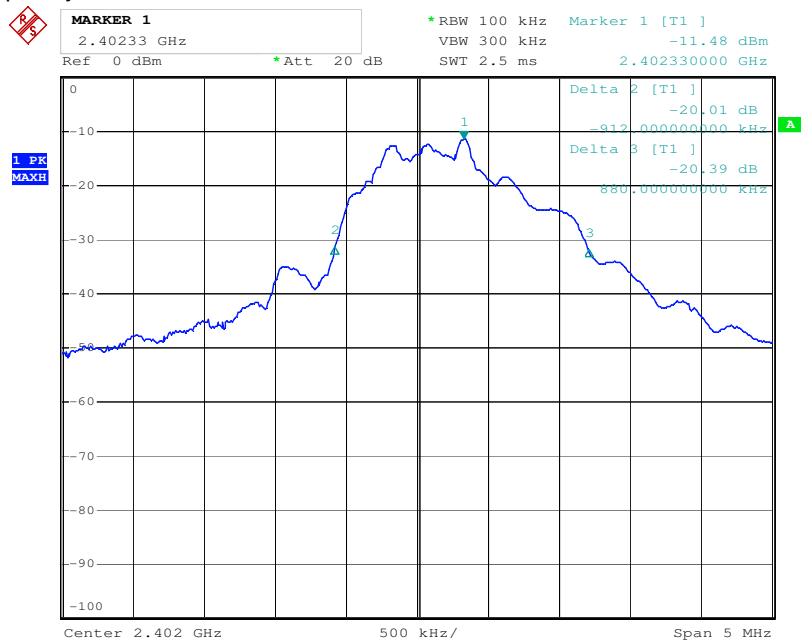


## **Appendix 1**

### **Test Results**

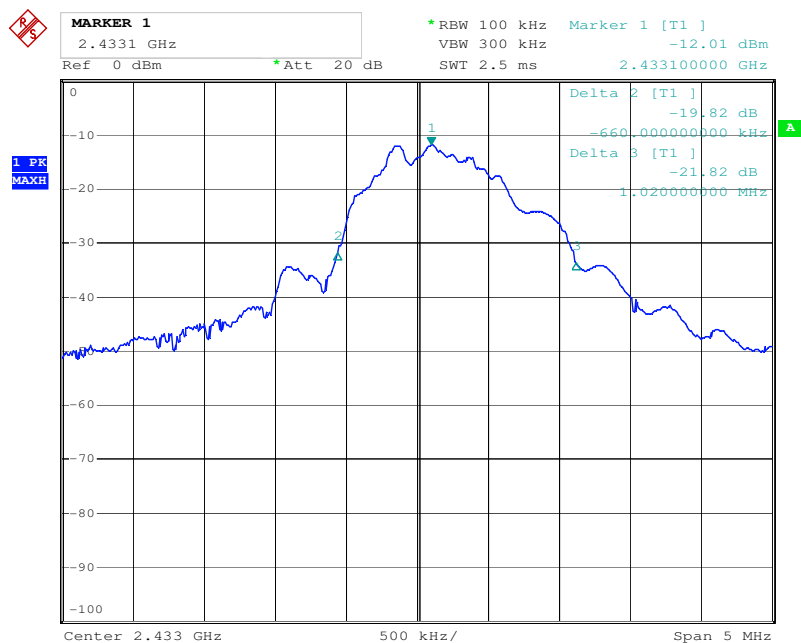
## 20dB Bandwidth

Tx frequency: 2402MHz



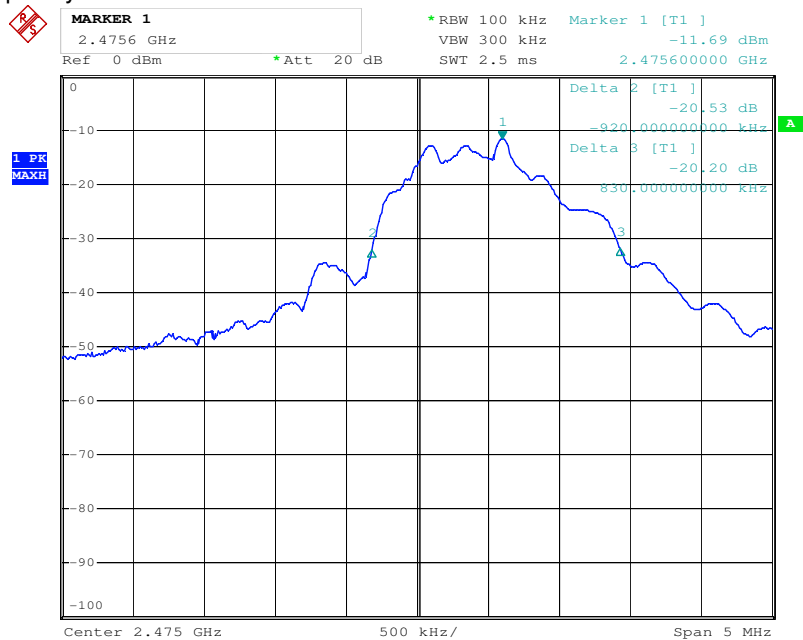
Comment: test print  
Date: 30.MAR.2015 10:31:09

Tx frequency: 2433MHz



Comment: test print  
Date: 30.MAR.2015 10:36:11

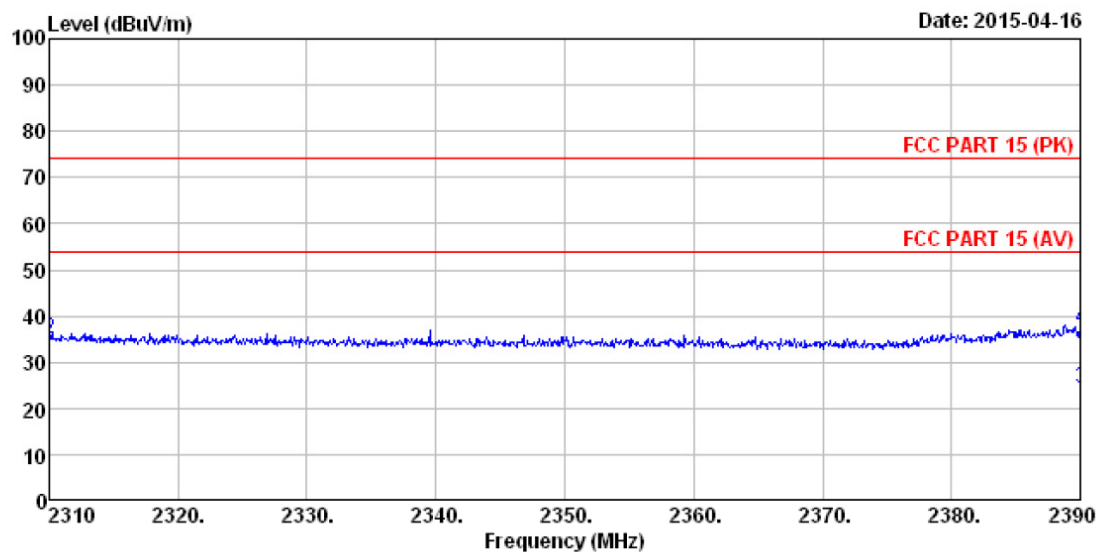
Tx frequency: 2475MHz



Comment: test print  
Date: 30.MAR.2015 10:44:21

## Band Edge Compliance

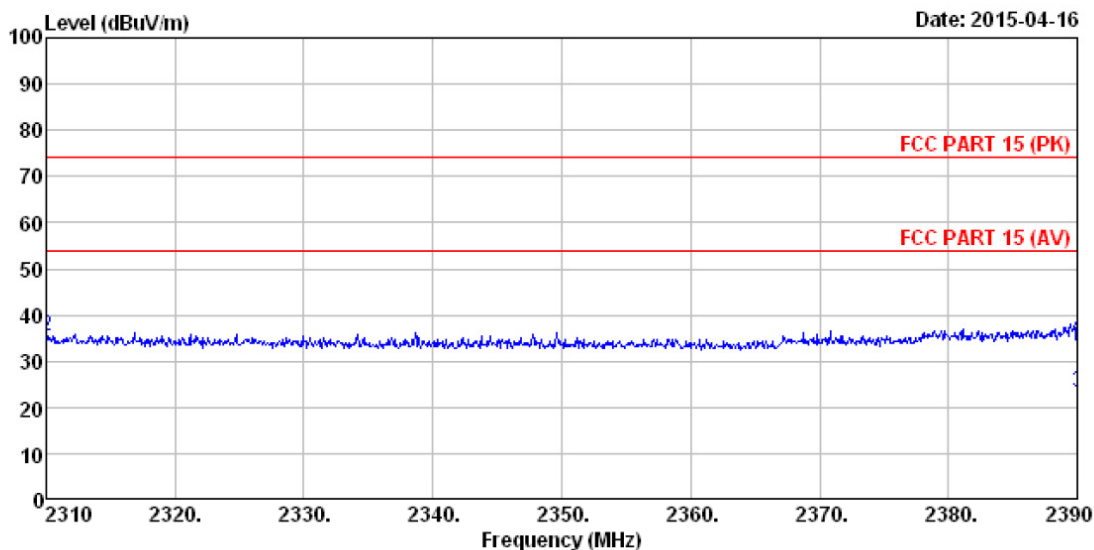
Tx frequency: 2402MHz (radiated measurement)



Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D ANT(>1GHZ) VERTICAL  
 EUT : RC Toy (2.4GHz)  
 Model No. : FX-1  
 Sample No. : TBA  
 TUV Order No: TBA  
 Test Mode : TX on  
 : 2402MHz

|   | Freq     | Level | ReadAntenna<br>Factor | Cable Preamp<br>Loss Factor | Limit  | Over   |                      |
|---|----------|-------|-----------------------|-----------------------------|--------|--------|----------------------|
|   | MHz      | dBuV  | dB/m                  | dB                          | dBuV/m | dBuV/m | dB                   |
| 1 | 2310.000 | 23.16 | 27.91                 | 5.30                        | 34.11  | 22.26  | 54.00 -31.74 Average |
| 2 | 2310.000 | 36.06 | 27.91                 | 5.30                        | 34.11  | 35.16  | 74.00 -38.84 Peak    |
| 3 | 2390.000 | 25.36 | 27.59                 | 5.38                        | 34.01  | 24.32  | 54.00 -29.68 Average |
| 4 | 2390.000 | 38.40 | 27.59                 | 5.38                        | 34.01  | 37.36  | 74.00 -36.64 Peak    |

Vertical polarization

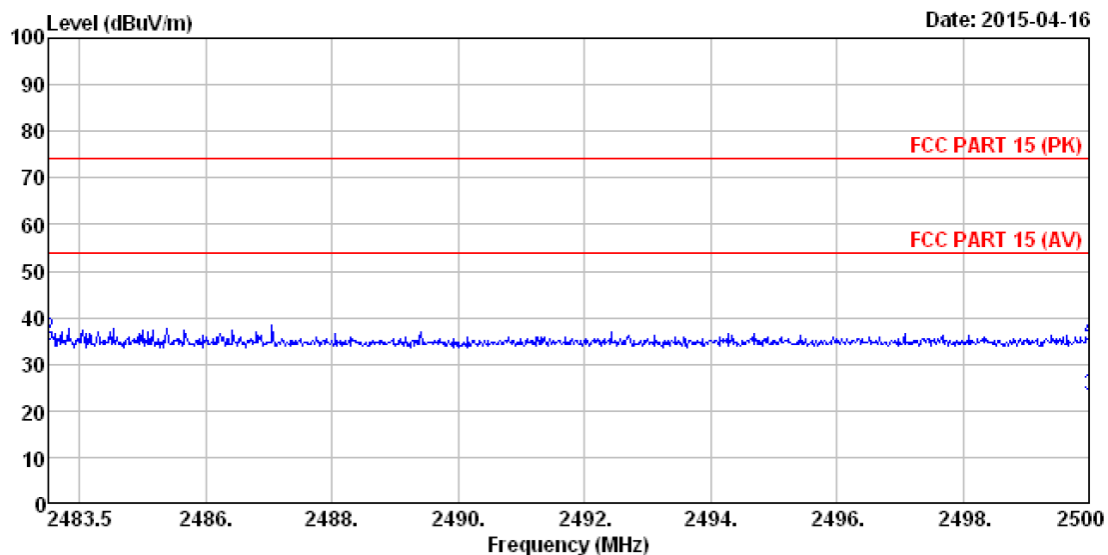


Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D ANT(>1GHz) HORIZONTAL  
 EUT : RC Toy (2.4GHz)  
 Model No. : FX-1  
 Sample No. : TBA  
 TUV Order No: TBA  
 Test Mode : TX on  
 : 2402MHz

|            | ReadAntenna  | Cable Preamp | Limit | Over   |                            |
|------------|--------------|--------------|-------|--------|----------------------------|
| Freq       | Level Factor | Loss Factor  | Level | Line   | Limit Remark               |
| -----      | -----        | -----        | ----- | -----  | -----                      |
| MHz        | dBuV         | dB/m         | dB    | dBuV/m | dBuV/m                     |
| 1 2310.000 | 23.51        | 27.91        | 5.30  | 34.11  | 22.61 54.00 -31.39 Average |
| 2 2310.000 | 36.41        | 27.91        | 5.30  | 34.11  | 35.51 74.00 -38.49 Peak    |
| 3 2390.000 | 24.19        | 27.59        | 5.38  | 34.01  | 23.15 54.00 -30.85 Average |
| 4 2390.000 | 36.23        | 27.59        | 5.38  | 34.01  | 35.19 74.00 -38.81 Peak    |

### Horizontal polarization

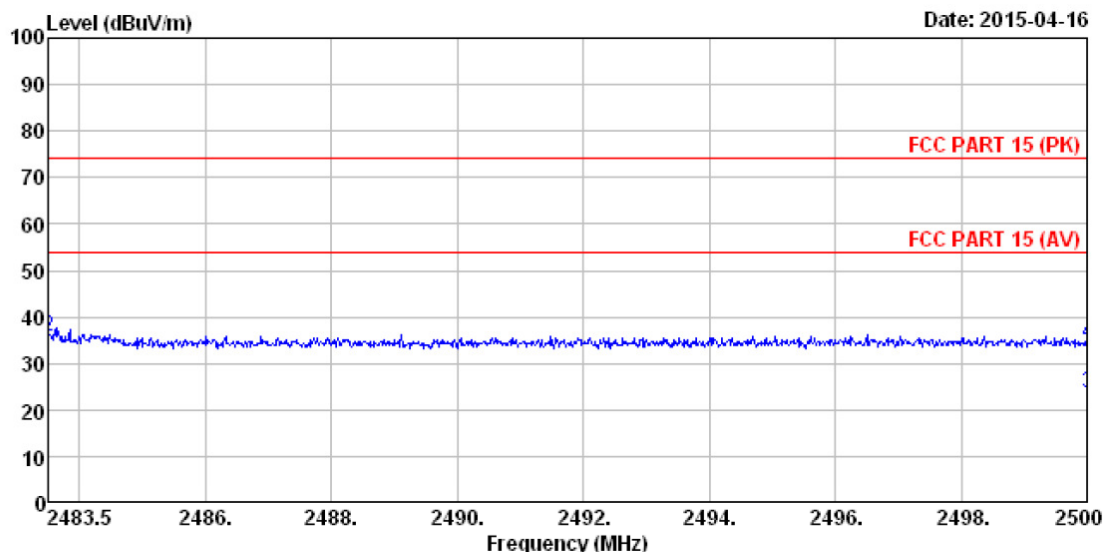
Tx frequency: 2475MHz (radiated measurement)



Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D ANT(>1GHZ) VERTICAL  
 EUT : RC Toy (2.4GHz)  
 Model No. : FX-1  
 Sample No. : TBA  
 TUV Order No: TBA  
 Test Mode : TX on  
 : 2475MHz

|   | Freq     | ReadAntenna<br>Level | Cable Preamp<br>Factor | Loss Factor | Limit<br>Line | Over<br>Limit | Remark               |
|---|----------|----------------------|------------------------|-------------|---------------|---------------|----------------------|
|   | MHz      | dBuV                 | dB/m                   | dB          | dBuV/m        | dBuV/m        | dB                   |
| 1 | 2483.500 | 24.45                | 27.53                  | 5.47        | 33.92         | 23.53         | 54.00 -30.47 Average |
| 2 | 2483.500 | 36.45                | 27.53                  | 5.47        | 33.92         | 35.53         | 74.00 -38.47 Peak    |
| 3 | 2500.000 | 24.20                | 27.55                  | 5.49        | 33.90         | 23.34         | 54.00 -30.66 Average |
| 4 | 2500.000 | 36.05                | 27.55                  | 5.49        | 33.90         | 35.19         | 74.00 -38.81 Peak    |

Vertical polarization



Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D ANT(>1GHZ) HORIZONTAL  
 EUT : RC Toy (2.4GHz)  
 Model No. : FX-1  
 Sample No. : TBA  
 TUV Order No: TBA  
 Test Mode : TX on  
 : 2475MHz

|   | Freq     | Read<br>Level | Antenna<br>Factor | Cable<br>Loss | Preamp<br>Factor | Level  | Limit<br>Line | Over<br>Limit | Remark  |
|---|----------|---------------|-------------------|---------------|------------------|--------|---------------|---------------|---------|
|   | MHz      | dBuV          | dB/m              | dB            | dB               | dBuV/m | dBuV/m        | dB            |         |
| 1 | 2483.500 | 25.80         | 27.53             | 5.47          | 33.92            | 24.88  | 54.00         | -29.12        | Average |
| 2 | 2483.500 | 36.72         | 27.53             | 5.47          | 33.92            | 35.80  | 74.00         | -38.20        | Peak    |
| 3 | 2500.000 | 24.45         | 27.55             | 5.49          | 33.90            | 23.59  | 54.00         | -30.41        | Average |
| 4 | 2500.000 | 35.31         | 27.55             | 5.49          | 33.90            | 34.45  | 74.00         | -39.55        | Peak    |

**Horizontal polarization**