

FCC 1.1310(e) Table 1 (B) Limits for General Population/Uncontrolled Exposure
FCC ID: BCR-IONEUAP

Frequency MHz	Power dBm	Antenna		EIRP dBm	EIRP mW	Distance D cm	PD ¹ mW/m ²	Limit mW/cm ²	Margin dB	PD/Limit	4X(PD/Limit) ²
		Gain dBi									≤ 1
450	8	9		17	50	30	0.00443	0.300	18.3	0.0148	0.059
728	18	9		27	501	30	0.0443	0.485	10.39	0.091	0.37
746	18	9		27	501	30	0.0443	0.497	10.50	0.089	0.36
758	18	9		27	501	30	0.0443	0.505	10.57	0.088	0.35
763	18	9		27	501	30	0.0443	0.509	10.60	0.087	0.35
851	18	9		27	501	30	0.0443	0.567	11.07	0.078	0.31
862	18	9		27	501	30	0.0443	0.575	11.13	0.077	0.31
869	18	9		27	501	30	0.0443	0.579	11.16	0.076	0.31
929	18	9		27	501	30	0.0443	0.619	11.5	0.072	0.29
931	18	9		27	501	30	0.0443	0.621	11.5	0.071	0.29
935	18	9		27	501	30	0.0443	0.623	11.5	0.071	0.28
940	18	9		27	501	30	0.0443	0.627	11.5	0.071	0.28
1930	18	9		27	501	30	0.0443	1.00	13.5	0.044	0.18
2110	18	9		27	501	30	0.0443	1.00	13.5	0.044	0.18
2155	18	9		27	501	30	0.0443	1.00	13.5	0.044	0.18
2350	18	9		27	501	30	0.0443	1.00	13.5	0.044	0.18
2496	18	9		27	501	30	0.0443	1.00	13.5	0.044	0.18

¹PD=EIRP/(4 π r²)

²Four frequency band co-location

CANADA RSS-102 Issue 5, 4. Exposure Limits Table 4: RF Field Strength Limits for Devices Used by the General Public (Uncontrolled Environment)

IC: 2237D-IONEUAP

HVIN: UAP, UAP-X, UAP-N25, UAP-XN25

Frequency MHz	Power dBm	Antenna		EIRP dBm	EIRP W	Distance D m	PD ¹ W/m ²	Limit W/m ²	Margin dB	PD/Limit	4X(PD/Limit) ²
		Gain dBi									≤ 1
450	8	9		17.0	0.050	0.30	0.0443	1.70	15.8	0.0260	0.10
728	18	9		27.0	0.501	0.30	0.443	2.37	7.28	0.187	0.75
746	18	9		27.0	0.501	0.30	0.443	2.41	7.35	0.184	0.74
768	18	9		27.0	0.501	0.30	0.443	2.45	7.43	0.181	0.72
851	18	9		27.0	0.501	0.30	0.443	2.63	7.74	0.168	0.67
869	18	9		27.0	0.501	0.30	0.443	2.67	7.80	0.166	0.66
929	18	9		27.0	0.501	0.30	0.443	2.80	8.00	0.159	0.63
931	18	9		27.0	0.501	0.30	0.443	2.80	8.01	0.158	0.63
935	18	9		27.0	0.501	0.30	0.443	2.81	8.02	0.158	0.63
940	18	9		27.0	0.501	0.30	0.443	2.82	8.03	0.157	0.63
1930	18	9		27.0	0.501	0.30	0.443	4.61	10.17	0.096	0.38
2110	18	9		27.0	0.501	0.30	0.443	4.90	10.43	0.090	0.36
2155	18	9		27.0	0.501	0.30	0.443	4.97	10.50	0.089	0.36
2620	18	9		27.0	0.501	0.30	0.443	5.68	11.08	0.078	0.31

¹PD=EIRP/(4 π r²)

²Four frequency band co-location