Client:	NextNav, LLC	Job Number:	J83266
Model:	100-0004-05	T-Log Number:	T83331
		Account Manager:	Christine Krebill
Contact:	Arun Narayan		
Standard:	FCC Part 90, 15	Class:	N/A

Maximum Permissible Exposure

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 12/5/2011

Test Engineer: David Bare

General Test Configuration

Calculation uses the free space transmission formula:

$$S = (PG)/(4 \pi d^2)$$

Where: S is power density (W/m^2), P is output power (W), G is antenna gain relative to isotropic, d is separation distance from the transmitting antenna (m).

Summary of Results

Device complies with Power Density requirements at 20cm separation:	No
If not, required separation distance (in cm):	75

Modifications Made During Testing

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

Client:	NextNav, LLC	Job Number:	J83266
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Standard:	FCC Part 90, 15	Class:	N/A

Use: General

USE THIS FOR 300-1500 MHz single transmitters

Freq. MHz	EUT Power dBm	EUT Power W*	Cable Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Power Density (S) at 20 cm mW/cm^2	MPE Limit at 20 cm mW/cm^2
926.227	41.4	13.8	0	5	41.4	43652	8.684	0.617

For the cases where S > the MPE Limit

Freq. MHz	Power Density at 20 cm mW/cm^2	MPE Limit at 20 cm mW/cm^2	Distance where S <= MPE Limit cm
926.227	8.684	0.617	75.0