

Report Number: 08-0151

Issue Date: August 19, 2008

Customer: Axonn LLC

Model: Satellite Personal Tracker Model: SPT

Table 4**EUT and Peripherals Transmitter Radiated Emissions 1 – 16 GHz**

Radiated Emissions									
Test By: D.A..	Test: FCC Part 15.109 Verification					Client: Axonn LLC			
	Project: 08-0151			Class: B		Model: Satellite Personal Tracker Model: SPT			
Frequency MHz	Test Data dBm	Transducer Table	Test Data dBuV	AF+CA-AMP dB/m	Peak Results dBuV/m	Peak Limits dBuV/m	Distance / Polarity	Margin (dB)	Det
1611.23	-18.1	1HN3mV	88.9	29.4	118.2	-	3m./VERT	-	PK
3225.8	-60.3	1HN3mV	46.7	-1.1	45.6	74.0	3m./VERT	28.4	PK
4834.05	-59.0	1HN1mH	48.0	4.7	52.7	74.0	1m./HORZ	21.3	PK
6444.78	-67.7	1HN1mV	39.3	7.0	46.4	74.0	1m./VERT	27.6	PK
1613.73	-18.5	1HN3mV	88.5	29.4	117.9	-	3m./VERT	-	PK
3227.18	-57.2	1HN3mV	49.8	-1.1	48.7	74.0	3m./VERT	25.3	PK
4841.15	-59.5	1HN1mH	47.5	4.7	52.2	74.0	1m./HORZ	21.8	PK
6454.85	-68.6	1HN1mH	38.4	7.0	45.4	74.0	1m./HORZ	28.6	PK
1618.7	-18.9	1HN3mV	88.2	29.4	117.5	-	3m./VERT	-	PK
3237.55	-59.9	1HN3mH	47.1	-1.0	46.1	74.0	3m./HORZ	27.9	PK
4856.15	-59.2	1HN1mH	47.8	4.8	52.6	74.0	1m./HORZ	21.4	PK
6474.98	-68.9	1HN1mV	38.2	7.1	45.2	74.0	1m./VERT	28.8	PK

SAMPLE CALCULATIONS:**RESULTS dBuV/m @ 3m**

$$\text{Antilog } ((-60.3 + -1.1 + 107)/20) = 45.6$$

CONVERSION FROM dBm TO dBuV = 107 dB

Limits are FCC 109, Class B modified by 15.35(b) (Peak limits are 20 dB> Average Limits above 1 GHz).

Test Date: August 12, 2008

Tested by
Signature: *Daniel Aparaschivei*

Name: Daniel Aparaschivei