

## Appendix - 5G WiFi

### 1. Duty Cycle

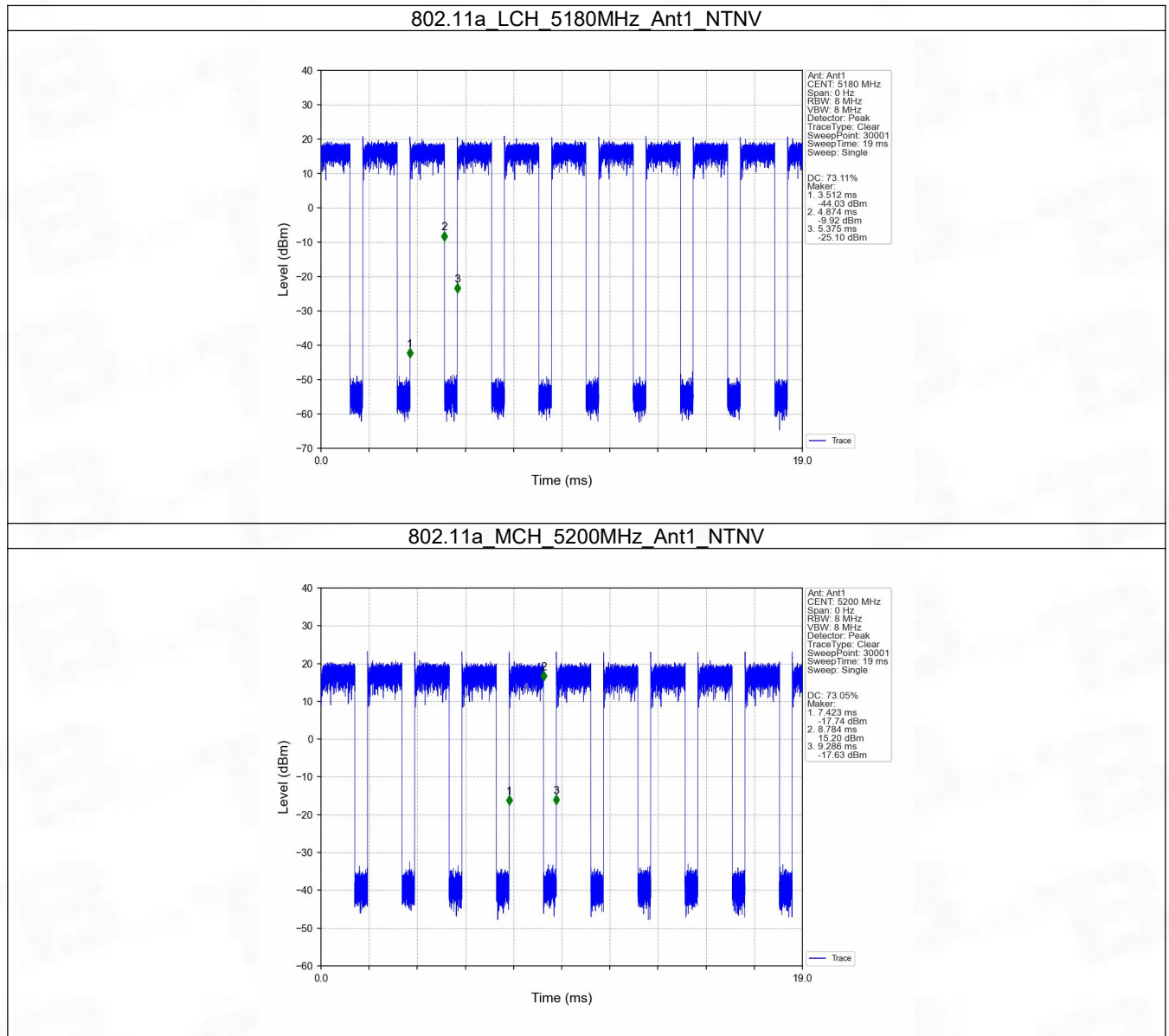
#### 1.1 Test Result

##### 1.1.1 Ant1

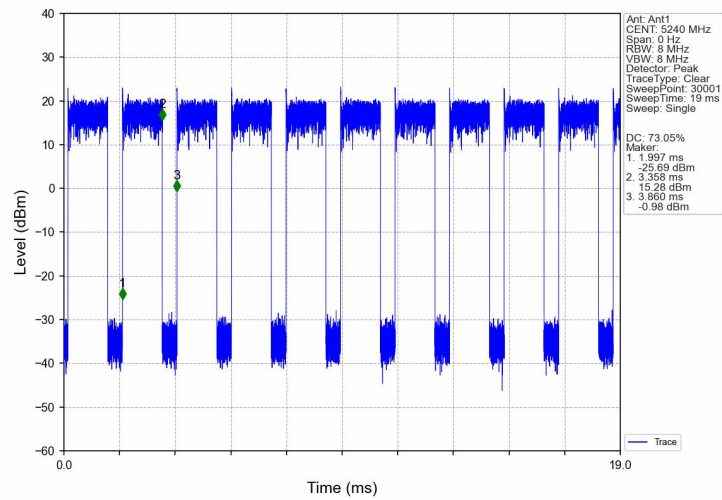
| Ant1           |         |                 |           |             |                |                                   |                       |
|----------------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode           | Tx Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11a        | SISO    | 5180            | 1.362     | 1.863       | 73.11          | 1.36                              | 0.02                  |
|                |         | 5200            | 1.361     | 1.863       | 73.05          | 1.36                              | 0.03                  |
|                |         | 5240            | 1.361     | 1.863       | 73.05          | 1.36                              | 0.02                  |
|                |         | 5745            | 1.361     | 1.862       | 73.09          | 1.36                              | 0.03                  |
|                |         | 5785            | 1.361     | 1.862       | 73.09          | 1.36                              | 0.02                  |
|                |         | 5825            | 1.361     | 1.863       | 73.05          | 1.36                              | 0.02                  |
| 802.11n (HT20) | SISO    | 5180            | 1.272     | 1.774       | 71.70          | 1.44                              | 0.03                  |
|                |         | 5200            | 1.273     | 1.775       | 71.72          | 1.44                              | 0.02                  |
|                |         | 5240            | 1.273     | 1.774       | 71.76          | 1.44                              | 0.03                  |
|                |         | 5745            | 1.274     | 1.775       | 71.77          | 1.44                              | 0.02                  |
|                |         | 5785            | 1.273     | 1.774       | 71.76          | 1.44                              | 0.03                  |
|                |         | 5825            | 1.272     | 1.774       | 71.70          | 1.44                              | 0.03                  |

## 1.2 Test Graph

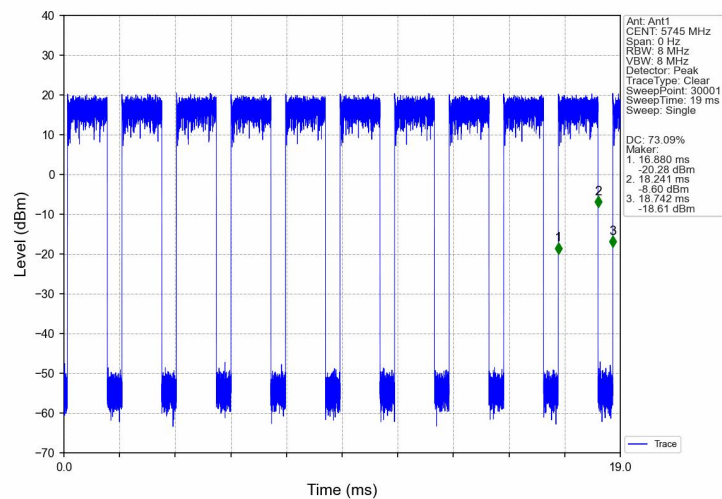
### 1.2.1 Ant1



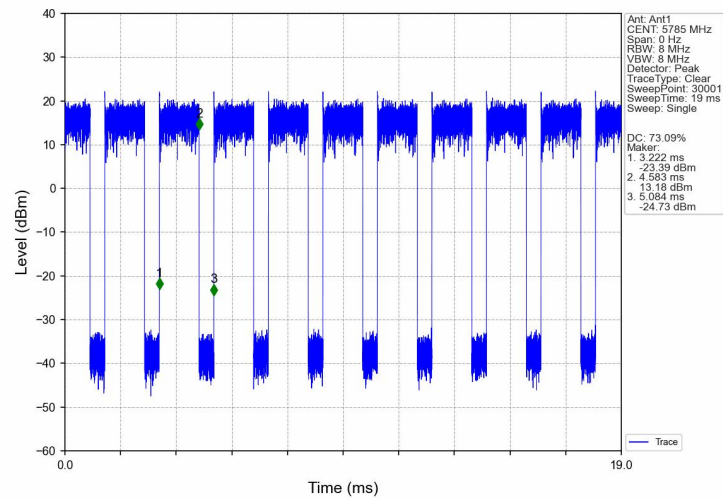
## 802.11a\_HCH\_5240MHz\_Ant1\_NTNV



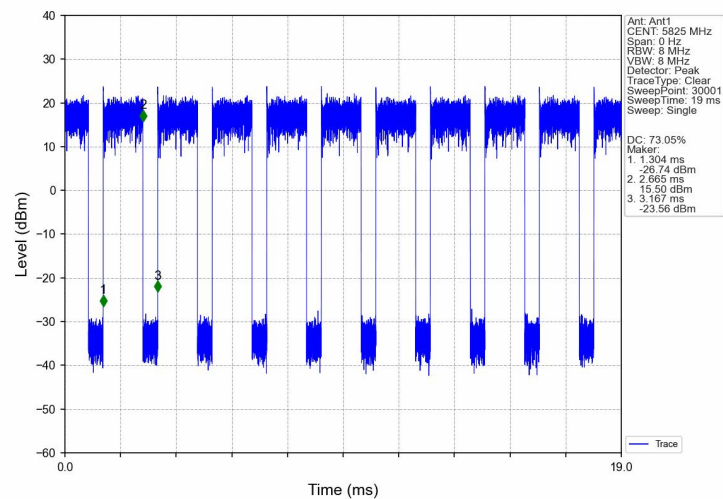
## 802.11a\_LCH\_5745MHz\_Ant1\_NTNV



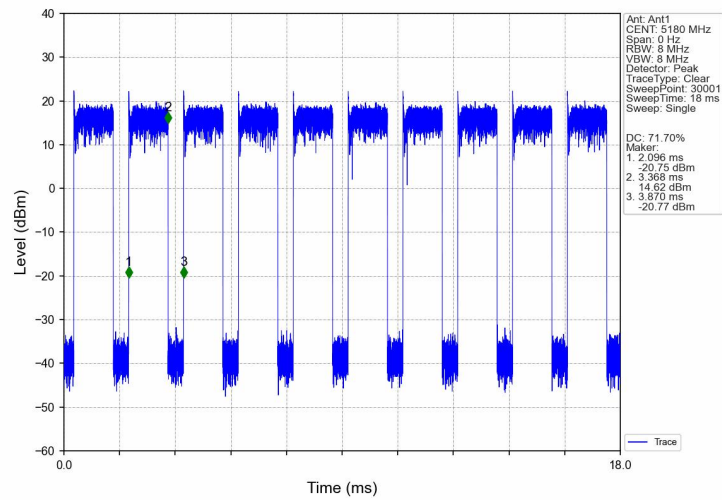
## 802.11a\_MCH\_5785MHz\_Ant1\_NTNV



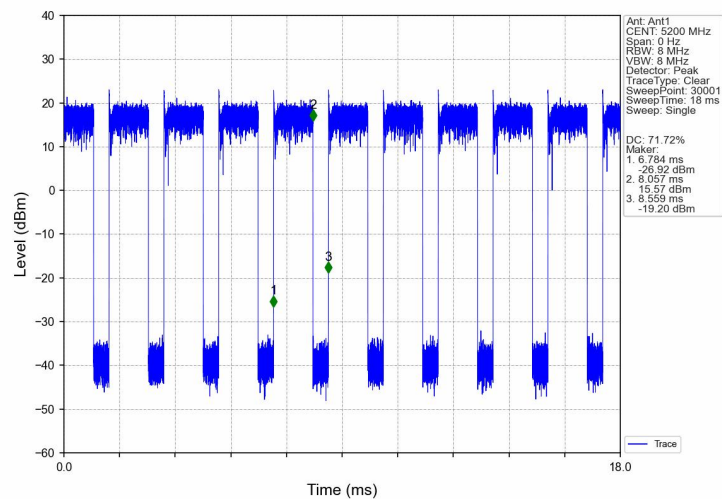
## 802.11a\_HCH\_5825MHz\_Ant1\_NTNV



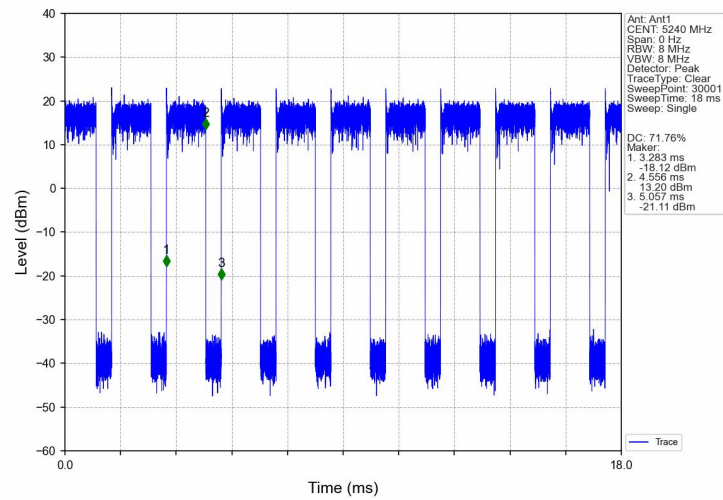
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



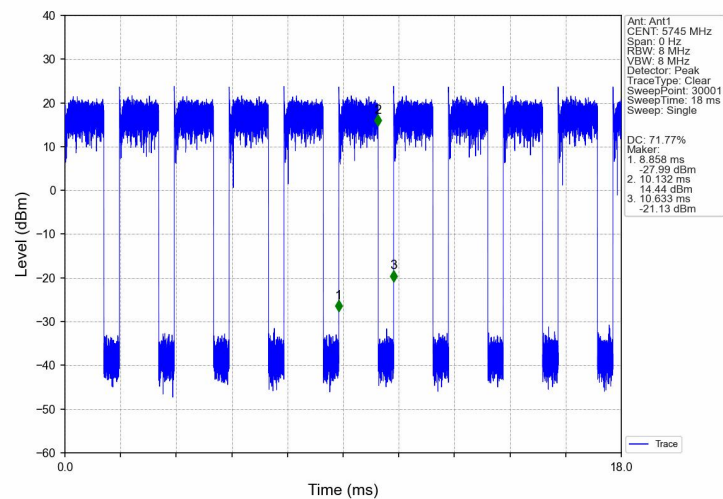
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



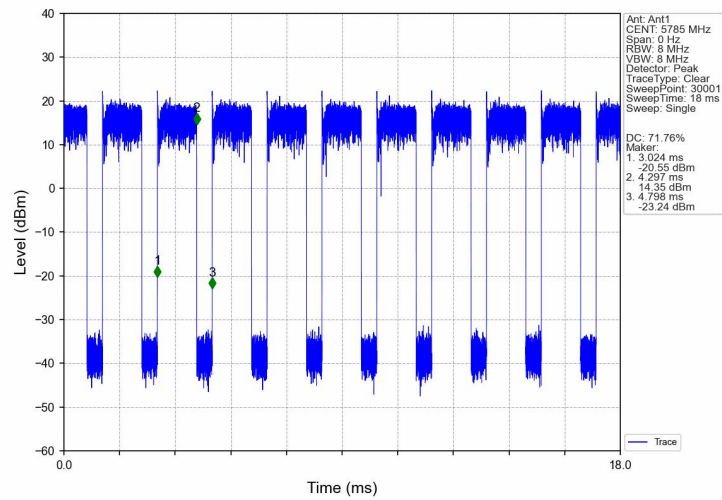
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



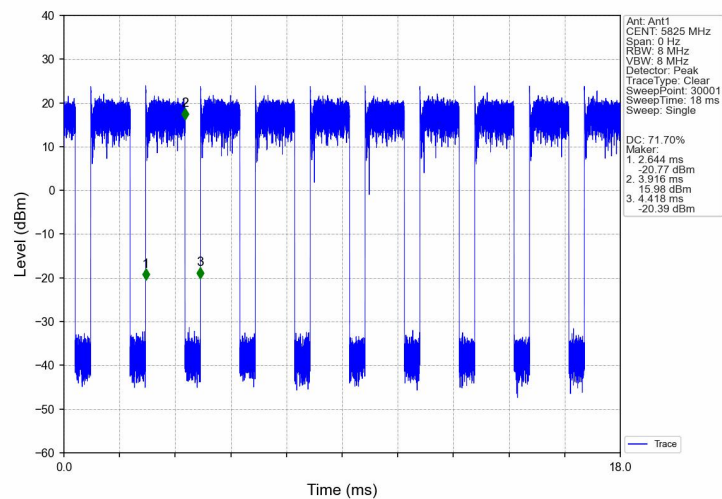
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

| Mode           | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|----------------|---------|-----------------|-----|------------------------------|-------|---------|
|                |         |                 |     | Result                       | Limit |         |
| 802.11a        | SISO    | 5180            | 1   | 24.726                       | /     | Pass    |
|                |         | 5200            | 1   | 22.015                       | /     | Pass    |
|                |         | 5240            | 1   | 20.635                       | /     | Pass    |
|                |         | 5745            | 1   | 17.076                       | /     | Pass    |
|                |         | 5785            | 1   | 17.147                       | /     | Pass    |
|                |         | 5825            | 1   | 17.176                       | /     | Pass    |
| 802.11n (HT20) | SISO    | 5180            | 1   | 25.295                       | /     | Pass    |
|                |         | 5200            | 1   | 22.571                       | /     | Pass    |
|                |         | 5240            | 1   | 22.347                       | /     | Pass    |
|                |         | 5745            | 1   | 17.992                       | /     | Pass    |
|                |         | 5785            | 1   | 18.029                       | /     | Pass    |
|                |         | 5825            | 1   | 18.051                       | /     | Pass    |

#### 2.1.2 26dB BW

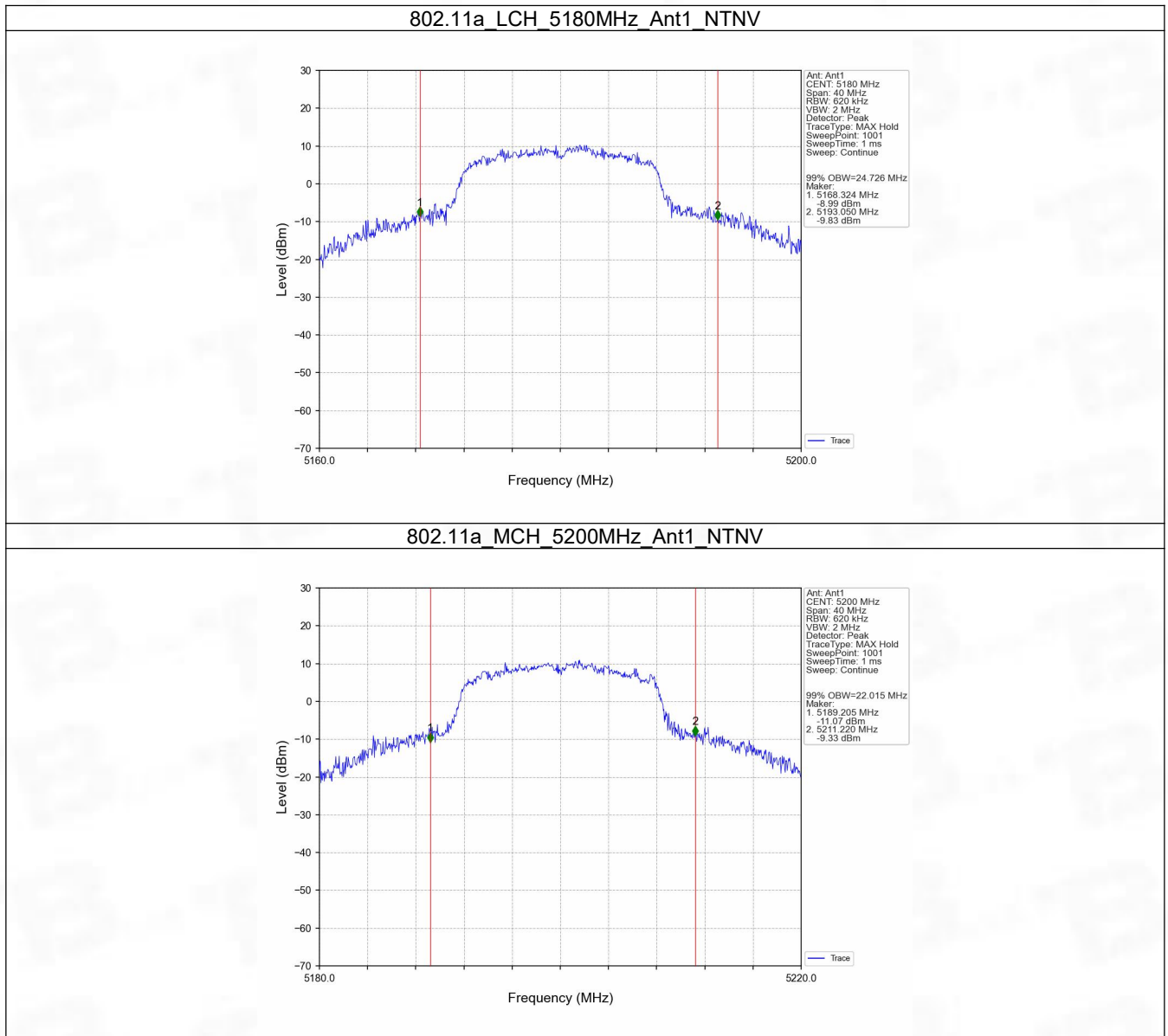
| Mode           | TX Type | Frequency (MHz) | ANT | 26dB Bandwidth (MHz) |       | Verdict |
|----------------|---------|-----------------|-----|----------------------|-------|---------|
|                |         |                 |     | Result               | Limit |         |
| 802.11a        | SISO    | 5180            | 1   | 34.234               | /     | Pass    |
|                |         | 5200            | 1   | 30.800               | /     | Pass    |
|                |         | 5240            | 1   | 28.721               | /     | Pass    |
| 802.11n (HT20) | SISO    | 5180            | 1   | 33.738               | /     | Pass    |
|                |         | 5200            | 1   | 32.635               | /     | Pass    |
|                |         | 5240            | 1   | 31.334               | /     | Pass    |

#### 2.1.3 6dB BW

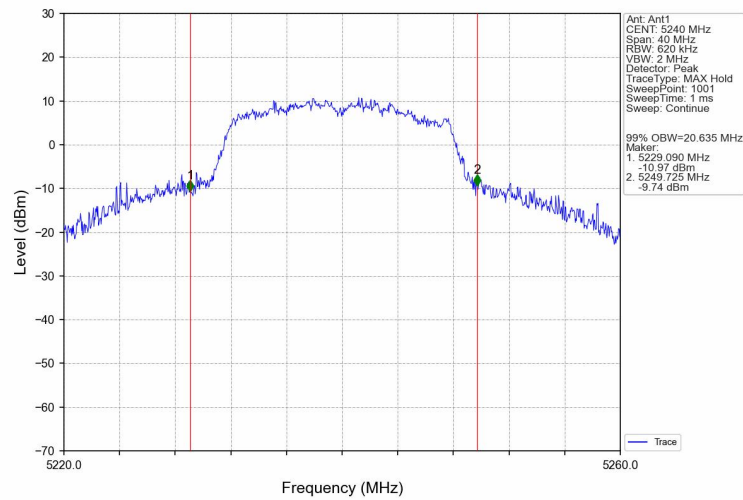
| Mode           | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|----------------|---------|-----------------|-----|---------------------|------------|---------|
|                |         |                 |     | Result              | Limit      |         |
| 802.11a        | SISO    | 5745            | 1   | 13.893              | $\geq 0.5$ | Pass    |
|                |         | 5785            | 1   | 12.643              | $\geq 0.5$ | Pass    |
|                |         | 5825            | 1   | 12.637              | $\geq 0.5$ | Pass    |
| 802.11n (HT20) | SISO    | 5745            | 1   | 13.829              | $\geq 0.5$ | Pass    |
|                |         | 5785            | 1   | 14.976              | $\geq 0.5$ | Pass    |
|                |         | 5825            | 1   | 15.118              | $\geq 0.5$ | Pass    |

## 2.2 Test Graph

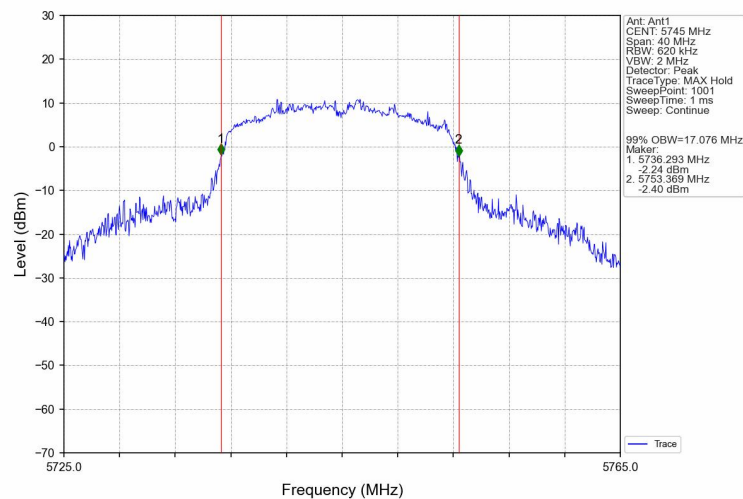
### 2.2.1 OBW



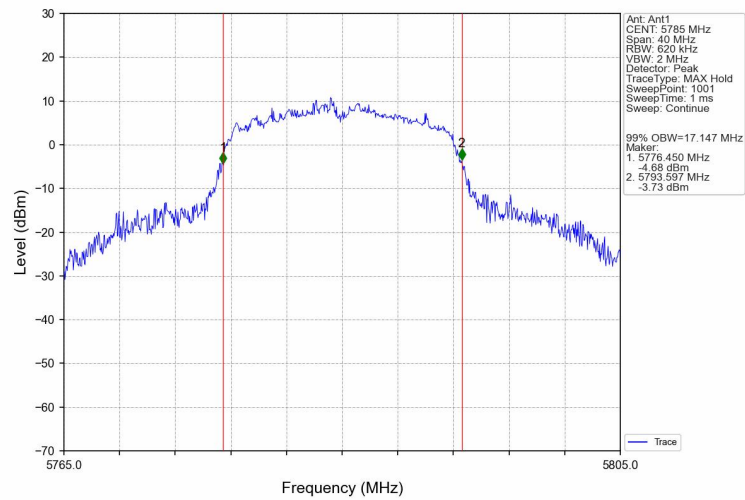
## 802.11a\_HCH\_5240MHz\_Ant1\_NTNV



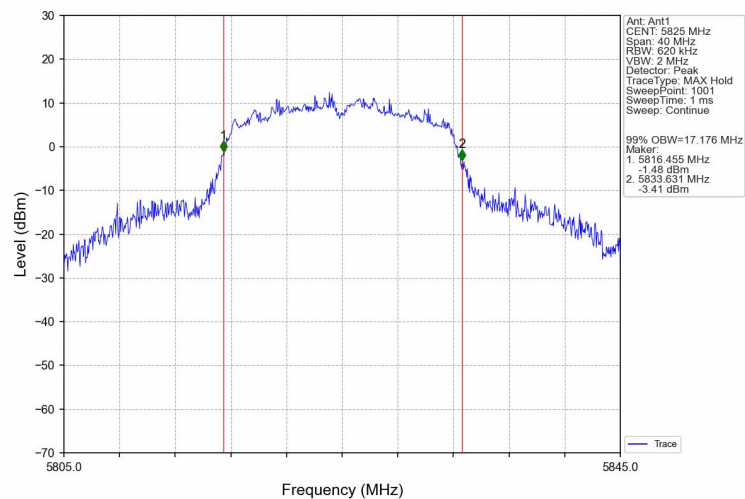
## 802.11a\_LCH\_5745MHz\_Ant1\_NTNV



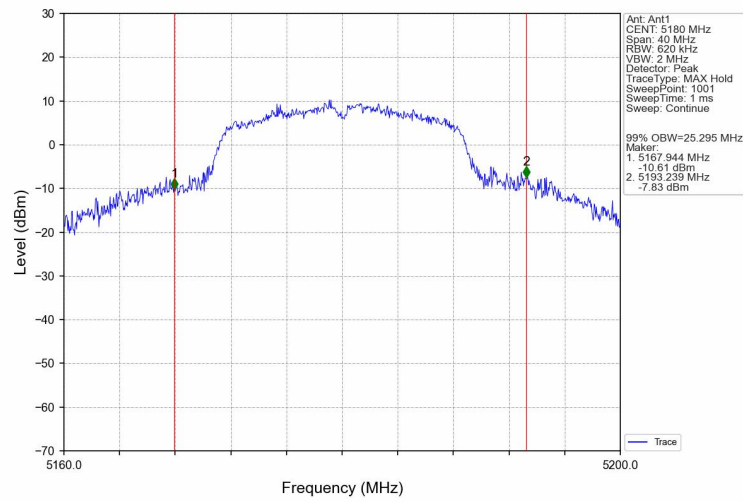
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



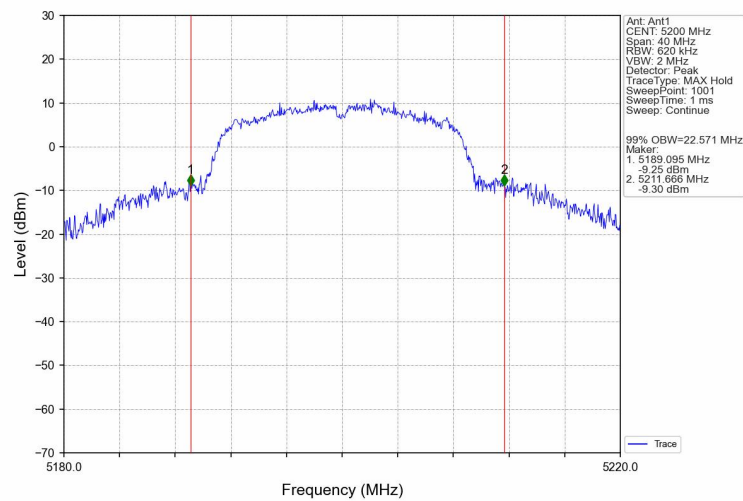
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



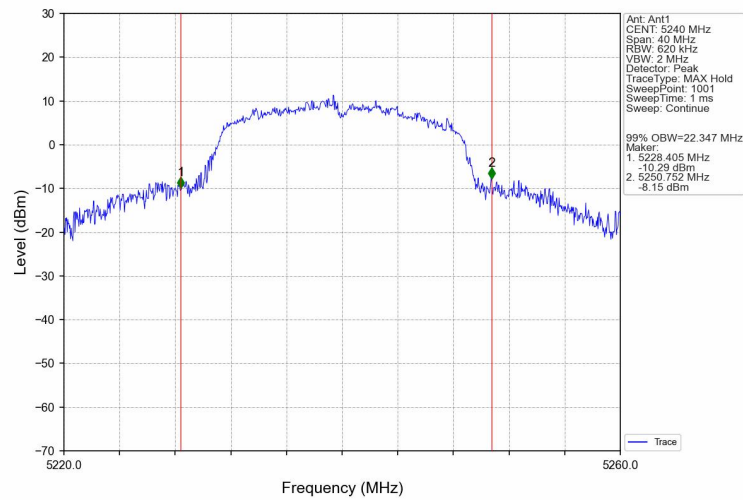
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



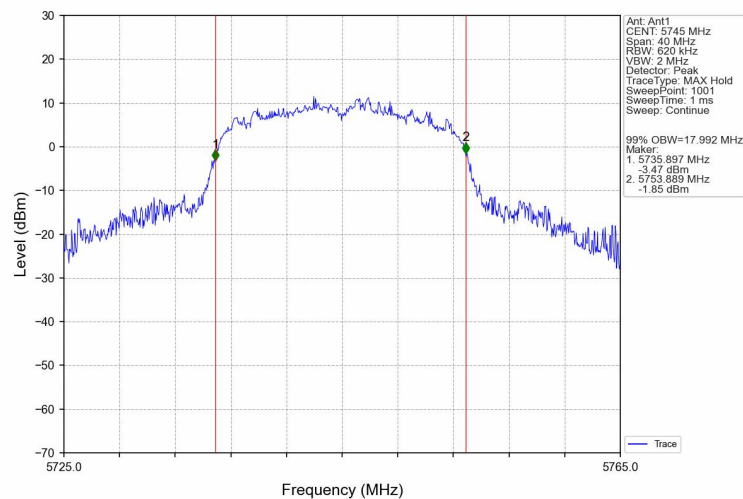
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



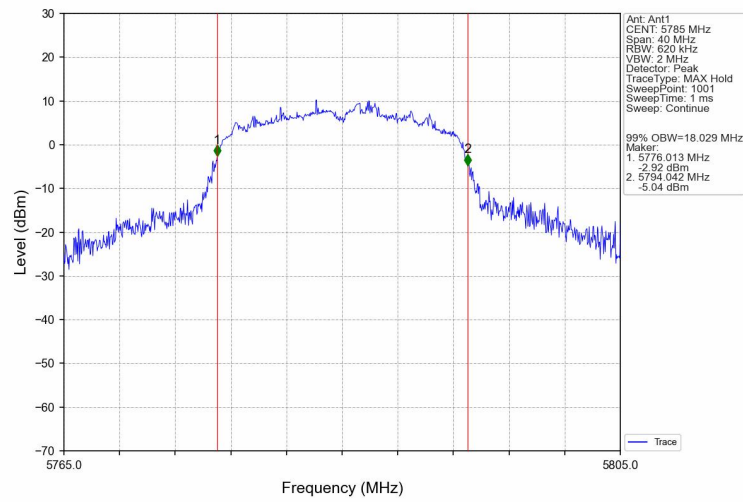
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



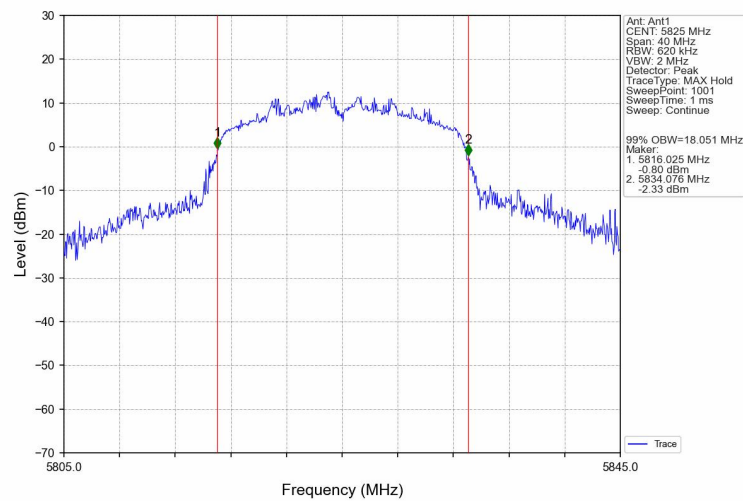
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



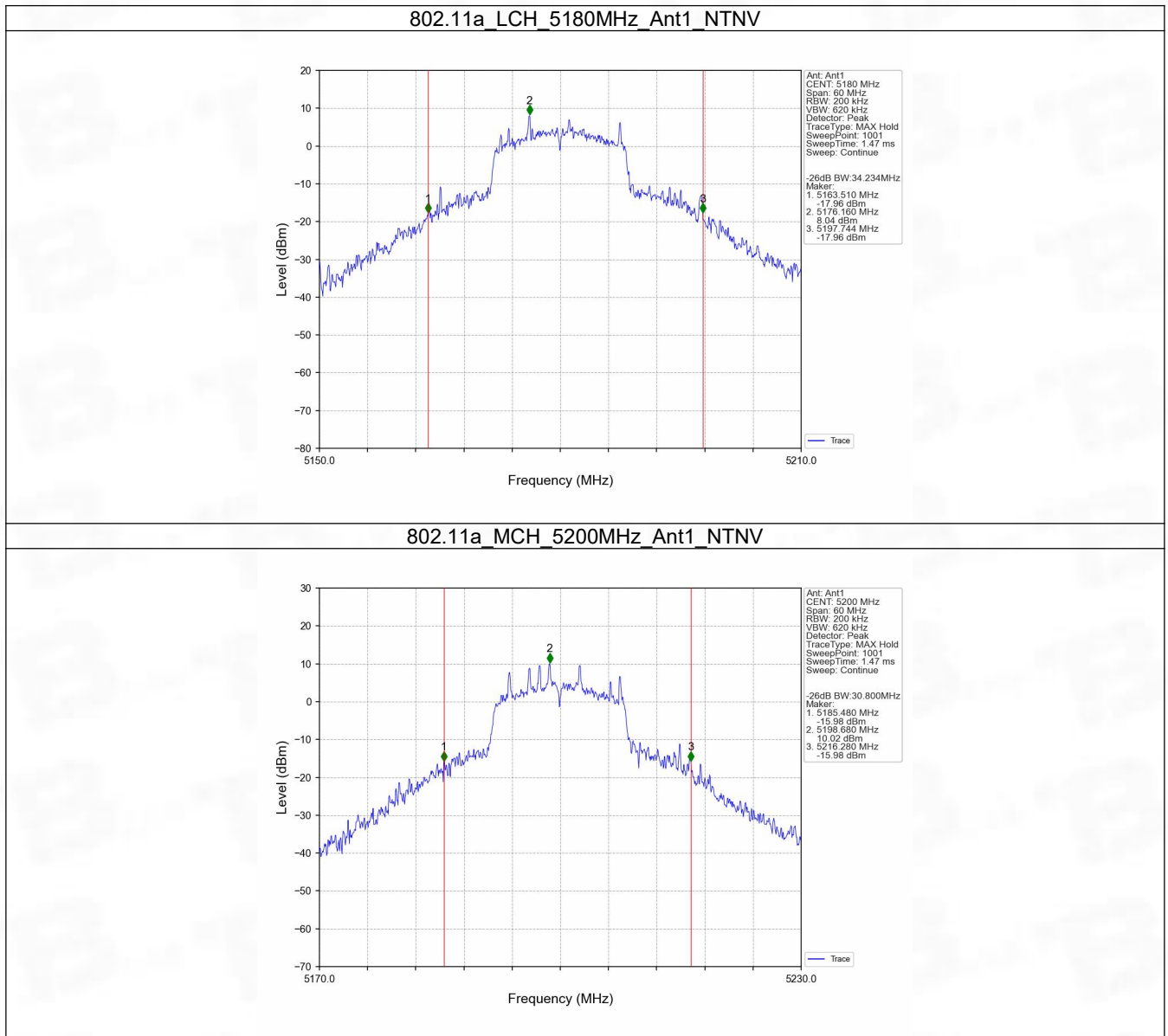
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



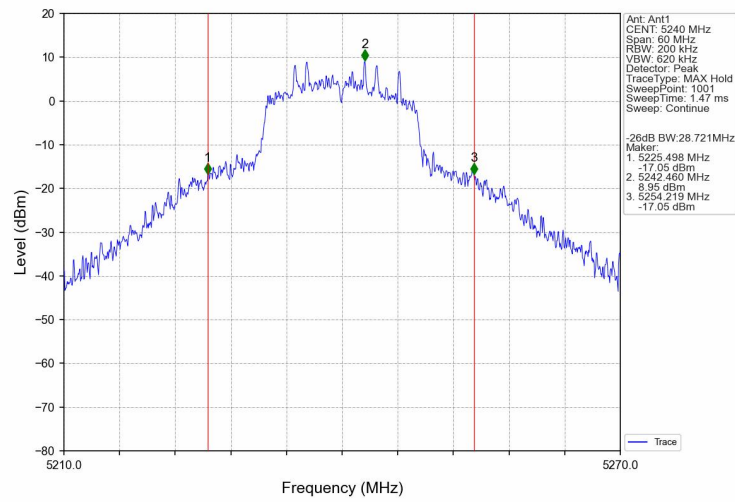
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



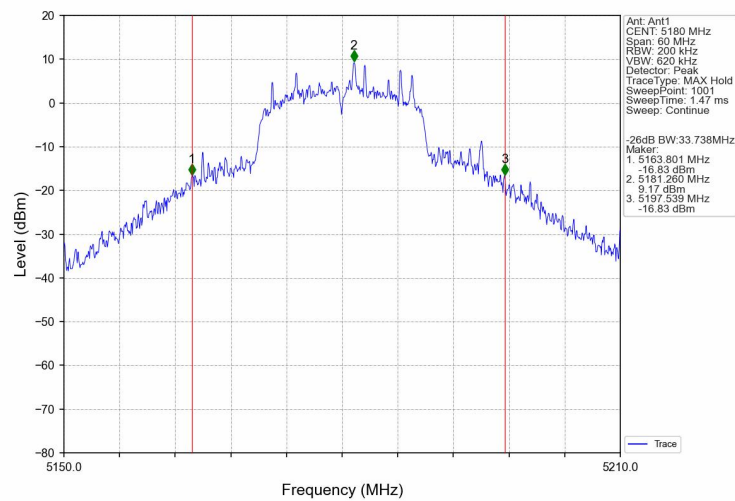
## 2.2.2 26dB BW



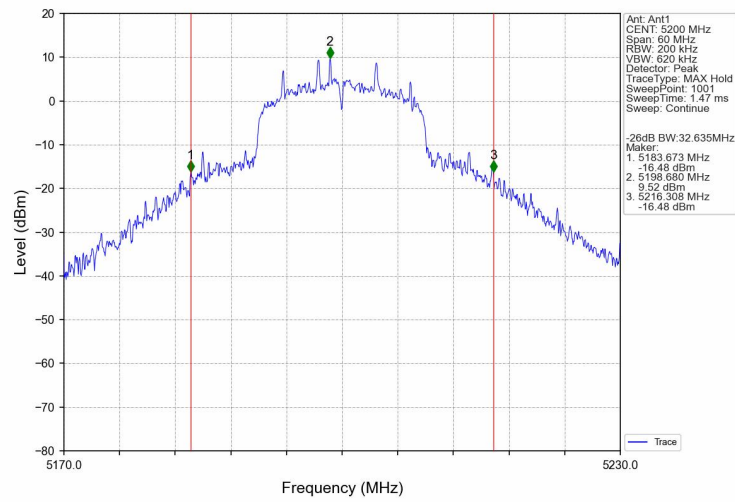
## 802.11a\_HCH\_5240MHz\_Ant1\_NTNV



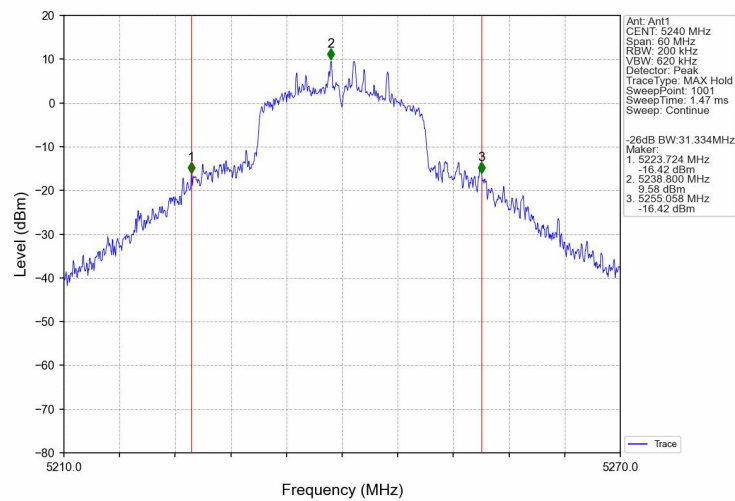
## 802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



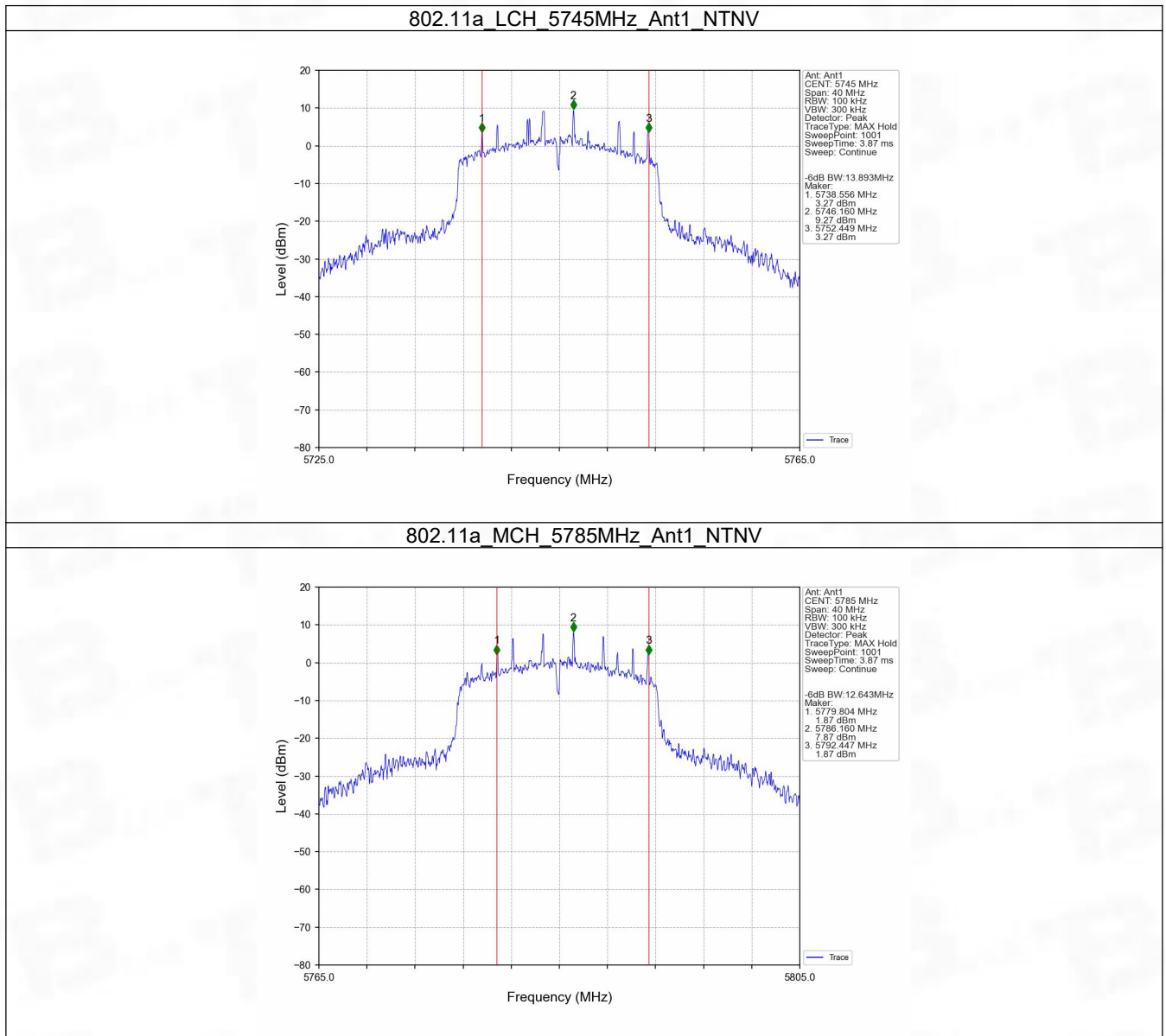
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



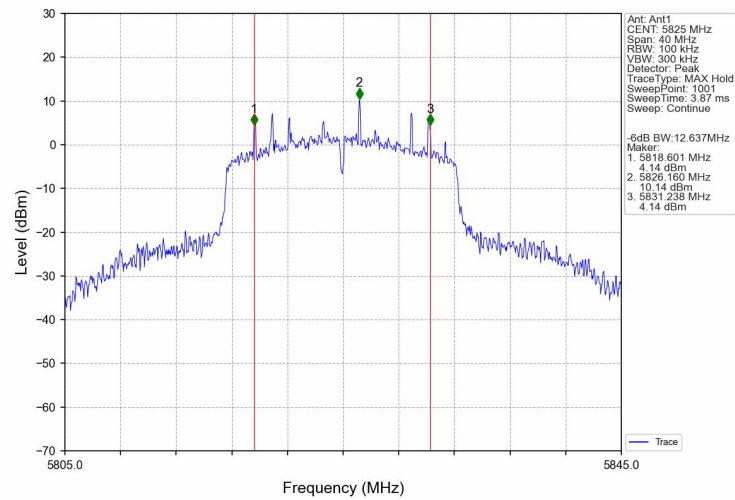
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



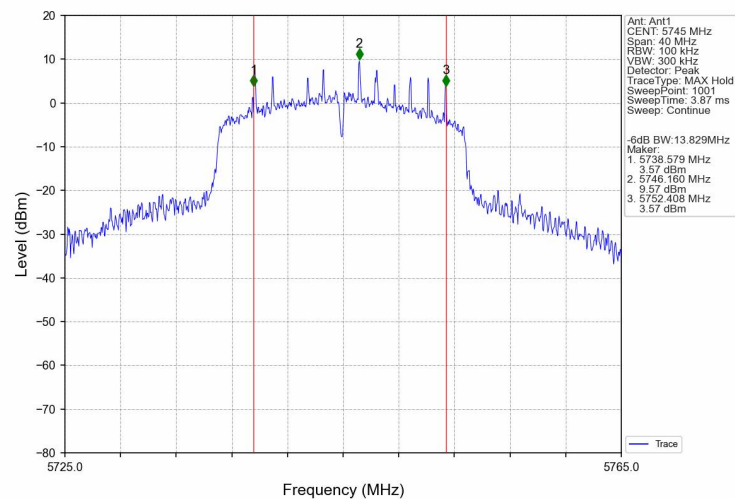
### 2.2.3 6dB BW



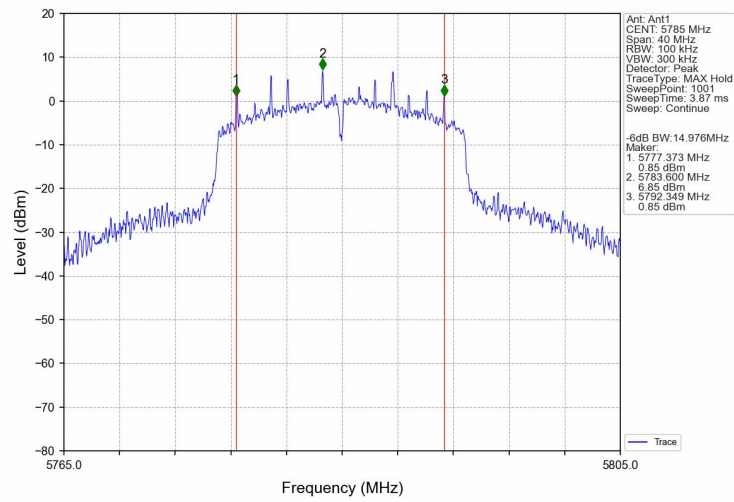
## 802.11a\_HCH\_5825MHz\_Ant1\_NTNV



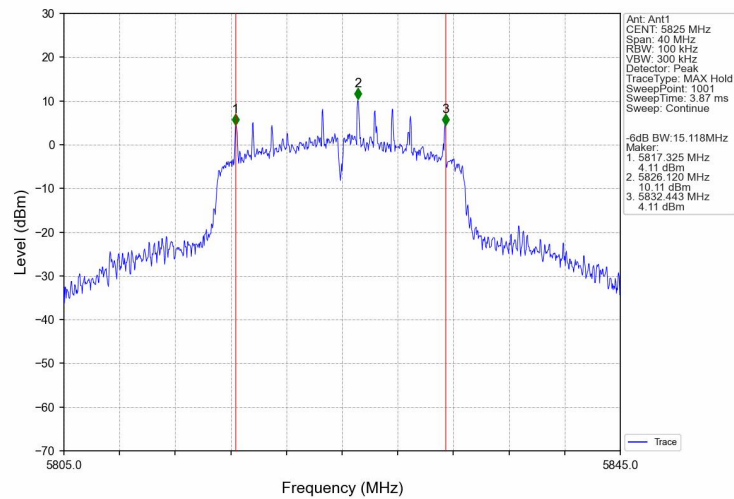
## 802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



### 3. Maximum Conducted Output Power

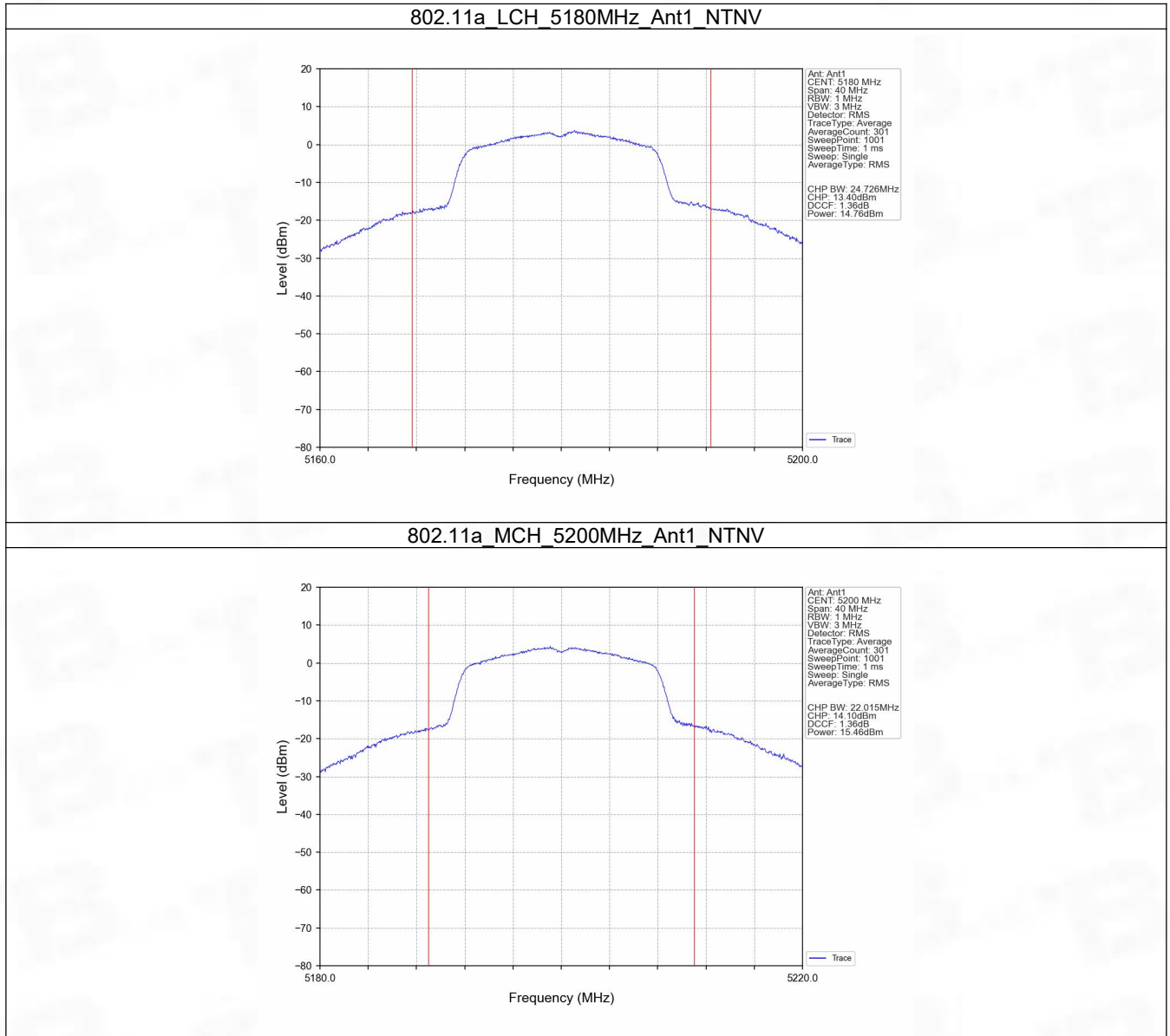
#### 3.1 Test Result

##### 3.1.1 Power

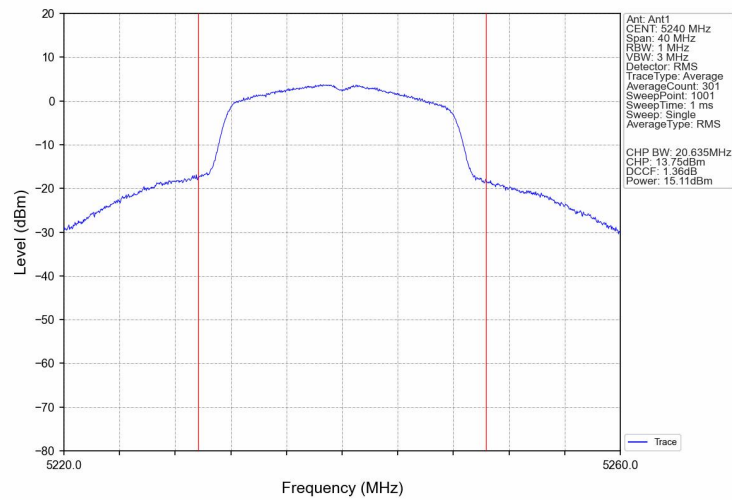
| Mode                                                                         | TX Type | Frequency (MHz) | Maximum Average Conducted Output Power (dBm) |         | Verdict |
|------------------------------------------------------------------------------|---------|-----------------|----------------------------------------------|---------|---------|
|                                                                              |         |                 | ANT1                                         | Limit   |         |
| 802.11a                                                                      | SISO    | 5180            | 14.76                                        | <=23.98 | Pass    |
|                                                                              |         | 5200            | 15.46                                        | <=23.98 | Pass    |
|                                                                              |         | 5240            | 15.11                                        | <=23.98 | Pass    |
|                                                                              |         | 5745            | 15.05                                        | <=30    | Pass    |
|                                                                              |         | 5785            | 13.60                                        | <=30    | Pass    |
|                                                                              |         | 5825            | 14.97                                        | <=30    | Pass    |
| 802.11n (HT20)                                                               | SISO    | 5180            | 14.39                                        | <=23.98 | Pass    |
|                                                                              |         | 5200            | 15.08                                        | <=23.98 | Pass    |
|                                                                              |         | 5240            | 14.98                                        | <=23.98 | Pass    |
|                                                                              |         | 5745            | 14.97                                        | <=30    | Pass    |
|                                                                              |         | 5785            | 13.49                                        | <=30    | Pass    |
|                                                                              |         | 5825            | 15.17                                        | <=30    | Pass    |
| Note1: Antenna Gain:<br>- Band: 1 Ant1: 2.00dBi;<br>- Band: 3 Ant1: 2.00dBi; |         |                 |                                              |         |         |

## 3.2 Test Graph

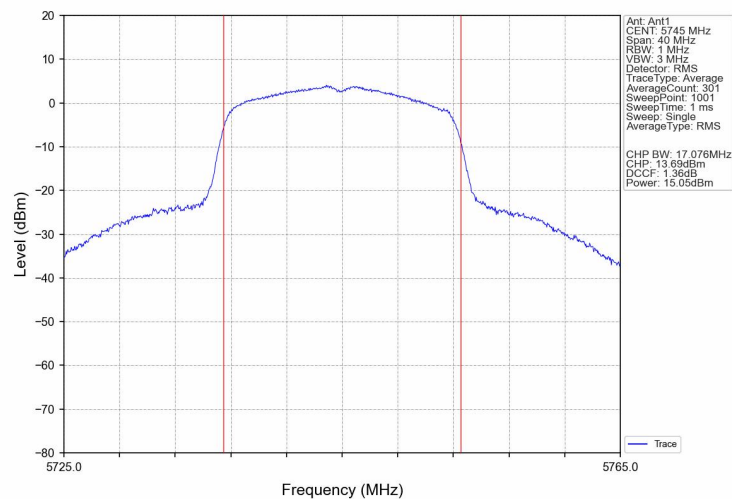
### 3.2.1 Power



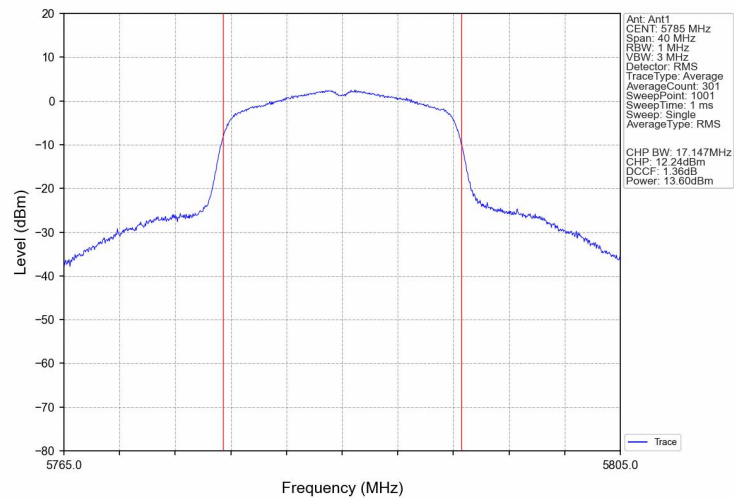
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



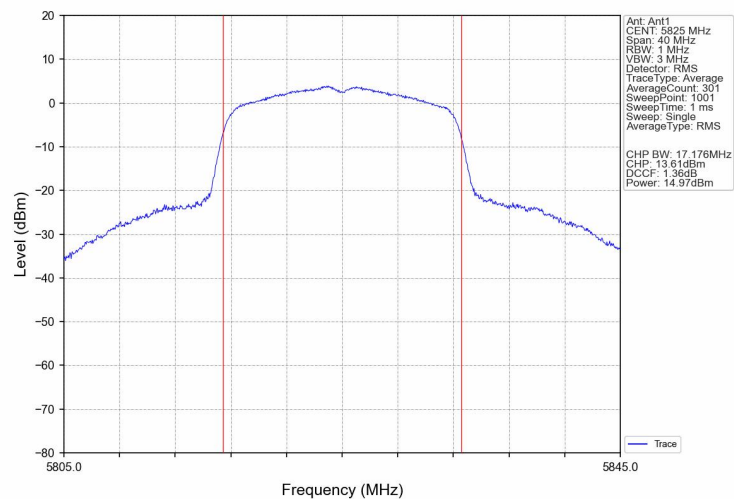
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



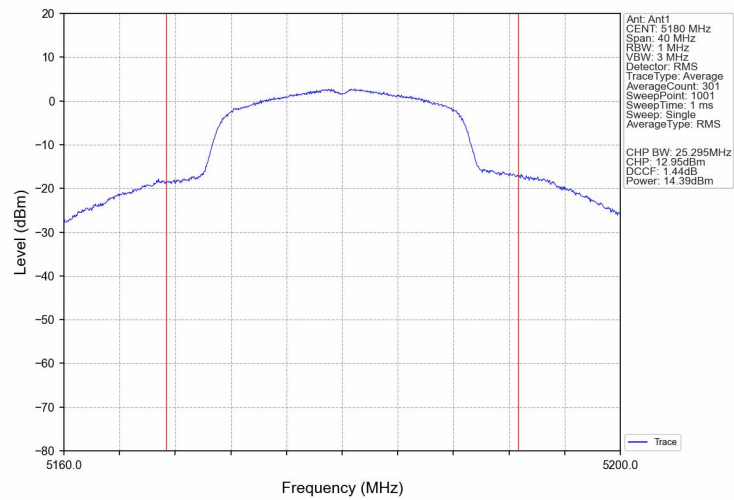
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



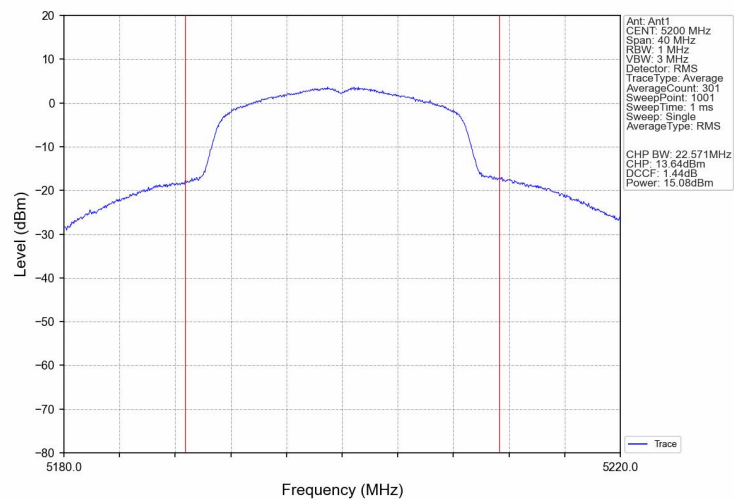
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



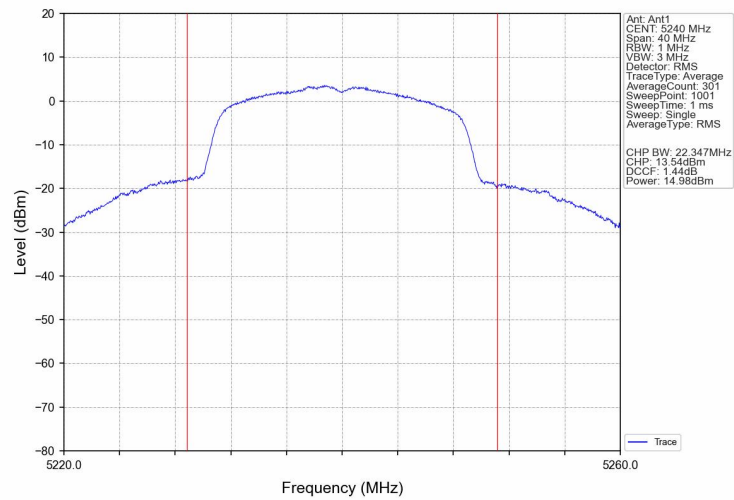
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



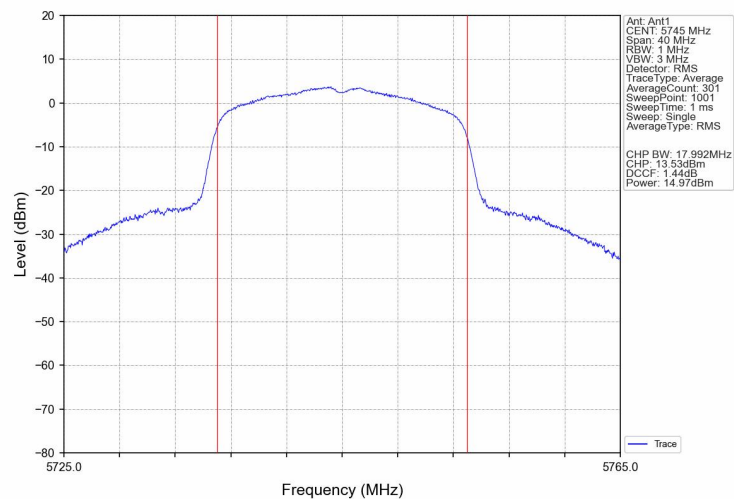
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



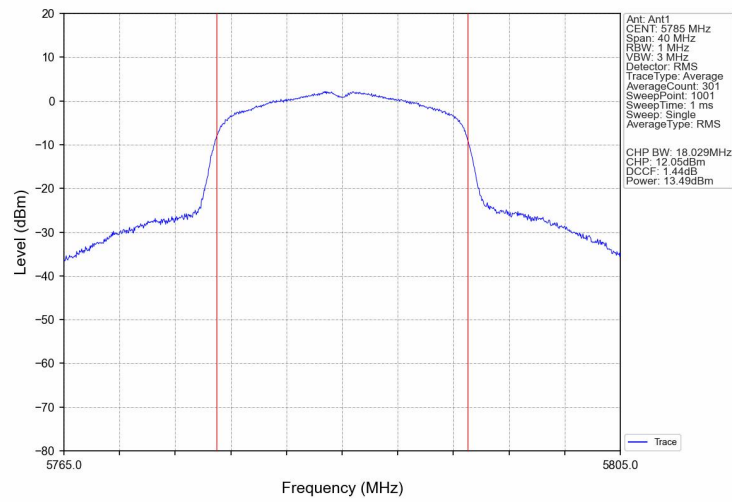
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



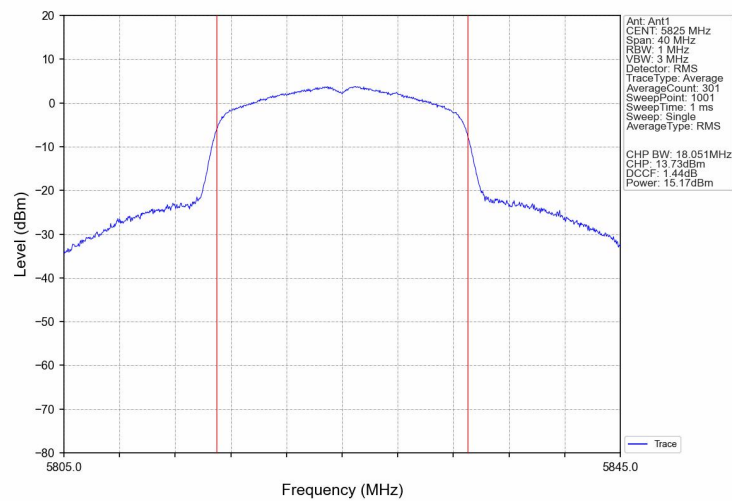
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



## 4. Maximum Power Spectral Density

### 4.1 Test Result

#### 4.1.1 PSD

| Mode           | TX Type | Frequency (MHz) | Maximum PSD (dBm/MHz) |       | Verdict |
|----------------|---------|-----------------|-----------------------|-------|---------|
|                |         |                 | ANT1                  | Limit |         |
| 802.11a        | SISO    | 5180            | 4.65                  | <=11  | Pass    |
|                |         | 5200            | 5.63                  | <=11  | Pass    |
|                |         | 5240            | 5.13                  | <=11  | Pass    |
| 802.11n (HT20) | SISO    | 5180            | 4.59                  | <=11  | Pass    |
|                |         | 5200            | 5.13                  | <=11  | Pass    |
|                |         | 5240            | 4.86                  | <=11  | Pass    |

Note1: Antenna Gain:  
- Band: 1 Ant1: 2.00dBi;  
- Band: 3 Ant1: 2.00dBi;

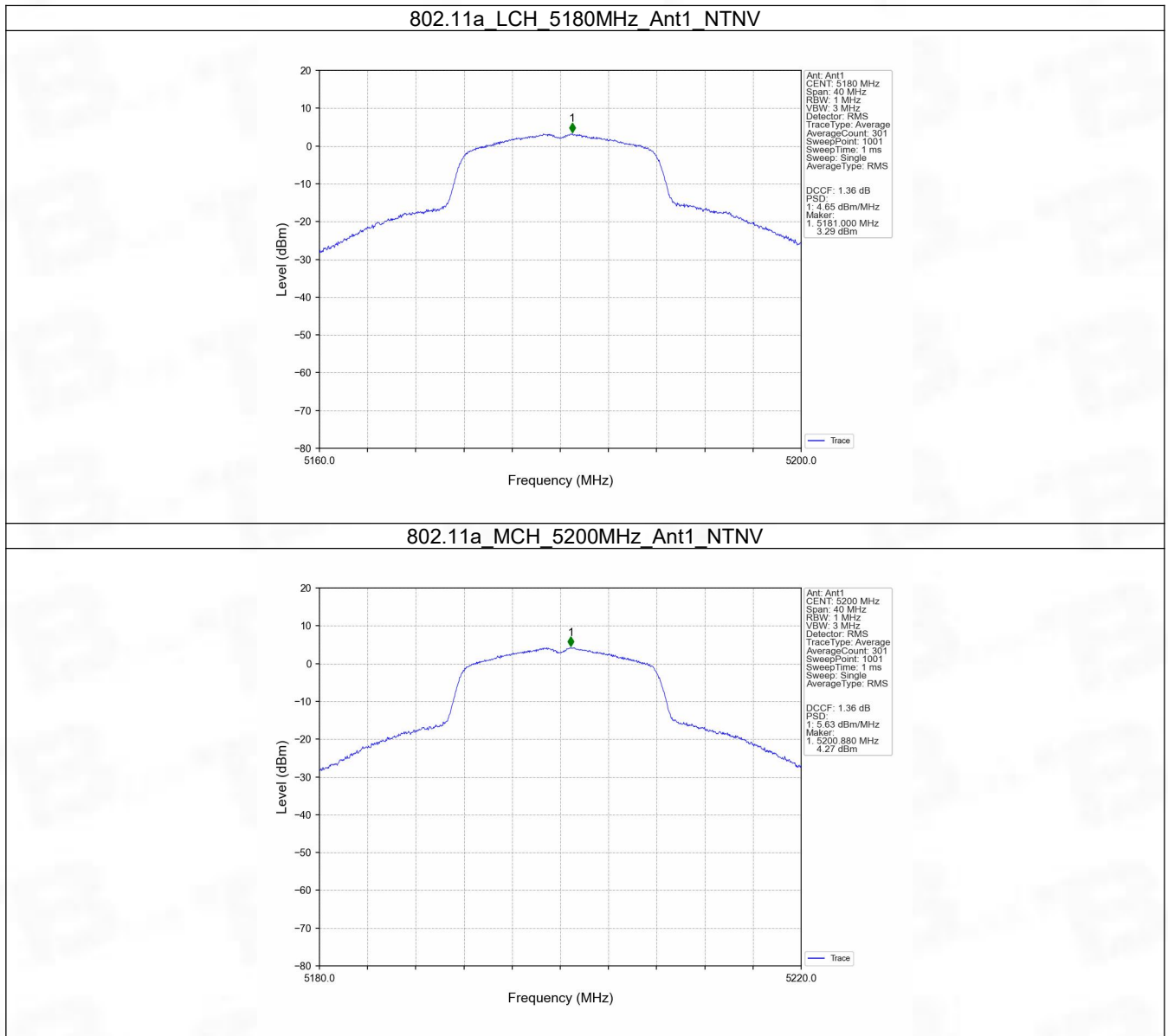
#### 4.1.2 PSD-Band3

| Mode           | TX Type | Frequency (MHz) | Maximum PSD (dBm/500kHz) |       | Verdict |
|----------------|---------|-----------------|--------------------------|-------|---------|
|                |         |                 | ANT1                     | Limit |         |
| 802.11a        | SISO    | 5745            | 2.51                     | <=30  | Pass    |
|                |         | 5785            | 1.18                     | <=30  | Pass    |
|                |         | 5825            | 2.52                     | <=30  | Pass    |
| 802.11n (HT20) | SISO    | 5745            | 2.62                     | <=30  | Pass    |
|                |         | 5785            | 1.17                     | <=30  | Pass    |
|                |         | 5825            | 2.48                     | <=30  | Pass    |

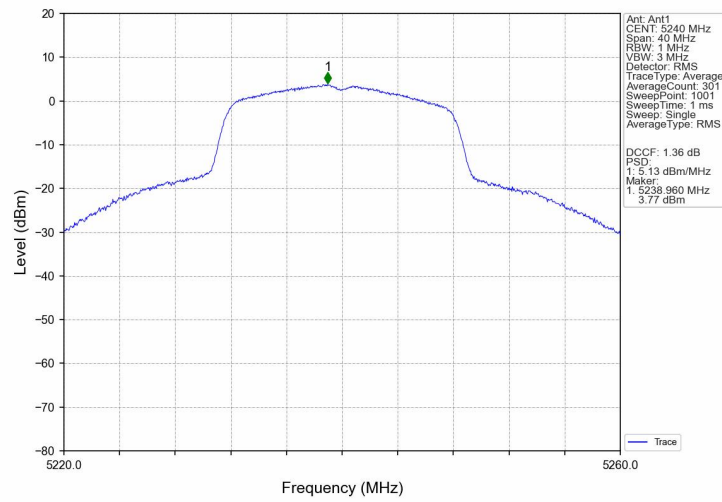
Note1: Antenna Gain:  
- Band: 1 Ant1: 2.00dBi;  
- Band: 3 Ant1: 2.00dBi;  
RB Factor= $10 \cdot \log(500\text{KHz}/300\text{KHz})=2.22$   
Duty Factor= $10 \cdot \log(100\%/\text{Duty Cycle})$   
Maximum PSD (dBm/500KHz)=Measured value

## 4.2 Test Graph

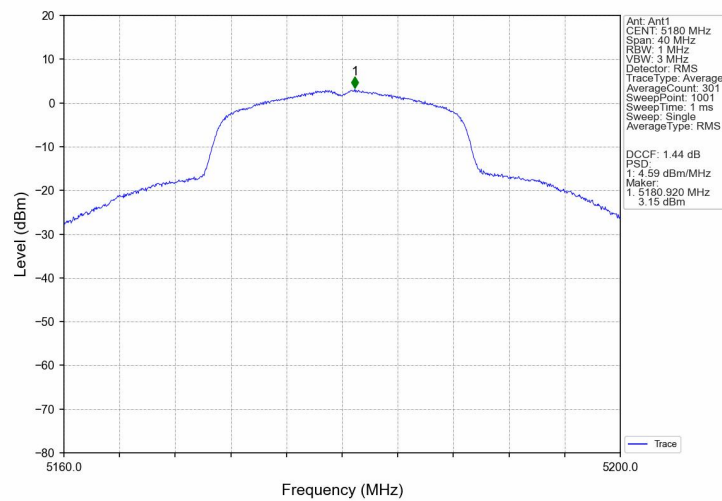
### 4.2.1 PSD



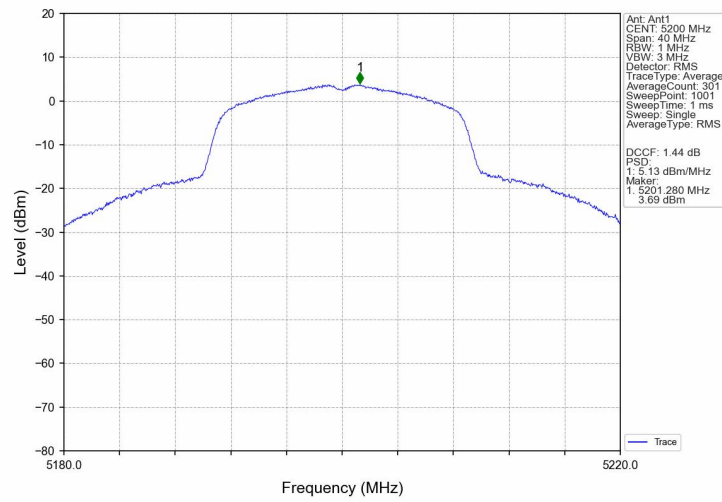
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



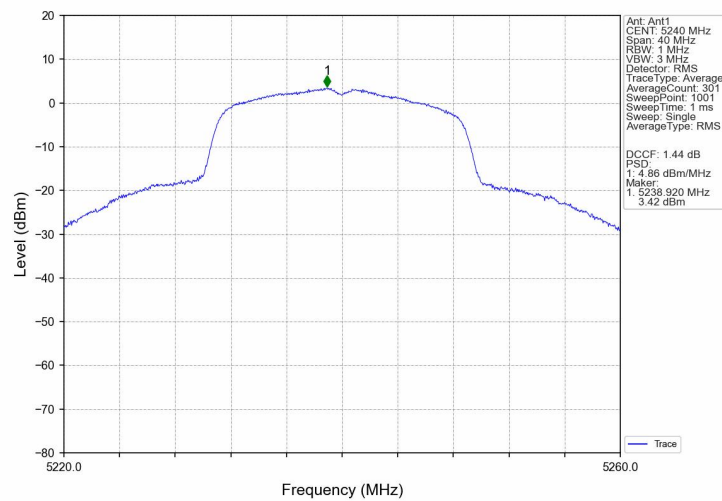
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



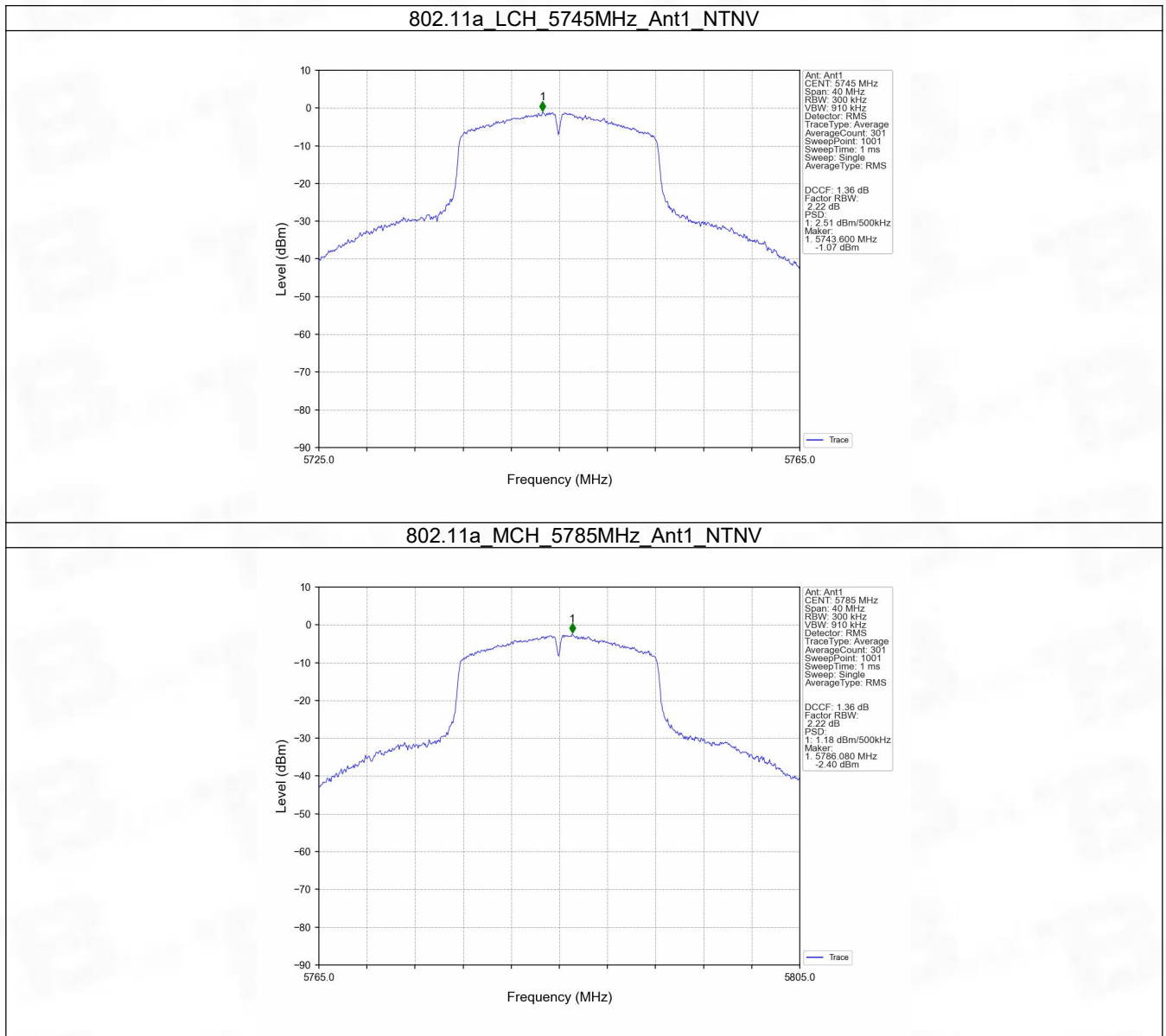
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



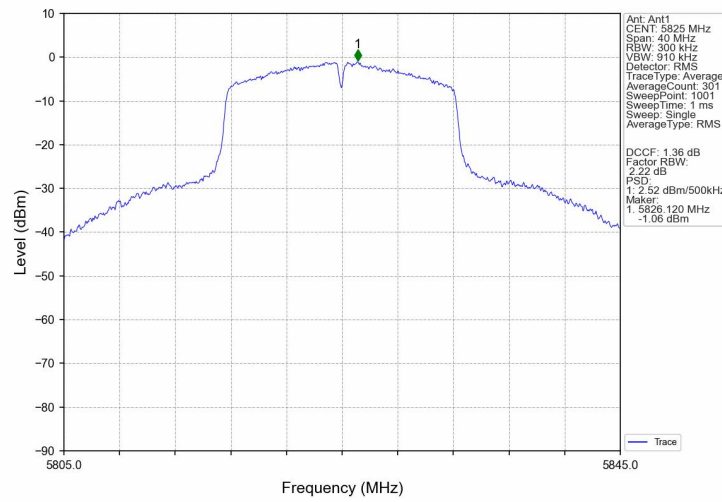
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



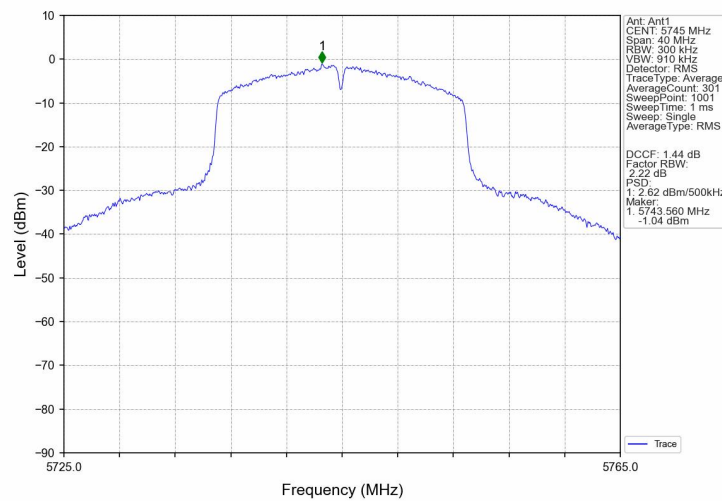
## 4.2.2 PSD-Band3



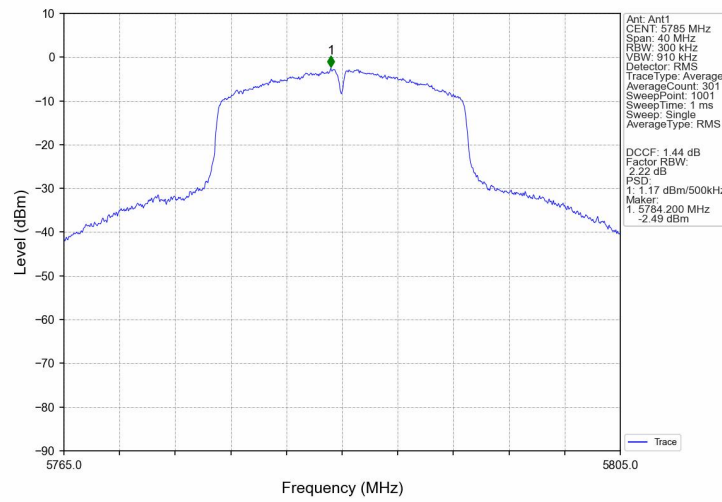
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



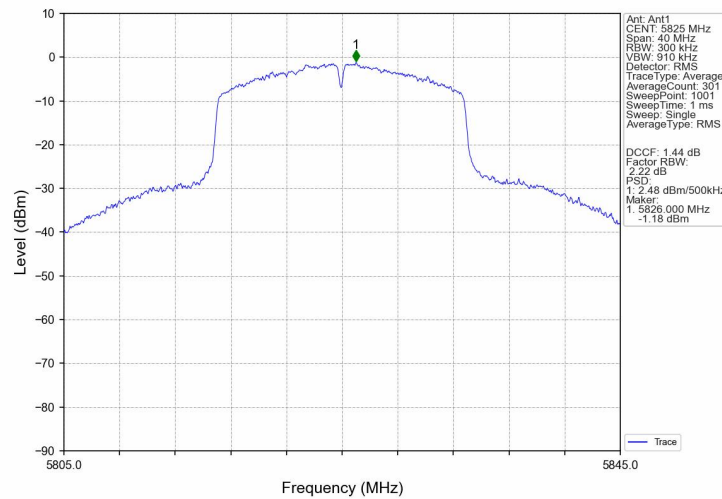
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



## 5. Frequency Stability

### 5.1 Test Result

#### 5.1.1 Ant1

| Ant1    |         |                 |                  |               |                          |              |         |
|---------|---------|-----------------|------------------|---------------|--------------------------|--------------|---------|
| Mode    | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VAC) | Measured Frequency (MHz) | Limit (MHz)  | Verdict |
| 802.11a | SISO    | 5180            | 20               | 102           | 5179.960                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5179.960                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5179.920                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5179.960                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5180.060                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5180.020                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5179.960                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5179.940                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5179.980                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5179.920                 | 5150 to 5250 | Pass    |
|         |         | 5200            | 20               | 102           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5199.980                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5199.980                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5199.960                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5199.940                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5199.920                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5199.960                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5199.940                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5199.940                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5199.940                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5200.040                 | 5150 to 5250 | Pass    |
|         |         | 5240            | 20               | 102           | 5239.760                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5239.800                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5239.860                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5239.940                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5239.740                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5239.940                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5239.860                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5239.820                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5239.900                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5239.840                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5239.860                 | 5150 to 5250 | Pass    |
|         |         | 5745            | 20               | 102           | 5744.760                 | 5725 to 5850 | Pass    |
|         |         |                 |                  | 120           | 5744.600                 | 5725 to 5850 | Pass    |
|         |         |                 |                  | 138           | 5744.780                 | 5725 to 5850 | Pass    |
|         |         |                 | -30              | 120           | 5744.680                 | 5725 to 5850 | Pass    |
|         |         |                 | -20              | 120           | 5744.760                 | 5725 to 5850 | Pass    |
|         |         |                 | -10              | 120           | 5744.780                 | 5725 to 5850 | Pass    |
|         |         |                 | 0                | 120           | 5744.720                 | 5725 to 5850 | Pass    |
|         |         |                 | 10               | 120           | 5744.840                 | 5725 to 5850 | Pass    |
|         |         |                 | 30               | 120           | 5744.840                 | 5725 to 5850 | Pass    |
|         |         |                 | 40               | 120           | 5744.940                 | 5725 to 5850 | Pass    |
|         |         |                 | 50               | 120           | 5744.940                 | 5725 to 5850 | Pass    |
|         |         | 5785            | 20               | 102           | 5785.020                 | 5725 to 5850 | Pass    |
|         |         |                 |                  | 120           | 5784.960                 | 5725 to 5850 | Pass    |
|         |         |                 |                  | 138           | 5784.820                 | 5725 to 5850 | Pass    |
|         |         |                 | -30              | 120           | 5784.860                 | 5725 to 5850 | Pass    |

|                   |      |      |     |     |          |              |      |
|-------------------|------|------|-----|-----|----------|--------------|------|
|                   |      |      | -20 | 120 | 5784.980 | 5725 to 5850 | Pass |
|                   |      |      | -10 | 120 | 5784.900 | 5725 to 5850 | Pass |
|                   |      |      | 0   | 120 | 5784.860 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5784.960 | 5725 to 5850 | Pass |
|                   |      |      | 30  | 120 | 5784.880 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5784.980 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5784.900 | 5725 to 5850 | Pass |
|                   |      | 5825 | 20  | 102 | 5824.940 | 5725 to 5850 | Pass |
|                   |      |      |     | 120 | 5824.800 | 5725 to 5850 | Pass |
|                   |      |      |     | 138 | 5824.960 | 5725 to 5850 | Pass |
|                   |      |      | -30 | 120 | 5824.940 | 5725 to 5850 | Pass |
|                   |      |      | -20 | 120 | 5824.860 | 5725 to 5850 | Pass |
|                   |      |      | -10 | 120 | 5824.900 | 5725 to 5850 | Pass |
|                   |      |      | 0   | 120 | 5824.800 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5824.840 | 5725 to 5850 | Pass |
|                   |      |      | 30  | 120 | 5824.980 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5824.860 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5824.940 | 5725 to 5850 | Pass |
| 802.11n<br>(HT20) | SISO | 5180 | 20  | 102 | 5180.020 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5180.040 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5179.920 | 5150 to 5250 | Pass |
|                   |      |      | -30 | 120 | 5180.040 | 5150 to 5250 | Pass |
|                   |      |      | -20 | 120 | 5180.020 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5179.960 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5179.980 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5179.980 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5180.060 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5180.040 | 5150 to 5250 | Pass |
|                   |      |      | 50  | 120 | 5179.960 | 5150 to 5250 | Pass |
|                   |      | 5200 | 20  | 102 | 5200.160 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5199.940 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5199.920 | 5150 to 5250 | Pass |
|                   |      |      | -30 | 120 | 5199.940 | 5150 to 5250 | Pass |
|                   |      |      | -20 | 120 | 5199.840 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5200.040 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5199.980 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5200.040 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5200.040 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5200.020 | 5150 to 5250 | Pass |
|                   |      |      | 50  | 120 | 5199.980 | 5150 to 5250 | Pass |
|                   |      | 5240 | 20  | 102 | 5239.880 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5239.820 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5239.920 | 5150 to 5250 | Pass |
|                   |      |      | -30 | 120 | 5239.780 | 5150 to 5250 | Pass |
|                   |      |      | -20 | 120 | 5239.680 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5239.860 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5239.800 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5239.800 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5239.780 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5239.720 | 5150 to 5250 | Pass |
|                   |      |      | 50  | 120 | 5239.760 | 5150 to 5250 | Pass |
|                   |      | 5745 | 20  | 102 | 5744.840 | 5725 to 5850 | Pass |
|                   |      |      |     | 120 | 5744.820 | 5725 to 5850 | Pass |
|                   |      |      |     | 138 | 5744.340 | 5725 to 5850 | Pass |
|                   |      |      | -30 | 120 | 5744.720 | 5725 to 5850 | Pass |
|                   |      |      | -20 | 120 | 5744.640 | 5725 to 5850 | Pass |
|                   |      |      | -10 | 120 | 5744.900 | 5725 to 5850 | Pass |
|                   |      |      | 0   | 120 | 5744.640 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5744.560 | 5725 to 5850 | Pass |

|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      | 30  | 120 | 5744.660 | 5725 to 5850 | Pass |
|  |  |      | 40  | 120 | 5744.800 | 5725 to 5850 | Pass |
|  |  |      | 50  | 120 | 5744.980 | 5725 to 5850 | Pass |
|  |  | 5785 | 20  | 102 | 5784.980 | 5725 to 5850 | Pass |
|  |  |      |     | 120 | 5784.940 | 5725 to 5850 | Pass |
|  |  |      |     | 138 | 5784.760 | 5725 to 5850 | Pass |
|  |  |      | -30 | 120 | 5784.800 | 5725 to 5850 | Pass |
|  |  |      | -20 | 120 | 5784.800 | 5725 to 5850 | Pass |
|  |  |      | -10 | 120 | 5785.300 | 5725 to 5850 | Pass |
|  |  |      | 0   | 120 | 5785.020 | 5725 to 5850 | Pass |
|  |  |      | 10  | 120 | 5785.060 | 5725 to 5850 | Pass |
|  |  |      | 30  | 120 | 5784.680 | 5725 to 5850 | Pass |
|  |  |      | 40  | 120 | 5785.040 | 5725 to 5850 | Pass |
|  |  |      | 50  | 120 | 5785.140 | 5725 to 5850 | Pass |
|  |  | 5825 | 20  | 102 | 5824.920 | 5725 to 5850 | Pass |
|  |  |      |     | 120 | 5825.100 | 5725 to 5850 | Pass |
|  |  |      |     | 138 | 5824.840 | 5725 to 5850 | Pass |
|  |  |      | -30 | 120 | 5824.860 | 5725 to 5850 | Pass |
|  |  |      | -20 | 120 | 5824.980 | 5725 to 5850 | Pass |
|  |  |      | -10 | 120 | 5824.700 | 5725 to 5850 | Pass |
|  |  |      | 0   | 120 | 5824.980 | 5725 to 5850 | Pass |
|  |  |      | 10  | 120 | 5825.080 | 5725 to 5850 | Pass |
|  |  |      | 30  | 120 | 5825.020 | 5725 to 5850 | Pass |
|  |  |      | 40  | 120 | 5824.780 | 5725 to 5850 | Pass |
|  |  |      | 50  | 120 | 5824.980 | 5725 to 5850 | Pass |

## 6. Form731

### 6.1 Test Result

#### 6.1.1 Form731

| Lower Freq (MHz) | High Freq (MHz) | MAX Power (W) | MAX Power (dBm) |
|------------------|-----------------|---------------|-----------------|
| 5180             | 5240            | 0.0352        | 15.46           |
| 5745             | 5825            | 0.0329        | 15.17           |