

**7.2 List of Test Instruments**

Instrument Name	Model No.	Brand	Serial No.
Oscilloscope	54600A	H P	
Signal Generator	83711A	H P	3429A00434
Shoectkey Diode	HSMS-2850	H P	

**7.3 Test Result**

<p><b>Formula:</b>                  Signal generator + Antenna gain +  Cable loss  = Output peak power</p>
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Channel	Signal Generator	Antenna Gain	Cable Loss	Limit	Output peak power	
	dBm	dBi	DBm	(DTS)	dBm	mW
CH1	15.11	1.5	-0.63	100mW	17.24	52.97
CH6	15.13	1.5	-0.65	100mW	17.28	53.46
CH11	15.13	1.5	-0.67	100mW	17.30	53.70

Note:

The limit is vary according to the equipment class, listed below:

1. Digital Transmission System (DTS): 100mW
2. Spread Spectrum Transmitter (DSS): 1W