



# EMC Test Data

Client:	Technicolor Connected Home	Job Number:	JD99775
Model:	LC61-100	T-Log Number:	T99784
		Project Manager:	Christine Krebill
Contact:	Rodolfo Rascon	Project Coordinator:	-
Standard:	FCC 15.B / 15.247	Class:	N/A

## 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: 11/11/2015  
 Test Engineer: Mark Hill

### General Test Configuration

For the FCC SAR Exclusion:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / \text{min. test separation distance, mm}] * \sqrt{F(\text{GHz})}$$

For IC SAR Exclusion:

Refer to RSS 102, Issue 5, Section 2.51, Table 1

### Summary of Results

Device complies with FCC SAR Exclusion requirements at 5mm separation:	Yes
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### FCC SAR Exclusion Calculation

Freq. MHz	EUT Power		Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Separation Distance (mm)	SAR Exclusion Calc.	SAR Exclusion Limit
	dBm	mW*							
2450	4.0	2.5	0	3	4.0	5.01	5.0	0.79	3.0

Note - output power represents the worse case including production tolerances