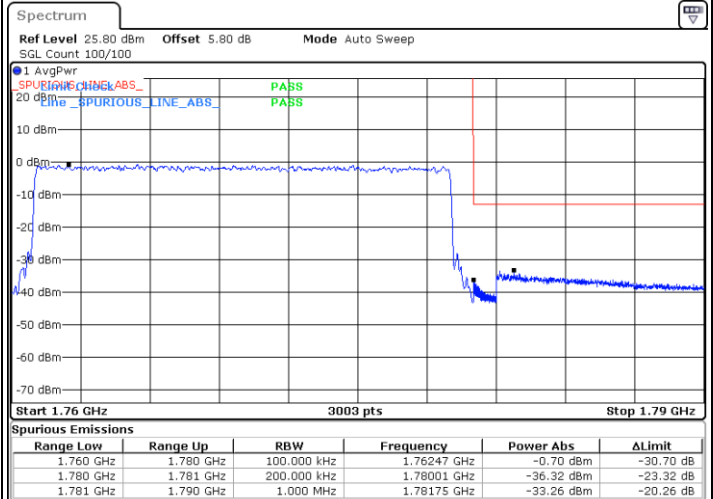
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



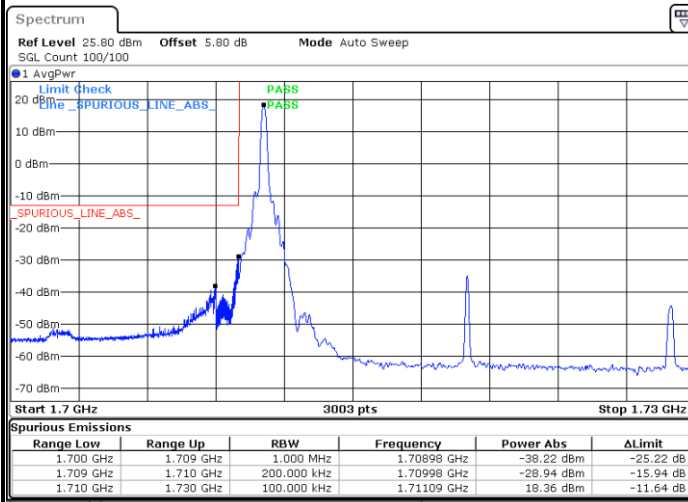
Highest Band Edge / Full RB



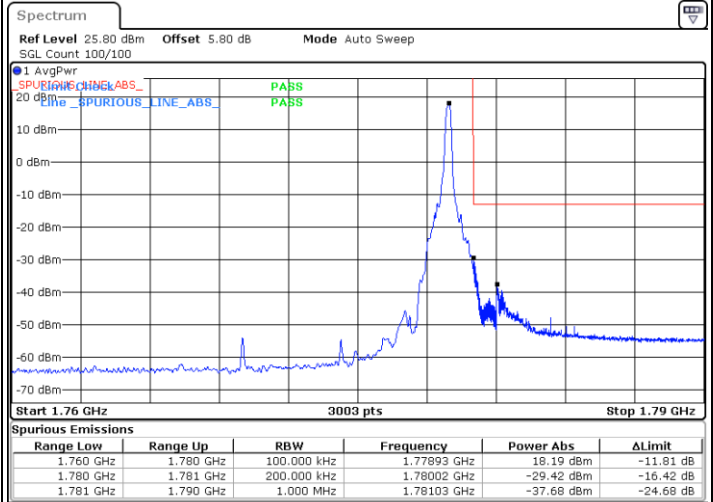


LTE Band 66 / 20MHz / 64QAM

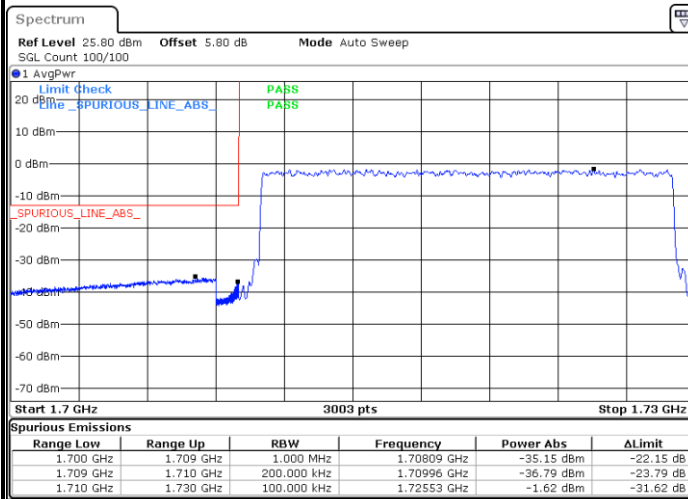
Lowest Band Edge / 1 RB



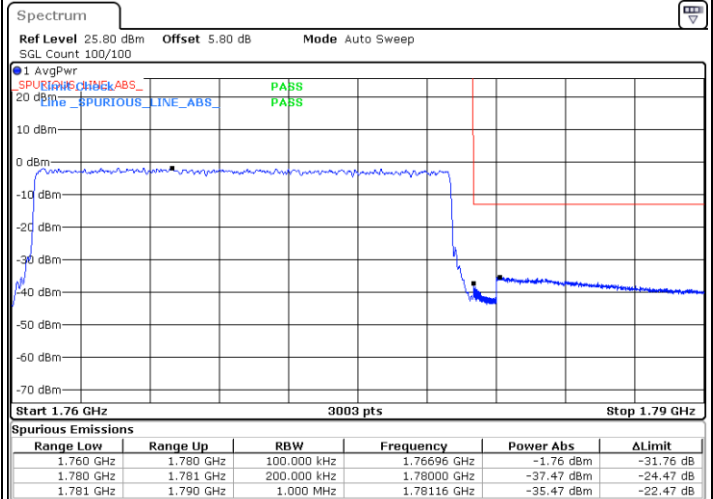
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



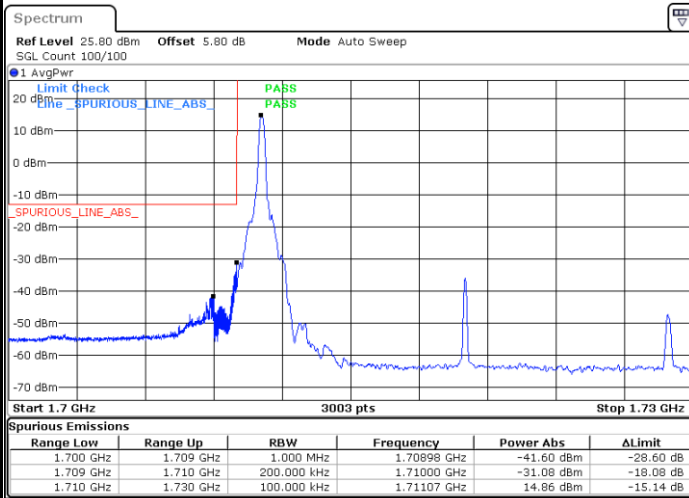
Highest Band Edge / Full RB



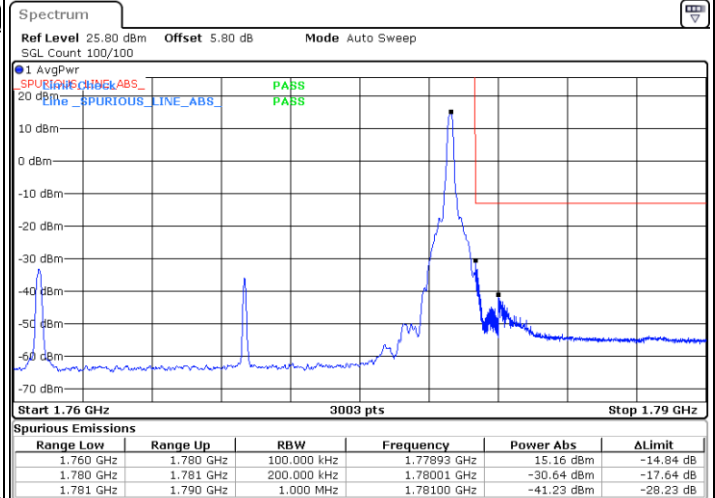


LTE Band 66 / 20MHz / 256QAM

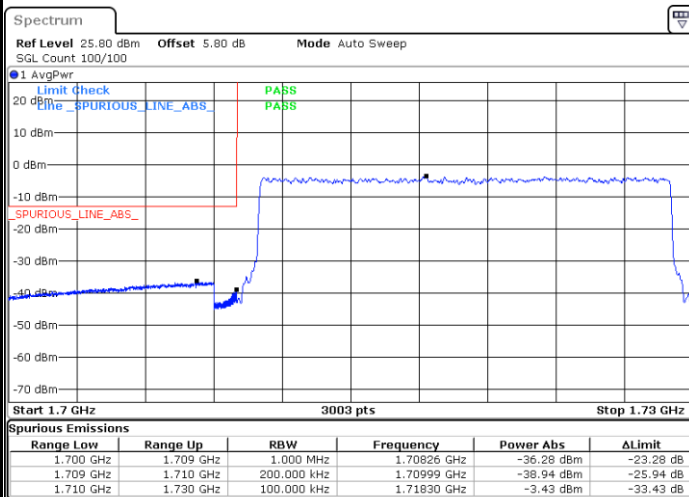
Lowest Band Edge / 1 RB



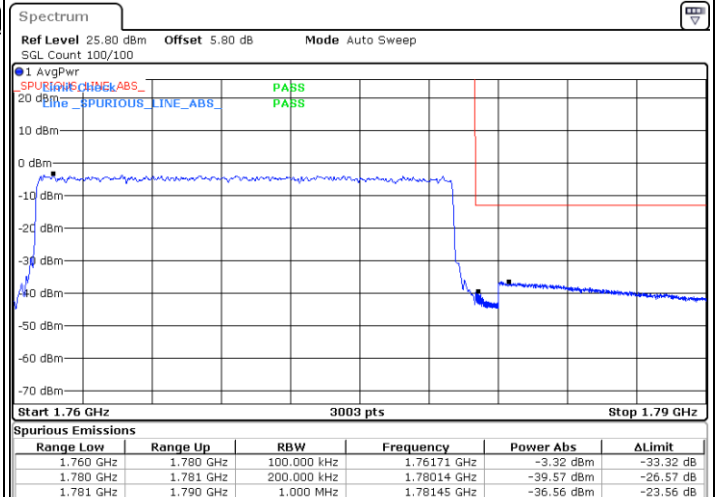
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

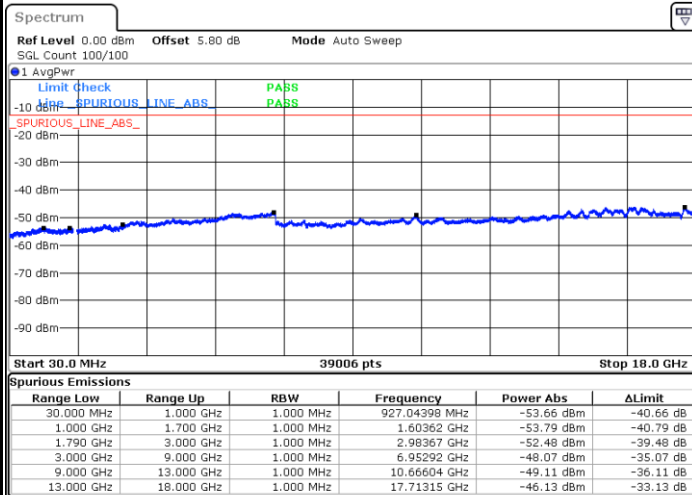




Conducted Spurious Emission

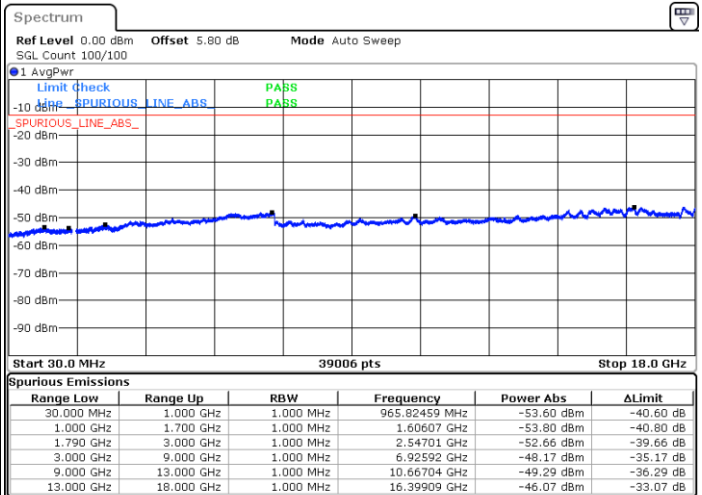
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



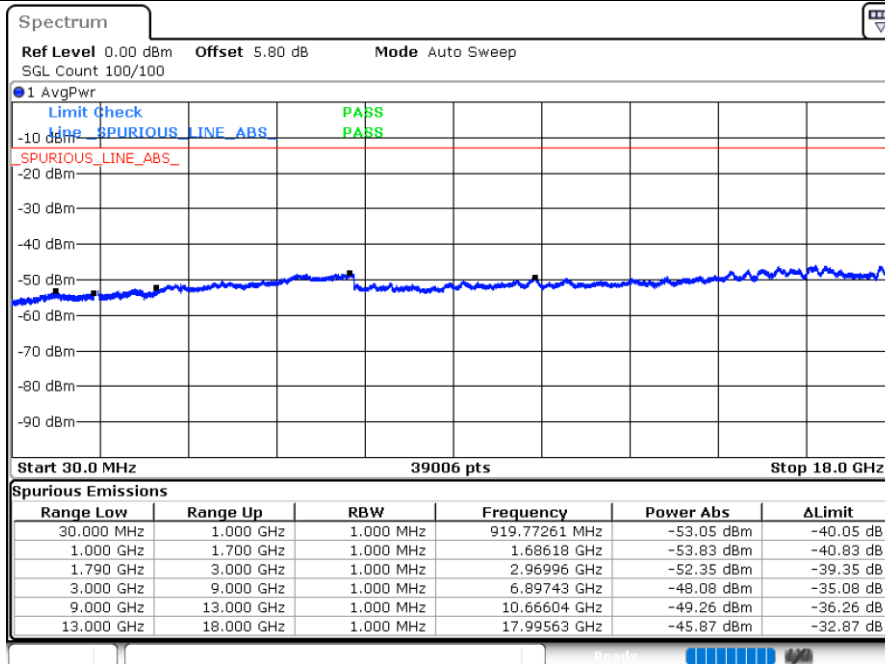
Date: 22.DEC.2023 22:22:23

Middle Channel / QPSK



Date: 22.DEC.2023 22:39:15

Highest Channel / QPSK

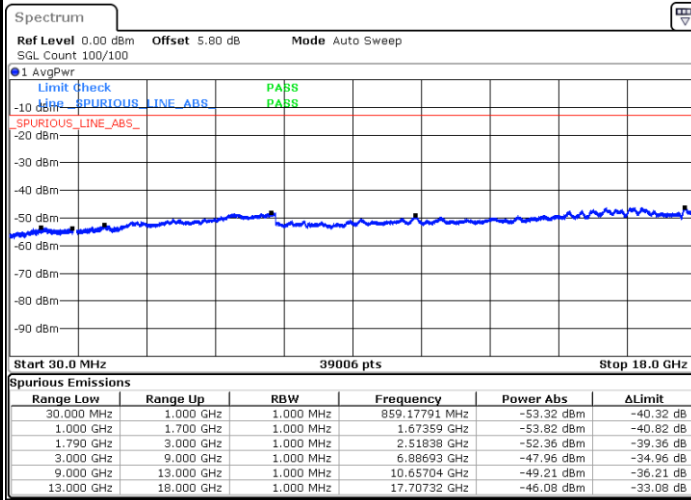


Date: 22.DEC.2023 22:40:30



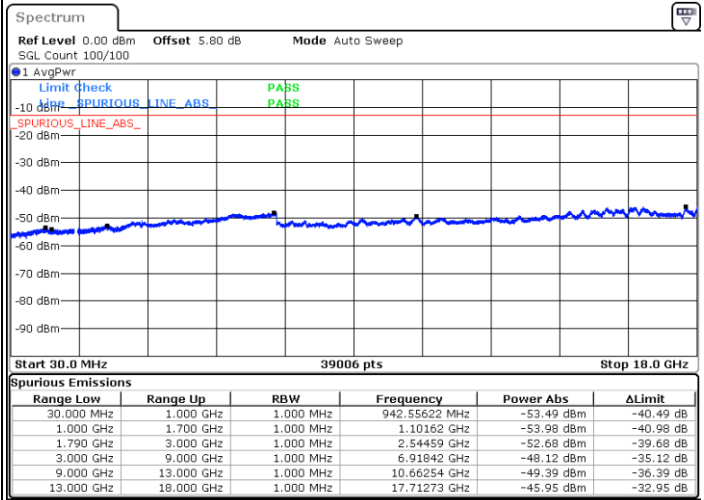
LTE Band 66 / 3MHz

Lowest Channel / QPSK



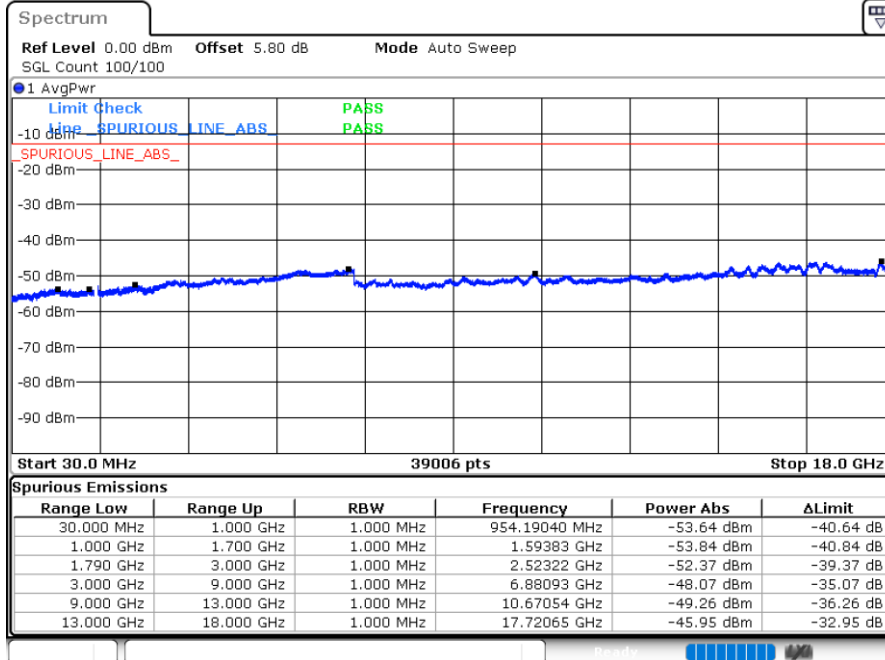
Date: 22.DEC.2023 22:52:25

Middle Channel / QPSK



Date: 22.DEC.2023 23:01:39

Highest Channel / QPSK

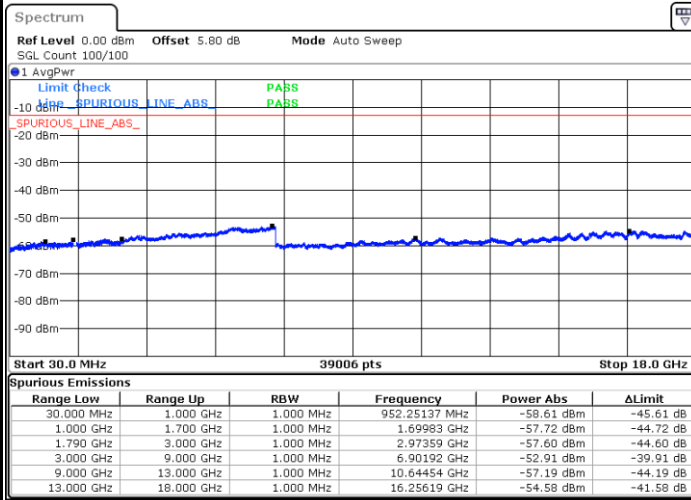


Date: 22.DEC.2023 23:02:49



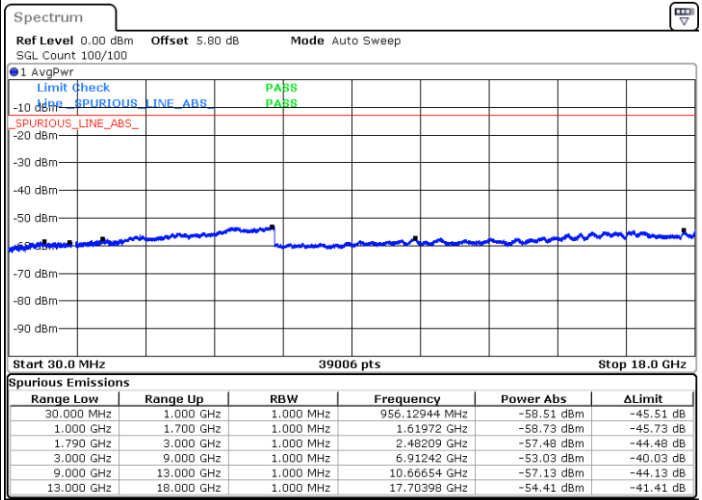
LTE Band 66 / 5MHz

Lowest Channel / QPSK



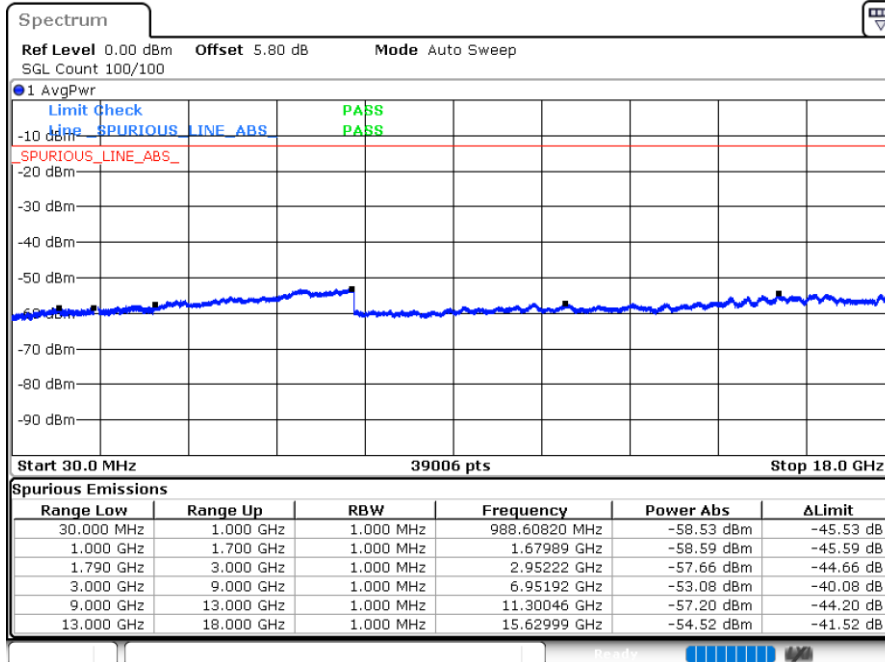
Date: 22.DEC.2023 23:12:41

Middle Channel / QPSK



Date: 22.DEC.2023 23:19:17

Highest Channel / QPSK

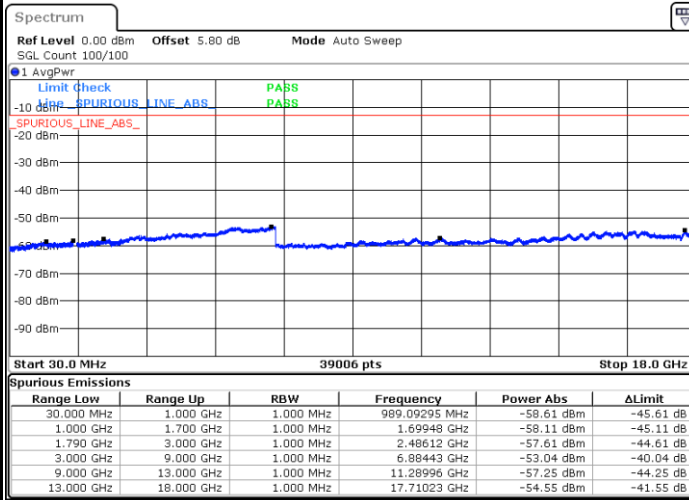


Date: 22.DEC.2023 23:20:27



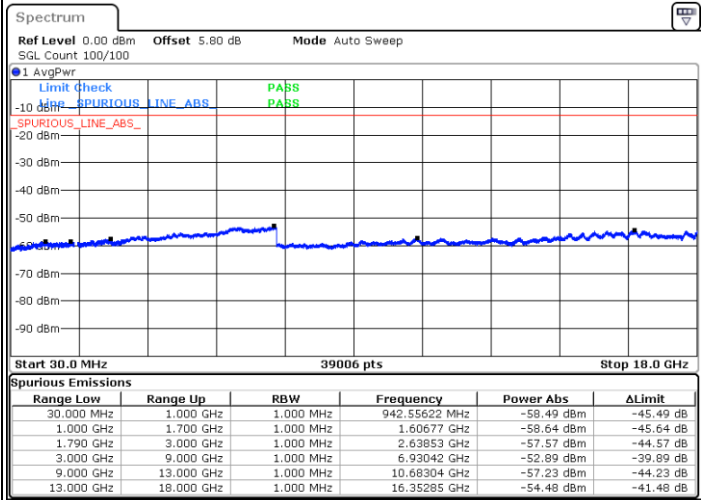
LTE Band 66 / 10MHz

Lowest Channel / QPSK



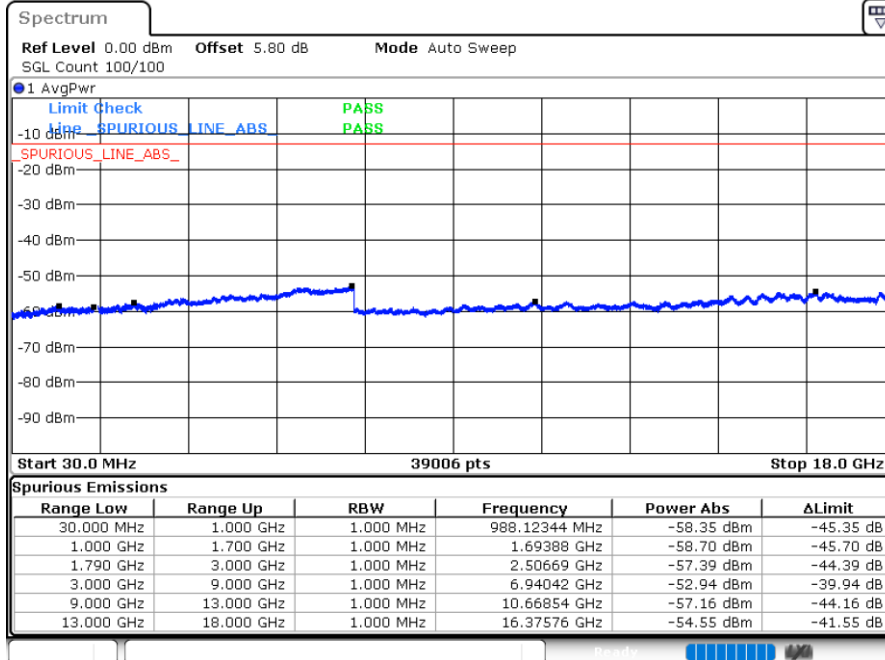
Date: 22.DEC.2023 23:27:31

Middle Channel / QPSK



Date: 22.DEC.2023 23:33:15

Highest Channel / QPSK

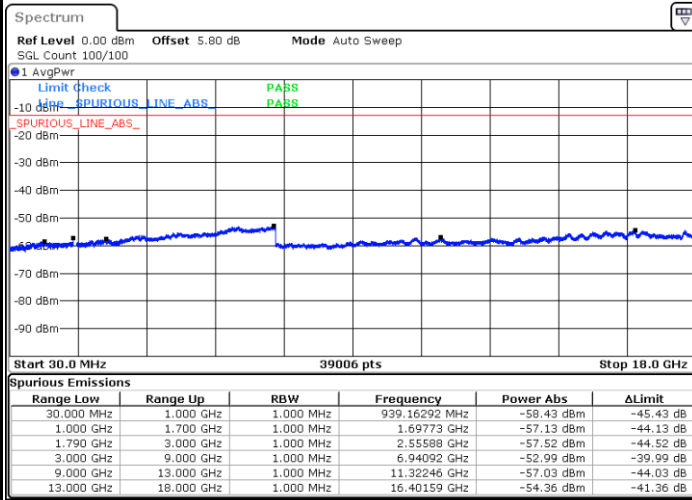


Date: 22.DEC.2023 23:34:15



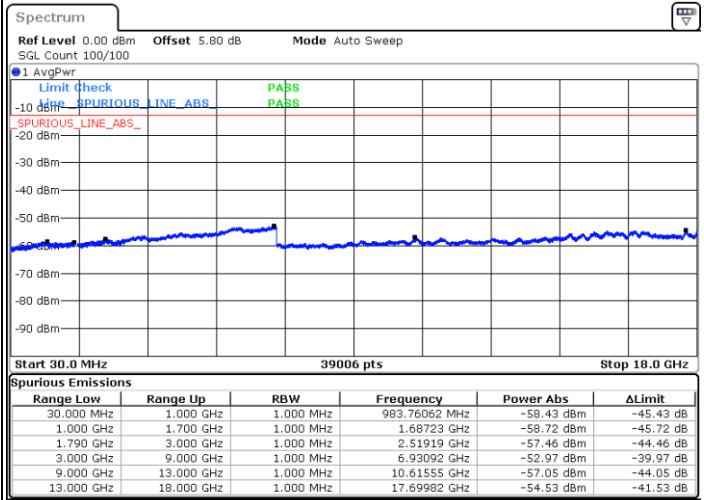
LTE Band 66 / 15MHz

Lowest Channel / QPSK



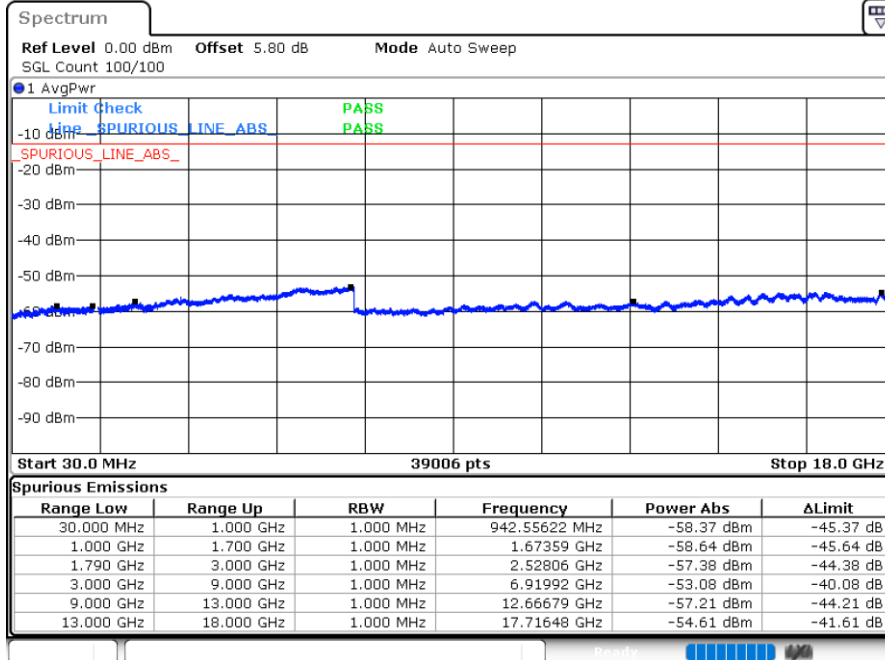
Date: 22.DEC.2023 23:40:20

Middle Channel / QPSK



Date: 22.DEC.2023 23:46:04

Highest Channel / QPSK

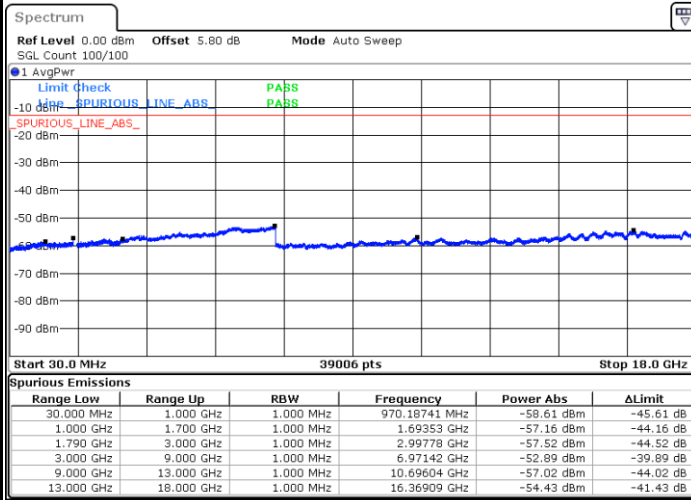


Date: 22.DEC.2023 23:47:05



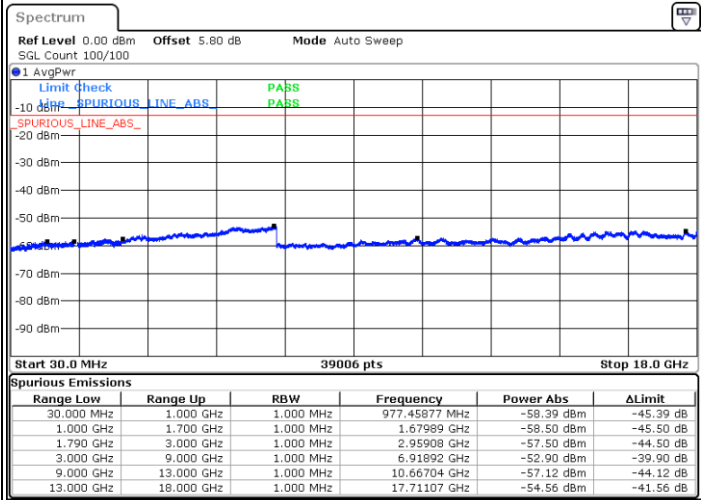
LTE Band 66 / 20MHz

Lowest Channel / QPSK



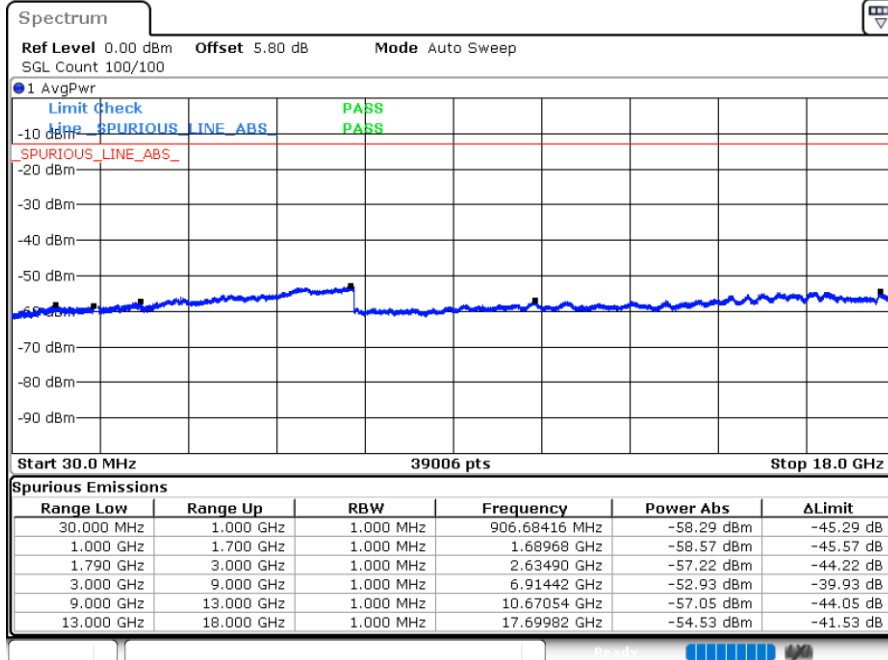
Date: 23.DEC.2023 00:47:33

Middle Channel / QPSK



Date: 23.DEC.2023 00:53:14

Highest Channel / QPSK



Date: 23.DEC.2023 00:54:14

**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	0.0011	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage = 3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

LTE Band 25 / 20MHz / QPSK Ant0								
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	3750	-68.82	-13	-55.82	-81.08	2.64	14.90	H
	5625	-61.59	-13	-48.59	-73.45	2.94	14.80	H
	7500	-59.70	-13	-46.70	-69.47	3.39	13.16	H
	3750	-69.40	-13	-56.40	-81.66	2.64	14.90	V
	5625	-61.98	-13	-48.98	-73.84	2.94	14.80	V
	7500	-59.72	-13	-46.72	-69.49	3.39	13.16	V

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

LTE Band 26 / 15MHz / QPSK Ant0								
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	1656	-65.17	-13	-52.17	-72.14	1.58	10.70	H
	2488	-69.60	-13	-56.60	-77.85	2.102	12.50	H
	3320	-69.98	-13	-56.98	-78.87	2.856	13.90	H
	1656	-67.84	-13	-54.84	-74.81	1.58	10.70	V
	2488	-69.69	-13	-56.69	-77.94	2.10	12.50	V
	3320	-70.35	-13	-57.35	-79.24	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK Ant0								
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	3465	-58.28	-13	-45.28	-69.02	2.604	13.34	H
	5205	-52.94	-13	-39.94	-63.45	3.011	13.52	H
	6945	-52.54	-13	-39.54	-62.74	3.271	13.47	H
	3465	-58.44	-13	-45.44	-69.18	2.604	13.34	V
	5205	-52.70	-13	-39.70	-63.21	3.011	13.52	V
	6945	-52.81	-13	-39.81	-63.01	3.271	13.47	V

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



<Other PA>:

EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / QPSK / ANT5(LTE) & ANT0(NR)								
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	3465	-57.74	-13	-44.74	-68.48	2.604	13.34	H
	5205	-52.85	-13	-39.85	-63.36	3.011	13.52	H
	6945	-52.40	-13	-39.40	-62.60	3.271	13.47	H
	3465	-57.28	-13	-44.28	-68.02	2.604	13.34	V
	5205	-52.40	-13	-39.40	-62.91	3.011	13.52	V
	6945	-51.52	-13	-38.52	-61.72	3.271	13.47	V

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