

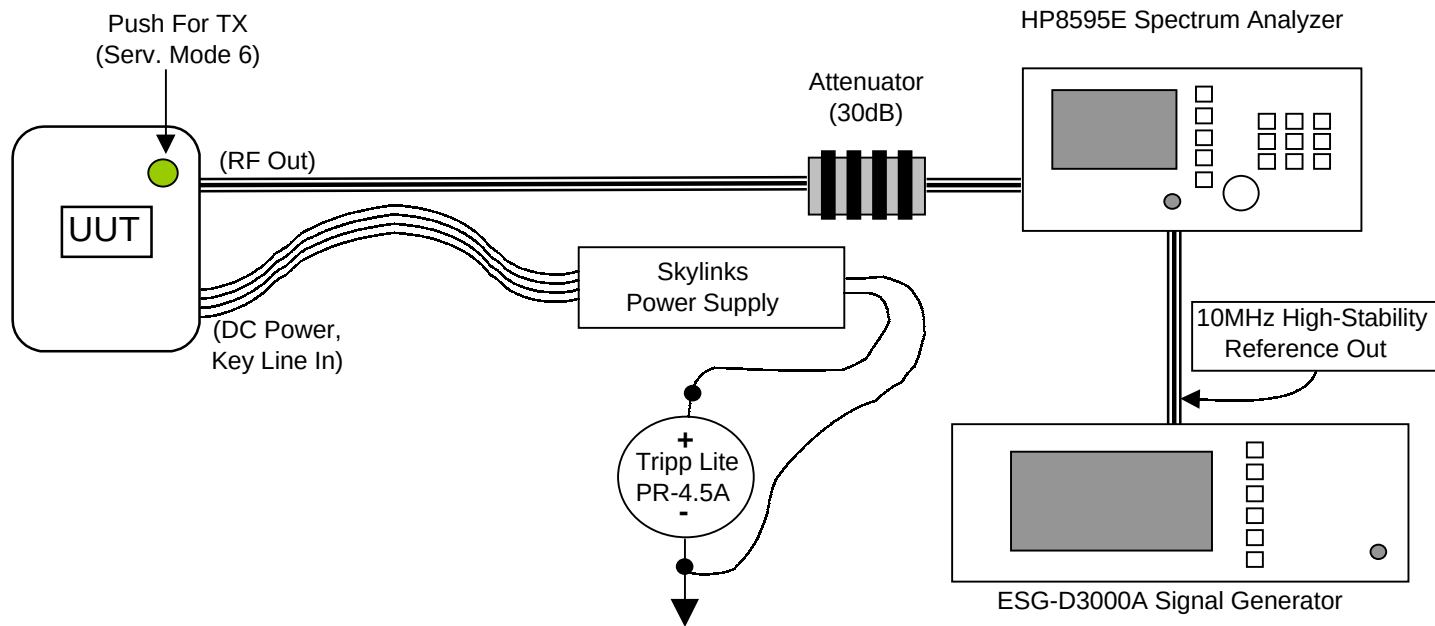
COLOR SKYLINKS HEAD UNIT OCCUPIED BANDWIDTH TEST26-Jul-00 RWY

Data taken on 28JUL00 in DEI Screen Enclosure at Phoenix International in Springfield, IL by Dick Young.
Intent is to satisfy requirements of FCC Part 90, paragraph 90.???.
(See Block Diagram below and "Photos" for details on test configuration.)

[1] Equipment Listing

Manufacturer	Model	Asset Tag	Cal Sticker Due Date	Function
Hewlett-Packard	8595E Spectrum Analyzer	(ILTech) 01274	12/4/01	Read Occupied BW of TX signal
Tripp Lite	PR-4.5A DC Power Supply (13.8VDC)	(None)	(None)	Provide Vin to Skylinks Power Supply
Hewlett-Packard	ESG-D3000A Signal Generator	(ILTech) 01275	10/3/00	Provide High-Stab. Reference to HP8595E
Lucas Weinschel	40-30-33 Attenuator, 30dB, 150W	S/N KR164	(None)	Reduce TX signal level for input to HP8595E

[2] Block Diagram Of Test



[3] Methodology Notes

Spectrum Analyzer already has an automated measurement for Occupied BW. Set Channel Spacing = 25kHz, use 99% Power BW. UUT allowed to transmit for 15sec, Single Measurement softkey on Analyzer used to capture display for printing.

[4] Measurement Result

