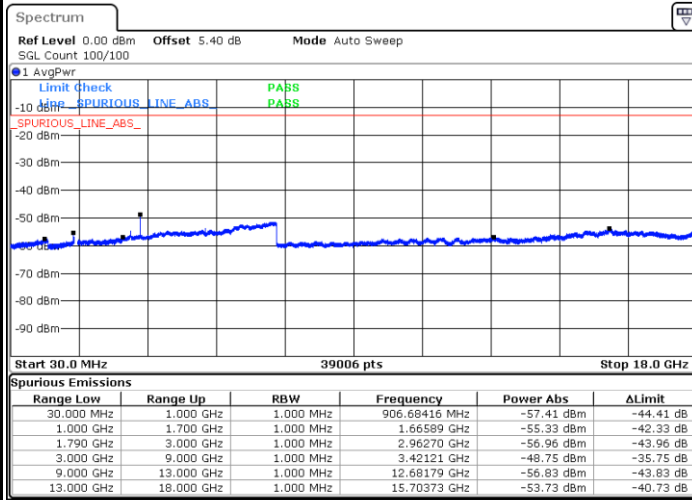




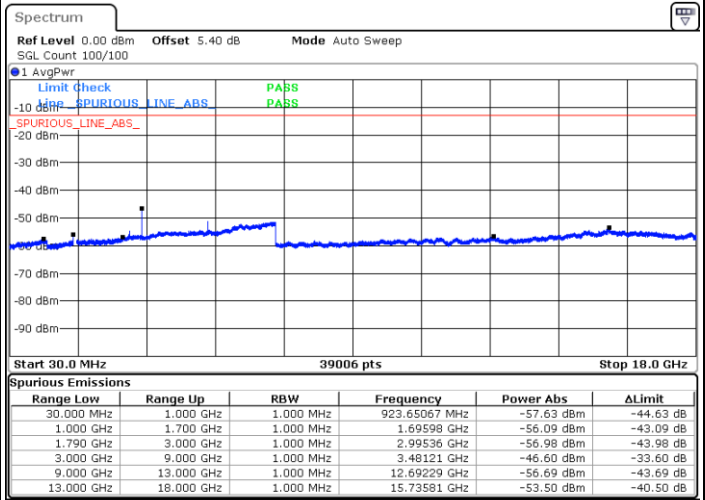
LTE Band 66 / 10MHz

Lowest Channel / QPSK



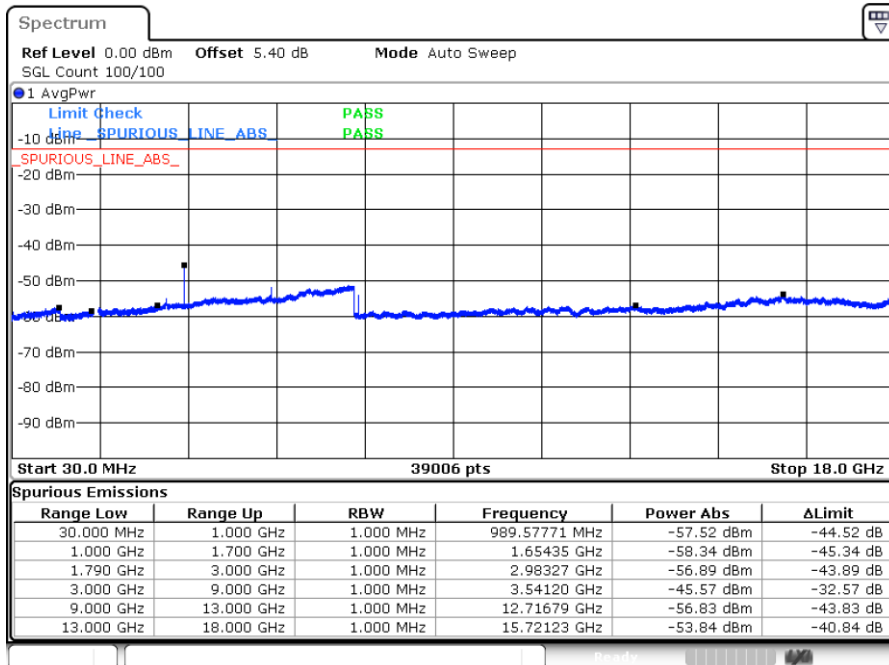
Date: 22.NOV.2024 00:21:27

Middle Channel / QPSK



Date: 22.NOV.2024 00:32:57

Highest Channel / QPSK

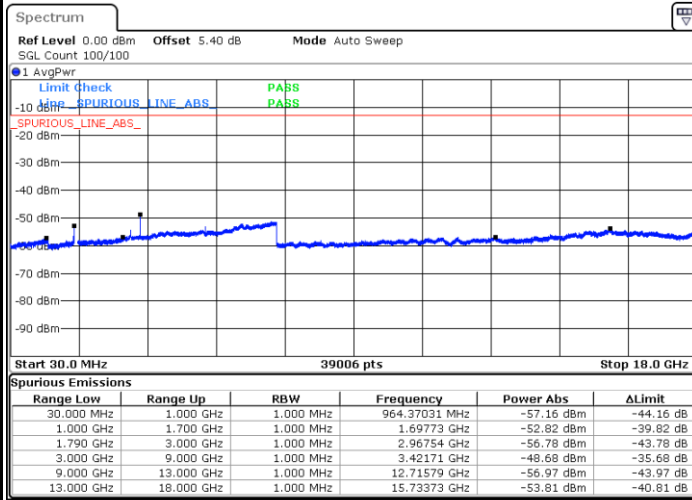


Date: 22.NOV.2024 00:34:19



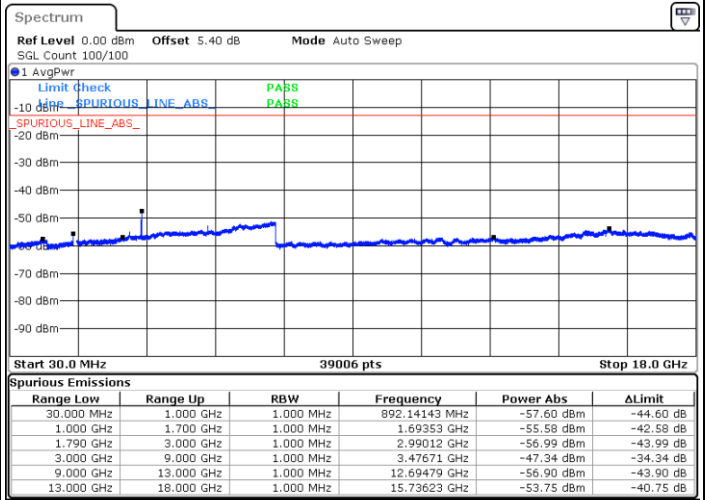
LTE Band 66 / 15MHz

Lowest Channel / QPSK



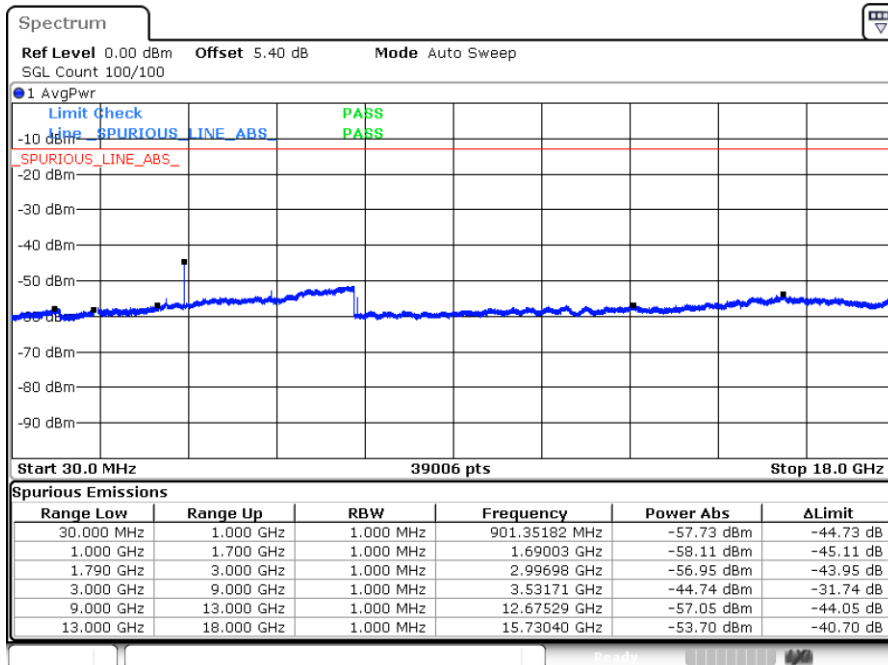
Date: 22.NOV.2024 00:50:12

Middle Channel / QPSK



Date: 22.NOV.2024 01:01:45

Highest Channel / QPSK

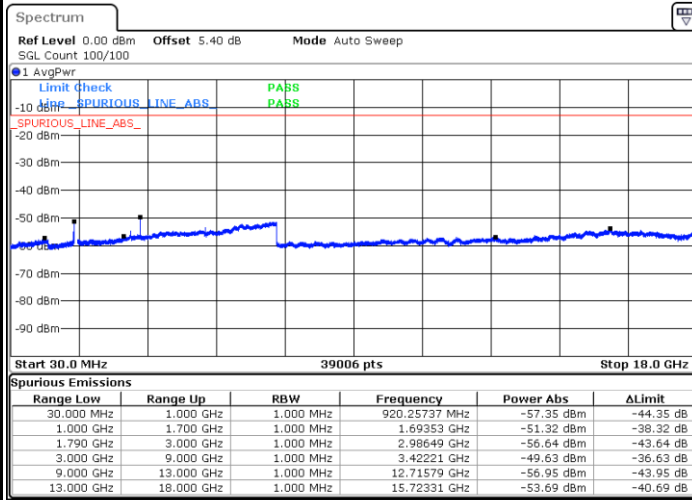


Date: 22.NOV.2024 01:03:07



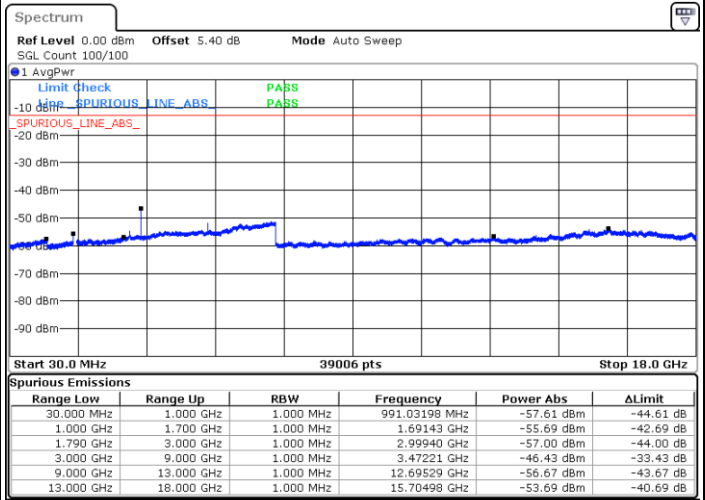
LTE Band 66 / 20MHz

Lowest Channel / QPSK



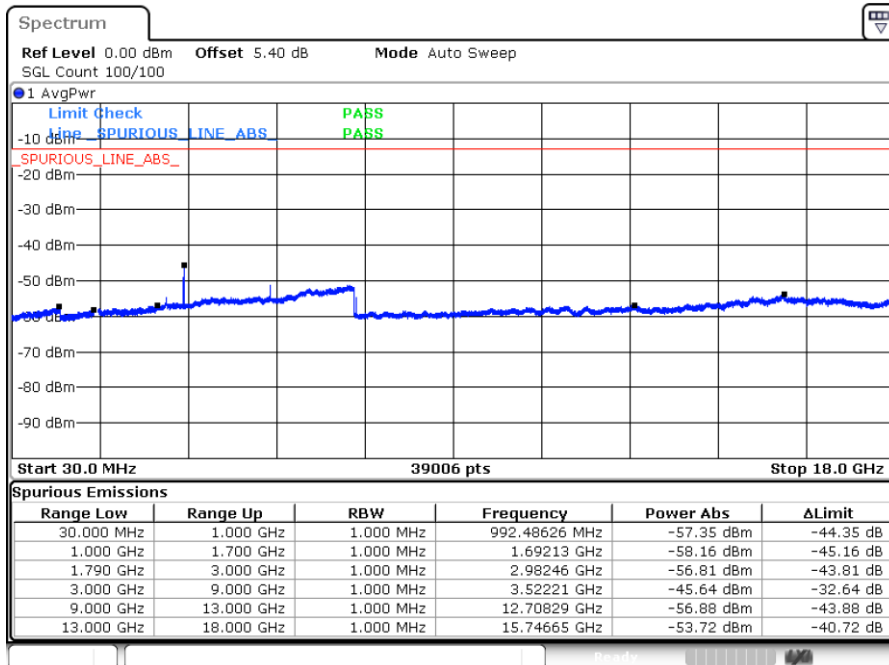
Date: 22.NOV.2024 01:15:52

Middle Channel / QPSK



Date: 22.NOV.2024 01:28:41

Highest Channel / QPSK



Date: 22.NOV.2024 01:30:03

**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	0.0017	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0044	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.4 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	Temperature :	23~25°C
		Relative Humidity :	51~53%

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

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	-56.01	-13	-43.01	-68.27	2.64	14.90	H
	5550	-55.83	-13	-42.83	-67.69	2.94	14.80	H
	7410	-52.59	-13	-39.59	-62.36	3.39	13.16	H
	3705	-55.90	-13	-42.90	-68.16	2.64	14.90	V
	5550	-55.90	-13	-42.90	-67.76	2.94	14.80	V
	7410	-52.50	-13	-39.50	-62.27	3.39	13.16	V
Middle	3750	-55.78	-13	-42.78	-68.04	2.64	14.90	H
	5625	-54.52	-13	-41.52	-66.38	2.94	14.80	H
	7515	-52.35	-13	-39.35	-62.12	3.39	13.16	H
	3750	-55.33	-13	-42.33	-67.59	2.64	14.90	V
	5625	-55.06	-13	-42.06	-66.92	2.94	14.80	V
	7515	-52.11	-13	-39.11	-61.88	3.39	13.16	V
Highest	3795	-56.21	-13	-43.21	-68.47	2.64	14.90	H
	5685	-54.13	-13	-41.13	-65.99	2.94	14.80	H
	7590	-51.76	-13	-38.76	-61.53	3.39	13.16	H
	3795	-55.58	-13	-42.58	-67.84	2.64	14.90	V
	5685	-54.77	-13	-41.77	-66.63	2.94	14.80	V
	7590	-51.50	-13	-38.50	-61.27	3.39	13.16	V

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



LTE Band 26 / 15 MHz / 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	-65.34	-13	-52.34	-72.31	1.58	10.70	H
	2472	-61.23	-13	-48.23	-69.48	2.102	12.50	H
	3232	-59.79	-13	-46.79	-68.68	2.856	13.90	H
	1648	-64.12	-13	-51.12	-71.09	1.58	10.70	V
	2472	-56.75	-13	-43.75	-65.00	2.10	12.50	V
	3232	-59.73	-13	-46.73	-68.62	2.86	13.90	V
Middle	1656	-64.39	-13	-51.39	-71.36	1.58	10.70	H
	2488	-61.03	-13	-48.03	-69.28	2.102	12.50	H
	3320	-59.66	-13	-46.66	-68.55	2.856	13.90	H
	1656	-63.54	-13	-50.54	-70.51	1.58	10.70	V
	2488	-59.52	-13	-46.52	-67.77	2.10	12.50	V
	3320	-59.91	-13	-46.91	-68.80	2.86	13.90	V
Highest	1648	-65.34	-13	-52.34	-72.31	1.58	10.70	H
	2472	-61.23	-13	-48.23	-69.48	2.102	12.50	H
	3232	-59.79	-13	-46.79	-68.68	2.856	13.90	H
	1648	-64.12	-13	-51.12	-71.09	1.58	10.70	V
	2472	-56.75	-13	-43.75	-65.00	2.10	12.50	V
	3232	-59.73	-13	-46.73	-68.62	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	-57.65	-13	-44.65	-68.39	2.604	13.34	H
	5130	-54.59	-13	-41.59	-65.10	3.011	13.52	H
	6840	-54.81	-13	-41.81	-65.01	3.271	13.47	H
	3420	-57.50	-13	-44.50	-68.24	2.604	13.34	V
	5130	-54.53	-13	-41.53	-65.04	3.011	13.52	V
	6840	-54.84	-13	-41.84	-65.04	3.271	13.47	V
Middle	3465	-57.54	-13	-44.54	-68.28	2.604	13.34	H
	5205	-54.24	-13	-41.24	-64.75	3.011	13.52	H
	6945	-54.12	-13	-41.12	-64.32	3.271	13.47	H
	3465	-57.88	-13	-44.88	-68.62	2.604	13.34	V
	5205	-54.47	-13	-41.47	-64.98	3.011	13.52	V
	6945	-54.66	-13	-41.66	-64.86	3.271	13.47	V
Highest	3525	-57.28	-13	-44.28	-68.02	2.604	13.34	H
	5280	-55.90	-13	-42.90	-66.41	3.011	13.52	H
	7050	-54.06	-13	-41.06	-64.26	3.271	13.47	H
	3525	-57.29	-13	-44.29	-68.03	2.604	13.34	V
	5280	-55.60	-13	-42.60	-66.11	3.011	13.52	V
	7050	-53.55	-13	-40.55	-63.75	3.271	13.47	V

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