

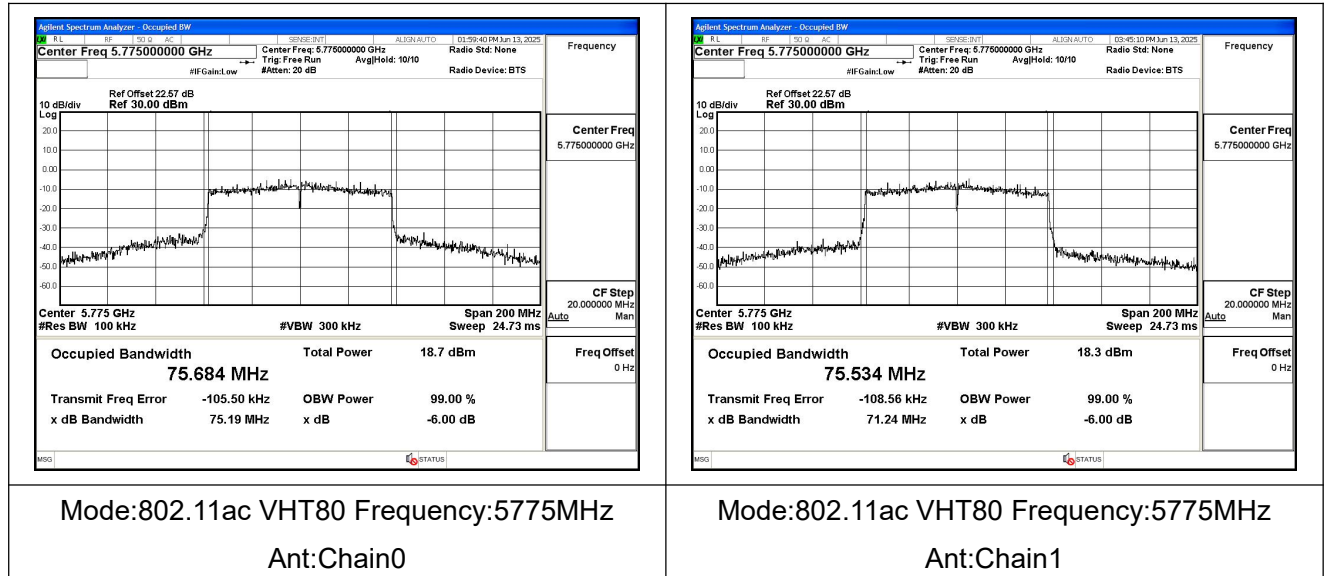


Test Mode: 802.11ac VHT40

<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.755000000 GHz</p> <p>Ref Offset 22.57 dB Ref 30.00 dBm</p> <p>Center 5.755 GHz #Res BW 100 kHz</p> <p>Occupied Bandwidth 35.968 MHz</p> <p>Total Power 19.3 dBm</p> <p>Transmit Freq Error -120.69 kHz</p> <p>x dB Bandwidth 31.18 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p> <p>Frequency 5.755000000 GHz</p> <p>CF Step 10.000000 MHz</p> <p>Sweep 12.4 ms</p> <p>Freq Offset 0 Hz</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.795000000 GHz</p> <p>Ref Offset 22.57 dB Ref 30.00 dBm</p> <p>Center 5.795 GHz #Res BW 100 kHz</p> <p>Occupied Bandwidth 36.109 MHz</p> <p>Total Power 19.1 dBm</p> <p>Transmit Freq Error -100.09 kHz</p> <p>x dB Bandwidth 30.09 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p> <p>Frequency 5.795000000 GHz</p> <p>CF Step 10.000000 MHz</p> <p>Sweep 12.4 ms</p> <p>Freq Offset 0 Hz</p>
<p>Mode:802.11ac VHT40 Frequency:5755MHz</p> <p>Ant:Chain0</p>	<p>Mode:802.11ac VHT40 Frequency:5795MHz</p> <p>Ant:Chain0</p>
<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.755000000 GHz</p> <p>Ref Offset 22.57 dB Ref 30.00 dBm</p> <p>Center 5.755 GHz #Res BW 100 kHz</p> <p>Occupied Bandwidth 36.051 MHz</p> <p>Total Power 19.4 dBm</p> <p>Transmit Freq Error -50.482 kHz</p> <p>x dB Bandwidth 34.13 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p> <p>Frequency 5.755000000 GHz</p> <p>CF Step 10.000000 MHz</p> <p>Sweep 12.4 ms</p> <p>Freq Offset 0 Hz</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.795000000 GHz</p> <p>Ref Offset 22.57 dB Ref 30.00 dBm</p> <p>Center 5.795 GHz #Res BW 100 kHz</p> <p>Occupied Bandwidth 35.992 MHz</p> <p>Total Power 19.2 dBm</p> <p>Transmit Freq Error -70.439 kHz</p> <p>x dB Bandwidth 33.55 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p> <p>Frequency 5.795000000 GHz</p> <p>CF Step 10.000000 MHz</p> <p>Sweep 12.4 ms</p> <p>Freq Offset 0 Hz</p>
<p>Mode:802.11ac VHT40 Frequency:5755MHz</p> <p>Ant:Chain1</p>	<p>Mode:802.11ac VHT40 Frequency:5795MHz</p> <p>Ant:Chain1</p>



Test Mode: 802.11ac VHT80





## DUTY CYCLE

## TEST RESULT

U-NII-1

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	5180	99.97%	0	Fig.1
802.11a	5180	99.92%	0	Fig.2
802.11n HT20	5180	99.96%	0	Fig.3
802.11n HT20	5180	99.94%	0	Fig.4
802.11ac VHT20	5180	99.95%	0	Fig.5
802.11ac VHT20	5180	99.97%	0	Fig.6
802.11n HT40	5190	99.92%	0	Fig.7
802.11n HT40	5190	99.93%	0	Fig.8
802.11ac VHT40	5190	99.94%	0	Fig.9
802.11ac VHT40	5190	99.90%	0	Fig.10
802.11ac VHT80	5210	99.83%	0	Fig.11
802.11ac VHT80	5210	99.85%	0	Fig.12

Note: Correction Factor= $10 \cdot \log(1/\text{Duty Cycle})$

**U-NII-2A**

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	5260	99.96%	0	Fig.1
802.11a	5260	99.95%	0	Fig.2
802.11n HT20	5260	99.96%	0	Fig.3
802.11n HT20	5260	99.97%	0	Fig.4
802.11ac VHT20	5260	99.97%	0	Fig.5
802.11ac VHT20	5260	99.95%	0	Fig.6
802.11n HT40	5270	99.92%	0	Fig.7
802.11n HT40	5270	99.91%	0	Fig.8
802.11ac VHT40	5270	99.93%	0	Fig.9
802.11ac VHT40	5270	99.93%	0	Fig.10
802.11ac VHT80	5290	99.89%	0	Fig.11
802.11ac VHT80	5290	99.87%	0	Fig.12

Note: Correction Factor= $10 \cdot \log(1/\text{Duty Cycle})$



## U-NII-2C

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	5500	99.95%	0	Fig.1
802.11a	5500	99.95%	0	Fig.2
802.11n HT20	5500	99.95%	0	Fig.3
802.11n HT20	5500	99.94%	0	Fig.4
802.11ac VHT20	5500	99.93%	0	Fig.5
802.11ac VHT20	5500	99.93%	0	Fig.6
802.11n HT40	5510	99.89%	0	Fig.7
802.11n HT40	5510	99.87%	0	Fig.8
802.11ac VHT40	5510	99.89%	0	Fig.9
802.11ac VHT40	5510	99.88%	0	Fig.10
802.11ac VHT80	5530	99.76%	0	Fig.11
802.11ac VHT80	5530	99.78%	0	Fig.12

Note: Correction Factor= $10 \cdot \log(1/\text{Duty Cycle})$

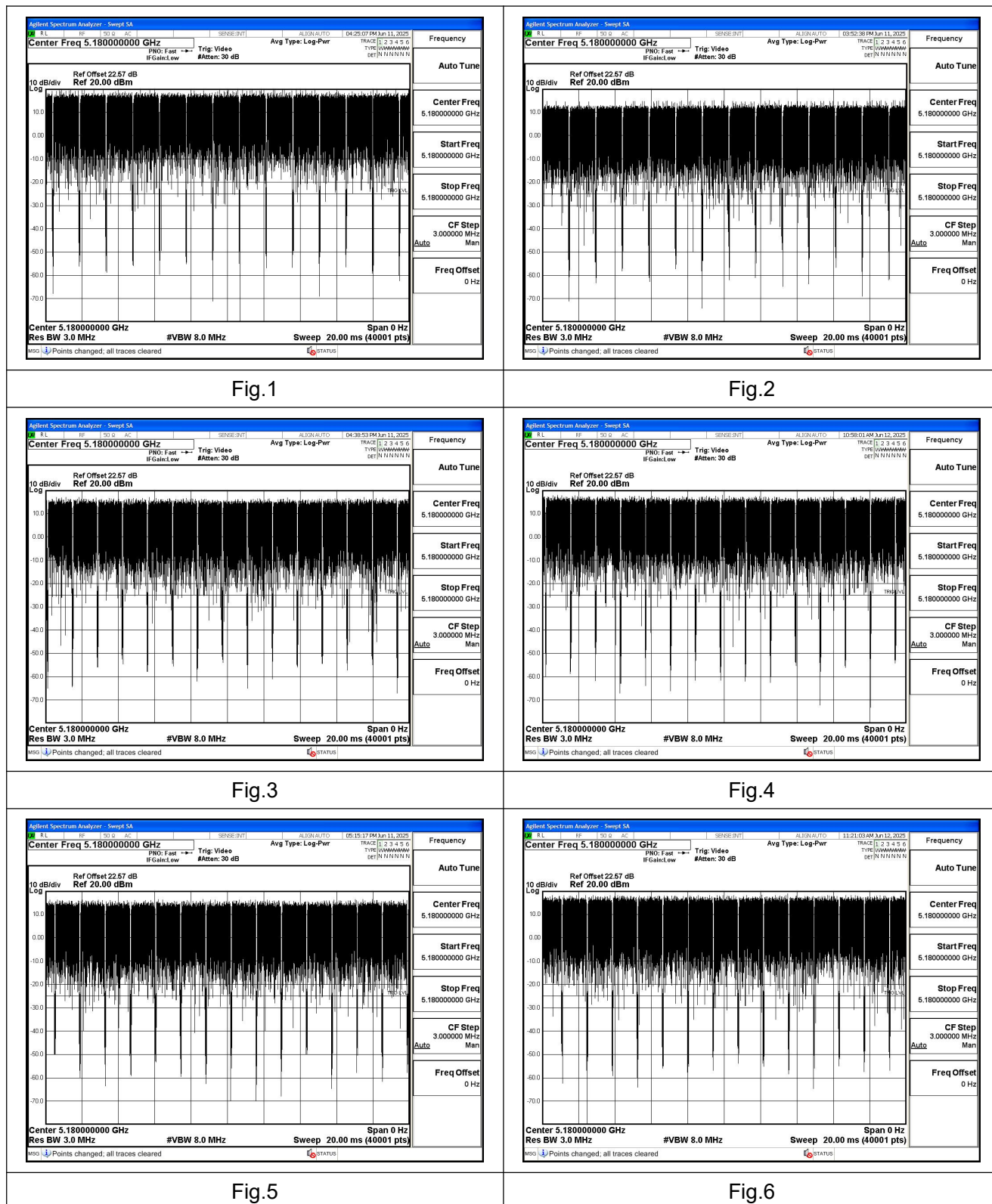
**U-NII-3**

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)	Plot
802.11a	5745	99.95%	0	Fig.1
802.11a	5745	99.92%	0	Fig.2
802.11n HT20	5745	99.94%	0	Fig.3
802.11n HT20	5745	99.94%	0	Fig.4
802.11ac VHT20	5745	99.93%	0	Fig.5
802.11ac VHT20	5745	99.96%	0	Fig.6
802.11n HT40	5755	99.86%	0	Fig.7
802.11n HT40	5755	99.85%	0	Fig.8
802.11ac VHT40	5755	99.87%	0	Fig.9
802.11ac VHT40	5755	99.89%	0	Fig.10
802.11ac VHT80	5775	99.80%	0	Fig.11
802.11ac VHT80	5775	99.74%	0	Fig.12

Note: Correction Factor=10\*log (1/Duty Cycle)

## TEST GRAPHS

U-NII-1





BUREAU  
VERITAS

Test Report No.: PSU-NQN2506100110RF03

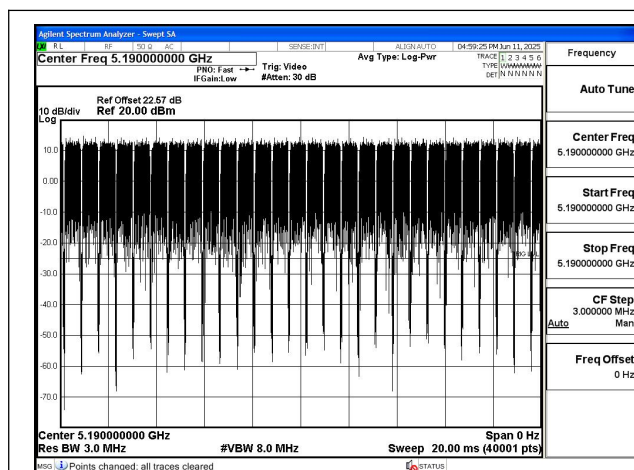


Fig.7

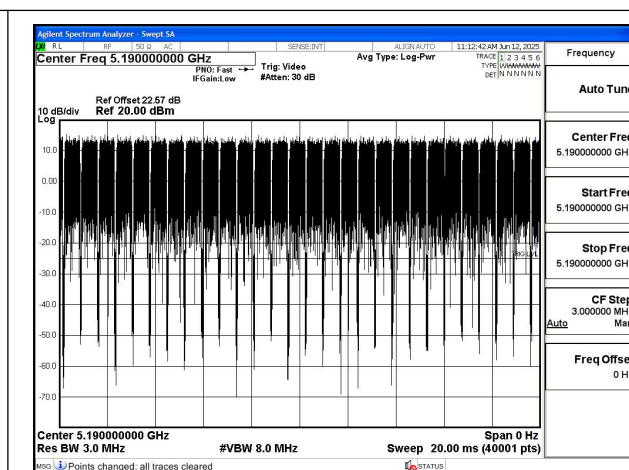


Fig.8

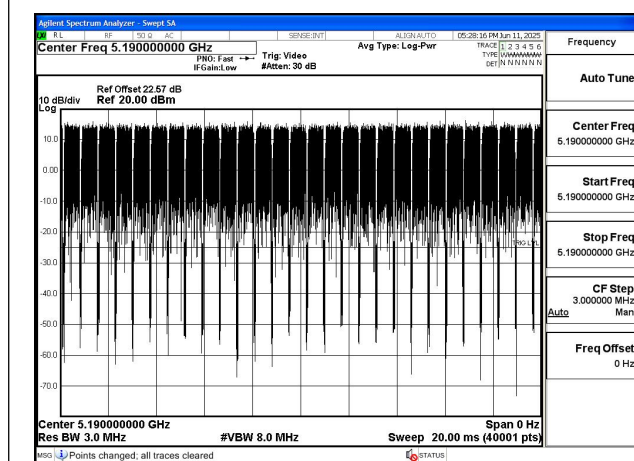


Fig.9

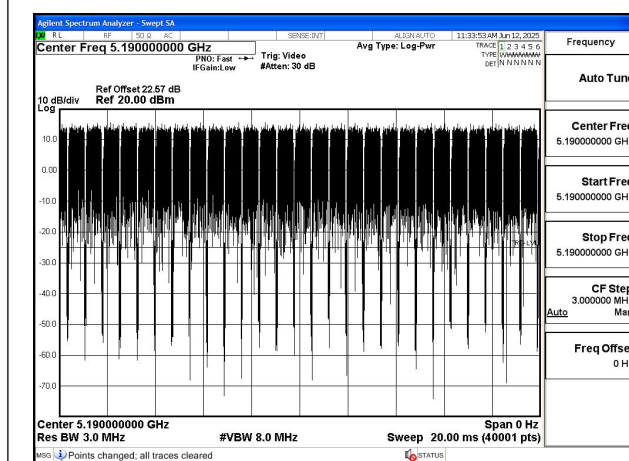


Fig.10

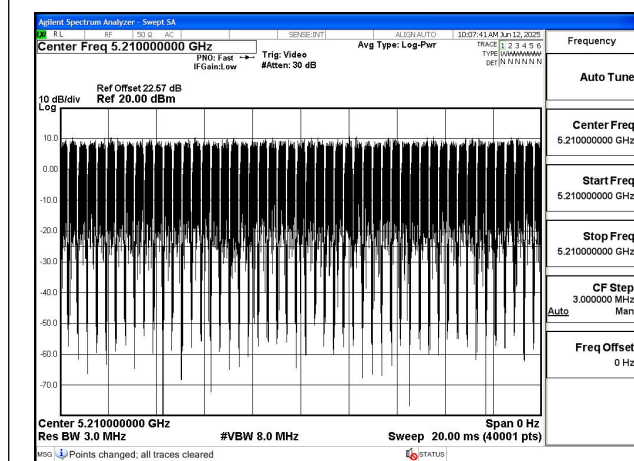


Fig.11

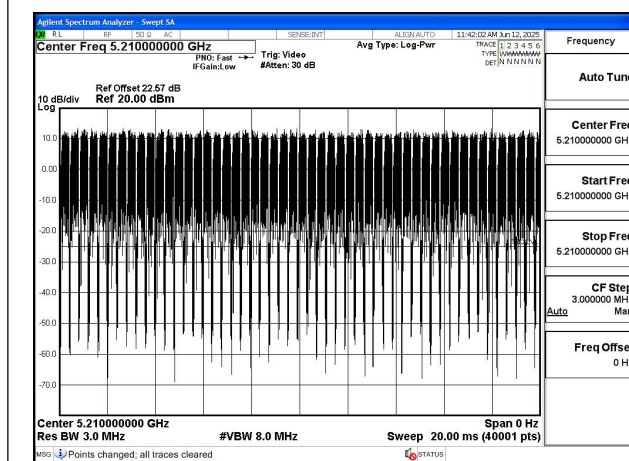
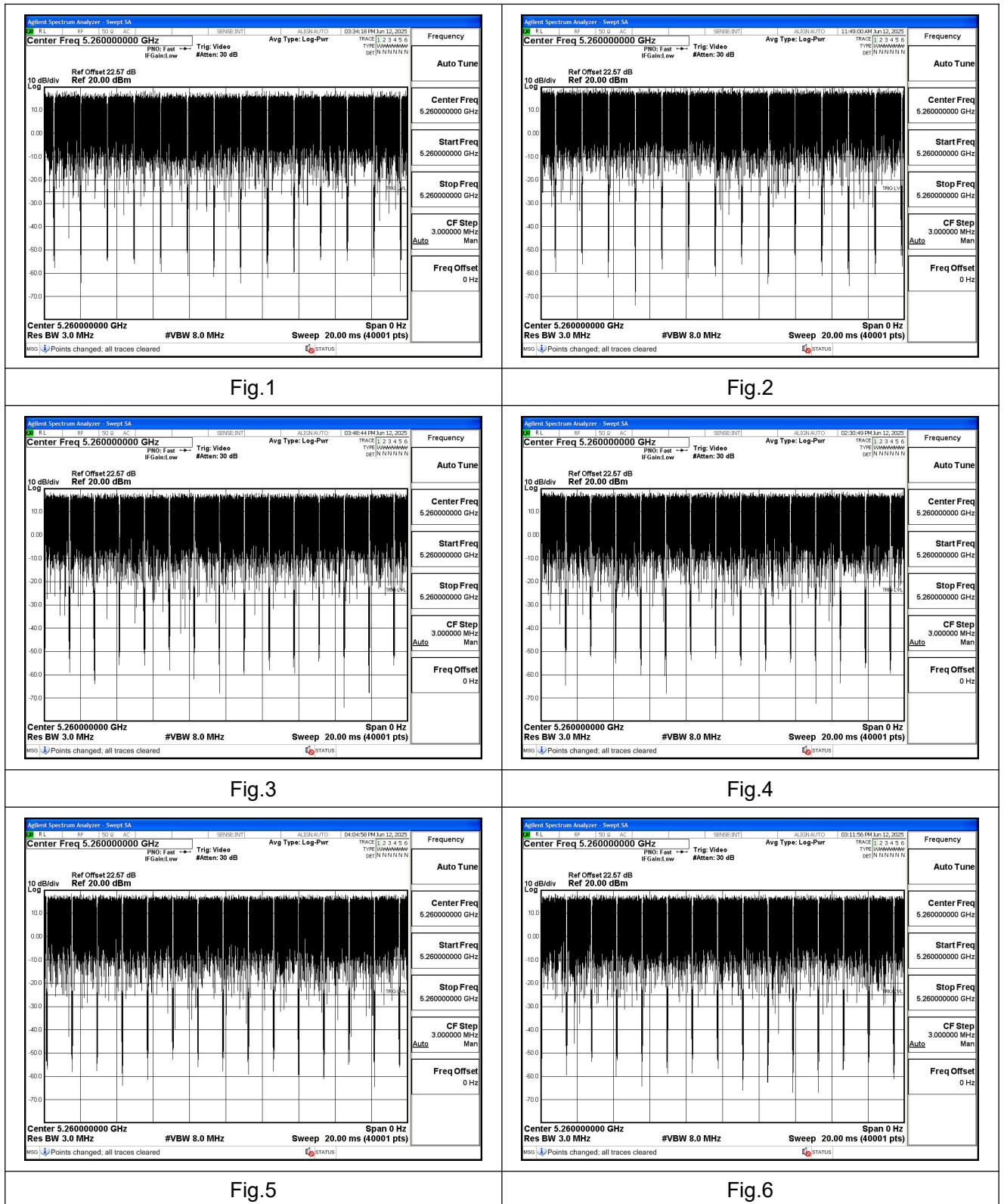


Fig.12



U-NII-2A





BUREAU  
VERITAS

Test Report No.: PSU-NQN2506100110RF03

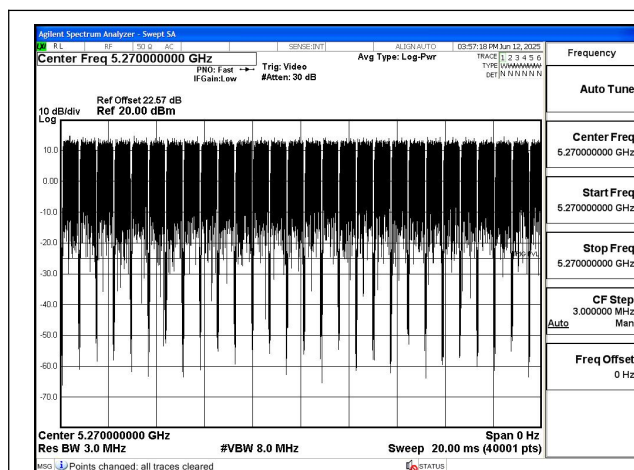


Fig.7

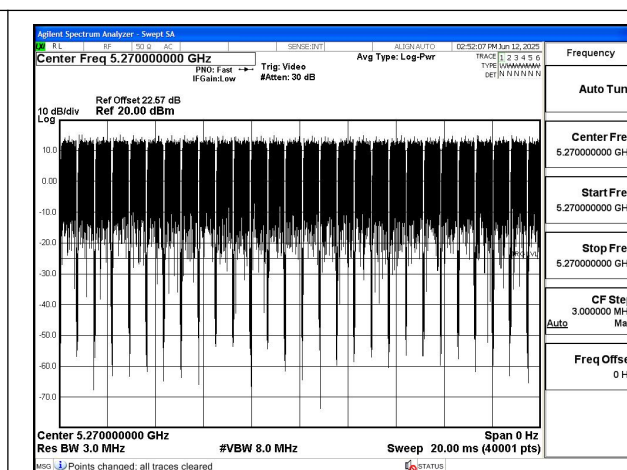


Fig.8

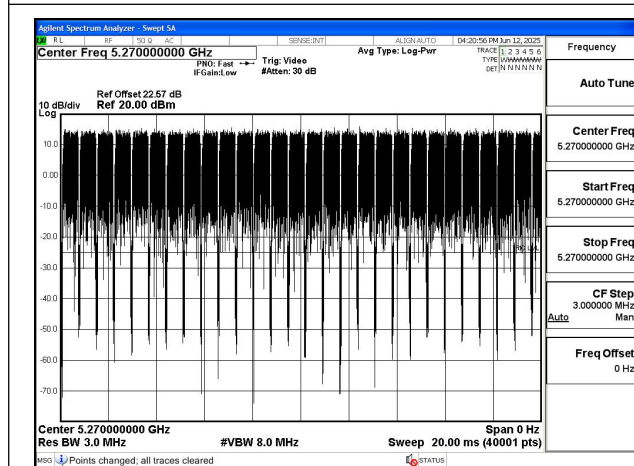


Fig.9

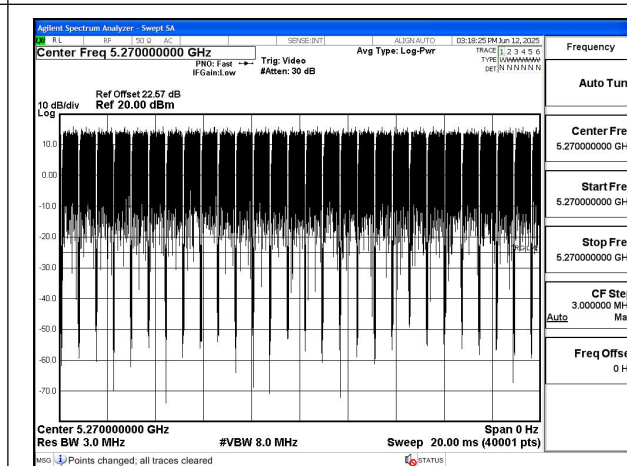


Fig.10

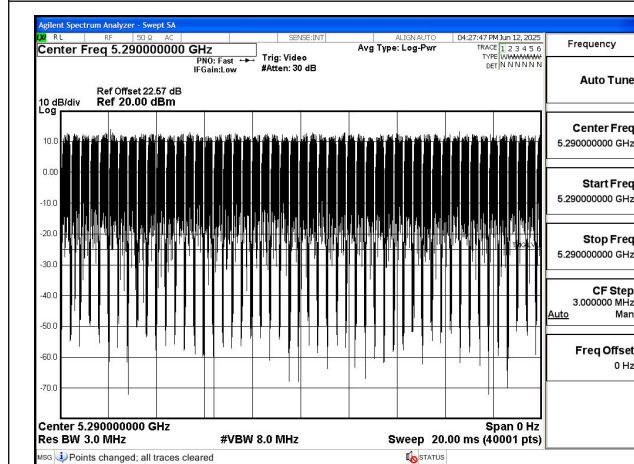


Fig.11

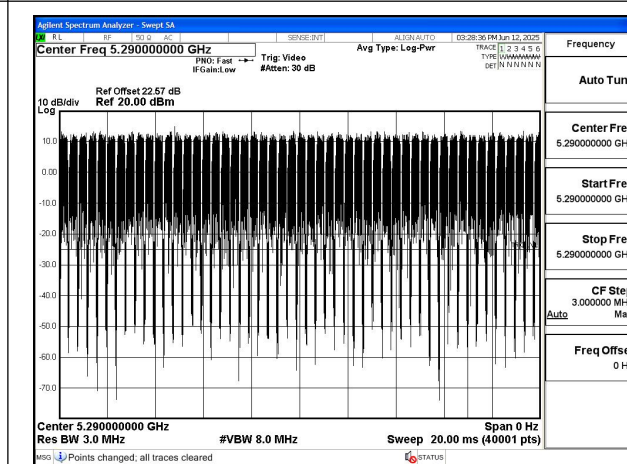


Fig.12

## U-NII-2C

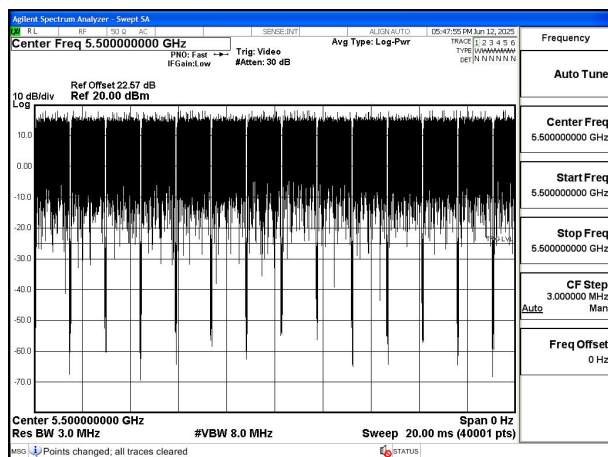


Fig.1

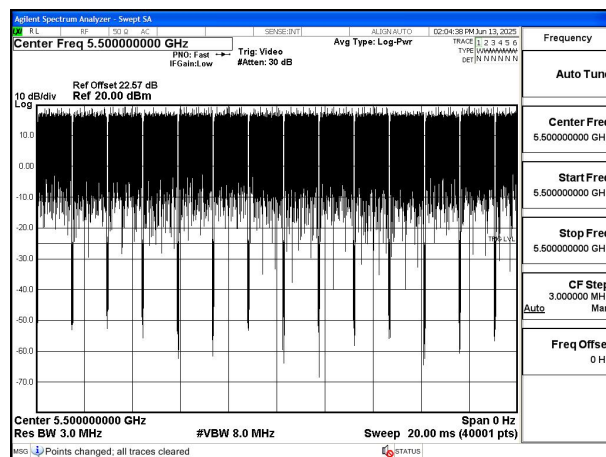


Fig.2

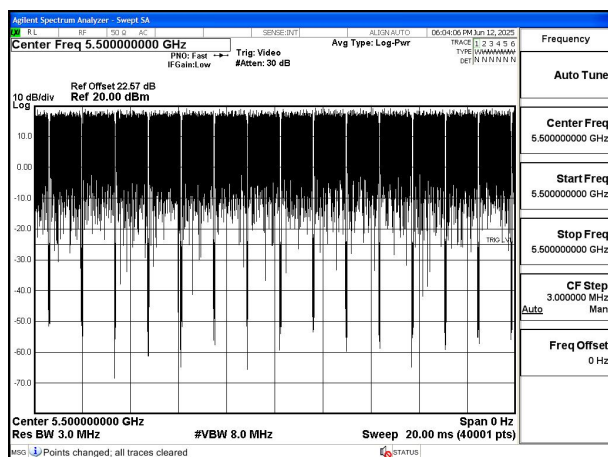


Fig.3

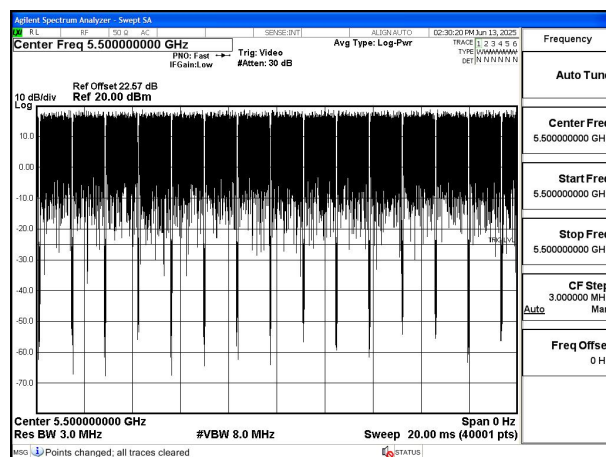


Fig.4

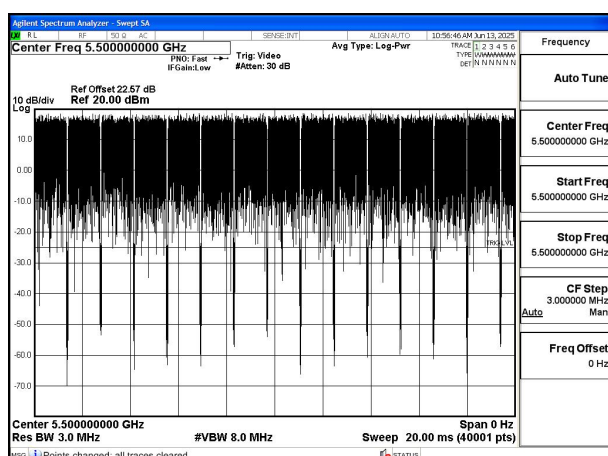


Fig.5

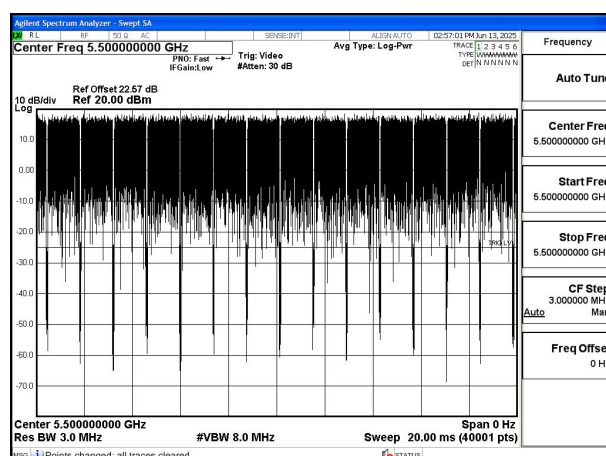


Fig.6