

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

LTE band 2

Test result:

Channel 18700

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.23	-52.88	-13	Vertical
2781.38	-52.00	-13	Vertical
3729.31	-43.89	-13	Vertical
6679.15	-43.22	-13	Vertical
9963.96	-39.48	-13	Vertical
17820.93	-36.12	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.36	-52.52	-13	Vertical
2780.62	-51.86	-13	Vertical
3729.93	-44.22	-13	Vertical
6677.44	-43.19	-13	Vertical
9964.80	-39.41	-13	Vertical
17823.20	-35.93	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.41	-52.33	-13	Vertical
2780.62	-51.52	-13	Vertical
3728.98	-44.25	-13	Vertical
6678.78	-43.48	-13	Vertical
9963.45	-39.54	-13	Vertical
17821.70	-35.54	-13	Vertical

LTE band 4
Test result:

Channel 20050

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.96	-52.67	-13	Vertical
2781.30	-51.80	-13	Vertical
3730.13	-43.79	-13	Vertical
6677.32	-43.85	-13	Vertical
9963.72	-39.47	-13	Horizontal
17822.73	-35.28	-13	Vertical

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.77	-52.98	-13	Vertical
2779.20	-51.83	-13	Vertical
3730.63	-44.10	-13	Vertical
6678.64	-43.34	-13	Vertical
9961.99	-39.75	-13	Vertical
17822.43	-36.16	-13	Vertical

Channel 20300

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.66	-52.60	-13	Vertical
2780.31	-51.59	-13	Vertical
3727.70	-43.73	-13	Vertical
6676.38	-43.08	-13	Vertical
9964.53	-40.05	-13	Vertical
17820.87	-36.07	-13	Vertical

LTE band 5

Test result:

Channel 20450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.19	-52.68	-13	Vertical
1667.14	-51.97	-13	Vertical
2532.71	-43.33	-13	Horizontal
2574.46	-43.50	-13	Vertical
8962.34	-39.34	-13	Horizontal
9971.21	-35.56	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.50	-52.62	-13	Horizontal
1667.78	-51.52	-13	Vertical
2535.18	-43.38	-13	Vertical
2577.49	-43.48	-13	Vertical
8962.60	-39.43	-13	Vertical
9969.44	-35.32	-13	Vertical

Channel 20600

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.04	-52.81	-13	Vertical
1667.65	-51.12	-13	Horizontal
2533.62	-43.29	-13	Horizontal
2577.36	-43.38	-13	Vertical
8961.91	-39.92	-13	Vertical
9970.97	-35.75	-13	Vertical

LTE band 7

Test result:

Channel 20850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.87	-52.64	-25	Horizontal
2781.15	-51.35	-25	Vertical
3730.08	-44.13	-25	Vertical
6676.23	-43.19	-25	Vertical
9963.51	-40.18	-25	Vertical
17821.70	-35.62	-25	Vertical

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.08	-52.59	-25	Vertical
2778.60	-52.25	-25	Horizontal
3728.35	-43.66	-25	Vertical
6679.28	-43.31	-25	Vertical
9963.81	-39.87	-25	Horizontal
17821.36	-35.62	-25	Vertical

Channel 21350

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.77	-52.88	-25	Vertical
2778.72	-52.08	-25	Vertical
3728.99	-43.84	-25	Vertical
6678.39	-43.16	-25	Horizontal
9965.00	-39.77	-25	Horizontal
17822.34	-35.29	-25	Vertical

LTE band 12

Test result:

Channel 23060

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.01	-51.97	-13	Horizontal
1665.28	-51.47	-13	Vertical
2535.74	-43.91	-13	Horizontal
2576.41	-42.93	-13	Vertical
8962.41	-39.22	-13	Vertical
9970.87	-35.86	-13	Vertical

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.32	-52.63	-13	Vertical
1666.09	-51.16	-13	Vertical
2535.30	-43.83	-13	Horizontal
2577.02	-43.50	-13	Horizontal
8963.12	-39.34	-13	Vertical
9970.97	-35.82	-13	Vertical

Channel 23130

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.26	-52.34	-13	Vertical
1667.60	-51.56	-13	Vertical
2533.26	-43.75	-13	Vertical
2574.55	-43.03	-13	Horizontal
8964.84	-39.74	-13	Horizontal
9969.45	-35.81	-13	Vertical

LTE band 13

Test result:
Channel 23205

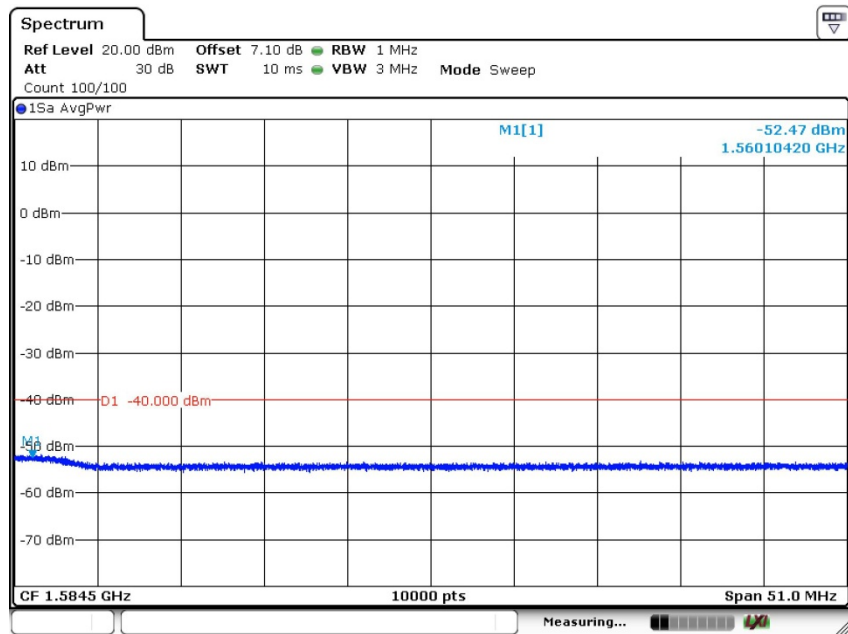
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.22	-52.72	-13	Vertical
1664.37	-52.01	-13	Vertical
2534.70	-43.67	-13	Vertical
2574.16	-42.64	-13	Vertical
8964.21	-39.46	-13	Vertical
9968.81	-35.70	-13	Vertical

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.99	-52.58	-13	Vertical
1665.43	-51.36	-13	Vertical
2533.66	-43.80	-13	Vertical
2575.67	-43.20	-13	Vertical
8963.34	-39.20	-13	Vertical
9971.41	-35.93	-13	Vertical

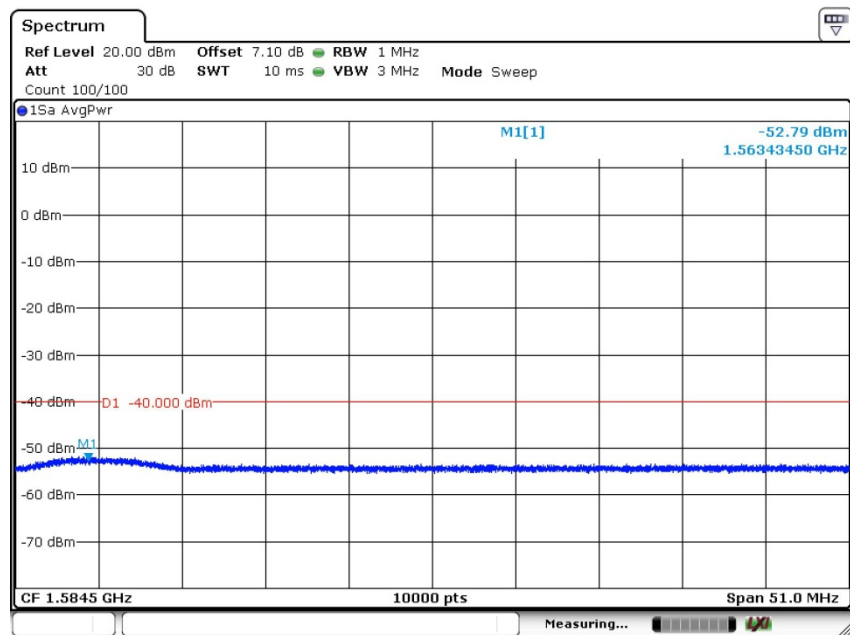
Channel 23255

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.96	-52.47	-13	Vertical
1664.92	-51.36	-13	Horizontal
2533.37	-43.23	-13	Vertical
2575.00	-42.66	-13	Vertical
8963.92	-39.68	-13	Vertical
9970.12	-35.24	-13	Vertical



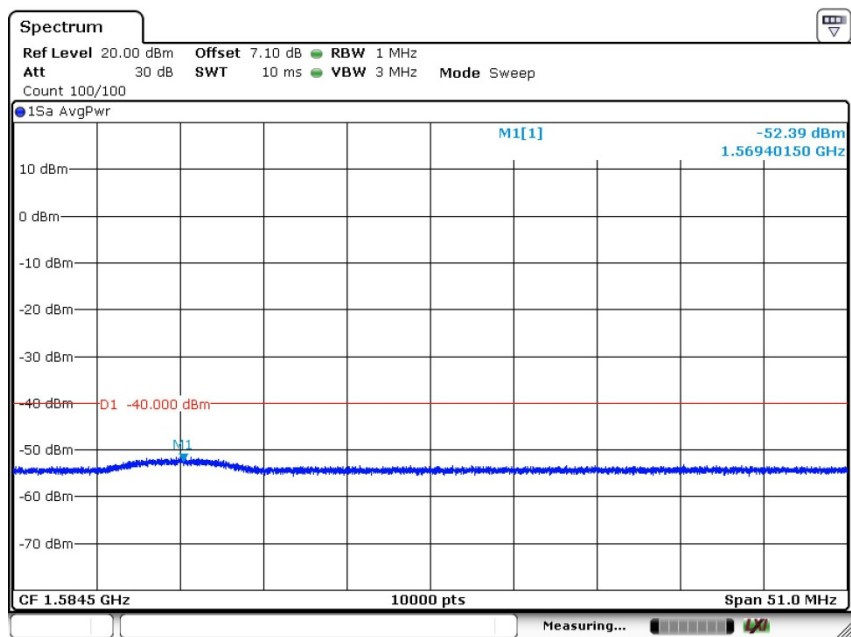
Date: 15.DEC.2020 10:30:42

CH23205 BW=5MHz, RB=1



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

CH23230 BW=5MHz, RB=1



Date: 15.DEC.2020 10:32:18

CH23255 BW=5MHz, RB=1

LTE band 17

Test result:

Channel 23780

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.18	-52.61	-13	Vertical
1666.29	-51.40	-13	Vertical
2533.31	-43.57	-13	Vertical
2574.80	-42.94	-13	Vertical
8962.04	-39.80	-13	Vertical
9968.89	-35.54	-13	Vertical

Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.58	-52.82	-13	Vertical
1667.77	-52.01	-13	Vertical
2535.88	-44.10	-13	Vertical
2573.80	-43.32	-13	Vertical
8962.47	-40.04	-13	Vertical
9968.81	-36.11	-13	Vertical

Channel 23800

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.21	-52.19	-13	Vertical
1666.33	-51.53	-13	Horizontal
2533.00	-43.41	-13	Vertical
2575.90	-43.37	-13	Vertical
8962.44	-39.89	-13	Vertical
9968.28	-35.83	-13	Vertical

LTE band 25

Test result:
Channel 26140

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.41	-52.53	-13	Vertical
2778.18	-51.55	-13	Vertical
3728.00	-43.97	-13	Vertical
6679.93	-43.15	-13	Vertical
9962.37	-39.65	-13	Vertical
17820.56	-35.81	-13	Vertical

Channel 26365

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.77	-52.23	-13	Vertical
2780.57	-51.84	-13	Vertical
3729.87	-43.96	-13	Vertical
6676.31	-43.84	-13	Vertical
9963.04	-40.13	-13	Vertical
17822.13	-35.76	-13	Vertical

Channel 26590

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.85	-52.50	-13	Vertical
2780.02	-52.13	-13	Vertical
3727.65	-44.10	-13	Vertical
6677.33	-43.75	-13	Vertical
9964.13	-39.87	-13	Vertical
17823.31	-35.53	-13	Vertical

LTE band 26(824-849MHz)

Test result:

Channel 26865

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.47	-52.20	-13	Vertical
1666.78	-51.66	-13	Vertical
2534.61	-43.82	-13	Vertical
2574.72	-43.26	-13	Vertical
8964.35	-39.55	-13	Vertical
9968.06	-35.22	-13	Vertical

Channel 26915

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.17	-52.17	-13	Vertical
1666.83	-51.45	-13	Vertical
2532.13	-43.18	-13	Vertical
2575.47	-43.06	-13	Vertical
8962.90	-39.42	-13	Vertical
9968.64	-35.81	-13	Vertical

Channel 26965

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.31	-52.55	-13	Vertical
1665.94	-51.55	-13	Horizontal
2533.21	-43.14	-13	Vertical
2576.40	-43.49	-13	Vertical
8963.00	-40.19	-13	Vertical
9969.28	-35.74	-13	Vertical

LTE band 30

Test result:

Channel 27685

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.79	-53.64	-40	Vertical
2781.17	-52.09	-40	Vertical
3729.39	-73.36	-40	Vertical
6679.82	-63.12	-40	Vertical
9963.32	-57.68	-40	Vertical
17820.88	-46.70	-40	Vertical

Channel 27710

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.45	-53.46	-40	Vertical
2779.87	-51.95	-40	Vertical
3730.07	-73.46	-40	Vertical
6676.87	-63.05	-40	Vertical
9961.66	-57.92	-40	Vertical
17821.65	-47.17	-40	Vertical

Channel 27735

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.91	-53.81	-40	Vertical
2778.80	-51.44	-40	Vertical
3727.80	-73.96	-40	Vertical
6678.08	-62.96	-40	Vertical
9963.11	-57.46	-40	Vertical
17823.13	-46.54	-40	Vertical

LTE band 66

Test result:

Channel 132072

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.09	-53.03	-13	Vertical
2778.71	-52.01	-13	Vertical
3729.51	-43.74	-13	Vertical
6676.92	-43.91	-13	Vertical
9961.26	-39.91	-13	Vertical
17821.31	-36.03	-13	Vertical

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.85	-52.44	-13	Vertical
2779.69	-51.43	-13	Vertical
3727.92	-43.78	-13	Vertical
6676.73	-42.98	-13	Vertical
9961.76	-40.27	-13	Vertical
17823.89	-36.09	-13	Vertical

Channel 132572

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.08	-53.17	-13	Vertical
2779.48	-51.61	-13	Vertical
3729.16	-44.08	-13	Vertical
6679.68	-43.63	-13	Vertical
9962.87	-39.46	-13	Vertical
17824.26	-35.49	-13	Vertical