



## EMC Test Data

Client:	Visiplex, Inc.	Job Number:	JD101398
Model:	VNS22xx	T-Log Number:	T101482
Contact:	Ben Agam	Project Manager:	Deepa Shetty
Standard:	FCC Part 90.217, Part 15	Project Coordinator:	-
		Class:	N/A

### Maximum Permissible Exposure / SAR Exclusion

#### 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: 6/2/2016

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 ( $\text{W/m}^2$ ), 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:	Yes
If not, required separation distance (in cm):	-

#### Deviations From The Standard

No deviations were made from the requirements of the standard.



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### FCC MPE Calculation

Use: General

Antenna:

USE THIS FOR 300-1500 MHz single transmitters (General use)

Freq. MHz	EUT Power dBm	Cable Loss 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
450	18.0	63.1	0	3	18.0	125.89	0.025
460	18.2	66.1	0	3	18.2	131.83	0.026
470	17.2	52.5	0	3	17.2	104.71	0.021

For the cases where S > the MPE Limit

Freq. MHz	Power Density (S) at 20 cm mW/cm^2	MPE Limit at 20 cm mW/cm^2	Distance where S <= MPE Limit cm
450	0.025	0.300	5.8
460	0.026	0.307	5.8
470	0.021	0.313	5.2