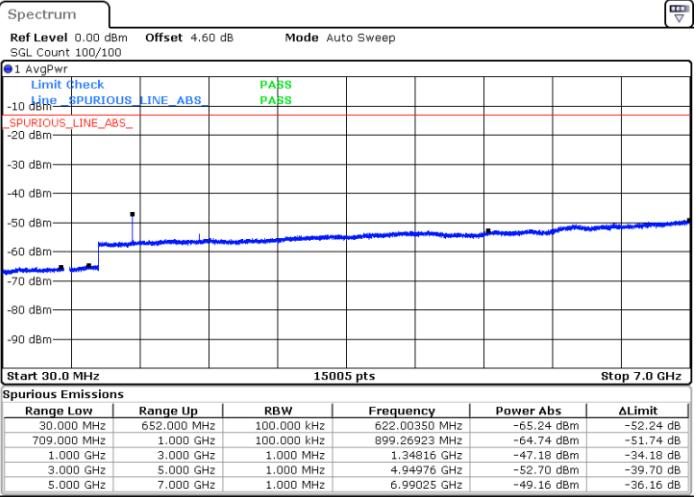
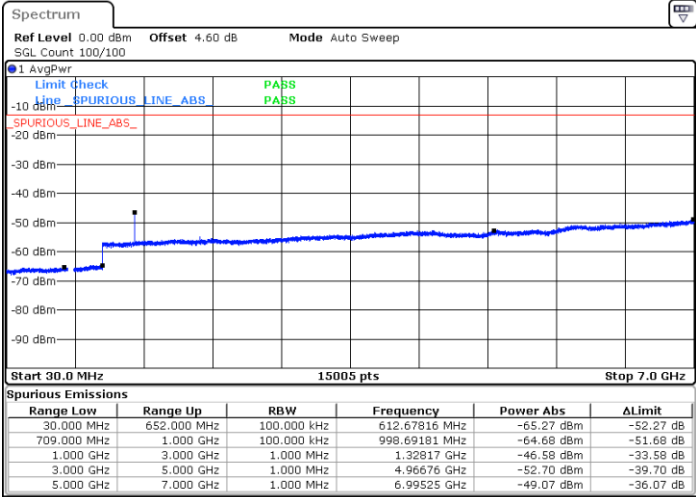




LTE Band 71 / 15MHz

Lowest Channel / QPSK

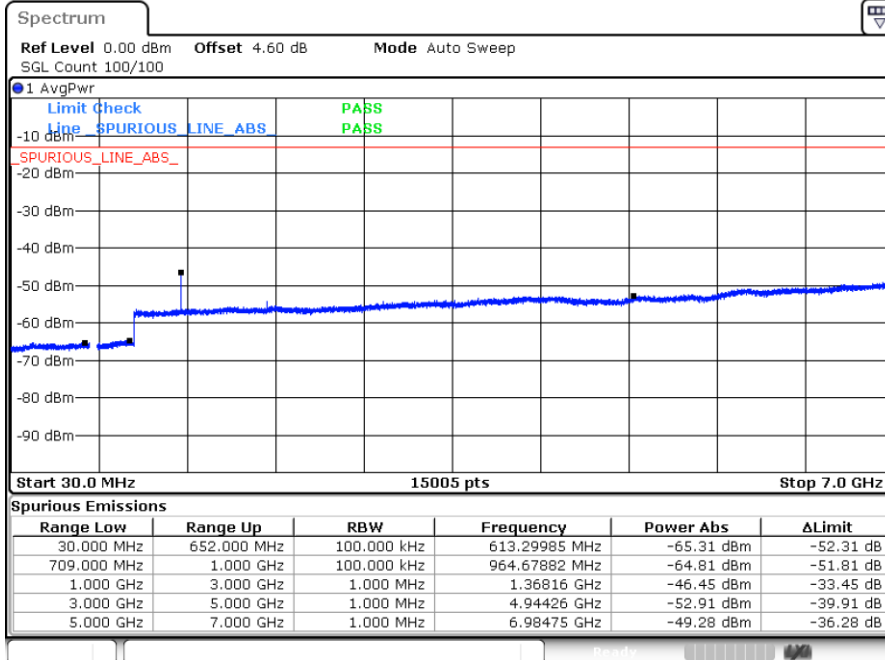
Middle Channel / QPSK



Date: 26.NOV.2021 00:05:32

Date: 26.NOV.2021 00:08:28

Highest Channel / QPSK



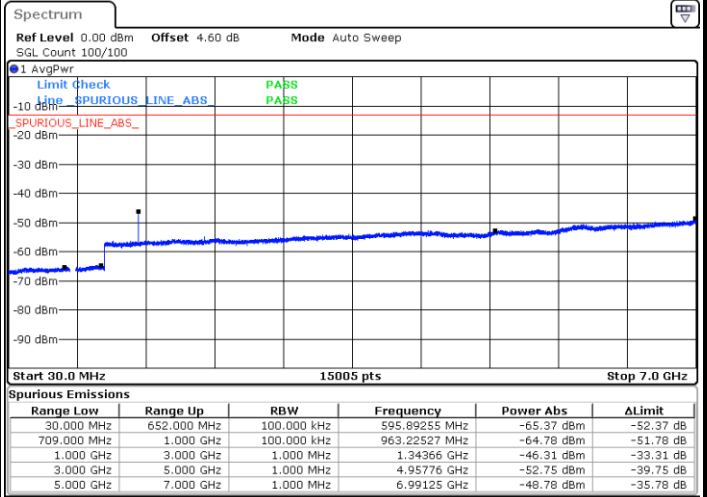
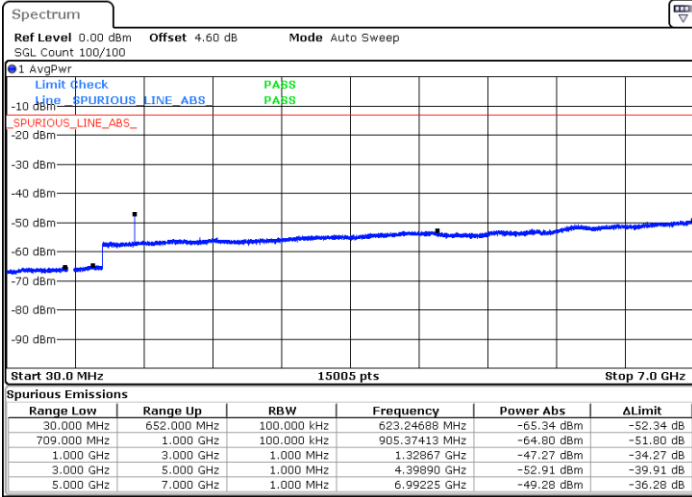
Date: 26.NOV.2021 00:11:23



LTE Band 71 / 20MHz

Lowest Channel / QPSK

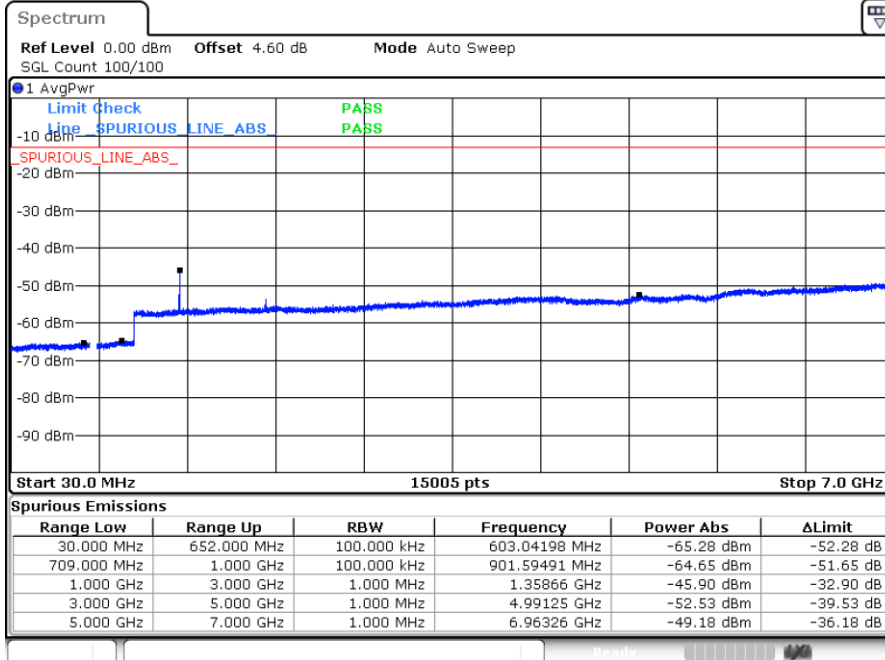
Middle Channel / QPSK



Date: 26.NOV.2021 00:02:36

Date: 25.NOV.2021 23:59:40

Highest Channel / QPSK



Date: 25.NOV.2021 23:56:45



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi Zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

LTE Band 17 / 10MHz / QPSK for Ant.0								
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	1408	-56.97	-13	-43.97	-63.94	1.58	10.70	H
	2112	-59.98	-13	-46.98	-68.23	2.102	12.50	H
	2816	-56.43	-13	-43.43	-65.32	2.856	13.90	H
	1408	-58.79	-13	-45.79	-65.76	1.58	10.70	V
	2112	-58.57	-13	-45.57	-66.82	2.10	12.50	V
	2818	-58.77	-13	-45.77	-67.66	2.86	13.90	V
Middle	1416	-63.79	-13	-50.79	-70.76	1.58	10.70	H
	2120	-60.69	-13	-47.69	-68.94	2.102	12.50	H
	2824	-60.62	-13	-47.62	-69.51	2.856	13.90	H
	1416	-66.09	-13	-53.09	-73.06	1.58	10.70	V
	2120	-59.88	-13	-46.88	-68.13	2.10	12.50	V
	2824	-60.37	-13	-47.37	-69.26	2.86	13.90	V
Highest	1416	-63.84	-13	-50.84	-70.81	1.58	10.70	H
	2119	-60.93	-13	-47.93	-69.18	2.102	12.50	H
	2824	-59.55	-13	-46.55	-68.44	2.856	13.90	H
	1416	-65.86	-13	-52.86	-72.83	1.58	10.70	V
	2119	-60.17	-13	-47.17	-68.42	2.10	12.50	V
	2826	-59.12	-13	-46.12	-68.01	2.86	13.90	V



LTE Band 25 / 20MHz / 256QAM for Ant.0								
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	3702	-56.64	-13	-43.64	-68.90	2.64	14.90	H
	5553	-54.45	-13	-41.45	-66.31	2.94	14.80	H
	7404	-52.22	-13	-39.22	-61.99	3.39	13.16	H
	3702	-56.80	-13	-43.80	-69.06	2.64	14.90	V
	5553	-54.50	-13	-41.50	-66.36	2.94	14.80	V
	7404	-52.30	-13	-39.30	-62.07	3.39	13.16	V
Middle	3750	-57.70	-13	-44.70	-69.96	2.64	14.90	H
	5625	-57.42	-13	-44.42	-69.28	2.94	14.80	H
	7500	-54.76	-13	-41.76	-64.53	3.39	13.16	H
	3750	-57.55	-13	-44.55	-69.81	2.64	14.90	V
	5625	-58.07	-13	-45.07	-69.93	2.94	14.80	V
	7500	-55.11	-13	-42.11	-64.88	3.39	13.16	V
Highest	3792	-56.53	-13	-43.53	-68.79	2.64	14.90	H
	5688	-55.18	-13	-42.18	-67.04	2.94	14.80	H
	7584	-51.91	-13	-38.91	-61.68	3.39	13.16	H
	3792	-56.83	-13	-43.83	-69.09	2.64	14.90	V
	5688	-54.92	-13	-41.92	-66.78	2.94	14.80	V
	7584	-51.93	-13	-38.93	-61.70	3.39	13.16	V

LTE Band 26 / 15MHz / 16QAM for Ant.0								
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	1632	-62.53	-13	-49.53	-69.50	1.58	10.70	H
	2444	-60.56	-13	-47.56	-68.81	2.102	12.50	H
	3259	-59.14	-13	-46.14	-68.03	2.856	13.90	H
	1629	-61.54	-13	-48.54	-68.51	1.58	10.70	V
	2444	-59.06	-13	-46.06	-67.31	2.10	12.50	V
	3256	-59.26	-13	-46.26	-68.15	2.86	13.90	V
Middle	1648	-66.35	-13	-53.35	-73.32	1.58	10.70	H
	2472	-63.01	-13	-50.01	-71.26	2.102	12.50	H
	3296	-60.89	-13	-47.89	-69.78	2.856	13.90	H
	1648	-65.07	-13	-52.07	-72.04	1.58	10.70	V
	2472	-61.12	-13	-48.12	-69.37	2.10	12.50	V
	3296	-60.85	-13	-47.85	-69.74	2.86	13.90	V
Highest	1669	-63.73	-13	-50.73	-70.70	1.58	10.70	H
	2504	-59.71	-13	-46.71	-67.96	2.102	12.50	H
	3336	-59.93	-13	-46.93	-68.82	2.856	13.90	H
	1672	-60.89	-13	-47.89	-67.86	1.58	10.70	V
	2504	-58.68	-13	-45.68	-66.93	2.10	12.50	V
	3339	-60.04	-13	-47.04	-68.93	2.86	13.90	V



LTE Band 41 / 20MHz / 64QAM for Ant.0								
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	4994	-43.89	-25	-18.89	-54.10	3.03	13.24	H
	7486	-57.32	-25	-32.32	-66.77	3.56	13.01	H
	9992	-62.82	-25	-37.82	-72.34	3.92	13.44	H
	4994	-41.73	-25	-16.73	-51.94	3.03	13.24	V
	7486	-57.65	-25	-32.65	-67.10	3.56	13.01	V
	9992	-63.26	-25	-38.26	-72.78	3.92	13.44	V
Middle	5162	-59.23	-25	-34.23	-69.44	3.03	13.24	H
	7752	-60.24	-25	-35.24	-69.69	3.56	13.01	H
	10342	-61.66	-25	-36.66	-71.18	3.92	13.44	H
	5162	-56.40	-25	-31.40	-66.61	3.03	13.24	V
	7752	-55.94	-25	-30.94	-65.39	3.56	13.01	V
	10342	-62.20	-25	-37.20	-71.72	3.92	13.44	V
Highest	5344	-60.50	-25	-35.50	-70.71	3.03	13.24	H
	8018	-60.46	-25	-35.46	-69.91	3.56	13.01	H
	10678	-61.57	-25	-36.57	-71.09	3.92	13.44	H
	5344	-60.41	-25	-35.41	-70.62	3.03	13.24	V
	8018	-55.76	-25	-30.76	-65.21	3.56	13.01	V
	10678	-61.62	-25	-36.62	-71.14	3.92	13.44	V

LTE Band 71 / 20MHz / QPSK for Ant.0								
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	1328	-66.50	-13	-53.50	-68.25	1.02	4.92	H
	1992	-59.26	-13	-46.26	-61.23	1.27	5.39	H
	2656	-58.75	-13	-45.75	-61.68	1.49	6.57	H
	1328	-65.99	-13	-52.99	-67.74	1.02	4.92	V
	1992	-60.42	-13	-47.42	-62.39	1.27	5.39	V
	2656	-58.28	-13	-45.28	-61.21	1.49	6.57	V
Middle	1344	-68.98	-13	-55.98	-70.73	1.02	4.92	H
	2016	-64.23	-13	-51.23	-66.20	1.27	5.39	H
	2688	-62.10	-13	-49.10	-65.03	1.49	6.57	H
	3360	-60.85	-13	-47.85	-64.25	1.73	7.28	H
	1344	-68.91	-13	-55.91	-70.66	1.02	4.92	V
	2016	-63.15	-13	-50.15	-65.12	1.27	5.39	V
	2688	-61.57	-13	-48.57	-64.50	1.49	6.57	V
	3360	-60.71	-13	-47.71	-64.11	1.73	7.28	V
Highest	1360	-66.64	-13	-53.64	-68.39	1.02	4.92	H
	2037	-59.87	-13	-46.87	-61.84	1.27	5.39	H
	2716	-58.63	-13	-45.63	-61.56	1.49	6.57	H
	1358	-65.81	-13	-52.81	-67.56	1.02	4.92	V
	2037	-60.69	-13	-47.69	-62.66	1.27	5.39	V
	2712	-58.05	-13	-45.05	-60.98	1.49	6.57	V



LTE Band 41C_CA / 20MHz+20MHz / QPSK for Ant.0								
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	4992	-64.37	-25	-39.37	-74.58	3.03	13.24	H
	7492	-62.99	-25	-37.99	-72.44	3.56	13.01	H
	9990	-63.34	-25	-38.34	-72.86	3.92	13.44	H
	4992	-64.66	-25	-39.66	-74.87	3.03	13.24	V
	7492	-63.67	-25	-38.67	-73.12	3.56	13.01	V
	9990	-64.67	-25	-39.67	-74.19	3.92	13.44	V
Middle	5148	-64.75	-25	-39.75	-74.96	3.03	13.24	H
	7724	-46.83	-25	-21.83	-56.28	3.56	13.01	H
	10300	-62.62	-25	-37.62	-72.14	3.92	13.44	H
	5148	-64.71	-25	-39.71	-74.92	3.03	13.24	V
	7724	-43.22	-25	-18.22	-52.67	3.56	13.01	V
	10300	-62.89	-25	-37.89	-72.41	3.92	13.44	V
Highest	5304	-66.02	-25	-41.02	-76.23	3.03	13.24	H
	7956	-59.19	-25	-34.19	-68.64	3.56	13.01	H
	10650	-62.02	-25	-37.02	-71.54	3.92	13.44	H
	5304	-66.74	-25	-41.74	-76.95	3.03	13.24	V
	7956	-61.17	-25	-36.17	-70.62	3.56	13.01	V
	10650	-62.13	-25	-37.13	-71.65	3.92	13.44	V

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