

Downlink Test Results

728 - 746 MHz Band 737 MHz Tuned Frequency

Measured Frequency (MHz)	Measured Level (dBm)	Limit (dBm)	Result
1474	-74.80	-13	Pass
2211	-69.95	-13	Pass
2948	-64.31	-13	Pass

746 - 757 MHz Band 751.5 MHz Tuned Frequency

Measured Frequency (MHz)	Measured Level (dBm)	Limit (dBm)	Result
1503	-74.04	-13	Pass
2254.5	-69.78	-13	Pass
3006	-52.38	-13	Pass

869 - 894 MHz Band 881.5 MHz Tuned Frequency

Measured Frequency (MHz)	Measured Level (dBm)	Limit (dBm)	Result
1763	-72.02	-13	Pass
2644.5	-65.86	-13	Pass
3526	-53.60	-13	Pass

1930 - 1995 MHz Band 1960.5 MHz Tuned Frequency

Measured Frequency (MHz)	Measured Level (dBm)	Limit (dBm)	Result
3921	-49.88	-13	Pass
5881.5	-46.66	-13	Pass
7842	-40.08	-13	Pass

2110 - 2155 MHz Band 2132.5 MHz Tuned Frequency

Measured Frequency (MHz)	Measured Level (dBm)	Limit (dBm)	Result
4265	-48.89	-13	Pass
6397.5	-47.18	-13	Pass
8530	-38.83	-13	Pass

No other emissions were detected. All emissions were lower than -13 dBm.
 All emissions were system noise floor.

Test Equipment Utilized

Description	Manufacturer	Model #	CT Asset #	Last Cal Date	Cal Due Date
Horn Antenna, Amplified	ARA	DRG-118/A	i00271	5/8/14	5/8/16
Bi-Log Antenna	Schaffner	CBL 6111D	i00349	10/8/13	10/8/15
Humidity / Temp Meter	Newport	IBTHX-W-5	i00282	3/24/14	3/24/15
Voltmeter	Fluke	75III	i00320	3/24/14	3/24/15
EMI Analyzer	Agilent	E7405A	i00379	1/14/14	1/14/15
Spectrum Analyzer *	Tektronix	RSA5126A	i00424	9/22/13	9/22/14
Non-radiating load	Termaline	8201	i00334	Verified on: 9/1/14	
Signal Generator	Rohde & Schwarz	SMU200A	i00405	12/11/13	12/11/14
RF Directional Coupler	Meca	CS06-1.500V	i00412	Verified on: 9/1/14	

In addition to the above listed equipment standard RF connectors and cables were utilized in the testing of the described equipment. Prior to testing these components were tested to verify proper operation.

* Lab Manager has approved a 60 day extension on this piece of equipment

END OF TEST REPORT