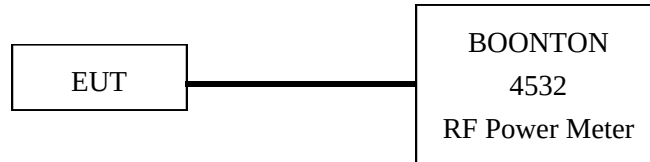


## **VII. Section 15.247(b): Power Output**

### **7.1 Test Condition & Setup**



1. The output of the transmitter is connected to the BOONTON RF Power Meter.
2. The calibration is performed before every tests. The values of the output power of the EUT will shown in the dBm directly are the transmitter output peak power. Recording as follows.

### **7.2 List of Test Instruments**

| Instrument Name | Model No. | Brand   | Serial No. | Last Cali. | Due On   |
|-----------------|-----------|---------|------------|------------|----------|
| RF Power Meter  | 4532      | BOONTON | 117501     | 02/03/21   | 03/03/21 |

### 7.3 Test Result

**Formula:**

Signal generator + |Cable loss| = Output peak power

| Channel | Signal Generator | Cable Loss | Limit | Output peak power |       |
|---------|------------------|------------|-------|-------------------|-------|
|         | dBm              | dBm        | (DTS) | dBm               | mW    |
| CH1     | 11.31            | 0.00       | 100mW | 11.31             | 13.60 |
| CH6     | 10.97            | 0.00       | 100mW | 10.97             | 12.50 |
| CH11    | 10.74            | 0.00       | 100mW | 10.74             | 11.86 |

Note:

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

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