

APPENDIX II

Duty Cycle Information

■ Test Procedure

Duty Cycle [X = On Time / (On + Off time)] is measured using Measurement Procedure of **KDB789033 D02v02r01**

1. Set the center frequency of the spectrum analyzer to the center frequency of the transmission.
2. Set RBW \geq EBW if possible; otherwise, set RBW to the largest available value.
3. Set VBW \geq RBW. Set detector = peak.
4. Note : The zero-span measurement method shall not be used unless both **RBW and VBW are $> 50 / T$** , where T is defined in section II.B.1.a), and **the number of sweep points across duration T exceeds 100**. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if $T \leq 16.7$ microseconds.)

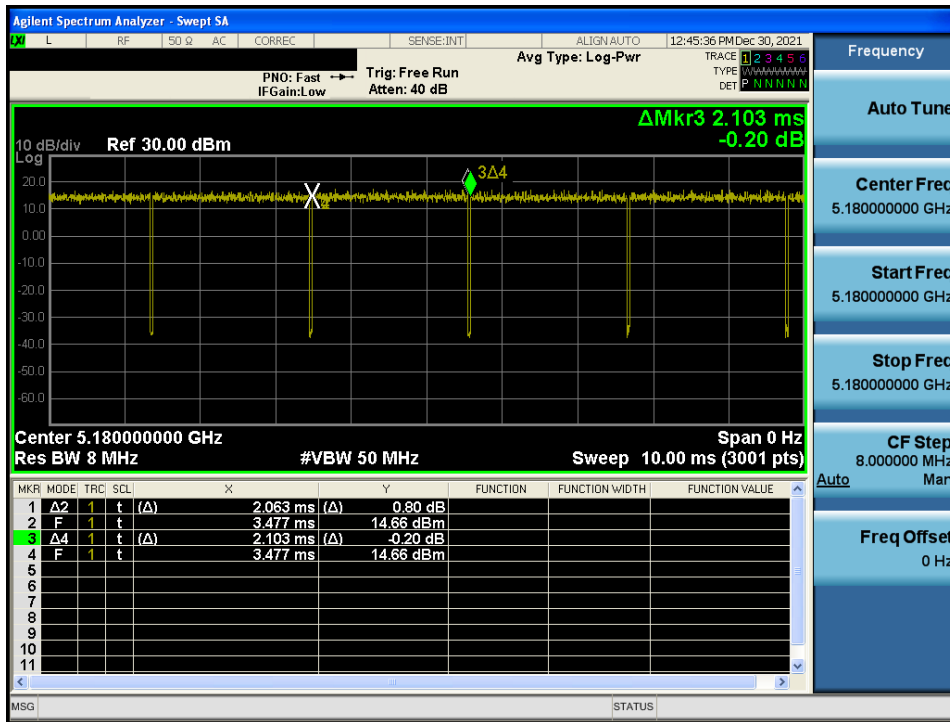
T : The minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

($T =$ **On time** of the above table since the EUT operates with above fixed Duty Cycle and it is the minimum On time)

Test Plot:

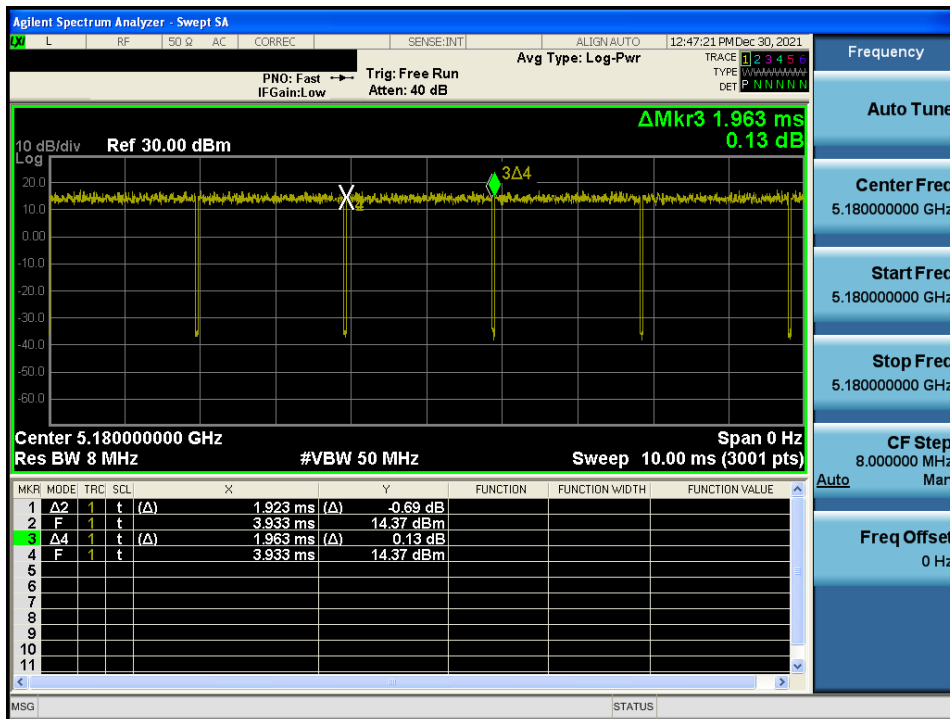
Duty Cycle

Test Mode: TM1 & Ch.36



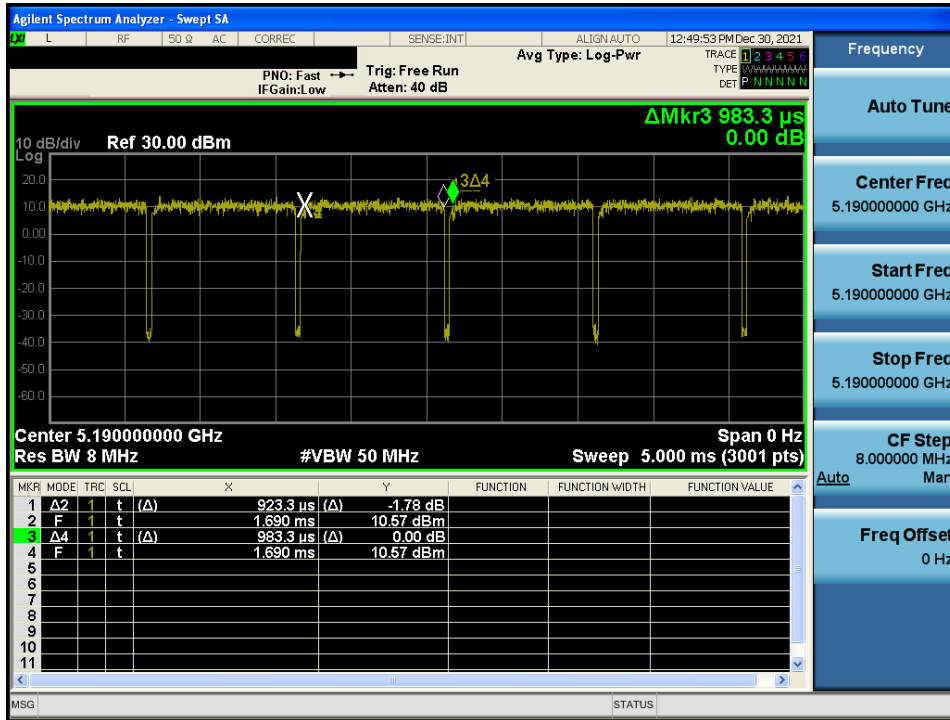
Duty Cycle

Test Mode: TM 2 & Ch.36



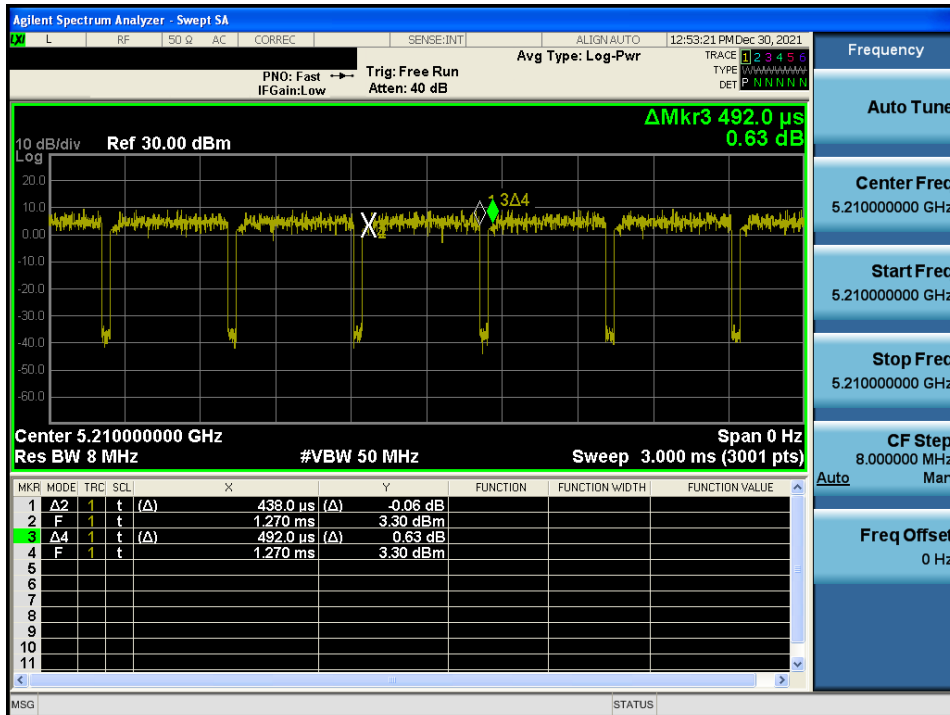
Duty Cycle

Test Mode: TM 3 & Ch.38



Duty Cycle

Test Mode: TM 4 & Ch.42

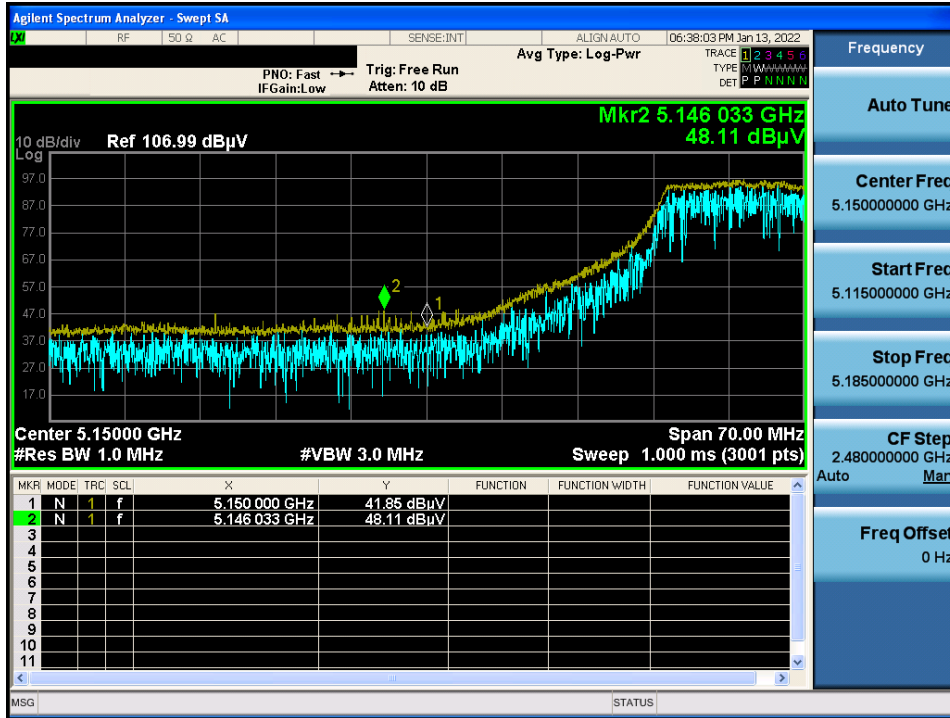


APPENDIX III

Unwanted Emissions (Radiated) Test Plot:

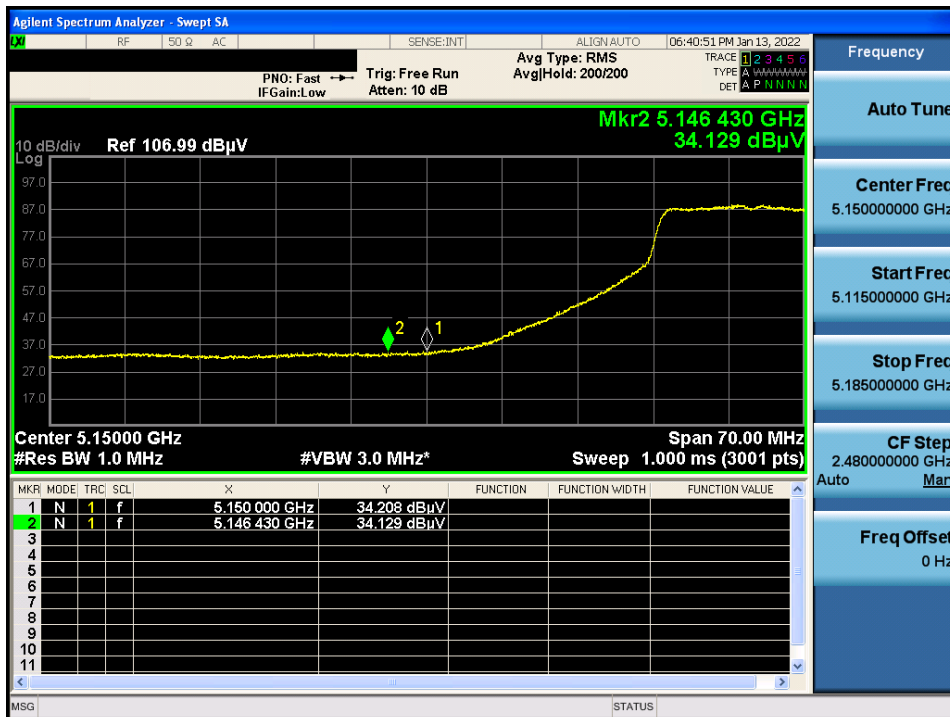
TM 1 & U-NII 1 & 5 180 & Y axis & Hor

Detector Mode : PK



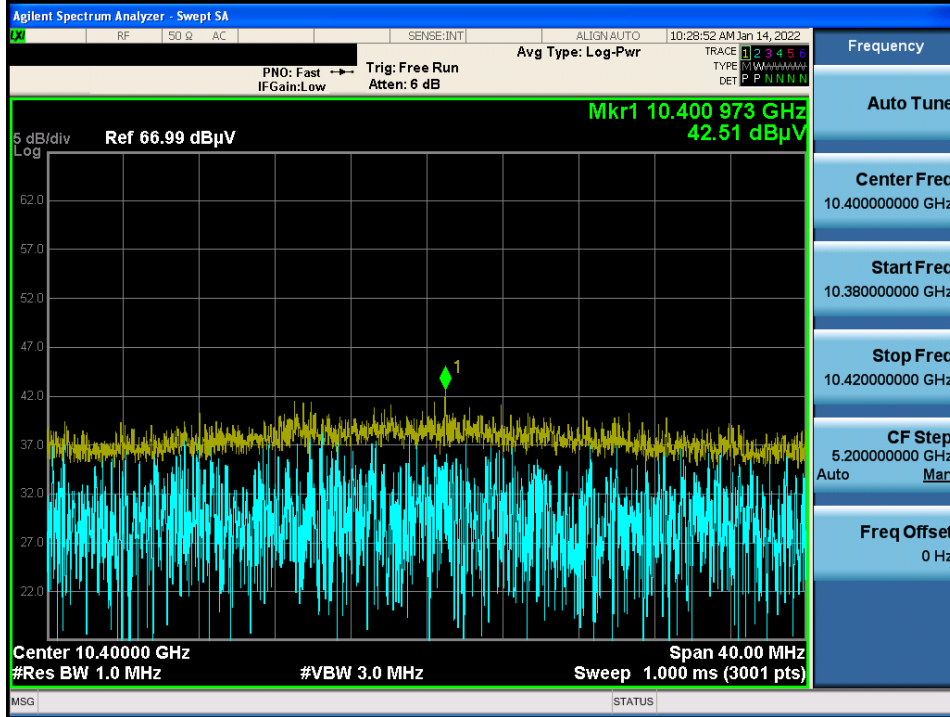
TM 1 & U-NII 1 & 5 180 & Y axis & Hor

Detector Mode : AV



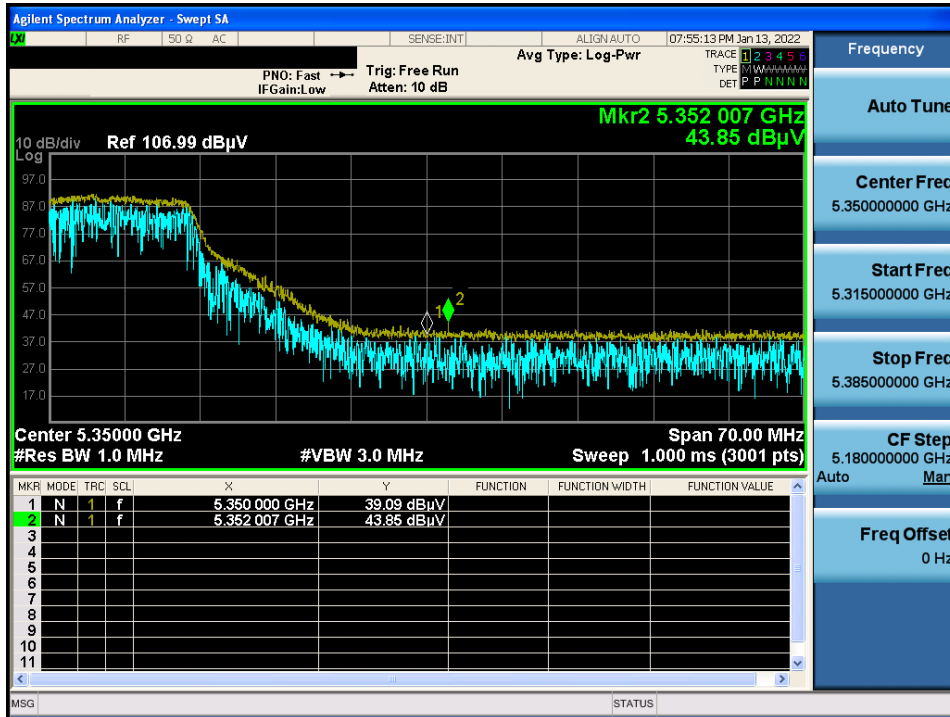
TM 1 & U-NII 1 & 5 200 & Z axis & Ver

Detector Mode : PK



TM 1 & U-NII 2A & 5 320 & Y axis & Hor

Detector Mode : PK



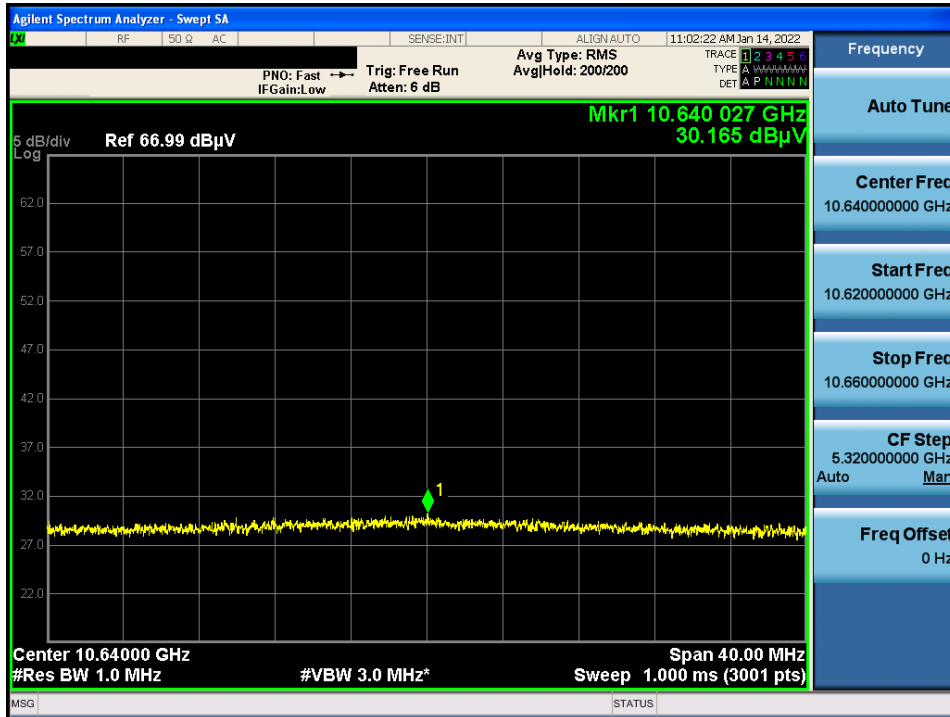
TM 1 & U-NII 2A & 5 320 & Y axis & Hor

Detector Mode : AV



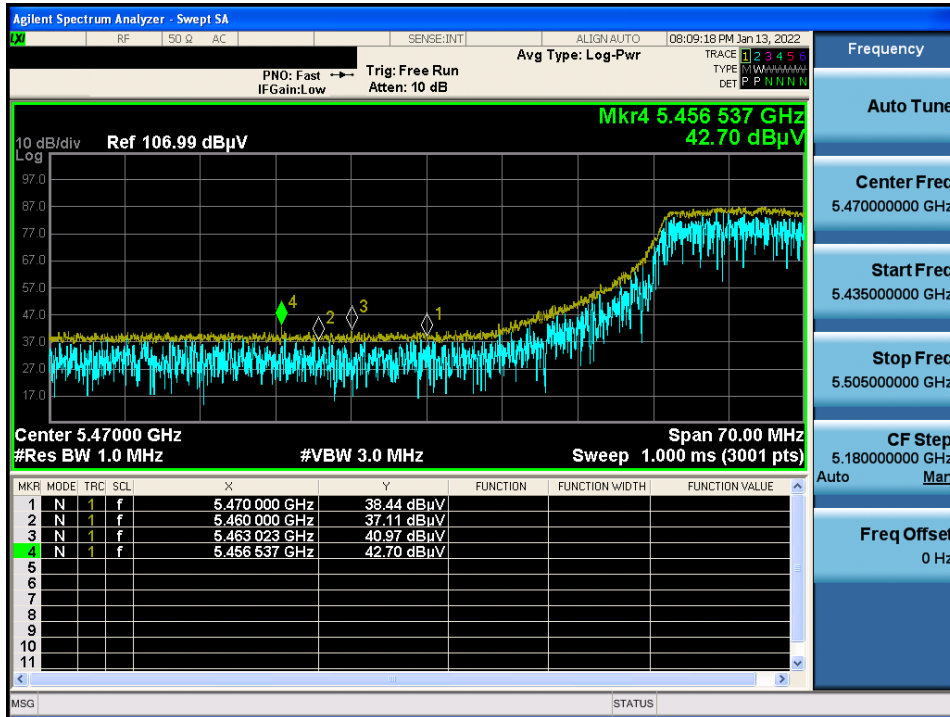
TM 1 & U-NII 2A & 5 320 & Z axis & Ver

Detector Mode : AV



TM 1 & U-NII 2C & 5 500 & Y axis & Hor

Detector Mode : PK



TM 1 & U-NII 2C & 5 500 & Y axis & Hor

Detector Mode : AV



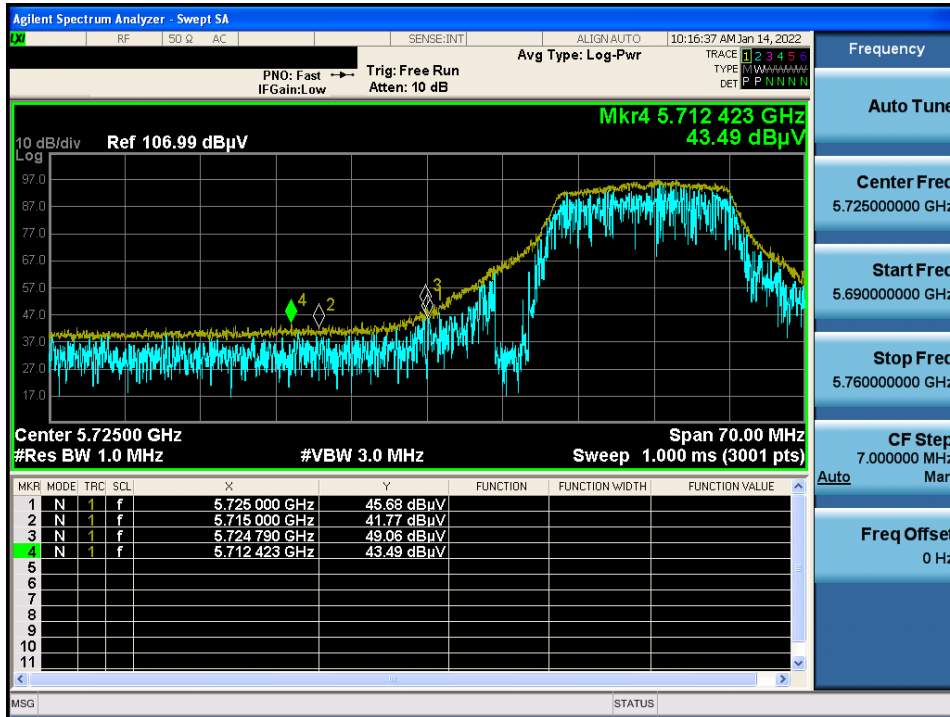
TM 1 & U-NII 2C & 5 720 & X axis & Hor

Detector Mode : AV



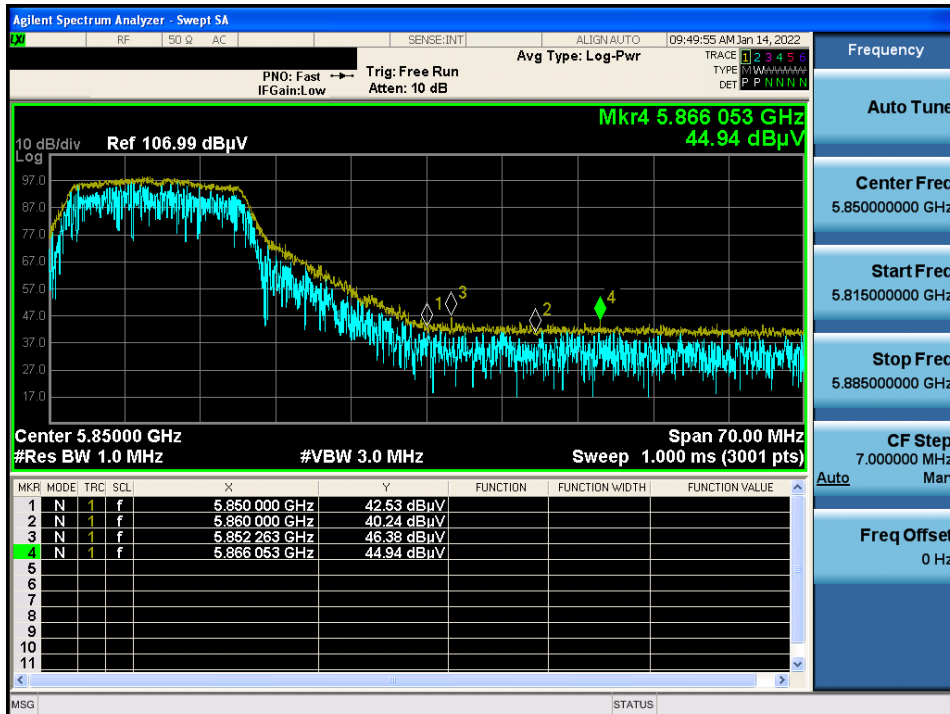
TM 1 & U-NII 3 & 5 745 & Y axis & Hor

Detector Mode : PK



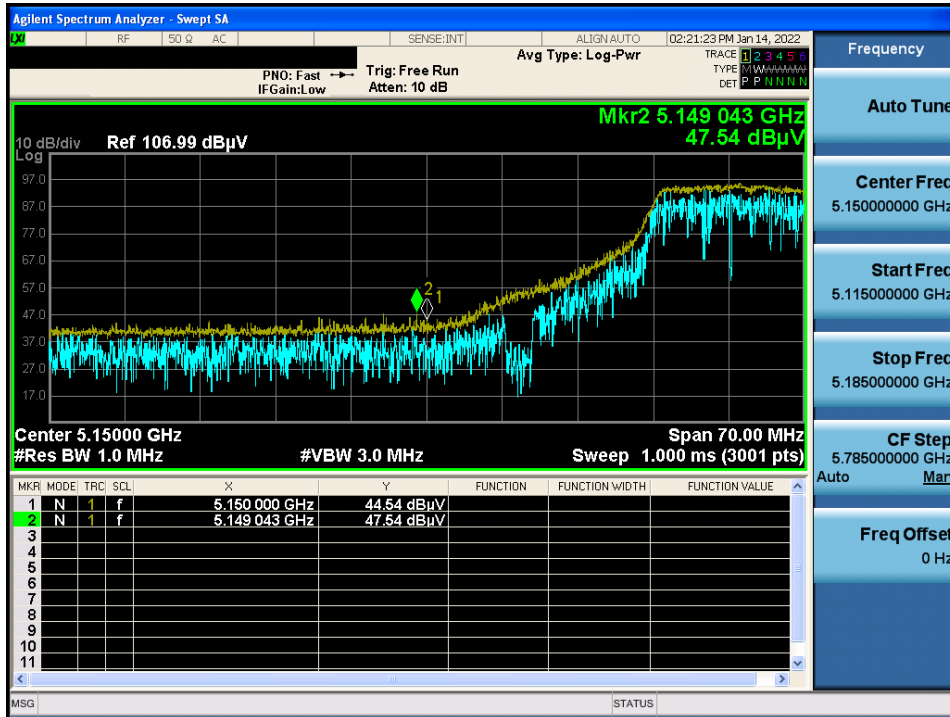
TM 1 & U-NII 3 & 5 825 & Y axis & Hor

Detector Mode : PK



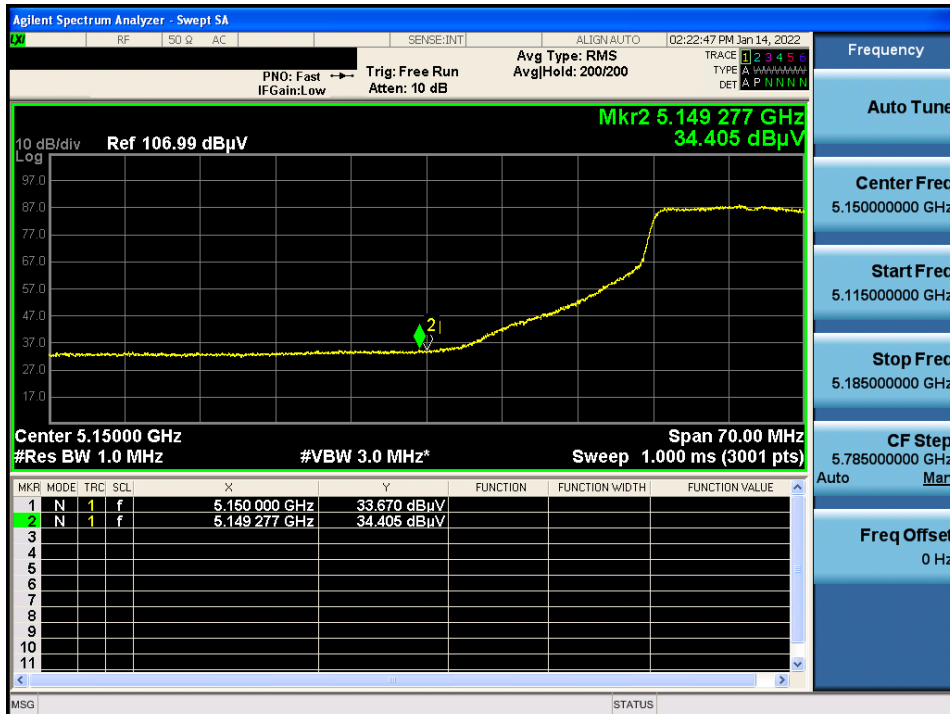
TM 2 & U-NII 1 & 5 180 & X axis & Ver

Detector Mode : PK



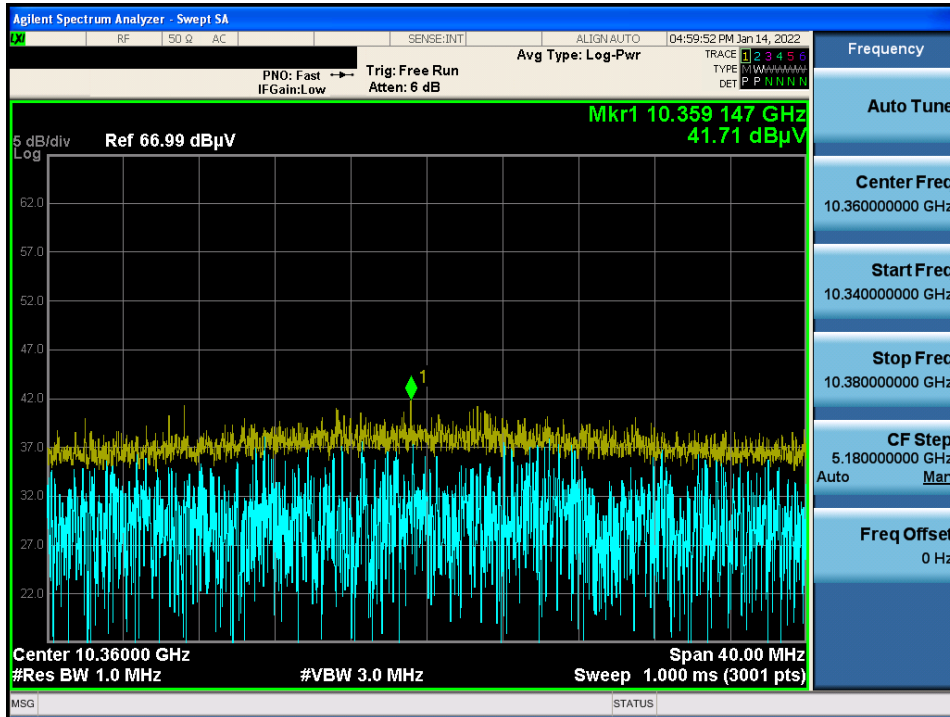
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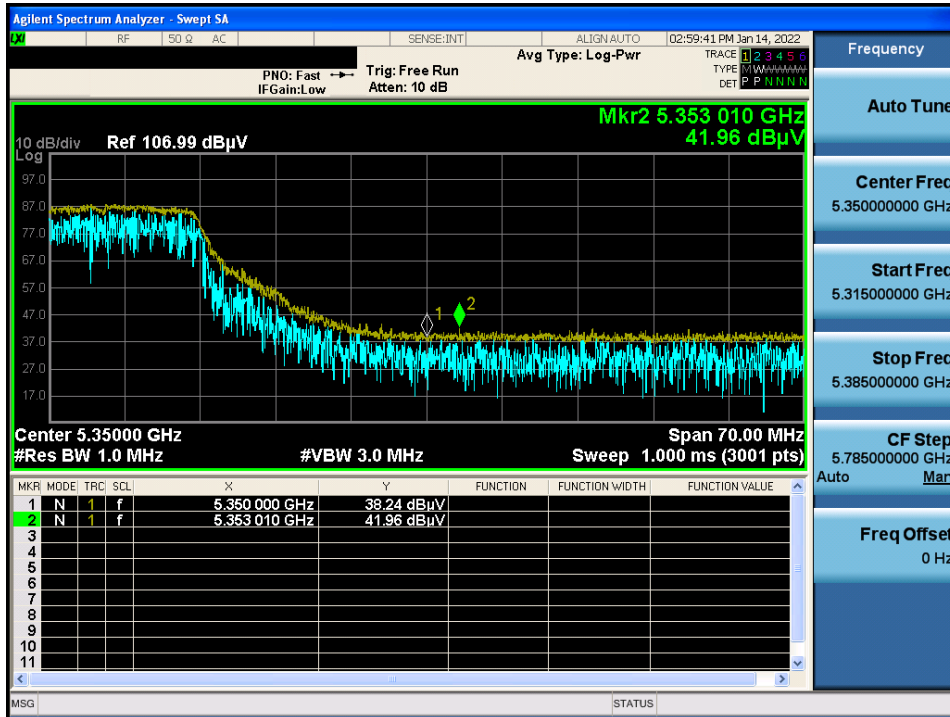
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Detector Mode : PK



TM 2 & U-NII 2A & 5 320 & X axis & Ver

Detector Mode : PK



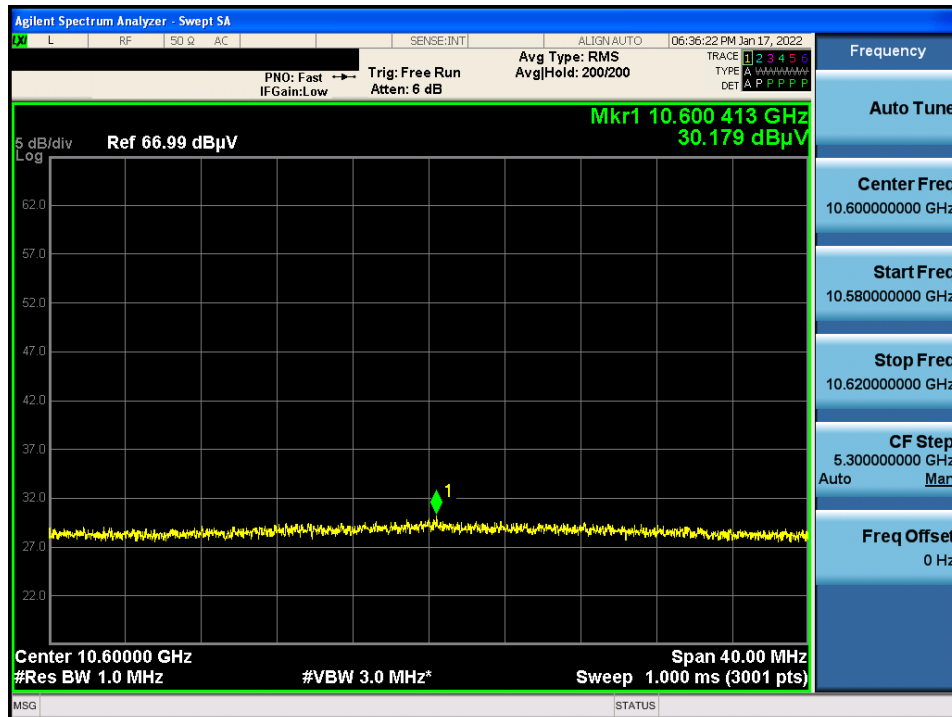
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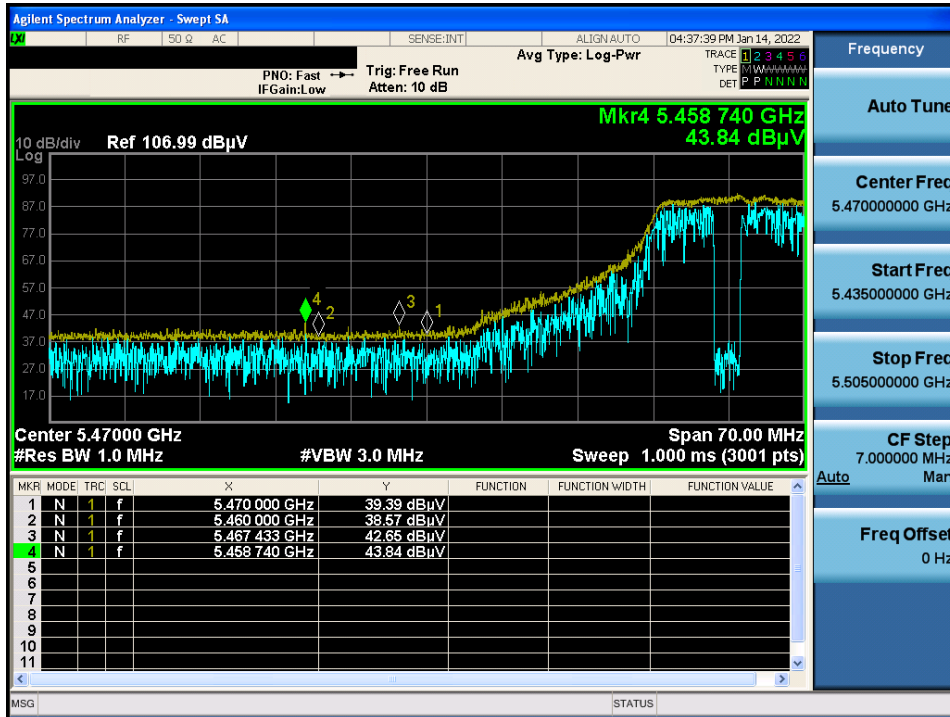
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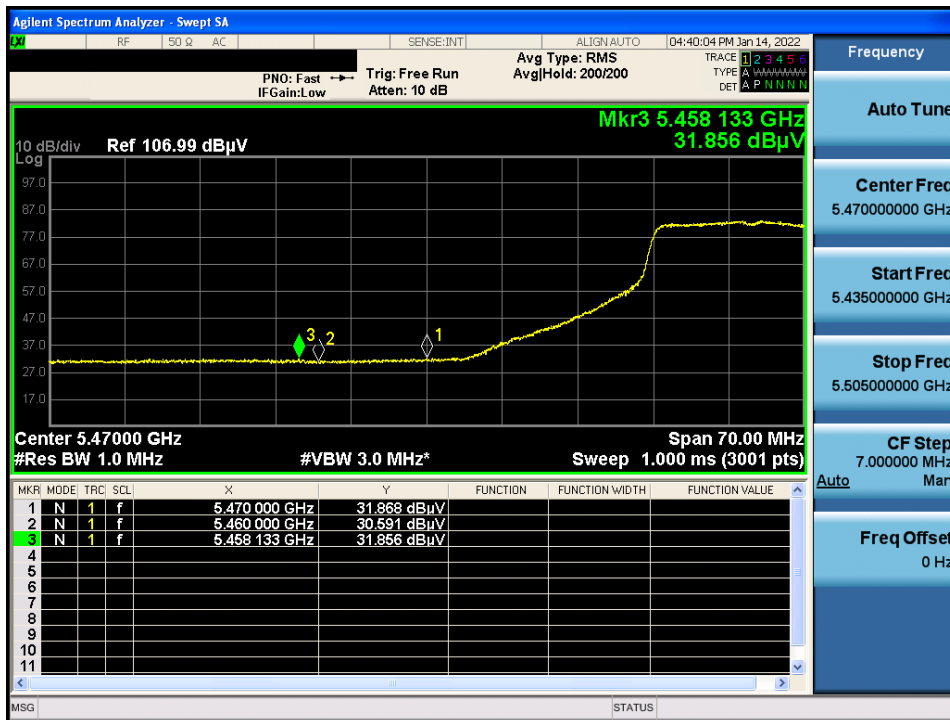
TM 2 & U-NII 2C & 5 500 & Y axis & Hor

Detector Mode : PK



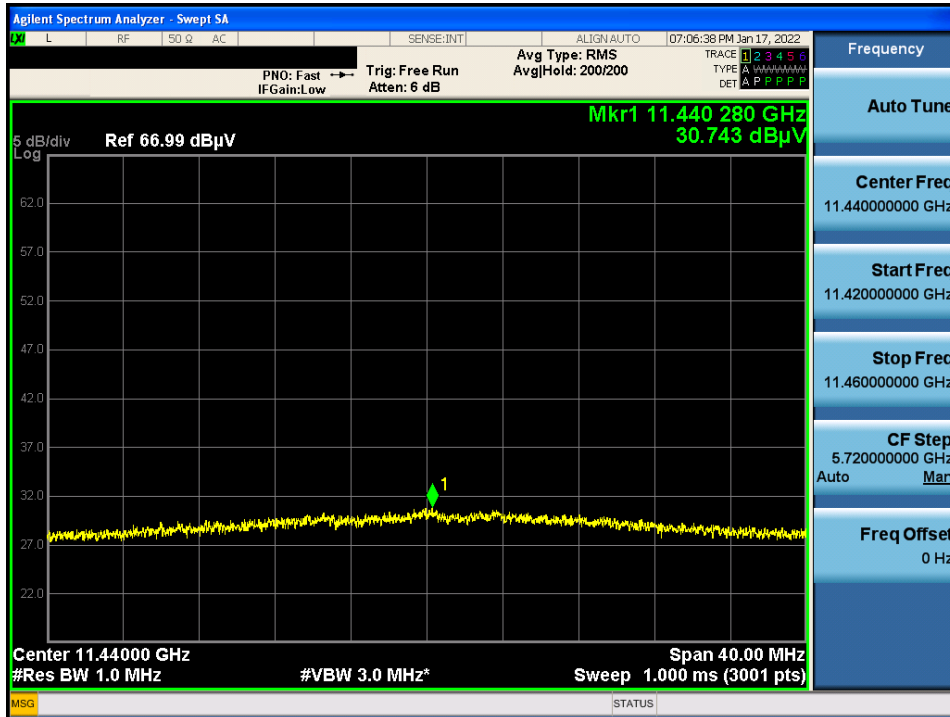
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Detector Mode : AV



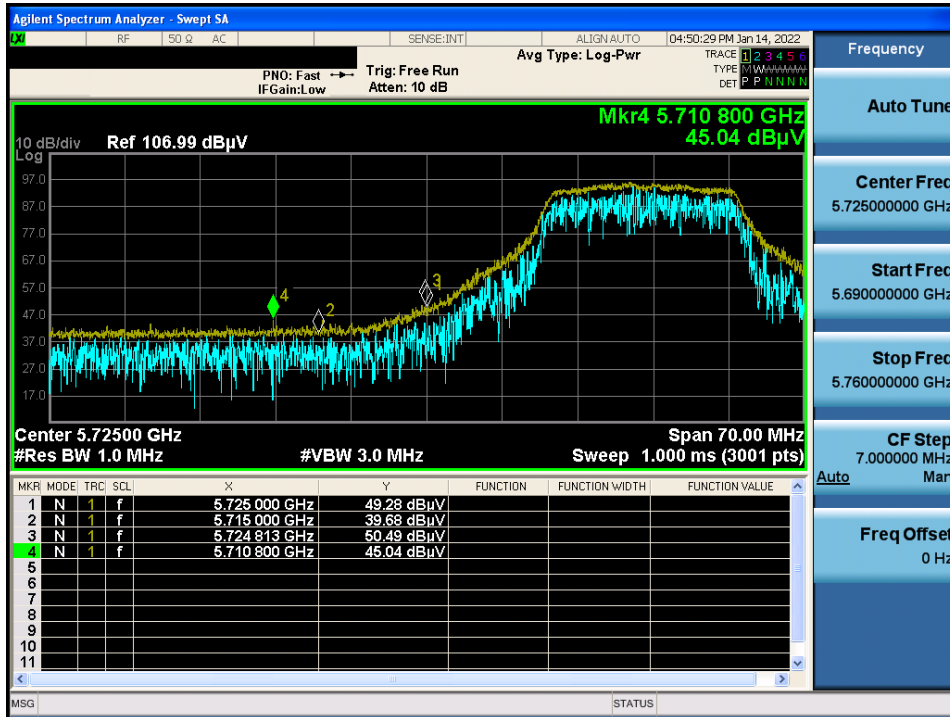
TM 2 & U-NII 2C & 5 720 & X axis & Hor

Detector Mode : AV



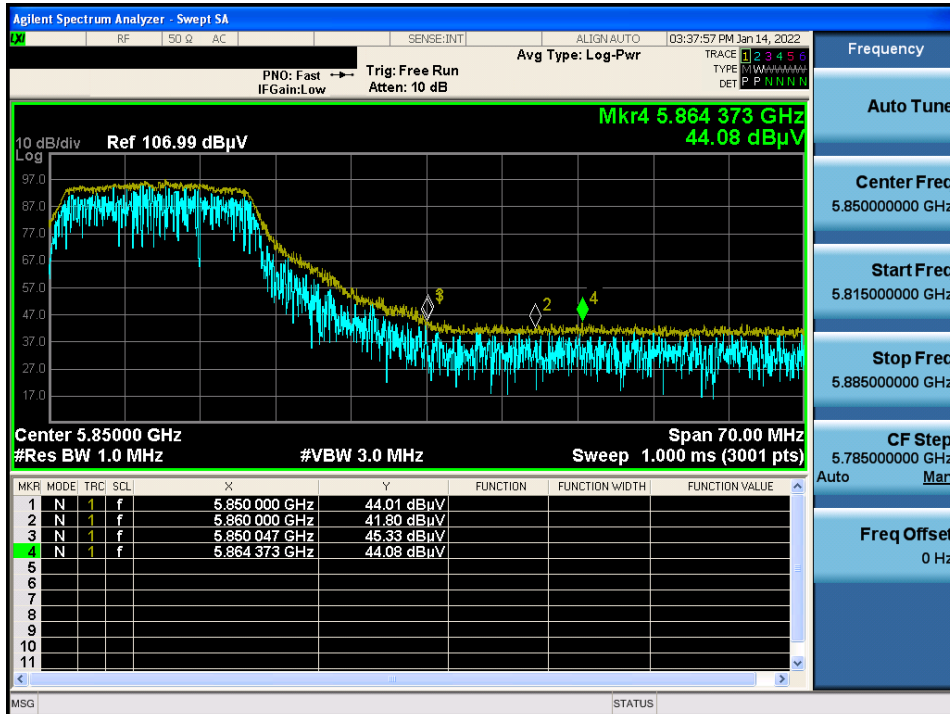
TM 2 & U-NII 3 & 5 745 & Y axis & Hor

Detector Mode : PK



TM 2 & U-NII 3 & 5 825 & Y axis & Hor

Detector Mode : PK



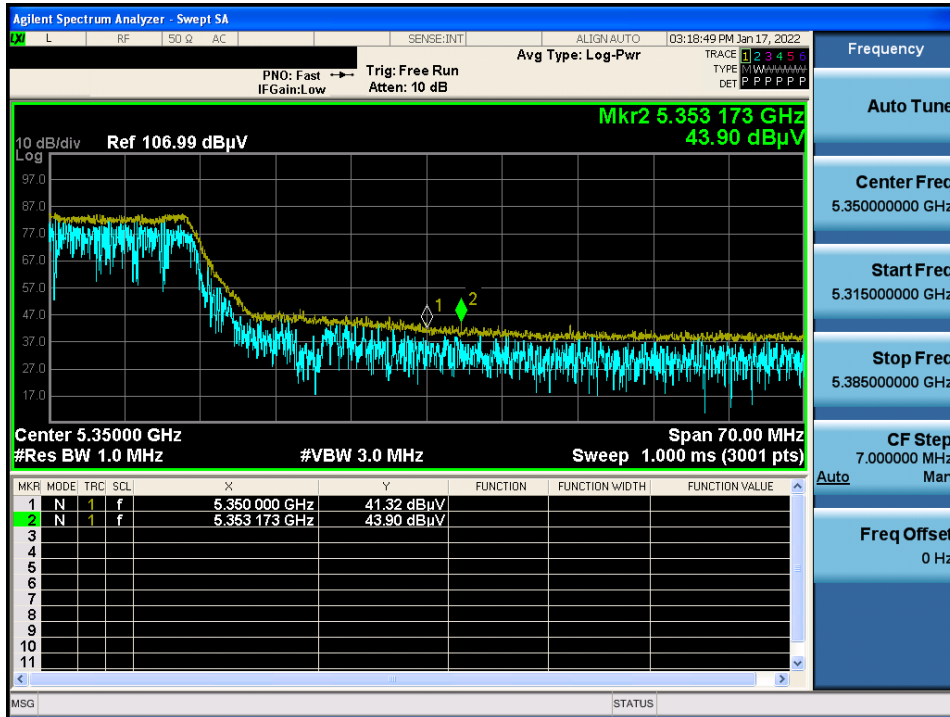
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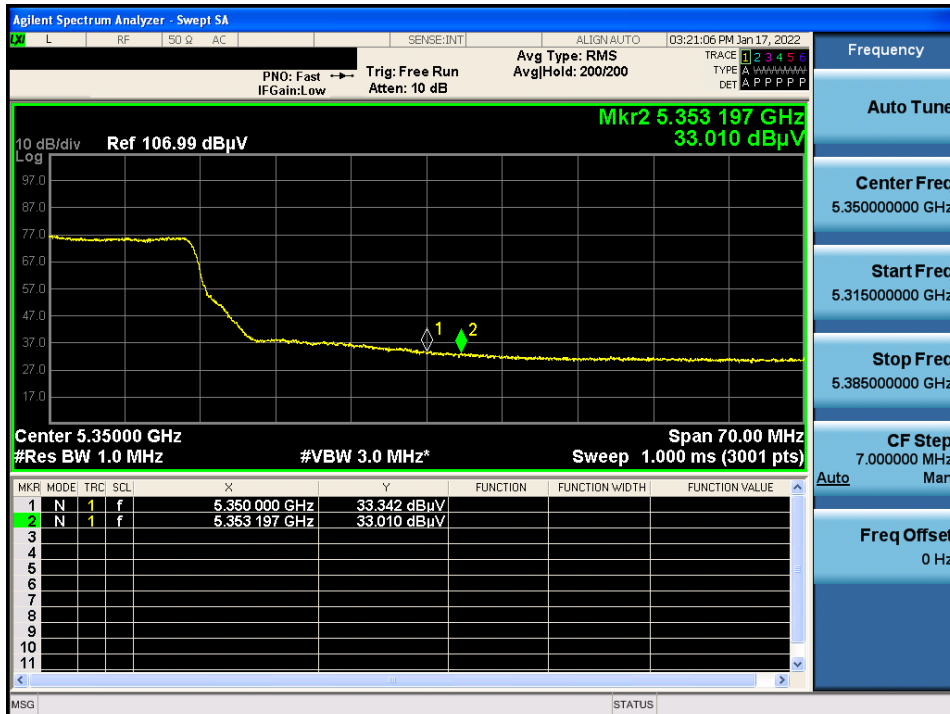
TM 3 & U-NII 2A & 5 310 & X axis & Ver

Detector Mode : PK



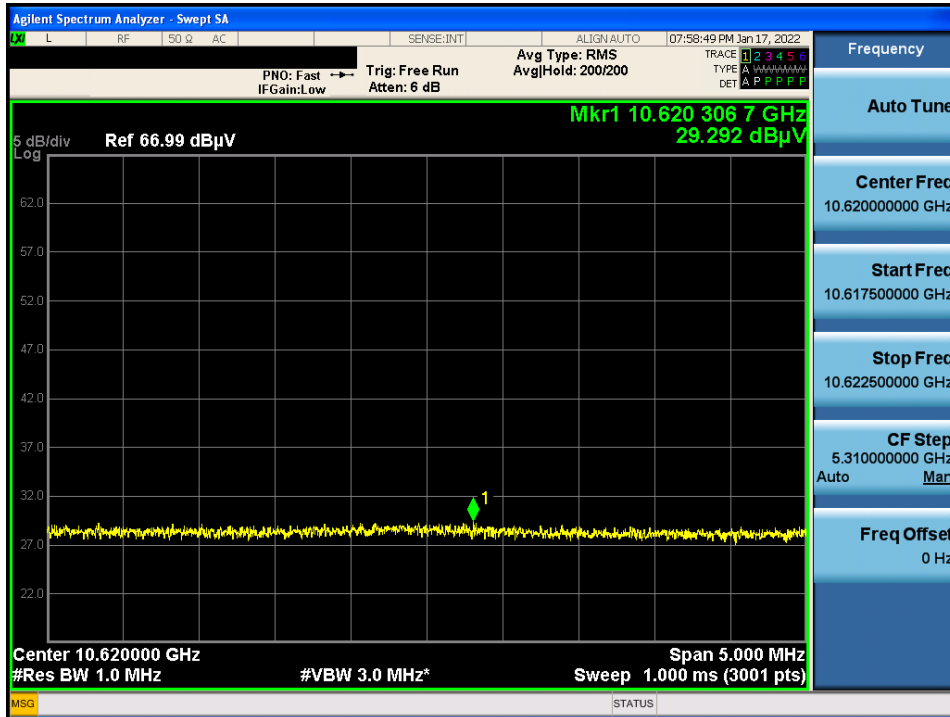
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Detector Mode : AV



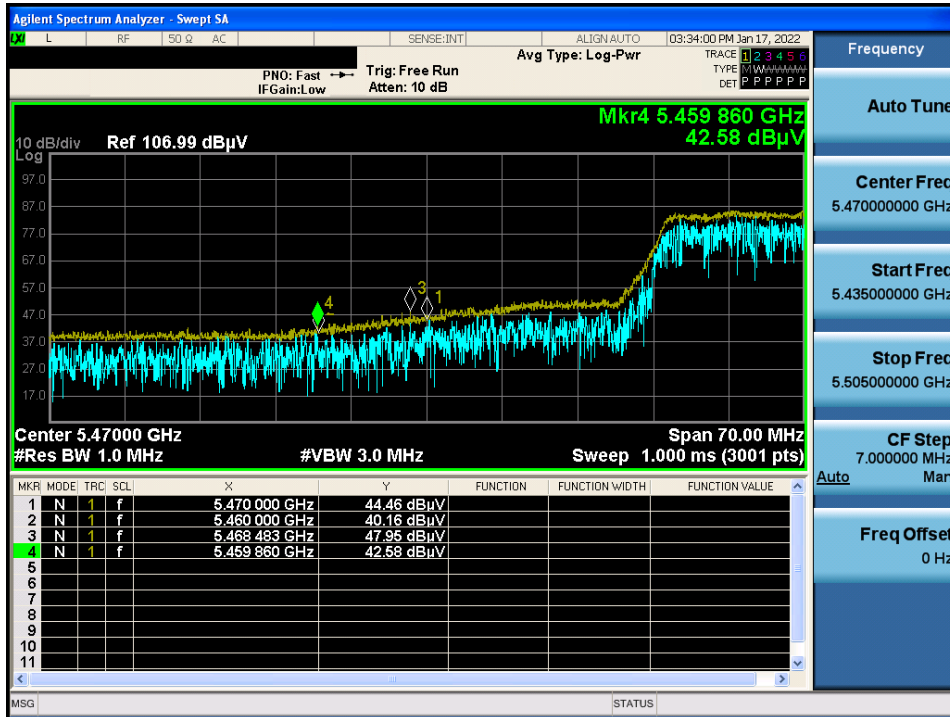
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Detector Mode : AV



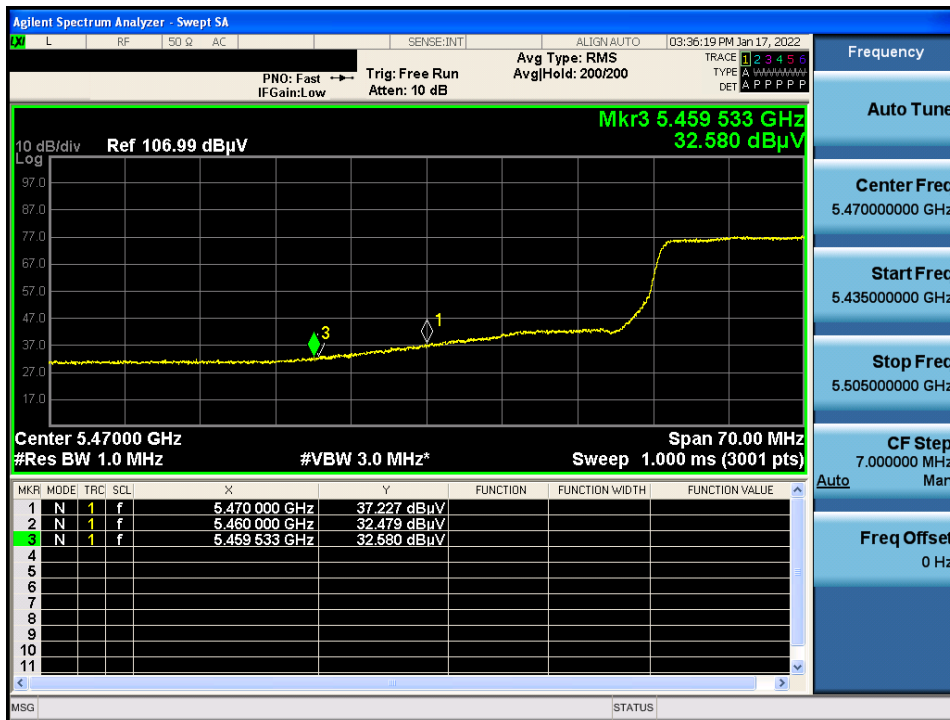
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Detector Mode : PK



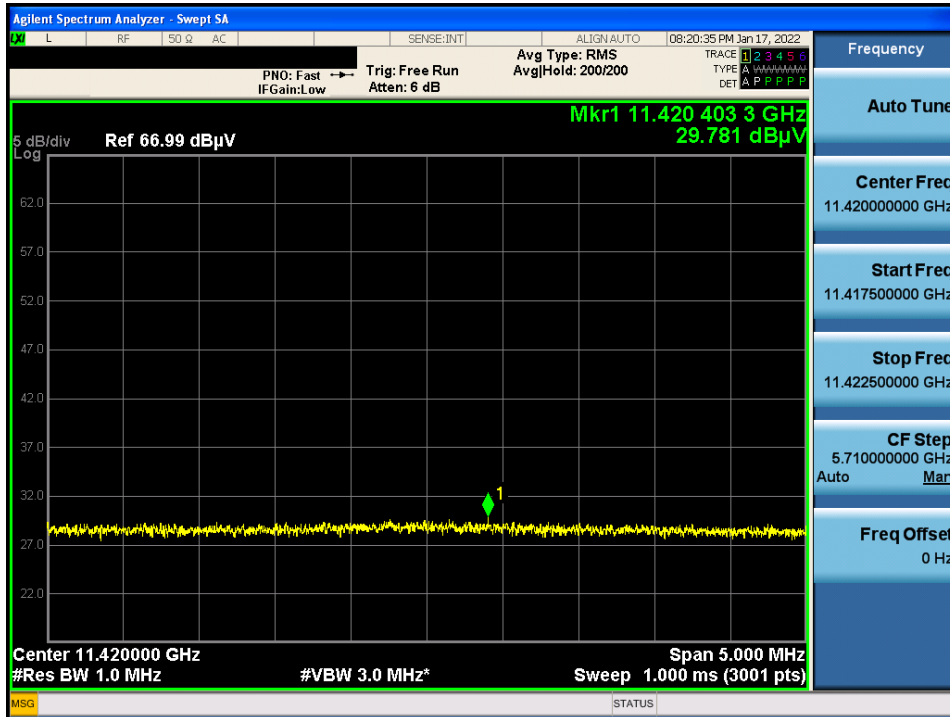
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Detector Mode : AV



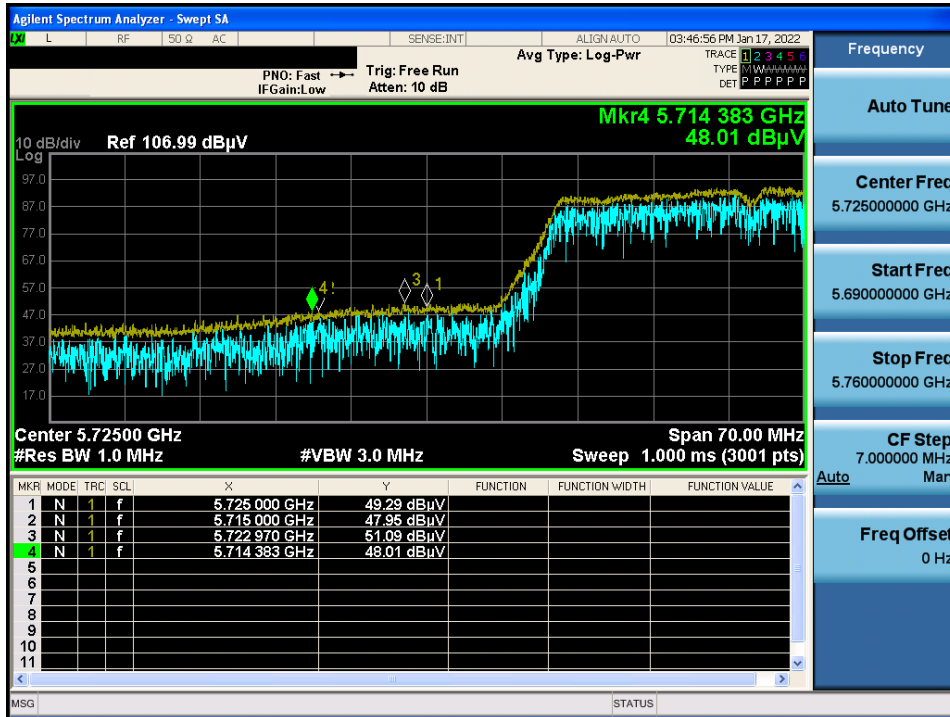
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Detector Mode : AV



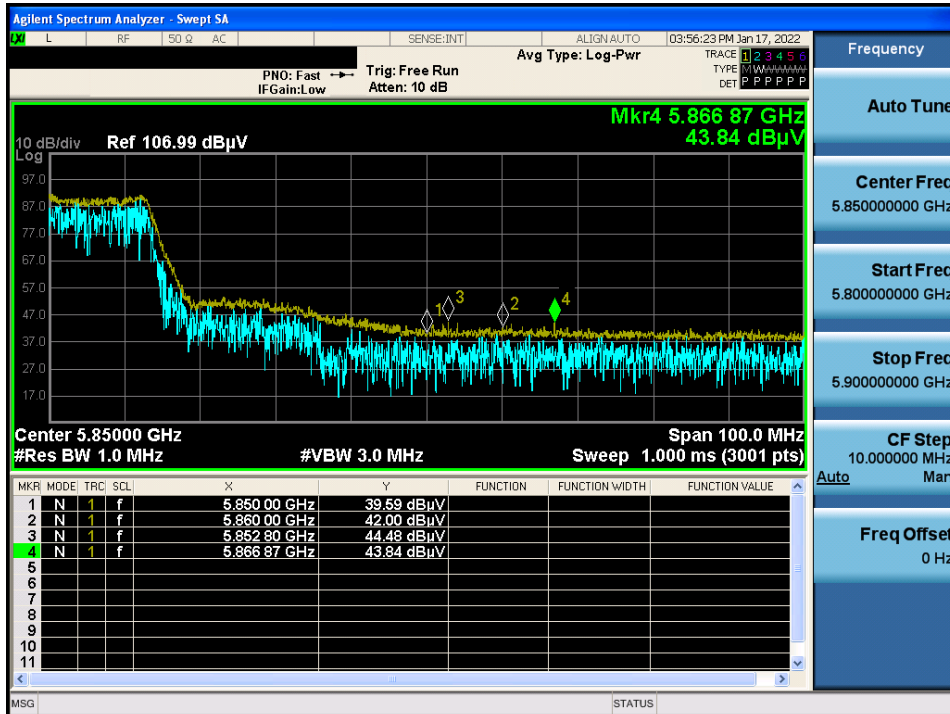
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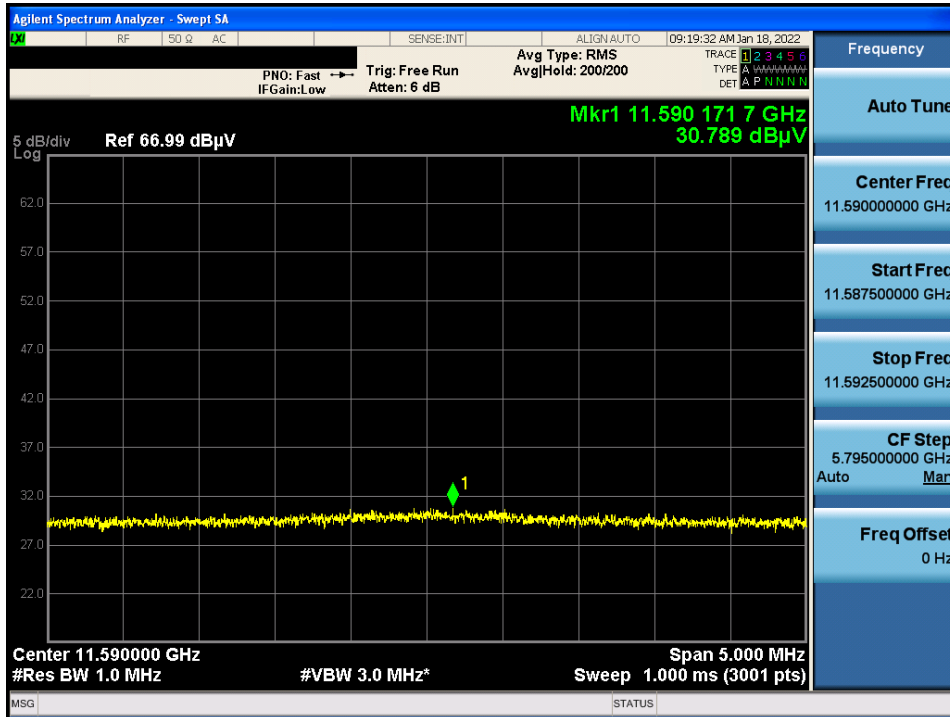
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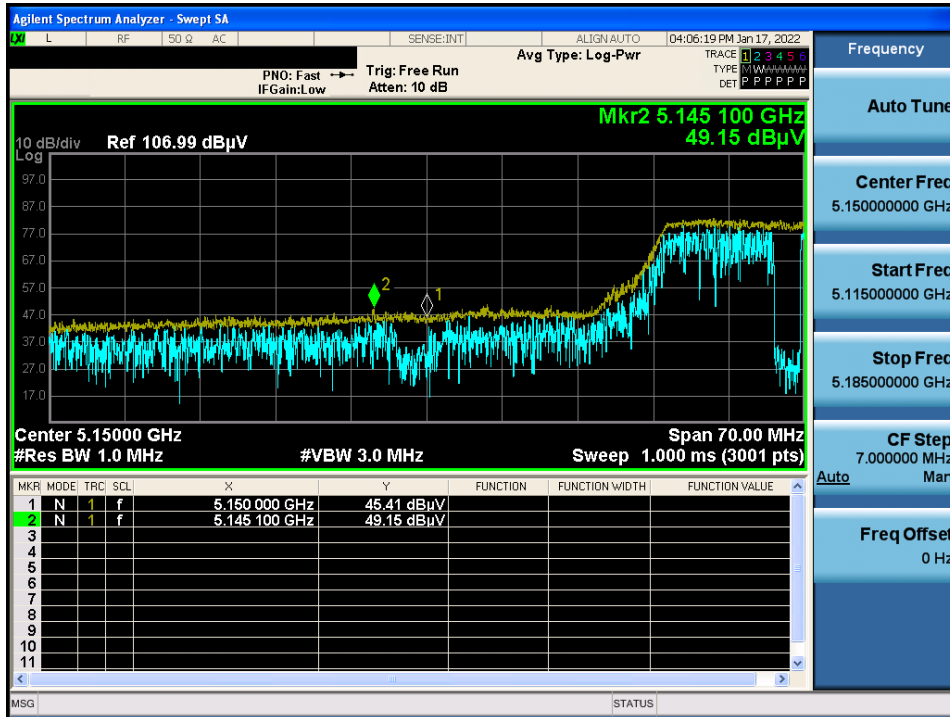
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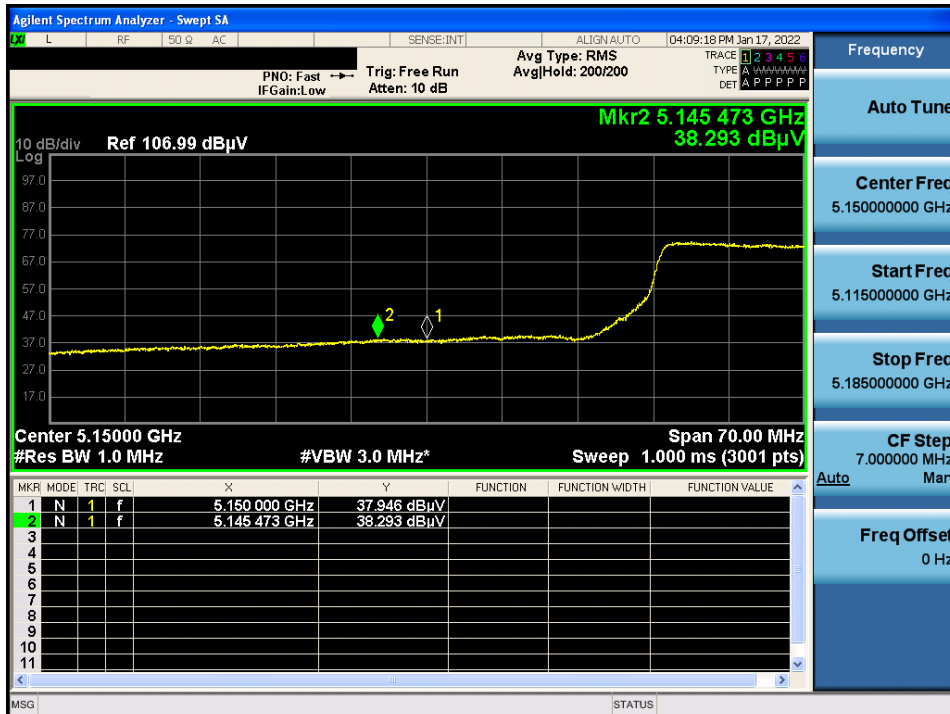
TM 4 & U-NII 1 & 5 210 & X axis & Ver

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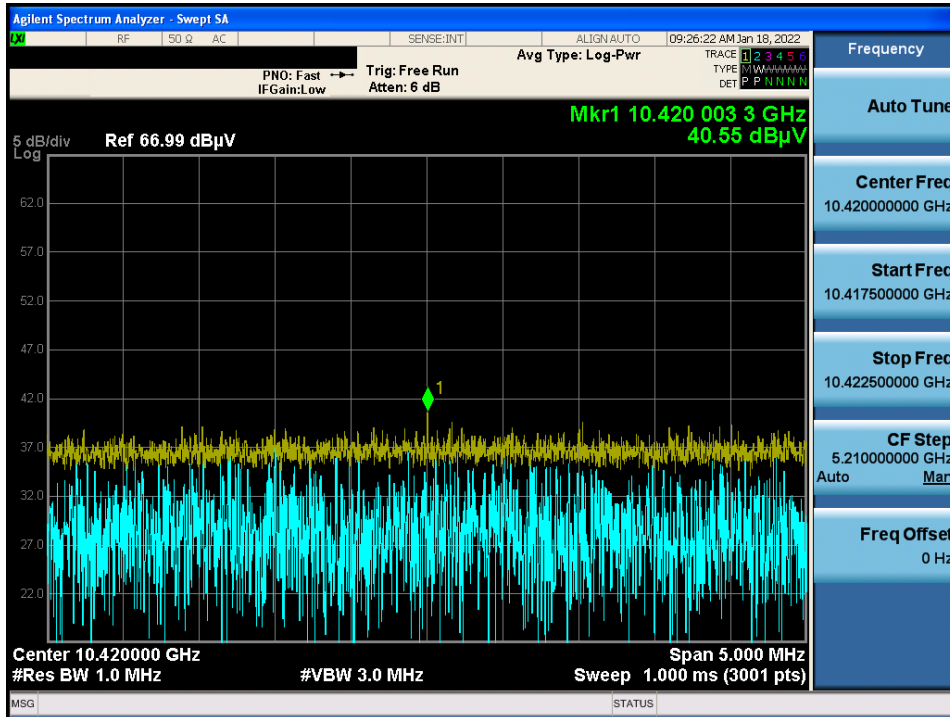
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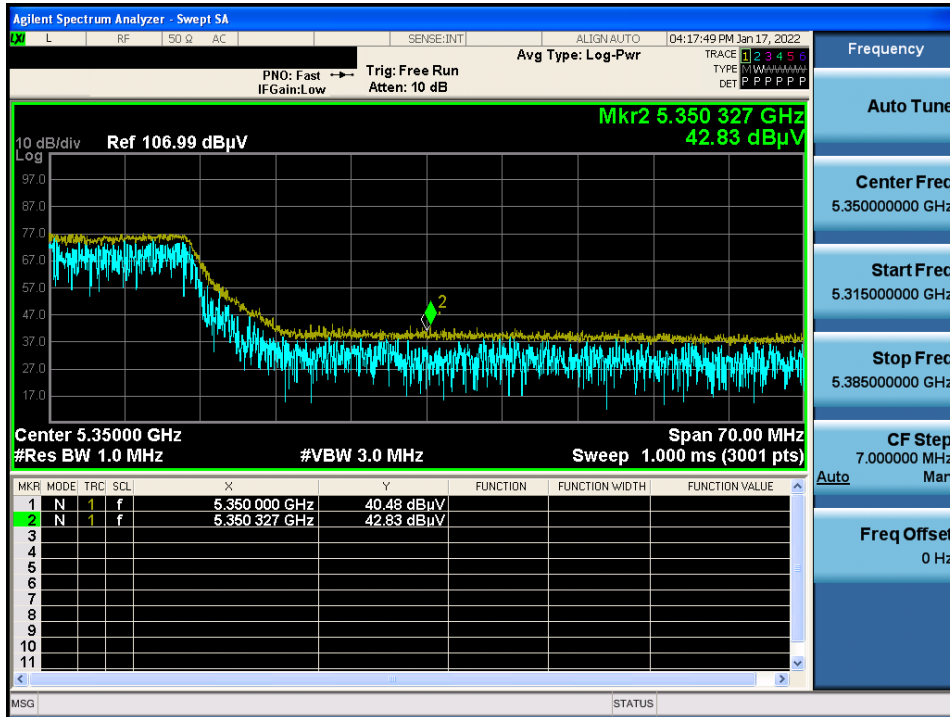
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Detector Mode : PK



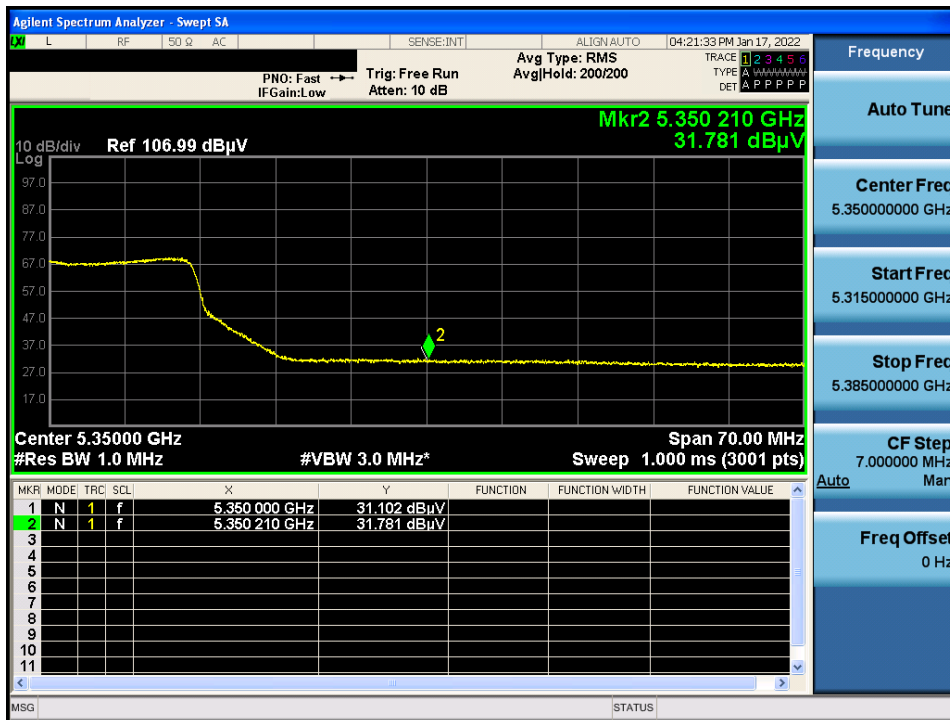
TM 4 & U-NII 2A & 5 290 & X axis & Ver

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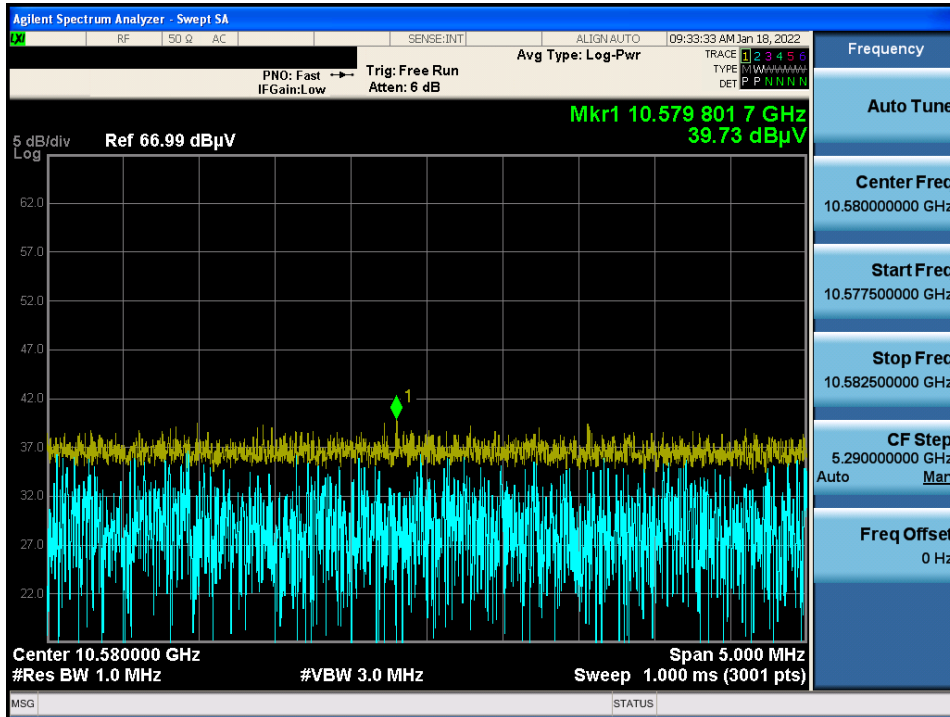
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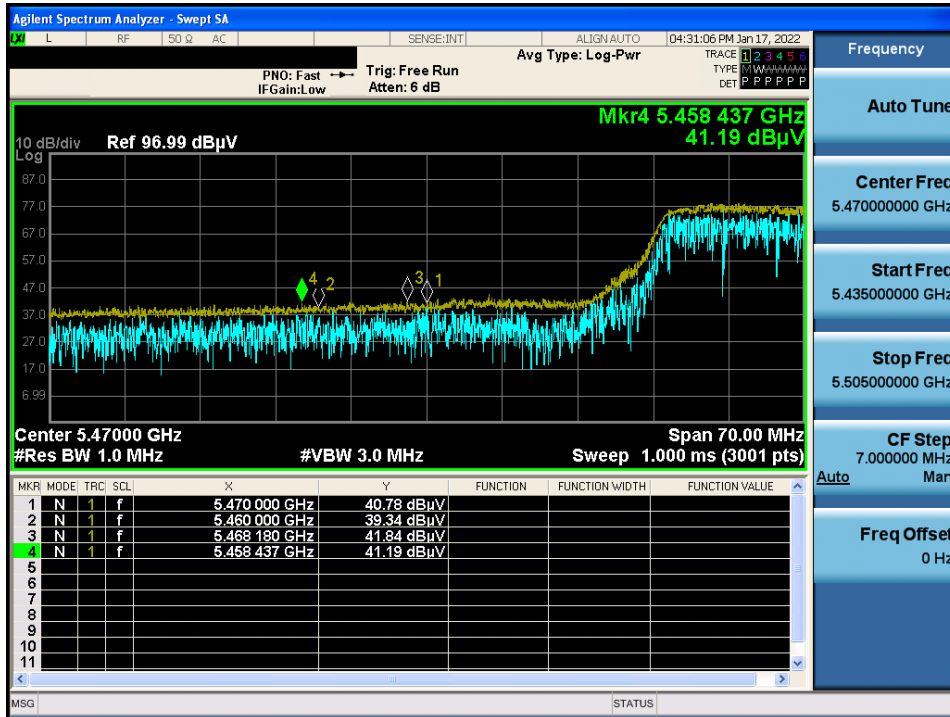
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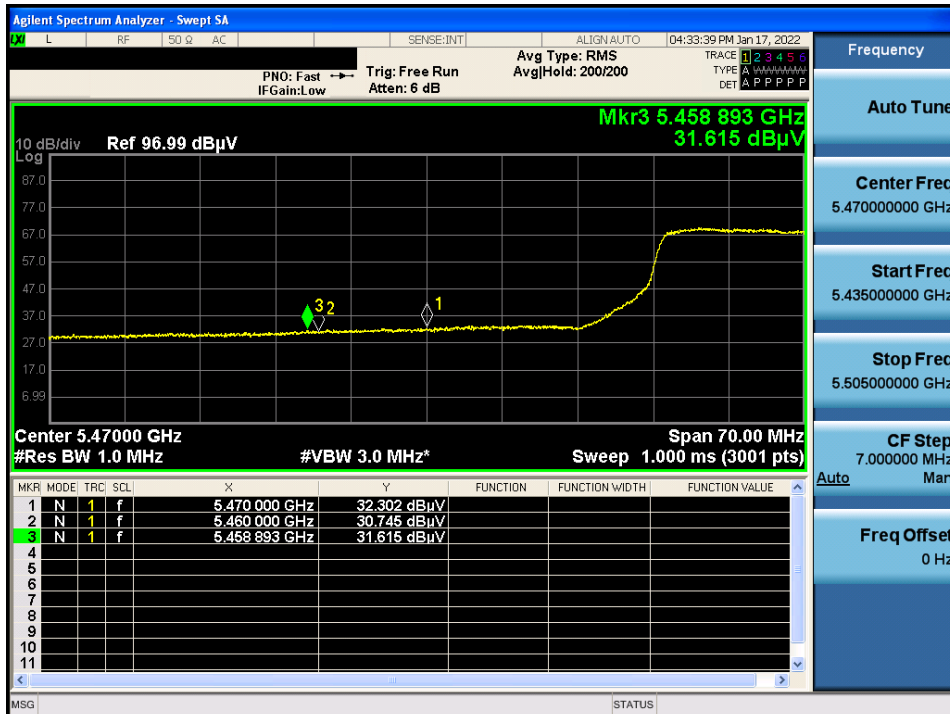
TM 4 & U-NII 2C & 5 530 & Y axis & Hor

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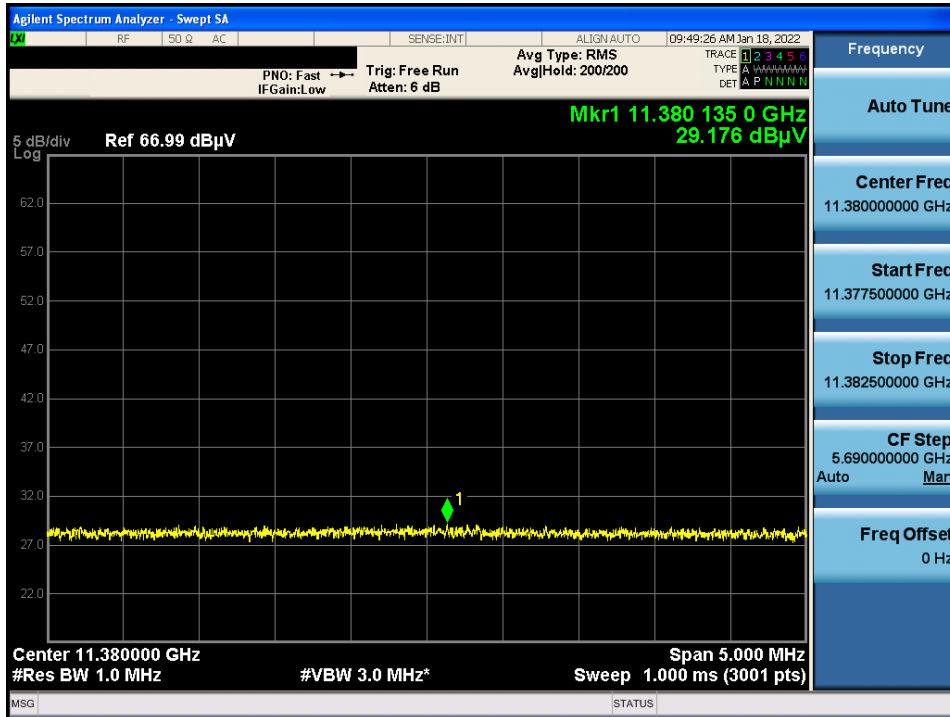
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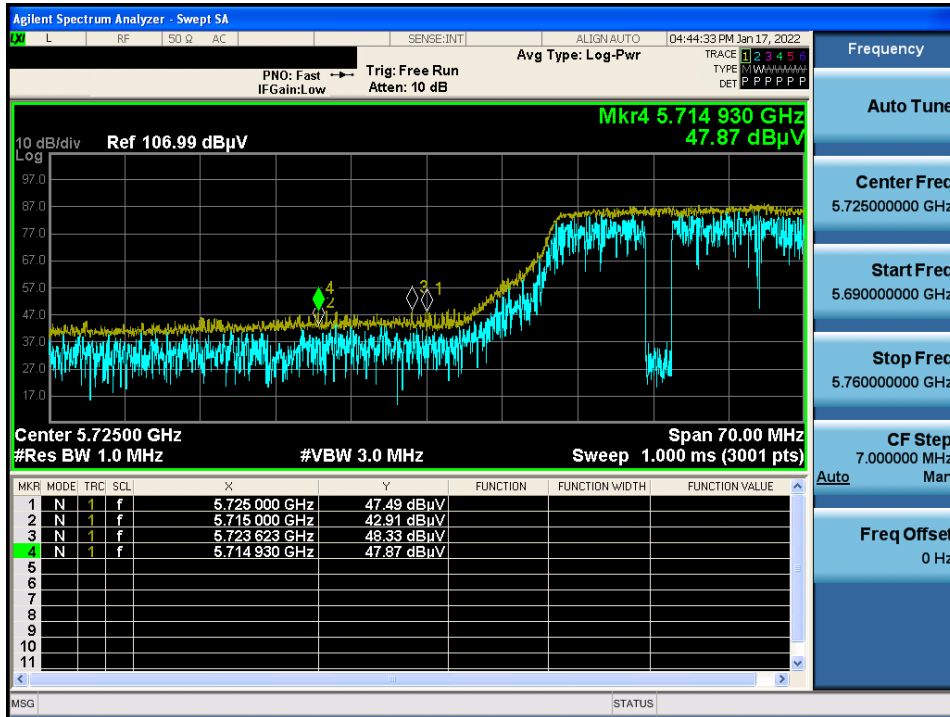
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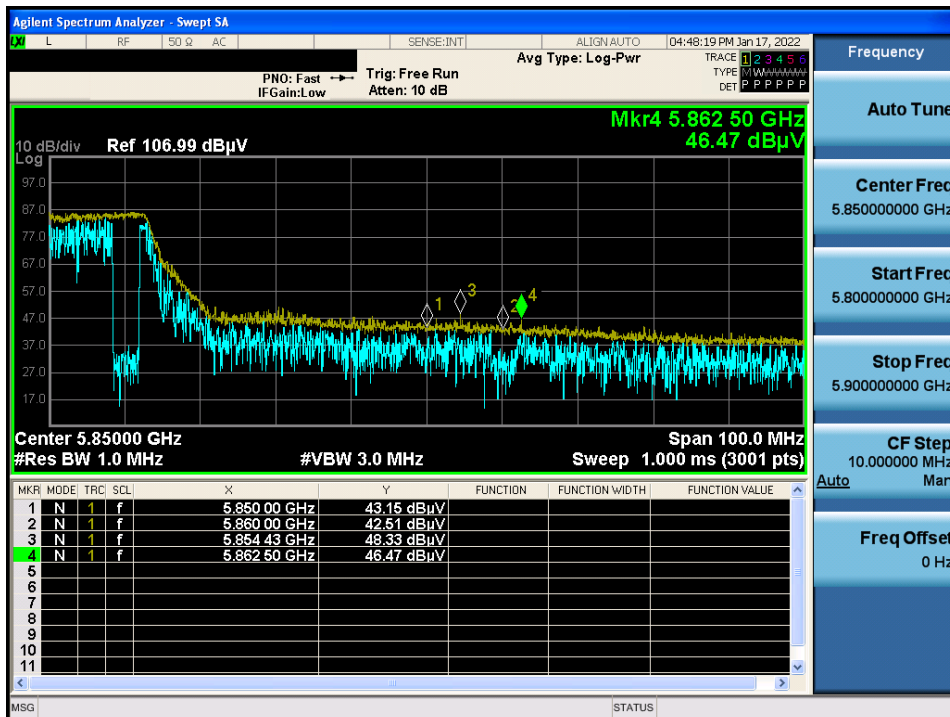
TM 4 & U-NII 3 & 5 775 & Y axis & Hor

Detector Mode : PK



TM 4 & U-NII 3 & 5 775 & Y axis & Hor

Detector Mode : PK



TM 4 & U-NII 3 & 5 775 & X axis & Hor

Detector Mode : AV

