

## **APPENDIX B – TEST DATA OF RADIATED EMISSION**

### **Radiated Spurious Emissions**

LTE band 2

Test result:

Channel 18700

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.55	-48.81	-13	Vertical
2778.91	-47.31	-13	Vertical
3727.99	-40.35	-13	Vertical
6677.29	-39.78	-13	Vertical
9961.61	-37.08	-13	Vertical
17820.62	-33.87	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.69	-48.73	-13	Vertical
2778.57	-47.57	-13	Vertical
3726.53	-40.81	-13	Vertical
6677.78	-39.32	-13	Vertical
9962.89	-37.48	-13	Vertical
17821.09	-34.38	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.04	-48.70	-13	Vertical
2778.58	-47.20	-13	Vertical
3726.09	-40.46	-13	Vertical
6675.48	-39.60	-13	Vertical
9959.77	-36.88	-13	Vertical
17819.07	-34.10	-13	Vertical

LTE band 4  
Test result:  
Channel 20050

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.27	-48.89	-13	Vertical
2778.21	-47.42	-13	Vertical
3725.91	-41.26	-13	Vertical
6678.18	-39.34	-13	Vertical
9959.85	-37.01	-13	Vertical
17819.20	-33.80	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.94	-48.56	-13	Vertical
2781.57	-47.06	-13	Vertical
3727.70	-41.26	-13	Vertical
6678.65	-39.50	-13	Vertical
9962.47	-37.22	-13	Vertical
17820.08	-33.66	-13	Vertical

Channel 20300

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.05	-48.60	-13	Vertical
2779.85	-47.87	-13	Vertical
3727.00	-40.93	-13	Vertical
6678.64	-40.09	-13	Vertical
9961.38	-36.95	-13	Vertical
17820.44	-33.87	-13	Vertical

LTE band 5  
Test result:  
Channel 20450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.76	-53.22	-13	Vertical
1666.60	-51.72	-13	Vertical
2534.06	-43.84	-13	Vertical
2578.97	-43.69	-13	Vertical
8960.81	-39.16	-13	Vertical
9973.19	-36.28	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.31	-52.52	-13	Vertical
1666.74	-51.50	-13	Vertical
2533.73	-44.32	-13	Vertical
2577.13	-44.38	-13	Vertical
8963.47	-39.27	-13	Vertical
9971.65	-36.11	-13	Vertical

Channel 20600

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.03	-53.27	-13	Vertical
1668.58	-51.32	-13	Vertical
2535.38	-44.33	-13	Vertical
2576.38	-44.45	-13	Vertical
8963.57	-39.85	-13	Vertical
9969.97	-35.99	-13	Vertical

LTE band 12  
Test result:  
Channel 23060

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.57	-53.45	-13	Vertical
1668.75	-51.16	-13	Vertical
2534.57	-44.35	-13	Vertical
2575.51	-44.16	-13	Vertical
8962.91	-39.13	-13	Vertical
9972.07	-35.88	-13	Vertical

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.21	-53.48	-13	Vertical
1668.35	-50.97	-13	Vertical
2533.63	-44.73	-13	Vertical
2577.77	-44.57	-13	Vertical
8963.25	-39.93	-13	Vertical
9969.71	-36.80	-13	Vertical

Channel 23130

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.00	-53.45	-13	Vertical
1666.11	-51.12	-13	Vertical
2533.23	-44.03	-13	Vertical
2578.25	-44.37	-13	Vertical
8963.41	-39.60	-13	Vertical
9973.60	-36.48	-13	Vertical

LTE band 13

Test result:

Channel 23205

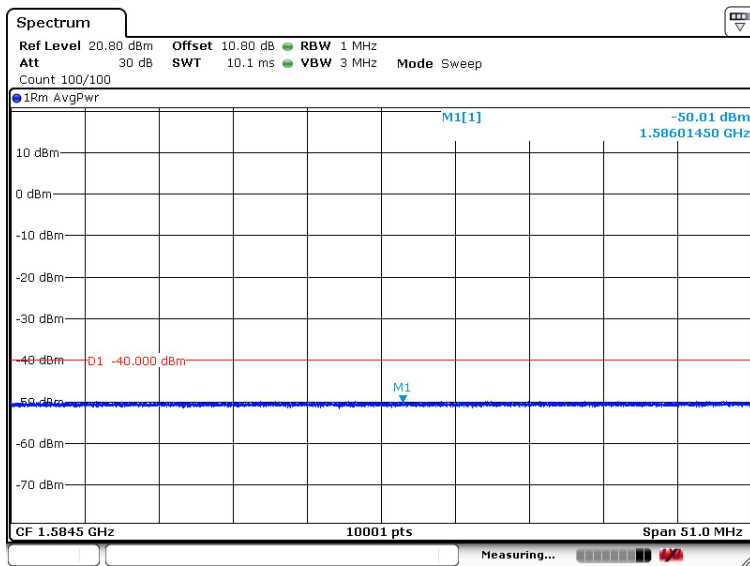
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.42	-53.48	-13	Vertical
1667.36	-51.25	-13	Vertical
2536.30	-44.30	-13	Vertical
2575.91	-43.77	-13	Vertical
8963.77	-39.74	-13	Vertical
9973.18	-36.39	-13	Vertical

Channel 23230

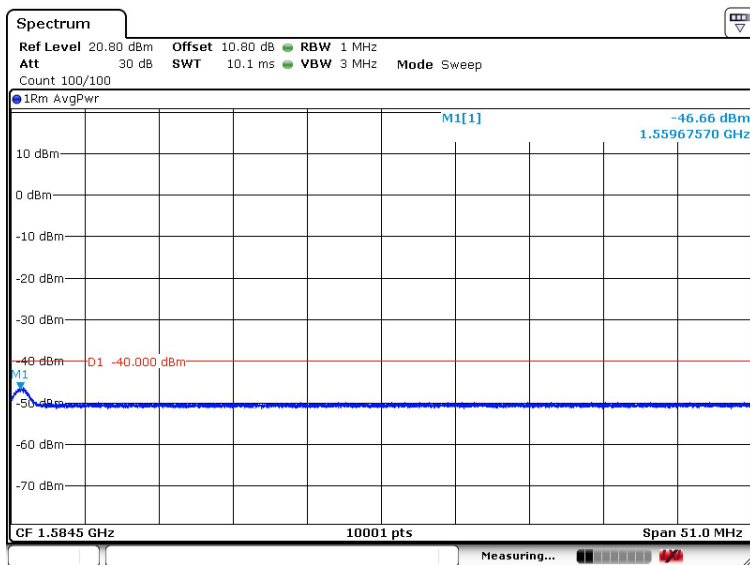
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.02	-52.86	-13	Vertical
1664.95	-51.08	-13	Vertical
2533.99	-44.03	-13	Vertical
2579.19	-44.33	-13	Vertical
8962.99	-39.05	-13	Vertical
9972.58	-35.92	-13	Vertical

Channel 23255

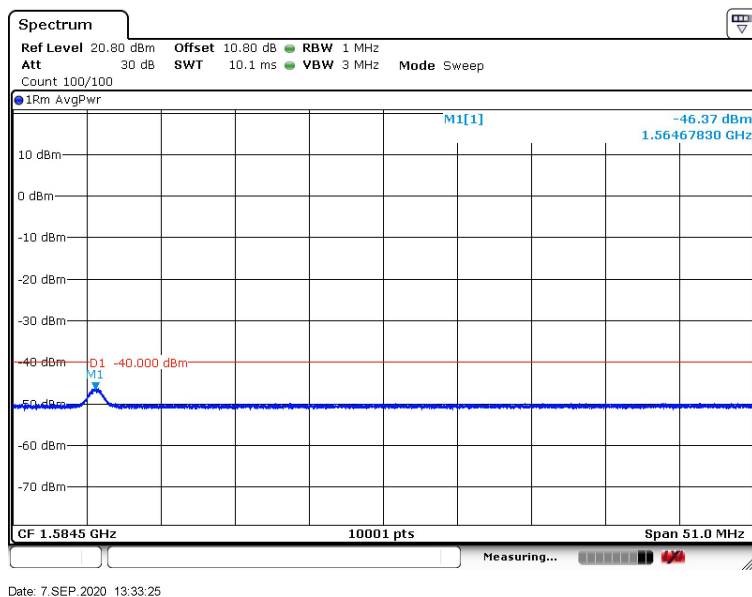
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.64	-52.87	-13	Vertical
1664.85	-50.86	-13	Horizontal
2533.47	-44.23	-13	Vertical
2578.85	-44.39	-13	Vertical
8962.45	-39.90	-13	Vertical
9972.63	-36.33	-13	Vertical



CH23205 BW=5MHz, RB=1



CH23230 BW=5MHz, RB=1



Date: 7.SEP.2020 13:33:25

CH23255 BW=5MHz, RB=1

LTE band 25

Test result:

Channel 26140

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.36	-48.88	-13	Vertical
2781.98	-47.14	-13	Vertical
3728.19	-41.17	-13	Vertical
6675.23	-39.34	-13	Vertical
9960.25	-37.68	-13	Vertical
17820.45	-33.86	-13	Vertical

Channel 26365

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.44	-48.82	-13	Vertical
2779.58	-47.85	-13	Vertical
3724.88	-40.70	-13	Vertical
6676.20	-39.40	-13	Vertical
9962.56	-37.64	-13	Vertical
17821.06	-33.88	-13	Vertical

Channel 26590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.01	-49.36	-13	Vertical
2780.59	-47.73	-13	Vertical
3726.93	-40.38	-13	Vertical
6677.10	-39.84	-13	Vertical
9959.85	-36.94	-13	Vertical
17819.95	-33.99	-13	Vertical

LTE band 26

Test result:

Channel 26865

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.37	-52.94	-13	Vertical
1667.60	-51.31	-13	Vertical
2533.46	-44.62	-13	Vertical
2577.32	-44.19	-13	Vertical
8963.53	-39.10	-13	Vertical
9973.43	-36.09	-13	Vertical

Channel 26915

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.67	-52.84	-13	Vertical
1668.40	-51.17	-13	Vertical
2533.77	-44.73	-13	Vertical
2577.00	-43.95	-13	Vertical
8963.67	-39.39	-13	Vertical
9971.74	-35.99	-13	Vertical

Channel 26965

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.74	-53.01	-13	Vertical
1666.49	-50.84	-13	Vertical
2536.28	-44.18	-13	Vertical
2577.13	-44.00	-13	Vertical
8961.79	-39.81	-13	Vertical
9970.89	-36.84	-13	Vertical



LTE band 41  
Test result:  
Channel 39750

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.39	-48.55	-25	Vertical
2781.34	-47.26	-25	Vertical
3725.65	-41.18	-25	Vertical
6677.30	-39.69	-25	Vertical
9961.92	-37.25	-25	Vertical
17819.92	-33.61	-25	Vertical

Channel 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.44	-48.80	-25	Vertical
2782.06	-46.96	-25	Vertical
3725.82	-40.52	-25	Vertical
6678.09	-39.34	-25	Vertical
9962.15	-37.76	-25	Vertical
17819.09	-33.94	-25	Vertical

Channel 41490

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.93	-49.32	-25	Vertical
2779.54	-47.27	-25	Vertical
3727.96	-41.24	-25	Vertical
6677.99	-39.37	-25	Vertical
9961.70	-36.97	-25	Vertical
17821.98	-33.59	-25	Vertical

LTE band66

Test result:

Channel 132072

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.97	-48.93	-13	Vertical
2782.08	-47.36	-13	Vertical
3725.10	-40.60	-13	Vertical
6677.89	-40.09	-13	Vertical
9961.97	-37.53	-13	Vertical
17819.65	-33.99	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.40	-48.49	-13	Vertical
2782.11	-47.88	-13	Vertical
3724.59	-41.16	-13	Vertical
6676.26	-40.11	-13	Vertical
9963.09	-37.33	-13	Vertical
17820.05	-33.59	-13	Vertical

Channel 132572

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.84	-48.77	-13	Vertical
2781.35	-47.25	-13	Vertical
3727.67	-40.54	-13	Vertical
6675.06	-39.49	-13	Vertical
9961.37	-37.50	-13	Vertical
17820.20	-34.33	-13	Vertical

LTE band 71  
Test result:  
Channel 133222

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.62	-52.92	-13	Vertical
1665.06	-51.16	-13	Vertical
2535.81	-44.66	-13	Vertical
2579.24	-44.06	-13	Vertical
8963.75	-39.93	-13	Vertical
9973.16	-36.31	-13	Vertical

Channel 133297

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.05	-52.96	-13	Vertical
1668.27	-50.89	-13	Vertical
2534.83	-44.69	-13	Vertical
2576.20	-43.91	-13	Vertical
8964.55	-39.62	-13	Vertical
9970.60	-36.07	-13	Vertical

Channel 133372

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.13	-52.85	-13	Vertical
1665.53	-50.79	-13	Vertical
2535.81	-44.02	-13	Vertical
2575.57	-43.83	-13	Vertical
8963.97	-39.22	-13	Vertical
9970.23	-36.27	-13	Vertical

**Secondary supply worst case result:**

LTE band 2

Test result:

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2465.83	-48.91	-13	Vertical
2783.34	-46.48	-13	Vertical
3744.56	-41.22	-13	Vertical
6683.21	-38.70	-13	Vertical
9951.59	-38.33	-13	Vertical
17833.67	-34.21	-13	Vertical

---End of Test Report---