



NSA

DC_2A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 500500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
13444.62	-63.28	2.50	13.30	-52.48	-25.00	H
13820.77	-62.34	2.50	12.40	-52.44	-25.00	H
14499.69	-61.32	2.60	11.90	-52.02	-25.00	H
15164.77	-59.78	2.50	12.40	-49.88	-25.00	H
15884.31	-59.64	2.40	15.60	-46.44	-25.00	H
16911.69	-57.62	2.90	16.50	-44.02	-25.00	H

DC_2A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 507000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12804.00	-61.13	2.70	13.80	-50.03	-25.00	V
13493.54	-62.21	2.50	13.30	-51.41	-25.00	H
14006.31	-62.12	2.50	11.90	-52.72	-25.00	V
14983.38	-57.89	2.40	11.20	-49.09	-25.00	V
15943.85	-57.58	2.60	15.60	-44.58	-25.00	H
17016.46	-54.34	2.90	14.50	-42.74	-25.00	H

DC_2A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 513500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12877.38	-58.11	2.70	13.80	-47.01	-25.00	V
13434.00	-57.25	2.50	13.30	-46.45	-25.00	V
14134.62	-57.67	2.50	11.90	-48.27	-25.00	H
14936.31	-54.37	2.70	11.20	-45.87	-25.00	H
15979.38	-57.51	2.60	15.60	-44.51	-25.00	V
16961.08	-54.99	2.90	16.50	-41.39	-25.00	H



DC_2A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 342500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12252.46	-56.37	2.60	12.60	-46.37	-13.00	V
12775.38	-58.60	2.70	13.80	-47.50	-13.00	H
13307.08	-59.51	2.30	13.30	-48.51	-13.00	H
13738.15	-58.41	2.50	12.40	-48.51	-13.00	H
14775.23	-54.95	2.50	11.20	-46.25	-13.00	V
15934.15	-57.21	2.60	15.60	-44.21	-13.00	H

DC_2A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 349000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
3485.62	-52.72	1.10	11.50	-42.32	-13.00	H
11400.92	-55.26	2.50	10.50	-47.26	-13.00	H
13327.38	-57.53	2.30	13.30	-46.53	-13.00	V
14782.62	-54.19	2.50	11.20	-45.49	-13.00	V
15859.38	-56.22	2.40	15.60	-43.02	-13.00	V
16970.31	-54.86	2.90	16.50	-41.26	-13.00	V

DC_2A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 355500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12408.46	-58.43	2.60	12.60	-48.43	-13.00	H
13075.85	-60.65	2.30	13.30	-49.65	-13.00	H
13585.38	-58.63	2.40	12.40	-48.63	-13.00	H
14461.38	-57.81	2.60	11.90	-48.51	-13.00	V
15952.62	-57.97	2.60	15.60	-44.97	-13.00	H
16914.92	-55.62	2.90	16.50	-42.02	-13.00	V

**DC_5A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 500500**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
13951.85	-63.84	2.20	12.40	-53.64	-25.00	H
14891.08	-57.26	2.70	11.20	-48.76	-25.00	V
15197.54	-58.28	2.50	12.40	-48.38	-25.00	H
15961.38	-59.75	2.60	15.60	-46.75	-25.00	V
16147.38	-61.83	2.60	17.40	-47.03	-25.00	V
16862.31	-56.98	2.90	16.50	-43.38	-25.00	V

DC_5A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 507000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
13170.46	-63.77	2.40	13.30	-52.87	-25.00	V
13740.00	-63.17	2.50	12.40	-53.27	-25.00	V
14150.77	-61.50	2.50	11.90	-52.10	-25.00	V
14854.15	-58.60	2.70	11.20	-50.10	-25.00	H
15859.38	-60.27	2.40	15.60	-47.07	-25.00	V
17010.00	-54.48	2.90	14.50	-42.88	-25.00	H

DC_5A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 513500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
14045.08	-63.33	2.50	11.90	-53.93	-25.00	H
14505.69	-61.23	2.60	11.20	-52.63	-25.00	V
14887.38	-56.88	2.70	11.20	-48.38	-25.00	H
15326.31	-59.15	2.70	12.40	-49.45	-25.00	V
15862.15	-59.20	2.40	15.60	-46.00	-25.00	H
16770.00	-57.41	2.90	16.50	-43.81	-25.00	V



DC_5A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 342500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
6320.57	-61.41	1.60	13.10	-49.91	-13.00	V
7020.43	-59.50	1.80	12.00	-49.30	-13.00	H
7191.00	-61.02	1.80	12.00	-50.82	-13.00	H
7971.00	-59.61	1.90	11.30	-50.21	-13.00	V
8872.43	-58.43	1.90	12.00	-48.33	-13.00	H
9449.00	-59.14	2.10	11.60	-49.64	-13.00	V

DC_5A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 349000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
7045.14	-59.19	1.80	12.00	-48.99	-13.00	H
7329.43	-60.06	1.70	12.00	-49.76	-13.00	V
7552.14	-58.86	1.80	11.30	-49.36	-13.00	V
8262.29	-59.44	1.90	11.30	-50.04	-13.00	H
8964.29	-58.92	2.00	12.00	-48.92	-13.00	V
9442.86	-60.22	2.10	11.60	-50.72	-13.00	H

DC_5A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 355500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
6413.29	-60.58	1.60	13.10	-49.08	-13.00	V
6752.29	-60.57	1.70	12.40	-49.87	-13.00	H
7233.29	-61.37	1.80	12.00	-51.17	-13.00	H
7531.86	-59.56	1.90	11.30	-50.16	-13.00	H
8312.29	-59.50	1.90	11.30	-50.10	-13.00	V
8673.29	-60.55	2.00	12.00	-50.55	-13.00	H



DC_7A_n5A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 165300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6202.71	-67.26	1.60	13.10	-57.91	-13.00	V
6594.57	-66.35	1.70	12.40	-57.80	-13.00	V
6889.86	-67.75	1.80	12.40	-59.30	-13.00	V
7196.00	-69.42	1.80	12.00	-61.37	-13.00	V
7943.57	-68.89	1.90	11.30	-61.64	-13.00	H
8247.86	-67.60	1.90	11.30	-60.35	-13.00	V

DC_7A_n5A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 167300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6628.43	-65.29	1.80	12.40	-56.84	-13.00	H
7029.57	-67.65	1.80	12.00	-59.60	-13.00	V
7467.57	-68.09	1.90	12.00	-60.14	-13.00	H
8142.14	-67.97	1.80	11.30	-60.62	-13.00	H
8894.57	-66.91	1.90	12.00	-58.96	-13.00	H
9526.86	-65.06	2.10	11.20	-58.11	-13.00	H

DC_7A_n5A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 169300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6408.57	-68.44	1.60	13.10	-59.09	-13.00	H
6680.86	-66.31	1.80	12.40	-57.86	-13.00	V
6731.86	-66.59	1.70	12.40	-58.04	-13.00	H
7200.57	-69.09	1.80	12.00	-61.04	-13.00	H
7557.00	-67.34	1.80	11.30	-59.99	-13.00	H
8170.71	-66.89	2.20	11.30	-59.94	-13.00	V

**DC_7A_n66A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 342500**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
11649.23	-56.14	2.60	11.00	-47.74	-13.00	V
12505.85	-58.86	2.60	13.80	-47.66	-13.00	V
13433.54	-57.61	2.50	13.30	-46.81	-13.00	H
14787.69	-55.04	2.50	11.20	-46.34	-13.00	V
15893.08	-56.46	2.40	15.60	-43.26	-13.00	H
16877.08	-57.12	2.90	16.50	-43.52	-13.00	V

DC_7A_n66A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 349000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
10476.00	-57.59	2.30	11.30	-48.59	-13.00	H
11449.38	-55.83	2.60	10.50	-47.93	-13.00	H
12269.08	-57.92	2.60	12.60	-47.92	-13.00	H
13374.00	-56.75	2.30	13.30	-45.75	-13.00	V
14577.69	-55.68	2.60	11.20	-47.08	-13.00	V
15826.62	-59.57	2.40	15.60	-46.37	-13.00	V

DC_7A_n66A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 355500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
9931.38	-59.98	2.20	11.20	-50.98	-13.00	H
10599.23	-59.61	2.20	10.80	-51.01	-13.00	H
12018.46	-57.75	2.60	12.60	-47.75	-13.00	V
13967.54	-58.67	2.20	12.40	-48.47	-13.00	V
14791.38	-54.09	2.50	11.20	-45.39	-13.00	H
16453.85	-59.87	2.70	17.40	-45.17	-13.00	H



DC_12A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 342500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
5229.00	-56.80	1.80	12.50	-46.10	-13.00	H
5810.62	-56.72	1.50	13.10	-45.12	-13.00	V
6274.86	-58.91	1.60	13.10	-47.41	-13.00	V
6720.00	-59.66	1.70	12.40	-48.96	-13.00	V
7203.86	-60.66	1.80	12.00	-50.46	-13.00	H
8428.29	-59.25	1.80	11.30	-49.75	-13.00	H

DC_12A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 349000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
6175.57	-59.30	1.60	13.10	-47.80	-13.00	V
6385.57	-61.05	1.60	13.10	-49.55	-13.00	H
6736.43	-59.63	1.70	12.40	-48.93	-13.00	V
7083.86	-60.77	1.80	12.00	-50.57	-13.00	V
7645.43	-59.69	1.80	11.30	-50.19	-13.00	H
8261.00	-59.62	1.90	11.30	-50.22	-13.00	H

DC_12A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 355500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
6990.71	-61.24	1.80	12.40	-50.64	-13.00	V
7224.14	-62.04	1.80	12.00	-51.84	-13.00	H
7655.29	-59.78	1.80	11.30	-50.28	-13.00	V
8093.57	-60.80	1.80	11.30	-51.30	-13.00	H
8692.14	-61.07	2.00	12.00	-51.07	-13.00	H
9052.00	-60.27	2.20	11.60	-50.87	-13.00	H



DC_25A_n41A, LTE 5MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 500202

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
15920.77	-55.67	2.60	15.60	-42.67	-25.00	H
5881.88	-56.33	1.50	13.10	-44.73	-25.00	H
17103.23	-52.03	2.90	14.50	-40.43	-25.00	H
13391.54	-55.73	2.30	13.30	-44.73	-25.00	H
4726.88	-56.71	1.30	12.50	-45.51	-25.00	V
8828.77	-58.59	1.90	12.00	-48.49	-25.00	V

DC_25A_n41A, LTE 5MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 518598

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
5178.75	-50.99	1.60	12.50	-40.09	-25.00	H
8663.54	-59.33	2.00	12.00	-49.33	-25.00	H
10878.92	-55.21	2.30	10.80	-46.71	-25.00	V
13345.38	-56.47	2.30	13.30	-45.47	-25.00	H
15887.54	-55.57	2.40	15.60	-42.37	-25.00	H
16928.77	-54.04	2.90	16.50	-40.44	-25.00	V

DC_25A_n41A, LTE 5MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 537000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
5362.88	-50.13	1.30	12.50	-38.93	-25.00	H
7086.00	-58.64	1.80	12.00	-48.44	-25.00	V
8877.69	-58.46	1.90	12.00	-48.36	-25.00	H
12515.08	-56.84	2.60	13.80	-45.64	-25.00	V
14896.15	-53.16	2.70	11.20	-44.66	-25.00	V
16954.15	-53.22	2.90	16.50	-39.62	-25.00	H

**DC_26A_n41A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 500202**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
9494.31	-57.61	2.10	11.60	-48.11	-25.00	H
10922.77	-54.72	2.40	10.80	-46.32	-25.00	V
12228.00	-55.27	2.60	12.60	-45.27	-25.00	V
13401.23	-56.13	2.30	13.30	-45.13	-25.00	H
14938.62	-51.45	2.70	11.20	-42.95	-25.00	H
17195.08	-52.53	2.90	14.50	-40.93	-25.00	V

DC_26A_n41A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 518598

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
4703.25	-57.99	1.30	12.50	-46.79	-25.00	H
5759.62	-56.31	1.50	13.10	-44.71	-25.00	H
8163.23	-56.86	2.20	11.30	-47.76	-25.00	H
10884.92	-53.59	2.30	10.80	-45.09	-25.00	V
15910.62	-55.39	2.60	15.60	-42.39	-25.00	H
16948.15	-54.01	2.90	16.50	-40.41	-25.00	H

DC_26A_n41A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 537000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
5362.12	-52.82	1.30	12.50	-41.62	-25.00	H
7020.46	-58.07	1.80	12.00	-47.87	-25.00	V
8925.23	-57.94	1.90	12.00	-47.84	-25.00	V
10392.00	-56.16	2.30	11.30	-47.16	-25.00	H
13420.62	-55.77	2.30	13.30	-44.77	-25.00	V
16885.38	-54.21	2.90	16.50	-40.61	-25.00	H



DC_66A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 500500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12879.23	-57.48	2.70	13.80	-46.38	-25.00	V
13544.77	-56.56	2.50	12.40	-46.66	-25.00	V
14234.31	-57.44	2.50	11.90	-48.04	-25.00	V
15010.15	-55.30	2.40	12.40	-45.30	-25.00	H
15906.92	-57.15	2.60	15.60	-44.15	-25.00	V
16945.85	-54.01	2.90	16.50	-40.41	-25.00	H

DC_66A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 507000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
13306.15	-59.27	2.30	13.30	-48.27	-25.00	V
13461.23	-60.49	2.50	13.30	-49.69	-25.00	V
14439.69	-57.43	2.60	11.90	-48.13	-25.00	H
14941.38	-53.65	2.70	11.20	-45.15	-25.00	V
15569.54	-58.77	2.40	15.60	-45.57	-25.00	H
16335.23	-59.21	2.70	17.40	-44.51	-25.00	H

DC_66A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 513500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
9931.38	-59.98	2.20	11.20	-50.98	-25.00	H
10599.23	-59.61	2.20	10.80	-51.01	-25.00	H
12018.46	-57.75	2.60	12.60	-47.75	-25.00	V
13967.54	-58.67	2.20	12.40	-48.47	-25.00	V
14791.38	-54.09	2.50	11.20	-45.39	-25.00	H
16453.85	-59.87	2.70	17.40	-45.17	-25.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.87dB(30MHz-3GHz)/3.35dB(3GHz-18GHz)/2.68dB(18GHz-40GHz), k = 2



Lower antenna

SA

n2, 5MHz,DFT-OFDM, QPSK, Channel 370500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
8174.46	-67.92	2.20	11.30	-58.82	-13.00	V
8917.93	-68.77	1.90	12.00	-58.67	-13.00	V
9495.05	-69.13	2.10	11.60	-59.63	-13.00	V
10386.54	-67.70	2.30	11.30	-58.70	-13.00	V
11650.23	-65.59	2.60	11.00	-57.19	-13.00	V
13300.38	-67.02	2.30	13.30	-56.02	-13.00	V

n2, 5MHz,DFT-OFDM, QPSK, Channel 376000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
10448.25	-67.27	2.30	11.30	-58.27	-13.00	H
12903.12	-65.86	2.50	13.80	-54.56	-13.00	H
13464.00	-65.89	2.50	13.30	-55.09	-13.00	H
14930.06	-62.36	2.70	11.20	-53.86	-13.00	H
15194.31	-63.84	2.50	12.40	-53.94	-13.00	H
15882.50	-66.32	2.40	15.60	-53.12	-13.00	H

n2, 5MHz,DFT-OFDM, QPSK, Channel 381500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12294.86	-67.73	2.60	12.60	-57.73	-13.00	V
12826.56	-66.79	2.70	13.80	-55.69	-13.00	V
13472.75	-66.42	2.50	13.30	-55.62	-13.00	V
14879.75	-62.50	2.70	11.20	-54.00	-13.00	V
15898.69	-65.81	2.60	15.60	-52.81	-13.00	V
16608.31	-65.03	2.60	16.50	-51.13	-13.00	V



n5, 5MHz,DFT-OFDM, QPSK, Channel 165300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6174.43	-59.37	1.60	13.10	-50.02	-13.00	V
6514.57	-59.12	1.70	12.40	-50.57	-13.00	V
7395.00	-60.43	1.90	12.00	-52.48	-13.00	V
8170.71	-58.52	2.20	11.30	-51.57	-13.00	V
8919.86	-59.31	1.90	12.00	-51.36	-13.00	V
9735.14	-59.52	2.20	11.20	-52.67	-13.00	V

n5, 5MHz,DFT-OFDM, QPSK, Channel 167300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6660.71	-66.47	1.80	12.40	-58.02	-13.00	H
6945.71	-67.76	1.80	12.40	-59.31	-13.00	V
7464.57	-68.58	1.90	12.00	-60.63	-13.00	V
8218.43	-67.74	2.20	11.30	-60.79	-13.00	H
8867.86	-66.53	1.90	12.00	-58.58	-13.00	H
9420.29	-66.06	2.10	11.60	-58.71	-13.00	V

n5, 5MHz,DFT-OFDM, QPSK, Channel 169300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7493.71	-68.62	1.90	12.00	-60.67	-13.00	V
7975.00	-67.59	1.90	11.30	-60.34	-13.00	V
8284.14	-68.52	1.90	11.30	-61.27	-13.00	H
8936.86	-68.05	2.00	12.00	-60.20	-13.00	H
9611.57	-66.40	2.10	11.20	-59.45	-13.00	H
9853.43	-67.13	2.30	11.20	-60.38	-13.00	H



n7, 5MHz,DFT-OFDM, QPSK, Channel 500500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
14963.08	-58.35	2.70	11.20	-49.85	-25.00	H
15256.15	-59.43	2.50	12.40	-49.53	-25.00	V
15930.00	-58.44	2.60	15.60	-45.44	-25.00	V
16554.46	-58.65	2.60	16.50	-44.75	-25.00	V
17039.08	-56.80	2.90	14.50	-45.20	-25.00	V
17550.46	-54.51	2.90	12.80	-44.61	-25.00	V

n7, 5MHz,DFT-OFDM, QPSK, Channel 507000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
15620.77	-61.65	2.70	15.60	-48.75	-25.00	H
15942.00	-59.04	2.60	15.60	-46.04	-25.00	V
16212.00	-62.54	2.60	17.40	-47.74	-25.00	H
16465.38	-59.96	2.70	17.40	-45.26	-25.00	H
16944.46	-58.41	2.90	16.50	-44.81	-25.00	V
17760.00	-53.97	3.60	12.80	-44.77	-25.00	H

n7, 5MHz,DFT-OFDM, QPSK, Channel 513500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12442.15	-57.87	2.60	12.60	-47.87	-25.00	V
13040.77	-59.56	2.30	13.30	-48.56	-25.00	V
13423.85	-59.21	2.30	13.30	-48.21	-25.00	V
14898.00	-54.62	2.70	11.20	-46.12	-25.00	V
15731.08	-58.86	2.70	15.60	-45.96	-25.00	V
16944.46	-56.81	2.90	16.50	-43.21	-25.00	V

**n12, 5MHz,DFT-OFDM, QPSK, Channel 140300**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
7266.14	-69.40	1.90	12.00	-61.45	-13.00	V
7633.00	-66.67	1.80	11.30	-59.32	-13.00	V
7971.29	-66.18	1.90	11.30	-58.93	-13.00	V
8289.29	-66.40	1.90	11.30	-59.15	-13.00	V
8836.00	-66.06	1.90	12.00	-58.11	-13.00	H
9508.14	-65.01	2.10	11.20	-58.06	-13.00	H

n12, 5MHz,DFT-OFDM, QPSK, Channel 141500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6267.29	-60.27	1.60	13.10	-50.92	-13.00	H
6577.14	-59.75	1.70	12.40	-51.20	-13.00	V
7041.86	-59.19	1.80	12.00	-51.14	-13.00	V
7598.57	-58.56	1.80	11.30	-51.21	-13.00	V
8279.14	-59.00	1.90	11.30	-51.75	-13.00	V
8906.57	-58.74	1.90	12.00	-50.79	-13.00	H

n12, 5MHz,DFT-OFDM, QPSK, Channel 142700

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6483.71	-60.72	1.60	13.10	-51.37	-13.00	H
7028.00	-60.47	1.80	12.00	-52.42	-13.00	H
7599.14	-59.05	1.80	11.30	-51.70	-13.00	H
8247.43	-59.46	1.90	11.30	-52.21	-13.00	H
8782.71	-60.05	1.90	12.00	-52.10	-13.00	H
9246.43	-60.51	2.10	11.60	-53.16	-13.00	H

**n25, 5MHz,DFT-OFDM, QPSK, Channel 370500**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12948.46	-58.26	2.50	13.80	-46.96	-13.00	V
13523.54	-56.47	2.50	12.40	-46.57	-13.00	V
14217.69	-55.40	2.50	11.90	-46.00	-13.00	V
15195.23	-55.82	2.50	12.40	-45.92	-13.00	V
16151.54	-58.30	2.60	17.40	-43.50	-13.00	V
16981.38	-55.25	2.90	16.50	-41.65	-13.00	V

n25, 5MHz,DFT-OFDM, QPSK, Channel 376500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12522.00	-64.24	2.40	13.80	-52.84	-13.00	H
12891.23	-64.44	2.70	13.80	-53.34	-13.00	V
13566.46	-62.95	2.40	12.40	-52.95	-13.00	V
14850.92	-58.25	2.70	11.20	-49.75	-13.00	H
15943.38	-57.64	2.60	15.60	-44.64	-13.00	H
17249.54	-55.56	3.20	14.50	-44.26	-13.00	H

n25, 5MHz,DFT-OFDM, QPSK, Channel 382500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
13430.77	-63.02	2.50	13.30	-52.22	-13.00	H
14127.23	-61.90	2.50	11.90	-52.50	-13.00	H
14488.15	-60.49	2.60	11.90	-51.19	-13.00	H
14900.77	-57.88	2.70	11.20	-49.38	-13.00	V
15849.23	-58.79	2.40	15.60	-45.59	-13.00	V
17066.31	-55.16	2.90	14.50	-43.56	-13.00	V

**n38, 10MHz,DFT-OFDM, QPSK, Channel 515000**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
11880.46	-63.85	2.50	11.00	-55.35	-25.00	V
12923.08	-63.88	2.50	13.80	-52.58	-25.00	V
13603.38	-62.46	2.40	12.40	-52.46	-25.00	V
14889.69	-58.46	2.70	11.20	-49.96	-25.00	H
15883.85	-60.73	2.40	15.60	-47.53	-25.00	H
16791.69	-59.23	2.90	16.50	-45.63	-25.00	V

n38, 10MHz,DFT-OFDM, QPSK, Channel 519000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
14322.92	-62.68	2.60	11.90	-53.38	-25.00	H
15004.15	-61.49	2.40	12.40	-51.49	-25.00	V
15852.00	-58.75	2.40	15.60	-45.55	-25.00	H
16165.38	-61.99	2.60	17.40	-47.19	-25.00	V
16989.23	-57.83	2.90	16.50	-44.23	-25.00	V
17816.31	-53.30	3.60	12.80	-44.10	-25.00	H

n38, 10MHz,DFT-OFDM, QPSK, Channel 523000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12243.23	-63.77	2.60	12.60	-53.77	-25.00	V
12637.85	-64.35	2.40	13.80	-52.95	-25.00	V
13584.00	-62.12	2.40	12.40	-52.12	-25.00	V
14914.15	-59.05	2.70	11.20	-50.55	-25.00	V
15930.46	-59.51	2.60	15.60	-46.51	-25.00	V
16956.46	-56.77	2.90	16.50	-43.17	-25.00	V



n41, 10MHz,DFT-OFDM, QPSK, Channel 500202

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12918.92	-63.42	2.50	13.80	-52.12	-25.00	H
13530.46	-60.85	2.50	12.40	-50.95	-25.00	V
14251.38	-60.66	2.60	11.90	-51.36	-25.00	H
14958.00	-57.70	2.70	11.20	-49.20	-25.00	H
15890.77	-59.38	2.40	15.60	-46.18	-25.00	V
16900.62	-57.70	2.90	16.50	-44.10	-25.00	H

n41, 10MHz,DFT-OFDM, QPSK, Channel 518598

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12686.31	-63.92	2.60	13.80	-52.72	-25.00	V
13332.46	-62.93	2.30	13.30	-51.93	-25.00	H
14481.23	-60.41	2.60	11.90	-51.11	-25.00	V
15194.77	-58.69	2.50	12.40	-48.79	-25.00	H
15809.08	-61.20	2.40	15.60	-48.00	-25.00	H
16828.15	-56.87	2.90	16.50	-43.27	-25.00	V

n41, 10MHz,DFT-OFDM, QPSK, Channel 537000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12150.00	-63.62	2.70	12.60	-53.72	-25.00	H
12792.00	-63.93	2.70	13.80	-52.83	-25.00	V
13458.46	-63.74	2.50	13.30	-52.94	-25.00	H
14243.54	-61.58	2.50	11.90	-52.18	-25.00	V
15074.77	-60.11	2.40	12.40	-50.11	-25.00	V
16626.92	-58.26	2.60	16.50	-44.36	-25.00	H

**n66, 5MHz,DFT-OFDM, QPSK, Channel 342500**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12899.54	-63.29	2.70	13.80	-52.19	-13.00	H
13569.23	-61.85	2.40	12.40	-51.85	-13.00	H
14120.77	-61.62	2.50	11.90	-52.22	-13.00	V
14996.77	-58.99	2.40	11.20	-50.19	-13.00	H
15980.77	-59.34	2.60	15.60	-46.34	-13.00	V
16898.77	-56.88	2.90	16.50	-43.28	-13.00	V

n66, 5MHz,DFT-OFDM, QPSK, Channel 349000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12987.69	-63.88	2.50	13.80	-52.58	-13.00	H
13534.62	-62.03	2.50	12.40	-52.13	-13.00	V
14175.69	-61.74	2.50	11.90	-52.34	-13.00	V
14889.69	-58.22	2.70	11.20	-49.72	-13.00	H
15946.62	-59.90	2.60	15.60	-46.90	-13.00	V
16881.69	-57.97	2.90	16.50	-44.37	-13.00	H

n66, 5MHz,DFT-OFDM, QPSK, Channel 355500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
14885.54	-57.43	2.70	11.20	-48.93	-13.00	V
15380.77	-60.26	2.70	12.40	-50.56	-13.00	H
15840.92	-60.51	2.40	15.60	-47.31	-13.00	V
15929.08	-60.28	2.60	15.60	-47.28	-13.00	V
16553.54	-59.63	2.60	16.50	-45.73	-13.00	H
17105.54	-55.77	2.90	14.50	-44.17	-13.00	H

Note: The maximum value of expanded measurement uncertainty for this test item is $U = 2.87\text{dB}(30\text{MHz}-3\text{GHz})/3.35\text{dB}(3\text{GHz}-18\text{GHz})/2.68\text{dB}(18\text{GHz}-40\text{GHz})$, $k = 2$



NSA

DC_2A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 500500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
11580.92	-62.78	2.60	11.00	-54.38	-25.00	H
12150.00	-62.96	2.70	12.60	-53.06	-25.00	V
12567.23	-64.58	2.40	13.80	-53.18	-25.00	V
13140.92	-63.56	2.30	13.30	-52.56	-25.00	V
14002.62	-62.56	2.50	11.90	-53.16	-25.00	H
15551.54	-61.08	2.40	15.60	-47.88	-25.00	H

DC_2A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 507000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
13566.46	-63.24	2.40	12.40	-53.24	-25.00	V
14310.00	-61.72	2.60	11.90	-52.42	-25.00	H
14850.46	-58.24	2.70	11.20	-49.74	-25.00	H
15379.38	-58.80	2.70	12.40	-49.10	-25.00	V
15931.85	-59.89	2.60	15.60	-46.89	-25.00	H
16767.23	-59.16	2.90	16.50	-45.56	-25.00	H

DC_2A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 513500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12612.00	-63.92	2.40	13.80	-52.52	-25.00	V
12943.85	-64.36	2.50	13.80	-53.06	-25.00	V
13509.23	-62.88	2.50	12.40	-52.98	-25.00	H
13996.15	-63.86	2.50	12.40	-53.96	-25.00	H
14550.46	-59.66	2.60	11.20	-51.06	-25.00	V
15201.23	-59.72	2.50	12.40	-49.82	-25.00	V



DC_2A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 342500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12781.85	-58.92	2.70	13.80	-47.82	-13.00	V
13582.62	-57.85	2.40	12.40	-47.85	-13.00	V
14600.77	-55.93	2.60	11.20	-47.33	-13.00	H
15086.77	-56.78	2.40	12.40	-46.78	-13.00	H
15971.08	-58.46	2.60	15.60	-45.46	-13.00	V
16840.62	-56.61	2.90	16.50	-43.01	-13.00	H

DC_2A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 349000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
11820.00	-56.96	2.50	11.00	-48.46	-13.00	V
12420.00	-59.12	2.60	12.60	-49.12	-13.00	V
13326.92	-58.76	2.30	13.30	-47.76	-13.00	V
14036.31	-59.54	2.50	11.90	-50.14	-13.00	V
15180.00	-56.76	2.50	12.40	-46.86	-13.00	H
16770.92	-56.41	2.90	16.50	-42.81	-13.00	V

DC_2A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 355500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
14934.00	-54.89	2.70	11.20	-46.39	-13.00	H
15203.54	-56.54	2.50	12.40	-46.64	-13.00	H
15861.69	-55.67	2.40	15.60	-42.47	-13.00	H
16434.92	-59.61	2.70	17.40	-44.91	-13.00	V
16992.92	-55.77	2.90	16.50	-42.17	-13.00	H
17519.54	-54.42	2.90	12.80	-44.52	-13.00	H



DC_5A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 500500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
13667.08	-62.62	2.40	12.40	-52.62	-25.00	V
14182.62	-61.22	2.50	11.90	-51.82	-25.00	V
14830.62	-57.56	2.70	11.20	-49.06	-25.00	V
15247.38	-61.57	2.50	12.40	-51.67	-25.00	V
15893.08	-58.62	2.40	15.60	-45.42	-25.00	H
16865.08	-57.89	2.90	16.50	-44.29	-25.00	H

DC_5A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 507000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
13525.38	-62.51	2.50	12.40	-52.61	-25.00	V
14166.00	-61.37	2.50	11.90	-51.97	-25.00	V
14921.54	-57.19	2.70	11.20	-48.69	-25.00	V
15888.92	-59.02	2.40	15.60	-45.82	-25.00	H
16552.15	-59.62	2.60	16.50	-45.72	-25.00	V
16945.38	-57.05	2.90	16.50	-43.45	-25.00	V

DC_5A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 513500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
13094.77	-64.03	2.30	13.30	-53.03	-25.00	V
13540.62	-63.36	2.50	12.40	-53.46	-25.00	H
14004.46	-62.11	2.50	11.90	-52.71	-25.00	V
14402.31	-62.64	2.60	11.90	-53.34	-25.00	V
15084.92	-60.05	2.40	12.40	-50.05	-25.00	H
15834.92	-60.80	2.40	15.60	-47.60	-25.00	H

**DC_5A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 342500**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
6134.14	-60.91	1.60	13.10	-49.41	-13.00	H
6597.86	-60.09	1.70	12.40	-49.39	-13.00	H
6990.00	-61.79	1.80	12.40	-51.19	-13.00	V
7435.14	-60.74	1.90	12.00	-50.64	-13.00	V
8367.14	-59.18	1.80	11.30	-49.68	-13.00	H
9293.71	-61.56	2.00	11.60	-51.96	-13.00	V

DC_5A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 349000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
7085.00	-59.66	1.80	12.00	-49.46	-13.00	V
7511.00	-60.25	1.90	11.30	-50.85	-13.00	V
7940.29	-59.10	1.90	11.30	-49.70	-13.00	H
8367.00	-58.42	1.80	11.30	-48.92	-13.00	V
8916.43	-59.24	1.90	12.00	-49.14	-13.00	V
9510.00	-58.06	2.10	11.20	-48.96	-13.00	H

DC_5A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 355500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
6861.71	-60.42	1.80	12.40	-49.82	-13.00	H
7174.86	-61.43	1.80	12.00	-51.23	-13.00	V
7785.57	-59.89	1.80	11.30	-50.39	-13.00	V
8162.14	-59.36	1.80	11.30	-49.86	-13.00	H
9203.86	-60.80	2.10	11.60	-51.30	-13.00	H
9595.57	-59.05	2.10	11.20	-49.95	-13.00	H

**DC_7A_n5A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 165300**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6302.00	-66.69	1.60	13.10	-57.34	-13.00	V
6628.29	-65.59	1.80	12.40	-57.14	-13.00	H
7082.43	-69.25	1.80	12.00	-61.20	-13.00	V
7442.57	-67.95	1.90	12.00	-60.00	-13.00	V
8004.86	-67.18	2.00	11.30	-60.03	-13.00	V
8463.43	-67.59	1.80	11.30	-60.24	-13.00	V

DC_7A_n5A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 167300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6968.14	-60.03	1.80	12.40	-51.58	-13.00	H
7171.14	-59.69	1.90	12.00	-51.74	-13.00	H
7578.57	-60.01	1.80	11.30	-52.66	-13.00	H
7953.86	-58.75	1.90	11.30	-51.50	-13.00	H
8263.57	-58.71	1.90	11.30	-51.46	-13.00	H
8974.86	-58.91	2.00	12.00	-51.06	-13.00	H

DC_7A_n5A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 169300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
6640.71	-65.62	1.80	12.40	-57.17	-13.00	H
6978.00	-68.20	1.80	12.40	-59.75	-13.00	V
7204.00	-69.30	1.80	12.00	-61.25	-13.00	V
7643.14	-66.73	1.80	11.30	-59.38	-13.00	V
8295.86	-68.32	1.90	11.30	-61.07	-13.00	H
8595.14	-69.72	2.00	12.00	-61.87	-13.00	H



DC_7A_n66A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 342500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
7488.00	-59.29	1.90	12.00	-49.19	-13.00	V
9809.54	-59.36	2.30	11.20	-50.46	-13.00	V
12273.69	-55.73	2.60	12.60	-45.73	-13.00	V
14048.31	-57.51	2.50	11.90	-48.11	-13.00	V
15641.54	-59.03	2.70	15.60	-46.13	-13.00	H
16836.00	-54.62	2.90	16.50	-41.02	-13.00	V

DC_7A_n66A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 349000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
9666.46	-60.33	2.10	11.20	-51.23	-13.00	V
11548.15	-56.29	2.60	11.00	-47.89	-13.00	V
12414.92	-58.55	2.60	12.60	-48.55	-13.00	H
14499.23	-56.72	2.60	11.90	-47.42	-13.00	H
15801.23	-58.51	2.40	15.60	-45.31	-13.00	V
16843.85	-56.30	2.90	16.50	-42.70	-13.00	V

DC_7A_n66A, LTE 5MHz+NR 5MHzMHz,DFT-OFDM, QPSK, Channel NR 355500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12052.15	-57.57	2.70	12.60	-47.67	-13.00	H
12858.46	-58.83	2.70	13.80	-47.73	-13.00	H
14145.69	-57.09	2.50	11.90	-47.69	-13.00	H
14935.38	-54.11	2.70	11.20	-45.61	-13.00	H
16281.69	-58.52	2.70	17.40	-43.82	-13.00	V
17070.92	-54.90	2.90	14.50	-43.30	-13.00	H



DC_12A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 342500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
7024.71	-60.76	1.80	12.00	-50.56	-13.00	V
7672.86	-59.75	1.80	11.30	-50.25	-13.00	H
7942.57	-61.32	1.90	11.30	-51.92	-13.00	V
8599.71	-61.33	2.00	12.00	-51.33	-13.00	V
8873.29	-59.55	1.90	12.00	-49.45	-13.00	H
9541.57	-60.19	2.10	11.20	-51.09	-13.00	H

DC_12A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 349000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
6736.00	-61.33	1.70	12.40	-50.63	-13.00	V
7309.71	-61.26	1.90	12.00	-51.16	-13.00	H
7754.29	-60.87	1.80	11.30	-51.37	-13.00	V
8373.14	-60.84	1.80	11.30	-51.34	-13.00	V
8828.14	-61.21	1.90	12.00	-51.11	-13.00	H
9162.86	-60.92	2.10	11.60	-51.42	-13.00	V

DC_12A_n66A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 355500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
6246.14	-60.71	1.60	13.10	-49.21	-13.00	H
6549.86	-60.60	1.70	12.40	-49.90	-13.00	V
6993.00	-62.02	1.80	12.40	-51.42	-13.00	V
7591.71	-58.93	1.80	11.30	-49.43	-13.00	V
8384.57	-60.08	1.80	11.30	-50.58	-13.00	V
9258.57	-61.66	2.10	11.60	-52.16	-13.00	V

**DC_25A_n41A, LTE 5MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 500202**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
4425.75	-58.72	1.30	12.40	-47.62	-25.00	H
5817.00	-57.28	1.50	13.10	-45.68	-25.00	H
10517.54	-56.16	2.30	10.80	-47.66	-25.00	H
13386.92	-56.41	2.30	13.30	-45.41	-25.00	H
15851.54	-56.89	2.40	15.60	-43.69	-25.00	H
17023.85	-52.27	2.90	14.50	-40.67	-25.00	H

DC_25A_n41A, LTE 5MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 518598

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
5178.38	-52.20	1.60	12.50	-41.30	-25.00	H
7796.77	-57.42	1.80	11.30	-47.92	-25.00	H
10420.15	-55.56	2.30	11.30	-46.56	-25.00	V
12390.00	-56.88	2.60	12.60	-46.88	-25.00	V
14920.15	-53.12	2.70	11.20	-44.62	-25.00	H
16972.62	-53.59	2.90	16.50	-39.99	-25.00	V

DC_25A_n41A, LTE 5MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 537000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
5362.12	-53.96	1.30	12.50	-42.76	-25.00	V
7021.85	-56.93	1.80	12.00	-46.73	-25.00	H
8874.00	-57.93	1.90	12.00	-47.83	-25.00	H
10565.54	-55.25	2.30	10.80	-46.75	-25.00	V
13210.62	-57.41	2.40	13.30	-46.51	-25.00	V
16946.31	-54.16	2.90	16.50	-40.56	-25.00	H



DC_26A_n41A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 500202

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
5127.00	-57.09	1.30	12.50	-45.89	-25.00	H
5981.25	-56.41	1.50	13.10	-44.81	-25.00	V
8832.92	-58.69	1.90	12.00	-48.59	-25.00	V
11128.62	-55.77	2.50	10.50	-47.77	-25.00	V
15882.00	-55.43	2.40	15.60	-42.23	-25.00	H
16974.00	-54.10	2.90	16.50	-40.50	-25.00	H

DC_26A_n41A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 518598

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
3963.38	-58.87	1.20	12.20	-47.87	-25.00	V
5478.75	-56.60	1.30	12.50	-45.40	-25.00	H
10411.38	-55.65	2.30	11.30	-46.65	-25.00	H
13400.77	-56.91	2.30	13.30	-45.91	-25.00	H
15860.77	-55.61	2.40	15.60	-42.41	-25.00	H
16989.23	-54.07	2.90	16.50	-40.47	-25.00	V

DC_26A_n41A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 537000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
4286.62	-58.51	1.20	12.40	-47.31	-25.00	V
5362.12	-52.42	1.30	12.50	-41.22	-25.00	H
8284.62	-57.58	1.90	11.30	-48.18	-25.00	V
10409.54	-55.59	2.30	11.30	-46.59	-25.00	V
14850.00	-52.58	2.70	11.20	-44.08	-25.00	H
17047.38	-51.28	2.90	14.50	-39.68	-25.00	H



DC_66A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 500500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12781.85	-57.47	2.70	13.80	-46.37	-25.00	H
13425.23	-58.83	2.50	13.30	-48.03	-25.00	H
13757.54	-59.14	2.50	12.40	-49.24	-25.00	H
14413.38	-56.74	2.60	11.90	-47.44	-25.00	H
15489.23	-56.53	2.40	12.40	-46.53	-25.00	V
16778.31	-56.93	2.90	16.50	-43.33	-25.00	V

DC_66A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 507000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
13724.31	-58.99	2.50	12.40	-49.09	-25.00	H
14400.00	-58.43	2.60	11.90	-49.13	-25.00	V
14940.00	-53.72	2.70	11.20	-45.22	-25.00	H
15467.54	-57.21	2.40	12.40	-47.21	-25.00	V
15912.92	-57.11	2.60	15.60	-44.11	-25.00	V
16916.31	-54.34	2.90	16.50	-40.74	-25.00	H

DC_66A_n7A, LTE 1.4MHz+NR 1.4MHzMHz,DFT-OFDM, QPSK, Channel NR 513500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak EIRP(dBm)	Limit (dBm)	Polarization
12154.15	-57.95	2.60	12.60	-47.95	-25.00	H
12781.85	-58.83	2.70	13.80	-47.73	-25.00	H
13393.38	-58.53	2.30	13.30	-47.53	-25.00	V
14218.62	-56.67	2.50	11.90	-47.27	-25.00	V
14966.31	-54.44	2.70	11.20	-45.94	-25.00	H
16787.08	-55.38	2.90	16.50	-41.78	-25.00	V

Note: The maximum value of expanded measurement uncertainty for this test item is U = 2.87dB(30MHz-3GHz)/3.35dB(3GHz-18GHz)/2.68dB(18GHz-40GHz), k = 2



A.3 FREQUENCY STABILITY

Reference

FCC: CFR Part 2.1055, 22.355, 24.235, 27.54.

A.3.1 Method of Measurement

In order to measure the carrier frequency under the condition of AFC lock, it is necessary to make measurements with the EUT in a "call mode". This is accomplished with the use of E7515B DIGITAL RADIO COMMUNICATION TESTER.

1. Measure the carrier frequency at room temperature.
2. Subject the EUT to overnight soak at -30°C.
3. With the EUT, powered via nominal voltage, connected to the E7515B and in a simulated call on middle channel, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
4. Repeat the above measurements at 10°C increments from -30°C to +50°C. Allow at least 1.5 hours at each temperature, unpowered, before making measurements.
5. Re-measure carrier frequency at room temperature with nominal voltage. Vary supply voltage from minimum voltage to maximum voltage, in 0.1Volt increments re-measuring carrier frequency at each voltage. Pause at nominal voltage for 1.5 hours unpowered, to allow any self-heating to stabilize, before continuing.
6. Subject the EUT to overnight soak at +50°C.
7. With the EUT, powered via nominal voltage, connected to the E7515B and in a simulated call on the centre channel, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming.
8. Repeat the above measurements at 10 °C increments from +50°C to -30°C. Allow at least 1.5 hours at each temperature, unpowered, before making measurements.
9. At all temperature levels hold the temperature to +/- 0.5°C during the measurement procedure.

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. As this transceiver is considered "Hand carried, battery powered equipment" Section 2.1055(d)(2) applies. This requires that the lower voltage for frequency stability testing be specified by the manufacturer. This transceiver is specified to operate with an input voltage of the lower, higher and nominal voltage. Operation above or below these voltage limits is prohibited by transceiver software in order to prevent improper operation as well as to protect components from overstress.