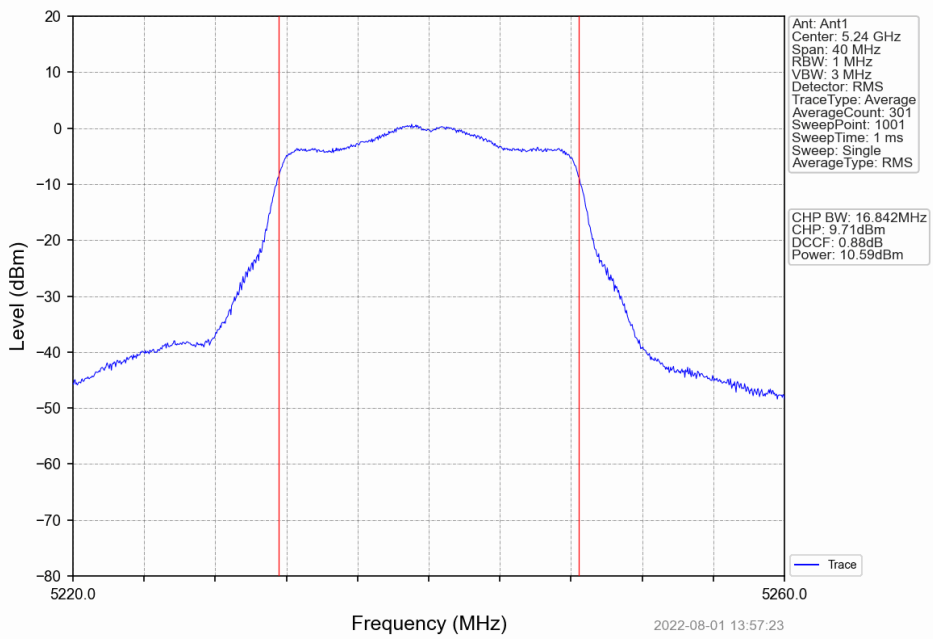
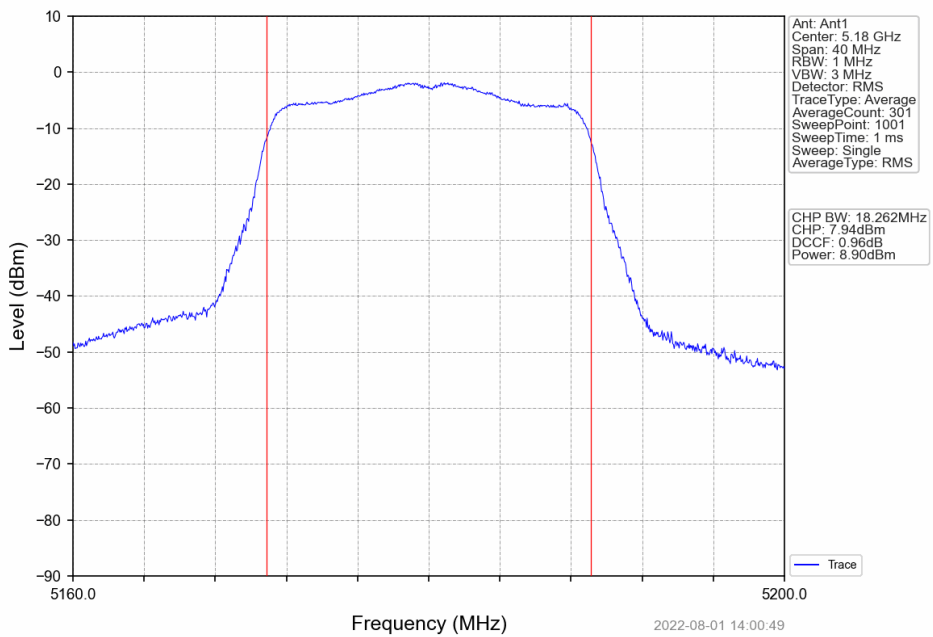
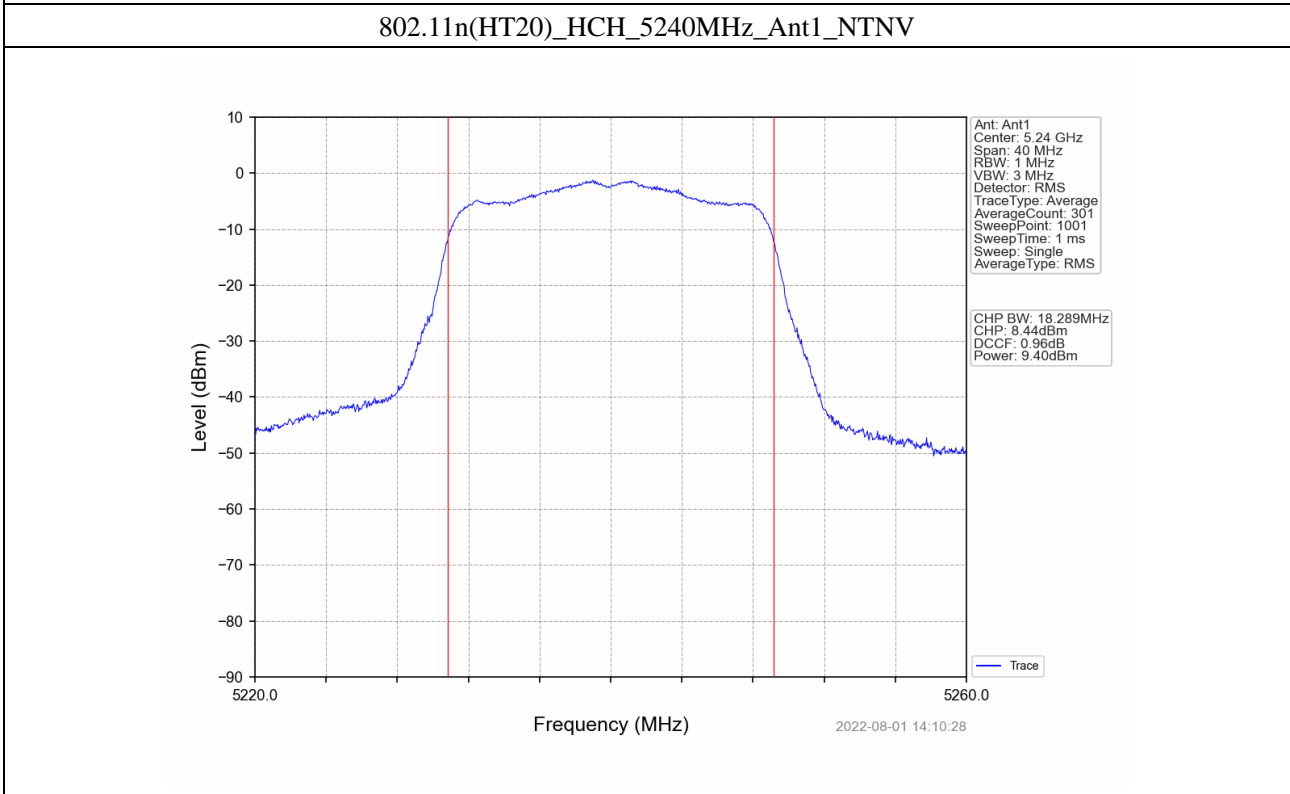
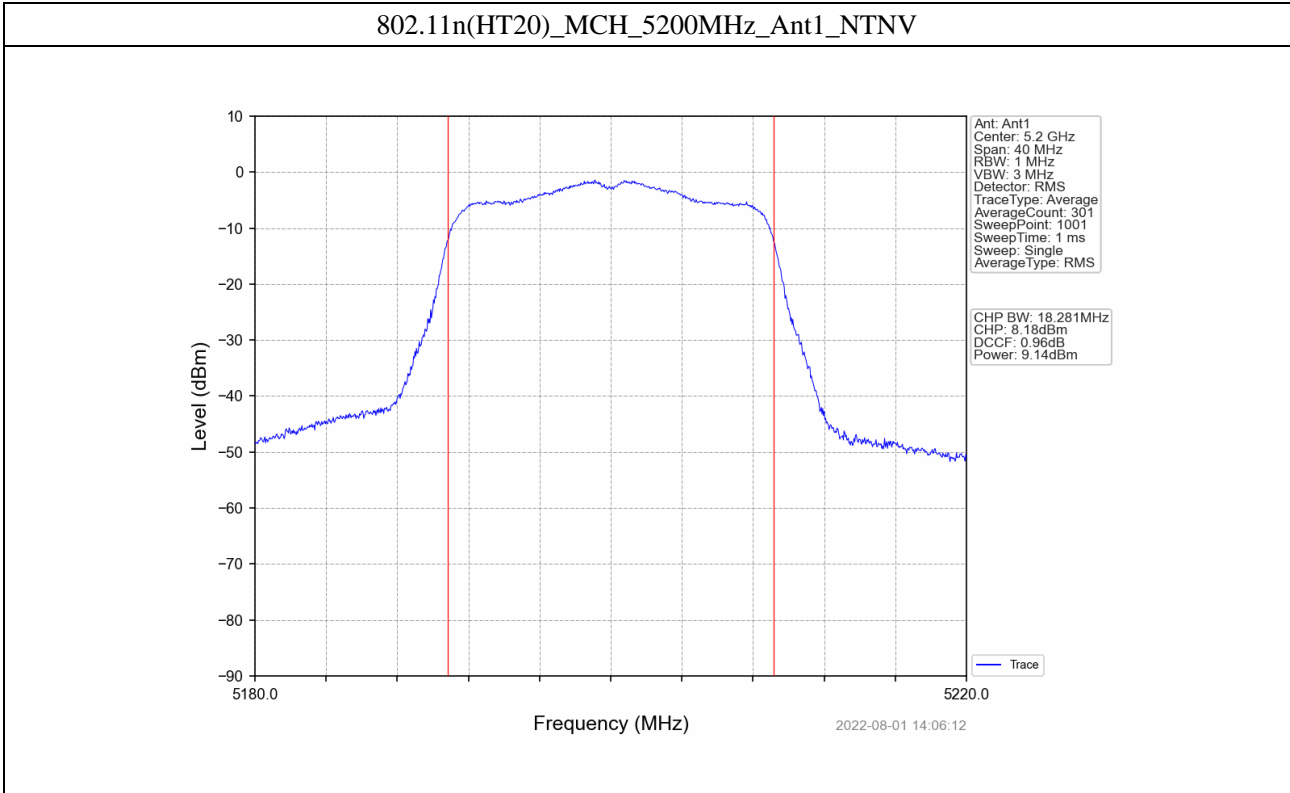


802.11a_HCH_5240MHz_Ant1_NTNV

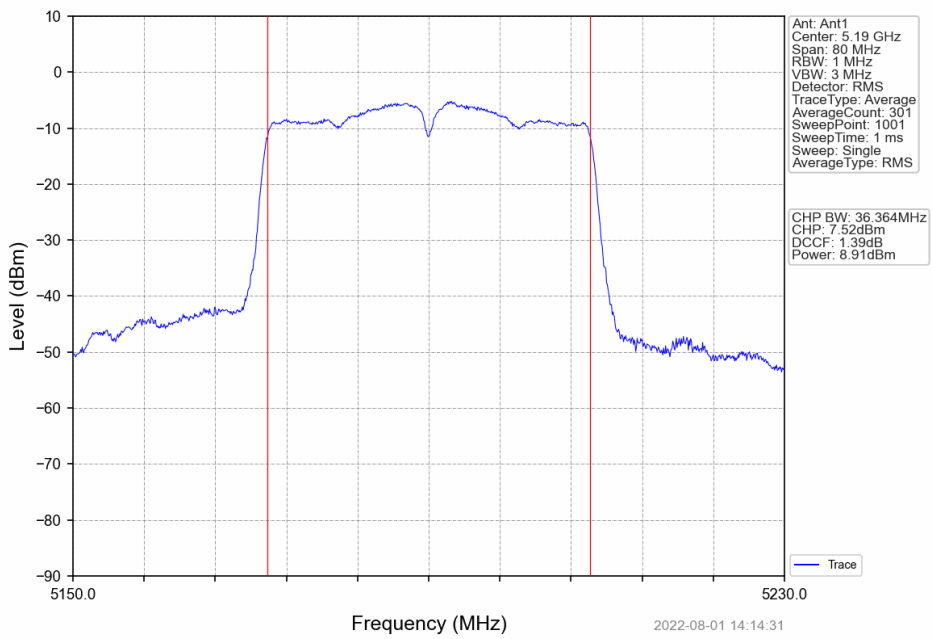


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

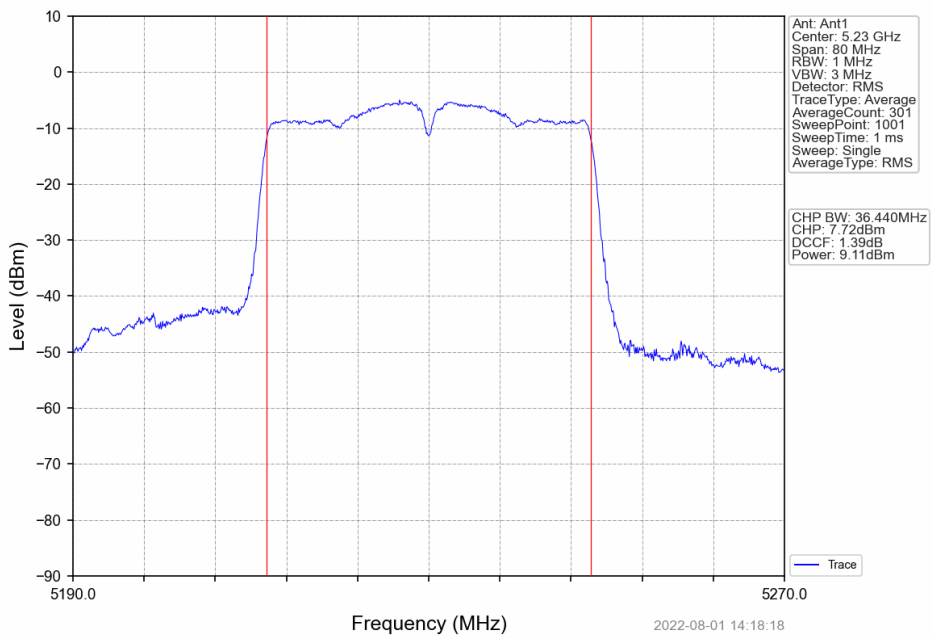


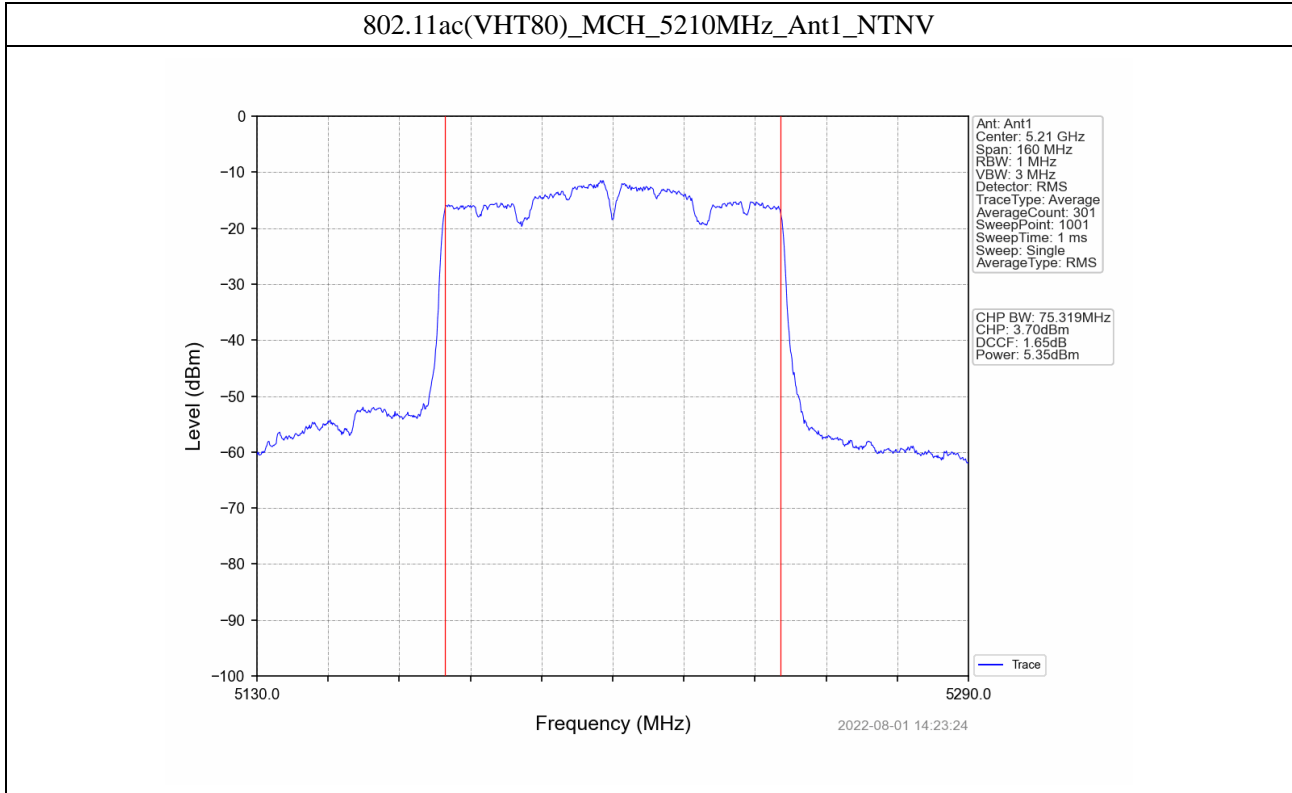


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

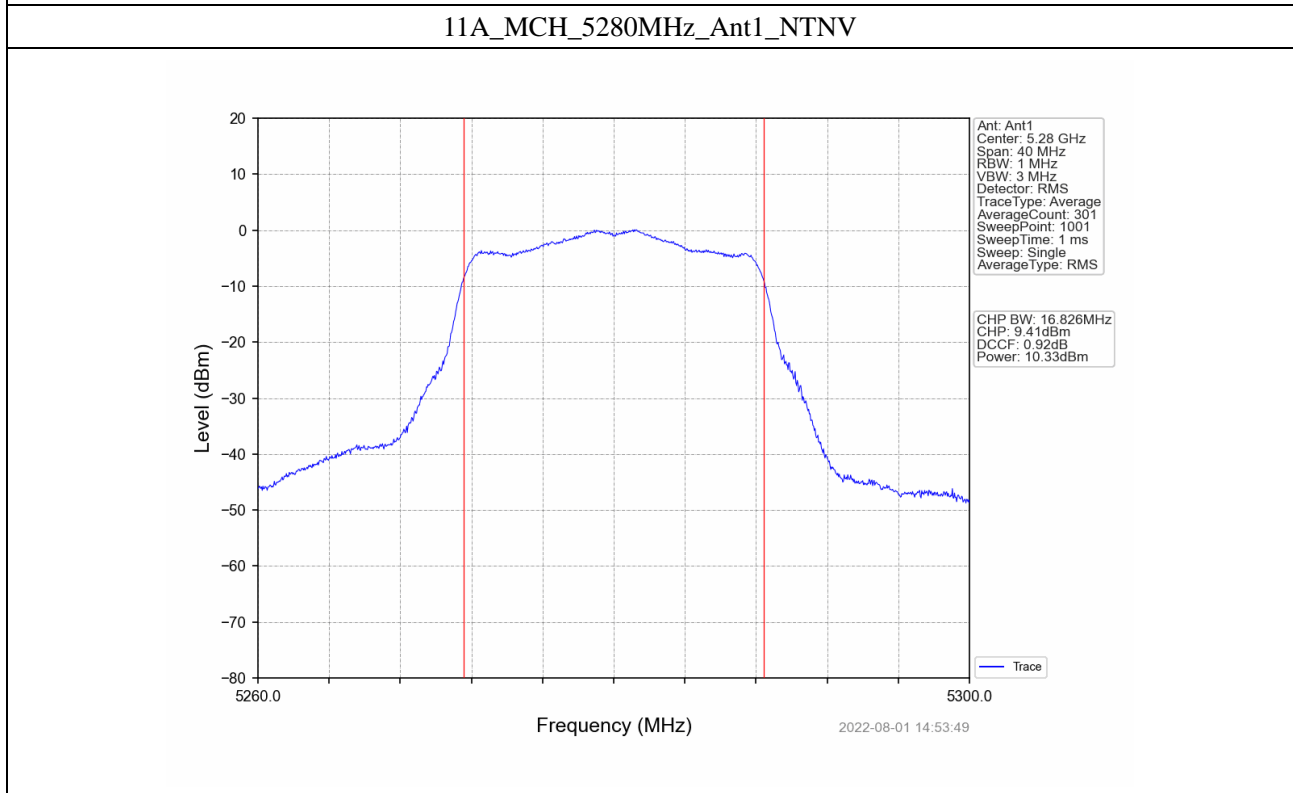
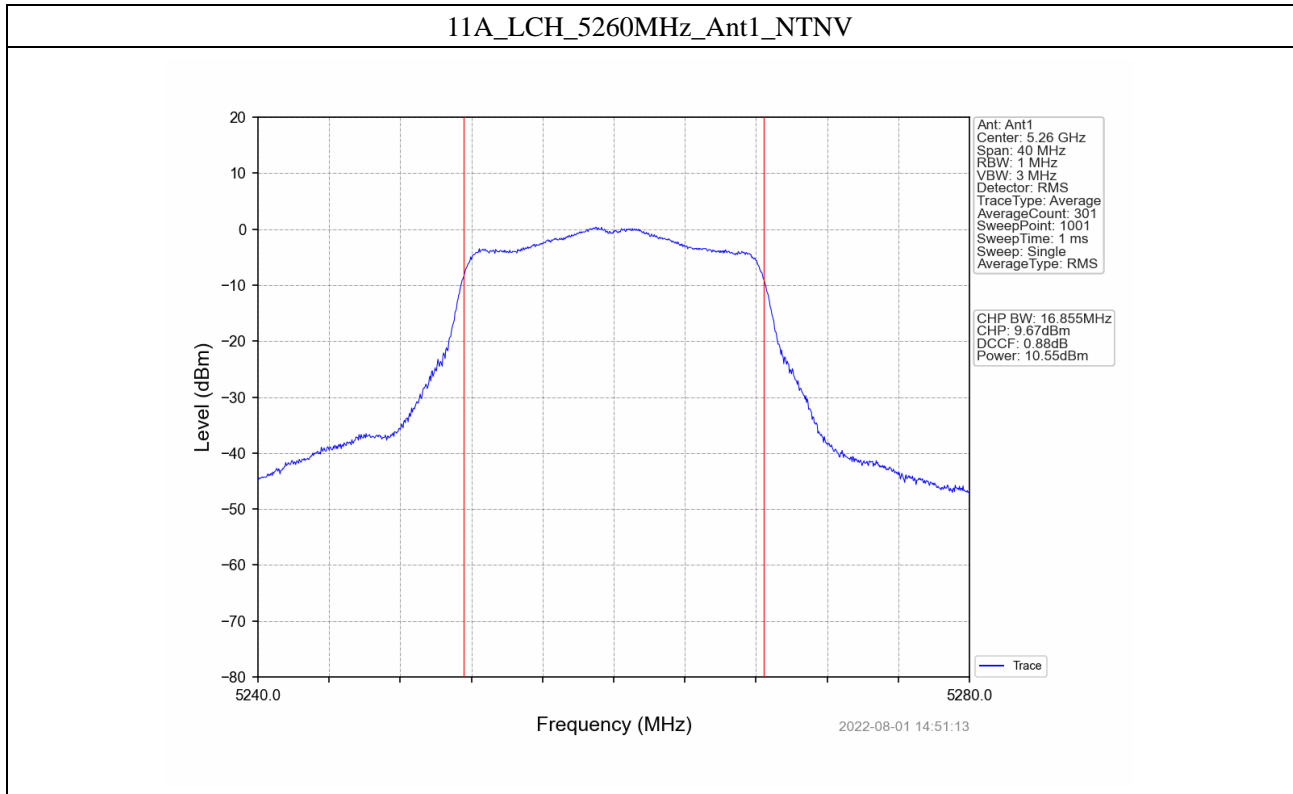


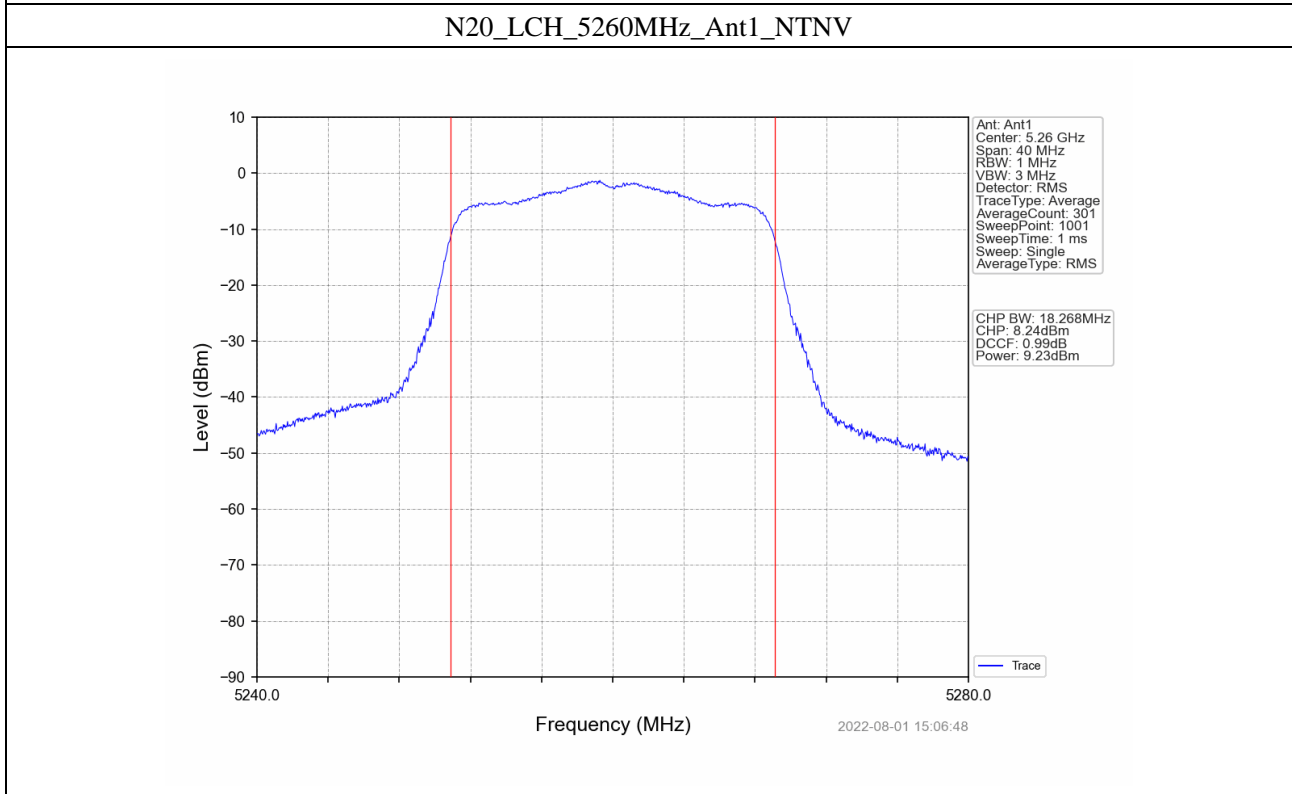
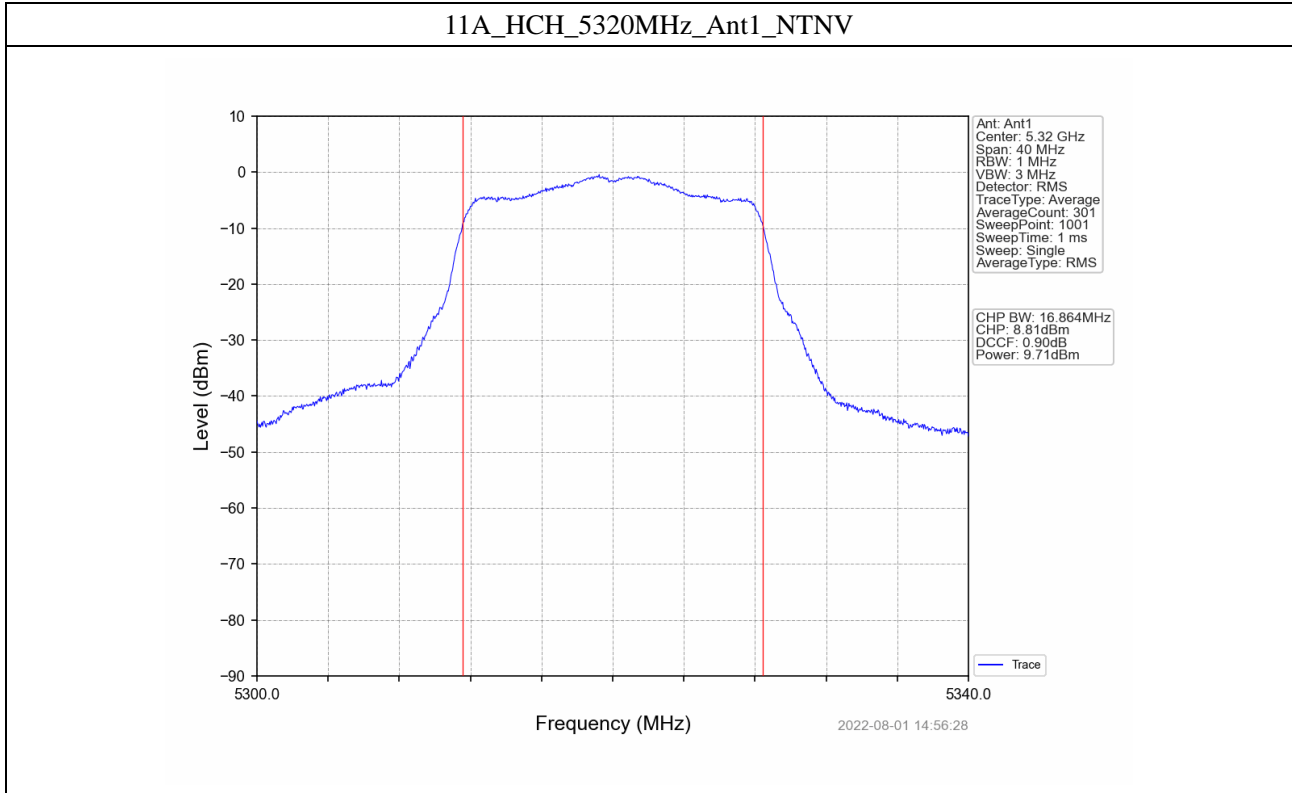
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

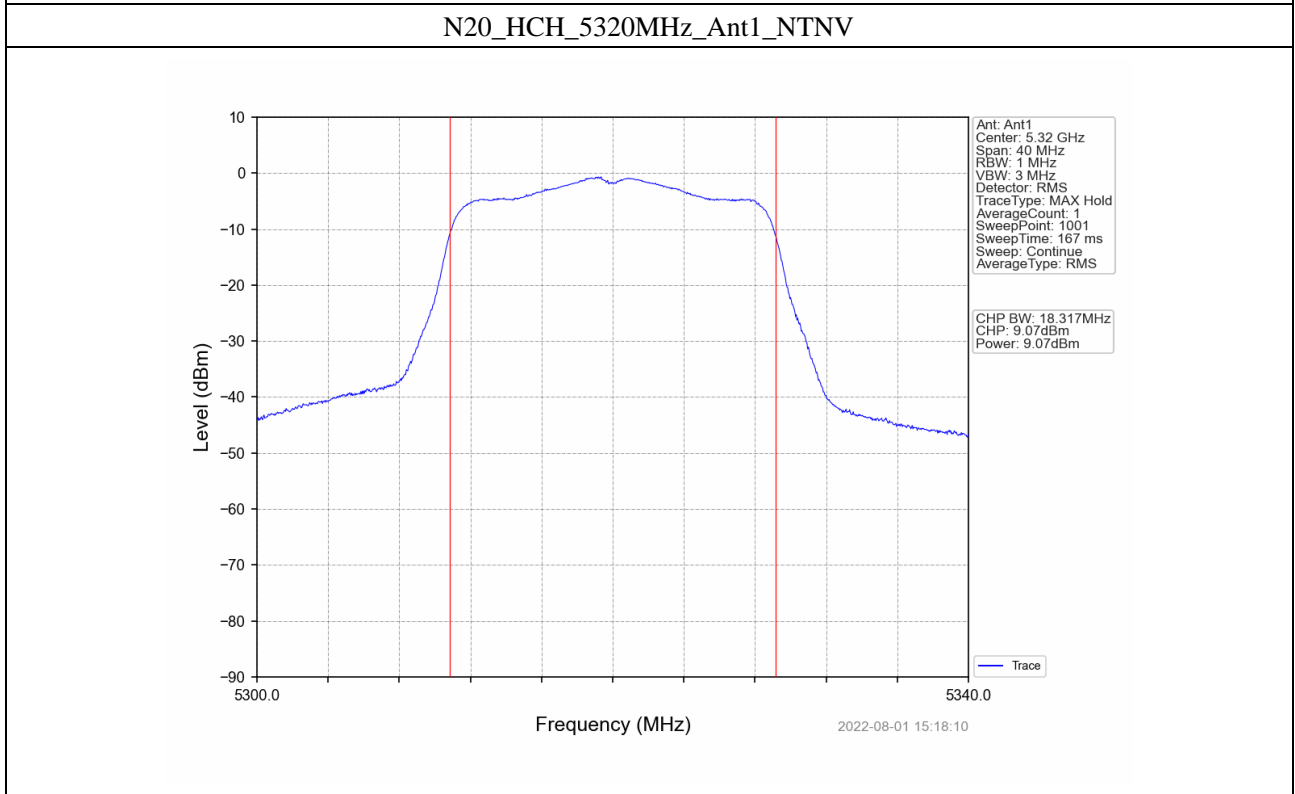
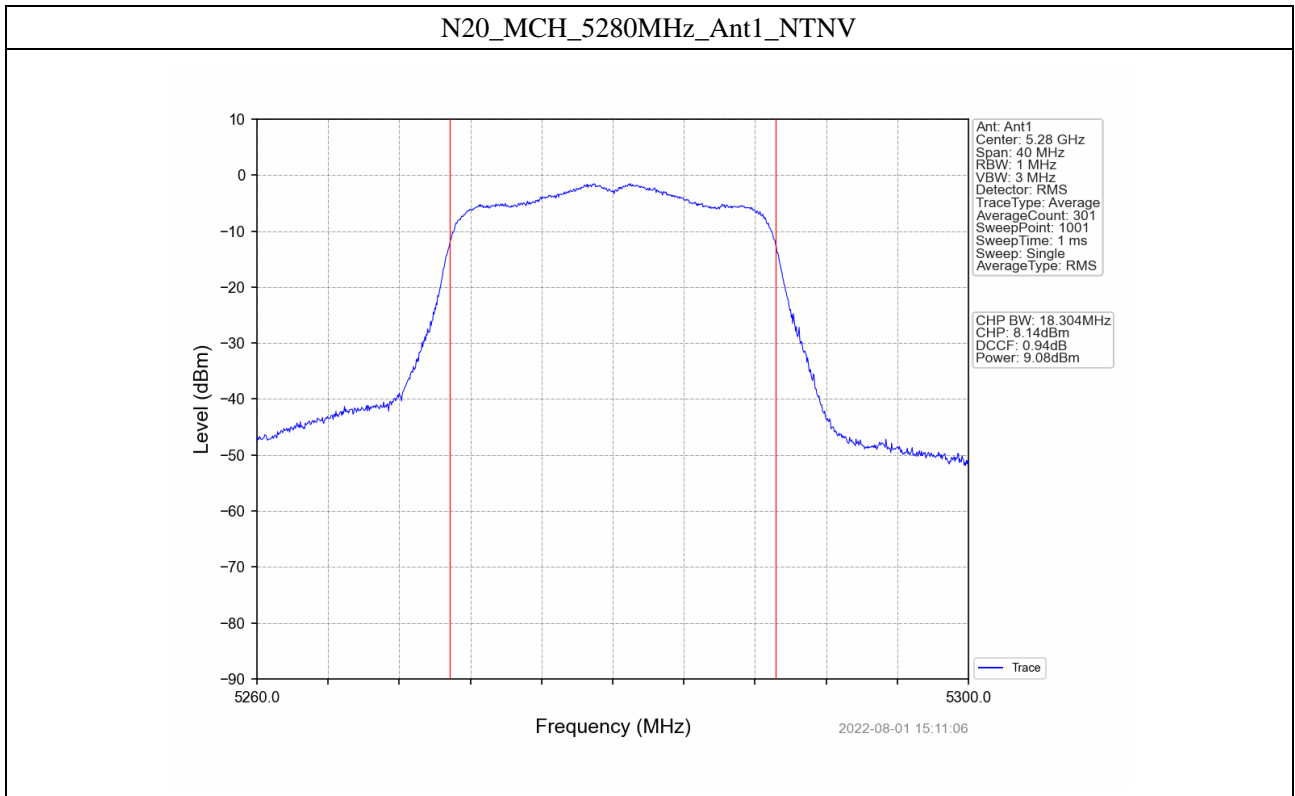


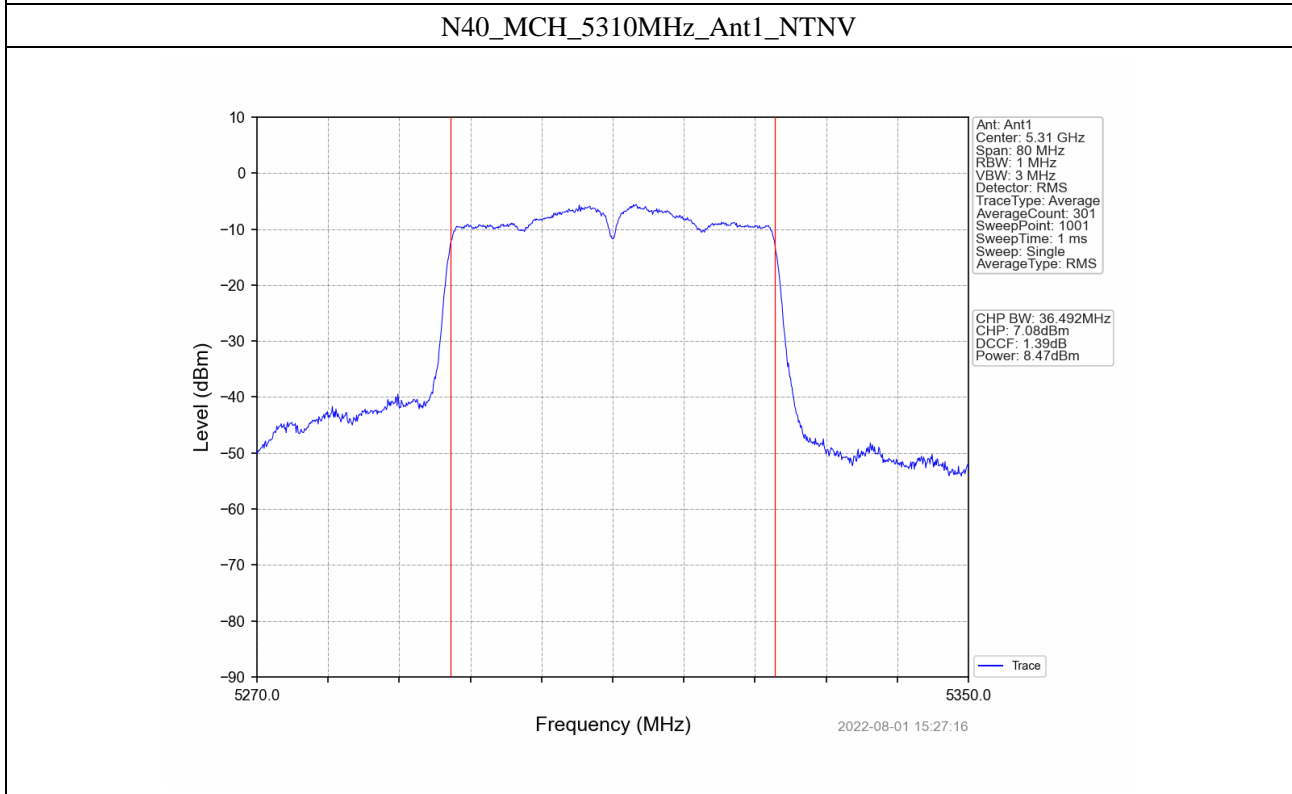
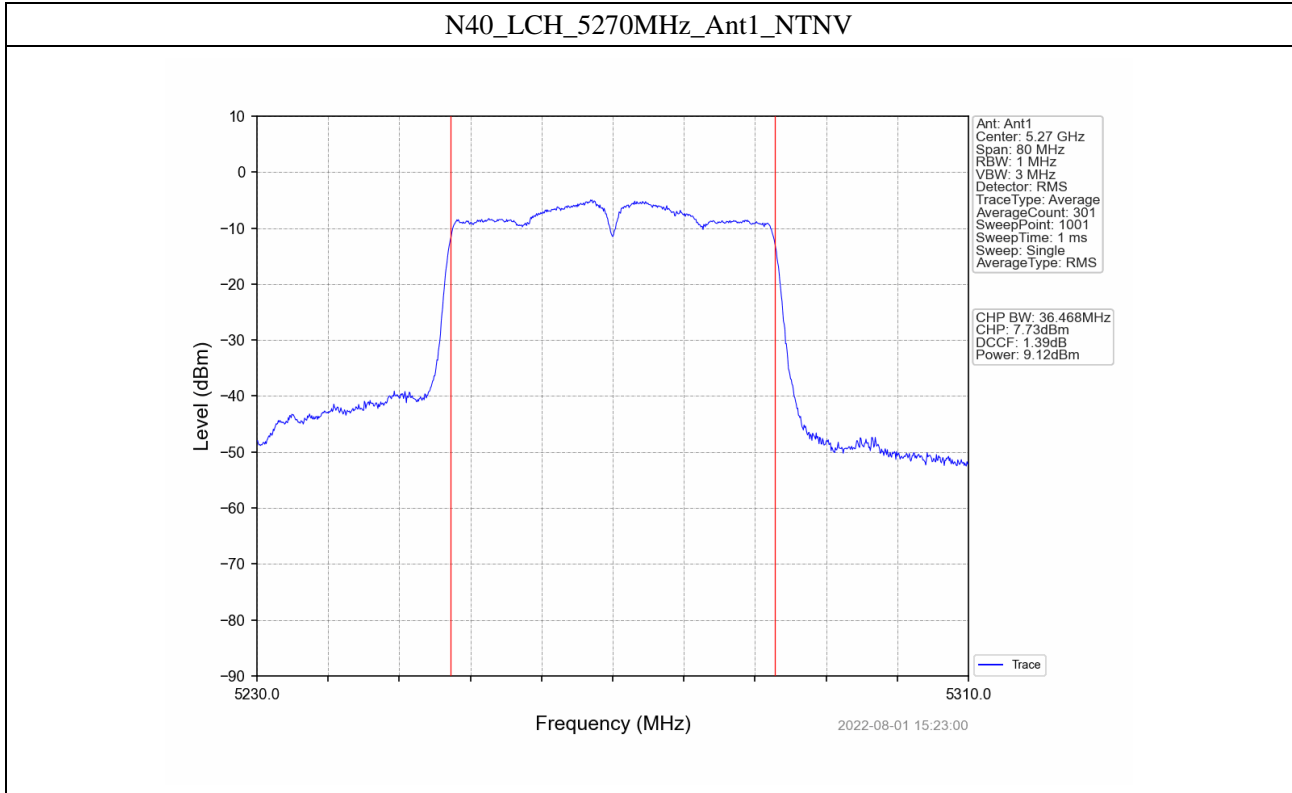


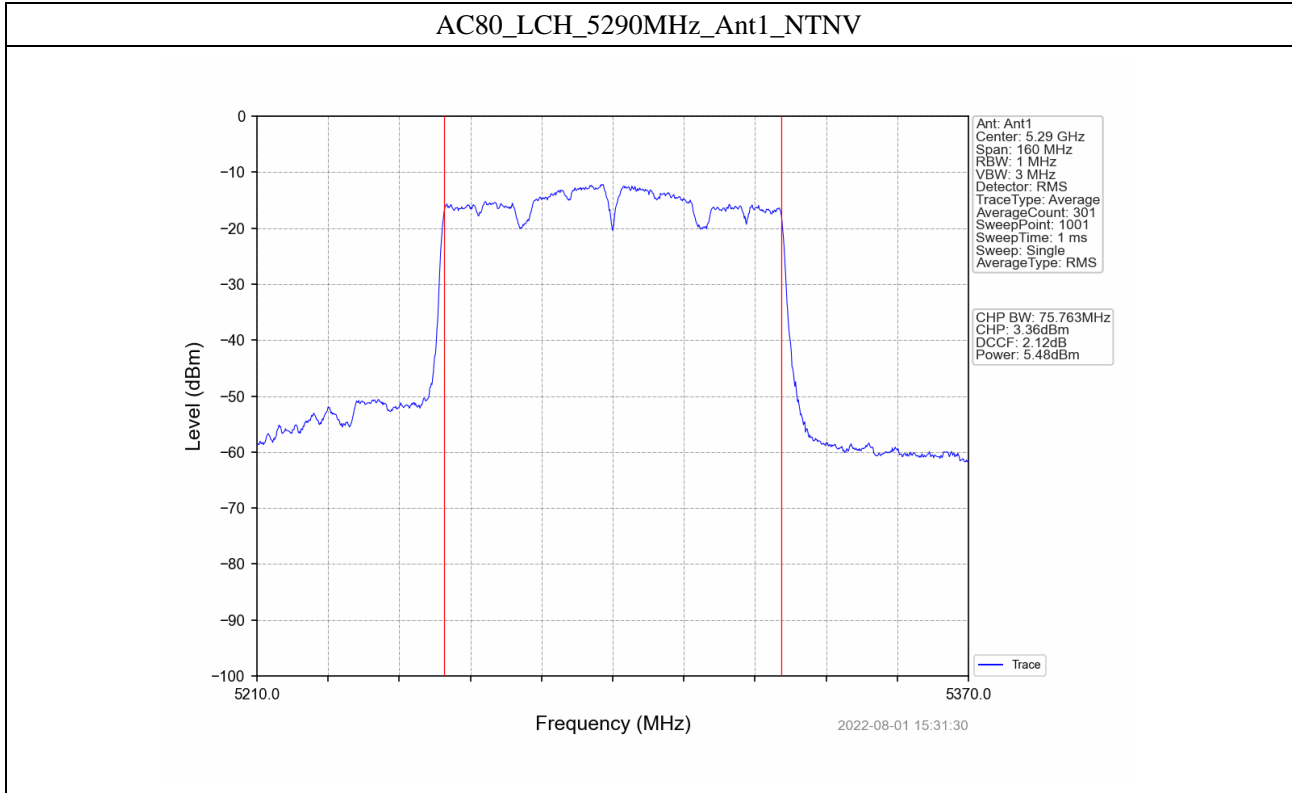
5250-5350MHz



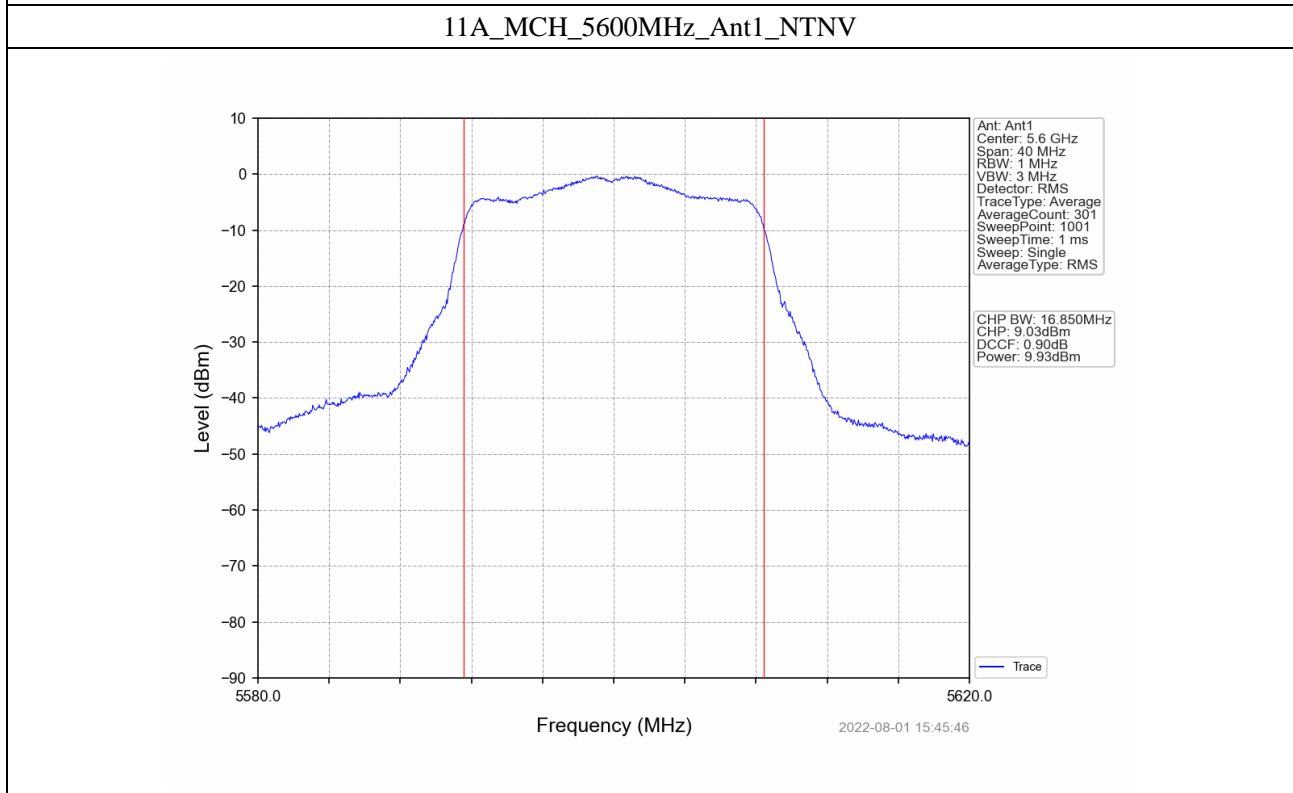
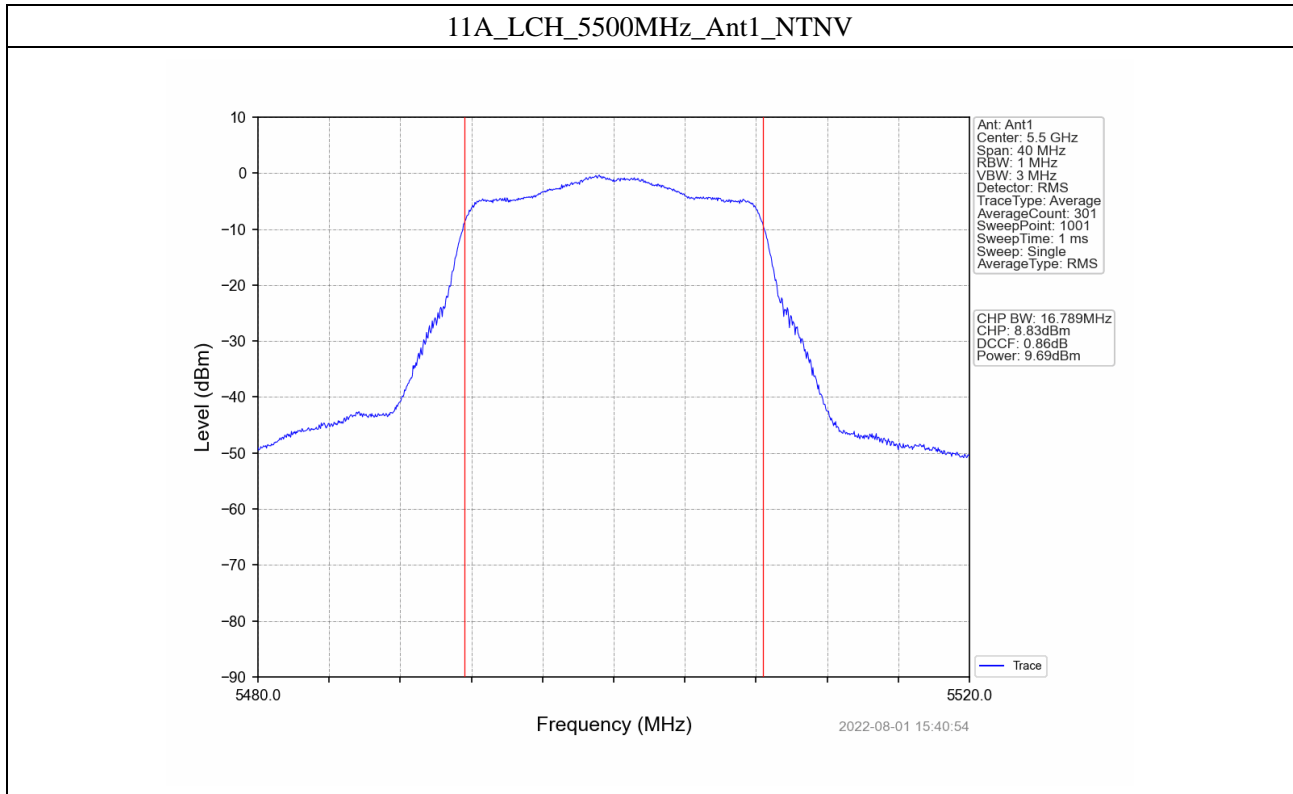


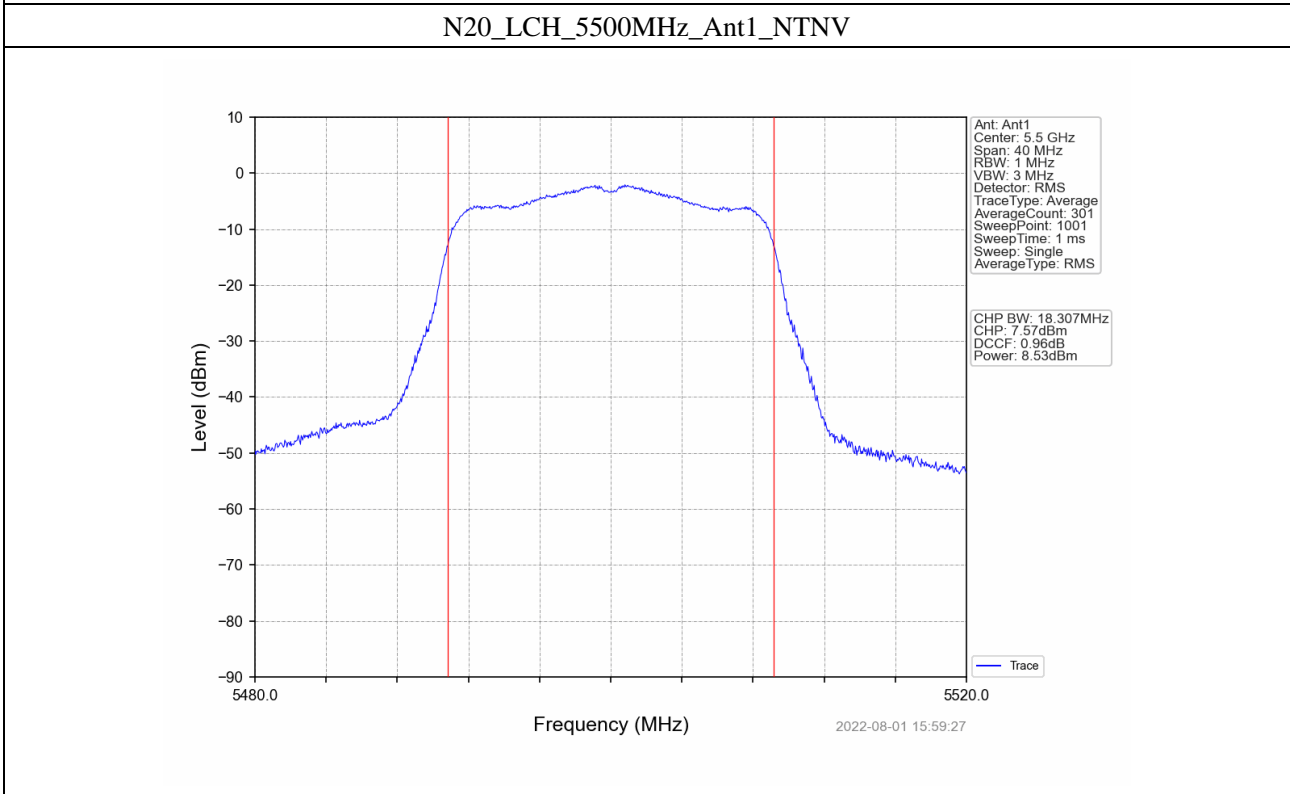
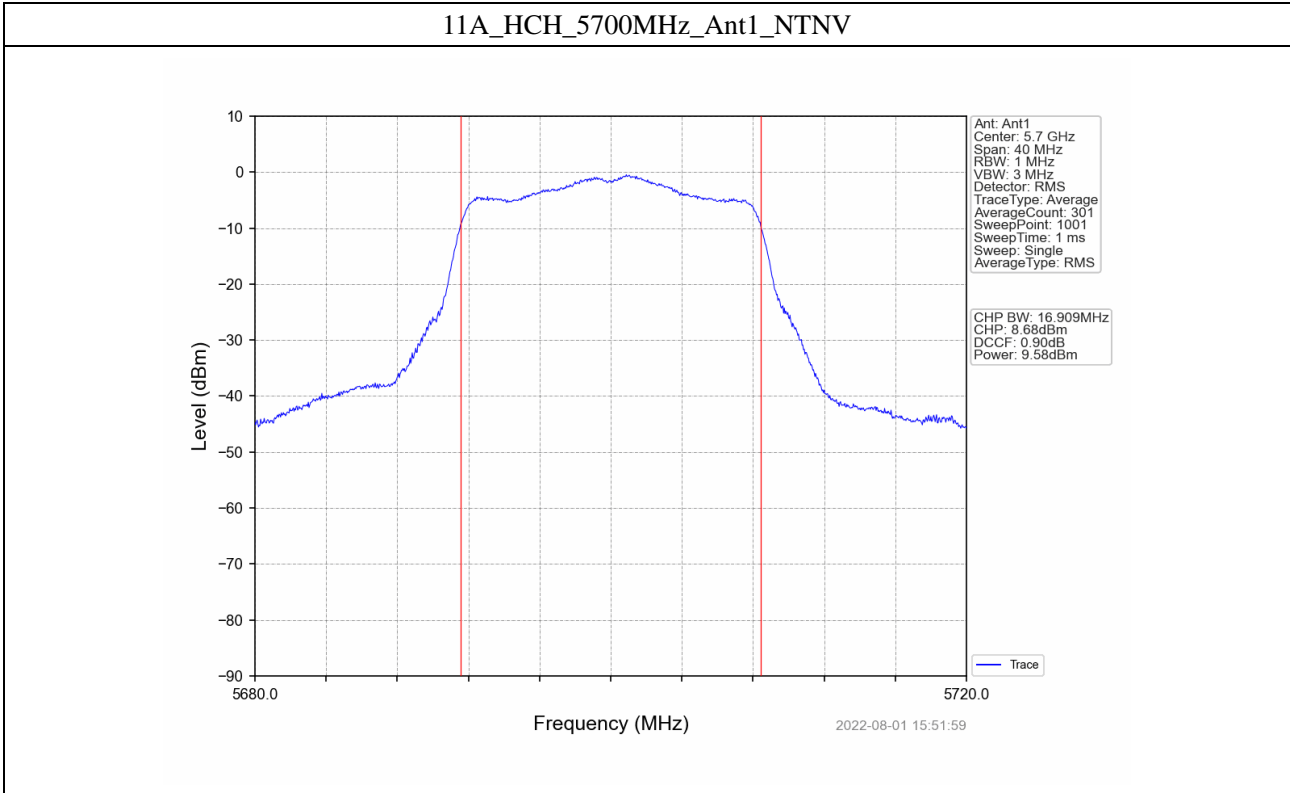


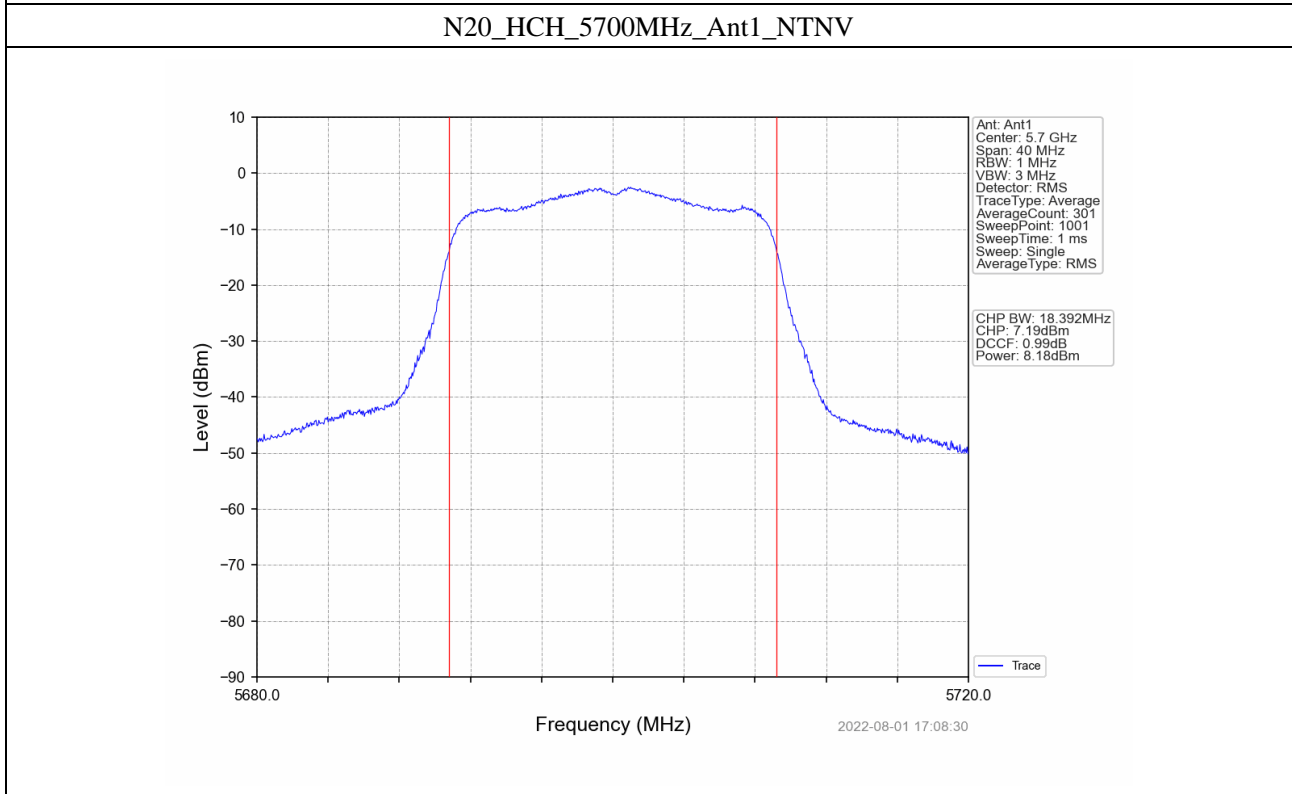
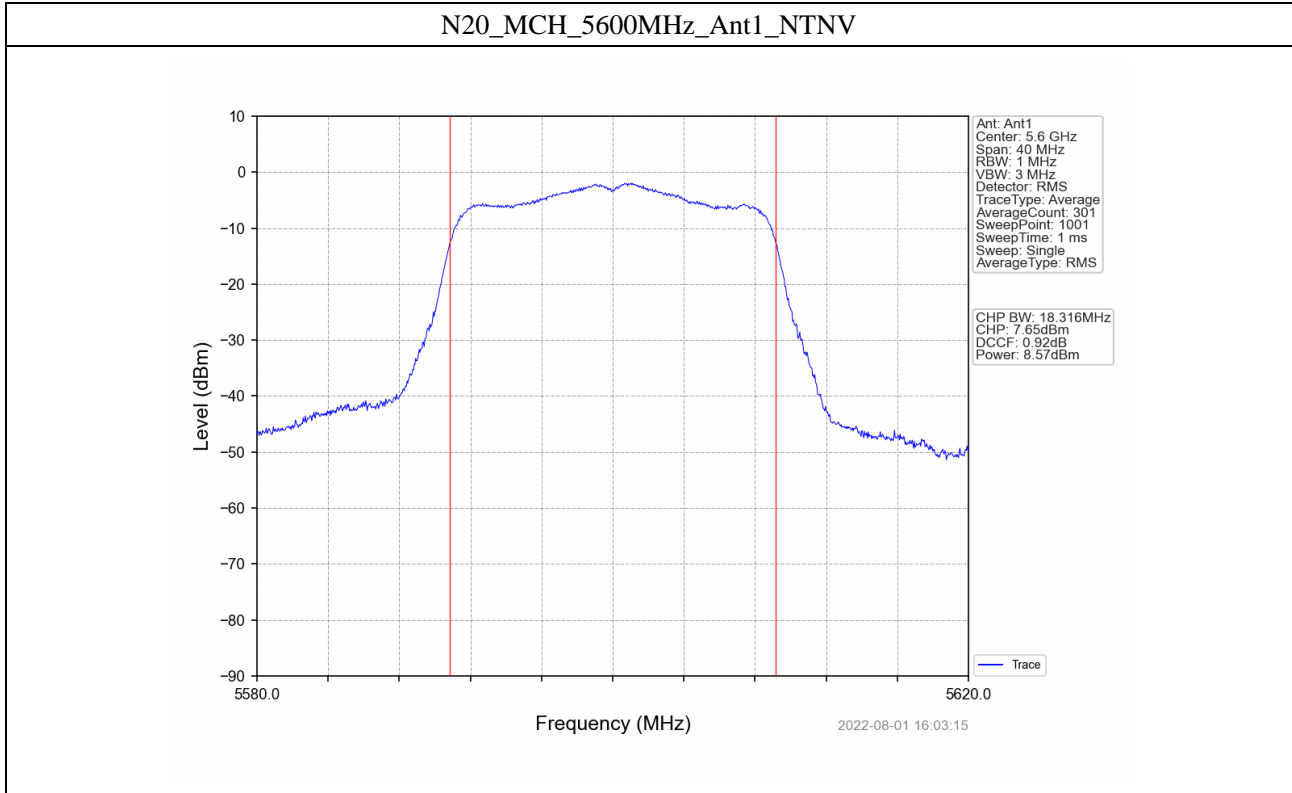




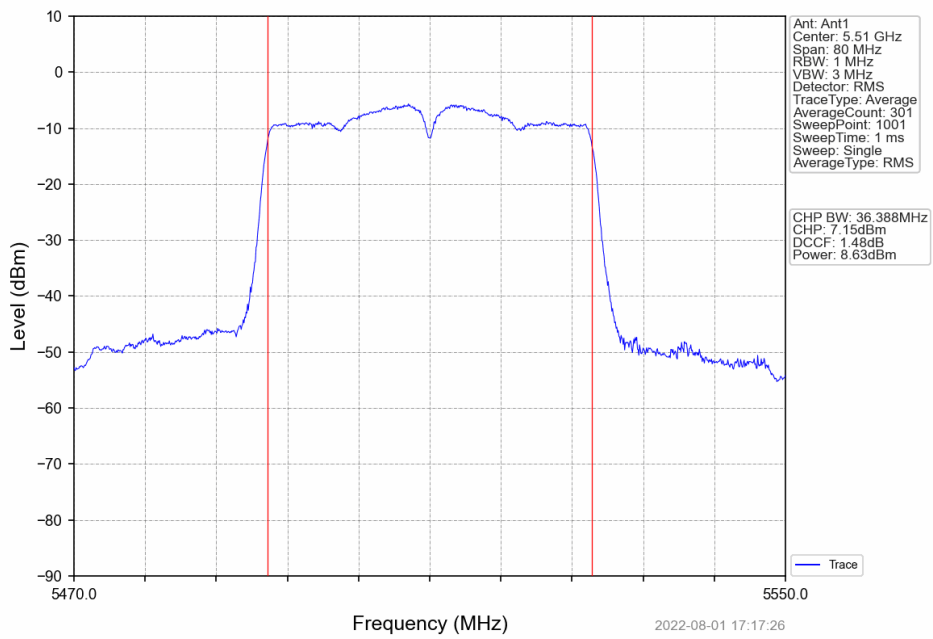
5470-5725MHz



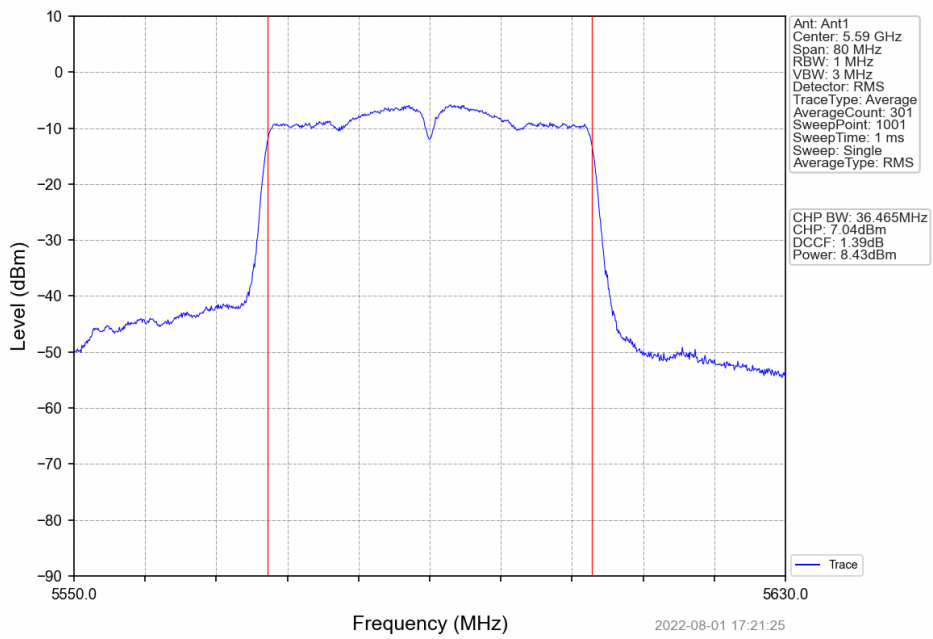


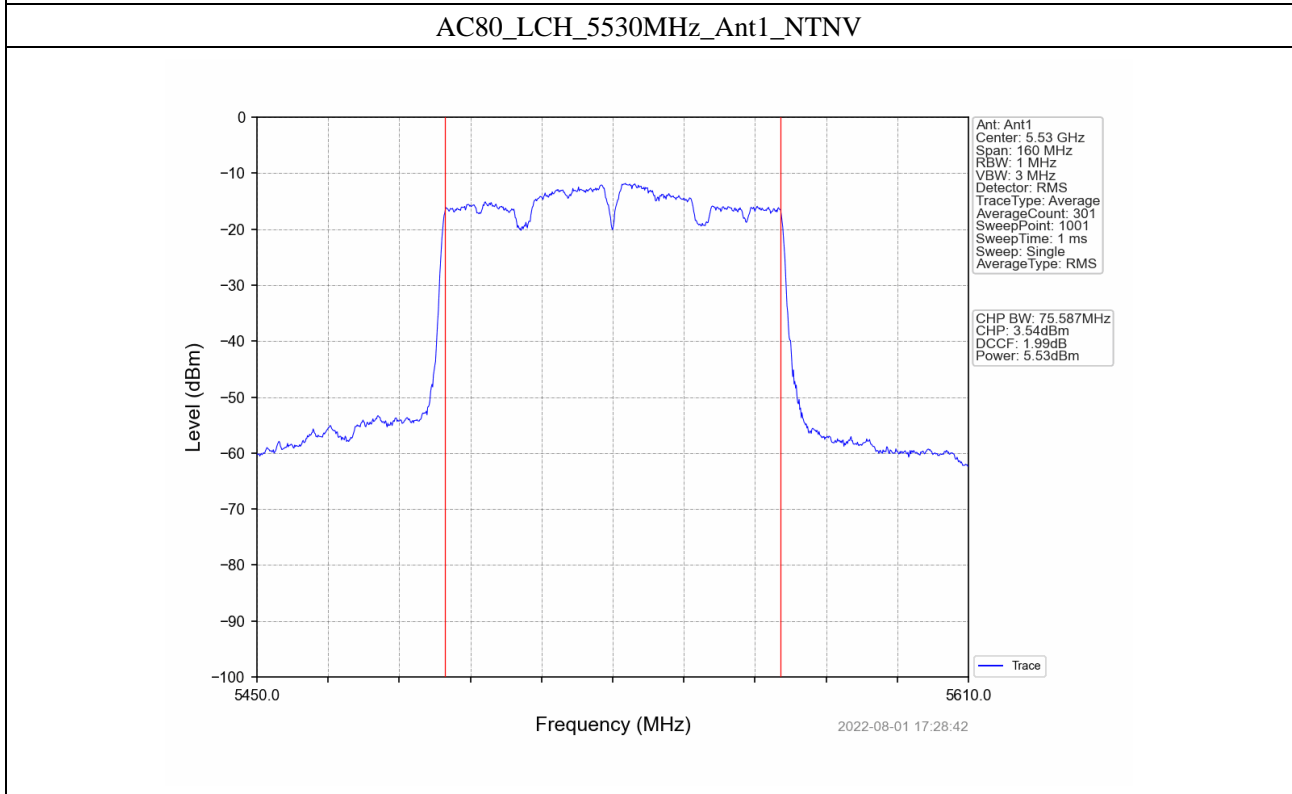
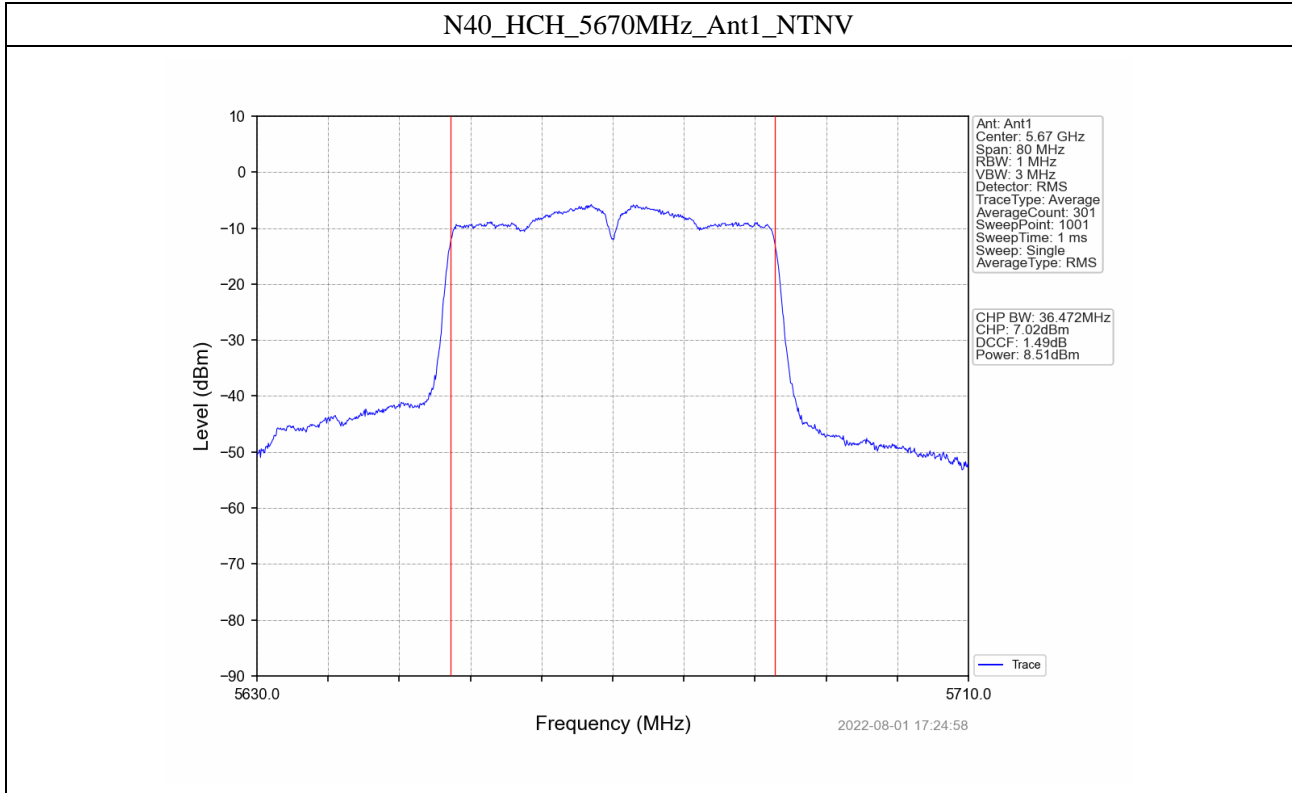


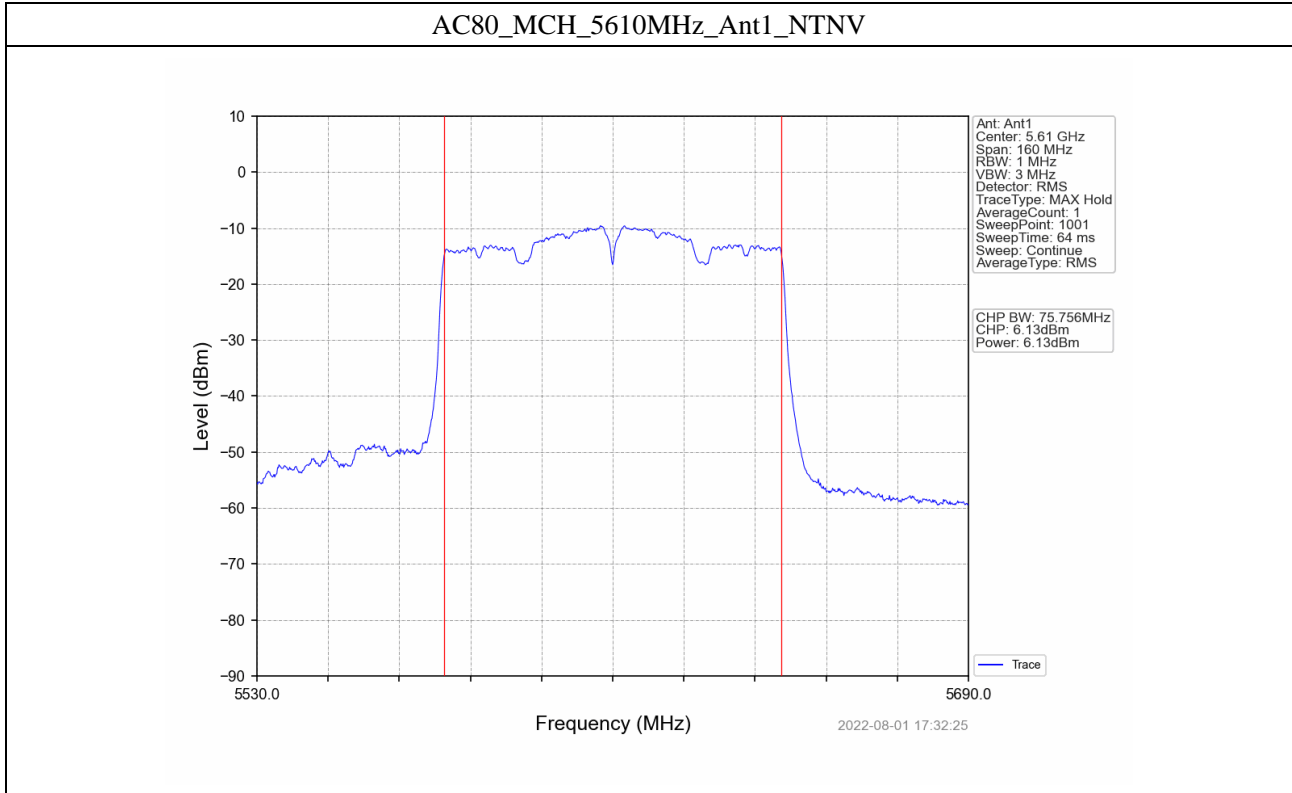
N40_LCH_5510MHz_Ant1_NTNV



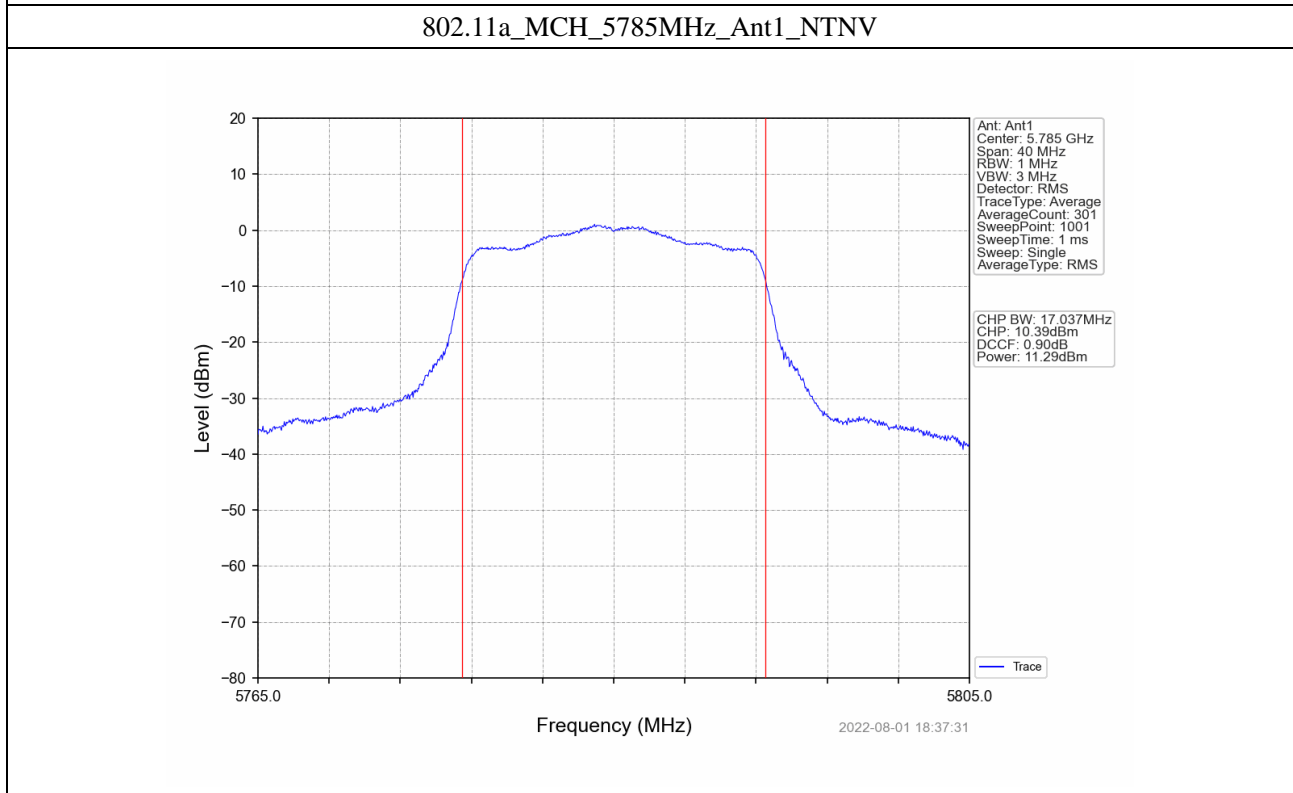
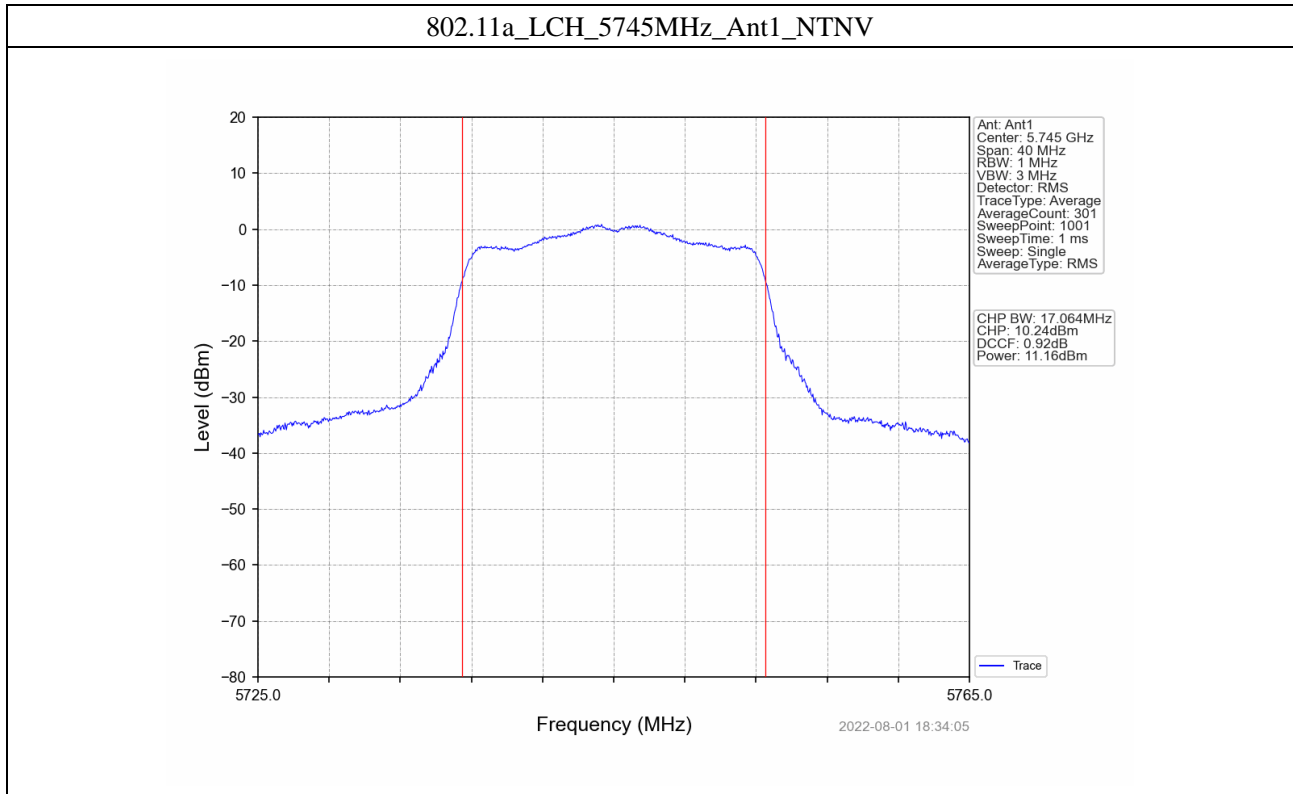
N40_MCH_5590MHz_Ant1_NTNV

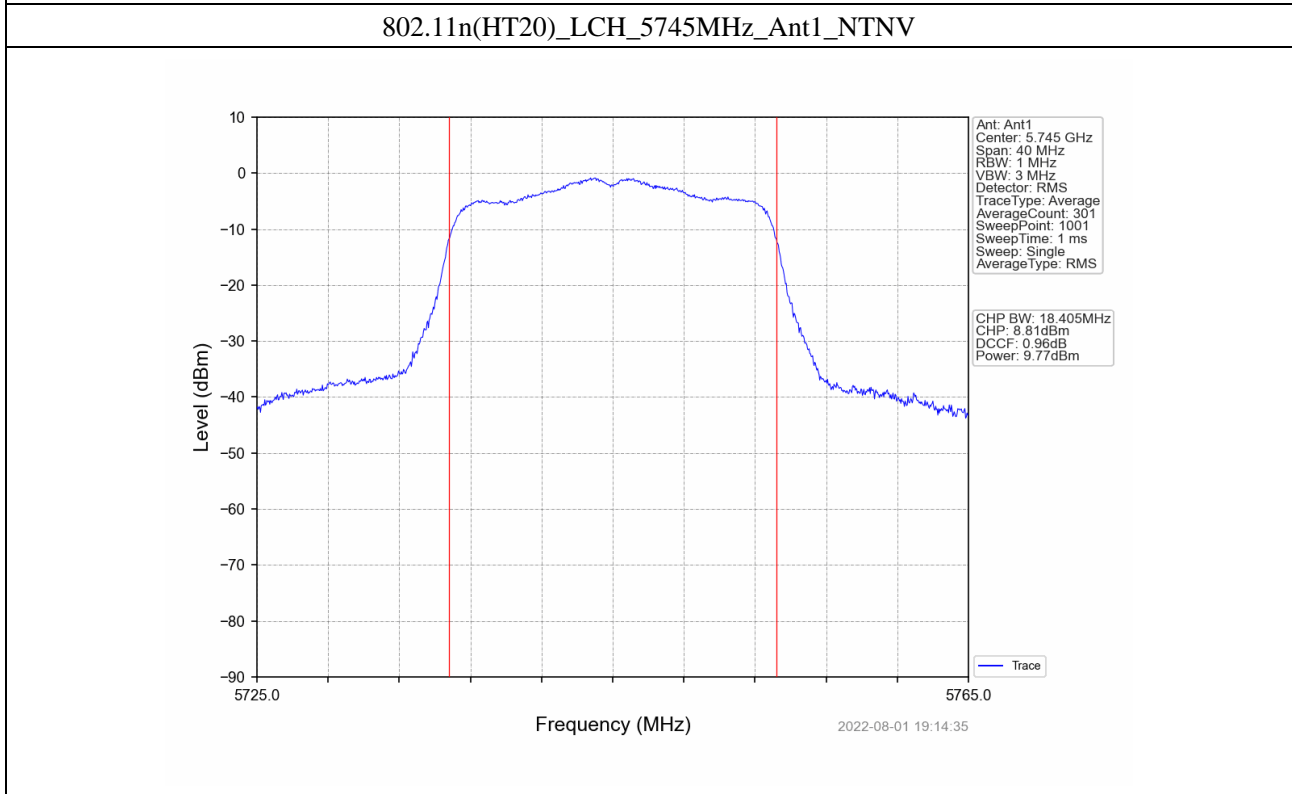
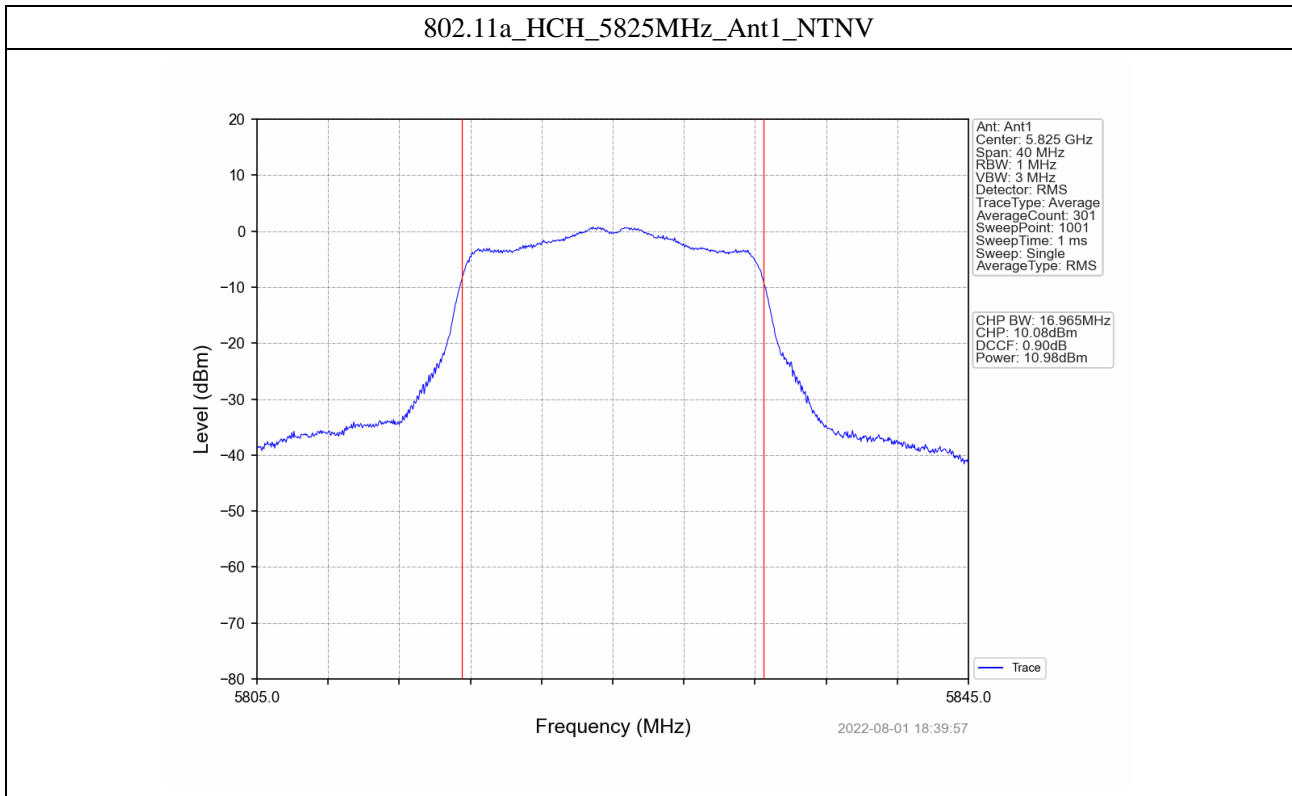


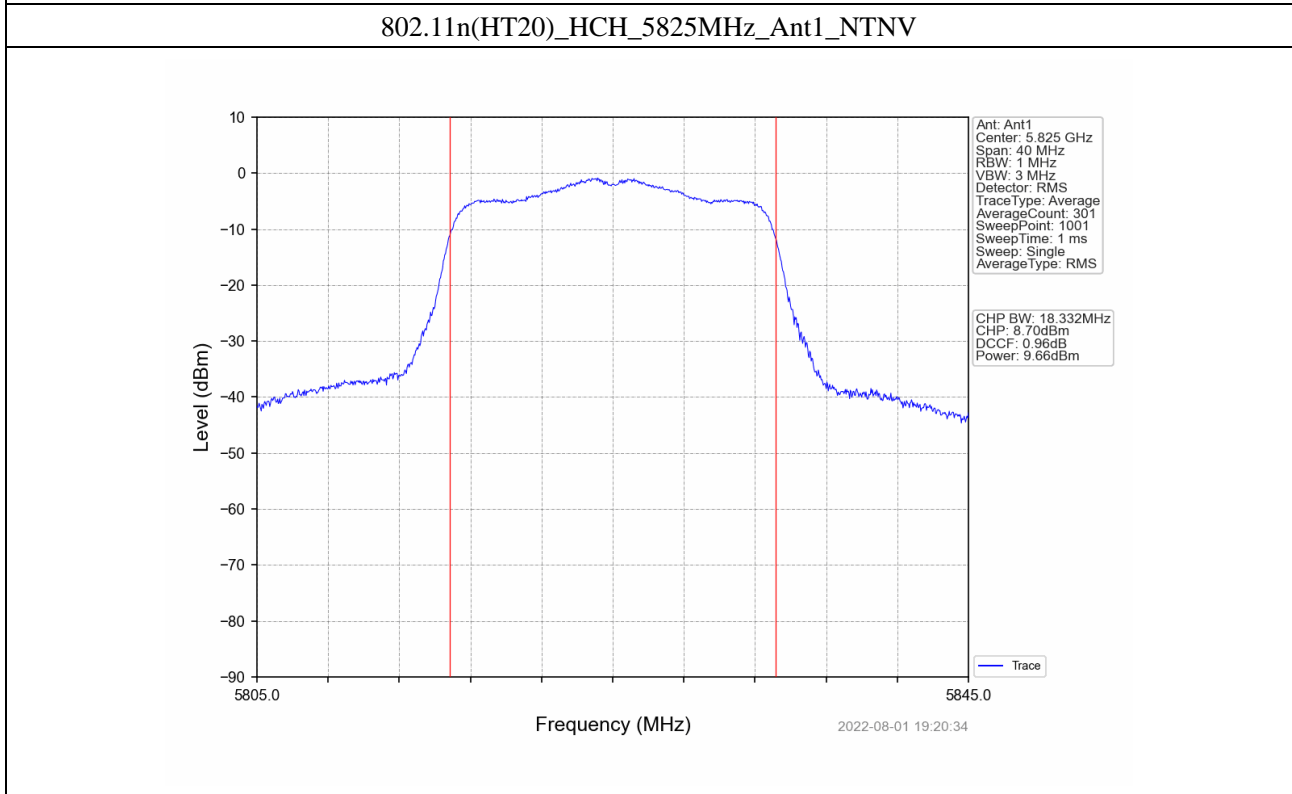
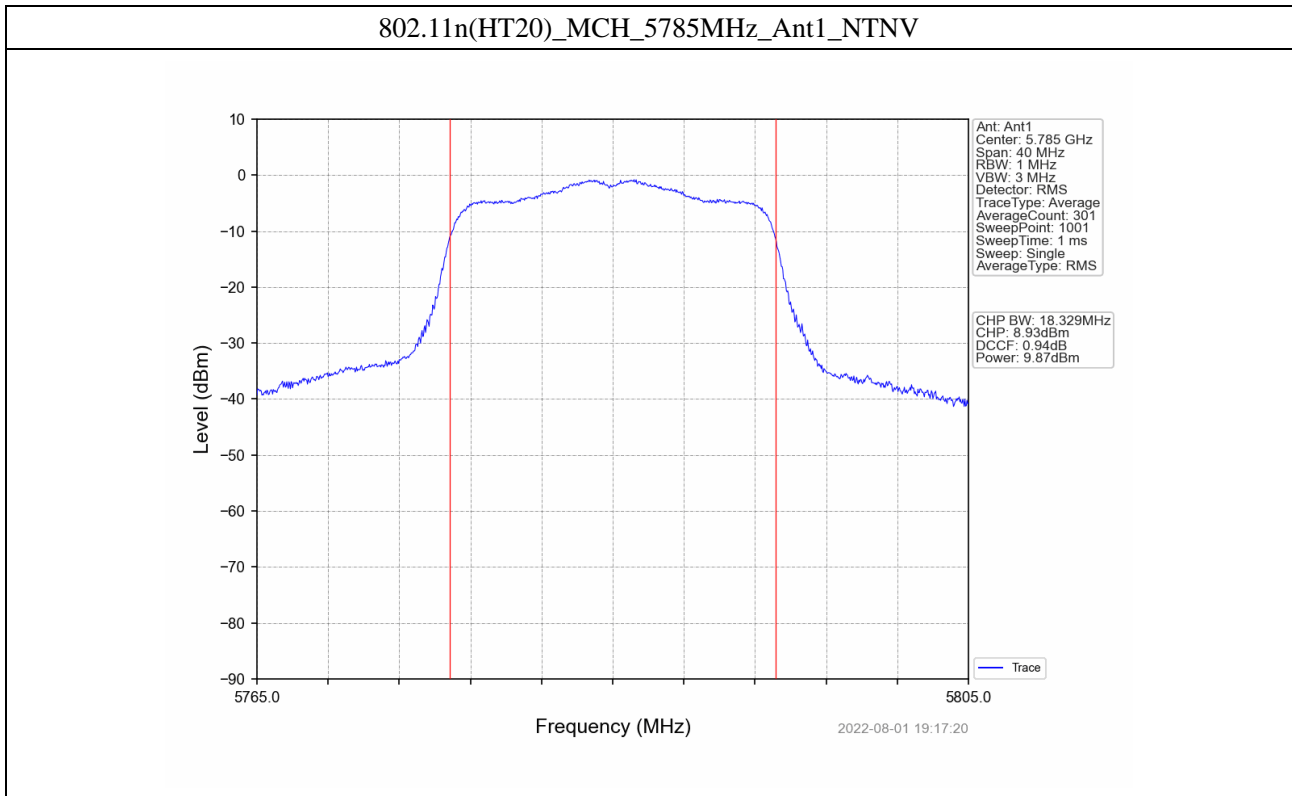


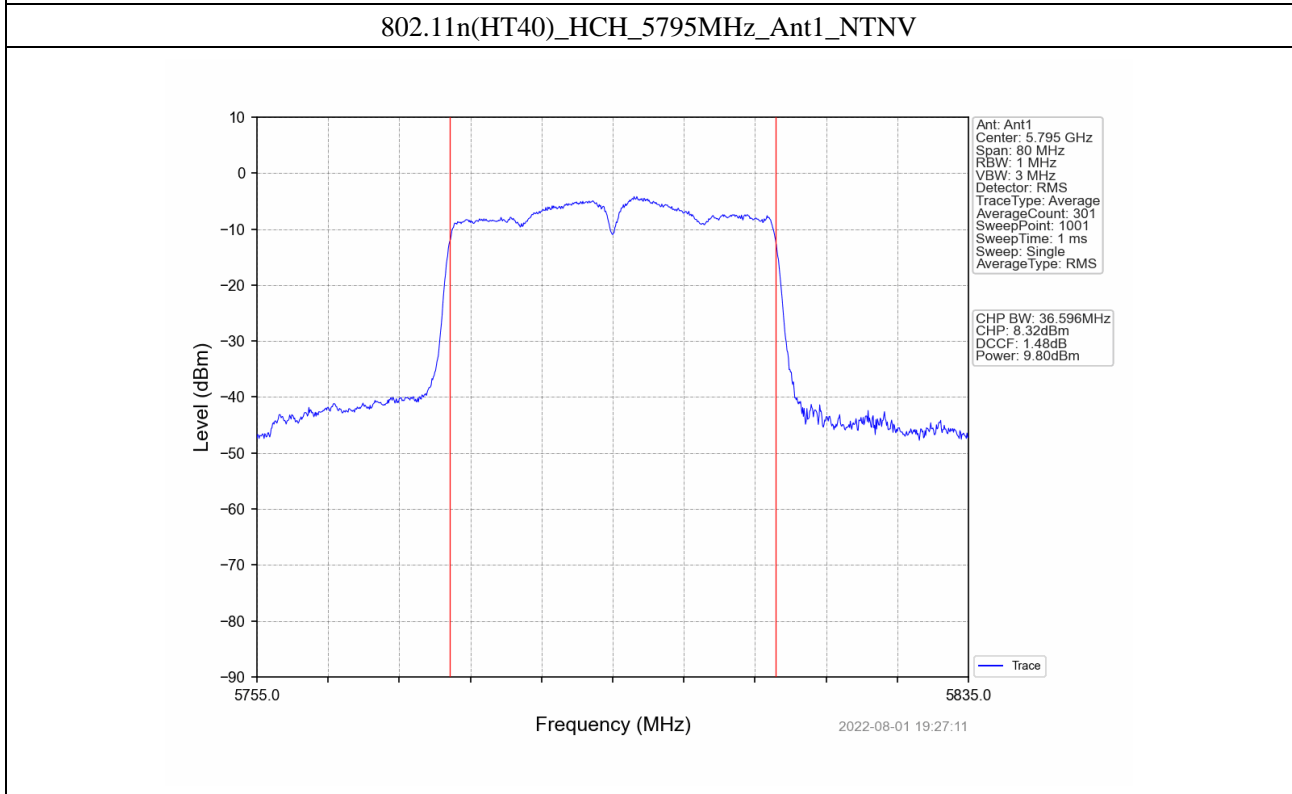
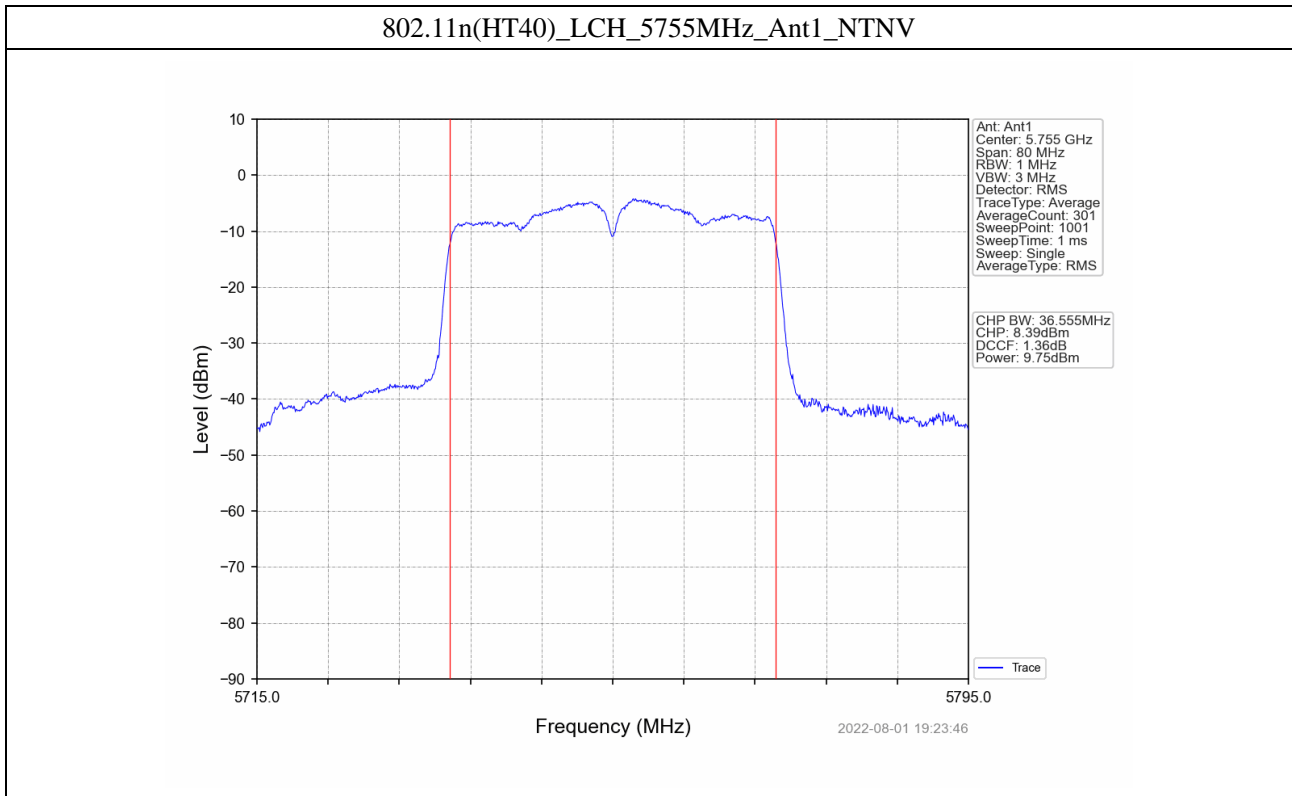


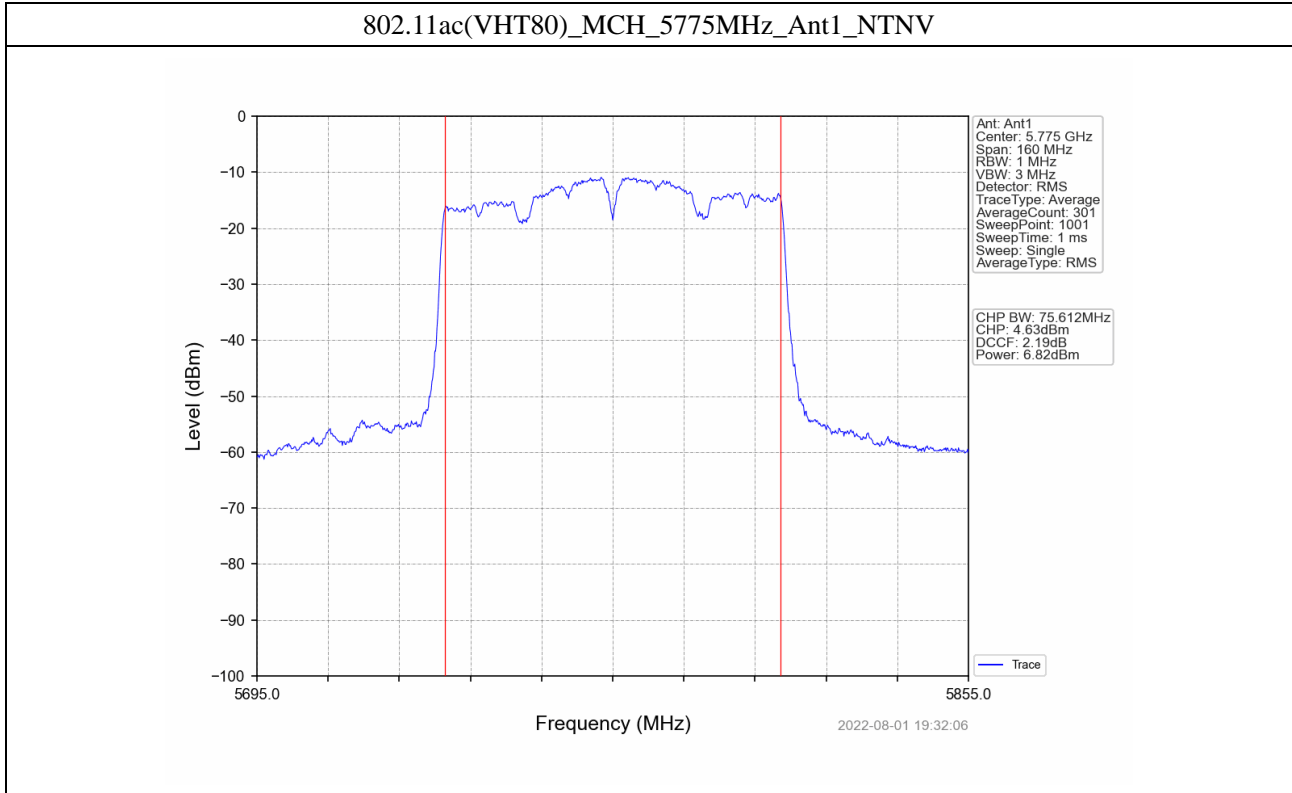
5725-5850MHz











APPENDIX D**Frequency Stability****U-NII-1:5150-5250MHz worst case at 802.11a**

| Mode | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VDC) | Measured Frequency (MHz) | Limit (MHz) | Verdict |
|---------|---------|-----------------|-------------------|---------------|--------------------------|--------------|---------|
| 802.11a | SISO | 5180 | 20 | 10.2 | 5179.980 | 5150 to 5250 | Pass |
| | | | | 12 | 5179.980 | 5150 to 5250 | Pass |
| | | | | 13.8 | 5179.980 | 5150 to 5250 | Pass |
| | | | -30 | 12 | 5179.980 | 5150 to 5250 | Pass |
| | | | -20 | 12 | 5179.980 | 5150 to 5250 | Pass |
| | | | -10 | 12 | 5179.980 | 5150 to 5250 | Pass |
| | | | 0 | 12 | 5179.980 | 5150 to 5250 | Pass |
| | | | 10 | 12 | 5179.960 | 5150 to 5250 | Pass |
| | | | 30 | 12 | 5179.980 | 5150 to 5250 | Pass |
| | | | 40 | 12 | 5179.980 | 5150 to 5250 | Pass |
| | | 50 | 12 | 5179.980 | 5150 to 5250 | Pass | |
| | | 5240 | 20 | 10.2 | 5239.980 | 5150 to 5250 | Pass |
| | | | | 12 | 5239.980 | 5150 to 5250 | Pass |
| | | | | 13.8 | 5239.980 | 5150 to 5250 | Pass |
| | | | -30 | 12 | 5239.980 | 5150 to 5250 | Pass |
| | | | -20 | 12 | 5239.980 | 5150 to 5250 | Pass |
| | | | -10 | 12 | 5239.980 | 5150 to 5250 | Pass |
| | | | 0 | 12 | 5239.980 | 5150 to 5250 | Pass |
| | | | 10 | 12 | 5239.980 | 5150 to 5250 | Pass |
| | | | 30 | 12 | 5239.980 | 5150 to 5250 | Pass |
| 40 | 12 | | 5239.980 | 5150 to 5250 | Pass | | |
| 50 | 12 | 5239.980 | 5150 to 5250 | Pass | | | |

| U-NII-2A: 5470-5725MHz worst case at 802.11a | | | | | | | |
|---|---------|-----------------|-------------------|---------------|--------------------------|--------------|---------|
| Mode | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VDC) | Measured Frequency (MHz) | Limit (MHz) | Verdict |
| 11A | SISO | 5260 | 20 | 10.2 | 5259.980 | 5250 to 5350 | Pass |
| | | | | 12 | 5259.980 | 5250 to 5350 | Pass |
| | | | | 13.8 | 5259.980 | 5250 to 5350 | Pass |
| | | | -30 | 12 | 5259.980 | 5250 to 5350 | Pass |
| | | | -20 | 12 | 5259.980 | 5250 to 5350 | Pass |
| | | | -10 | 12 | 5259.980 | 5250 to 5350 | Pass |
| | | | 0 | 12 | 5259.960 | 5250 to 5350 | Pass |
| | | | 10 | 12 | 5259.960 | 5250 to 5350 | Pass |
| | | | 30 | 12 | 5259.980 | 5250 to 5350 | Pass |
| | | | 40 | 12 | 5259.980 | 5250 to 5350 | Pass |
| | | | 50 | 12 | 5259.980 | 5250 to 5350 | Pass |
| | | 5320 | 20 | 10.2 | 5319.980 | 5250 to 5350 | Pass |
| | | | | 12 | 5319.980 | 5250 to 5350 | Pass |
| | | | | 13.8 | 5319.980 | 5250 to 5350 | Pass |
| | | | -30 | 12 | 5319.980 | 5250 to 5350 | Pass |
| | | | -20 | 12 | 5319.980 | 5250 to 5350 | Pass |
| | | | -10 | 12 | 5319.980 | 5250 to 5350 | Pass |
| | | | 0 | 12 | 5319.980 | 5250 to 5350 | Pass |
| | | | 10 | 12 | 5319.980 | 5250 to 5350 | Pass |
| | | | 30 | 12 | 5319.980 | 5250 to 5350 | Pass |
| | | | 40 | 12 | 5319.980 | 5250 to 5350 | Pass |
| 50 | 12 | 5319.980 | 5250 to 5350 | Pass | | | |

| U-NII-2C:5725-5850MHz worst case at 802.11a | | | | | | | |
|---|---------|-----------------|-------------------|---------------|--------------------------|--------------|---------|
| Mode | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VDC) | Measured Frequency (MHz) | Limit (MHz) | Verdict |
| 11A | SISO | 5500 | 20 | 10.2 | 5499.980 | 5470 to 5725 | Pass |
| | | | | 12 | 5499.980 | 5470 to 5725 | Pass |
| | | | | 13.8 | 5499.980 | 5470 to 5725 | Pass |
| | | | -30 | 12 | 5499.960 | 5470 to 5725 | Pass |
| | | | -20 | 12 | 5499.980 | 5470 to 5725 | Pass |
| | | | -10 | 12 | 5499.980 | 5470 to 5725 | Pass |
| | | | 0 | 12 | 5499.980 | 5470 to 5725 | Pass |
| | | | 10 | 12 | 5499.960 | 5470 to 5725 | Pass |
| | | | 30 | 12 | 5499.980 | 5470 to 5725 | Pass |
| | | | 40 | 12 | 5499.980 | 5470 to 5725 | Pass |
| | | 50 | 12 | 5499.980 | 5470 to 5725 | Pass | |
| | | 5700 | 20 | 10.2 | 5700.000 | 5470 to 5725 | Pass |
| | | | | 12 | 5699.980 | 5470 to 5725 | Pass |
| | | | | 13.8 | 5700.000 | 5470 to 5725 | Pass |
| | | | -30 | 12 | 5700.000 | 5470 to 5725 | Pass |
| | | | -20 | 12 | 5699.980 | 5470 to 5725 | Pass |
| | | | -10 | 12 | 5699.980 | 5470 to 5725 | Pass |
| | | | 0 | 12 | 5699.980 | 5470 to 5725 | Pass |
| | | | 10 | 12 | 5700.000 | 5470 to 5725 | Pass |
| | | | 30 | 12 | 5700.000 | 5470 to 5725 | Pass |
| 40 | 12 | | 5700.000 | 5470 to 5725 | Pass | | |
| 50 | 12 | 5699.980 | 5470 to 5725 | Pass | | | |

| U-NII-3:5725-5850MHz worst case at 802.11a | | | | | | | |
|--|---------|-----------------|-------------------|---------------|--------------------------|--------------|--------------|
| Mode | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VDC) | Measured Frequency (MHz) | Limit (MHz) | Verdict |
| 802.11a | SISO | 5745 | 20 | 10.2 | 5745.000 | 5725 to 5850 | Pass |
| | | | | 12 | 5744.980 | 5725 to 5850 | Pass |
| | | | | 13.8 | 5744.980 | 5725 to 5850 | Pass |
| | | | -30 | 12 | 5744.980 | 5725 to 5850 | Pass |
| | | | -20 | 12 | 5744.980 | 5725 to 5850 | Pass |
| | | | -10 | 12 | 5744.980 | 5725 to 5850 | Pass |
| | | | 0 | 12 | 5744.980 | 5725 to 5850 | Pass |
| | | | 10 | 12 | 5745.000 | 5725 to 5850 | Pass |
| | | | 30 | 12 | 5744.980 | 5725 to 5850 | Pass |
| | | | 40 | 12 | 5745.000 | 5725 to 5850 | Pass |
| | | | 50 | 12 | 5744.980 | 5725 to 5850 | Pass |
| | | | 5825 | 20 | 10.2 | 5824.960 | 5725 to 5850 |
| | | 12 | | | 5824.980 | 5725 to 5850 | Pass |
| | | 13.8 | | | 5824.980 | 5725 to 5850 | Pass |
| | | -30 | | 12 | 5824.980 | 5725 to 5850 | Pass |
| | | -20 | | 12 | 5824.980 | 5725 to 5850 | Pass |
| | | -10 | | 12 | 5824.980 | 5725 to 5850 | Pass |
| | | 0 | | 12 | 5824.980 | 5725 to 5850 | Pass |
| | | 10 | | 12 | 5824.980 | 5725 to 5850 | Pass |
| | | 30 | | 12 | 5824.980 | 5725 to 5850 | Pass |
| | | 40 | 12 | 5824.980 | 5725 to 5850 | Pass | |
| 50 | 12 | 5824.980 | 5725 to 5850 | Pass | | | |

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

******* END OF REPORT *******