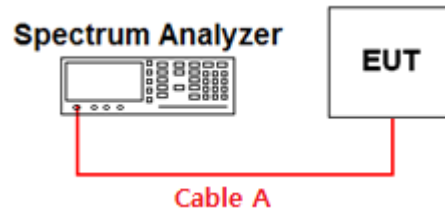


APPENDIX I

Conducted Test set up Diagram

- Conducted Measurement



APPENDIX II

Duty Cycle Information

■ Test Procedure

Duty Cycle [$X = \text{On Time} / (\text{On} + \text{Off time})$] 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.

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

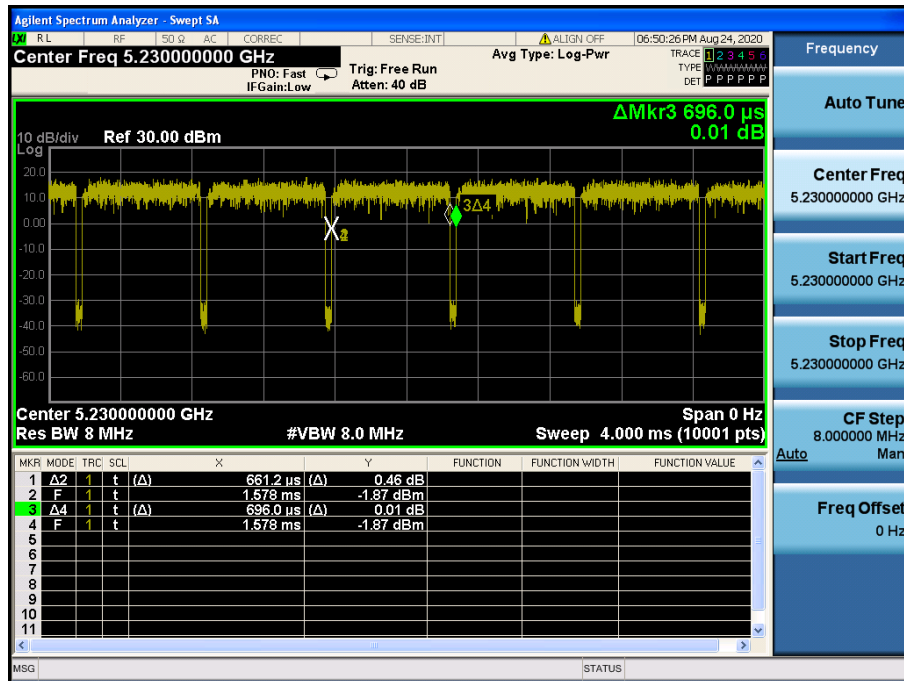
■ Test Results:

Duty cycle: CDD

Mode	Data Rate	Tested Frequency [MHz]	Maximum Achievable Duty Cycle ($x = \text{On} / (\text{On} + \text{Off})$)			Duty Cycle Correction Factor [dB]	50 / T [kHz]
			On Time [ms]	(On+Off) Time [ms]	x		
TM 1	6 Mbps	5 180	2.030	2.065	0.983 1	0.07	24.63
TM 2	MCS 0	5 180	0.978	1.013	0.965 4	0.15	51.12
TM 3	MCS 8	5 190	0.661	0.696	0.949 7	0.22	75.64
TM 4	MCS 0	5 210	0.613	0.648	0.945 4	0.24	81.62

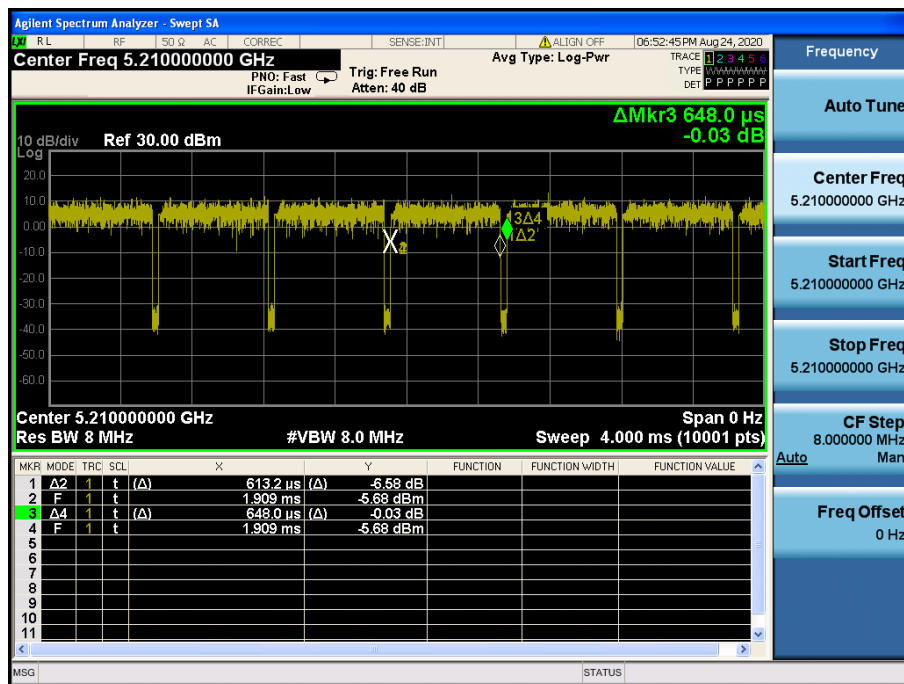
Duty Cycle

Test Mode: TM 3 & Ch.46



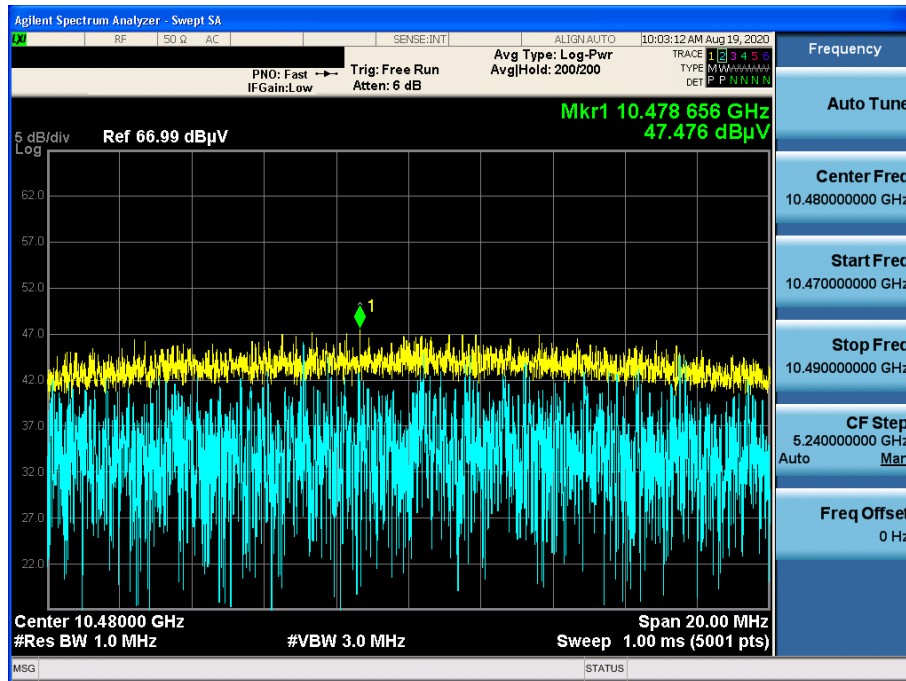
Duty Cycle

Test Mode: TM 4 & Ch.42

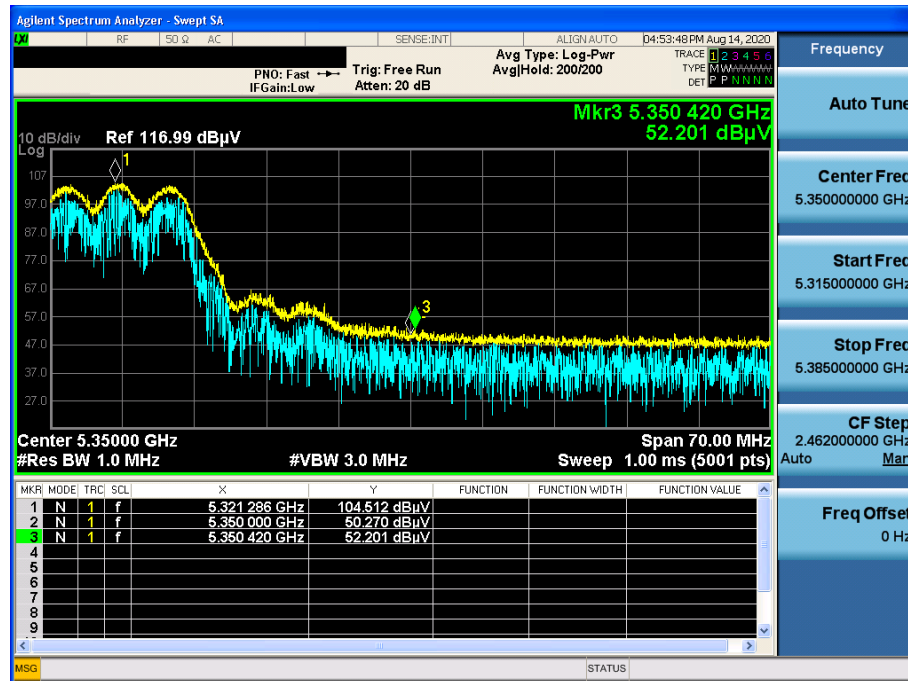


TM1 & U-NII 1 & Ch.48 & Y axis & Hor

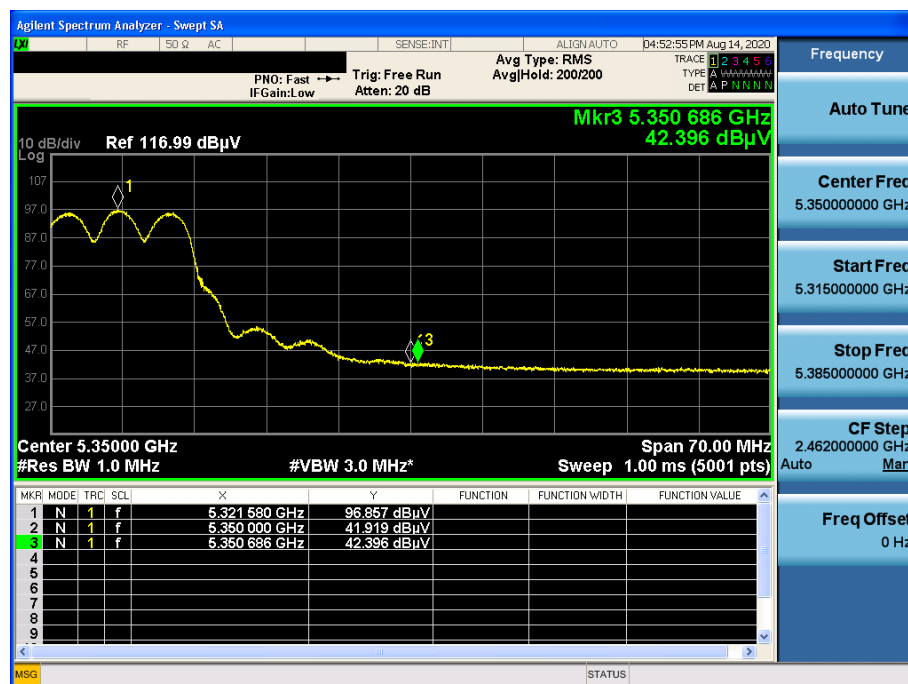
Detector Mode : PK



Detector Mode : PK

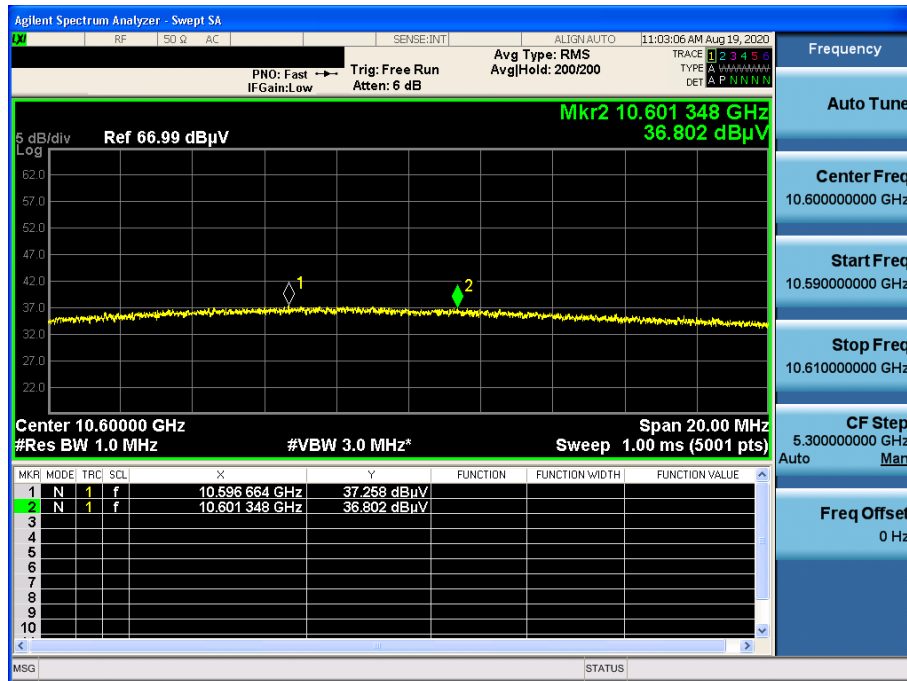


Detector Mode : AV



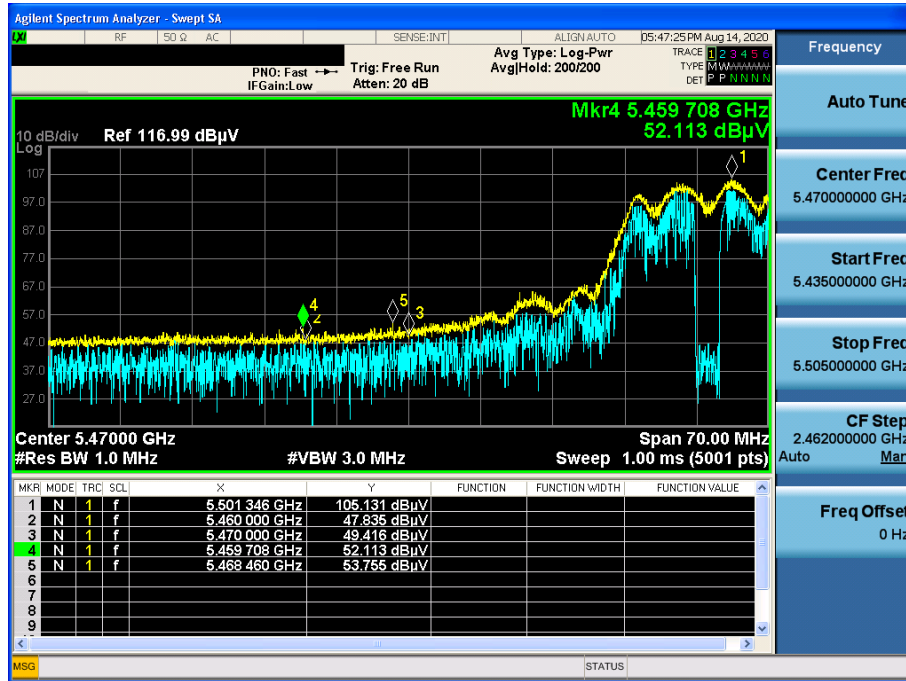
TM1 & U-NII 2A & Ch.60 & Y axis & Hor

Detector Mode : AV



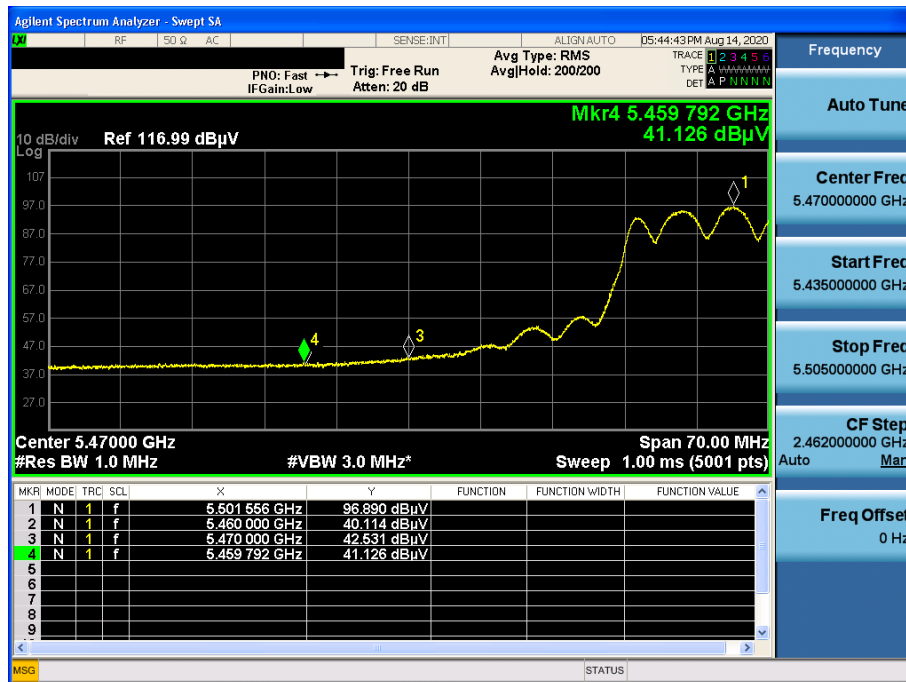
TM1 & U-NII 2C & Ch.100 & Z axis & Hor

Detector Mode : PK



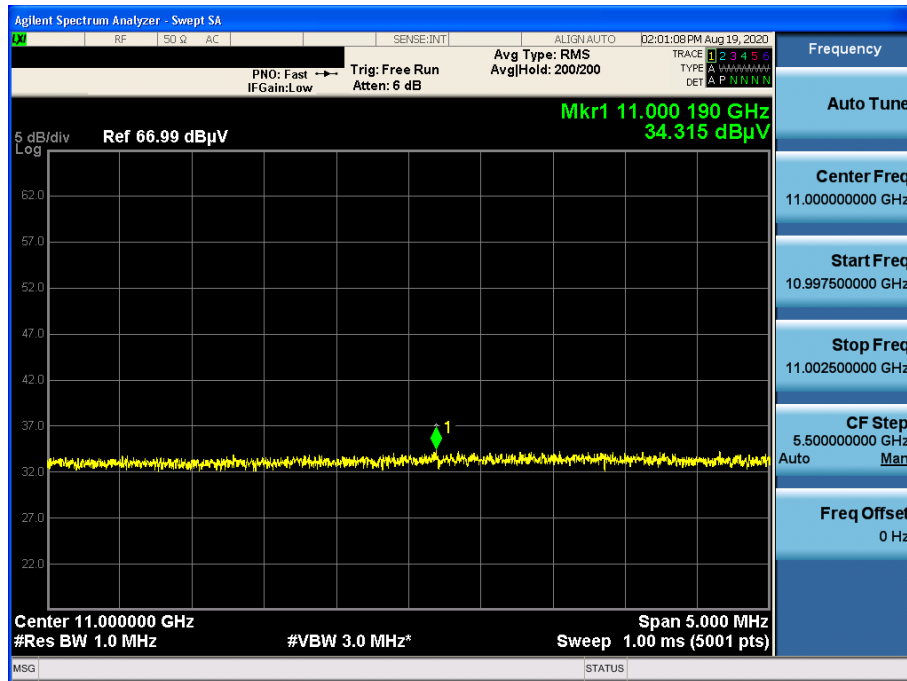
TM1 & U-NII 2C & Ch.100 & Z axis & Hor

Detector Mode : AV



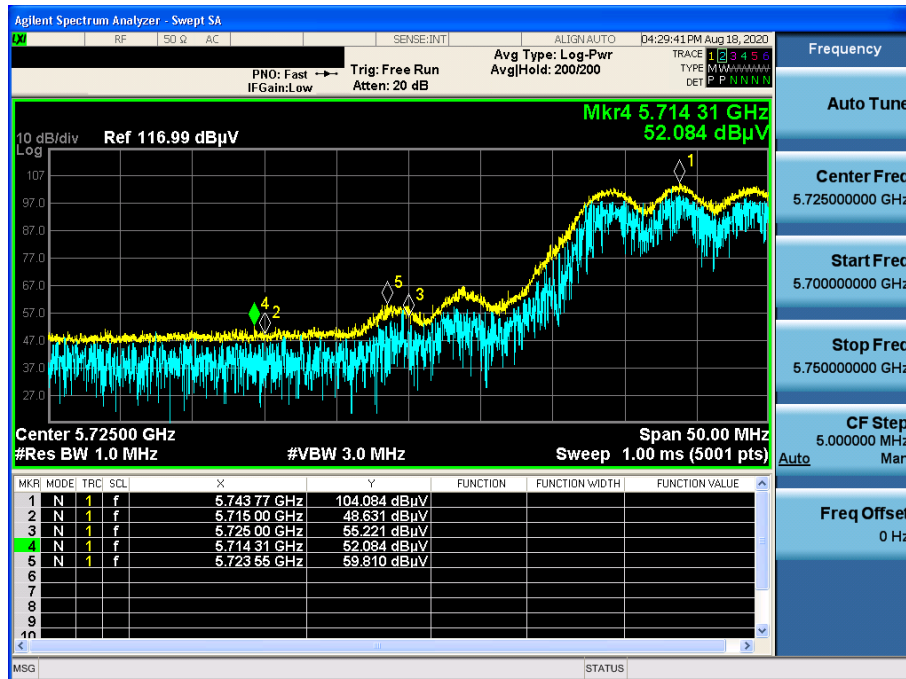
TM1 & U-NII 2C & Ch.100 & Y axis & Hor

Detector Mode : AV



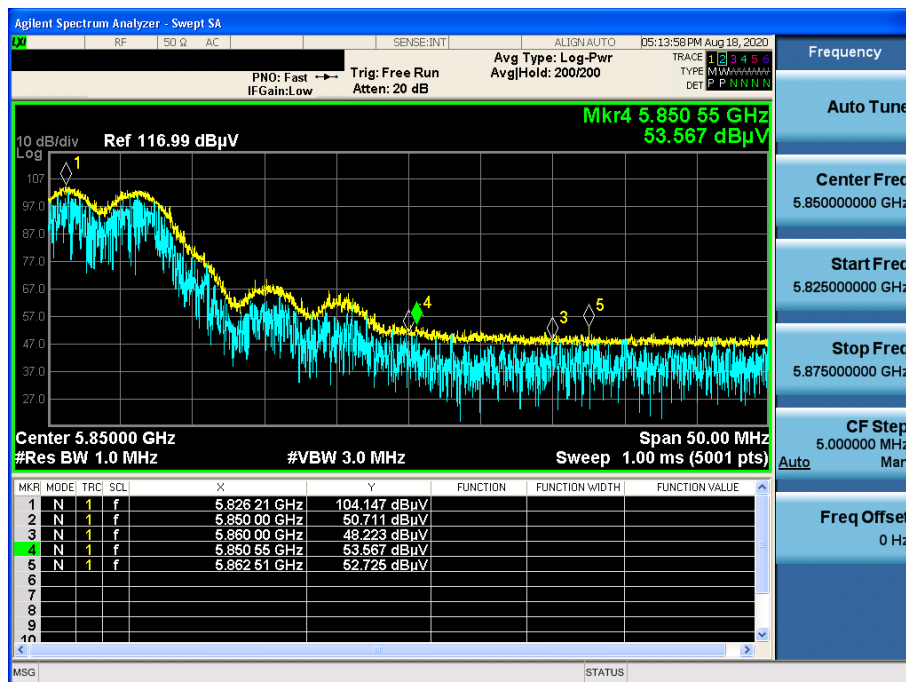
TM1 & U-NII 3 & Ch.149 & Z axis & Hor

Detector Mode : PK



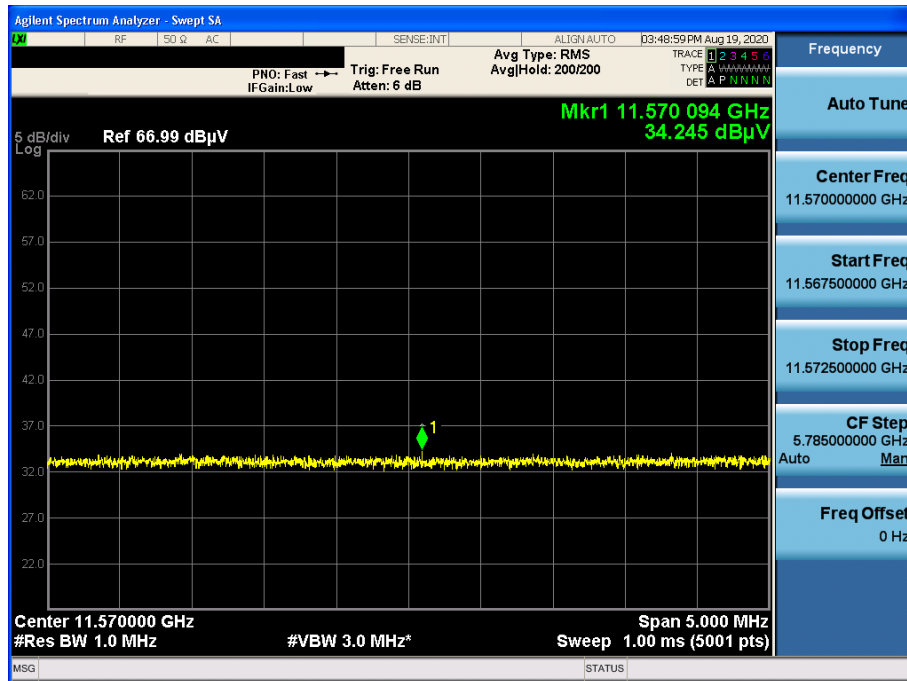
TM1 & U-NII 3 & Ch.165 & Z axis & Hor

Detector Mode : PK

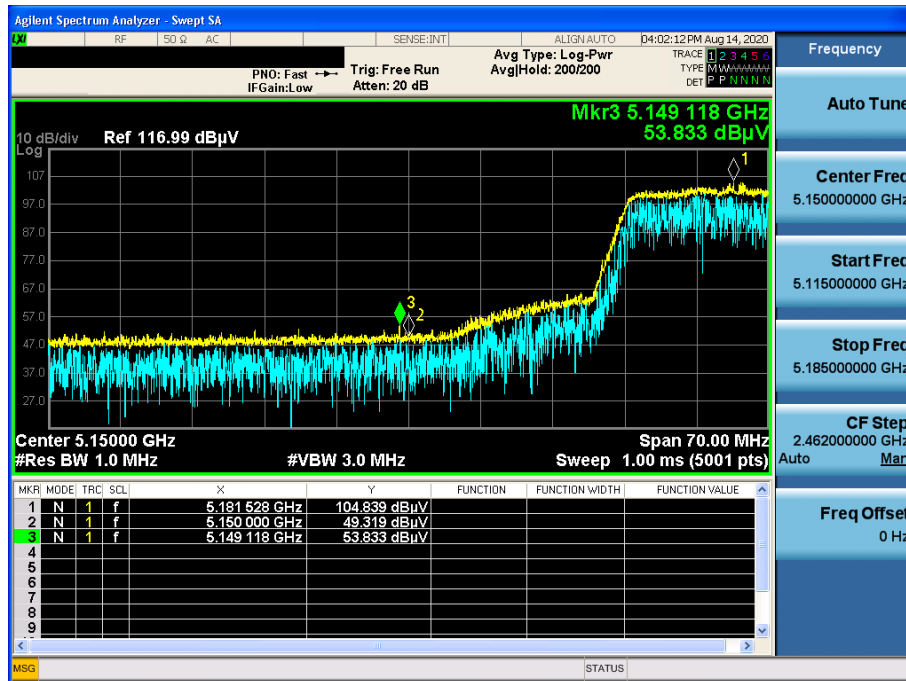


TM1 & U-NII 3 & Ch.157 & Y axis & Hor

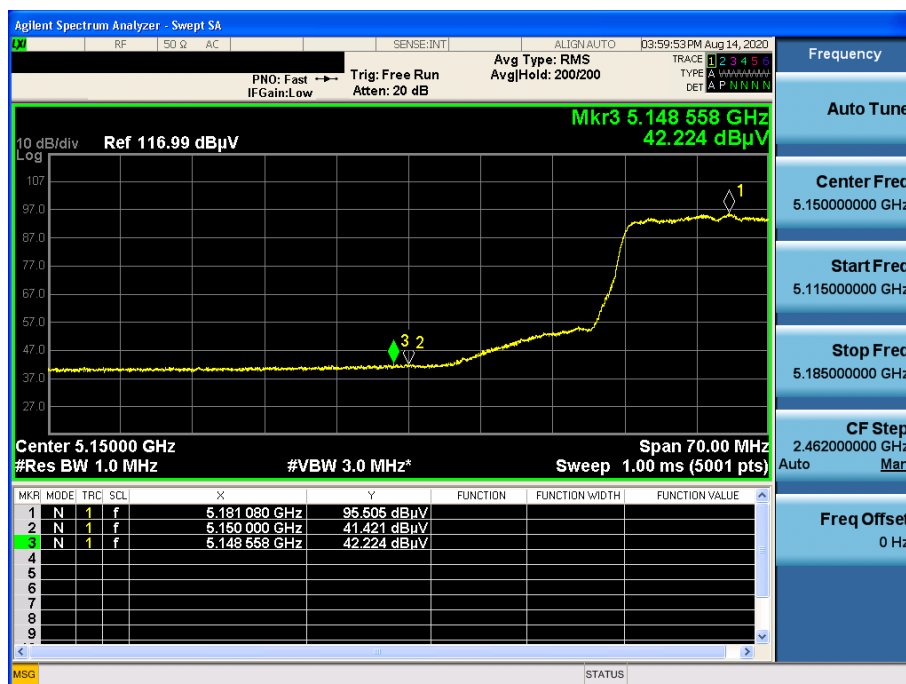
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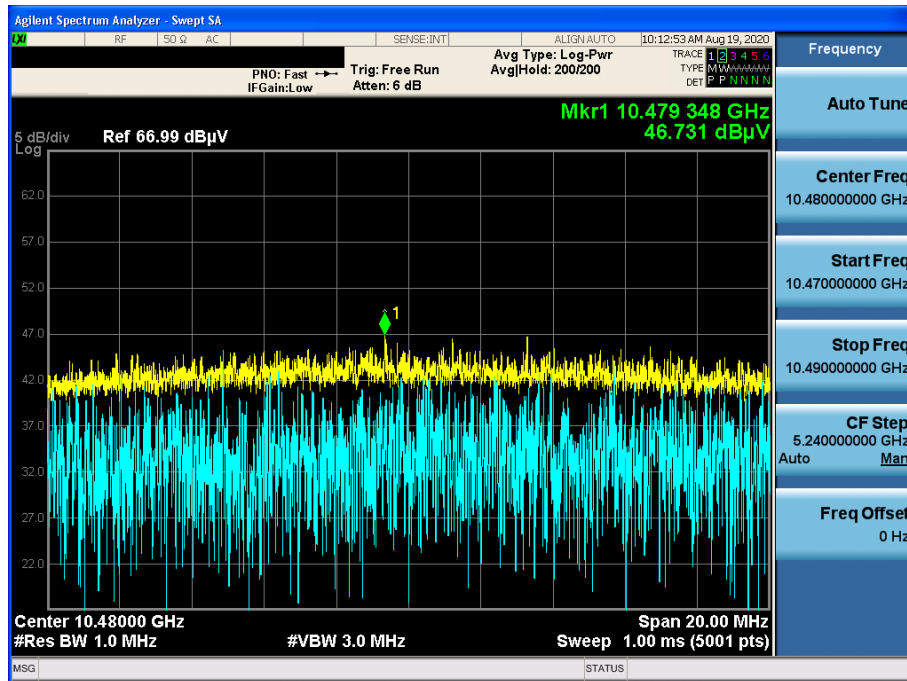
Detector Mode : PK



Detector Mode : AV

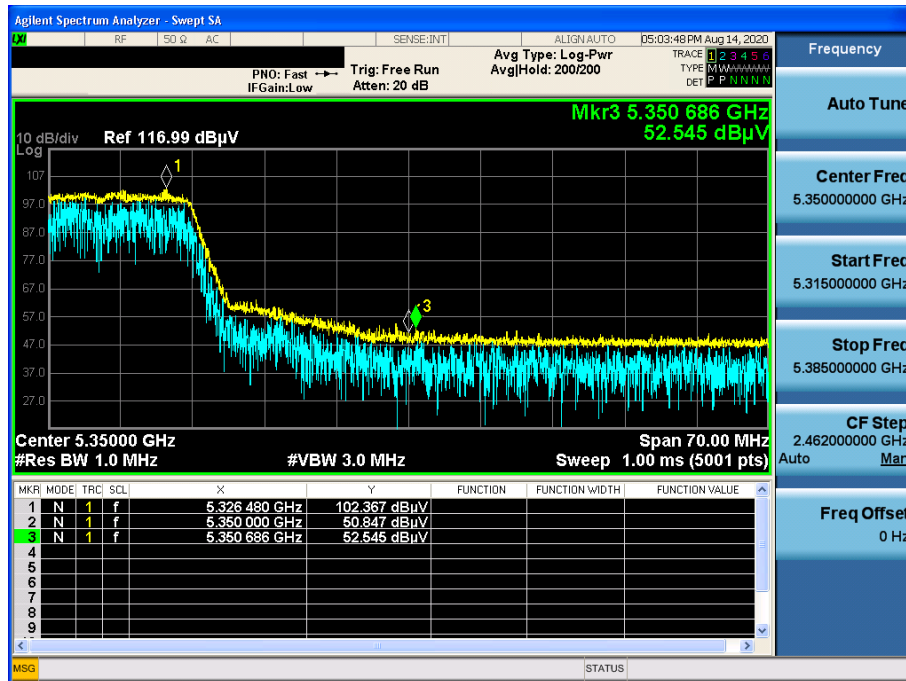


Detector Mode : PK



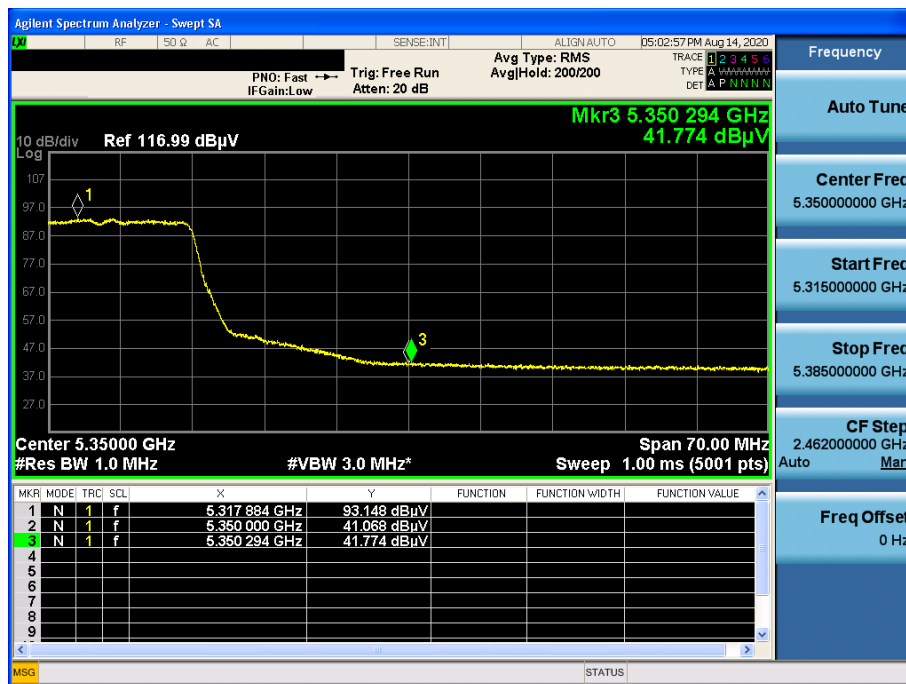
TM2 & U-NII 2A & Ch.64 & Z axis & Hor

Detector Mode : PK



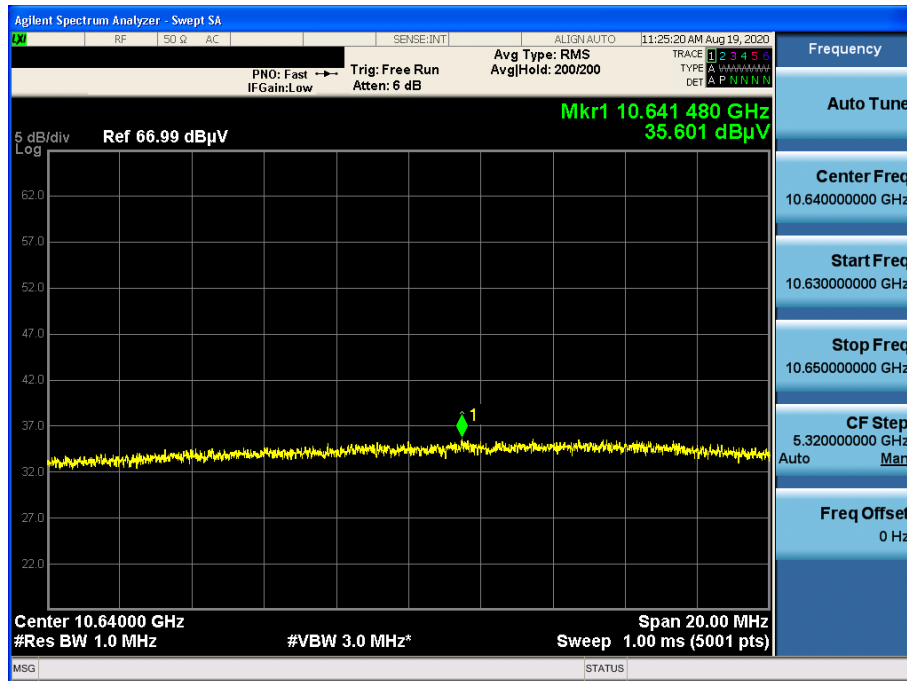
TM2 & U-NII 2A & Ch.64 & Z axis & Hor

Detector Mode : AV



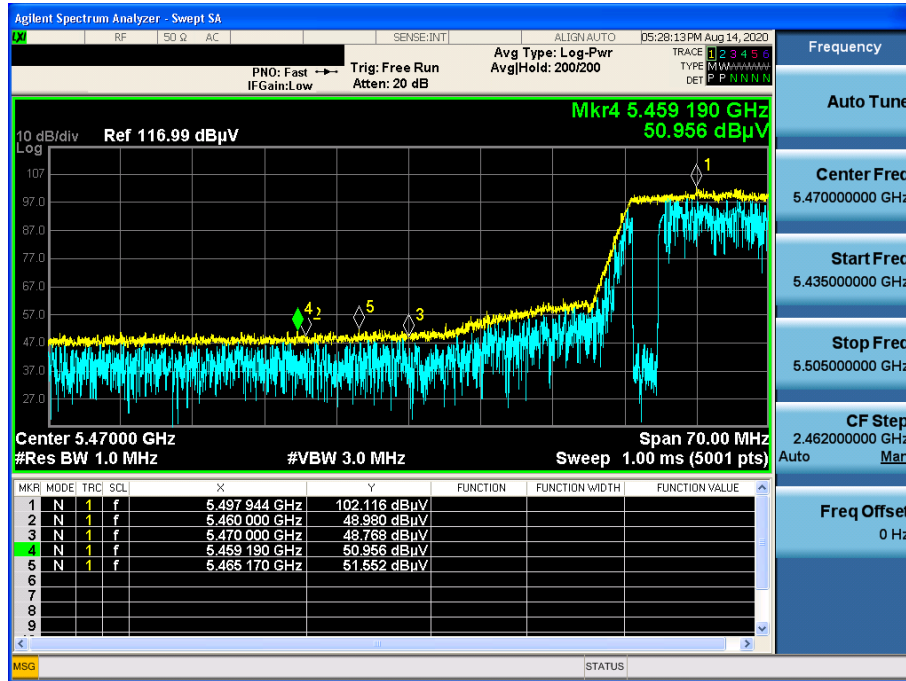
TM2 & U-NII 2A & Ch.64 & Y axis & Hor

Detector Mode : AV



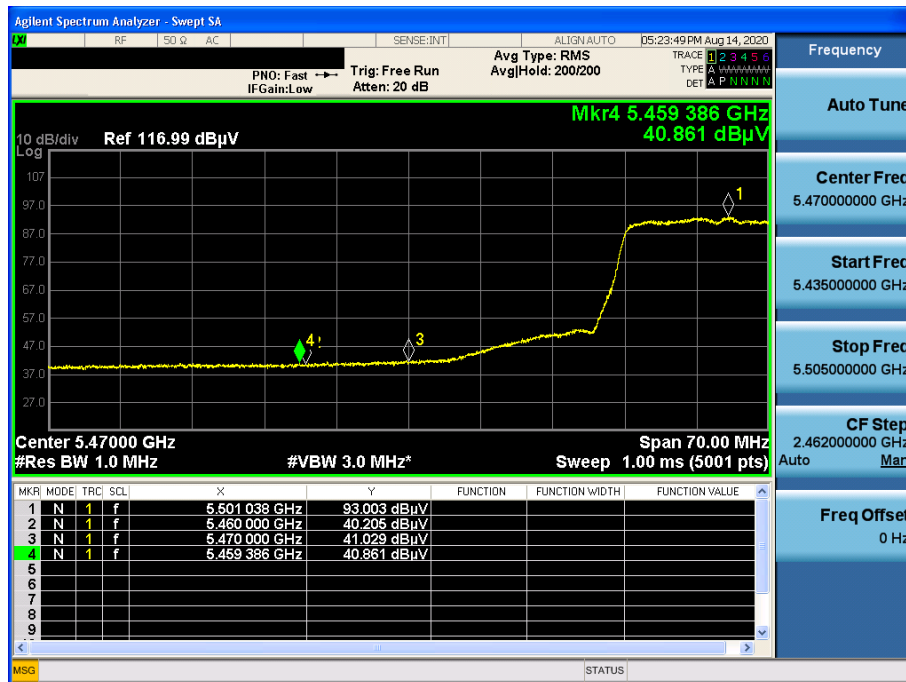
TM2 & U-NII 2C & Ch.100 & Z axis & Hor

Detector Mode : PK



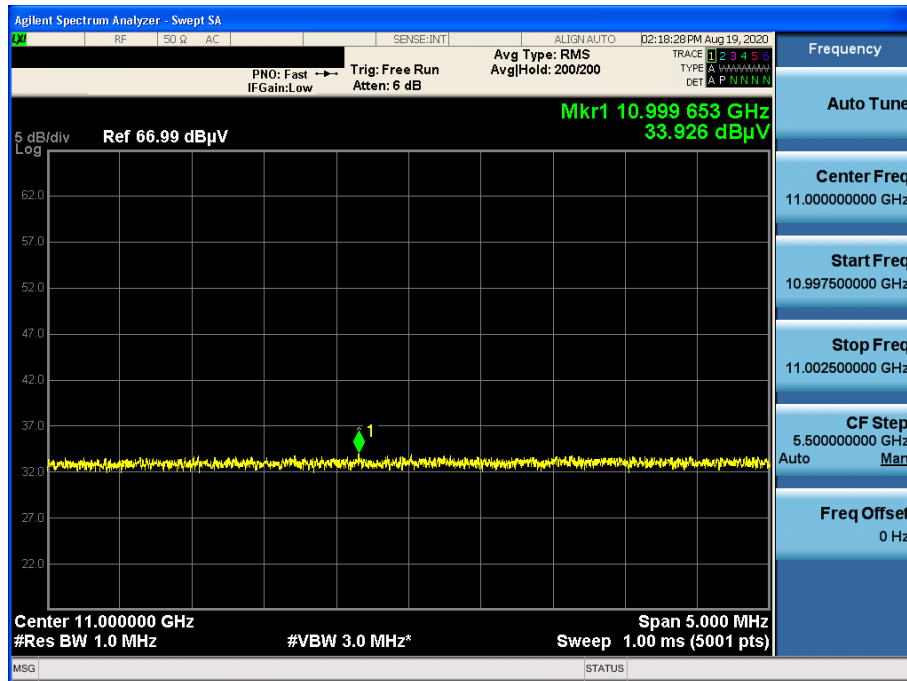
TM2 & U-NII 2C & Ch.100 & Z axis & Hor

Detector Mode : AV



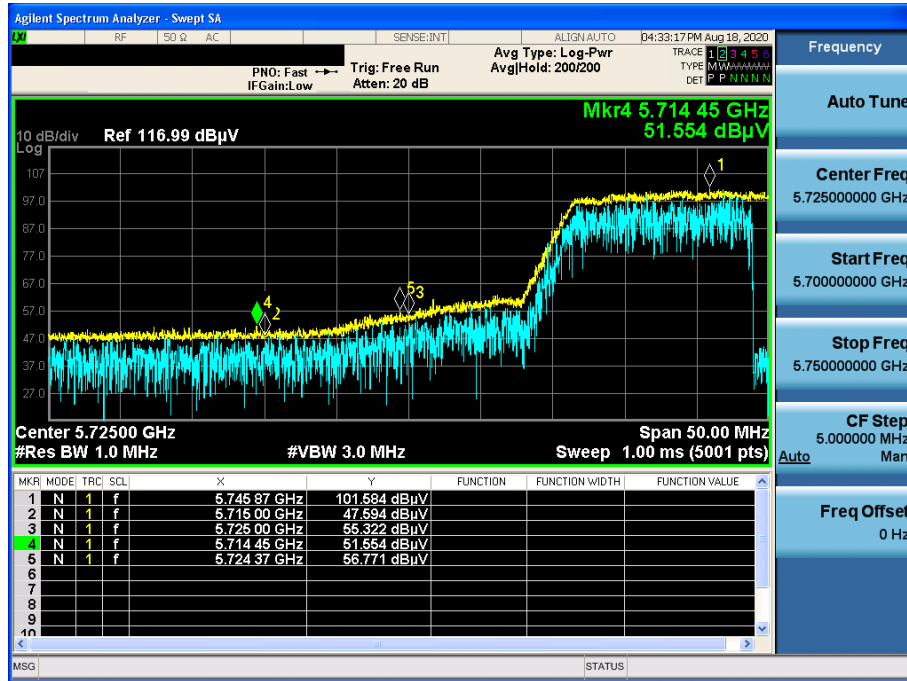
TM2 & U-NII 2C & Ch.100 & Y axis & Hor

Detector Mode : AV



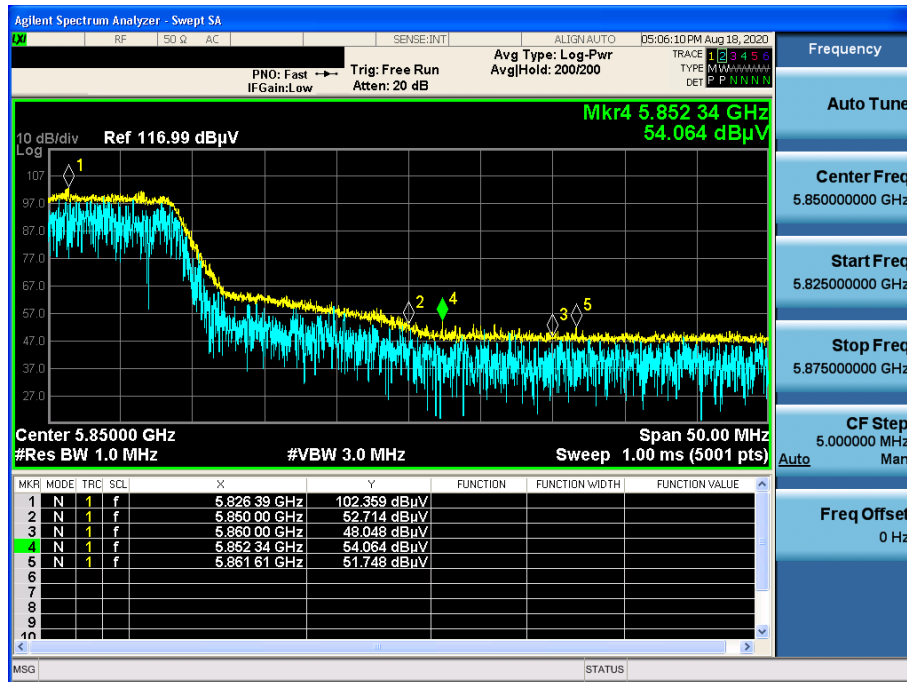
TM2 & U-NII 3 & Ch.149 & Z axis & Hor

Detector Mode : PK



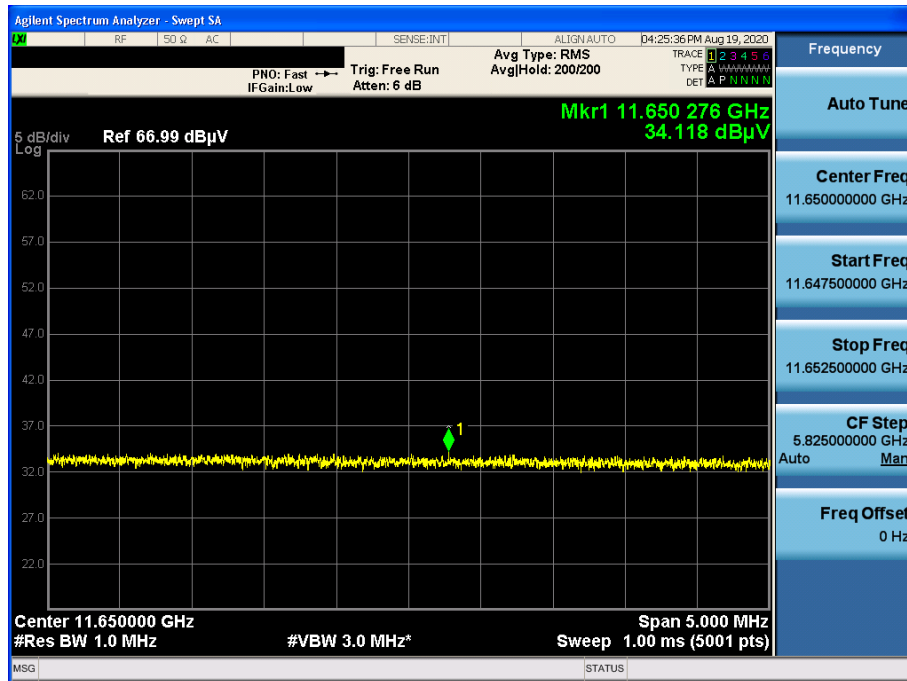
TM2 & U-NII 3 & Ch.165 & Z axis & Hor

Detector Mode : PK



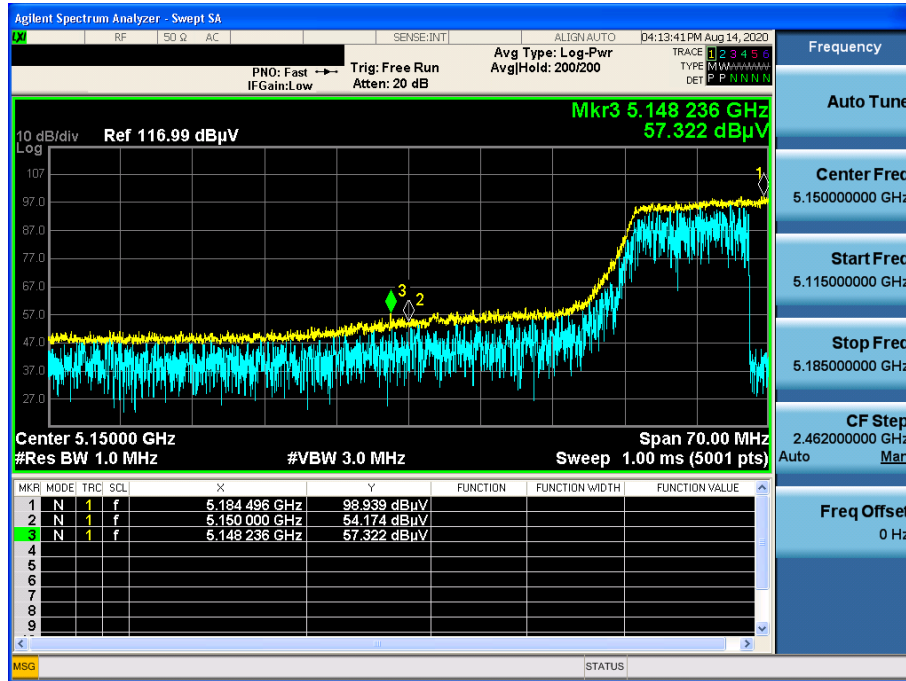
TM2 & U-NII 3 & Ch.165 & Y axis & Hor

Detector Mode : AV



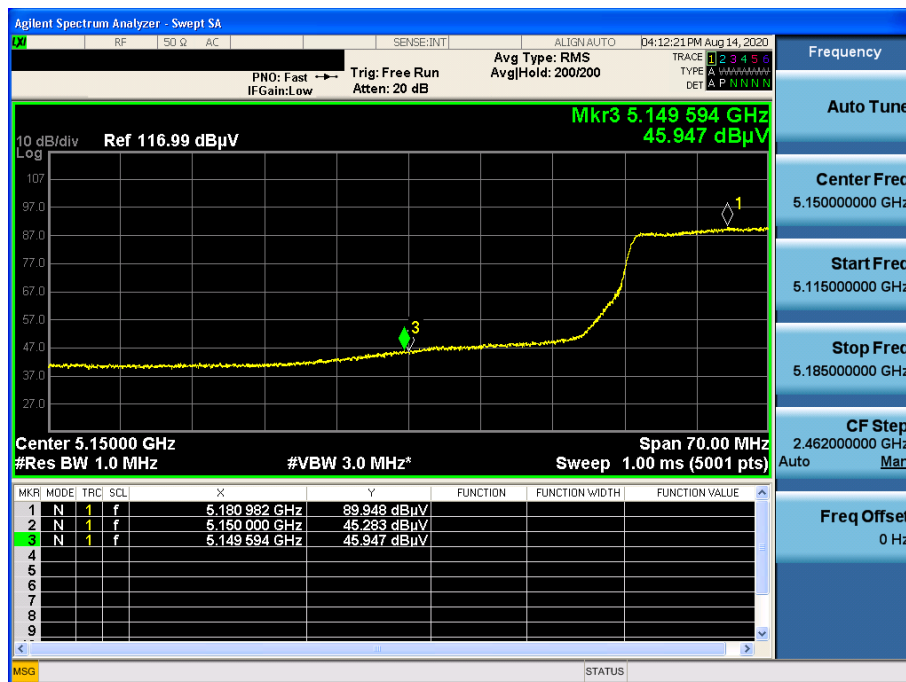
TM3 & U-NII 1 & Ch.38 & Z axis & Hor

Detector Mode : PK

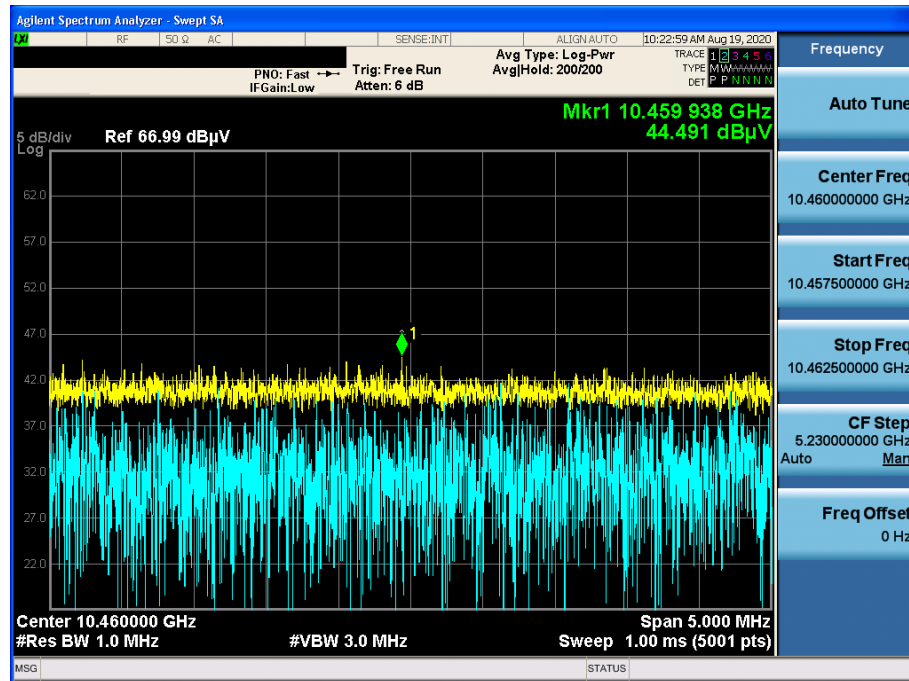


TM3 & U-NII 1 & Ch.38 & Z axis & Hor

Detector Mode : AV

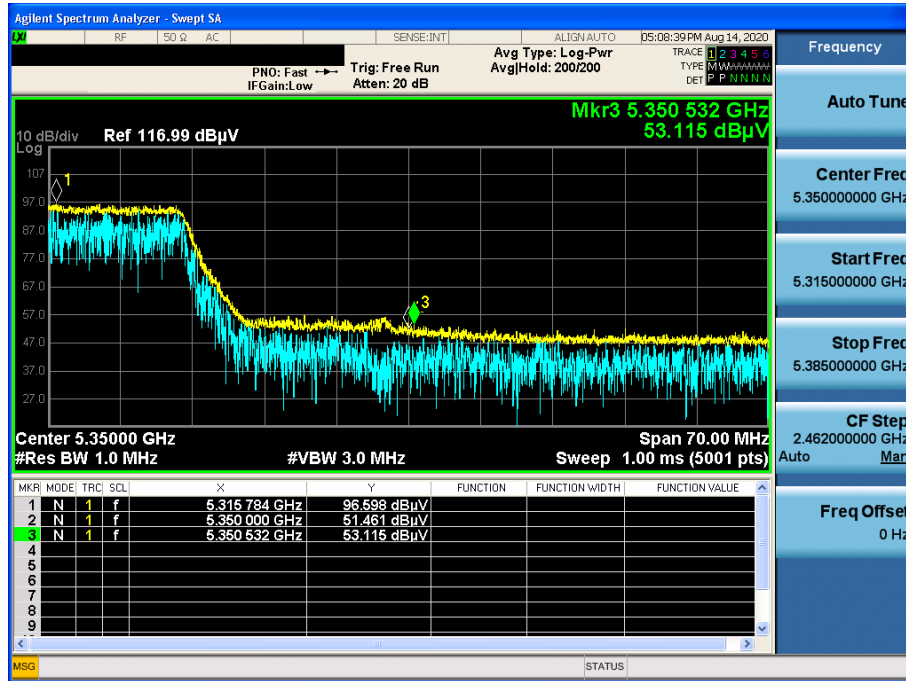


Detector Mode : PK



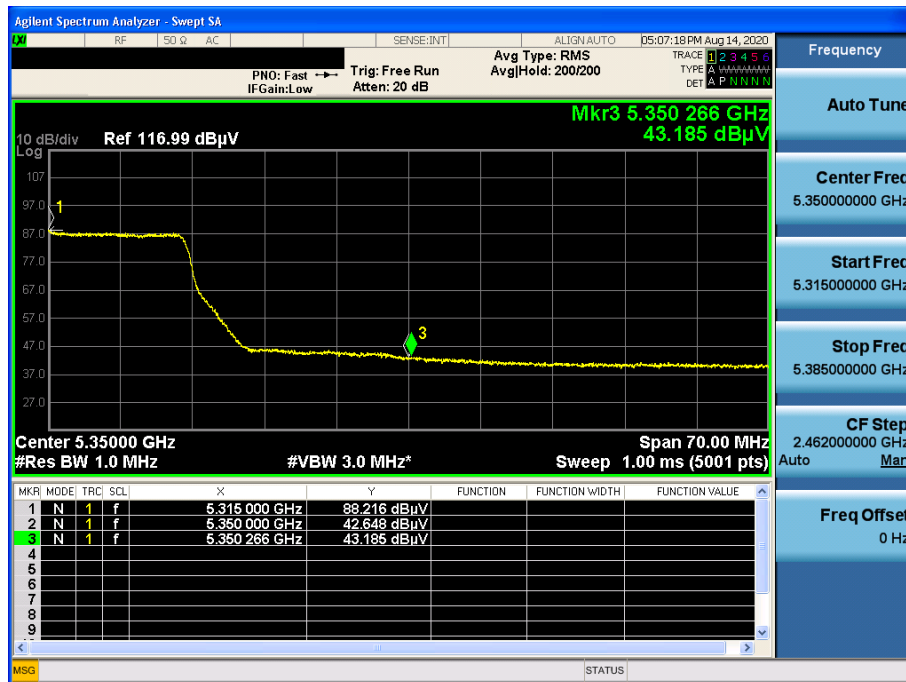
TM3 & U-NII 2A & Ch.62 & Z axis & Hor

Detector Mode : PK



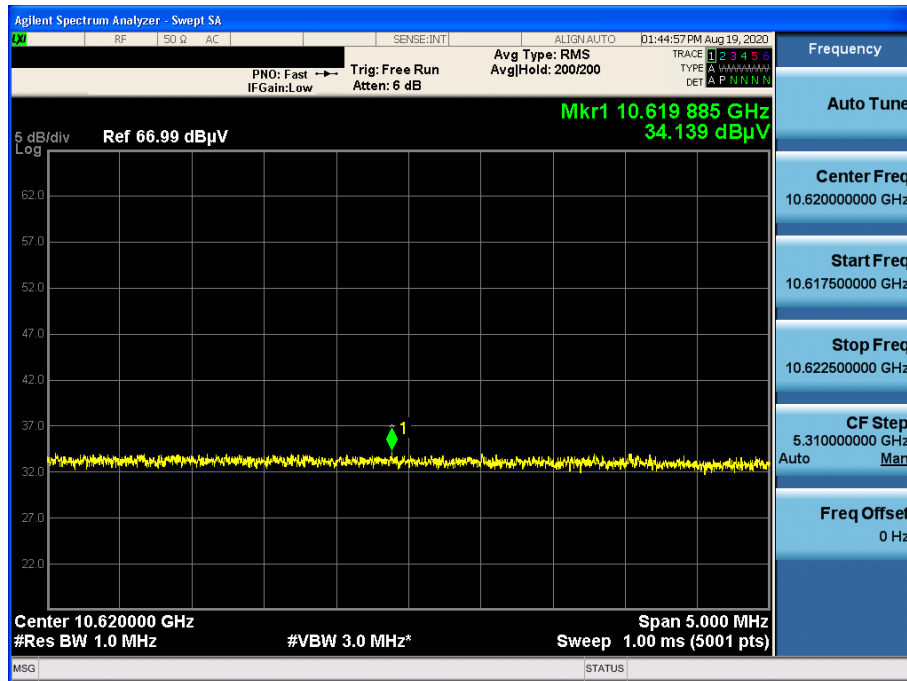
TM3 & U-NII 2A & Ch.62 & Z axis & Hor

Detector Mode : AV



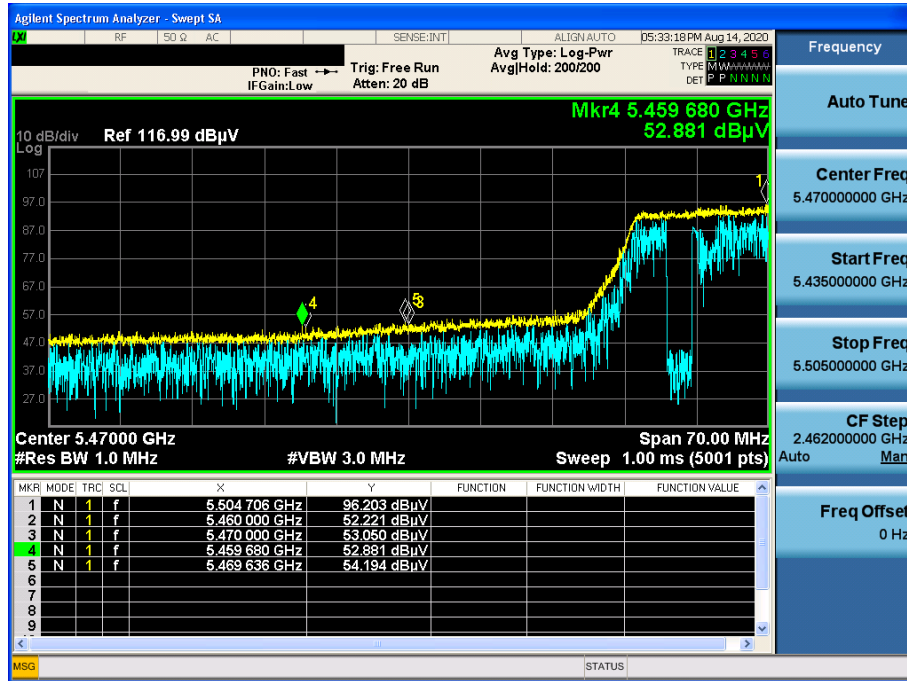
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Detector Mode : AV



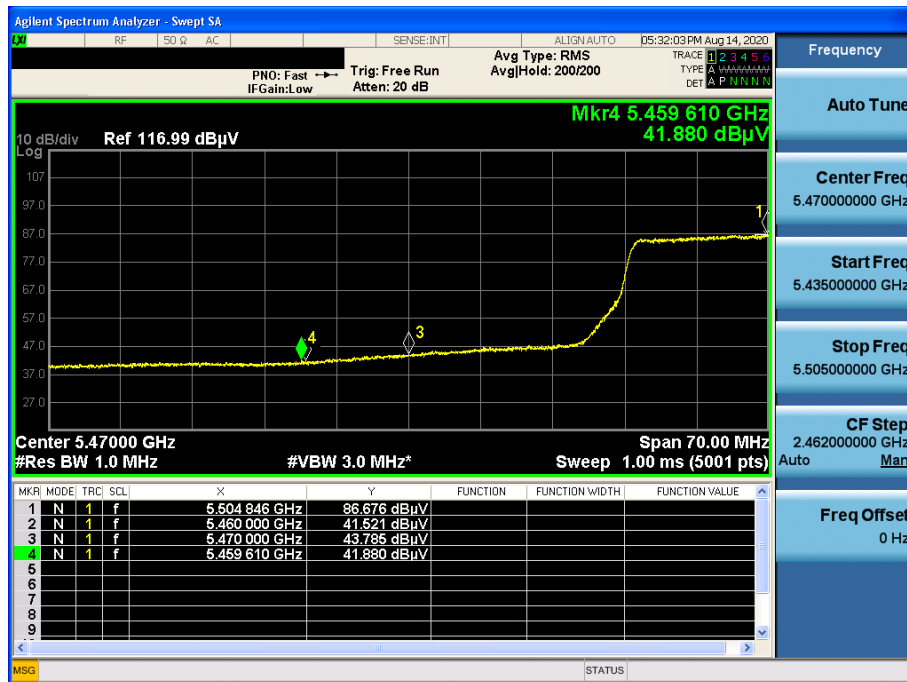
TM3 & U-NII 2C & Ch.102 & Z axis & Hor

Detector Mode : PK



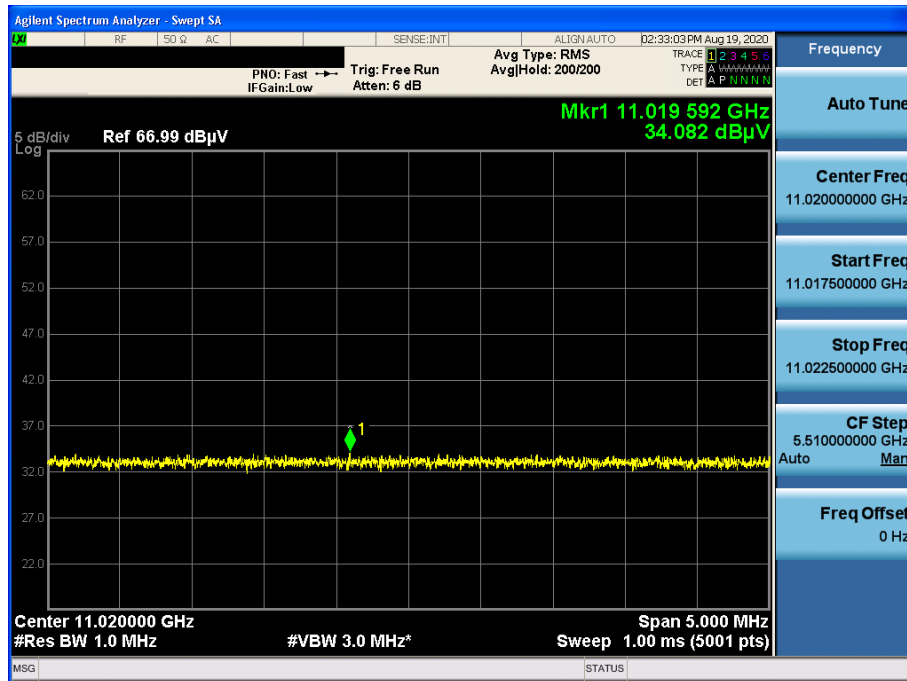
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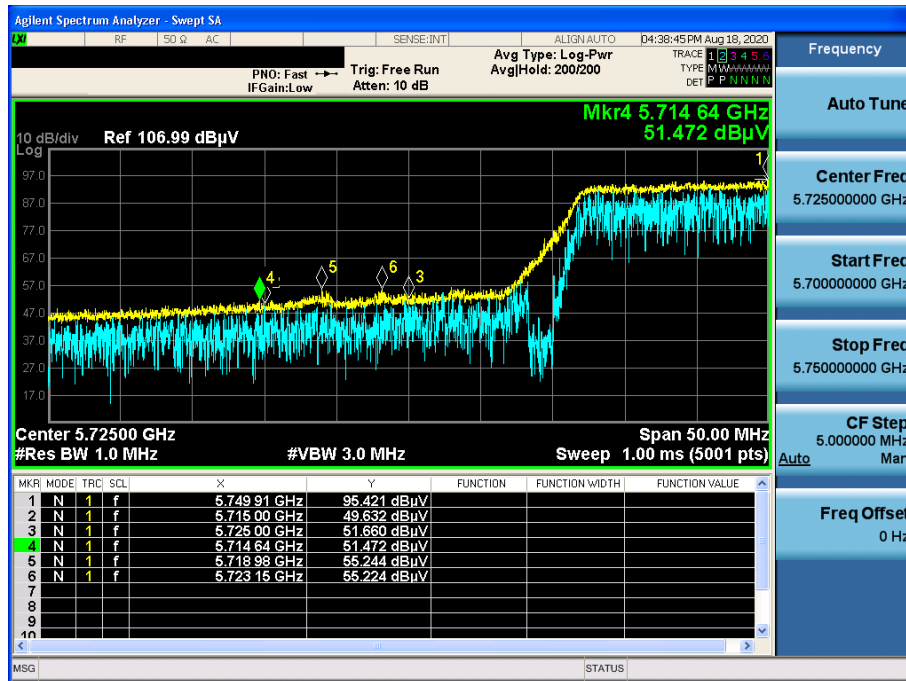
TM3 & U-NII 2C & Ch.102 & Y axis & Hor

Detector Mode : AV



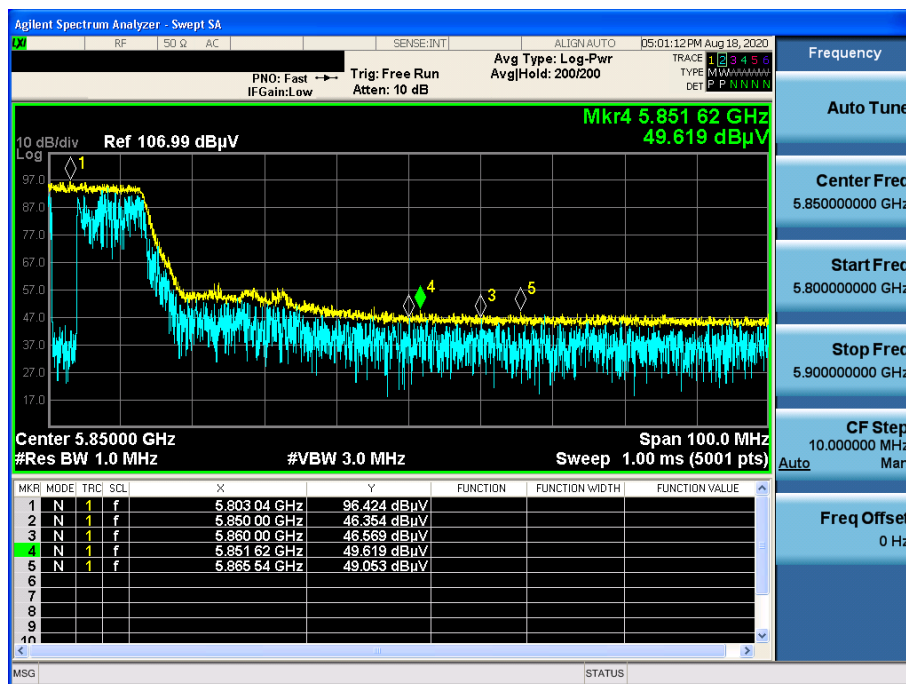
TM3 & U-NII 3 & Ch.151 & Z axis & Hor

Detector Mode : PK



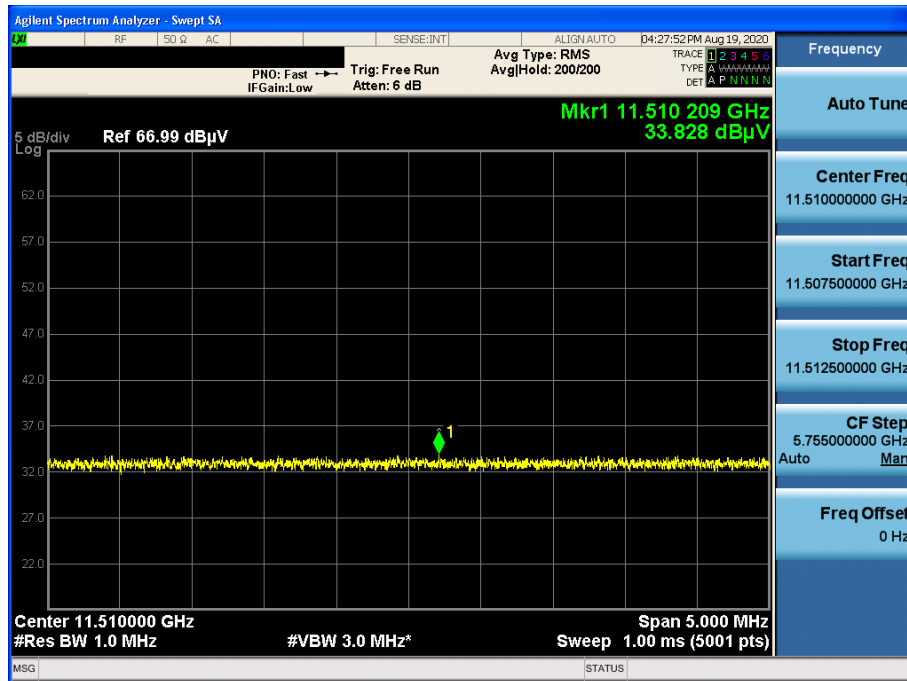
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Detector Mode : PK

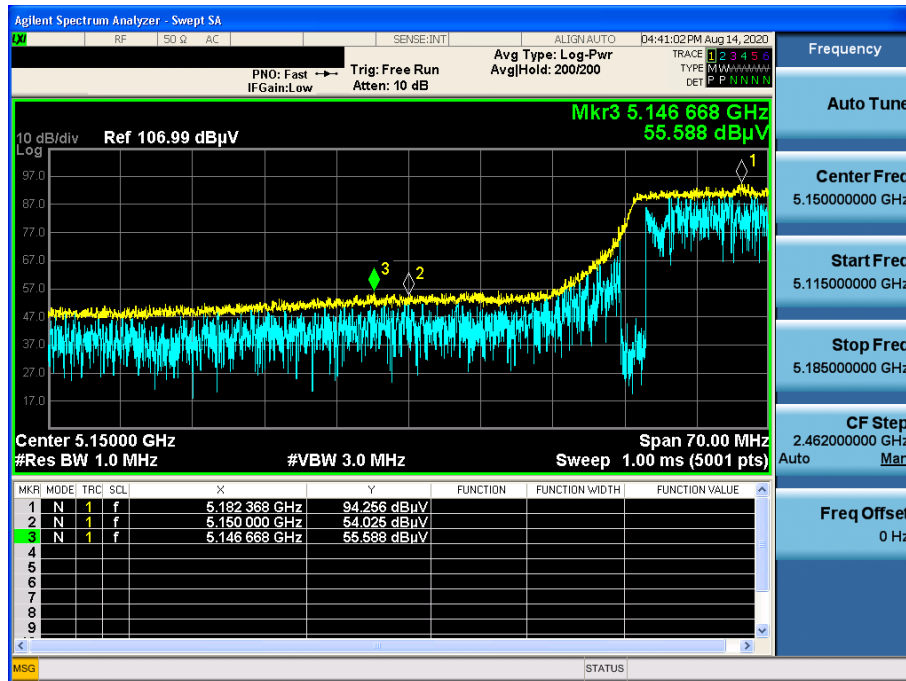


TM3 & U-NII 3 & Ch.151 & Y axis & Hor

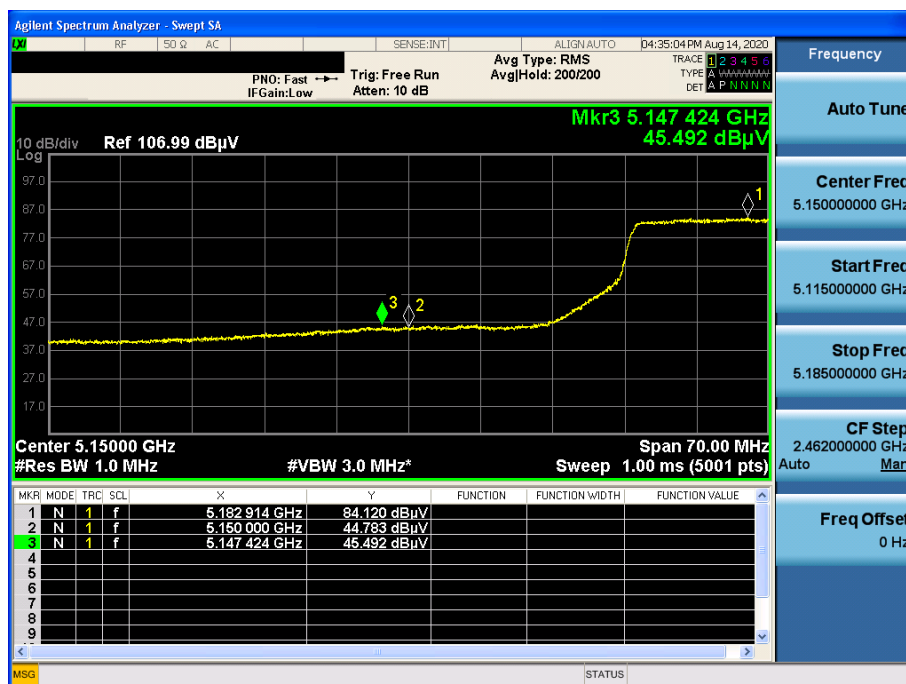
Detector Mode : AV



Detector Mode : PK

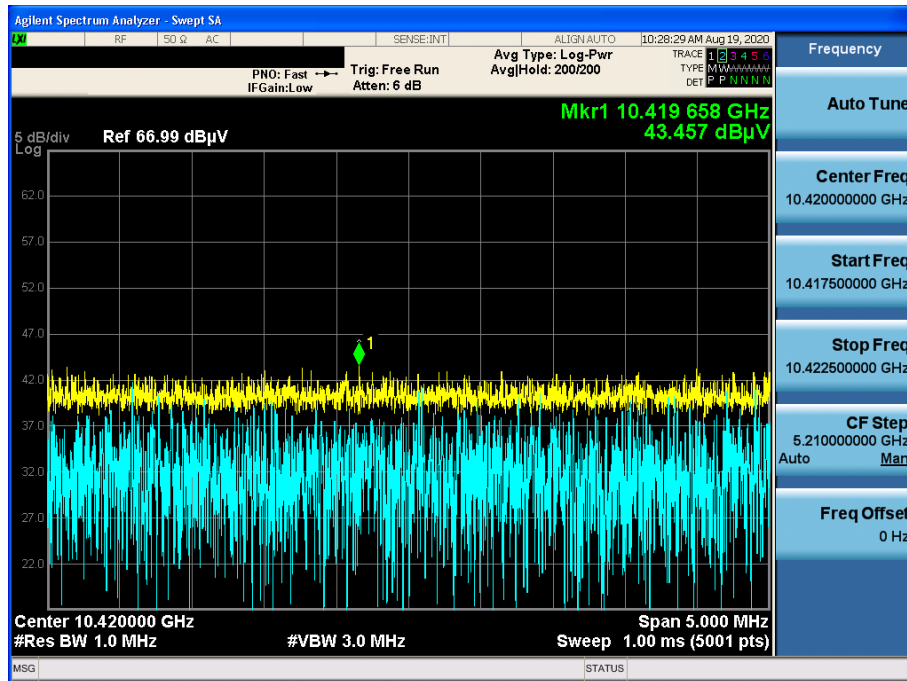


Detector Mode : AV



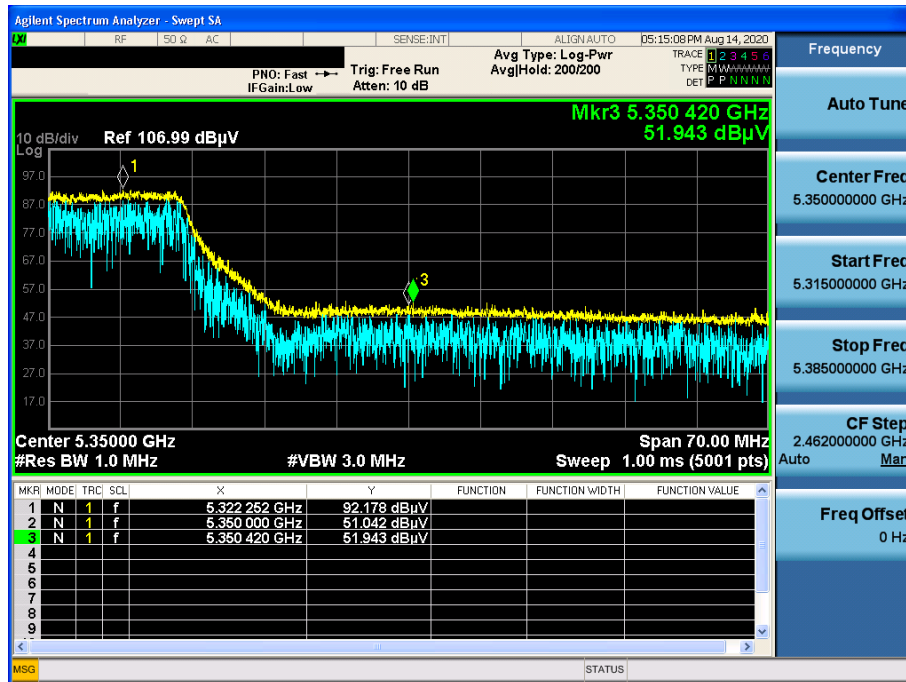
TM4 & U-NII 1 & Ch.42 & Y axis & Hor

Detector Mode : PK



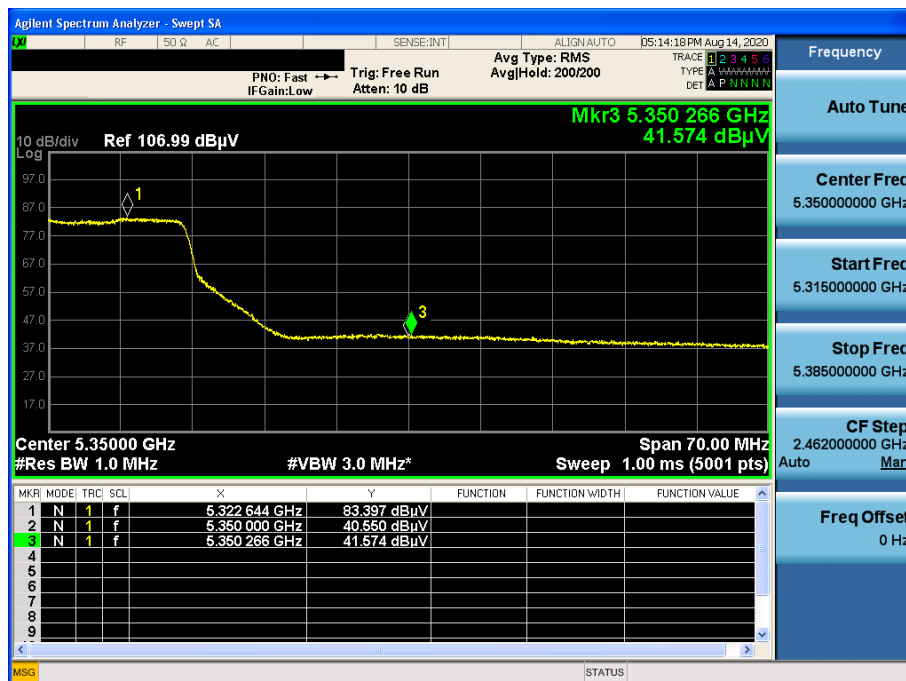
TM4 & U-NII 2A & Ch.58 & Z axis & Hor

Detector Mode : PK



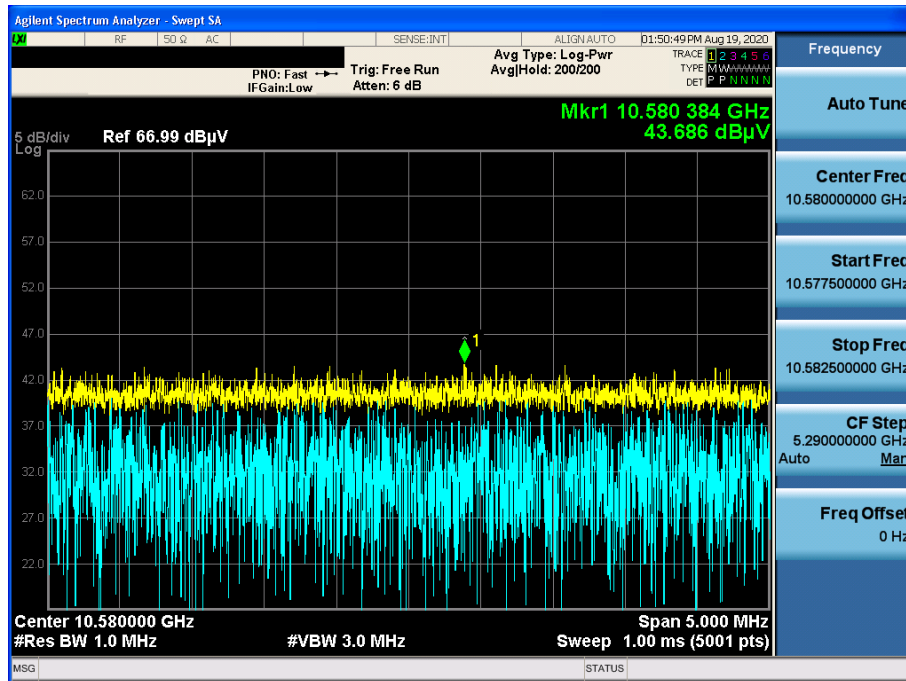
TM4 & U-NII 2A & Ch.58 & Z axis & Hor

Detector Mode : AV



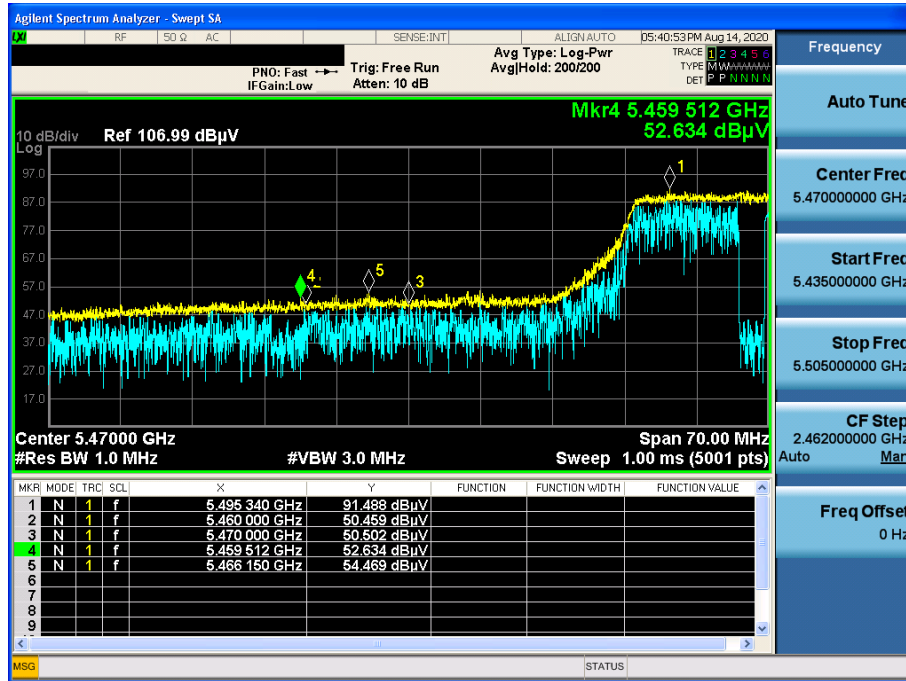
TM4 & U-NII 2A & Ch.58 & Y axis & Hor

Detector Mode : PK



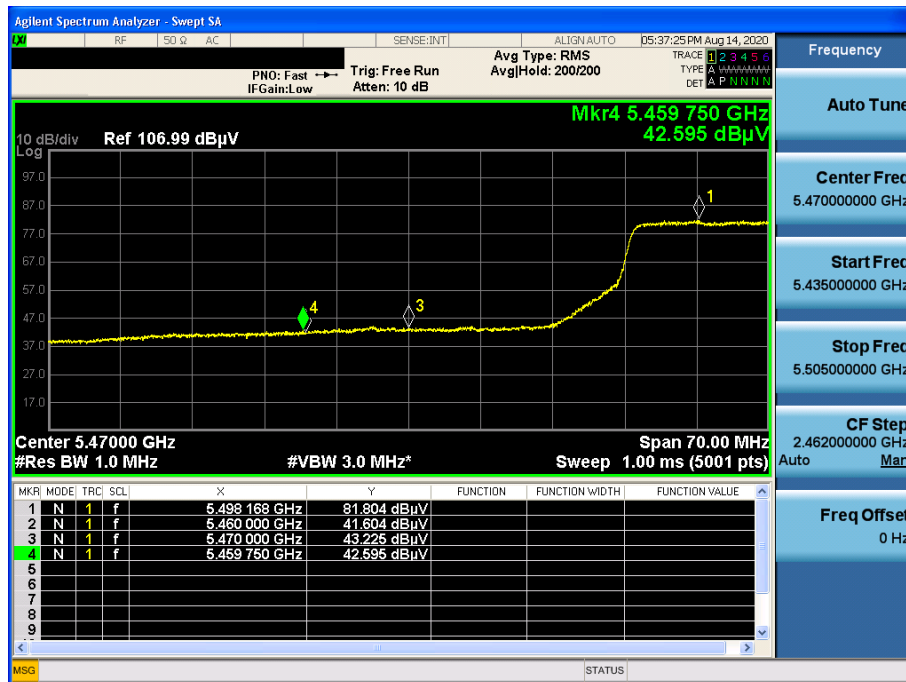
TM4 & U-NII 2C & Ch.106 & Z axis & Hor

Detector Mode : PK



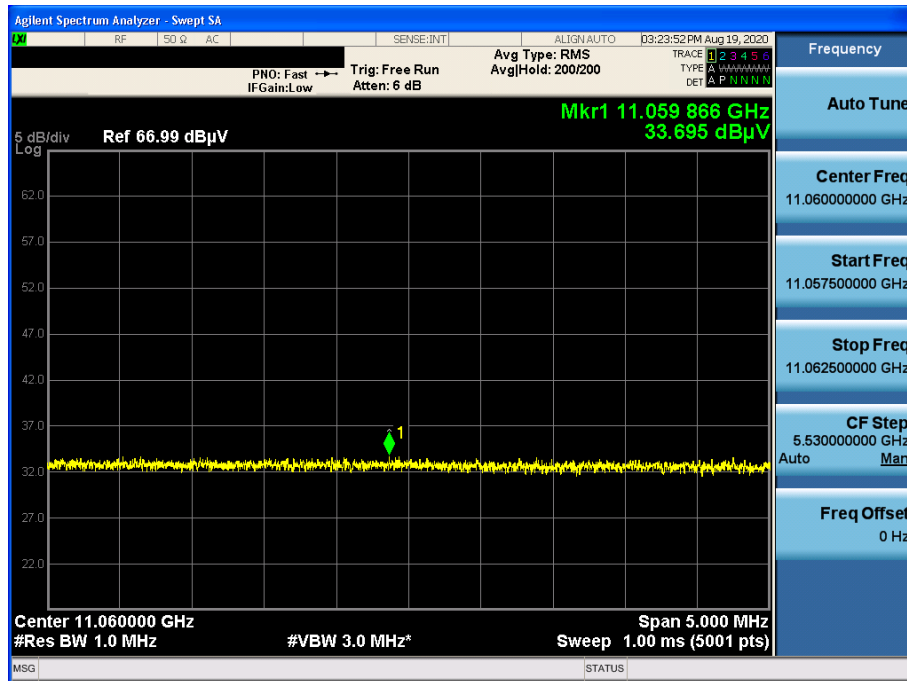
TM4 & U-NII 2C & Ch.106 & Z axis & Hor

Detector Mode : AV

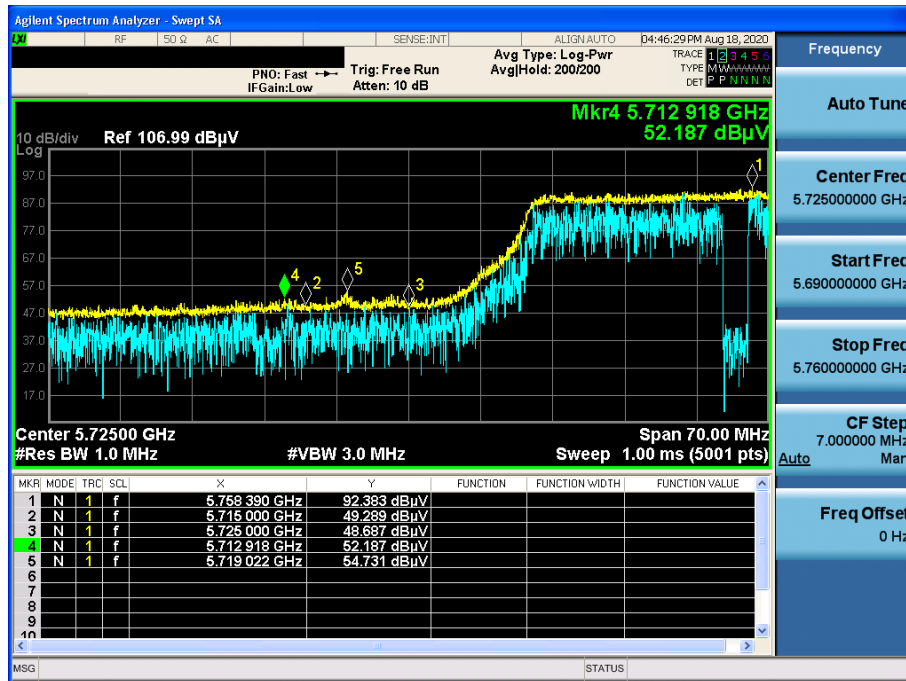


TM4 & U-NII 2C & Ch.106 & Y axis & Hor

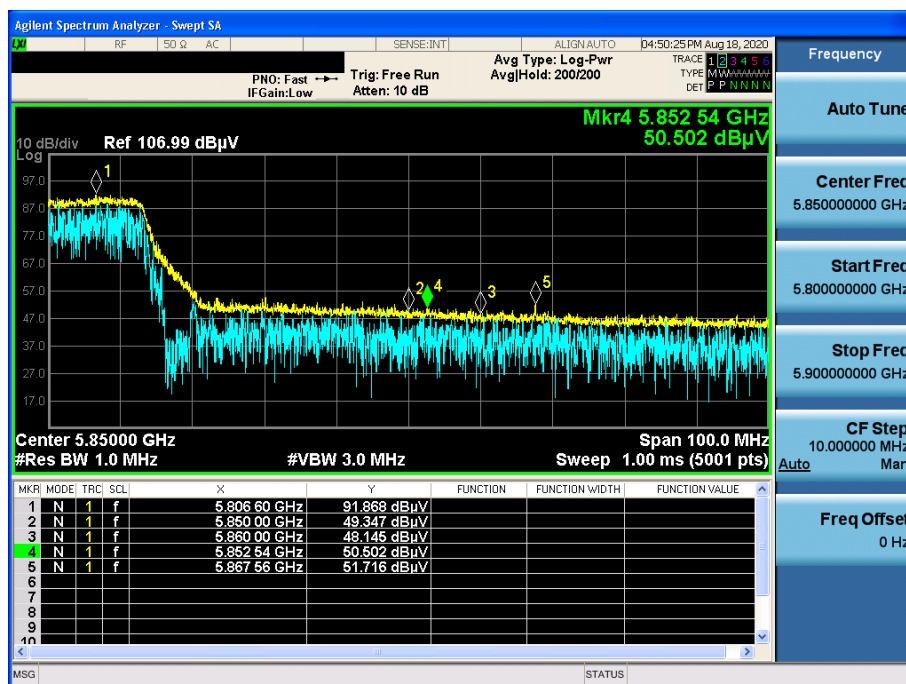
Detector Mode : AV



Detector Mode : PK

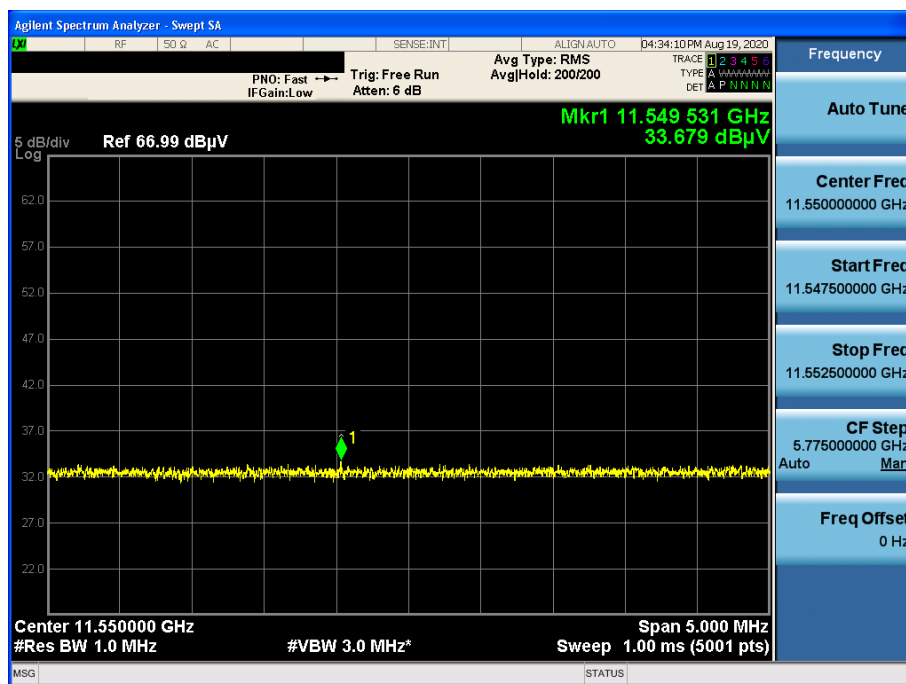


Detector Mode : PK



TM4 & U-NII 3 & Ch.155 & Y axis & Hor

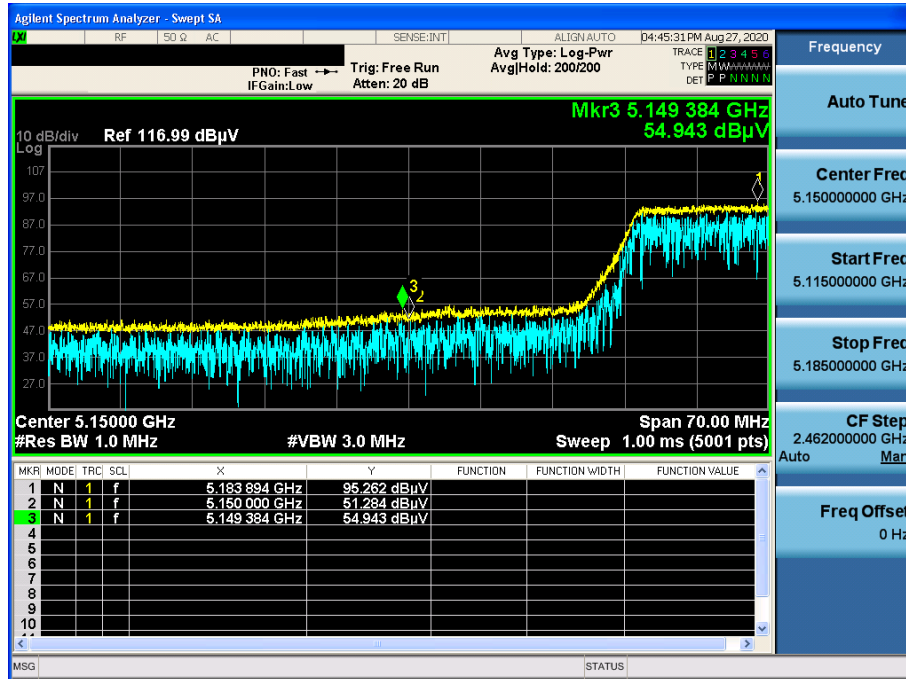
Detector Mode : AV



Unwanted Emissions (Radiated) Test Plot: non-swiveled position

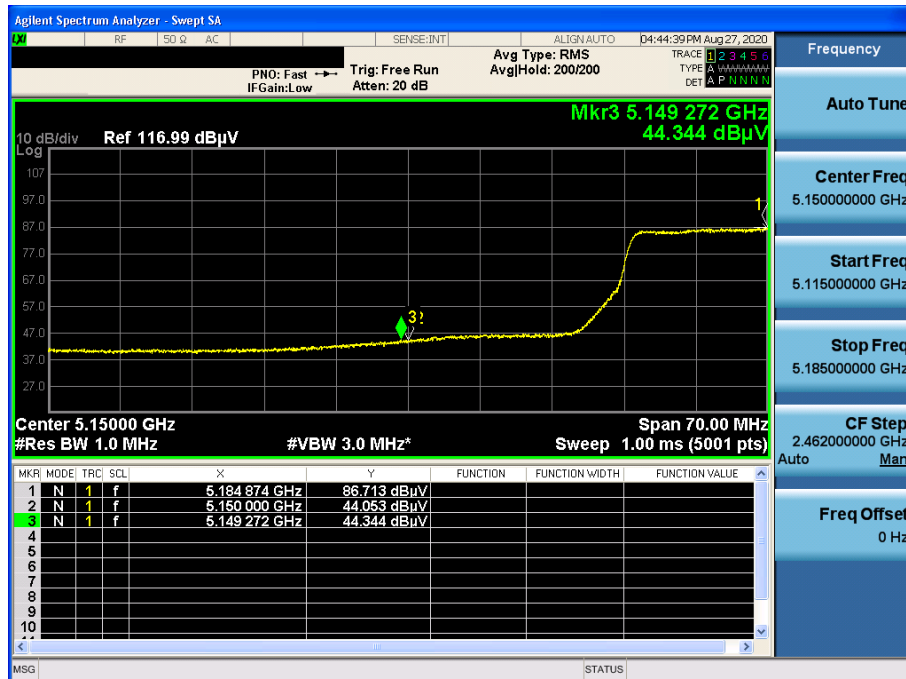
TM3 & U-NII 1 & Ch.38 & Y axis & Hor

Detector Mode : PK



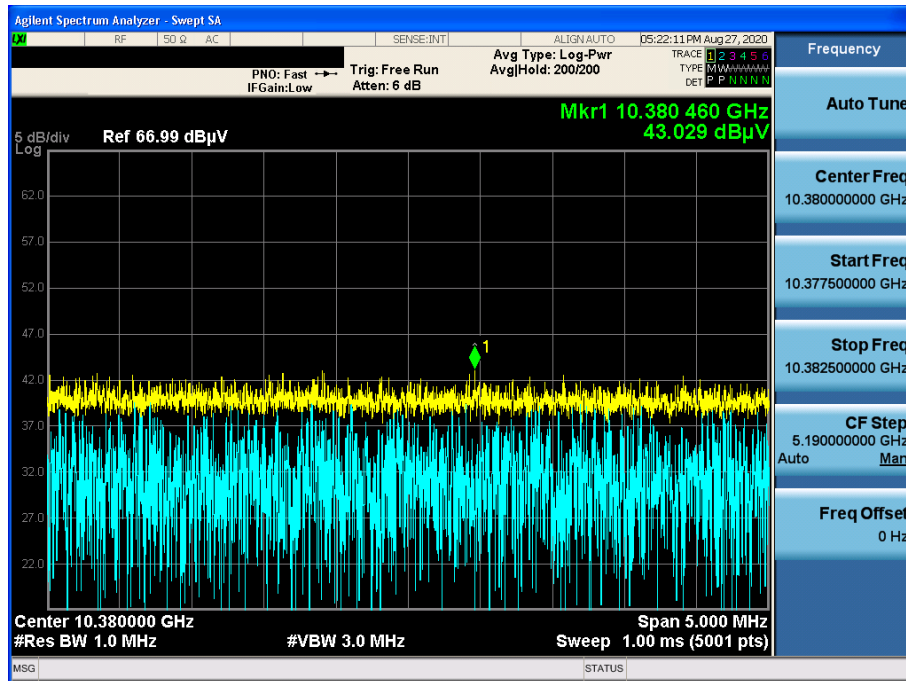
TM3 & U-NII 1 & Ch.38 & Y axis & Hor

Detector Mode : AV



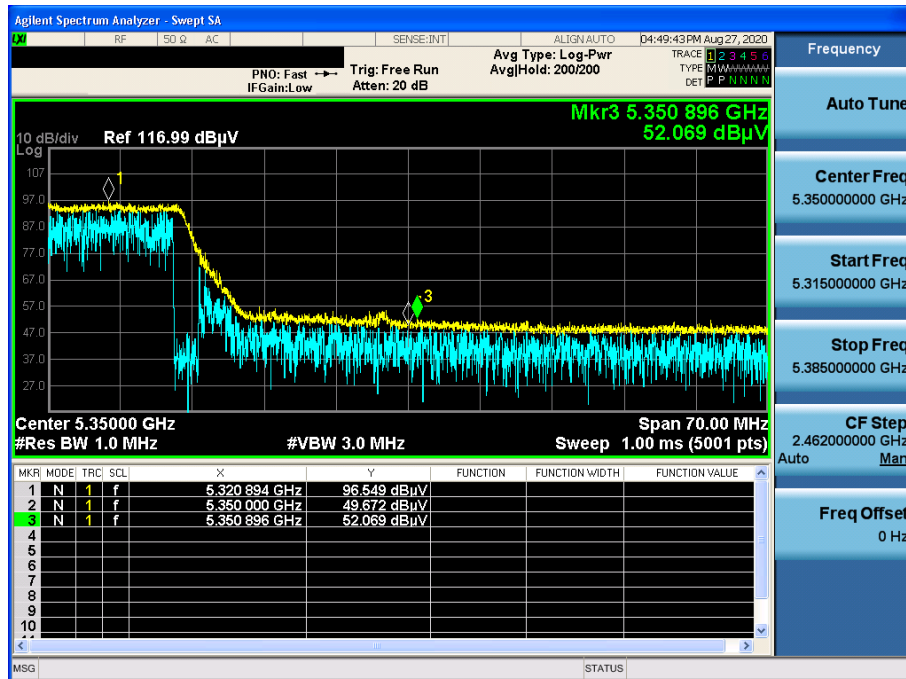
TM3 & U-NII 1 & Ch.38 & X axis & Ver

Detector Mode : PK



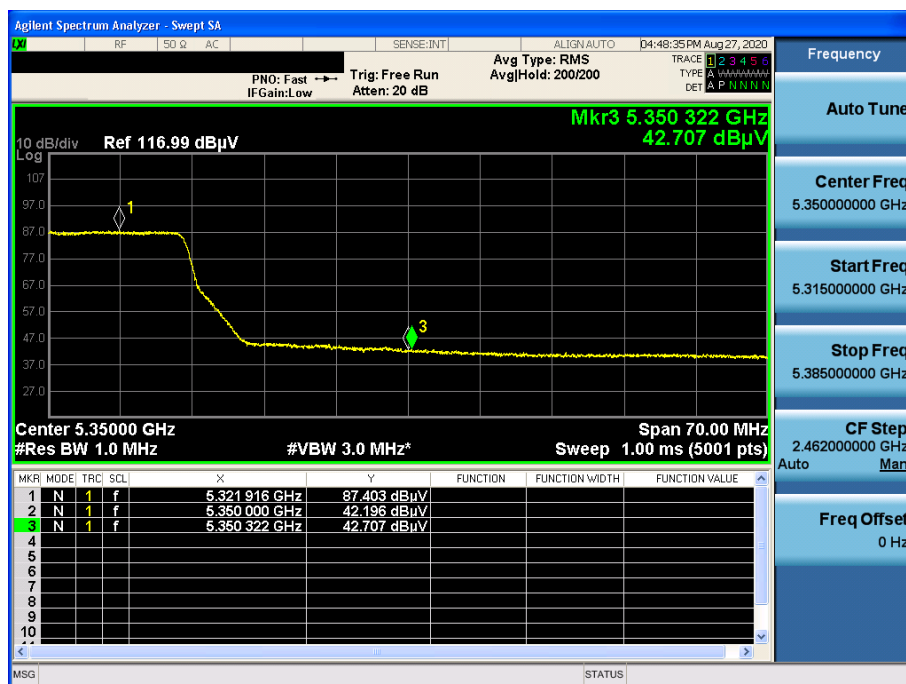
TM3 & U-NII 2A & Ch.62 & Y axis & Hor

Detector Mode : PK



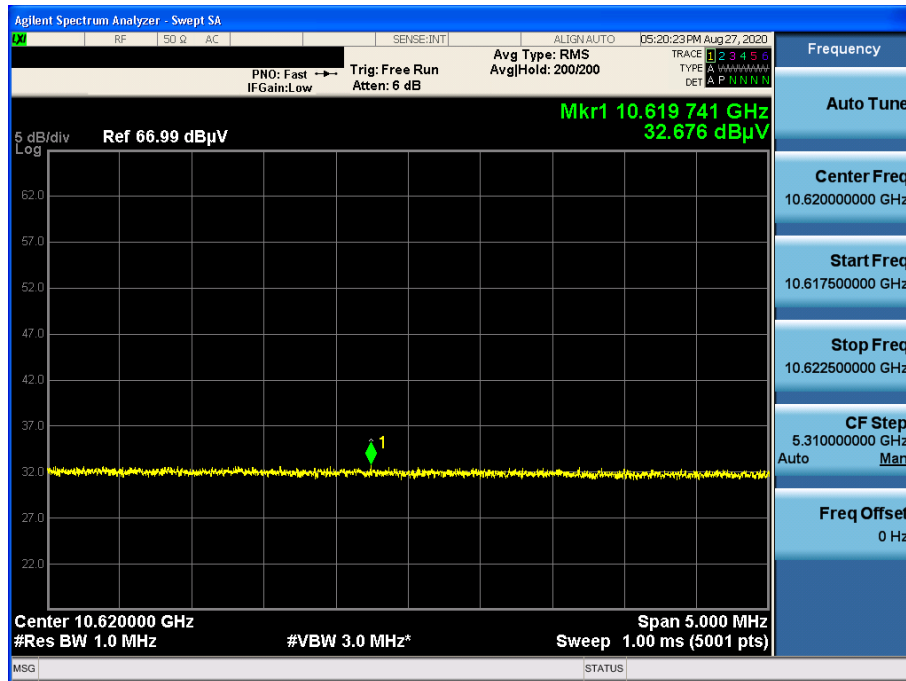
TM3 & U-NII 2A & Ch.62 & Y axis & Hor

Detector Mode : AV



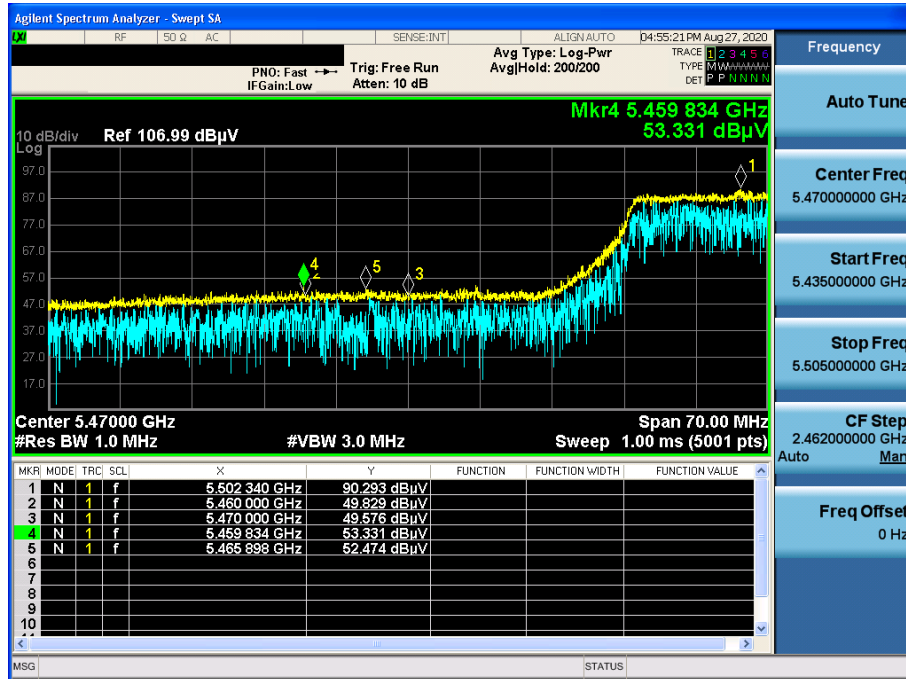
TM3 & U-NII 2A & Ch.62 & X axis & Ver

Detector Mode : AV



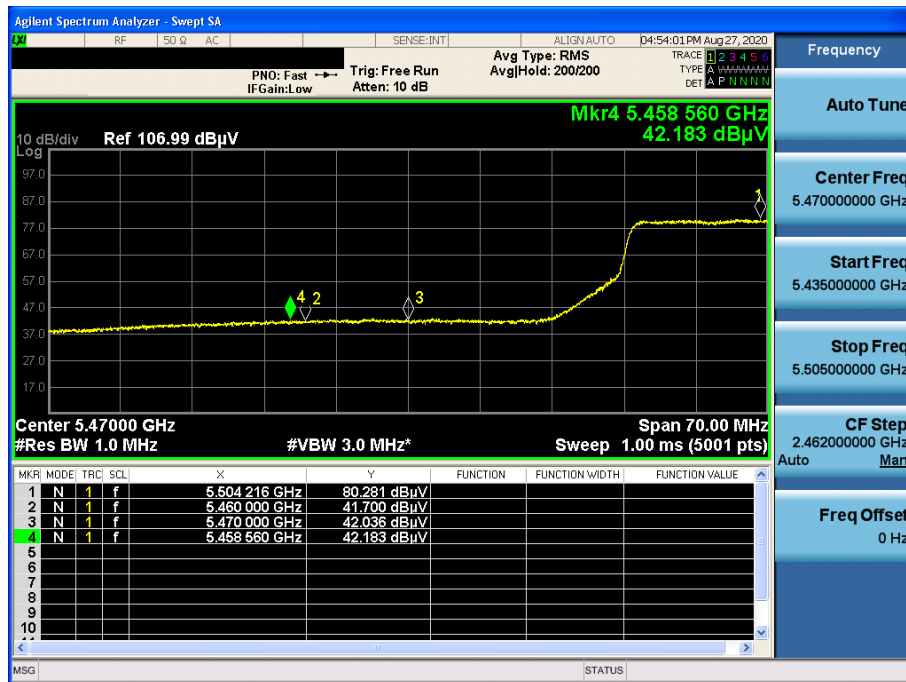
TM4 & U-NII 2C & Ch.106 & Y axis & Hor

Detector Mode : PK



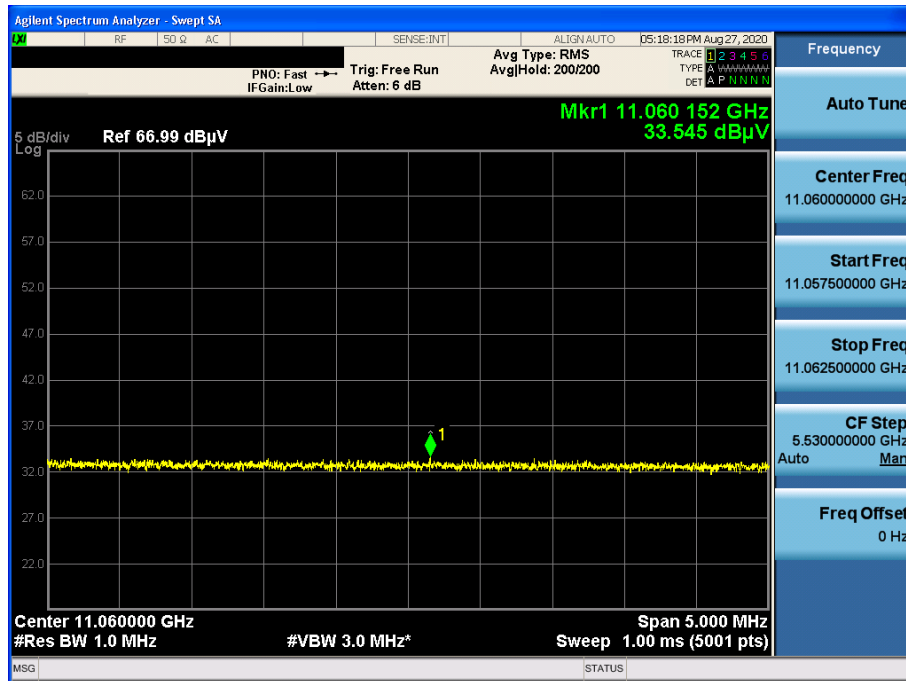
TM4 & U-NII 2C & Ch.106 & Y axis & Hor

Detector Mode : AV



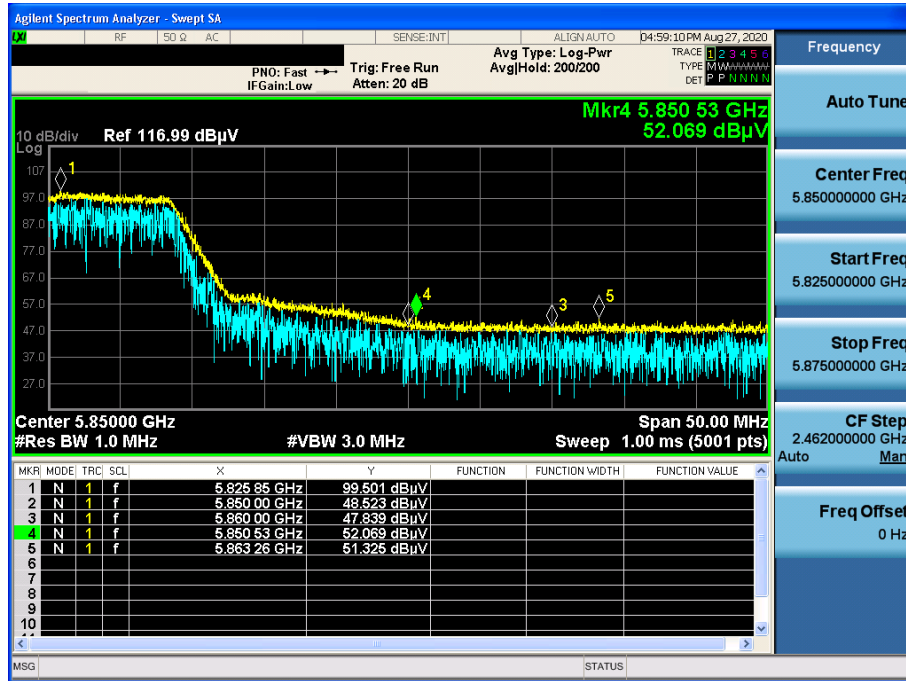
TM4 & U-NII 2C & Ch.106 & X axis & Ver

Detector Mode : AV



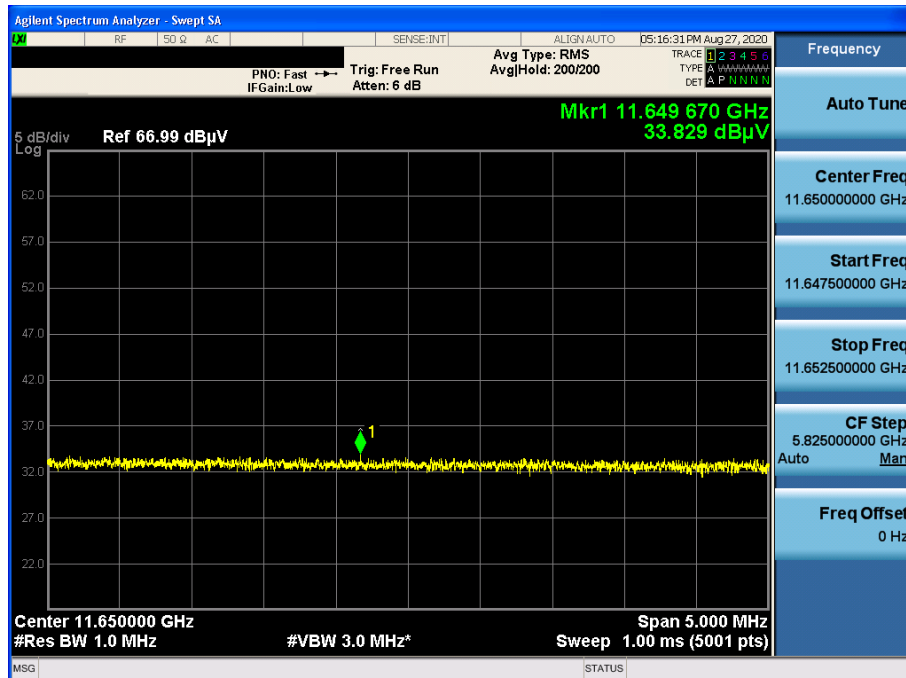
TM2 & U-NII 3 & Ch.165 & Y axis & Hor

Detector Mode : PK



TM2 & U-NII 3 & Ch.165 & X axis & Ver

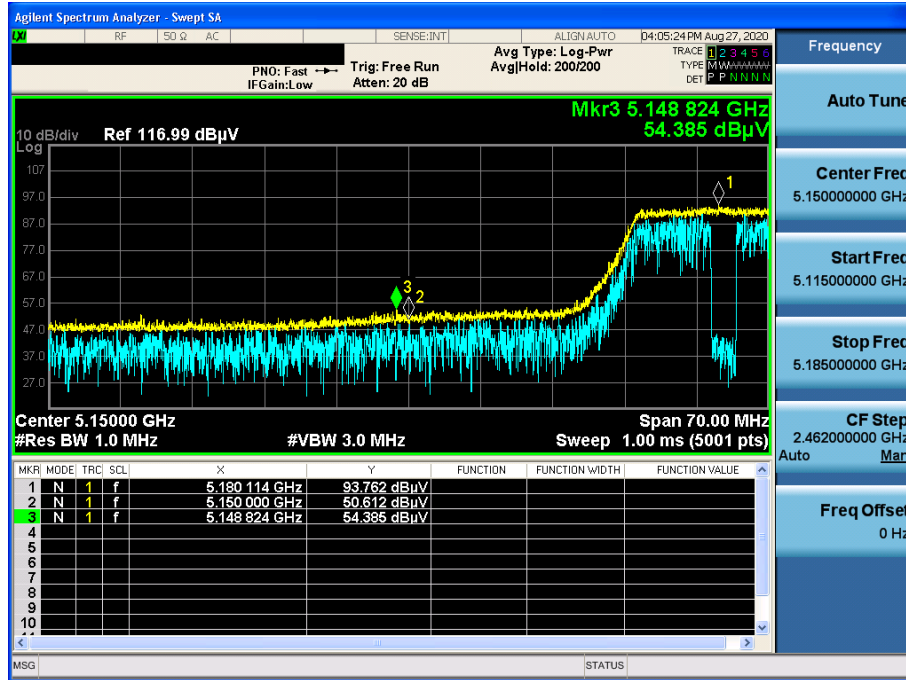
Detector Mode : AV



Unwanted Emissions (Radiated) Test Plot: Wireless Charging

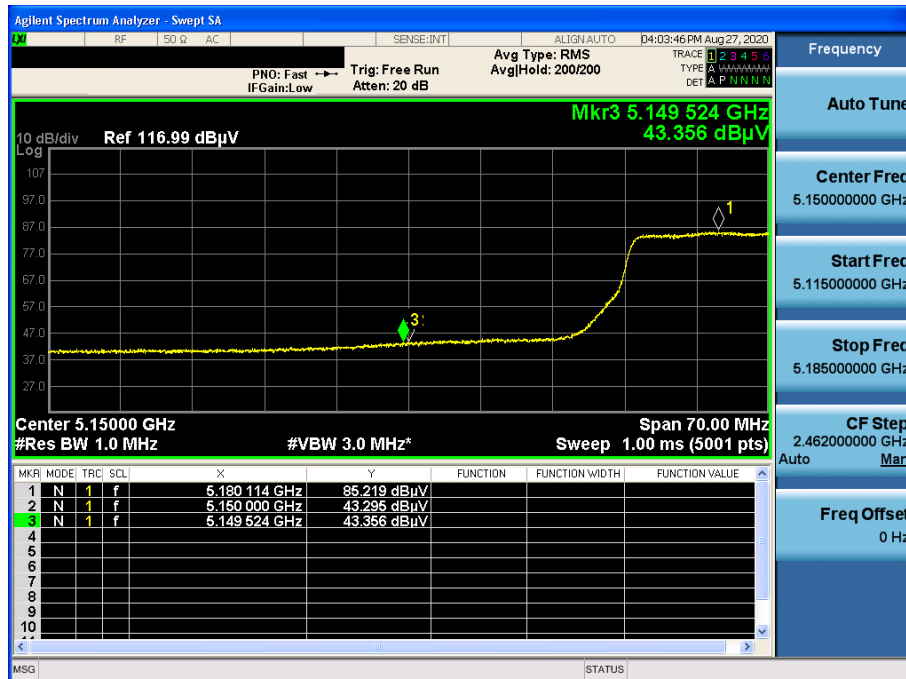
TM3 & U-NII 1 & Ch.38 & X axis & Ver

Detector Mode : PK



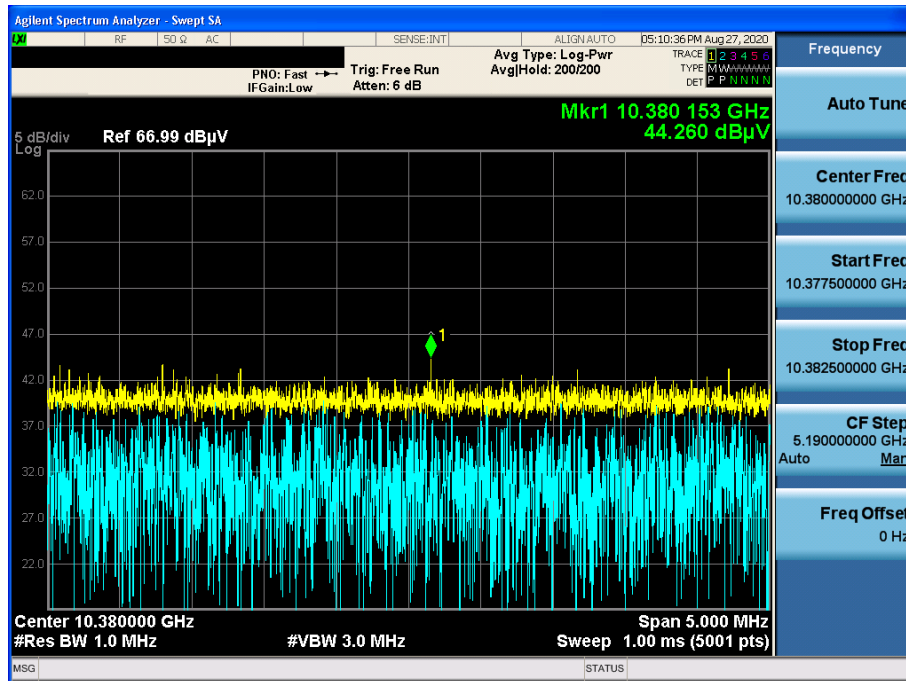
TM3 & U-NII 1 & Ch.38 & X axis & Ver

Detector Mode : AV



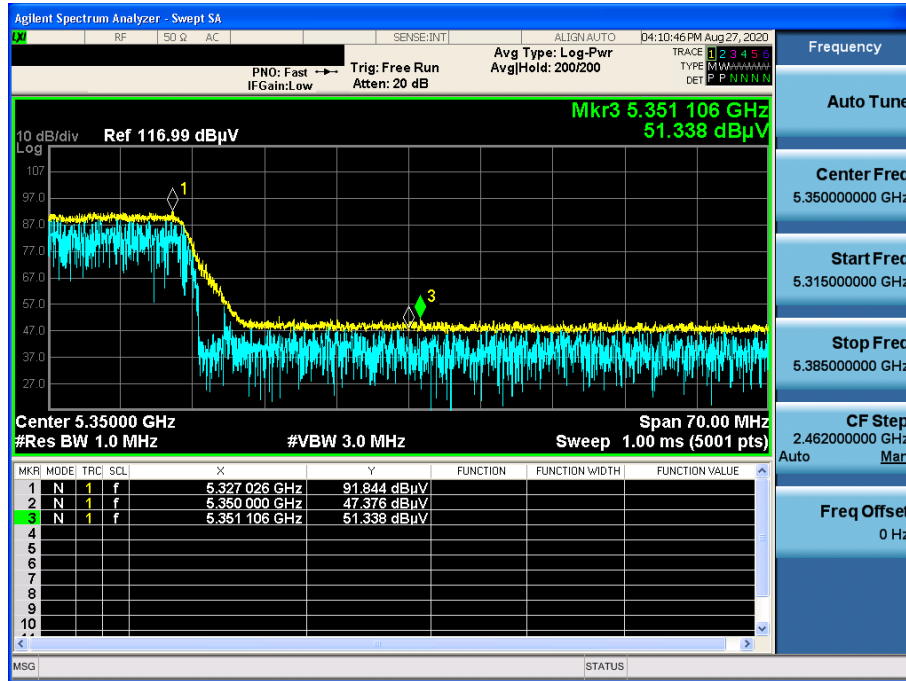
TM3 & U-NII 1 & Ch.38 & X axis & Ver

Detector Mode : PK



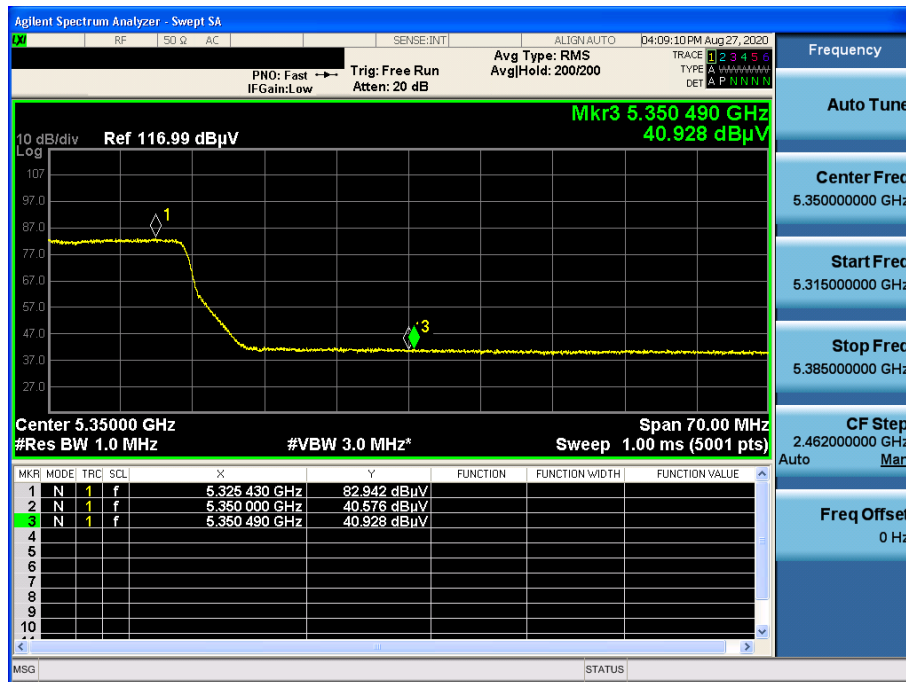
TM3 & U-NII 2A & Ch.62 & X axis & Ver

Detector Mode : PK



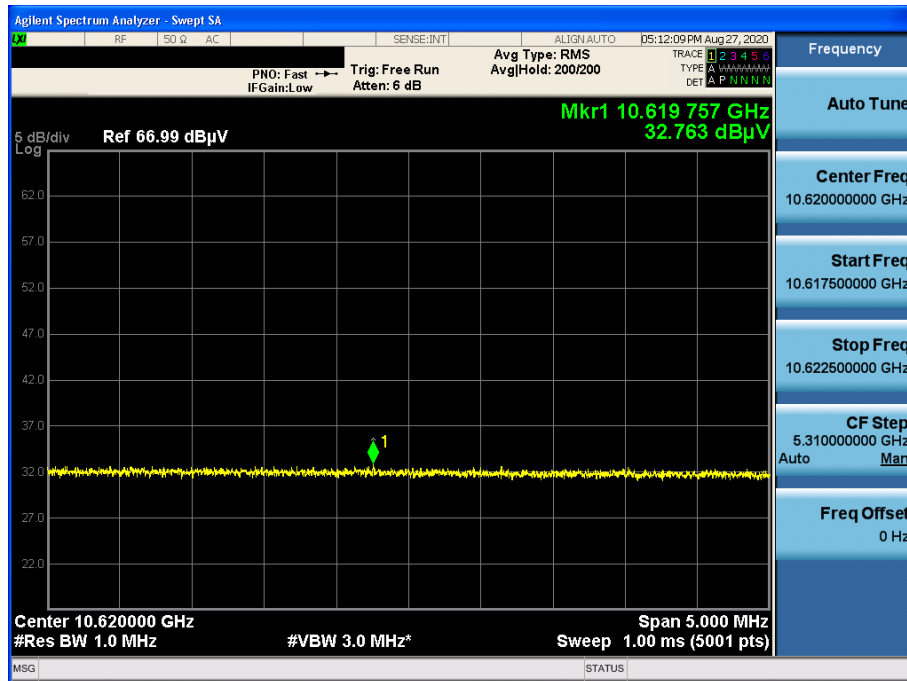
TM3 & U-NII 2A & Ch.62 & X axis & Ver

Detector Mode : AV



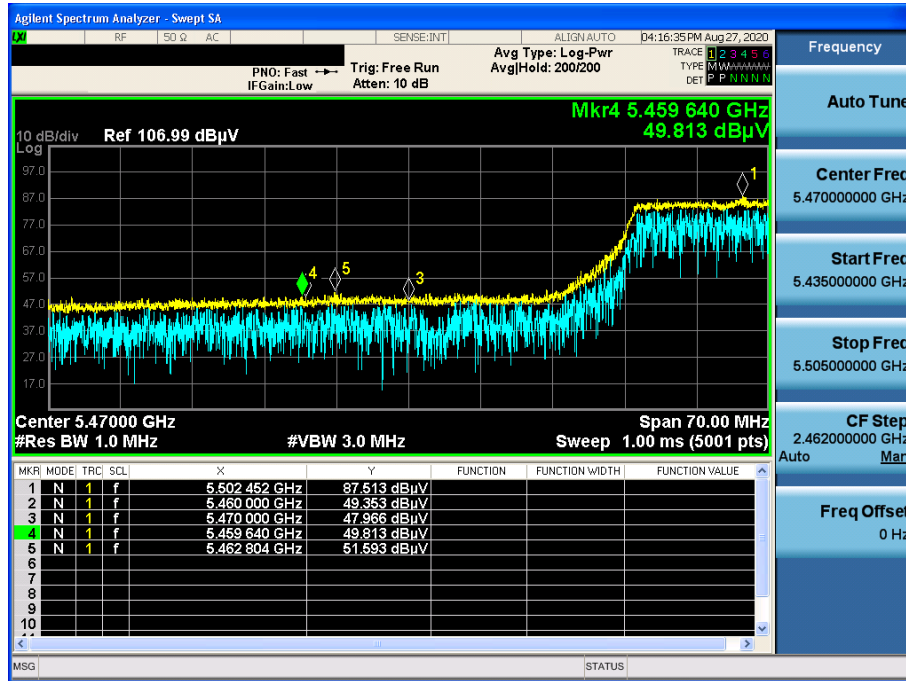
TM3 & U-NII 2A & Ch.62 & X axis & Ver

Detector Mode : AV



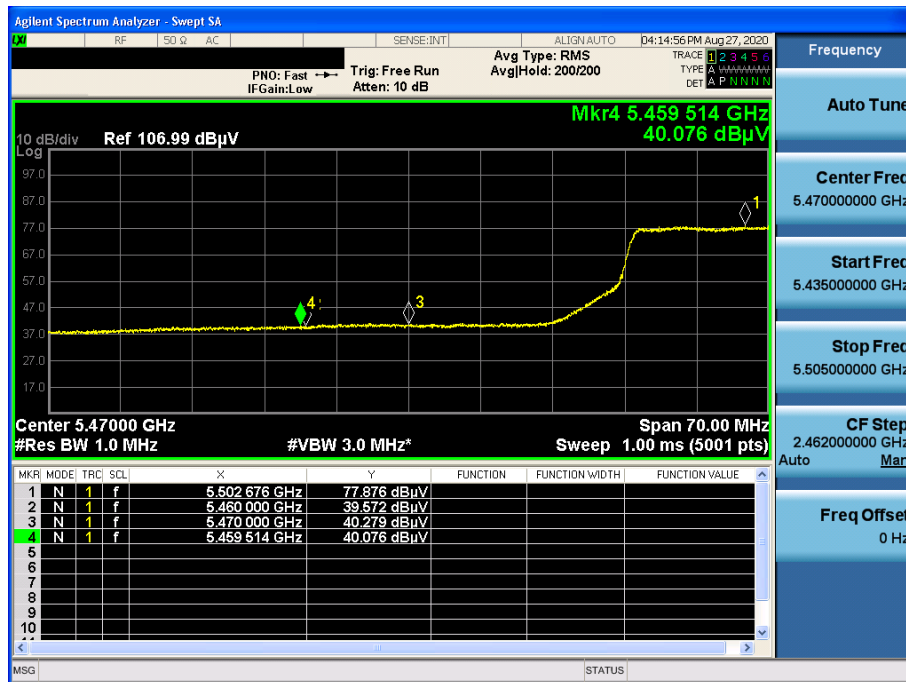
TM4 & U-NII 2C & Ch.106 & X axis & Ver

Detector Mode : PK



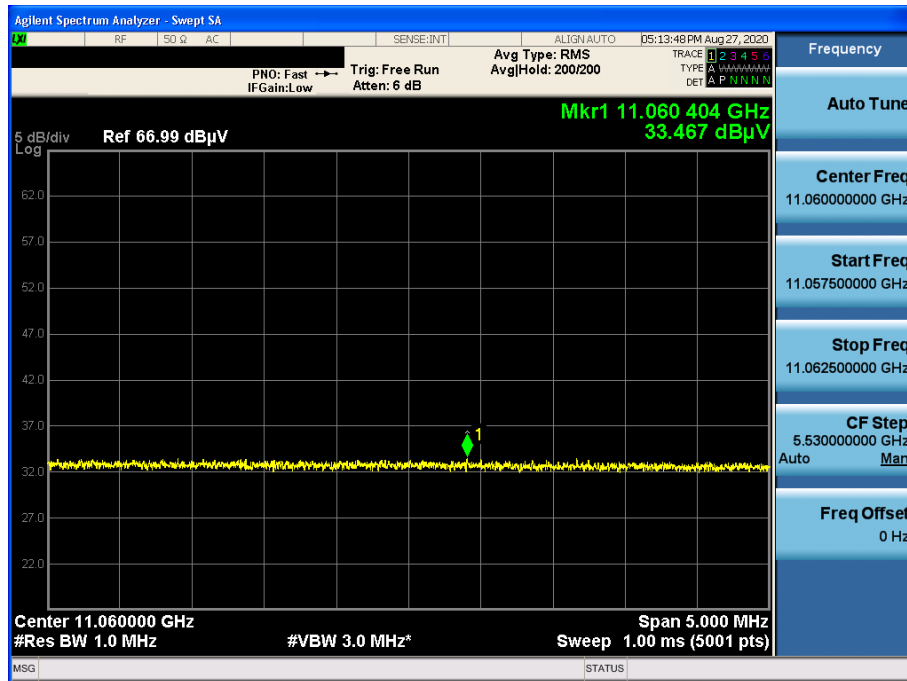
TM4 & U-NII 2C & Ch.106 & X axis & Ver

Detector Mode : AV



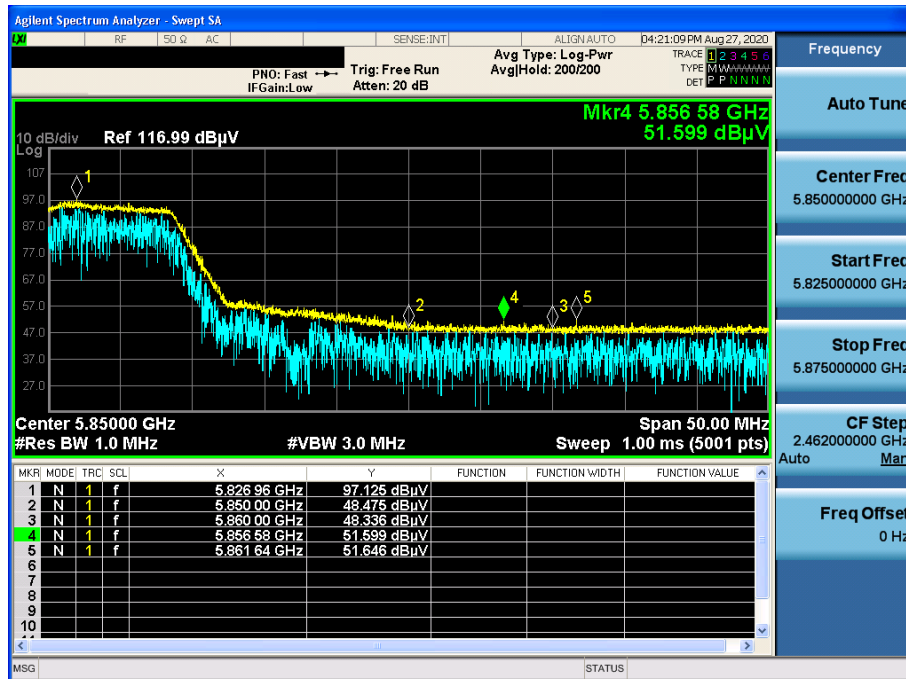
TM4 & U-NII 2C & Ch.106 & X axis & Ver

Detector Mode : AV



TM2 & U-NII 3 & Ch.165 & X axis & Ver

Detector Mode : PK



TM2 & U-NII 3 & Ch.165 & X axis & Ver

Detector Mode : AV

