



# EMC Test Data

Client: Technicolor USA, Inc.	Job Number: J97449
Model: H44-100	T-Log Number: T97497
	Project Manager: Christine Krebill
Contact: Steven Hershberger	Project Coordinator: -
Standard: FCC 15.247/15.407/15.B	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: 3/11/2015  
Test Engineer: Mark Hill

### General Test Configuration

Calculation uses the free space transmission formula:

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

Where: S is power density (W/m<sup>2</sup>), 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
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### 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.



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Use: General

Band	Mode	Output Power		Antenna gain (Max)	EIRP		Channels Available	Channels Used	Total EIRP	
		Peak	Average		dBm	W			W	dBm
2400 - 2483.5	RF4CE	4.5	-	3.0	7.5	0.006	3	1	0.006	7.50
2401 - 2483.5	CCK	-	20.3	3.1	23.4	0.219	11	0		
2401 - 2483.5	OFDM	-	22.2	3.1	25.3	0.339				
5150 - 5250	OFDM	-	21.8	2.88	24.7	0.294	4	0	0.000	-
5250 - 5350	OFDM	-	21.5	2.88	24.4	0.274	4	0	0.000	-
5470 - 5725	OFDM	-	21.7	3.6	25.3	0.337	11	0	0.000	-
5725 - 5850	OFDM	-	22.0	4.6	26.6	0.455	5	1	0.455	26.58
Totals:								2	0.461	26.63

Power Density (S) at 20 cm mW/cm <sup>2</sup>	MPE Limit at 20 cm mW/cm <sup>2</sup>
0.092	1.000