



ULCA_4A-13A									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B4 BW 20MHz Lowest 1RB0,QPSK	3422.18	-61.73	-13	-48.73	-76.57	-68.49	5.82	12.58	H
	5133.27	-49.84	-13	-36.84	-71.55	-55.56	7.28	13.00	H
	6844.36	-55.30	-13	-42.30	-79.21	-58.46	8.32	11.48	H
	3422.18	-62.62	-13	-49.62	-76.96	-69.38	5.82	12.58	V
	5133.27	-52.28	-13	-39.28	-73.21	-58.00	7.28	13.00	V
	6844.36	-56.26	-13	-43.26	-79.29	-59.42	8.32	11.48	V
LTE B13 BW 10MHz Lowest 1RB0,QPSK	1555	-64.66	-13	-51.66	-73.80	-67.89	3.98	9.36	H
	2332.5	-62.28	-13	-49.28	-76.24	-65.83	4.85	10.55	H
	3110	-61.57	-13	-48.57	-76.92	-66.50	5.50	12.58	H
	1555	-65.53	-13	-52.53	-74.18	-68.76	3.98	9.36	V
	2332.5	-63.08	-13	-50.08	-76.80	-66.63	4.85	10.55	V
	3110	-62.17	-13	-49.17	-77.16	-67.10	5.50	12.58	V
LTE B4 BW 20MHz Middle 1RB0,QPSK	3444	-51.28	-13	-38.28	-66.57	-58.03	5.85	12.60	H
	5170.77	-38.88	-13	-25.88	-60.64	-44.68	7.30	13.10	H
	6894.36	-56.14	-13	-43.14	-79.93	-59.29	8.35	11.50	H
	3444	-51.94	-13	-38.94	-66.74	-58.69	5.85	12.60	V
	5170.77	-45.67	-13	-32.67	-66.5	-51.47	7.30	13.10	V
	6894.36	-56.45	-13	-43.45	-79.65	-59.60	8.35	11.50	V
LTE B13 BW 10MHz Middle 1RB0,QPSK	1555	-65.17	-13	-52.17	-74.31	-68.42	4.00	9.40	H
	2332.5	-63.03	-13	-50.03	-76.99	-66.60	4.88	10.60	H
	3110	-61.92	-13	-48.92	-77.27	-66.85	5.52	12.60	H
	1555	-65.84	-13	-52.84	-74.49	-69.09	4.00	9.40	V
	2332.5	-63.20	-13	-50.20	-76.92	-66.77	4.88	10.60	V
	3110	-62.04	-13	-49.04	-77.03	-66.97	5.52	12.60	V
LTE B4 BW 20MHz Highest 1RB0,QPSK	3472.18	-61.71	-13	-48.71	-77.23	-68.45	5.88	12.62	H
	5208.27	-47.88	-13	-34.88	-69.27	-53.69	7.32	13.13	H
	6944.36	-56.33	-13	-43.33	-79.98	-59.49	8.38	11.54	H
	3472.18	-62.32	-13	-49.32	-77.35	-69.06	5.88	12.62	V
	5208.27	-53.70	-13	-40.70	-74.02	-59.51	7.32	13.13	V
	6944.36	-56.59	-13	-43.59	-79.96	-59.75	8.38	11.54	V
LTE B13 BW 10MHz Highest 1RB0,QPSK	1555	-64.53	-13	-51.53	-73.67	-67.70	4.10	9.42	H
	2332.5	-62.50	-13	-49.50	-76.46	-66.08	4.90	10.63	H
	3110	-61.64	-13	-48.64	-76.99	-66.56	5.55	12.62	H
	1555	-65.69	-13	-52.69	-74.34	-68.86	4.10	9.42	V
	2332.5	-63.06	-13	-50.06	-76.78	-66.64	4.90	10.63	V
	3110	-61.96	-13	-48.96	-76.95	-66.88	5.55	12.62	V

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



ULCA_12A-66A									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B12 BW 10MHz Lowest 1RB25,QPSK	1399	-64.49	-13	-51.49	-74.13	-67.72	3.98	9.36	H
	2098.5	-62.52	-13	-49.52	-76.57	-66.07	4.85	10.55	H
	2798	-62.16	-13	-49.16	-76.28	-67.09	5.50	12.58	H
	1399	-64.50	-13	-51.50	-73.83	-67.73	3.98	9.36	V
	2098.5	-63.11	-13	-50.11	-76.83	-66.66	4.85	10.55	V
	2798	-62.44	-13	-49.44	-76.23	-67.37	5.50	12.58	V
LTE B66 BW 20MHz Lowest 1RB0,QPSK	3422	-62.44	-13	-49.44	-77.28	-69.20	5.82	12.58	H
	5133	-58.09	-13	-45.09	-79.80	-63.81	7.28	13.00	H
	6844	-56.44	-13	-43.44	-80.35	-59.60	8.32	11.48	H
	3422	-63.07	-13	-50.07	-77.41	-69.83	5.82	12.58	V
	5133	-58.61	-13	-45.61	-79.54	-64.33	7.28	13.00	V
	6844	-57.26	-13	-44.26	-80.29	-60.42	8.32	11.48	V
LTE B12 BW 10MHz Middle 1RB25,QPSK	1406	-64.56	-13	-51.56	-74.33	-67.81	4.00	9.40	H
	2109	-62.56	-13	-49.56	-76.61	-66.13	4.88	10.60	H
	2812	-62.45	-13	-49.45	-76.62	-67.38	5.52	12.60	H
	1406	-64.92	-13	-51.92	-74.36	-68.17	4.00	9.40	V
	2109	-62.86	-13	-49.86	-76.58	-66.43	4.88	10.60	V
	2812	-62.79	-13	-49.79	-76.63	-67.72	5.52	12.60	V
LTE B66 BW 20MHz Middle 1RB0,QPSK	3472	-62.08	-13	-49.08	-77.60	-68.83	5.85	12.60	H
	5208	-56.61	-13	-43.61	-78.00	-62.41	7.30	13.10	H
	6944	-56.85	-13	-43.85	-80.50	-60.00	8.35	11.50	H
	3472	-62.53	-13	-49.53	-77.56	-69.28	5.85	12.60	V
	5208	-59.96	-13	-46.96	-80.28	-65.76	7.30	13.10	V
	6944	-57.65	-13	-44.65	-81.02	-60.80	8.35	11.50	V
LTE B12 BW 10MHz Highest 1RB25,QPSK	1413	-64.50	-13	-51.50	-74.27	-67.67	4.10	9.42	H
	2119.5	-62.21	-13	-49.21	-76.40	-65.79	4.90	10.63	H
	2826	-58.28	-13	-45.28	-72.46	-63.20	5.55	12.62	H
	1413	-64.61	-13	-51.61	-74.05	-67.78	4.10	9.42	V
	2119.5	-62.86	-13	-49.86	-76.74	-66.44	4.90	10.63	V
	2826	-59.84	-13	-46.84	-73.69	-64.76	5.55	12.62	V
LTE B66 BW 20MHz Highest 1RB0,QPSK	3522	-61.23	-13	-48.23	-77.42	-67.97	5.88	12.62	H
	5283	-58.92	-13	-45.92	-79.68	-64.73	7.32	13.13	H
	7044	-56.07	-13	-43.07	-80.21	-59.23	8.38	11.54	H
	3522	-61.71	-13	-48.71	-77.42	-68.45	5.88	12.62	V
	5283	-60.56	-13	-47.56	-80.26	-66.37	7.32	13.13	V
	7044	-56.23	-13	-43.23	-80.2	-59.39	8.38	11.54	V

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



ULCA_13A-66A									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B13 BW 10MHz Lowest 1RB0,QPSK	1555	-65.47	-13	-52.47	-74.61	-68.70	3.98	9.36	H
	2332.5	-63.07	-13	-50.07	-77.03	-66.62	4.85	10.55	H
	3110	-61.43	-13	-48.43	-76.78	-66.36	5.50	12.58	H
	1555	-65.57	-13	-52.57	-74.22	-68.80	3.98	9.36	V
	2332.5	-63.19	-13	-50.19	-76.91	-66.74	4.85	10.55	V
	3110	-61.95	-13	-48.95	-76.94	-66.88	5.50	12.58	V
LTE B66 BW 20MHz Lowest 1RB0,QPSK	3422	-62.83	-13	-49.83	-77.67	-69.59	5.82	12.58	H
	5133	-56.65	-13	-43.65	-78.36	-62.37	7.28	13.00	H
	6844	-56.57	-13	-43.57	-80.48	-59.73	8.32	11.48	H
	3422	-63.36	-13	-50.36	-77.7	-70.12	5.82	12.58	V
	5133	-59.46	-13	-46.46	-80.39	-65.18	7.28	13.00	V
	6844	-57.74	-13	-44.74	-80.77	-60.90	8.32	11.48	V
LTE B13 BW 10MHz Middle 1RB0,QPSK	1555	-65.42	-13	-52.42	-74.56	-68.67	4.00	9.40	H
	2332.5	-62.63	-13	-49.63	-76.59	-66.20	4.88	10.60	H
	3110	-61.27	-13	-48.27	-76.62	-66.20	5.52	12.60	H
	1555	-65.82	-13	-52.82	-74.47	-69.07	4.00	9.40	V
	2332.5	-63.19	-13	-50.19	-76.91	-66.76	4.88	10.60	V
	3110	-61.89	-13	-48.89	-76.88	-66.82	5.52	12.60	V
LTE B66 BW 20MHz Middle 1RB0,QPSK	3472	-61.64	-13	-48.64	-77.16	-68.39	5.85	12.60	H
	5208	-54.48	-13	-41.48	-75.87	-60.28	7.30	13.10	H
	6944	-56.95	-13	-43.95	-80.60	-60.10	8.35	11.50	H
	3472	-62.47	-13	-49.47	-77.5	-69.22	5.85	12.60	V
	5208	-59.89	-13	-46.89	-80.21	-65.69	7.30	13.10	V
	6944	-57.45	-13	-44.45	-80.82	-60.60	8.35	11.50	V
LTE B13 BW 10MHz Highest 1RB0,QPSK	1555	-65.68	-13	-52.68	-74.82	-68.85	4.10	9.42	H
	2332.5	-62.87	-13	-49.87	-76.83	-66.45	4.90	10.63	H
	3110	-60.68	-13	-47.68	-76.03	-65.60	5.55	12.62	H
	1555	-65.77	-13	-52.77	-74.42	-68.94	4.10	9.42	V
	2332.5	-63.20	-13	-50.20	-76.92	-66.78	4.90	10.63	V
	3110	-61.94	-13	-48.94	-76.93	-66.86	5.55	12.62	V
LTE B66 BW 20MHz Highest 1RB0,QPSK	3522	-61.54	-13	-48.54	-77.73	-68.28	5.88	12.62	H
	5283	-54.04	-13	-41.04	-74.80	-59.85	7.32	13.13	H
	7044	-56.33	-13	-43.33	-80.47	-59.49	8.38	11.54	H
	3522	-61.95	-13	-48.95	-77.66	-68.69	5.88	12.62	V
	5283	-56.79	-13	-43.79	-76.49	-62.60	7.32	13.13	V
	7044	-56.88	-13	-43.88	-80.85	-60.04	8.38	11.54	V

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



Bottom Antenna

ULCA_2A-12A

Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B2 BW 20MHz Lowest 1RB0,QPSK	3702.18	-58.05	-13	-45.05	-75.72	-64.81	5.82	12.58	H
	5553.27	-46.29	-13	-33.29	-67.83	-52.01	7.28	13.00	H
	7404.36	-55.15	-13	-42.15	-81.31	-58.31	8.32	11.48	H
	3702.18	-59.37	-13	-46.37	-76.37	-66.13	5.82	12.58	V
	5553.27	-51.01	-13	-38.01	-71.79	-56.73	7.28	13.00	V
	7404.36	-55.86	-13	-42.86	-81.31	-59.02	8.32	11.48	V
LTE B12 BW 10MHz Lowest 1RB25,QPSK	1399	-65.65	-13	-52.65	-75.29	-68.88	3.98	9.36	H
	2098.5	-63.34	-13	-50.34	-77.39	-66.89	4.85	10.55	H
	2798	-63.26	-13	-50.26	-77.38	-68.19	5.50	12.58	H
	1399	-65.63	-13	-52.63	-74.96	-68.86	3.98	9.36	V
	2098.5	-64.02	-13	-51.02	-77.74	-67.57	4.85	10.55	V
	2798	-63.35	-13	-50.35	-77.14	-68.28	5.50	12.58	V
LTE B2 BW 20MHz Middle 1RB0,QPSK	3742.18	-58.98	-13	-45.98	-76.77	-65.73	5.85	12.60	H
	5613.27	-43.09	-13	-30.09	-64.61	-48.89	7.30	13.10	H
	7484.36	-55.78	-13	-42.78	-81.44	-58.93	8.35	11.50	H
	3742.18	-60.13	-13	-47.13	-77.19	-66.88	5.85	12.60	V
	5613.27	-49.68	-13	-36.68	-70.55	-55.48	7.30	13.10	V
	7484.36	-56.48	-13	-43.48	-81.5	-59.63	8.35	11.50	V
LTE B12 BW 10MHz Middle 1RB25,QPSK	1406	-64.22	-13	-51.22	-73.99	-67.47	4.00	9.40	H
	2109	-56.12	-13	-43.12	-70.17	-59.69	4.88	10.60	H
	2812	-62.32	-13	-49.32	-76.49	-67.25	5.52	12.60	H
	1406	-64.68	-13	-51.68	-74.12	-67.93	4.00	9.40	V
	2109	-63.06	-13	-50.06	-76.78	-66.63	4.88	10.60	V
	2812	-62.78	-13	-49.78	-76.62	-67.71	5.52	12.60	V
LTE B2 BW 20MHz Highest 1RB0,QPSK	3782.18	-61.46	-13	-48.46	-79.42	-68.20	5.88	12.62	H
	5673.27	-54.92	-13	-41.92	-76.54	-60.73	7.32	13.13	H
	7564.36	-56.12	-13	-43.12	-81.17	-59.28	8.38	11.54	H
	3782.18	-62.25	-13	-49.25	-79.38	-68.99	5.88	12.62	V
	5673.27	-60.28	-13	-47.28	-80.89	-66.09	7.32	13.13	V
	7564.36	-56.60	-13	-43.60	-81.11	-59.76	8.38	11.54	V
LTE B12 BW 10MHz Highest 1RB25,QPSK	1413	-65.43	-13	-52.43	-75.20	-68.60	4.10	9.42	H
	2119.5	-62.96	-13	-49.96	-77.15	-66.54	4.90	10.63	H
	2826	-63.23	-13	-50.23	-77.41	-68.15	5.55	12.62	H
	1413	-65.79	-13	-52.79	-75.23	-68.96	4.10	9.42	V
	2119.5	-63.38	-13	-50.38	-77.26	-66.96	4.90	10.63	V
	2826	-63.47	-13	-50.47	-77.32	-68.39	5.55	12.62	V

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



ULCA_2A-13A									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B2 BW 20MHz Lowest 1RB0,QPSK	3702.18	-61.33	-13	-48.33	-79.00	-68.09	5.82	12.58	H
	5553.27	-58.43	-13	-45.43	-79.97	-64.15	7.28	13.00	H
	7404.36	-54.69	-13	-41.69	-80.85	-57.85	8.32	11.48	H
	3702.18	-61.92	-13	-48.92	-78.92	-68.68	5.82	12.58	V
	5553.27	-59.74	-13	-46.74	-80.52	-65.46	7.28	13.00	V
	7404.36	-55.20	-13	-42.20	-80.65	-58.36	8.32	11.48	V
LTE B13 BW 10MHz Lowest 1RB0,QPSK	1555	-66.32	-13	-53.32	-75.46	-69.55	3.98	9.36	H
	2332.5	-63.61	-13	-50.61	-77.57	-67.16	4.85	10.55	H
	3110	-62.35	-13	-49.35	-77.70	-67.28	5.50	12.58	H
	1555	-66.36	-13	-53.36	-75.01	-69.59	3.98	9.36	V
	2332.5	-63.80	-13	-50.80	-77.52	-67.35	4.85	10.55	V
	3110	-62.71	-13	-49.71	-77.70	-67.64	5.50	12.58	V
LTE B2 BW 20MHz Middle 1RB0,QPSK	3742.18	-61.01	-13	-48.01	-78.80	-67.76	5.85	12.60	H
	5613.27	-54.86	-13	-41.86	-76.38	-60.66	7.30	13.10	H
	7484.36	-55.10	-13	-42.10	-80.76	-58.25	8.35	11.50	H
	3742.18	-62.06	-13	-49.06	-79.12	-68.81	5.85	12.60	V
	5613.27	-57.59	-13	-44.59	-78.46	-63.39	7.30	13.10	V
	7484.36	-55.97	-13	-42.97	-80.99	-59.12	8.35	11.50	V
LTE B13 BW 10MHz Middle 1RB0,QPSK	1555	-66.79	-13	-53.79	-75.93	-70.04	4.00	9.40	H
	2332.5	-63.50	-13	-50.50	-77.46	-67.07	4.88	10.60	H
	3110	-62.50	-13	-49.50	-77.85	-67.43	5.52	12.60	H
	1555	-66.90	-13	-53.90	-75.55	-70.15	4.00	9.40	V
	2332.5	-63.67	-13	-50.67	-77.39	-67.24	4.88	10.60	V
	3110	-62.85	-13	-49.85	-77.84	-67.78	5.52	12.60	V
LTE B2 BW 20MHz Highest 1RB0,QPSK	3782.18	-61.32	-13	-48.32	-79.28	-68.06	5.88	12.62	H
	5673.27	-59.26	-13	-46.26	-80.88	-65.07	7.32	13.13	H
	7564.36	-55.78	-13	-42.78	-80.83	-58.94	8.38	11.54	H
	3782.18	-62.22	-13	-49.22	-79.35	-68.96	5.88	12.62	V
	5673.27	-60.38	-13	-47.38	-80.99	-66.19	7.32	13.13	V
	7564.36	-56.12	-13	-43.12	-80.63	-59.28	8.38	11.54	V
LTE B13 BW 10MHz Highest 1RB0,QPSK	1555	-66.57	-13	-53.57	-75.71	-69.74	4.10	9.42	H
	2332.5	-63.57	-13	-50.57	-77.53	-67.15	4.90	10.63	H
	3110	-61.76	-13	-48.76	-77.11	-66.68	5.55	12.62	H
	1555	-67.01	-13	-54.01	-75.66	-70.18	4.10	9.42	V
	2332.5	-63.14	-13	-50.14	-76.86	-66.72	4.90	10.63	V
	3110	-62.43	-13	-49.43	-77.42	-67.35	5.55	12.62	V

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



ULCA_4A-12A									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B4 BW 20MHz Lowest 1RB0,QPSK	3422.18	-63.52	-13	-50.52	-78.36	-70.28	5.82	12.58	H
	5133.27	-58.43	-13	-45.43	-80.14	-64.15	7.28	13.00	H
	6844.36	-56.48	-13	-43.48	-80.39	-59.64	8.32	11.48	H
	3422.18	-63.87	-13	-50.87	-78.21	-70.63	5.82	12.58	V
	5133.27	-57.64	-13	-44.64	-78.57	-63.36	7.28	13.00	V
	6844.36	-57.15	-13	-44.15	-80.18	-60.31	8.32	11.48	V
LTE B12 BW 10MHz Lowest 1RB25,QPSK	1399	-64.37	-13	-51.37	-74.01	-67.60	3.98	9.36	H
	2098.5	-62.98	-13	-49.98	-77.03	-66.53	4.85	10.55	H
	2798	-62.35	-13	-49.35	-76.47	-67.28	5.50	12.58	H
	1399	-64.34	-13	-51.34	-73.67	-67.57	3.98	9.36	V
	2098.5	-63.18	-13	-50.18	-76.90	-66.73	4.85	10.55	V
	2798	-62.64	-13	-49.64	-76.43	-67.57	5.50	12.58	V
LTE B4 BW 20MHz Middle 1RB0,QPSK	3447.18	-63.05	-13	-50.05	-78.34	-69.80	5.85	12.60	H
	5170.77	-55.55	-13	-42.55	-77.31	-61.35	7.30	13.10	H
	6894.36	-56.84	-13	-43.84	-80.63	-59.99	8.35	11.50	H
	3447.18	-64.00	-13	-51.00	-78.8	-70.75	5.85	12.60	V
	5170.77	-53.74	-13	-40.74	-74.57	-59.54	7.30	13.10	V
	6894.36	-57.26	-13	-44.26	-80.46	-60.41	8.35	11.50	V
LTE B12 BW 10MHz Middle 1RB25,QPSK	1406	-64.78	-13	-51.78	-74.55	-68.03	4.00	9.40	H
	2109	-62.58	-13	-49.58	-76.63	-66.15	4.88	10.60	H
	2812	-62.29	-13	-49.29	-76.46	-67.22	5.52	12.60	H
	1406	-65.22	-13	-52.22	-74.66	-68.47	4.00	9.40	V
	2109	-63.08	-13	-50.08	-76.80	-66.65	4.88	10.60	V
	2812	-62.80	-13	-49.80	-76.64	-67.73	5.52	12.60	V
LTE B4 BW 20MHz Highest 1RB0,QPSK	3472.18	-62.63	-13	-49.63	-78.15	-69.37	5.88	12.62	H
	5208.27	-56.25	-13	-43.25	-77.64	-62.06	7.32	13.13	H
	6944.36	-57.60	-13	-44.60	-81.25	-60.76	8.38	11.54	H
	3472.18	-62.01	-13	-49.01	-77.04	-68.75	5.88	12.62	V
	5208.27	-52.61	-13	-39.61	-72.93	-58.42	7.32	13.13	V
	6944.36	-57.78	-13	-44.78	-81.15	-60.94	8.38	11.54	V
LTE B12 BW 10MHz Highest 1RB25,QPSK	1413	-63.92	-13	-50.92	-73.69	-67.09	4.10	9.42	H
	2119.5	-62.16	-13	-49.16	-76.35	-65.74	4.90	10.63	H
	2826	-61.79	-13	-48.79	-75.97	-66.71	5.55	12.62	H
	1413	-64.55	-13	-51.55	-73.99	-67.72	4.10	9.42	V
	2119.5	-62.67	-13	-49.67	-76.55	-66.25	4.90	10.63	V
	2826	-62.80	-13	-49.80	-76.65	-67.72	5.55	12.62	V

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



ULCA 4A-13A									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B4 BW 20MHz Lowest 1RB0,QPSK	3422.18	-56.95	-13	-43.95	-71.79	-63.71	5.82	12.58	H
	5133.27	-45.80	-13	-32.80	-67.51	-51.52	7.28	13.00	H
	6844.36	-56.56	-13	-43.56	-80.47	-59.72	8.32	11.48	H
	3422.18	-57.07	-13	-44.07	-71.41	-63.83	5.82	12.58	V
	5133.27	-48.13	-13	-35.13	-69.06	-53.85	7.28	13.00	V
	6844.36	-57.41	-13	-44.41	-80.44	-60.57	8.32	11.48	V
LTE B13 BW 10MHz Lowest 1RB0,QPSK	1555	-64.51	-13	-51.51	-73.65	-67.74	3.98	9.36	H
	2332.5	-62.44	-13	-49.44	-76.40	-65.99	4.85	10.55	H
	3110	-61.47	-13	-48.47	-76.82	-66.40	5.50	12.58	H
	1555	-65.36	-13	-52.36	-74.01	-68.59	3.98	9.36	V
	2332.5	-62.82	-13	-49.82	-76.54	-66.37	4.85	10.55	V
	3110	-61.53	-13	-48.53	-76.52	-66.46	5.50	12.58	V
LTE B4 BW 20MHz Middle 1RB0,QPSK	3447.18	-55.20	-13	-42.20	-70.49	-61.95	5.85	12.60	H
	5170.77	-44.77	-13	-31.77	-66.53	-50.57	7.30	13.10	H
	6894.36	-56.66	-13	-43.66	-80.45	-59.81	8.35	11.50	H
	3447.18	-62.86	-13	-49.86	-77.66	-69.61	5.85	12.60	V
	5170.77	-47.85	-13	-34.85	-68.68	-53.65	7.30	13.10	V
	6894.36	-56.90	-13	-43.90	-80.1	-60.05	8.35	11.50	V
LTE B13 BW 10MHz Middle 1RB0,QPSK	1555	-65.16	-13	-52.16	-74.30	-68.41	4.00	9.40	H
	2332.5	-62.67	-13	-49.67	-76.63	-66.24	4.88	10.60	H
	3110	-60.64	-13	-47.64	-75.99	-65.57	5.52	12.60	H
	1555	-65.49	-13	-52.49	-74.14	-68.74	4.00	9.40	V
	2332.5	-62.91	-13	-49.91	-76.63	-66.48	4.88	10.60	V
	3110	-61.94	-13	-48.94	-76.93	-66.87	5.52	12.60	V
LTE B4 BW 20MHz Highest 1RB0,QPSK	3472.18	-62.13	-13	-49.13	-77.65	-68.87	5.88	12.62	H
	5208.27	-56.89	-13	-43.89	-78.28	-62.70	7.32	13.13	H
	6944.36	-56.49	-13	-43.49	-80.14	-59.65	8.38	11.54	H
	3472.18	-62.44	-13	-49.44	-77.47	-69.18	5.88	12.62	V
	5208.27	-59.29	-13	-46.29	-79.61	-65.10	7.32	13.13	V
	6944.36	-57.39	-13	-44.39	-80.76	-60.55	8.38	11.54	V
LTE B13 BW 10MHz Highest 1RB0,QPSK	1555	-65.04	-13	-52.04	-74.18	-68.21	4.10	9.42	H
	2332.5	-62.99	-13	-49.99	-76.95	-66.57	4.90	10.63	H
	3110	-61.83	-13	-48.83	-77.18	-66.75	5.55	12.62	H
	1555	-66.11	-13	-53.11	-74.76	-69.28	4.10	9.42	V
	2332.5	-63.09	-13	-50.09	-76.81	-66.67	4.90	10.63	V
	3110	-61.53	-13	-48.53	-76.52	-66.45	5.55	12.62	V

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



ULCA_12A-66A									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B12 BW 10MHz Lowest 1RB25,QPSK	1399	-64.47	-13	-51.47	-74.11	-67.70	3.98	9.36	H
	2098.5	-62.49	-13	-49.49	-76.54	-66.04	4.85	10.55	H
	2798	-61.99	-13	-48.99	-76.11	-66.92	5.50	12.58	H
	1399	-64.46	-13	-51.46	-73.79	-67.69	3.98	9.36	V
	2098.5	-63.07	-13	-50.07	-76.79	-66.62	4.85	10.55	V
	2798	-62.22	-13	-49.22	-76.01	-67.15	5.50	12.58	V
LTE B66 BW 20MHz Lowest 1RB0,QPSK	3422	-62.73	-13	-49.73	-77.57	-69.49	5.82	12.58	H
	5133	-58.78	-13	-45.78	-80.49	-64.50	7.28	13.00	H
	6844	-56.93	-13	-43.93	-80.84	-60.09	8.32	11.48	H
	3422	-63.48	-13	-50.48	-77.82	-70.24	5.82	12.58	V
	5133	-59.84	-13	-46.84	-80.77	-65.56	7.28	13.00	V
	6844	-57.70	-13	-44.70	-80.73	-60.86	8.32	11.48	V
LTE B12 BW 10MHz Middle 1RB25,QPSK	1406	-64.24	-13	-51.24	-74.01	-67.49	4.00	9.40	H
	2109	-62.53	-13	-49.53	-76.58	-66.10	4.88	10.60	H
	2812	-62.24	-13	-49.24	-76.41	-67.17	5.52	12.60	H
	1406	-64.83	-13	-51.83	-74.27	-68.08	4.00	9.40	V
	2109	-62.97	-13	-49.97	-76.69	-66.54	4.88	10.60	V
	2812	-62.68	-13	-49.68	-76.52	-67.61	5.52	12.60	V
LTE B66 BW 20MHz Middle' 1RB0,QPSK	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	H
	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	H
	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	H
	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	V
	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	V
	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	V
LTE B12 BW 10MHz Highest 1RB25,QPSK	1413	-64.42	-13	-51.42	-74.19	-67.59	4.10	9.42	H
	2119.5	-62.65	-13	-49.65	-76.84	-66.23	4.90	10.63	H
	2826	-57.32	-13	-44.32	-71.50	-62.24	5.55	12.62	H
	1413	-64.72	-13	-51.72	-74.16	-67.89	4.10	9.42	V
	2119.5	-62.88	-13	-49.88	-76.76	-66.46	4.90	10.63	V
	2826	-60.32	-13	-47.32	-74.17	-65.24	5.55	12.62	V
LTE B66 BW 20MHz Highest 1RB0,QPSK	3522	-61.21	-13	-48.21	-77.40	-67.95	5.88	12.62	H
	5283	-58.71	-13	-45.71	-79.47	-64.52	7.32	13.13	H
	7044	-56.47	-13	-43.47	-80.61	-59.63	8.38	11.54	H
	3522	-62.19	-13	-49.19	-77.9	-68.93	5.88	12.62	V
	5283	-61.28	-13	-48.28	-80.98	-67.09	7.32	13.13	V
	7044	-56.55	-13	-43.55	-80.52	-59.71	8.38	11.54	V

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



ULCA_13A-66A									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE B13 BW 10MHz Lowest 1RB0,QPSK	1555	-65.41	-13	-52.41	-74.55	-68.64	3.98	9.36	H
	2332.5	-62.93	-13	-49.93	-76.89	-66.48	4.85	10.55	H
	3110	-61.68	-13	-48.68	-77.03	-66.61	5.50	12.58	H
	1555	-65.27	-13	-52.27	-73.92	-68.50	3.98	9.36	V
	2332.5	-63.15	-13	-50.15	-76.87	-66.70	4.85	10.55	V
	3110	-62.20	-13	-49.20	-77.19	-67.13	5.50	12.58	V
LTE B66 BW 20MHz Lowest 1RB0,QPSK	3422	-63.00	-13	-50.00	-77.84	-69.76	5.82	12.58	H
	5133	-58.84	-13	-45.84	-80.55	-64.56	7.28	13.00	H
	6844	-56.67	-13	-43.67	-80.58	-59.83	8.32	11.48	H
	3422	-63.26	-13	-50.26	-77.6	-70.02	5.82	12.58	V
	5133	-59.78	-13	-46.78	-80.71	-65.50	7.28	13.00	V
	6844	-56.98	-13	-43.98	-80.01	-60.14	8.32	11.48	V
LTE B13 BW 10MHz Middle 1RB0,QPSK	1555	-65.39	-13	-52.39	-74.53	-68.64	4.00	9.40	H
	2332.5	-62.99	-13	-49.99	-76.95	-66.56	4.88	10.60	H
	3110	-61.80	-13	-48.80	-77.15	-66.73	5.52	12.60	H
	1555	-65.72	-13	-52.72	-74.37	-68.97	4.00	9.40	V
	2332.5	-63.07	-13	-50.07	-76.79	-66.64	4.88	10.60	V
	3110	-62.11	-13	-49.11	-77.10	-67.04	5.52	12.60	V
LTE B66 BW 20MHz Middle 1RB0,QPSK	3472	-62.48	-13	-49.48	-78.00	-69.23	5.85	12.60	H
	5208	-58.62	-13	-45.62	-80.01	-64.42	7.30	13.10	H
	6944	-57.16	-13	-44.16	-80.81	-60.31	8.35	11.50	H
	3472	-62.91	-13	-49.91	-77.94	-69.66	5.85	12.60	V
	5208	-59.88	-13	-46.88	-80.2	-65.68	7.30	13.10	V
	6944	-57.58	-13	-44.58	-80.95	-60.73	8.35	11.50	V
LTE B13 BW 10MHz Highest 1RB0,QPSK	1555	-65.06	-13	-52.06	-74.20	-68.23	4.10	9.42	H
	2332.5	-63.07	-13	-50.07	-77.03	-66.65	4.90	10.63	H
	3110	-61.87	-13	-48.87	-77.22	-66.79	5.55	12.62	H
	1555	-65.77	-13	-52.77	-74.42	-68.94	4.10	9.42	V
	2332.5	-63.10	-13	-50.10	-76.82	-66.68	4.90	10.63	V
	3110	-62.29	-13	-49.29	-77.28	-67.21	5.55	12.62	V
LTE B66 BW 20MHz Highest 1RB0,QPSK	3522	-61.26	-13	-48.26	-77.45	-68.00	5.88	12.62	H
	5283	-59.72	-13	-46.72	-80.48	-65.53	7.32	13.13	H
	7044	-55.99	-13	-42.99	-80.13	-59.15	8.38	11.54	H
	3522	-62.11	-13	-49.11	-77.82	-68.85	5.88	12.62	V
	5283	-60.51	-13	-47.51	-80.21	-66.32	7.32	13.13	V
	7044	-56.30	-13	-43.30	-80.27	-59.46	8.38	11.54	V

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