

## **Appendix RF test data for WIFI5G**

## 1. Duty Cycle

### 1.1 Test Result

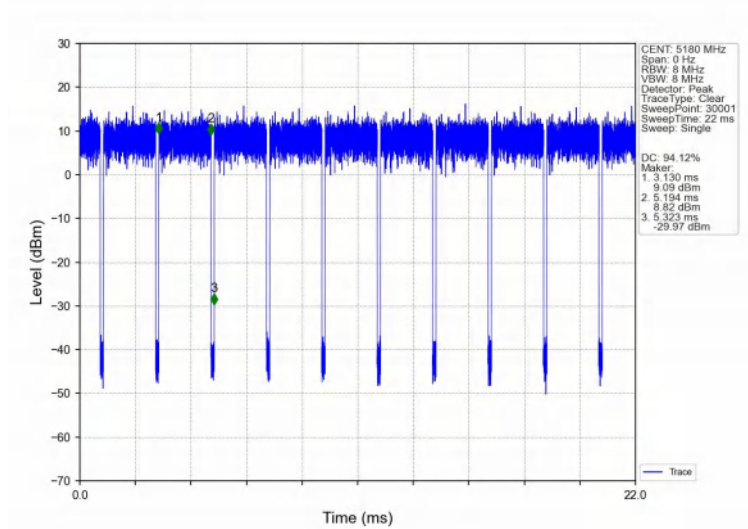
#### 1.1.1 Ant1

| 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            | 2.064     | 2.193       | 94.12          | 0.26                              | 0.03                  |
|                |         | 5200            | 2.065     | 2.194       | 94.12          | 0.26                              | 0.03                  |
|                |         | 5240            | 2.065     | 2.195       | 94.08          | 0.27                              | 0.06                  |
|                |         | 5745            | 2.065     | 2.194       | 94.12          | 0.26                              | 0.04                  |
|                |         | 5785            | 2.065     | 2.194       | 94.12          | 0.26                              | 0.04                  |
|                |         | 5825            | 2.066     | 2.195       | 94.12          | 0.26                              | 0.04                  |
| 802.11n (HT20) | SISO    | 5180            | 1.921     | 2.050       | 93.71          | 0.28                              | 0.04                  |
|                |         | 5200            | 1.921     | 2.050       | 93.71          | 0.28                              | 0.00                  |
|                |         | 5240            | 1.920     | 2.050       | 93.66          | 0.28                              | 0.03                  |
|                |         | 5745            | 1.921     | 2.049       | 93.75          | 0.28                              | 0.00                  |
|                |         | 5785            | 1.921     | 2.050       | 93.71          | 0.28                              | 0.04                  |
|                |         | 5825            | 1.921     | 2.050       | 93.71          | 0.28                              | 0.07                  |
| 802.11n (HT40) | SISO    | 5190            | 0.945     | 1.074       | 87.99          | 0.56                              | 0.03                  |
|                |         | 5230            | 0.944     | 1.074       | 87.90          | 0.56                              | 0.03                  |
|                |         | 5755            | 0.945     | 1.074       | 87.99          | 0.56                              | 0.03                  |
|                |         | 5795            | 0.944     | 1.074       | 87.90          | 0.56                              | 0.03                  |

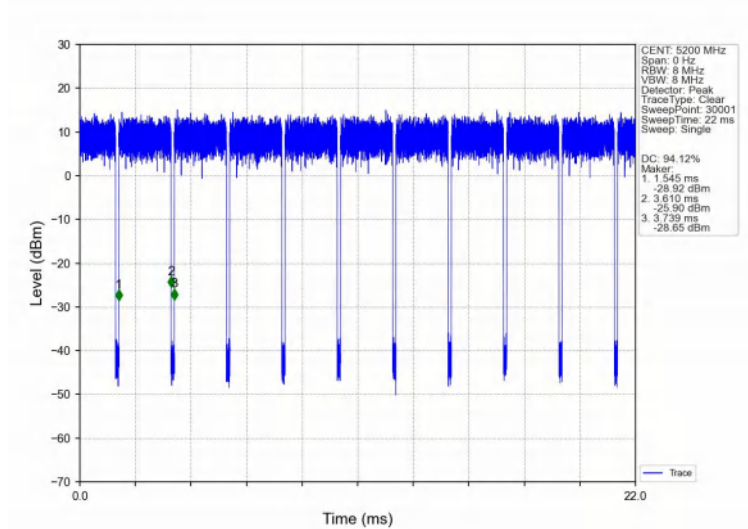
## 1.2 Test Graph

### 1.2.1 Ant1

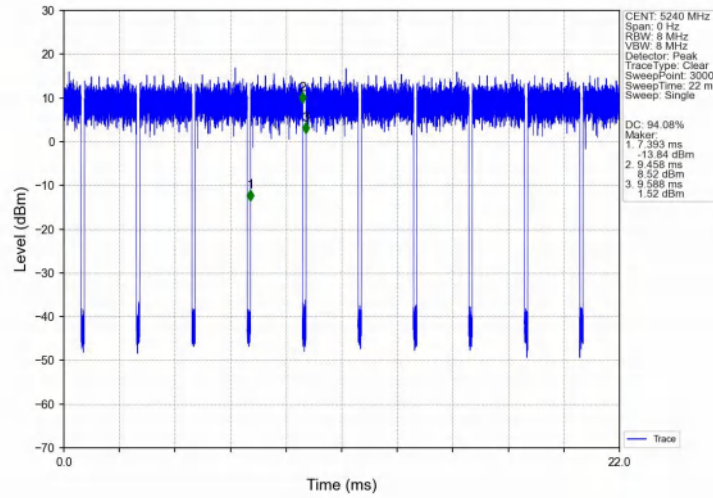
802.11a\_LCH\_5180MHz\_Ant1\_NTNV



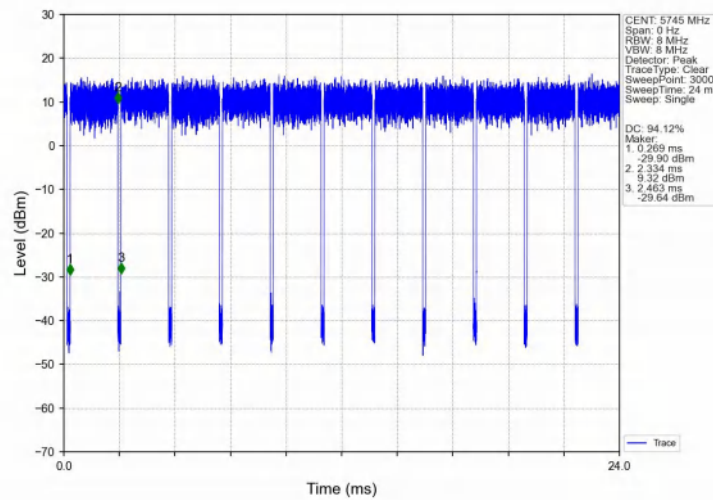
802.11a\_MCH\_5200MHz\_Ant1\_NTNV



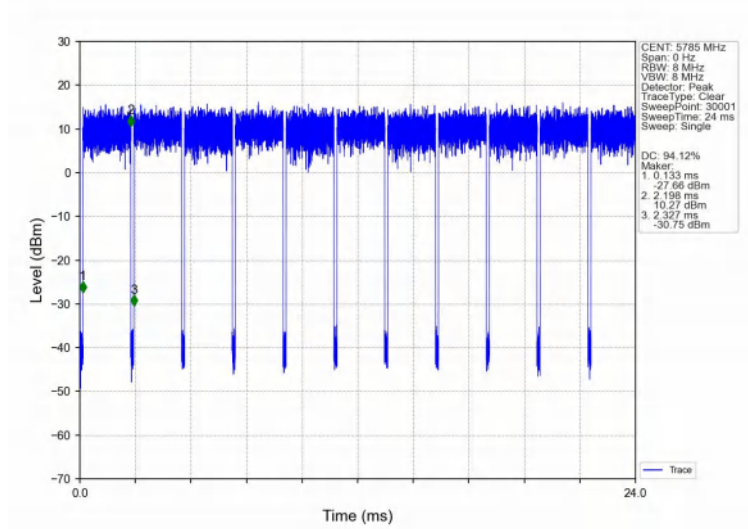
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



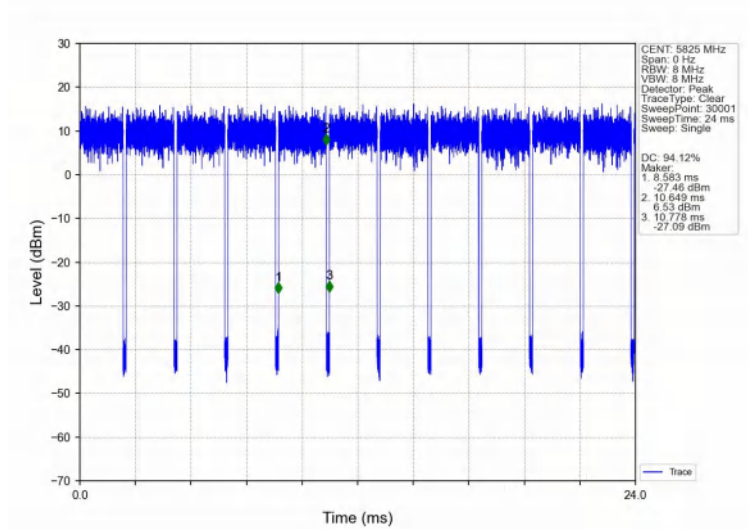
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



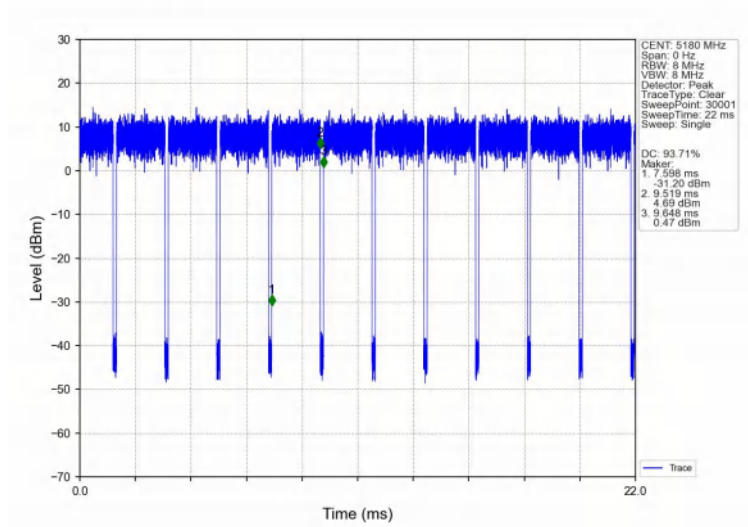
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



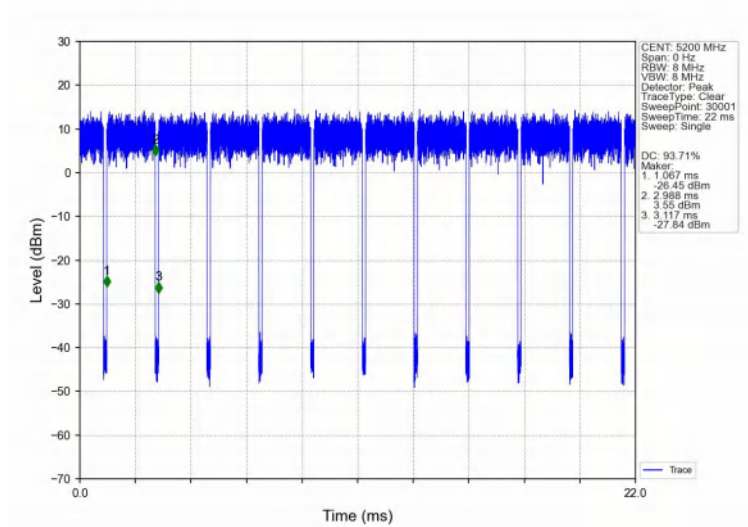
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



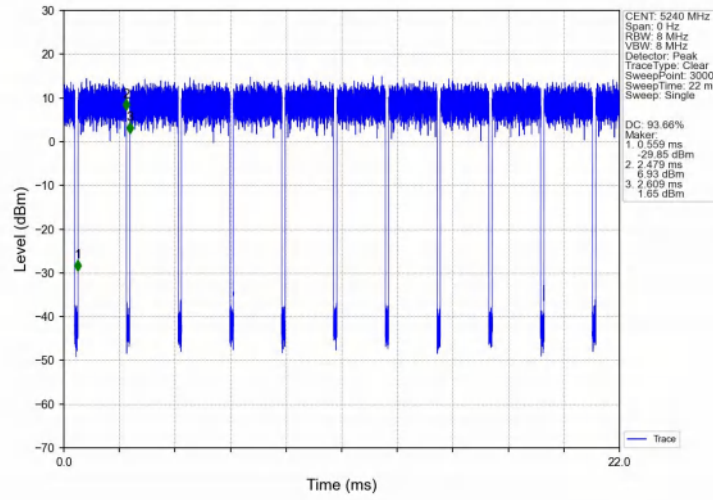
## 802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



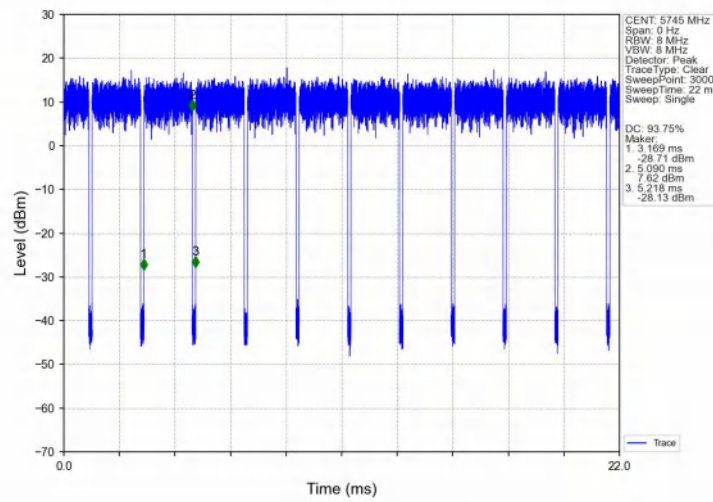
## 802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



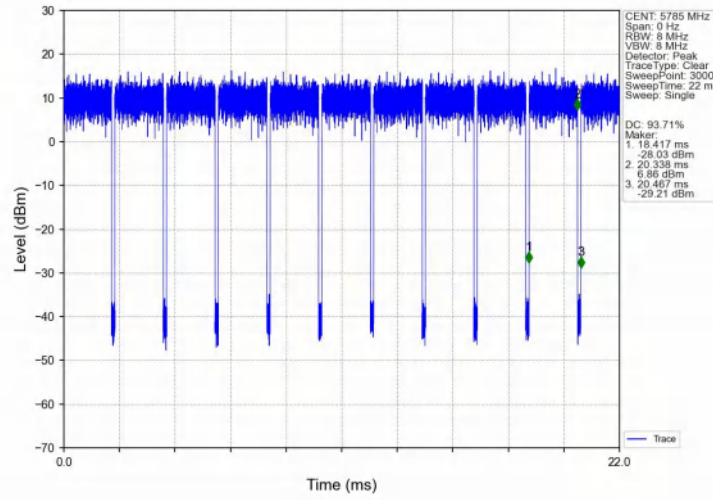
## 802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



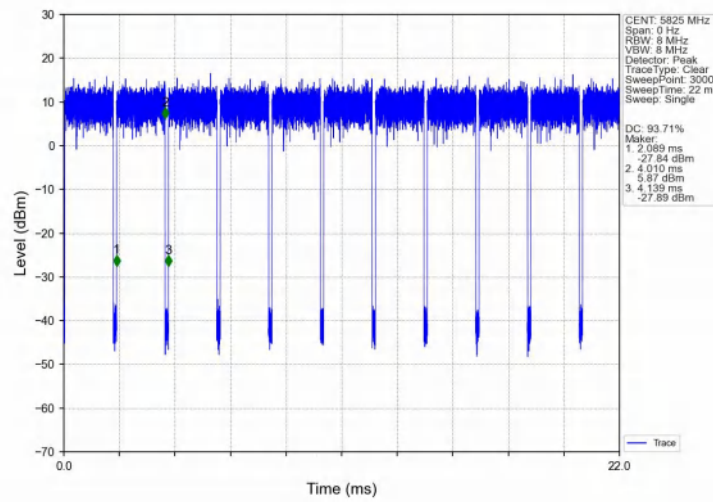
## 802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



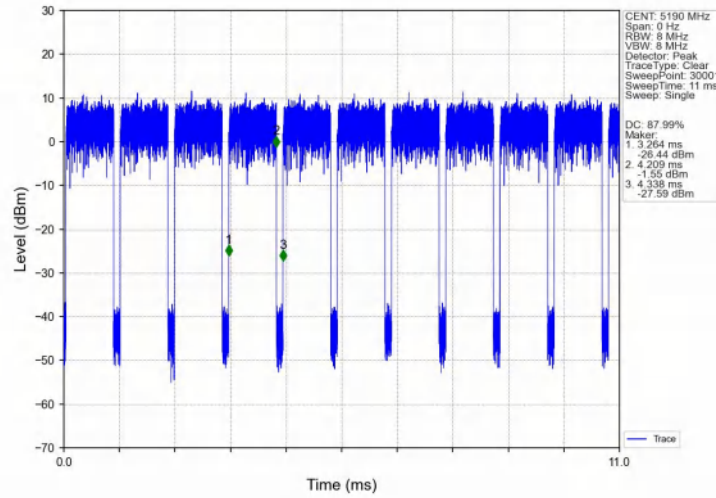
## 802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



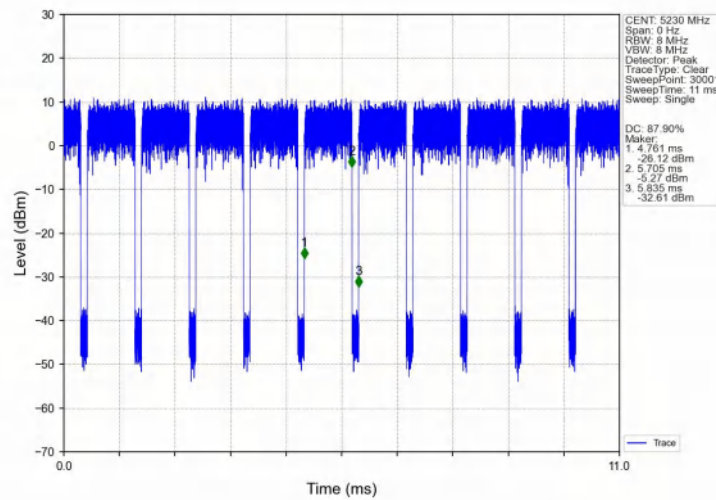
## 802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



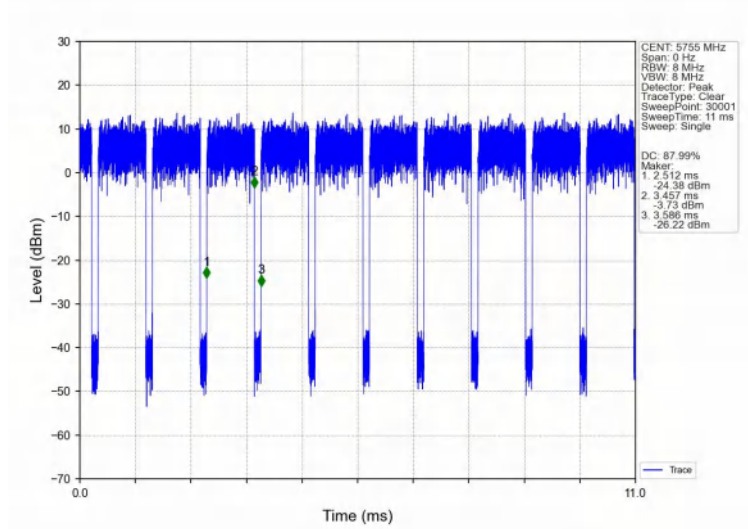
## 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



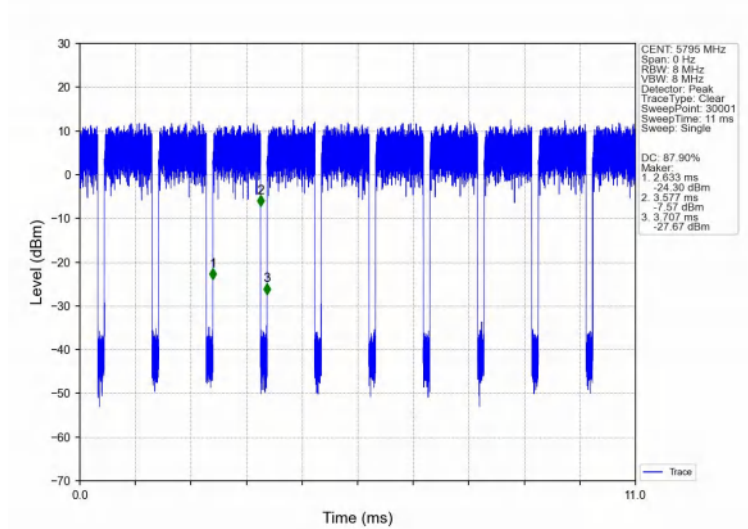
## 802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5795MHz\_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   | 16.536                       | /     | Pass    |
|                |         | 5200            | 1   | 16.540                       | /     | Pass    |
|                |         | 5240            | 1   | 16.523                       | /     | Pass    |
|                |         | 5745            | 1   | 16.550                       | /     | Pass    |
|                |         | 5785            | 1   | 16.545                       | /     | Pass    |
|                |         | 5825            | 1   | 16.518                       | /     | Pass    |
| 802.11n (HT20) | SISO    | 5180            | 1   | 17.698                       | /     | Pass    |
|                |         | 5200            | 1   | 17.658                       | /     | Pass    |
|                |         | 5240            | 1   | 17.656                       | /     | Pass    |
|                |         | 5745            | 1   | 17.664                       | /     | Pass    |
|                |         | 5785            | 1   | 17.695                       | /     | Pass    |
|                |         | 5825            | 1   | 17.676                       | /     | Pass    |
| 802.11n (HT40) | SISO    | 5190            | 1   | 35.881                       | /     | Pass    |
|                |         | 5230            | 1   | 35.846                       | /     | Pass    |
|                |         | 5755            | 1   | 35.933                       | /     | Pass    |
|                |         | 5795            | 1   | 35.857                       | /     | Pass    |

#### 2.1.2 26dB BW

| Mode           | TX Type | Frequency (MHz) | ANT | 26dB Bandwidth (MHz) |       | Verdict |
|----------------|---------|-----------------|-----|----------------------|-------|---------|
|                |         |                 |     | Result               | Limit |         |
| 802.11a        | SISO    | 5180            | 1   | 21.141               | /     | Pass    |
|                |         | 5200            | 1   | 21.231               | /     | Pass    |
|                |         | 5240            | 1   | 20.925               | /     | Pass    |
| 802.11n (HT20) | SISO    | 5180            | 1   | 22.092               | /     | Pass    |
|                |         | 5200            | 1   | 21.642               | /     | Pass    |
|                |         | 5240            | 1   | 21.648               | /     | Pass    |
| 802.11n (HT40) | SISO    | 5190            | 1   | 39.272               | /     | Pass    |
|                |         | 5230            | 1   | 39.376               | /     | Pass    |

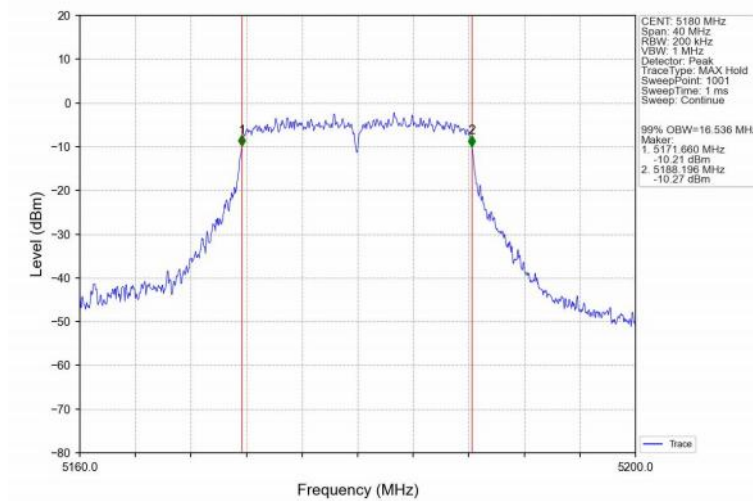
#### 2.1.3 6dB BW

| Mode           | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|----------------|---------|-----------------|-----|---------------------|------------|---------|
|                |         |                 |     | Result              | Limit      |         |
| 802.11a        | SISO    | 5745            | 1   | 16.337              | $\geq 0.5$ | Pass    |
|                |         | 5785            | 1   | 16.340              | $\geq 0.5$ | Pass    |
|                |         | 5825            | 1   | 16.341              | $\geq 0.5$ | Pass    |
| 802.11n (HT20) | SISO    | 5745            | 1   | 17.524              | $\geq 0.5$ | Pass    |
|                |         | 5785            | 1   | 17.564              | $\geq 0.5$ | Pass    |
|                |         | 5825            | 1   | 17.515              | $\geq 0.5$ | Pass    |
| 802.11n (HT40) | SISO    | 5755            | 1   | 35.126              | $\geq 0.5$ | Pass    |
|                |         | 5795            | 1   | 35.182              | $\geq 0.5$ | Pass    |

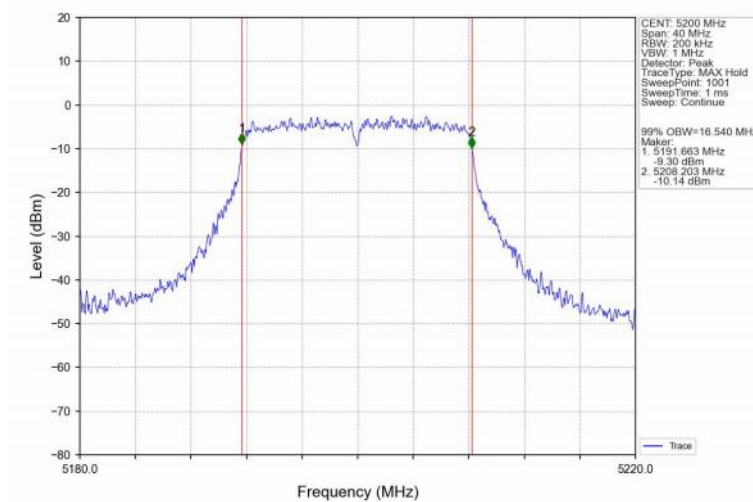
## 2.2 Test Graph

### 2.2.1 OBW

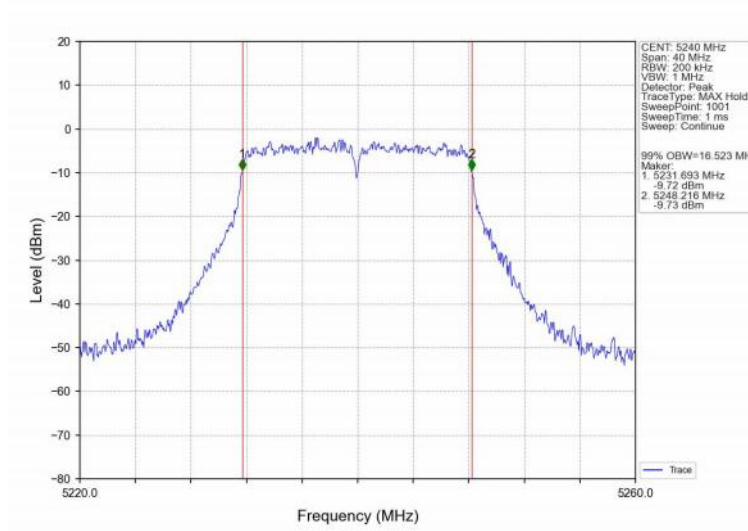
802.11a\_LCH\_5180MHz\_Ant1\_NTNV



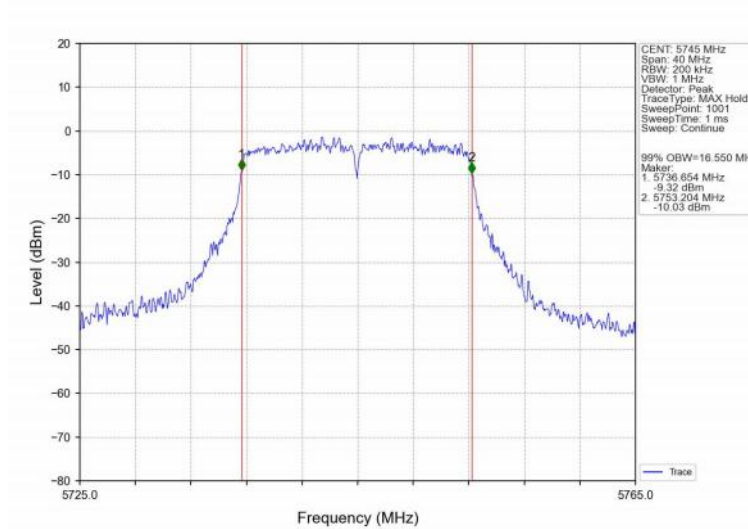
802.11a\_MCH\_5200MHz\_Ant1\_NTNV



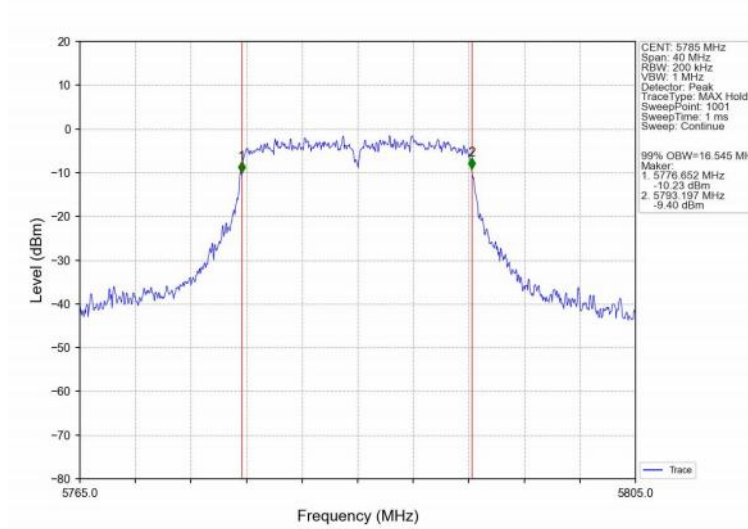
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



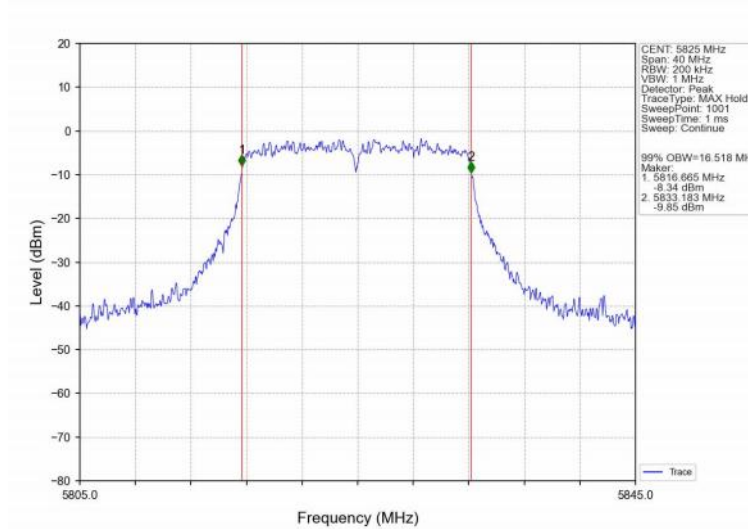
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



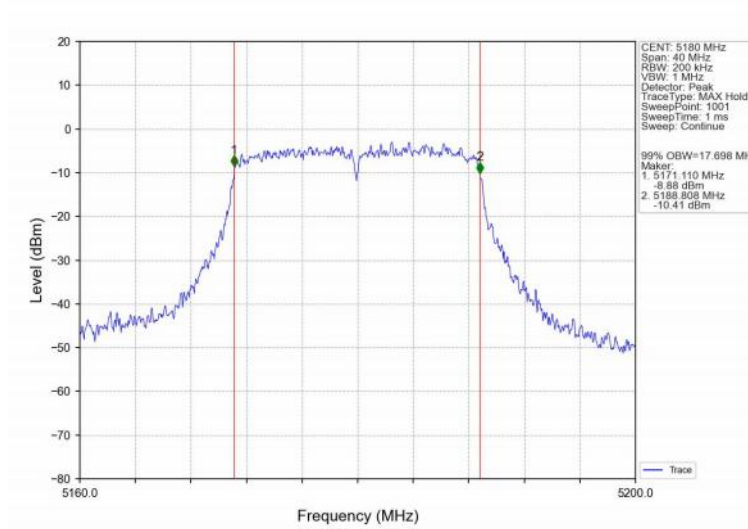
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



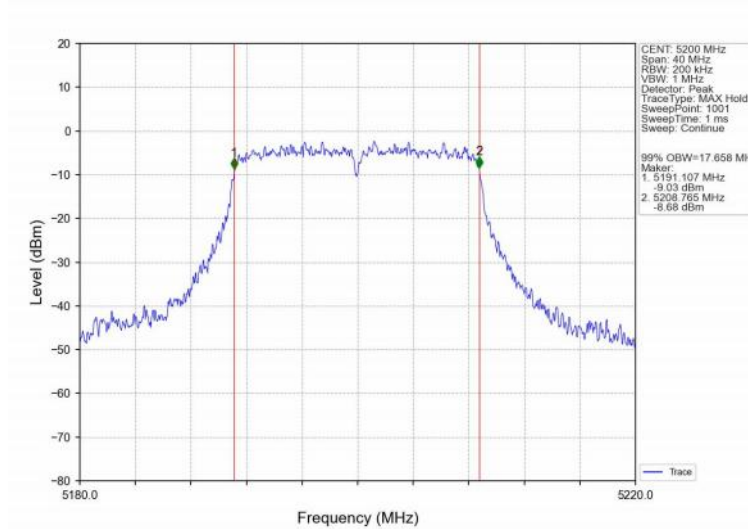
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



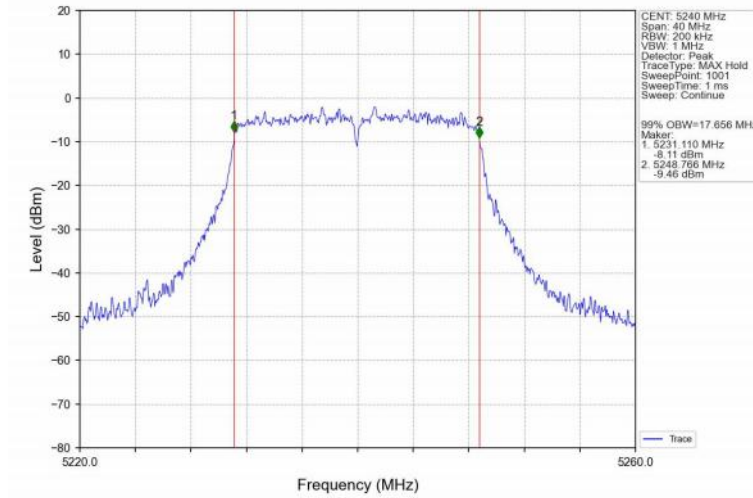
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



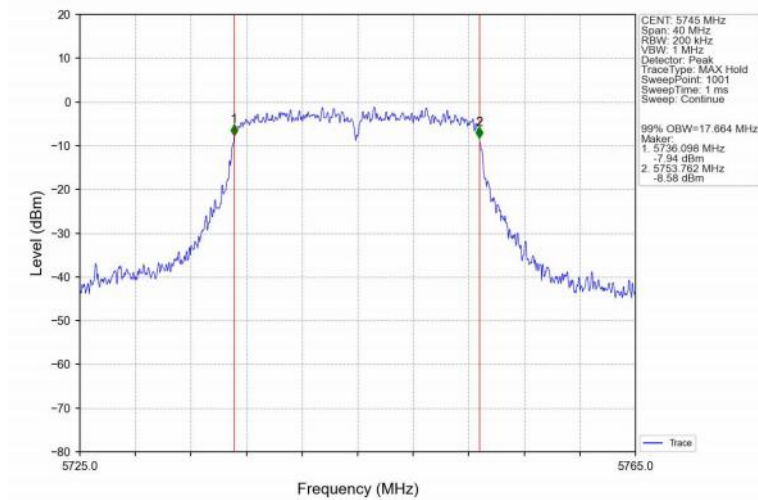
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



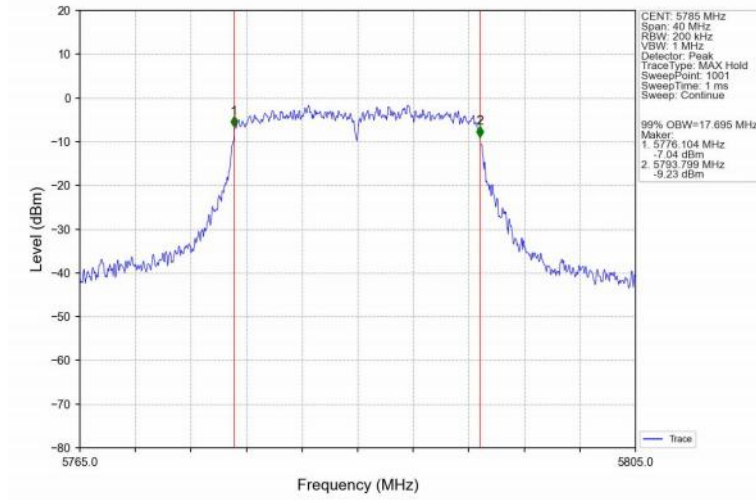
## 802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



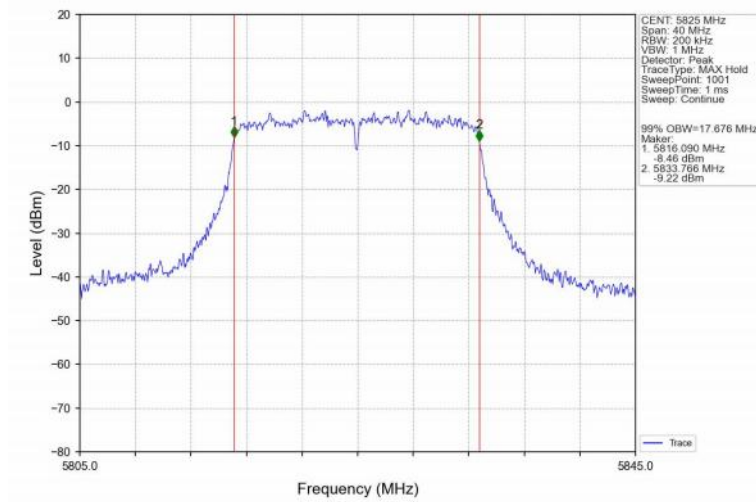
## 802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



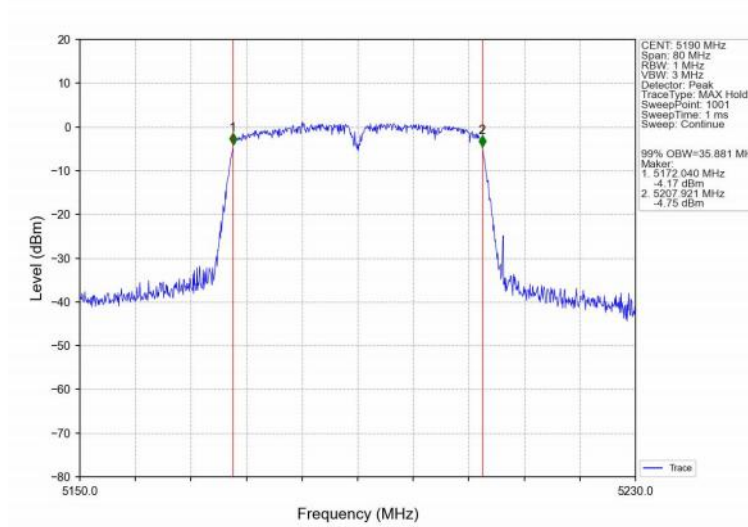
## 802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



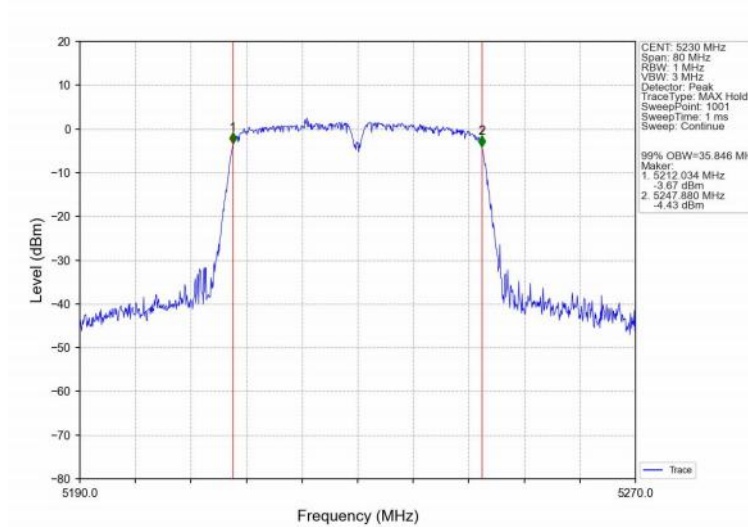
## 802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



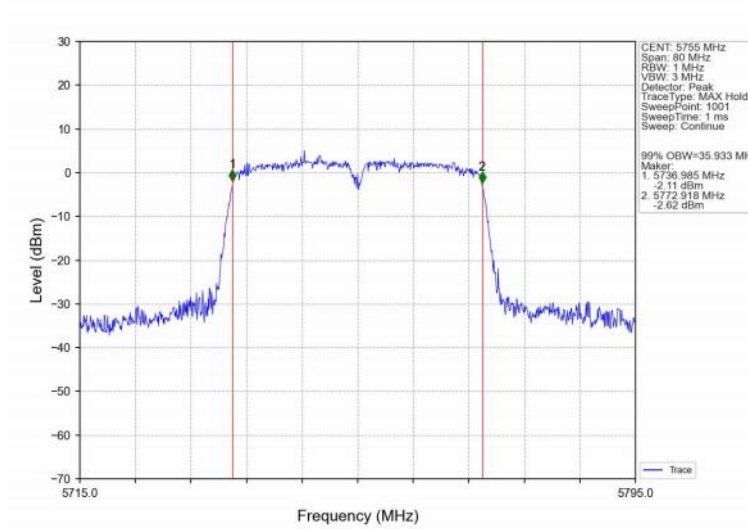
## 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



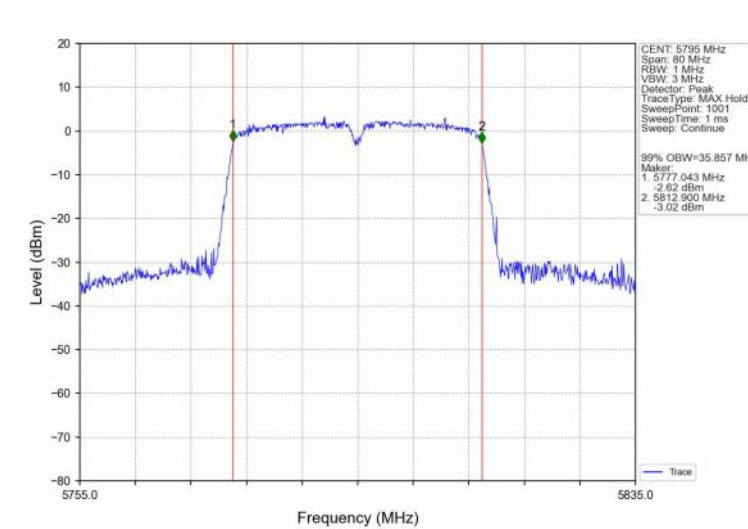
## 802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV

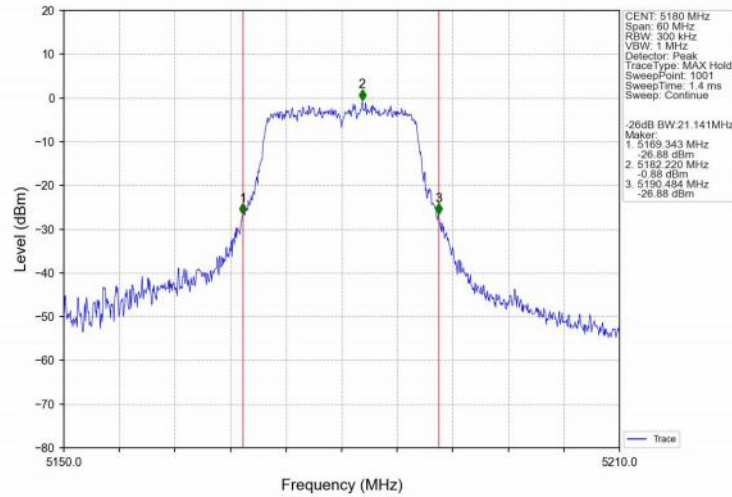


802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV

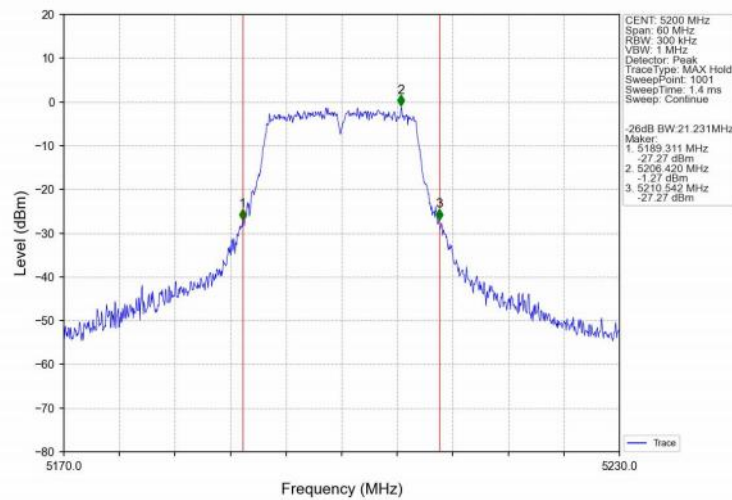


## 2.2.2 26dB BW

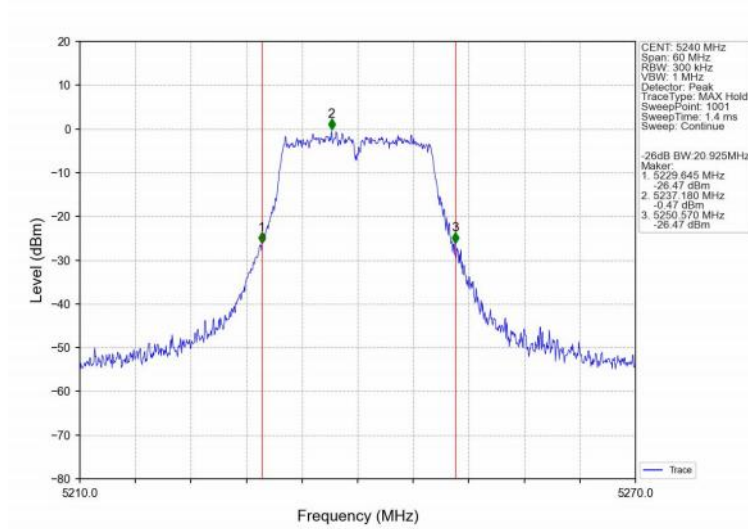
802.11a\_LCH\_5180MHz\_Ant1\_NTNV



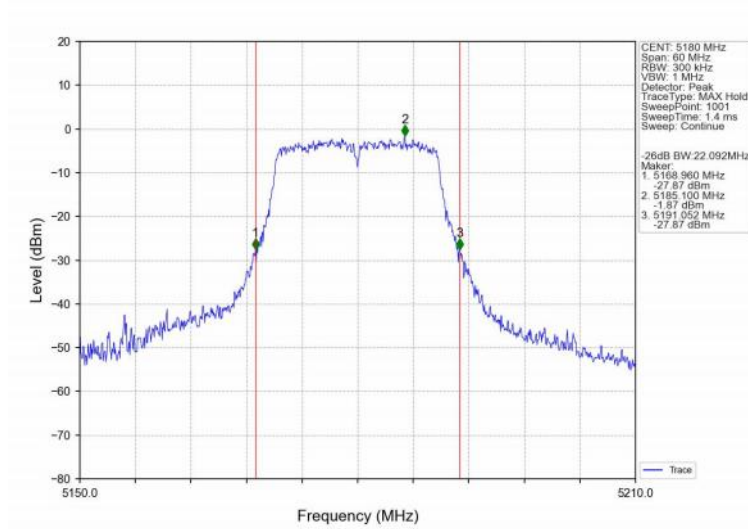
802.11a\_MCH\_5200MHz\_Ant1\_NTNV



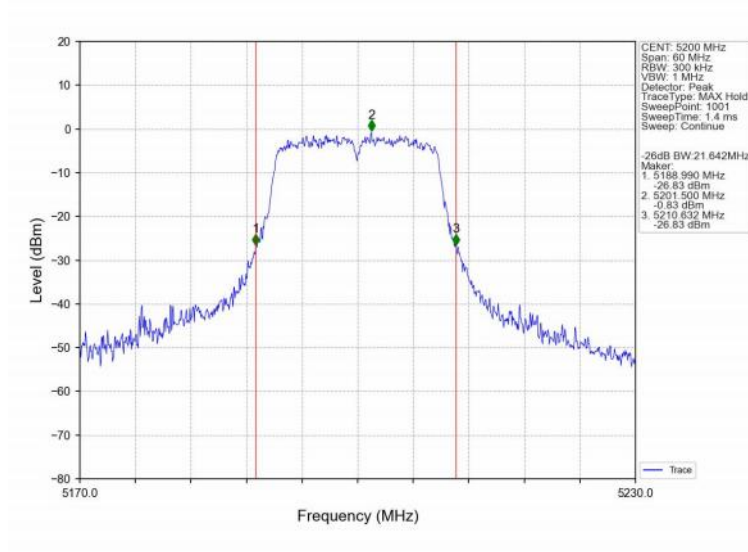
## 802.11a\_HCH\_5240MHz\_Ant1\_NTNV



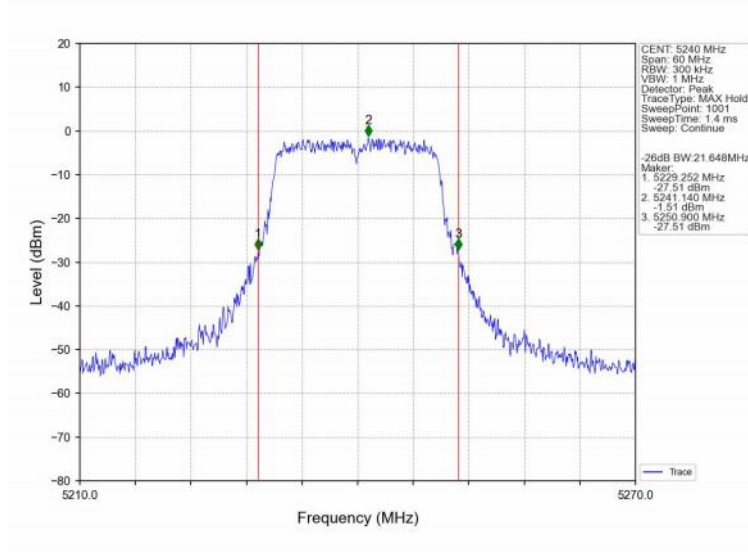
## 802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



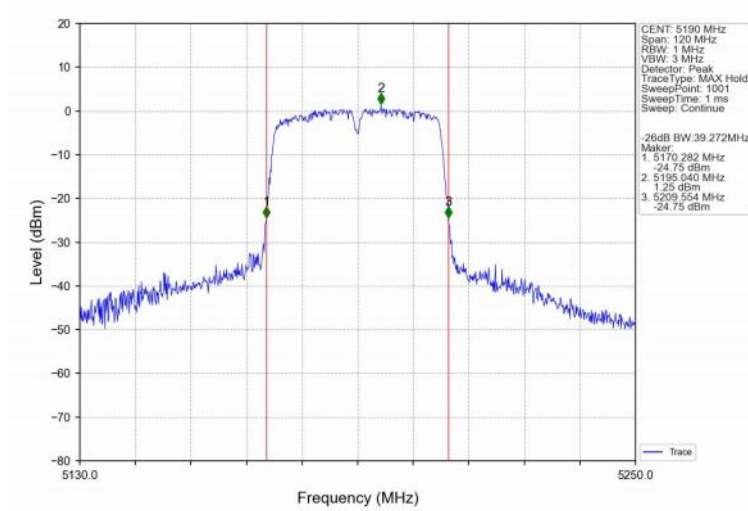
## 802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



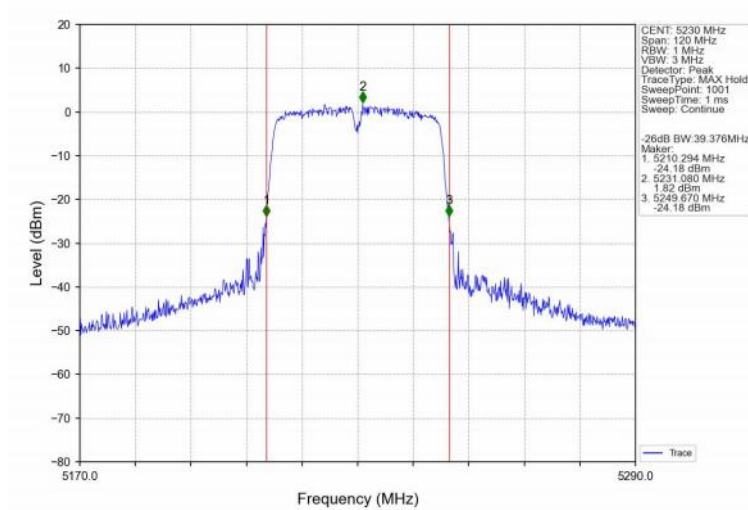
## 802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



## 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV

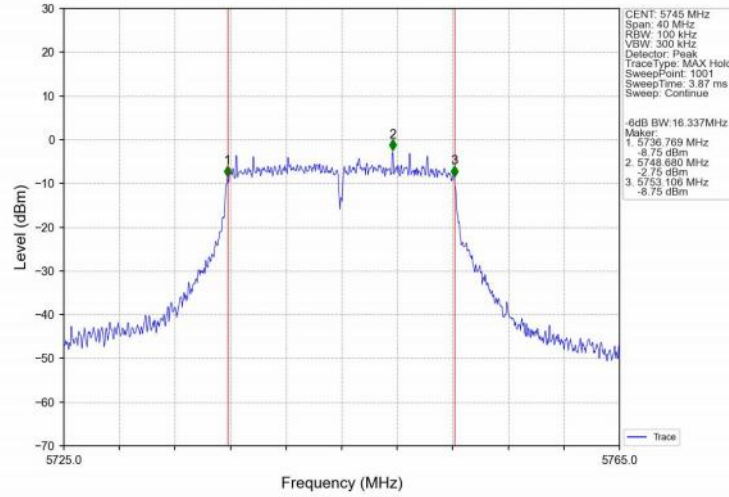


## 802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV

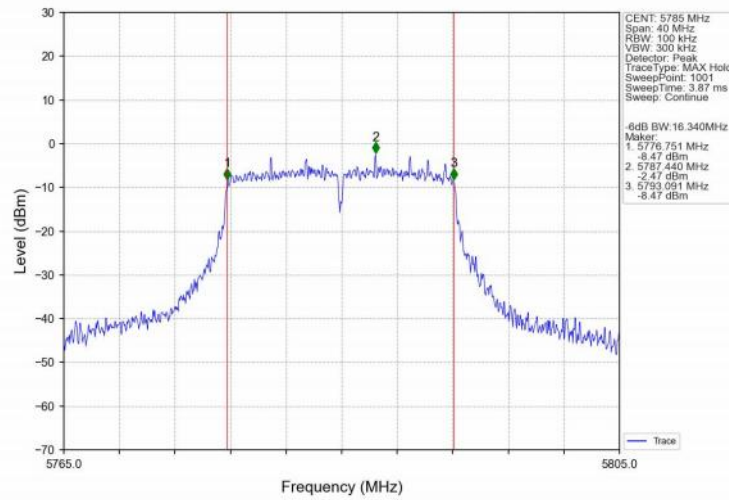


### 2.2.3 6dB BW

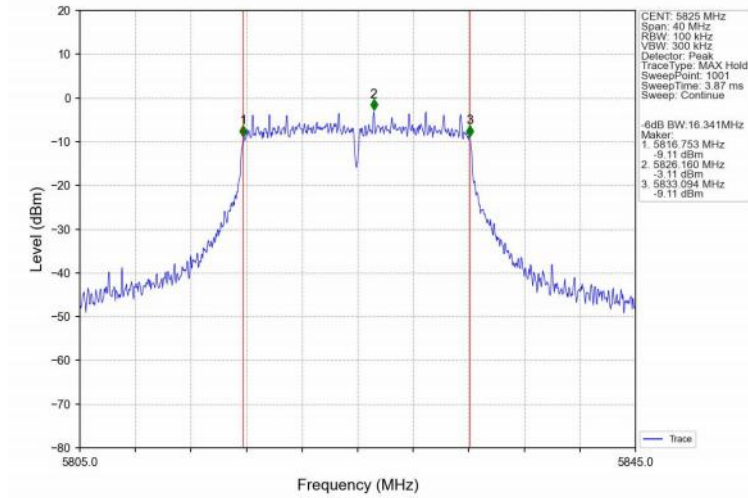
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



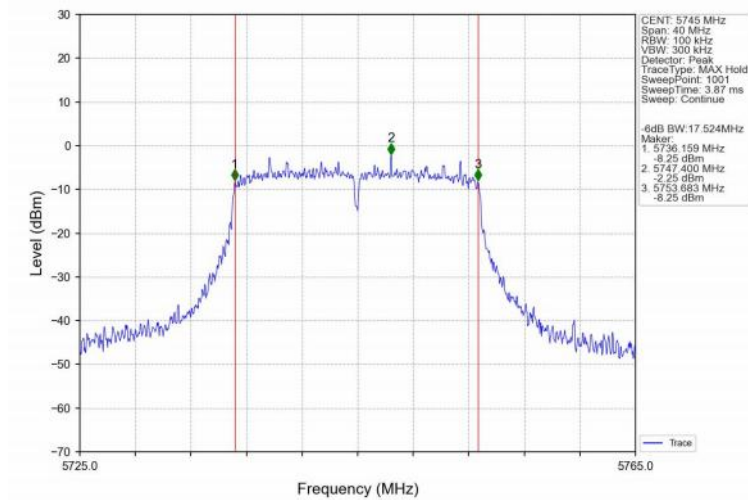
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



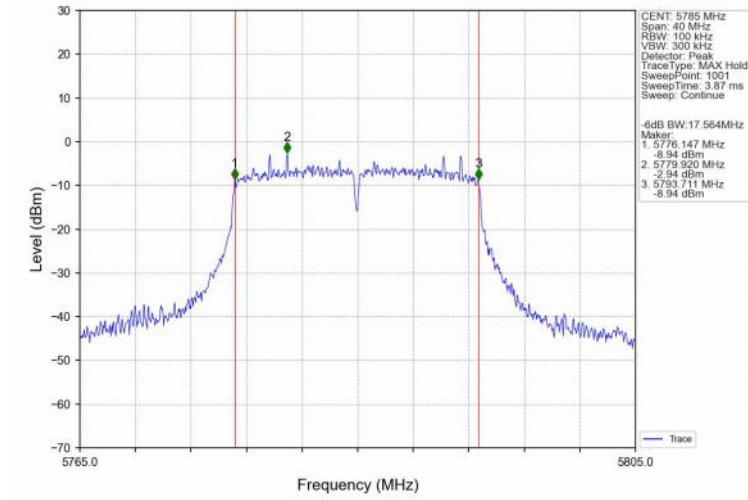
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



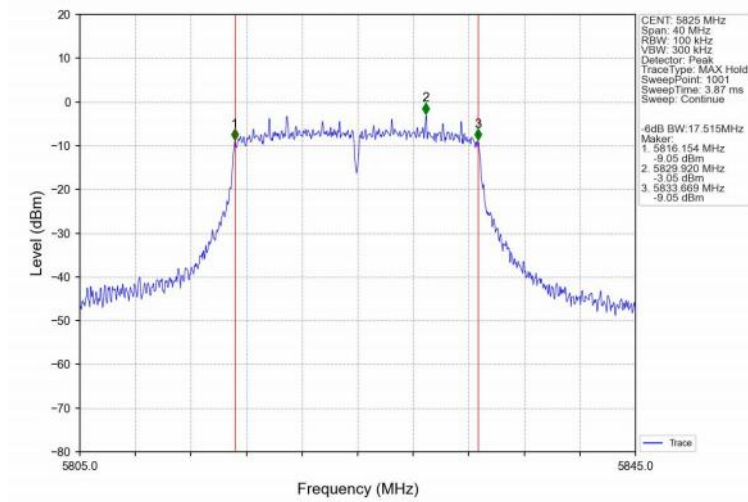
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



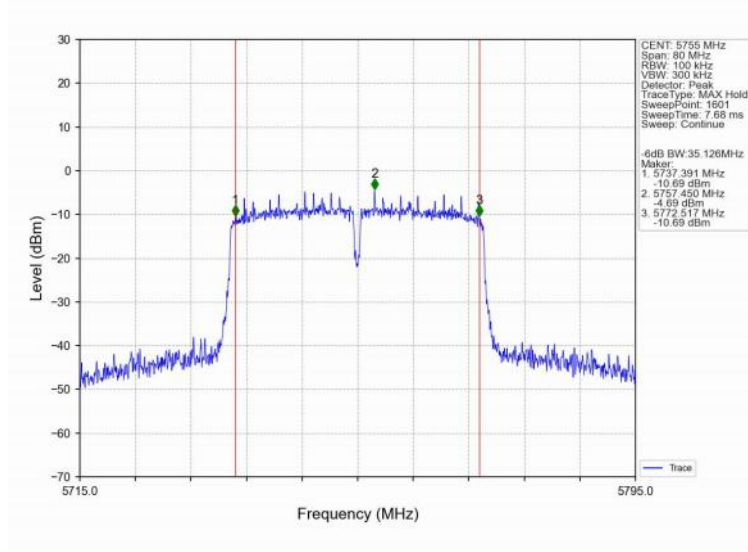
## 802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



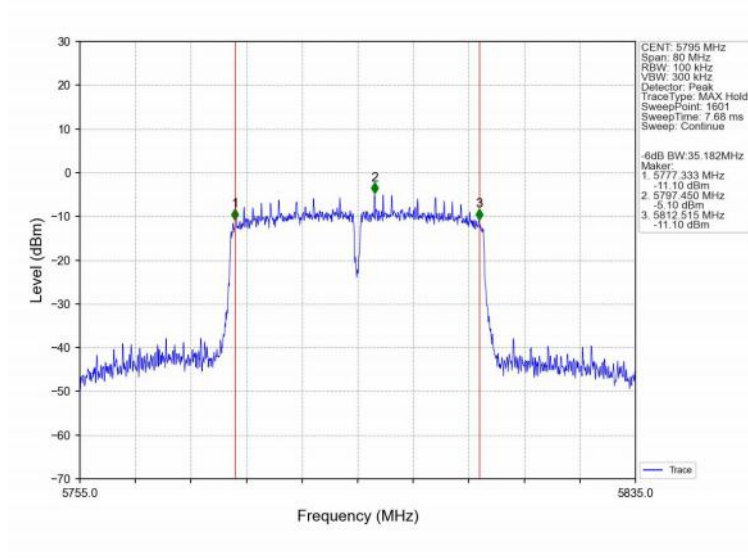
## 802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



### 3. Maximum Conducted Output Power

#### 3.1 Test Result

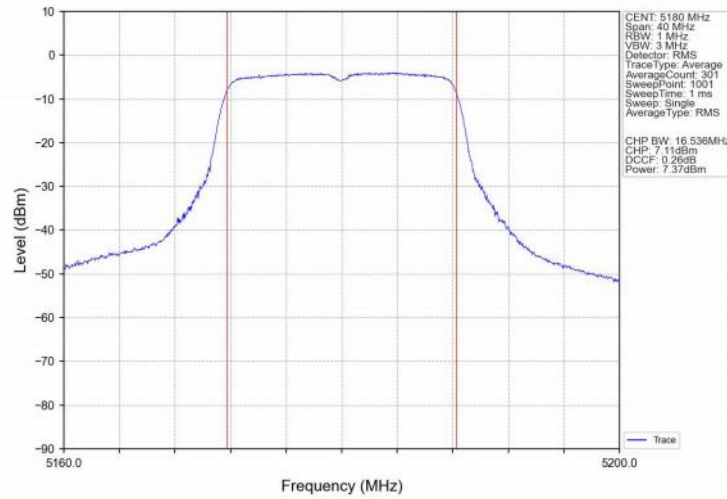
##### 3.1.1 Power

| Mode                                                                                                                                    | TX Type | Frequency (MHz) | Maximum Average Conducted Output Power (dBm) |         | Verdict |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|----------------------------------------------|---------|---------|
|                                                                                                                                         |         |                 | ANT1                                         | Limit   |         |
| 802.11a                                                                                                                                 | SISO    | 5180            | 7.37                                         | <=23.98 | Pass    |
|                                                                                                                                         |         | 5200            | 7.73                                         | <=23.98 | Pass    |
|                                                                                                                                         |         | 5240            | 7.77                                         | <=23.98 | Pass    |
|                                                                                                                                         |         | 5745            | 8.60                                         | <=30    | Pass    |
|                                                                                                                                         |         | 5785            | 8.55                                         | <=30    | Pass    |
|                                                                                                                                         |         | 5825            | 8.25                                         | <=30    | Pass    |
| 802.11n (HT20)                                                                                                                          | SISO    | 5180            | 7.12                                         | <=23.98 | Pass    |
|                                                                                                                                         |         | 5200            | 7.76                                         | <=23.98 | Pass    |
|                                                                                                                                         |         | 5240            | 7.94                                         | <=23.98 | Pass    |
|                                                                                                                                         |         | 5745            | 9.00                                         | <=30    | Pass    |
|                                                                                                                                         |         | 5785            | 8.63                                         | <=30    | Pass    |
|                                                                                                                                         |         | 5825            | 8.34                                         | <=30    | Pass    |
| 802.11n (HT40)                                                                                                                          | SISO    | 5190            | 7.12                                         | <=23.98 | Pass    |
|                                                                                                                                         |         | 5230            | 7.93                                         | <=23.98 | Pass    |
|                                                                                                                                         |         | 5755            | 9.12                                         | <=30    | Pass    |
|                                                                                                                                         |         | 5795            | 8.68                                         | <=30    | Pass    |
| Note1: Antenna Gain:<br>- Band: 1 Ant1: 2.75dBi;<br>- Band: 3 Ant1: 2.00dBi;<br>Note2: The maximum conducted output power includes DCF. |         |                 |                                              |         |         |

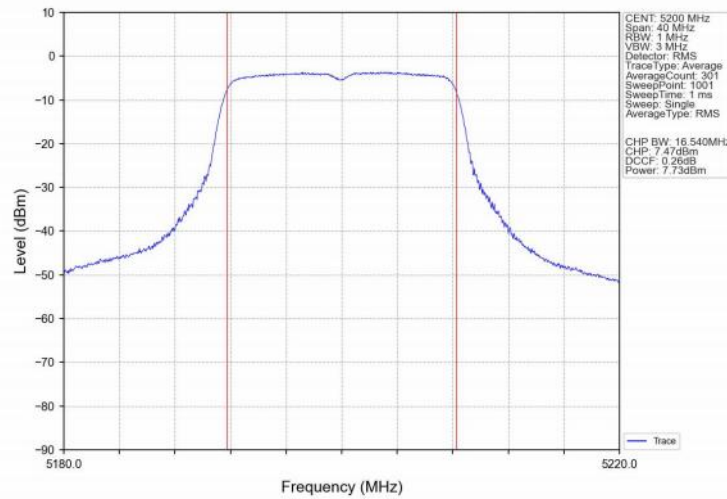
## 3.2 Test Graph

### 3.2.1 Power

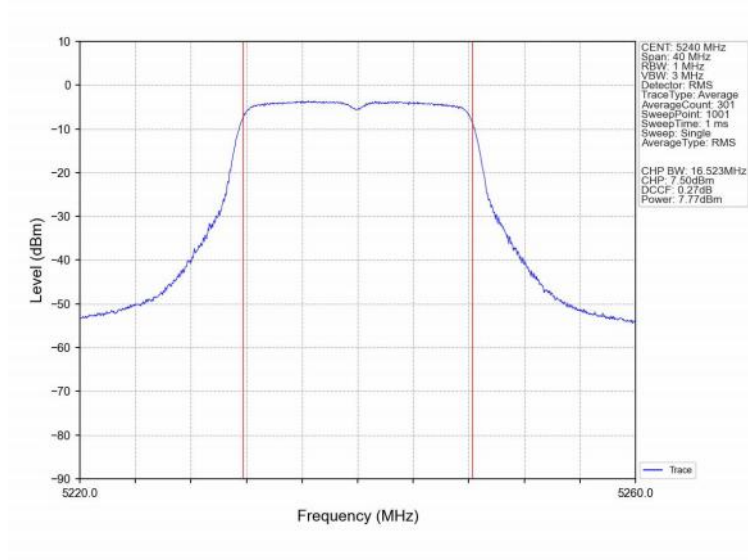
802.11a\_LCH\_5180MHz\_Ant1\_NTNV



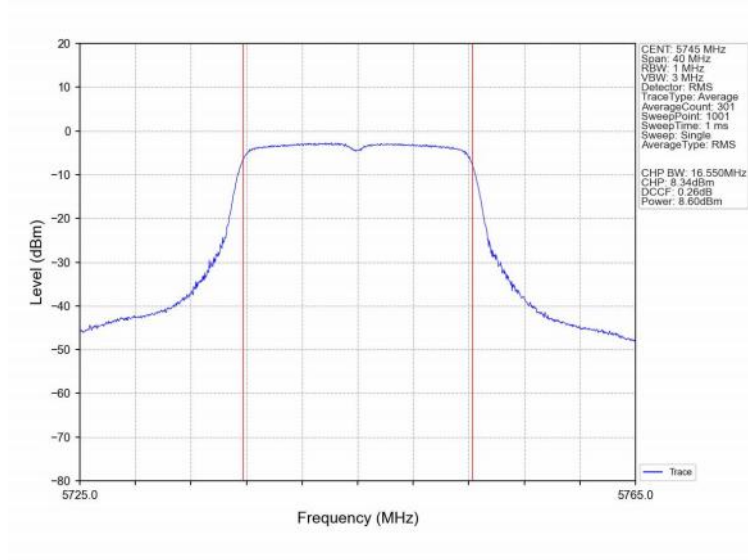
802.11a\_MCH\_5200MHz\_Ant1\_NTNV



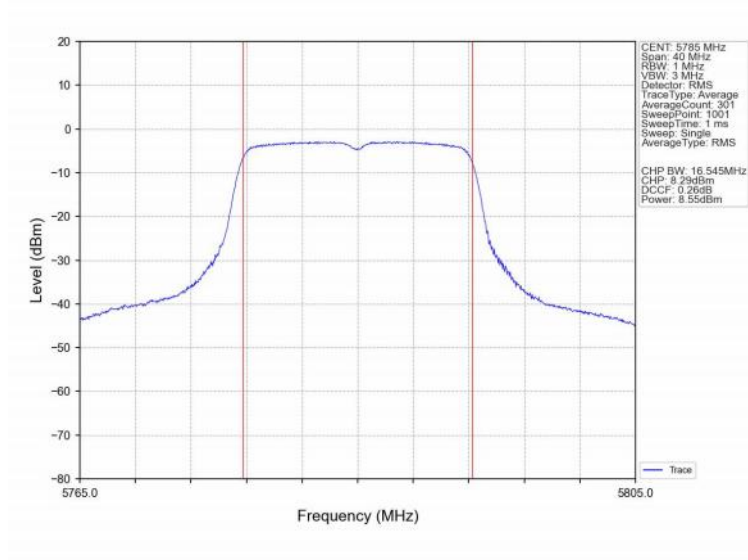
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



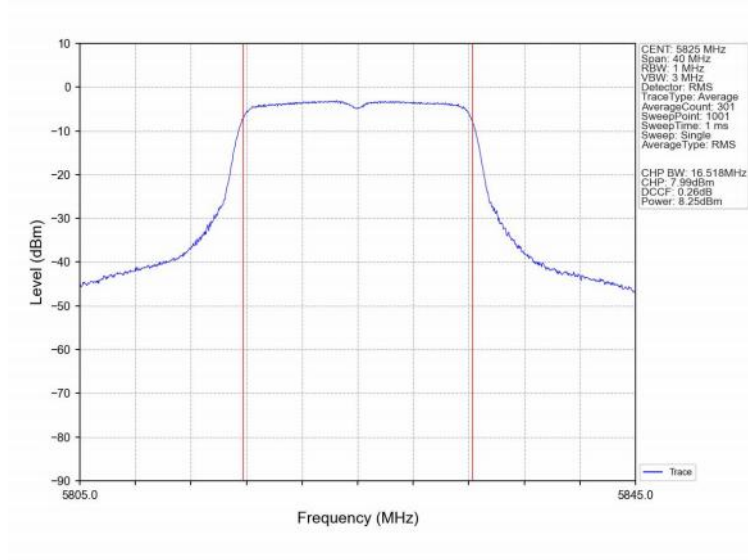
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



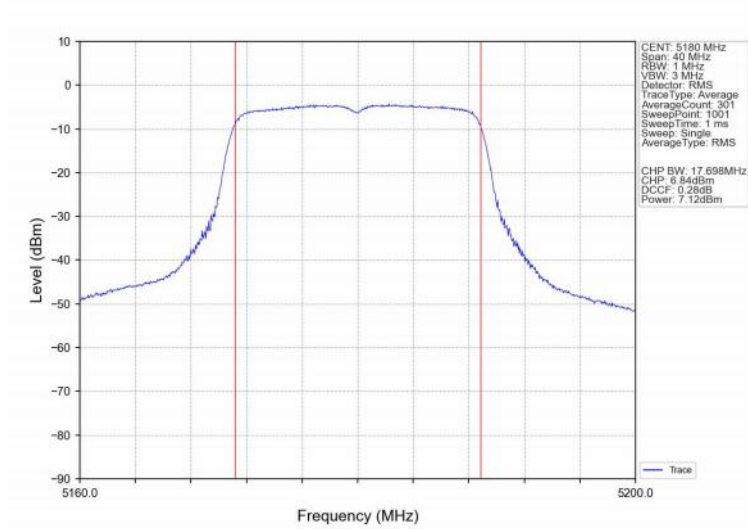
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



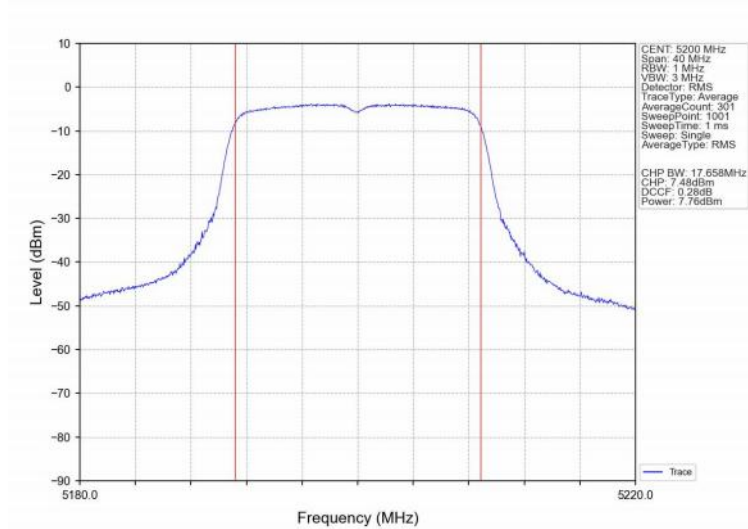
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



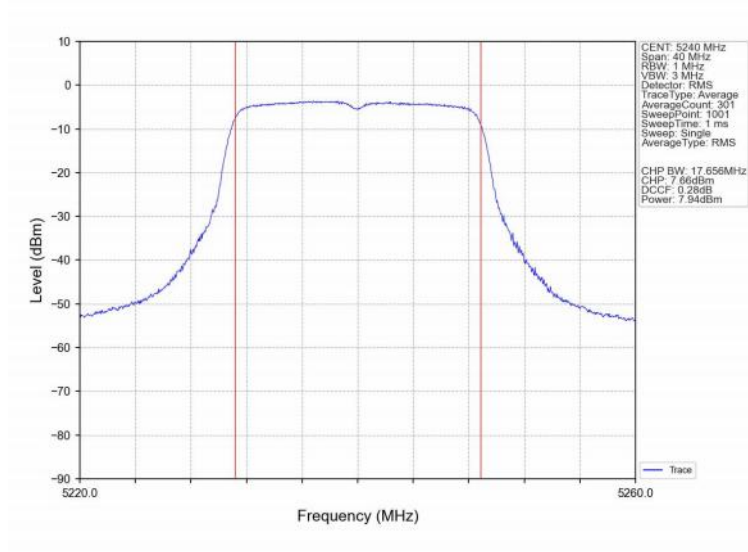
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



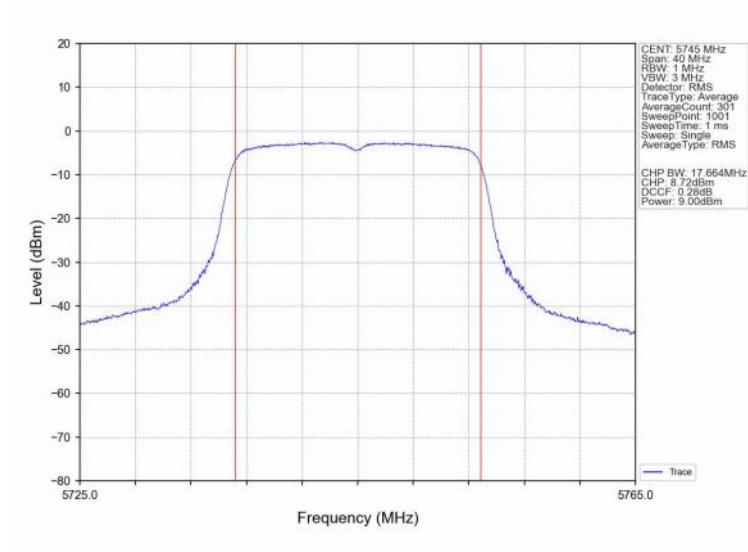
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



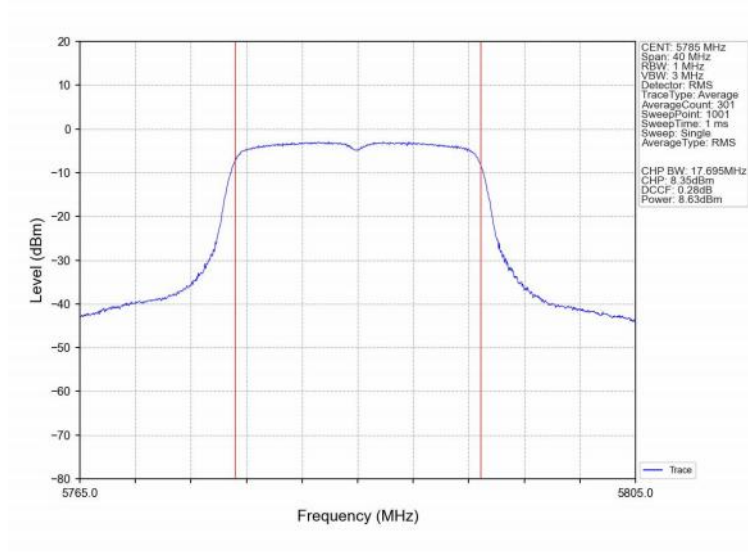
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



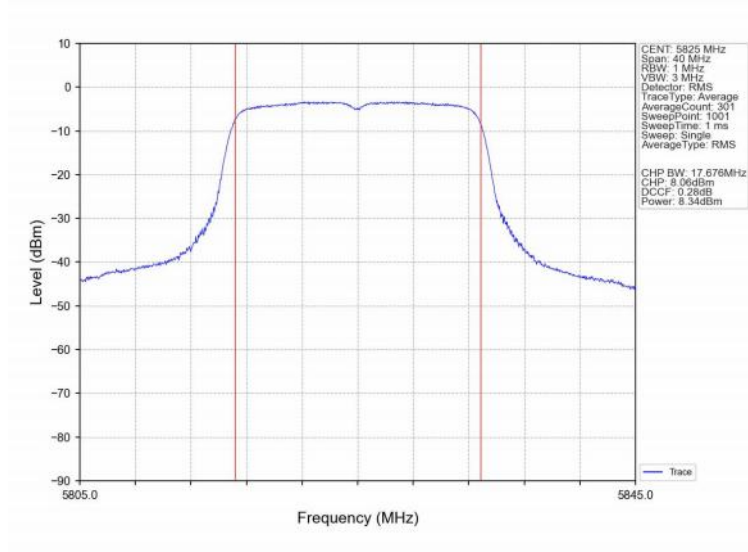
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



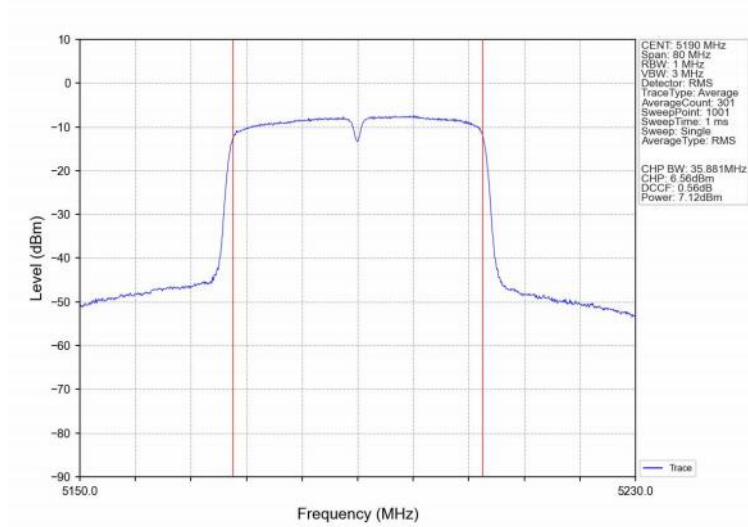
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



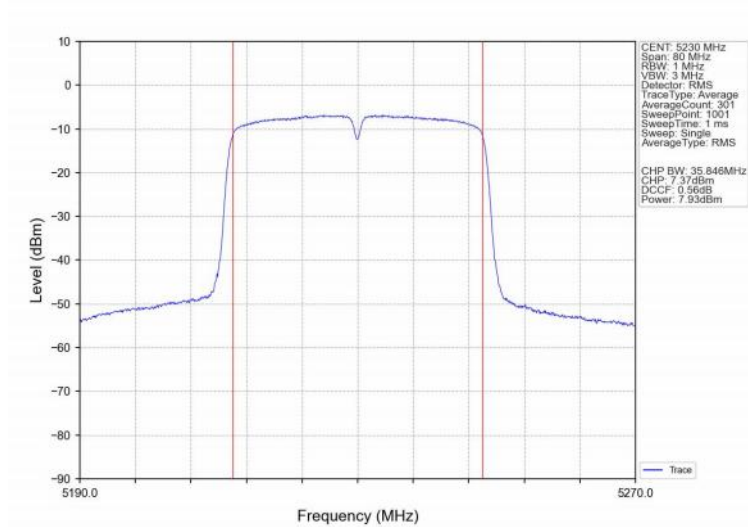
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



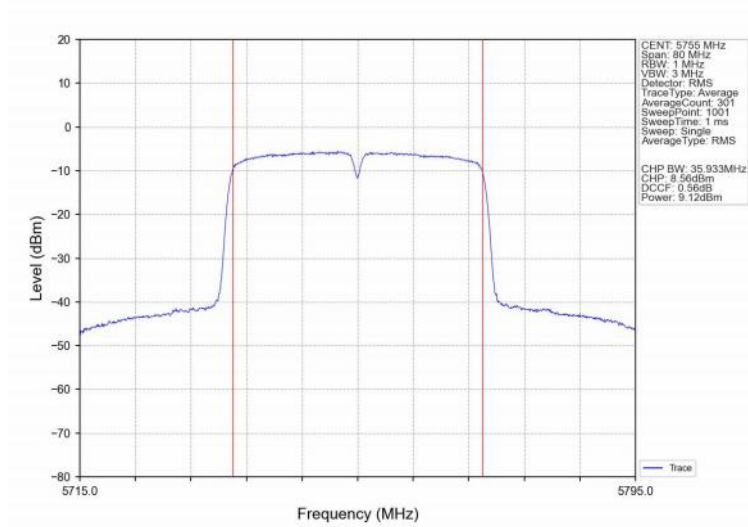
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



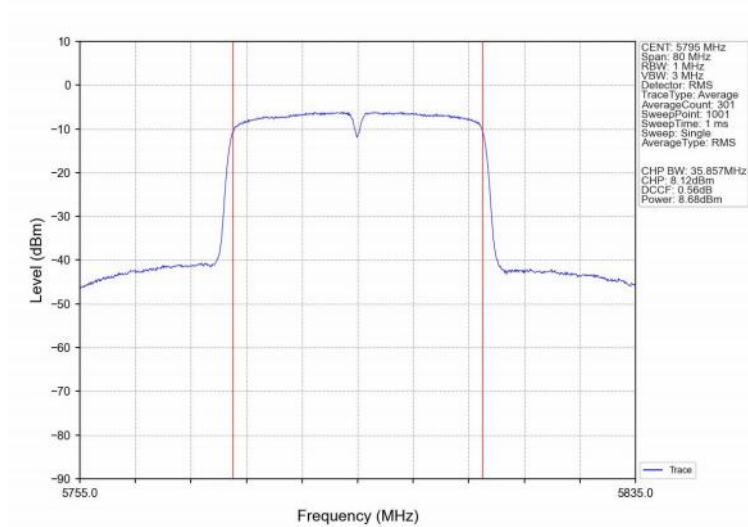
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5795MHz\_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            | -3.73                 | <=11  | Pass    |
|                |         | 5200            | -3.41                 | <=11  | Pass    |
|                |         | 5240            | -3.25                 | <=11  | Pass    |
| 802.11n (HT20) | SISO    | 5180            | -4.12                 | <=11  | Pass    |
|                |         | 5200            | -3.56                 | <=11  | Pass    |
|                |         | 5240            | -3.40                 | <=11  | Pass    |
| 802.11n (HT40) | SISO    | 5190            | -7.17                 | <=11  | Pass    |
|                |         | 5230            | -6.15                 | <=11  | Pass    |

Note1: Antenna Gain:  
- Band: 1 Ant1: 2.75dBi;  
- Band: 3 Ant1: 2.00dBi;  
Note2: The maximum power spectral density includes DCF.

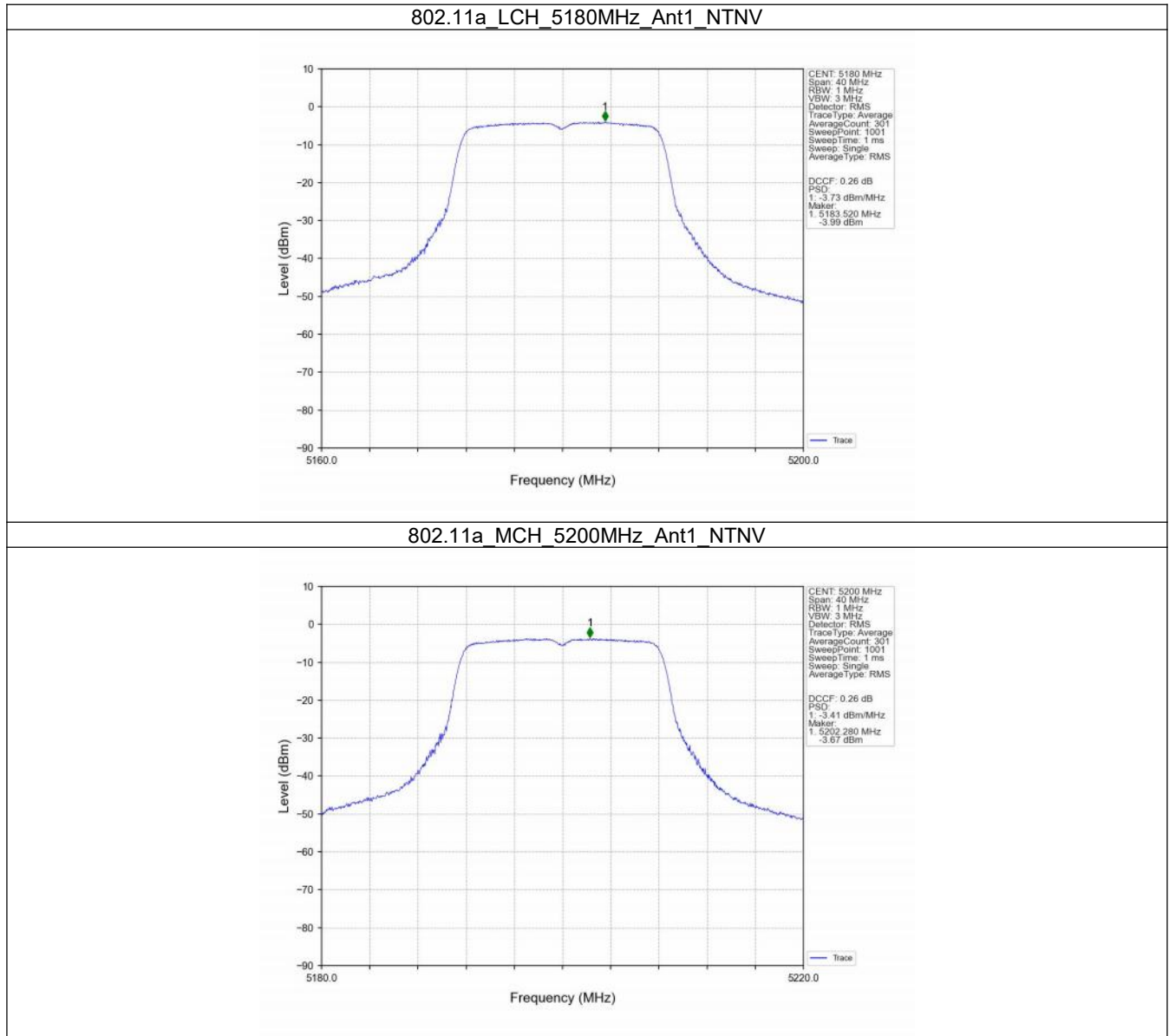
#### 4.1.2 PSD-Band3

| Mode           | TX Type | Frequency (MHz) | Maximum PSD (dBm/500kHz) |       | Verdict |
|----------------|---------|-----------------|--------------------------|-------|---------|
|                |         |                 | ANT1                     | Limit |         |
| 802.11a        | SISO    | 5745            | -5.45                    | <=30  | Pass    |
|                |         | 5785            | -5.31                    | <=30  | Pass    |
|                |         | 5825            | -5.84                    | <=30  | Pass    |
| 802.11n (HT20) | SISO    | 5745            | -5.18                    | <=30  | Pass    |
|                |         | 5785            | -5.46                    | <=30  | Pass    |
|                |         | 5825            | -5.86                    | <=30  | Pass    |
| 802.11n (HT40) | SISO    | 5755            | -7.93                    | <=30  | Pass    |
|                |         | 5795            | -8.31                    | <=30  | Pass    |

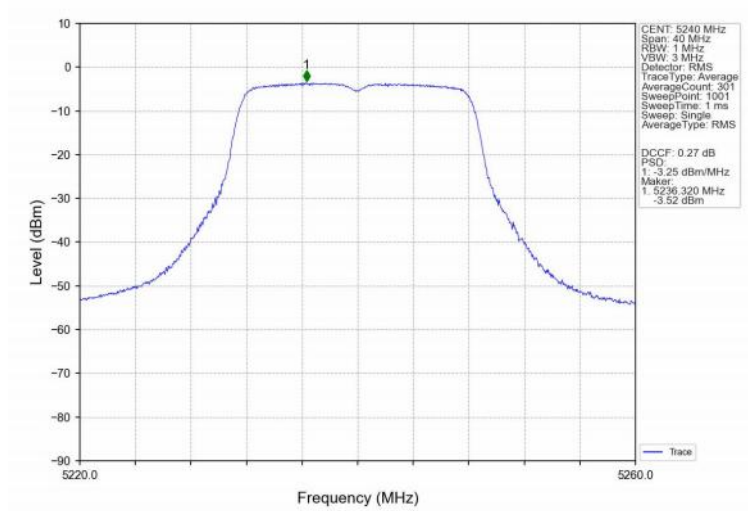
Note1: Antenna Gain:  
- Band: 1 Ant1: 1.93dBi;  
- Band: 3 Ant1: 1.93dBi;  
Note2: The maximum power spectral density includes DCF.

## 4.2 Test Graph

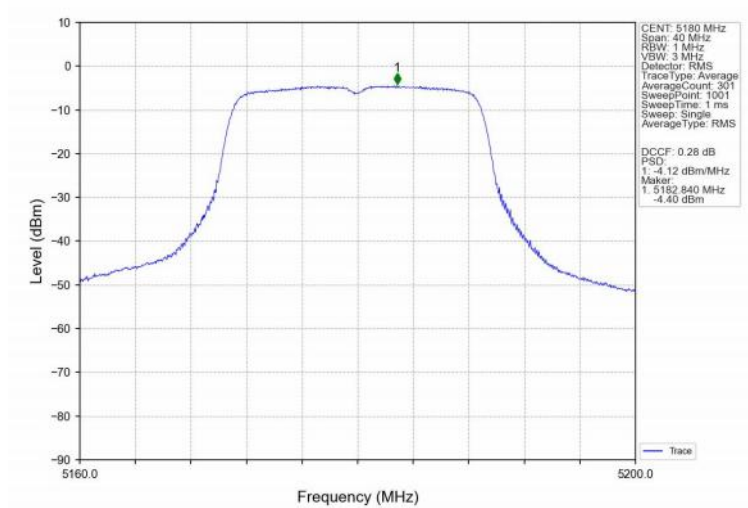
### 4.2.1 PSD



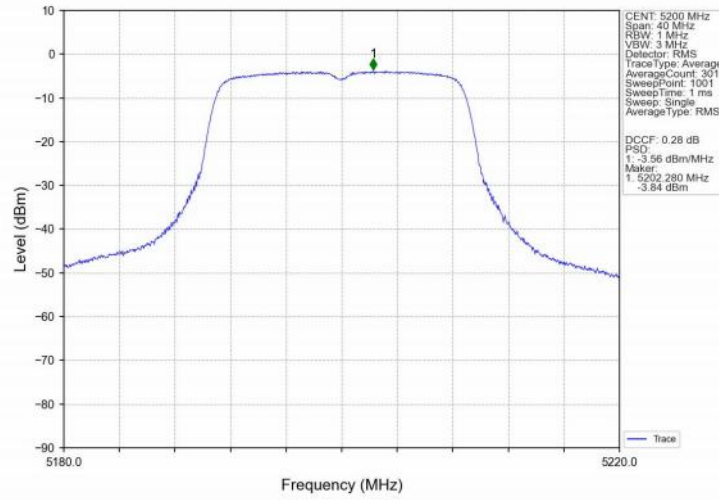
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



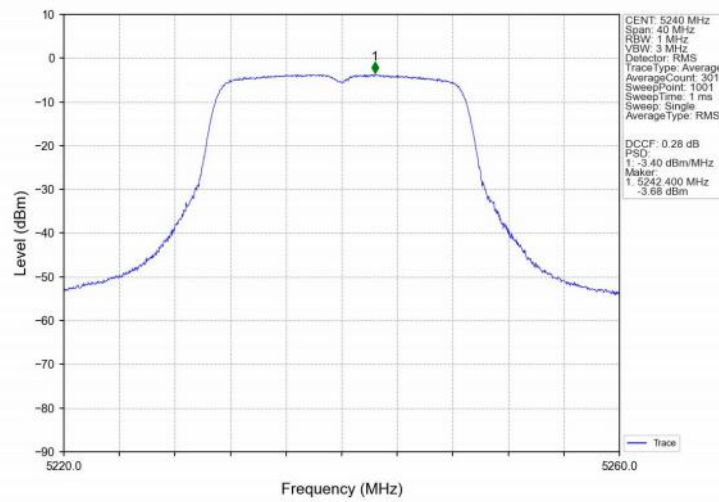
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



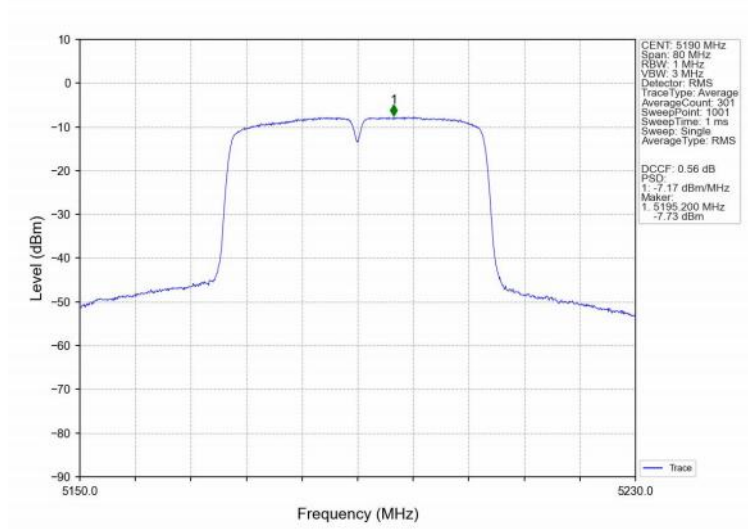
## 802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



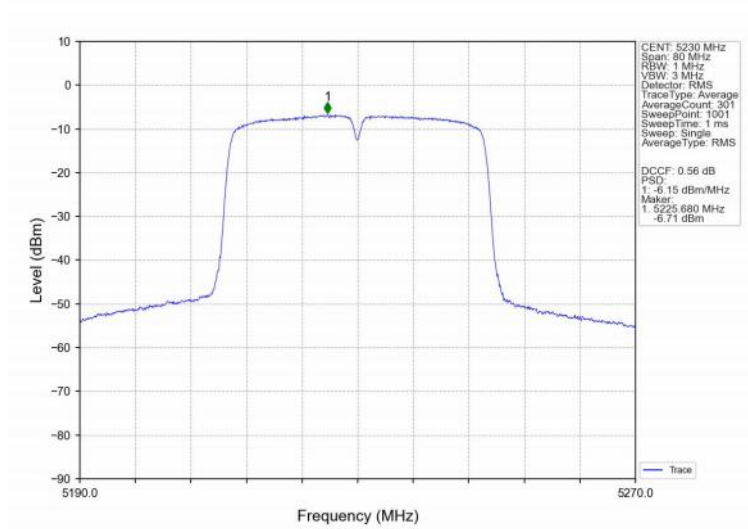
## 802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV

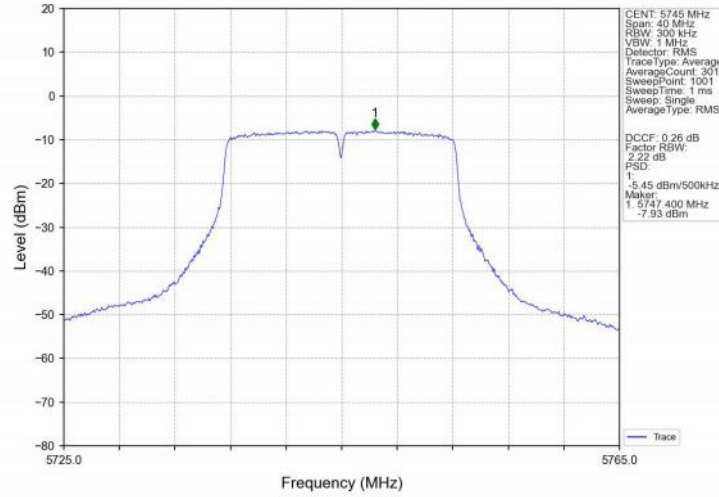


802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV

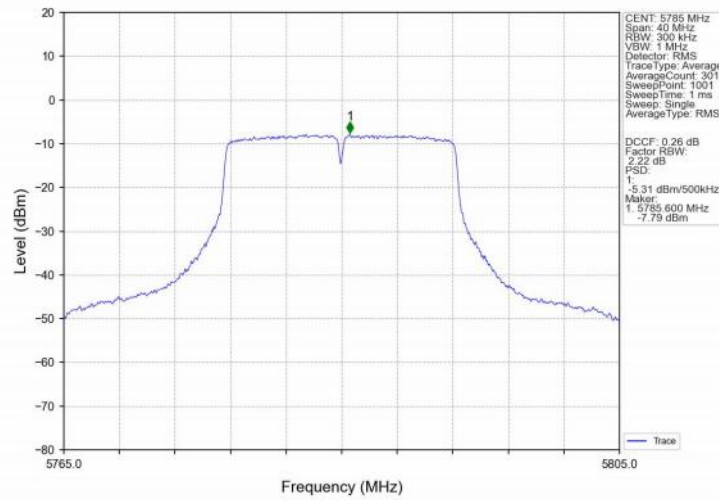


### 4.2.2 PSD-Band3

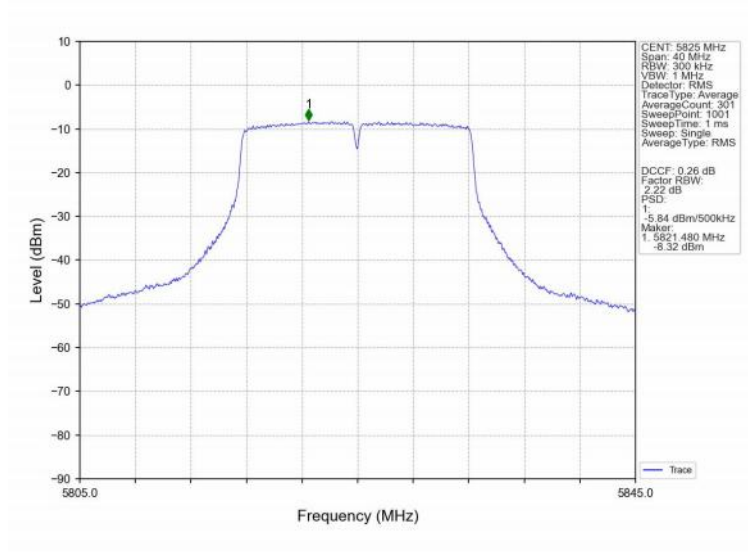
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



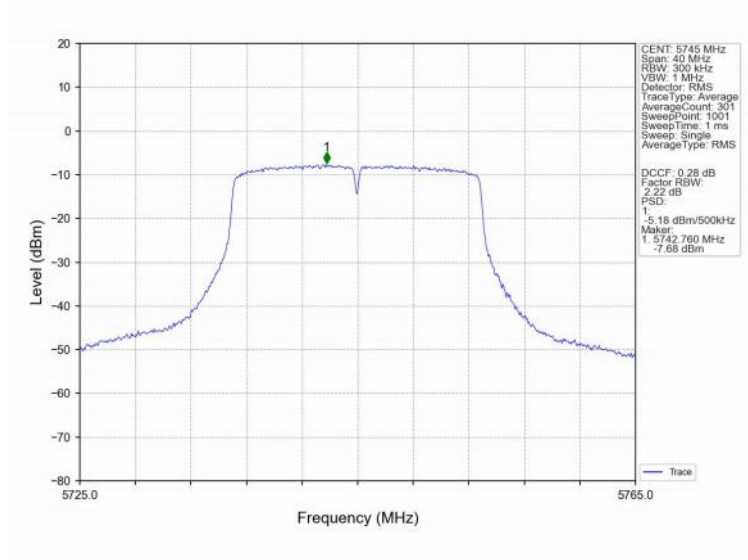
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



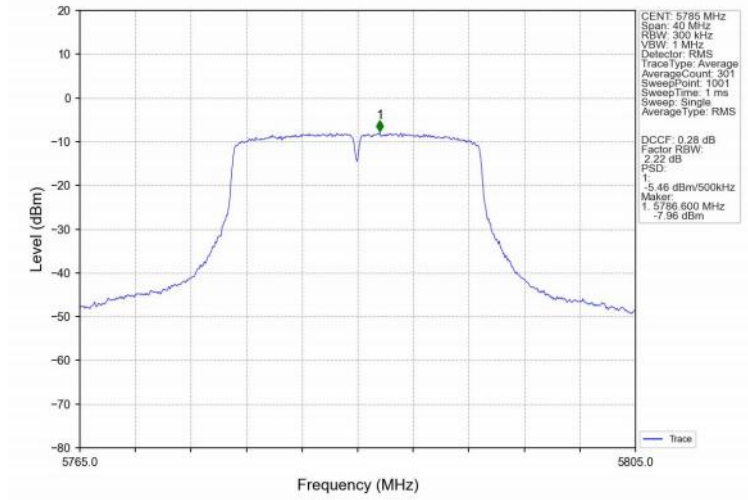
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



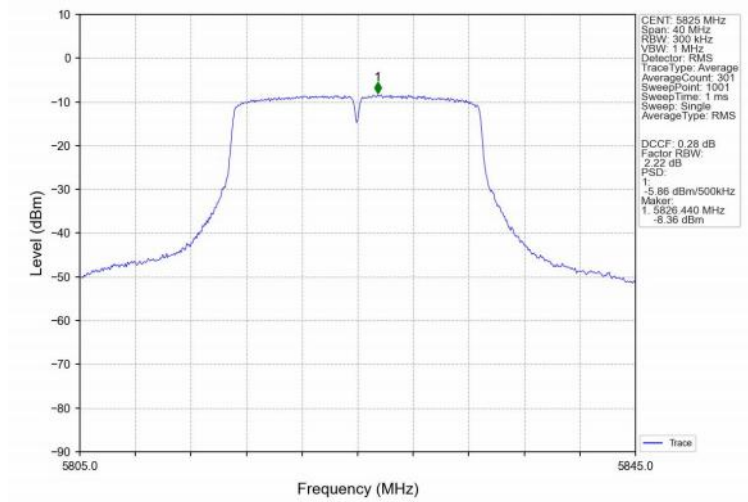
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



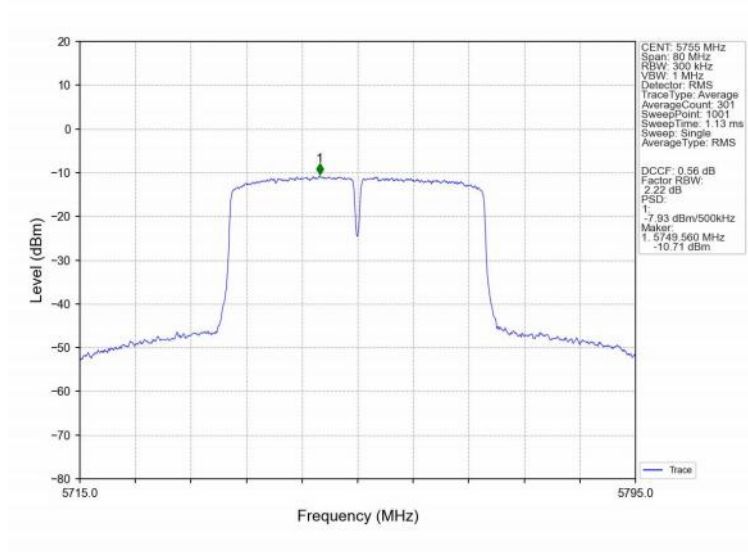
## 802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



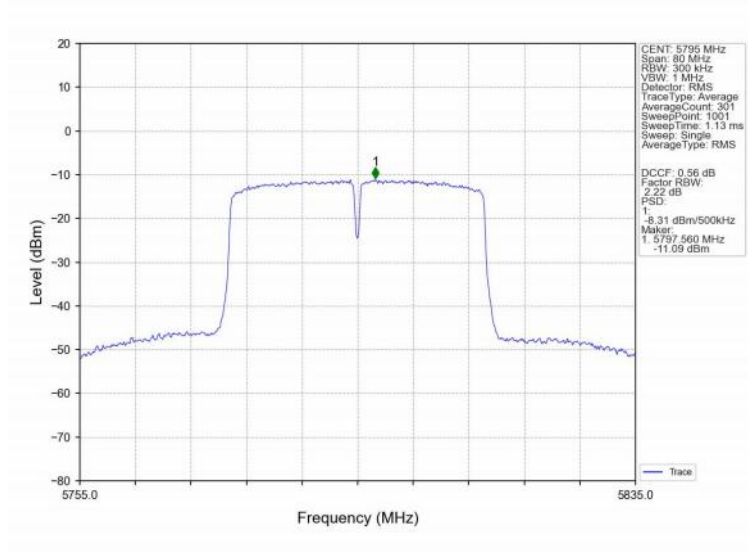
## 802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



## 802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



## 802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



## 5. Frequency Stability

### 5.1 Test Result

#### 5.1.1 Ant1

| Mode         | TX Type | Frequency (MHz) | Temperature (°C) | Ant1    |                          | Limit (MHz)  | Verdict |
|--------------|---------|-----------------|------------------|---------|--------------------------|--------------|---------|
|              |         |                 |                  | Voltage | Measured Frequency (MHz) |              |         |
| Carrier Wave | SISO    | 5180            | 20               | LV      | 5179.939                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | NV      | 5179.947                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | HV      | 5179.957                 | 5150 to 5250 | Pass    |
|              |         |                 | -30              | NV      | 5179.967                 | 5150 to 5250 | Pass    |
|              |         |                 | -20              | NV      | 5179.978                 | 5150 to 5250 | Pass    |
|              |         |                 | -10              | NV      | 5179.989                 | 5150 to 5250 | Pass    |
|              |         |                 | 0                | NV      | 5179.999                 | 5150 to 5250 | Pass    |
|              |         |                 | 10               | NV      | 5180.008                 | 5150 to 5250 | Pass    |
|              |         |                 | 30               | NV      | 5180.018                 | 5150 to 5250 | Pass    |
|              |         |                 | 40               | NV      | 5180.026                 | 5150 to 5250 | Pass    |
|              |         |                 | 50               | NV      | 5180.034                 | 5150 to 5250 | Pass    |
|              |         | 5200            | 20               | LV      | 5200.023                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | NV      | 5200.027                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | HV      | 5200.031                 | 5150 to 5250 | Pass    |
|              |         |                 | -30              | NV      | 5200.035                 | 5150 to 5250 | Pass    |
|              |         |                 | -20              | NV      | 5200.038                 | 5150 to 5250 | Pass    |
|              |         |                 | -10              | NV      | 5200.043                 | 5150 to 5250 | Pass    |
|              |         |                 | 0                | NV      | 5200.047                 | 5150 to 5250 | Pass    |
|              |         |                 | 10               | NV      | 5200.047                 | 5150 to 5250 | Pass    |
|              |         |                 | 30               | NV      | 5200.050                 | 5150 to 5250 | Pass    |
|              |         |                 | 40               | NV      | 5200.054                 | 5150 to 5250 | Pass    |
|              |         |                 | 50               | NV      | 5200.055                 | 5150 to 5250 | Pass    |
|              |         | 5240            | 20               | LV      | 5240.026                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | NV      | 5240.030                 | 5150 to 5250 | Pass    |
|              |         |                 |                  | HV      | 5240.034                 | 5150 to 5250 | Pass    |
|              |         |                 | -30              | NV      | 5240.038                 | 5150 to 5250 | Pass    |
|              |         |                 | -20              | NV      | 5240.040                 | 5150 to 5250 | Pass    |
|              |         |                 | -10              | NV      | 5240.040                 | 5150 to 5250 | Pass    |
|              |         |                 | 0                | NV      | 5240.041                 | 5150 to 5250 | Pass    |
|              |         |                 | 10               | NV      | 5240.042                 | 5150 to 5250 | Pass    |
|              |         |                 | 30               | NV      | 5240.043                 | 5150 to 5250 | Pass    |
|              |         |                 | 40               | NV      | 5240.046                 | 5150 to 5250 | Pass    |
|              |         |                 | 50               | NV      | 5240.047                 | 5150 to 5250 | Pass    |
|              |         | 5745            | 20               | LV      | 5745.014                 | 5725 to 5850 | Pass    |
|              |         |                 |                  | NV      | 5745.047                 | 5725 to 5850 | Pass    |
|              |         |                 |                  | HV      | 5745.055                 | 5725 to 5850 | Pass    |
|              |         |                 | -30              | NV      | 5745.069                 | 5725 to 5850 | Pass    |
|              |         |                 | -20              | NV      | 5745.084                 | 5725 to 5850 | Pass    |
|              |         |                 | -10              | NV      | 5745.096                 | 5725 to 5850 | Pass    |
|              |         |                 | 0                | NV      | 5745.107                 | 5725 to 5850 | Pass    |
|              |         |                 | 10               | NV      | 5745.118                 | 5725 to 5850 | Pass    |
|              |         |                 | 30               | NV      | 5745.126                 | 5725 to 5850 | Pass    |
|              |         |                 | 40               | NV      | 5745.134                 | 5725 to 5850 | Pass    |
|              |         |                 | 50               | NV      | 5745.142                 | 5725 to 5850 | Pass    |
|              |         | 5785            | 20               | LV      | 5785.106                 | 5725 to 5850 | Pass    |
|              |         |                 |                  | NV      | 5785.115                 | 5725 to 5850 | Pass    |

|  |  |      |     |    |          |              |      |
|--|--|------|-----|----|----------|--------------|------|
|  |  |      |     | HV | 5785.120 | 5725 to 5850 | Pass |
|  |  |      | -30 | NV | 5785.120 | 5725 to 5850 | Pass |
|  |  |      | -20 | NV | 5785.121 | 5725 to 5850 | Pass |
|  |  |      | -10 | NV | 5785.120 | 5725 to 5850 | Pass |
|  |  |      | 0   | NV | 5785.119 | 5725 to 5850 | Pass |
|  |  |      | 10  | NV | 5785.120 | 5725 to 5850 | Pass |
|  |  |      | 30  | NV | 5785.121 | 5725 to 5850 | Pass |
|  |  |      | 40  | NV | 5785.121 | 5725 to 5850 | Pass |
|  |  |      | 50  | NV | 5785.122 | 5725 to 5850 | Pass |
|  |  | 5825 | 20  | LV | 5825.052 | 5725 to 5850 | Pass |
|  |  |      |     | NV | 5825.060 | 5725 to 5850 | Pass |
|  |  |      |     | HV | 5825.063 | 5725 to 5850 | Pass |
|  |  |      | -30 | NV | 5825.065 | 5725 to 5850 | Pass |
|  |  |      | -20 | NV | 5825.066 | 5725 to 5850 | Pass |
|  |  |      | -10 | NV | 5825.065 | 5725 to 5850 | Pass |
|  |  |      | 0   | NV | 5825.066 | 5725 to 5850 | Pass |
|  |  |      | 10  | NV | 5825.068 | 5725 to 5850 | Pass |
|  |  |      | 30  | NV | 5825.069 | 5725 to 5850 | Pass |
|  |  |      | 40  | NV | 5825.069 | 5725 to 5850 | Pass |
|  |  |      | 50  | NV | 5825.069 | 5725 to 5850 | Pass |
|  |  | 5190 | 20  | LV | 5190.018 | 5150 to 5250 | Pass |
|  |  |      |     | NV | 5190.027 | 5150 to 5250 | Pass |
|  |  |      |     | HV | 5190.035 | 5150 to 5250 | Pass |
|  |  |      | -30 | NV | 5190.043 | 5150 to 5250 | Pass |
|  |  |      | -20 | NV | 5190.048 | 5150 to 5250 | Pass |
|  |  |      | -10 | NV | 5190.055 | 5150 to 5250 | Pass |
|  |  |      | 0   | NV | 5190.061 | 5150 to 5250 | Pass |
|  |  |      | 10  | NV | 5190.065 | 5150 to 5250 | Pass |
|  |  |      | 30  | NV | 5190.069 | 5150 to 5250 | Pass |
|  |  |      | 40  | NV | 5190.072 | 5150 to 5250 | Pass |
|  |  |      | 50  | NV | 5190.075 | 5150 to 5250 | Pass |
|  |  | 5230 | 20  | LV | 5230.034 | 5150 to 5250 | Pass |
|  |  |      |     | NV | 5230.036 | 5150 to 5250 | Pass |
|  |  |      |     | HV | 5230.038 | 5150 to 5250 | Pass |
|  |  |      | -30 | NV | 5230.041 | 5150 to 5250 | Pass |
|  |  |      | -20 | NV | 5230.043 | 5150 to 5250 | Pass |
|  |  |      | -10 | NV | 5230.045 | 5150 to 5250 | Pass |
|  |  |      | 0   | NV | 5230.046 | 5150 to 5250 | Pass |
|  |  |      | 10  | NV | 5230.048 | 5150 to 5250 | Pass |
|  |  |      | 30  | NV | 5230.049 | 5150 to 5250 | Pass |
|  |  |      | 40  | NV | 5230.049 | 5150 to 5250 | Pass |
|  |  |      | 50  | NV | 5230.049 | 5150 to 5250 | Pass |
|  |  | 5755 | 20  | LV | 5754.969 | 5725 to 5850 | Pass |
|  |  |      |     | NV | 5754.992 | 5725 to 5850 | Pass |
|  |  |      |     | HV | 5755.010 | 5725 to 5850 | Pass |
|  |  |      | -30 | NV | 5755.029 | 5725 to 5850 | Pass |
|  |  |      | -20 | NV | 5755.045 | 5725 to 5850 | Pass |
|  |  |      | -10 | NV | 5755.060 | 5725 to 5850 | Pass |
|  |  |      | 0   | NV | 5755.076 | 5725 to 5850 | Pass |
|  |  |      | 10  | NV | 5755.090 | 5725 to 5850 | Pass |
|  |  |      | 30  | NV | 5755.104 | 5725 to 5850 | Pass |
|  |  |      | 40  | NV | 5755.114 | 5725 to 5850 | Pass |
|  |  |      | 50  | NV | 5755.121 | 5725 to 5850 | Pass |
|  |  | 5795 | 20  | LV | 5795.065 | 5725 to 5850 | Pass |
|  |  |      |     | NV | 5795.087 | 5725 to 5850 | Pass |
|  |  |      |     | HV | 5795.088 | 5725 to 5850 | Pass |
|  |  |      | -30 | NV | 5795.093 | 5725 to 5850 | Pass |
|  |  |      | -20 | NV | 5795.097 | 5725 to 5850 | Pass |
|  |  |      | -10 | NV | 5795.102 | 5725 to 5850 | Pass |



|  |  |  |    |    |          |              |      |
|--|--|--|----|----|----------|--------------|------|
|  |  |  | 0  | NV | 5795.102 | 5725 to 5850 | Pass |
|  |  |  | 10 | NV | 5795.103 | 5725 to 5850 | Pass |
|  |  |  | 30 | NV | 5795.103 | 5725 to 5850 | Pass |
|  |  |  | 40 | NV | 5795.104 | 5725 to 5850 | Pass |
|  |  |  | 50 | NV | 5795.106 | 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            | 0.0062        | 7.94            |
| 5745             | 5825            | 0.0079        | 9.00            |
| 5190             | 5230            | 0.0062        | 7.93            |
| 5755             | 5795            | 0.0082        | 9.12            |

\*\*\*\*\* End of Report \*\*\*\*\*