

FCC RF Exposure Evaluation

Test item : Propeller
 Identification / Type No. : XX290948XXV02
 FCC ID : 2BC95-SUP-PROPELLER
 Test standard : CFR47 FCC Part 2: Section 2.1093
 FCC KDB Publication 447498 v0

FCC Limit:

MHz	5	10	15	20	25	mm
150	39	77	116	155	194	<i>SAR Test Exclusion Threshold (mW)</i>
300	27	55	82	110	137	
450	22	45	67	89	112	
835	16	33	49	66	82	
900	16	32	47	63	79	
1500	12	24	37	49	61	
1900	11	22	33	44	54	
2450	10	19	29	38	48	
3600	8	16	24	32	40	
5200	7	13	20	26	33	
5400	6	13	19	26	32	
5800	6	12	19	25	31	

Measurement Record:

$$\text{EIRP[dBm]} = E[\text{dBuV/m}] - 95.2 = 68.42 - 95.2 = -26.78 \text{ dBm}$$

Since maximum peak output power of the transmitter is $-26.78 \text{ dBm} \approx 0.002 \text{ mW} < 16 \text{ mW}$.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.