

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

LTE band 2

Test result:

Channel 18700

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.74	-52.69	-13	Vertical
2781.93	-51.46	-13	Vertical
3727.93	-43.70	-13	Vertical
6679.80	-43.19	-13	Vertical
9963.88	-39.64	-13	Vertical
17823.18	-35.77	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.73	-52.57	-13	Vertical
2781.95	-51.65	-13	Vertical
3729.47	-43.69	-13	Vertical
6679.33	-43.91	-13	Vertical
9962.68	-39.91	-13	Vertical
17821.81	-35.38	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.11	-52.56	-13	Vertical
2779.64	-51.53	-13	Vertical
3730.27	-43.59	-13	Vertical
6677.40	-43.35	-13	Vertical
9963.49	-39.40	-13	Vertical
17823.28	-35.31	-13	Vertical

LTE band 4

Test result:

Channel 20050

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.53	-52.84	-13	Vertical
2781.26	-51.89	-13	Vertical
3729.65	-43.43	-13	Vertical
6676.48	-43.25	-13	Vertical
9962.89	-40.01	-13	Horizontal
17821.04	-35.41	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.61	-52.55	-13	Vertical
2778.98	-52.08	-13	Vertical
3727.78	-44.09	-13	Vertical
6679.10	-43.51	-13	Vertical
9963.44	-39.49	-13	Vertical
17824.15	-35.21	-13	Vertical

Channel 20300

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.54	-52.51	-13	Vertical
2779.68	-51.87	-13	Vertical
3730.88	-43.39	-13	Vertical
6678.12	-43.23	-13	Vertical
9964.25	-40.25	-13	Vertical
17820.83	-35.28	-13	Vertical

LTE band 5

Test result:

Channel 20450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.33	-52.29	-13	Vertical
1665.40	-51.16	-13	Vertical
2532.70	-43.58	-13	Horizontal
2575.01	-42.67	-13	Vertical
8964.01	-39.39	-13	Horizontal
9968.81	-35.66	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.30	-52.04	-13	Horizontal
1667.40	-51.91	-13	Vertical
2533.95	-43.34	-13	Vertical
2577.53	-43.53	-13	Vertical
8962.62	-40.05	-13	Vertical
9968.60	-35.73	-13	Vertical

Channel 20600

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.40	-52.34	-13	Vertical
1667.00	-51.62	-13	Horizontal
2536.07	-43.70	-13	Horizontal
2576.75	-43.49	-13	Vertical
8964.21	-40.17	-13	Vertical
9968.32	-35.47	-13	Vertical

LTE band 7

Test result:

Channel 20850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2452.88	-52.38	-25	Horizontal
2780.72	-51.37	-25	Vertical
3727.93	-43.95	-25	Vertical
6678.28	-43.87	-25	Vertical
9961.74	-40.33	-25	Vertical
17820.59	-35.20	-25	Vertical

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.23	-53.12	-25	Vertical
2779.81	-52.14	-25	Horizontal
3730.40	-43.99	-25	Vertical
6677.10	-43.40	-25	Vertical
9961.25	-39.72	-25	Horizontal
17821.22	-35.58	-25	Vertical

Channel 21350

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.69	-53.14	-25	Vertical
2780.83	-52.22	-25	Vertical
3730.36	-44.24	-25	Vertical
6677.82	-43.88	-25	Horizontal
9964.92	-39.81	-25	Horizontal
17823.94	-35.46	-25	Vertical

LTE band 12

Test result:

Channel 23060

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.94	-52.83	-13	Horizontal
1668.15	-51.61	-13	Vertical
2535.79	-43.33	-13	Horizontal
2573.75	-43.43	-13	Vertical
8964.41	-39.71	-13	Vertical
9970.31	-35.79	-13	Vertical

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.30	-52.46	-13	Vertical
1667.64	-51.38	-13	Vertical
2534.17	-43.29	-13	Horizontal
2575.70	-43.13	-13	Horizontal
8963.43	-39.25	-13	Vertical
9970.89	-36.02	-13	Vertical

Channel 23130

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.44	-52.57	-13	Vertical
1667.08	-51.63	-13	Vertical
2532.50	-43.80	-13	Vertical
2576.87	-43.25	-13	Horizontal
8965.60	-39.67	-13	Horizontal
9968.52	-36.05	-13	Vertical

LTE band 13
Test result:
Channel 23205

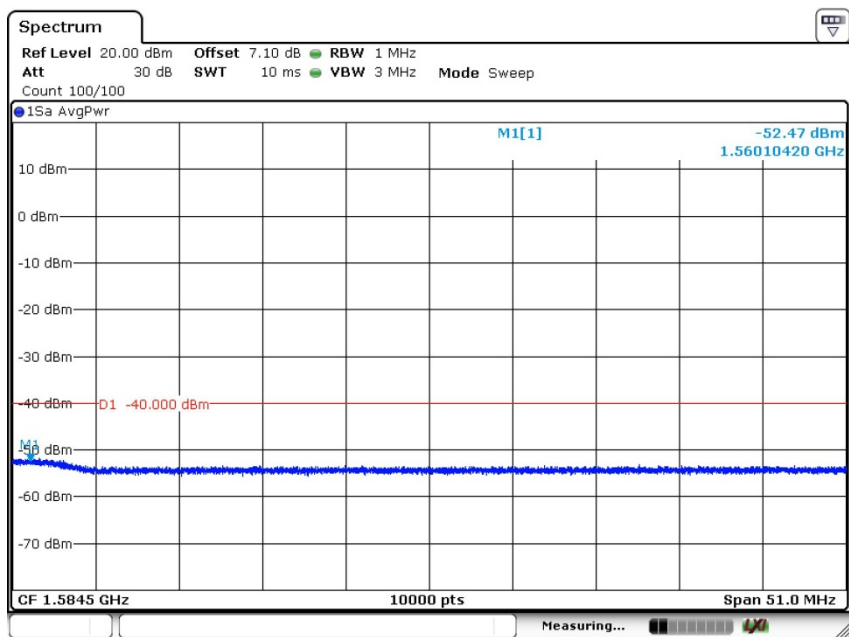
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.53	-52.23	-13	Vertical
1668.01	-51.65	-13	Vertical
2533.05	-43.41	-13	Vertical
2575.99	-43.05	-13	Vertical
8963.55	-39.25	-13	Vertical
9967.71	-35.62	-13	Vertical

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.27	-52.59	-13	Vertical
1664.35	-51.49	-13	Vertical
2535.46	-43.80	-13	Vertical
2573.92	-42.91	-13	Vertical
8965.87	-39.81	-13	Vertical
9968.48	-35.83	-13	Vertical

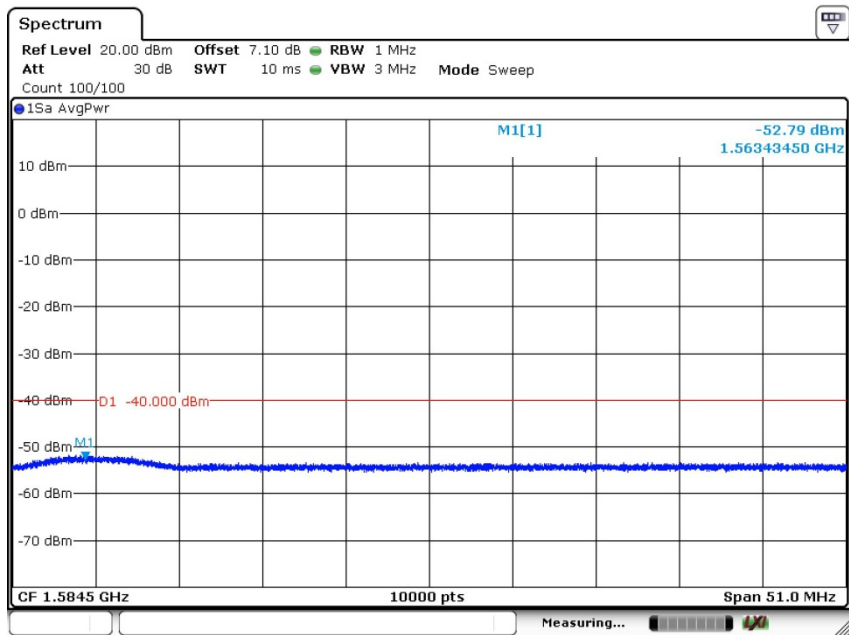
Channel 23255

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.89	-52.27	-13	Vertical
1665.72	-51.53	-13	Horizontal
2533.90	-43.84	-13	Vertical
2573.95	-43.53	-13	Vertical
8963.86	-40.15	-13	Vertical
9970.88	-35.31	-13	Vertical



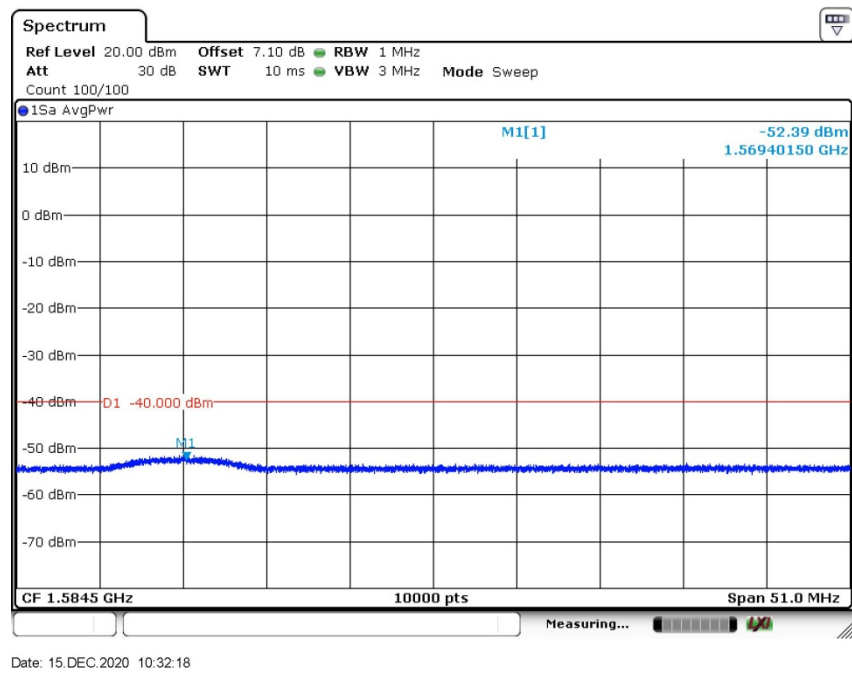
Date: 15. DEC. 2020 10:30:42

CH23205 BW=5MHz, RB=1



Date: 15. DEC. 2020 10:31:12

CH23230 BW=5MHz, RB=1



CH23255 BW=5MHz, RB=1

LTE band 17

Test result:

Channel 23780

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.05	-52.55	-13	Vertical
1664.81	-51.48	-13	Vertical
2533.05	-44.07	-13	Vertical
2576.63	-42.94	-13	Vertical
8963.02	-39.81	-13	Vertical
9969.96	-35.60	-13	Vertical

Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.74	-52.13	-13	Vertical
1664.77	-51.64	-13	Vertical
2532.57	-43.93	-13	Vertical
2574.26	-42.99	-13	Vertical
8964.72	-39.60	-13	Vertical
9968.66	-35.24	-13	Vertical

Channel 23800

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.89	-52.04	-13	Vertical
1664.60	-51.99	-13	Horizontal
2534.38	-43.24	-13	Vertical
2577.54	-43.30	-13	Vertical
8964.14	-39.31	-13	Vertical
9971.24	-35.40	-13	Vertical

LTE band 26

Test result:

Channel 26697

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.22	-52.61	-13	Vertical
1664.82	-51.10	-13	Vertical
2534.28	-43.81	-13	Vertical
2574.48	-43.14	-13	Vertical
8962.47	-39.91	-13	Vertical
9968.42	-35.15	-13	Vertical

Channel 26740

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.80	-51.91	-13	Vertical
1668.01	-51.96	-13	Vertical
2535.82	-43.37	-13	Vertical
2577.36	-43.20	-13	Vertical
8962.95	-39.94	-13	Vertical
9970.24	-35.54	-13	Vertical

Channel 26783

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.33	-52.28	-13	Vertical
1667.97	-51.56	-13	Horizontal
2533.66	-43.25	-13	Vertical
2576.25	-43.14	-13	Vertical
8965.55	-40.20	-13	Vertical
9967.67	-35.15	-13	Vertical

LTE band 38
Test result
Channel 37850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.60	-53.17	-13	Vertical
2778.81	-51.70	-13	Vertical
3728.57	-43.77	-13	Vertical
6676.11	-43.22	-13	Vertical
9963.57	-39.64	-13	Vertical
17820.76	-36.07	-13	Vertical

Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.31	-52.59	-13	Vertical
2778.11	-51.58	-13	Vertical
3729.87	-43.35	-13	Vertical
6676.57	-43.00	-13	Vertical
9963.42	-39.91	-13	Vertical
17823.22	-35.84	-13	Vertical

Channel 38150

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.06	-52.45	-13	Vertical
2778.59	-52.17	-13	Vertical
3728.74	-43.73	-13	Vertical
6679.15	-43.83	-13	Vertical
9961.44	-39.77	-13	Vertical
17823.69	-35.90	-13	Vertical

LTE band 66
Test result:
Channel 132072

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.15	-52.94	-13	Vertical
2781.47	-51.93	-13	Vertical
3728.03	-43.79	-13	Vertical
6679.86	-43.60	-13	Vertical
9965.00	-40.01	-13	Vertical
17822.32	-35.77	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.06	-52.91	-13	Vertical
2780.40	-52.19	-13	Vertical
3728.69	-43.37	-13	Vertical
6676.71	-43.51	-13	Vertical
9963.11	-40.09	-13	Vertical
17821.25	-36.19	-13	Vertical

Channel 132572

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.25	-52.43	-13	Vertical
2781.67	-51.37	-13	Vertical
3728.35	-43.68	-13	Vertical
6677.27	-43.53	-13	Vertical
9961.52	-40.04	-13	Vertical
17823.77	-35.50	-13	Vertical

---The end of the test report---