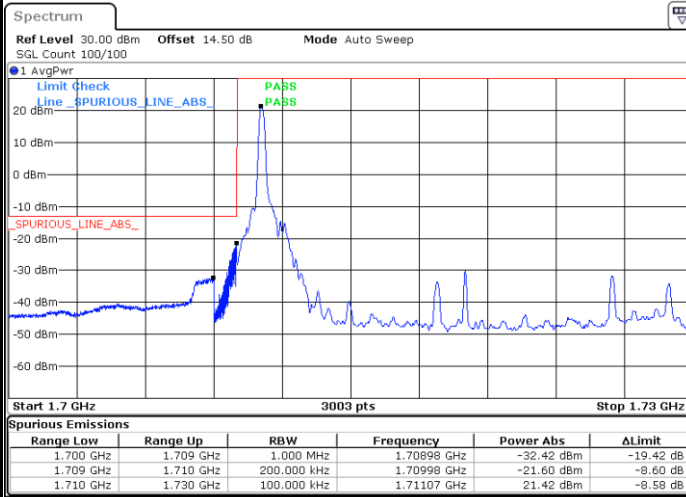


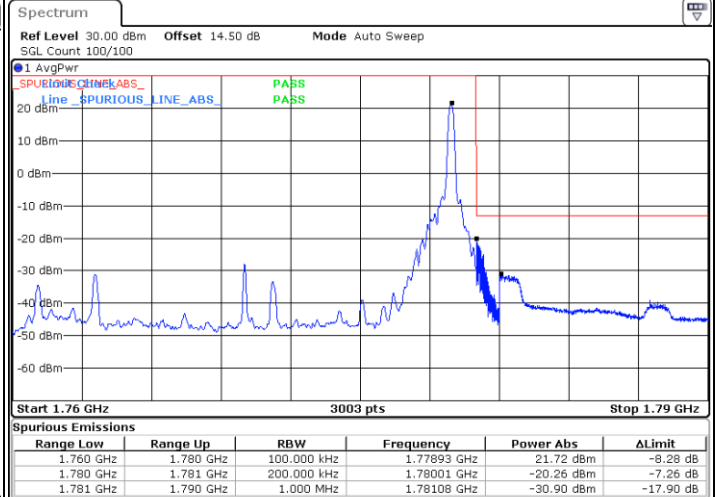


LTE Band 66 / 20MHz / 16QAM

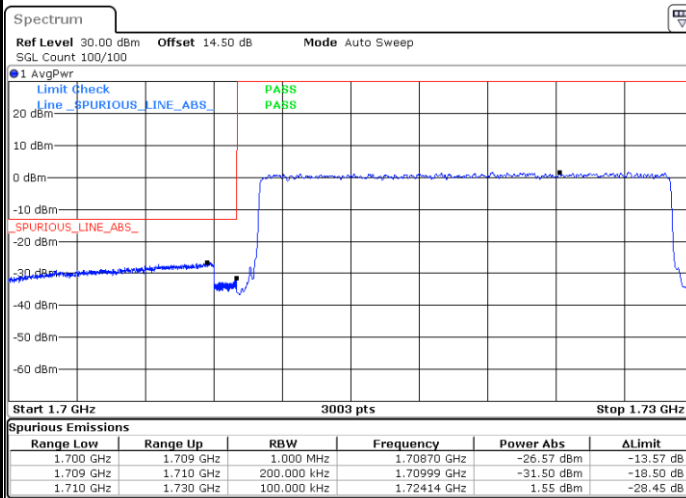
Lowest Band Edge / 1 RB



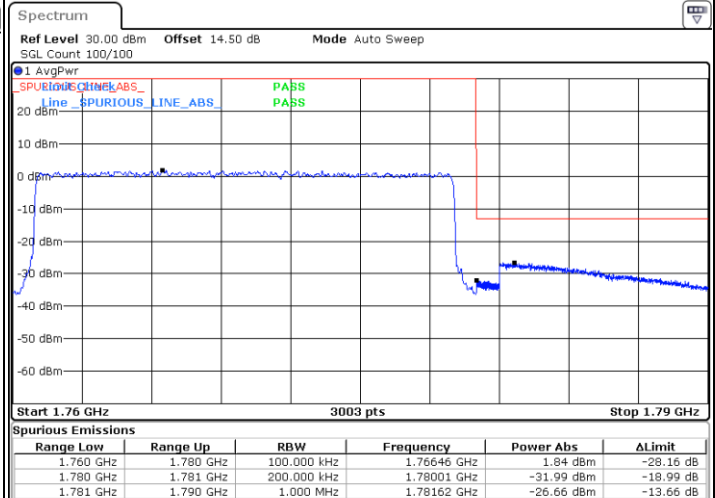
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



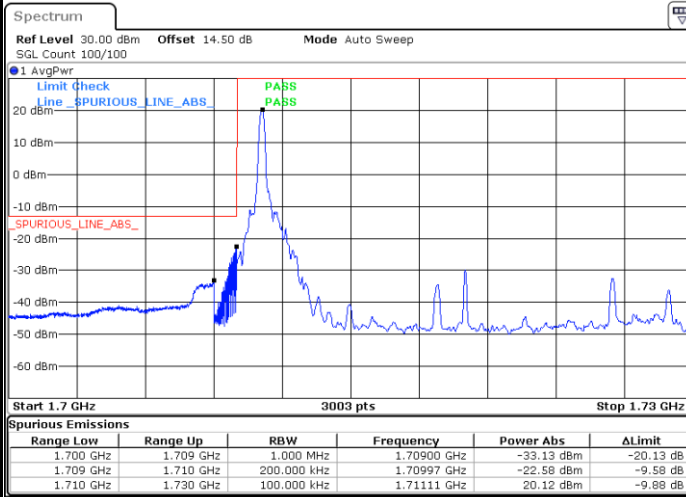
Highest Band Edge / Full RB



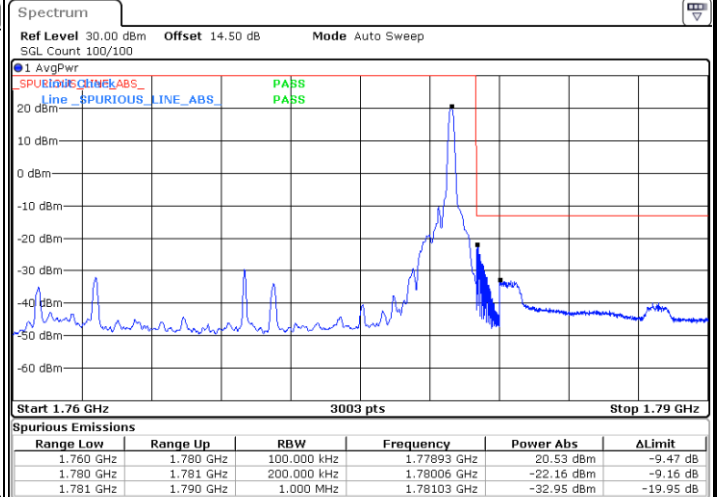


LTE Band 66 / 20MHz / 64QAM

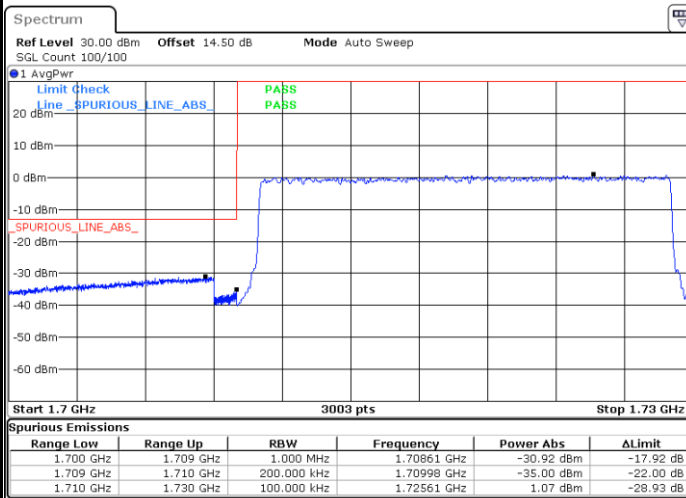
Lowest Band Edge / 1 RB



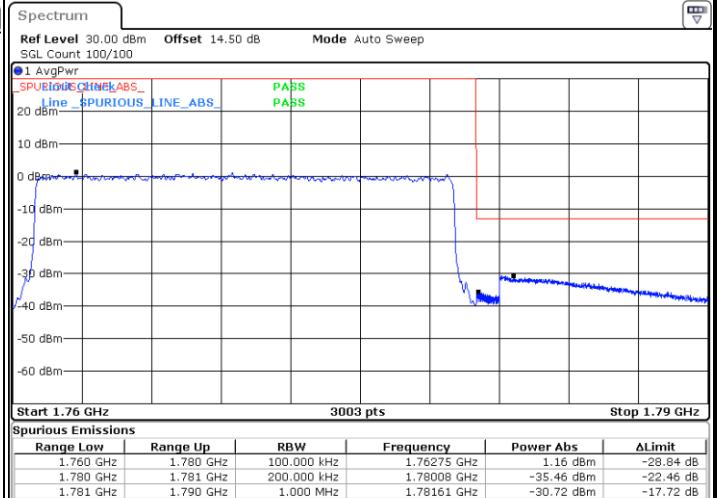
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



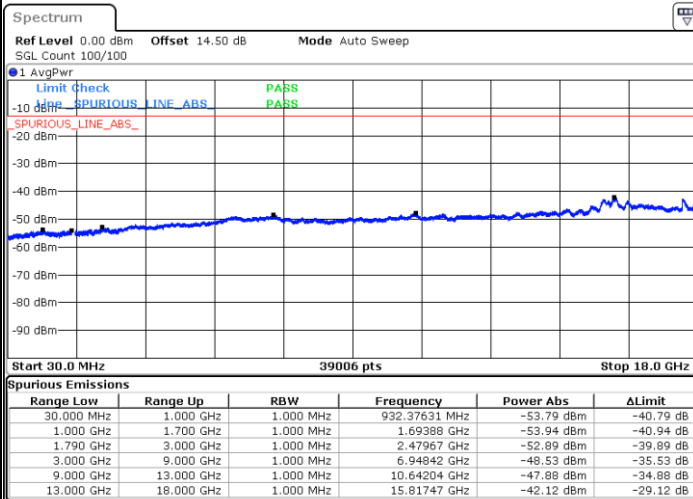
Highest Band Edge / Full RB



Conducted Spurious Emission

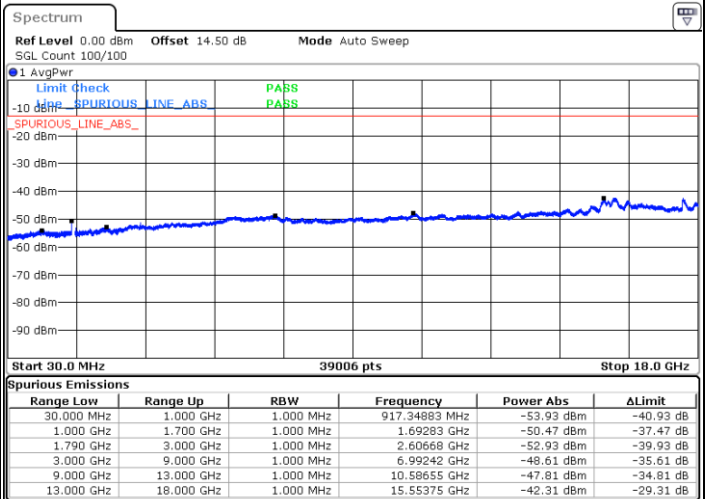
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



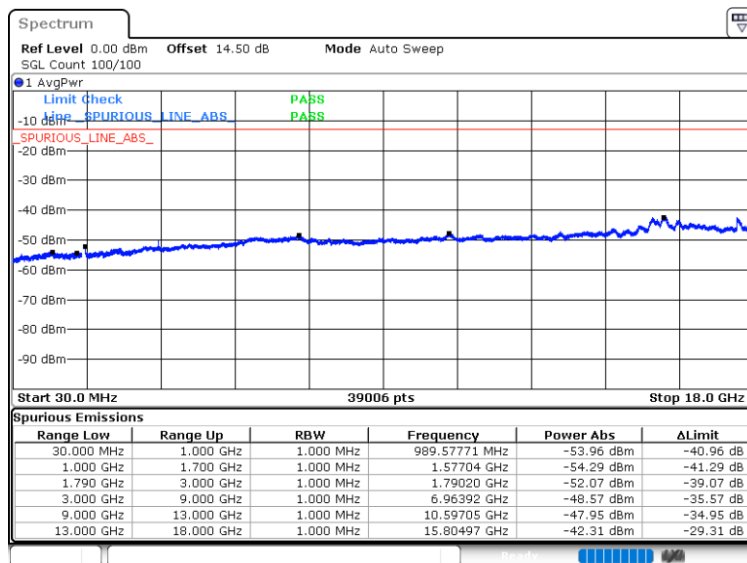
Date: 21.AUG.2024 13:41:36

Middle Channel / QPSK



Date: 21.AUG.2024 13:42:41

Highest Channel / QPSK

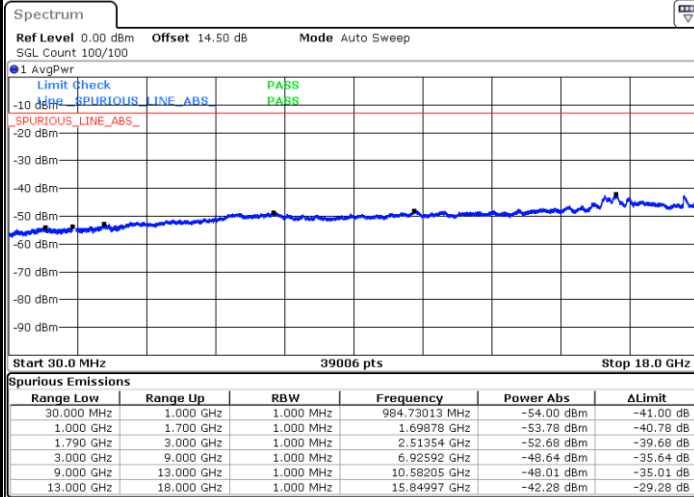


Date: 21.AUG.2024 13:46:40



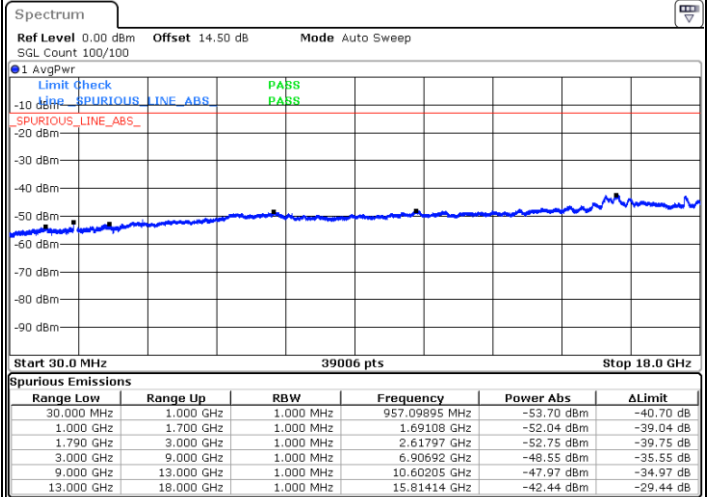
LTE Band 66 / 3MHz

Lowest Channel / QPSK



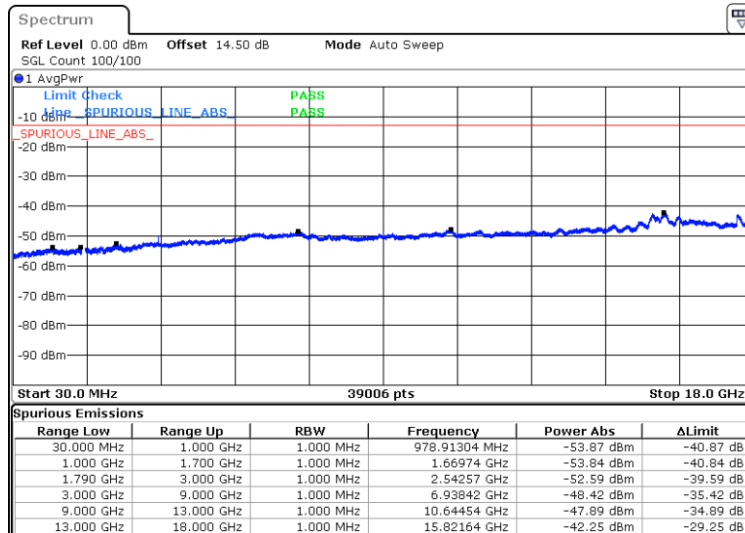
Date: 21.AUG.2024 13:58:59

Middle Channel / QPSK



Date: 21.AUG.2024 14:00:01

Highest Channel / QPSK

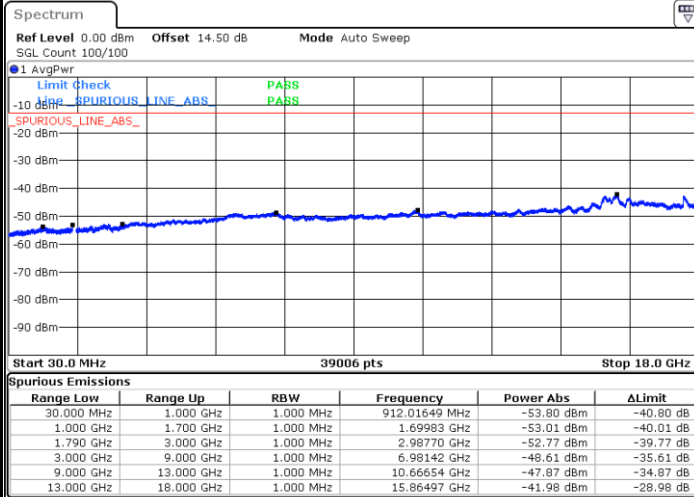


Date: 21.AUG.2024 14:07:33



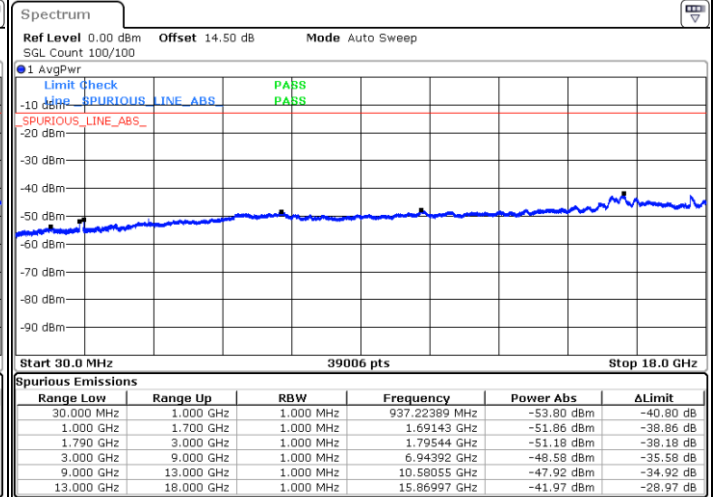
LTE Band 66 / 5MHz

Lowest Channel / QPSK



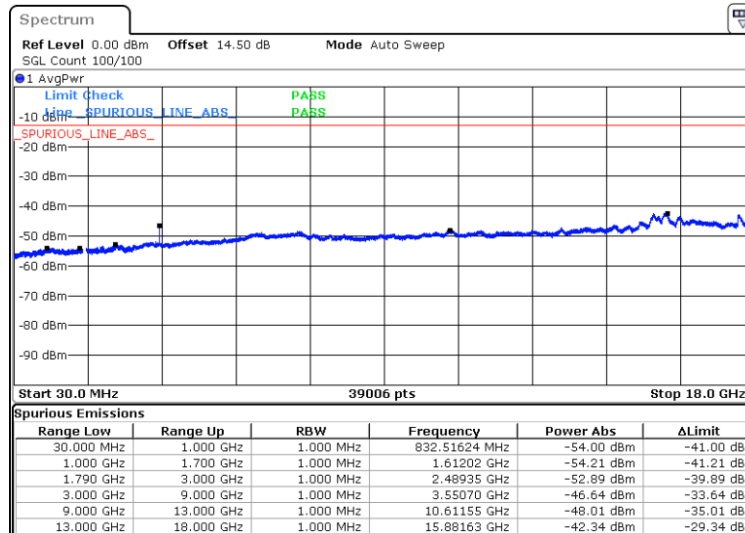
Date: 21.AUG.2024 14:38:53

Middle Channel / QPSK



Date: 21.AUG.2024 14:40:09

Highest Channel / QPSK



Date: 21.AUG.2024 14:43:16



LTE Band 66 / 10MHz

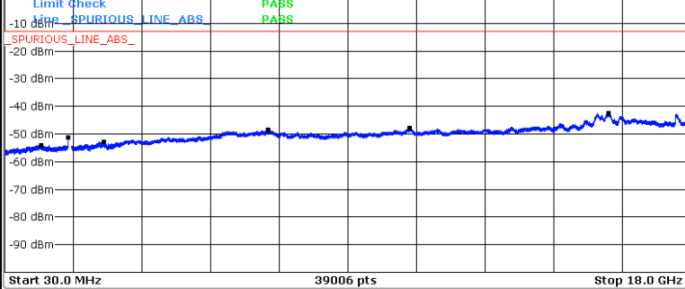
Lowest Channel / QPSK

Middle Channel / QPSK

Spectrum

Ref Level 0.00 dBm Offset 14.50 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



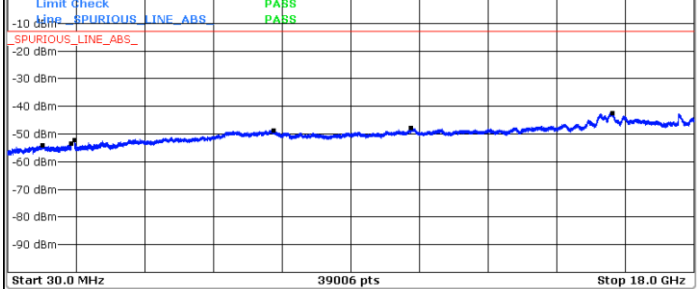
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60620 MHz	-53.95 dBm	-40.95 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-51.14 dBm	-38.14 dB
1.700 GHz	3.000 GHz	1.000 MHz	2.63289 GHz	-52.90 dBm	-39.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93192 GHz	-48.48 dBm	-35.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.62205 GHz	-47.91 dBm	-34.91 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.83789 GHz	-42.45 dBm	-29.45 dB

Date: 23.AUG.2024 07:24:05

Spectrum

Ref Level 0.00 dBm Offset 14.50 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.49525 MHz	-54.02 dBm	-41.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68828 GHz	-53.36 dBm	-40.36 dB
1.700 GHz	3.000 GHz	1.000 MHz	1.79262 GHz	-52.20 dBm	-39.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-48.60 dBm	-35.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59105 GHz	-47.90 dBm	-34.90 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.85497 GHz	-42.41 dBm	-29.41 dB

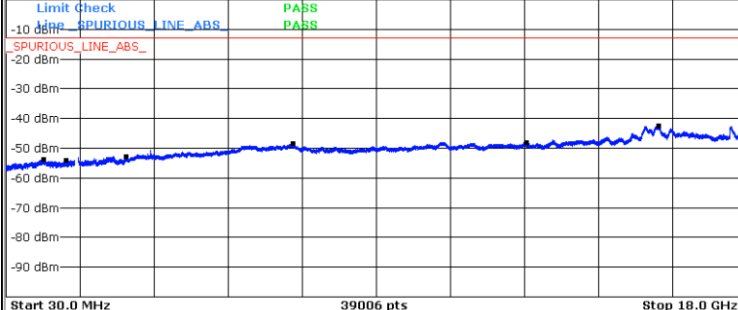
Date: 23.AUG.2024 07:22:41

Highest Channel / QPSK

Spectrum

Ref Level 0.00 dBm Offset 14.50 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



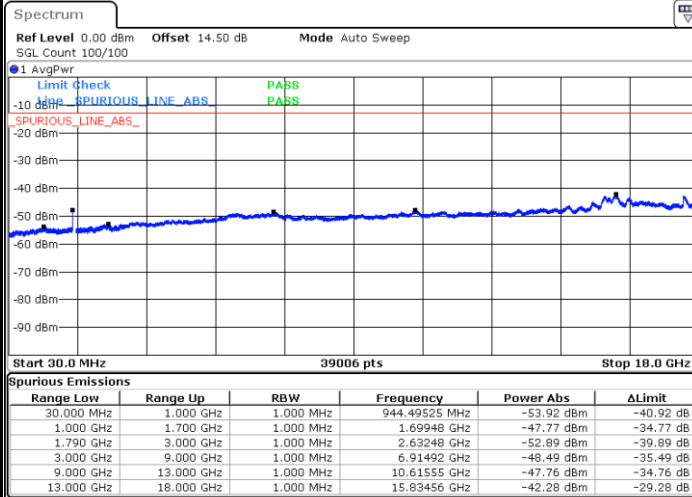
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-53.83 dBm	-40.83 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.48083 GHz	-54.04 dBm	-41.04 dB
1.700 GHz	3.000 GHz	1.000 MHz	2.93730 GHz	-52.83 dBm	-39.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-48.36 dBm	-35.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66179 GHz	-48.03 dBm	-35.03 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.85372 GHz	-42.37 dBm	-29.37 dB

Date: 23.AUG.2024 07:21:16



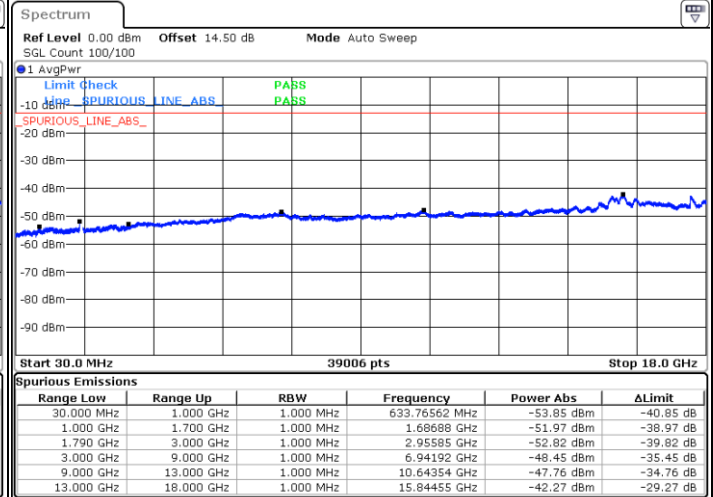
LTE Band 66 / 15MHz

Lowest Channel / QPSK



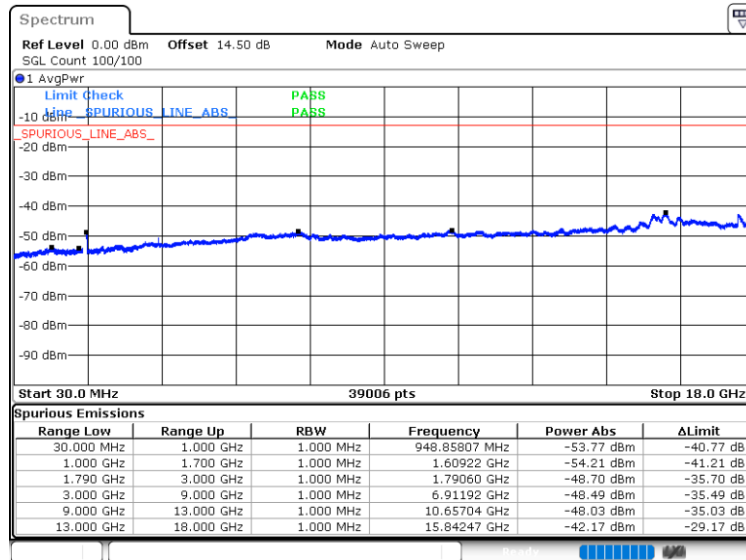
Date: 21.AUG.2024 14:55:27

Middle Channel / QPSK



Date: 21.AUG.2024 14:59:54

Highest Channel / QPSK

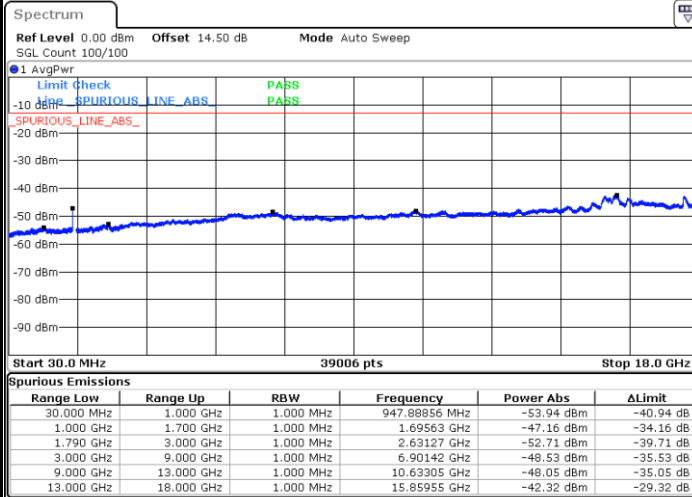


Date: 21.AUG.2024 15:11:16



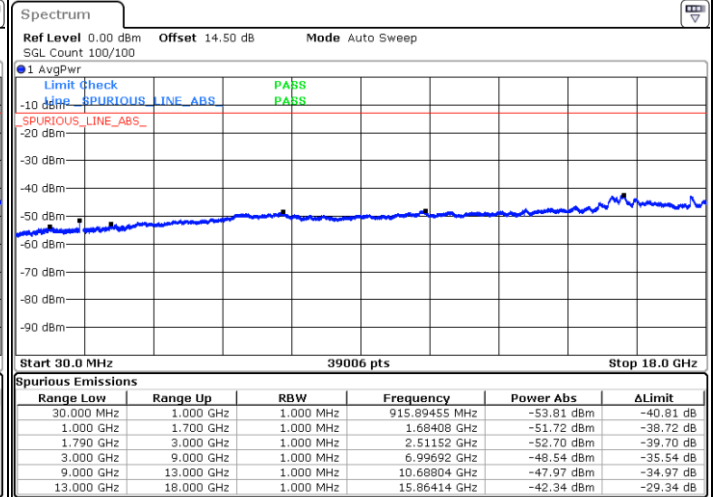
LTE Band 66 / 20MHz

Lowest Channel / QPSK



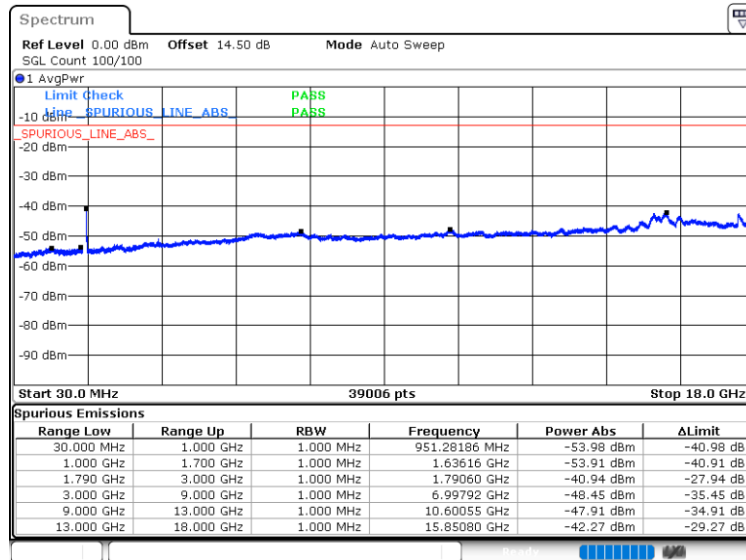
Date: 21.AUG.2024 15:23:45

Middle Channel / QPSK



Date: 21.AUG.2024 15:24:53

Highest Channel / QPSK



Date: 21.AUG.2024 15:28:11

**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	0.0079	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0068	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0036	
20	Maximum Voltage	0.0045	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0069	

Note:

1. Normal Voltage =3.8V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.4V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	HuaCong Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE pretest all the supported antennas, only the worst results are recorded in the report.

LTE Band 25 / 20MHz / QPSK ANT 3									
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	-57.18	-13	-44.18	-79.67	-63.93	5.85	12.60	H
	5620.5	-54.85	-13	-41.85	-79.35	-60.65	7.30	13.10	H
	7494	-54.21	-13	-41.21	-81.21	-57.36	8.35	11.50	H
	3747	-54.85	-13	-41.85	-80.5	-61.60	5.85	12.60	V
	5620.5	-54.48	-13	-41.48	-79.48	-60.28	7.30	13.10	V
	7494	-54.44	-13	-41.44	-81.43	-57.59	8.35	11.50	V

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

LTE Band 26 / 15MHz / QPSK ANT 0									
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	1649.5	-60.18	-13	-47.18	-72.27	-63.43	4.00	9.40	H
	2474.25	-54.29	-13	-41.29	-73.54	-57.86	4.88	10.60	H
	3299	-57.45	-13	-44.45	-78.50	-62.38	5.52	12.60	H
	1649.5	-61.00	-13	-48.00	-73.73	-64.25	4.00	9.40	V
	2474.25	-47.39	-13	-34.39	-66.96	-50.96	4.88	10.60	V
	3299	-56.36	-13	-43.36	-78.30	-61.29	5.52	12.60	V

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

LTE Band 66 / 20MHz / QPSK ANT 3									
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	-56.99	-13	-43.99	-79.24	-63.84	5.65	12.50	H
	5208	-54.91	-13	-41.91	-79.82	-60.58	7.13	12.80	H
	6944	-55.44	-13	-42.44	-81.77	-58.84	8.40	11.80	H
	3472	-56.21	-13	-43.21	-78.26	-63.06	5.65	12.50	V
	5208	-53.36	-13	-40.36	-78.44	-59.03	7.13	12.80	V
	6944	-54.23	-13	-41.23	-81.29	-57.63	8.40	11.80	V

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