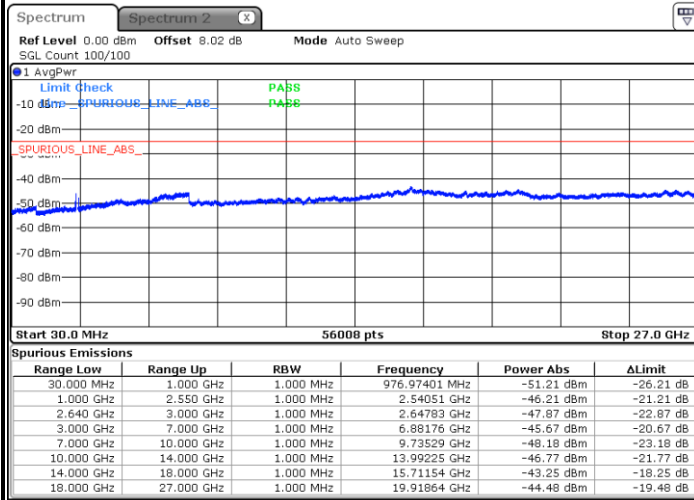




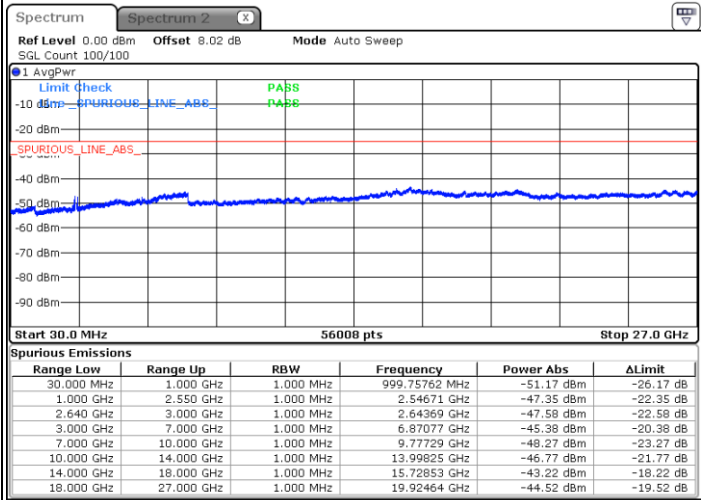
LTE Band 38 / 20MHz

Lowest Channel / QPSK



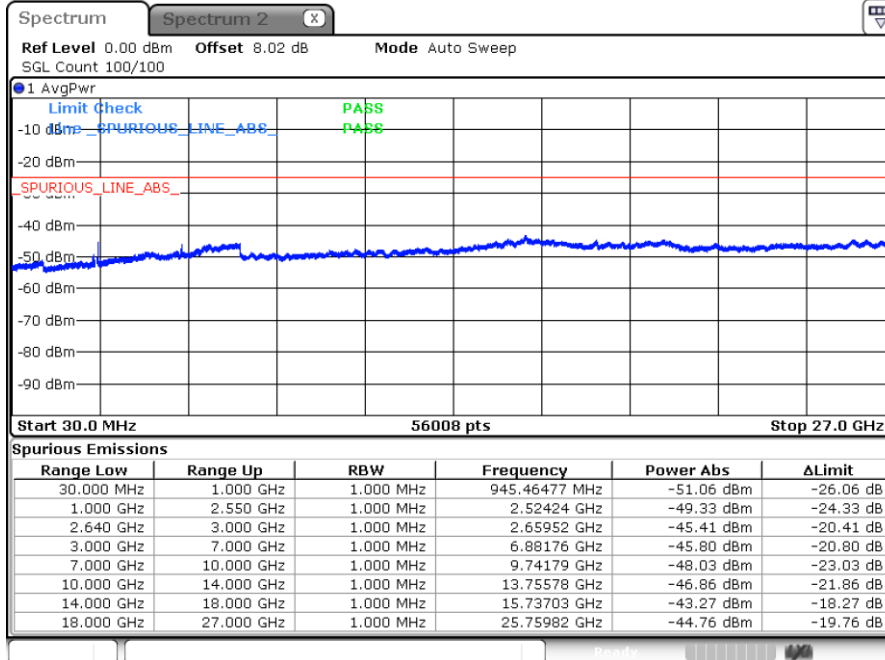
Date: 18.MAY.2026 04:27:46

Middle Channel / QPSK



Date: 18.MAY.2026 04:29:04

Highest Channel / QPSK



Date: 18.MAY.2026 04:30:22

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0058	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0045	
20	Normal Voltage	0.0042	
20	Minimum Voltage	0.0028	

Note:

1. Normal Voltage =3.8 V. ; Minimum Voltage =3.5V. ; Maximum Voltage =4.35V.
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 :	21~25°C
		Relative Humidity :	51~53%

LTE Band 2 / 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	-53.08	-13	-40.08	-65.34	2.64	14.90	H
	5550	-50.34	-13	-37.34	-62.20	2.94	14.80	H
	7410	-53.20	-13	-40.20	-62.97	3.39	13.16	H
	3705	-47.45	-13	-34.45	-59.71	2.64	14.90	V
	5550	-41.16	-13	-28.16	-53.02	2.94	14.80	V
	7410	-53.14	-13	-40.14	-62.91	3.39	13.16	V
Middle	3735	-53.62	-13	-40.62	-65.88	2.64	14.90	H
	5610	-48.26	-13	-35.26	-60.12	2.94	14.80	H
	7485	-52.51	-13	-39.51	-62.28	3.39	13.16	H
	3735	-48.66	-13	-35.66	-60.92	2.64	14.90	V
	5610	-43.28	-13	-30.28	-55.14	2.94	14.80	V
	7485	-52.52	-13	-39.52	-62.29	3.39	13.16	V
Highest	3780	-54.11	-13	-41.11	-66.37	2.64	14.90	H
	5670	-46.75	-13	-33.75	-58.61	2.94	14.80	H
	7560	-52.41	-13	-39.41	-62.18	3.39	13.16	H
	3780	-50.60	-13	-37.60	-62.86	2.64	14.90	V
	5670	-46.00	-13	-33.00	-57.86	2.94	14.80	V
	7560	-52.23	-13	-39.23	-62.00	3.39	13.16	V

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



LTE Band 4 / 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	-56.84	-13	-43.84	-67.58	2.604	13.34	H
	5130	-50.76	-13	-37.76	-61.27	3.011	13.52	H
	6840	-54.48	-13	-41.48	-64.68	3.271	13.47	H
	3420	-53.49	-13	-40.49	-64.23	2.604	13.34	V
	5130	-43.16	-13	-30.16	-53.67	3.011	13.52	V
	6840	-53.94	-13	-40.94	-64.14	3.271	13.47	V
Middle	3450	-56.74	-13	-43.74	-67.48	2.604	13.34	H
	5175	-52.38	-13	-39.38	-62.89	3.011	13.52	H
	6900	-54.63	-13	-41.63	-64.83	3.271	13.47	H
	3450	-52.46	-13	-39.46	-63.20	2.604	13.34	V
	5175	-46.33	-13	-33.33	-56.84	3.011	13.52	V
	6900	-54.42	-13	-41.42	-64.62	3.271	13.47	V
Highest	3465	-57.17	-13	-44.17	-67.91	2.604	13.34	H
	5205	-52.99	-13	-39.99	-63.50	3.011	13.52	H
	6945	-54.32	-13	-41.32	-64.52	3.271	13.47	H
	3465	-53.83	-13	-40.83	-64.57	2.604	13.34	V
	5205	-46.73	-13	-33.73	-57.24	3.011	13.52	V
	6945	-54.19	-13	-41.19	-64.39	3.271	13.47	V

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



LTE Band 5 / 10MHz / 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	1648	-48.61	-13	-35.61	-55.58	1.58	10.70	H
	2472	-58.90	-13	-45.90	-67.15	2.102	12.50	H
	3296	-57.70	-13	-44.70	-66.59	2.856	13.90	H
	1648	-50.77	-13	-37.77	-57.74	1.58	10.70	V
	2472	-53.97	-13	-40.97	-62.22	2.10	12.50	V
	3296	-57.63	-13	-44.63	-66.52	2.86	13.90	V
Middle	1664	-45.02	-13	-32.02	-51.99	1.58	10.70	H
	2496	-57.98	-13	-44.98	-66.23	2.102	12.50	H
	3328	-58.31	-13	-45.31	-67.20	2.856	13.90	H
	1664	-49.71	-13	-36.71	-56.68	1.58	10.70	V
	2496	-53.32	-13	-40.32	-61.57	2.10	12.50	V
	3328	-58.10	-13	-45.10	-66.99	2.86	13.90	V
Highest	1680	-46.70	-13	-33.70	-53.67	1.58	10.70	H
	2520	-58.62	-13	-45.62	-66.87	2.102	12.50	H
	3360	-58.19	-13	-45.19	-67.08	2.856	13.90	H
	1680	-50.36	-13	-37.36	-57.33	1.58	10.70	V
	2520	-53.84	-13	-40.84	-62.09	2.10	12.50	V
	3360	-58.05	-13	-45.05	-66.94	2.86	13.90	V

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



LTE Band 7 / 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	5008	-52.36	-25	-27.36	-62.57	3.03	13.24	H
	7500	-60.05	-25	-35.05	-69.50	3.56	13.01	H
	10006	-62.15	-25	-37.15	-71.67	3.92	13.44	H
	12512	-62.54	-25	-37.54	-72.46	4.44	14.36	H
	15004	-59.51	-25	-34.51	-69.88	4.77	15.14	H
	5008	-48.77	-25	-23.77	-58.98	3.03	13.24	V
	7500	-54.62	-25	-29.62	-64.07	3.56	13.01	V
	10006	-56.34	-25	-31.34	-65.86	3.92	13.44	V
	12512	-61.94	-25	-36.94	-71.86	4.44	14.36	V
	15004	-59.64	-25	-34.64	-70.01	4.77	15.14	V
Middle	5050	-50.23	-25	-25.23	-60.44	3.03	13.24	H
	7584	-59.72	-25	-34.72	-69.17	3.56	13.01	H
	10104	-58.32	-25	-33.32	-67.84	3.92	13.44	H
	12624	-59.39	-25	-34.39	-69.31	4.44	14.36	H
	15158	-59.97	-25	-34.97	-70.34	4.77	15.14	H
	5050	-47.02	-25	-22.02	-57.23	3.03	13.24	V
	7584	-52.32	-25	-27.32	-61.77	3.56	13.01	V
	10104	-50.17	-25	-25.17	-59.69	3.92	13.44	V
	12624	-57.92	-25	-32.92	-67.84	4.44	14.36	V
	15158	-59.81	-25	-34.81	-70.18	4.77	15.14	V
Highest	5106	-51.93	-25	-26.93	-62.14	3.03	13.24	H
	7654	-62.20	-25	-37.20	-71.65	3.56	13.01	H
	10202	-59.29	-25	-34.29	-68.81	3.92	13.44	H
	12750	-61.09	-25	-36.09	-71.01	4.44	14.36	H
	15312	-59.82	-25	-34.82	-70.19	4.77	15.14	H
	5106	-49.61	-25	-24.61	-59.82	3.03	13.24	V
	7654	-56.33	-25	-31.33	-65.78	3.56	13.01	V
	10202	-52.78	-25	-27.78	-62.30	3.92	13.44	V
	12750	-59.41	-25	-34.41	-69.33	4.44	14.36	V
	15312	-59.73	-25	-34.73	-70.10	4.77	15.14	V

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



LTE Band 38 / 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	5148	-46.76	-25	-21.76	-56.97	3.03	13.24	H
	7710	-55.41	-25	-30.41	-64.86	3.56	13.01	H
	10286	-49.78	-25	-24.78	-59.30	3.92	13.44	H
	12862	-54.89	-25	-29.89	-65.26	4.77	15.14	H
	15424	-57.70	-25	-32.70	-68.58	4.86	15.74	H
	5148	-43.57	-25	-18.57	-53.78	3.03	13.24	V
	7710	-47.91	-25	-22.91	-57.36	3.56	13.01	V
	10286	-42.52	-25	-17.52	-52.04	3.92	13.44	V
	12848	-53.40	-25	-28.40	-63.77	4.77	15.14	V
	15424	-57.59	-25	-32.59	-68.47	4.86	15.74	V
Middle	5176	-45.64	-25	-20.64	-55.85	3.03	13.24	H
	7752	-56.73	-25	-31.73	-66.18	3.56	13.01	H
	10342	-50.57	-25	-25.57	-60.09	3.92	13.44	H
	12932	-54.00	-25	-29.00	-64.37	4.77	15.14	H
	15522	-58.20	-25	-33.20	-69.08	4.86	15.74	H
	5176	-41.82	-25	-16.82	-52.03	3.03	13.24	V
	7752	-47.04	-25	-22.04	-56.49	3.56	13.01	V
	10342	-43.16	-25	-18.16	-52.68	3.92	13.44	V
	12932	-53.22	-25	-28.22	-63.59	4.77	15.14	V
	15522	-57.38	-25	-32.38	-68.26	4.86	15.74	V
Highest	5204	-42.22	-25	-17.22	-52.43	3.03	13.24	H
	7808	-55.16	-25	-30.16	-64.61	3.56	13.01	H
	10398	-48.82	-25	-23.82	-58.34	3.92	13.44	H
	13002	-51.51	-25	-26.51	-61.88	4.77	15.14	H
	15606	-57.25	-25	-32.25	-68.13	4.86	15.74	H
	5204	-40.12	-25	-15.12	-50.33	3.03	13.24	V
	7808	-47.53	-25	-22.53	-56.98	3.56	13.01	V
	10398	-40.96	-25	-15.96	-50.48	3.92	13.44	V
	13002	-53.32	-25	-28.32	-63.69	4.77	15.14	V
	15606	-57.42	-25	-32.42	-68.30	4.86	15.74	V

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