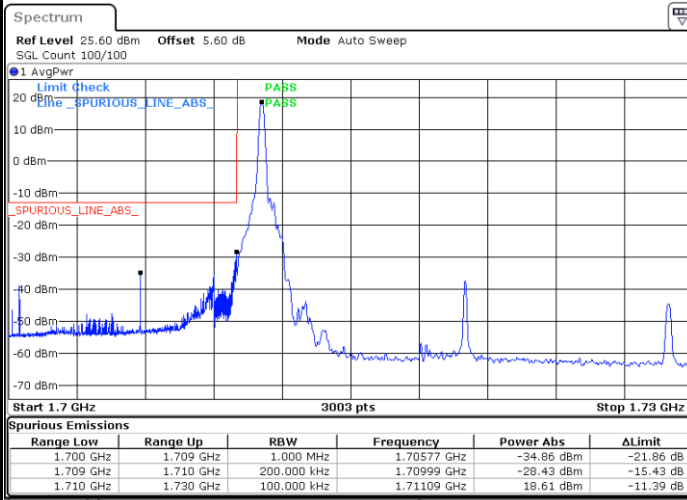




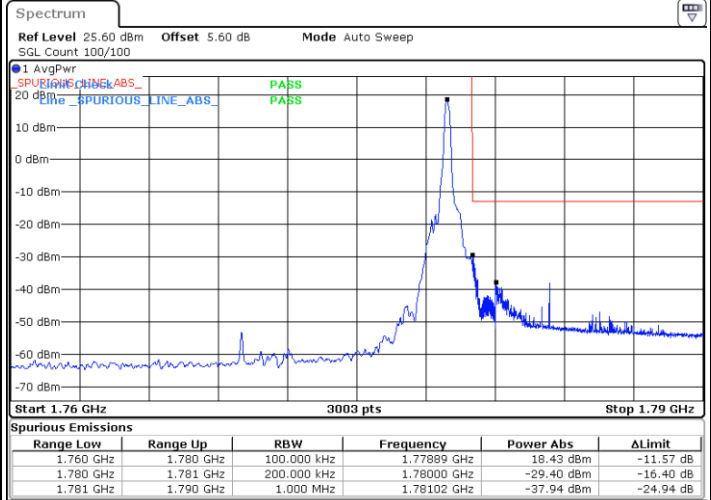
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



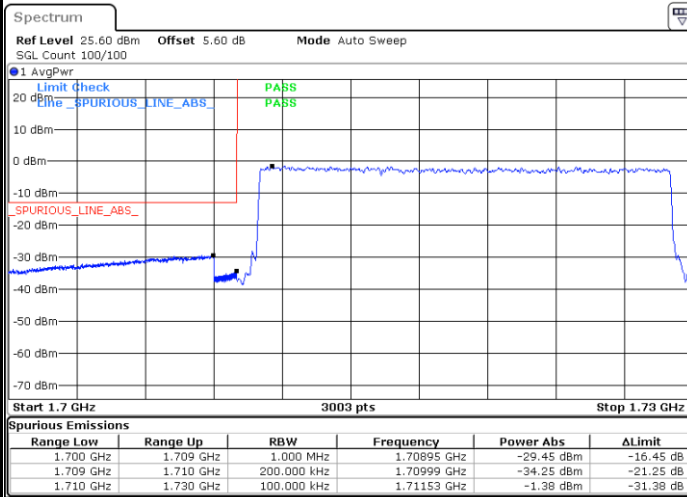
Date: 26.AUG.2024 08:00:13

Highest Band Edge / 1 RB



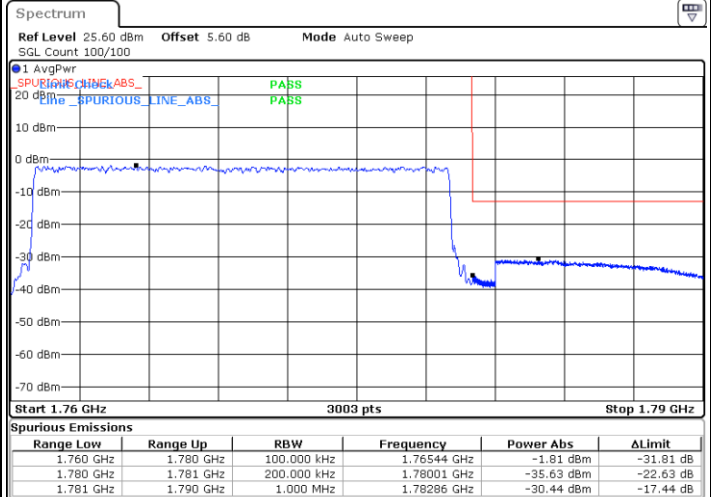
Date: 26.AUG.2024 08:13:53

Lowest Band Edge / Full RB



Date: 26.AUG.2024 08:05:37

Highest Band Edge / Full RB

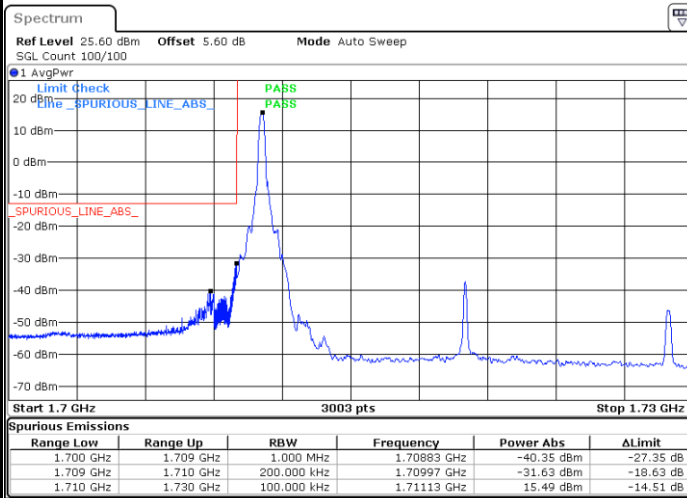


Date: 26.AUG.2024 08:19:18



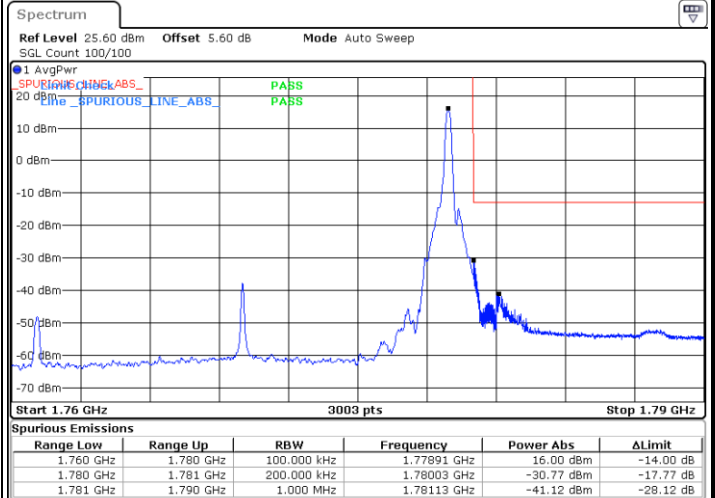
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



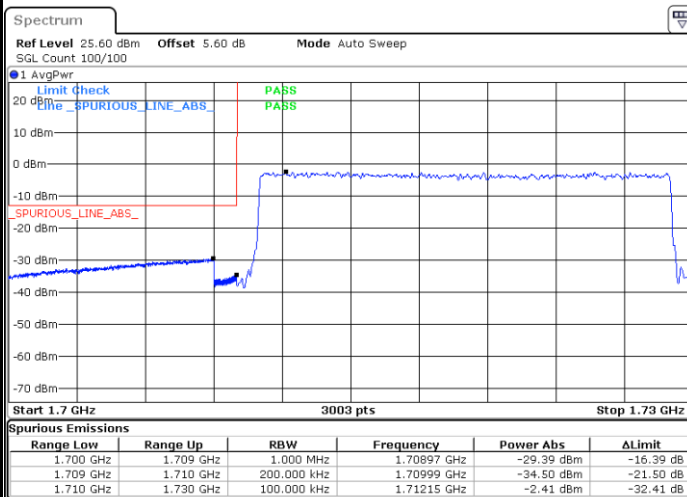
Date: 26.AUG.2024 09:01:33

Highest Band Edge / 1 RB



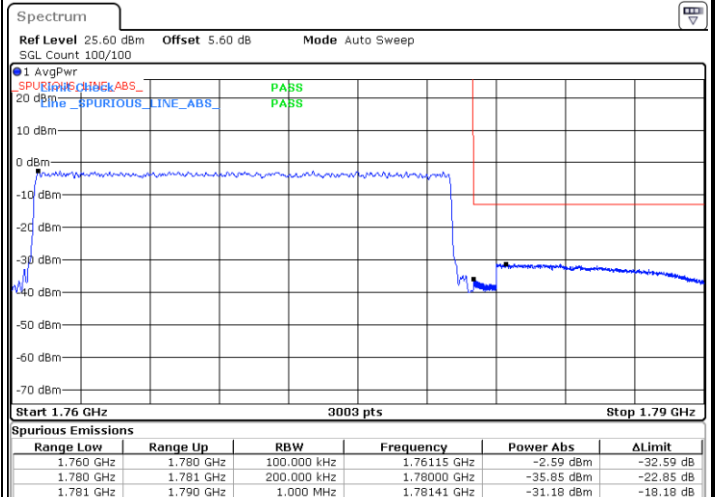
Date: 26.AUG.2024 09:15:13

Lowest Band Edge / Full RB



Date: 26.AUG.2024 08:06:58

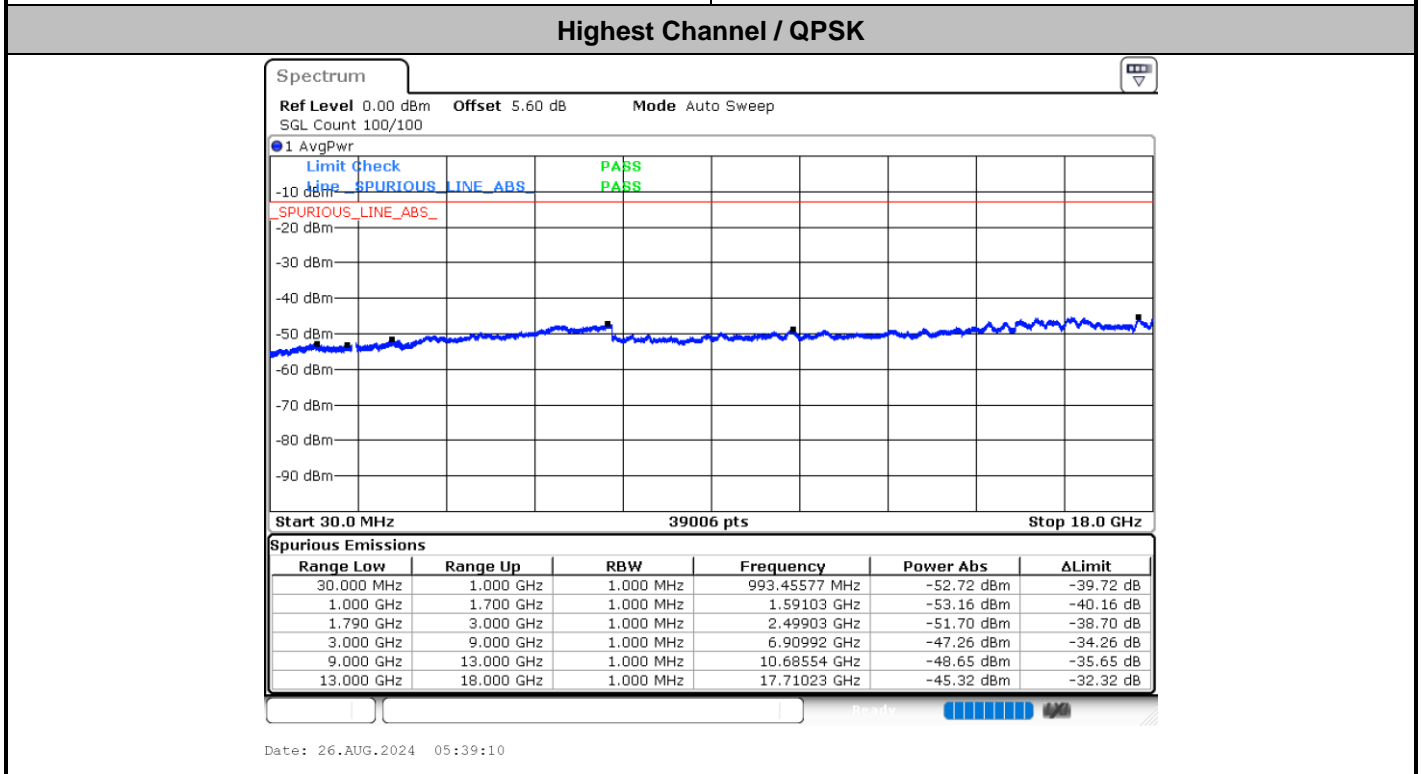
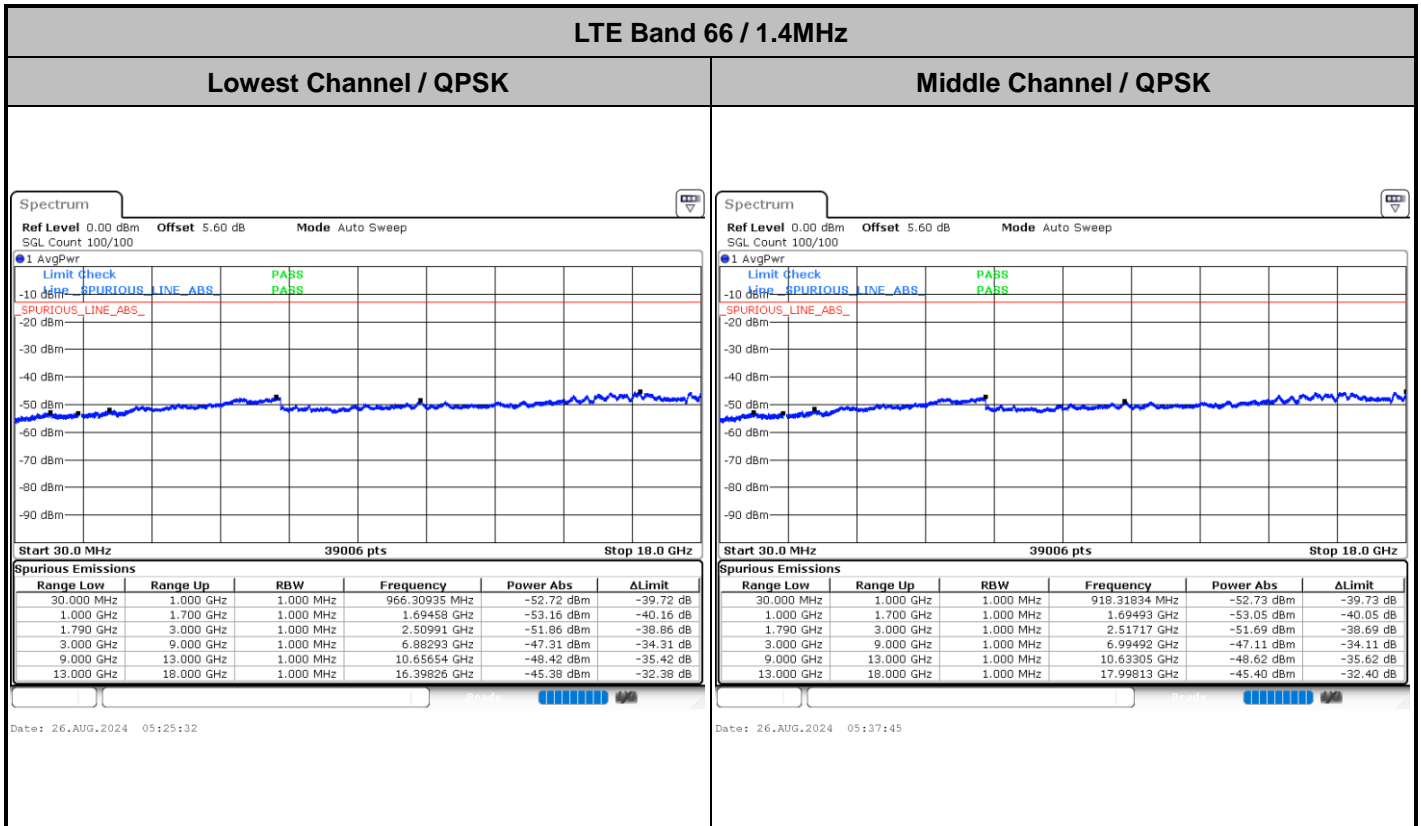
Highest Band Edge / Full RB



Date: 26.AUG.2024 08:20:38



Conducted Spurious Emission

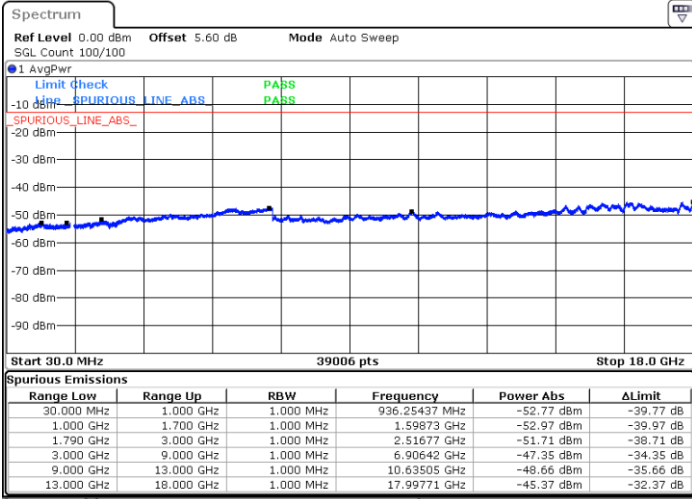




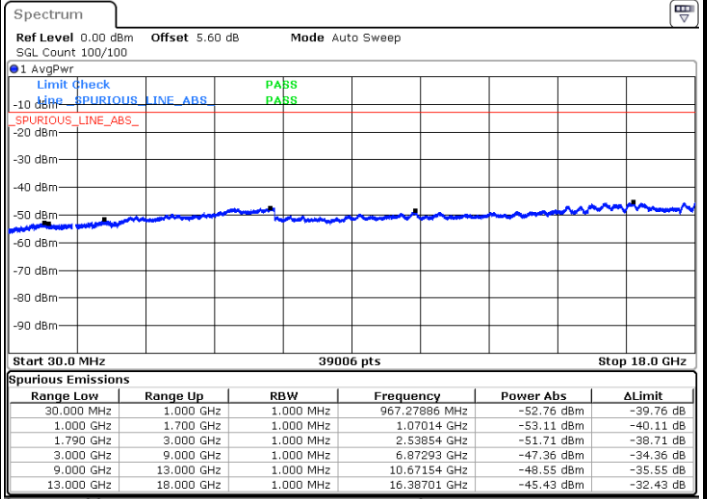
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

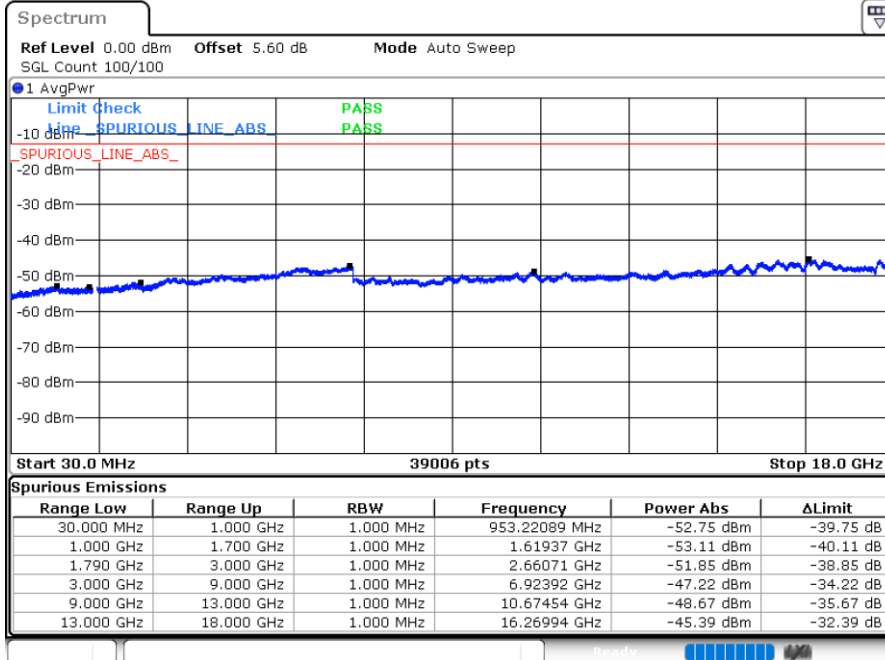


Date: 26.AUG.2024 05:59:10



Date: 26.AUG.2024 06:11:22

Highest Channel / QPSK



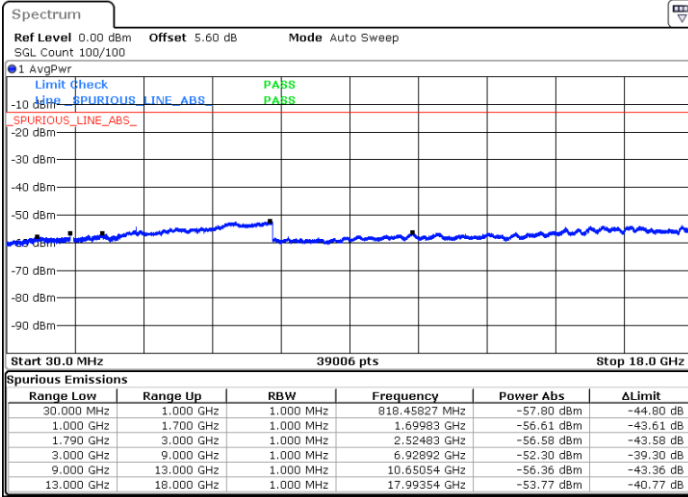
Date: 26.AUG.2024 06:12:47



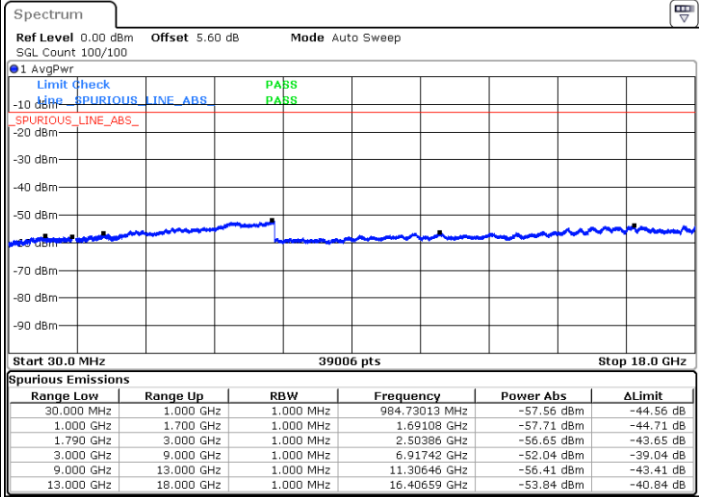
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

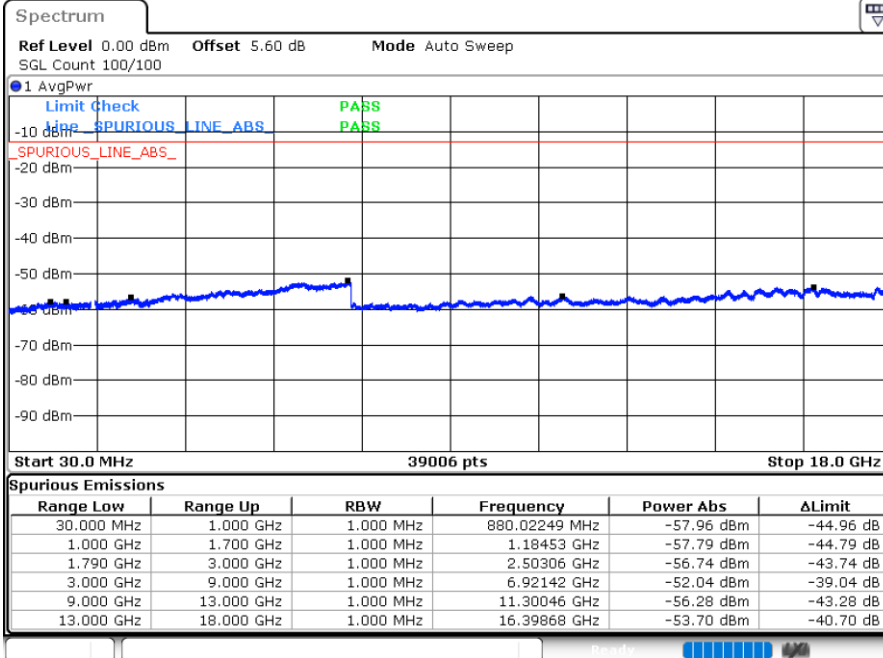


Date: 26.AUG.2024 06:37:31



Date: 26.AUG.2024 06:49:44

Highest Channel / QPSK



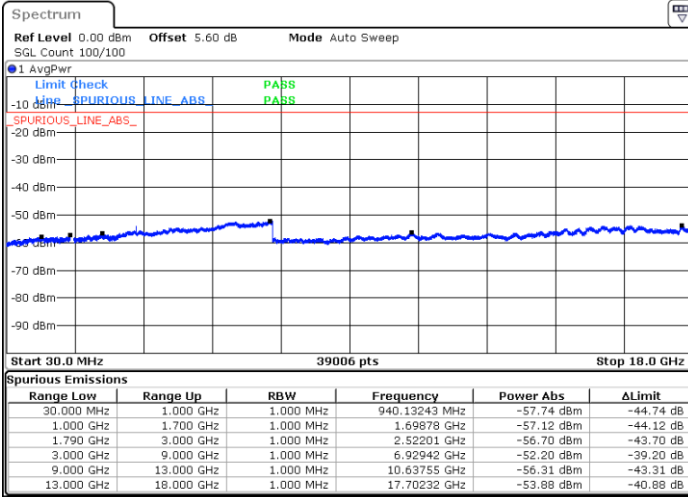
Date: 26.AUG.2024 06:51:09



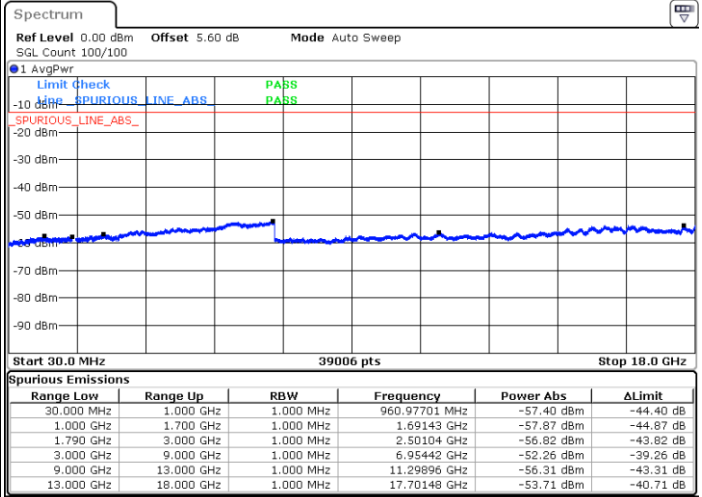
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

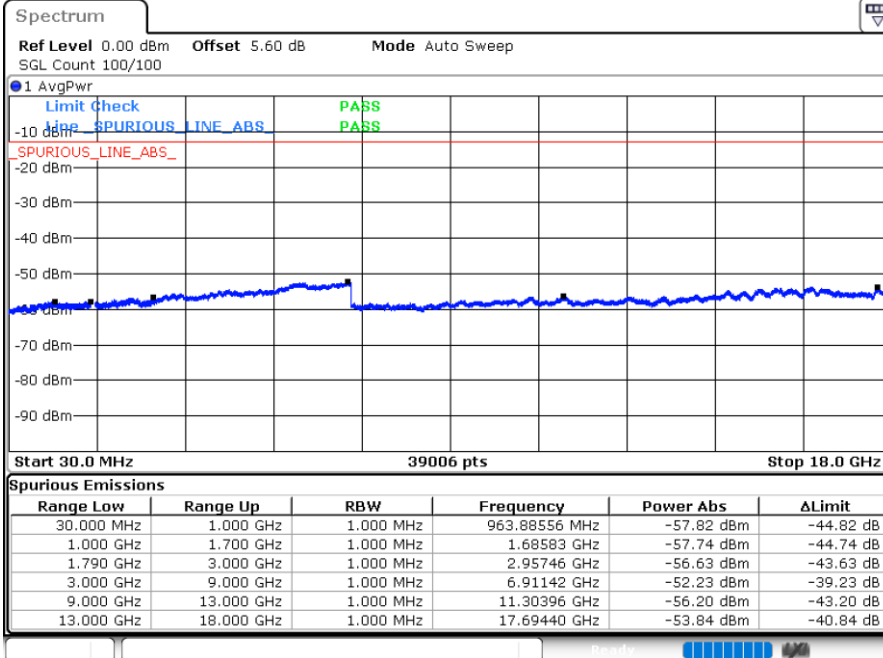


Date: 26.AUG.2024 07:03:23



Date: 26.AUG.2024 07:15:37

Highest Channel / QPSK



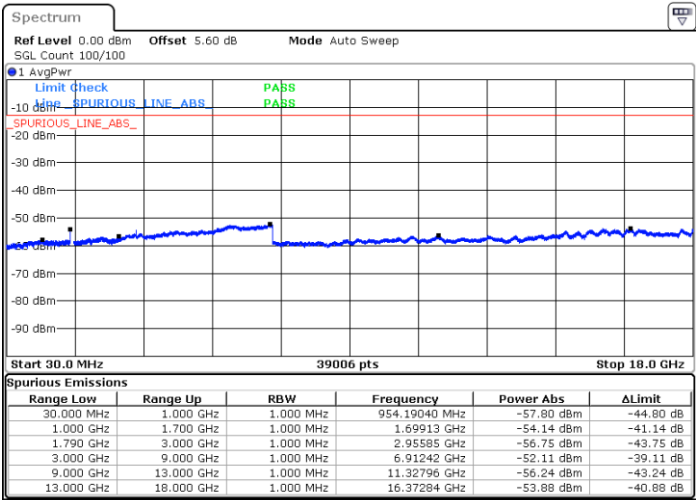
Date: 26.AUG.2024 07:17:02



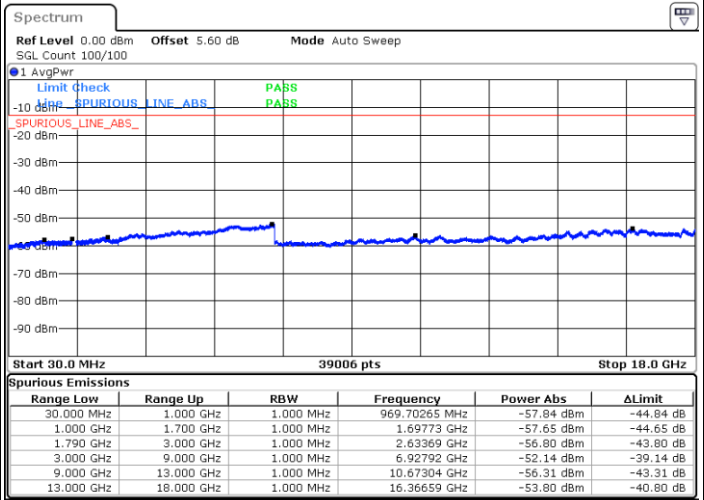
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

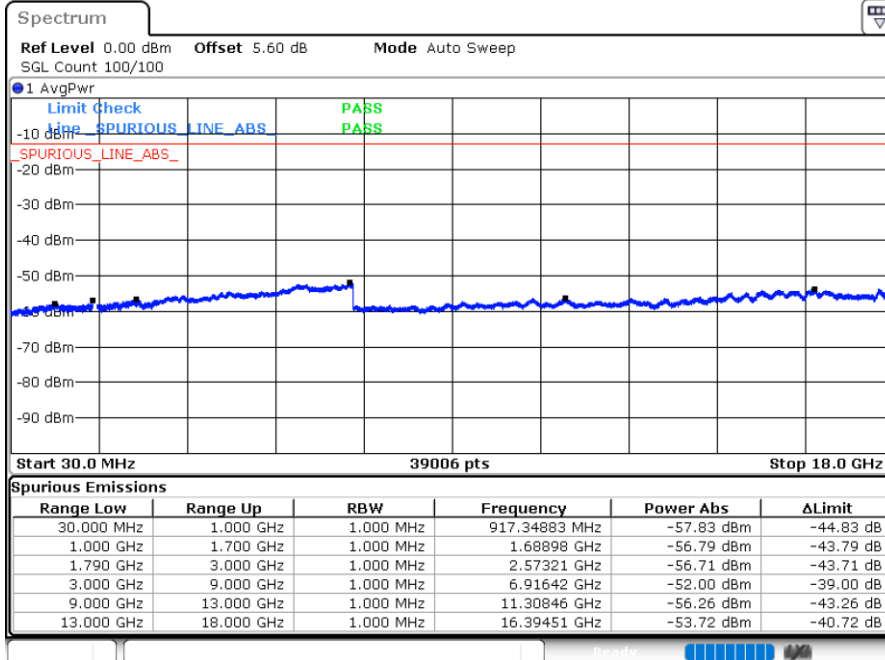


Date: 26.AUG.2024 07:30:03



Date: 26.AUG.2024 07:42:17

Highest Channel / QPSK



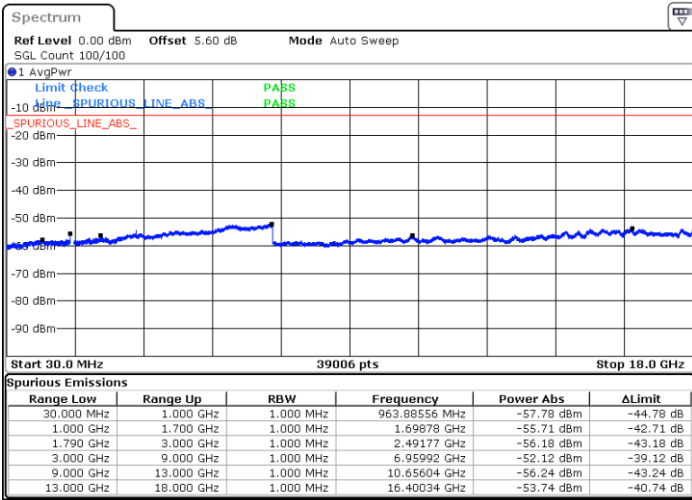
Date: 26.AUG.2024 07:43:42



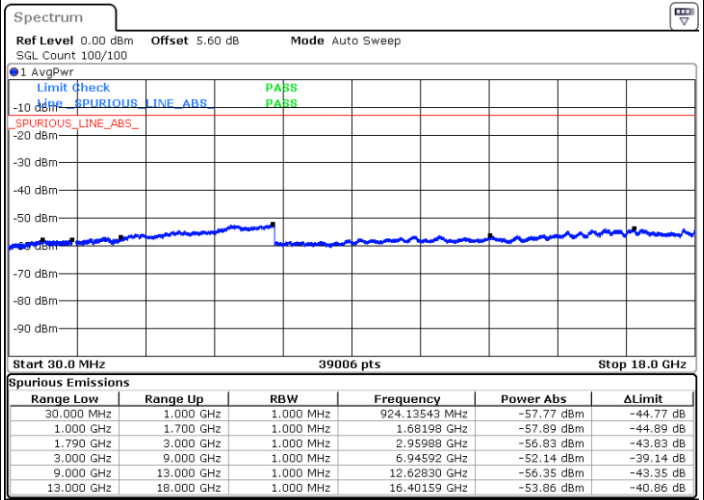
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

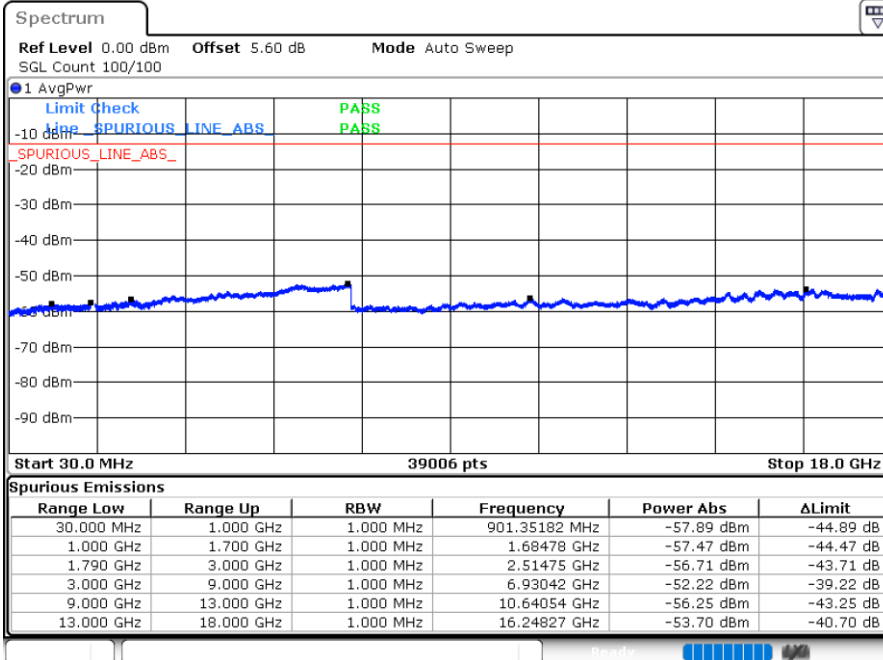


Date: 26.AUG.2024 07:56:11



Date: 26.AUG.2024 08:08:26

Highest Channel / QPSK



Date: 26.AUG.2024 08:09:51



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	0.0017	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 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 :	Jake zhou	Temperature :	23~25°C
		Relative Humidity :	53~58%

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

LTE Band 12 / 10MHz / 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	1408	-73.10	-13	-60.10	-80.07	1.58	10.70	H
	2112	-68.95	-13	-55.95	-77.20	2.102	12.50	H
	2816	-68.07	-13	-55.07	-76.96	2.856	13.90	H
	1408	-72.58	-13	-59.58	-79.55	1.58	10.70	V
	2112	-67.71	-13	-54.71	-75.96	2.10	12.50	V
	2816	-67.54	-13	-54.54	-76.43	2.86	13.90	V

LTE Band 13 / 5MHz / 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	1560	-71.72	-42.15	-29.57	-74.35	1.09	5.87	H
	2336	-57.06	-13	-44.06	-59.46	1.37	5.92	H
	3120	-68.41	-13	-55.41	-72.30	1.64	7.68	H
	1560	-72.04	-42.15	-29.89	-74.67	1.09	5.87	V
	2336	-57.41	-13	-44.41	-59.81	1.37	5.92	V
	3120	-68.38	-13	-55.38	-72.27	1.64	7.68	V

LTE Band 13 / 10MHz / 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	1552	-72.45	-13	-59.45	-75.08	1.09	5.87	H
	2336	-58.94	-13	-45.94	-61.34	1.37	5.92	H
	3112	-68.38	-13	-55.38	-72.27	1.64	7.68	H
	1552	-72.77	-13	-59.77	-75.40	1.09	5.87	V
	2336	-58.80	-13	-45.80	-61.20	1.37	5.92	V
	3112	-68.10	-13	-55.10	-71.99	1.64	7.68	V



LTE Band 25 / 20MHz / QPSK_Ant1								
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	-58.84	-13	-45.84	-71.10	2.64	14.90	H
	5625	-40.49	-13	-27.49	-52.35	2.94	14.80	H
	7500	-53.37	-13	-40.37	-63.14	3.39	13.16	H
	9360	-52.29	-13	-39.29	-62.77	4.00	14.48	H
	3750	-59.19	-13	-46.19	-71.45	2.64	14.90	V
	5625	-42.18	-13	-29.18	-54.04	2.94	14.80	V
	7500	-55.73	-13	-42.73	-65.50	3.39	13.16	V
9360	-49.22	-13	-36.22	-59.70	4.00	14.48	V	

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	-69.48	-13	-56.48	-76.45	1.58	10.70	H
	2488	-63.82	-13	-50.82	-72.07	2.102	12.50	H
	3320	-67.95	-13	-54.95	-76.84	2.856	13.90	H
	1656	-71.74	-13	-58.74	-78.71	1.58	10.70	V
	2488	-61.49	-13	-48.49	-69.74	2.10	12.50	V
	3320	-68.40	-13	-55.40	-77.29	2.86	13.90	V

LTE Band 66 / 20MHz / QPSK_Ant1								
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	-61.17	-13	-48.17	-71.91	2.604	13.34	H
	5205	-42.68	-13	-29.68	-53.19	3.011	13.52	H
	6945	-55.17	-13	-42.17	-65.37	3.271	13.47	H
	8685	-50.86	-13	-37.86	-57.83	5.527	12.5	H
	3465	-64.03	-13	-51.03	-74.77	2.604	13.34	V
	5205	-46.34	-13	-33.34	-56.85	3.011	13.52	V
	6945	-57.60	-13	-44.60	-67.80	3.271	13.47	V

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