APPENDIX II

Duty Cycle Information

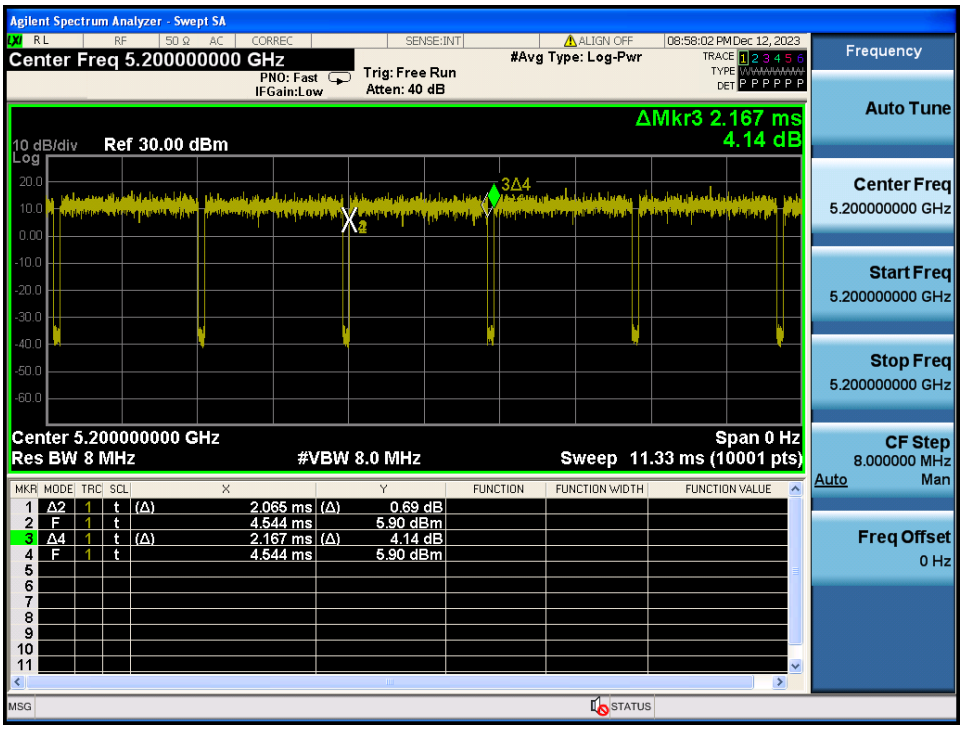
▣ Test Procedure

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

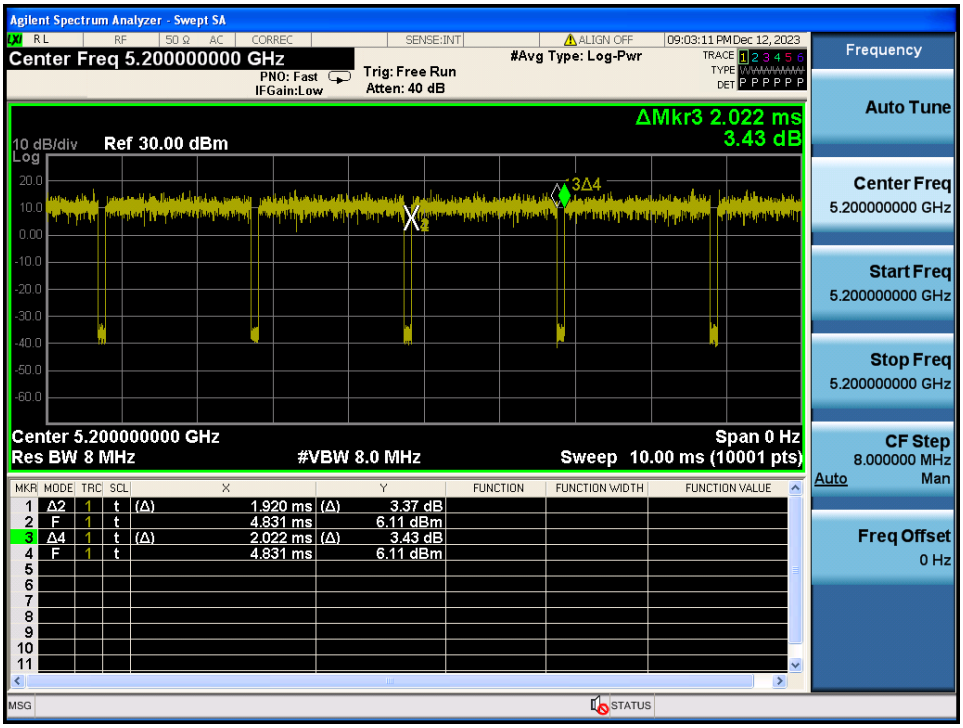
1. Set the center frequency of the spectrum analyzer to the center frequency of the transmission.
2. Set RBW ≥ EBW if possible; otherwise, set RBW to the largest available value.
3. Set VBW ≥ RBW. Set detector = peak.
4. Note : The zero-span measurement method shall not be used unless both **RBW and 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* ≤ 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)

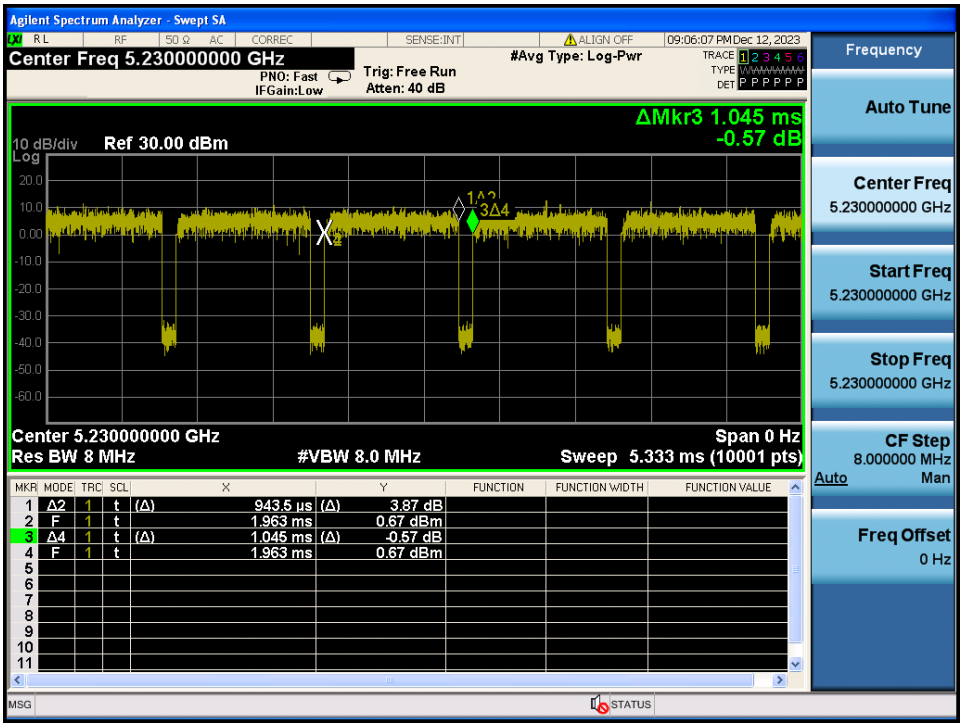
Duty Cycle Test Mode: TM1 & Ch.40



Duty Cycle Test Mode: TM 2 & Ch.40



Duty Cycle Test Mode: TM 3 & Ch.46



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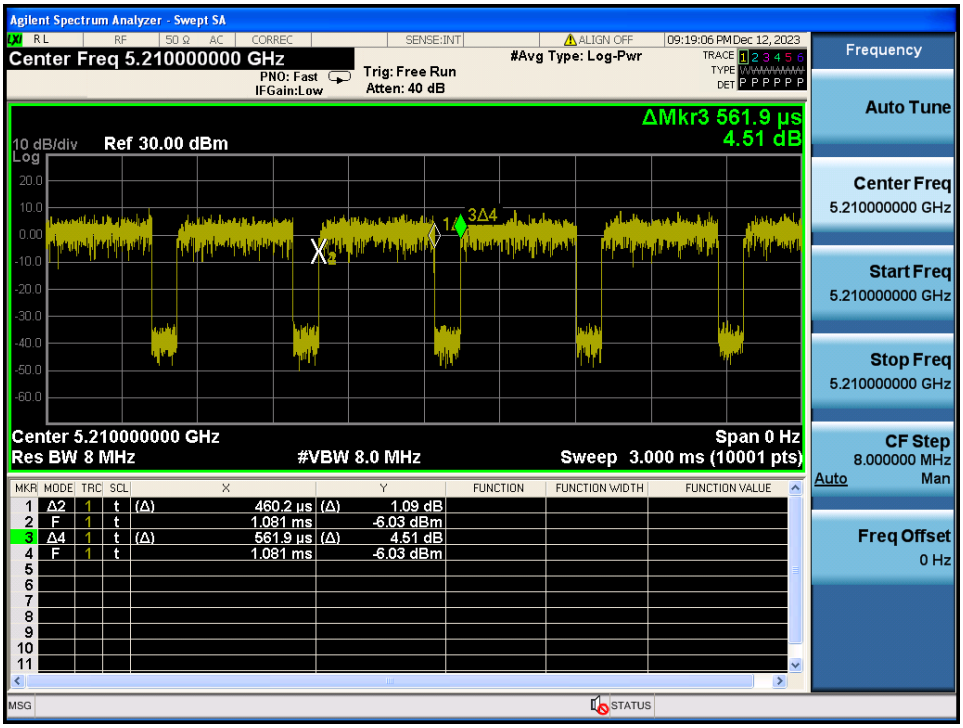
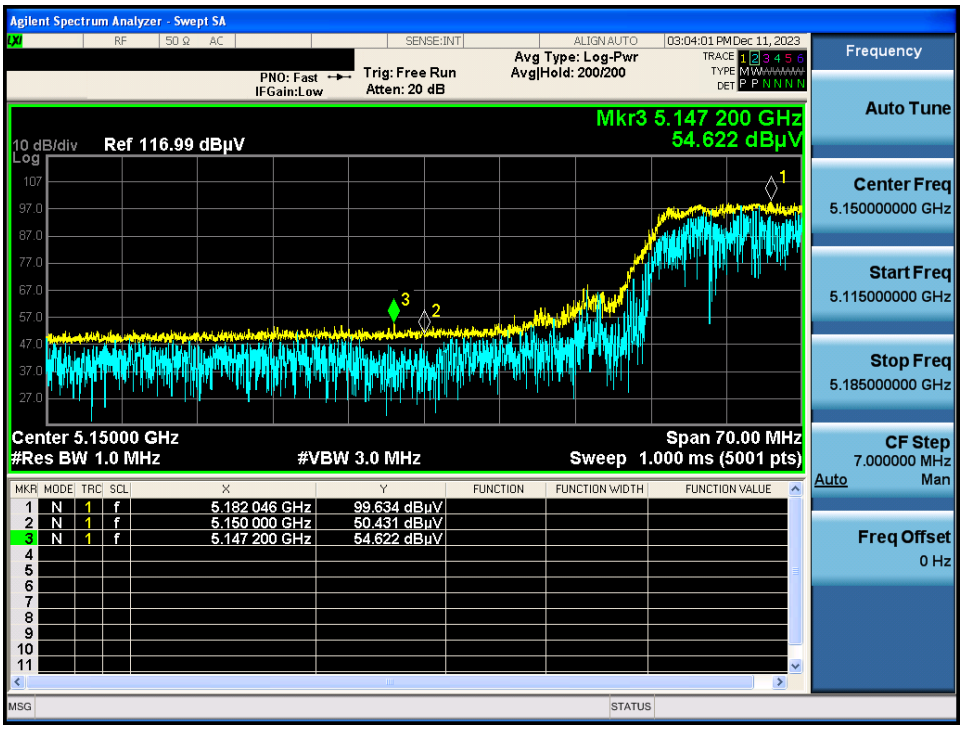
Duty Cycle Test Mode: TM 4 & Ch.42



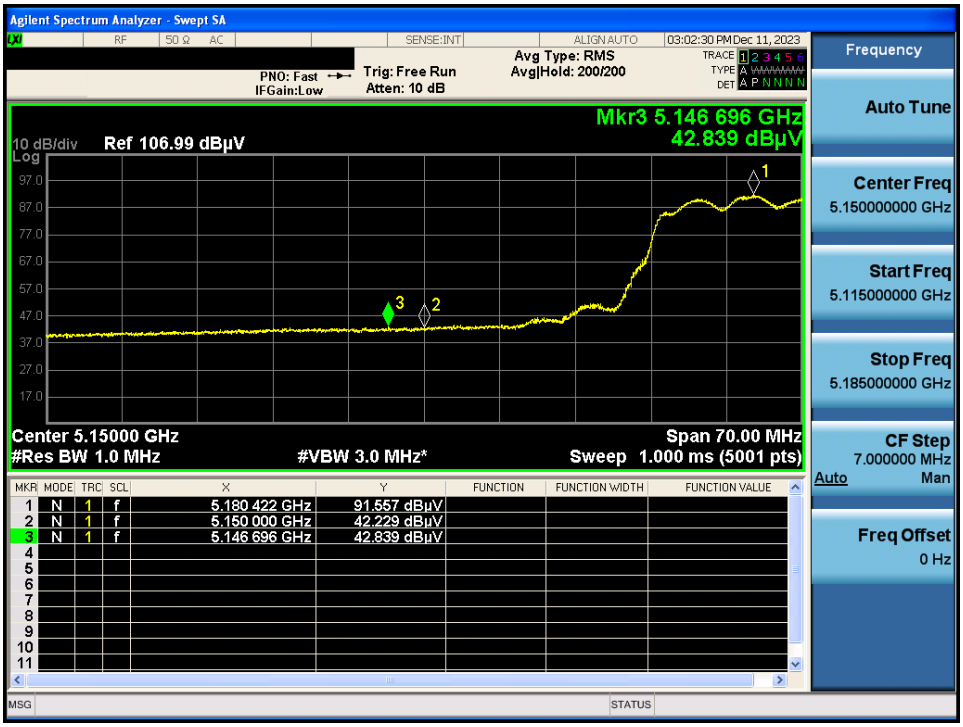
APPENDIX III

Unwanted Emissions (Radiated) Test Plot:

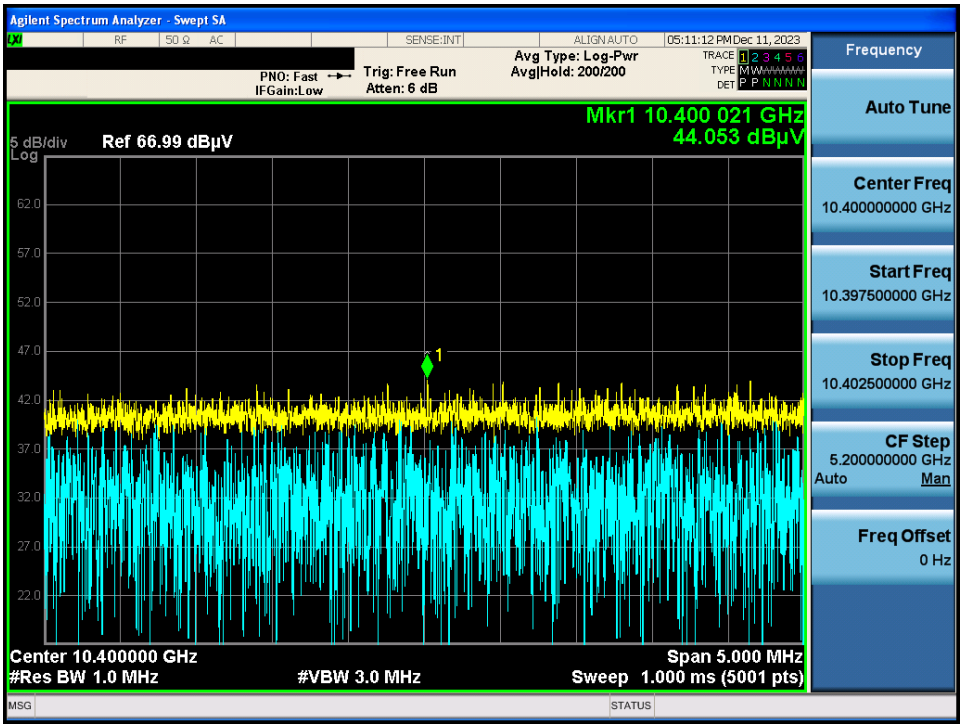
TM 1 & U-NII 1 & 5 180 & X axis & Ver **Detector Mode : PK**



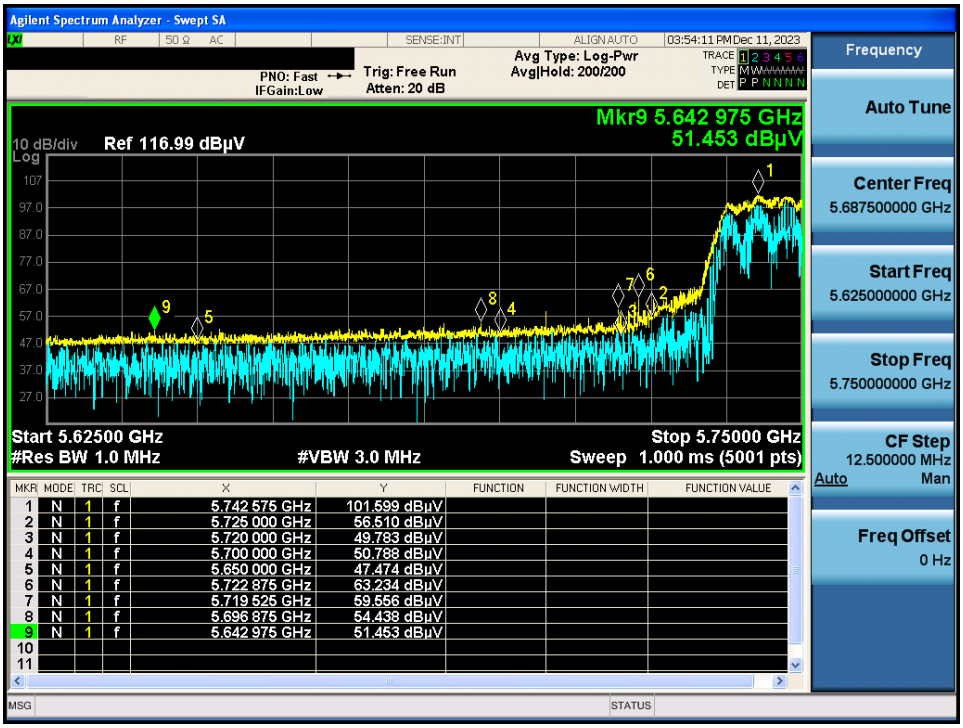
TM 1 & U-NII 1 & 5 180 & X axis & Ver **Detector Mode : AV**



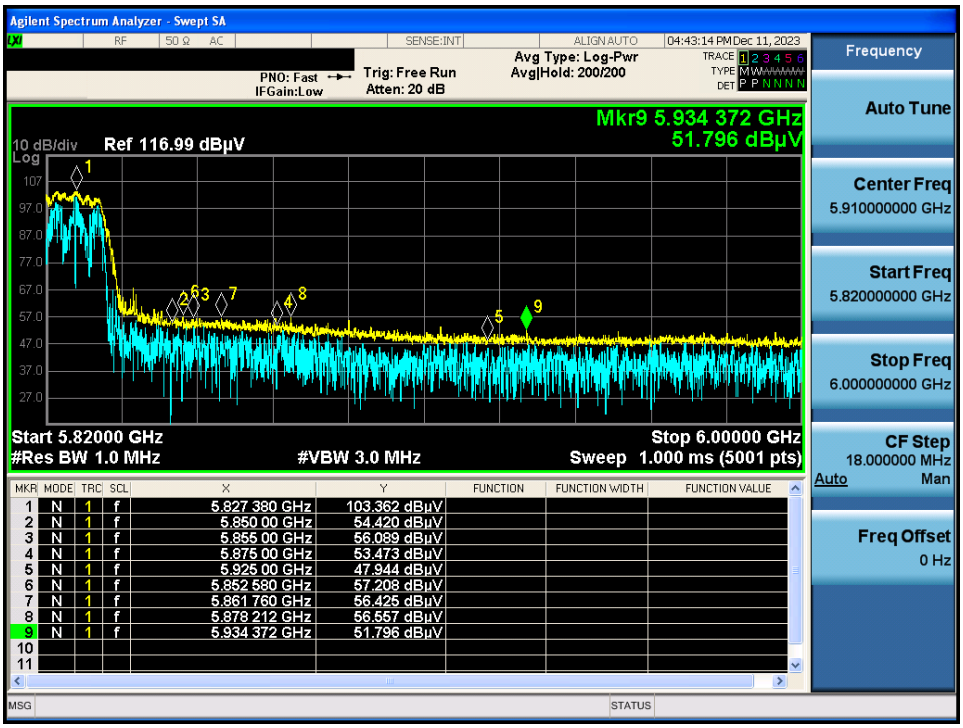
TM 1 & U-NII 1 & 5 200 & X axis & Ver **Detector Mode : PK**



TM 1 & U-NII 3 & 5 745 & X axis & Ver **Detector Mode : PK**



TM 1 & U-NII 3 & 5 825 & X axis & Ver **Detector Mode : PK**



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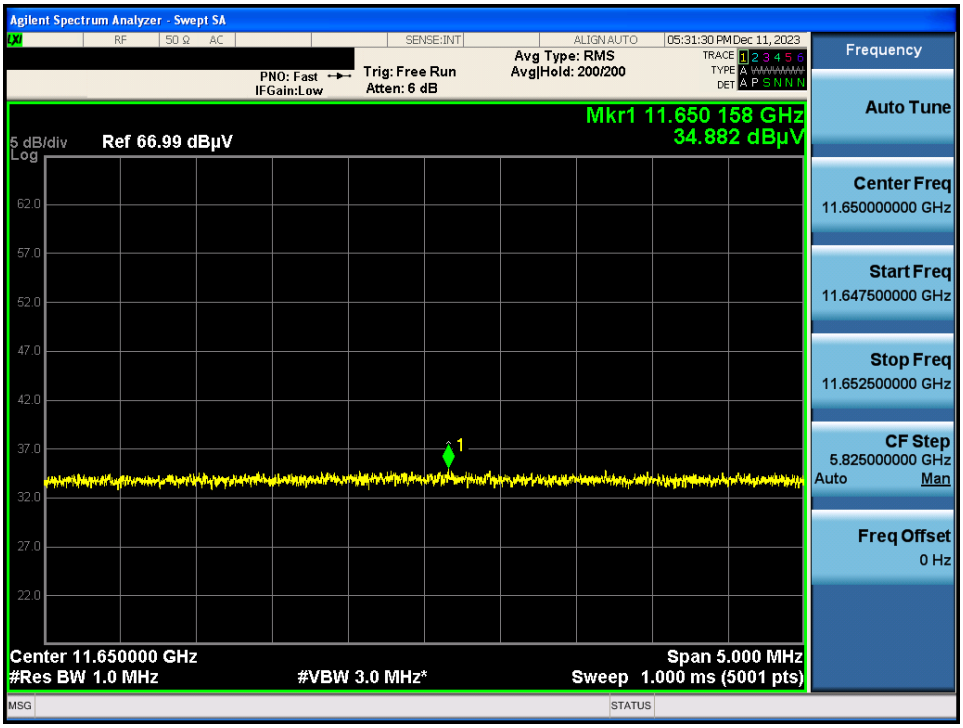
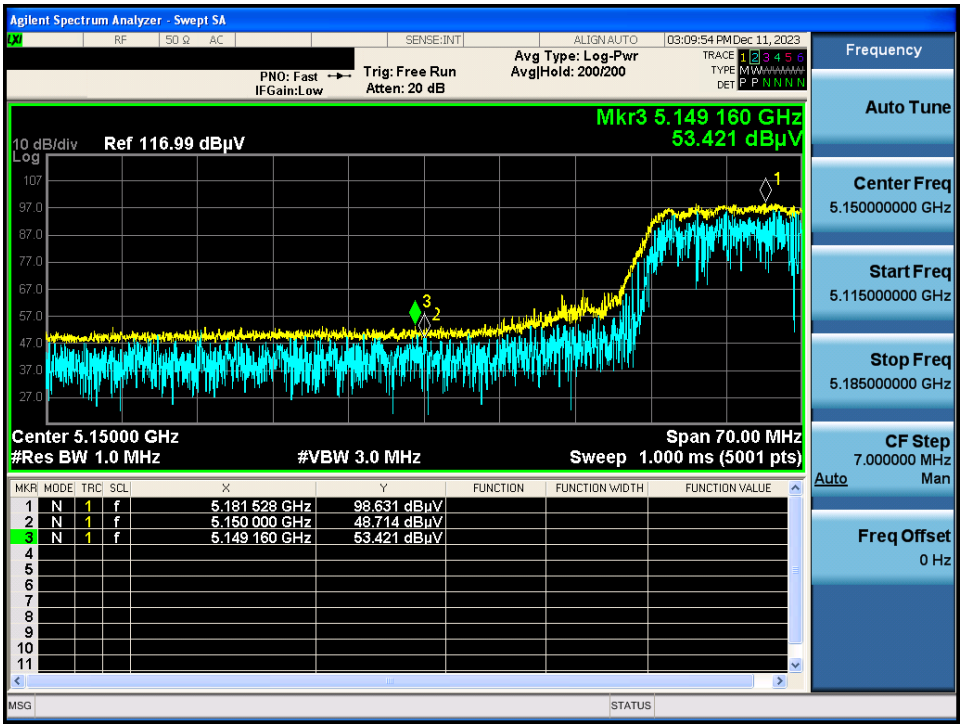
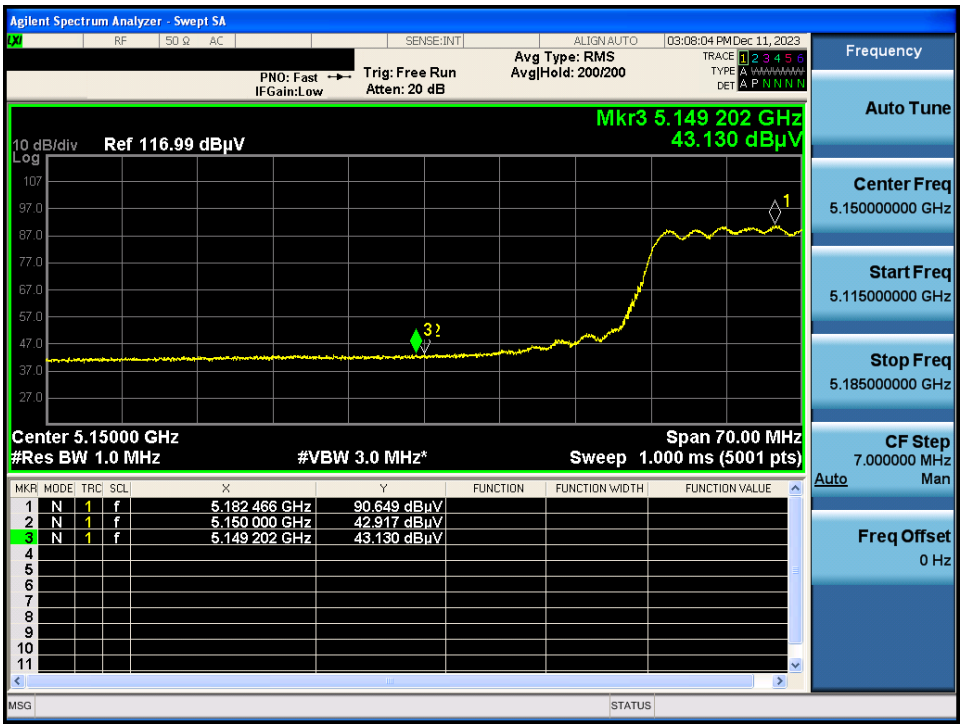
TM 1 & U-NII 3 & 5 825 & X axis & Ver **Detector Mode : AV**



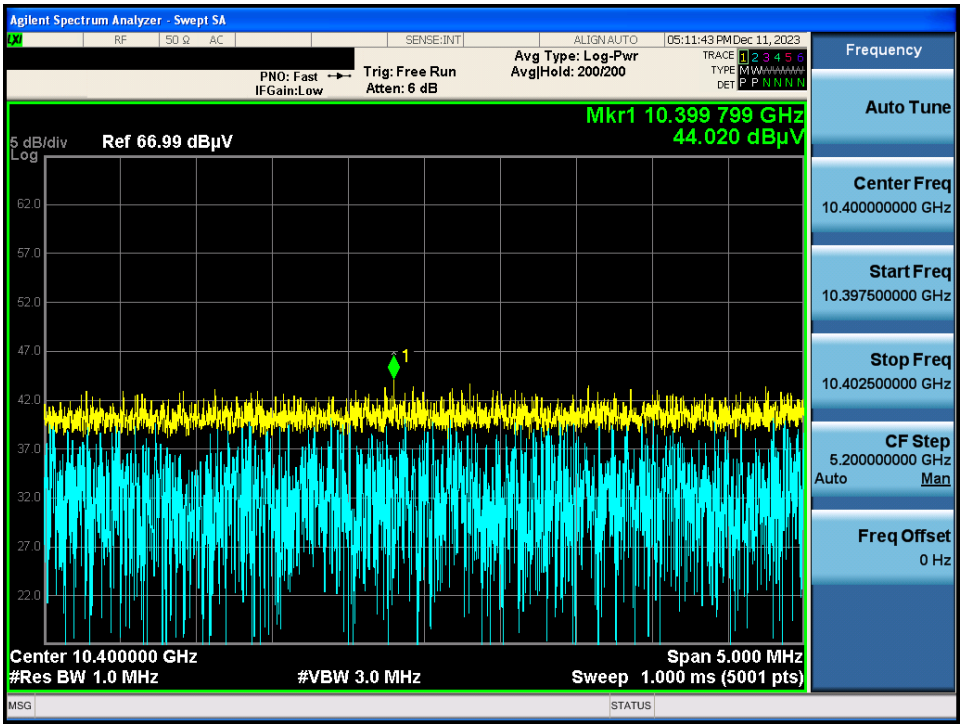
TM 2 & U-NII 1 & 5 180 & X axis & Ver **Detector Mode : PK**



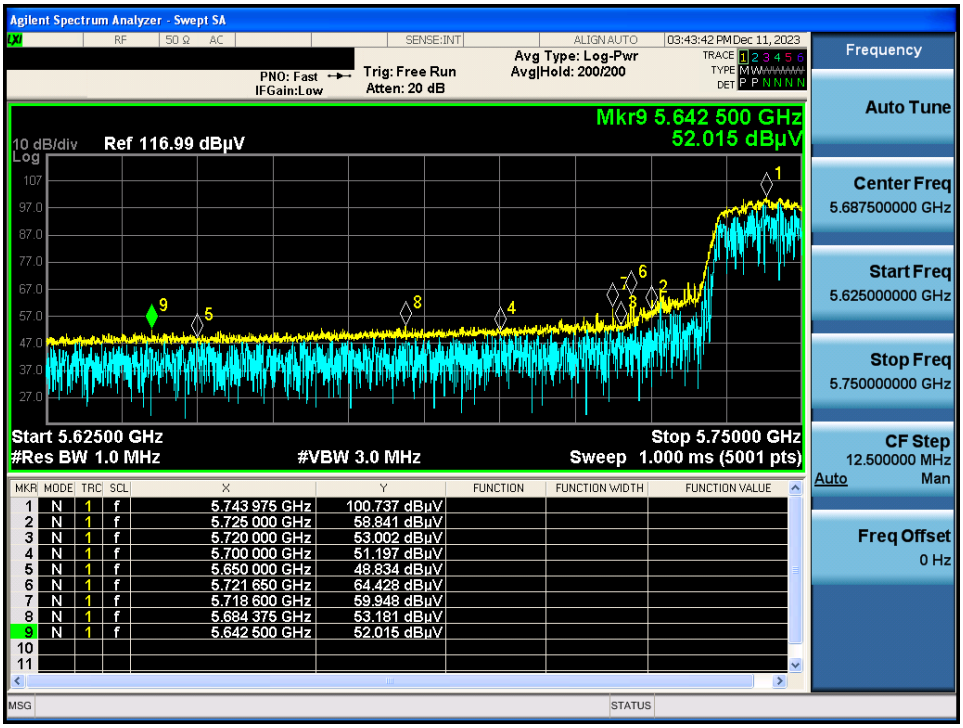
TM 2 & U-NII 1 & 5 180 & X axis & Ver **Detector Mode : AV**



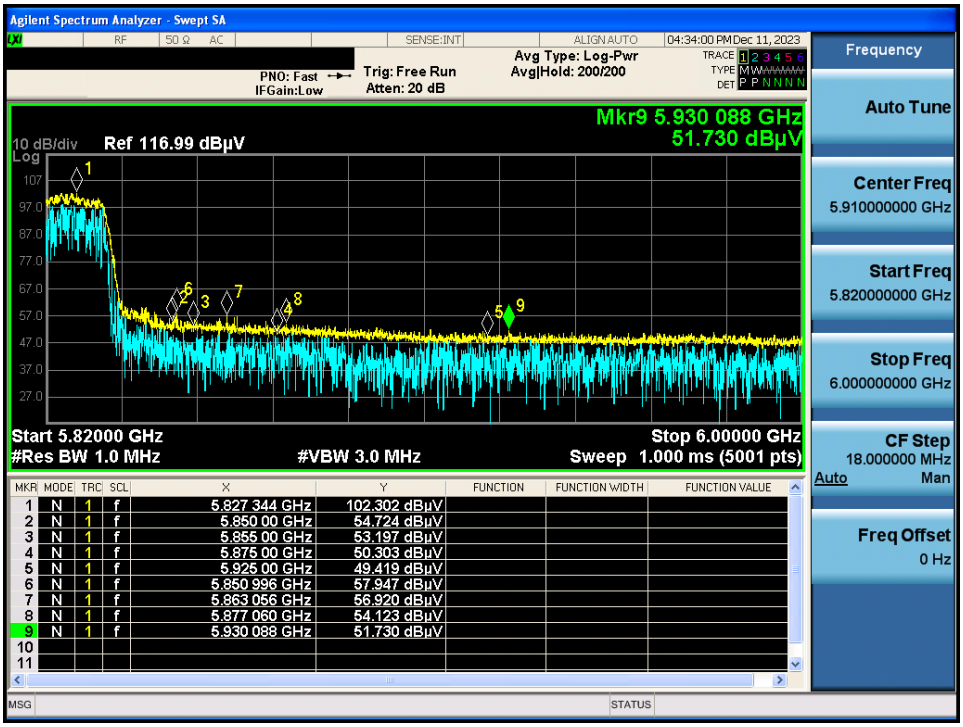
TM 2 & U-NII 1 & 5 200 & X axis & Ver **Detector Mode : AV**



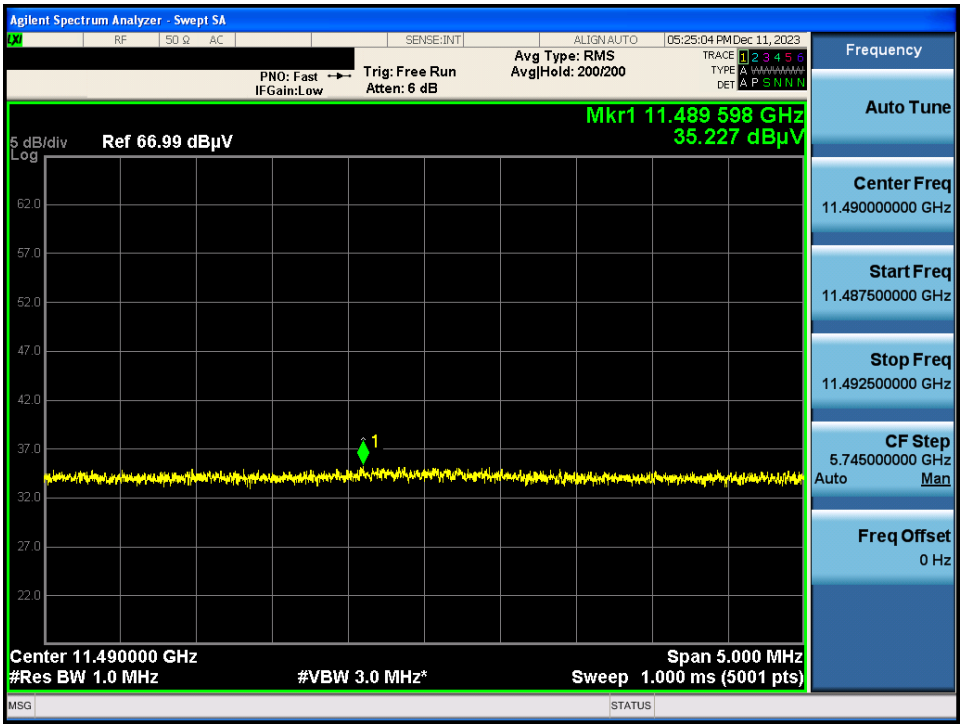
TM 2 & U-NII 3 & 5 745 & X axis & Ver **Detector Mode : PK**



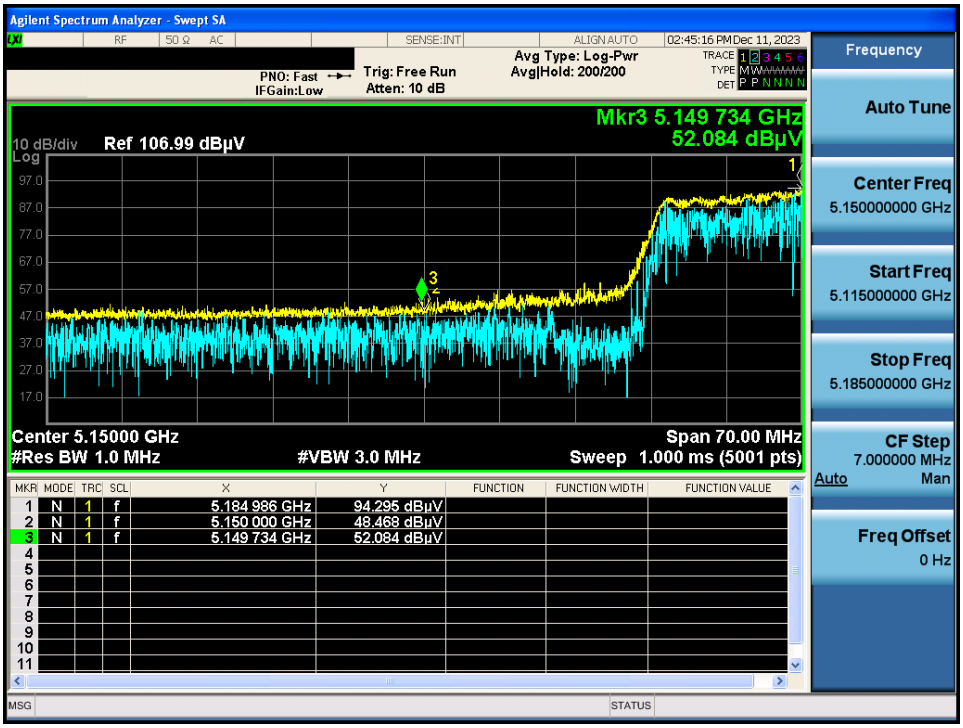
TM 2 & U-NII 3 & 5 825 & X axis & Ver **Detector Mode : PK**



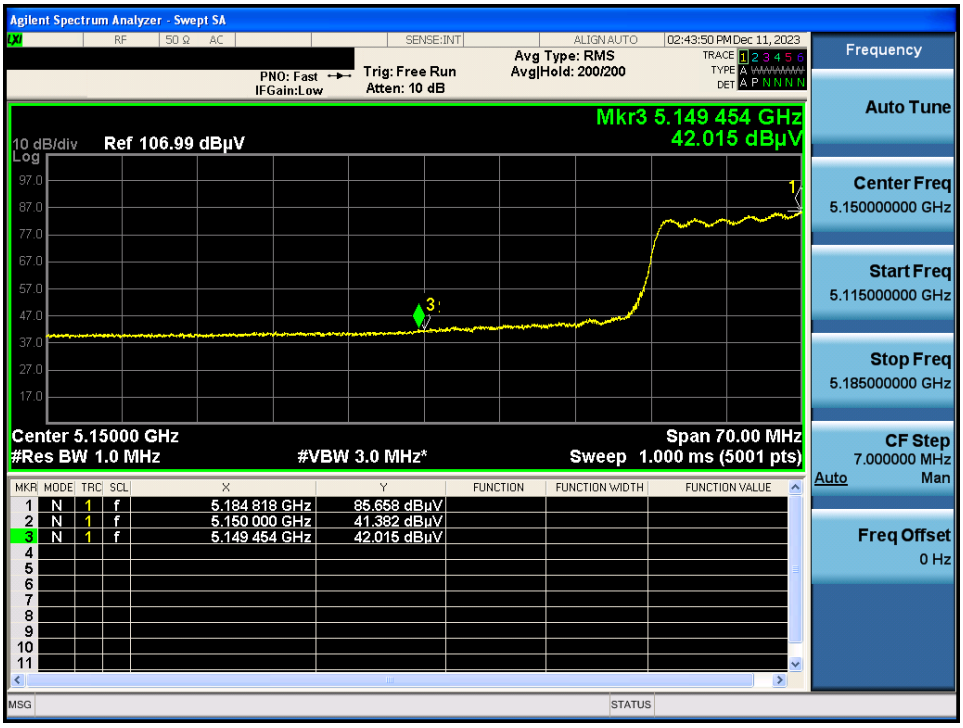
TM 2 & U-NII 3 & 5 745 & X axis & Ver **Detector Mode : AV**



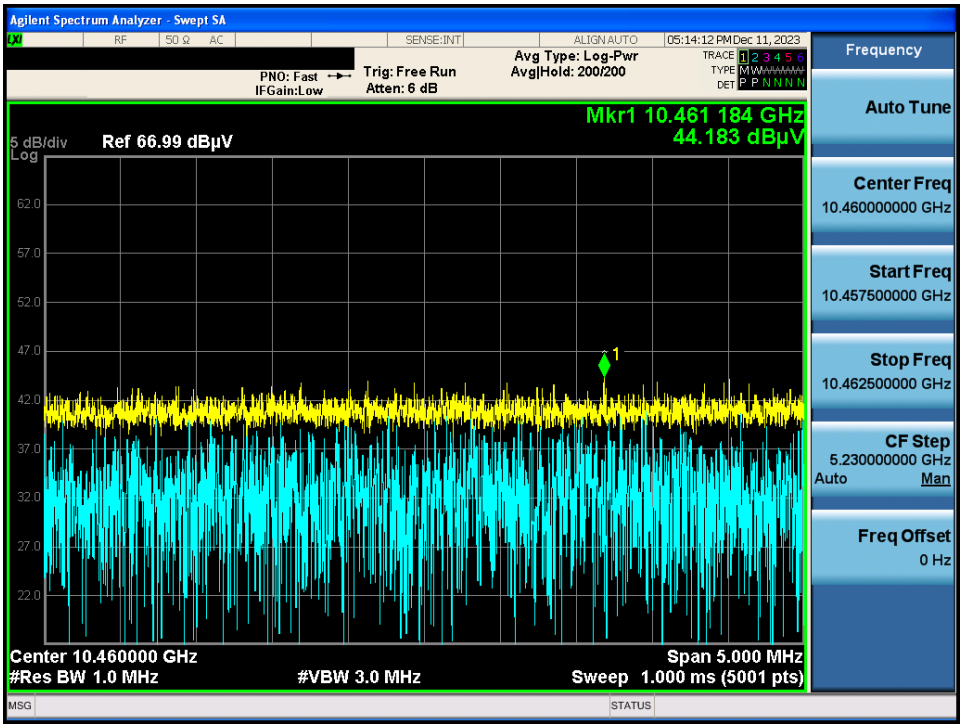
TM 3 & U-NII 1 & 5 190 & X axis & Ver **Detector Mode : PK**



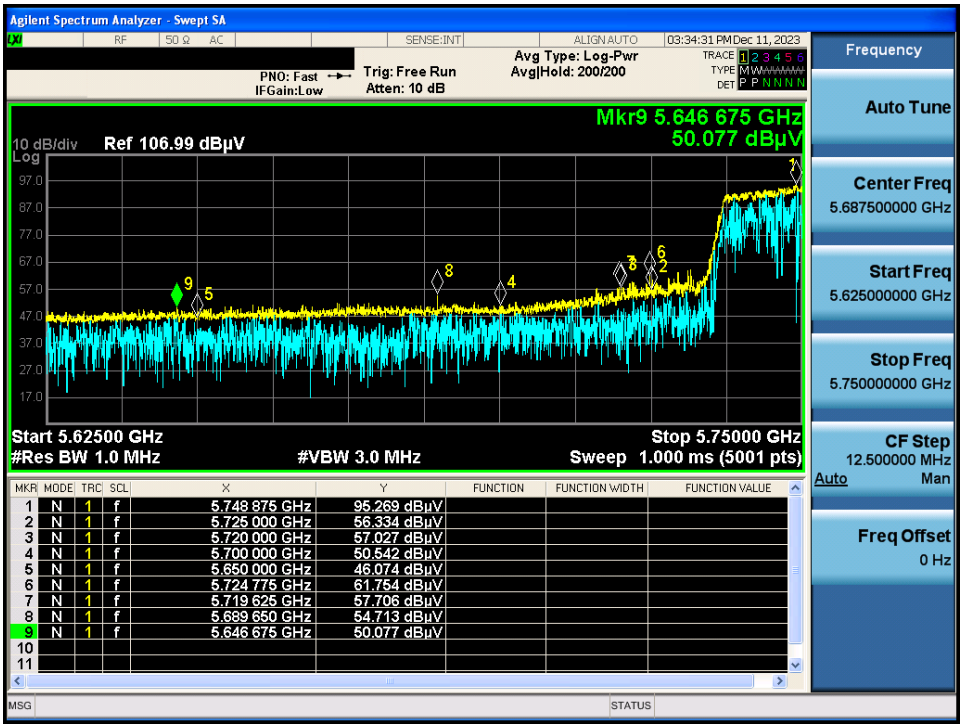
TM 3 & U-NII 1 & 5 190 & X axis & Ver **Detector Mode : AV**



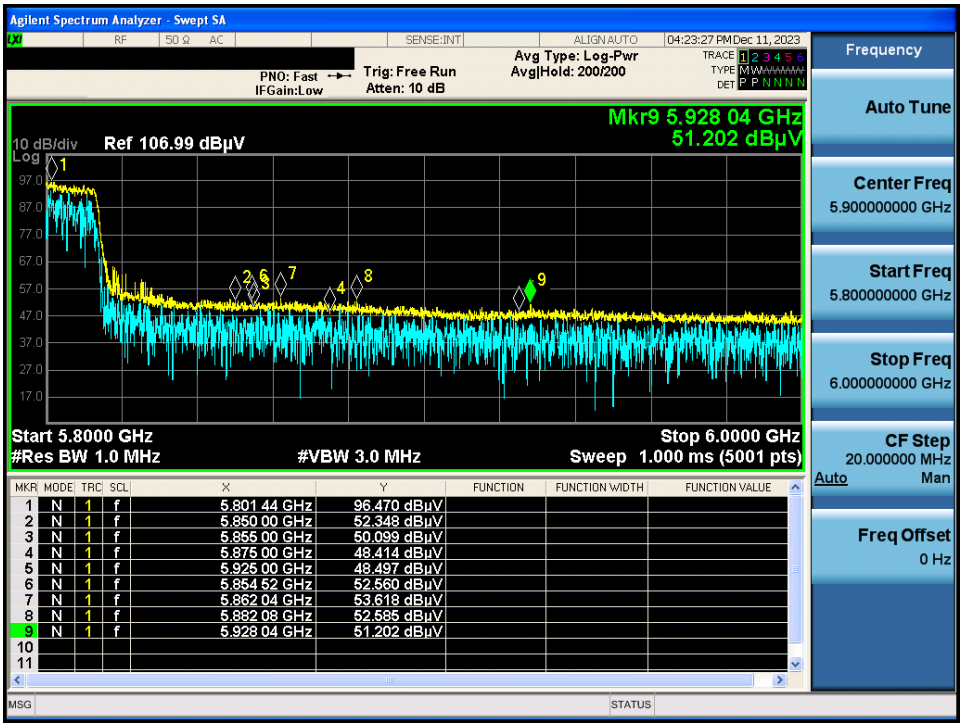
TM 3 & U-NII 1 & 5 230 & X axis & Ver **Detector Mode : AV**



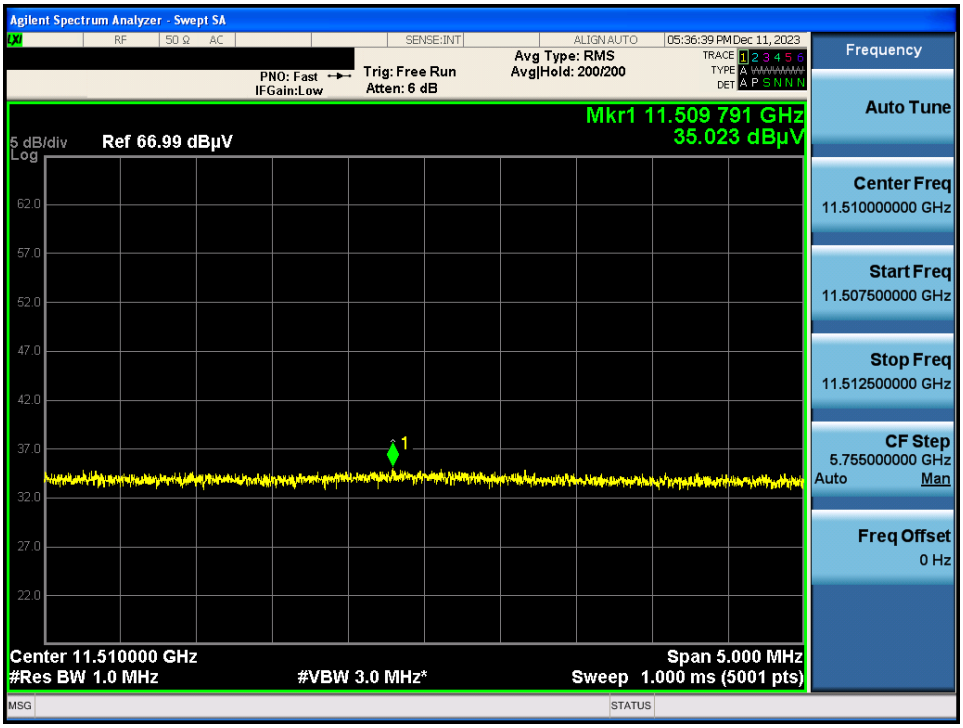
TM 3 & U-NII 3 & 5 755 & X axis & Ver **Detector Mode : PK**



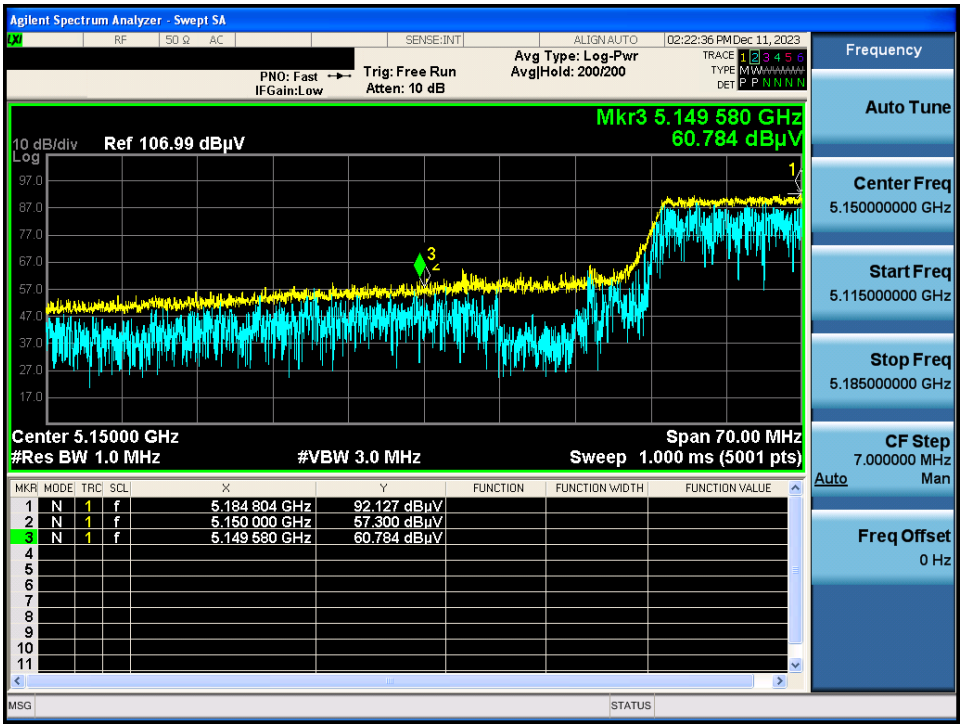
TM 3 & U-NII 3 & 5 795 & X axis & Ver **Detector Mode : PK**



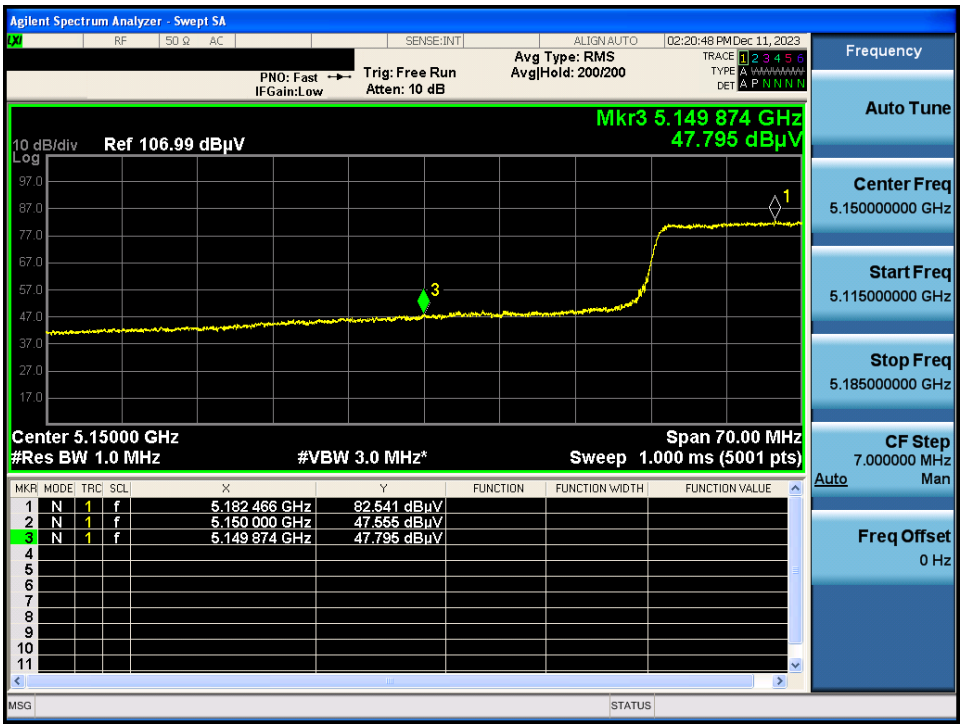
TM 3 & U-NII 3 & 5 755 & X axis & Ver **Detector Mode : AV**



TM 4 & U-NII 1 & 5 210 & X axis & Ver **Detector Mode : PK**



TM 4 & U-NII 1 & 5 210 & X axis & Ver **Detector Mode : AV**



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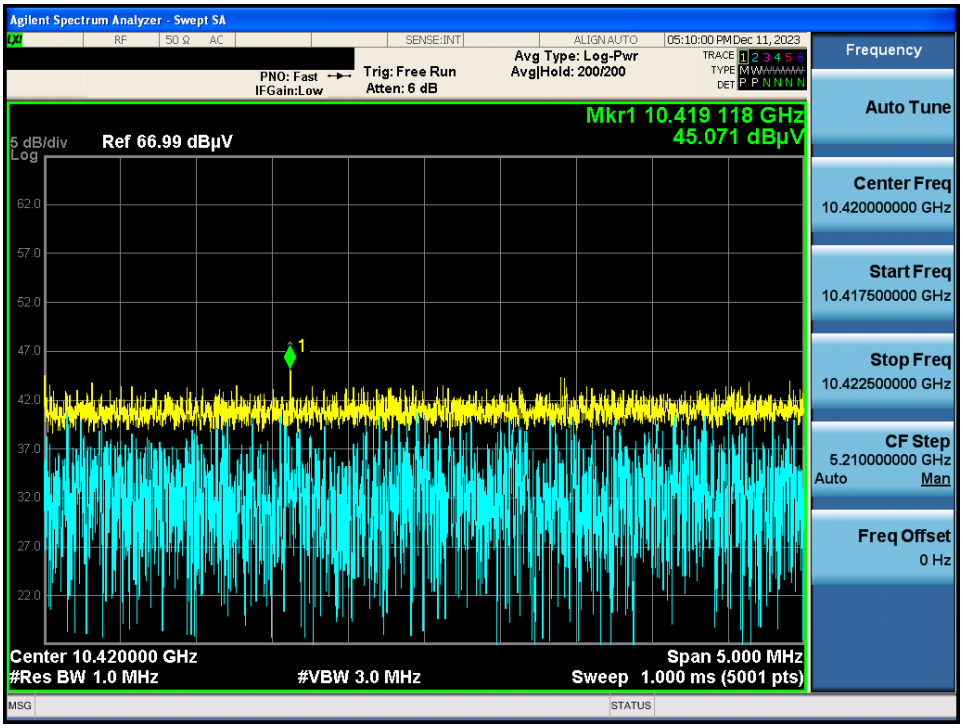
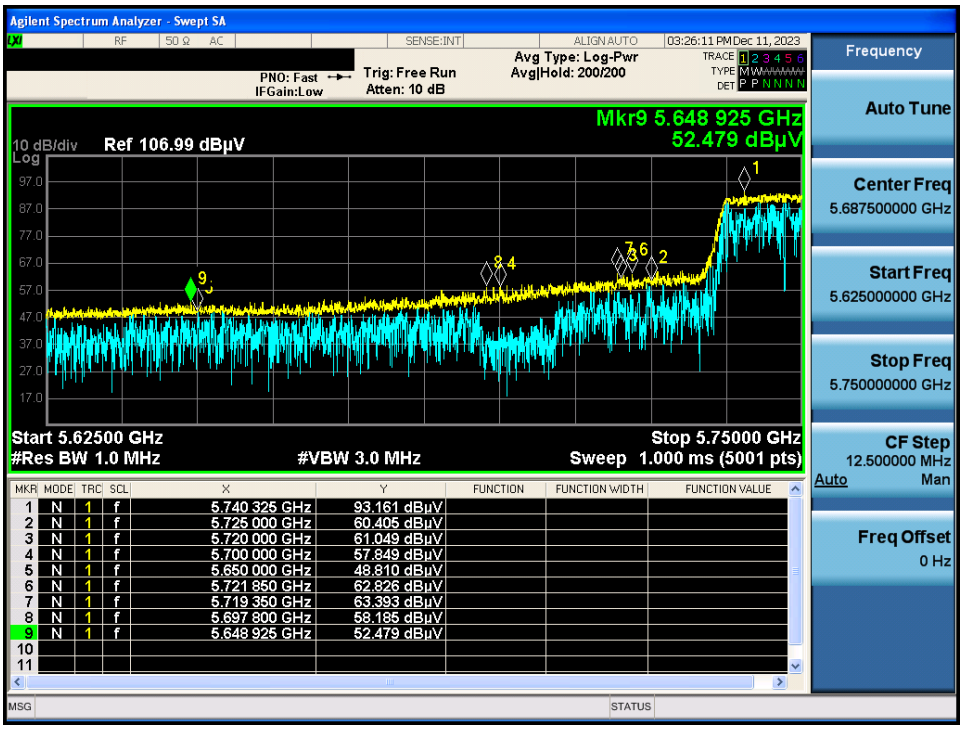
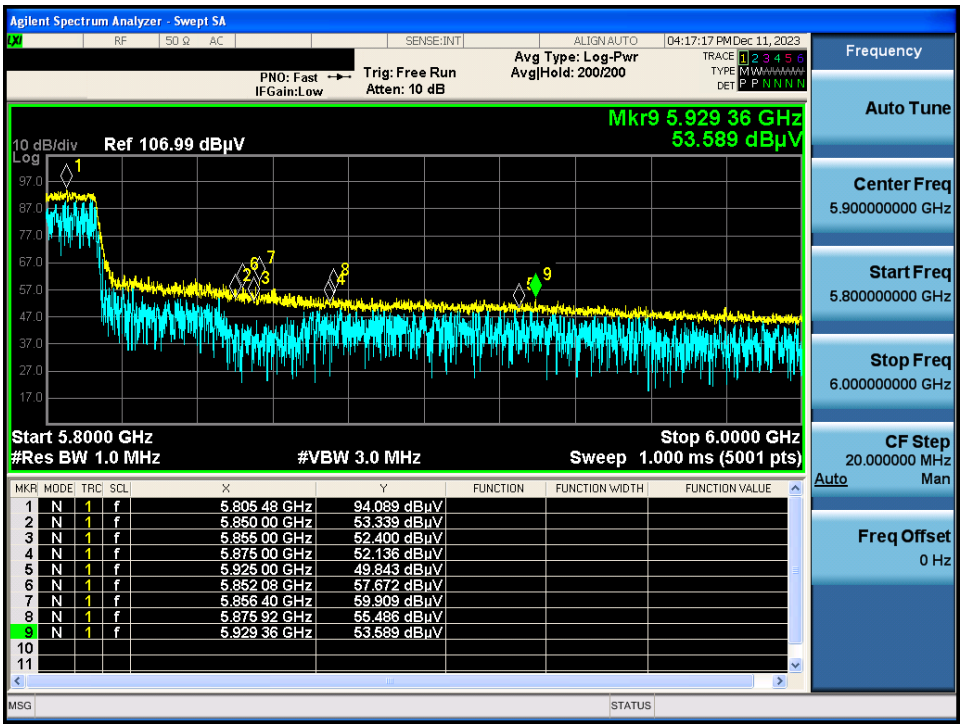
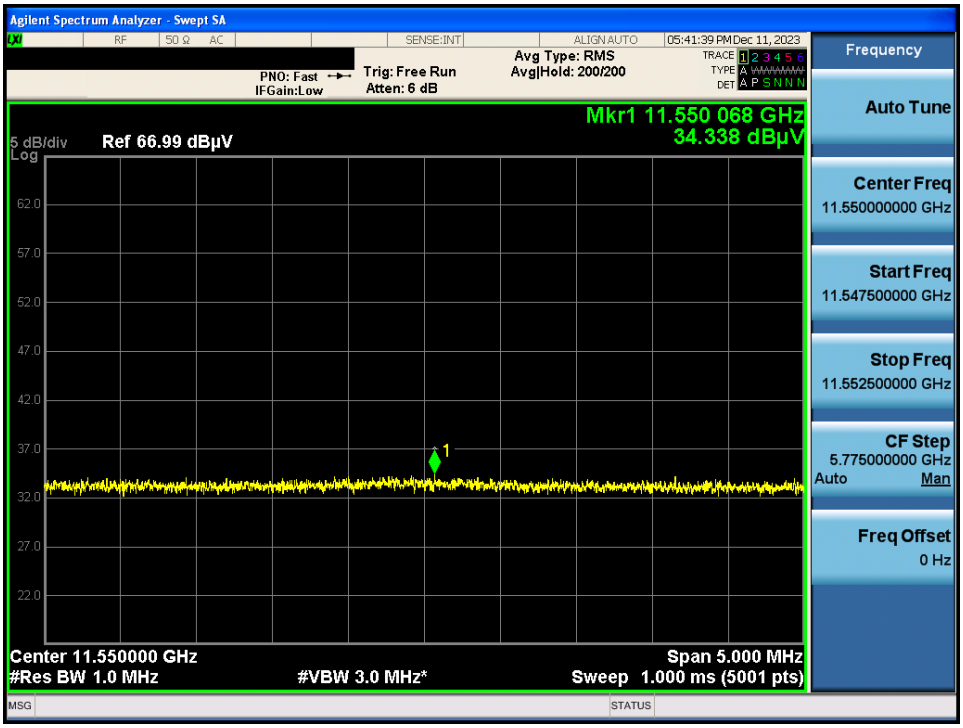


TM 4 & U-NII 3 & 5 775 & X axis & Ver **Detector Mode : PK**



TM 4 & U-NII 3 & 5 775 & X axis & Ver **Detector Mode : PK**



TM 4 & U-NII 3 & 5 775 & X axis & Ver **Detector Mode : AV**