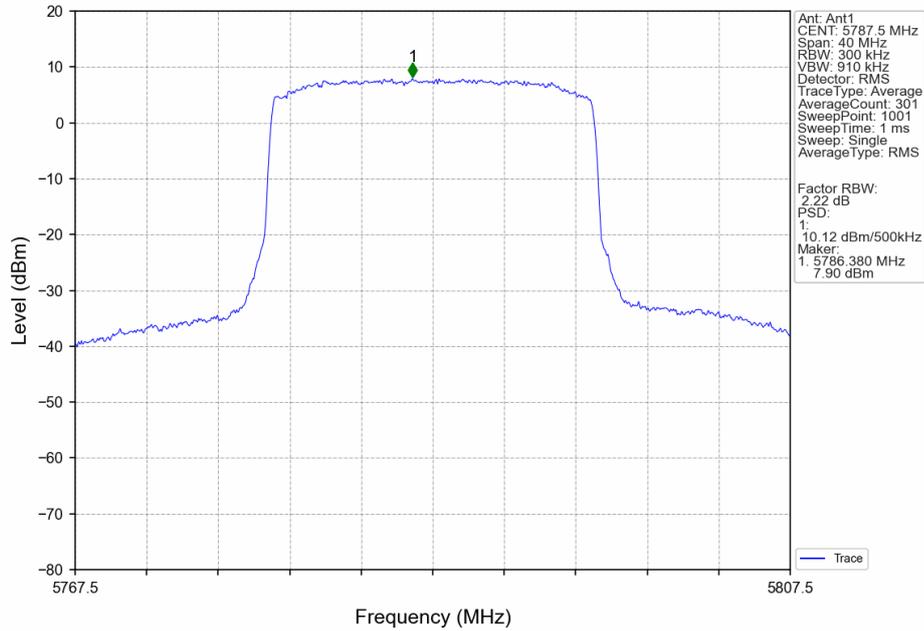
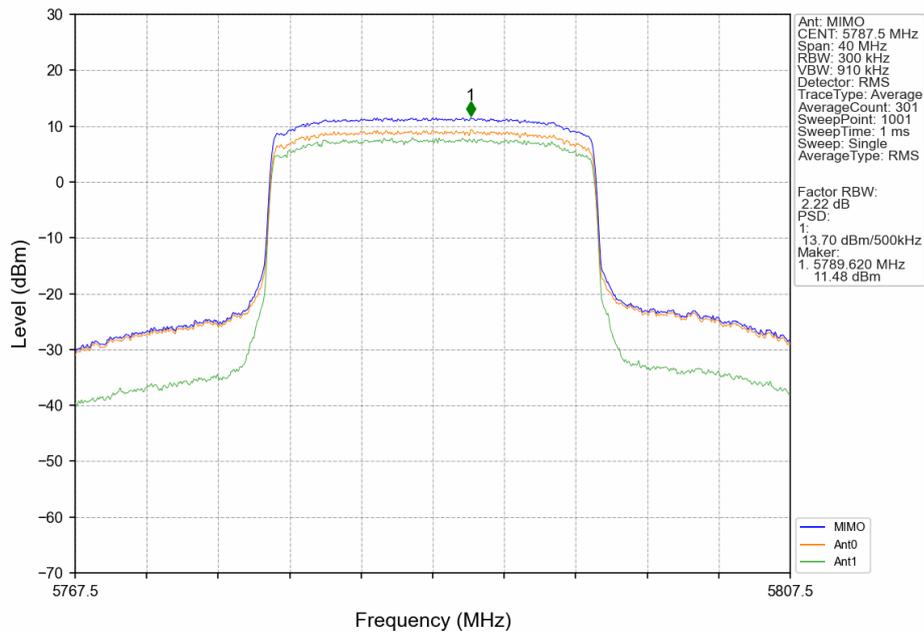


20M\_MCH\_5787.5MHz\_Ant1\_NTNV

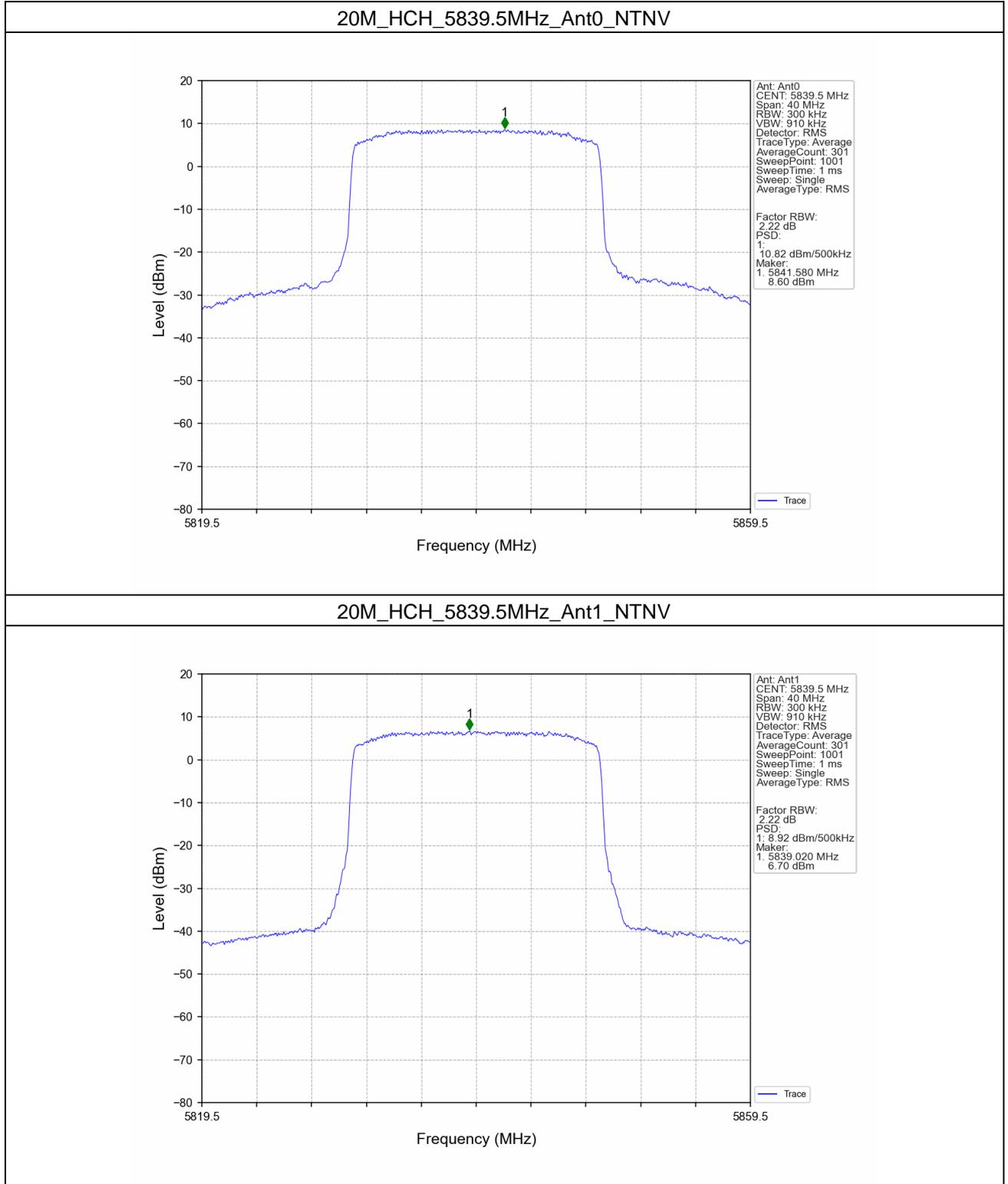


20M\_MCH\_5787.5MHz\_MIMO\_NTNV



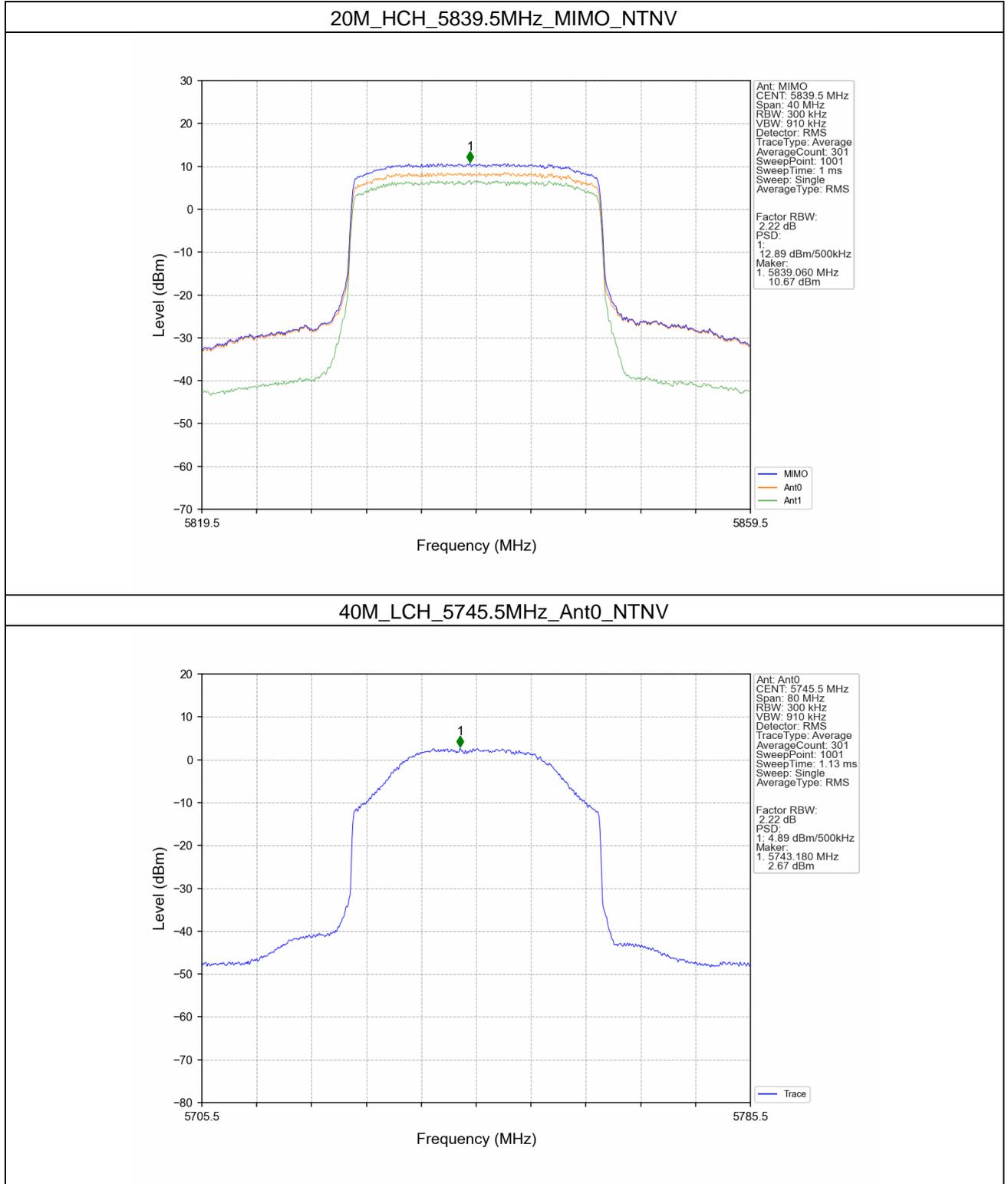
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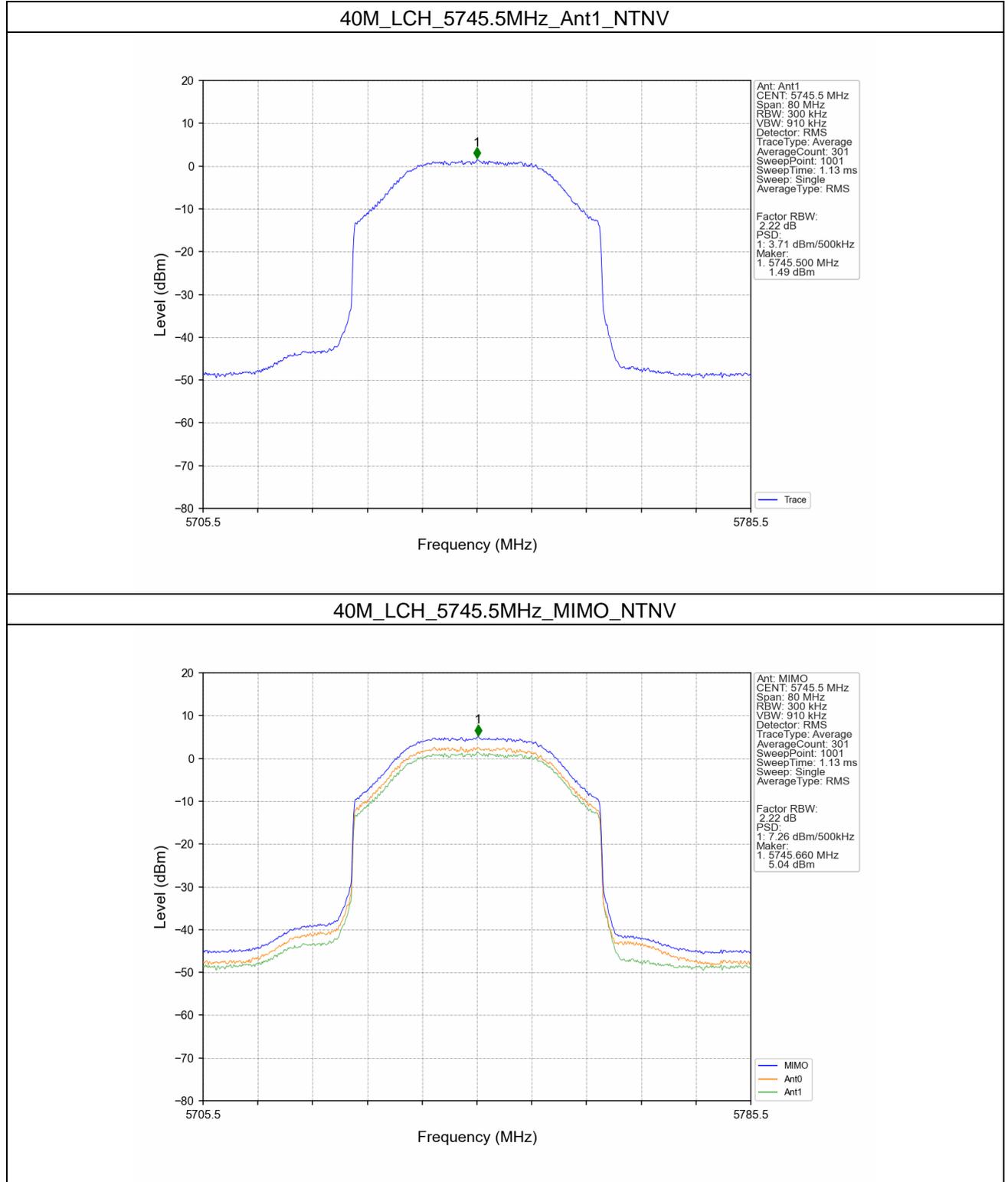
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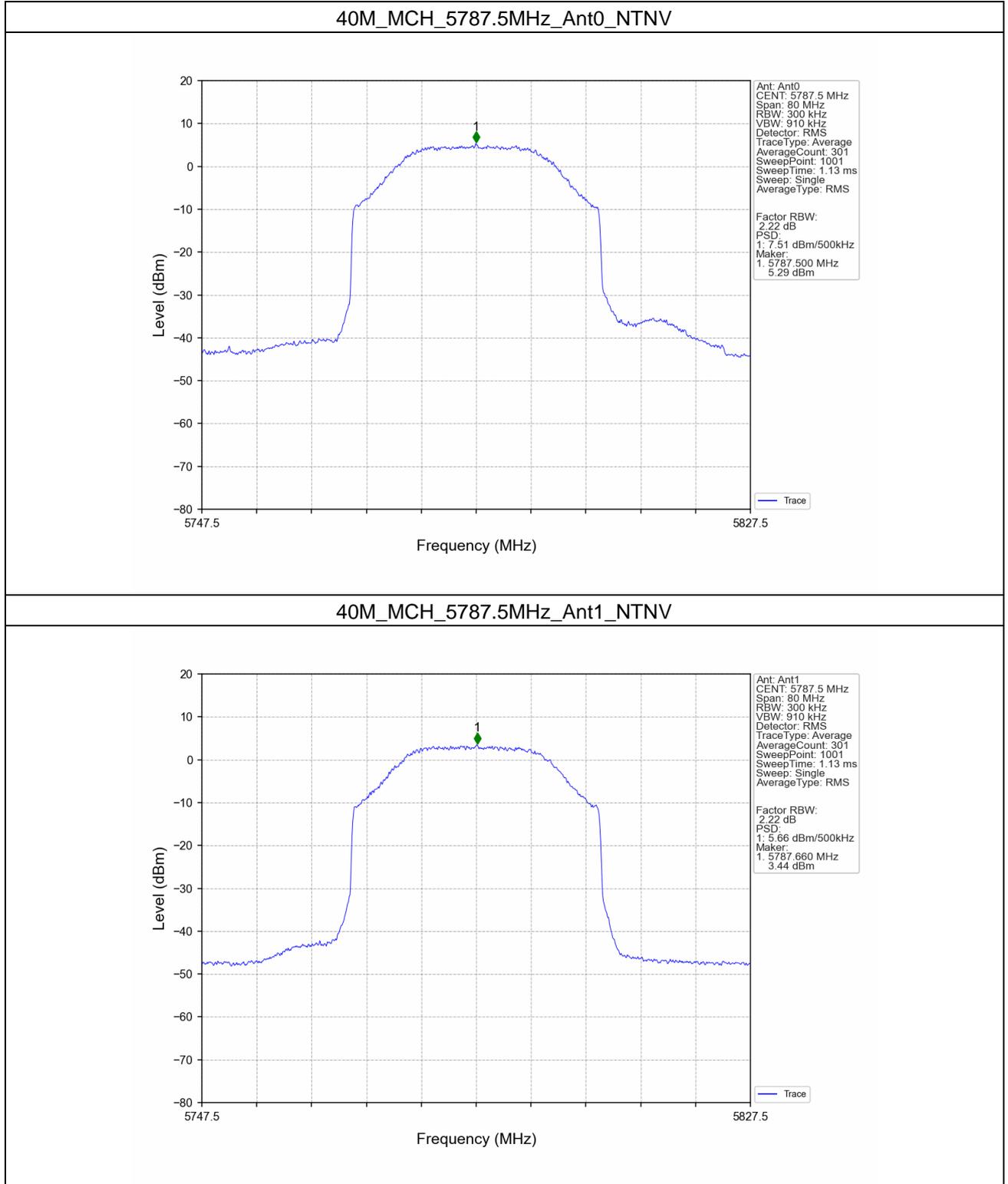
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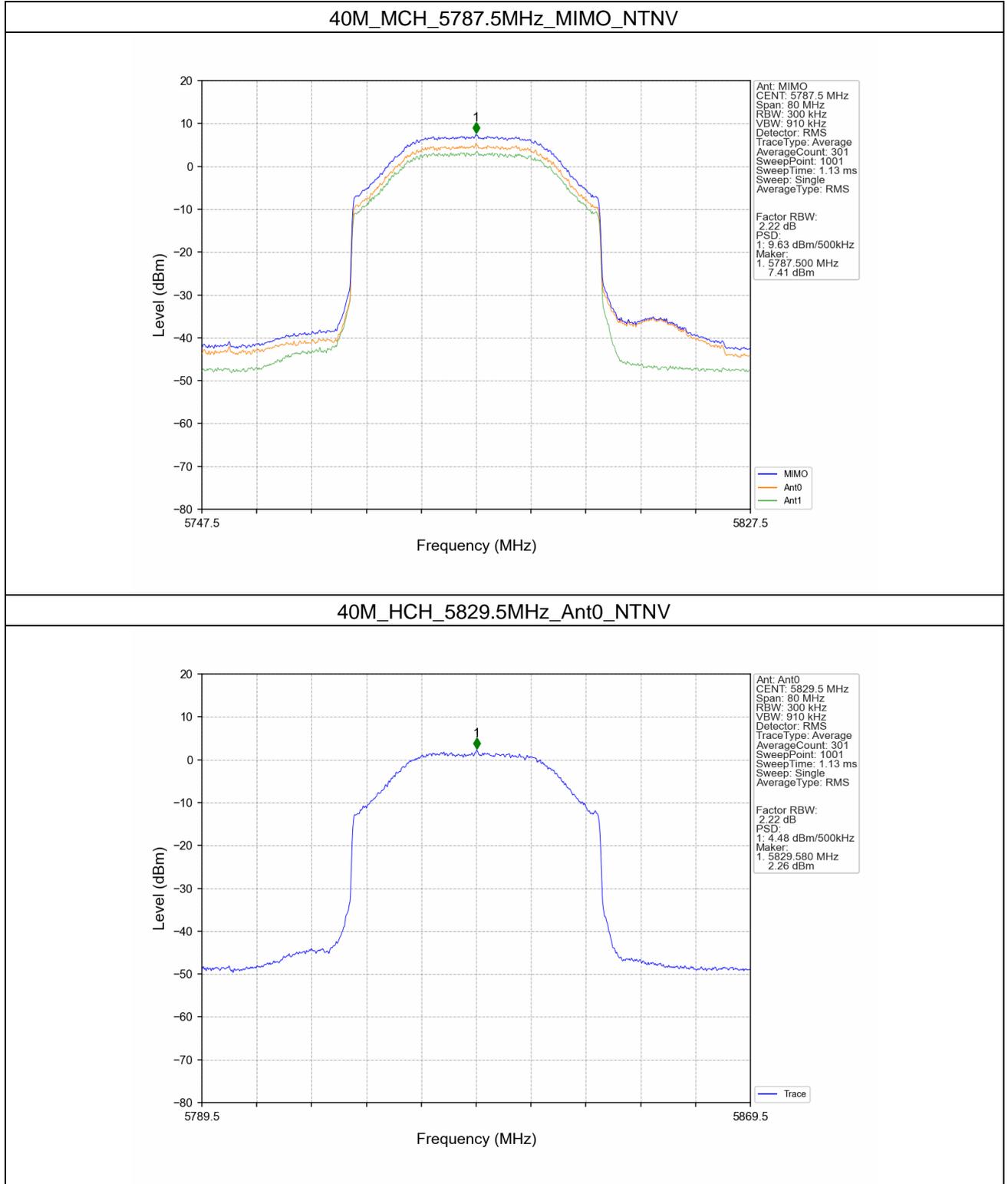


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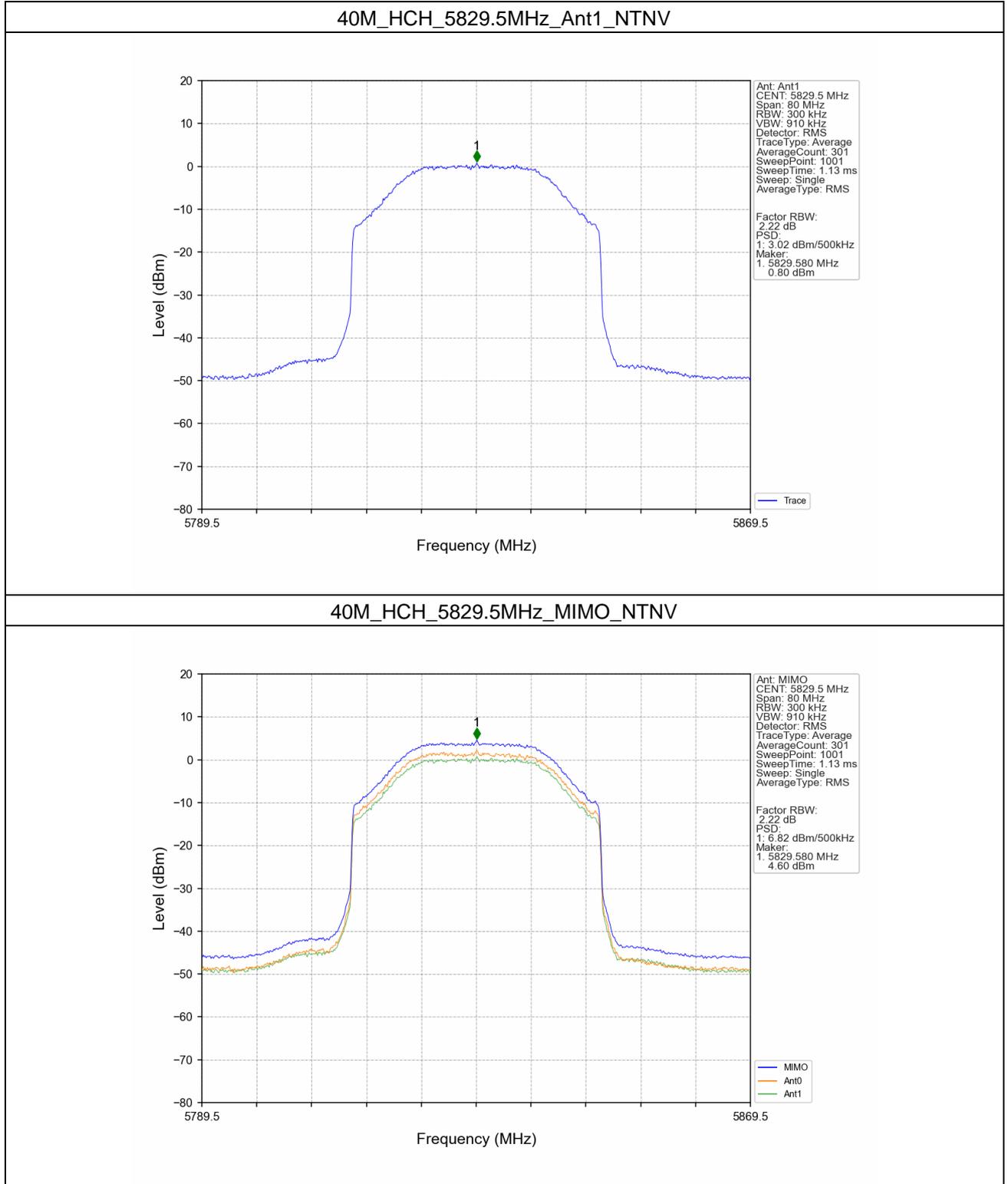


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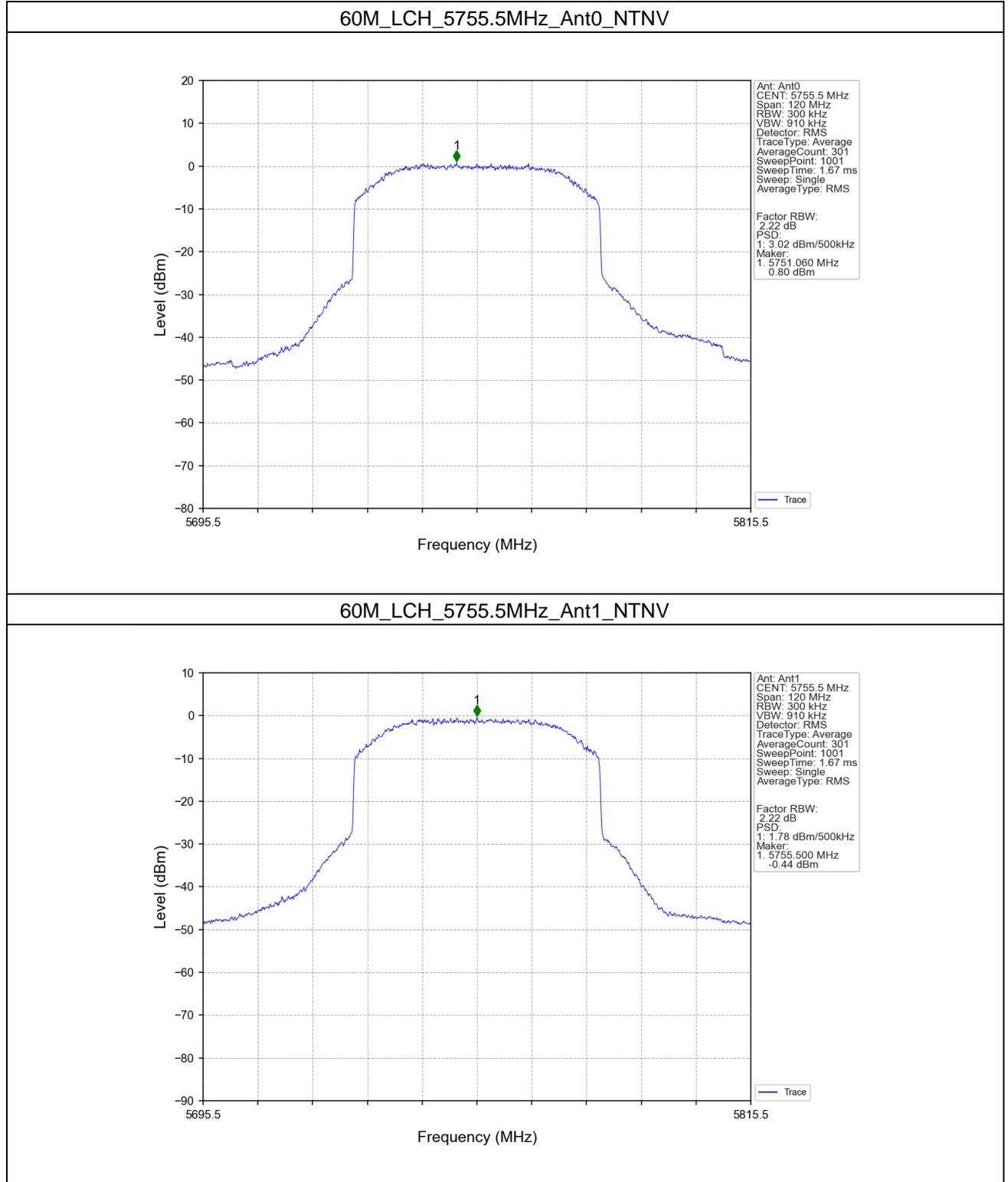


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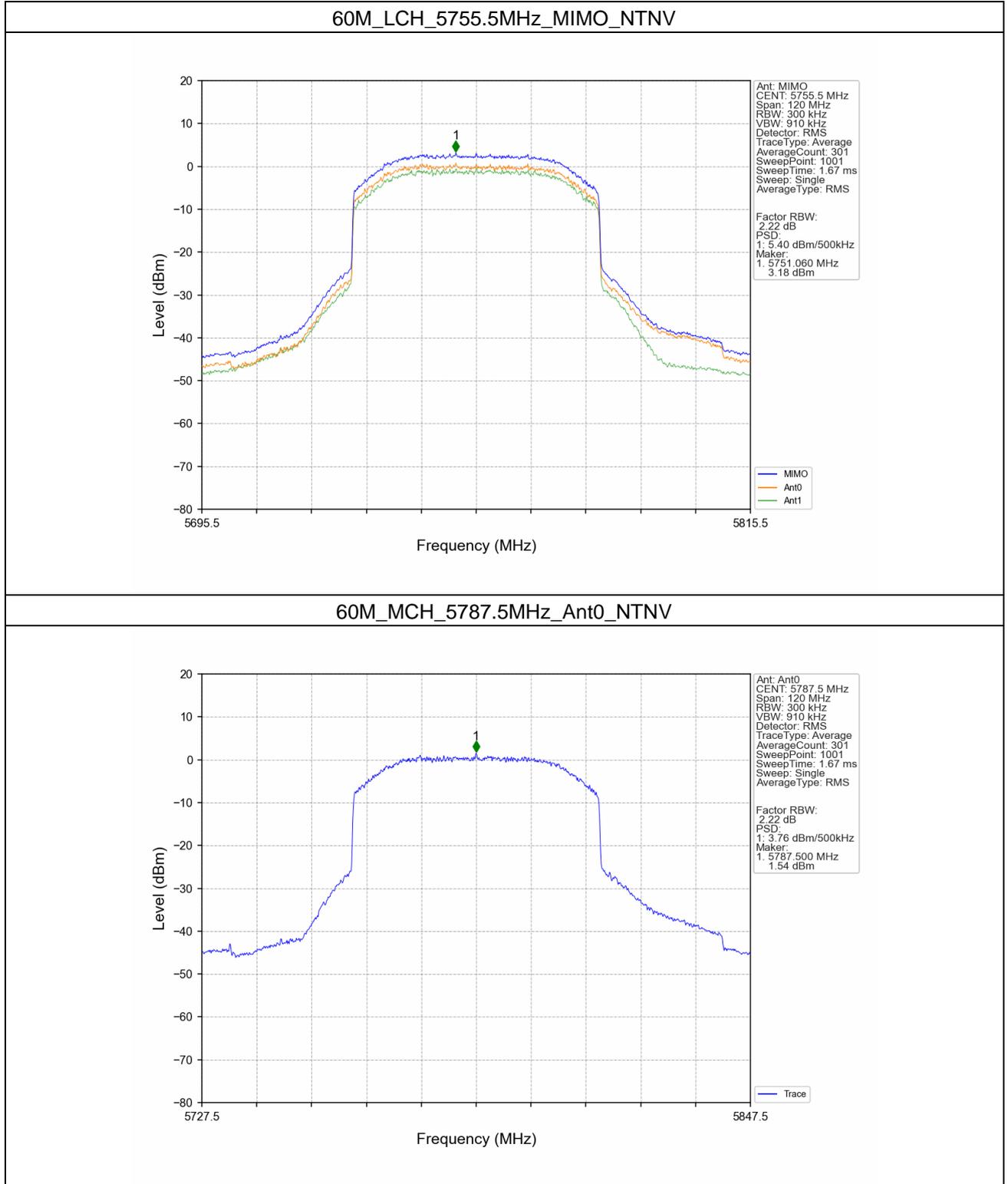
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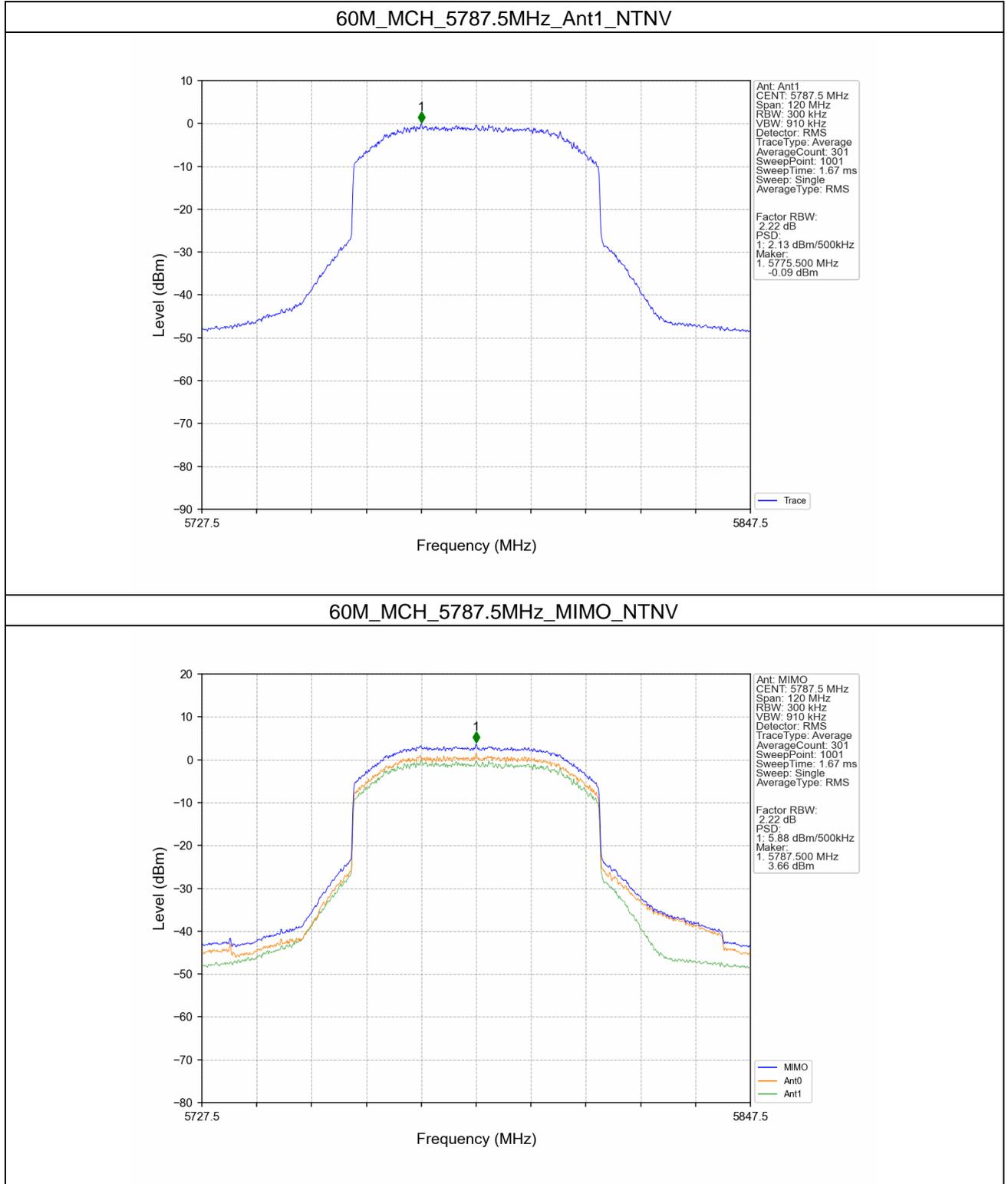
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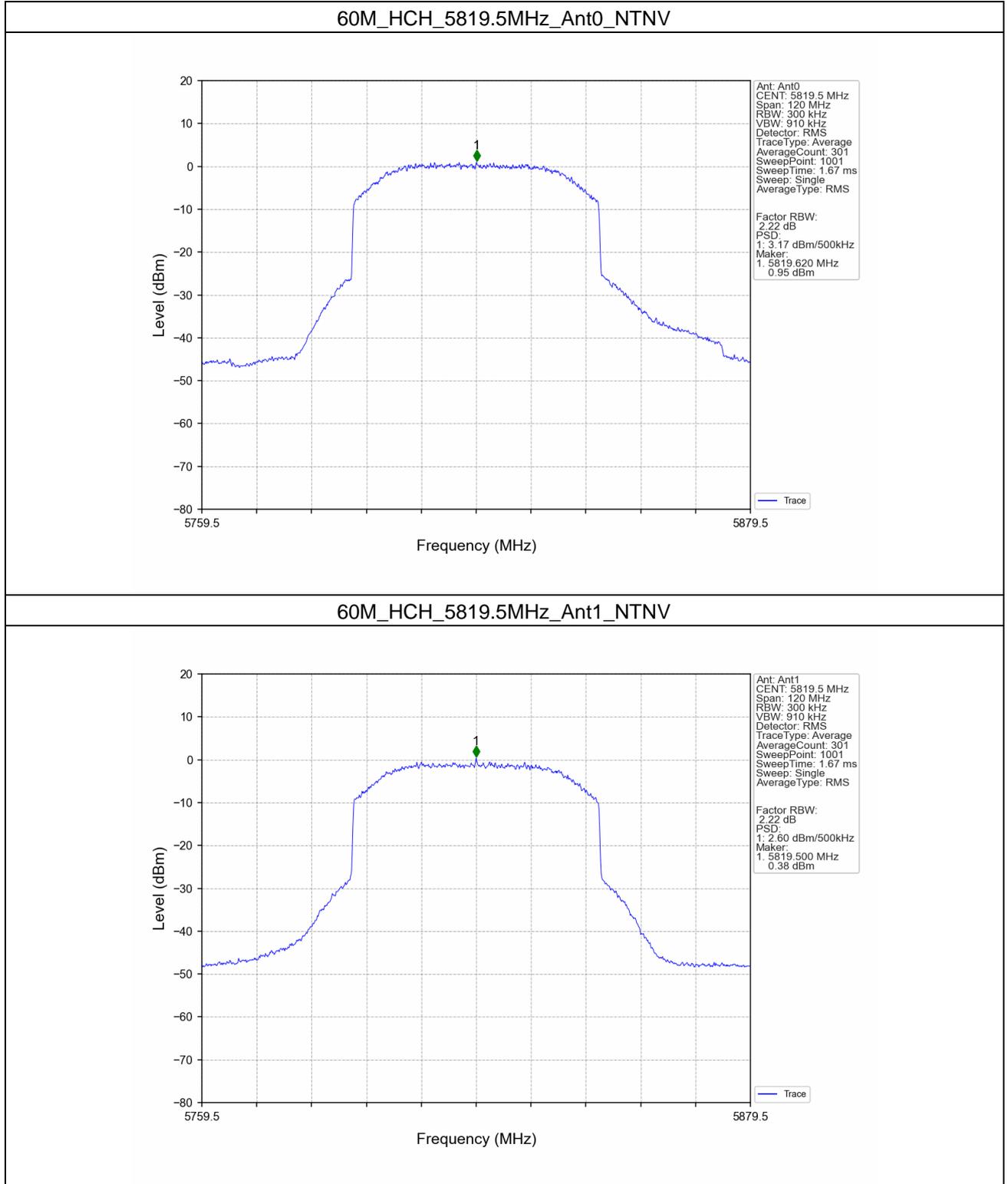
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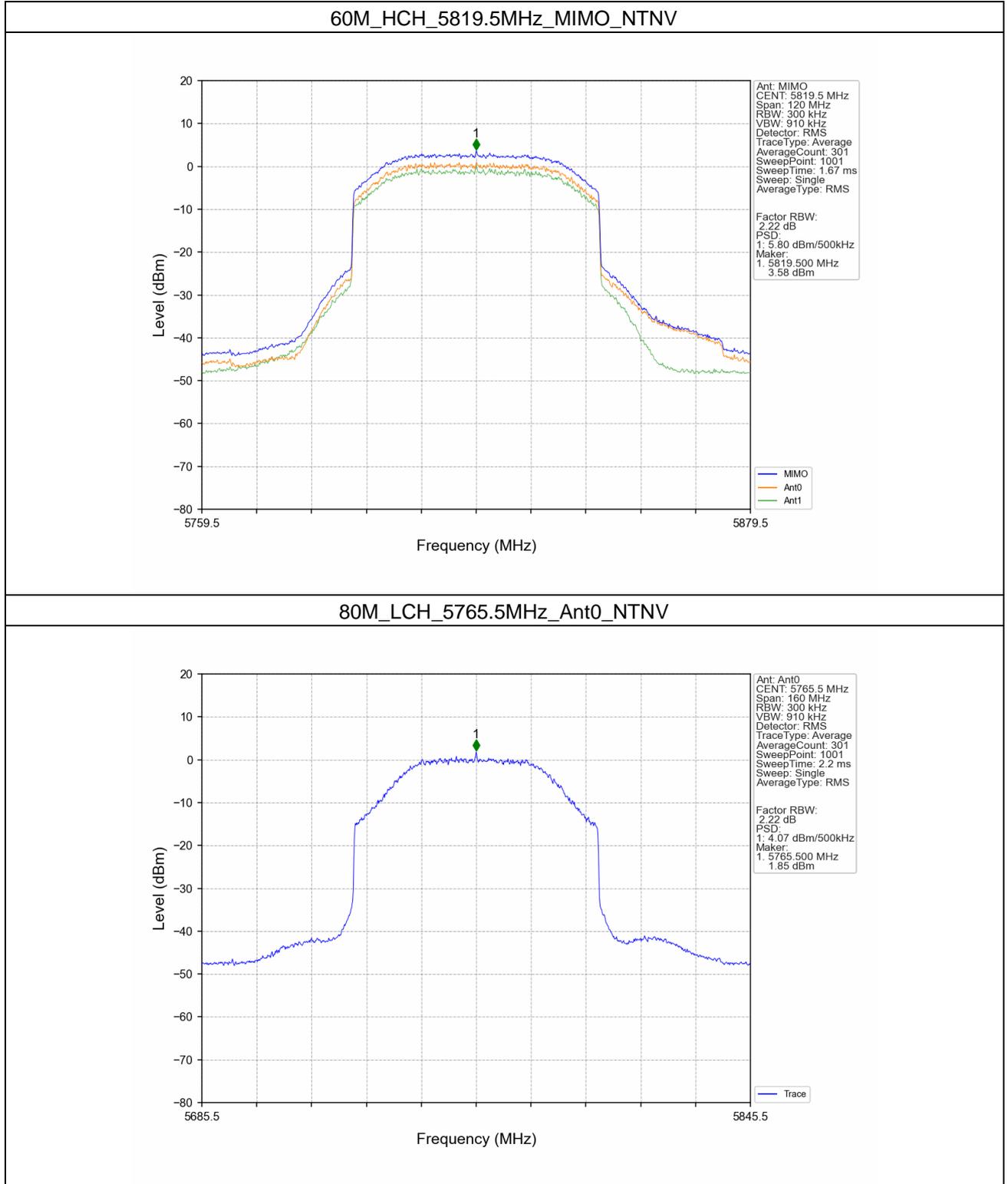
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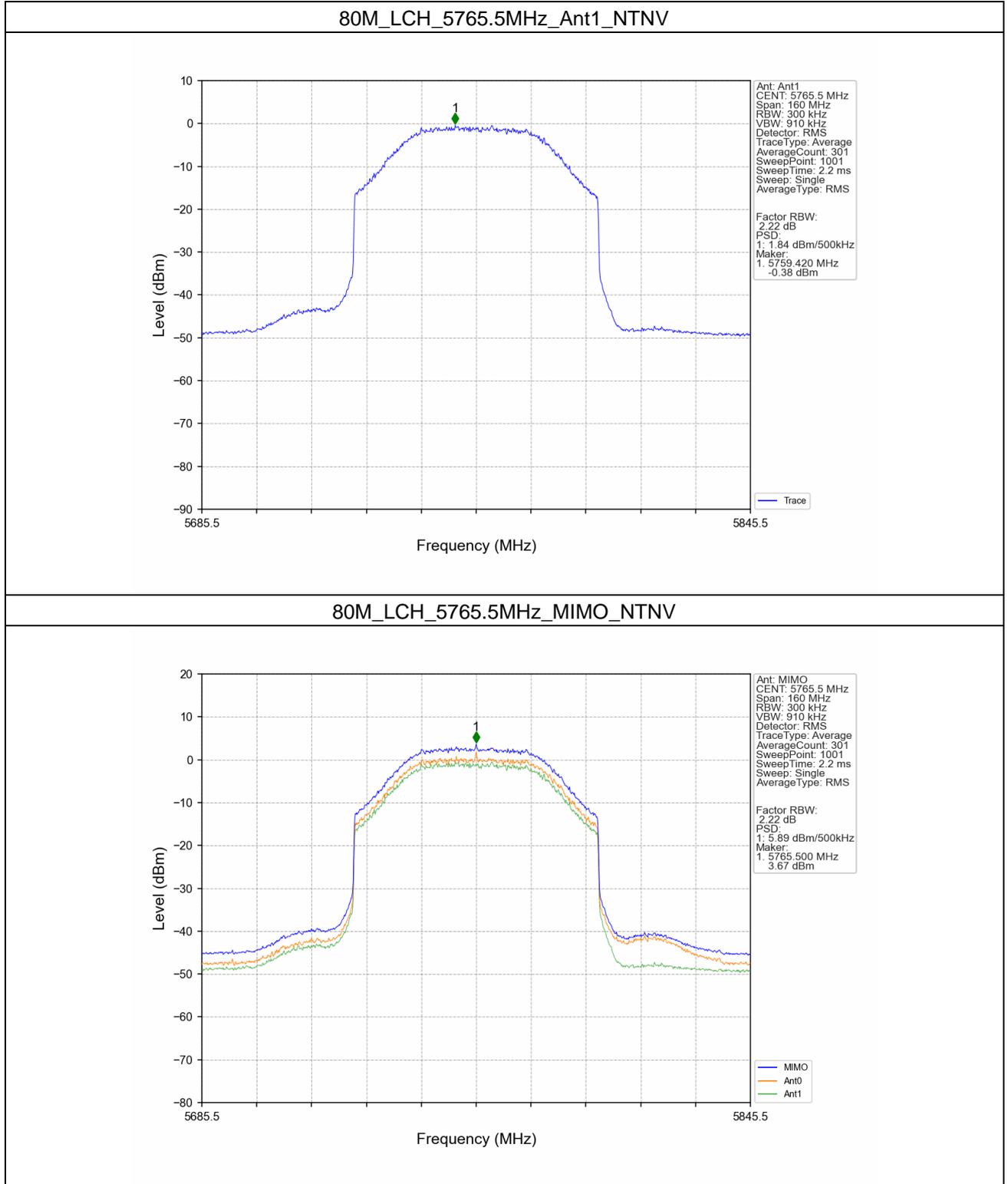
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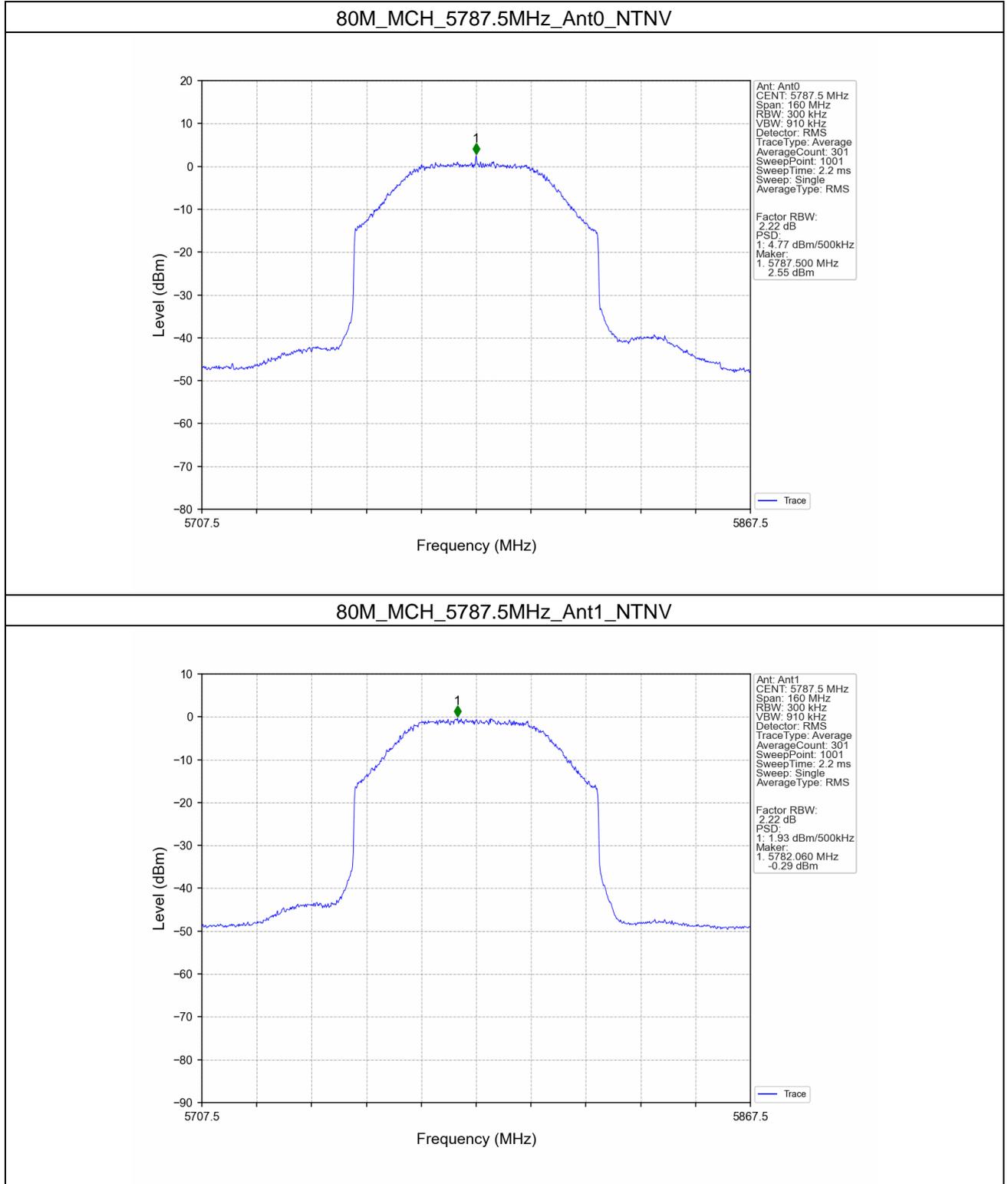


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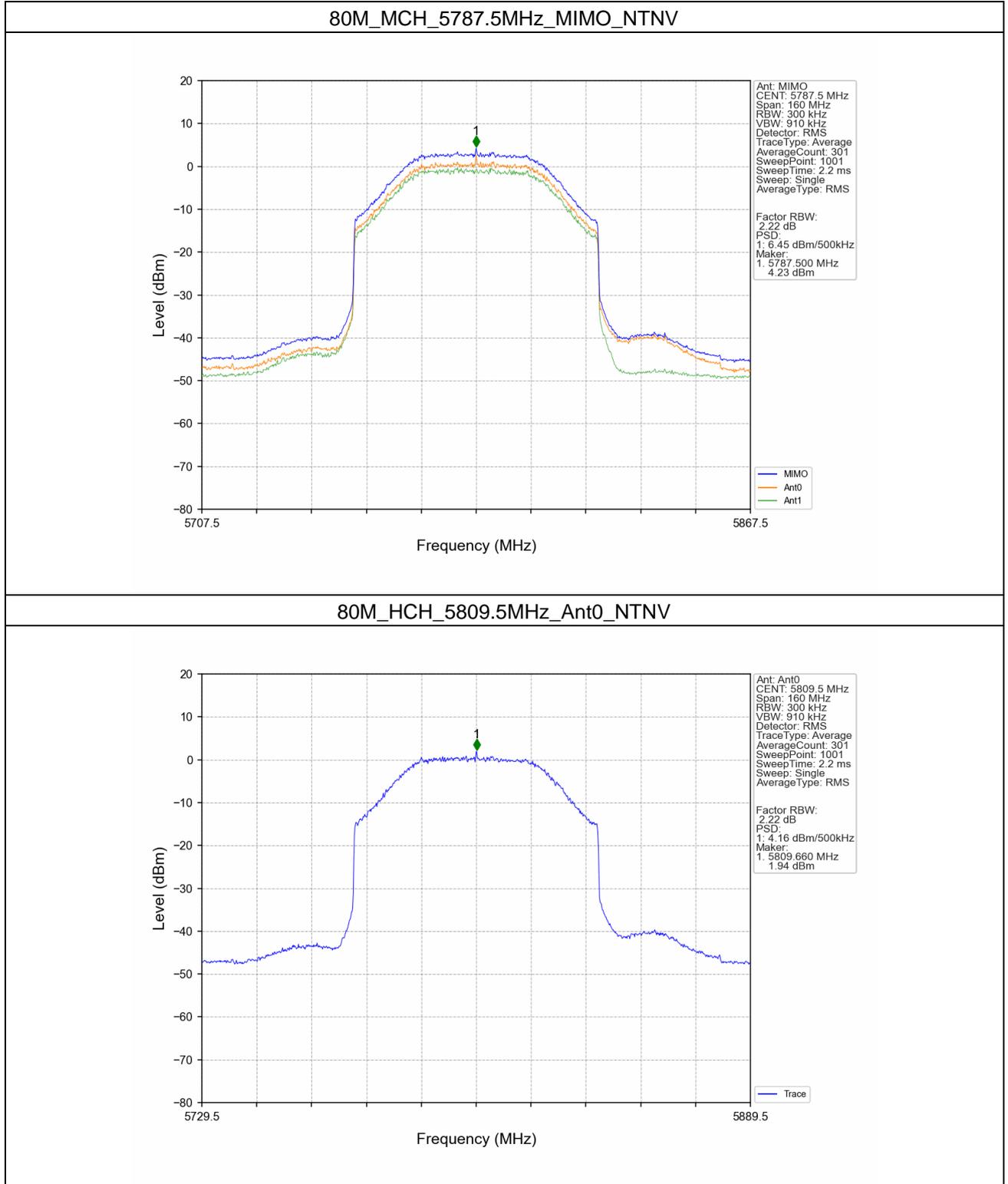


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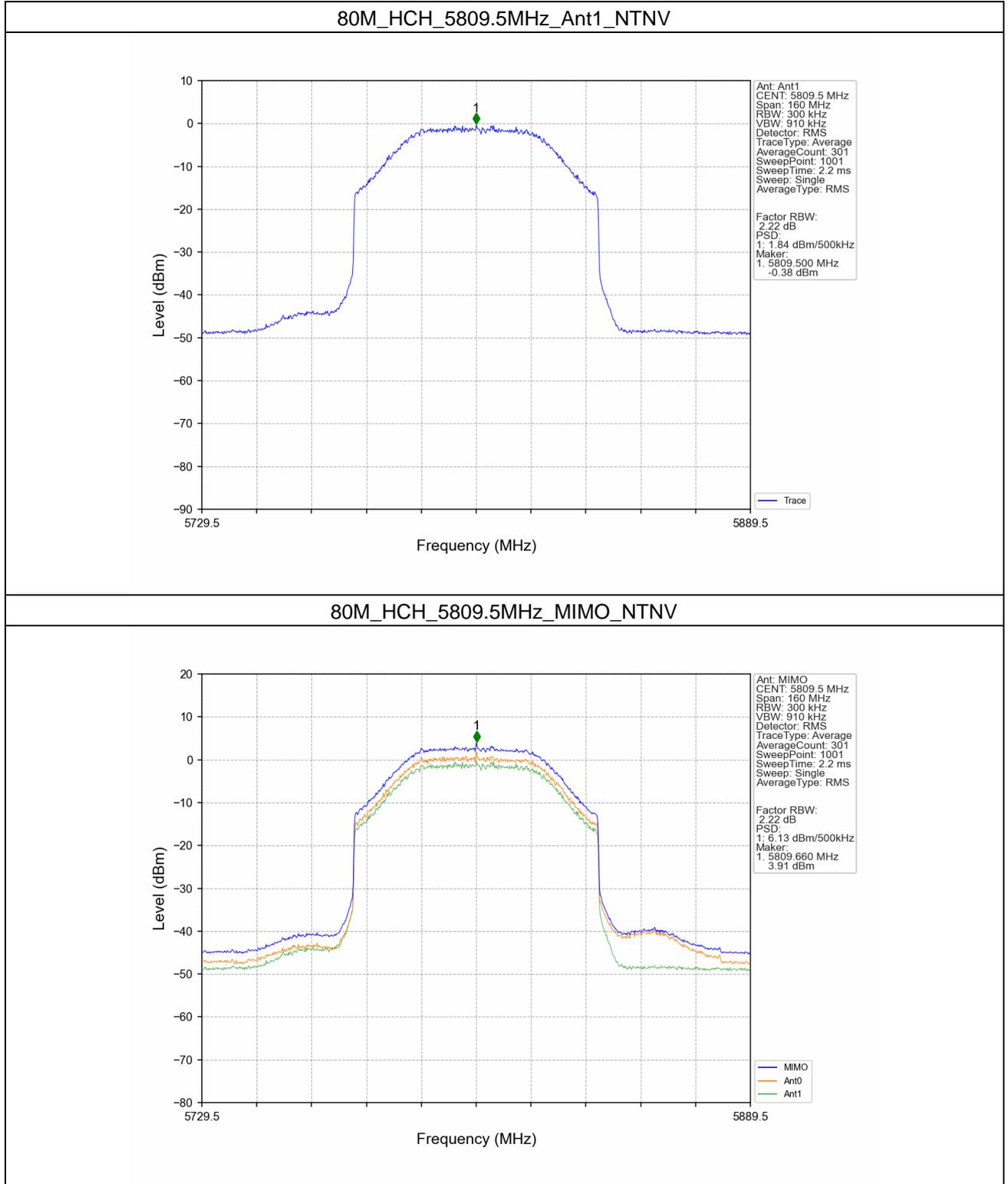
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## 5. Frequency Stability

### 5.1 Test Result

#### 5.1.1 Ant0

| Ant0  |          |                 |                  |                      |                          |                      |         |
|-------|----------|-----------------|------------------|----------------------|--------------------------|----------------------|---------|
| Mode  | TX Type  | Frequency (MHz) | Temperature (°C) | Voltage (VDC)        | Measured Frequency (MHz) | Limit (MHz)          | Verdict |
| 10M   | MIMO     | 5730.5          | 20               | 44.86                | 5730.490                 | 5726.791 to 5734.209 | Pass    |
|       |          |                 |                  | 52.78                | 5730.510                 | 5726.791 to 5734.209 | Pass    |
|       |          |                 |                  | 60.70                | 5730.480                 | 5726.791 to 5734.209 | Pass    |
|       |          |                 | -30              | 52.78                | 5730.500                 | 5726.791 to 5734.209 | Pass    |
|       |          | 50              |                  | 52.78                | 5730.500                 | 5726.791 to 5734.209 | Pass    |
|       |          | 5787.5          | 20               | 44.86                | 5787.500                 | 5783.841 to 5791.159 | Pass    |
|       |          |                 |                  | 52.78                | 5787.490                 | 5783.841 to 5791.159 | Pass    |
|       |          |                 |                  | 60.70                | 5787.490                 | 5783.841 to 5791.159 | Pass    |
|       |          |                 | -30              | 52.78                | 5787.480                 | 5783.841 to 5791.159 | Pass    |
|       |          | 50              |                  | 52.78                | 5787.500                 | 5783.841 to 5791.159 | Pass    |
|       |          | 5844.5          | 20               | 44.86                | 5844.470                 | 5840.835 to 5848.165 | Pass    |
|       |          |                 |                  | 52.78                | 5844.480                 | 5840.835 to 5848.165 | Pass    |
| 60.70 | 5844.490 |                 |                  | 5840.835 to 5848.165 | Pass                     |                      |         |
| -30   | 52.78    |                 | 5844.500         | 5840.835 to 5848.165 | Pass                     |                      |         |
|       | 50       | 52.78           | 5844.490         | 5840.835 to 5848.165 | Pass                     |                      |         |
| 20M   | MIMO     | 5735.5          | 20               | 44.86                | 5735.500                 | 5728.32 to 5742.68   | Pass    |
|       |          |                 |                  | 52.78                | 5735.480                 | 5728.32 to 5742.68   | Pass    |
|       |          |                 |                  | 60.70                | 5735.520                 | 5728.32 to 5742.68   | Pass    |
|       |          |                 | -30              | 52.78                | 5735.460                 | 5728.32 to 5742.68   | Pass    |
|       |          | 50              |                  | 52.78                | 5735.480                 | 5728.32 to 5742.68   | Pass    |
|       |          | 5787.5          | 20               | 44.86                | 5787.460                 | 5780.323 to 5794.677 | Pass    |
|       |          |                 |                  | 52.78                | 5787.460                 | 5780.323 to 5794.677 | Pass    |
|       |          |                 |                  | 60.70                | 5787.480                 | 5780.323 to 5794.677 | Pass    |
|       |          |                 | -30              | 52.78                | 5787.480                 | 5780.323 to 5794.677 | Pass    |
|       |          | 50              |                  | 52.78                | 5787.440                 | 5780.323 to 5794.677 | Pass    |
|       |          | 5839.5          | 20               | 44.86                | 5839.480                 | 5832.35 to 5846.65   | Pass    |
|       |          |                 |                  | 52.78                | 5839.480                 | 5832.35 to 5846.65   | Pass    |
| 60.70 | 5839.480 |                 |                  | 5832.35 to 5846.65   | Pass                     |                      |         |
| -30   | 52.78    |                 | 5839.500         | 5832.35 to 5846.65   | Pass                     |                      |         |



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|        |        |        |          |                      |                      |                      |                      |      |
|--------|--------|--------|----------|----------------------|----------------------|----------------------|----------------------|------|
|        |        |        | 50       | 52.78                | 5839.500             | 5832.35 to 5846.65   | Pass                 |      |
| 40M    | MIMO   | 5745.5 | 20       | 44.86                | 5745.220             | 5732.766 to 5758.234 | Pass                 |      |
|        |        |        |          | 52.78                | 5745.140             | 5732.766 to 5758.234 | Pass                 |      |
|        |        |        | 60.70    | 5745.460             | 5732.766 to 5758.234 | Pass                 |                      |      |
|        |        |        | -30      | 52.78                | 5745.140             | 5732.766 to 5758.234 | Pass                 |      |
|        |        |        | 50       | 52.78                | 5745.260             | 5732.766 to 5758.234 | Pass                 |      |
|        | 5787.5 | 20     | 44.86    | 5787.180             | 5774.685 to 5800.315 | Pass                 |                      |      |
|        |        |        | 52.78    | 5787.180             | 5774.685 to 5800.315 | Pass                 |                      |      |
|        |        | 60.70  | 5787.020 | 5774.685 to 5800.315 | Pass                 |                      |                      |      |
|        |        | -30    | 52.78    | 5786.900             | 5774.685 to 5800.315 | Pass                 |                      |      |
|        | 5829.5 | 20     | 44.86    | 5829.500             | 5816.791 to 5842.209 | Pass                 |                      |      |
|        |        |        | 52.78    | 5829.380             | 5816.791 to 5842.209 | Pass                 |                      |      |
|        |        | 60.70  | 5829.100 | 5816.791 to 5842.209 | Pass                 |                      |                      |      |
|        |        | -30    | 52.78    | 5829.220             | 5816.791 to 5842.209 | Pass                 |                      |      |
|        | 50     | 52.78  | 5829.740 | 5816.791 to 5842.209 | Pass                 |                      |                      |      |
|        | 60M    | MIMO   | 5755.5   | 20                   | 44.86                | 5755.500             | 5734.607 to 5776.393 | Pass |
|        |        |        |          |                      | 52.78                | 5755.500             | 5734.607 to 5776.393 | Pass |
| 60.70  |        |        |          |                      | 5755.500             | 5734.607 to 5776.393 | Pass                 |      |
| -30    |        |        |          | 52.78                | 5755.560             | 5734.607 to 5776.393 | Pass                 |      |
| 50     |        |        | 52.78    | 5755.560             | 5734.607 to 5776.393 | Pass                 |                      |      |
| 5787.5 |        |        | 20       | 44.86                | 5787.620             | 5766.67 to 5808.33   | Pass                 |      |
|        |        |        |          | 52.78                | 5787.440             | 5766.67 to 5808.33   | Pass                 |      |
|        |        |        | 60.70    | 5787.500             | 5766.67 to 5808.33   | Pass                 |                      |      |
|        |        | -30    | 52.78    | 5787.500             | 5766.67 to 5808.33   | Pass                 |                      |      |
| 50     |        | 52.78  | 5787.560 | 5766.67 to 5808.33   | Pass                 |                      |                      |      |
| 5819.5 |        | 20     | 44.86    | 5819.500             | 5798.627 to 5840.373 | Pass                 |                      |      |
|        |        |        | 52.78    | 5819.500             | 5798.627 to 5840.373 | Pass                 |                      |      |
|        |        | 60.70  | 5819.500 | 5798.627 to 5840.373 | Pass                 |                      |                      |      |
|        |        | -30    | 52.78    | 5819.500             | 5798.627 to 5840.373 | Pass                 |                      |      |
| 50     |        | 52.78  | 5819.500 | 5798.627 to 5840.373 | Pass                 |                      |                      |      |
| 80M    |        | MIMO   | 5765.5   | 20                   | 44.86                | 5765.125             | 5740.637 to 5790.363 | Pass |
|        | 52.78  |        |          |                      | 5765.200             | 5740.637 to 5790.363 | Pass                 |      |
|        | 60.70  |        |          |                      | 5765.200             | 5740.637 to 5790.363 | Pass                 |      |
|        | -30    |        |          | 52.78                | 5765.350             | 5740.637 to 5790.363 | Pass                 |      |
|        | 50     |        |          | 52.78                | 5765.125             | 5740.637 to 5790.363 | Pass                 |      |
|        | 5787.5 |        | 20       | 44.86                | 5787.125             | 5762.838 to 5812.162 | Pass                 |      |
|        |        |        |          | 52.78                | 5787.125             | 5762.838 to 5812.162 | Pass                 |      |
|        |        |        |          | 60.70                | 5787.200             | 5762.838 to 5812.162 | Pass                 |      |
|        |        |        | -30      | 52.78                | 5787.125             | 5762.838 to 5812.162 | Pass                 |      |



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|  |        |       |          |                  |                      |      |
|--|--------|-------|----------|------------------|----------------------|------|
|  |        | 50    | 52.78    | 5787.125         | 5762.838 to 5812.162 | Pass |
|  | 5809.5 | 20    | 44.86    | 5809.125         | 5784.7 to 5834.3     | Pass |
|  |        |       | 52.78    | 5809.050         | 5784.7 to 5834.3     | Pass |
|  |        | 60.70 | 5809.200 | 5784.7 to 5834.3 | Pass                 |      |
|  |        | -30   | 52.78    | 5809.050         | 5784.7 to 5834.3     | Pass |
|  |        | 50    | 52.78    | 5809.200         | 5784.7 to 5834.3     | Pass |

## 5.1.2 Ant1

| Ant1   |          |                 |                  |               |                          |                      |          |
|--------|----------|-----------------|------------------|---------------|--------------------------|----------------------|----------|
| Mode   | TX Type  | Frequency (MHz) | Temperature (°C) | Voltage (VDC) | Measured Frequency (MHz) | Limit (MHz)          | Verdict  |
| 10M    | MIMO     | 5730.5          | 20               | 44.86         | 5730.500                 | 5726.791 to 5734.209 | Pass     |
|        |          |                 |                  | 52.78         | 5730.490                 | 5726.791 to 5734.209 | Pass     |
|        |          |                 |                  | 60.70         | 5730.490                 | 5726.791 to 5734.209 | Pass     |
|        |          |                 | -30              | 52.78         | 5730.480                 | 5726.791 to 5734.209 | Pass     |
|        |          |                 | 50               | 52.78         | 5730.510                 | 5726.791 to 5734.209 | Pass     |
|        |          | 5787.5          | 20               | 44.86         | 5787.500                 | 5783.841 to 5791.159 | Pass     |
|        |          |                 |                  | 52.78         | 5787.480                 | 5783.841 to 5791.159 | Pass     |
|        |          |                 |                  | 60.70         | 5787.480                 | 5783.841 to 5791.159 | Pass     |
|        |          |                 | -30              | 52.78         | 5787.510                 | 5783.841 to 5791.159 | Pass     |
|        |          |                 | 50               | 52.78         | 5787.490                 | 5783.841 to 5791.159 | Pass     |
|        |          | 5844.5          | 20               | 44.86         | 5844.490                 | 5840.835 to 5848.165 | Pass     |
|        |          |                 |                  | 52.78         | 5844.510                 | 5840.835 to 5848.165 | Pass     |
|        |          |                 |                  | 60.70         | 5844.510                 | 5840.835 to 5848.165 | Pass     |
|        |          |                 | -30              | 52.78         | 5844.520                 | 5840.835 to 5848.165 | Pass     |
|        |          |                 | 50               | 52.78         | 5844.490                 | 5840.835 to 5848.165 | Pass     |
|        |          | 20M             | MIMO             | 5735.5        | 20                       | 44.86                | 5735.480 |
| 52.78  | 5735.460 |                 |                  |               |                          | 5728.32 to 5742.68   | Pass     |
| 60.70  | 5735.480 |                 |                  |               |                          | 5728.32 to 5742.68   | Pass     |
| -30    | 52.78    |                 |                  |               | 5735.520                 | 5728.32 to 5742.68   | Pass     |
| 50     | 52.78    |                 |                  |               | 5735.480                 | 5728.32 to 5742.68   | Pass     |
| 5787.5 | 20       |                 |                  | 44.86         | 5787.480                 | 5780.323 to 5794.677 | Pass     |
|        |          |                 |                  | 52.78         | 5787.460                 | 5780.323 to 5794.677 | Pass     |
|        |          |                 |                  | 60.70         | 5787.500                 | 5780.323 to 5794.677 | Pass     |
|        | -30      |                 |                  | 52.78         | 5787.460                 | 5780.323 to 5794.677 | Pass     |
|        | 50       |                 |                  | 52.78         | 5787.480                 | 5780.323 to 5794.677 | Pass     |
| 5839.5 | 20       |                 |                  | 44.86         | 5839.500                 | 5832.35 to 5846.65   | Pass     |
|        |          |                 |                  | 52.78         | 5839.500                 | 5832.35 to 5846.65   | Pass     |
|        |          |                 |                  | 60.70         | 5839.500                 | 5832.35 to 5846.65   | Pass     |
|        | -30      |                 |                  | 52.78         | 5839.500                 | 5832.35 to 5846.65   | Pass     |
|        | 50       |                 |                  | 52.78         | 5839.500                 | 5832.35 to 5846.65   | Pass     |



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|       |        |          |          |                      |                      |                      |                      |
|-------|--------|----------|----------|----------------------|----------------------|----------------------|----------------------|
|       |        |          | -30      | 52.78                | 5839.480             | 5832.35 to 5846.65   | Pass                 |
|       |        |          | 50       | 52.78                | 5839.520             | 5832.35 to 5846.65   | Pass                 |
| 40M   | MIMO   | 5745.5   | 20       | 44.86                | 5745.420             | 5732.766 to 5758.234 | Pass                 |
|       |        |          |          | 52.78                | 5745.460             | 5732.766 to 5758.234 | Pass                 |
|       |        |          | 60.70    | 5745.500             | 5732.766 to 5758.234 | Pass                 |                      |
|       |        | 5787.5   | -30      | 52.78                | 5745.460             | 5732.766 to 5758.234 | Pass                 |
|       |        |          |          | 50                   | 52.78                | 5745.580             | 5732.766 to 5758.234 |
|       |        |          | 20       | 44.86                | 5787.380             | 5774.685 to 5800.315 | Pass                 |
|       | 52.78  | 5787.420 |          | 5774.685 to 5800.315 | Pass                 |                      |                      |
|       | 60.70  | 5787.540 |          | 5774.685 to 5800.315 | Pass                 |                      |                      |
|       | 5829.5 | -30      | 52.78    | 5787.580             | 5774.685 to 5800.315 | Pass                 |                      |
|       |        |          | 50       | 52.78                | 5787.540             | 5774.685 to 5800.315 | Pass                 |
|       |        |          | 20       | 44.86                | 5829.340             | 5816.791 to 5842.209 | Pass                 |
|       |        | 52.78    |          | 5829.820             | 5816.791 to 5842.209 | Pass                 |                      |
| 60.70 |        | 5829.780 |          | 5816.791 to 5842.209 | Pass                 |                      |                      |
| -30   |        | 52.78    | 5829.380 | 5816.791 to 5842.209 | Pass                 |                      |                      |
|       | 50     | 52.78    | 5829.420 | 5816.791 to 5842.209 | Pass                 |                      |                      |
| 60M   | MIMO   | 5755.5   | 20       | 44.86                | 5755.560             | 5734.607 to 5776.393 | Pass                 |
|       |        |          |          | 52.78                | 5755.500             | 5734.607 to 5776.393 | Pass                 |
|       |        |          | 60.70    | 5755.560             | 5734.607 to 5776.393 | Pass                 |                      |
|       |        | 5787.5   | -30      | 52.78                | 5755.560             | 5734.607 to 5776.393 | Pass                 |
|       |        |          |          | 50                   | 52.78                | 5755.560             | 5734.607 to 5776.393 |
|       |        |          | 20       | 44.86                | 5787.560             | 5766.67 to 5808.33   | Pass                 |
|       | 52.78  | 5787.500 |          | 5766.67 to 5808.33   | Pass                 |                      |                      |
|       | 60.70  | 5787.500 |          | 5766.67 to 5808.33   | Pass                 |                      |                      |
|       | 5819.5 | -30      | 52.78    | 5787.500             | 5766.67 to 5808.33   | Pass                 |                      |
|       |        |          | 50       | 52.78                | 5787.500             | 5766.67 to 5808.33   | Pass                 |
|       |        |          | 20       | 44.86                | 5819.620             | 5798.627 to 5840.373 | Pass                 |
|       |        | 52.78    |          | 5819.500             | 5798.627 to 5840.373 | Pass                 |                      |
| 60.70 |        | 5819.560 |          | 5798.627 to 5840.373 | Pass                 |                      |                      |
| -30   |        | 52.78    | 5819.440 | 5798.627 to 5840.373 | Pass                 |                      |                      |
|       | 50     | 52.78    | 5819.500 | 5798.627 to 5840.373 | Pass                 |                      |                      |
| 80M   | MIMO   | 5765.5   | 20       | 44.86                | 5765.050             | 5740.637 to 5790.363 | Pass                 |
|       |        |          |          | 52.78                | 5765.200             | 5740.637 to 5790.363 | Pass                 |
|       |        |          | 60.70    | 5765.050             | 5740.637 to 5790.363 | Pass                 |                      |
|       |        | 5787.5   | -30      | 52.78                | 5765.050             | 5740.637 to 5790.363 | Pass                 |
|       |        |          |          | 50                   | 52.78                | 5765.125             | 5740.637 to 5790.363 |
|       |        |          | 20       | 44.86                | 5786.975             | 5762.838 to 5812.162 | Pass                 |
|       | 52.78  | 5787.050 |          | 5762.838 to 5812.162 | Pass                 |                      |                      |
|       | 60.70  | 5787.050 |          | 5762.838 to 5812.162 | Pass                 |                      |                      |



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|  |  |        |       |          |                  |                      |      |
|--|--|--------|-------|----------|------------------|----------------------|------|
|  |  | 5809.5 | -30   | 52.78    | 5786.900         | 5762.838 to 5812.162 | Pass |
|  |  |        | 50    | 52.78    | 5786.900         | 5762.838 to 5812.162 | Pass |
|  |  |        | 20    | 44.86    | 5809.125         | 5784.7 to 5834.3     | Pass |
|  |  |        |       | 52.78    | 5809.275         | 5784.7 to 5834.3     | Pass |
|  |  |        | 60.70 | 5809.125 | 5784.7 to 5834.3 | Pass                 |      |
|  |  |        | -30   | 52.78    | 5809.125         | 5784.7 to 5834.3     | Pass |
|  |  |        | 50    | 52.78    | 5809.125         | 5784.7 to 5834.3     | Pass |



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**For ANT 2 & ANT 3:**

**1. Duty Cycle**

**1.1 Test Result**

**1.1.1 Ant2**

| Ant2 |         |                 |           |             |                |                                   |                       |
|------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 10M  | MIMO    | 5730.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
|      |         | 5787.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
|      |         | 5844.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
| 20M  | MIMO    | 5735.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
|      |         | 5787.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
|      |         | 5839.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
| 40M  | MIMO    | 5745.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
|      |         | 5787.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
|      |         | 5829.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
| 60M  | MIMO    | 5755.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
|      |         | 5787.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
|      |         | 5819.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
| 80M  | MIMO    | 5765.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
|      |         | 5787.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |
|      |         | 5809.5          | 100.000   | 100.000     | 100.00         | 0.00                              | 0.00                  |

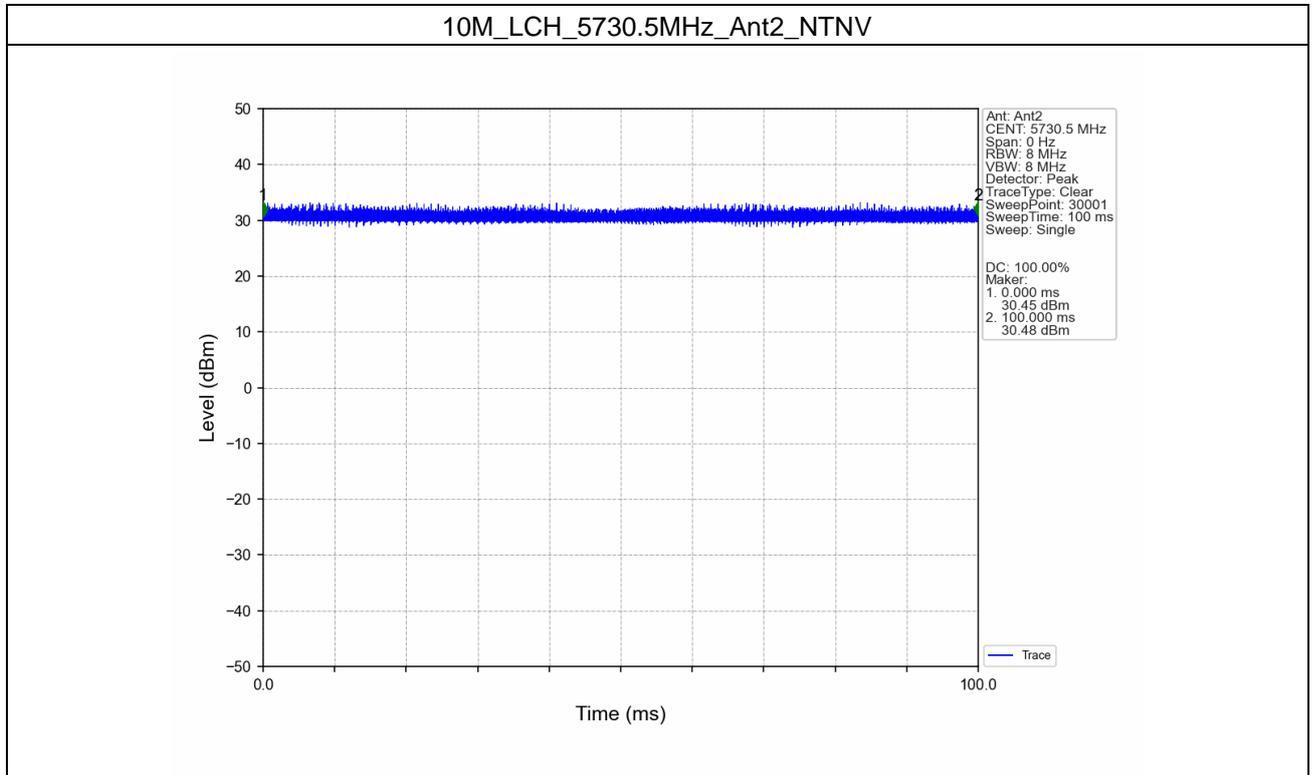


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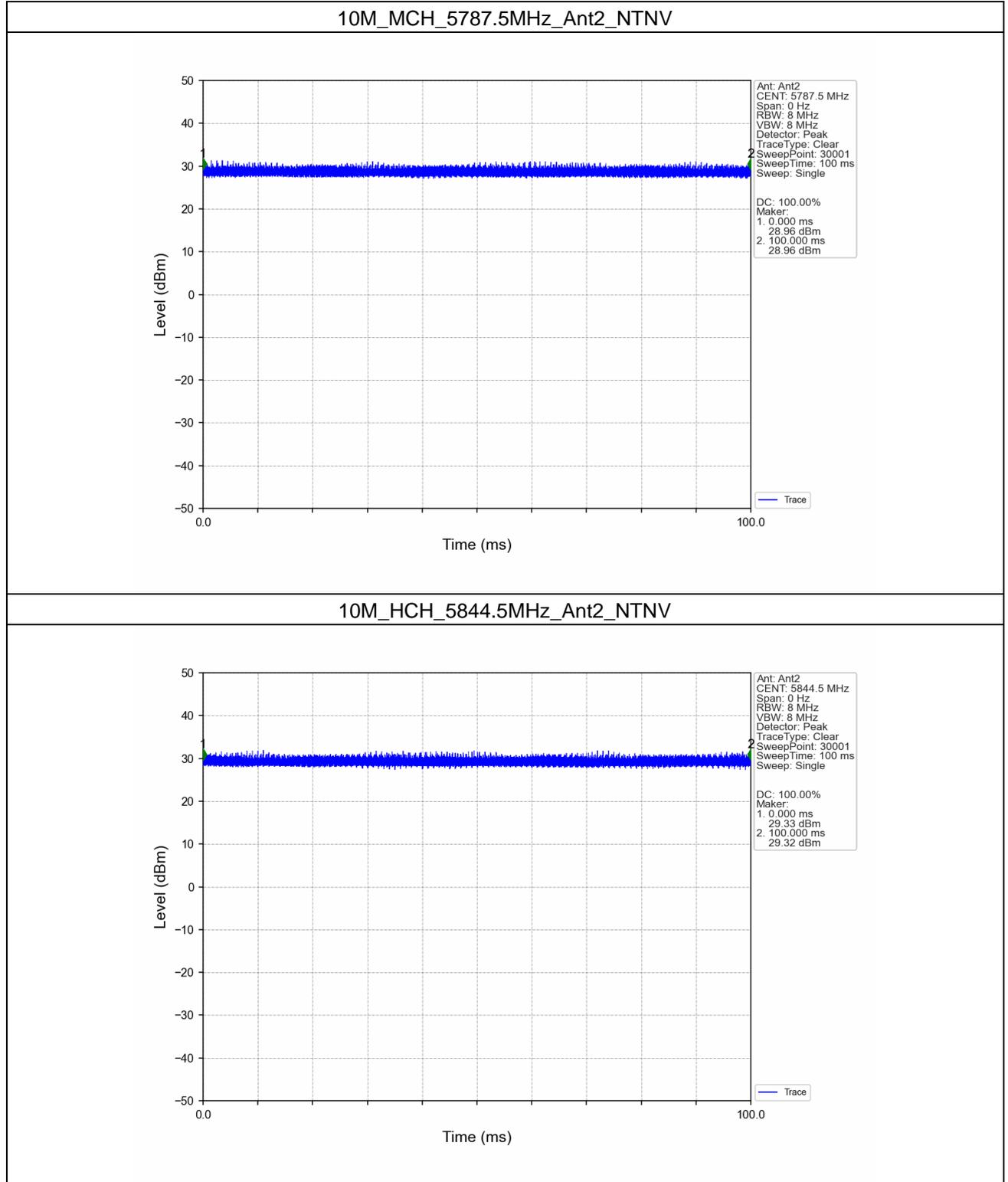
### 1.2 Test Graph

#### 1.2.1 Ant2



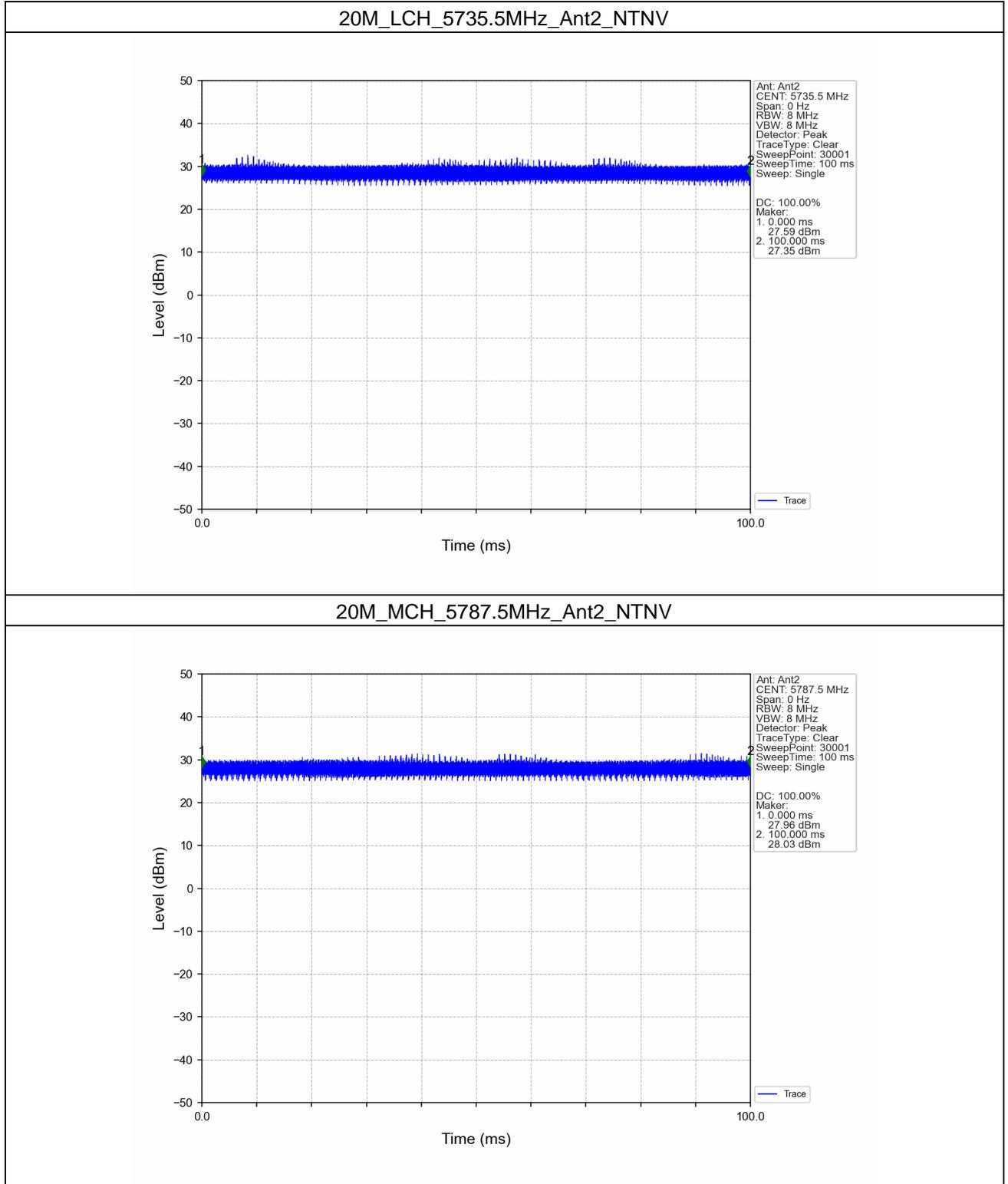
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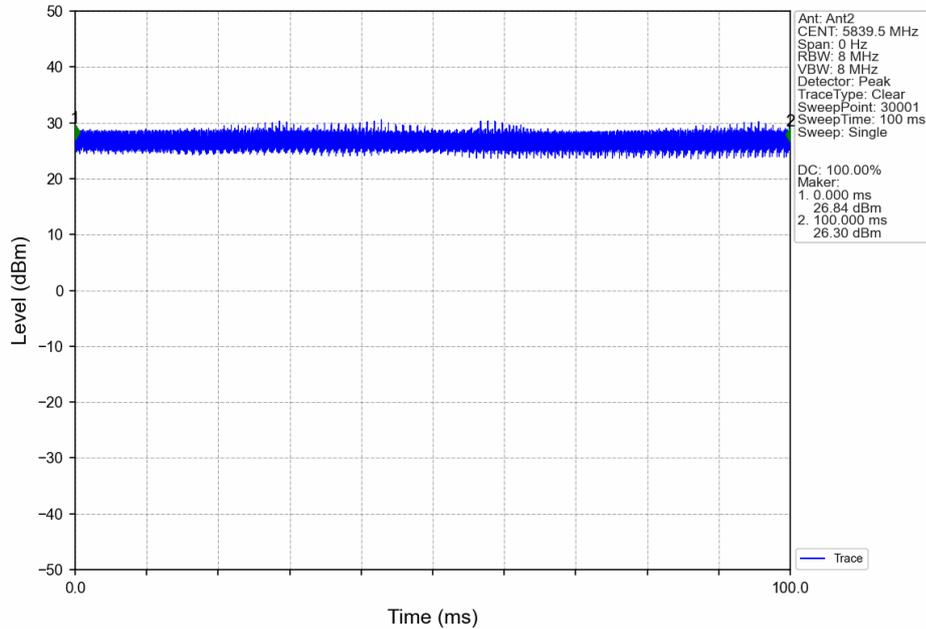
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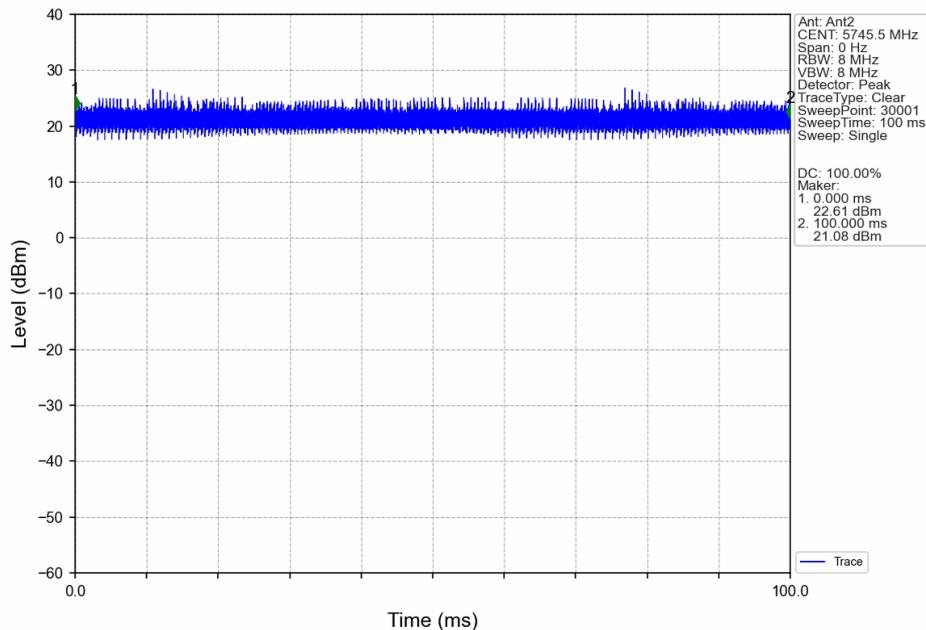


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20M\_HCH\_5839.5MHz\_Ant2\_NTNV

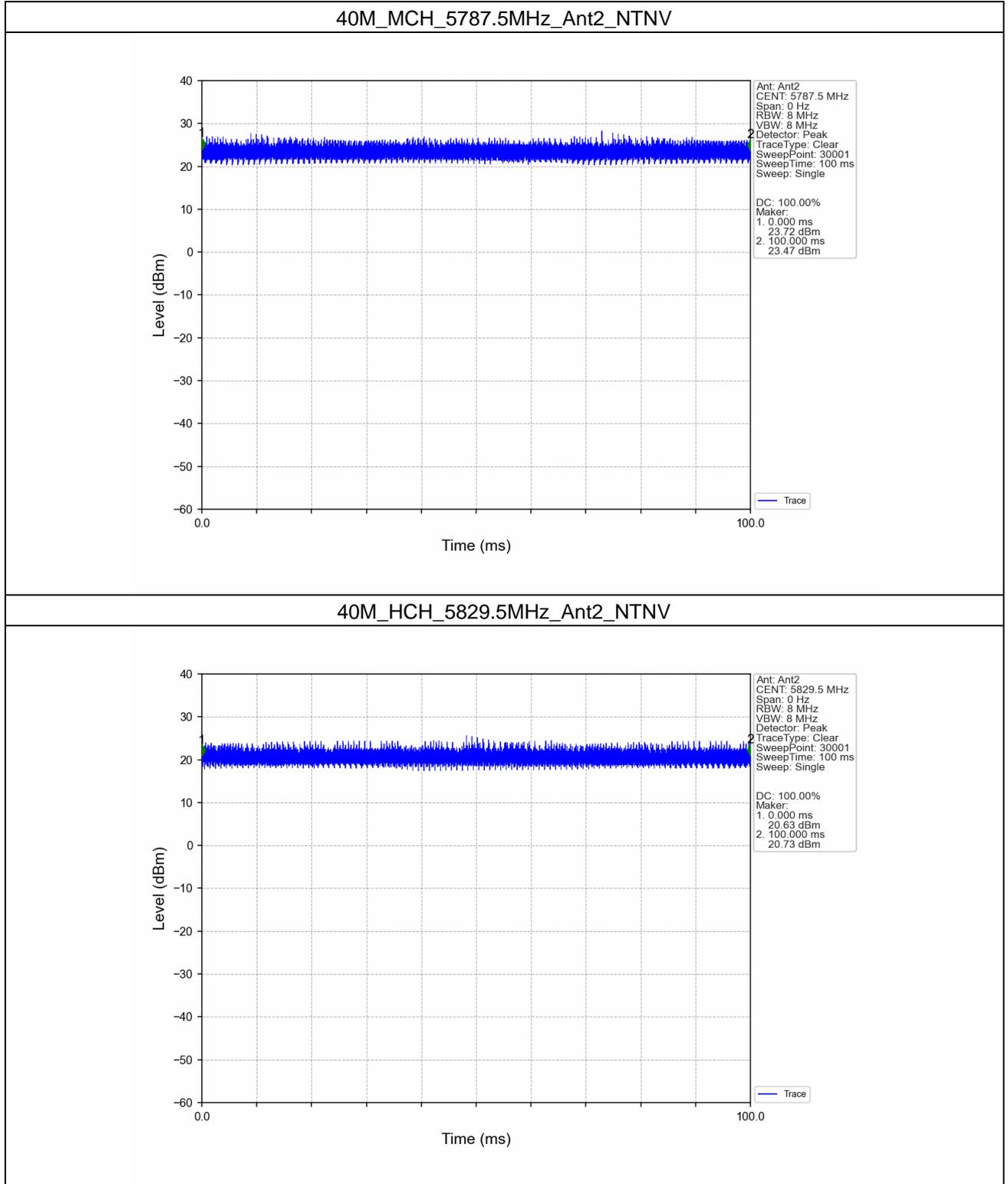


40M\_LCH\_5745.5MHz\_Ant2\_NTNV

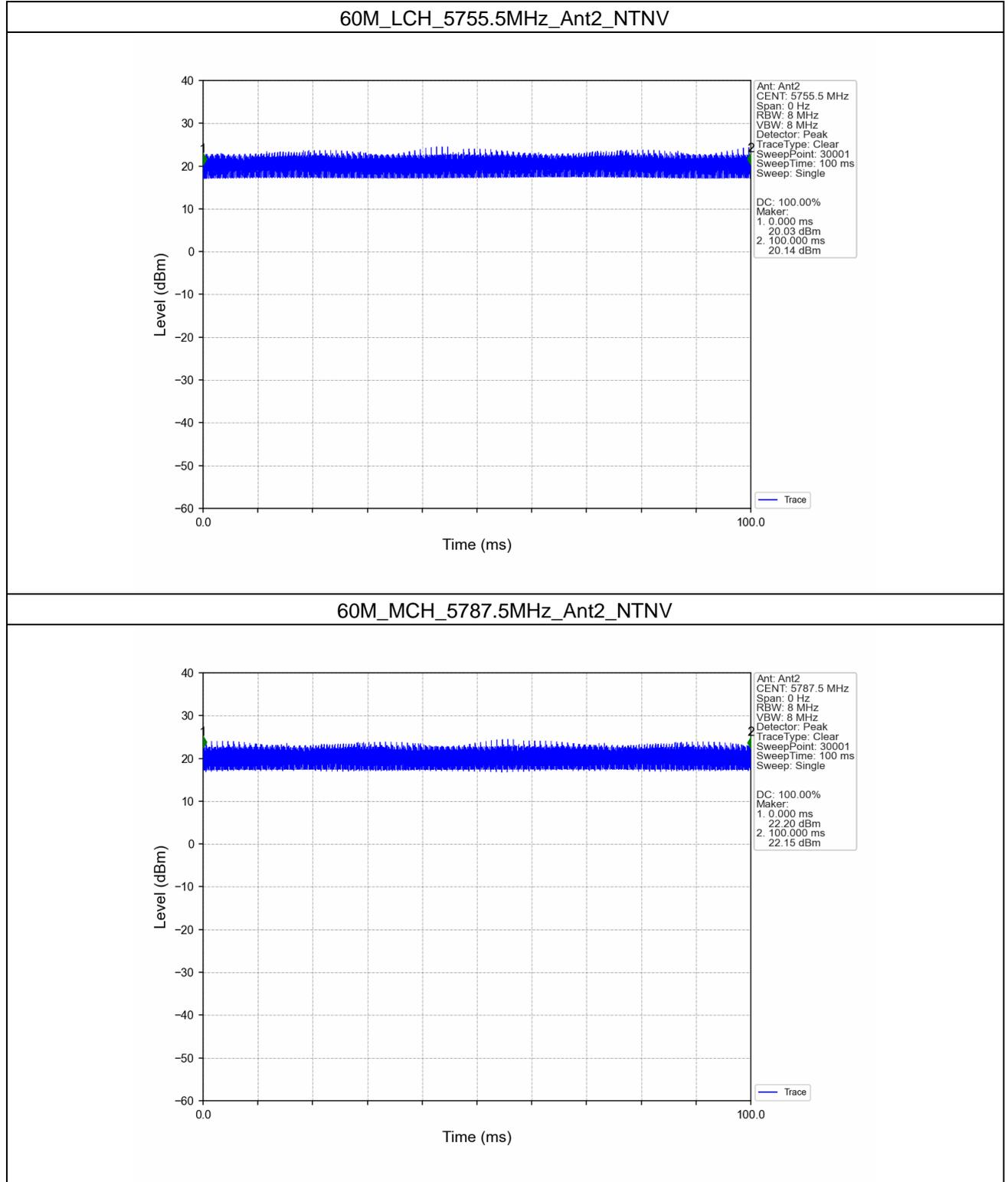


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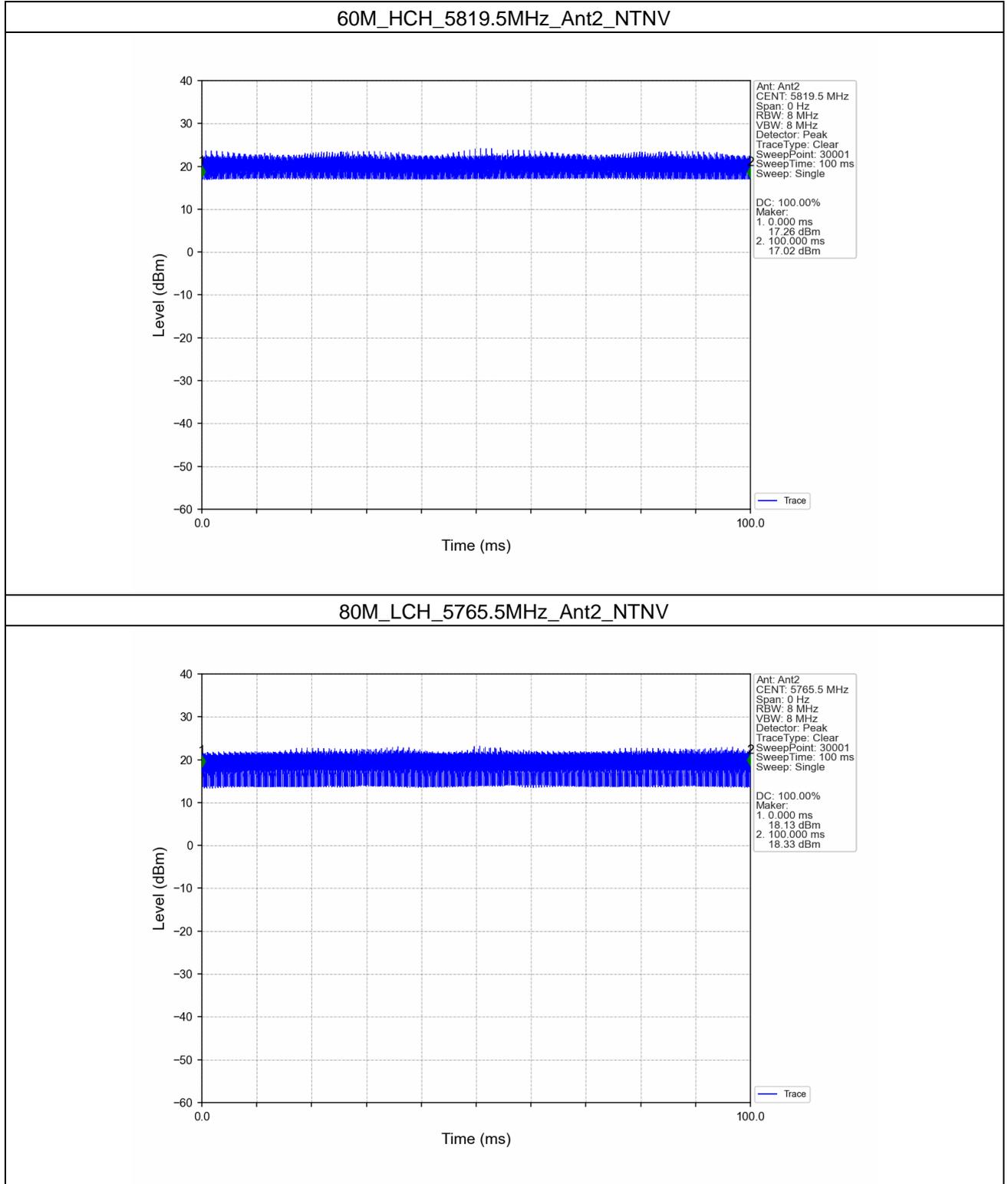


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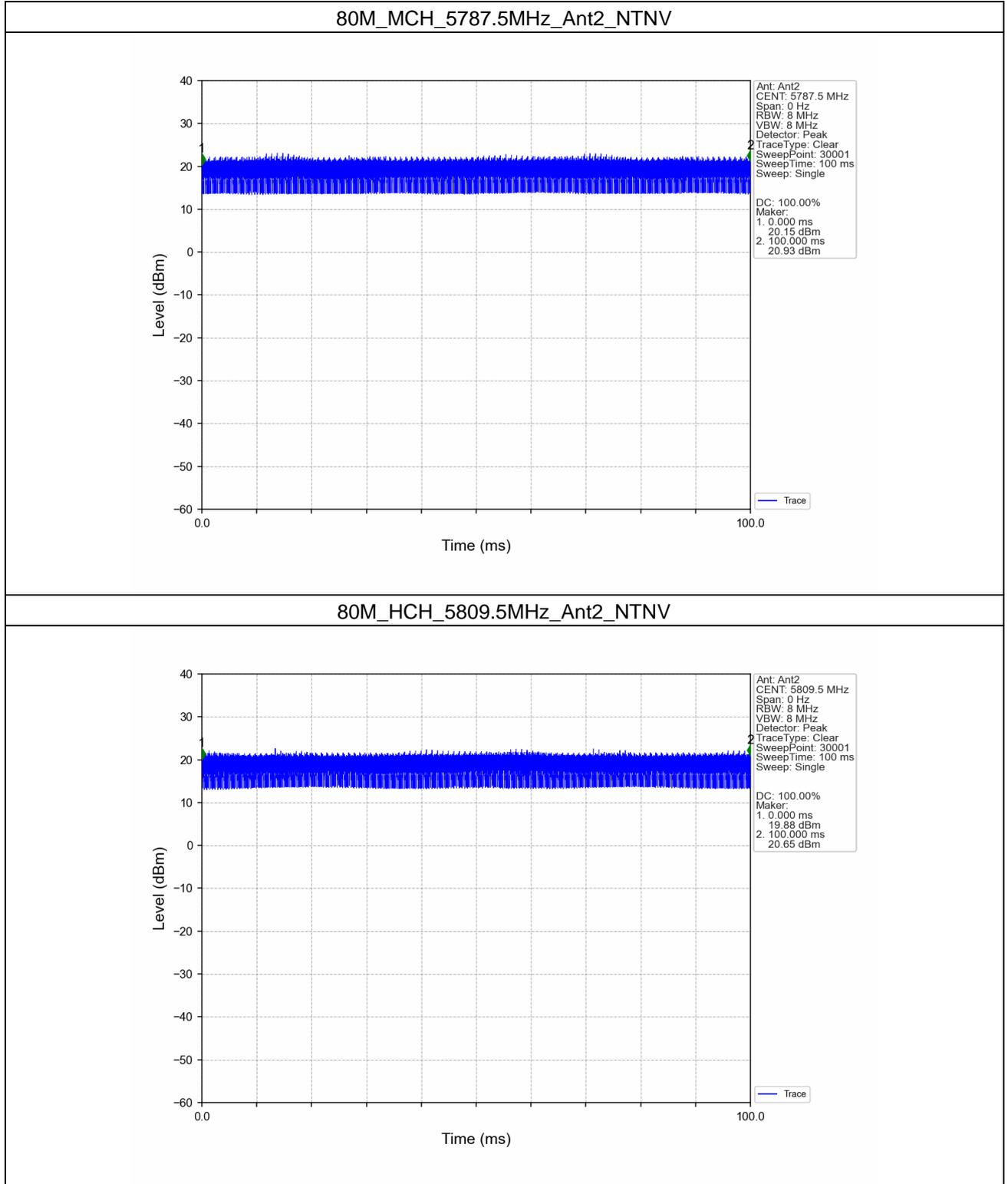
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## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------|---------|-----------------|-----|------------------------------|-------|---------|
|      |         |                 |     | Result                       | Limit |         |
| 10M  | MIMO    | 5730.5          | 2   | 9.272                        | /     | Pass    |
|      |         | 5787.5          | 2   | 9.148                        | /     | Pass    |
|      |         | 5844.5          | 2   | 9.163                        | /     | Pass    |
| 20M  | MIMO    | 5735.5          | 2   | 17.950                       | /     | Pass    |
|      |         | 5787.5          | 2   | 17.942                       | /     | Pass    |
|      |         | 5839.5          | 2   | 17.875                       | /     | Pass    |
| 40M  | MIMO    | 5745.5          | 2   | 31.836                       | /     | Pass    |
|      |         | 5787.5          | 2   | 32.037                       | /     | Pass    |
|      |         | 5829.5          | 2   | 31.772                       | /     | Pass    |
| 60M  | MIMO    | 5755.5          | 2   | 52.098                       | /     | Pass    |
|      |         | 5787.5          | 2   | 52.227                       | /     | Pass    |
|      |         | 5819.5          | 2   | 52.257                       | /     | Pass    |
| 80M  | MIMO    | 5765.5          | 2   | 61.891                       | /     | Pass    |
|      |         | 5787.5          | 2   | 61.941                       | /     | Pass    |
|      |         | 5809.5          | 2   | 62.010                       | /     | Pass    |

#### 2.1.2 6dB BW

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 10M  | MIMO    | 5730.5          | 2   | 9.035               | $\geq 0.5$ | Pass    |
|      |         | 5787.5          | 2   | 9.035               | $\geq 0.5$ | Pass    |
|      |         | 5844.5          | 2   | 9.040               | $\geq 0.5$ | Pass    |
| 20M  | MIMO    | 5735.5          | 2   | 17.729              | $\geq 0.5$ | Pass    |
|      |         | 5787.5          | 2   | 17.728              | $\geq 0.5$ | Pass    |
|      |         | 5839.5          | 2   | 17.750              | $\geq 0.5$ | Pass    |
| 40M  | MIMO    | 5745.5          | 2   | 22.699              | $\geq 0.5$ | Pass    |
|      |         | 5787.5          | 2   | 22.736              | $\geq 0.5$ | Pass    |
|      |         | 5829.5          | 2   | 21.810              | $\geq 0.5$ | Pass    |
| 60M  | MIMO    | 5755.5          | 2   | 41.217              | $\geq 0.5$ | Pass    |
|      |         | 5787.5          | 2   | 40.396              | $\geq 0.5$ | Pass    |



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|     |      |        |   |        |       |      |
|-----|------|--------|---|--------|-------|------|
|     |      | 5819.5 | 2 | 41.038 | >=0.5 | Pass |
| 80M | MIMO | 5765.5 | 2 | 40.908 | >=0.5 | Pass |
|     |      | 5787.5 | 2 | 40.914 | >=0.5 | Pass |
|     |      | 5809.5 | 2 | 40.823 | >=0.5 | Pass |

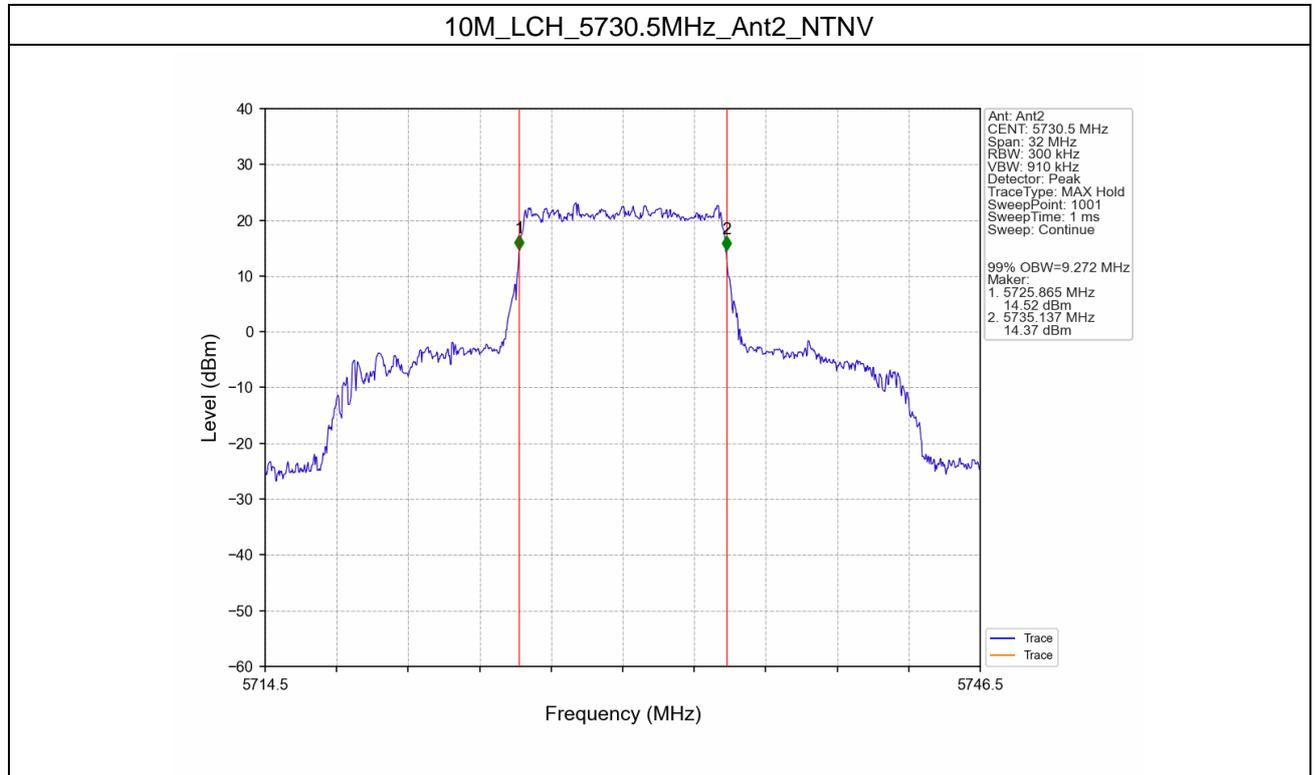


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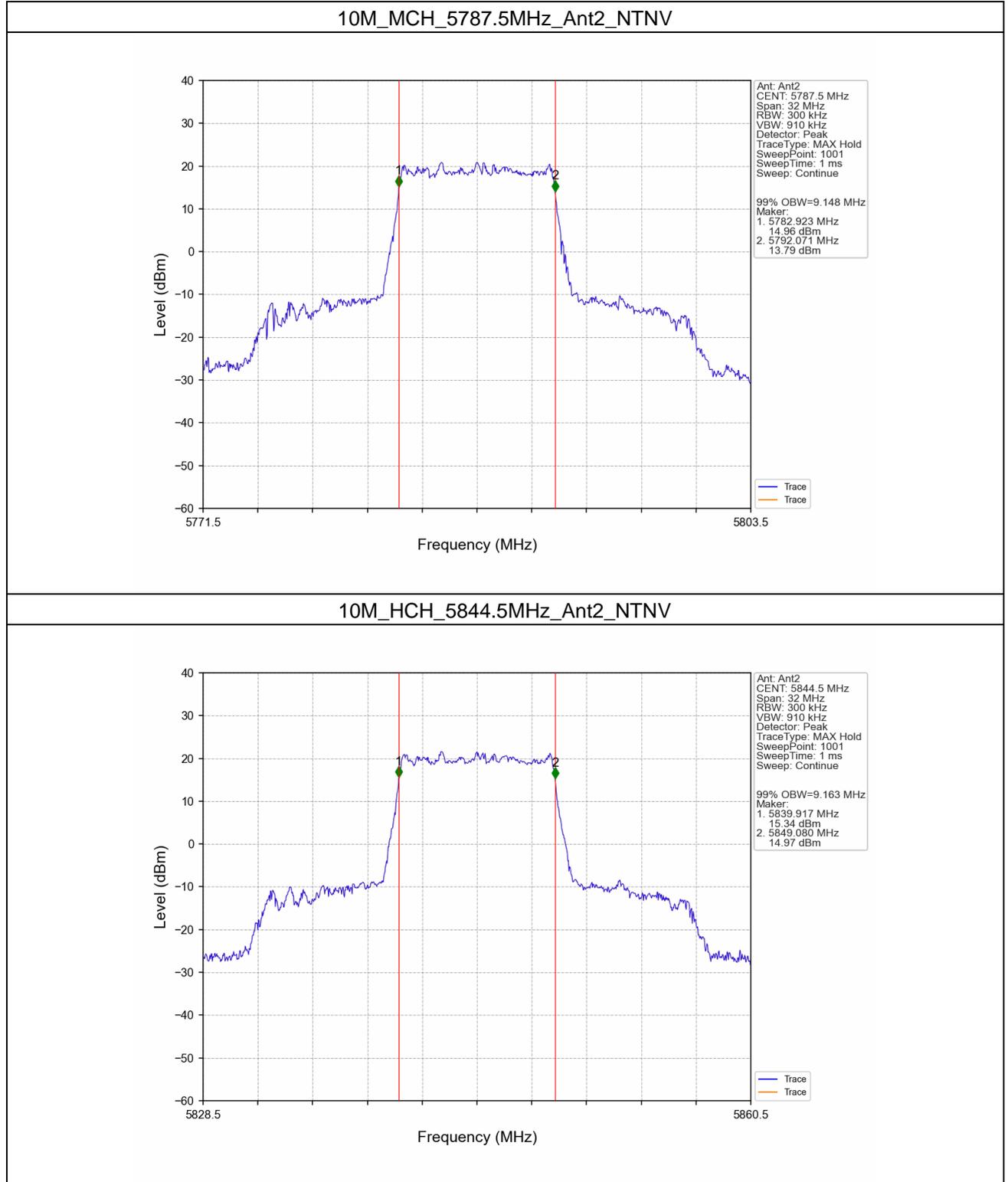
### 2.2 Test Graph

#### 2.2.1 OBW



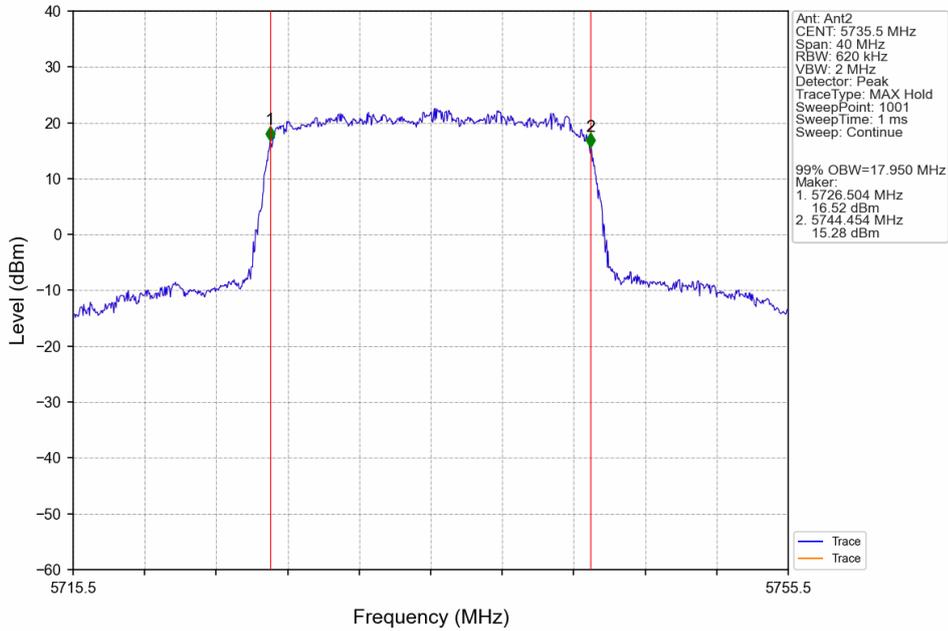
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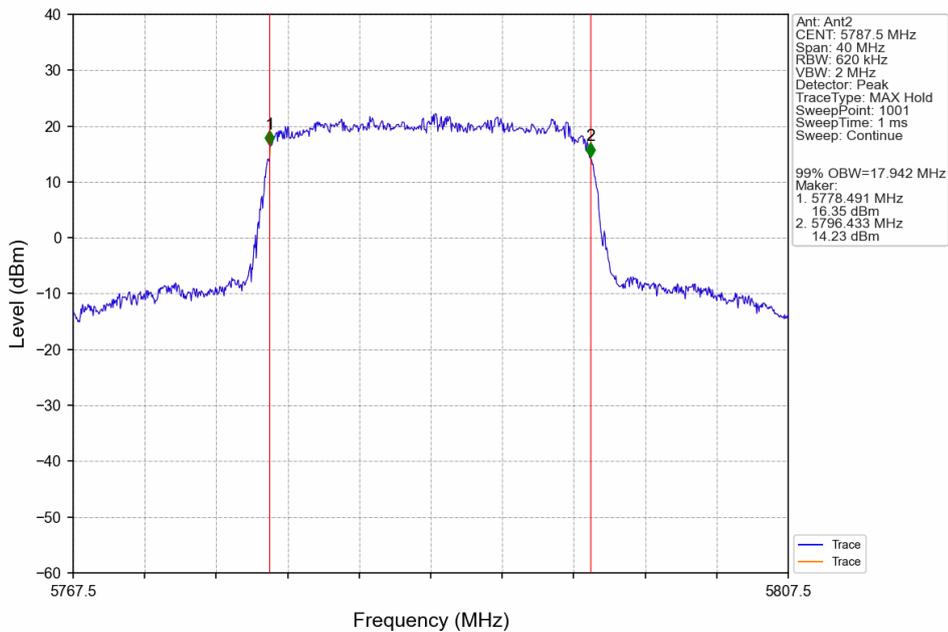


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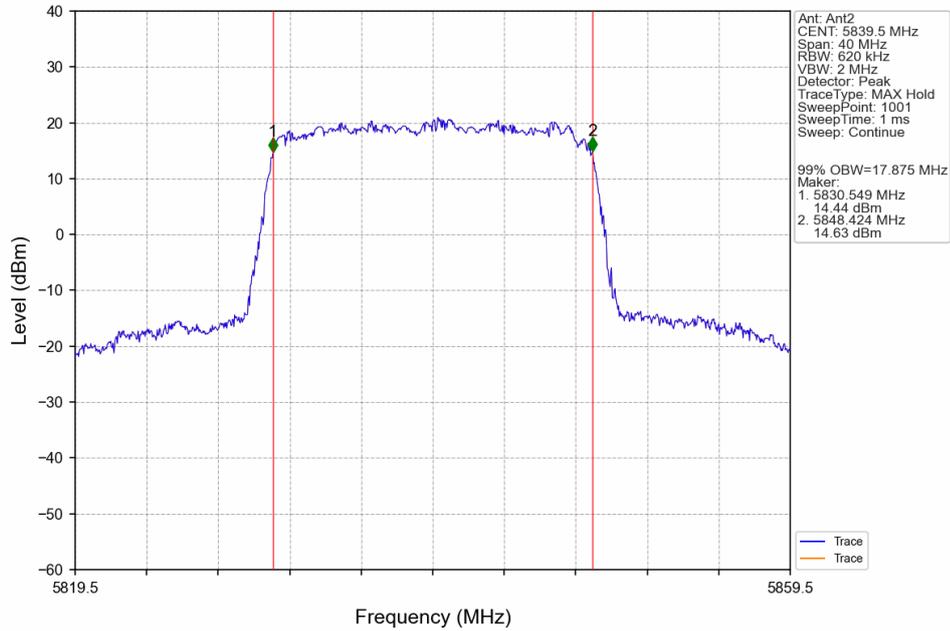


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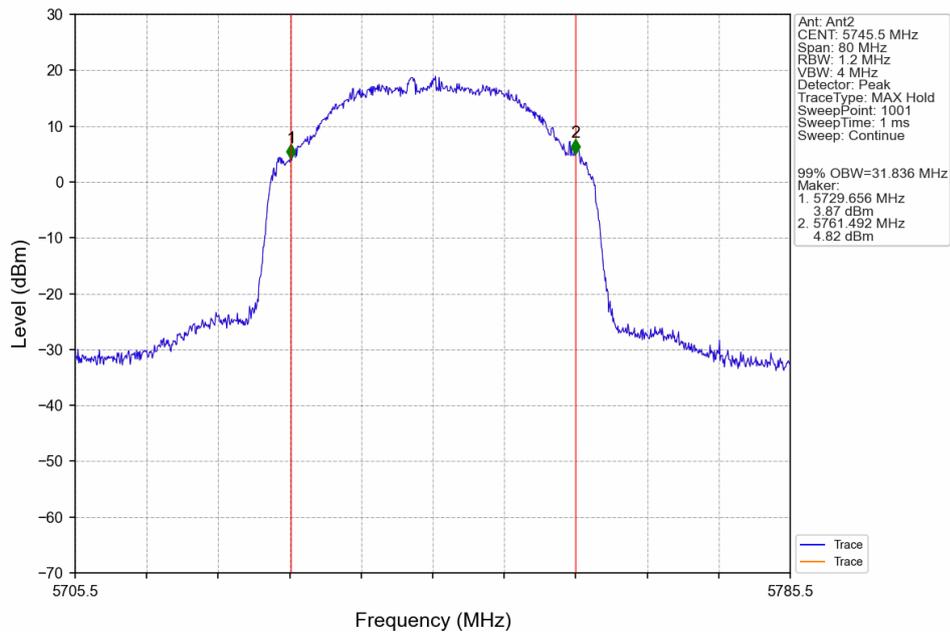


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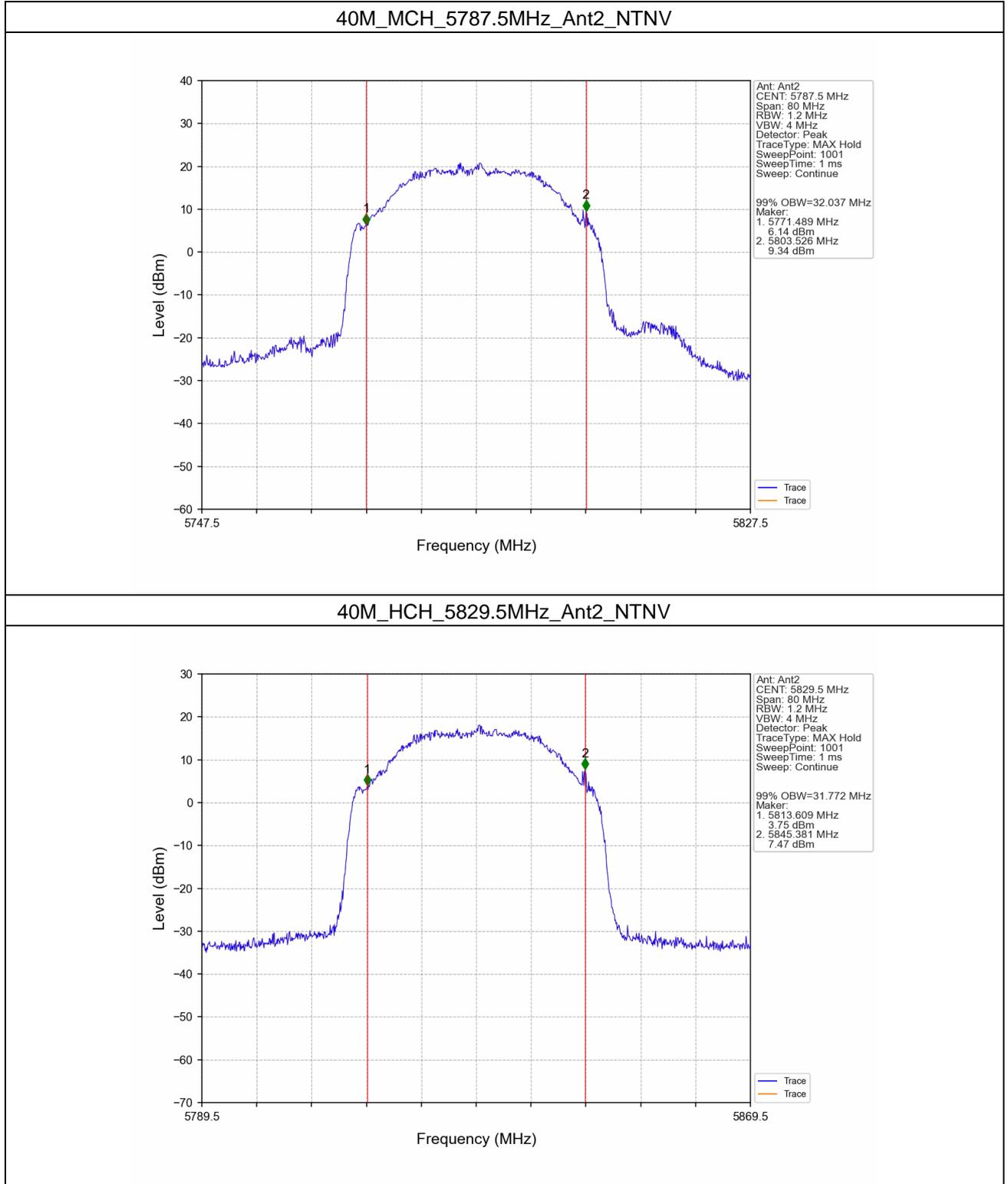


40M\_LCH\_5745.5MHz\_Ant2\_NTNV



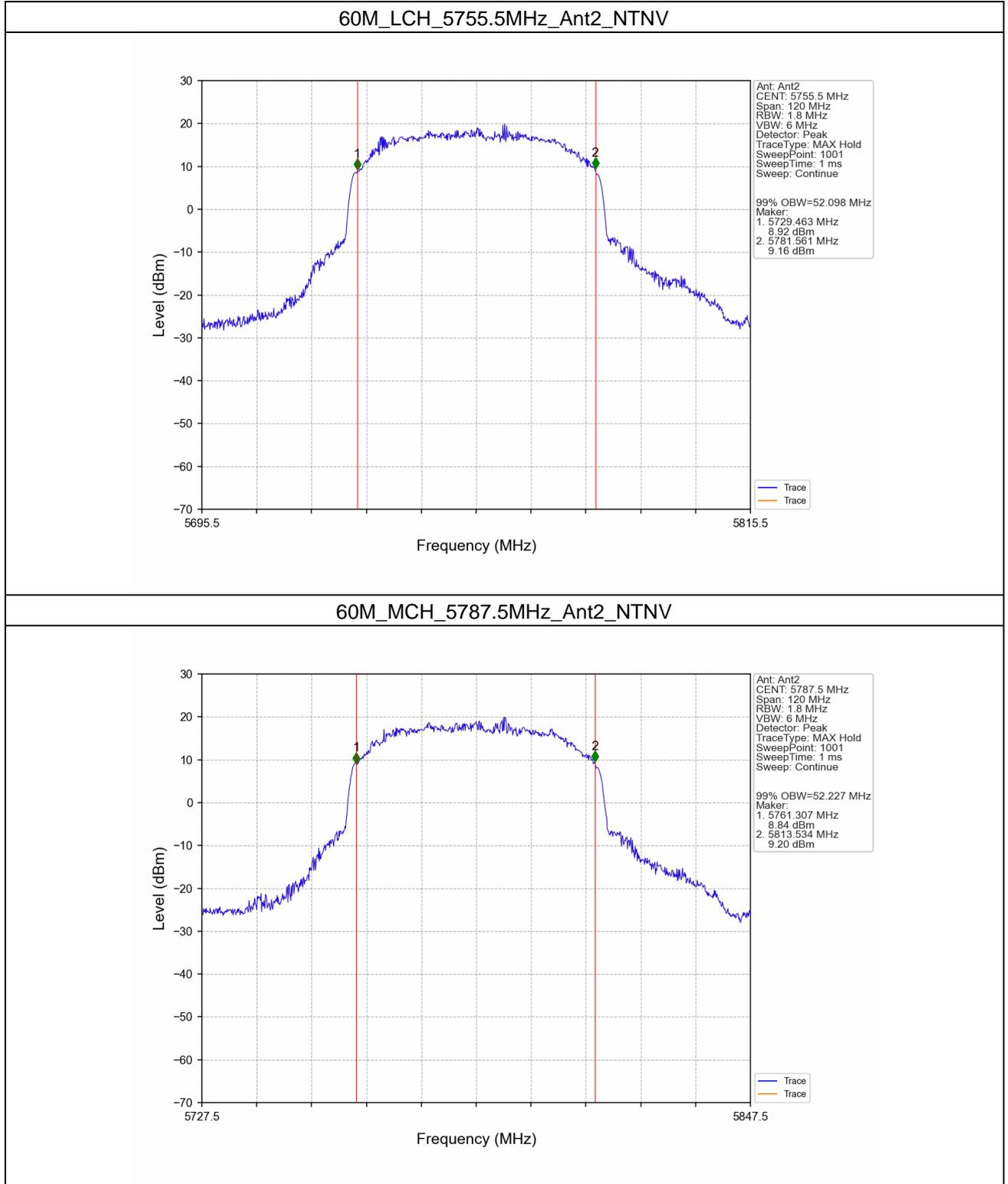
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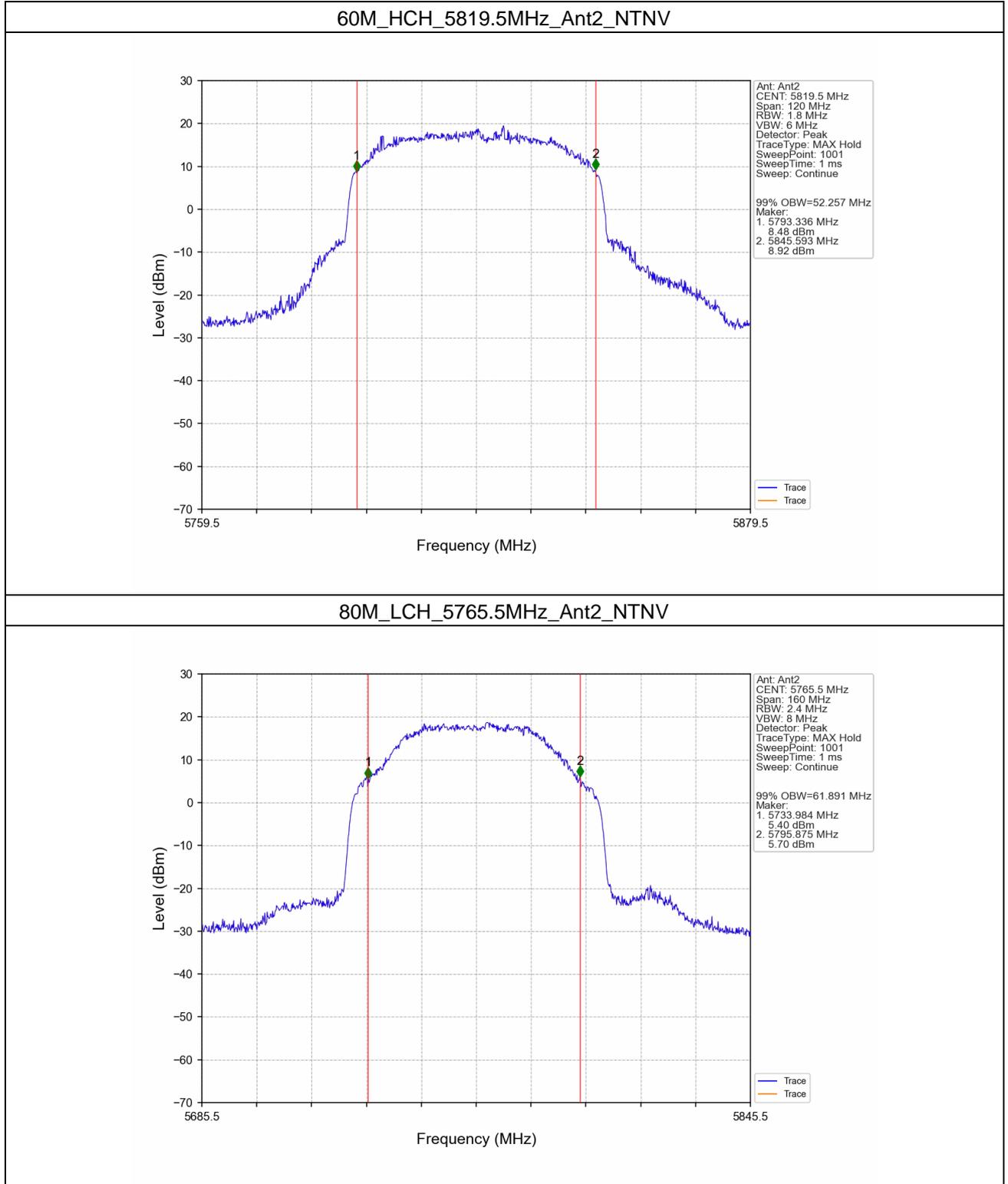
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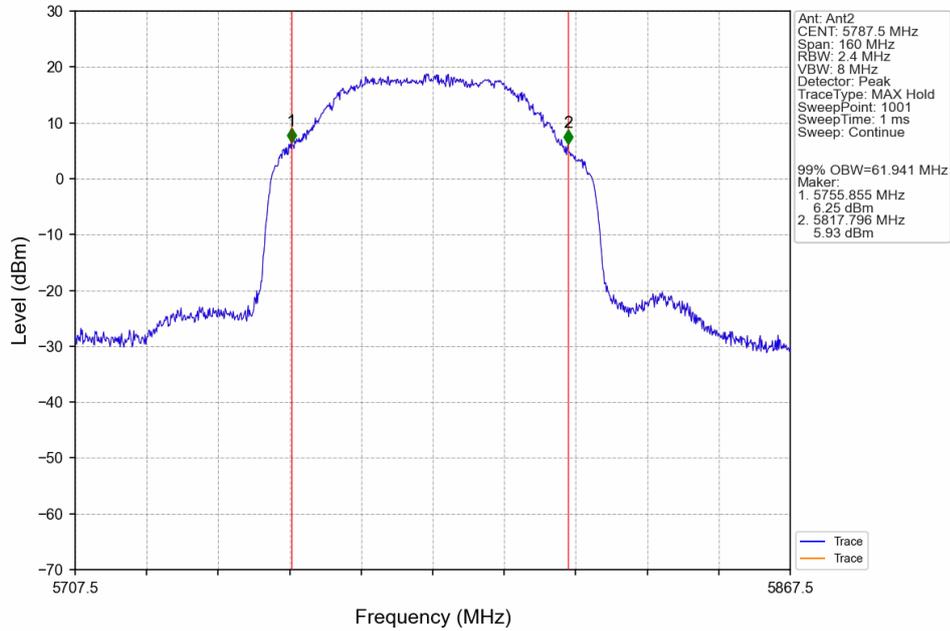
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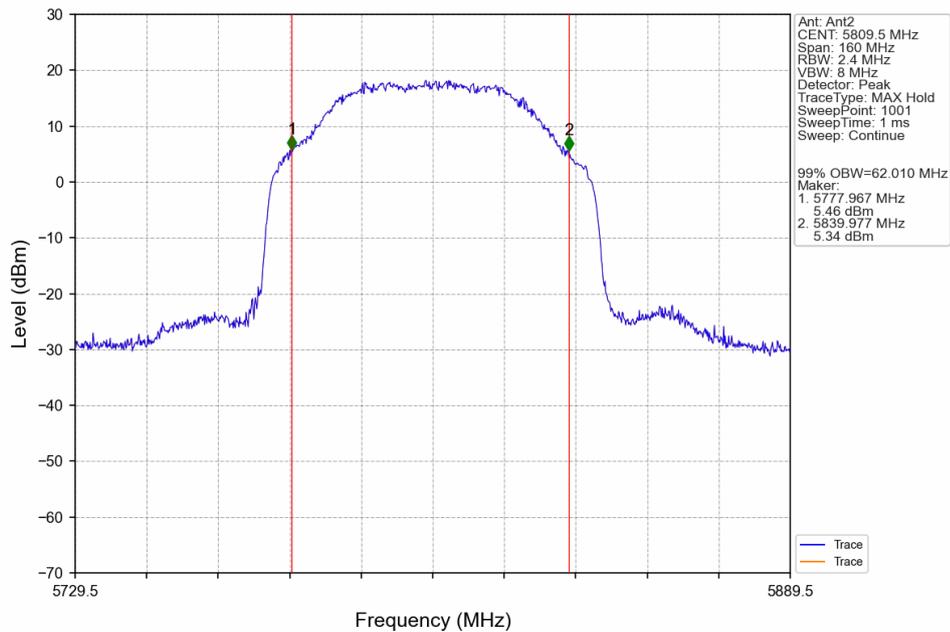
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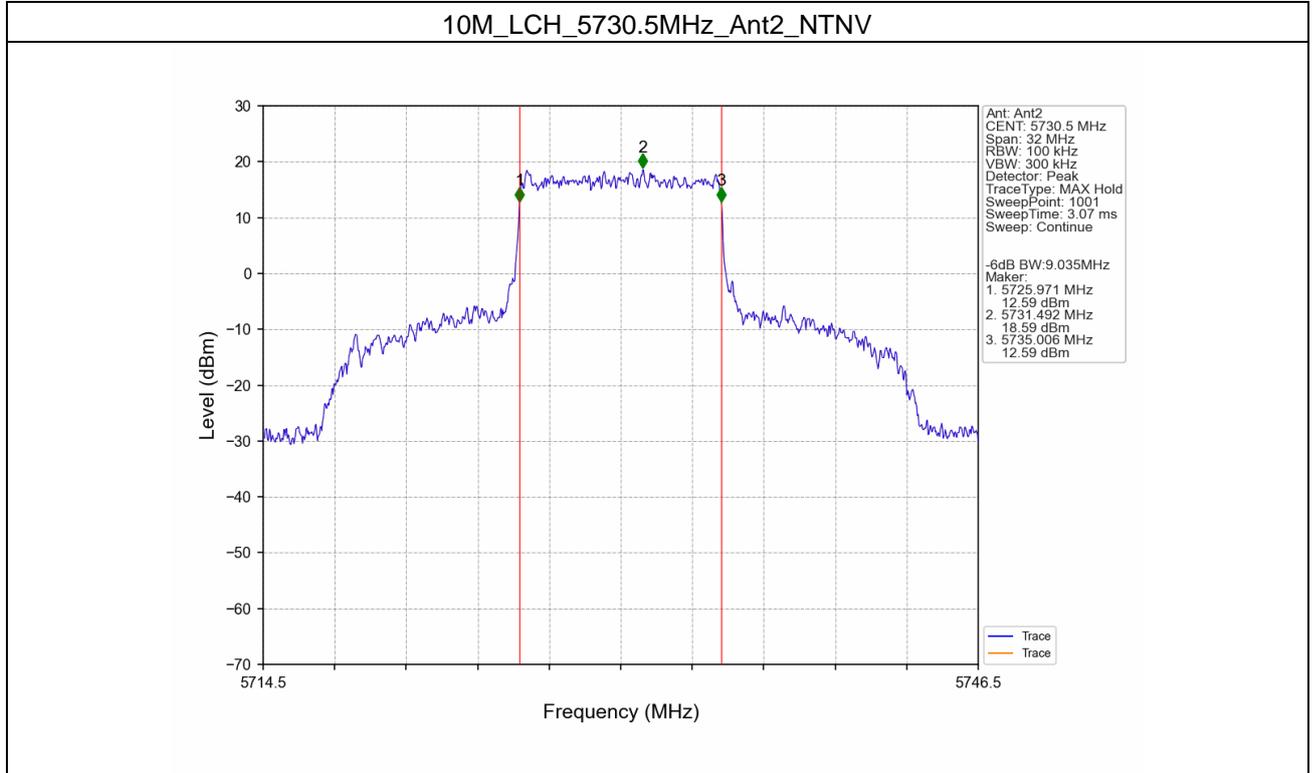
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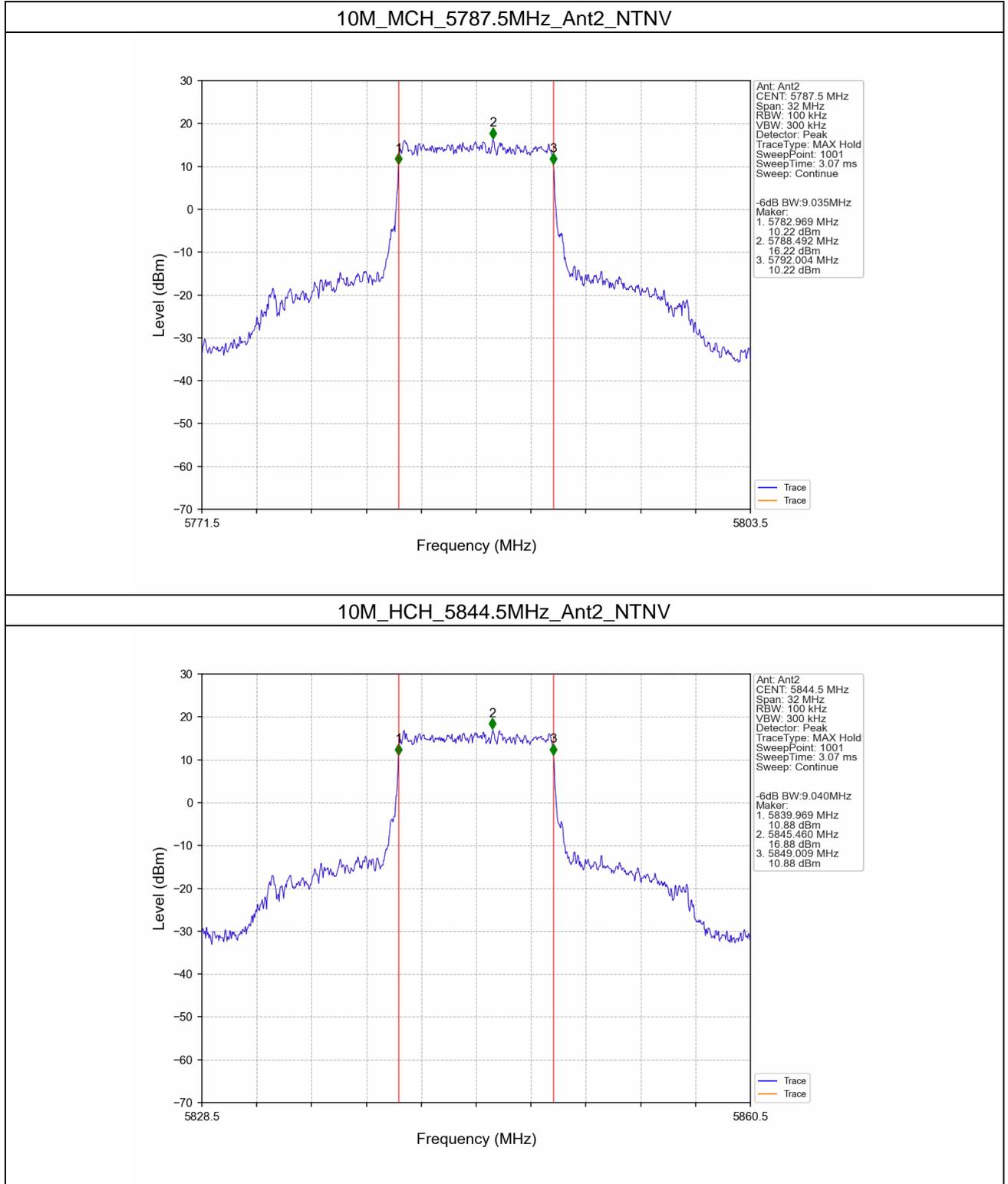
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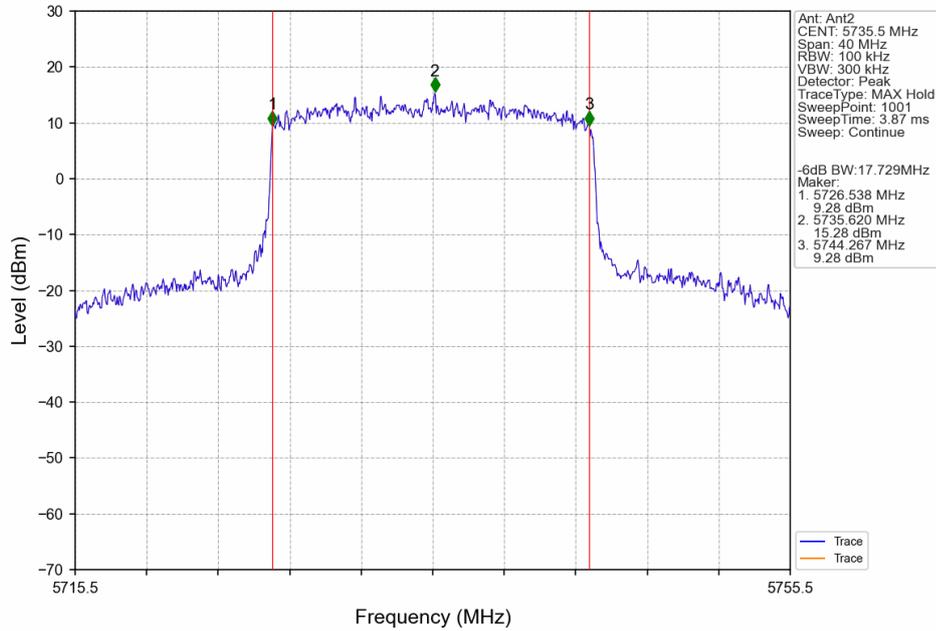
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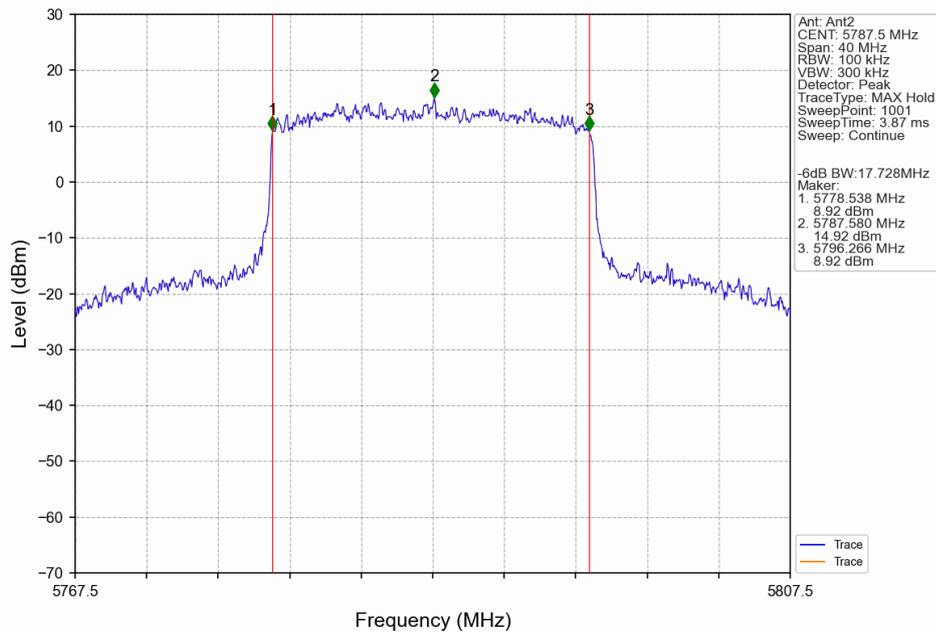


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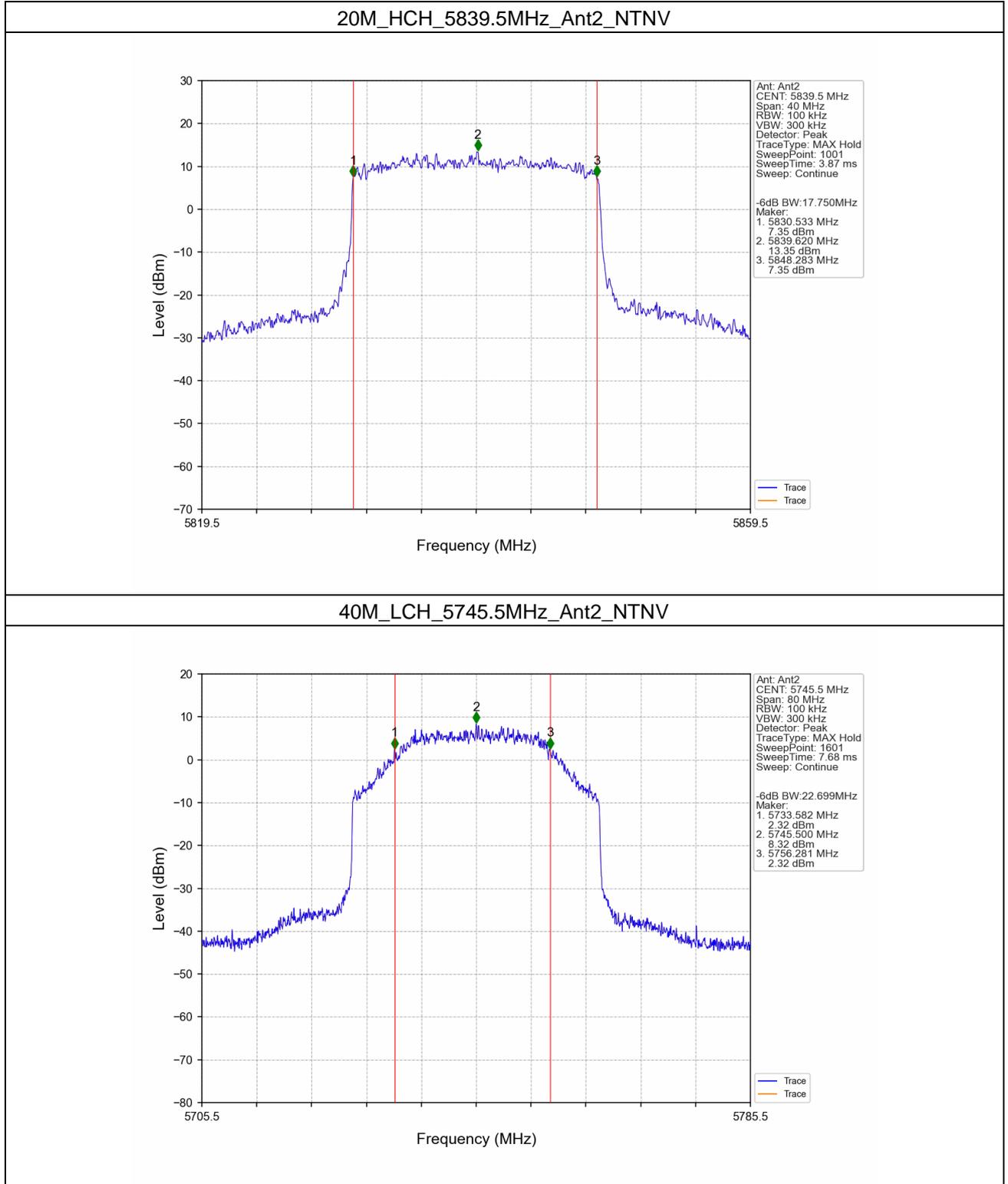


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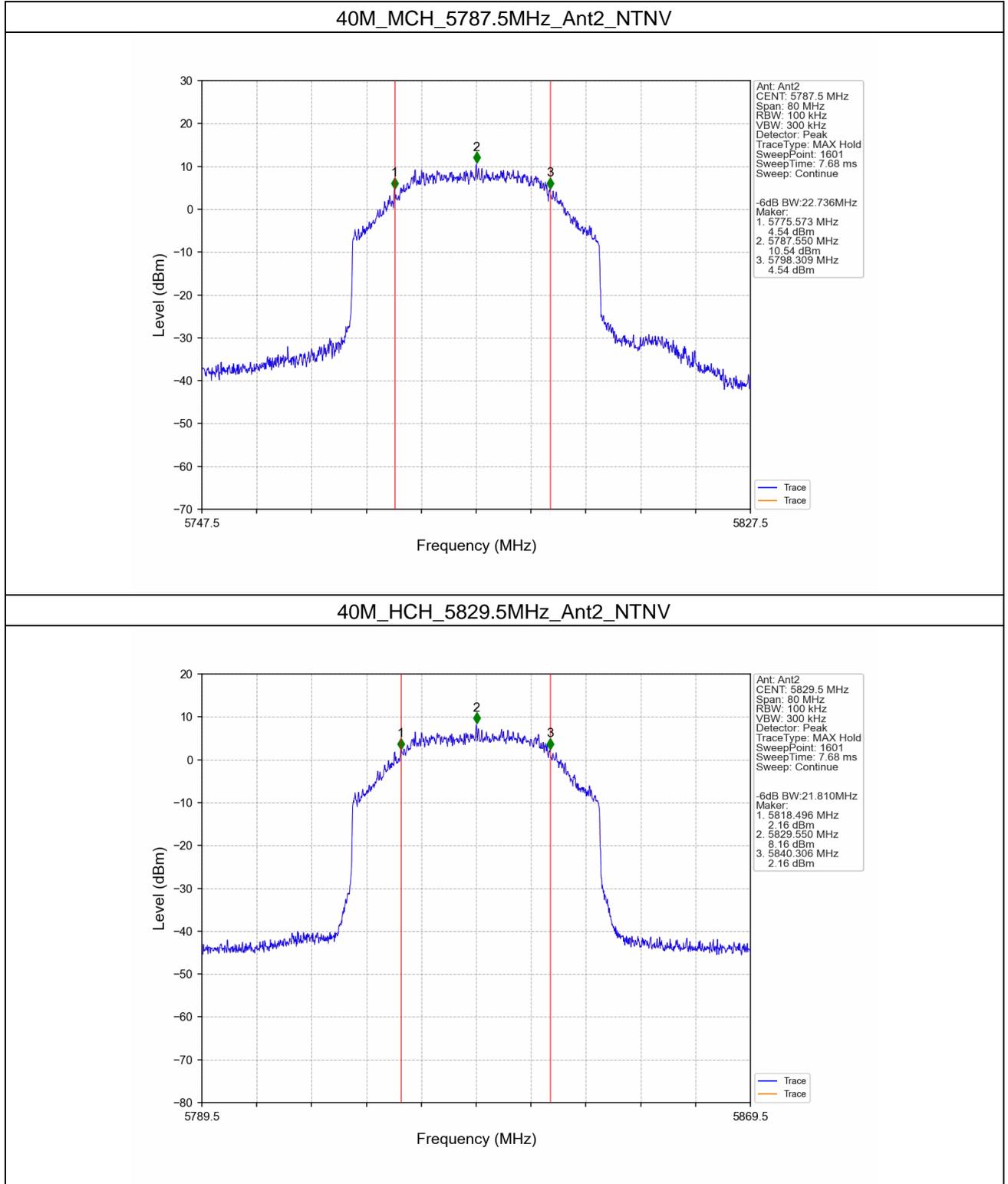


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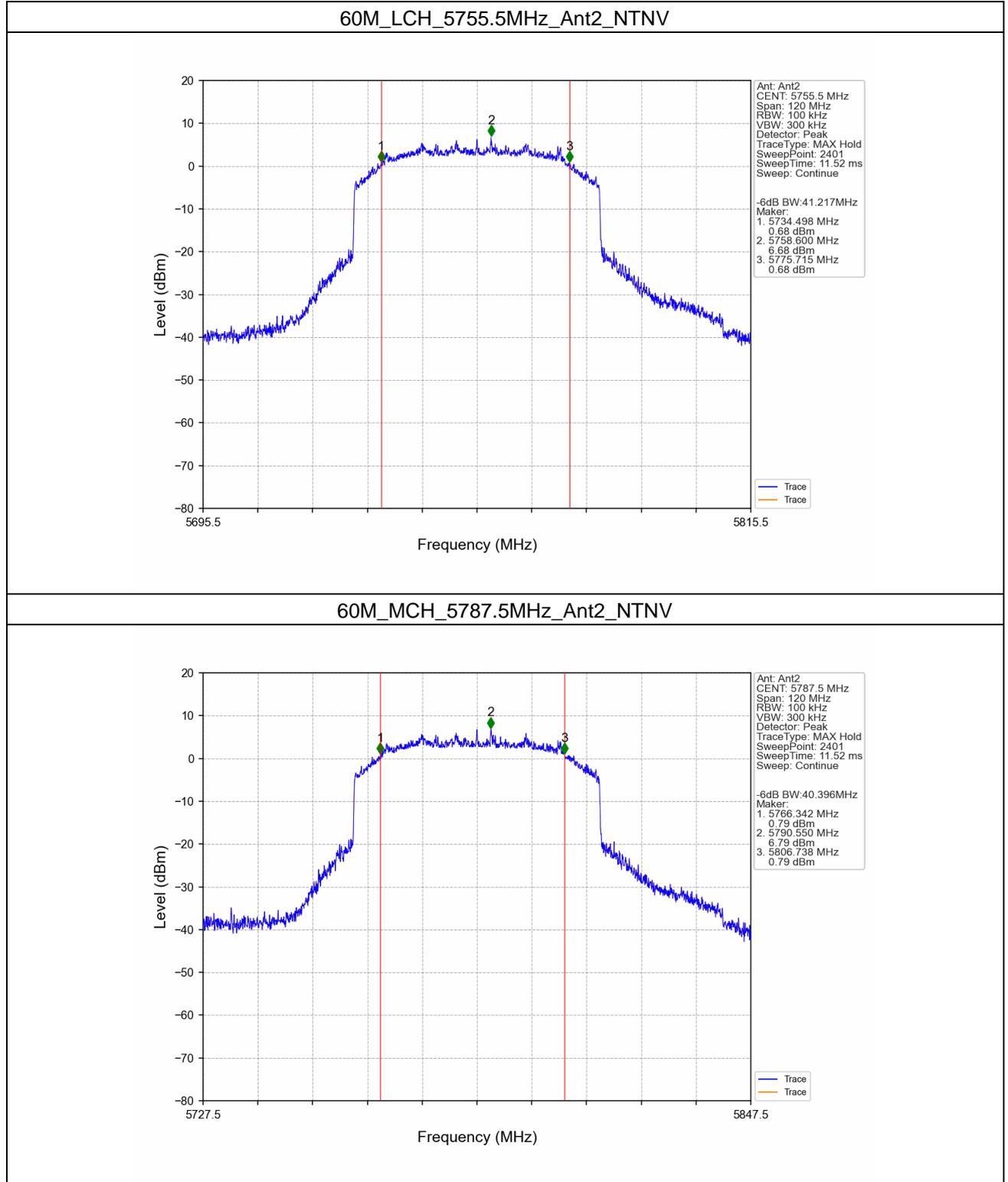
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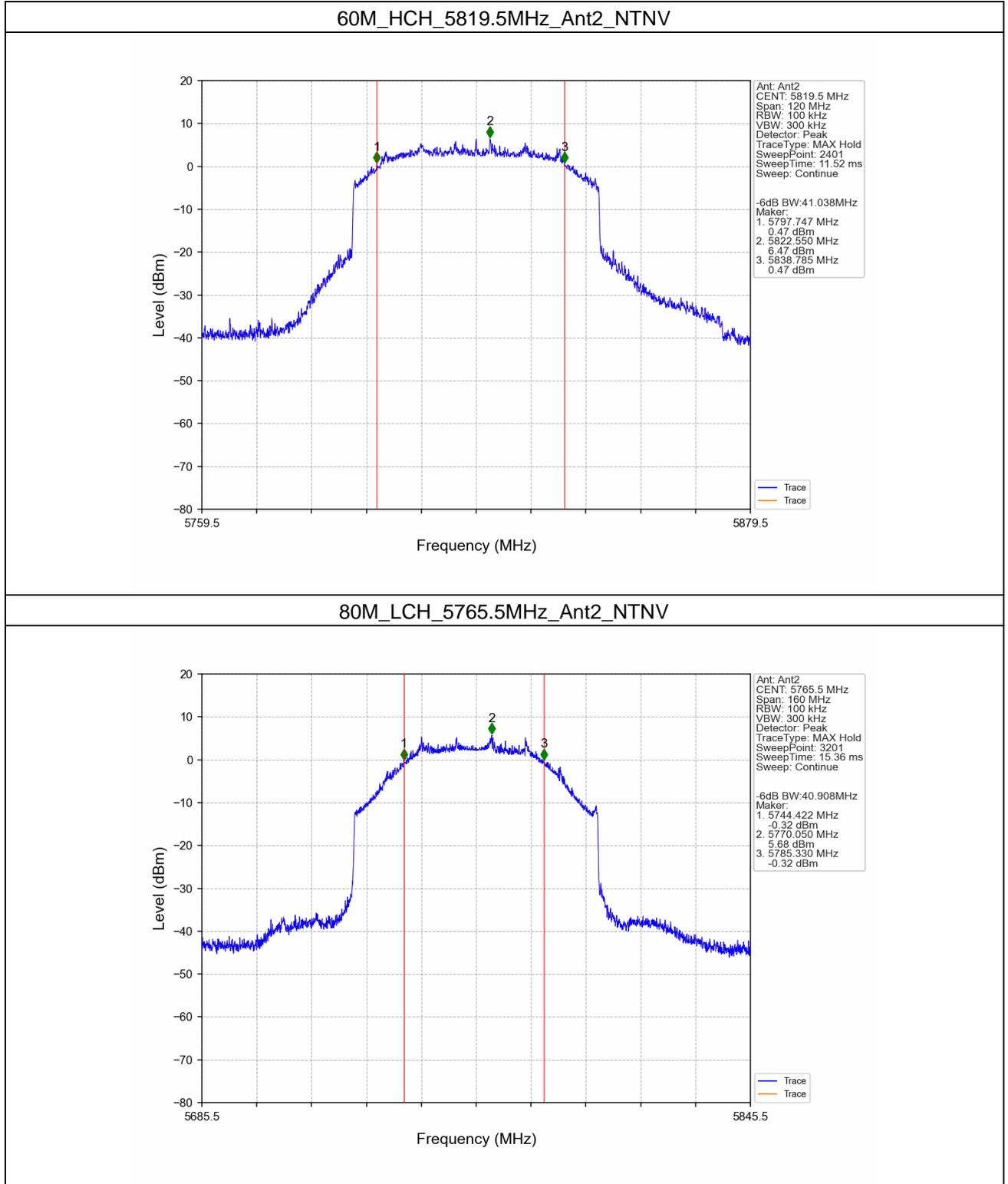
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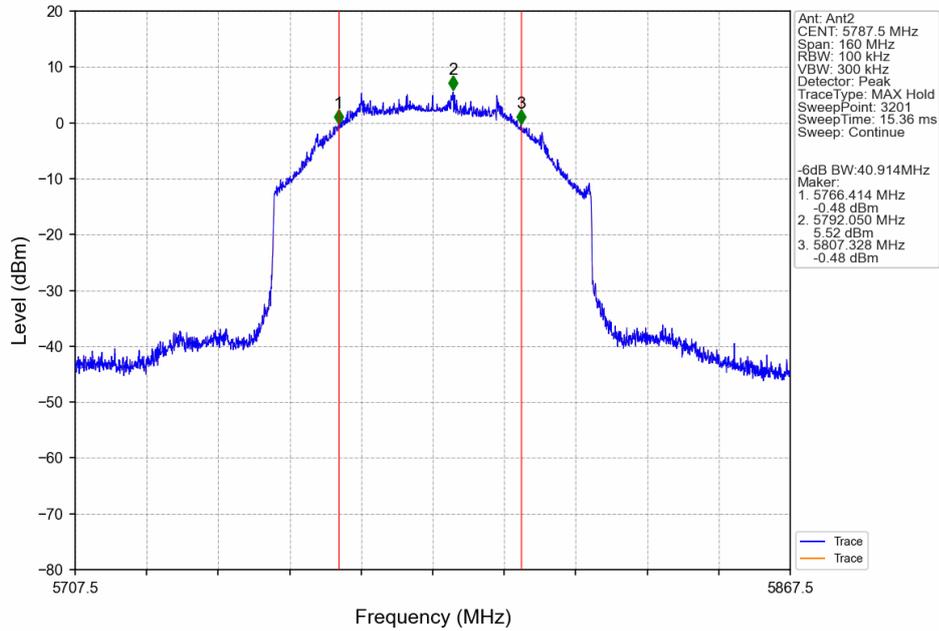


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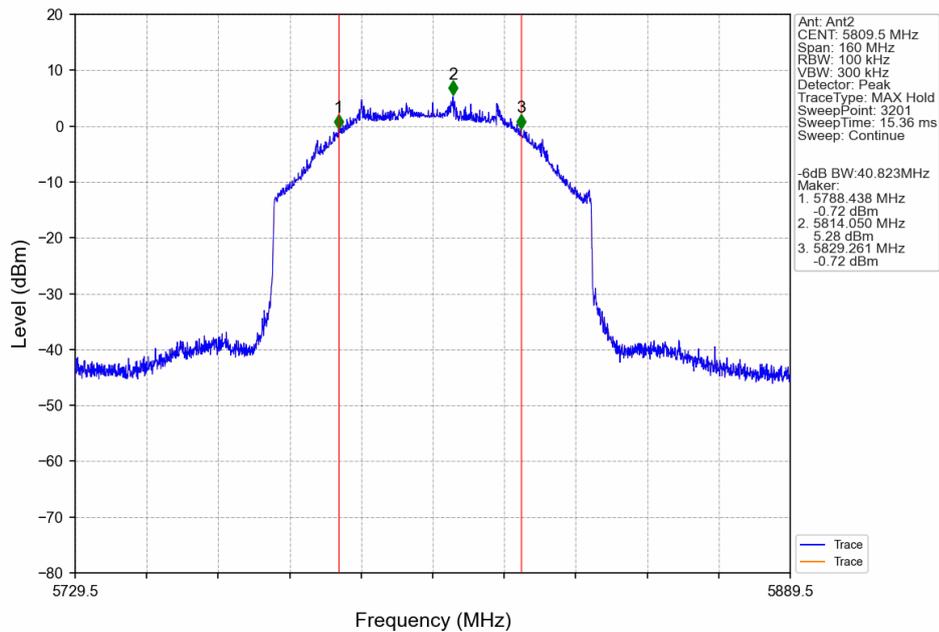


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80M\_MCH\_5787.5MHz\_Ant2\_NTNV



80M\_HCH\_5809.5MHz\_Ant2\_NTNV



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### 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 |
|------|---------|-----------------|--|-------|-------|---------|---------|
|      |         |                 | ANT2   | ANT3  | MIMO  | Limit   |         |
| 10M  | MIMO    | 5730.5          | 25.63  | 24.69 | 28.20 | <=29.99 | Pass    |
|      |         | 5787.5          | 25.52  | 24.83 | 28.20 | <=29.99 | Pass    |
|      |         | 5844.5          | 25.83  | 25.19 | 28.53 | <=29.99 | Pass    |
| 20M  | MIMO    | 5735.5          | 26.23  | 25.34 | 28.82 | <=29.99 | Pass    |
|      |         | 5787.5          | 25.83  | 25.02 | 28.45 | <=29.99 | Pass    |
|      |         | 5839.5          | 24.49  | 23.82 | 27.18 | <=29.99 | Pass    |
| 40M  | MIMO    | 5745.5          | 20.88  | 19.83 | 23.40 | <=29.99 | Pass    |
|      |         | 5787.5          | 22.48  | 21.74 | 25.14 | <=29.99 | Pass    |
|      |         | 5829.5          | 19.86  | 19.38 | 22.64 | <=29.99 | Pass    |
| 60M  | MIMO    | 5755.5          | 21.73  | 20.44 | 24.14 | <=29.99 | Pass    |
|      |         | 5787.5          | 21.91  | 20.55 | 24.29 | <=29.99 | Pass    |
|      |         | 5819.5          | 21.56  | 20.77 | 24.19 | <=29.99 | Pass    |
| 80M  | MIMO    | 5765.5          | 20.99  | 19.58 | 23.35 | <=29.99 | Pass    |
|      |         | 5787.5          | 20.95  | 19.56 | 23.32 | <=29.99 | Pass    |
|      |         | 5809.5          | 20.46  | 19.62 | 23.07 | <=29.99 | Pass    |



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

## 4. Maximum Power Spectral Density

### 4.1 Test Result

#### 4.1.1 PSD-Band3

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/500kHz) |       |       |         | Verdict |
|------|---------|-----------------|--------------------------|-------|-------|---------|---------|
|      |         |                 | ANT2                     | ANT3  | MIMO  | Limit   |         |
| 10M  | MIMO    | 5730.5          | 14.19                    | 13.33 | 16.65 | <=29.99 | Pass    |
|      |         | 5787.5          | 14.08                    | 13.46 | 16.55 | <=29.99 | Pass    |
|      |         | 5844.5          | 14.55                    | 13.75 | 17.04 | <=29.99 | Pass    |
| 20M  | MIMO    | 5735.5          | 12.01                    | 11.14 | 14.42 | <=29.99 | Pass    |
|      |         | 5787.5          | 11.57                    | 10.85 | 14.10 | <=29.99 | Pass    |
|      |         | 5839.5          | 10.29                    | 9.86  | 13.03 | <=29.99 | Pass    |
| 40M  | MIMO    | 5745.5          | 6.07                     | 4.41  | 8.24  | <=29.99 | Pass    |
|      |         | 5787.5          | 7.61                     | 6.48  | 9.96  | <=29.99 | Pass    |
|      |         | 5829.5          | 5.21                     | 3.90  | 7.59  | <=29.99 | Pass    |
| 60M  | MIMO    | 5755.5          | 4.61                     | 2.90  | 6.66  | <=29.99 | Pass    |
|      |         | 5787.5          | 5.34                     | 2.83  | 6.87  | <=29.99 | Pass    |
|      |         | 5819.5          | 4.82                     | 2.80  | 6.75  | <=29.99 | Pass    |
| 80M  | MIMO    | 5765.5          | 3.05                     | 1.82  | 5.16  | <=29.99 | Pass    |
|      |         | 5787.5          | 3.99                     | 1.89  | 6.00  | <=29.99 | Pass    |
|      |         | 5809.5          | 3.21                     | 1.93  | 5.43  | <=29.99 | Pass    |

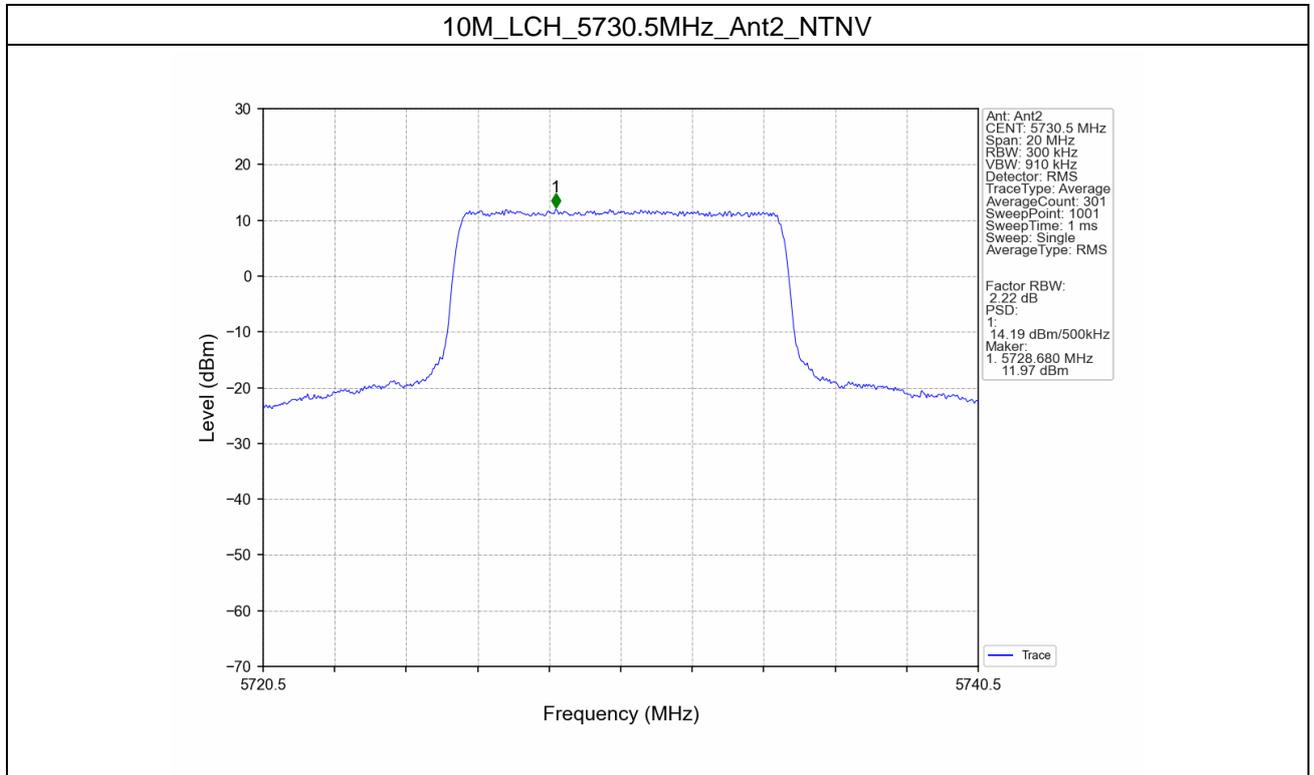


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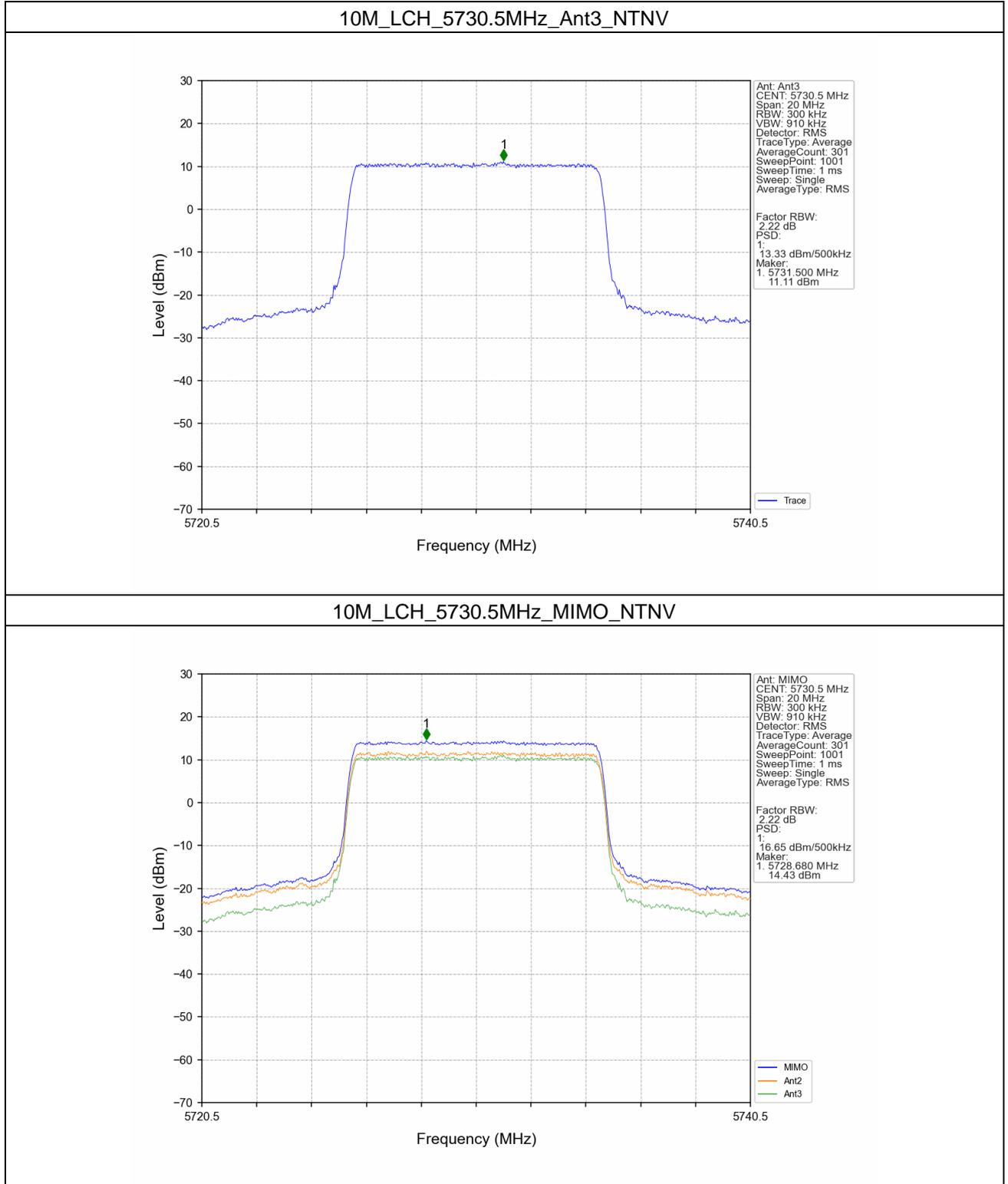
### 4.2 Test Graph

#### 4.2.1 PSD-Band3



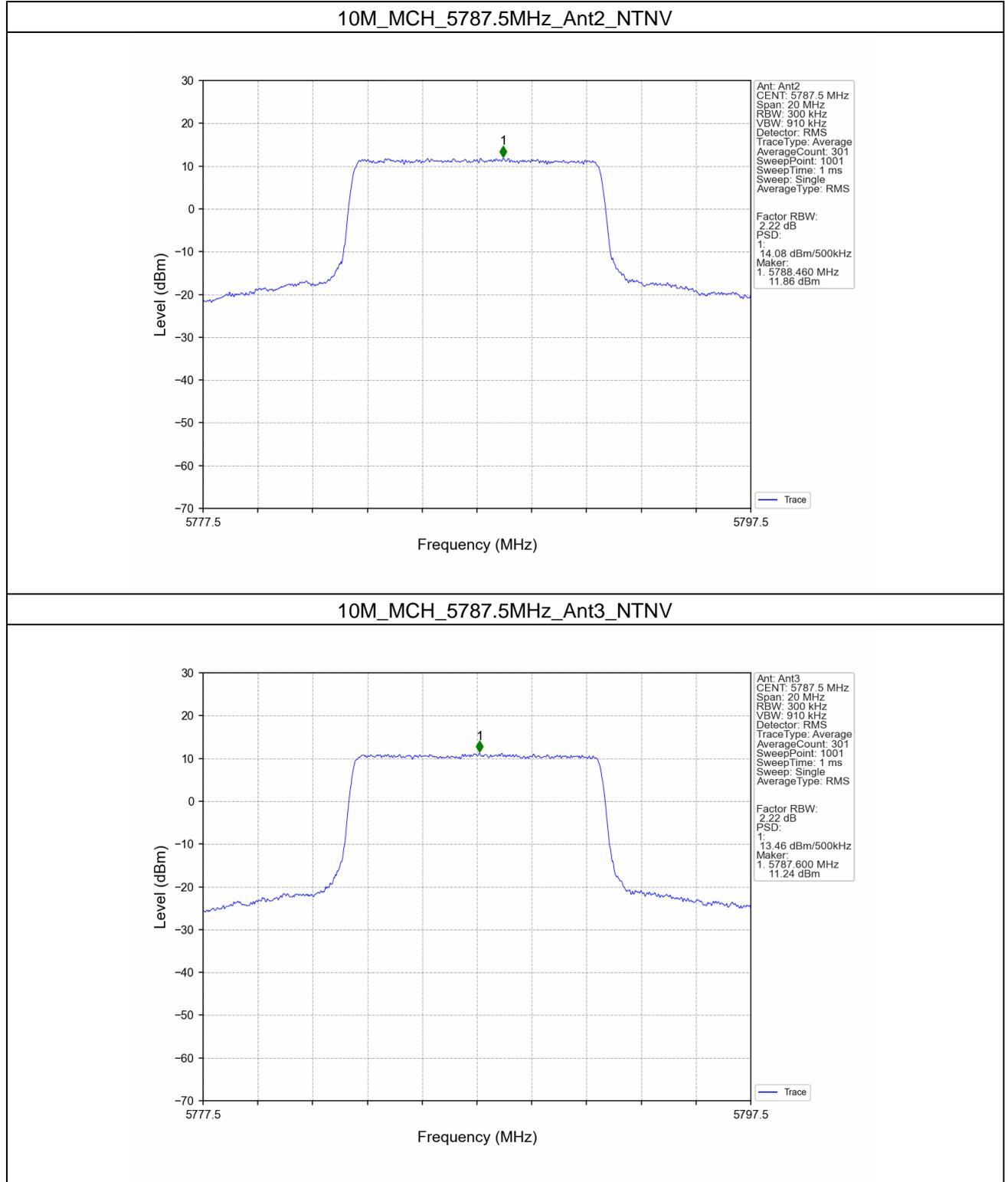
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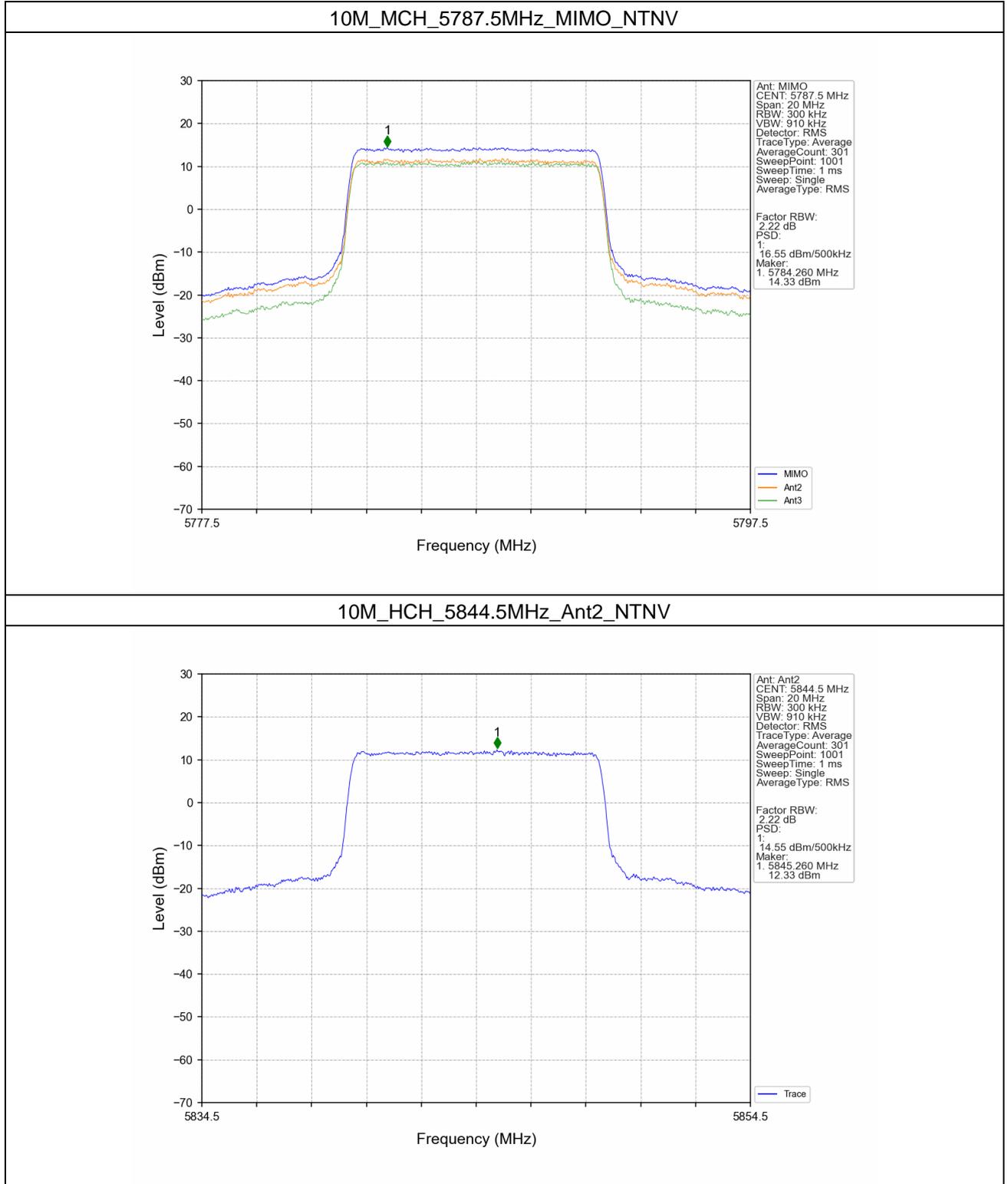
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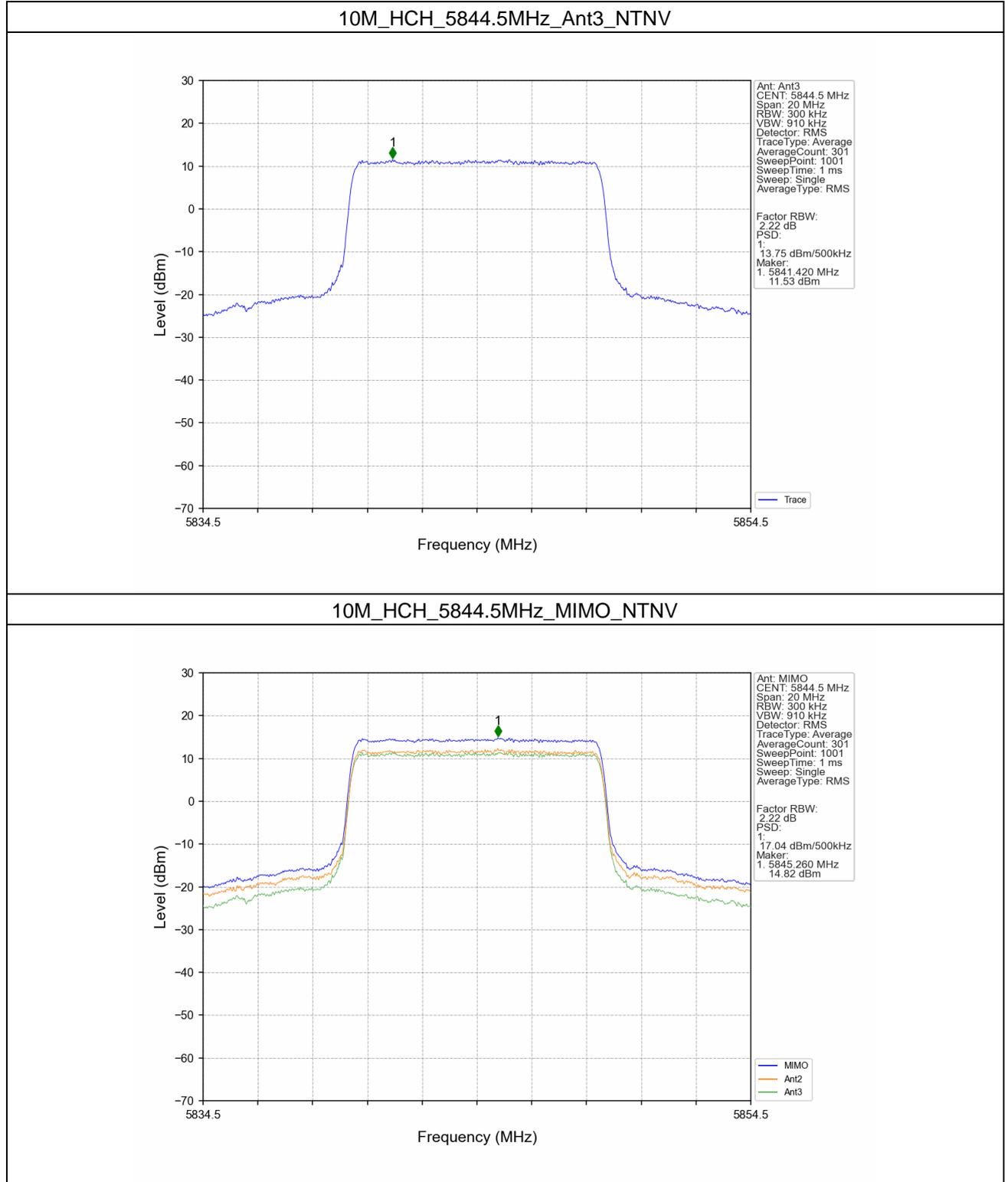
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