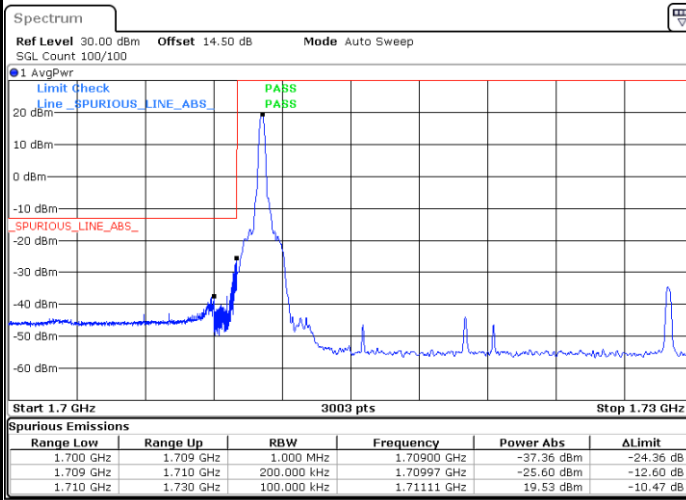


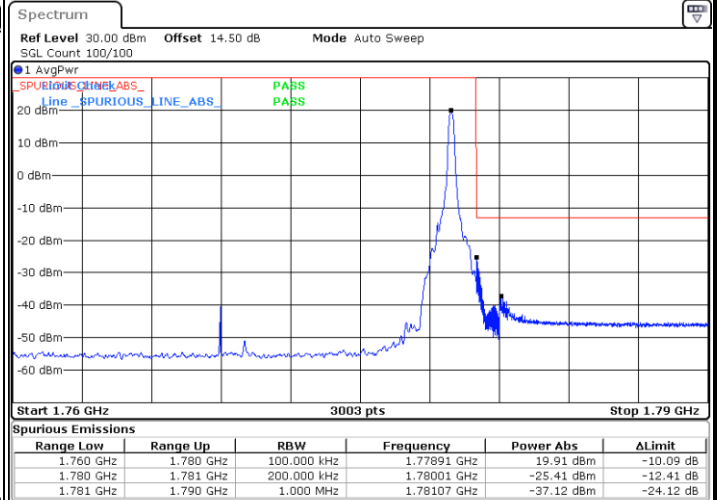


LTE Band 66 / 20MHz / 64QAM

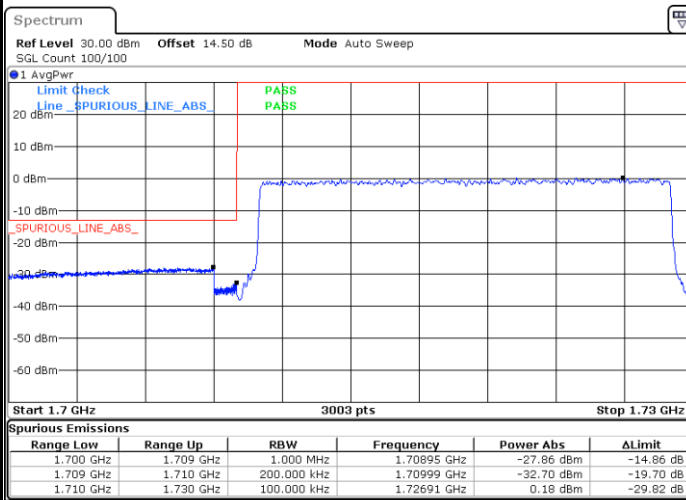
Lowest Band Edge / 1 RB



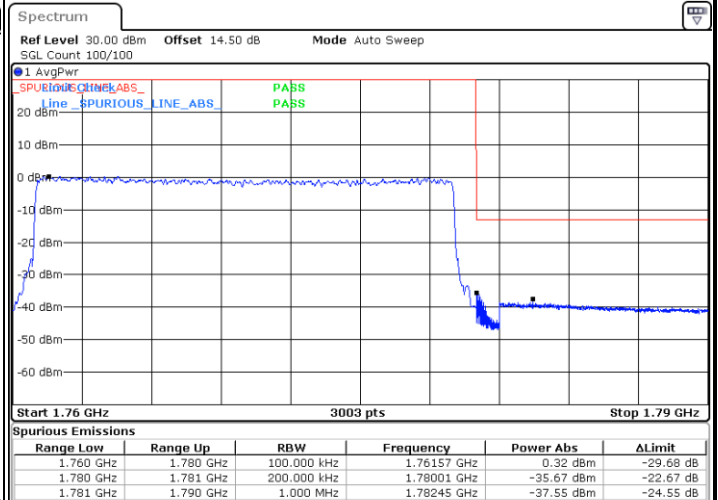
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

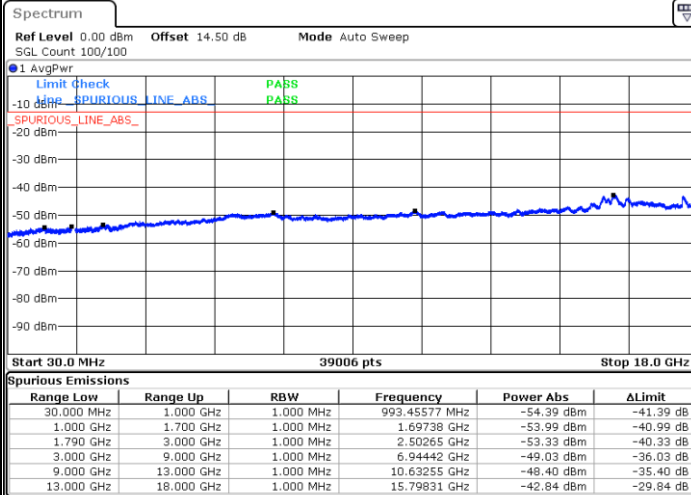




Conducted Spurious Emission

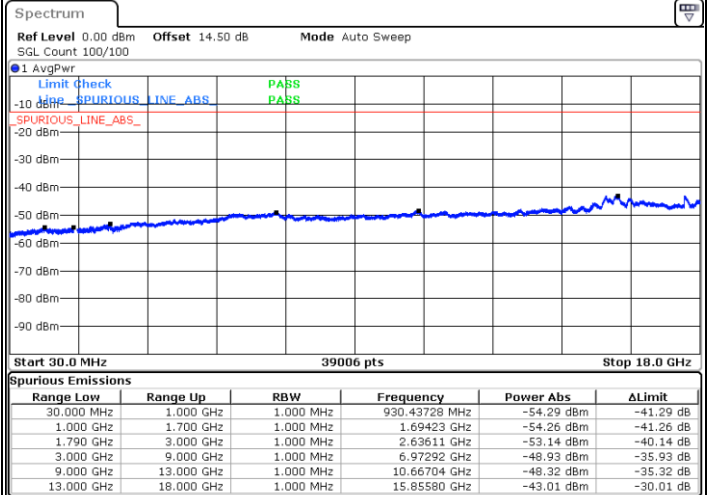
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



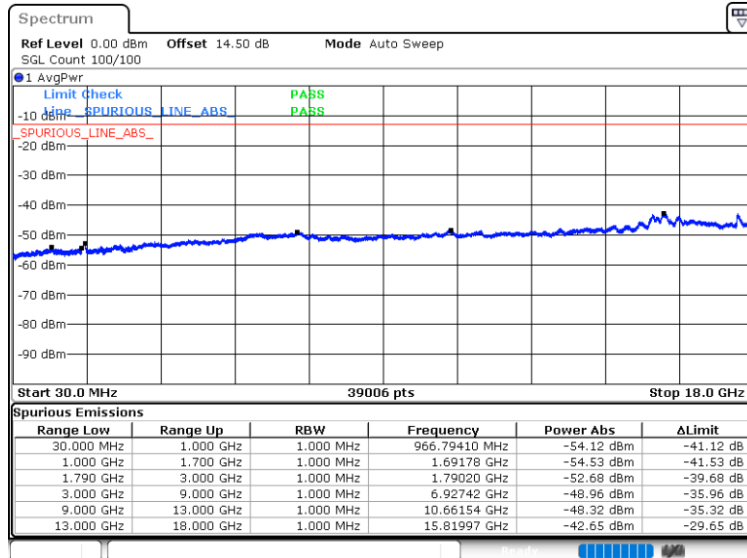
Date: 14.DEC.2023 21:12:12

Middle Channel / QPSK



Date: 14.DEC.2023 21:16:28

Highest Channel / QPSK



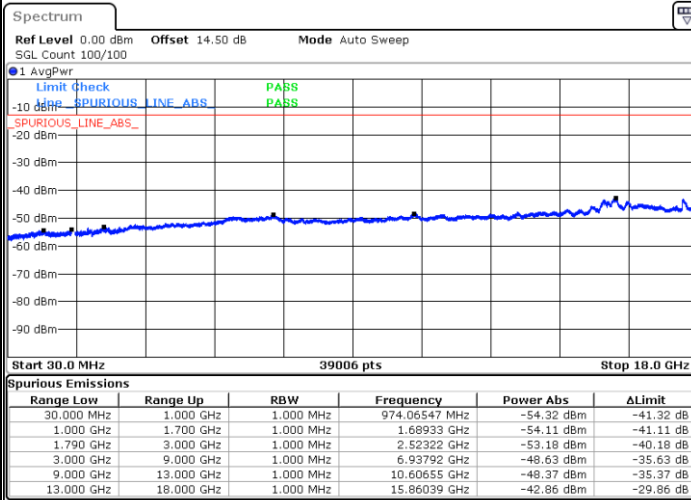
Date: 14.DEC.2023 21:22:12



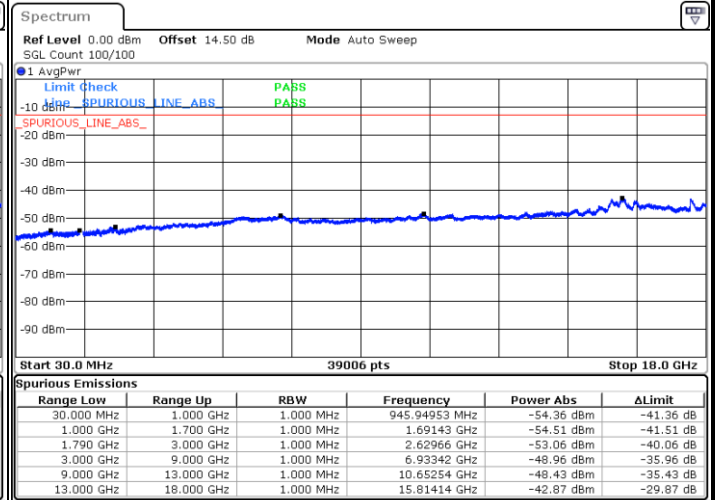
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

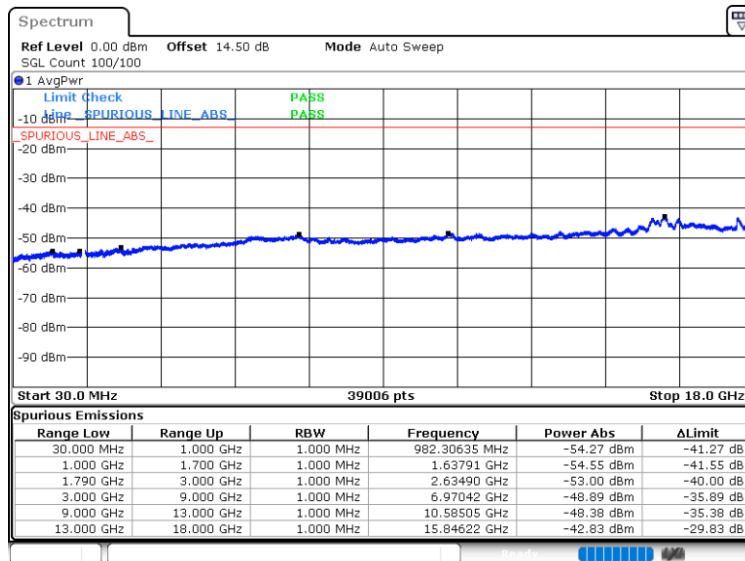


Date: 14.DEC.2023 21:29:34



Date: 14.DEC.2023 21:33:52

Highest Channel / QPSK

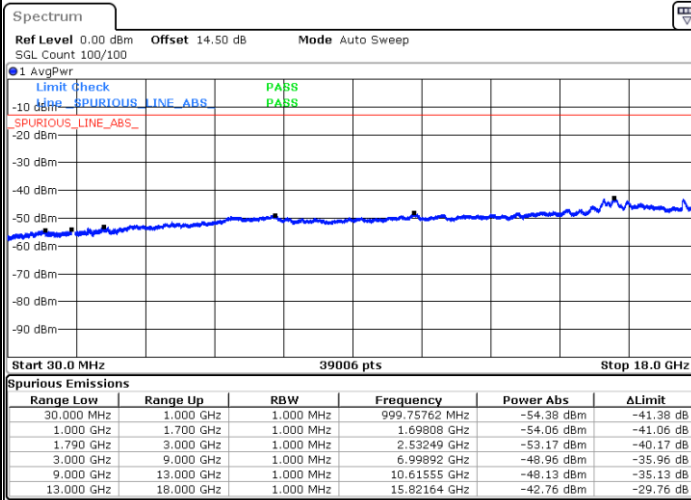


Date: 14.DEC.2023 21:43:23



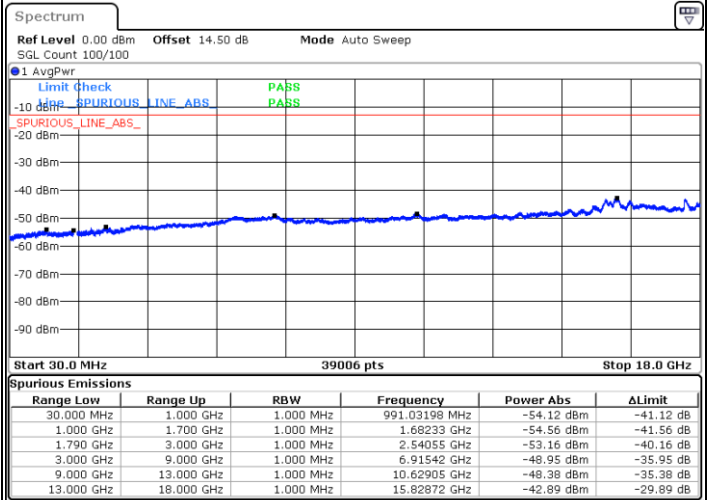
LTE Band 66 / 5MHz

Lowest Channel / QPSK



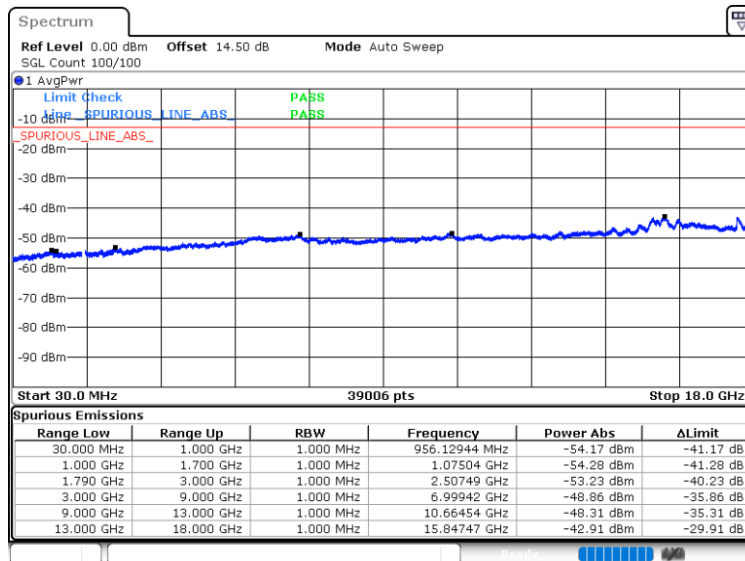
Date: 14.DEC.2023 21:47:37

Middle Channel / QPSK



Date: 14.DEC.2023 21:57:05

Highest Channel / QPSK

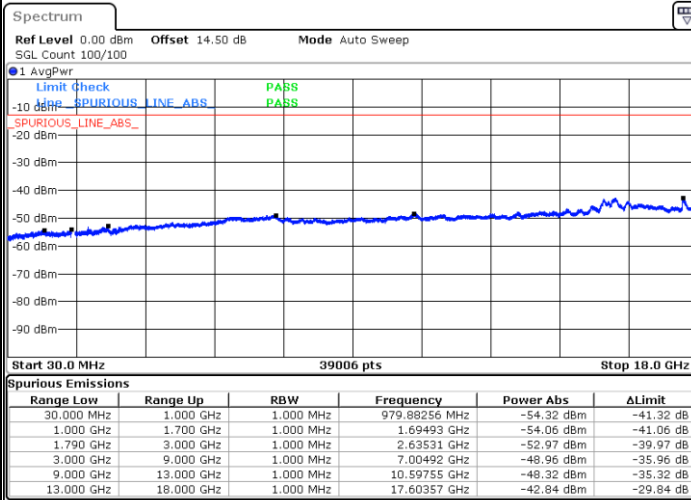


Date: 14.DEC.2023 22:08:41



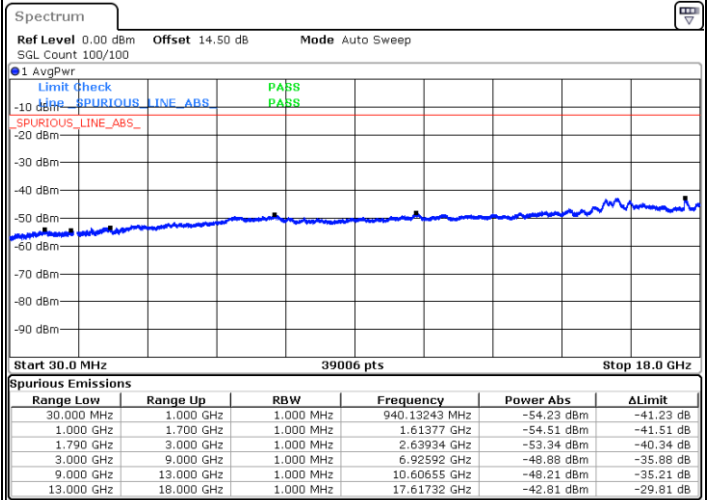
LTE Band 66 / 10MHz

Lowest Channel / QPSK



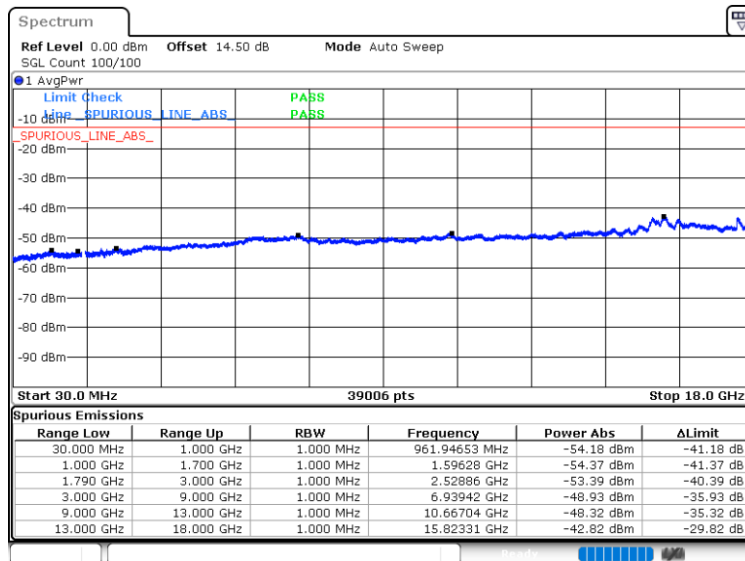
Date: 14.DEC.2023 22:16:50

Middle Channel / QPSK



Date: 14.DEC.2023 22:18:06

Highest Channel / QPSK

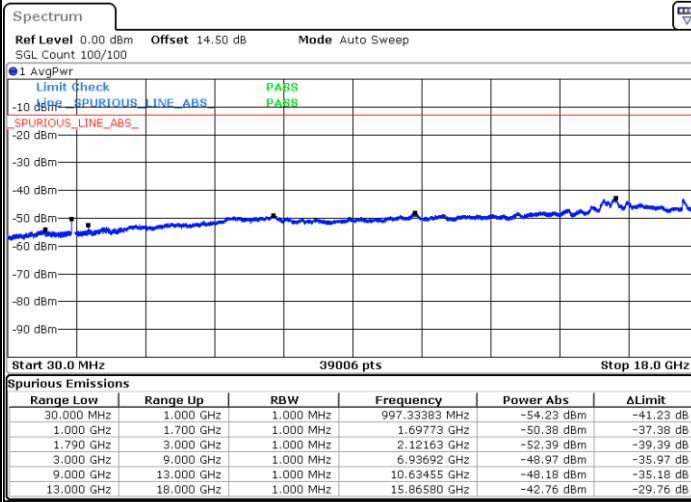


Date: 14.DEC.2023 22:33:35



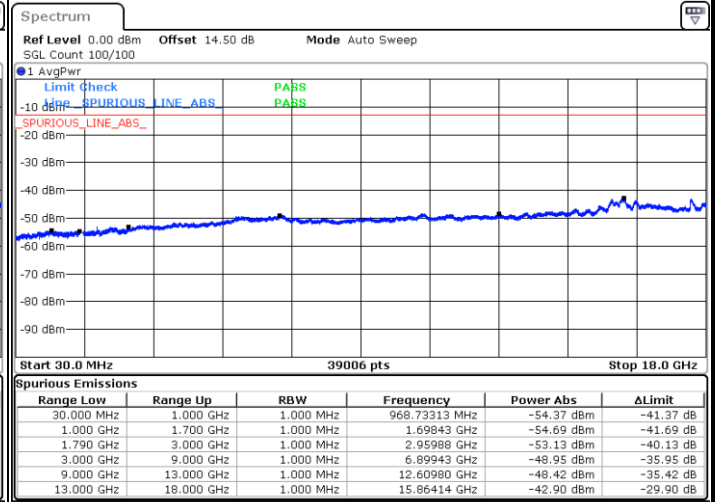
LTE Band 66 / 15MHz

Lowest Channel / QPSK



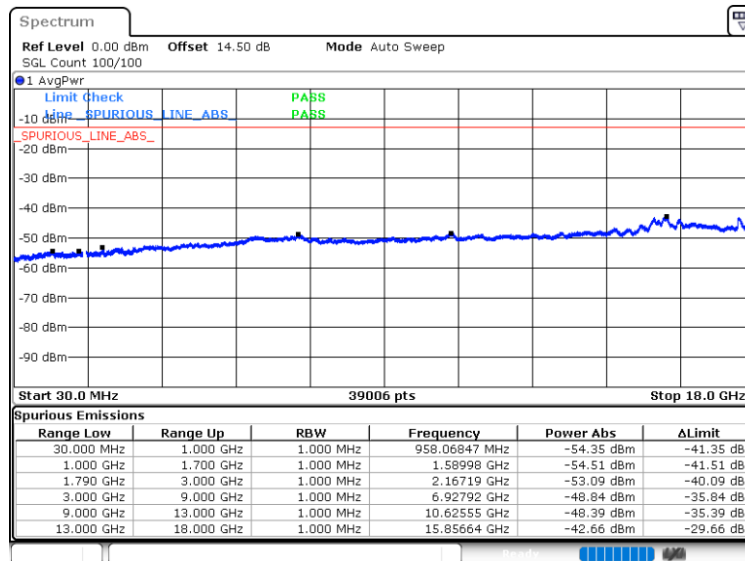
Date: 14.DEC.2023 22:40:48

Middle Channel / QPSK



Date: 14.DEC.2023 22:42:05

Highest Channel / QPSK

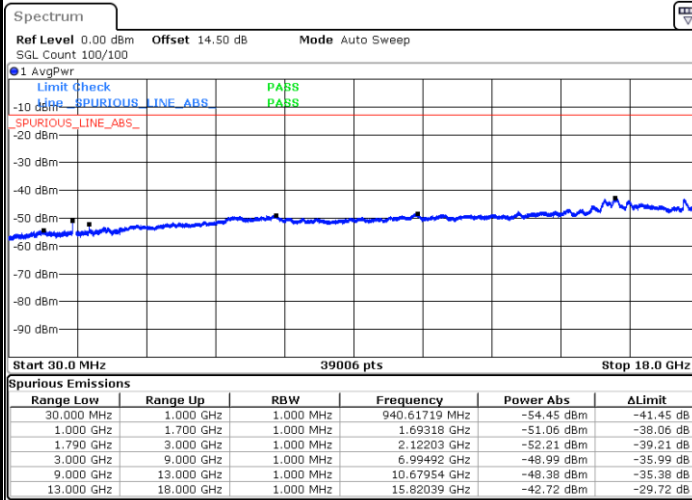


Date: 14.DEC.2023 22:52:46



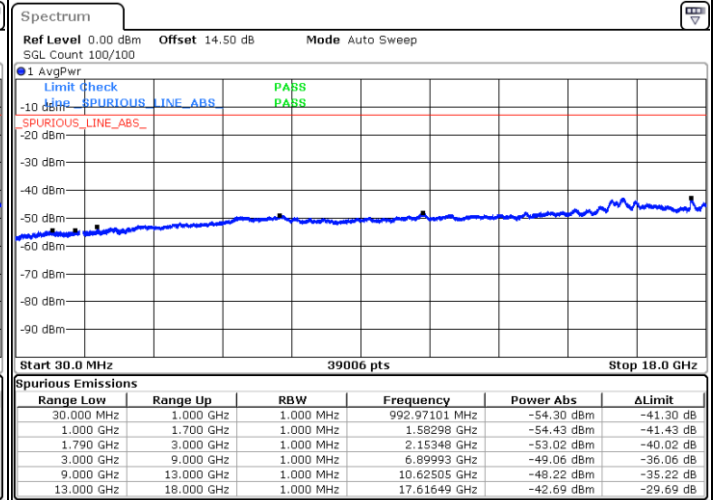
LTE Band 66 / 20MHz

Lowest Channel / QPSK



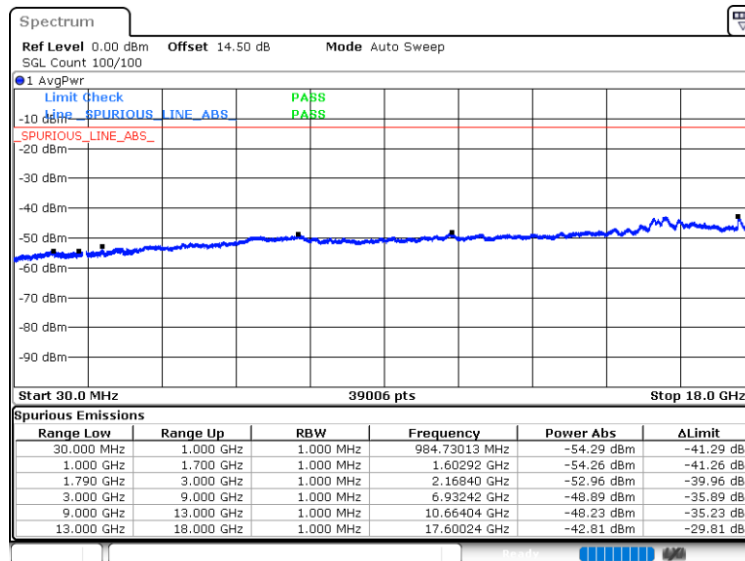
Date: 14.DEC.2023 23:00:05

Middle Channel / QPSK



Date: 14.DEC.2023 23:01:21

Highest Channel / QPSK



Date: 14.DEC.2023 23:11:53

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	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.6 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 :	Chris	Temperature :	23~25°C
		Relative Humidity :	41~42%

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

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)
Lowest	3705	-54.52	-13	-41.52	-66.78	2.641	14.90	H
	5550	-54.11	-13	-41.11	-65.97	2.94	14.80	H
	7410	-53.05	-13	-40.05	-62.82	3.39	13.16	H
	3705	-54.86	-13	-41.86	-67.12	2.64	14.90	V
	5550	-54.51	-13	-41.51	-66.37	2.94	14.80	V
	7410	-53.11	-13	-40.11	-62.88	3.39	13.16	V
Middle	3735	-55.61	-13	-42.61	-67.87	2.64	14.90	H
	5610	-53.78	-13	-40.78	-65.64	2.94	14.80	H
	7485	-52.63	-13	-39.63	-62.40	3.39	13.16	H
	3735	-55.68	-13	-42.68	-67.94	2.64	14.90	V
	5610	-54.49	-13	-41.49	-66.35	2.94	14.80	V
	7485	-52.76	-13	-39.76	-62.53	3.39	13.16	V
Highest	3795	-56.21	-13	-43.21	-68.47	2.64	14.90	H
	5685	-54.66	-13	-41.66	-66.52	2.94	14.80	H
	7590	-52.78	-13	-39.78	-62.55	3.39	13.16	H
	3795	-56.20	-13	-43.20	-68.46	2.64	14.90	V
	5685	-54.78	-13	-41.78	-66.64	2.94	14.80	V
	7590	-52.66	-13	-39.66	-62.43	3.39	13.16	V

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



LTE Band 26 / 15MHz / QPSK / ANT1								
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	-64.33	-13	-51.33	-71.30	1.58	10.70	H
	2472	-59.56	-13	-46.56	-67.81	2.102	12.50	H
	3296	-59.18	-13	-46.18	-68.07	2.856	13.90	H
	1648	-63.19	-13	-50.19	-70.16	1.58	10.70	V
	2472	-57.78	-13	-44.78	-66.03	2.10	12.50	V
	3296	-59.13	-13	-46.13	-68.02	2.86	13.90	V
Middle	1656	-63.44	-13	-50.44	-70.41	1.58	10.70	H
	2488	-59.40	-13	-46.40	-67.65	2.102	12.50	H
	3320	-58.86	-13	-45.86	-67.75	2.856	13.90	H
	1656	-62.69	-13	-49.69	-69.66	1.58	10.70	V
	2488	-57.51	-13	-44.51	-65.76	2.10	12.50	V
	3320	-59.15	-13	-46.15	-68.04	2.86	13.90	V
Highest	1672	-63.66	-13	-50.66	-70.63	1.58	10.70	H
	2504	-59.36	-13	-46.36	-67.61	2.102	12.50	H
	3336	-59.37	-13	-46.37	-68.26	2.856	13.90	H
	1672	-62.71	-13	-49.71	-69.68	1.58	10.70	V
	2504	-57.67	-13	-44.67	-65.92	2.10	12.50	V
	3336	-59.59	-13	-46.59	-68.48	2.86	13.90	V

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

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)
Lowest	3420	-57.25	-13	-44.25	-67.99	2.604	13.34	H
	5130	-54.05	-13	-41.05	-64.56	3.011	13.52	H
	6840	-54.19	-13	-41.19	-64.39	3.271	13.47	H
	3420	-57.53	-13	-44.53	-68.27	2.604	13.34	V
	5130	-53.94	-13	-40.94	-64.45	3.011	13.52	V
	6840	-54.24	-13	-41.24	-64.44	3.271	13.47	V
Middle	3465	-51.63	-13	-38.63	-62.37	2.604	13.34	H
	5205	-52.69	-13	-39.69	-63.20	3.011	13.52	H
	6945	-54.31	-13	-41.31	-64.51	3.271	13.47	H
	3465	-50.76	-13	-37.76	-61.50	2.604	13.34	V
	5205	-52.93	-13	-39.93	-63.44	3.011	13.52	V
	6945	-53.89	-13	-40.89	-64.09	3.271	13.47	V
Highest	3525	-50.77	-13	-37.77	-61.51	2.604	13.34	H
	5280	-53.21	-13	-40.21	-63.72	3.011	13.52	H
	7050	-54.07	-13	-41.07	-64.27	3.271	13.47	H
	3525	-53.96	-13	-40.96	-64.70	2.604	13.34	V
	5280	-52.93	-13	-39.93	-63.44	3.011	13.52	V
	7050	-54.13	-13	-41.13	-64.33	3.271	13.47	V

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