

Appendix Test Data

Report No.:	78340WC20011502	Test Date:	2022.12.19~12.20
Test Engineer:	<i>Qing Peng</i>	Auditor:	<i>Andy wang</i>
Temperature:	24.3℃	Relative Humidity:	56.2%
Pressure:	1012 hPa		

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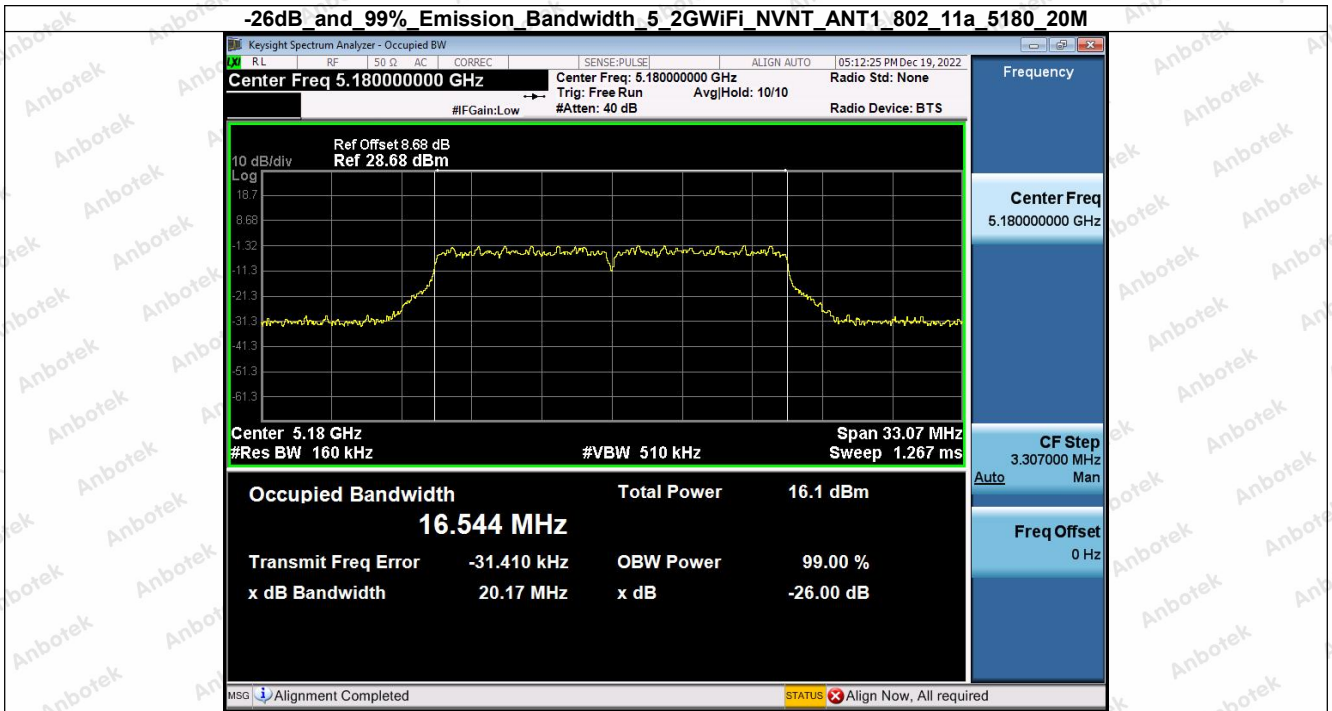


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1. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5180.00	20.17	16.54
NVNT	ANT1	802.11a	5200.00	20.03	16.52
NVNT	ANT1	802.11a	5240.00	20.02	16.52
NVNT	ANT1	802.11n(HT20)	5180.00	20.60	17.80
NVNT	ANT1	802.11n(HT20)	5200.00	33.25	17.82
NVNT	ANT1	802.11n(HT20)	5240.00	20.68	17.75
NVNT	ANT1	802.11ac(VHT20)	5180.00	24.04	17.82
NVNT	ANT1	802.11ac(VHT20)	5200.00	29.30	17.81
NVNT	ANT1	802.11ac(VHT20)	5240.00	20.62	17.79
NVNT	ANT1	802.11n(HT40)	5190.00	72.30	36.62
NVNT	ANT1	802.11n(HT40)	5230.00	68.68	36.50
NVNT	ANT1	802.11ac(VHT40)	5190.00	71.83	36.64
NVNT	ANT1	802.11ac(VHT40)	5230.00	72.54	36.68
NVNT	ANT1	802.11ac(VHT80)	5210.00	85.45	76.34

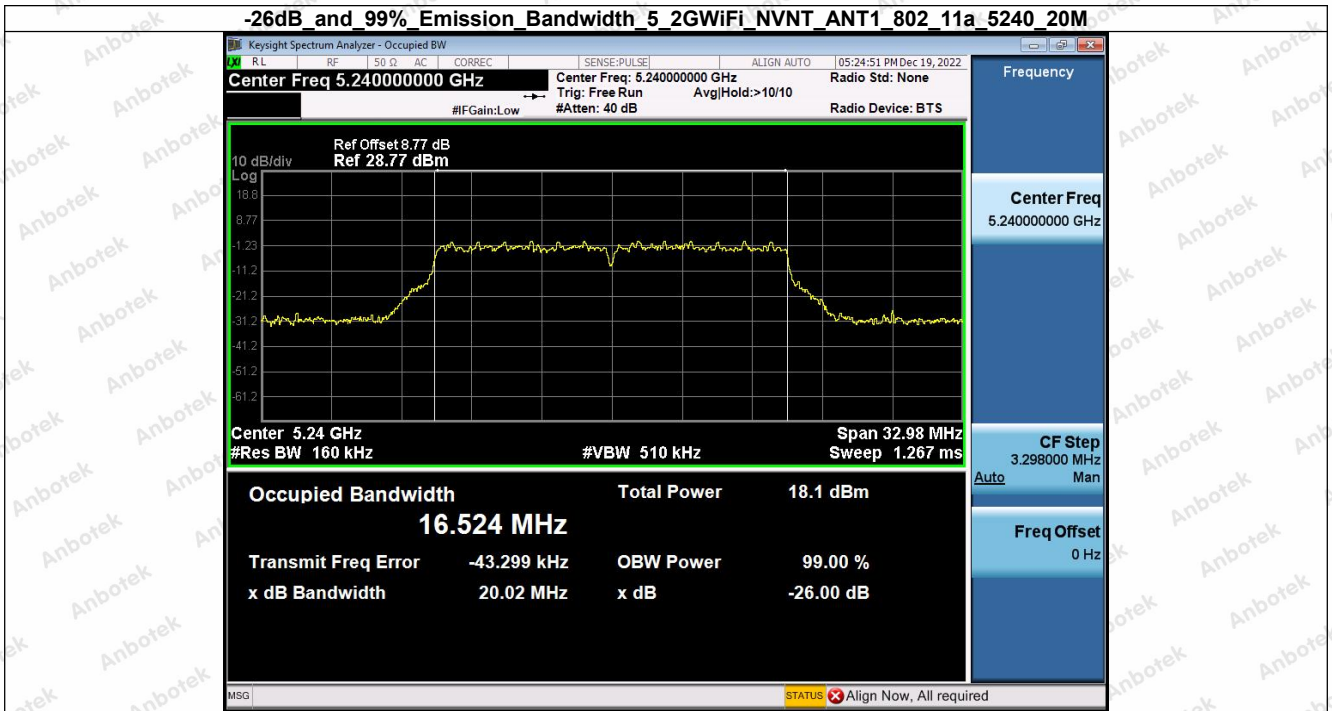
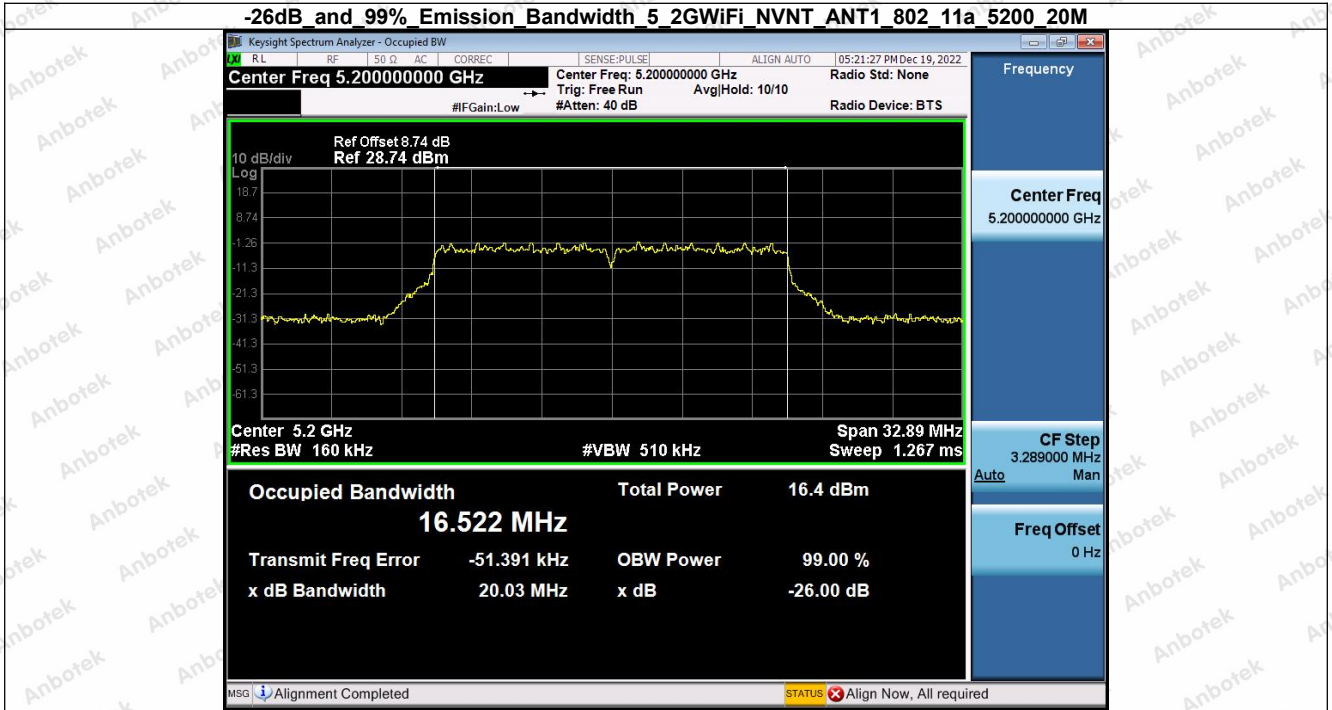


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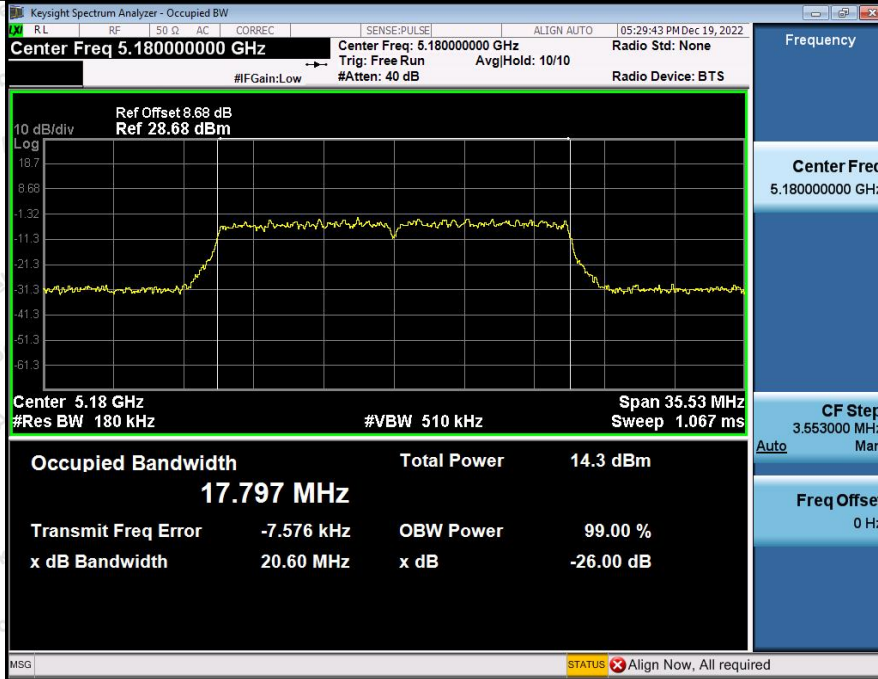
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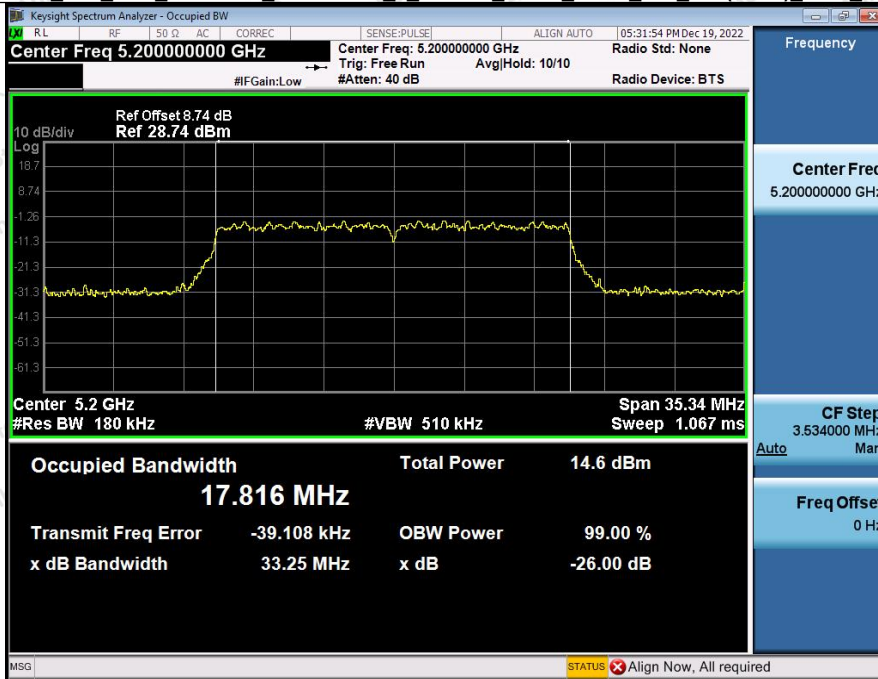
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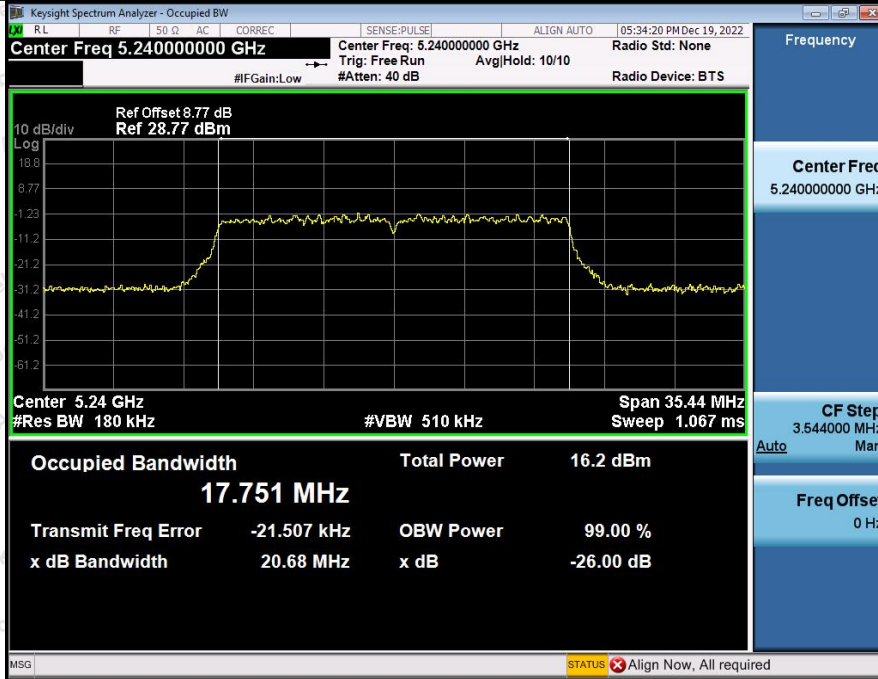
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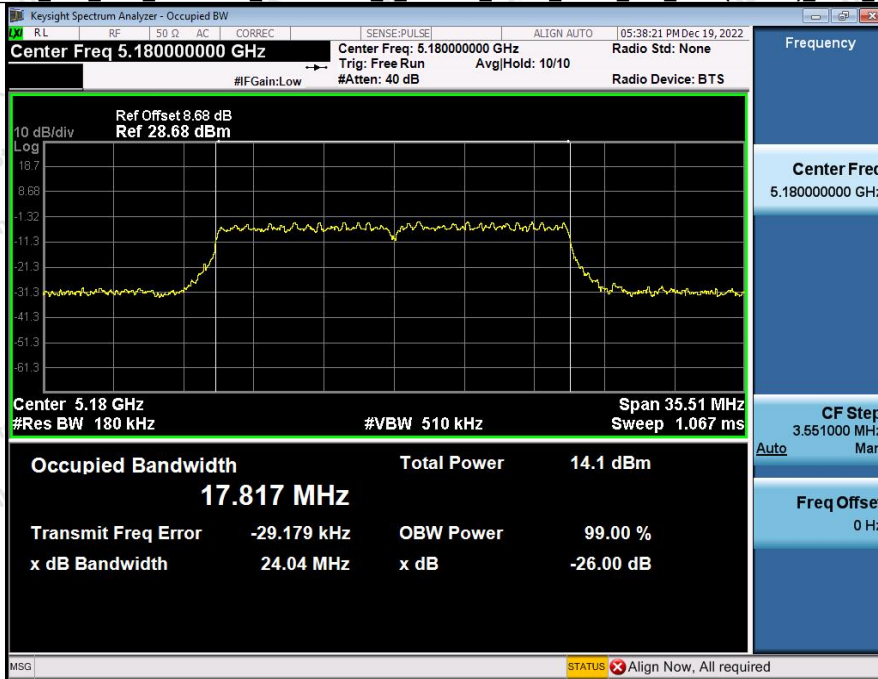
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-26dB and 99% Emission Bandwidth 5 2GWiFi NVNT ANT1 802 11n(HT20) 5240 20M



-26dB and 99% Emission Bandwidth 5 2GWiFi NVNT ANT1 802 11ac(VHT20) 5180 20M



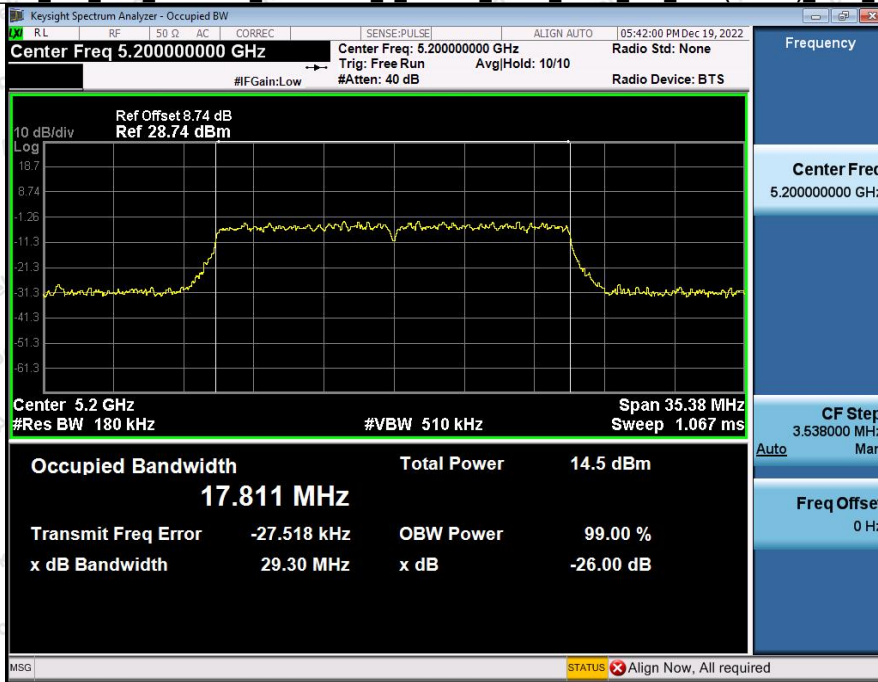
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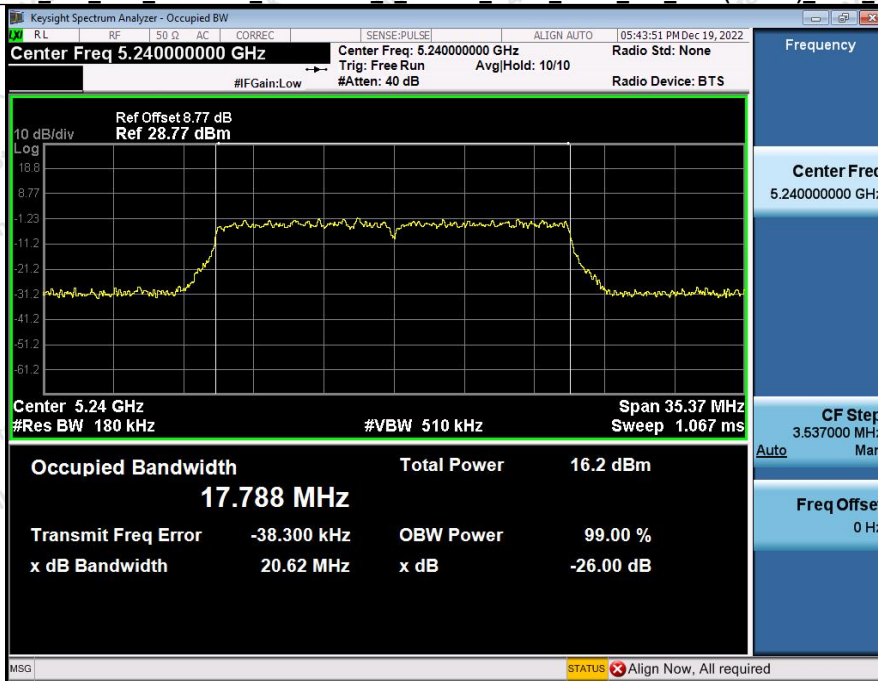
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-26dB and 99% Emission Bandwidth 5 2GWIFI NVNT ANT1 802 11ac(VHT20) 5240 20M



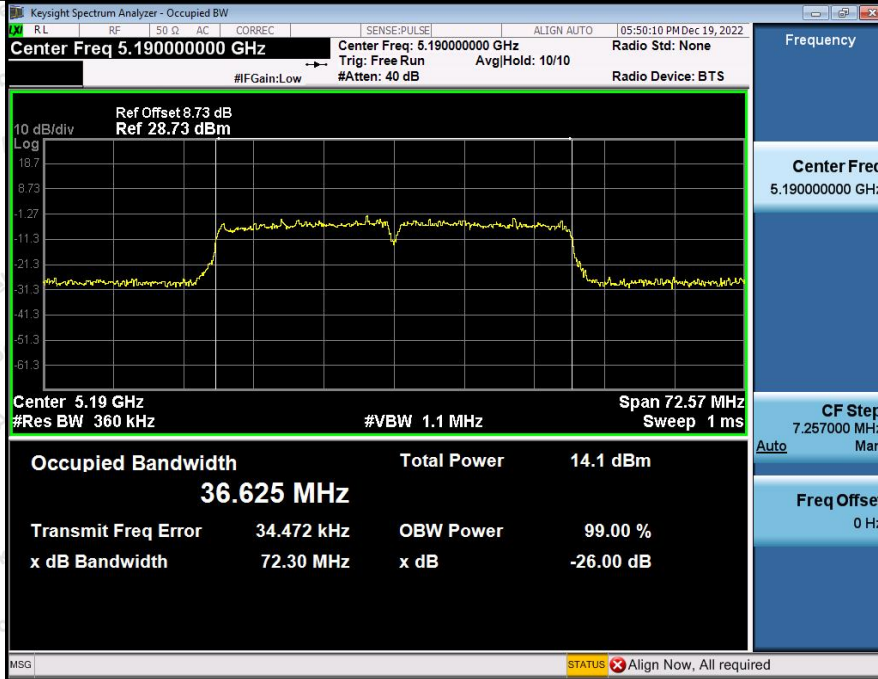
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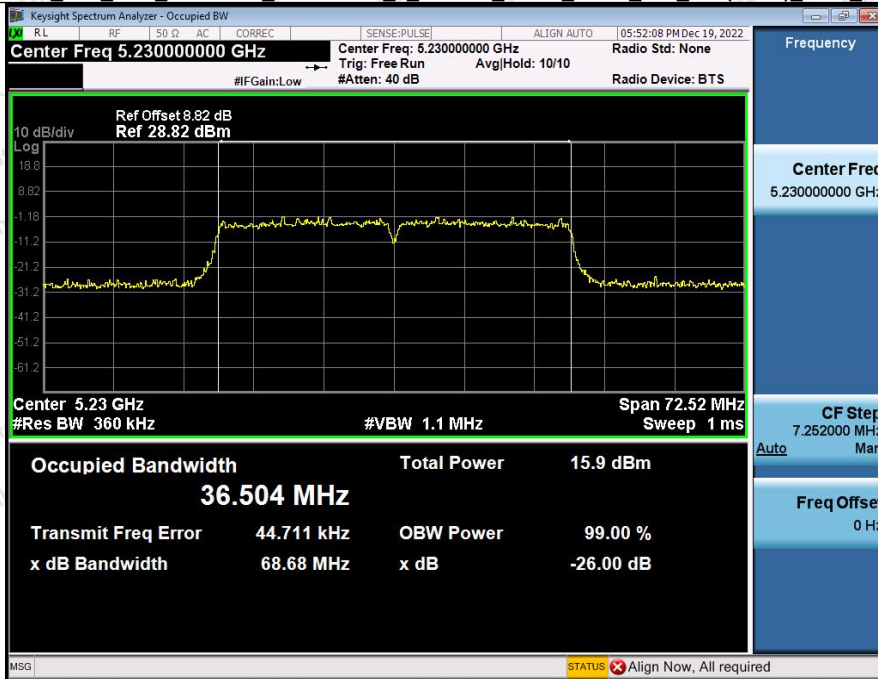
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-26dB and 99% Emission Bandwidth 5 2GWiFi NVNT ANT1 802 11n(HT40) 5190 40M



-26dB and 99% Emission Bandwidth 5 2GWiFi NVNT ANT1 802 11n(HT40) 5230 40M



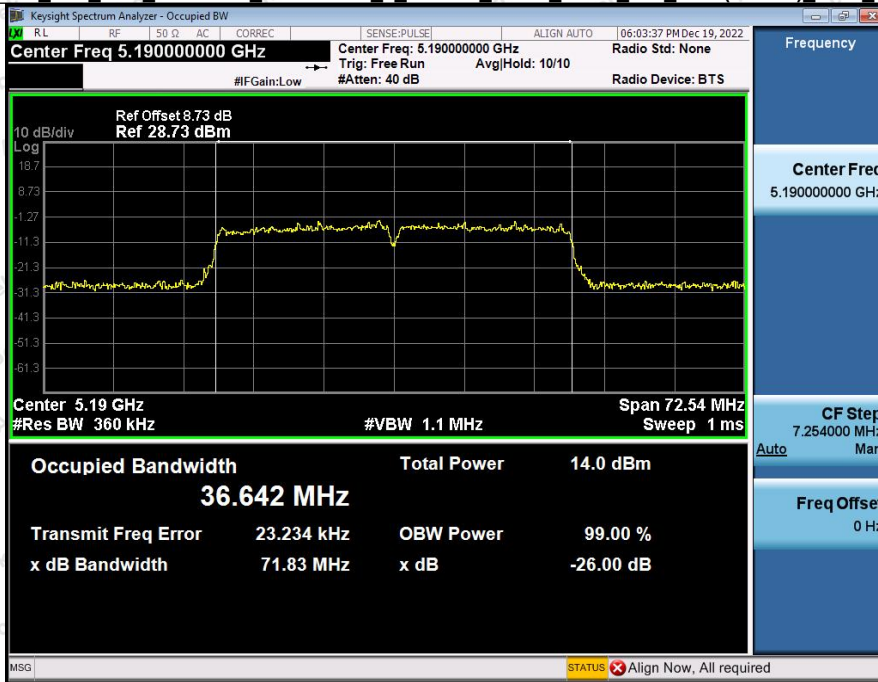
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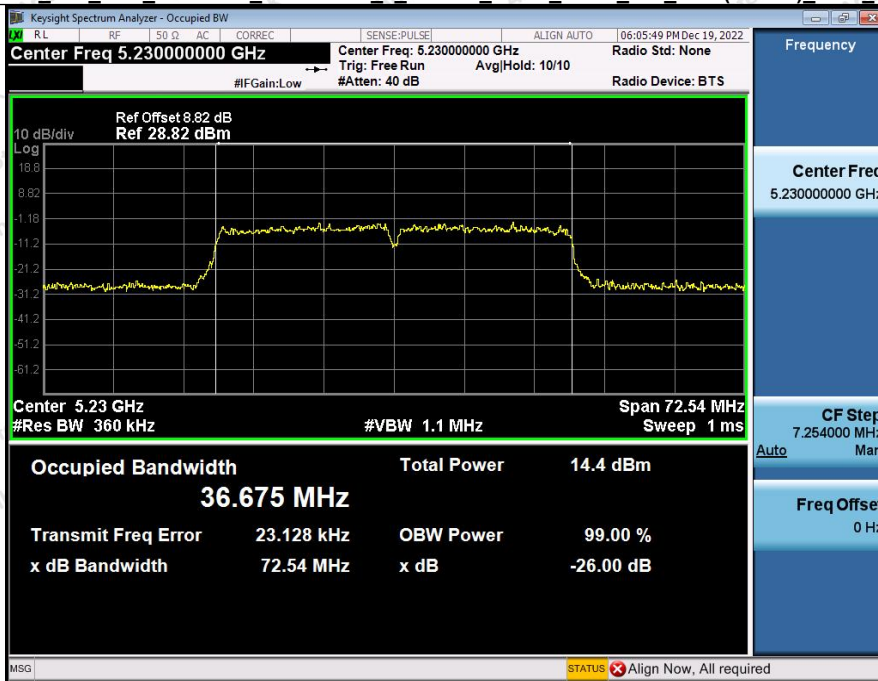
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-26dB and 99% Emission Bandwidth 5 2GWIFI NVNT ANT1 802 11ac(VHT40) 5190 40M



-26dB and 99% Emission Bandwidth 5 2GWIFI NVNT ANT1 802 11ac(VHT40) 5230 40M

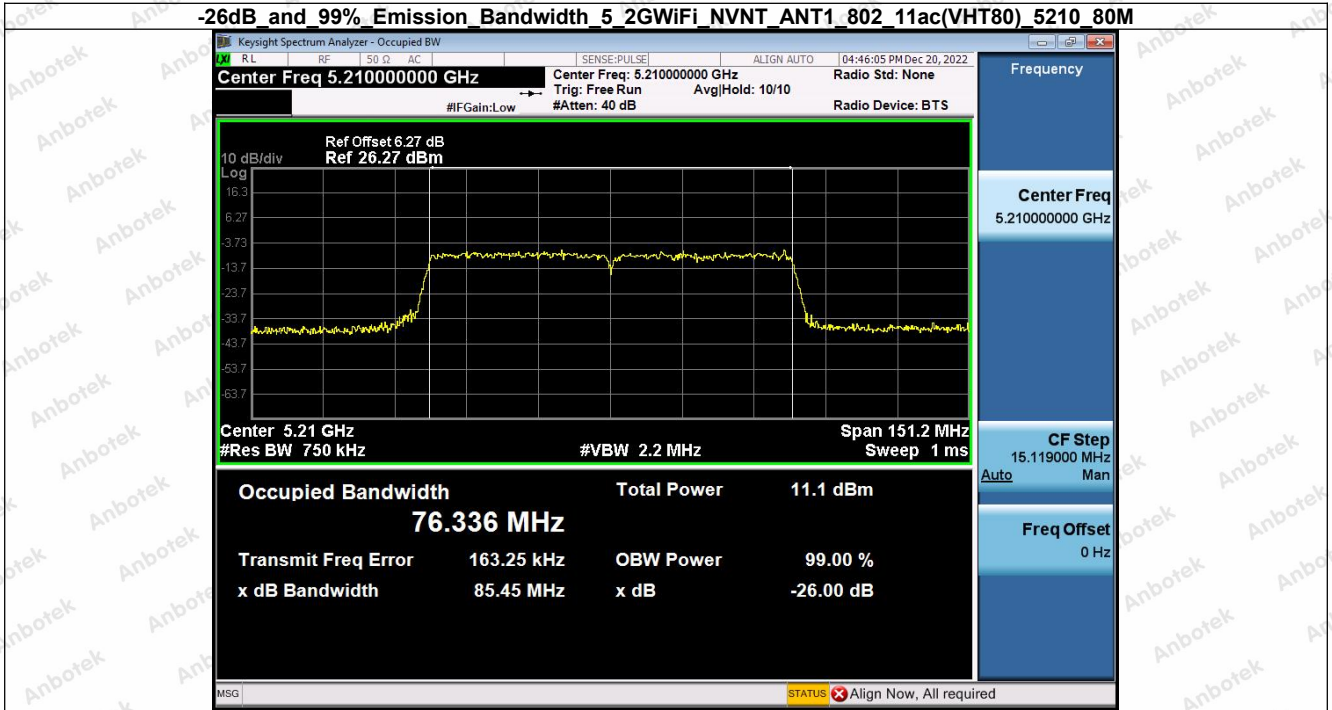


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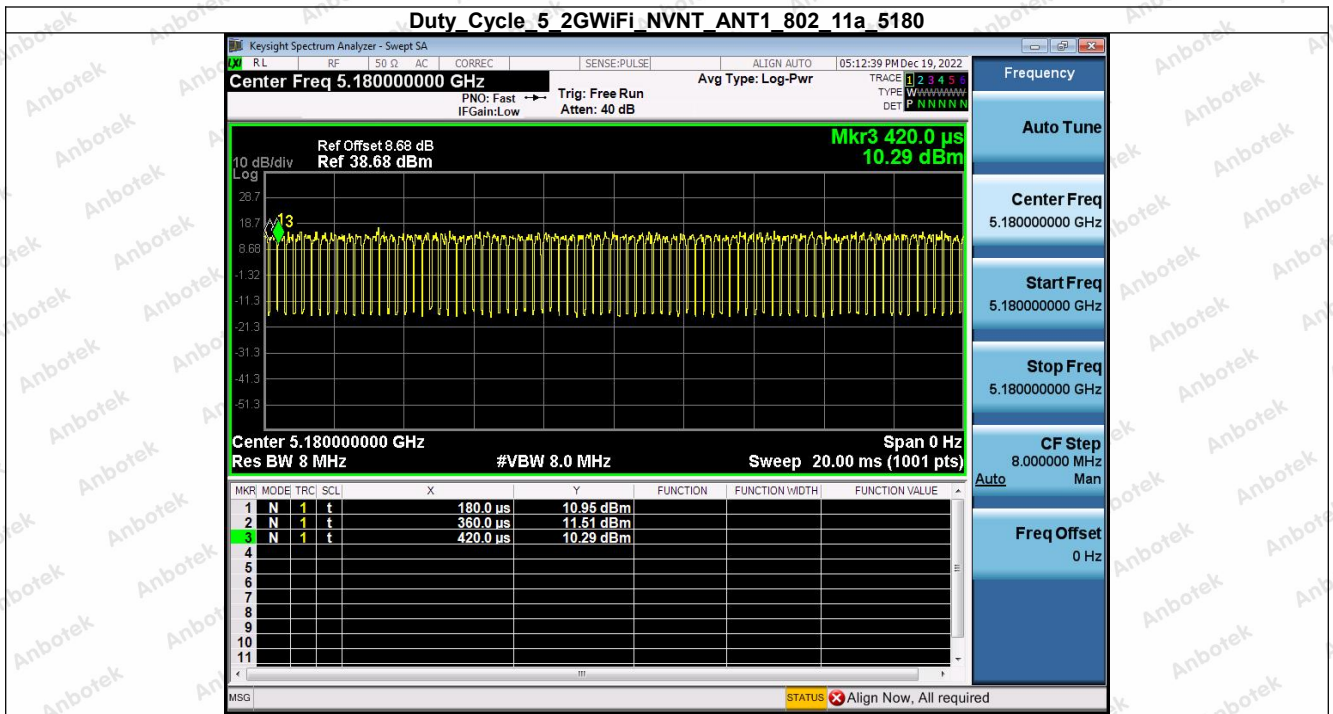


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2. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	83.33	0.79
NVNT	ANT1	802.11a	5200.00	75.00	1.25
NVNT	ANT1	802.11a	5240.00	76.92	1.14
NVNT	ANT1	802.11n(HT20)	5180.00	90.32	0.44
NVNT	ANT1	802.11n(HT20)	5200.00	93.33	0.30
NVNT	ANT1	802.11n(HT20)	5240.00	93.55	0.29
NVNT	ANT1	802.11ac(VHT20)	5180.00	93.33	0.30
NVNT	ANT1	802.11ac(VHT20)	5200.00	93.33	0.30
NVNT	ANT1	802.11ac(VHT20)	5240.00	93.33	0.30
NVNT	ANT1	802.11n(HT40)	5190.00	83.33	0.79
NVNT	ANT1	802.11n(HT40)	5230.00	83.33	0.79
NVNT	ANT1	802.11ac(VHT40)	5190.00	83.33	0.79
NVNT	ANT1	802.11ac(VHT40)	5230.00	82.35	0.84
NVNT	ANT1	802.11ac(VHT80)	5210.00	100	0.00
NVNT	ANT1	802.11ac(VHT80)	5210.00	100.00	0.00

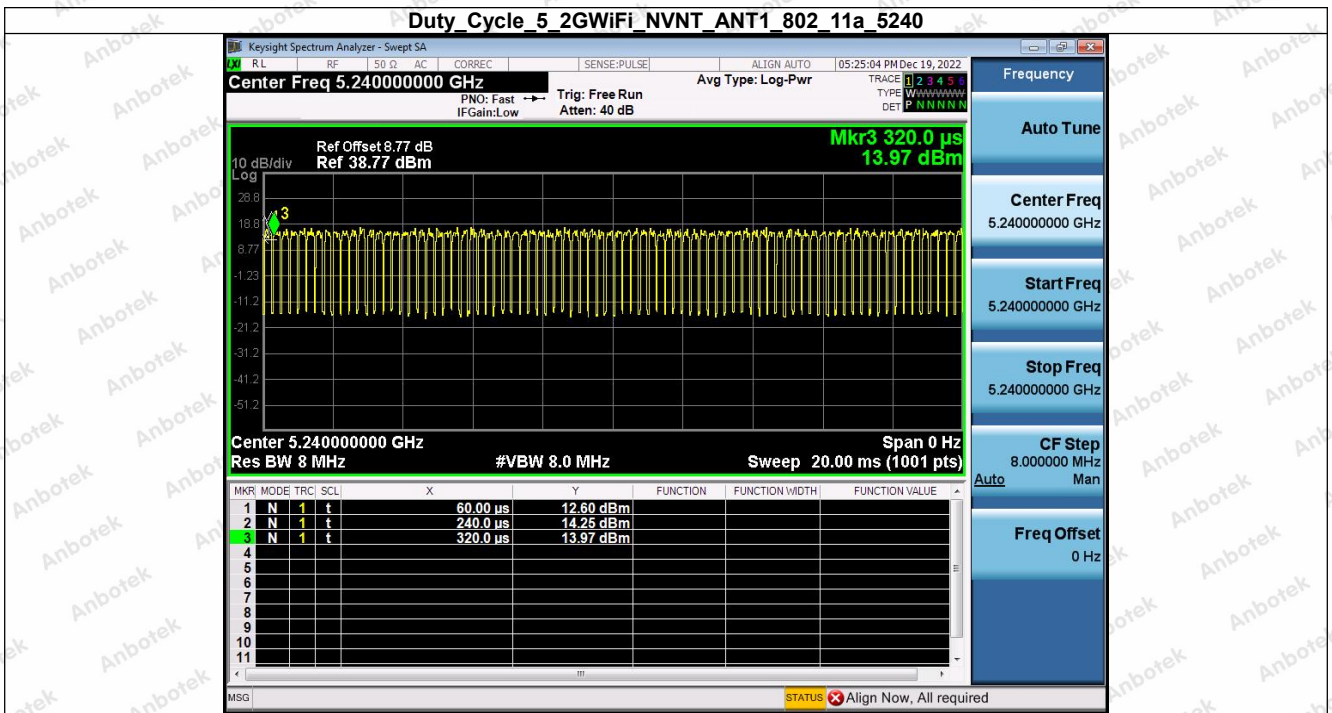
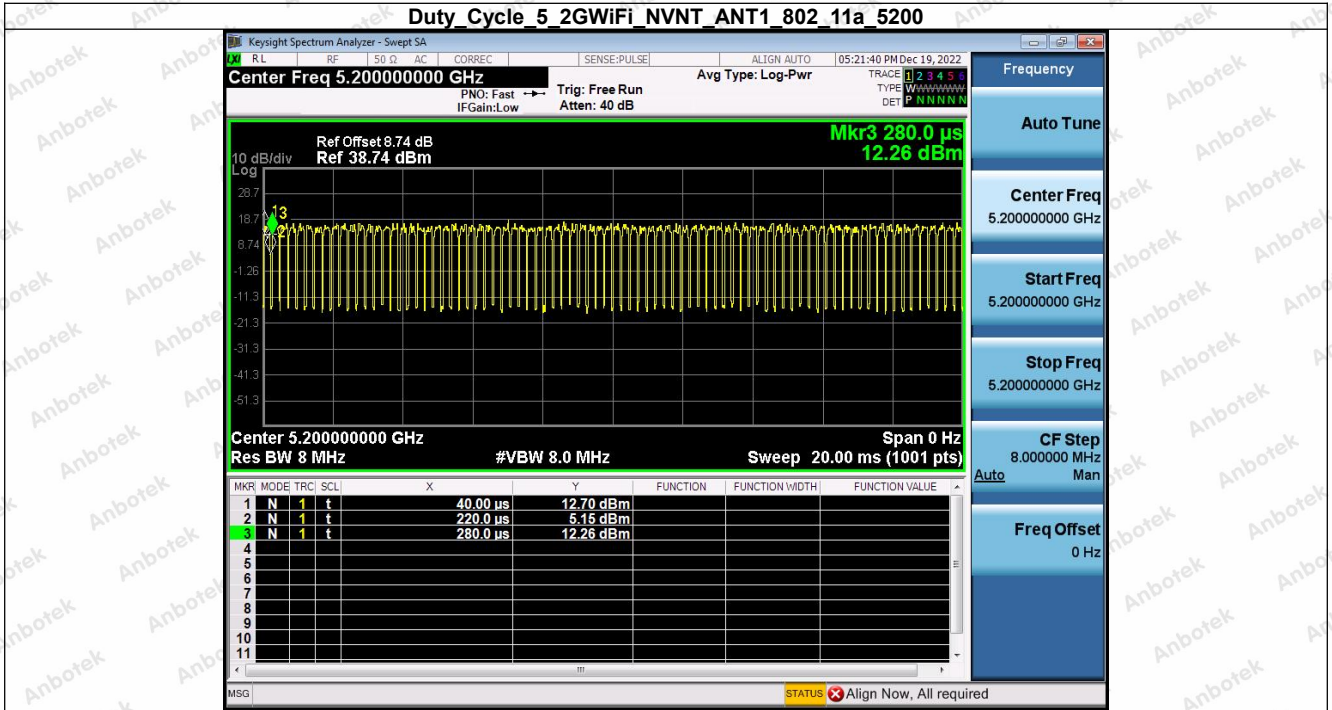


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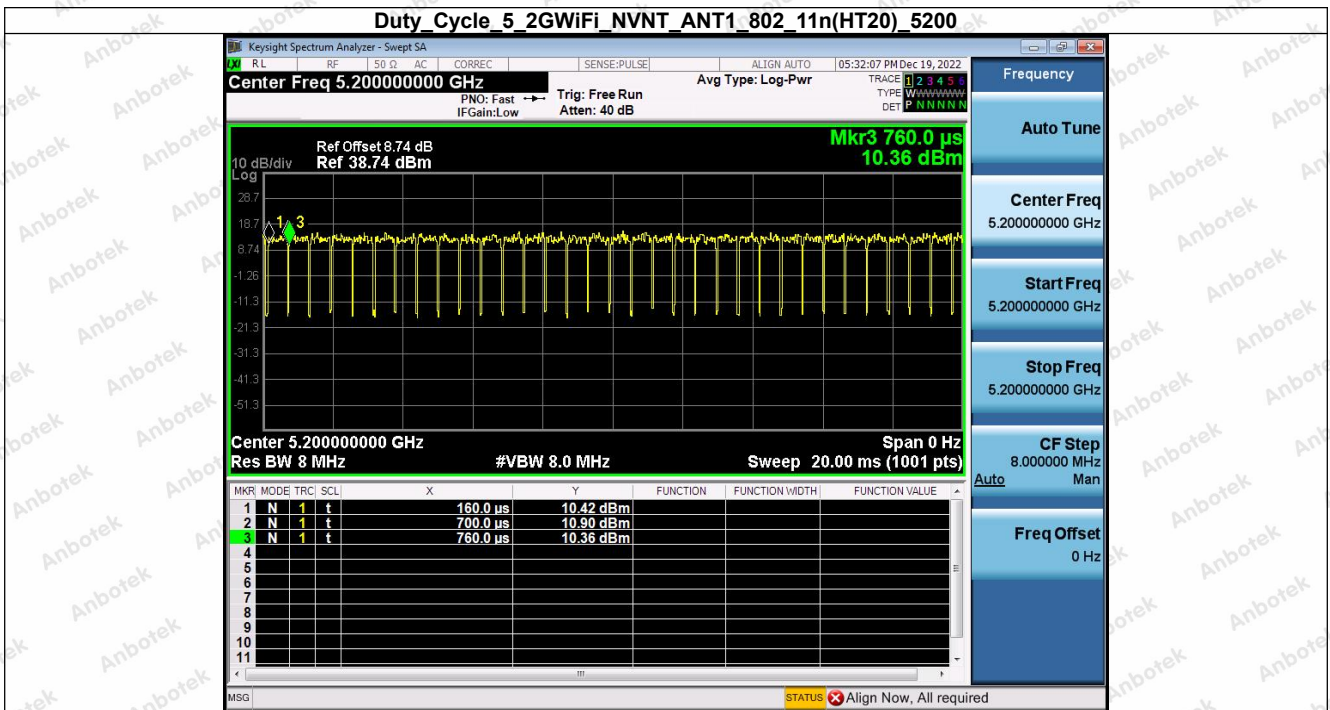
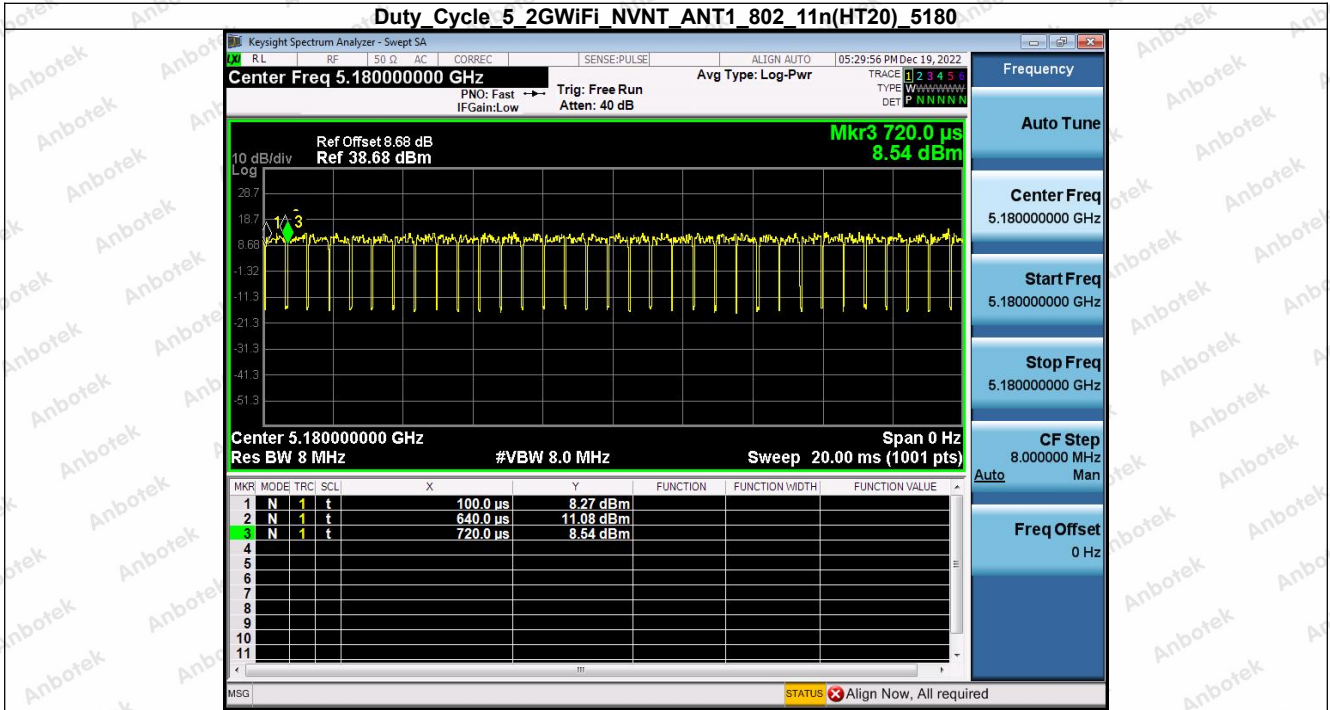


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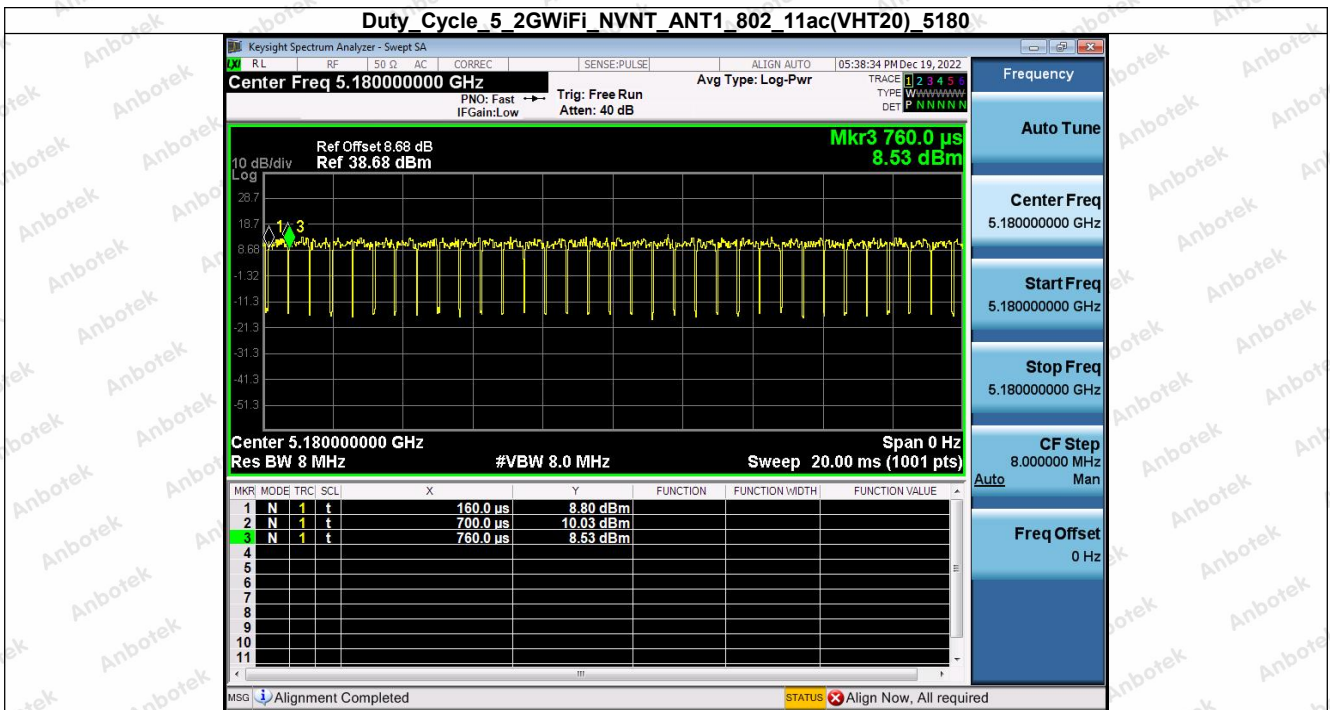
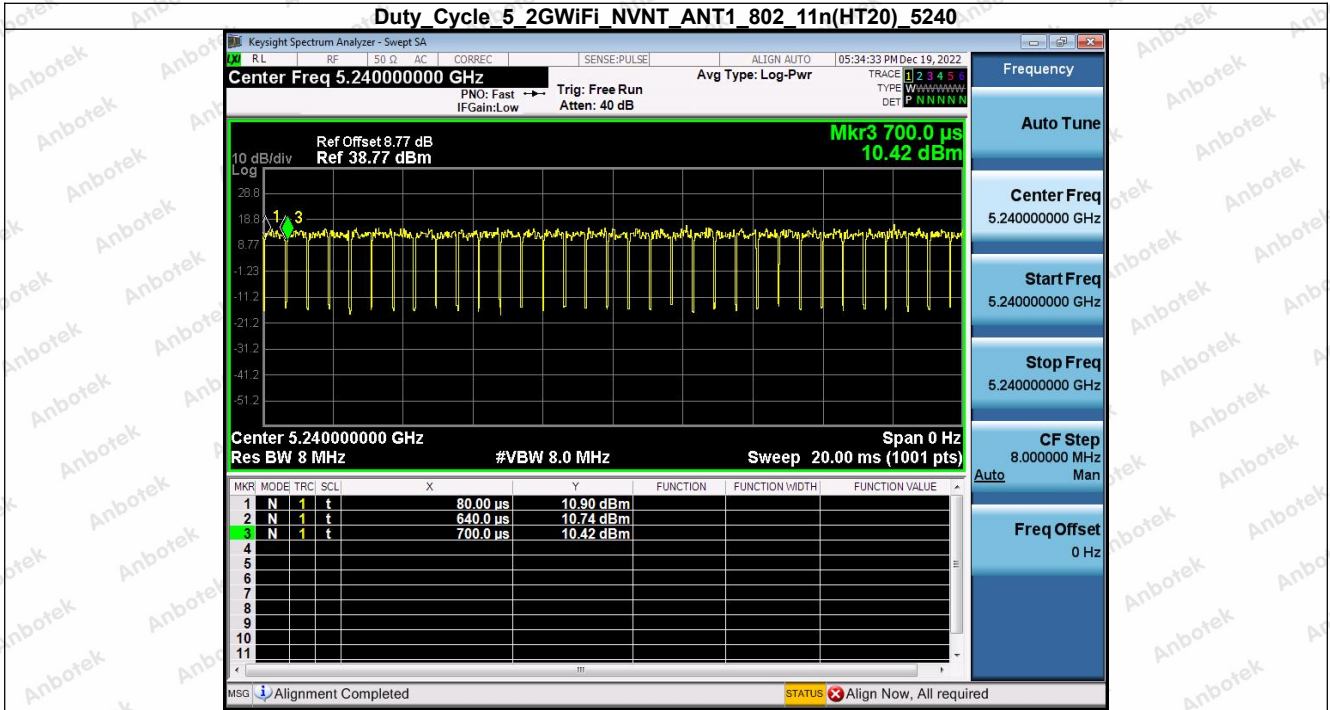


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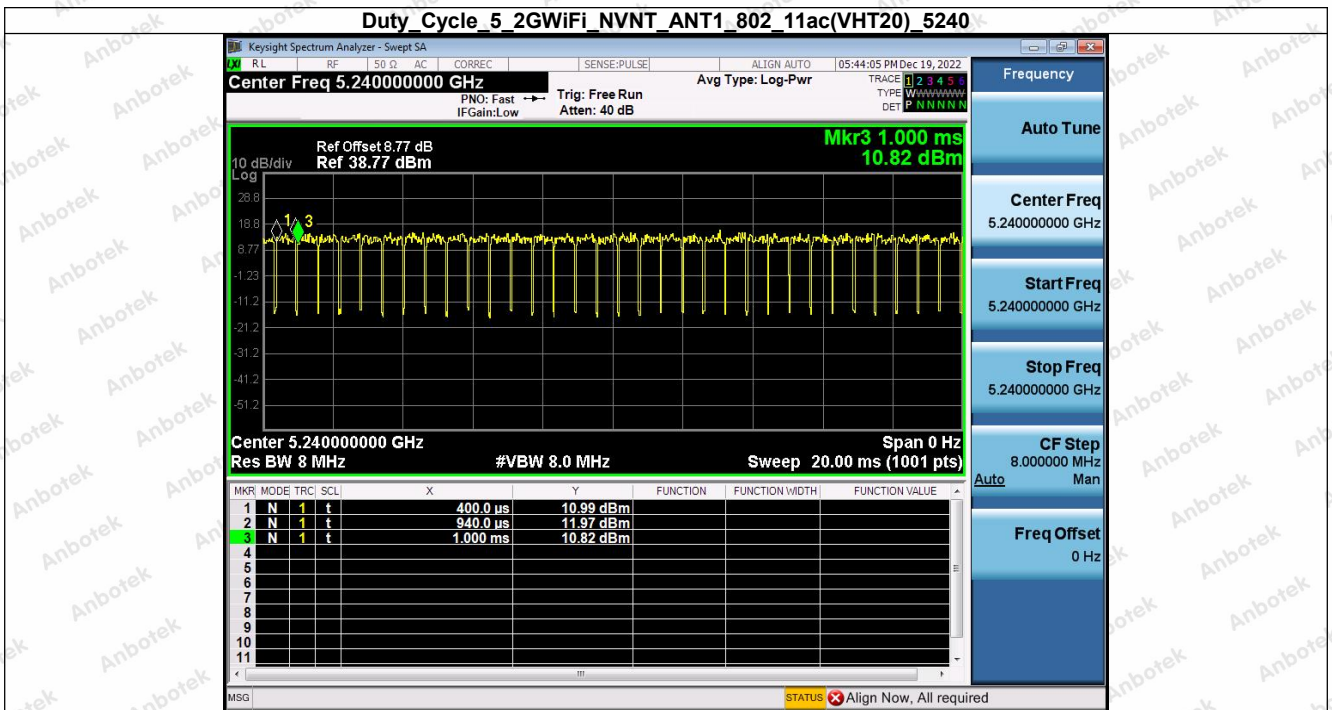
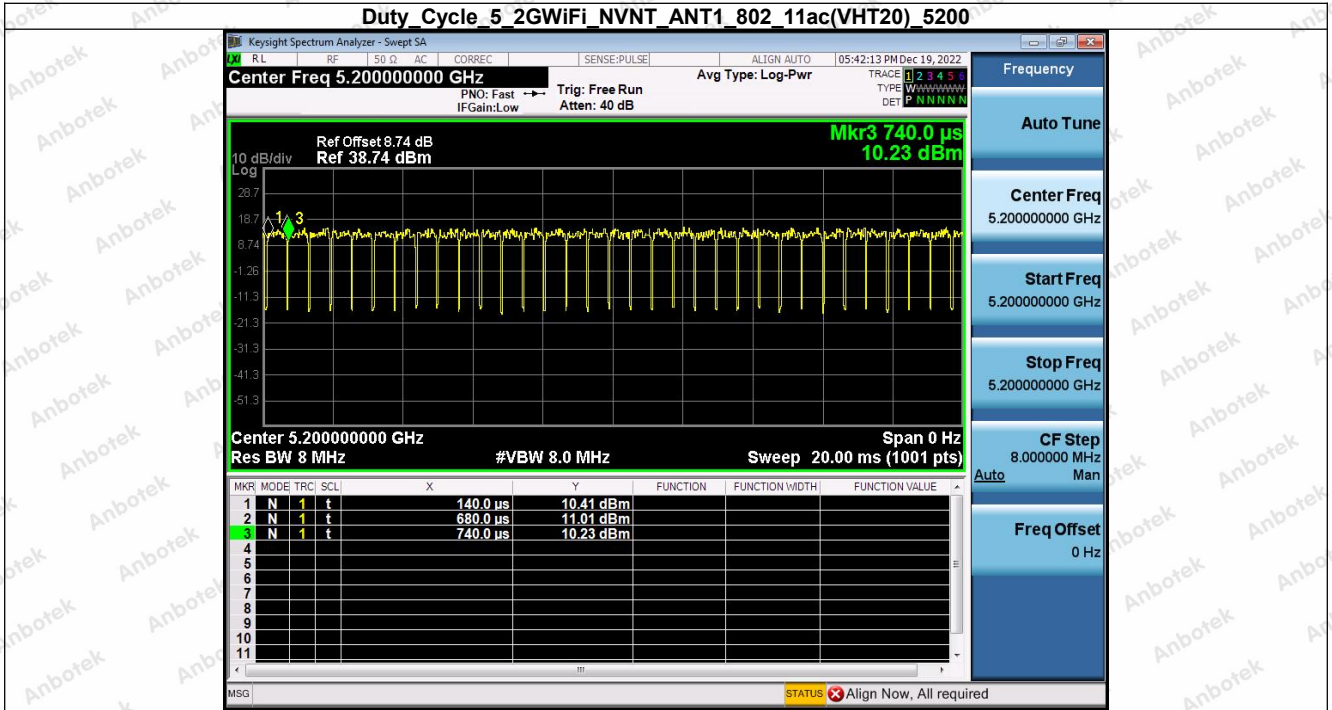


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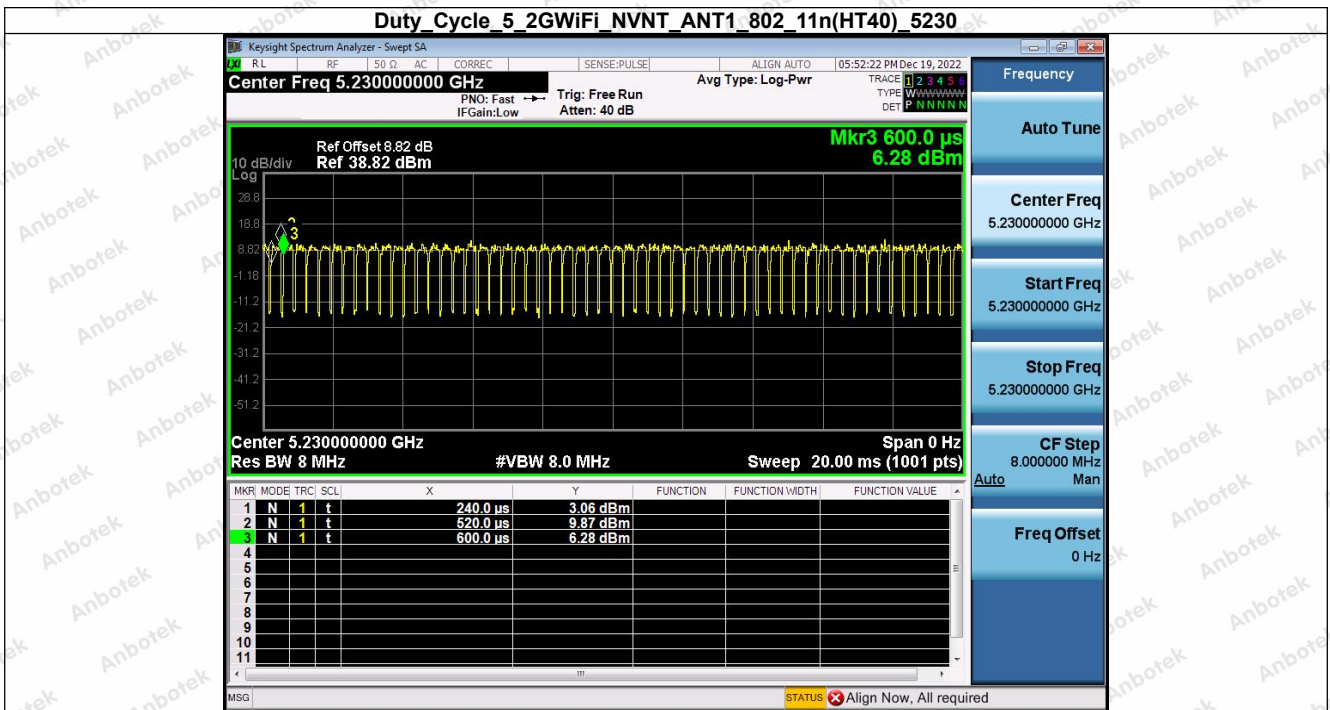
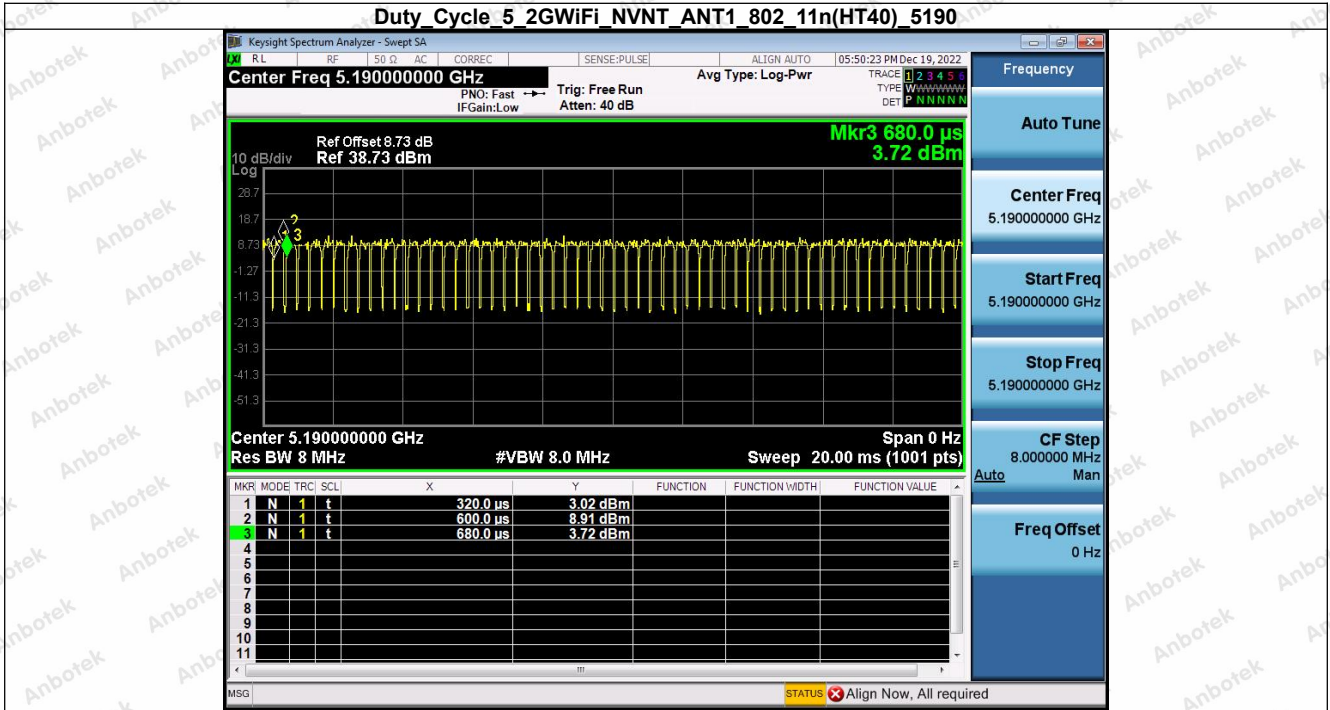


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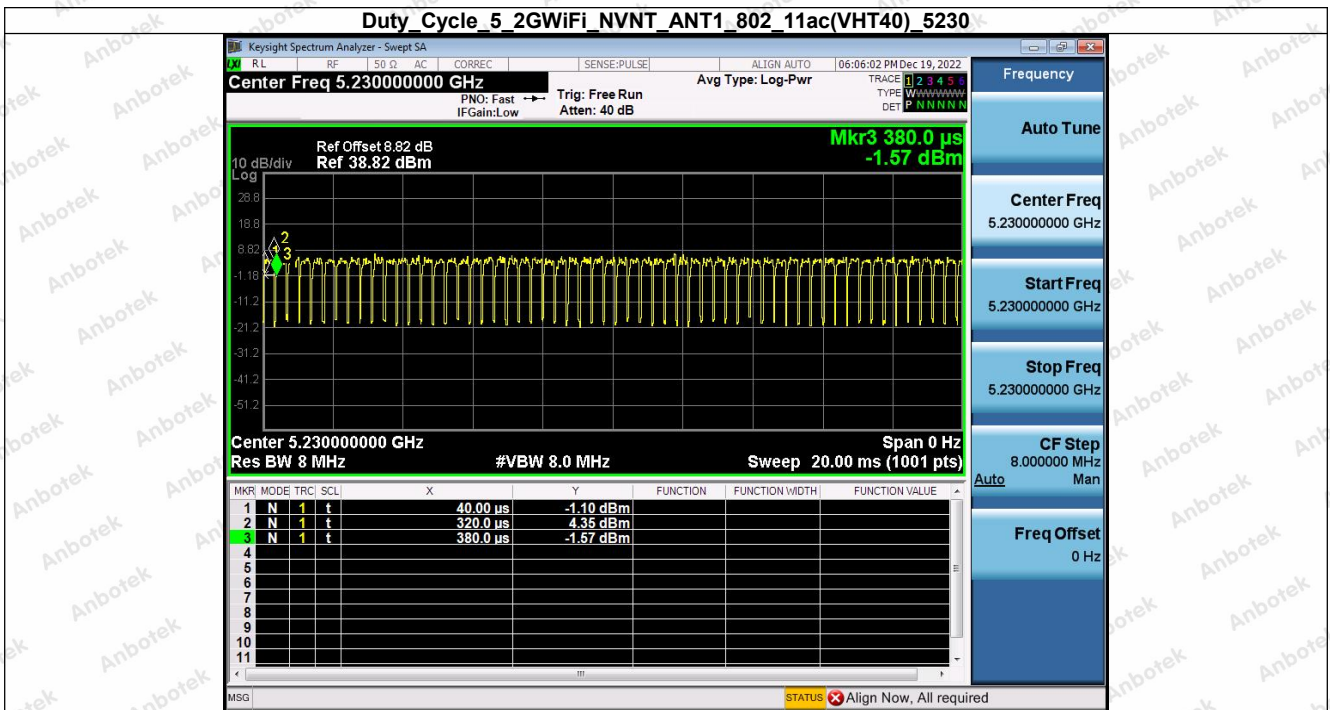
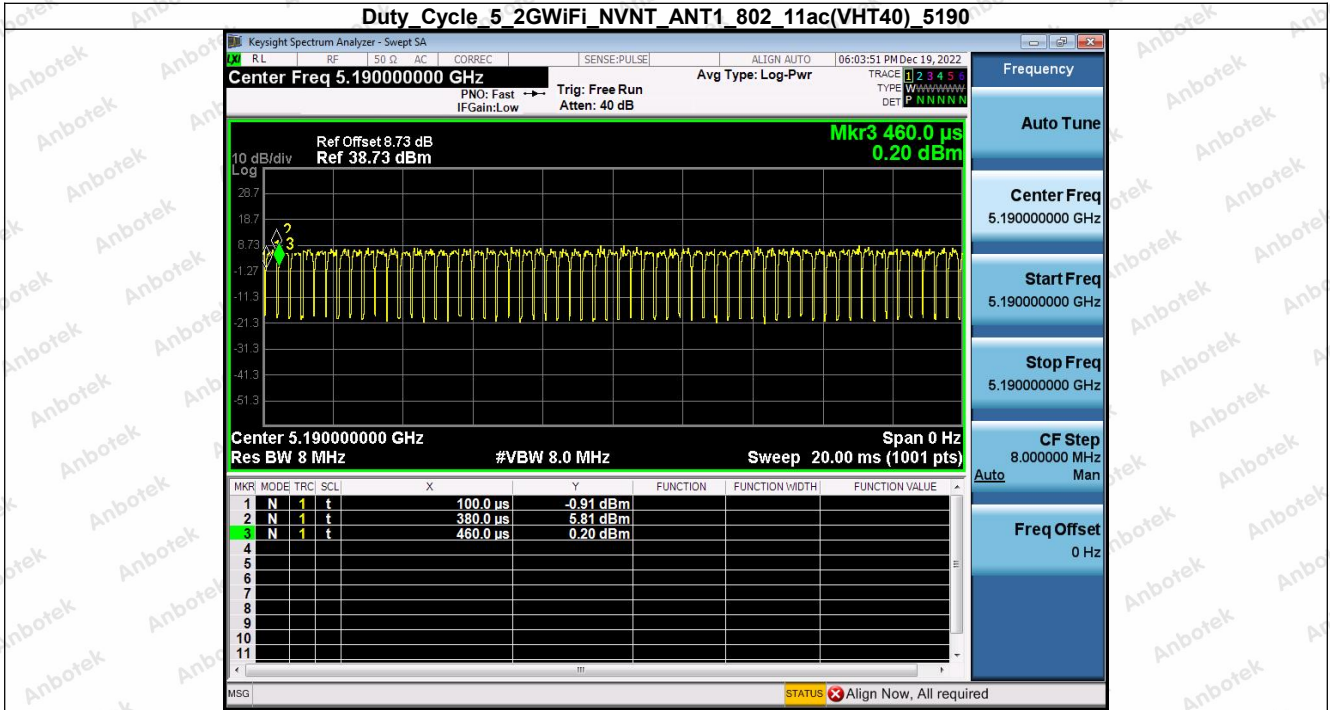


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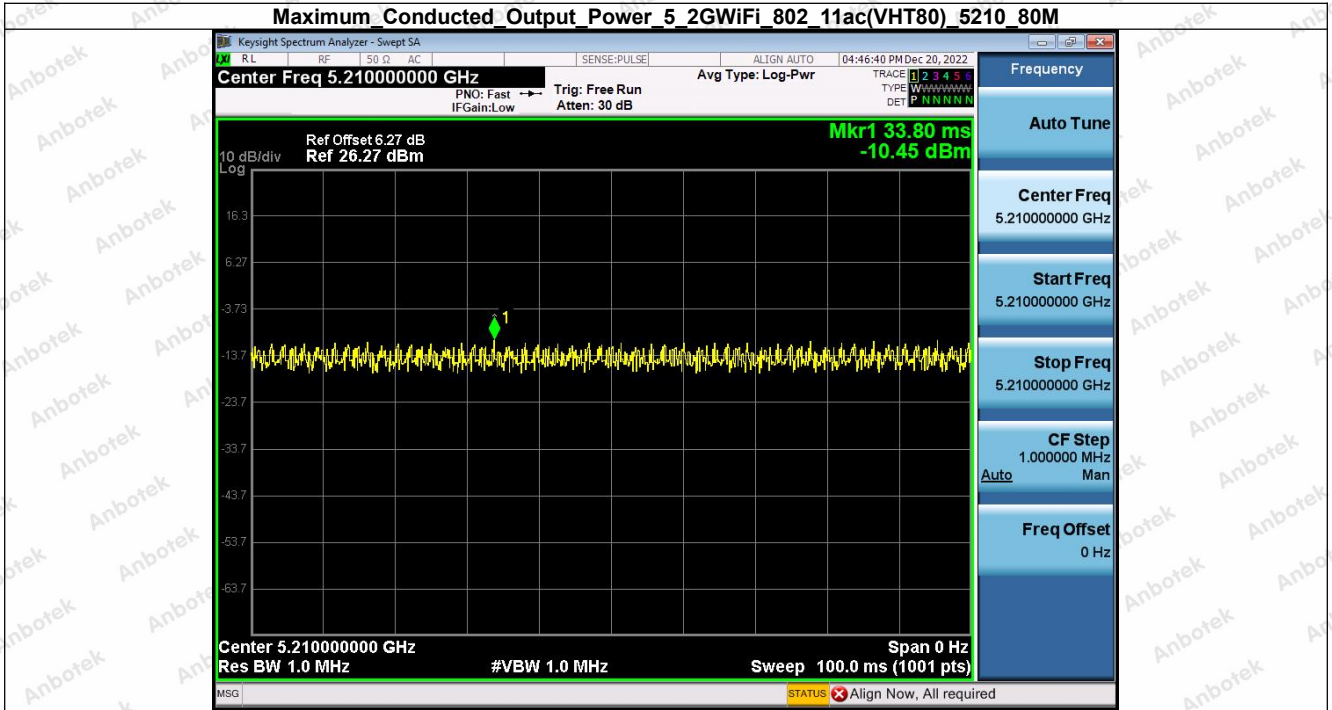


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3. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	14.76	0.79	15.55	24	Pass
NVNT	ANT1	802.11a	5200.00	15.08	1.25	16.33	24	Pass
NVNT	ANT1	802.11a	5240.00	14.33	1.14	15.47	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	12.79	0.44	13.23	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	13.09	0.30	13.39	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	14.63	0.29	14.92	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	12.75	0.30	13.05	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	13.03	0.30	13.33	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	14.06	0.30	14.36	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	12.53	0.79	13.32	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	13.05	0.79	13.84	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	12.50	0.79	13.29	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	12.97	0.84	13.81	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	11.09	0.00	11.09	24	Pass

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4. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	1.179	11	Pass
NVNT	ANT1	802.11a	5200.00	7.075	11	Pass
NVNT	ANT1	802.11a	5240.00	4.672	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	2.005	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	4.554	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	4.508	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	2.323	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	4.243	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	3.613	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-0.100	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	0.041	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-0.313	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-0.230	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-7.442	11	Pass



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