

|                     |      |      |   |         |   |      |
|---------------------|------|------|---|---------|---|------|
| 802.11ac<br>(VHT80) | SISO | 5755 | 1 | 60.633  | / | Pass |
|                     |      | 5795 | 1 | 61.566  | / | Pass |
|                     |      | 5210 | 1 | 109.128 | / | Pass |
|                     |      | 5290 | 1 | 109.576 | / | Pass |
|                     |      | 5530 | 1 | 114.599 | / | Pass |
|                     |      | 5610 | 1 | 115.558 | / | Pass |
|                     |      | 5775 | 1 | 121.356 | / | Pass |

## 2.1.2 6dB BW

| Mode                | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |       | Verdict |
|---------------------|---------|-----------------|-----|---------------------|-------|---------|
|                     |         |                 |     | Result              | Limit |         |
| 802.11a             | SISO    | 5745            | 1   | 15.734              | >=0.5 | Pass    |
|                     |         | 5785            | 1   | 15.329              | >=0.5 | Pass    |
|                     |         | 5825            | 1   | 16.061              | >=0.5 | Pass    |
| 802.11n<br>(HT20)   | SISO    | 5745            | 1   | 16.536              | >=0.5 | Pass    |
|                     |         | 5785            | 1   | 15.163              | >=0.5 | Pass    |
|                     |         | 5825            | 1   | 15.124              | >=0.5 | Pass    |
| 802.11n<br>(HT40)   | SISO    | 5755            | 1   | 32.613              | >=0.5 | Pass    |
|                     |         | 5795            | 1   | 32.568              | >=0.5 | Pass    |
| 802.11ac<br>(VHT20) | SISO    | 5745            | 1   | 15.733              | >=0.5 | Pass    |
|                     |         | 5785            | 1   | 15.317              | >=0.5 | Pass    |
|                     |         | 5825            | 1   | 16.093              | >=0.5 | Pass    |
| 802.11ac<br>(VHT40) | SISO    | 5755            | 1   | 30.124              | >=0.5 | Pass    |
|                     |         | 5795            | 1   | 30.128              | >=0.5 | Pass    |
| 802.11ac<br>(VHT80) | SISO    | 5775            | 1   | 68.860              | >=0.5 | Pass    |

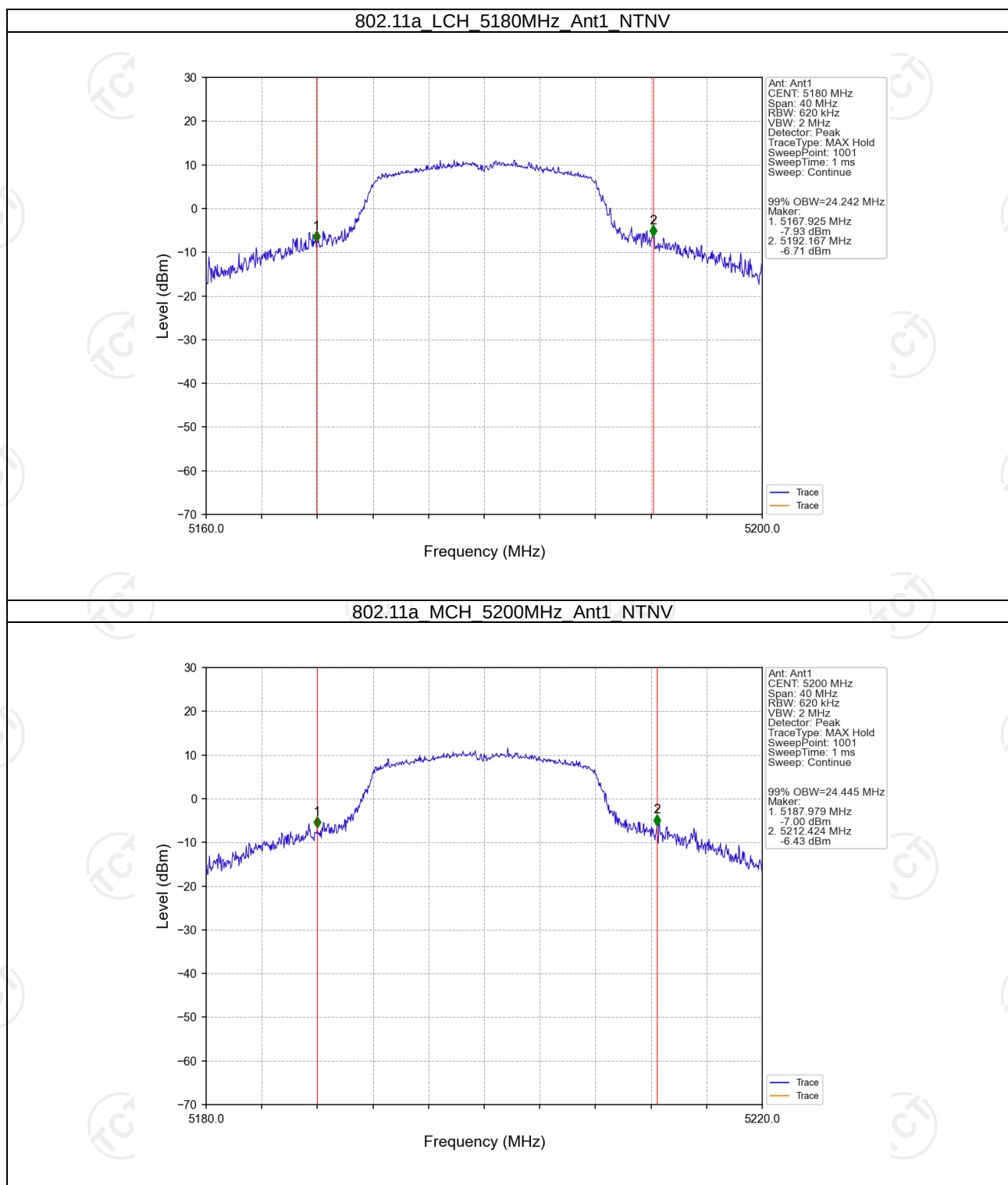
## 2.1.3 26dB BW

| Mode                | TX Type | Frequency (MHz) | ANT | 26dB Bandwidth (MHz) |       | Verdict |
|---------------------|---------|-----------------|-----|----------------------|-------|---------|
|                     |         |                 |     | Result               | Limit |         |
| 802.11a             | SISO    | 5180            | 1   | 35.676               | /     | Pass    |
|                     |         | 5200            | 1   | 34.848               | /     | Pass    |
|                     |         | 5240            | 1   | 35.691               | /     | Pass    |
|                     |         | 5260            | 1   | 38.955               | /     | Pass    |
|                     |         | 5300            | 1   | 40.553               | /     | Pass    |
|                     |         | 5320            | 1   | 33.748               | /     | Pass    |
|                     |         | 5500            | 1   | 42.528               | /     | Pass    |
|                     |         | 5580            | 1   | 41.919               | /     | Pass    |
| 802.11n<br>(HT20)   | SISO    | 5700            | 1   | 44.110               | /     | Pass    |
|                     |         | 5180            | 1   | 41.720               | /     | Pass    |
|                     |         | 5200            | 1   | 39.922               | /     | Pass    |
|                     |         | 5240            | 1   | 40.797               | /     | Pass    |
|                     |         | 5260            | 1   | 42.423               | /     | Pass    |
|                     |         | 5300            | 1   | 42.423               | /     | Pass    |
|                     |         | 5320            | 1   | 42.082               | /     | Pass    |
|                     |         | 5500            | 1   | 43.910               | /     | Pass    |
| 802.11n<br>(HT40)   | SISO    | 5580            | 1   | 42.976               | /     | Pass    |
|                     |         | 5700            | 1   | 45.708               | /     | Pass    |
|                     |         | 5190            | 1   | 86.933               | /     | Pass    |
|                     |         | 5230            | 1   | 90.427               | /     | Pass    |
|                     |         | 5270            | 1   | 92.136               | /     | Pass    |
|                     |         | 5310            | 1   | 90.324               | /     | Pass    |
|                     |         | 5510            | 1   | 86.642               | /     | Pass    |
|                     |         | 5550            | 1   | 91.365               | /     | Pass    |
| 802.11ac<br>(VHT20) | SISO    | 5670            | 1   | 90.567               | /     | Pass    |
|                     |         | 5180            | 1   | 40.193               | /     | Pass    |
|                     |         | 5200            | 1   | 40.926               | /     | Pass    |
|                     |         | 5240            | 1   | 42.219               | /     | Pass    |
|                     |         | 5260            | 1   | 42.413               | /     | Pass    |
|                     | SISO    | 5300            | 1   | 44.285               | /     | Pass    |
|                     |         | 5320            | 1   | 41.447               | /     | Pass    |

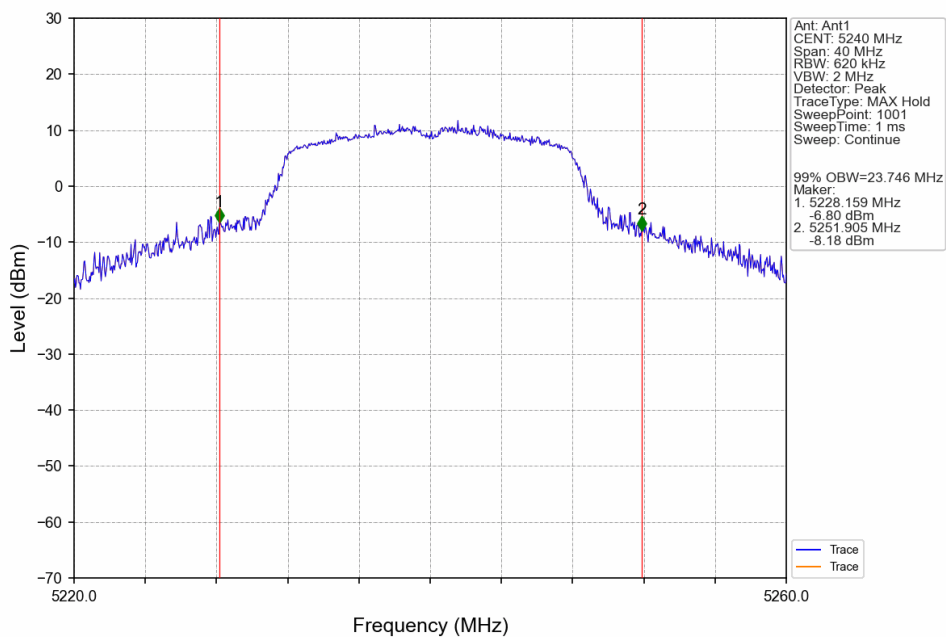
|                     |      |      |   |         |   |      |
|---------------------|------|------|---|---------|---|------|
| 802.11ac<br>(VHT40) | SISO | 5500 | 1 | 44.329  | / | Pass |
|                     |      | 5580 | 1 | 43.759  | / | Pass |
|                     |      | 5700 | 1 | 45.923  | / | Pass |
|                     |      | 5190 | 1 | 87.929  | / | Pass |
|                     |      | 5230 | 1 | 86.216  | / | Pass |
|                     |      | 5270 | 1 | 87.291  | / | Pass |
|                     |      | 5310 | 1 | 89.975  | / | Pass |
|                     |      | 5510 | 1 | 95.653  | / | Pass |
|                     |      | 5550 | 1 | 94.681  | / | Pass |
| 802.11ac<br>(VHT80) | SISO | 5670 | 1 | 98.238  | / | Pass |
|                     |      | 5210 | 1 | 198.441 | / | Pass |
|                     |      | 5290 | 1 | 193.478 | / | Pass |
|                     |      | 5530 | 1 | 202.209 | / | Pass |
|                     |      | 5610 | 1 | 196.944 | / | Pass |

## 2.2 Test Graph

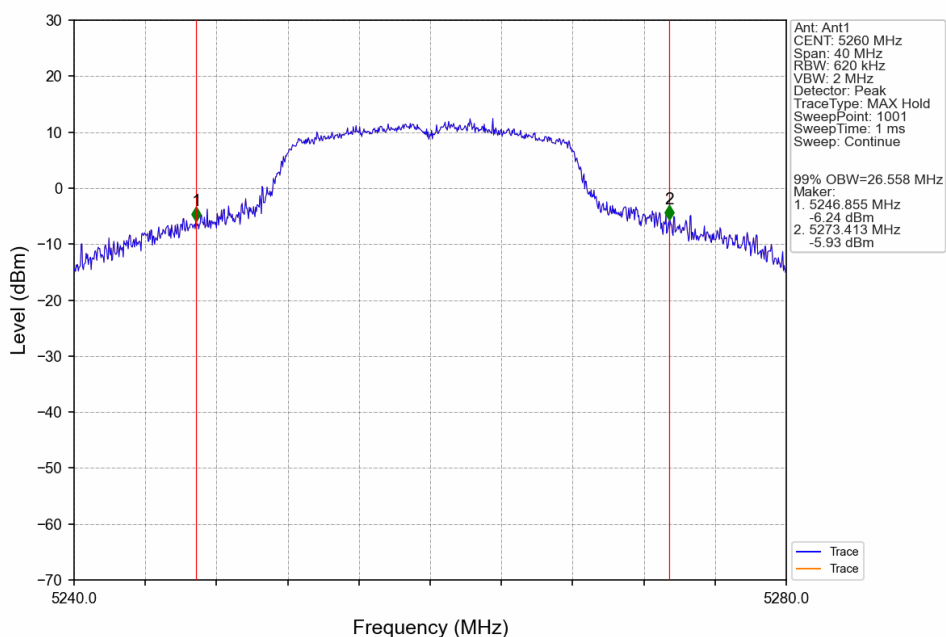
### 2.2.1 OBW



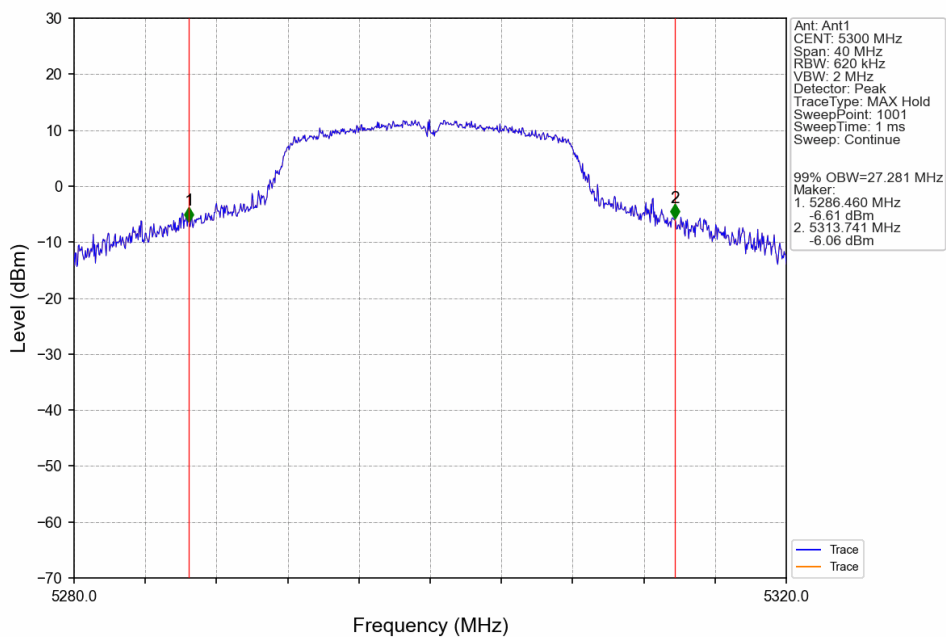
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



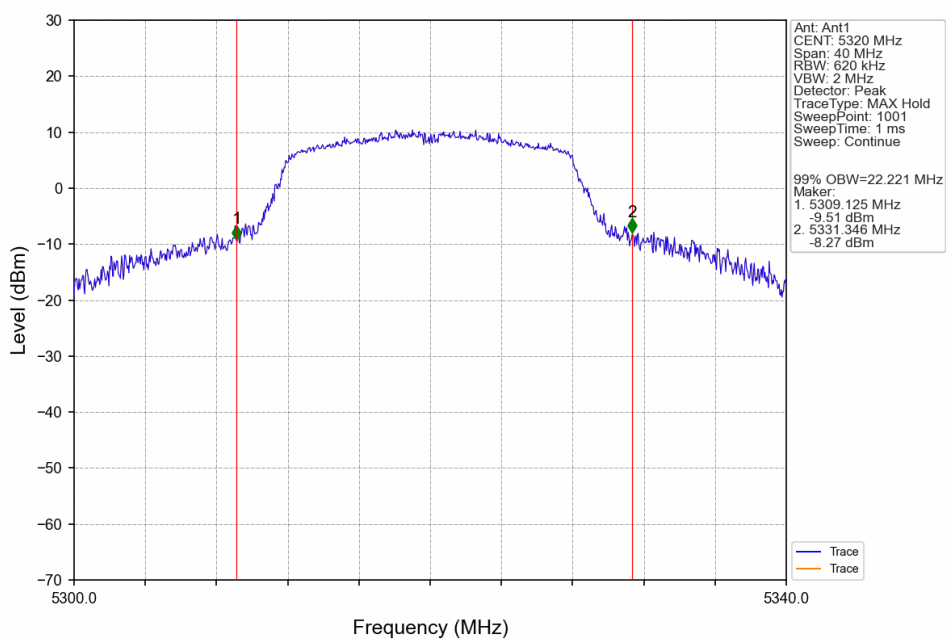
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



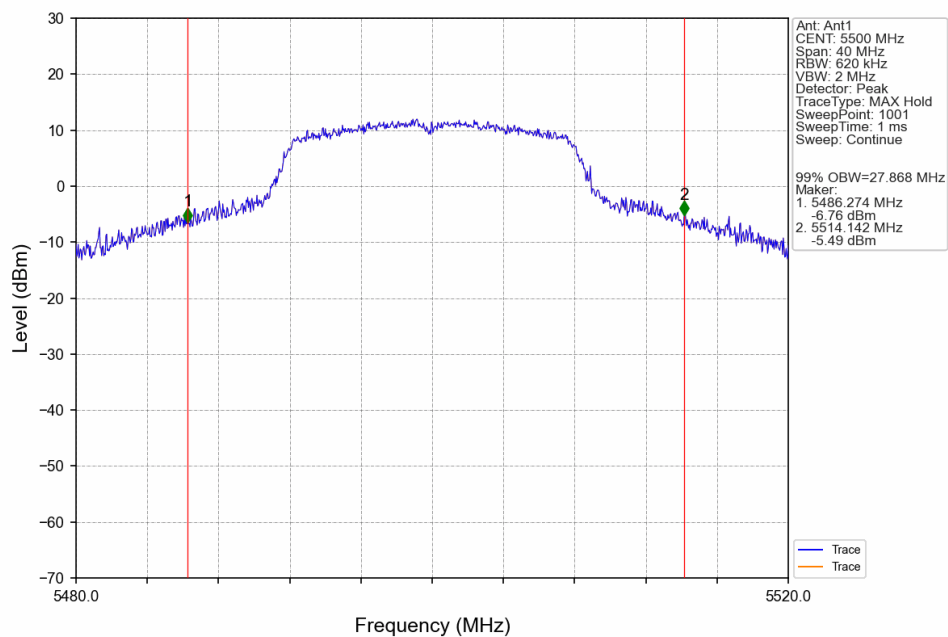
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



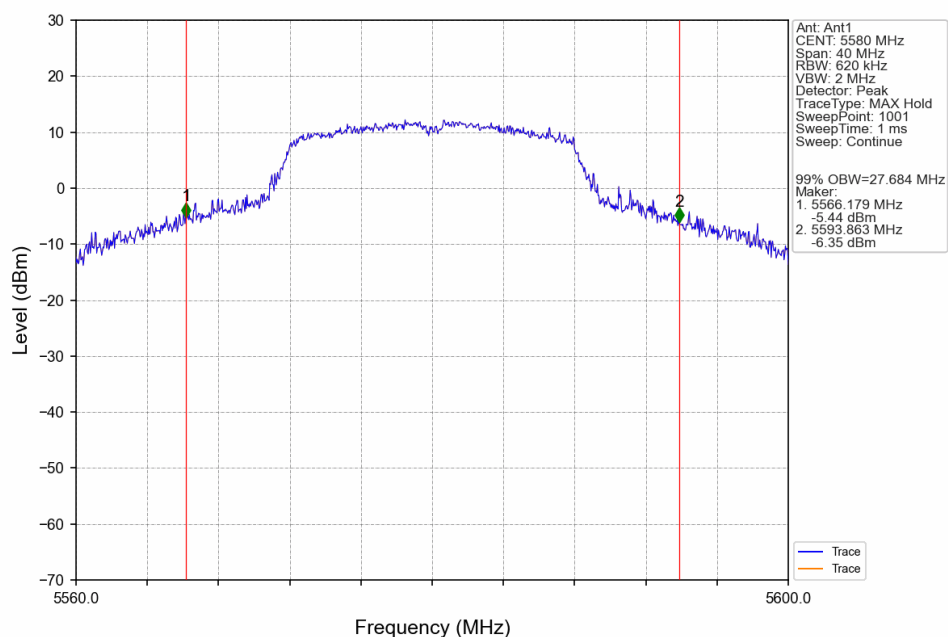
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



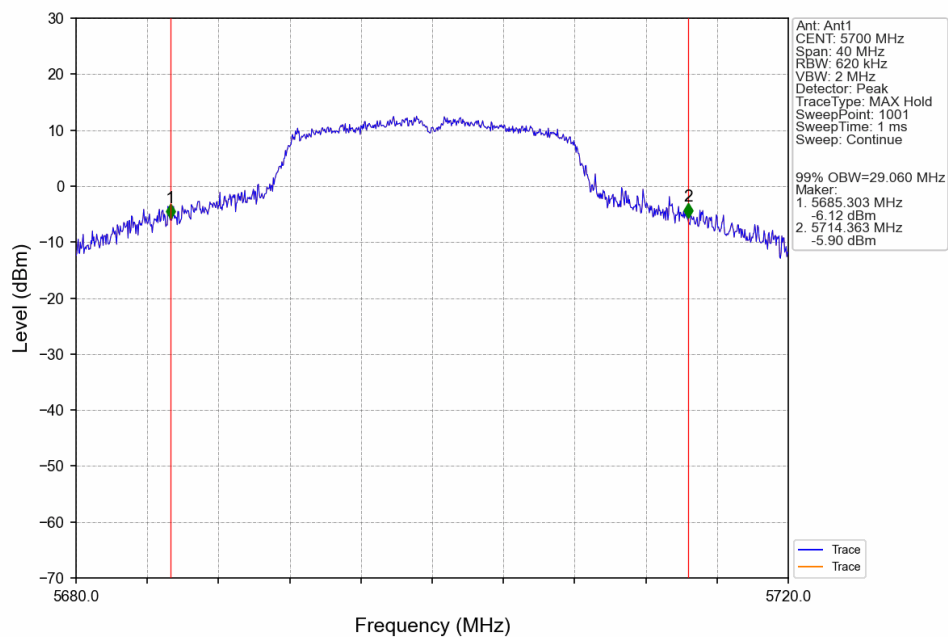
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



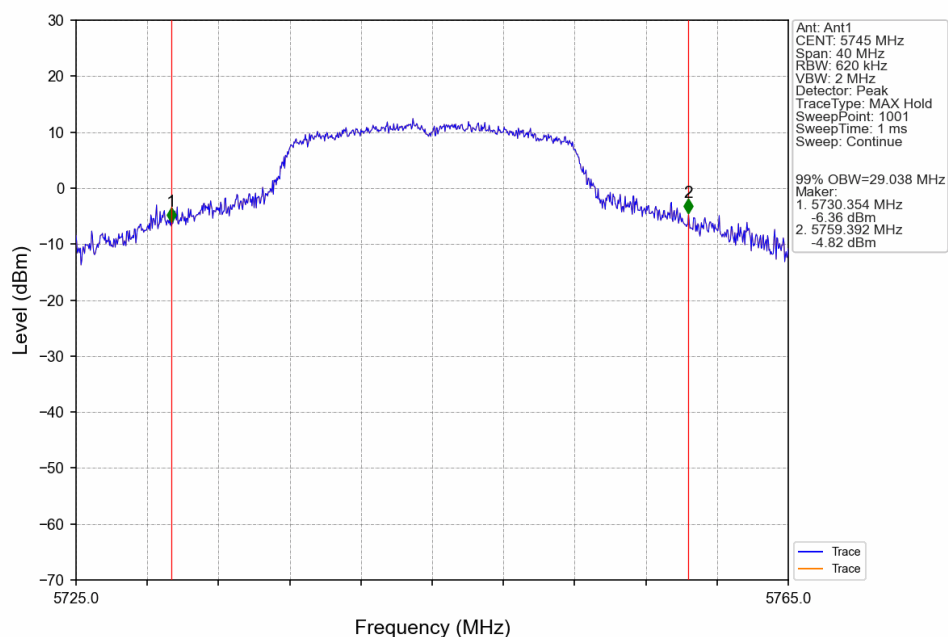
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



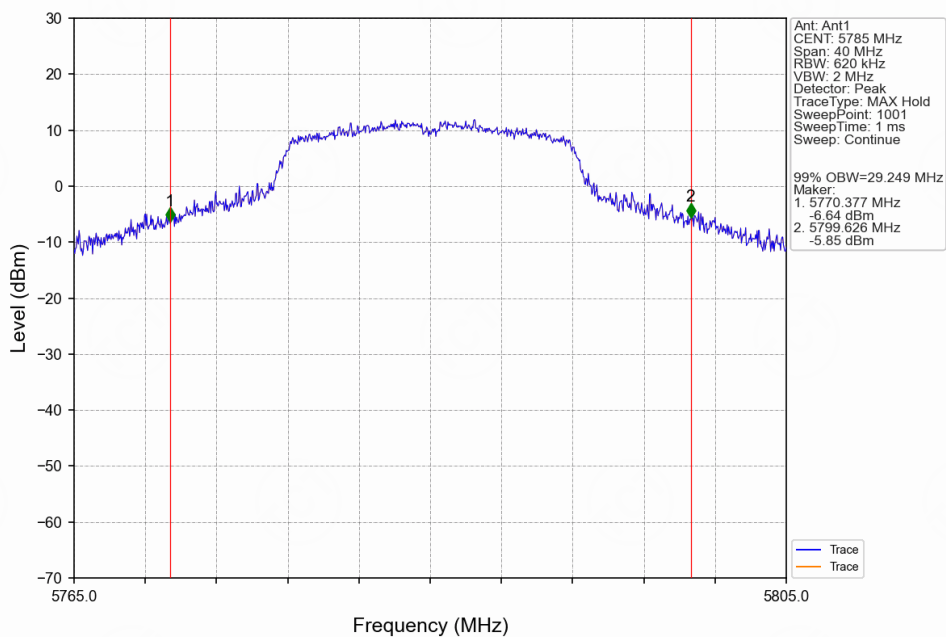
802.11a\_HCH\_5700MHz\_Ant1\_NTNV



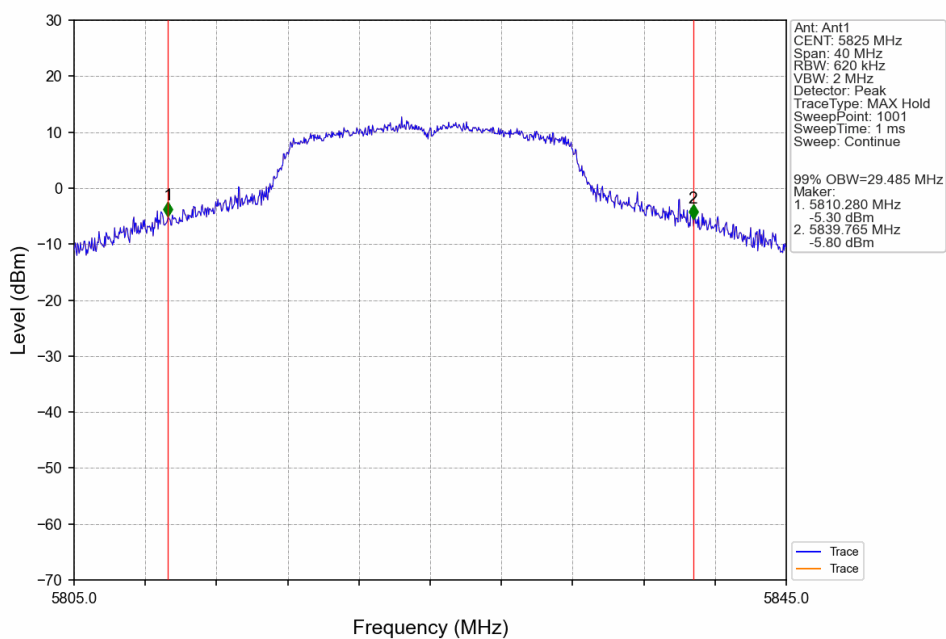
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



802.11a\_MCH\_5785MHz\_Ant1\_NTNV

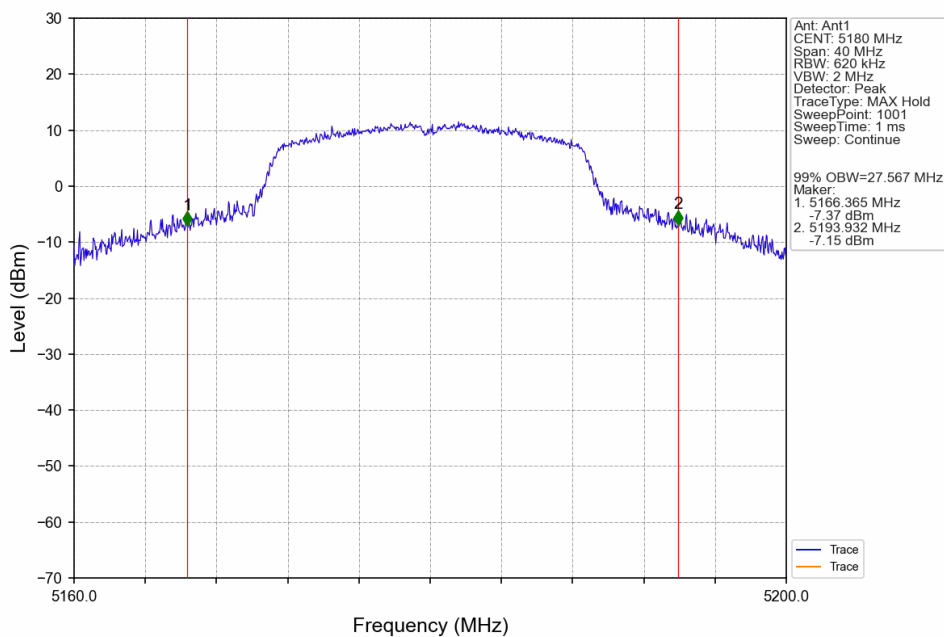


802.11a\_HCH\_5825MHz\_Ant1\_NTNV

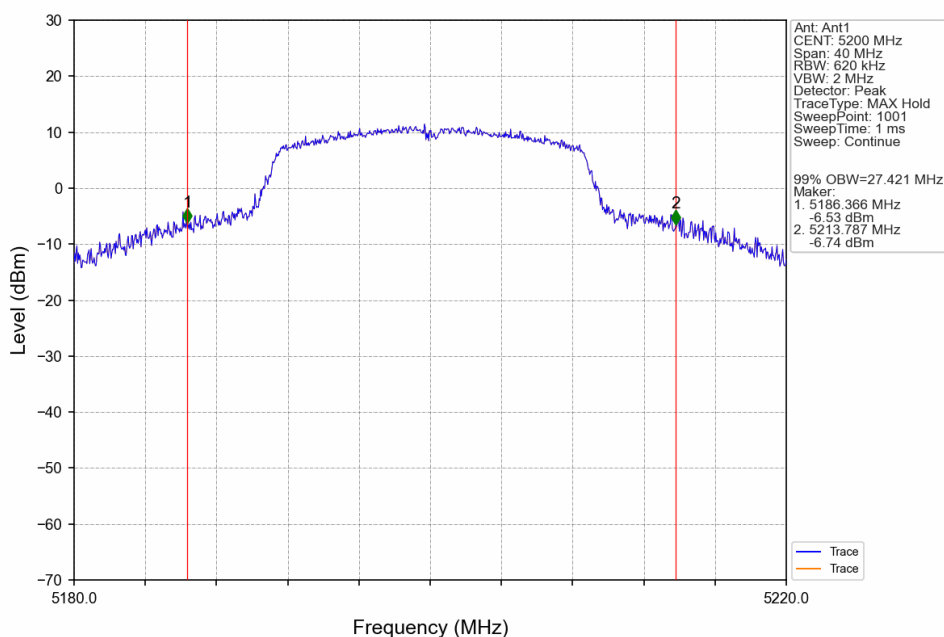




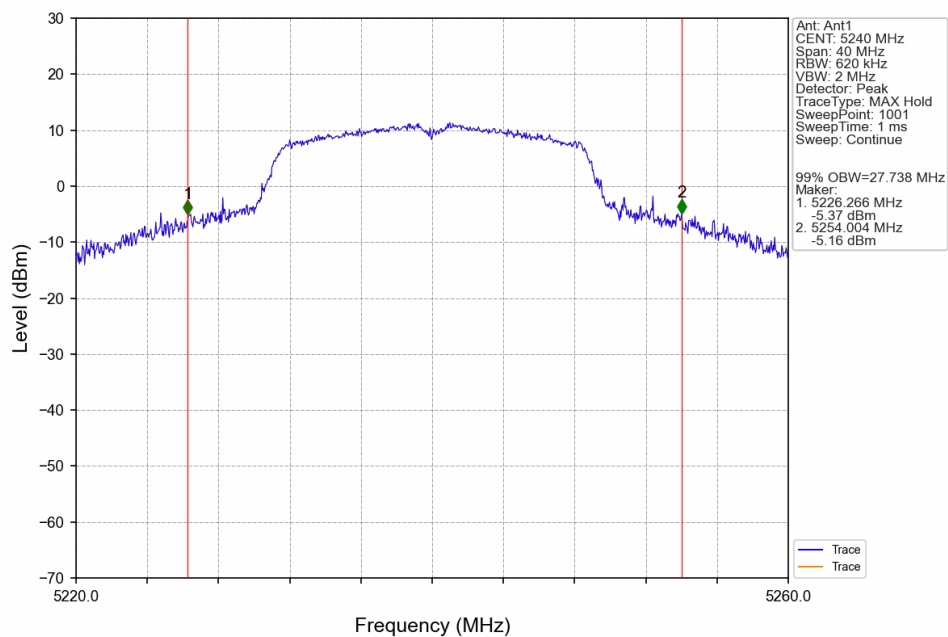
802.11n(HT20) LCH 5180MHz Ant1 NTN



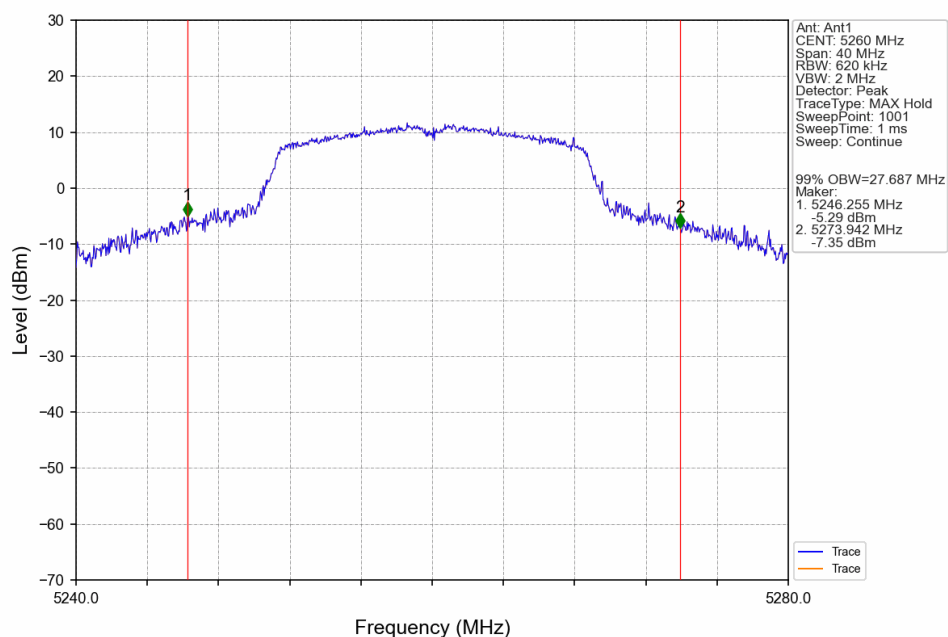
802.11n(HT20) MCH 5200MHz Ant1 NTN



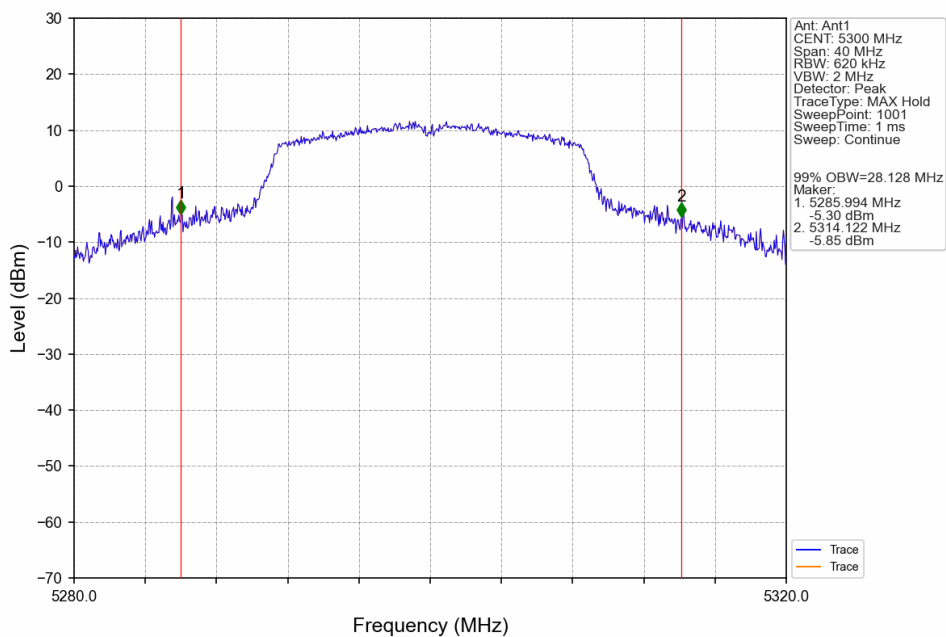
802.11n(HT20) HCH 5240MHz\_Ant1\_NTNV



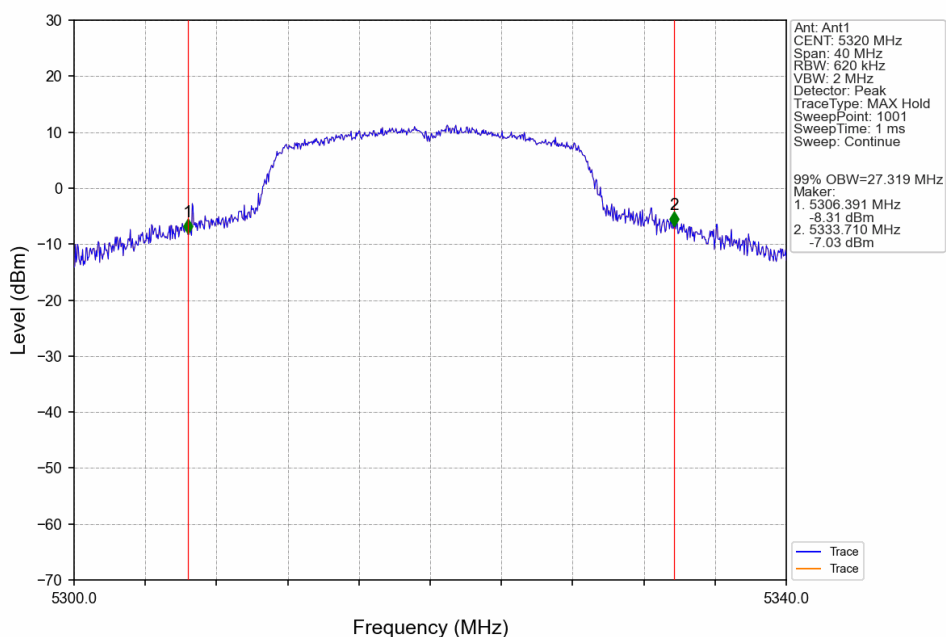
802.11n(HT20) LCH 5260MHz\_Ant1\_NTNV



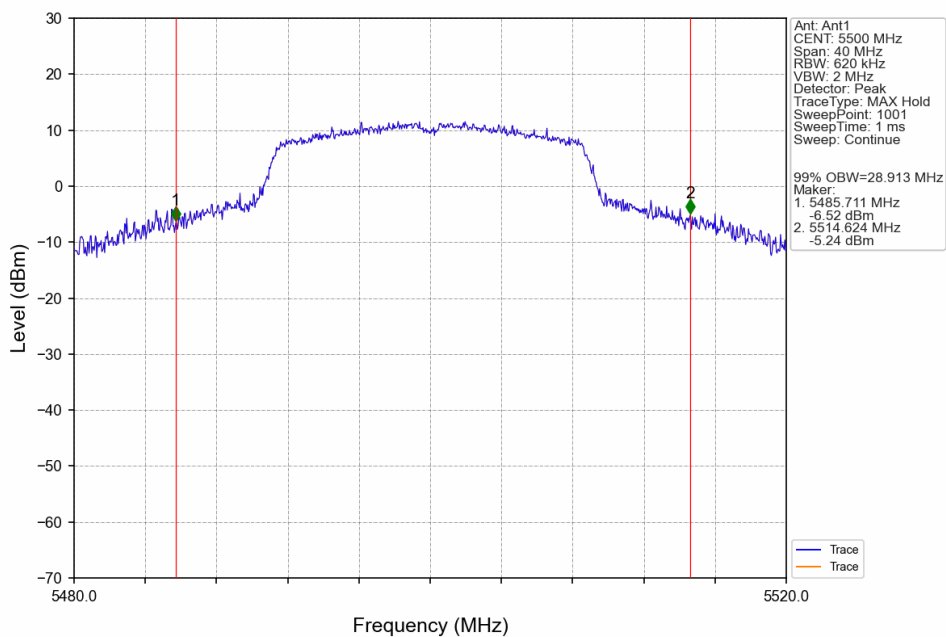
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



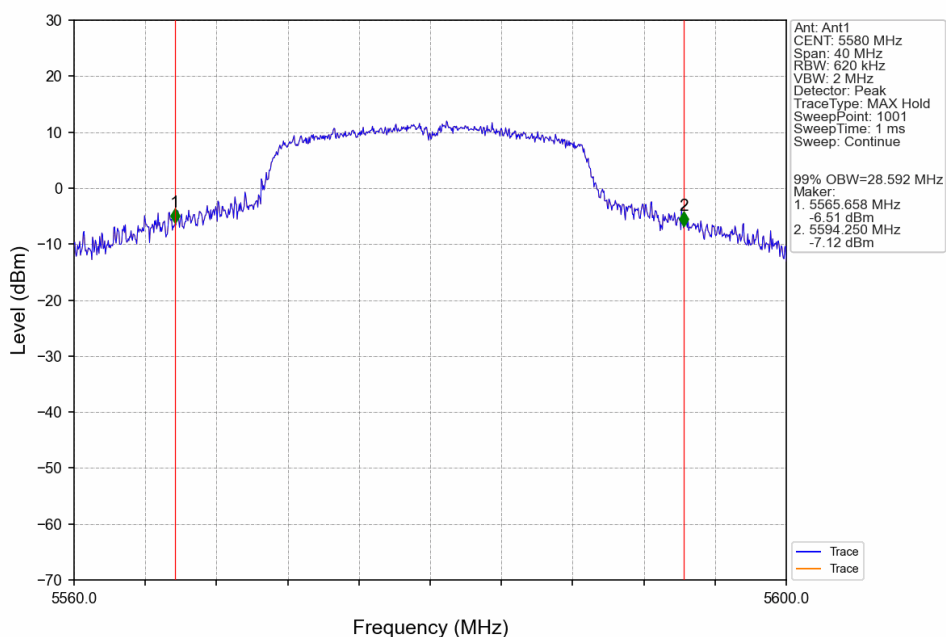
802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



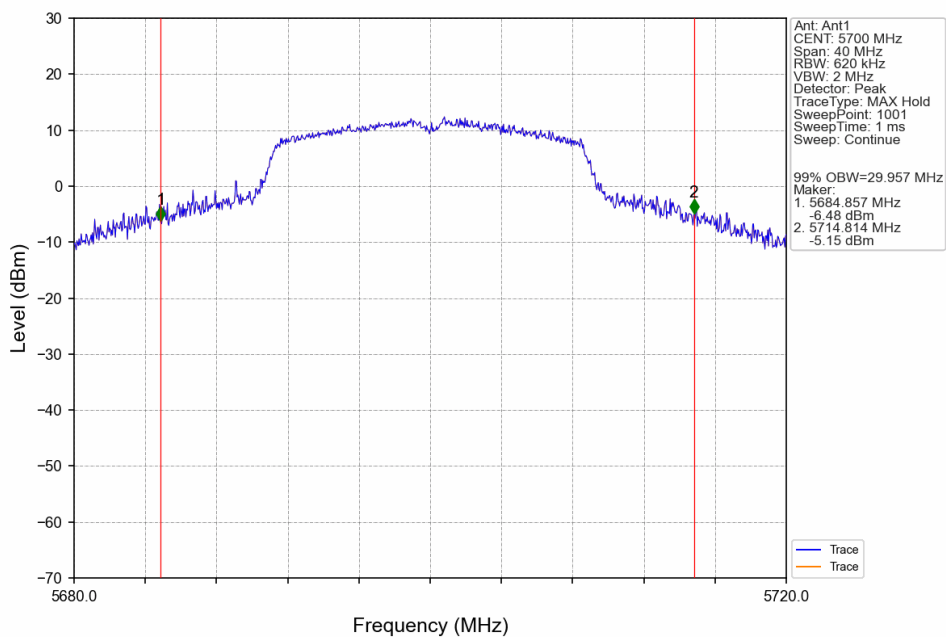
802.11n(HT20) LCH\_5500MHz\_Ant1\_NTNV



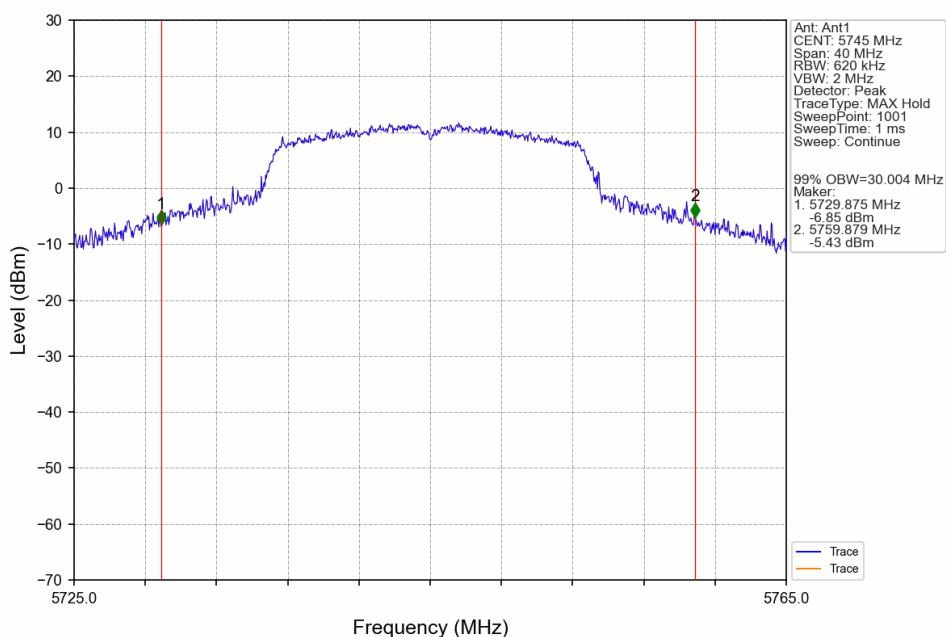
802.11n(HT20) MCH\_5580MHz\_Ant1\_NTNV



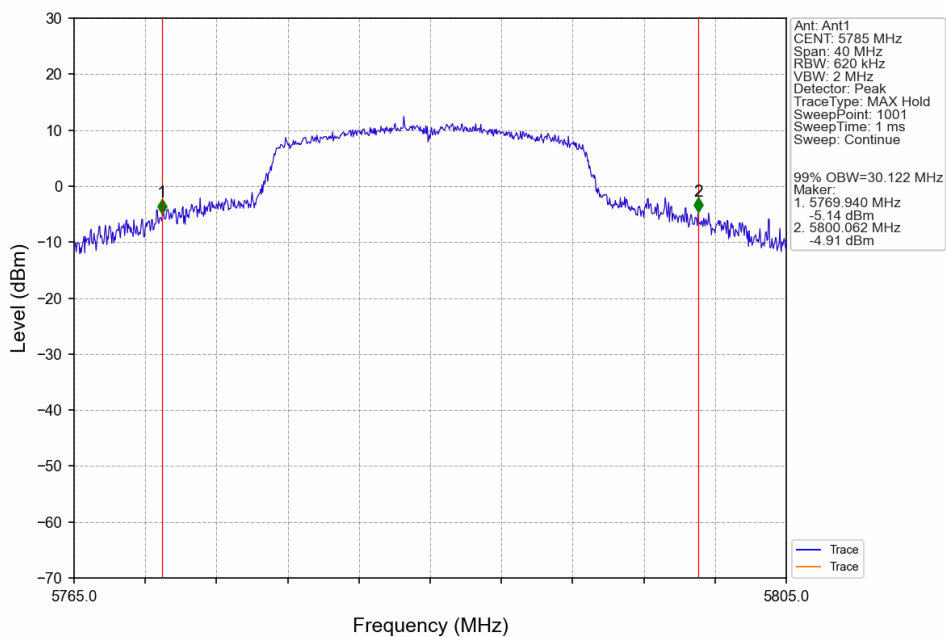
802.11n(HT20) HCH 5700MHz Ant1 NTN



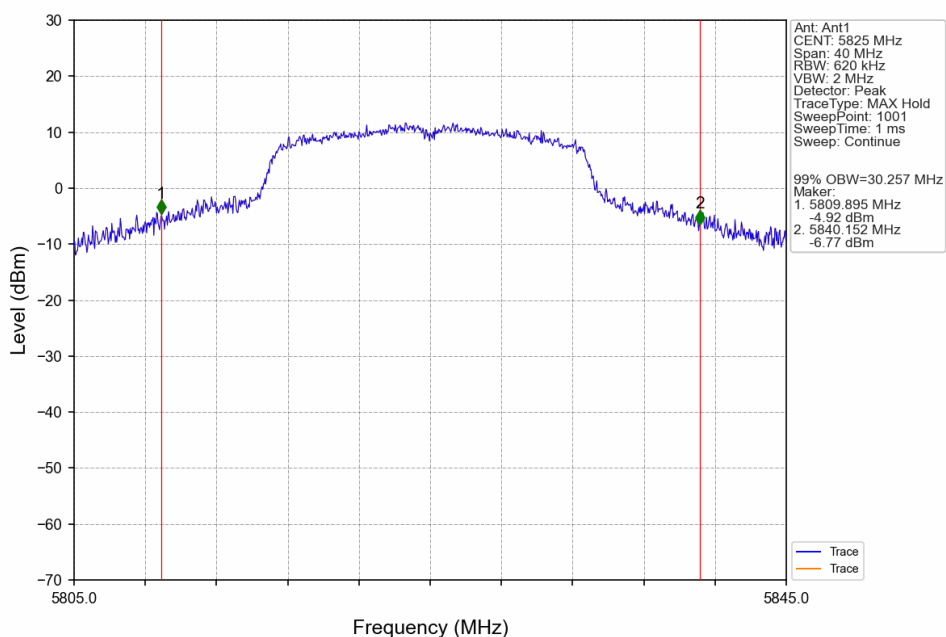
802.11n(HT20) LCH 5745MHz Ant1 NTN



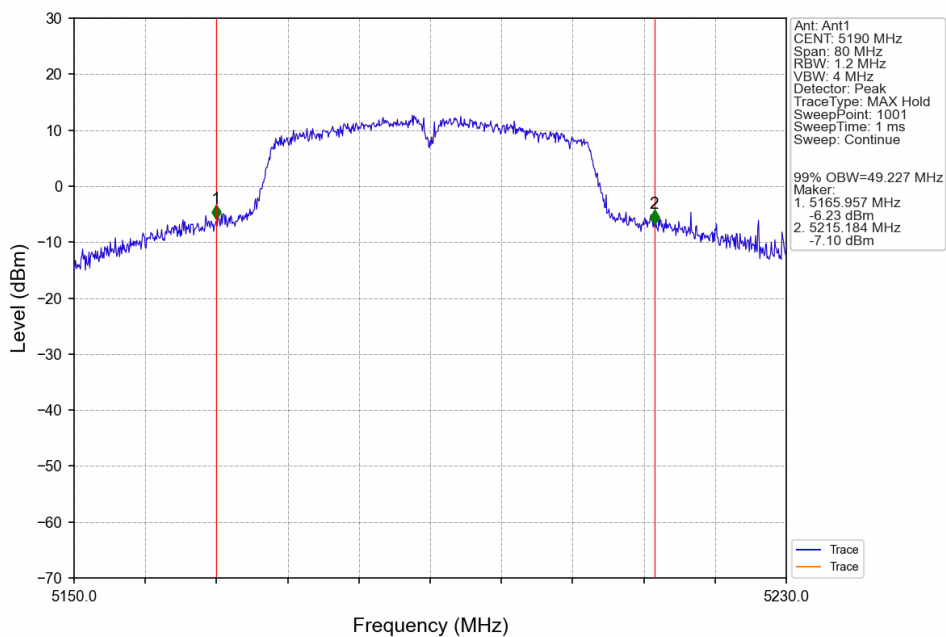
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



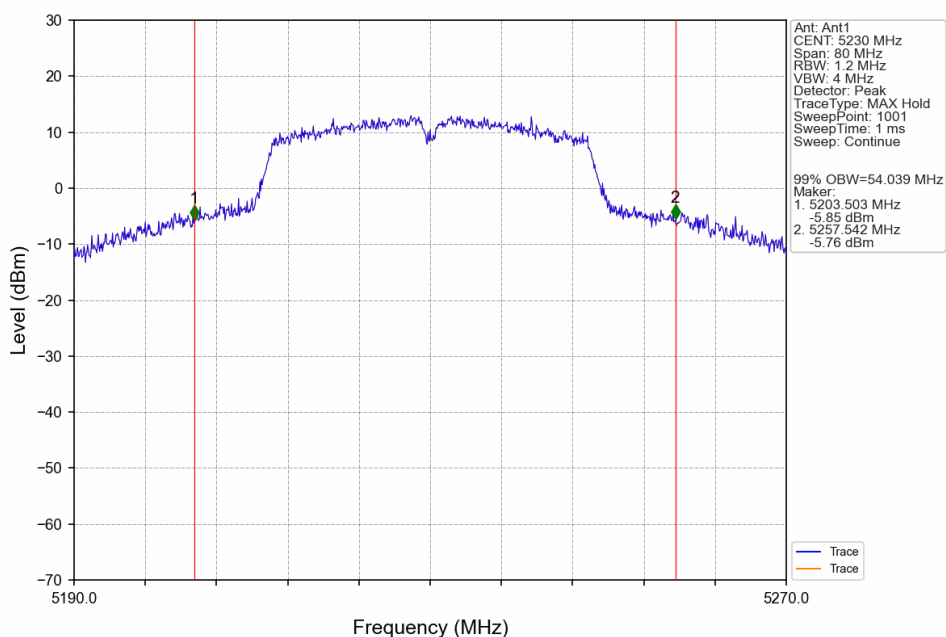
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



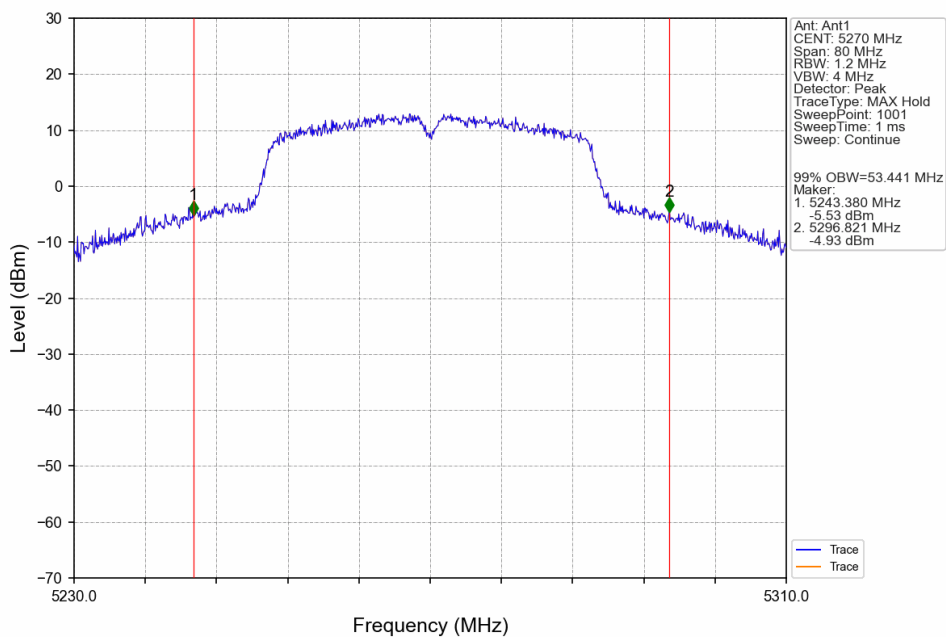
802.11n(HT40) LCH 5190MHz\_Ant1\_NTNV



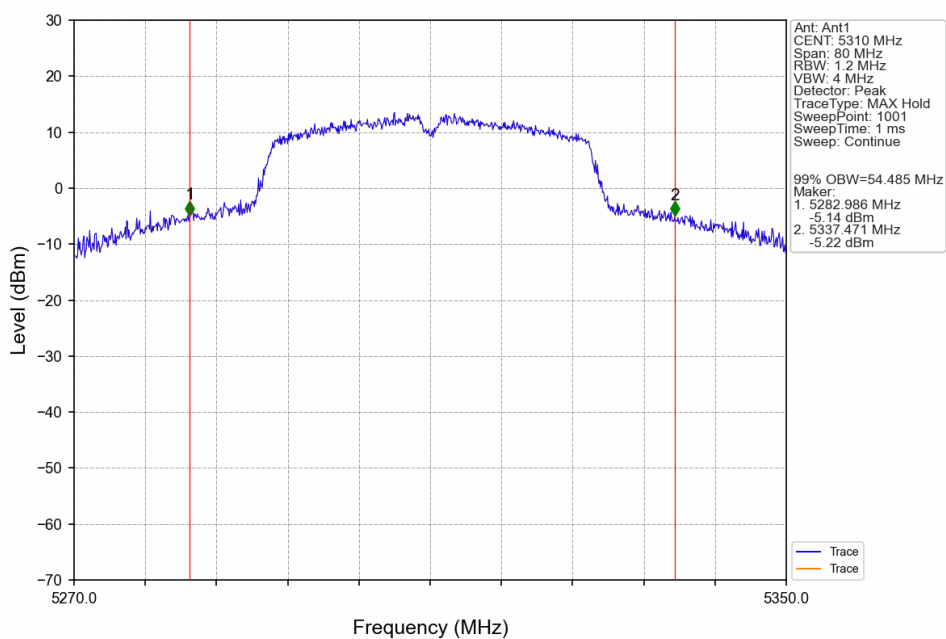
802.11n(HT40) HCH 5230MHz\_Ant1\_NTNV



802.11n(HT40) LCH 5270MHz Ant1 NTN

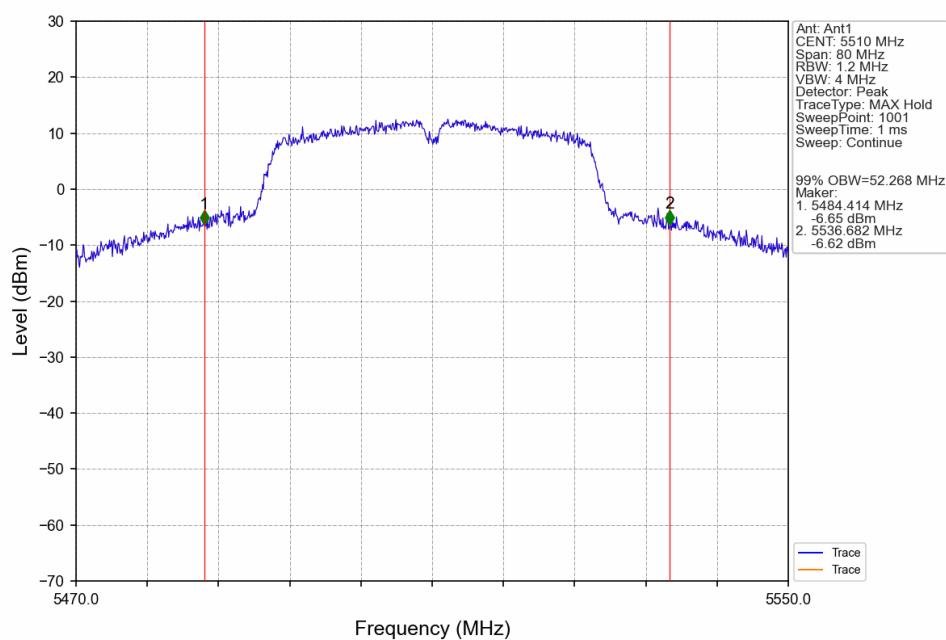


802.11n(HT40) HCH 5310MHz Ant1 NTN

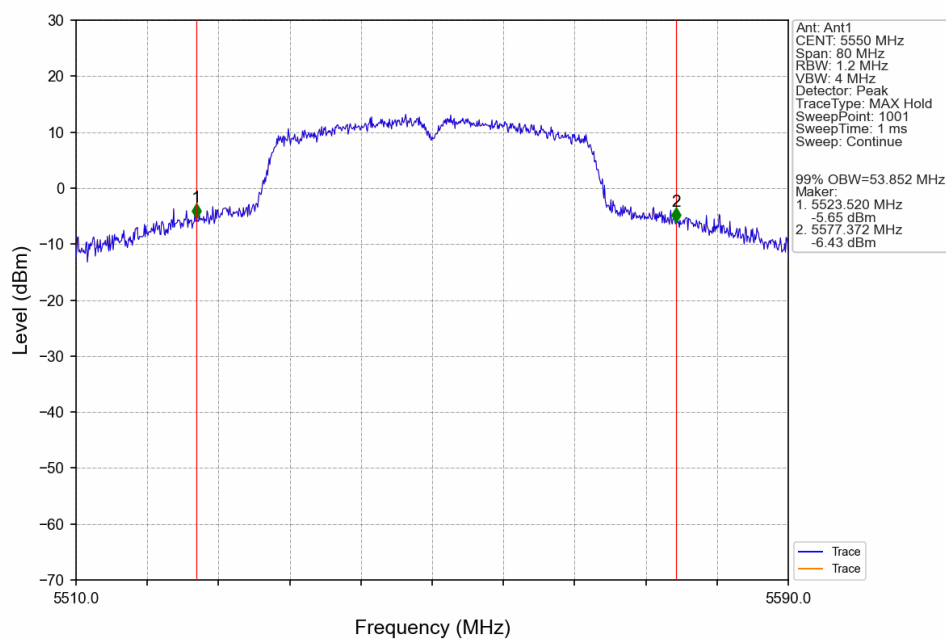




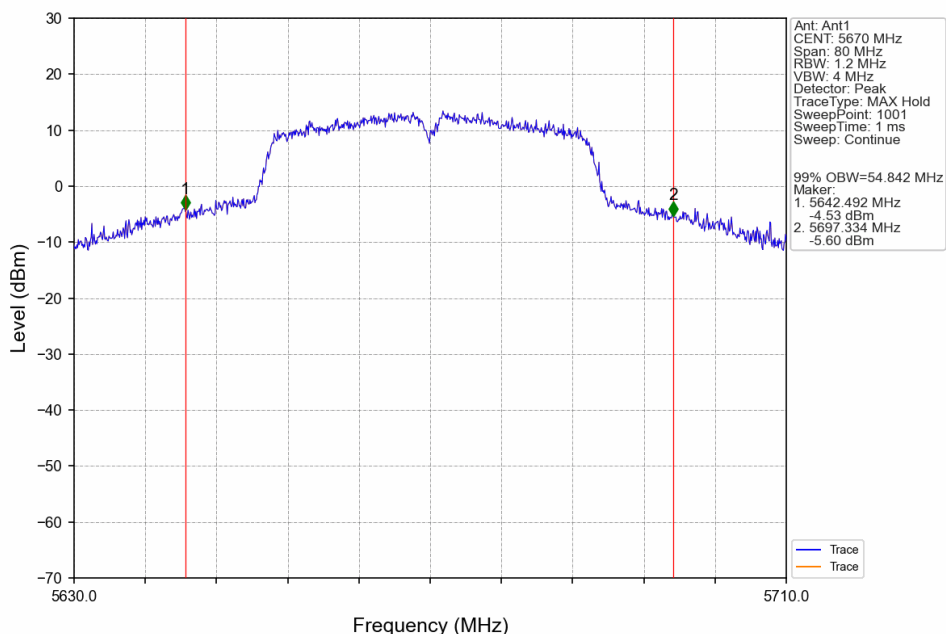
802.11n(HT40) LCH 5510MHz Ant1 NTN



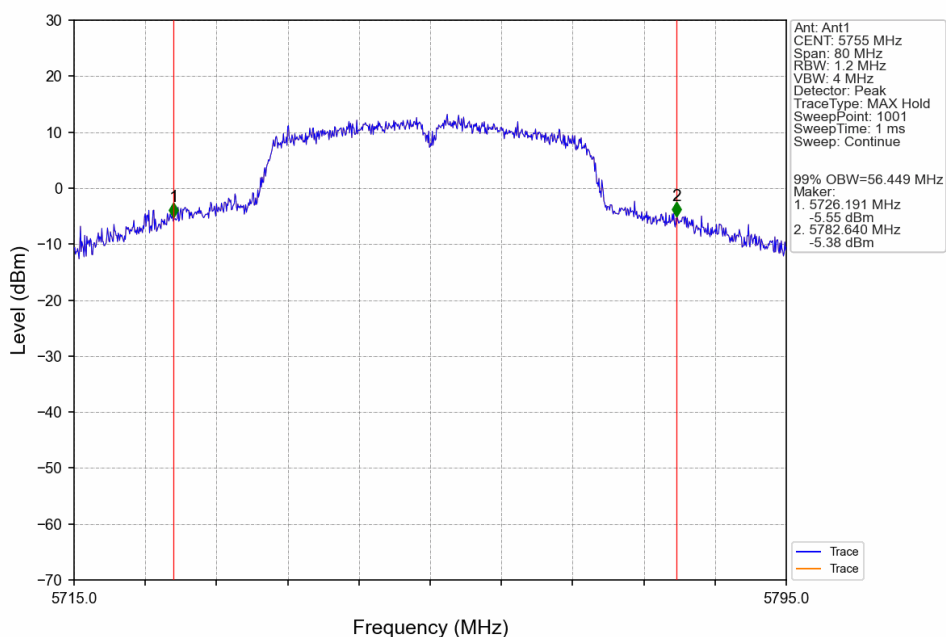
802.11n(HT40) MCH 5550MHz Ant1 NTN



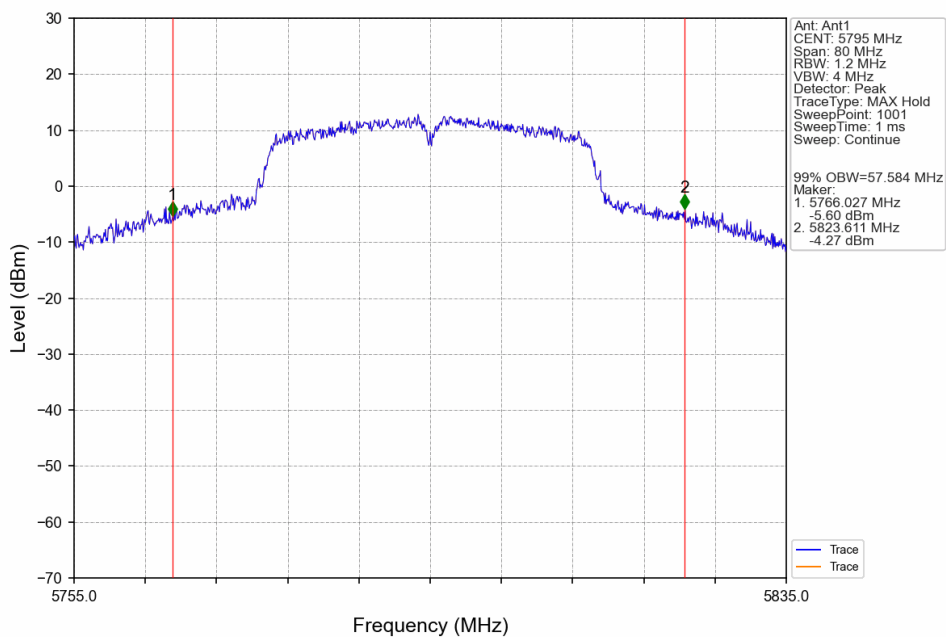
802.11n(HT40) HCH 5670MHz Ant1 NTN



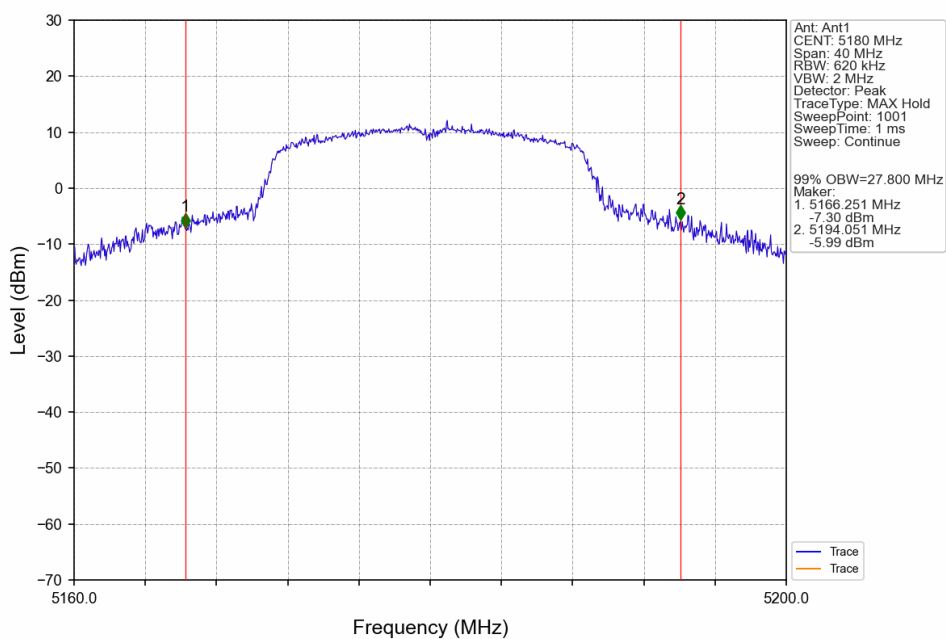
802.11n(HT40) LCH 5755MHz Ant1 NTN



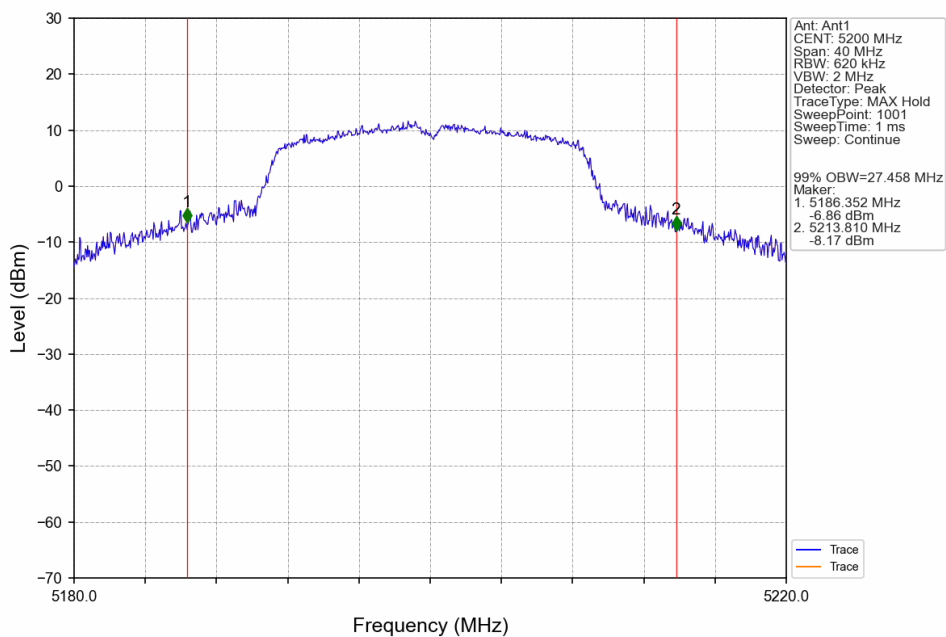
802.11n(HT40) HCH 5795MHz Ant1 NTN



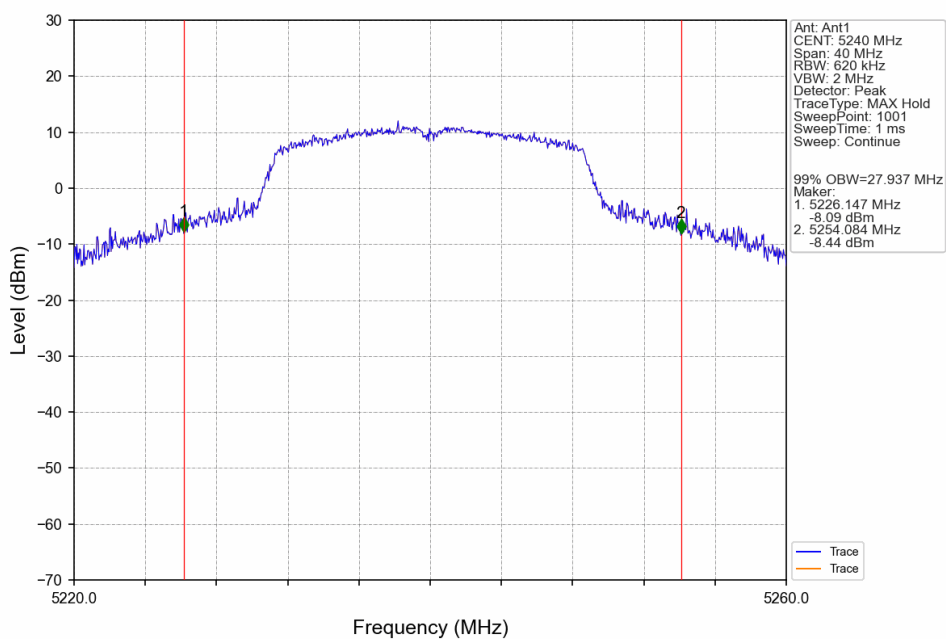
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



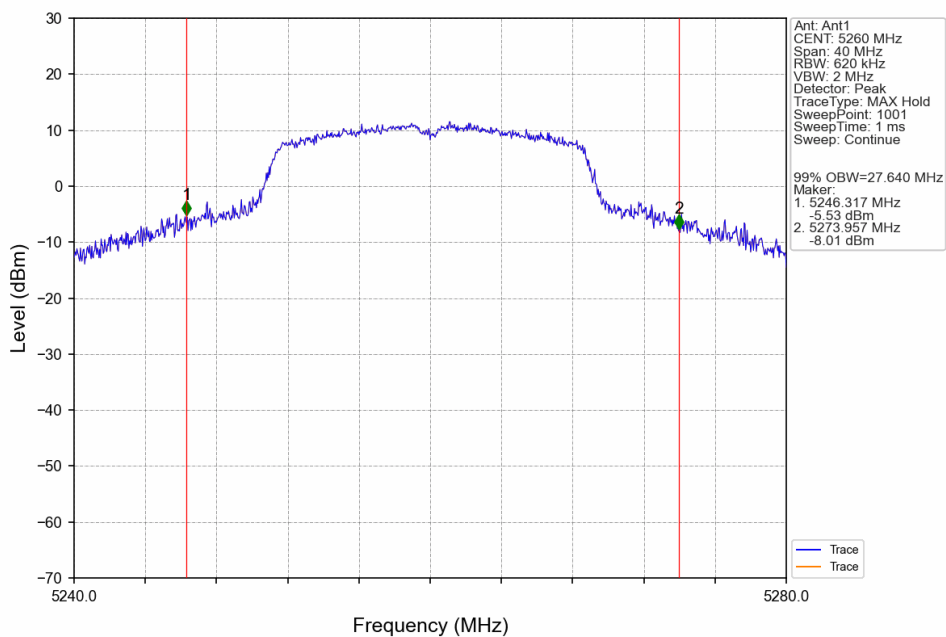
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



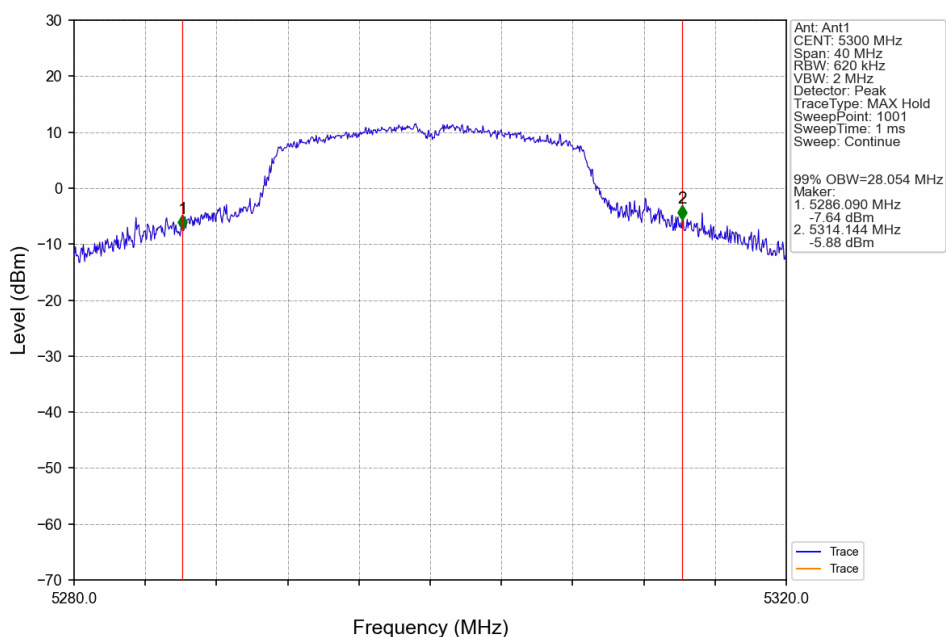
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



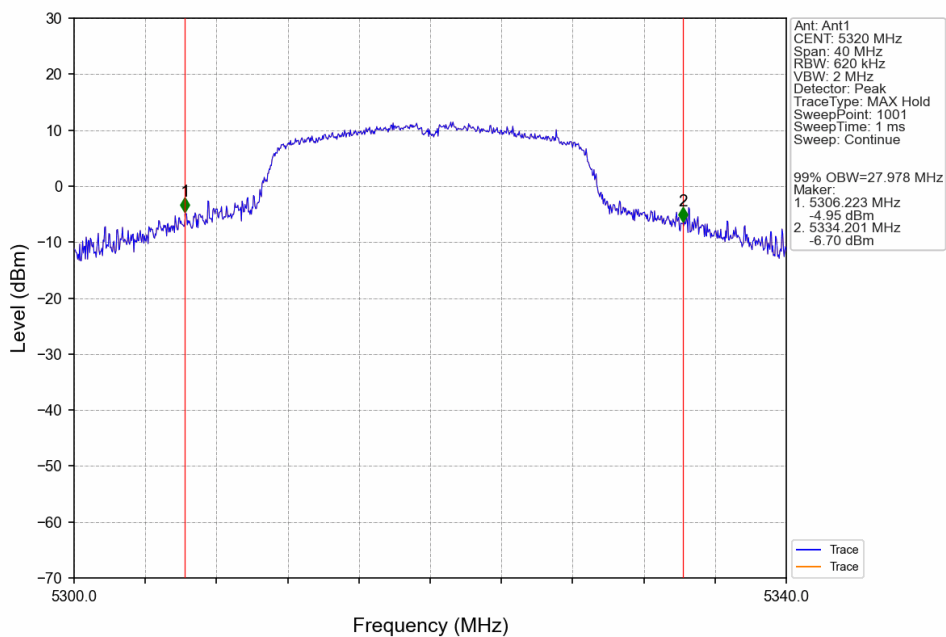
802.11ac(VHT20) LCH 5260MHz Ant1 NTN



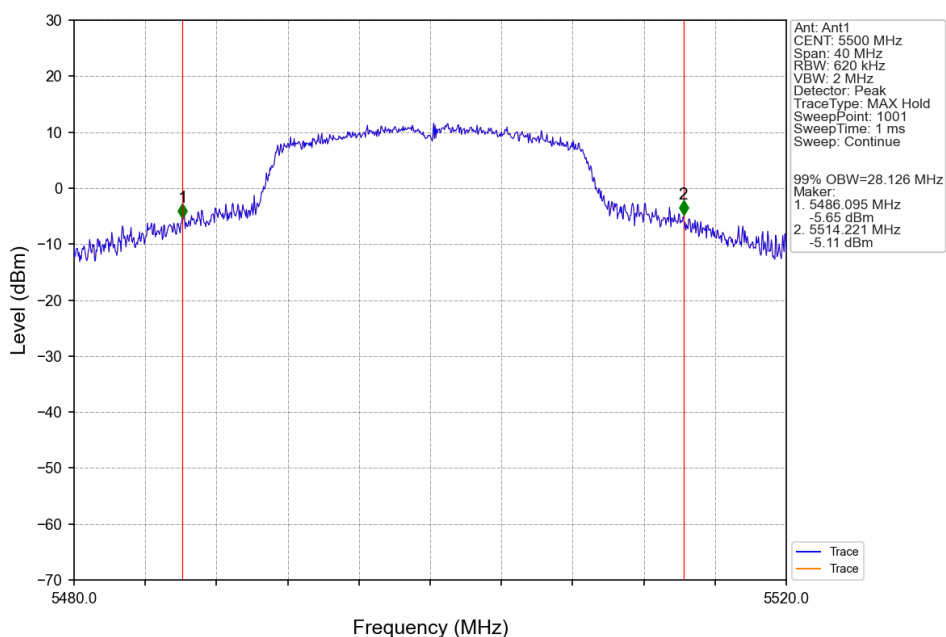
802.11ac(VHT20) MCH 5300MHz Ant1 NTN



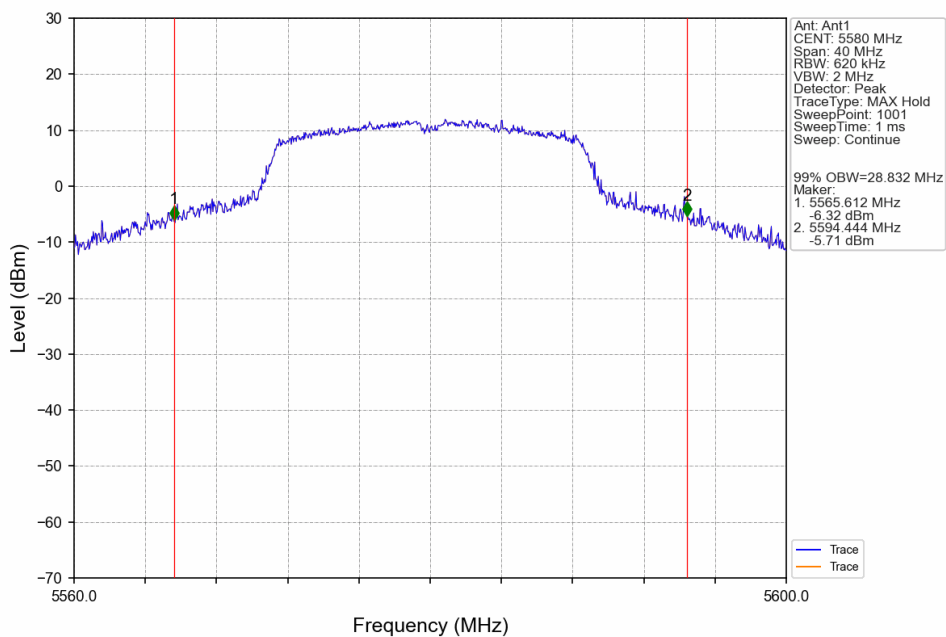
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



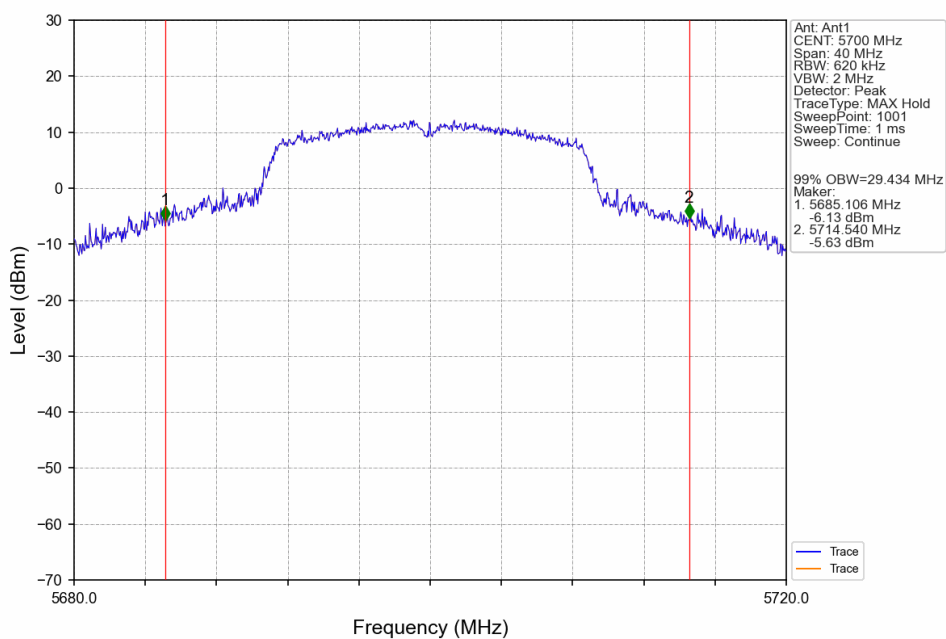
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



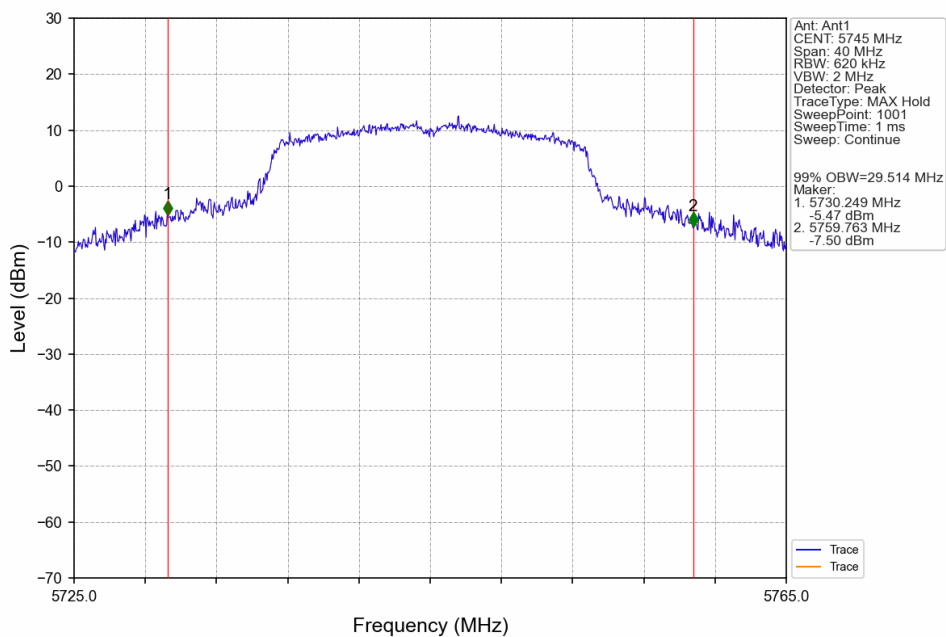
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



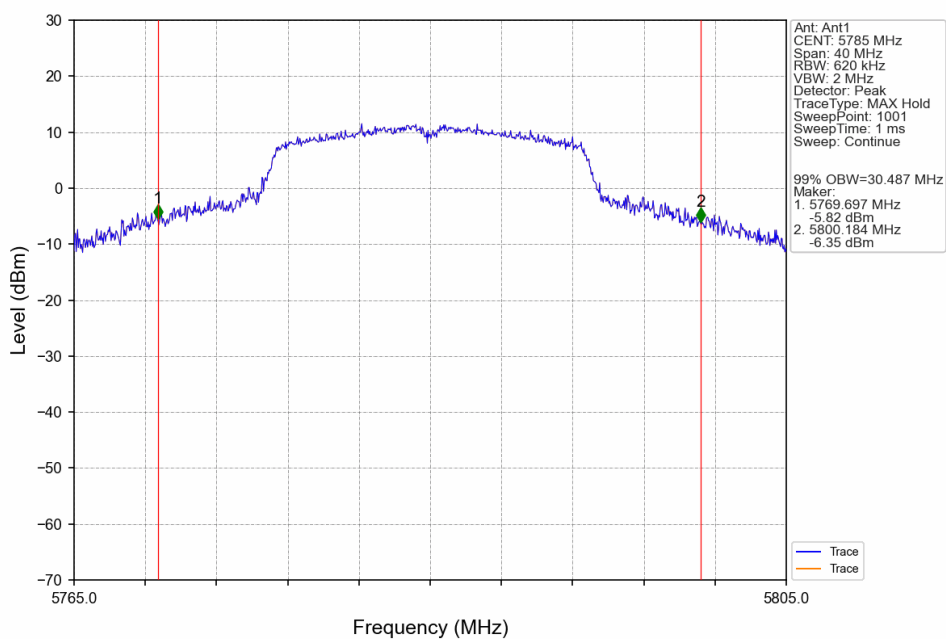
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



802.11ac(VHT20) LCH 5745MHz Ant1 NTN

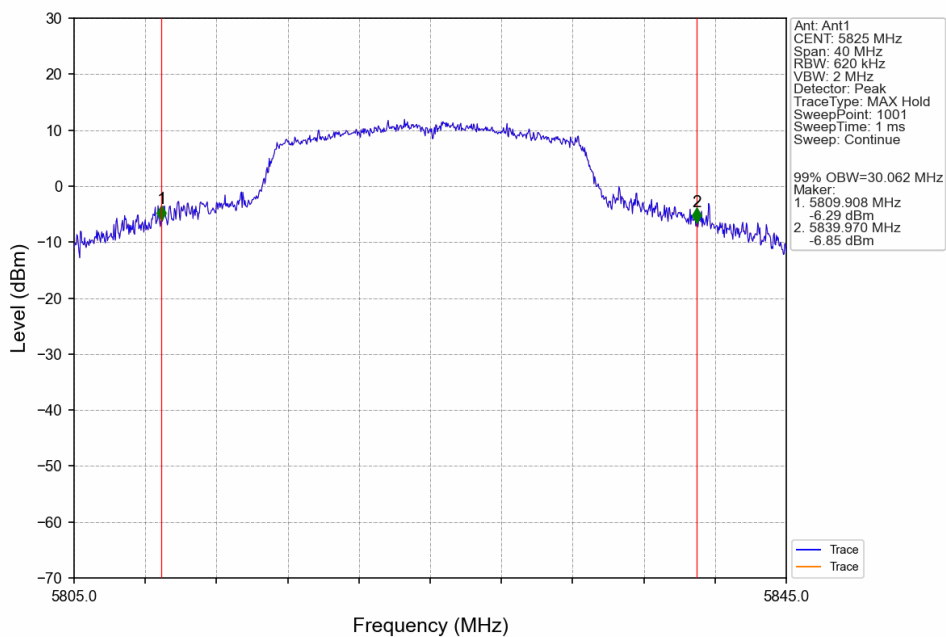


802.11ac(VHT20) MCH 5785MHz Ant1 NTN

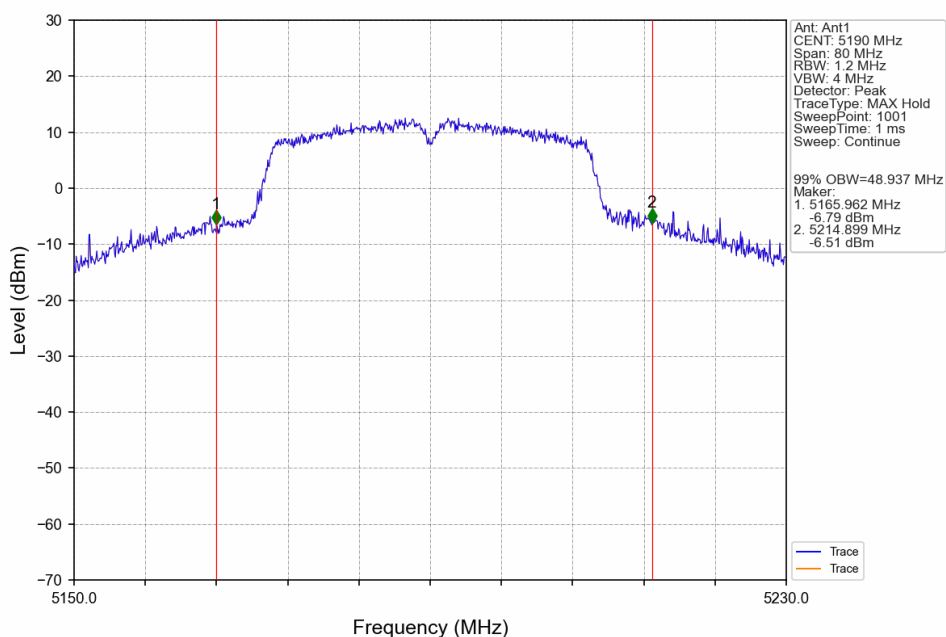




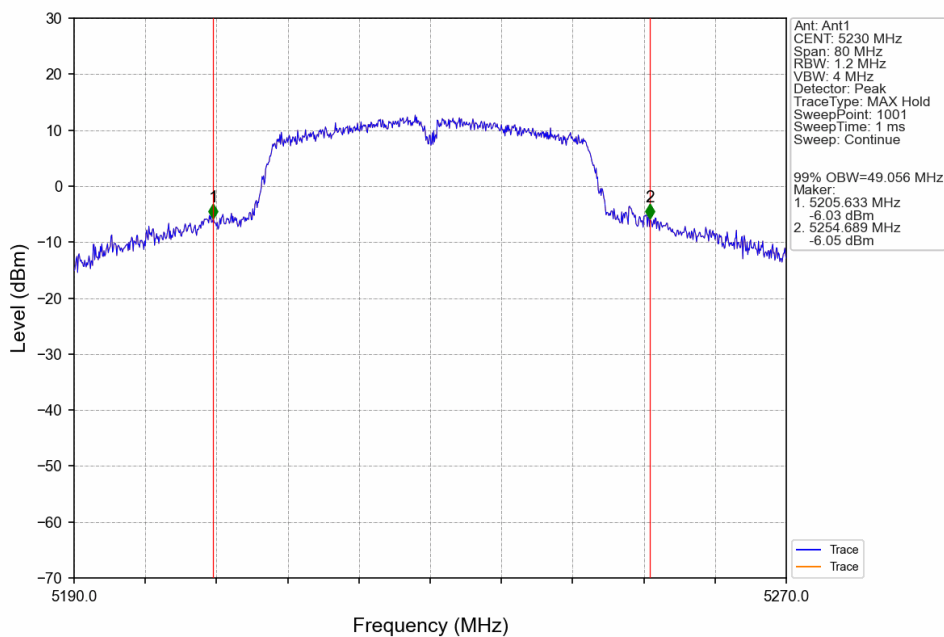
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



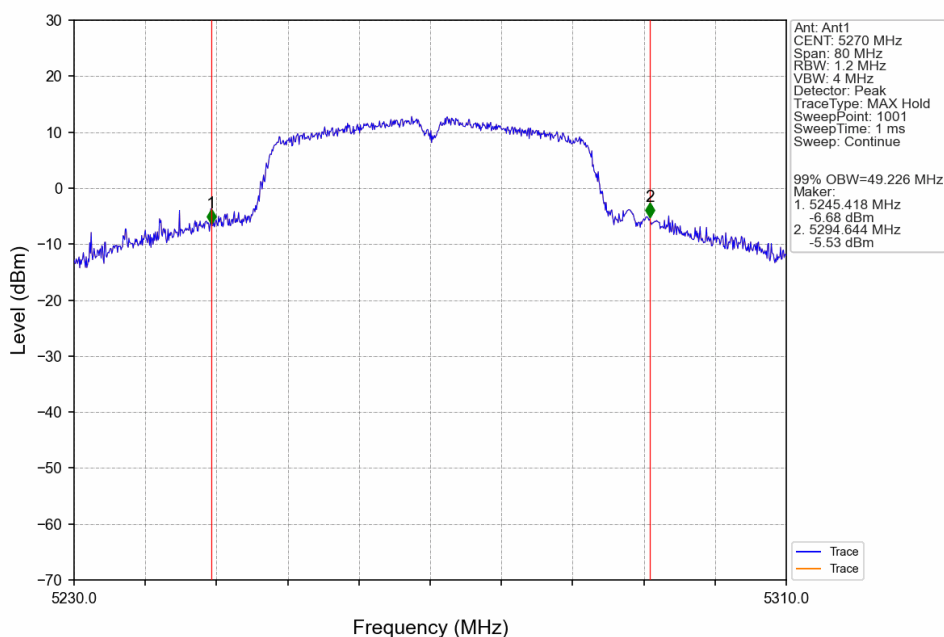
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



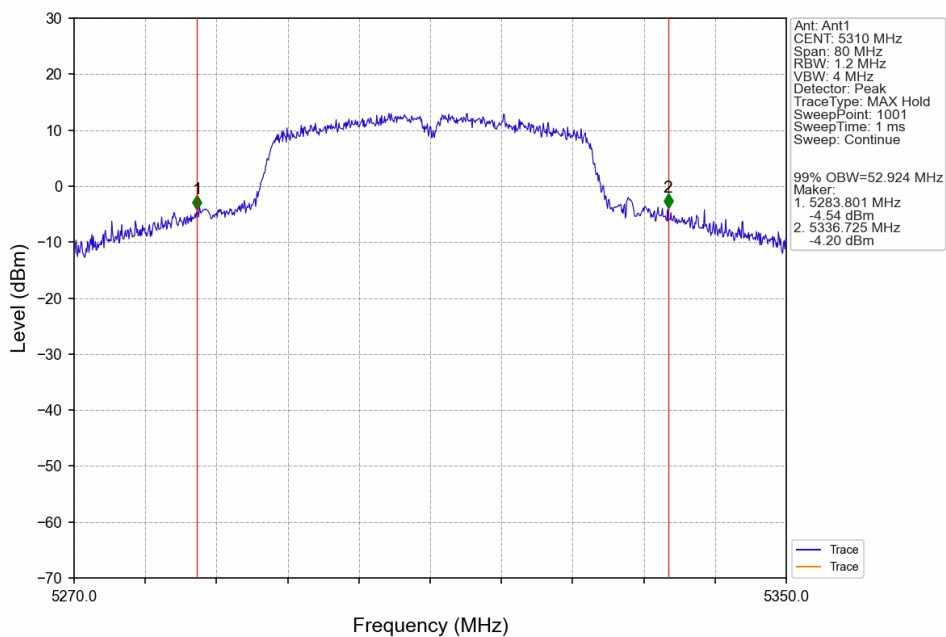
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



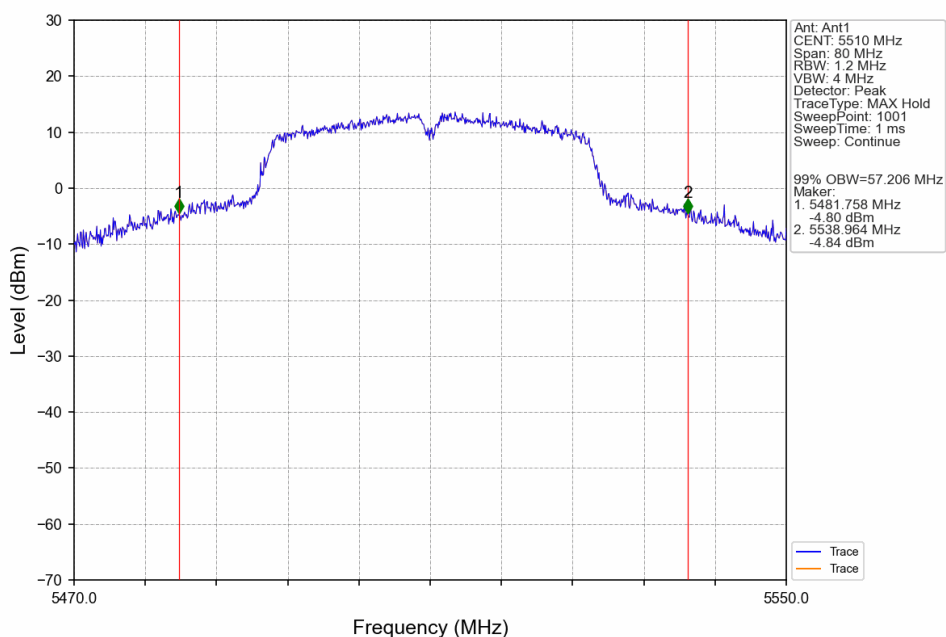
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



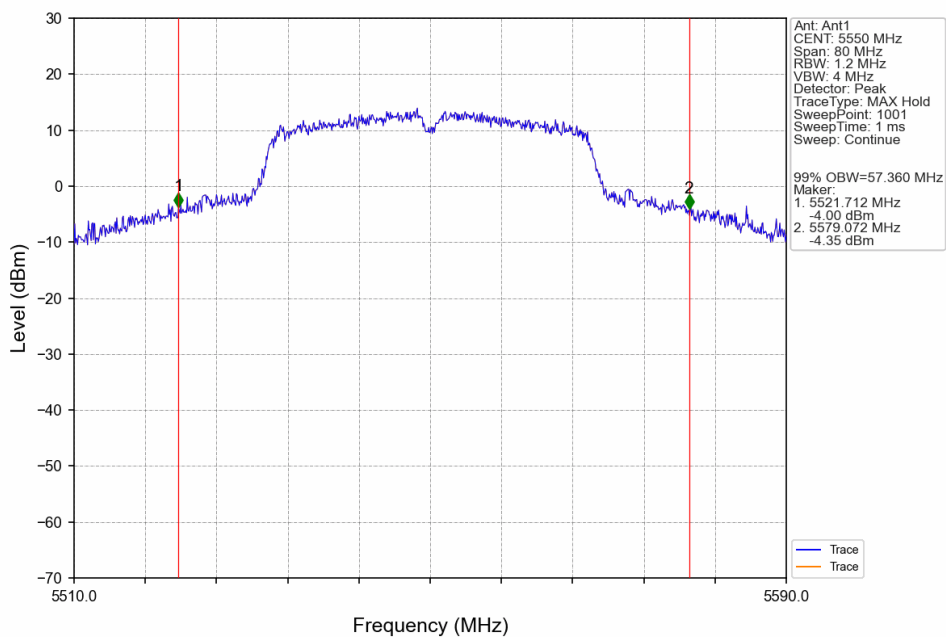
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



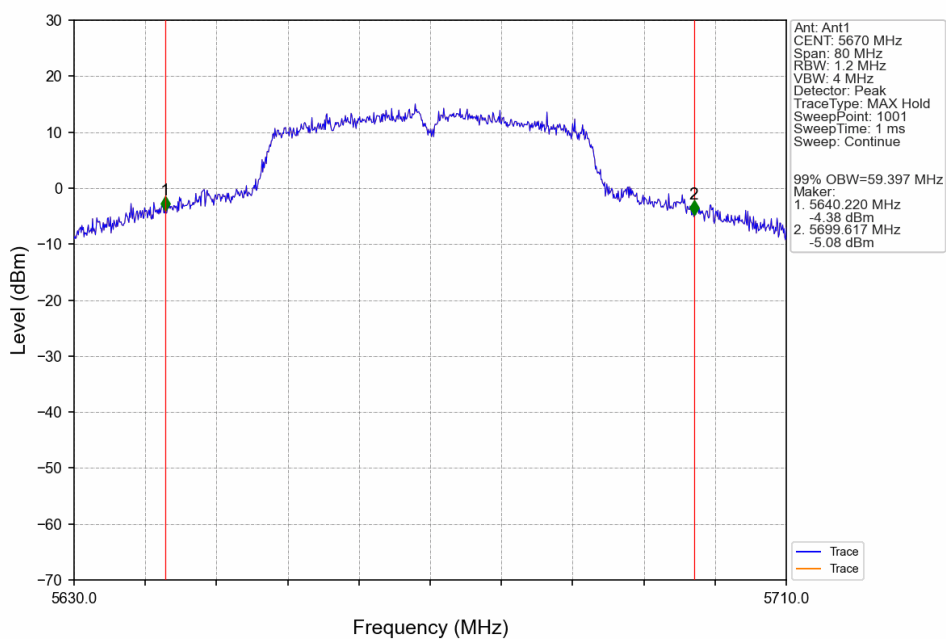
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



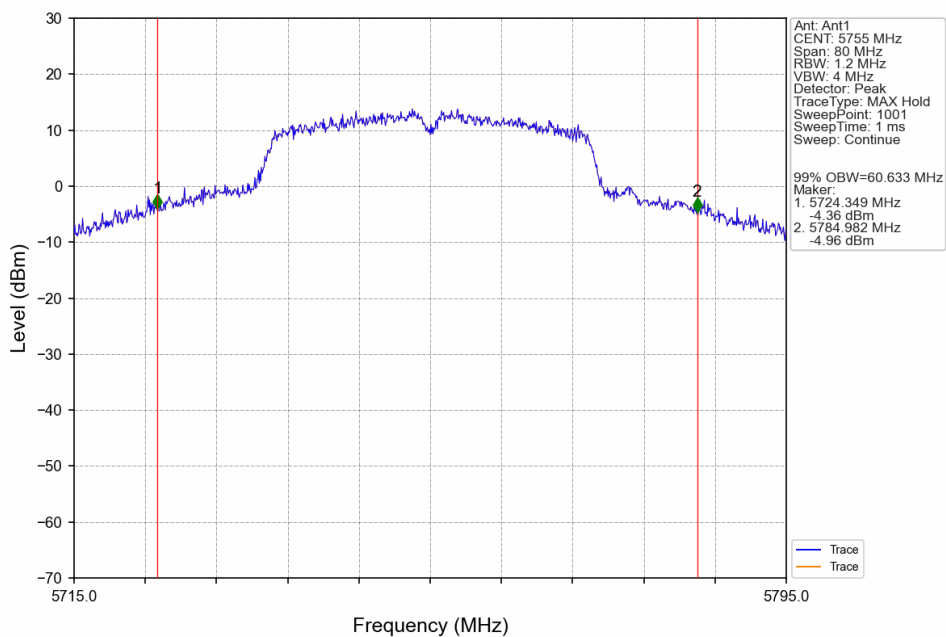
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



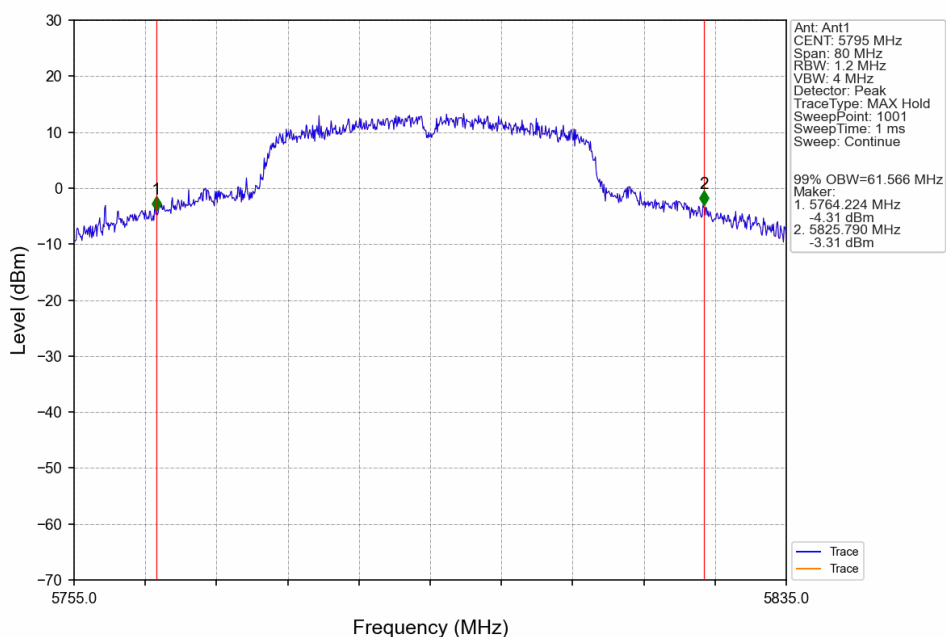
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



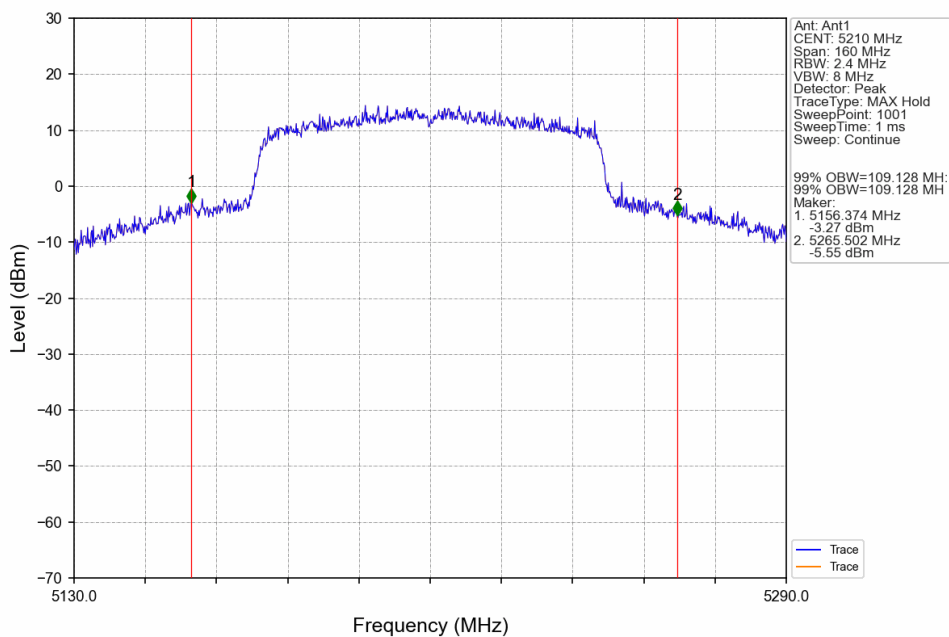
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



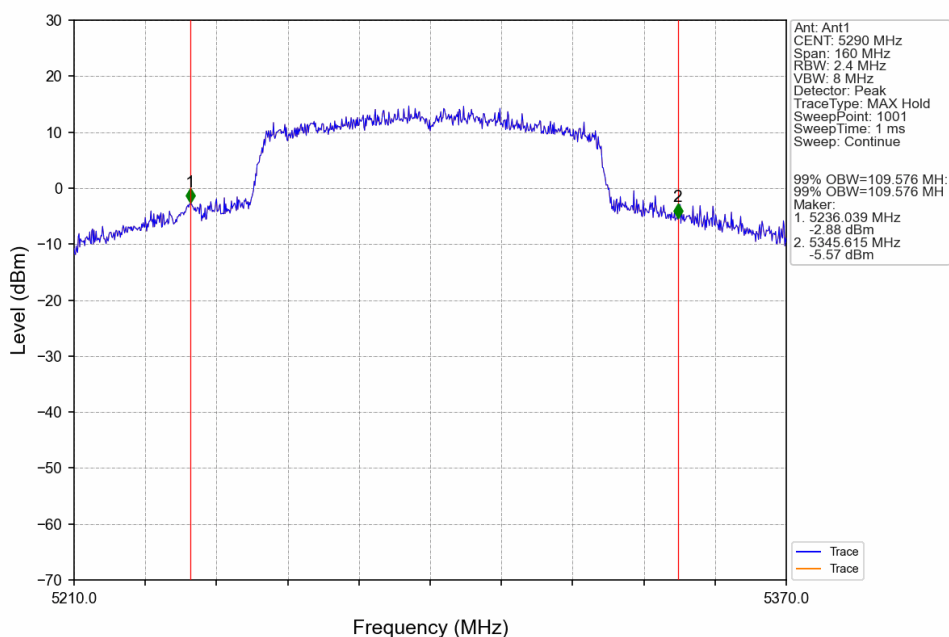
802.11ac(VHT40) HCH 5795MHz Ant1 NTN



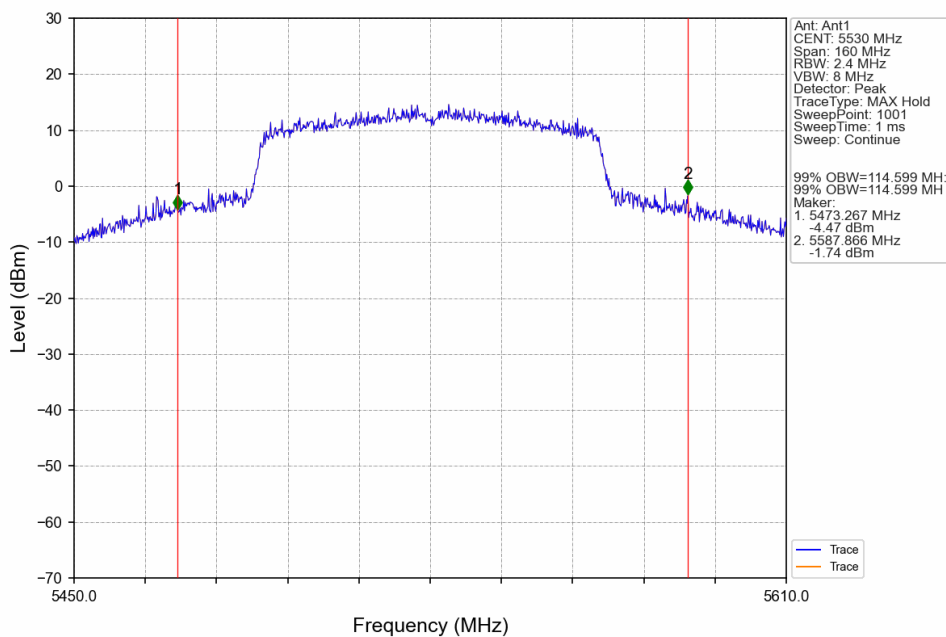
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



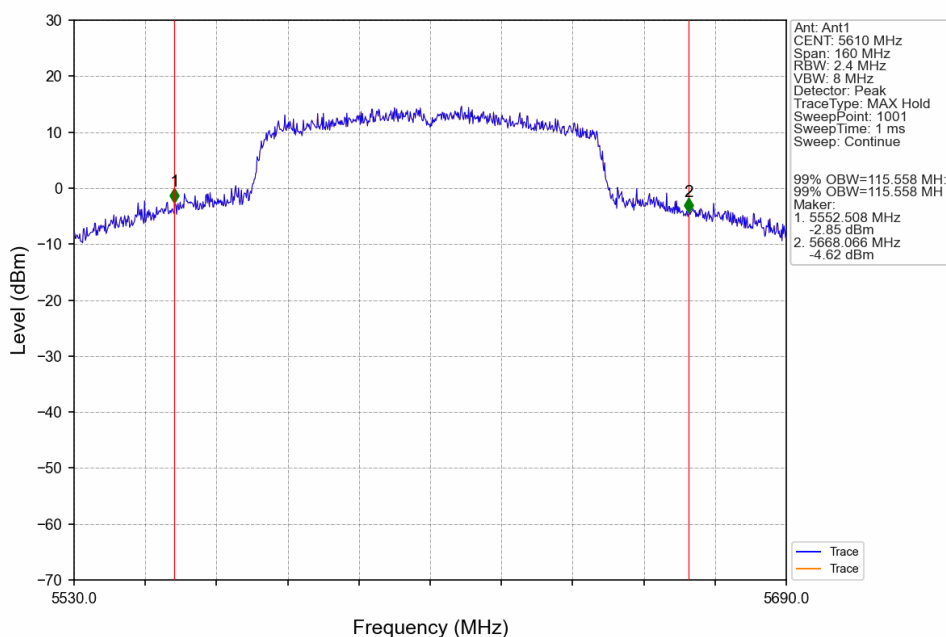
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV

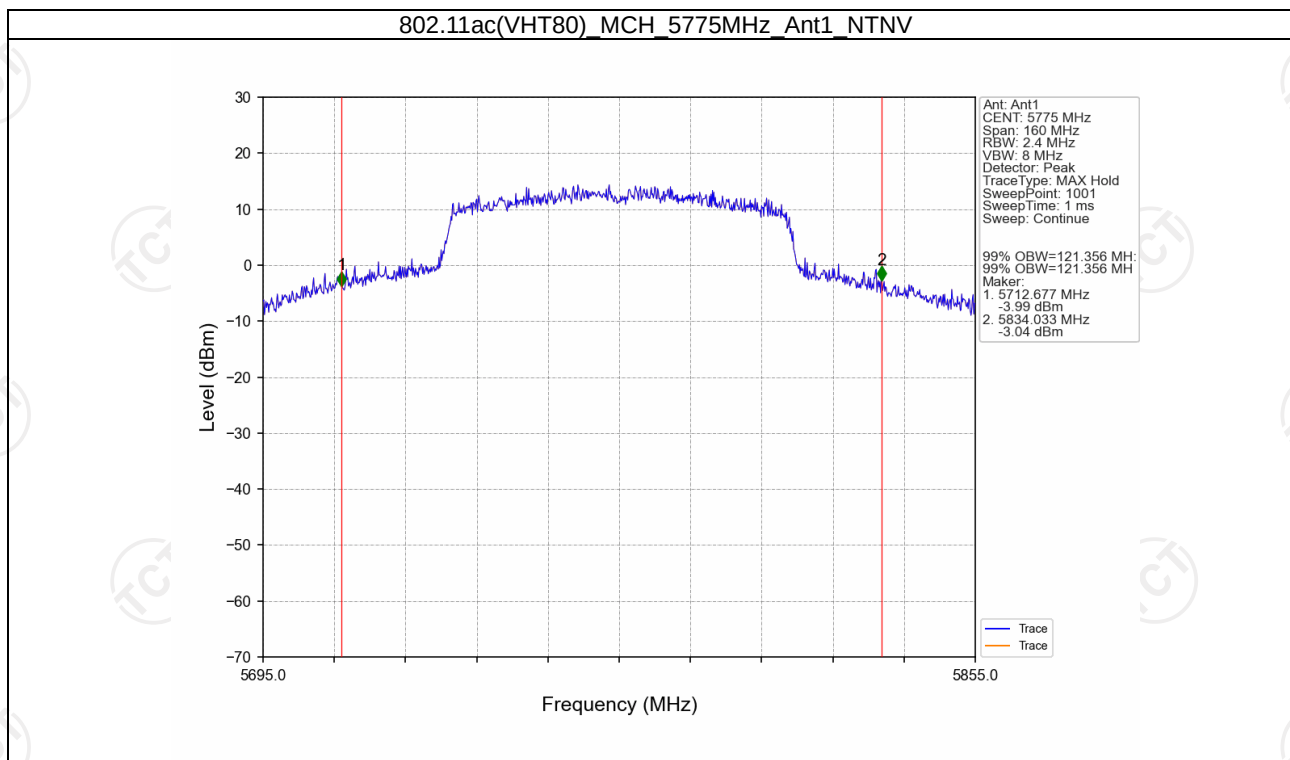


802.11ac(VHT80) LCH 5530MHz Ant1 NTN



802.11ac(VHT80) HCH 5610MHz Ant1 NTN

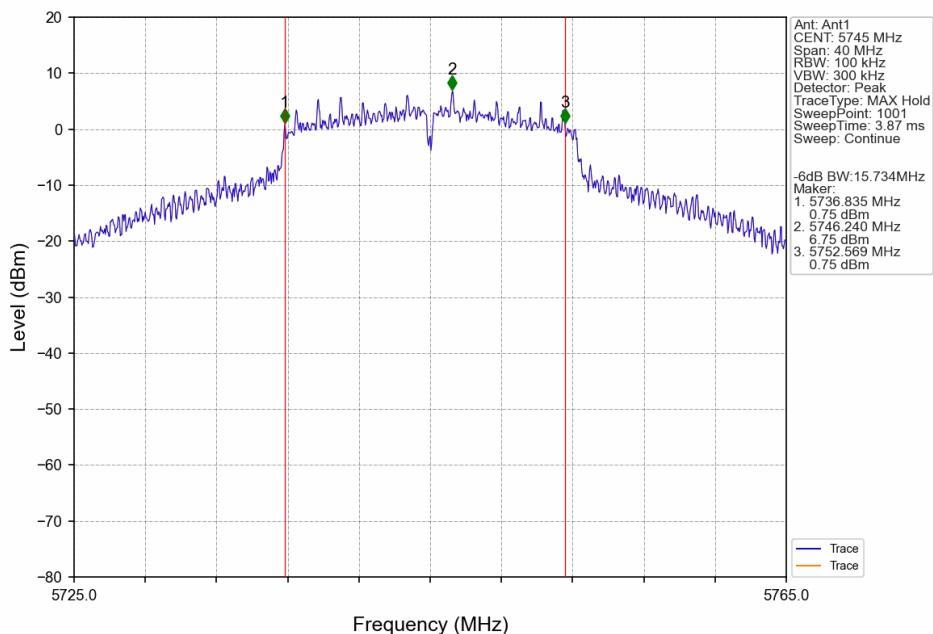




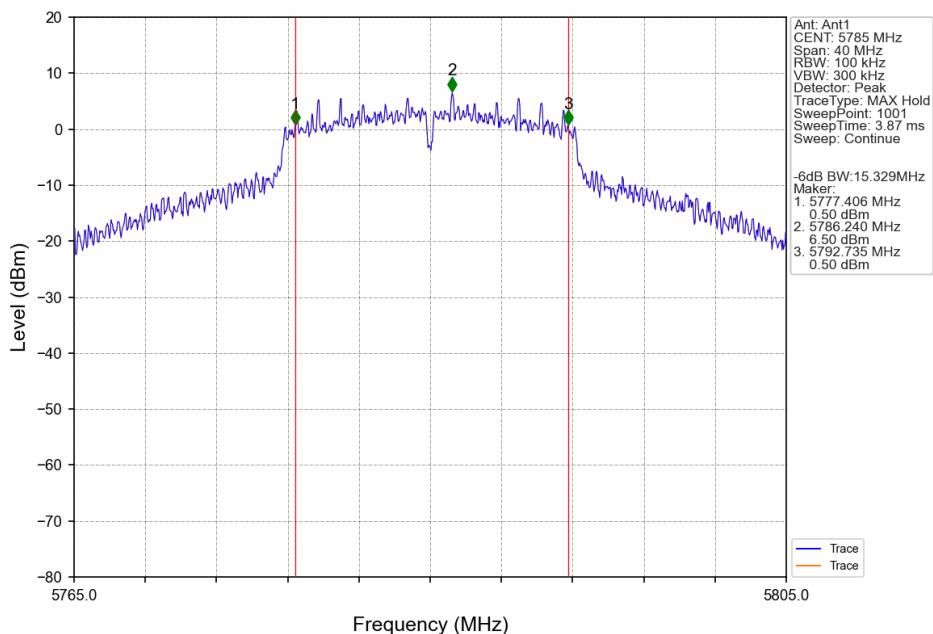


## 2.2.2 6dB BW

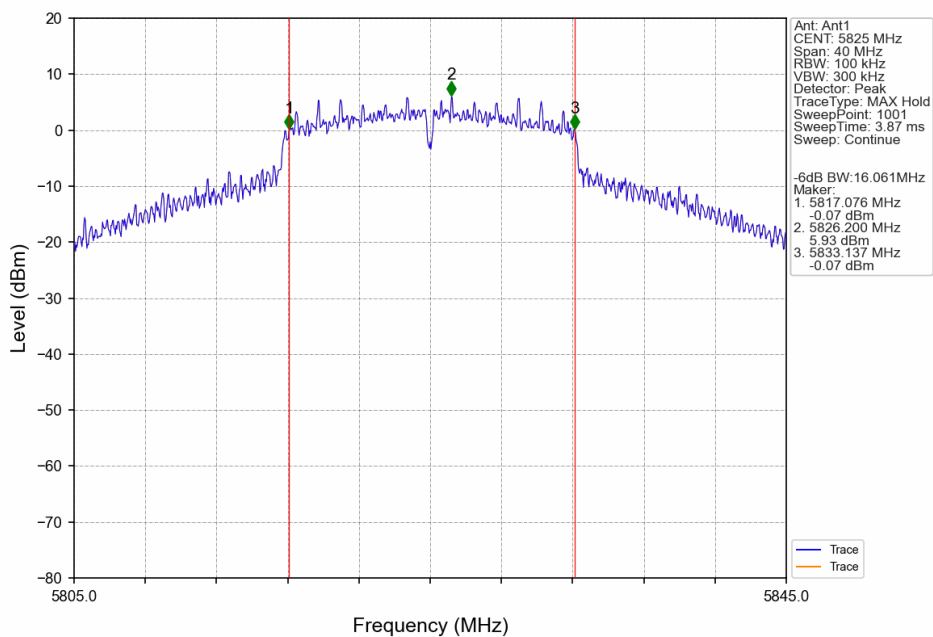
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



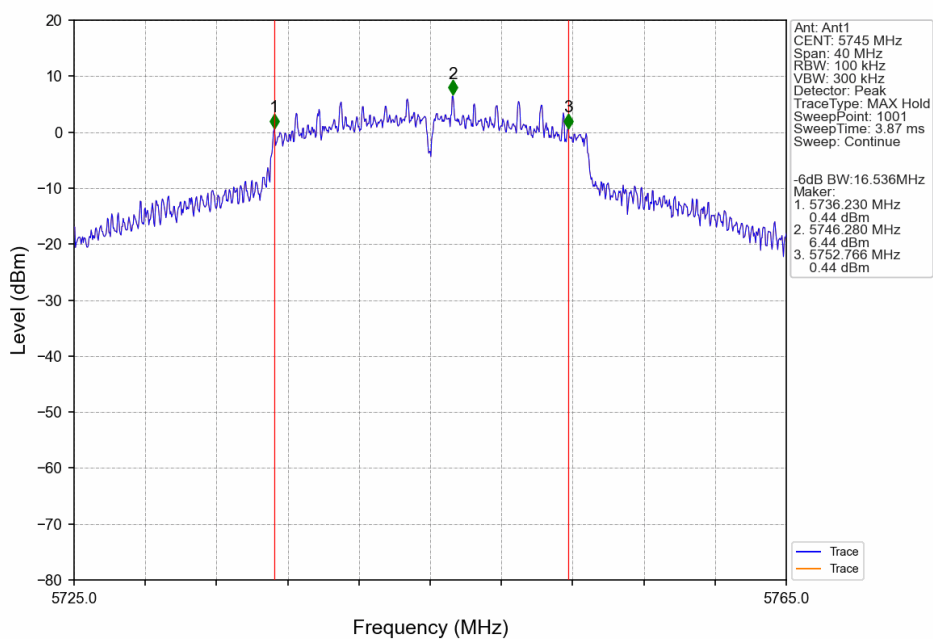
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



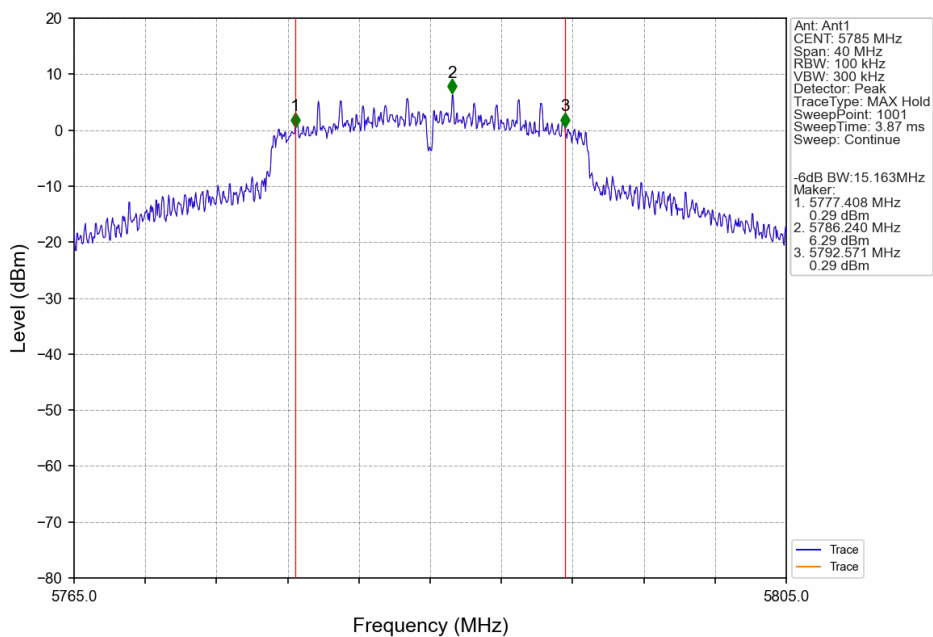
802.11a HCH 5825MHz Ant1 NTN



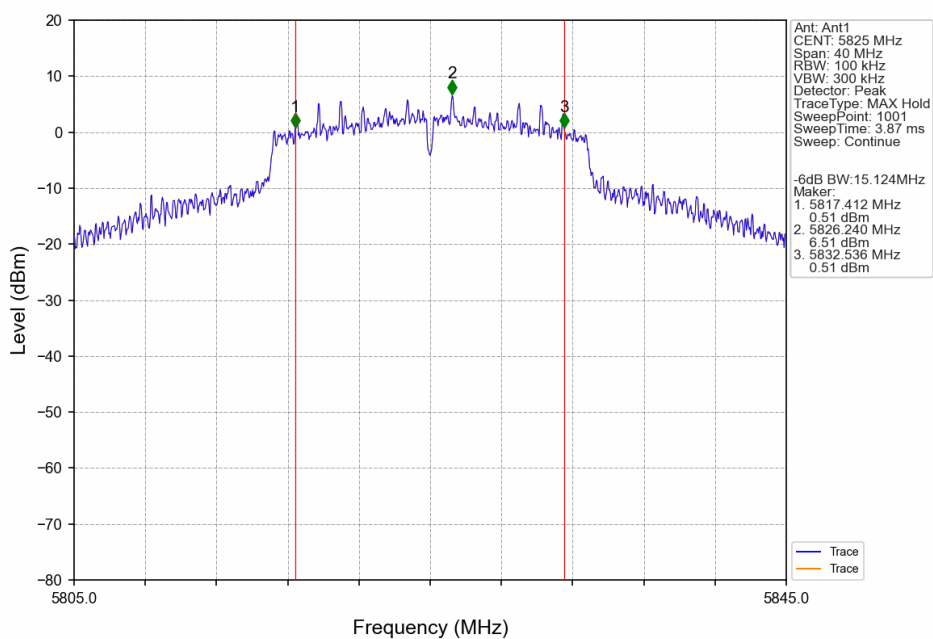
802.11n(HT20) LCH 5745MHz Ant1 NTN



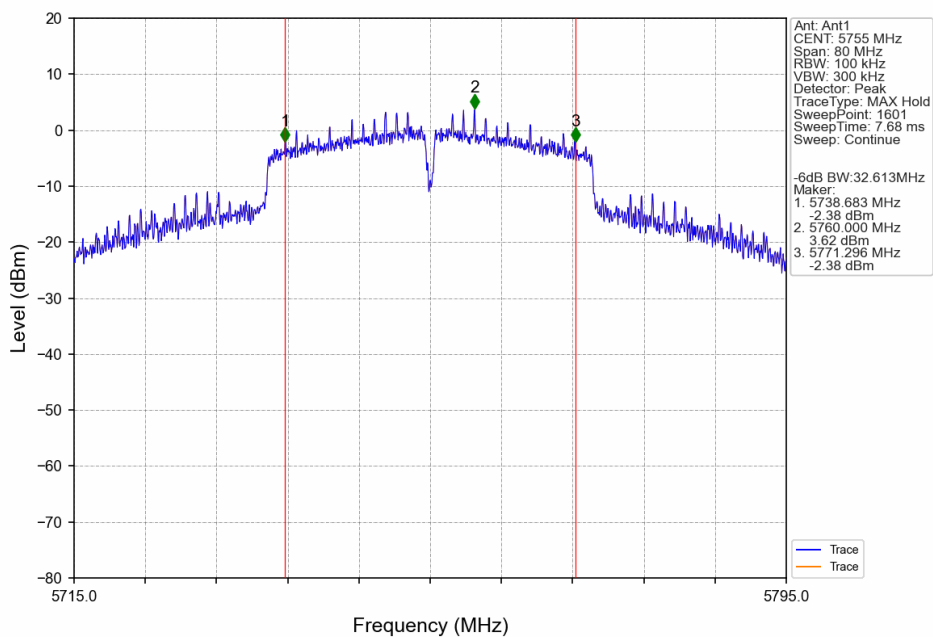
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



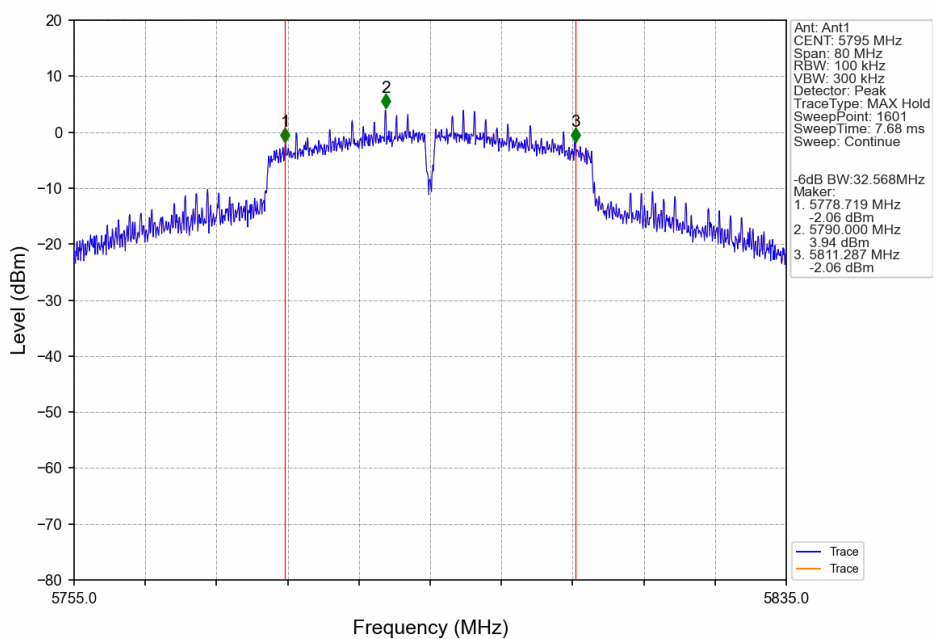
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



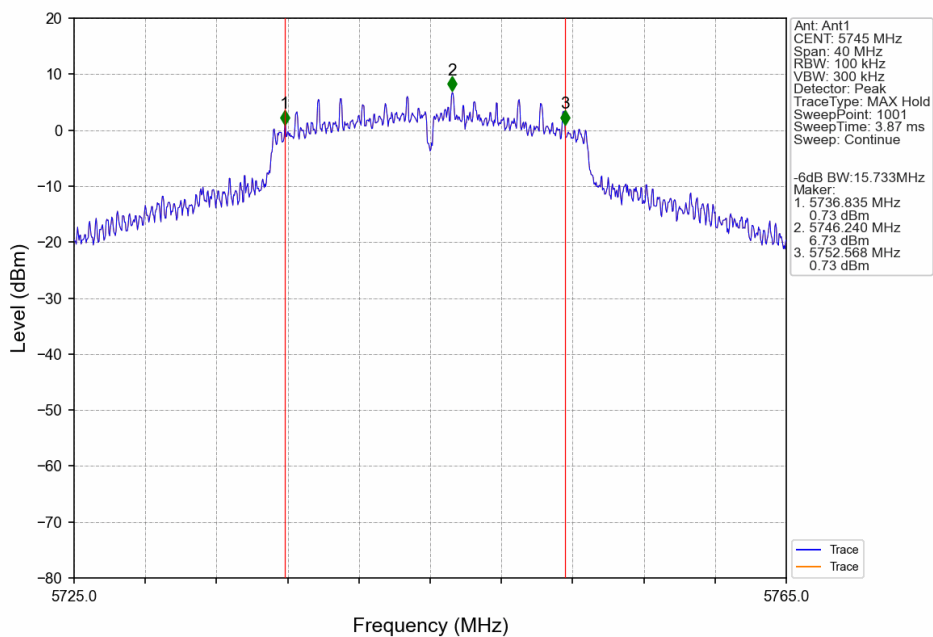
802.11n(HT40) LCH 5755MHz Ant1 NTN



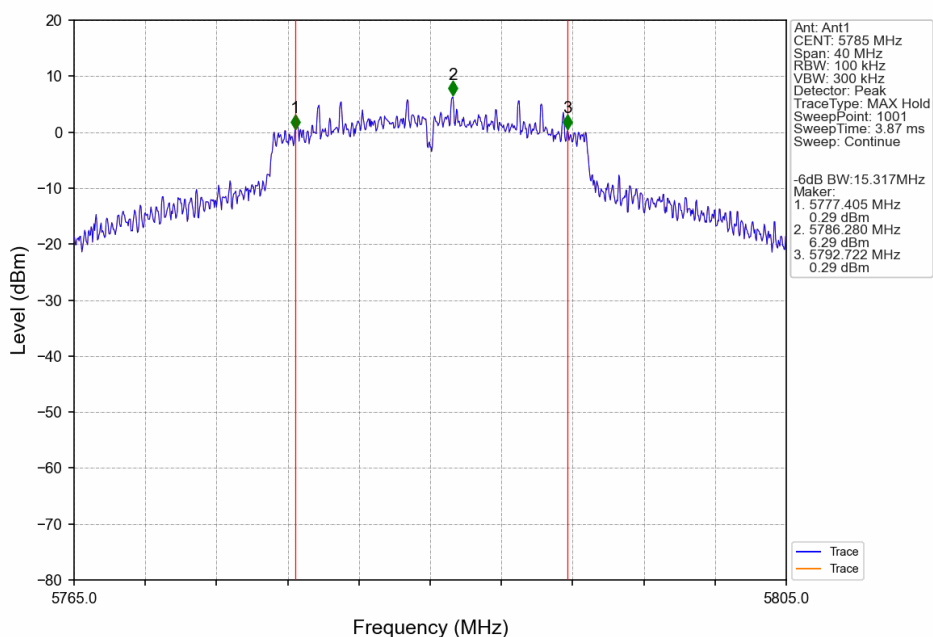
802.11n(HT40) HCH 5795MHz Ant1 NTN



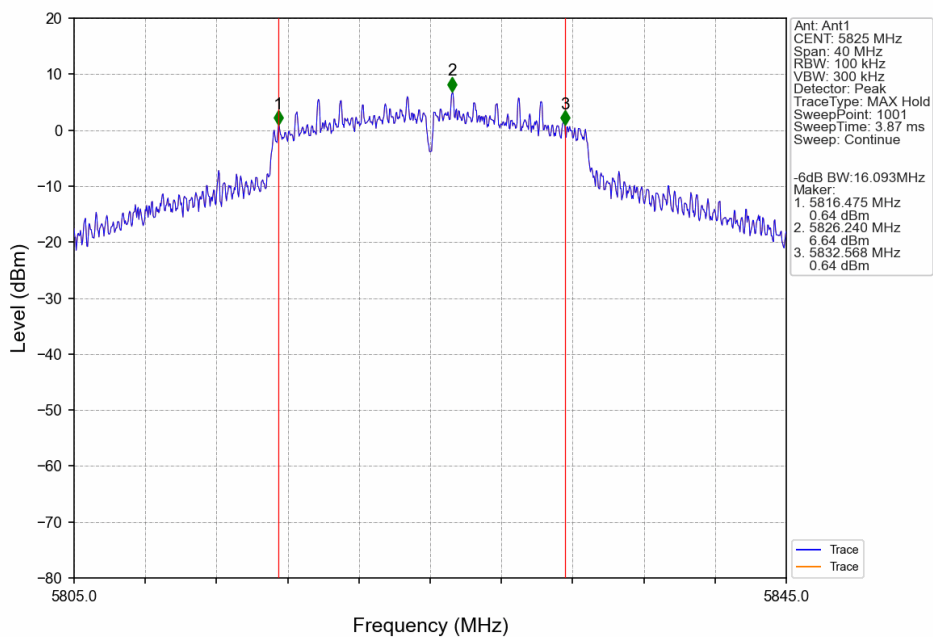
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



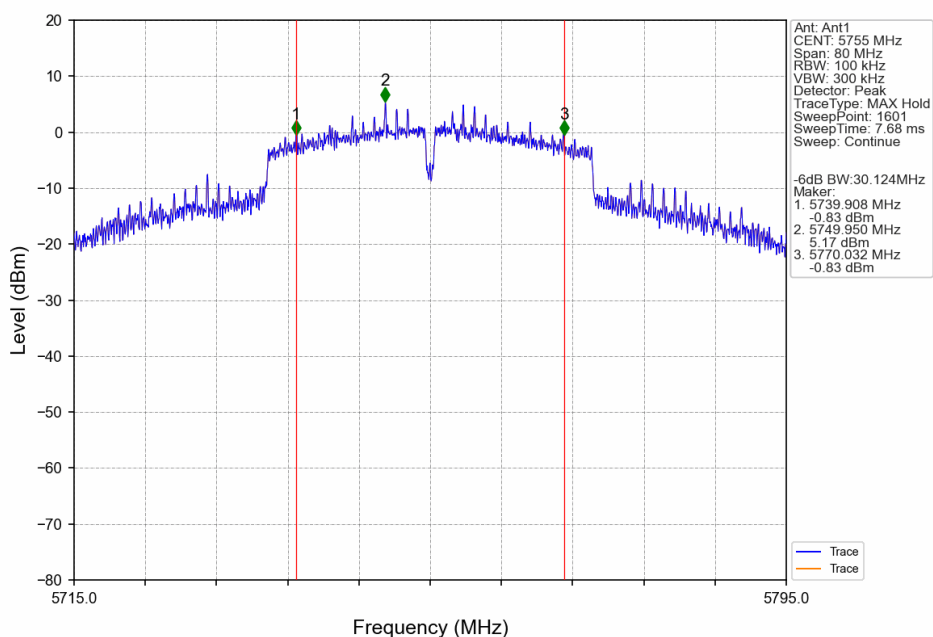
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



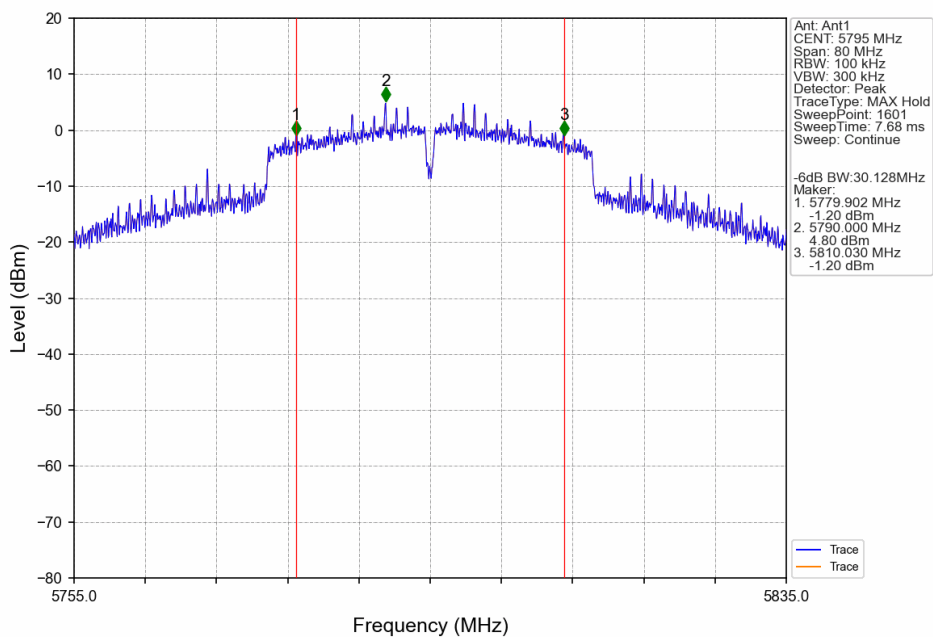
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



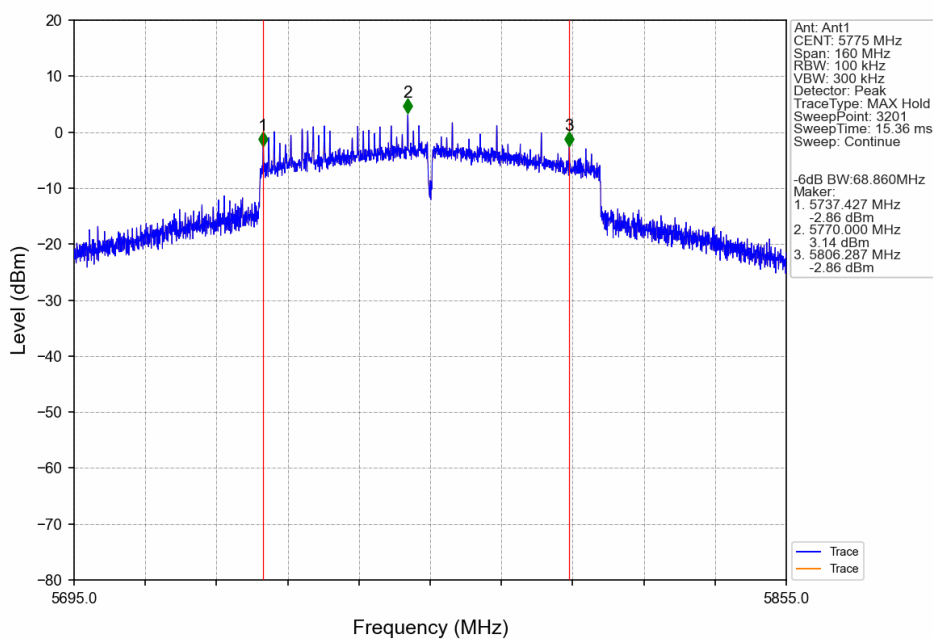
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV

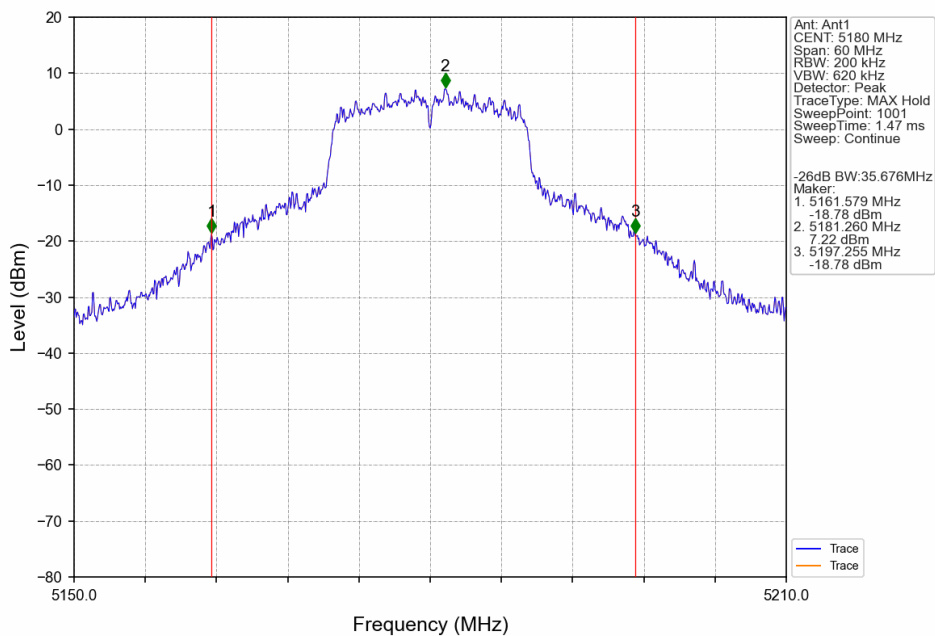


802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV

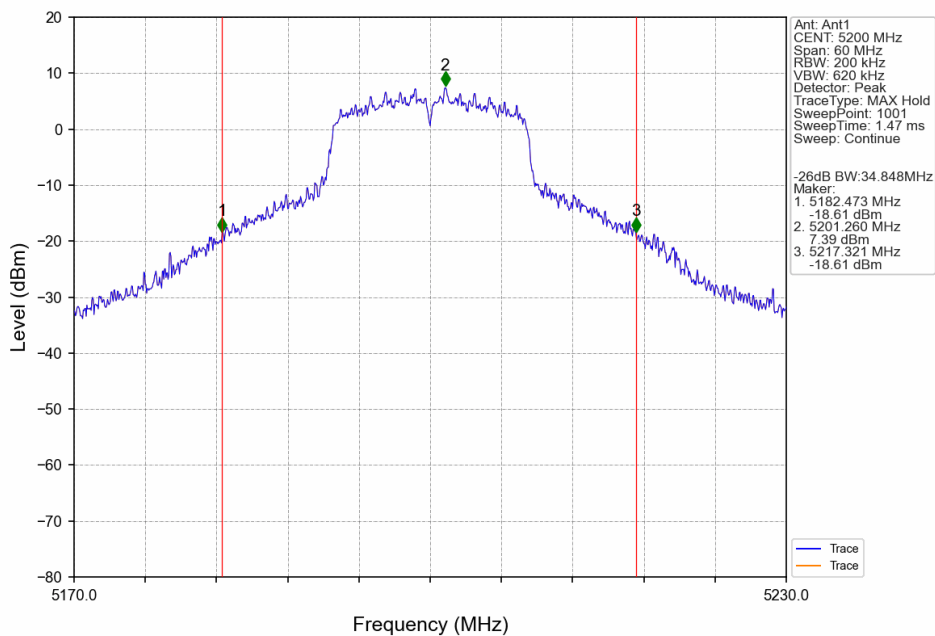


## 2.2.3 26dB BW

802.11a\_LCH\_5180MHz\_Ant1\_NTNV

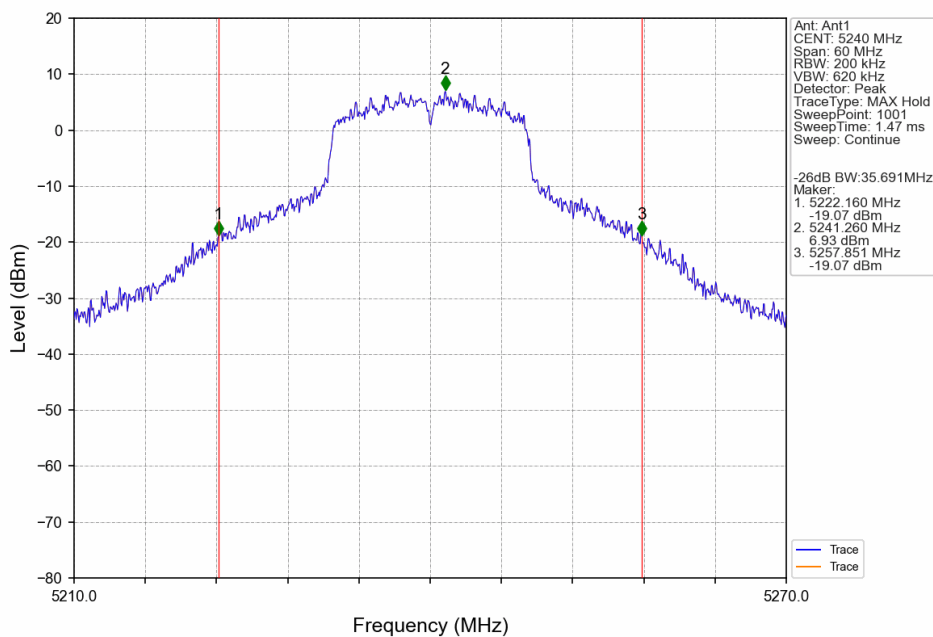


802.11a\_MCH\_5200MHz\_Ant1\_NTNV

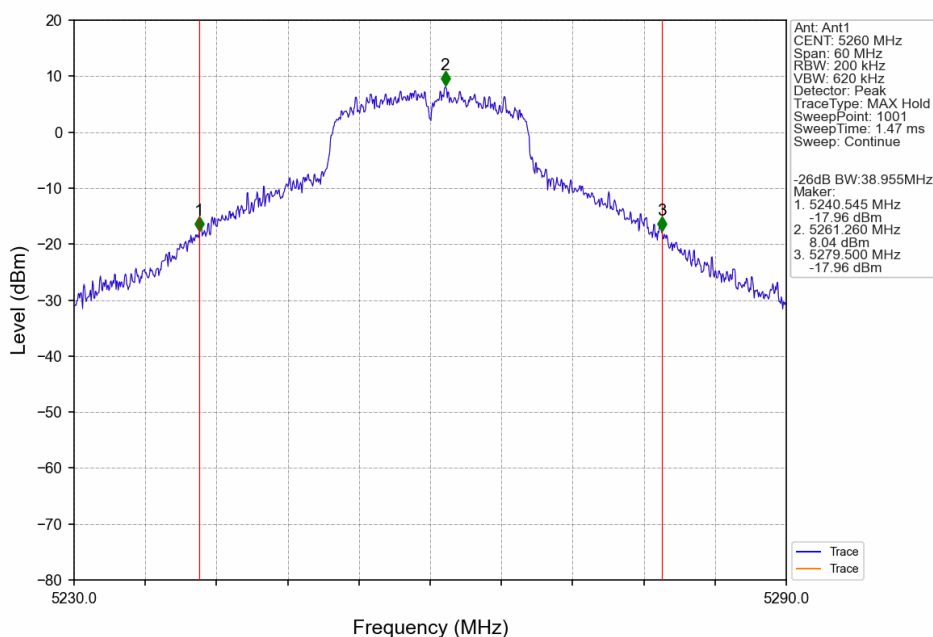




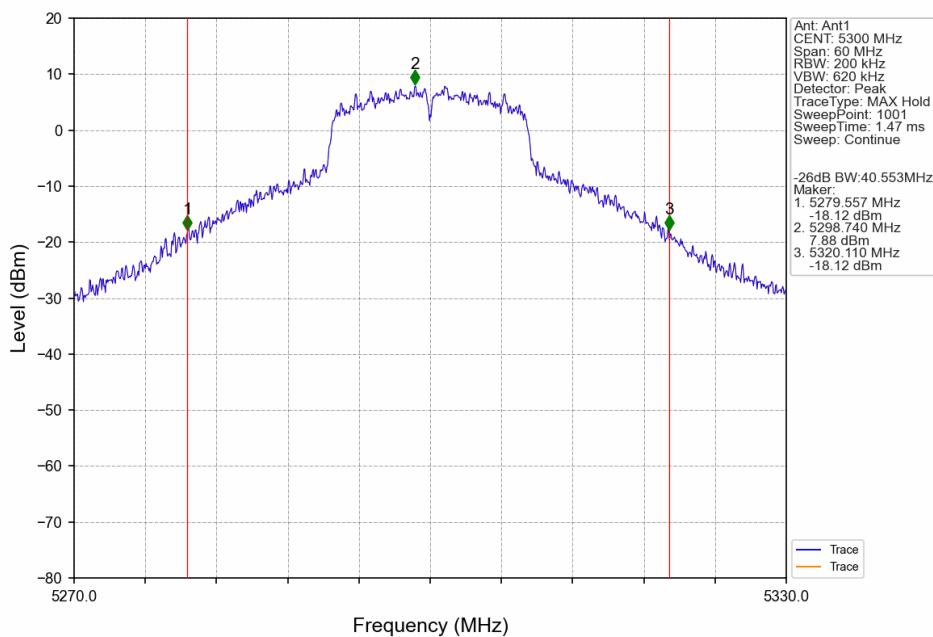
802.11a HCH 5240MHz Ant1 NTN



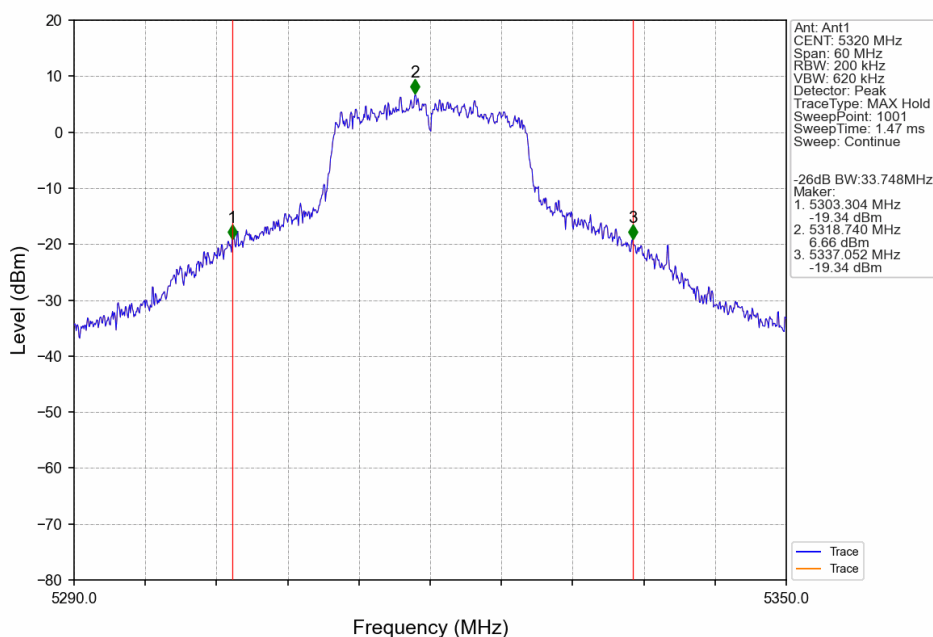
802.11a LCH 5260MHz Ant1 NTN



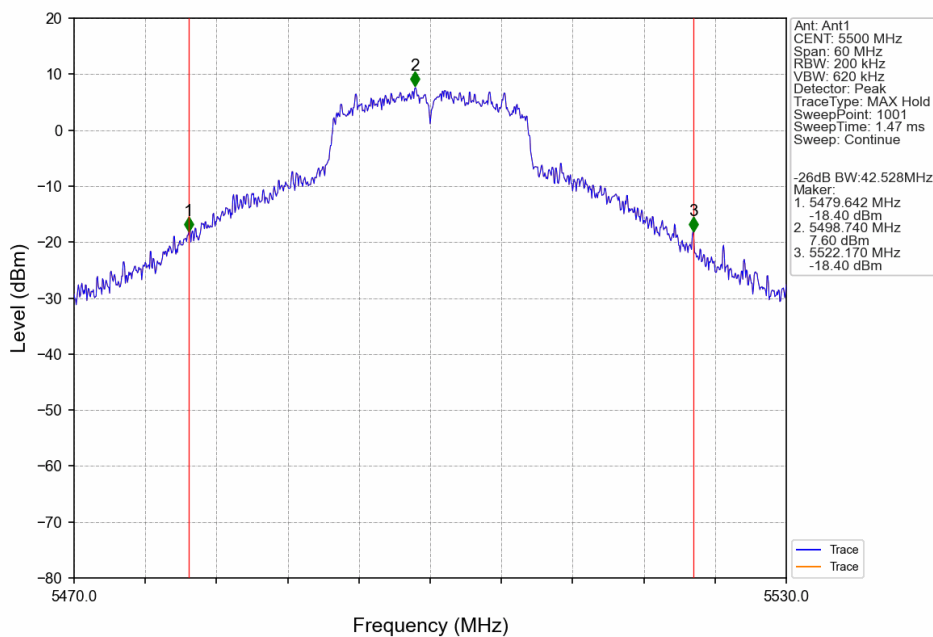
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



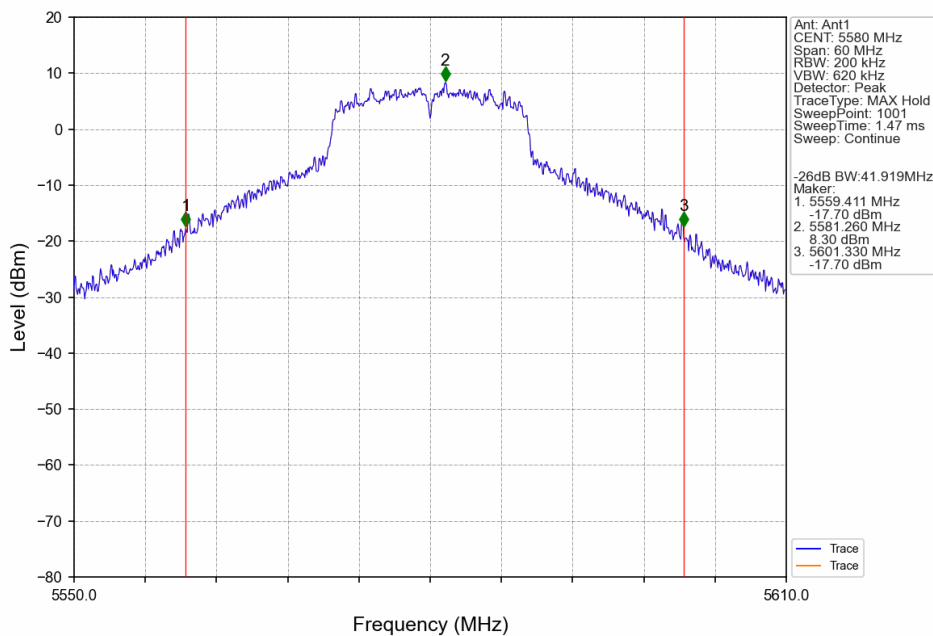
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



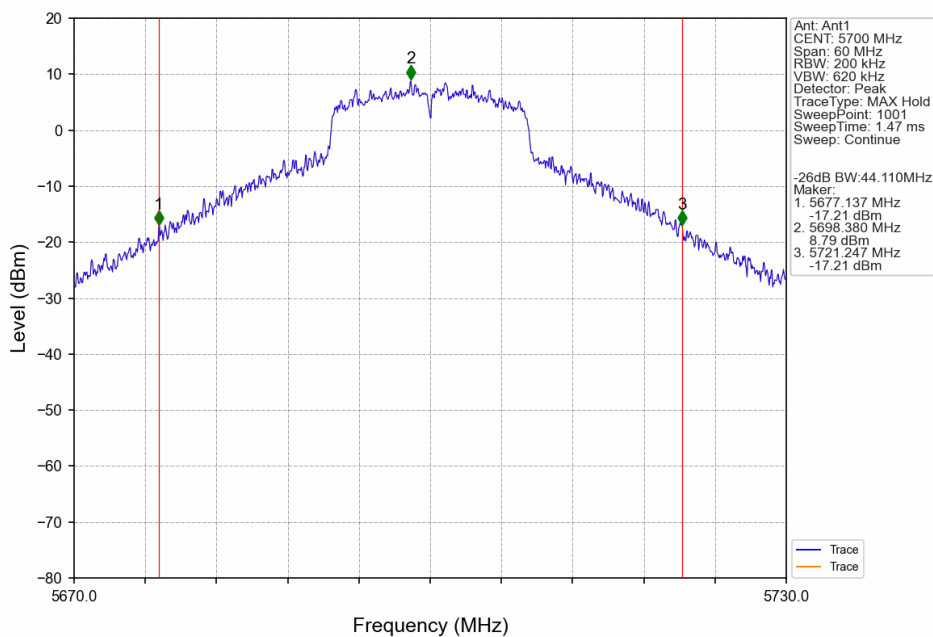
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



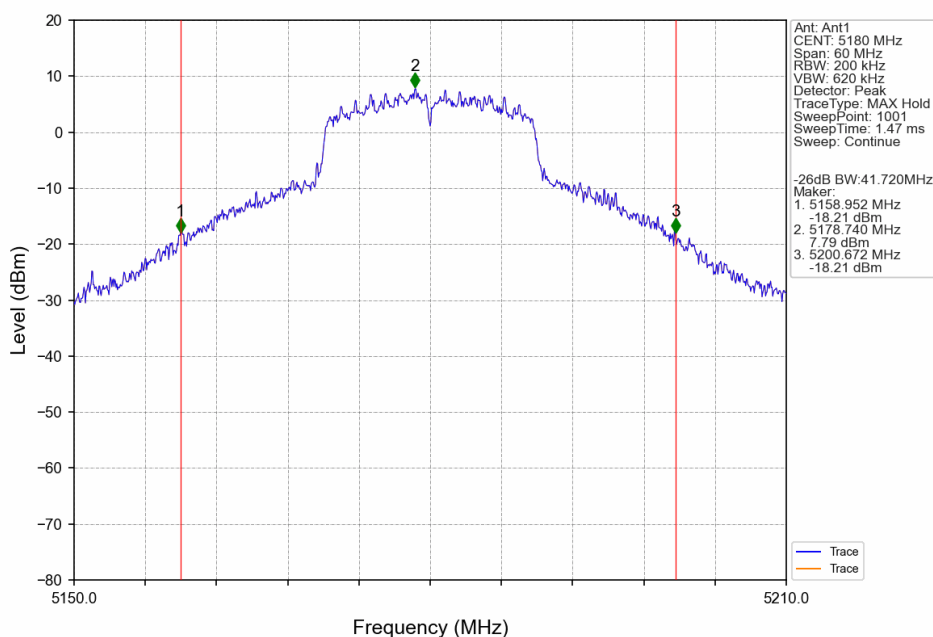
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



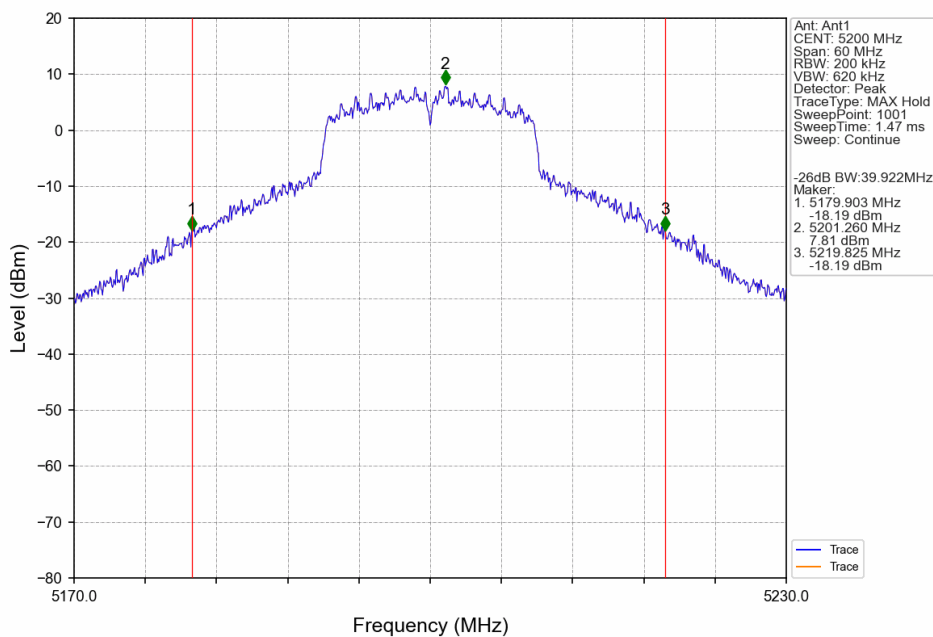
802.11a HCH 5700MHz Ant1 NTN



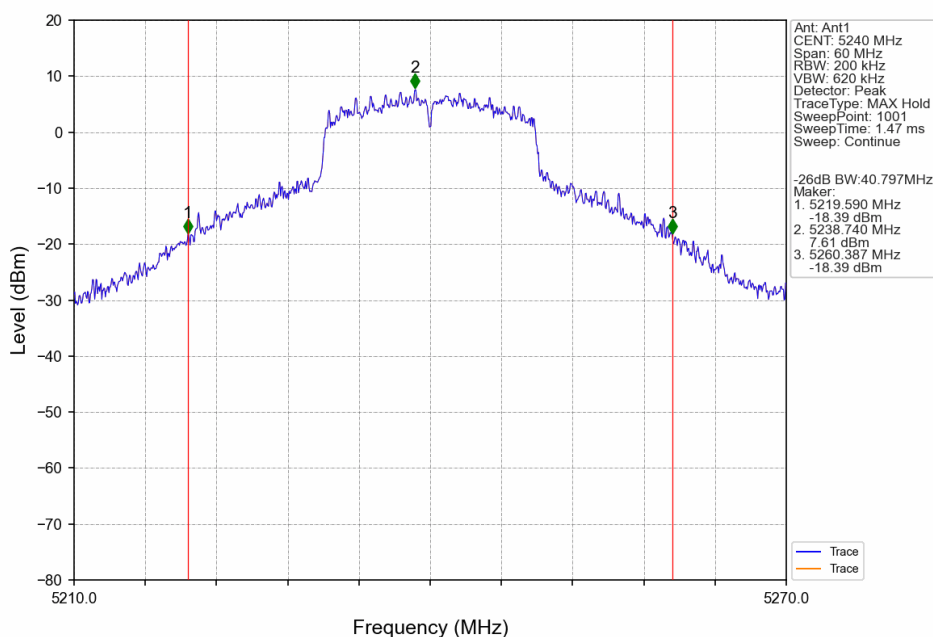
802.11n(HT20) LCH 5180MHz Ant1 NTN



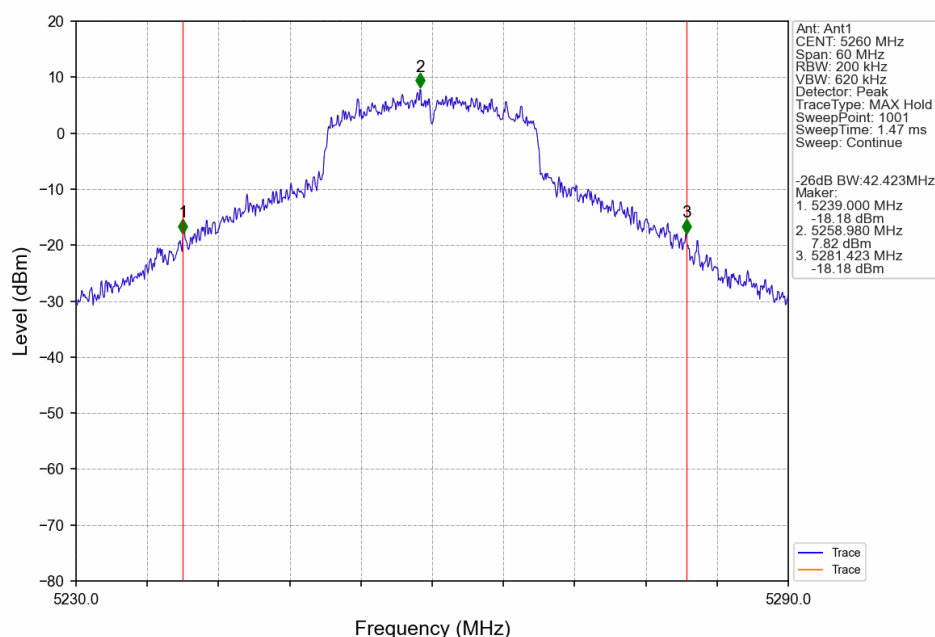
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



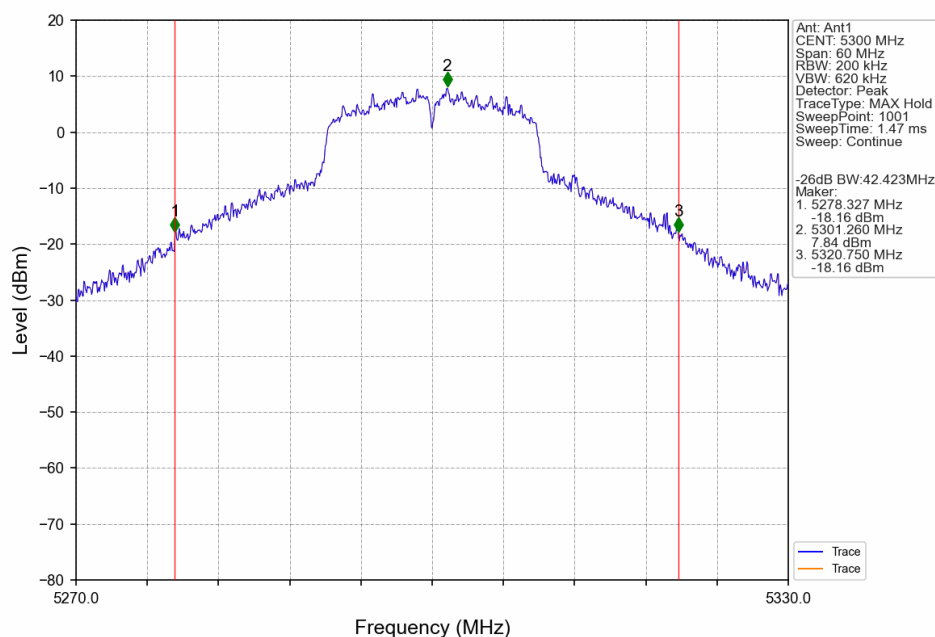
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



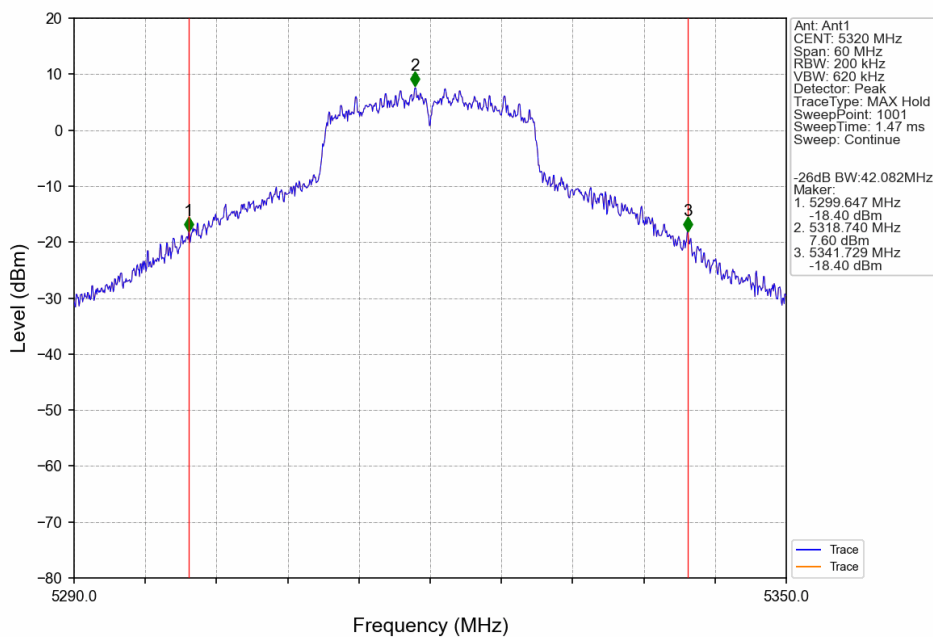
802.11n(HT20) LCH 5260MHz Ant1 NTN



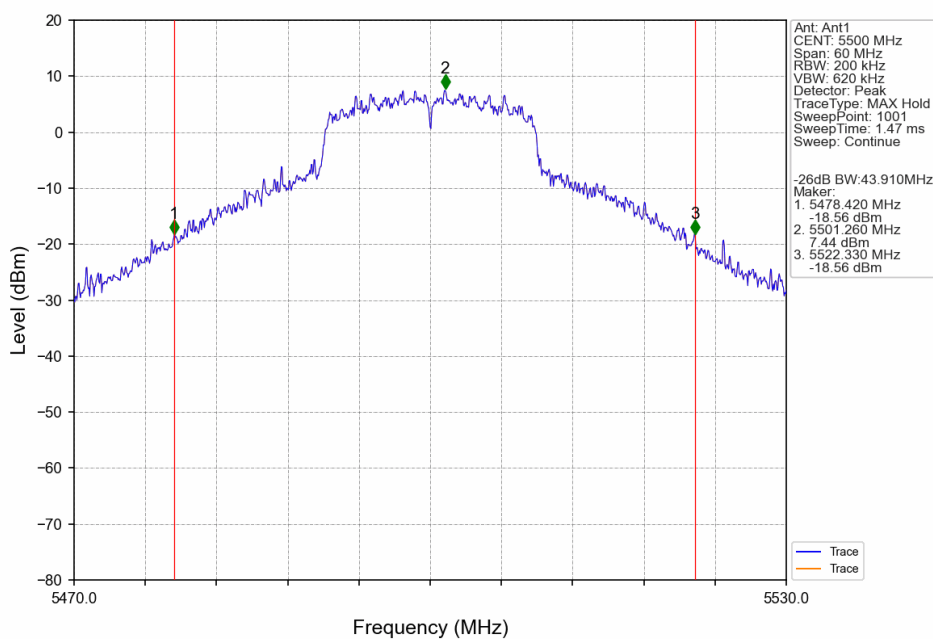
802.11n(HT20) MCH 5300MHz Ant1 NTN



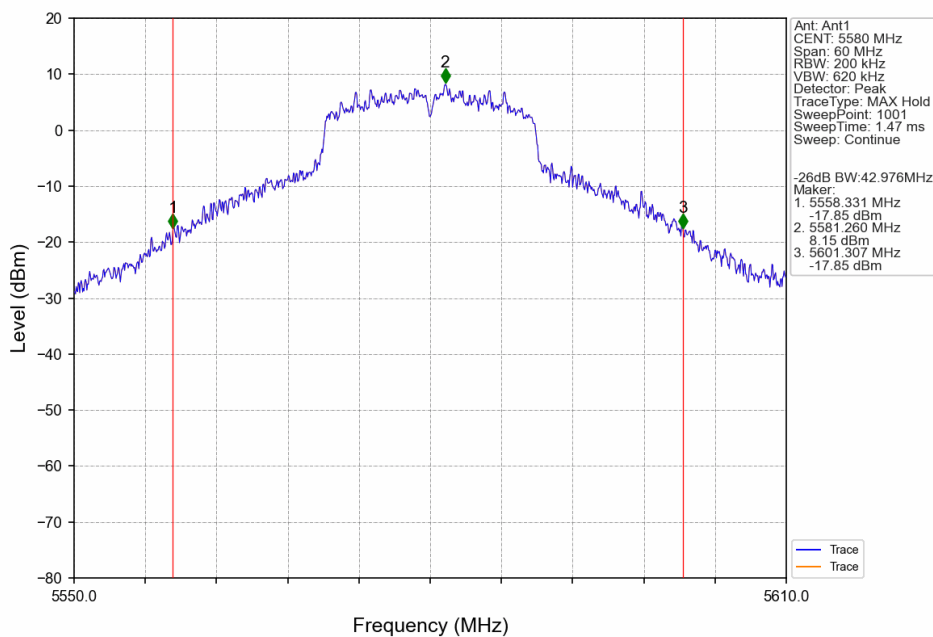
802.11n(HT20) HCH 5320MHz Ant1 NTN



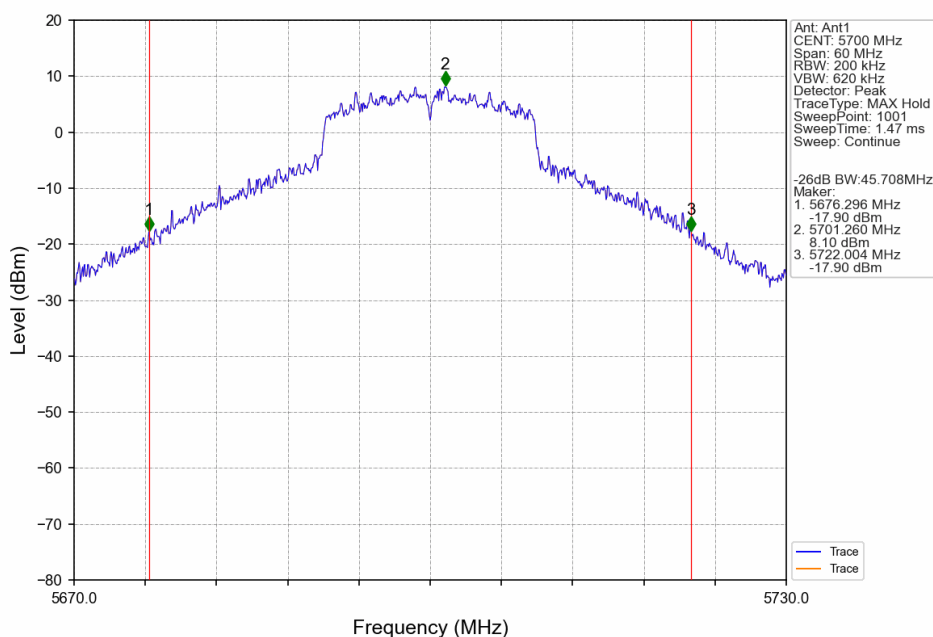
802.11n(HT20) LCH 5500MHz Ant1 NTN



802.11n(HT20) MCH 5580MHz Ant1 NTN

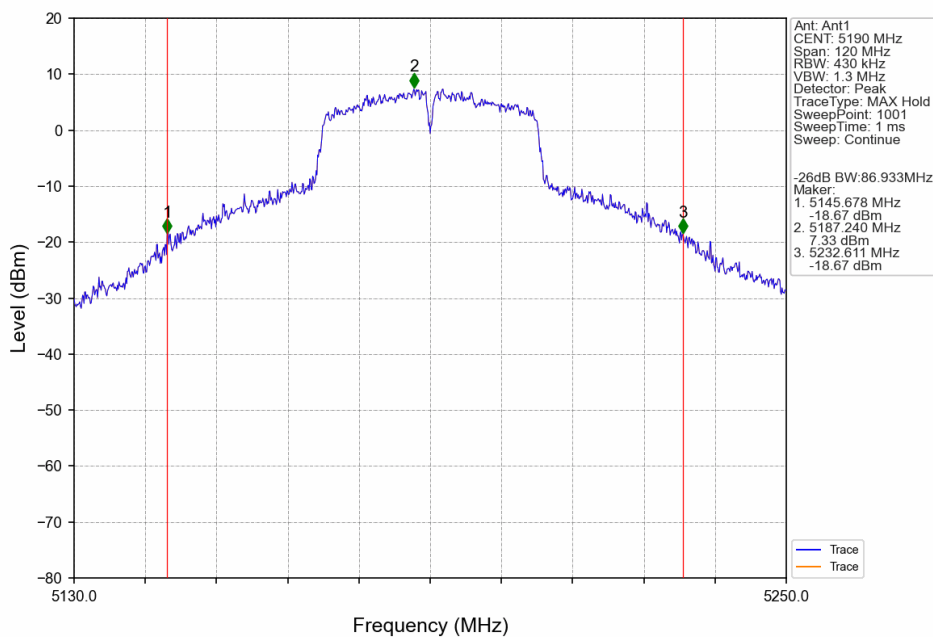


802.11n(HT20) HCH 5700MHz Ant1 NTN

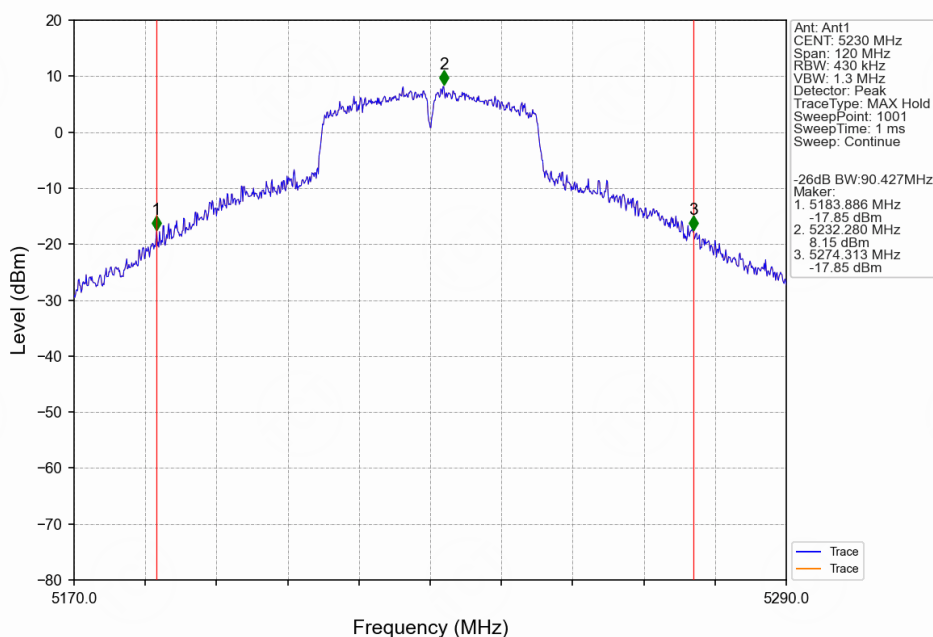




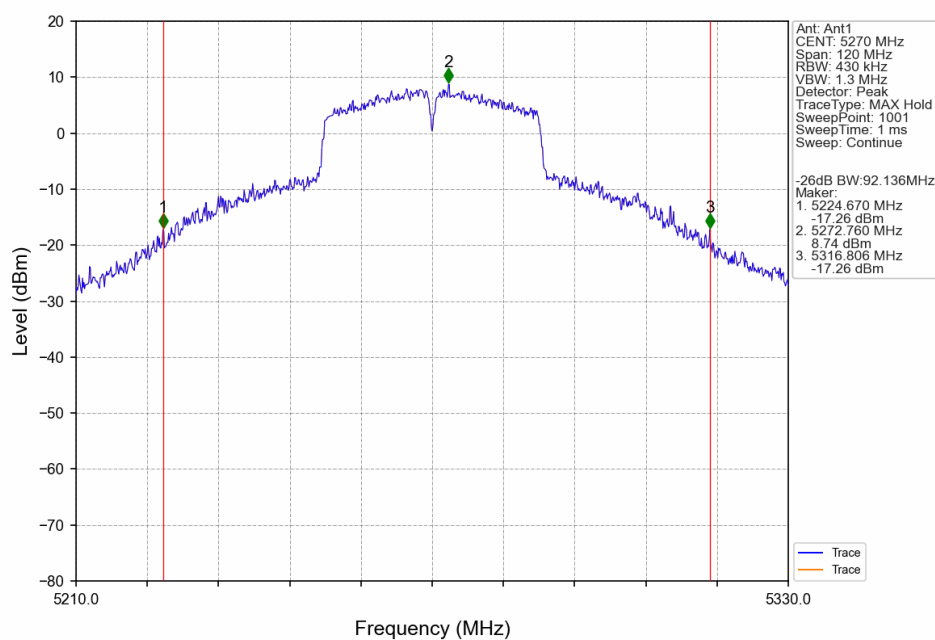
802.11n(HT40) LCH 5190MHz Ant1 NTN



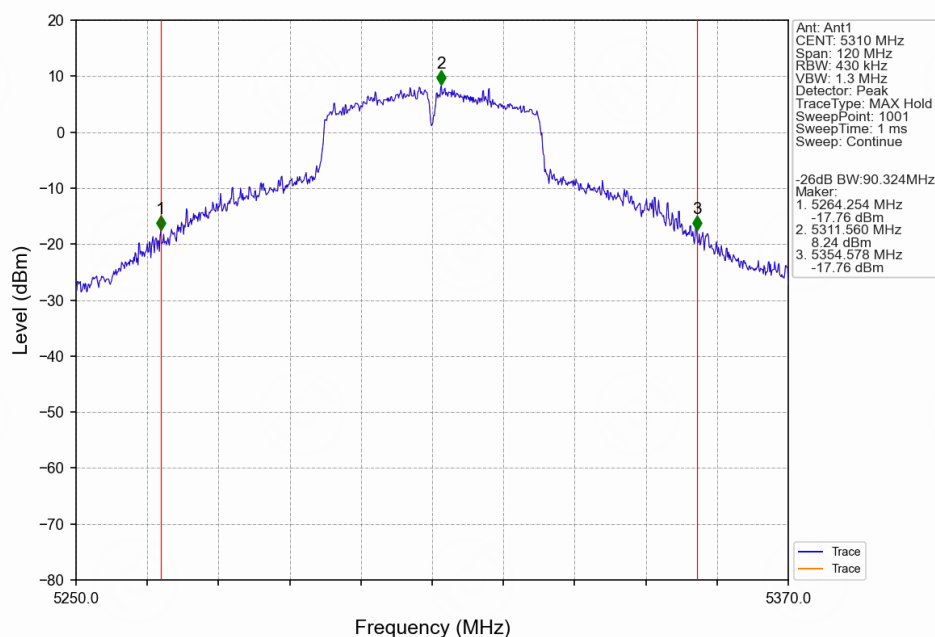
802.11n(HT40) HCH 5230MHz Ant1 NTN



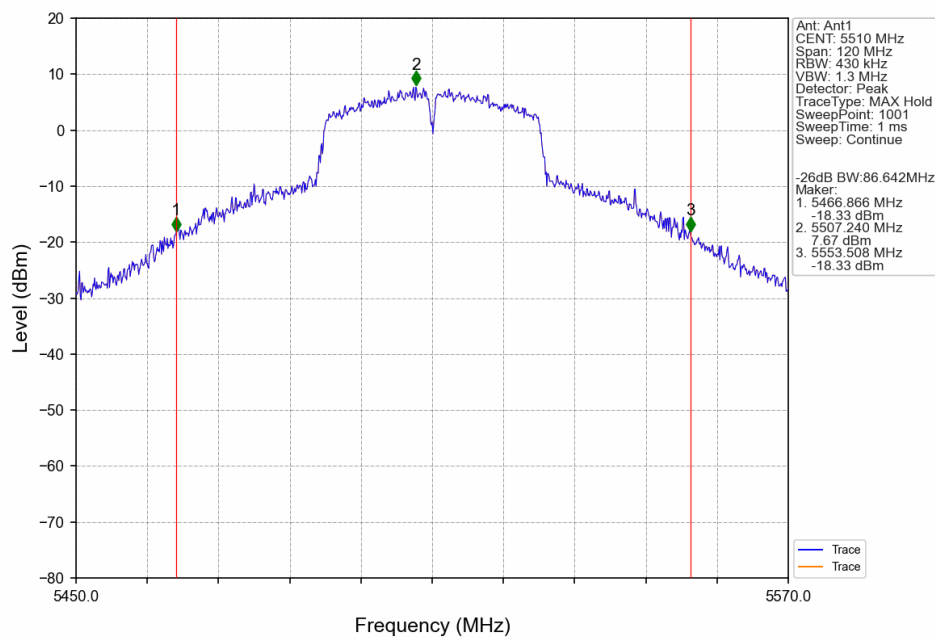
802.11n(HT40) LCH 5270MHz Ant1 NTN



802.11n(HT40) HCH 5310MHz Ant1 NTN



802.11n(HT40) LCH 5510MHz Ant1 NTN



802.11n(HT40) MCH 5550MHz Ant1 NTN

