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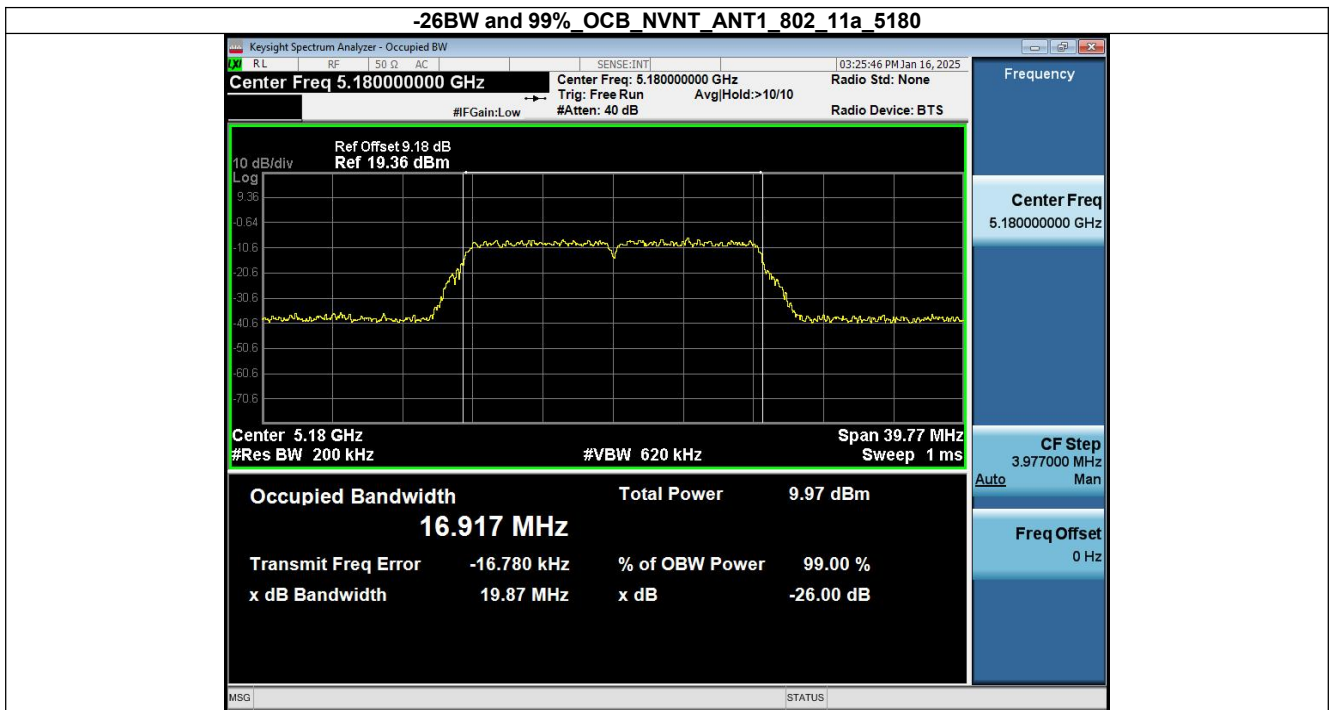
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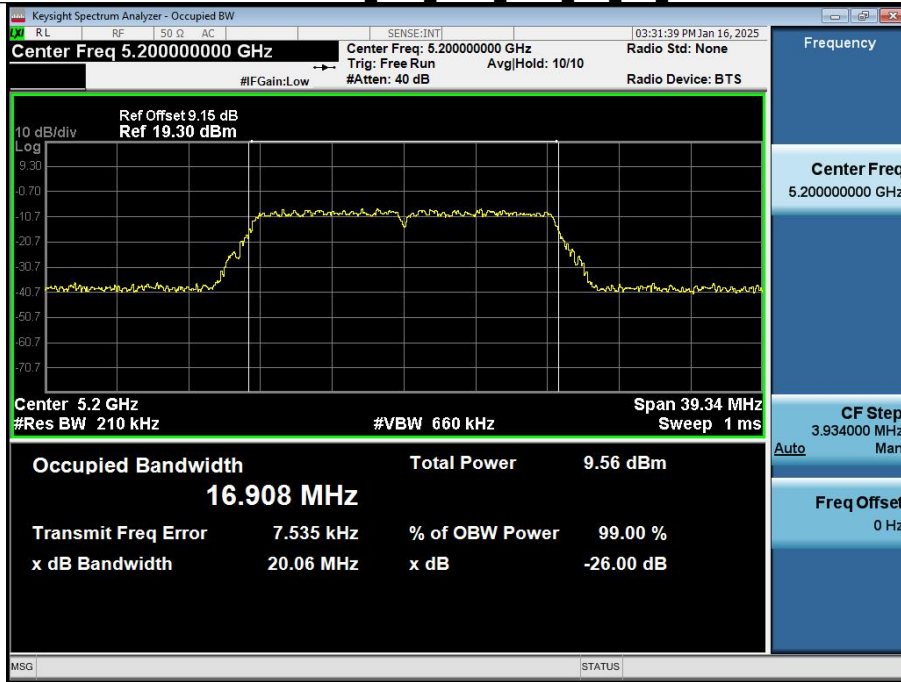
FCC_5.2G_WIFI (Part15.407) Test Data

1. -26dB and 99% Emission Bandwidth

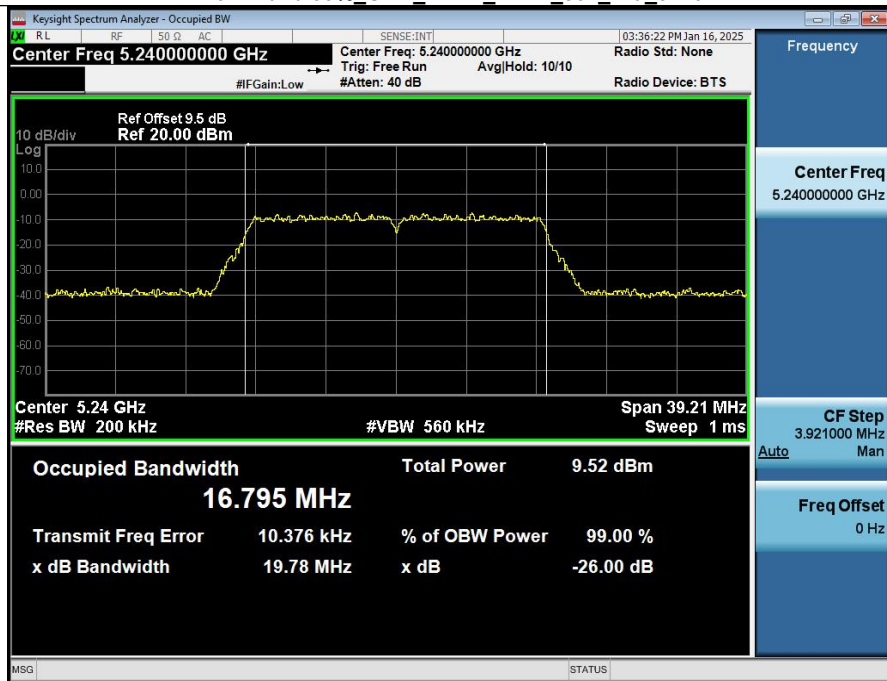
Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	19.87	16.917
NVNT	ANT1	802.11a	5200.00	20.06	16.908
NVNT	ANT1	802.11a	5240.00	19.78	16.795
NVNT	ANT1	802.11n(HT20)	5180.00	20.06	17.807
NVNT	ANT1	802.11n(HT20)	5200.00	20.14	17.811
NVNT	ANT1	802.11n(HT20)	5240.00	19.99	17.818
NVNT	ANT1	802.11ac(VHT20)	5180.00	20.04	17.824
NVNT	ANT1	802.11ac(VHT20)	5200.00	20.27	17.797
NVNT	ANT1	802.11ac(VHT20)	5240.00	20.17	17.806
NVNT	ANT1	802.11n(HT40)	5190.00	53.42	36.350
NVNT	ANT1	802.11n(HT40)	5230.00	54.32	36.348
NVNT	ANT1	802.11ac(VHT40)	5190.00	68.36	36.700
NVNT	ANT1	802.11ac(VHT40)	5230.00	40.42	36.359



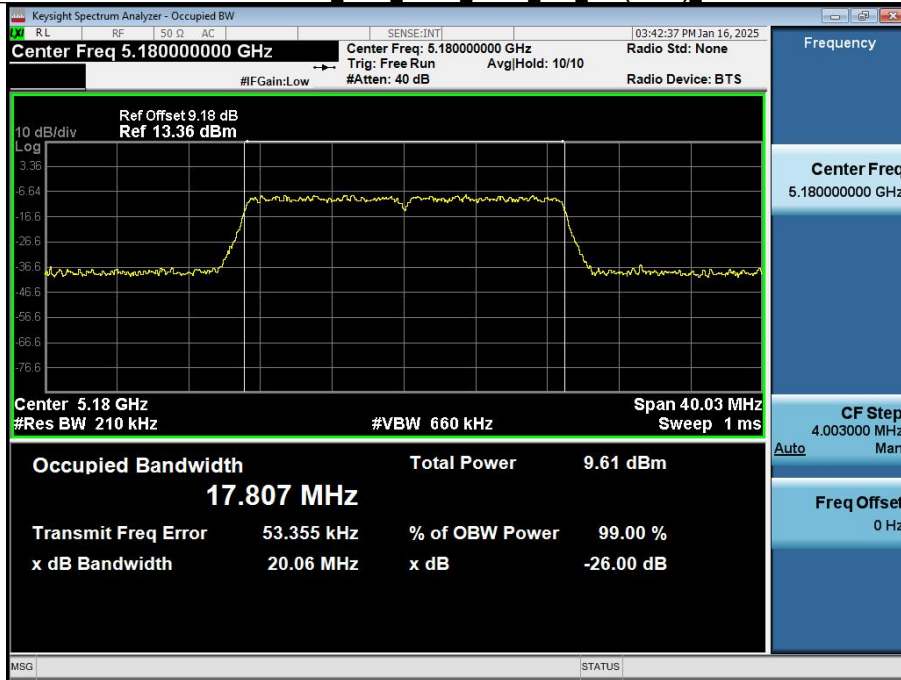
-26BW and 99%_OCB_NVNT_ANT1_802_11a_5200



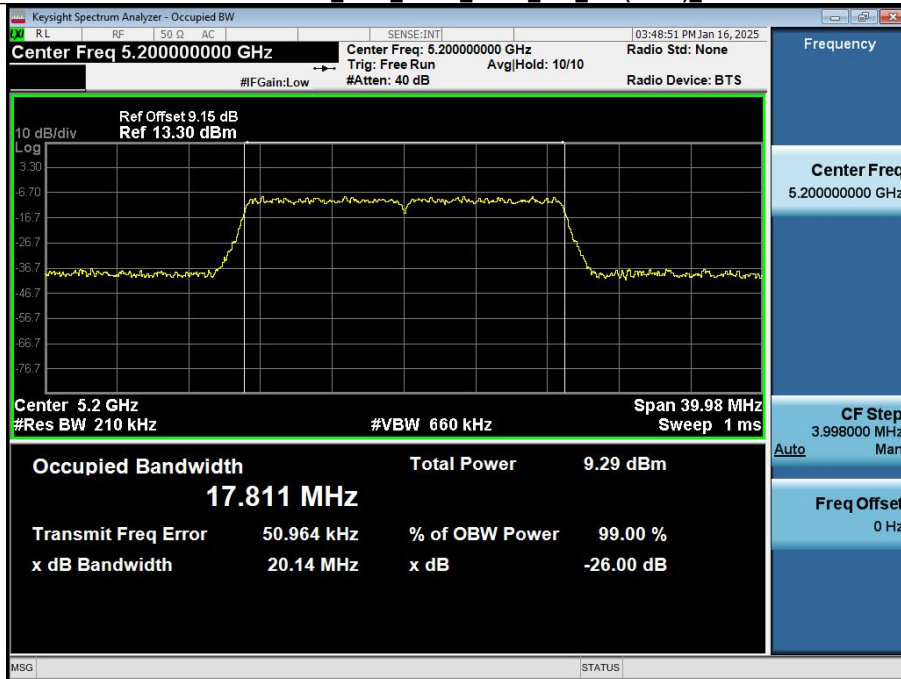
-26BW and 99%_OCB_NVNT_ANT1_802_11a_5240



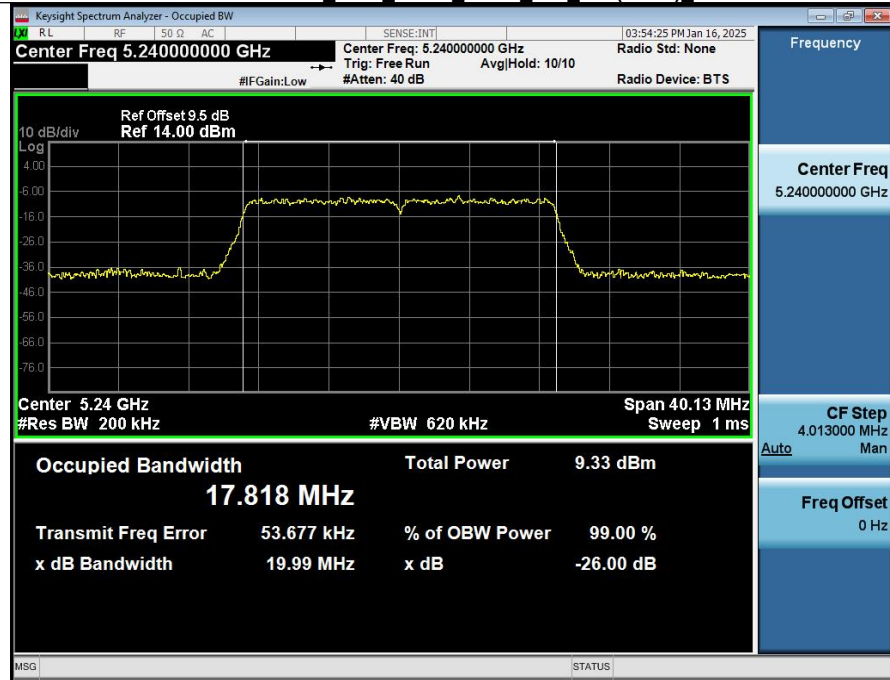
-26BW and 99% OCB NVNT ANT1_802_11n(HT20)_5180



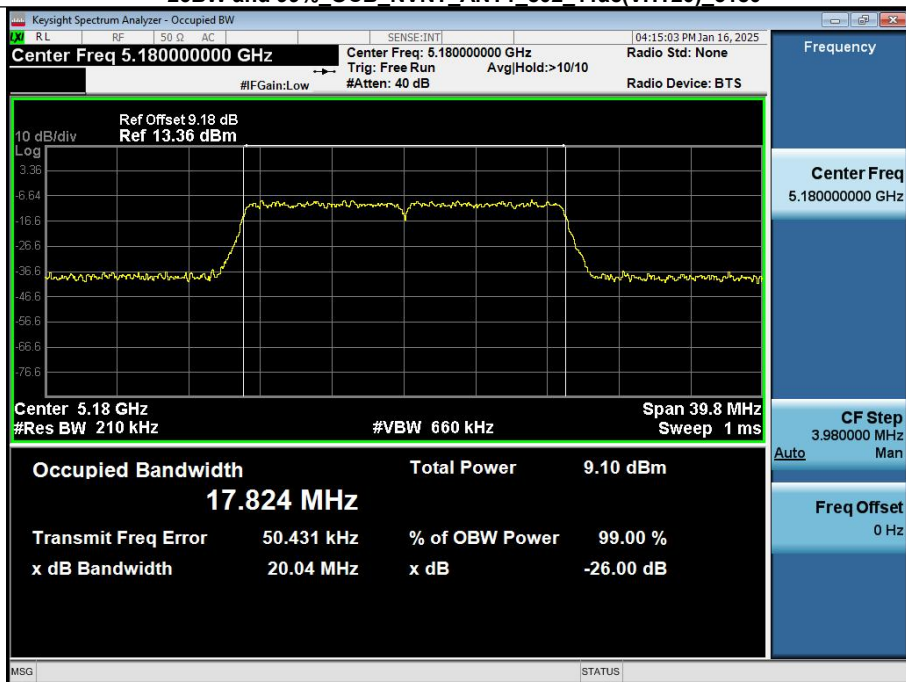
-26BW and 99% OCB NVNT ANT1_802_11n(HT20)_5200



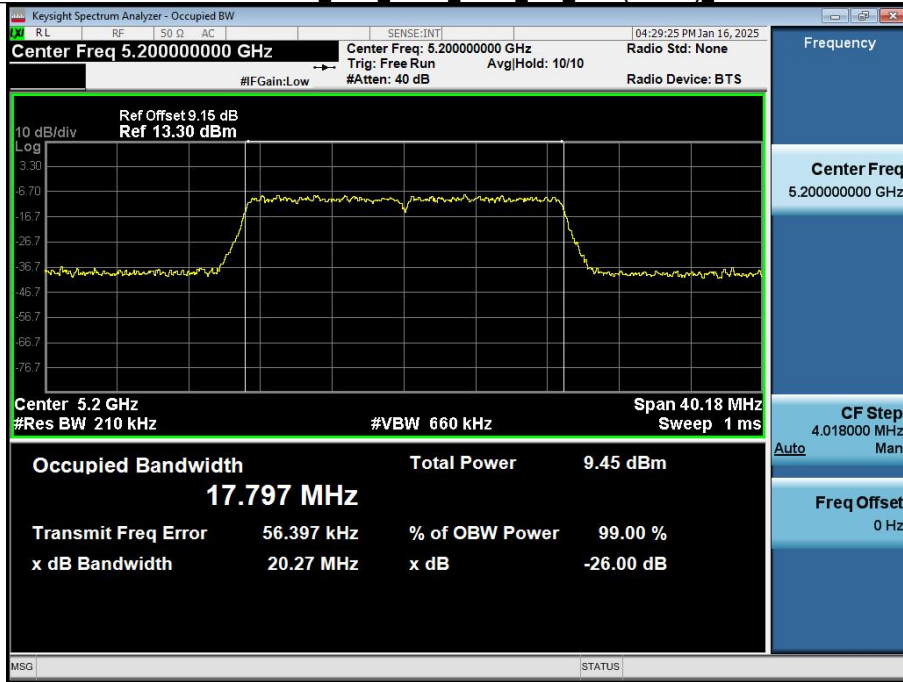
-26BW and 99% OCB NVNT ANT1 802 11n(HT20) 5240



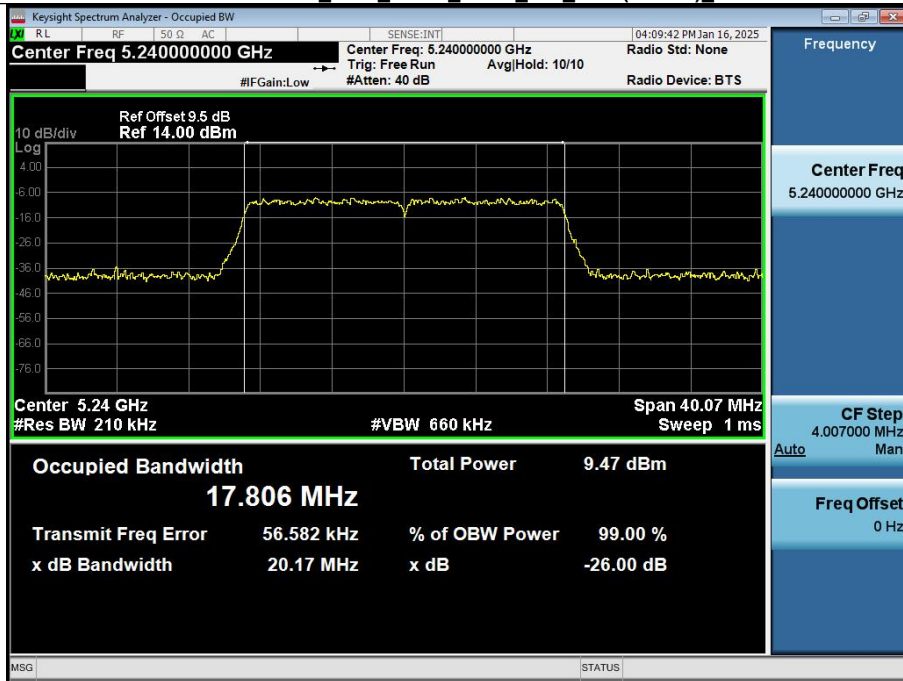
-26BW and 99% OCB NVNT ANT1 802 11ac(VHT20) 5180



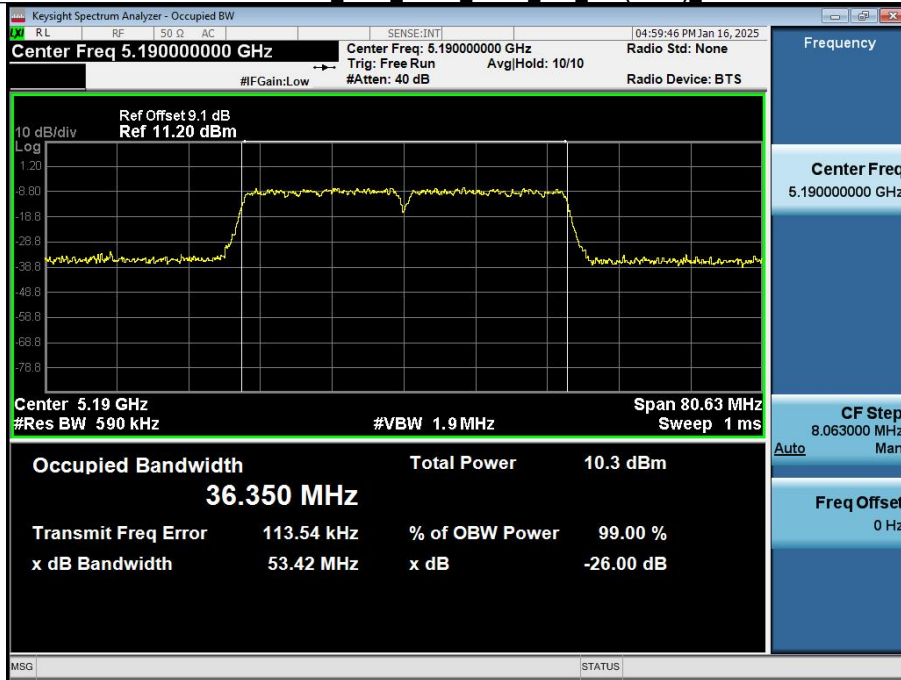
-26BW and 99% OCB NVNT_ANT1_802_11ac(VHT20)_5200



-26BW and 99% OCB_NVNT_ANT1_802_11ac(VHT20)_5240



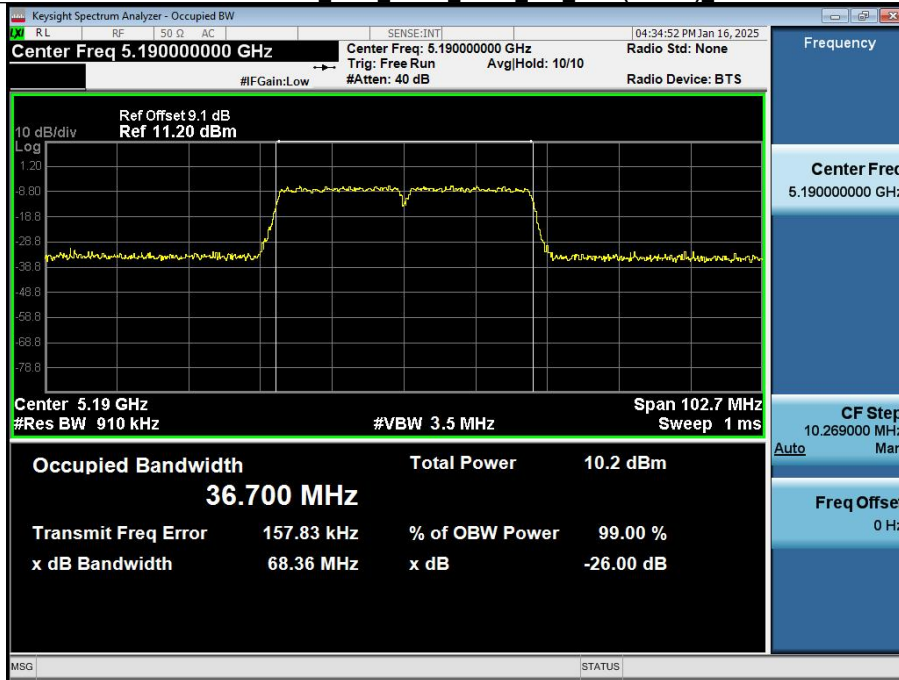
-26BW and 99% OCB NVNT ANT1_802_11n(HT40)_5190



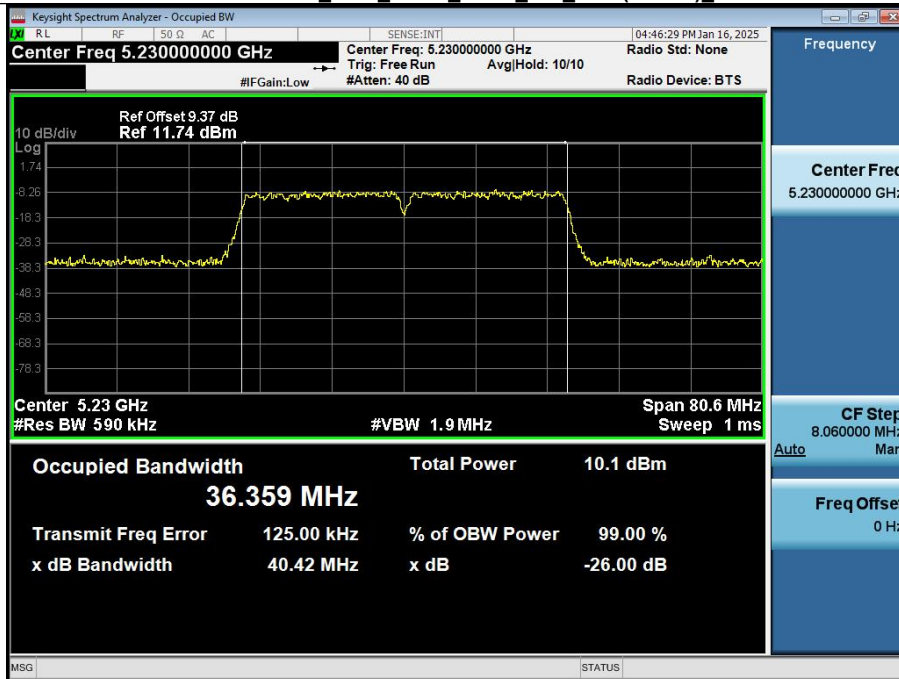
-26BW and 99% OCB NVNT ANT1_802_11n(HT40)_5230



-26BW and 99% OCB NVNT_ANT1_802_11ac(VHT40)_5190

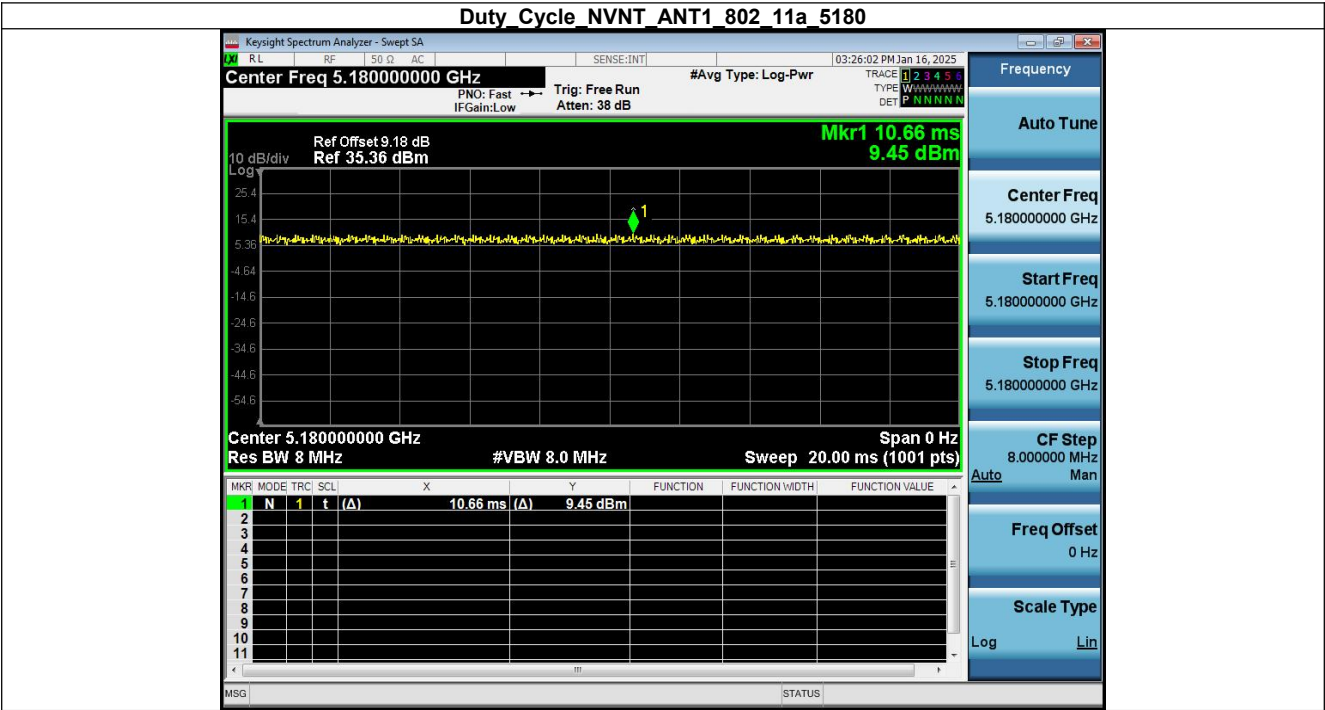


-26BW and 99% OCB_NVNT_ANT1_802_11ac(VHT40)_5230

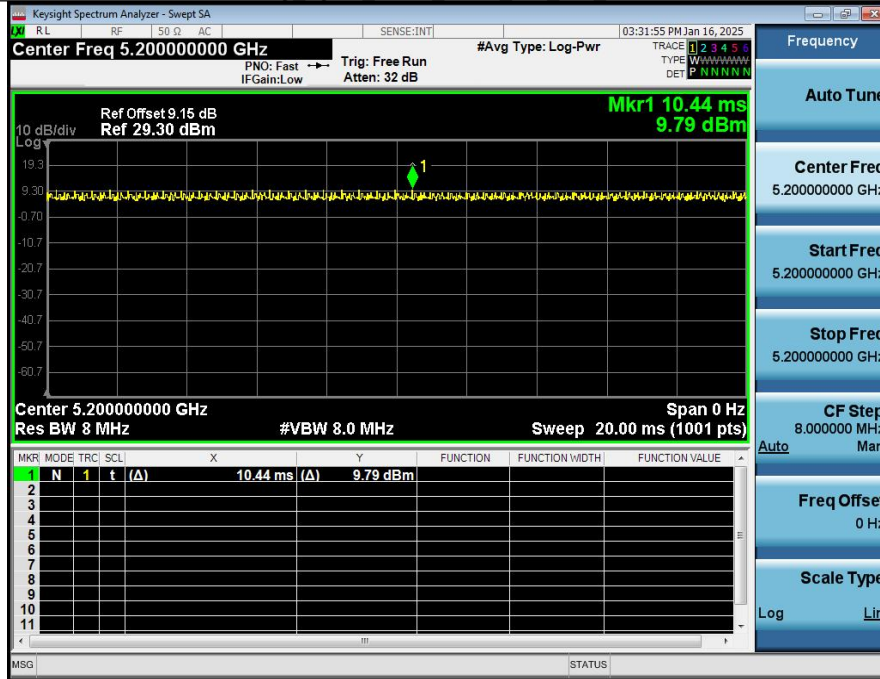


2. Duty Cycle

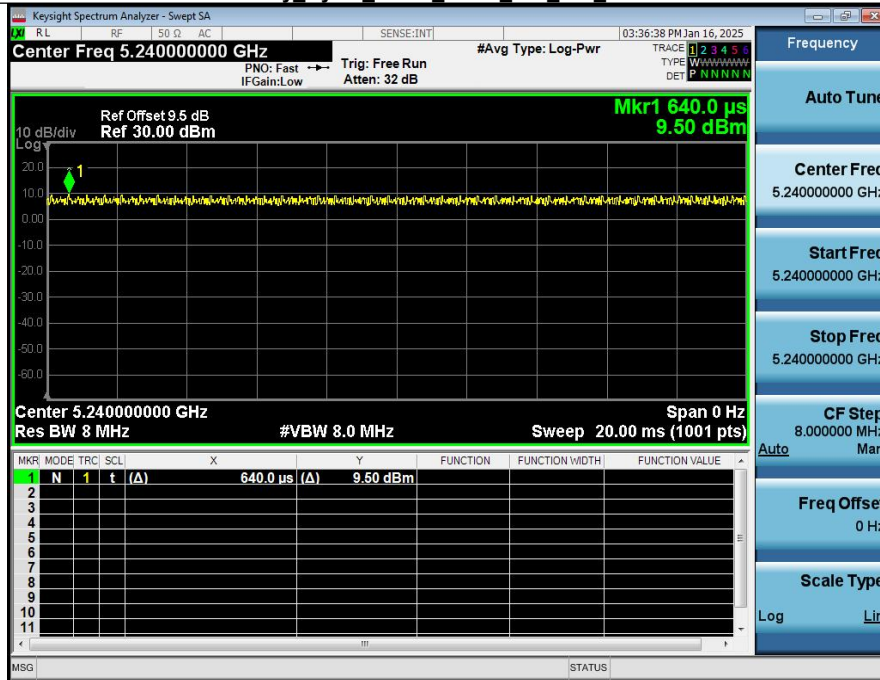
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	100	0.00
NVNT	ANT1	802.11a	5200.00	100	0.00
NVNT	ANT1	802.11a	5240.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5180.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5200.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5240.00	100	0.00
NVNT	ANT1	802.11ac(VHT20)	5180.00	100	0.00
NVNT	ANT1	802.11ac(VHT20)	5200.00	100	0.00
NVNT	ANT1	802.11ac(VHT20)	5240.00	100	0.00
NVNT	ANT1	802.11n(HT40)	5190.00	100	0.00
NVNT	ANT1	802.11n(HT40)	5230.00	100	0.00
NVNT	ANT1	802.11ac(VHT40)	5190.00	100	0.00
NVNT	ANT1	802.11ac(VHT40)	5230.00	100	0.00



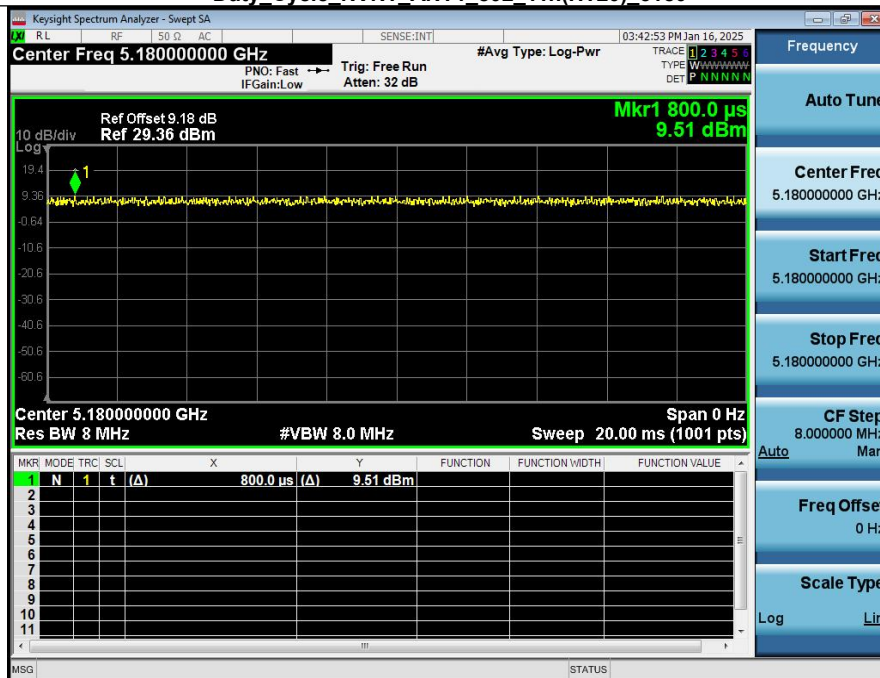
Duty Cycle NVNT_ANT1_802_11a_5200



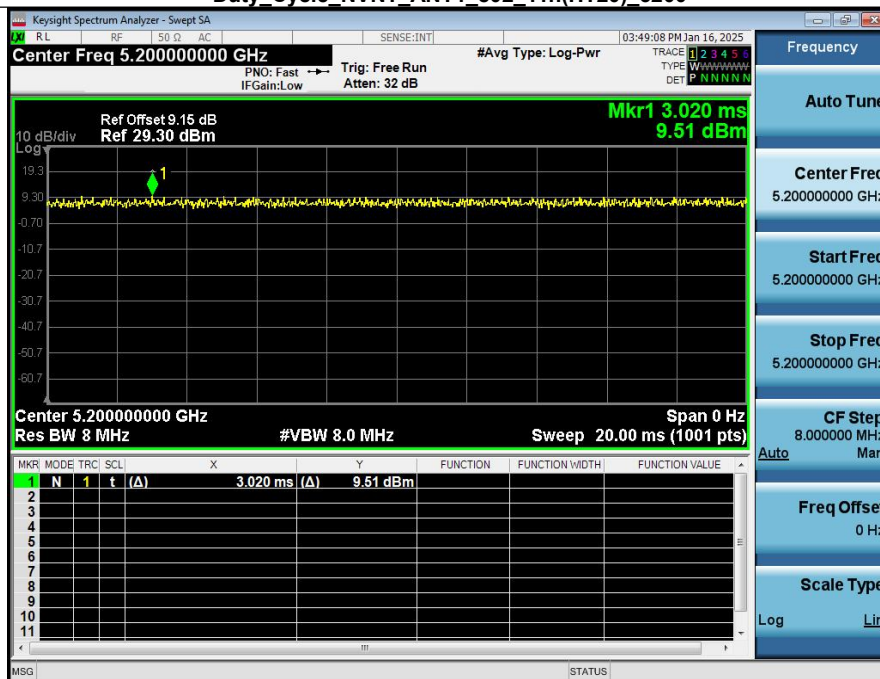
Duty Cycle NVNT_ANT1_802_11a_5240



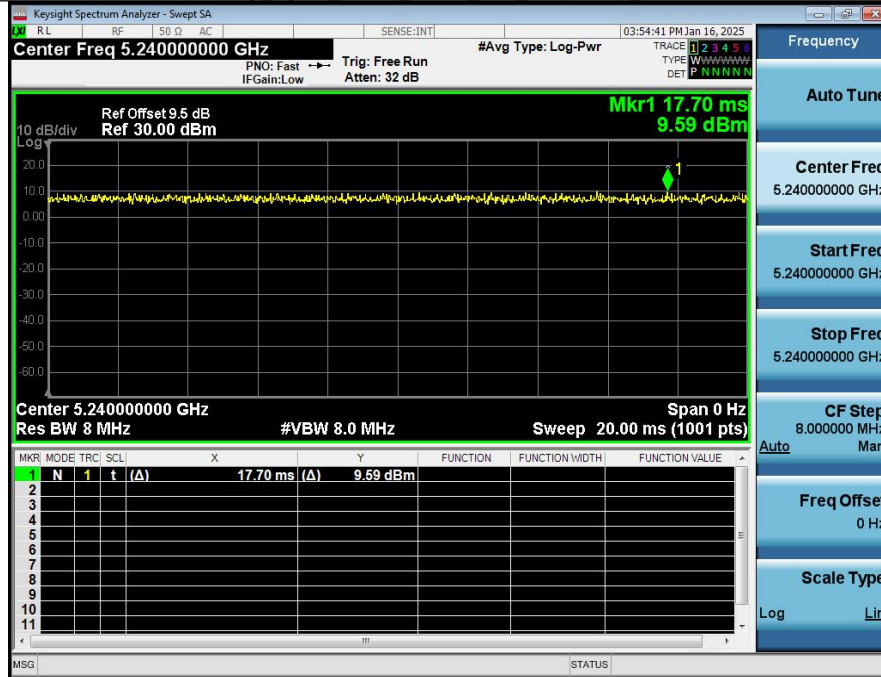
Duty Cycle NVNT_ANT1_802_11n(HT20)_5180



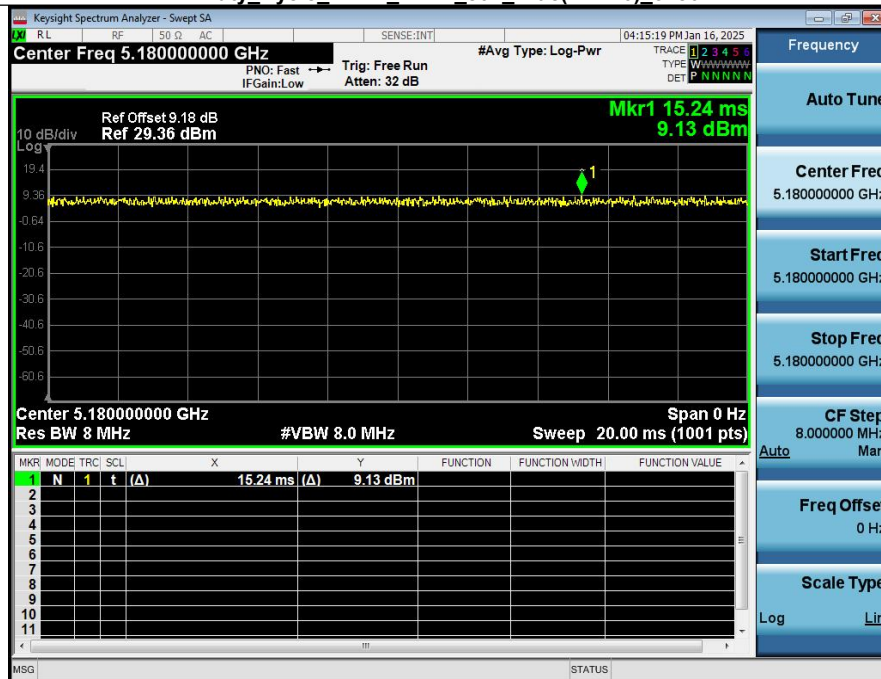
Duty Cycle NVNT_ANT1_802_11n(HT20)_5200



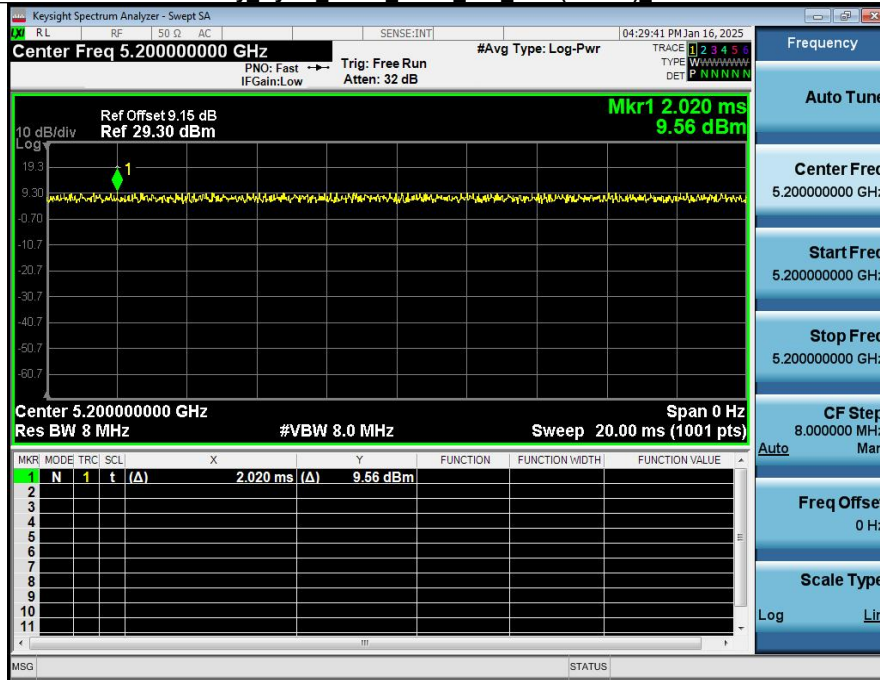
Duty Cycle NVNT ANT1_802_11n(HT20)_5240



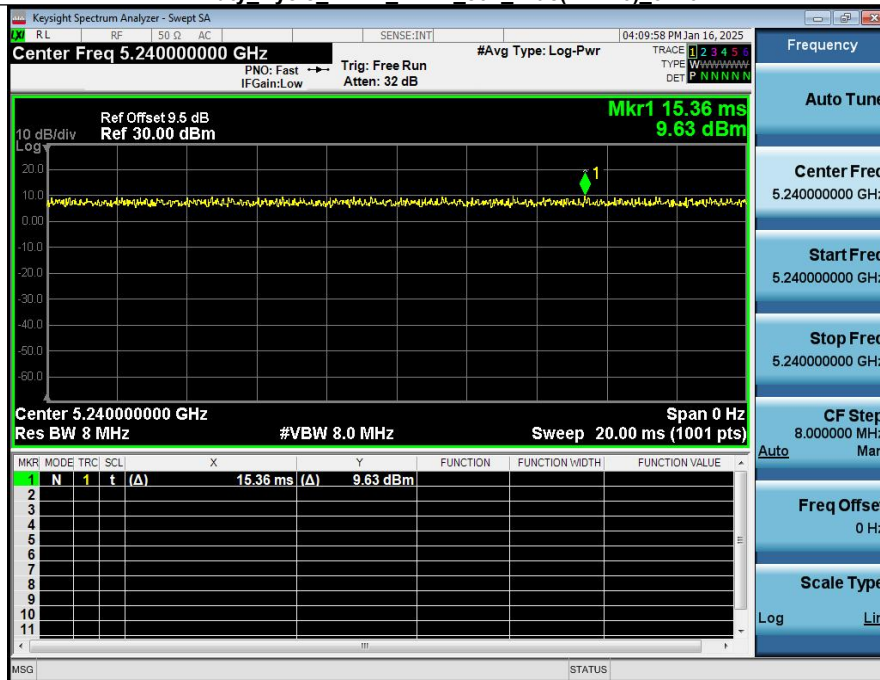
Duty Cycle NVNT ANT1_802_11ac(VHT20)_5180



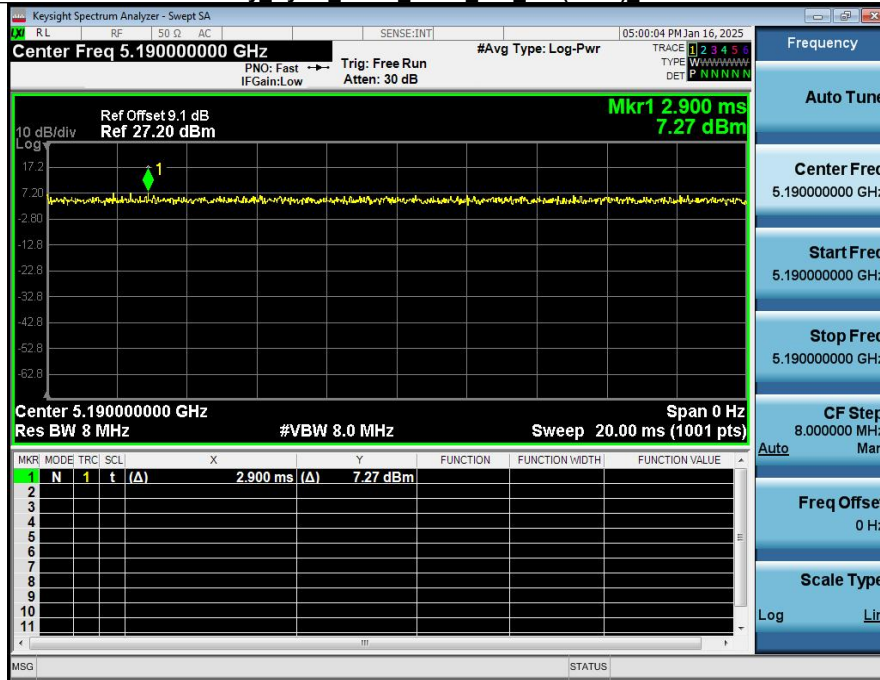
Duty Cycle NVNT ANT1_802_11ac(VHT20) 5200



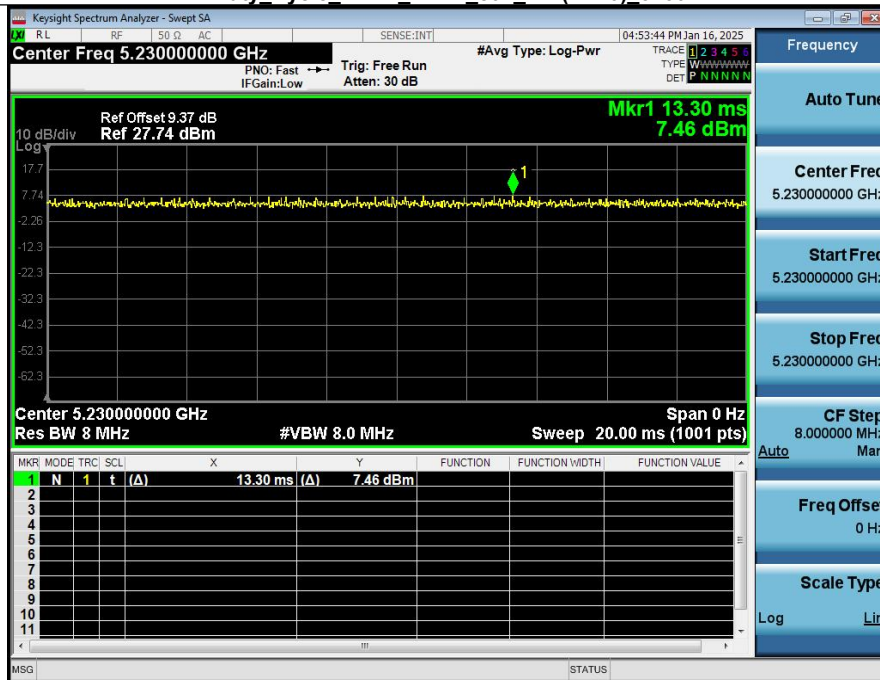
Duty Cycle NVNT ANT1_802_11ac(VHT20) 5240



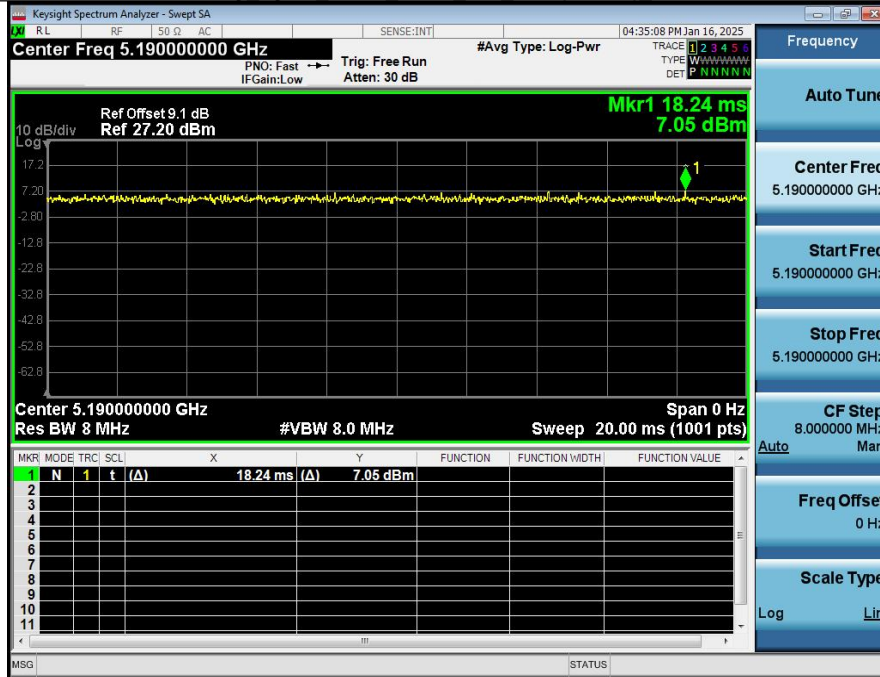
Duty Cycle NVNT ANT1 802 11n(HT40) 5190



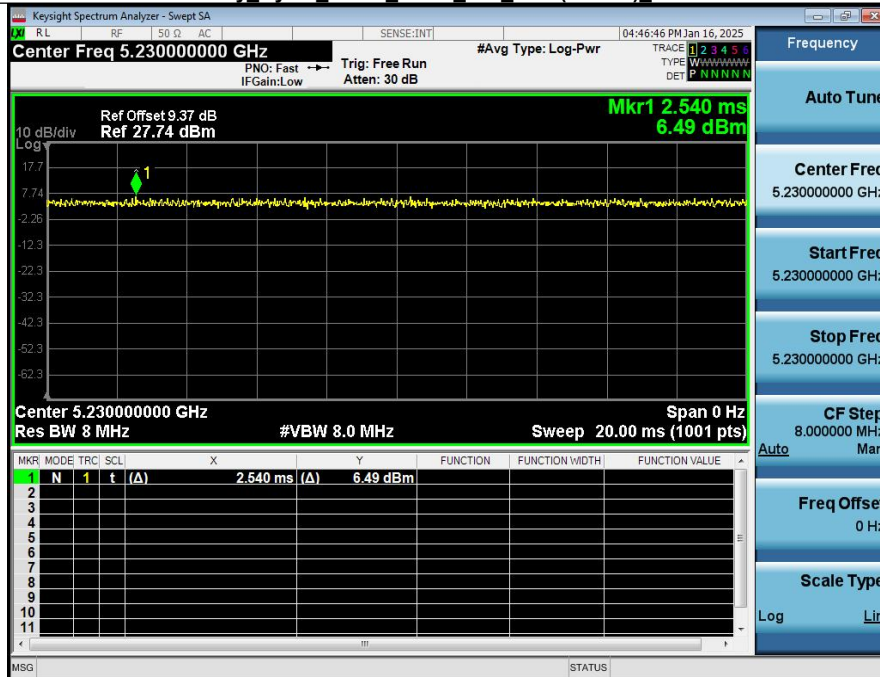
Duty Cycle NVNT ANT1 802 11n(HT40) 5230



Duty Cycle NVNT_ANT1_802_11ac(VHT40)_5190

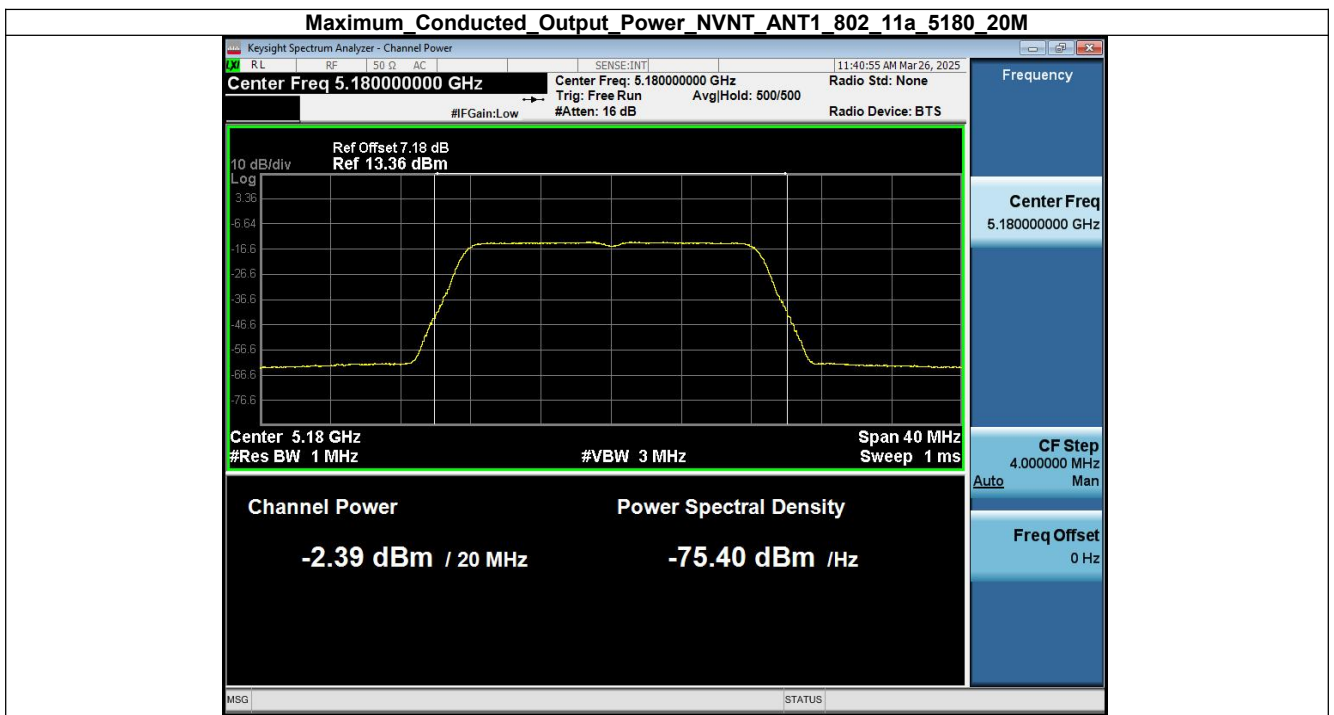


Duty Cycle NVNT_ANT1_802_11ac(VHT40)_5230

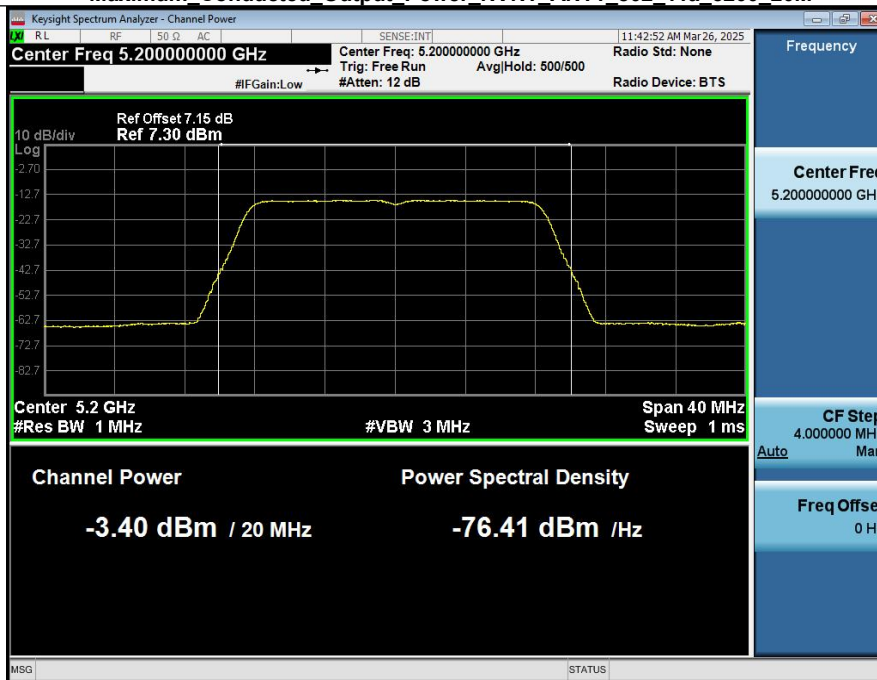


3. Maximum Conducted Output Power

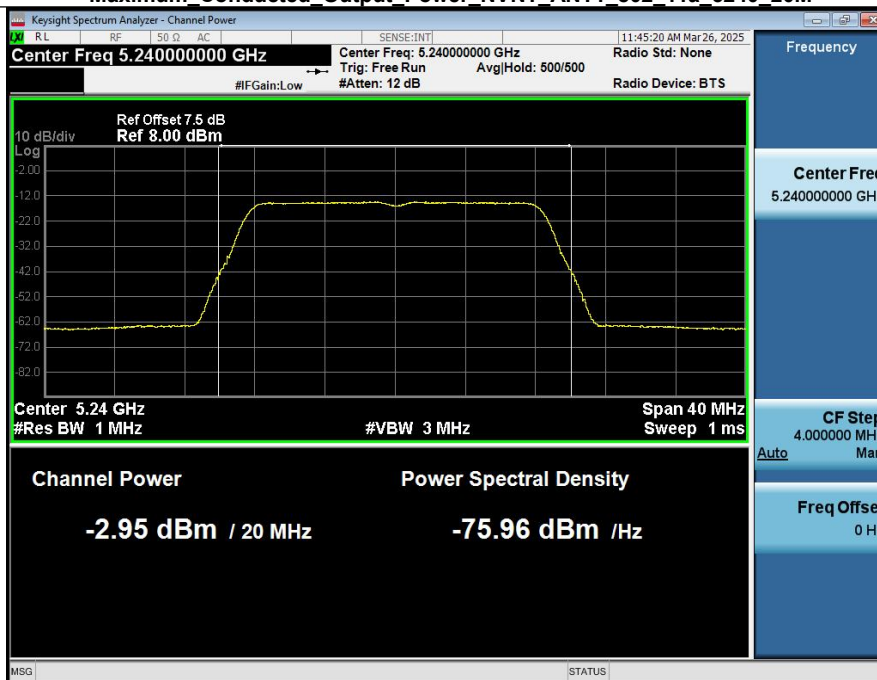
Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	-2.39	0.00	-2.39	24	Pass
NVNT	ANT1	802.11a	5200.00	-3.40	0.00	-3.40	24	Pass
NVNT	ANT1	802.11a	5240.00	-2.95	0.00	-2.95	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-3.20	0.00	-3.20	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-3.42	0.00	-3.42	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-2.96	0.00	-2.96	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-3.33	0.00	-3.33	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-3.45	0.00	-3.45	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-3.01	0.00	-3.01	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-3.34	0.00	-3.34	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-3.02	0.00	-3.02	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-3.27	0.00	-3.27	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-2.99	0.00	-2.99	24	Pass



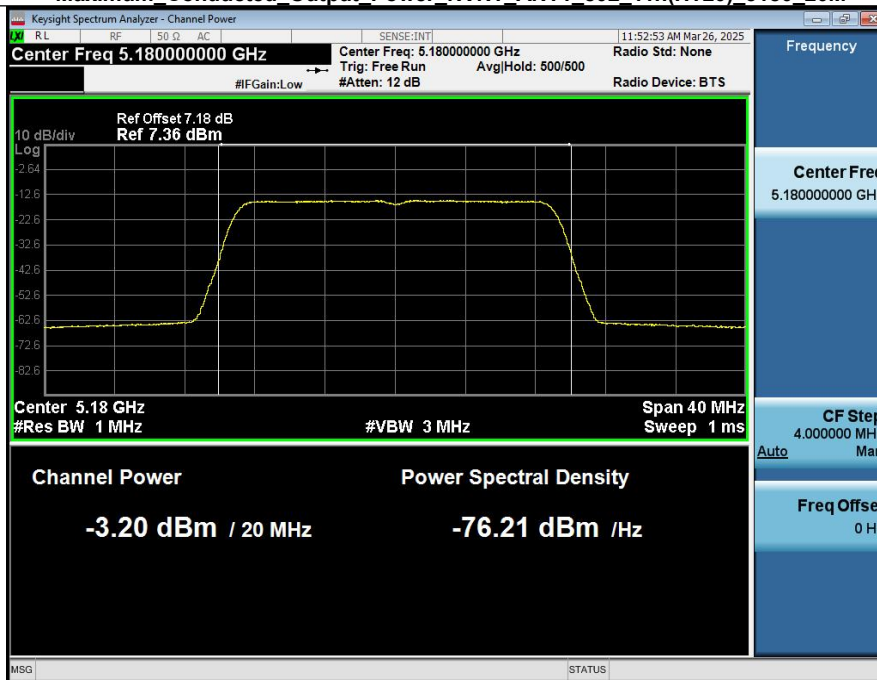
Maximum Conducted Output Power NVNT ANT1 802 11a 5200 20M



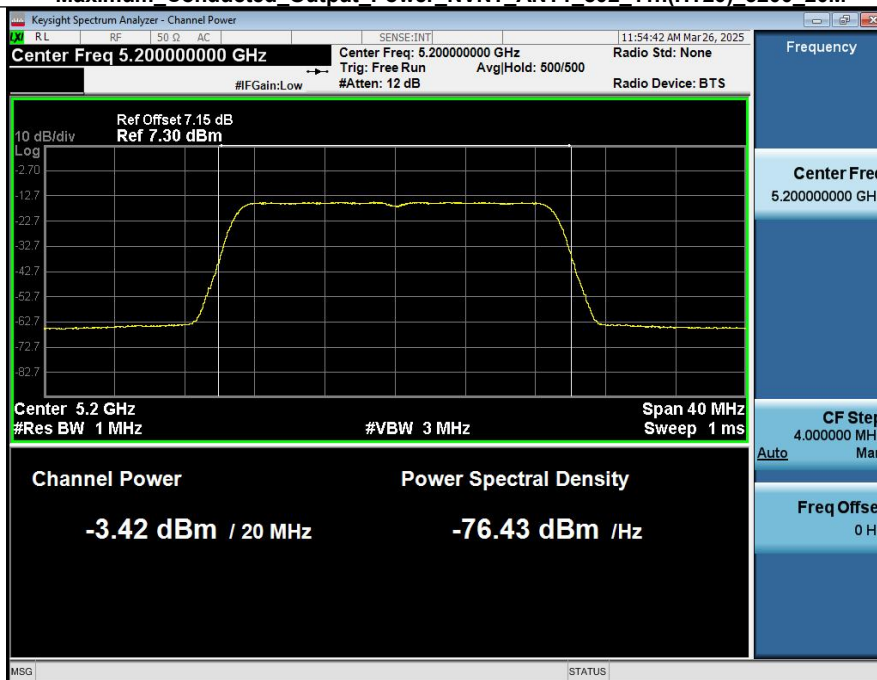
Maximum Conducted Output Power NVNT ANT1 802 11a 5240 20M



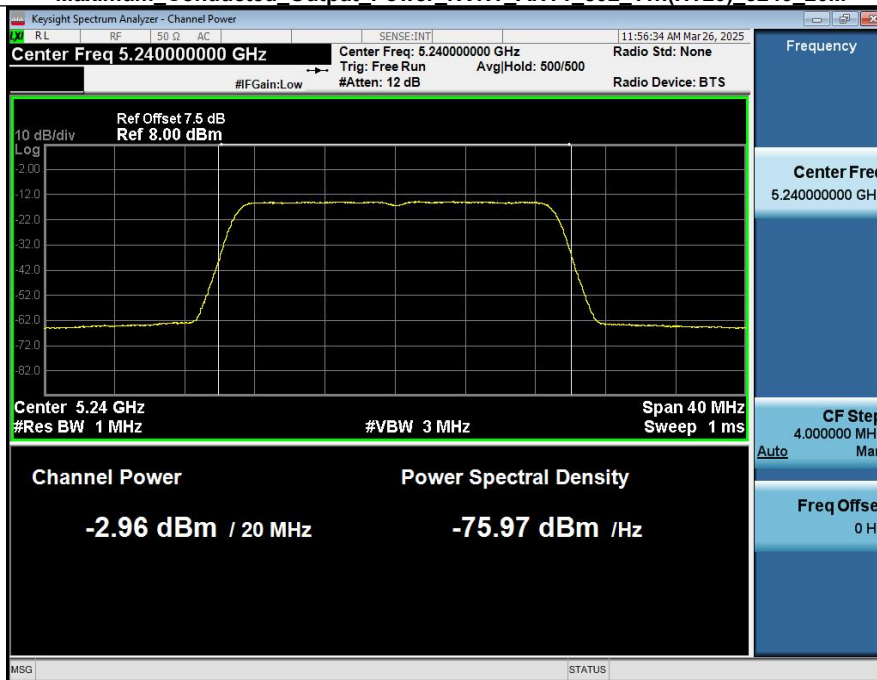
Maximum Conducted Output Power NVNT ANT1 802 11n(HT20) 5180 20M



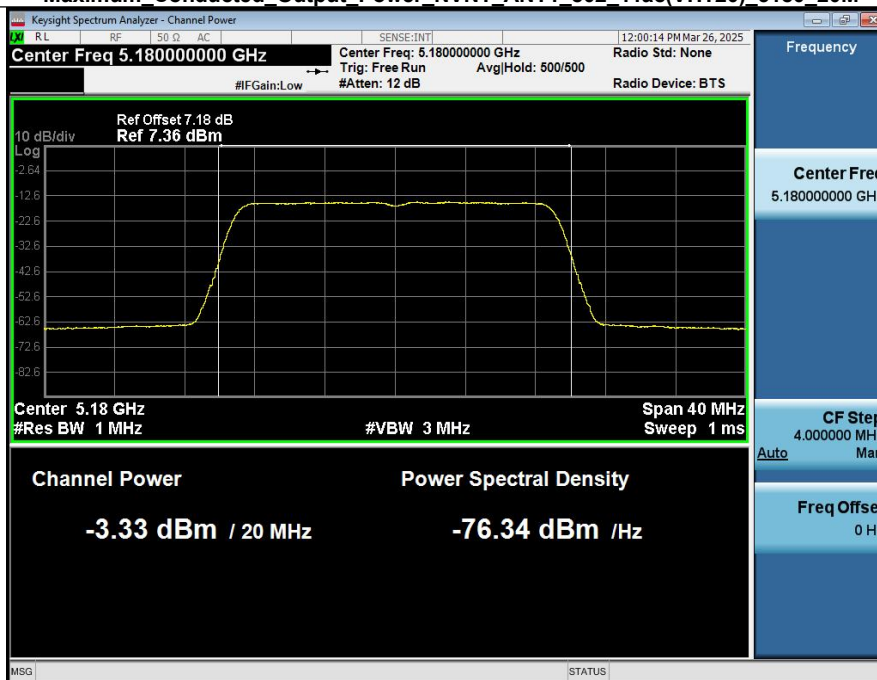
Maximum Conducted Output Power NVNT ANT1 802 11n(HT20) 5200 20M



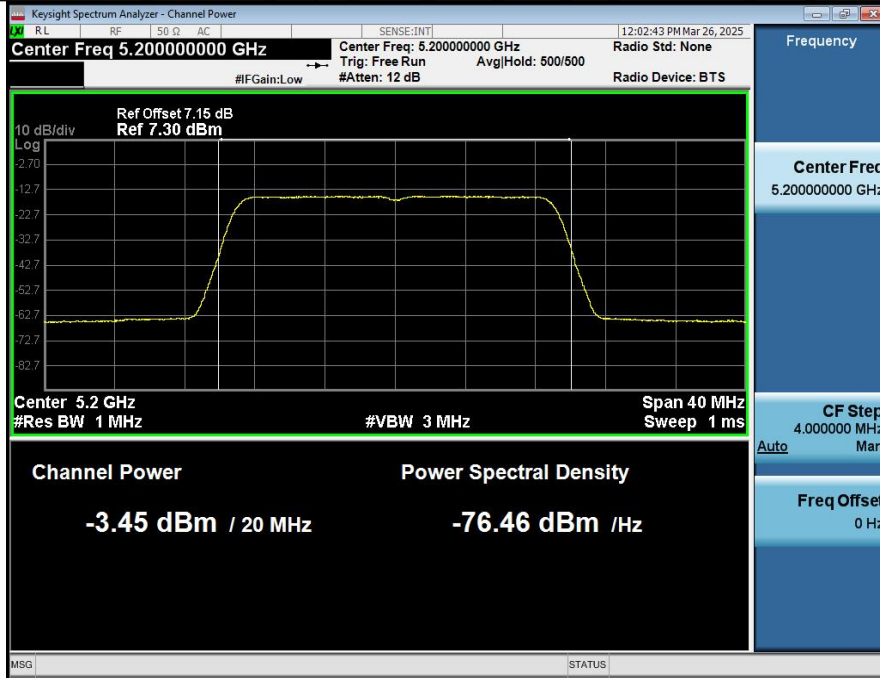
Maximum Conducted Output Power NVNT ANT1 802 11n(HT20) 5240 20M



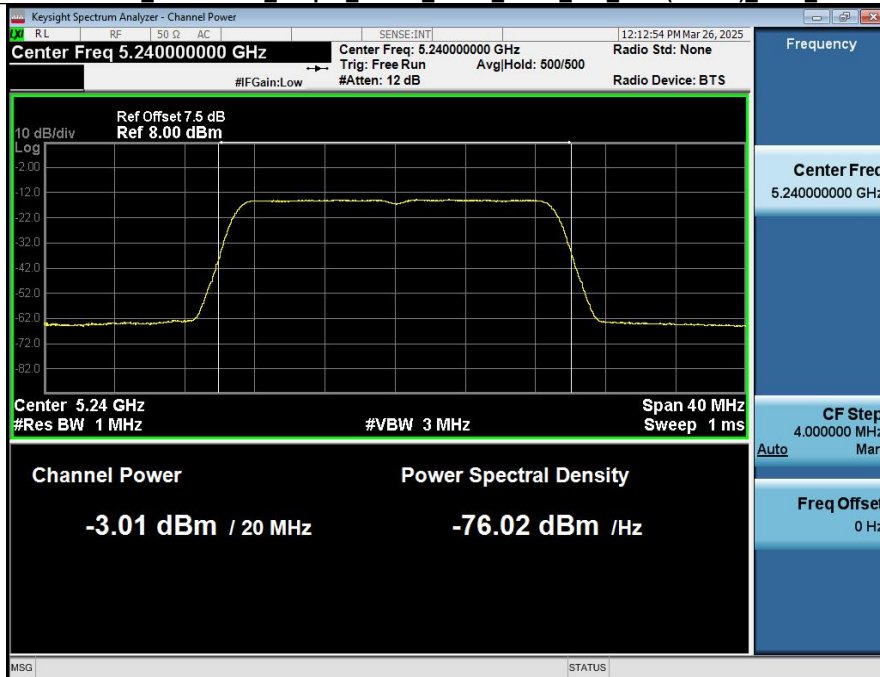
Maximum Conducted Output Power NVNT ANT1 802 11ac(VHT20) 5180 20M



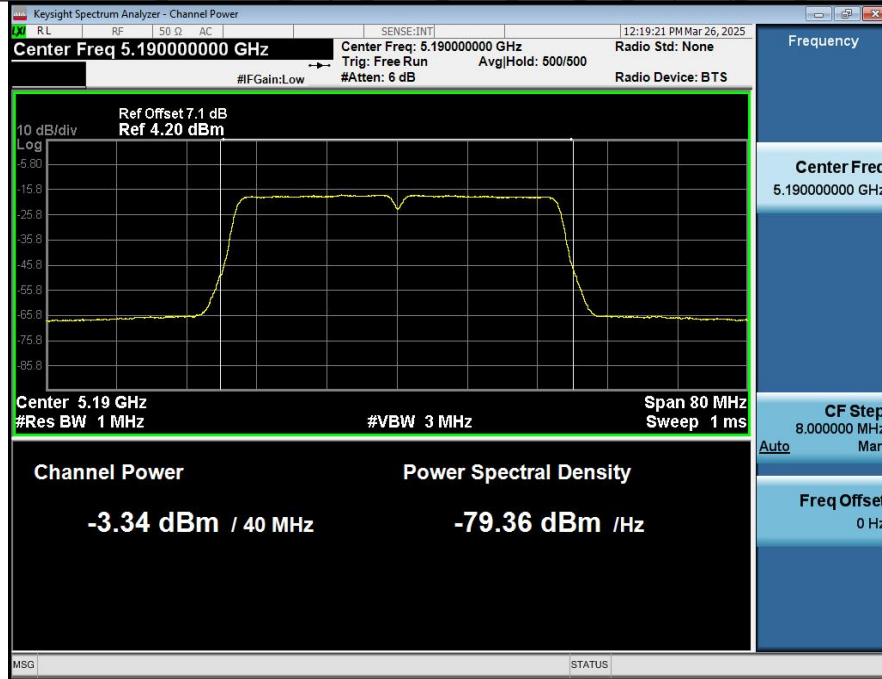
Maximum Conducted Output Power NVNT ANT1 802 11ac(VHT20) 5200 20M



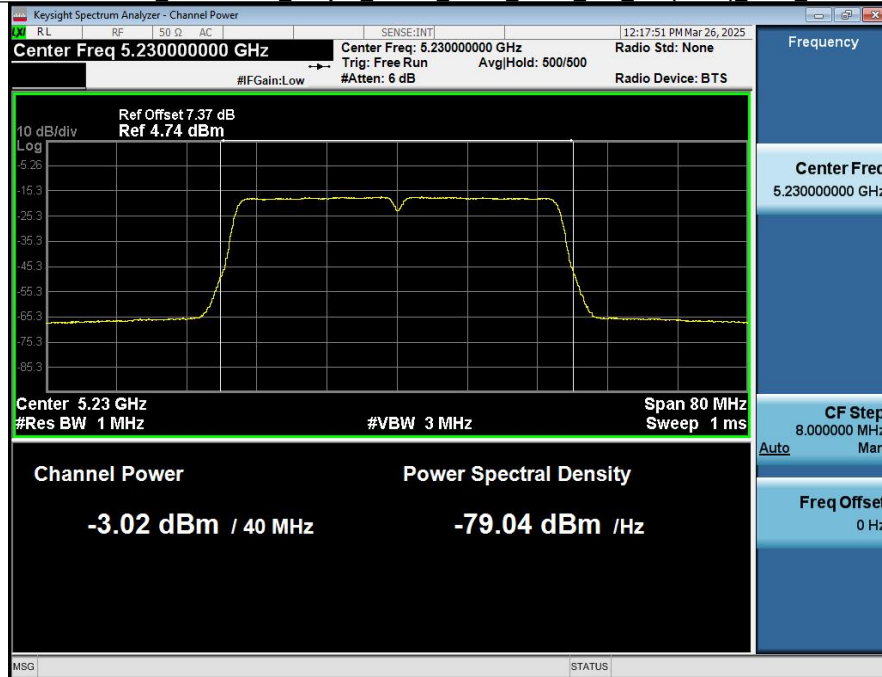
Maximum Conducted Output Power NVNT ANT1 802 11ac(VHT20) 5240 20M



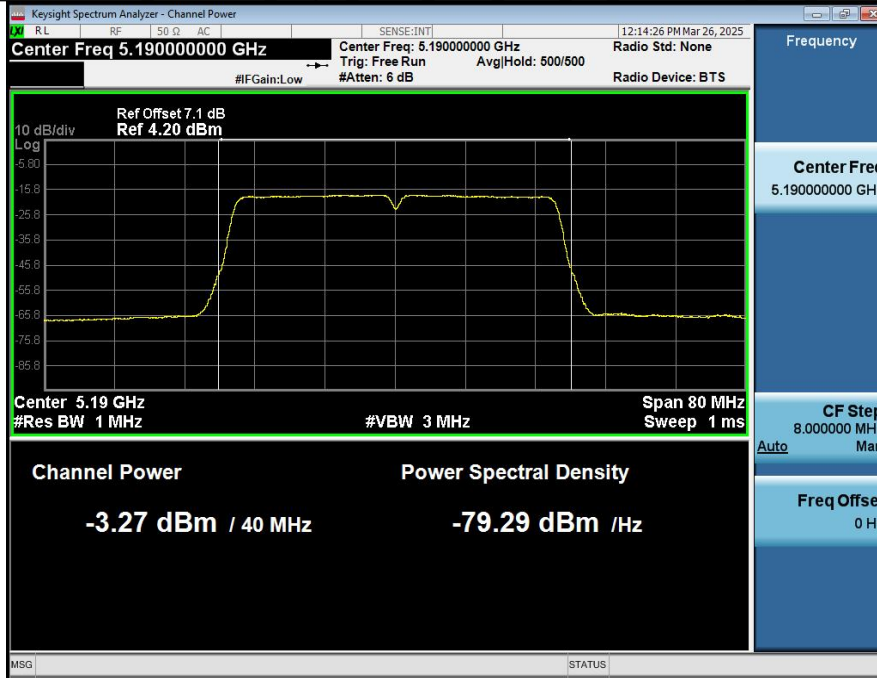
Maximum Conducted Output Power NVNT ANT1 802 11n(HT40) 5190 40M



Maximum Conducted Output Power NVNT ANT1 802 11n(HT40) 5230 40M



Maximum Conducted Output Power NVNT ANT1_802_11ac(VHT40) 5190_40M

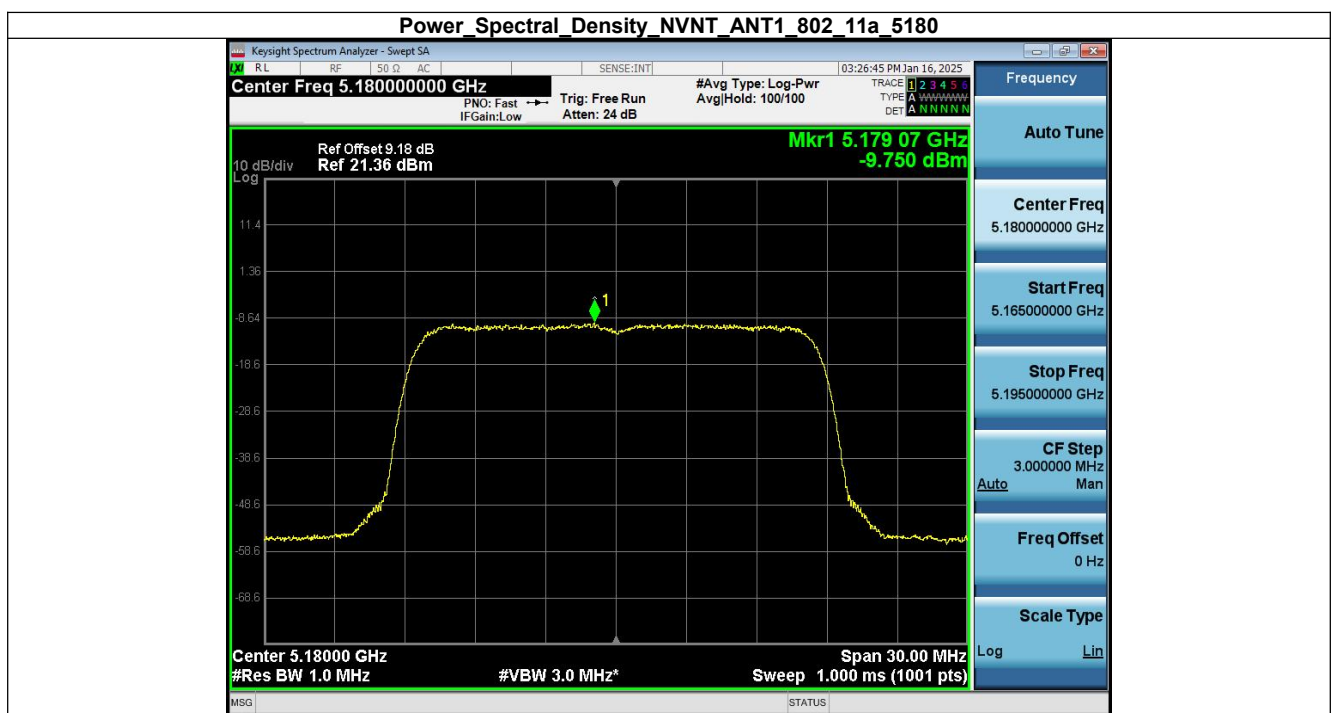


Maximum Conducted Output Power NVNT ANT1_802_11ac(VHT40) 5230_40M

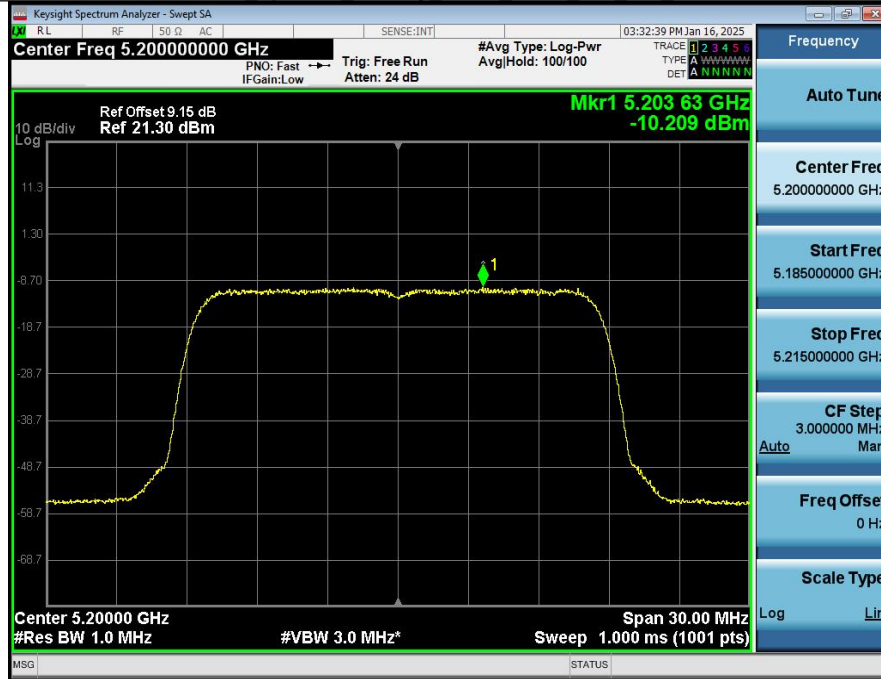


4. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	-9.75	0.00	-9.75	11	Pass
NVNT	ANT1	802.11a	5200.00	-10.21	0.00	-10.21	11	Pass
NVNT	ANT1	802.11a	5240.00	-10.35	0.00	-10.35	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-10.42	0.00	-10.42	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-10.61	0.00	-10.61	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-10.72	0.00	-10.72	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-10.90	0.00	-10.90	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-10.63	0.00	-10.63	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-10.56	0.00	-10.56	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-12.83	0.00	-12.83	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-12.55	0.00	-12.55	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-12.85	0.00	-12.85	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-12.50	0.00	-12.50	11	Pass



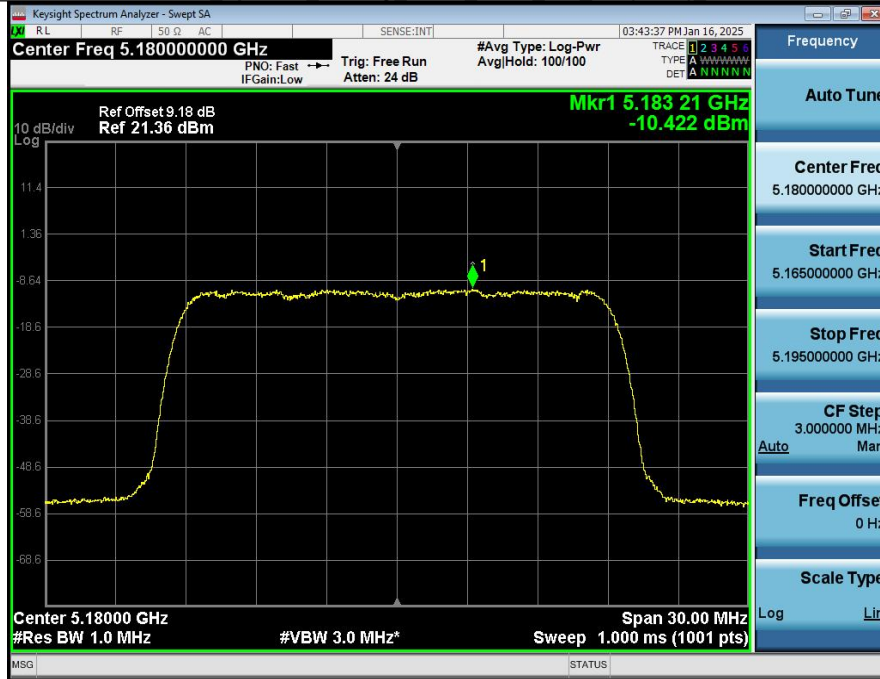
Power Spectral Density NVNT_ANT1_802_11a_5200



Power Spectral Density NVNT_ANT1_802_11a_5240



Power Spectral Density NVNT ANT1_802_11n(HT20)_5180



Power Spectral Density NVNT ANT1_802_11n(HT20)_5200

