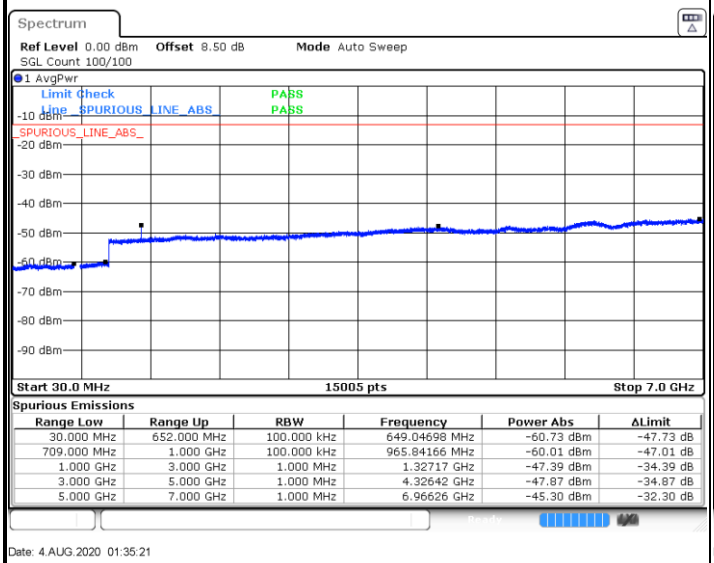
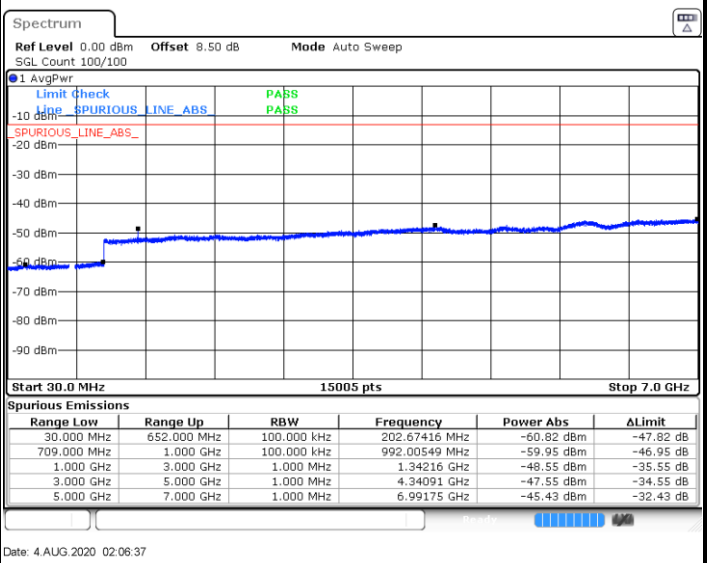
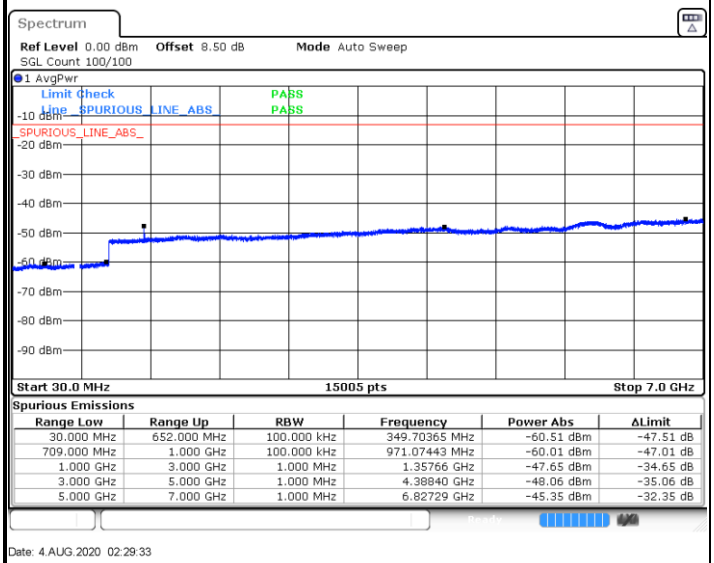
FR1 n71 / 20MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB0	**Middle Channel / 1RB0**
	
Highest Channel / 1RB0	
	

Frequency Stability

Test Conditions		FR1 n71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0004	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.135 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_SA mode

Antenna 2

5G NR n7 / 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	5001	-66.56	-13	-53.56	-76.77	3.03	13.24	H
	7503	-61.48	-13	-48.48	-70.93	3.56	13.01	H
	10004.36	-58.76	-13	-45.76	-68.28	3.92	13.44	H
	5001	-61.72	-13	-48.72	-71.93	3.03	13.24	V
	7503.27	-60.96	-13	-47.96	-70.41	3.56	13.01	V
	10004.36	-57.75	-13	-44.75	-67.27	3.92	13.44	V
Middle	5052	-67.04	-13	-54.04	-77.25	3.03	13.24	H
	7578	-61.15	-13	-48.15	-70.60	3.56	13.01	H
	10104.36	-58.26	-13	-45.26	-67.78	3.92	13.44	H
	5052	-65.85	-13	-52.85	-76.06	3.03	13.24	V
	7578	-61.00	-13	-48.00	-70.45	3.56	13.01	V
	10104.36	-57.96	-13	-44.96	-67.48	3.92	13.44	V
Highest	5102	-65.52	-13	-52.52	-75.73	3.03	13.24	H
	7653	-60.91	-13	-47.91	-70.36	3.56	13.01	H
	10204	-58.33	-13	-45.33	-67.85	3.92	13.44	H
	5103	-62.49	-13	-49.49	-72.70	3.03	13.24	V
	7653	-60.61	-13	-47.61	-70.06	3.56	13.01	V
	10204.36	-58.62	-13	-45.62	-68.14	3.92	13.44	V

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

5G NR n41 / 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	5002	-66.67	-13	-53.67	-76.88	3.03	13.24	H
	7504	-61.14	-13	-48.14	-70.59	3.56	13.01	H
	10000	-58.05	-13	-45.05	-67.57	3.92	13.44	H
	5002.2	-66.77	-13	-53.77	-76.98	3.03	13.24	V
	7504	-60.72	-13	-47.72	-70.17	3.56	13.01	V
	10000	-58.09	-13	-45.09	-67.61	3.92	13.44	V
Middle	5096	-66.85	-13	-53.85	-77.06	3.03	13.24	H
	7644	-60.29	-13	-47.29	-69.74	3.56	13.01	H
	10190	-57.59	-13	-44.59	-67.11	3.92	13.44	H
	5096	-66.61	-13	-53.61	-76.82	3.03	13.24	V
	7644	-60.25	-13	-47.25	-69.70	3.56	13.01	V
	10190	-57.99	-13	-44.99	-67.51	3.92	13.44	V
Highest	7410	-60.51	-13	-47.51	-70.72	3.03	13.24	H
	11118	-56.26	-13	-43.26	-65.71	3.56	13.01	H
	14820	-53.79	-13	-40.79	-63.31	3.92	13.44	H
	7410	-60.13	-13	-47.13	-70.34	3.03	13.24	V
	11118	-56.19	-13	-43.19	-65.64	3.56	13.01	V
	14820	-52.50	-13	-39.50	-62.02	3.92	13.44	V

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

Antenna 1

5G NR n66 / 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	3423	-60.54	-13	-47.54	-71.28	2.604	13.34	H
	5133	-53.66	-13	-40.66	-64.17	3.011	13.52	H
	6844	-51.15	-13	-38.15	-61.35	3.271	13.47	H
	3423	-60.37	-13	-47.37	-71.11	2.604	13.34	V
	5133	-54.20	-13	-41.20	-64.71	3.011	13.52	V
	6844	-51.25	-13	-38.25	-61.45	3.271	13.47	V
Middle	3471	-60.17	-13	-47.17	-70.91	2.604	13.34	H
	5208	-54.44	-13	-41.44	-64.95	3.011	13.52	H
	6948	-50.95	-13	-37.95	-61.15	3.271	13.47	H
	3471	-60.25	-13	-47.25	-70.99	2.604	13.34	V
	5208	-54.68	-13	-41.68	-65.19	3.011	13.52	V
	6948	-50.50	-13	-37.50	-60.70	3.271	13.47	V
Highest	3522	-59.27	-13	-46.27	-70.01	2.604	13.34	H
	5283	-55.23	-13	-42.23	-65.74	3.011	13.52	H
	7044	-50.57	-13	-37.57	-60.77	3.271	13.47	H
	3522	-58.82	-13	-45.82	-69.56	2.604	13.34	V
	5283	-55.54	-13	-42.54	-66.05	3.011	13.52	V
	7044	-50.38	-13	-37.38	-60.58	3.271	13.47	V

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

5G NR n71 / 20MHz / 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	1328	-62.88	-13	-49.88	-64.63	1.02	4.92	H
	1992	-63.70	-13	-50.70	-65.67	1.27	5.39	H
	2656	-62.30	-13	-49.30	-65.23	1.49	6.57	H
	1328	-61.13	-13	-48.13	-62.88	1.02	4.92	V
	1992	-63.88	-13	-50.88	-65.85	1.27	5.39	V
	2656	-62.16	-13	-49.16	-65.09	1.49	6.57	V
Middle	1342	-61.82	-13	-48.82	-63.57	1.02	4.92	H
	2014	-56.06	-13	-43.06	-58.03	1.27	5.39	H
	2686	-61.94	-13	-48.94	-64.87	1.49	6.57	H
	1342	-59.83	-13	-46.83	-61.58	1.02	4.92	V
	2014	-54.58	-13	-41.58	-56.55	1.27	5.39	V
	2686	-61.84	-13	-48.84	-64.77	1.49	6.57	V
Highest	1358	-63.28	-13	-50.28	-65.03	1.02	4.92	H
	2036	-49.50	-13	-36.50	-51.47	1.27	5.39	H
	2716	-62.09	-13	-49.09	-65.02	1.49	6.57	H
	1358	-60.25	-13	-47.25	-62.00	1.02	4.92	V
	2036	-49.28	-13	-36.28	-51.25	1.27	5.39	V
	2716	-61.67	-13	-48.67	-64.60	1.49	6.57	V

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