## **RF Power Output (§2.1046)**

## MEASUREMENT PROCEDURE:

A resistive RF attenuator of 50 ohm impedance as the output of the transmitter was connected to the transmitter RF output terminal. The RF output of the test sample was coupled to a peak power meter through the RF attenuator.

The output power was then measured by the RF peak power meter. Using a variable transformer and voltmeter, the input voltage was varied. Measurements were made with the transmitter being supplied with 85%, 100% and 115% of its rated input voltage. The measurement was done for channels representing the upper, lower and middle of the band of operation.

The test setup was as shown below:



**Test Results:** 

The results of the above test are shown on the next page.

	-	FABULAR DATA SH	IEET		
TEST METHOD:	RF POWER OUTPUT	RF POWER OUTPUT (§2.1046)			
TEST SAMPLE:	INTEGRATED RADIO	TRANSMITTER			
MODEL No: <b>7720PLUS</b>		SERIA	L No: NA	NA	
TEST SPECS:	FCC RULES & REGUL	ATIONS, §101.113(a) a	nd §101.147(b) (GRA	ANDFATHER CLAUS	
OPERATING MOD					
TESTED BY:	T. MOTT		DATE:	OCTOBER 27,1999	
SUPPLY VOLTAGE	CHANNEL	FREQUENCY	POWER OUTPUT	LIMIT	
VAC	No.	MHz	dBW	dBW	
102	1	928.0125	6.88	7	
102	7	928.1625	6.88		
			0.00		
102	14	928.3375	6.88		
120	1	000.0405	6.88		
120		928.0125			
120	7	928.1625	6.88		
120	14	928.3375	6.88		
138	1	928.0125	6.88	+ + +	
138	7	928.1625	6.88		
138	14	028 3375	£ 00		
130		320.3373	0.00	7	
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