

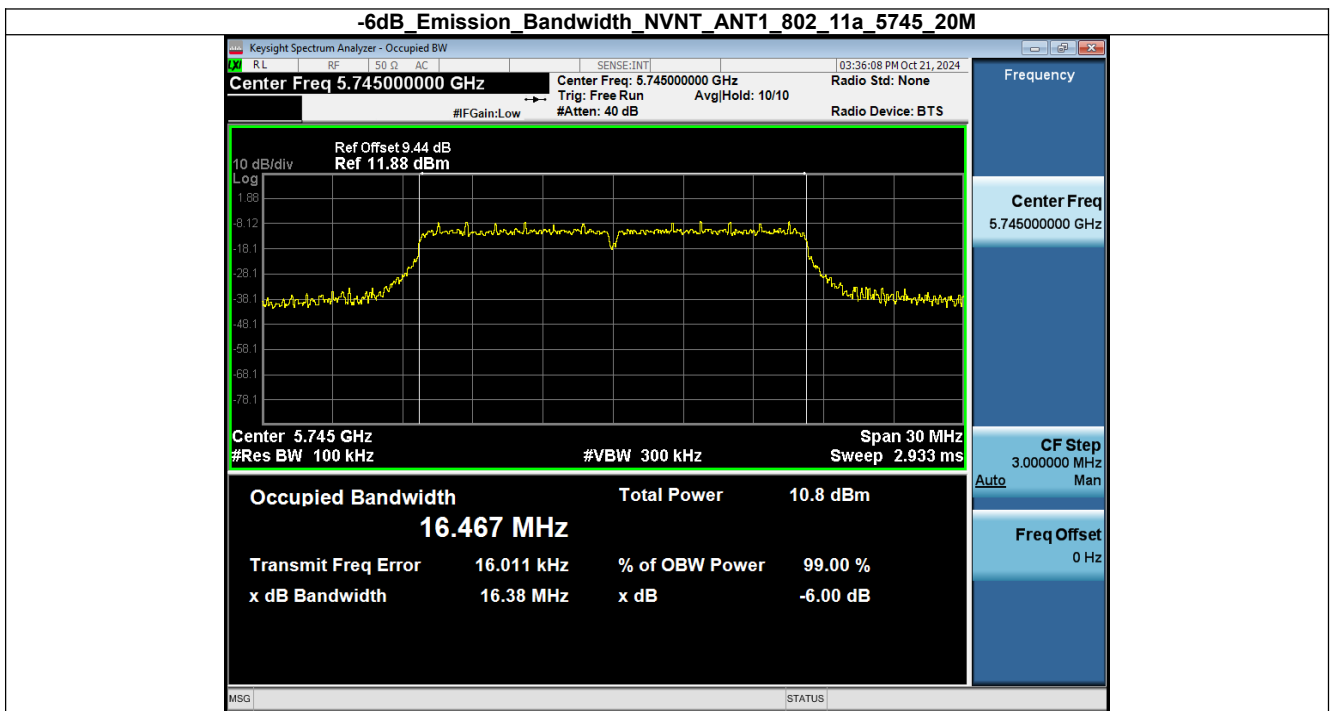
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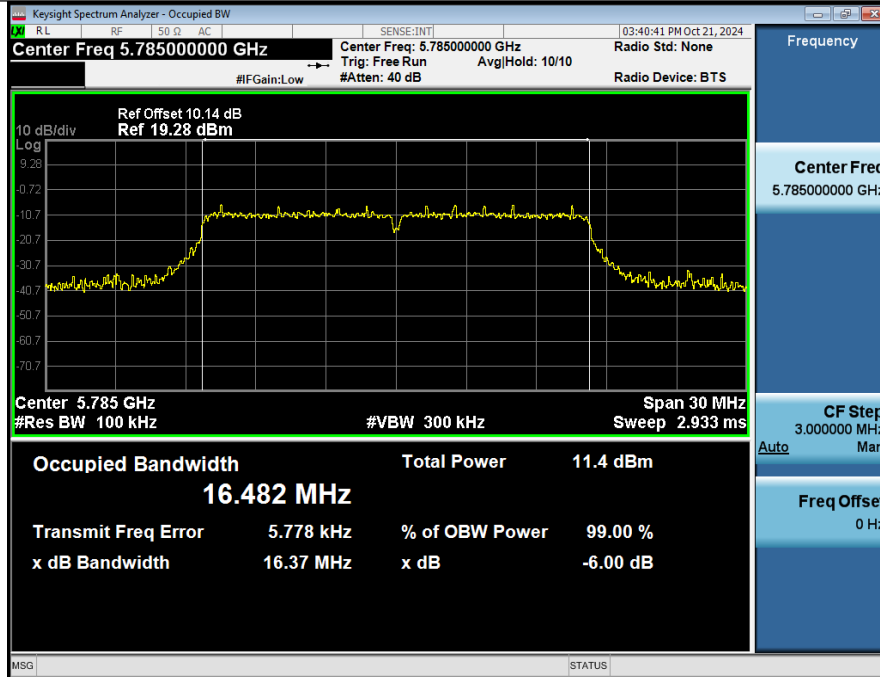
FCC ID:2BCAX-HY320N IC:31576-HY320NTV FCC_5.8G_WIFI (Part15.407) Test Data

1. -6dB Emission Bandwidth

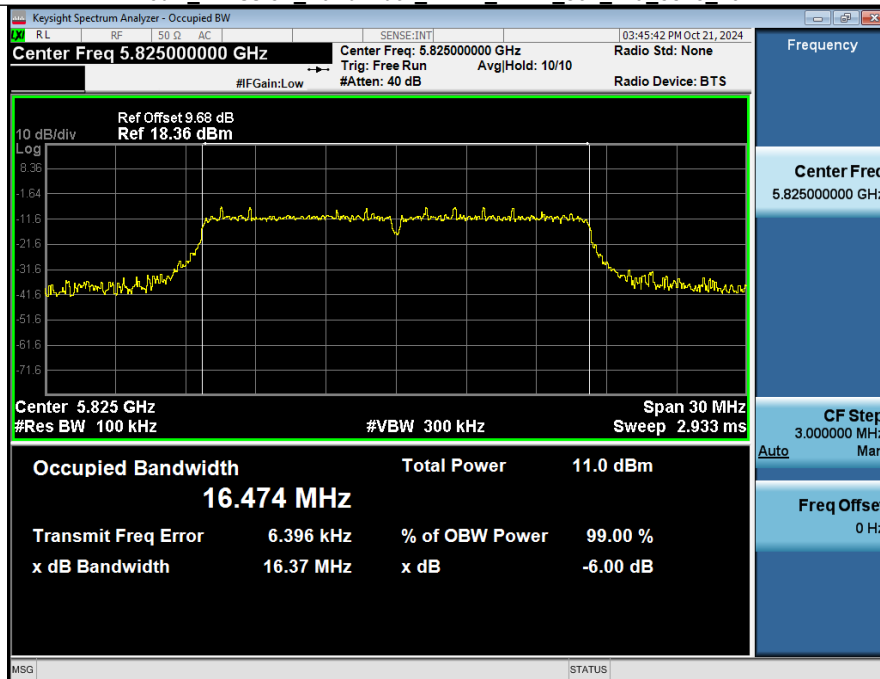
Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	16.380	0.500	Pass
NVNT	ANT1	802.11a	5785.00	16.367	0.500	Pass
NVNT	ANT1	802.11a	5825.00	16.365	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	17.409	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	17.568	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	17.252	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	17.415	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	17.534	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	17.551	0.500	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	17.363	0.500	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	17.591	0.500	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	17.562	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	35.806	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	35.950	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	35.912	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	35.938	0.500	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	35.617	0.500	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	35.890	0.500	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	75.763	0.500	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	75.761	0.500	Pass



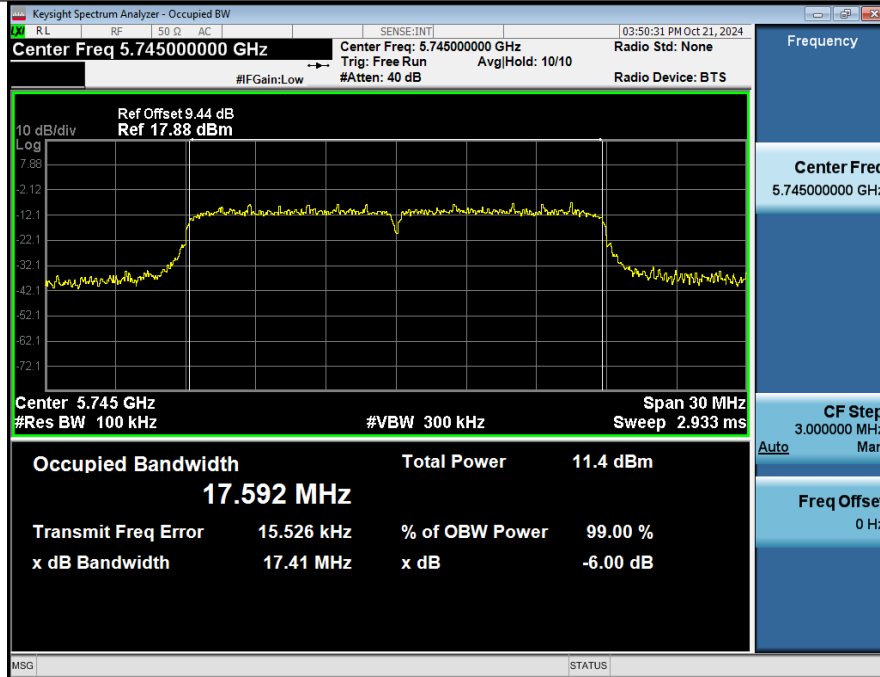
-6dB Emission Bandwidth_NVNT_ANT1_802_11a_5785_20M



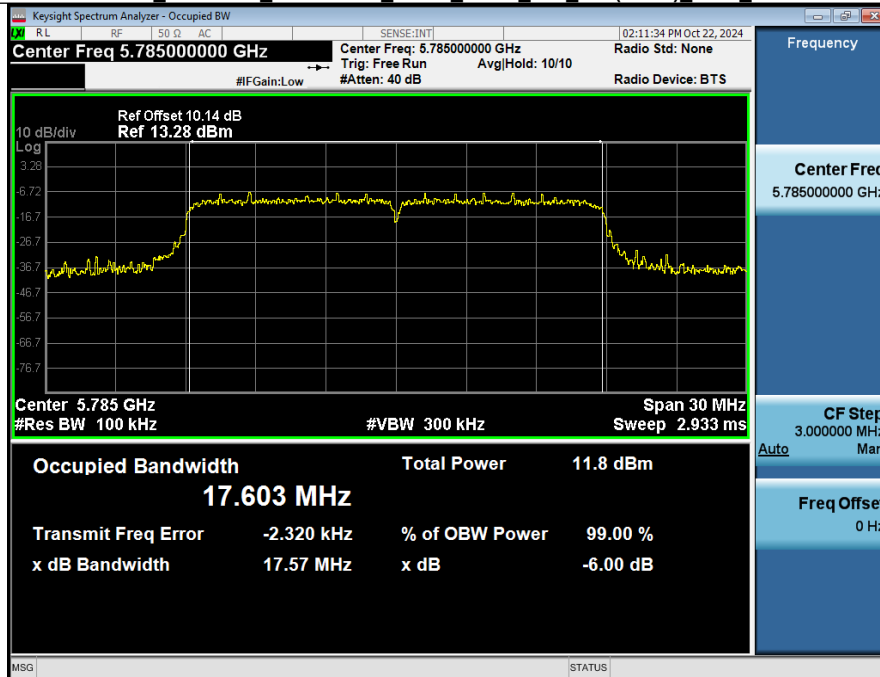
-6dB Emission Bandwidth_NVNT_ANT1_802_11a_5825_20M



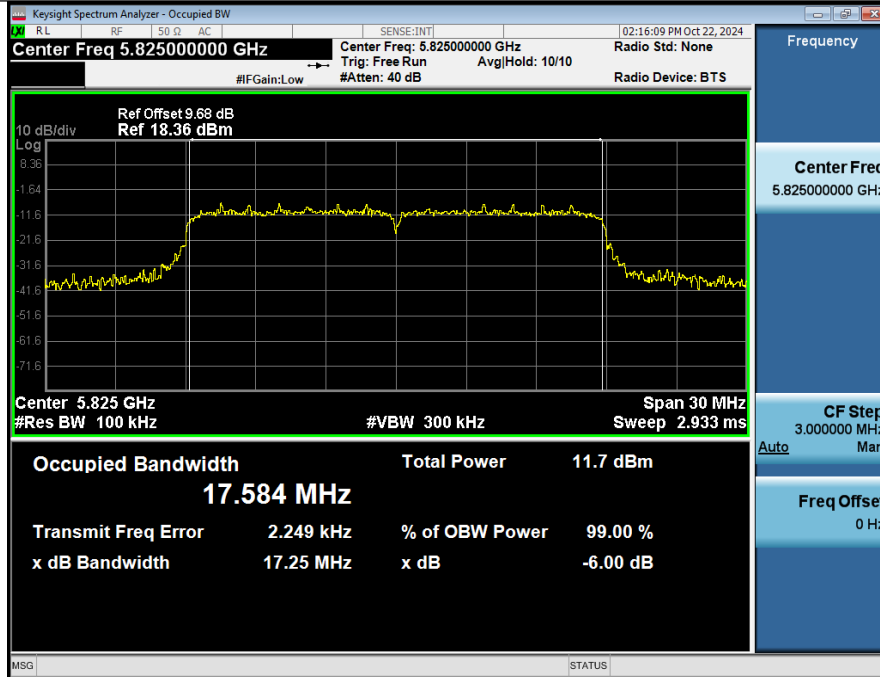
-6dB Emission Bandwidth_NVNT_ANT1_802_11n(HT20)_5745_20M



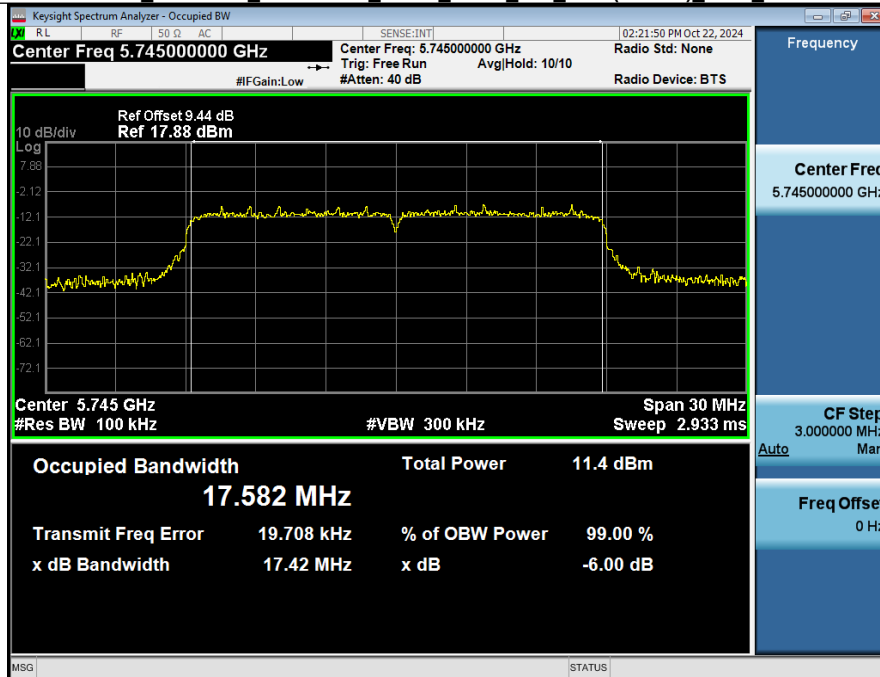
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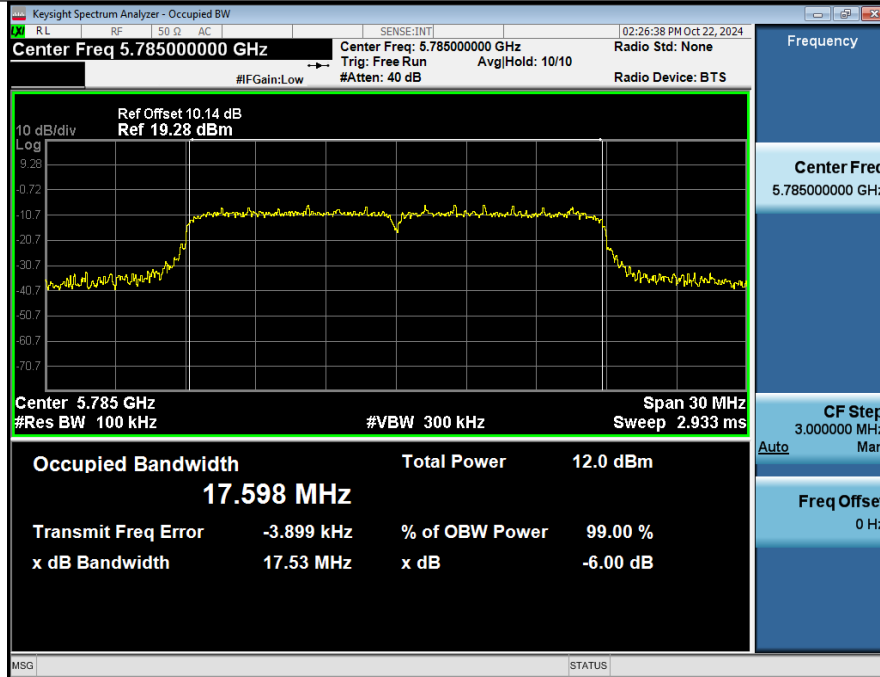
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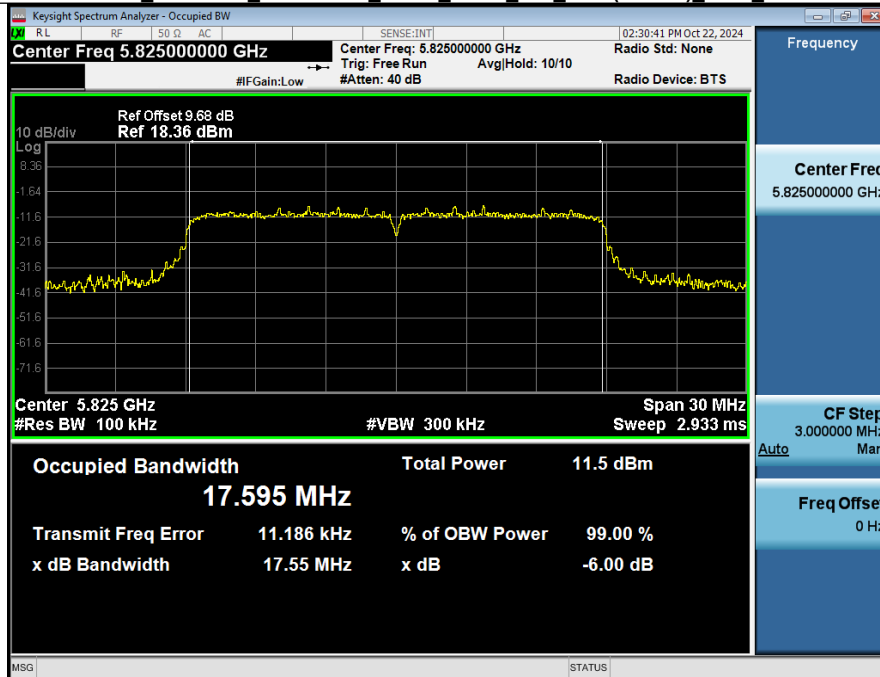
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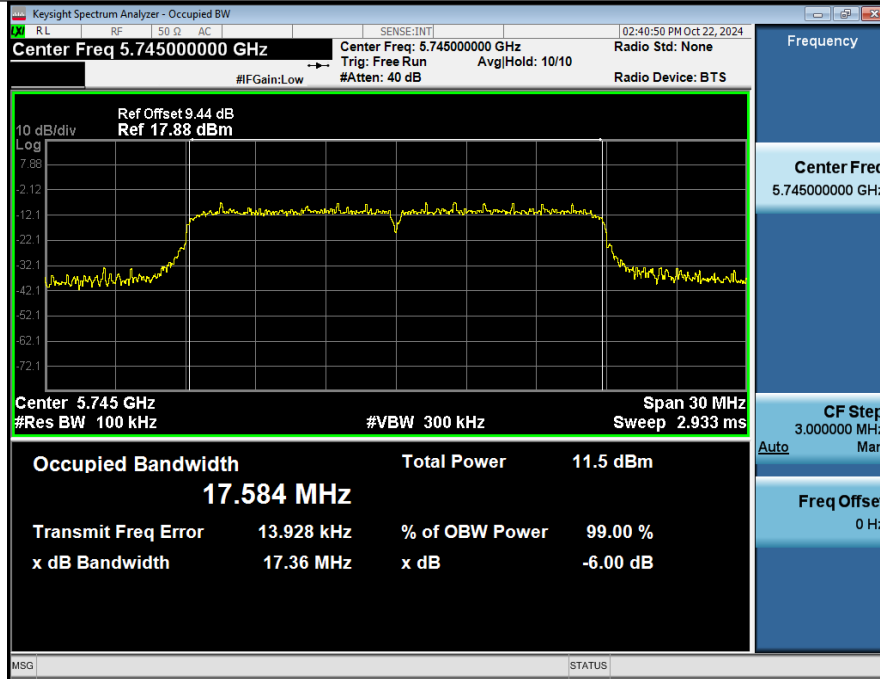
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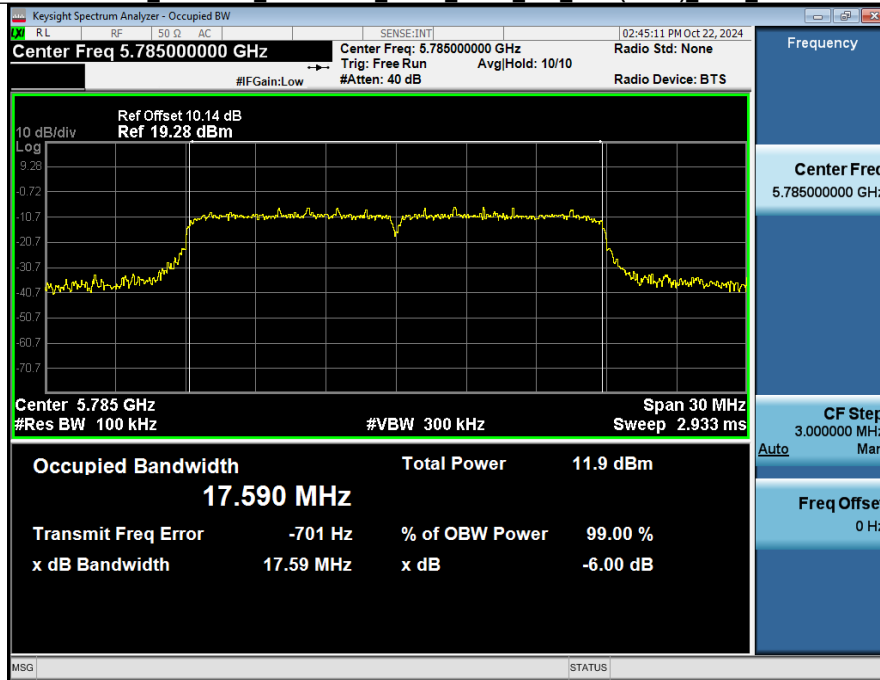
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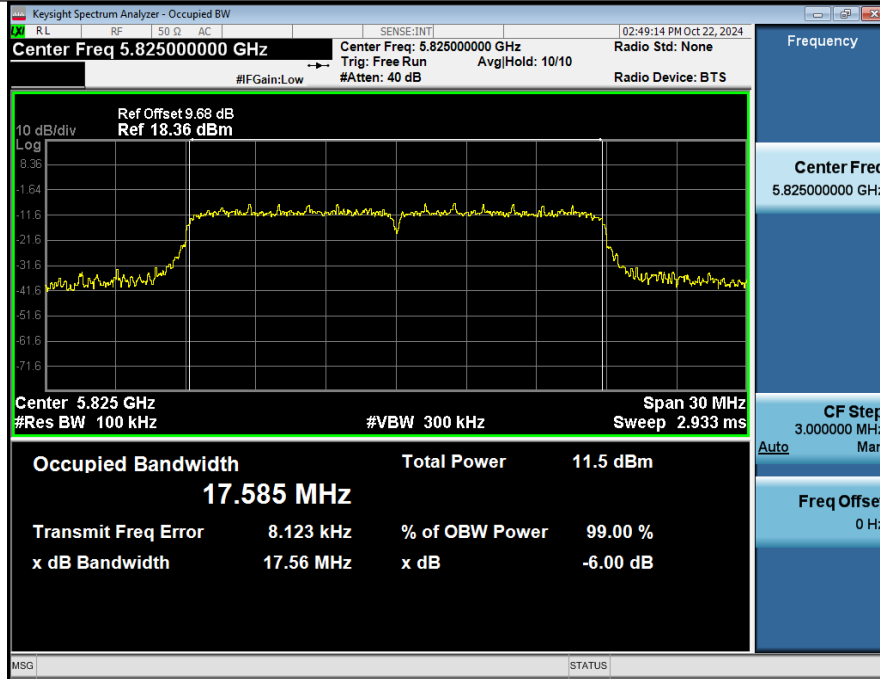
-6dB Emission Bandwidth_NVNT_ANT1_802_11ax(HE20)_5745_20M



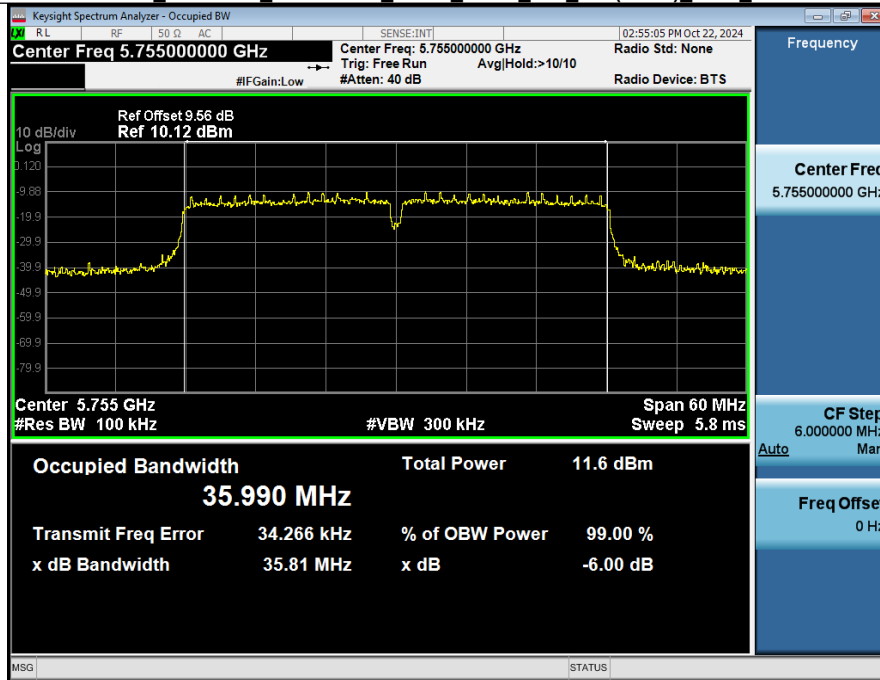
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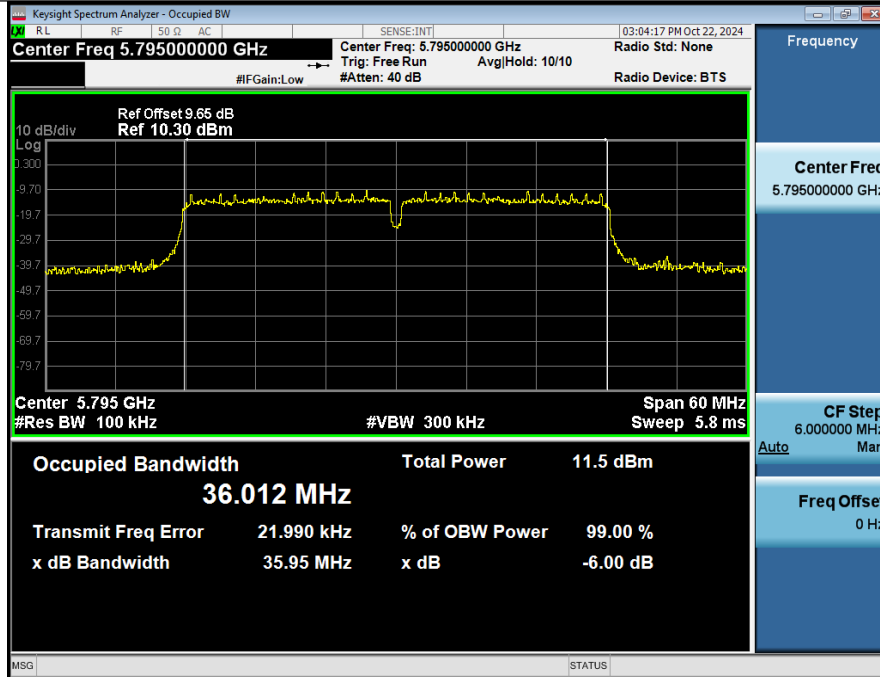
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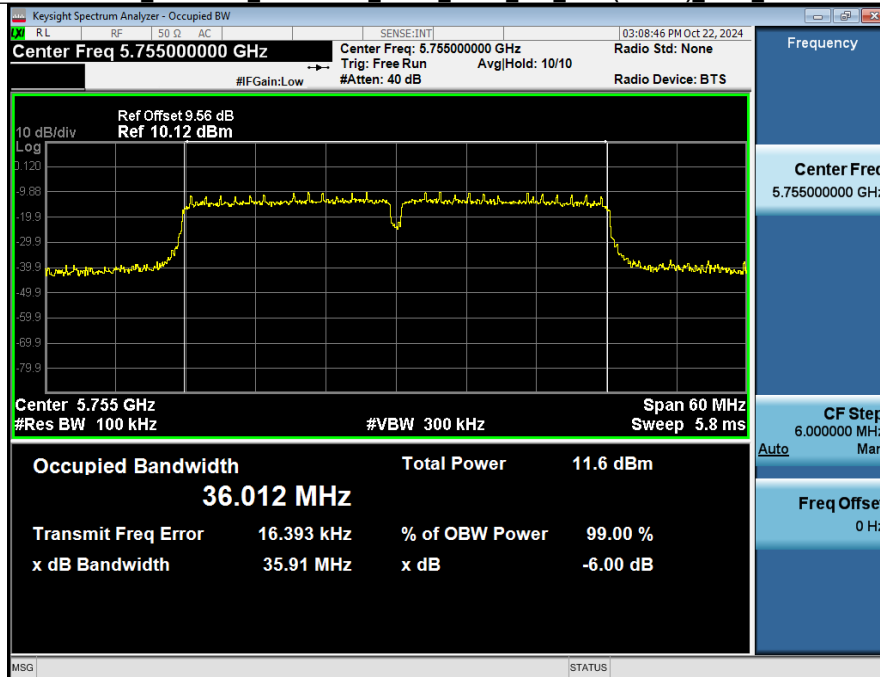
-6dB Emission Bandwidth_NVNT_ANT1_802_11n(HT40)_5755_40M



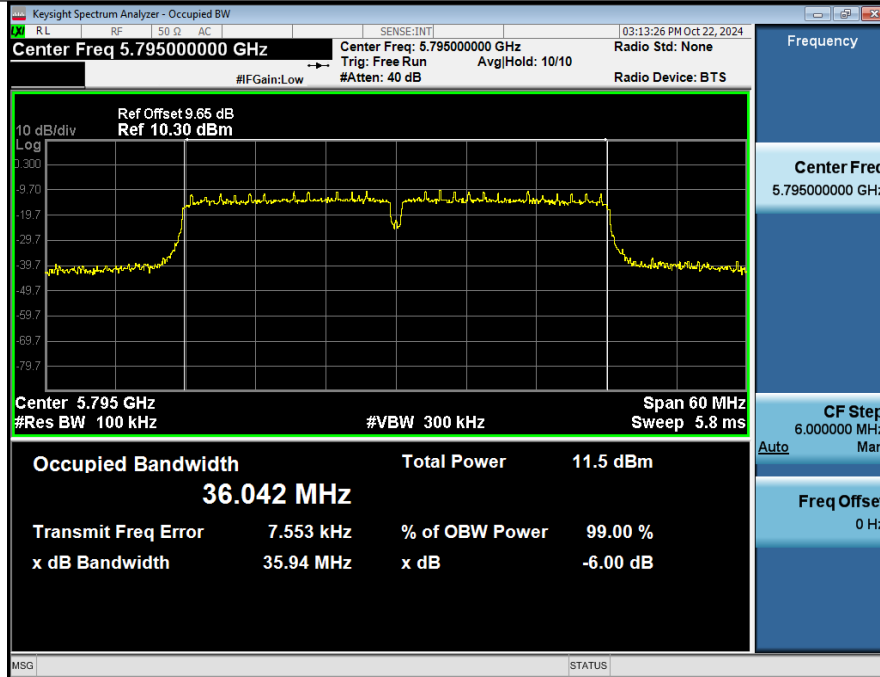
-6dB Emission Bandwidth NVNT_ANT1_802_11n(HT40)_5795_40M



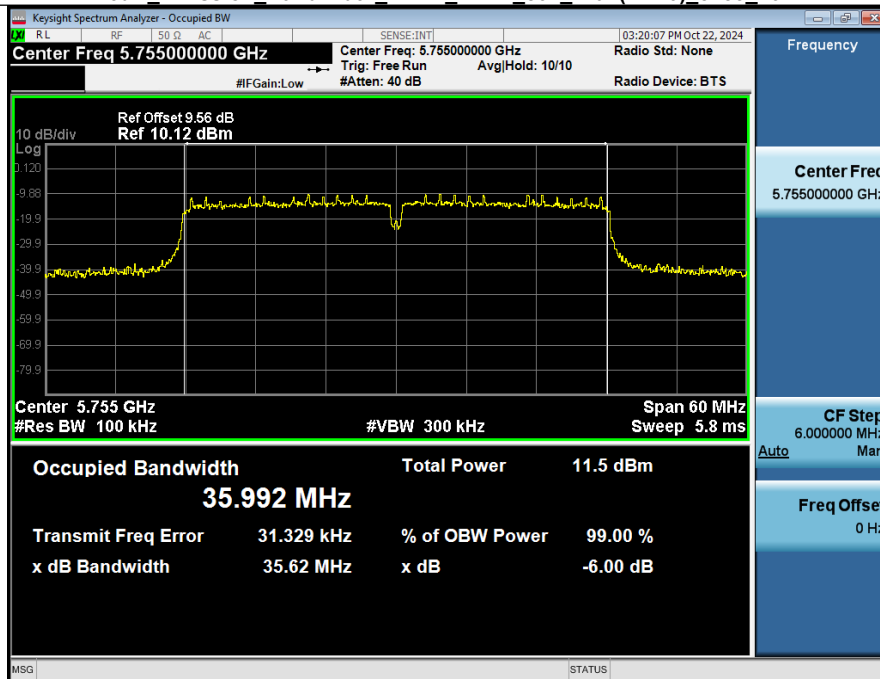
-6dB Emission Bandwidth NVNT_ANT1_802_11ac(VHT40)_5755_40M



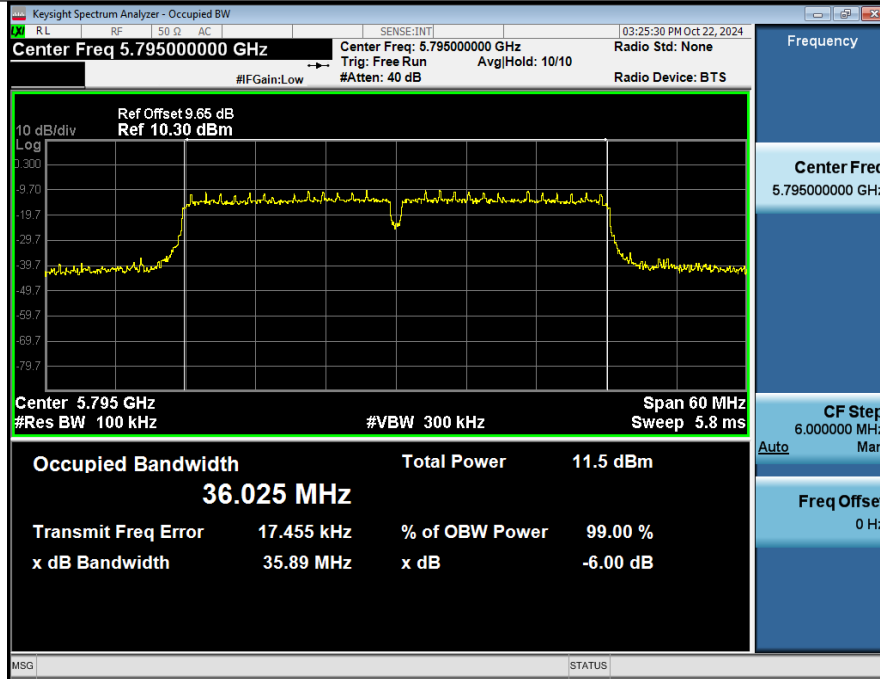
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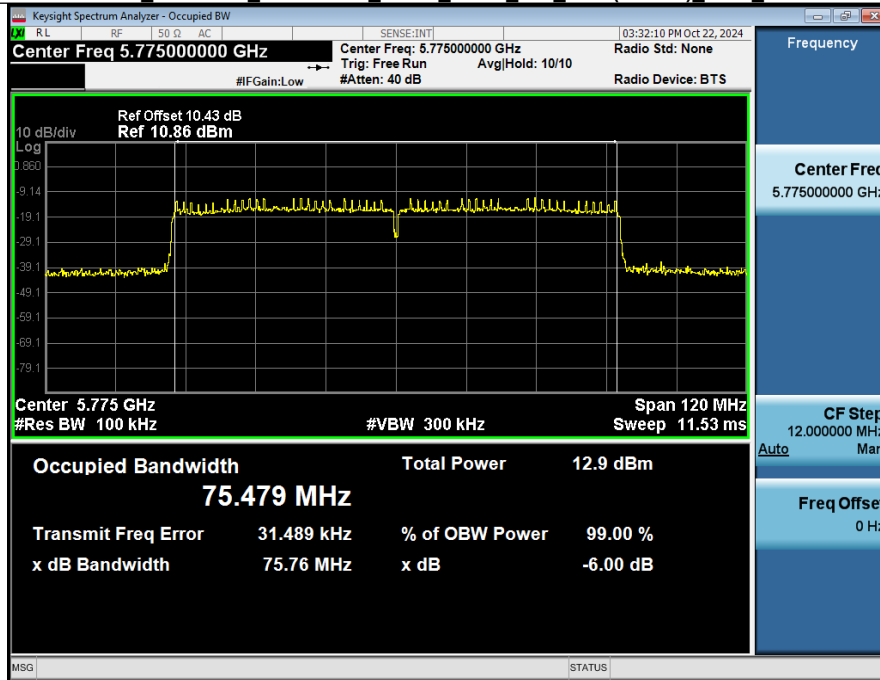
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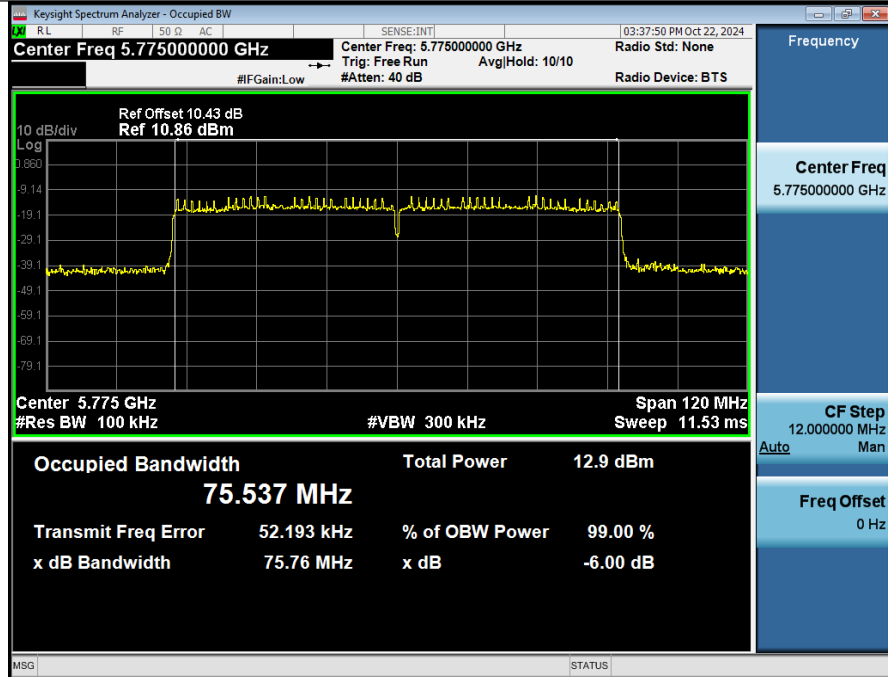
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-6dB Emission Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5775_80M

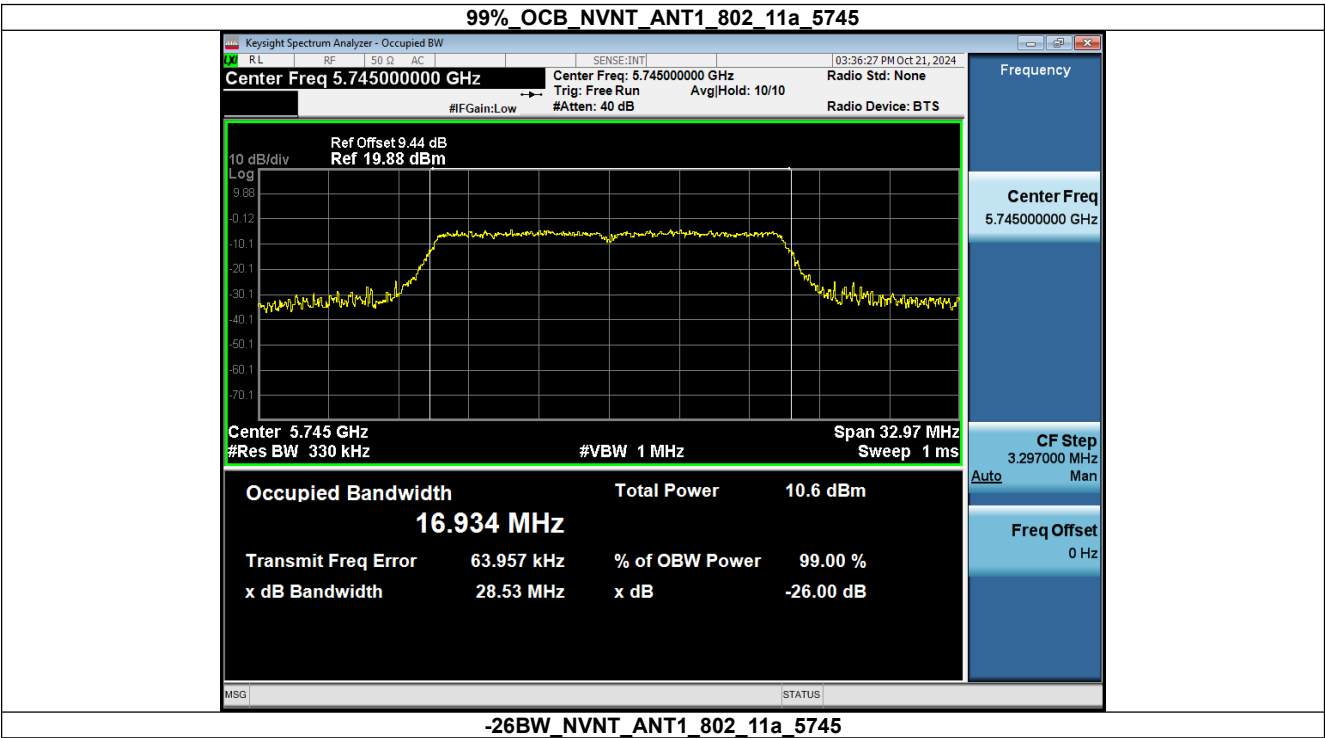


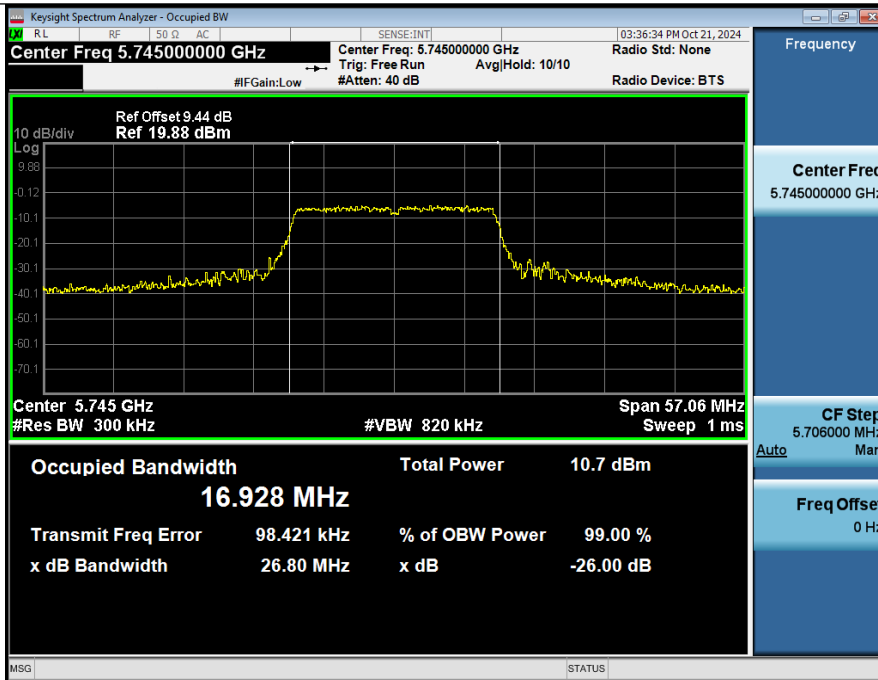
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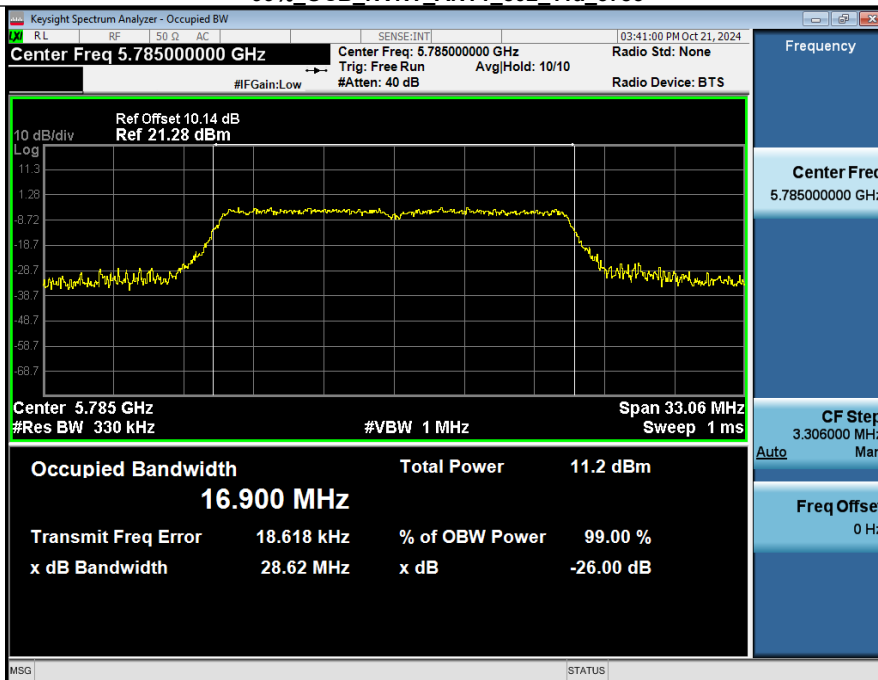
2. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	26.80	16.93
NVNT	ANT1	802.11a	5785.00	26.08	16.90
NVNT	ANT1	802.11a	5825.00	29.46	16.84
NVNT	ANT1	802.11n(HT20)	5745.00	29.84	17.85
NVNT	ANT1	802.11n(HT20)	5785.00	30.62	17.85
NVNT	ANT1	802.11n(HT20)	5825.00	32.28	17.83
NVNT	ANT1	802.11ac(VHT20)	5745.00	30.16	17.85
NVNT	ANT1	802.11ac(VHT20)	5785.00	27.32	17.86
NVNT	ANT1	802.11ac(VHT20)	5825.00	30.73	17.85
NVNT	ANT1	802.11ax(HE20)	5745.00	28.88	17.84
NVNT	ANT1	802.11ax(HE20)	5785.00	33.10	17.84
NVNT	ANT1	802.11ax(HE20)	5825.00	27.11	17.83
NVNT	ANT1	802.11n(HT40)	5755.00	51.12	36.33
NVNT	ANT1	802.11n(HT40)	5795.00	46.87	36.41
NVNT	ANT1	802.11ac(VHT40)	5755.00	44.94	36.36
NVNT	ANT1	802.11ac(VHT40)	5795.00	42.67	36.45
NVNT	ANT1	802.11ax(HE40)	5755.00	43.39	36.36
NVNT	ANT1	802.11ax(HE40)	5795.00	44.32	36.41
NVNT	ANT1	802.11ac(VHT80)	5775.00	130.51	75.90
NVNT	ANT1	802.11ax(HE80)	5775.00	171.88	75.95

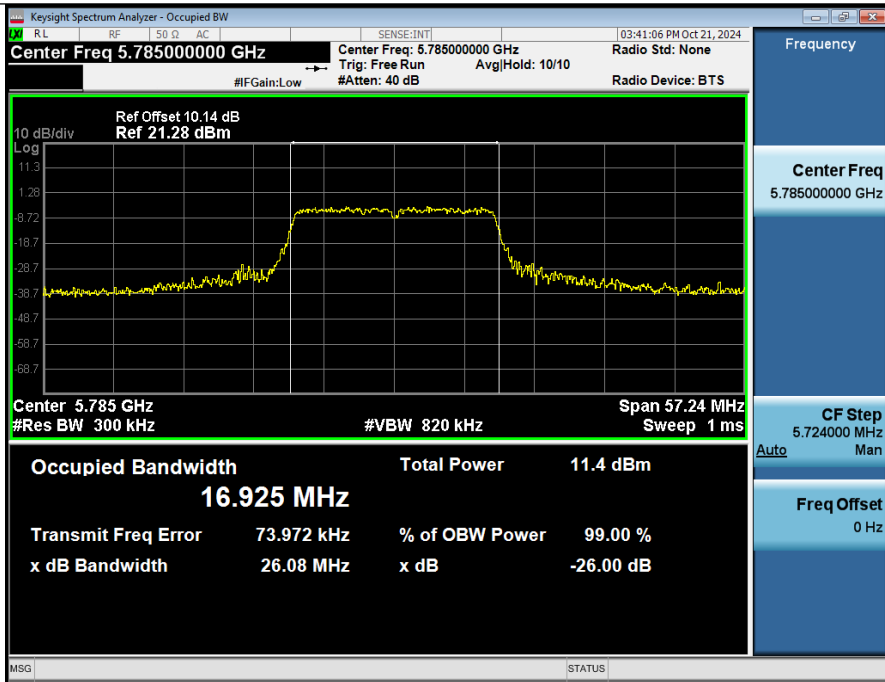




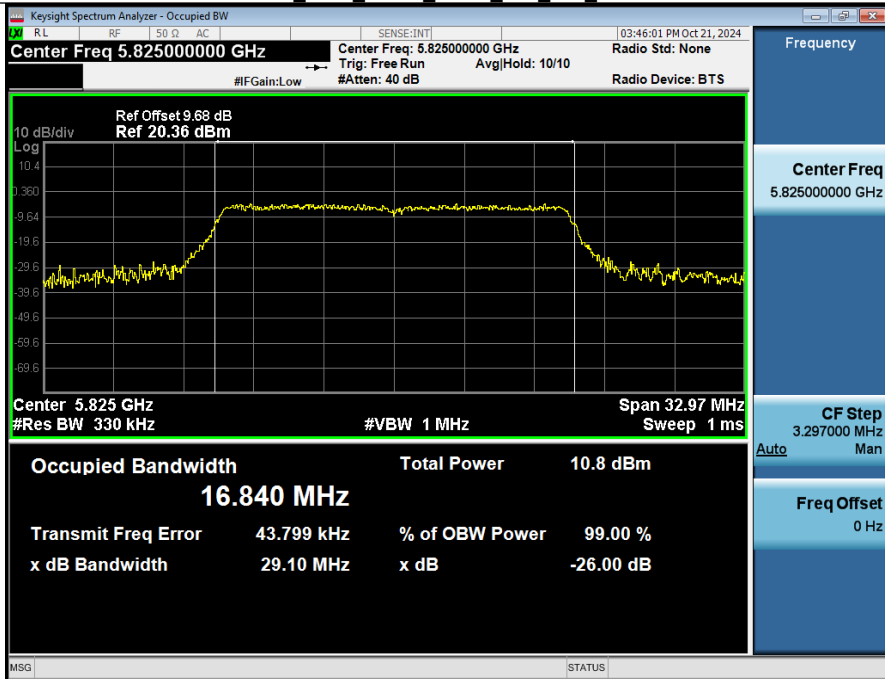
99% OCB NVNT_ANT1_802_11a_5785



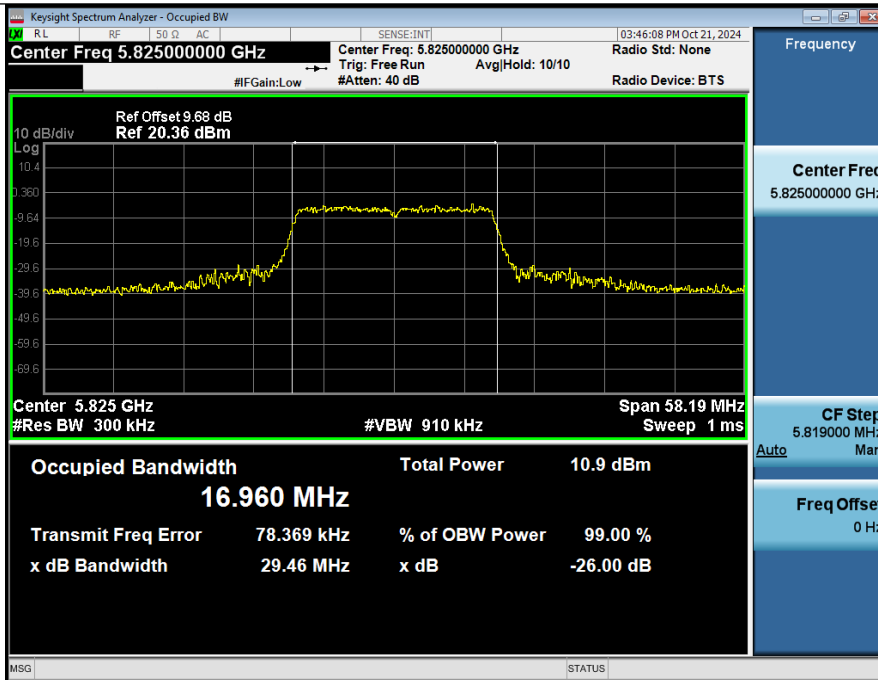
-26BW_NVNT_ANT1_802_11a_5785



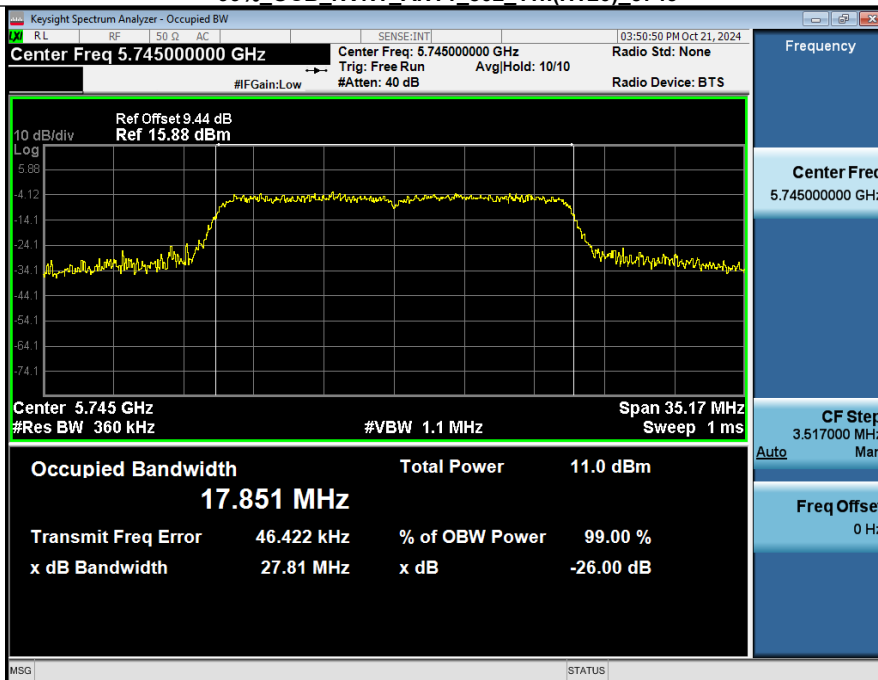
99% OCB NVNT_ANT1_802_11a_5825



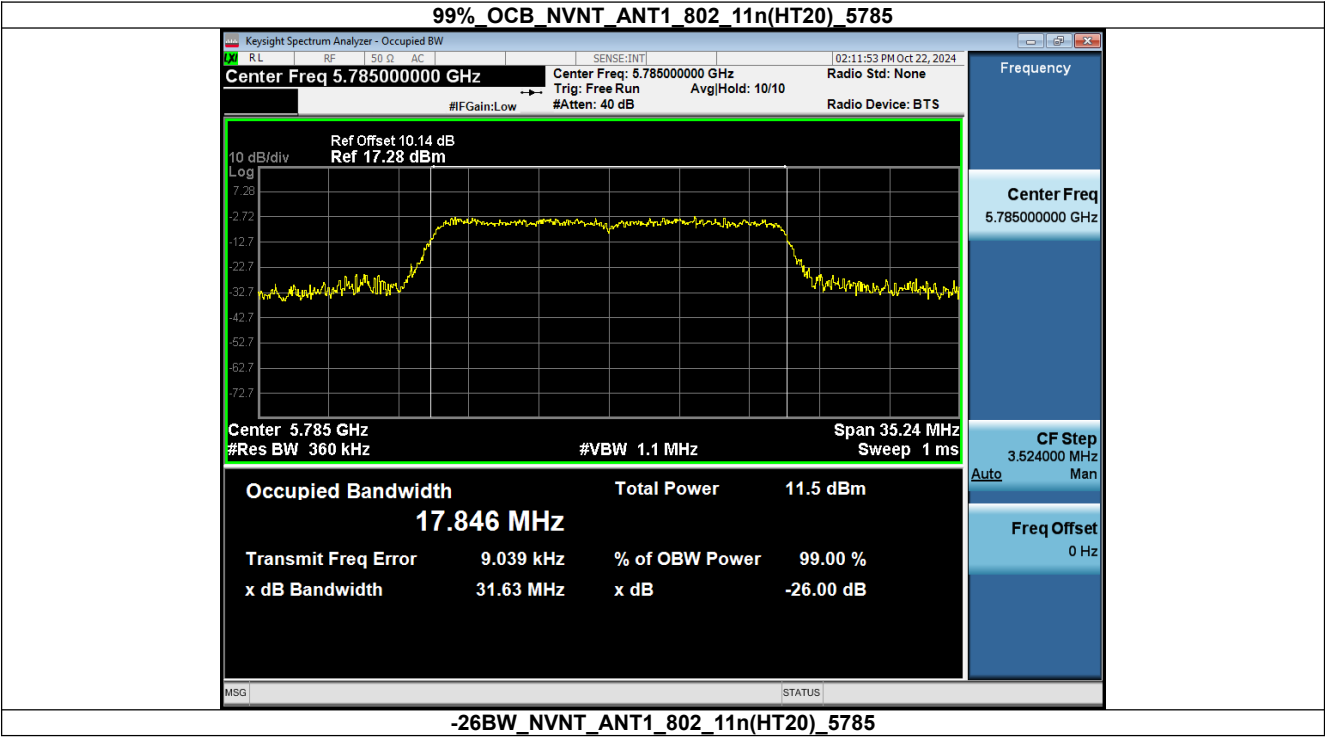
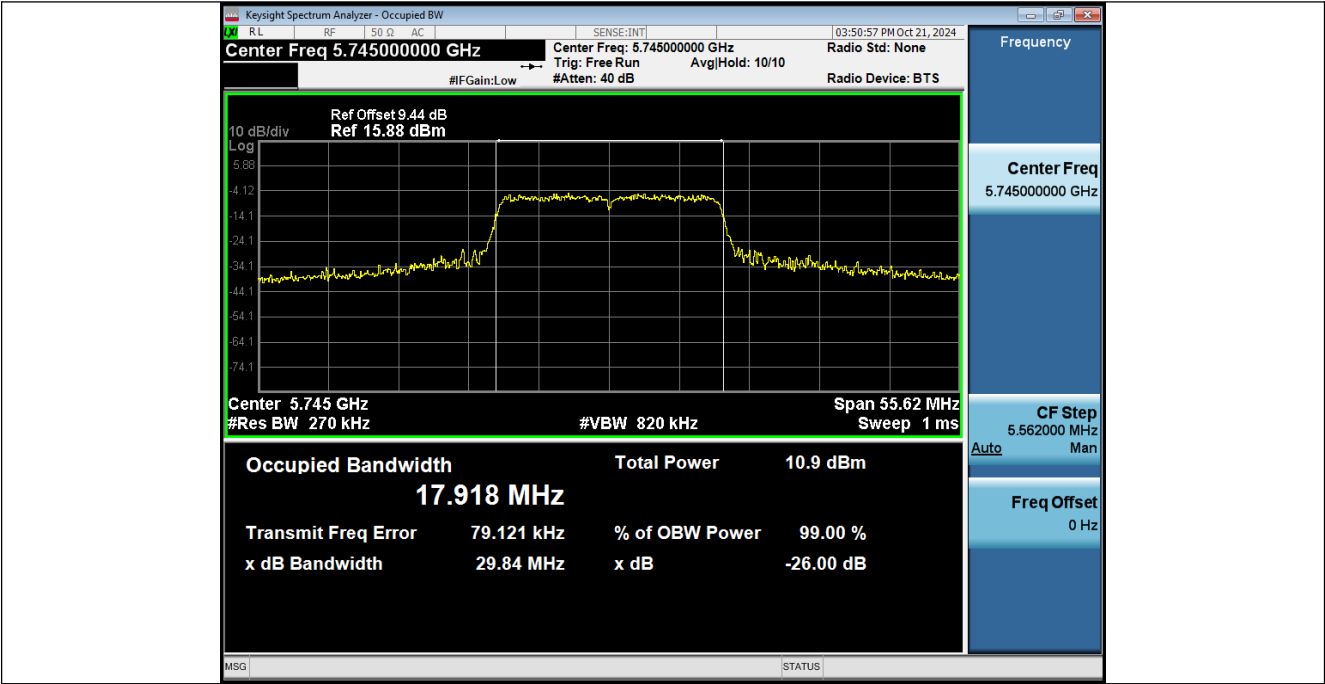
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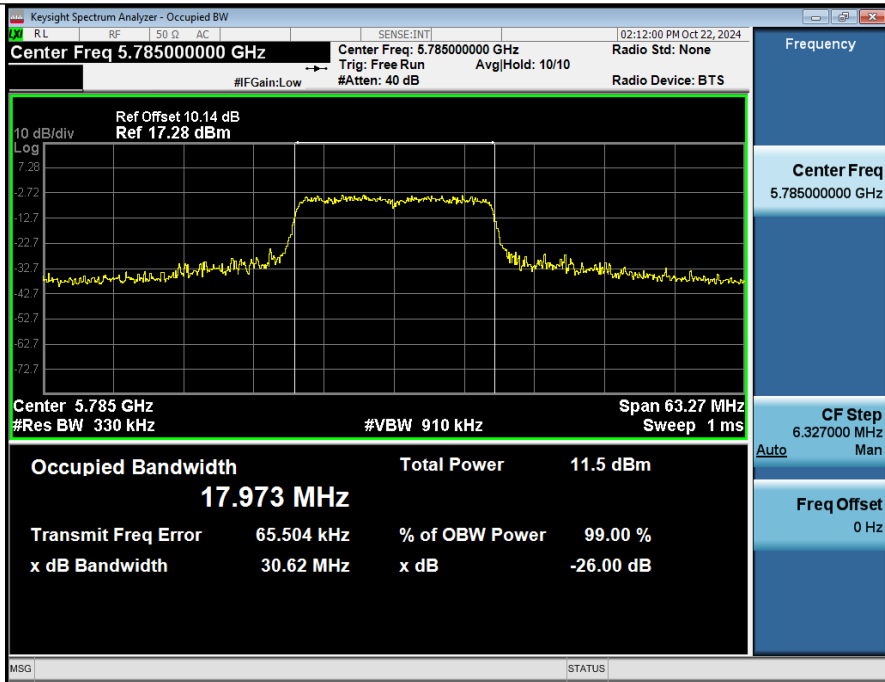


99%_OCB_NVNT_ANT1_802_11n(HT20)_5745

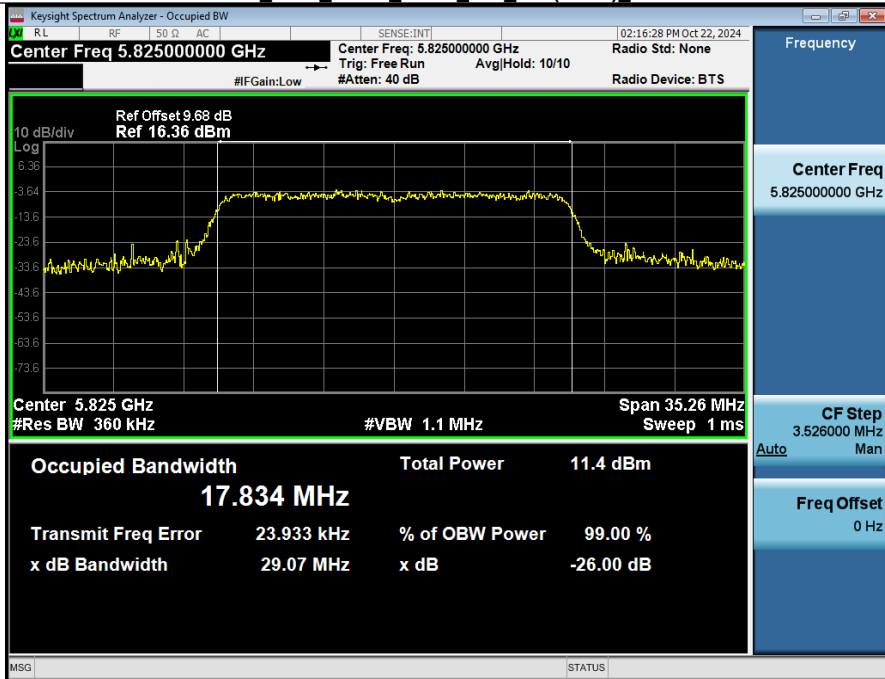


-26BW_NVNT_ANT1_802_11n(HT20)_5745

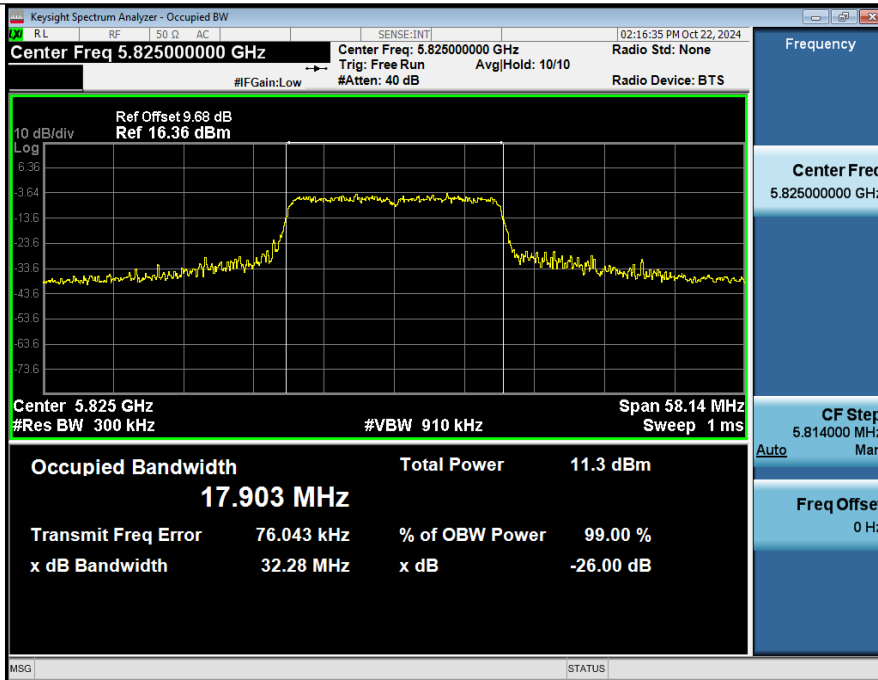




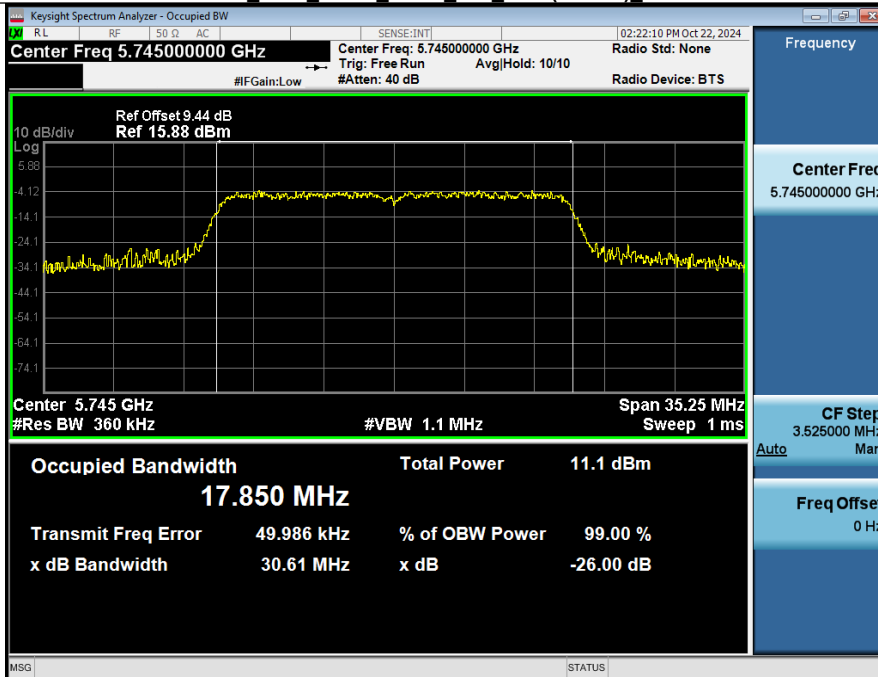
99%_OCB_NVNT_ANT1_802_11n(HT20)_5825



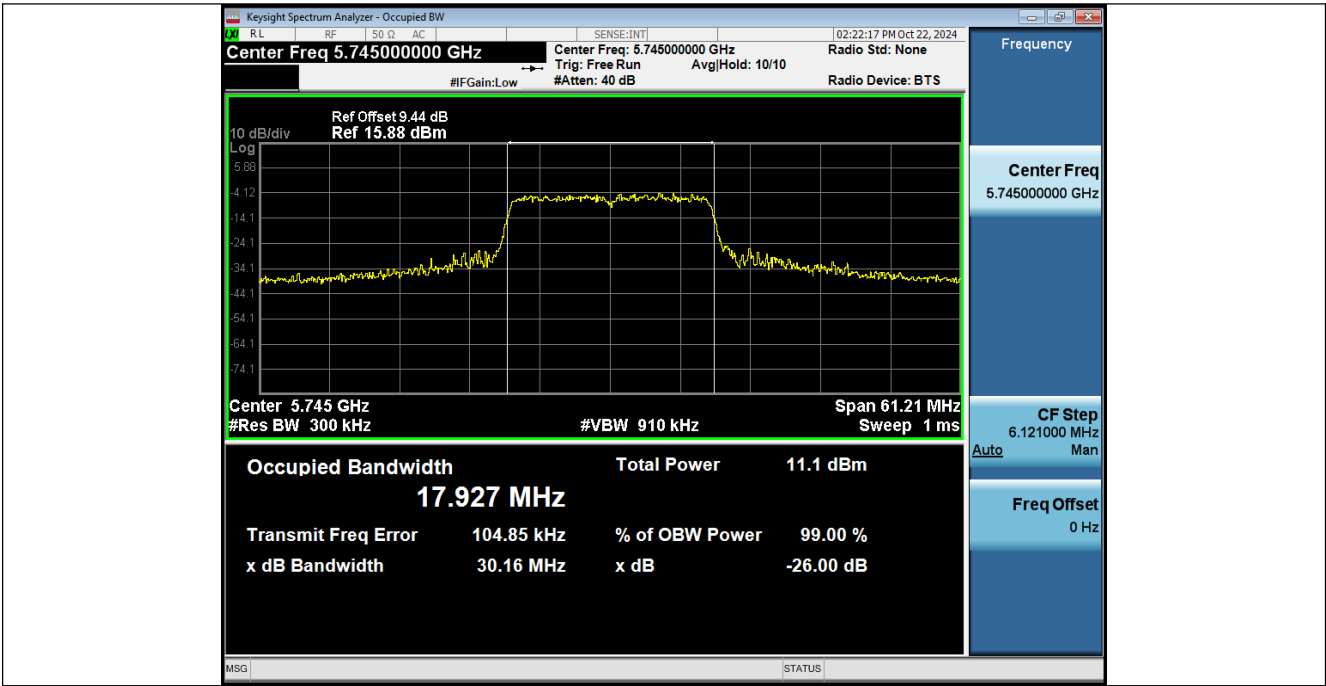
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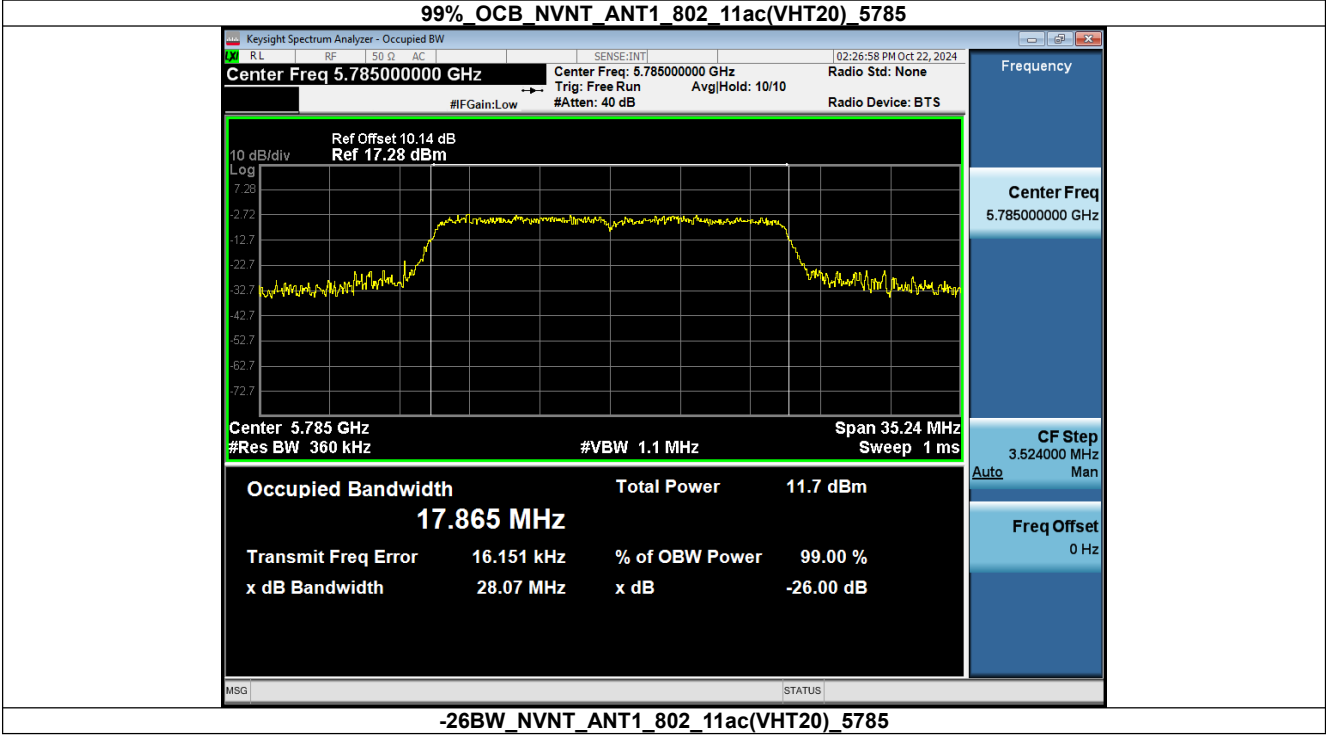
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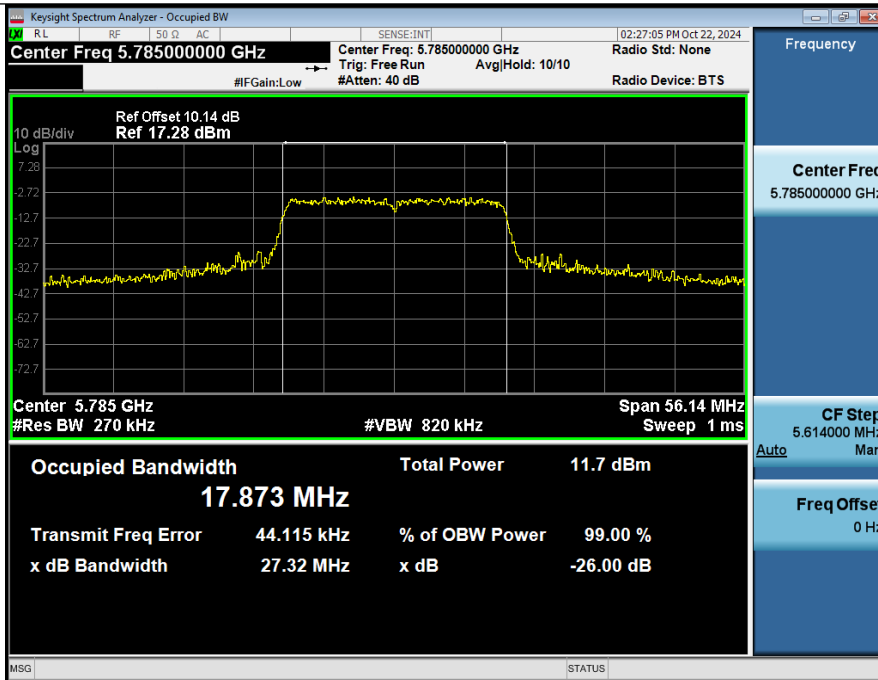


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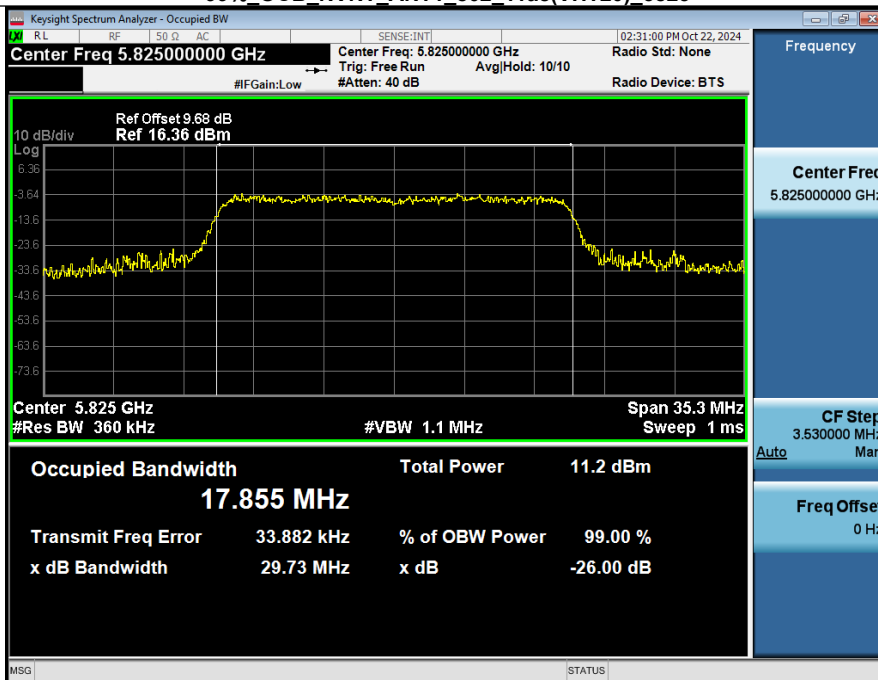


99% OCB_NVNT_ANT1_802_11ac(VHT20)_5785

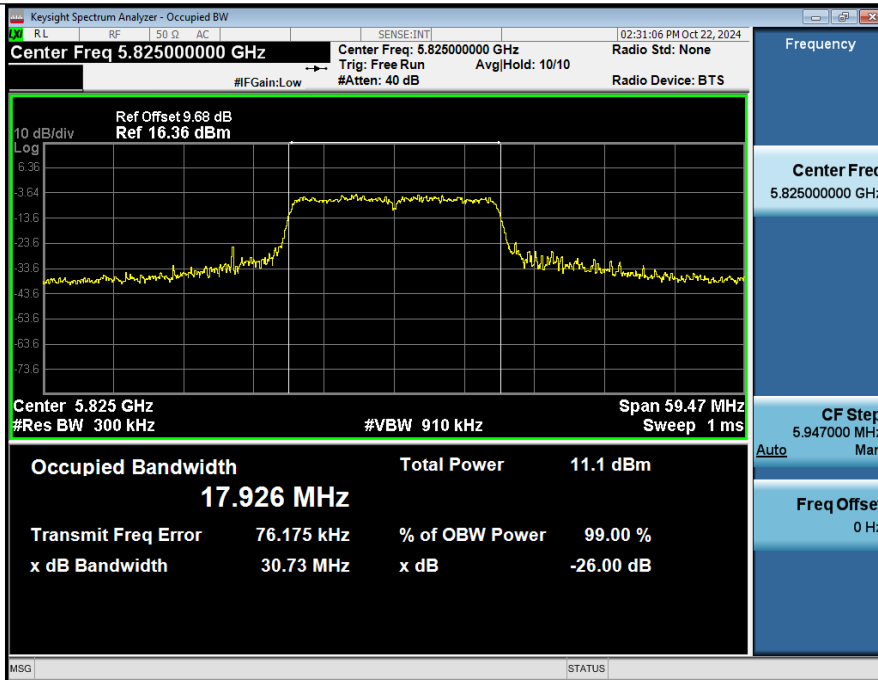




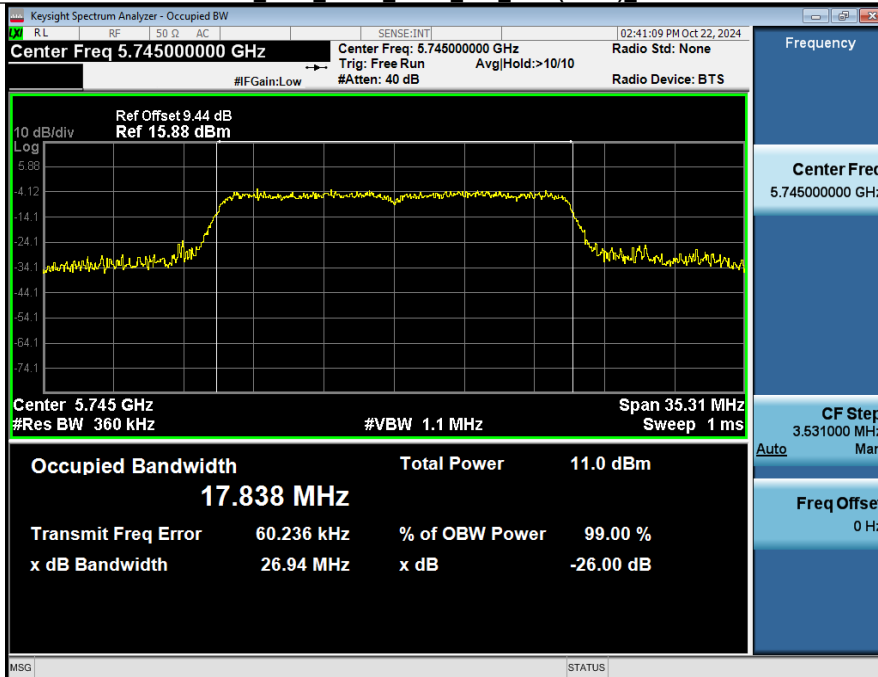
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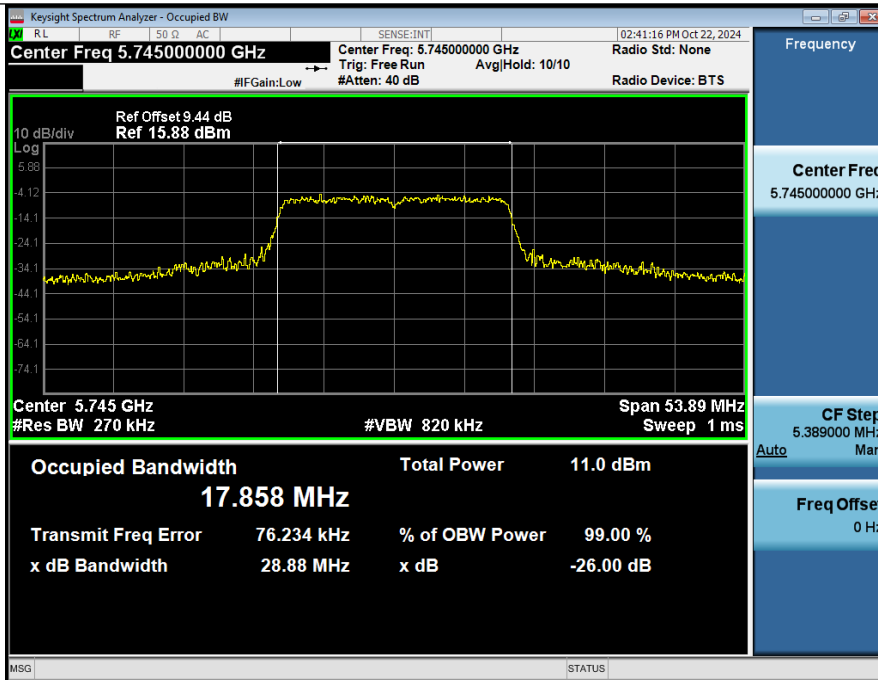
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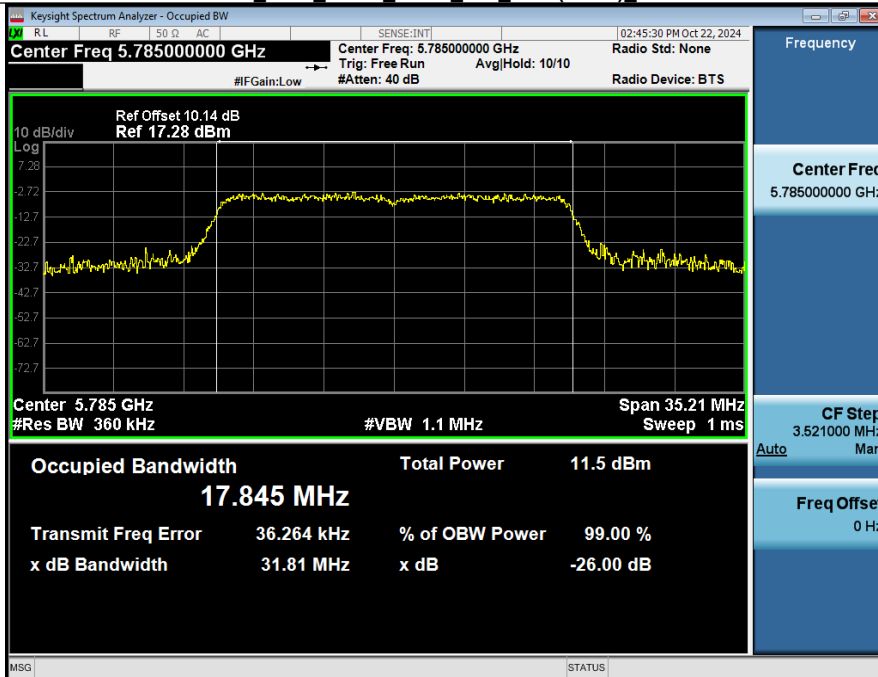
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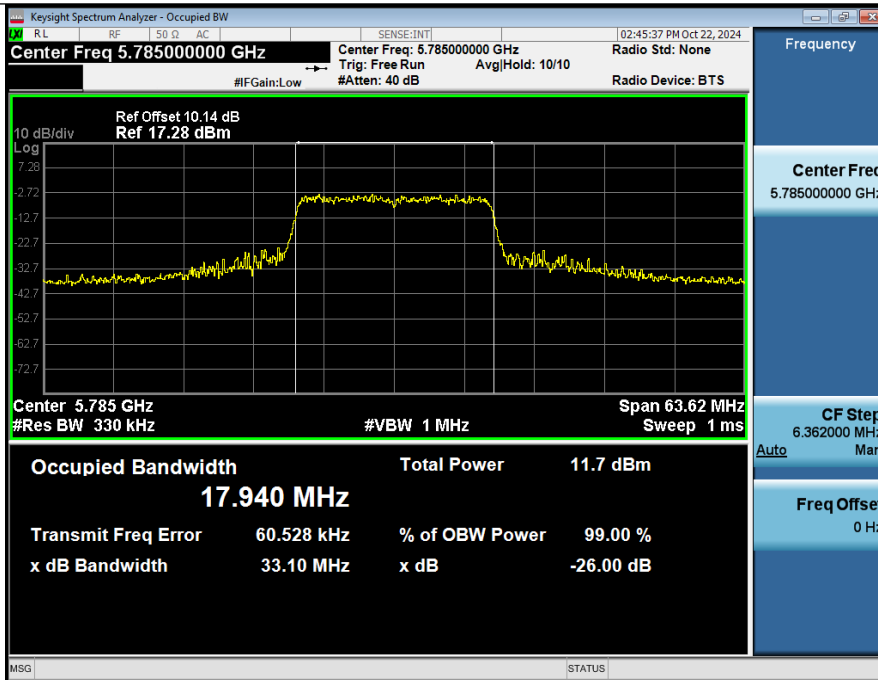
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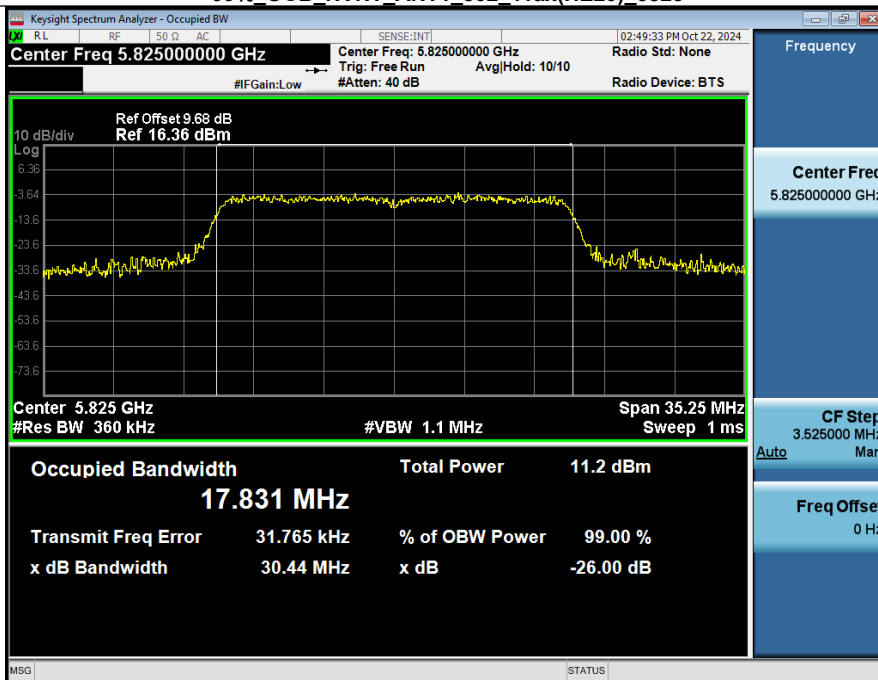
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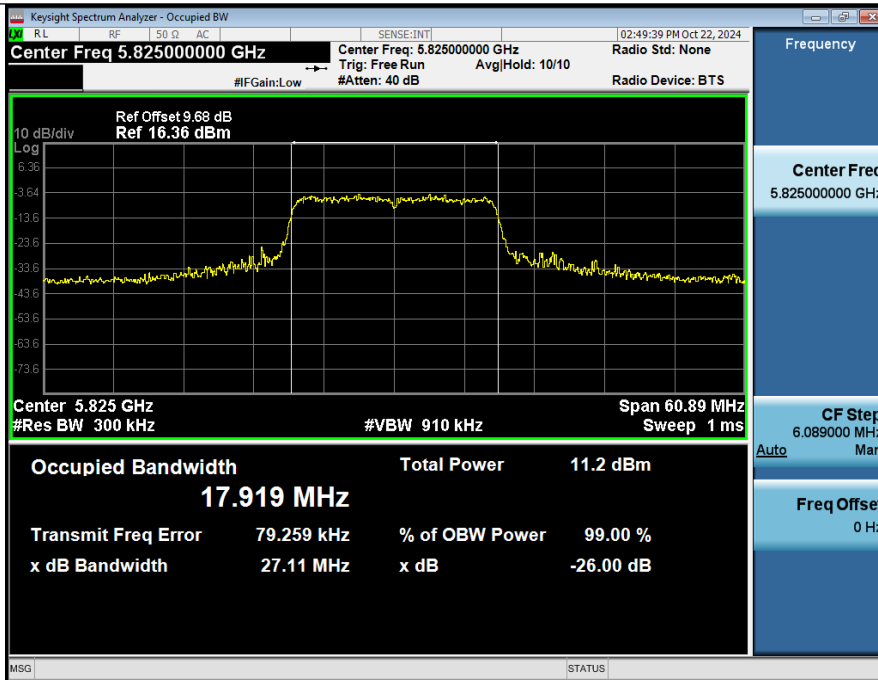
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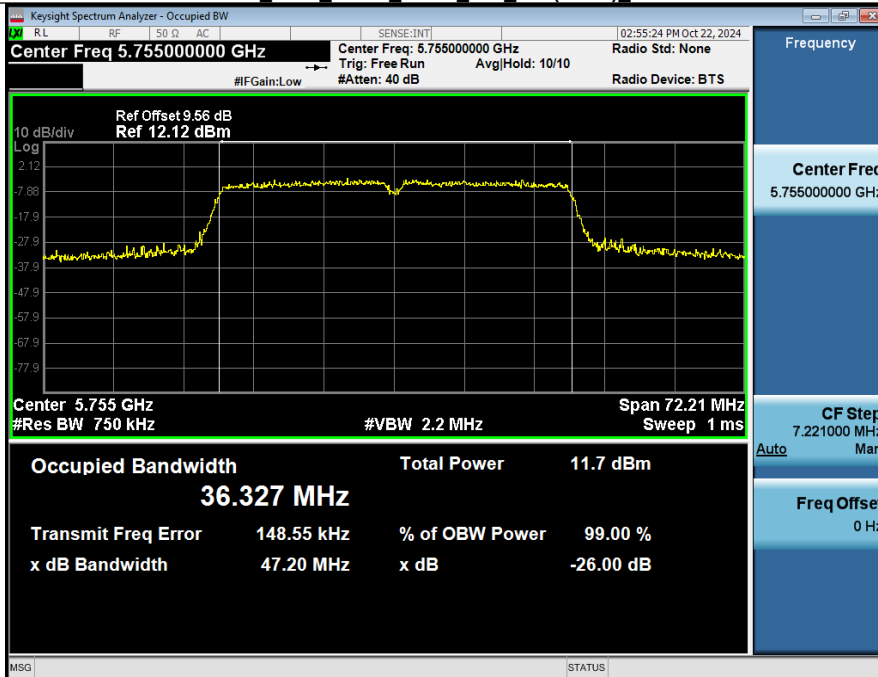
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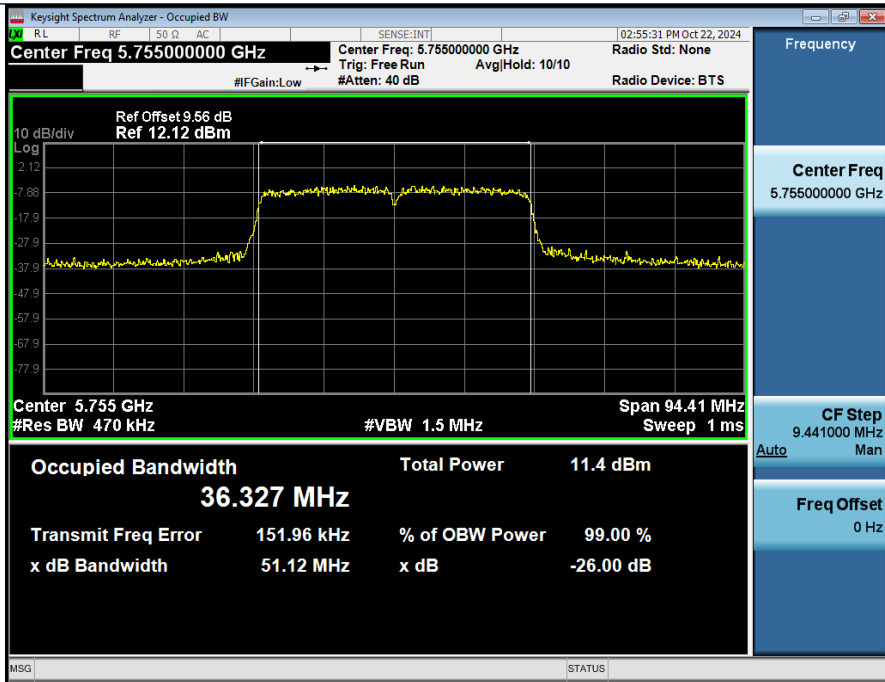
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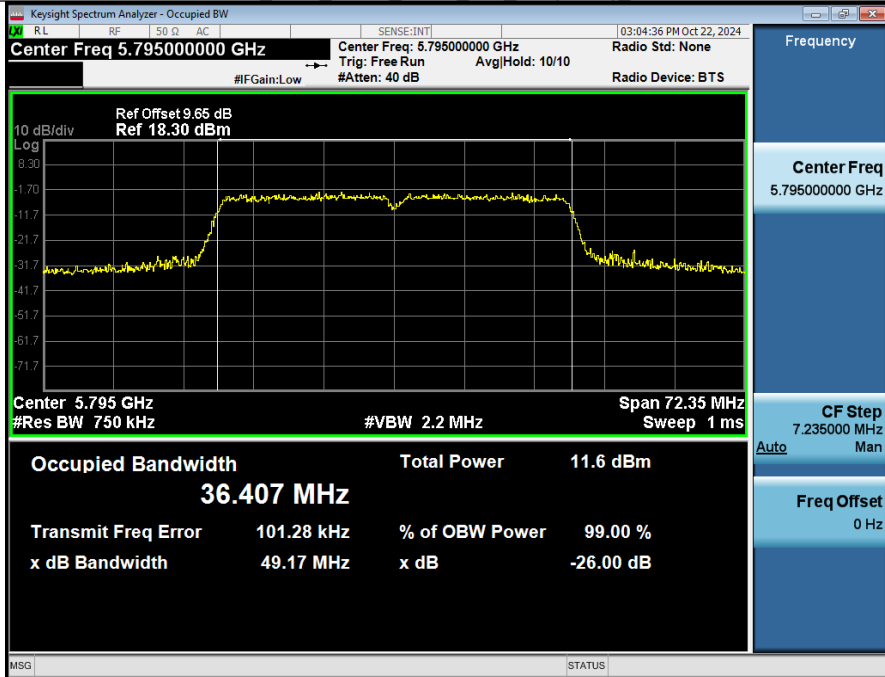
99%_OCB_NVNT_ANT1_802_11n(HT40)_5755



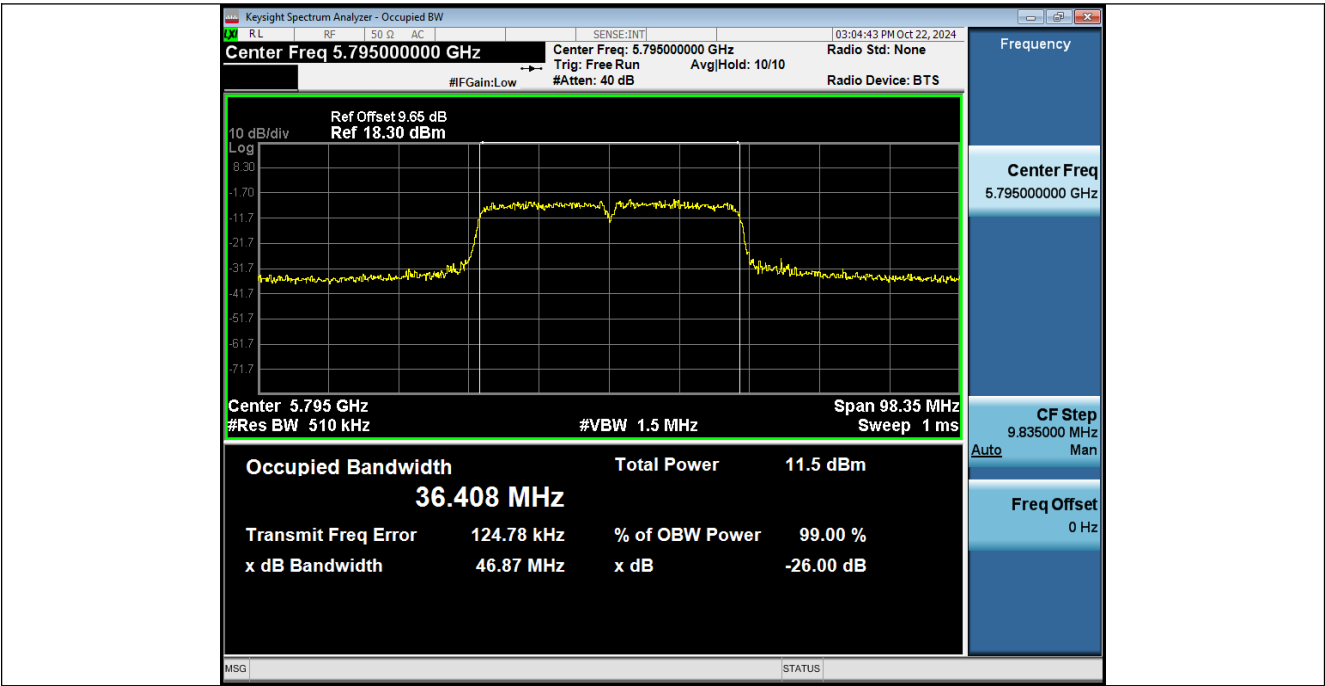
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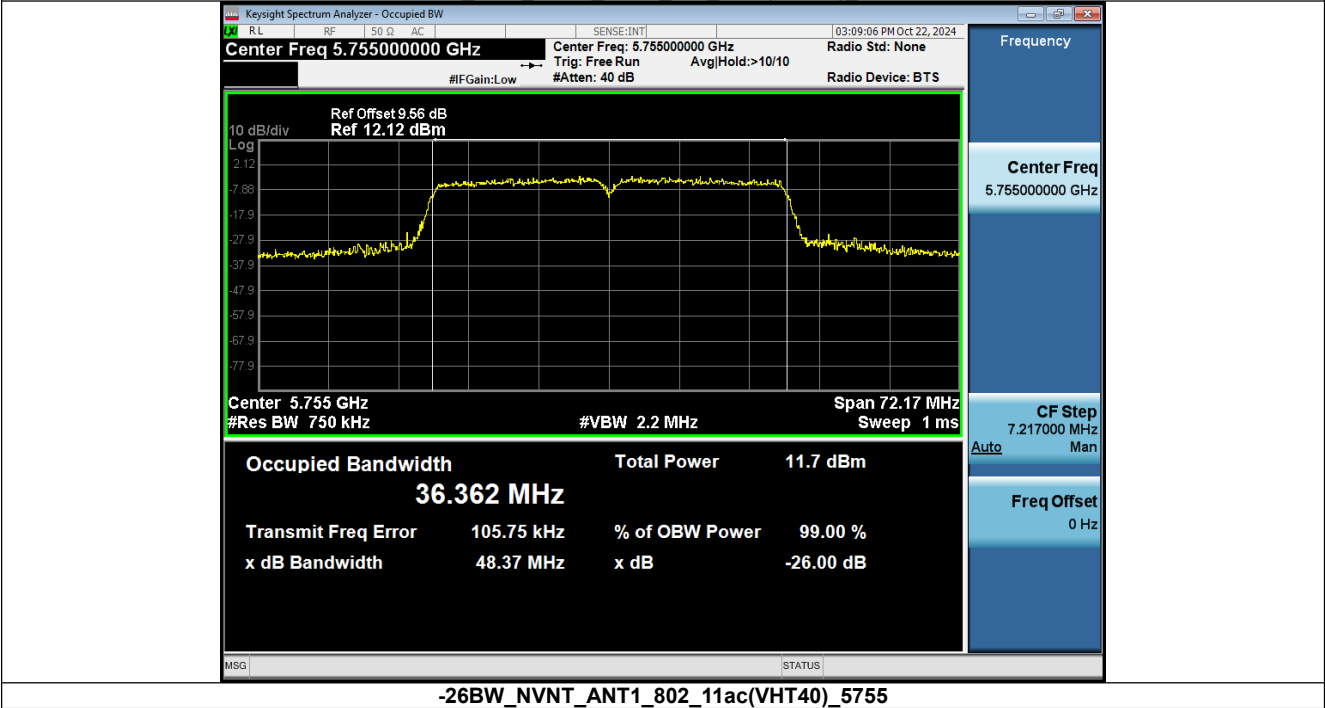
99%_OCB_NVNT_ANT1_802_11n(HT40)_5795

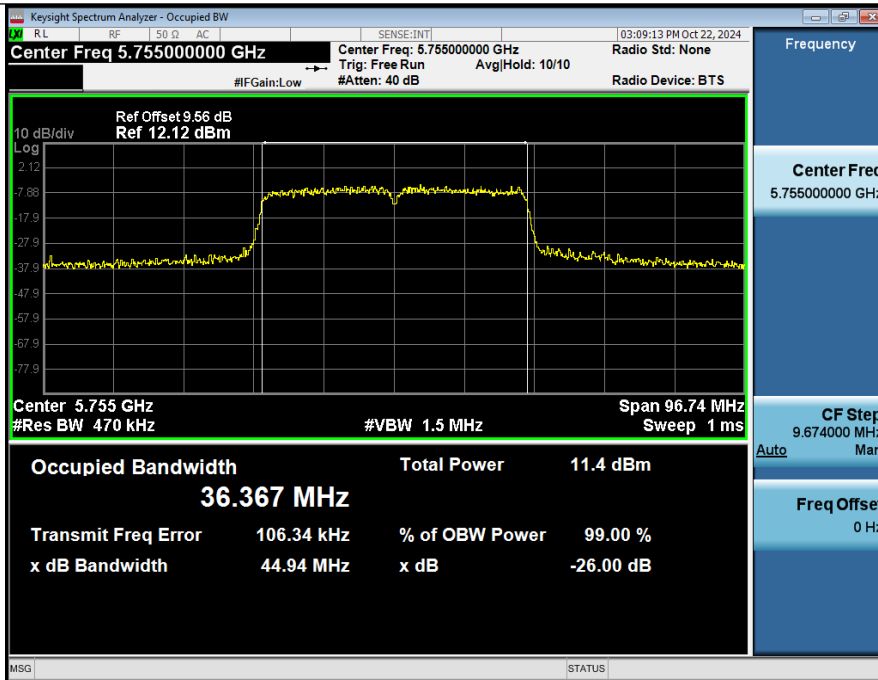


-26BW_NVNT_ANT1_802_11n(HT40)_5795

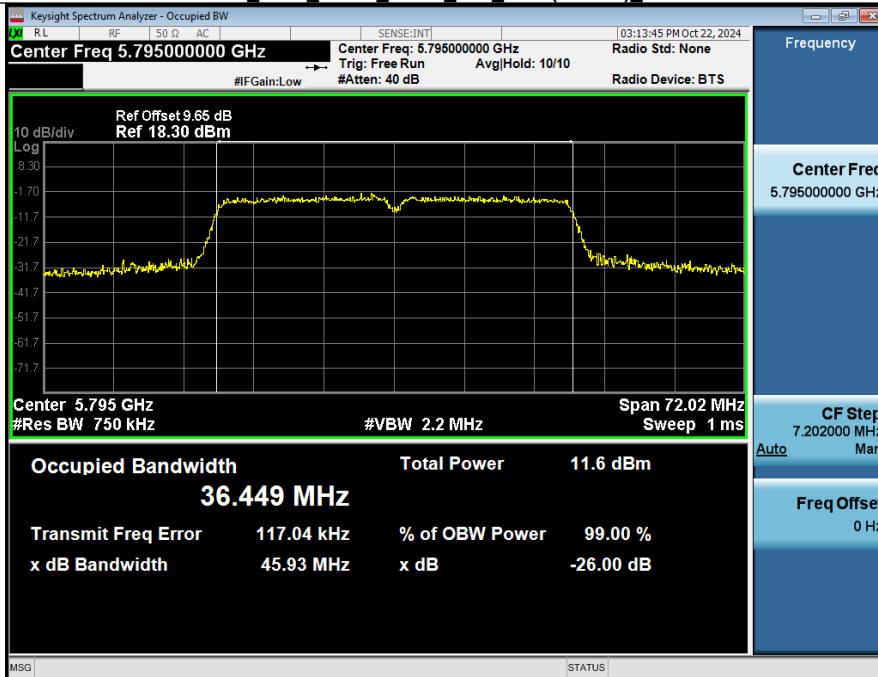


99% OCB_NVNT_ANT1_802_11ac(VHT40)_5755

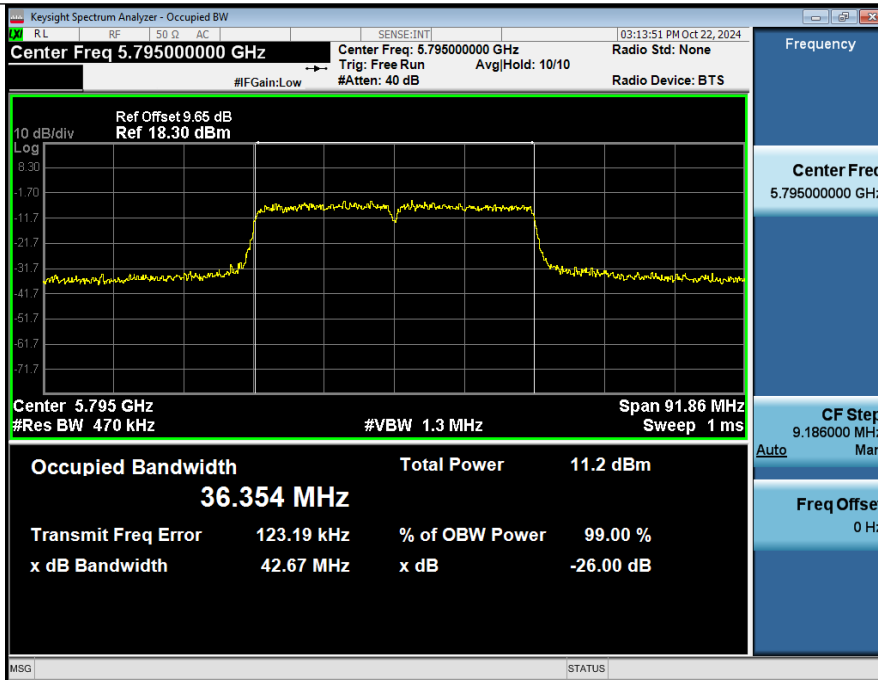




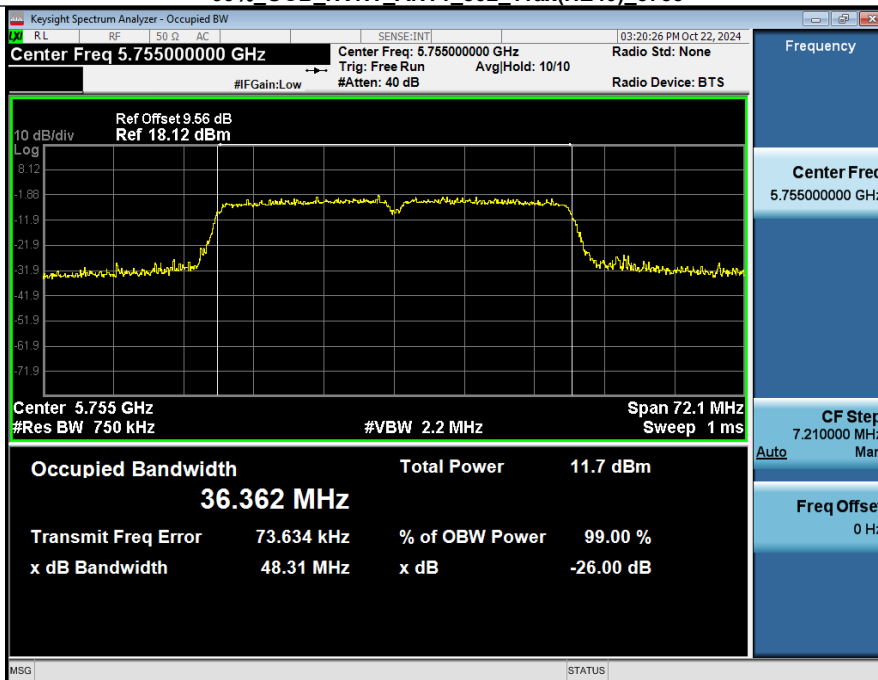
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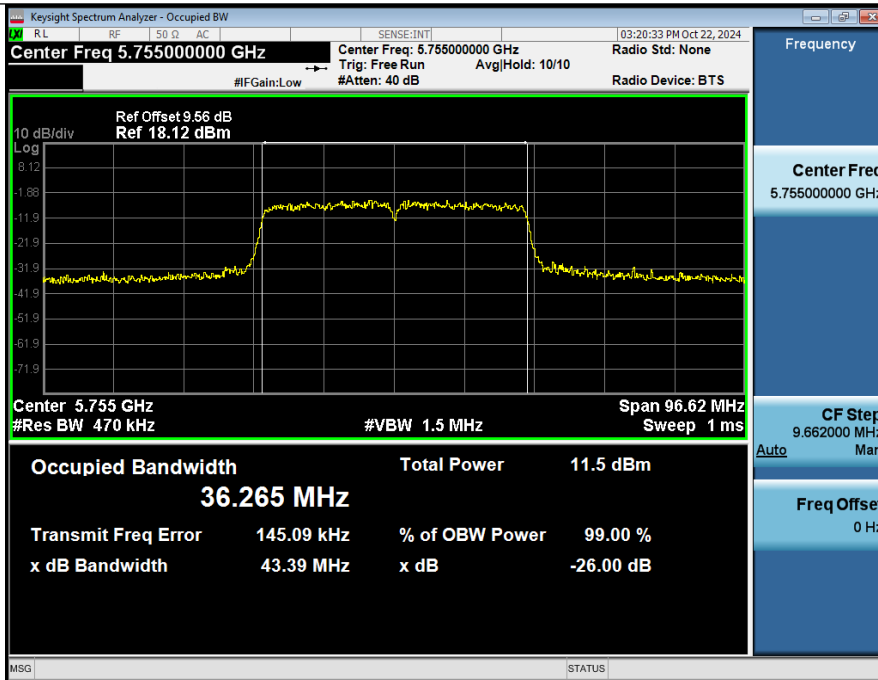
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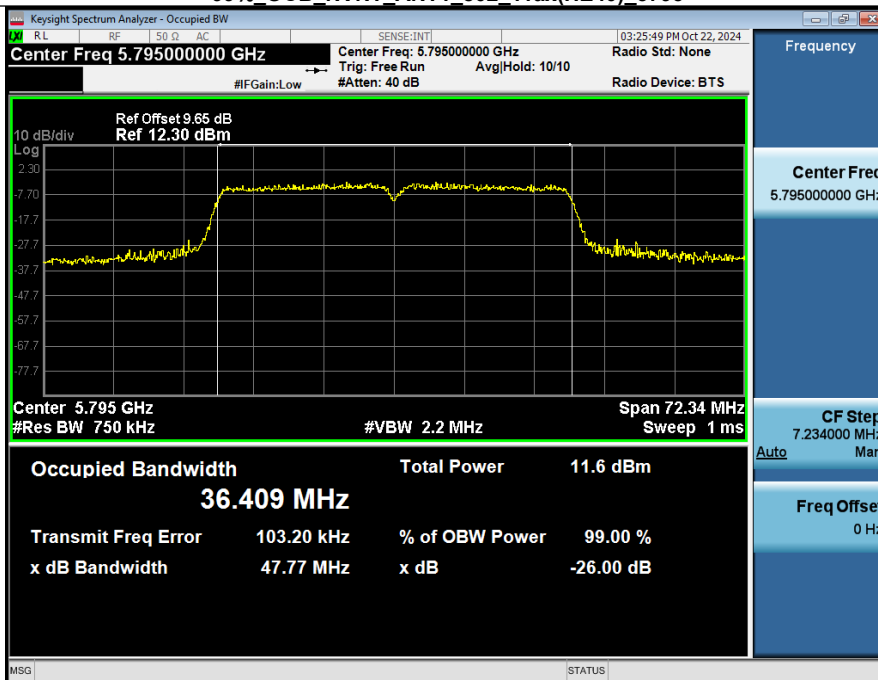
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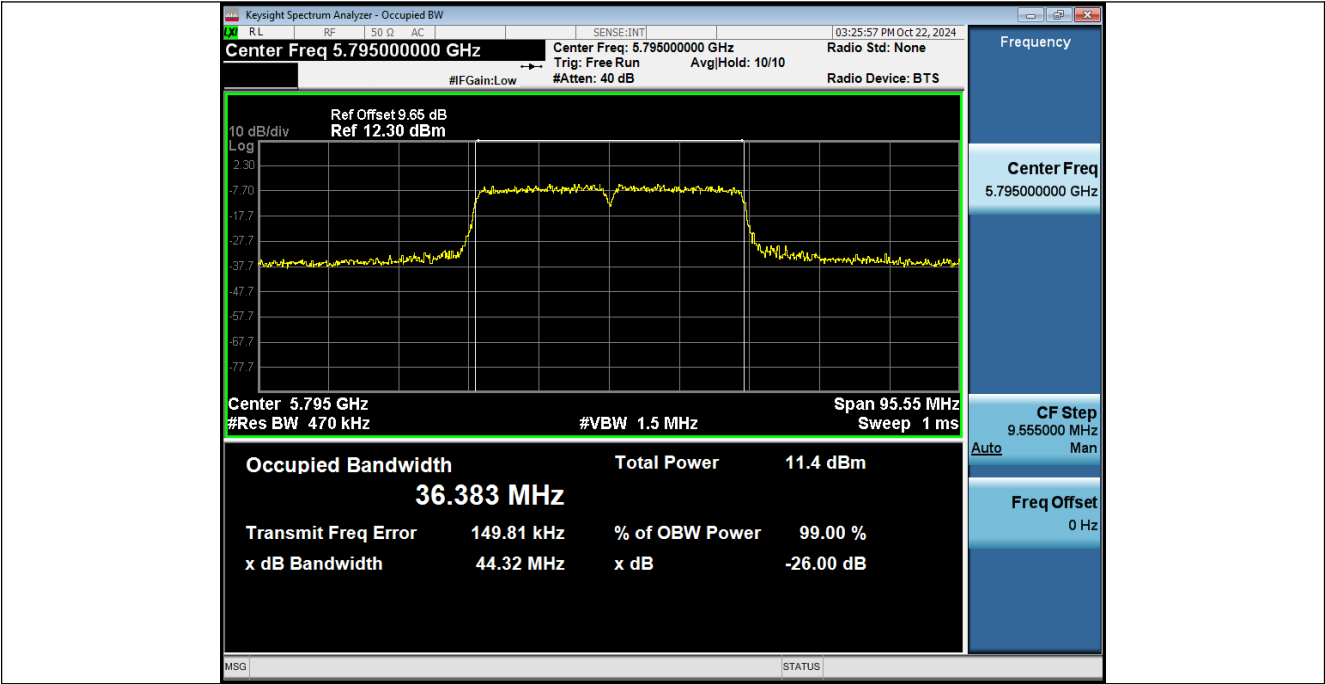
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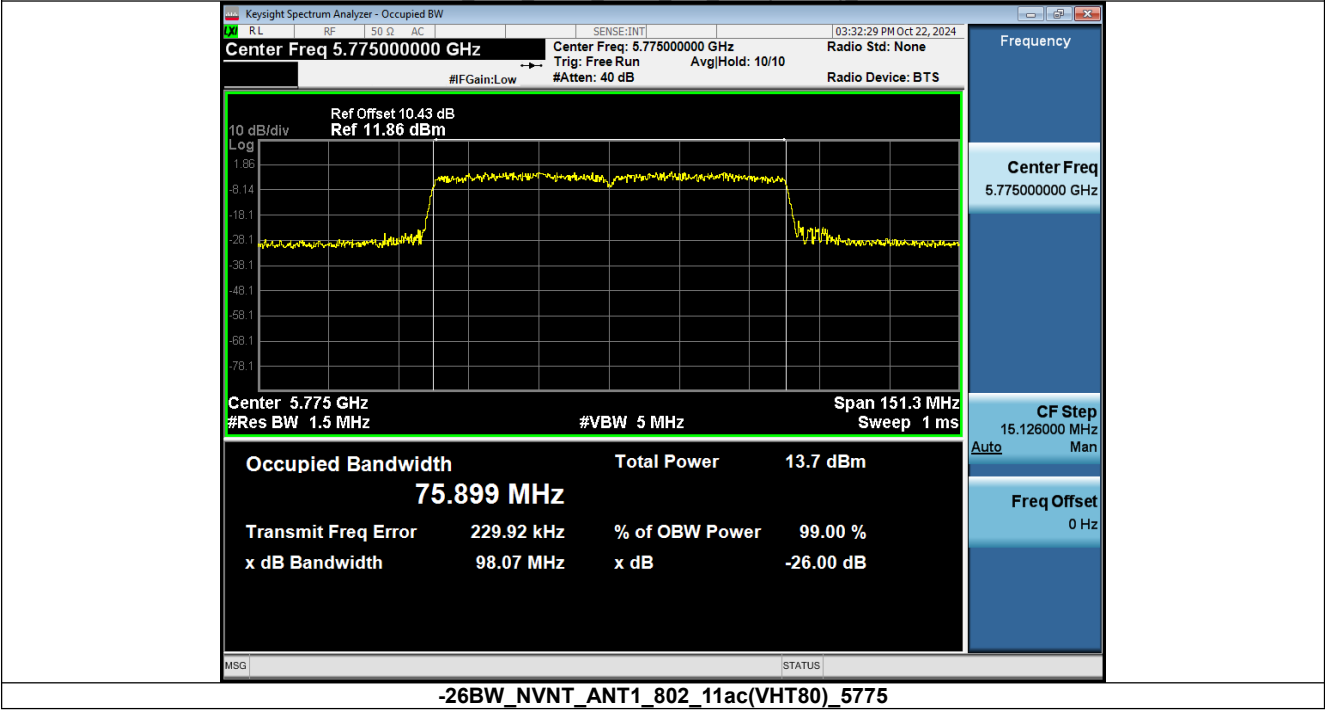
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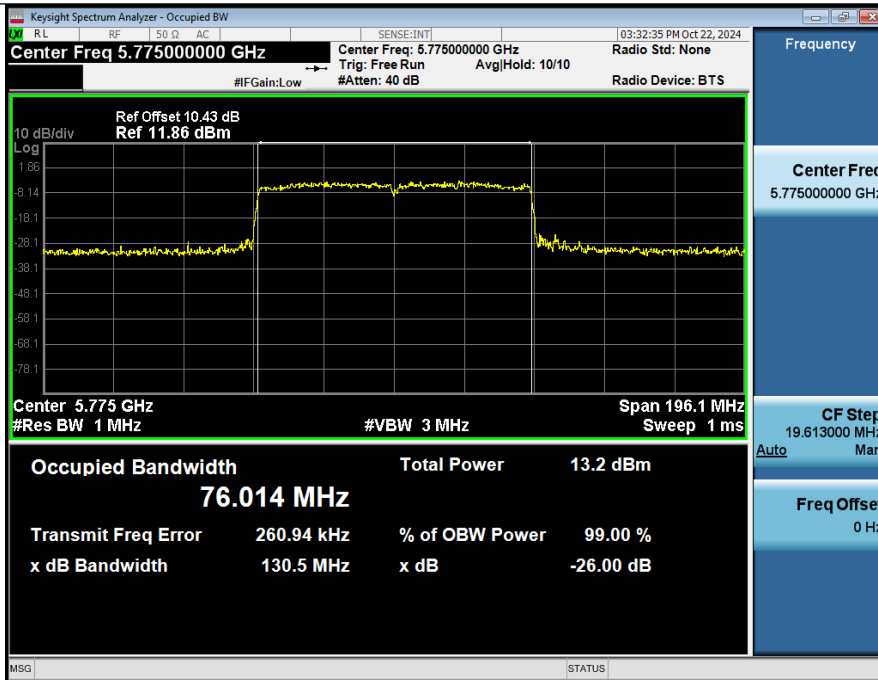


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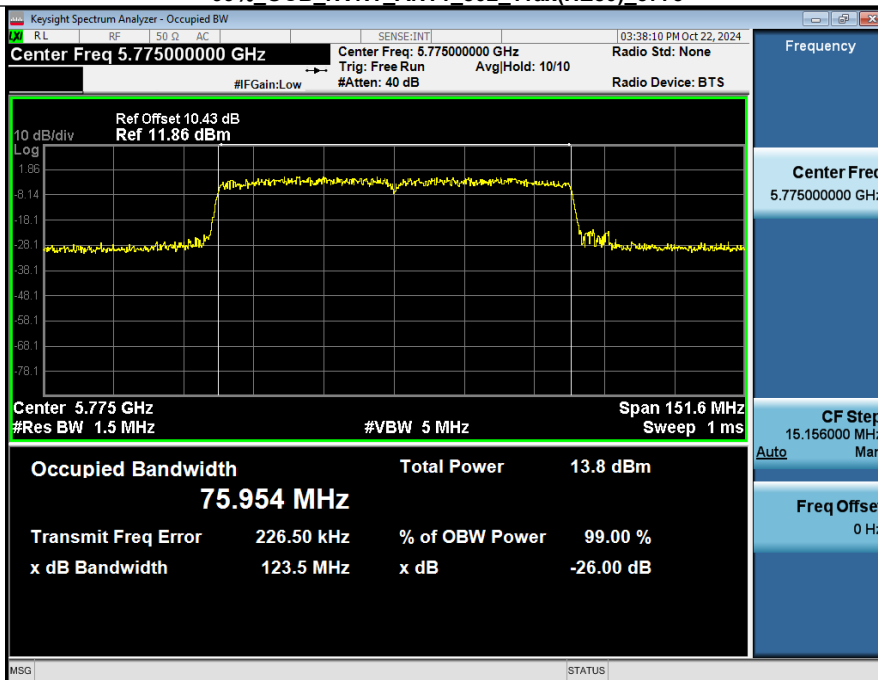


99% OCB_NVNT_ANT1_802_11ac(VHT80)_5775

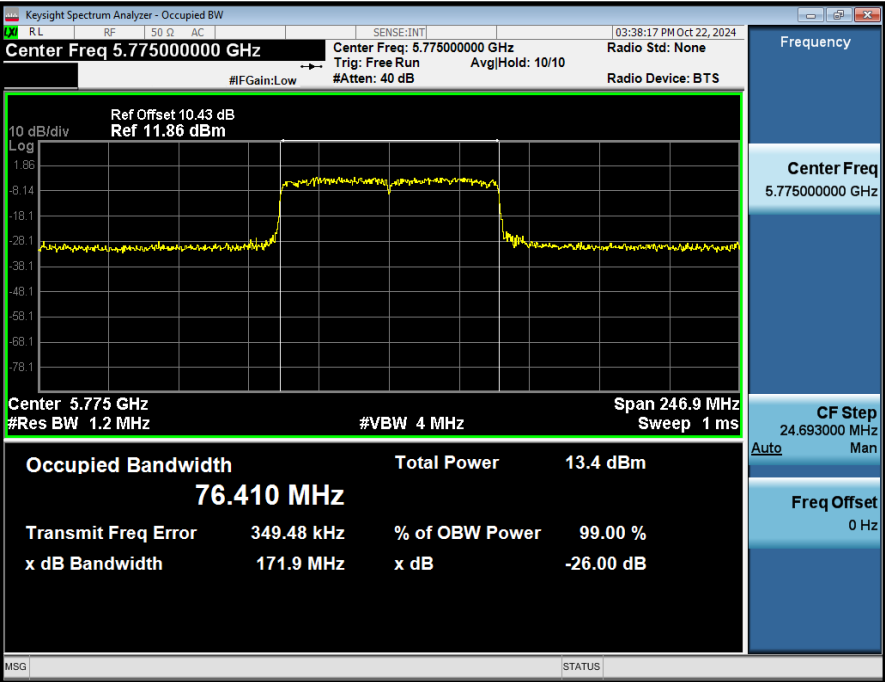




99%_OCB_NVNT_ANT1_802_11ax(HE80)_5775

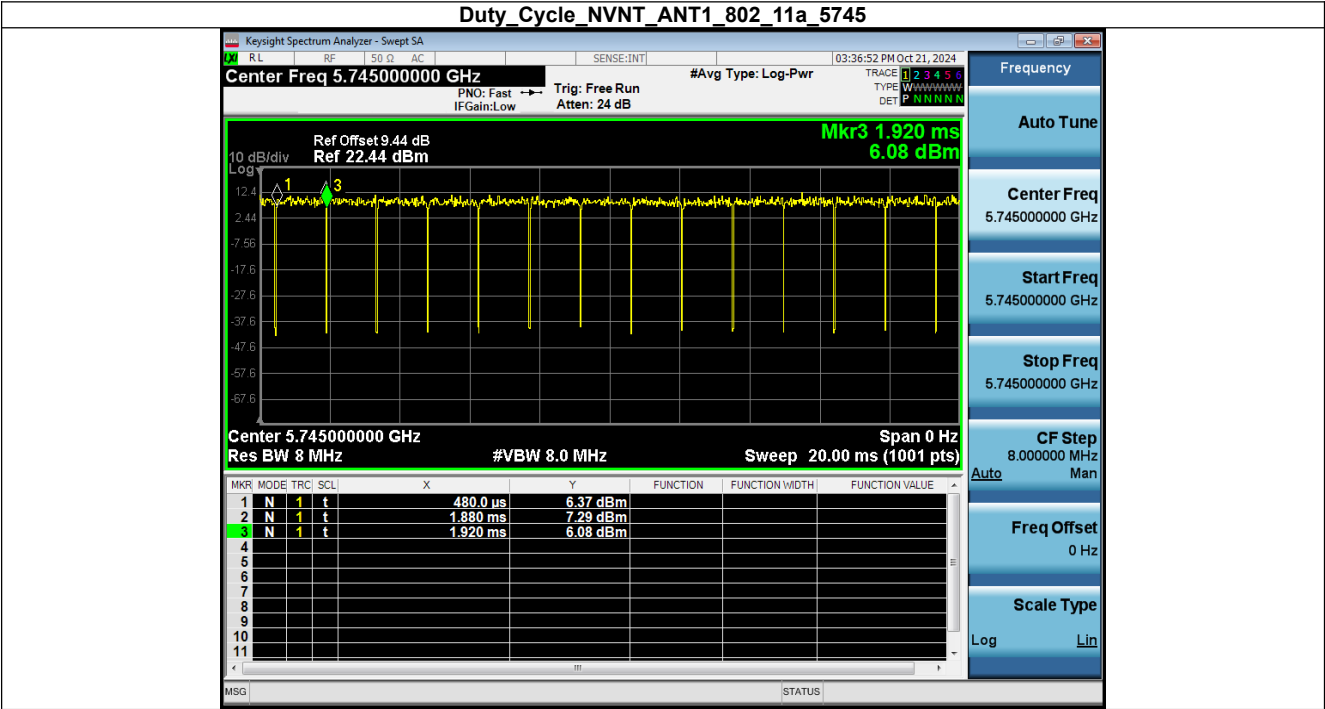


-26BW_NVNT_ANT1_802_11ax(HE80)_5775

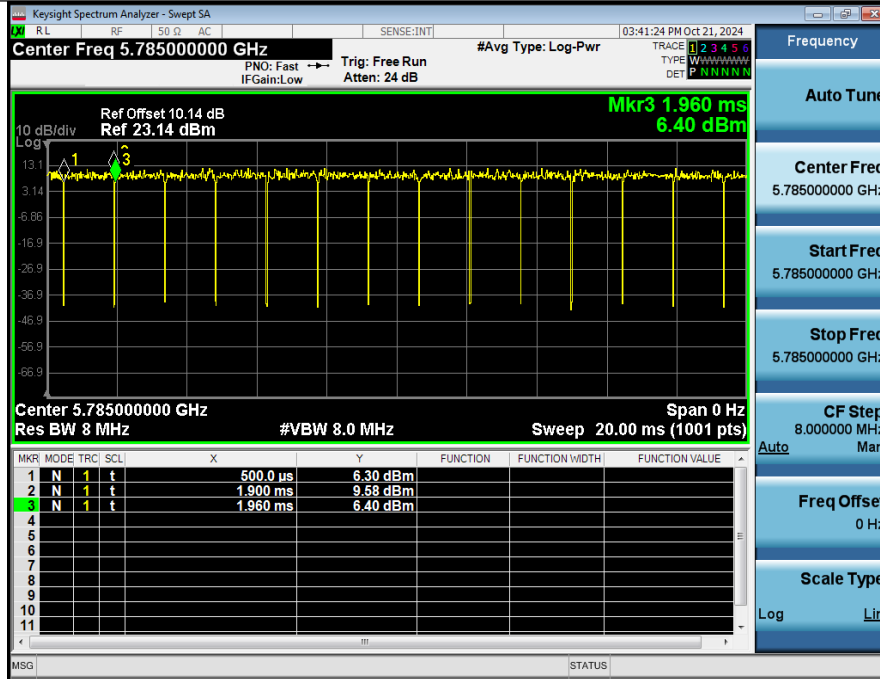


3. Duty Cycle

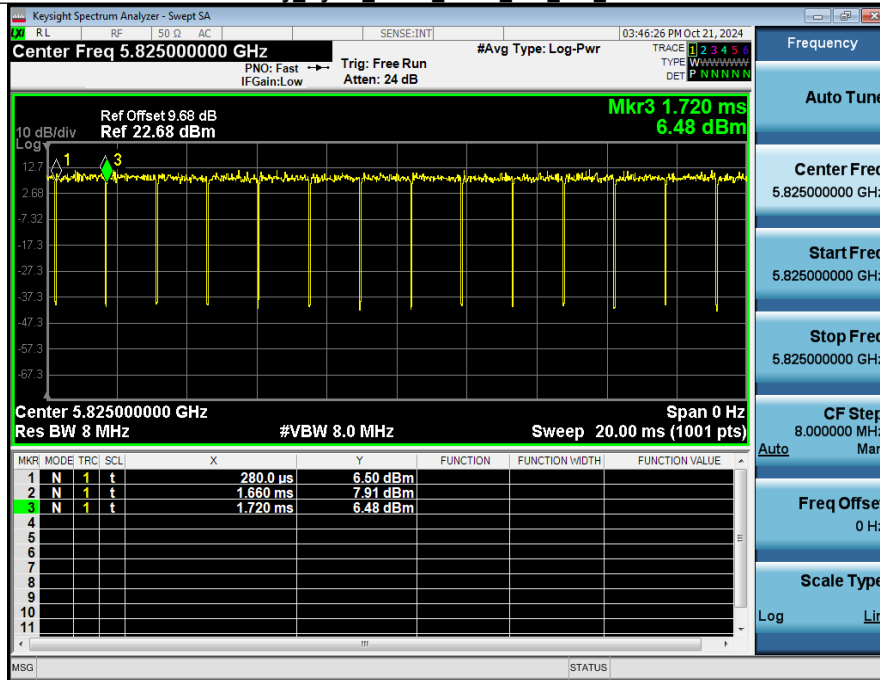
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	97.22	0.12
NVNT	ANT1	802.11a	5785.00	95.89	0.18
NVNT	ANT1	802.11a	5825.00	95.83	0.18
NVNT	ANT1	802.11n(HT20)	5745.00	95.16	0.22
NVNT	ANT1	802.11n(HT20)	5785.00	96.72	0.14
NVNT	ANT1	802.11n(HT20)	5825.00	96.72	0.14
NVNT	ANT1	802.11ac(VHT20)	5745.00	95.24	0.21
NVNT	ANT1	802.11ac(VHT20)	5785.00	95.16	0.22
NVNT	ANT1	802.11ac(VHT20)	5825.00	95.16	0.22
NVNT	ANT1	802.11ax(HE20)	5745.00	95.16	0.22
NVNT	ANT1	802.11ax(HE20)	5785.00	95.16	0.22
NVNT	ANT1	802.11ax(HE20)	5825.00	95.16	0.22
NVNT	ANT1	802.11n(HT40)	5755.00	90.63	0.43
NVNT	ANT1	802.11n(HT40)	5795.00	93.75	0.28
NVNT	ANT1	802.11ac(VHT40)	5755.00	90.63	0.43
NVNT	ANT1	802.11ac(VHT40)	5795.00	90.63	0.43
NVNT	ANT1	802.11ax(HE40)	5755.00	90.63	0.43
NVNT	ANT1	802.11ax(HE40)	5795.00	93.75	0.28
NVNT	ANT1	802.11ac(VHT80)	5775.00	83.33	0.79
NVNT	ANT1	802.11ax(HE80)	5775.00	83.33	0.79



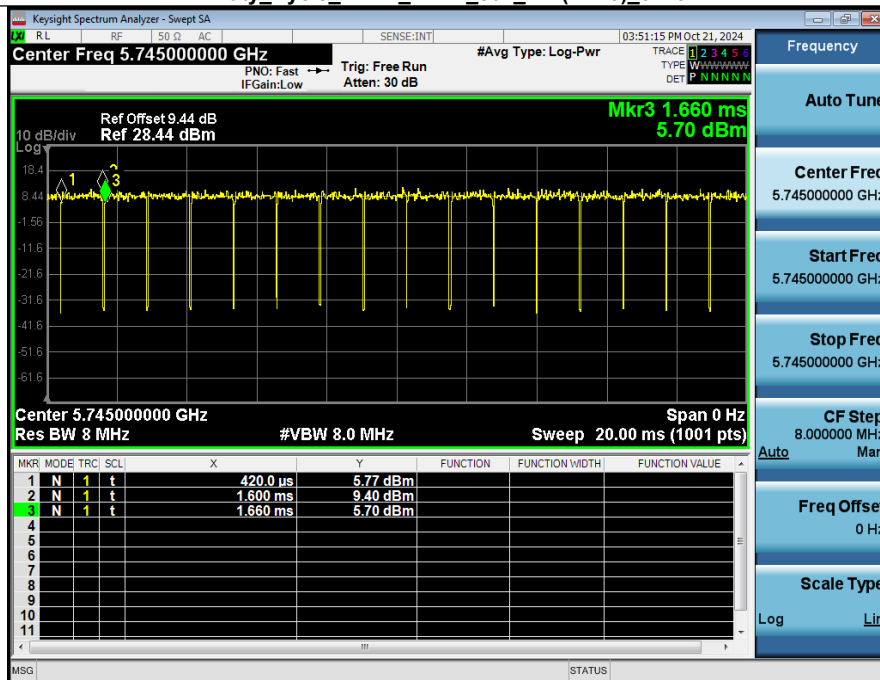
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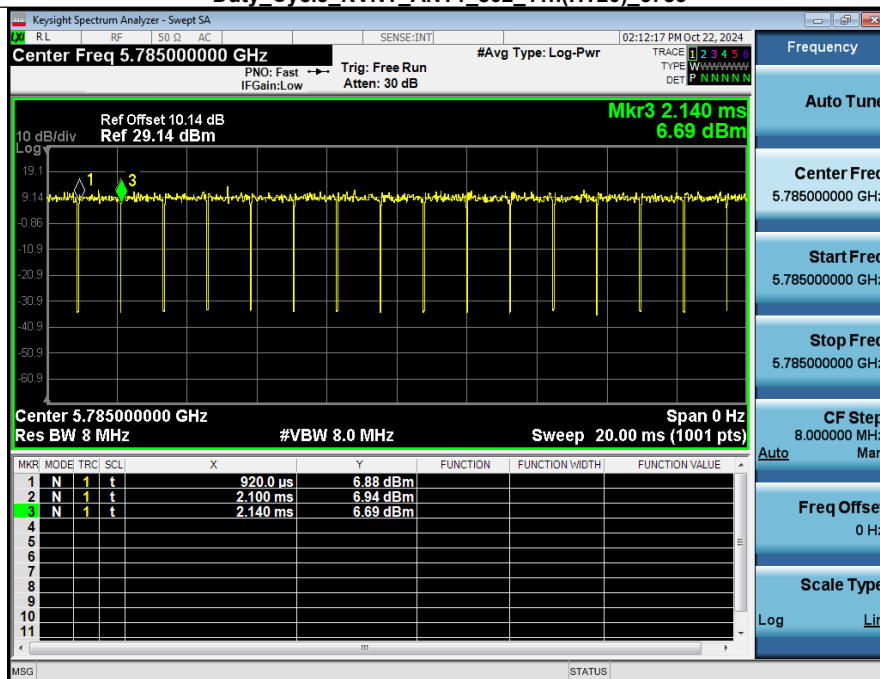
Duty Cycle NVNT_ANT1_802_11a_5825



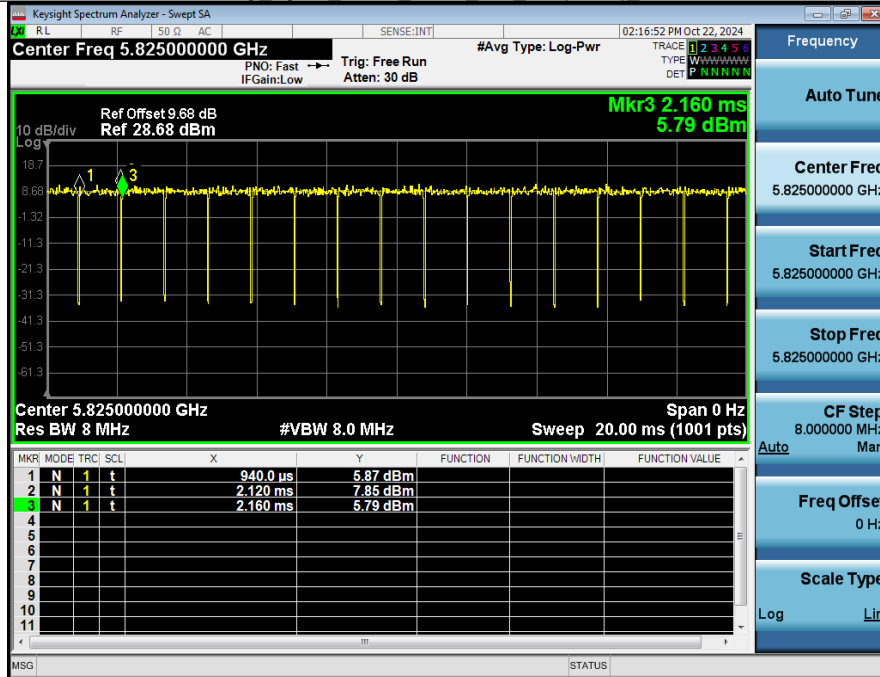
Duty Cycle NVNT_ANT1_802_11n(HT20)_5745



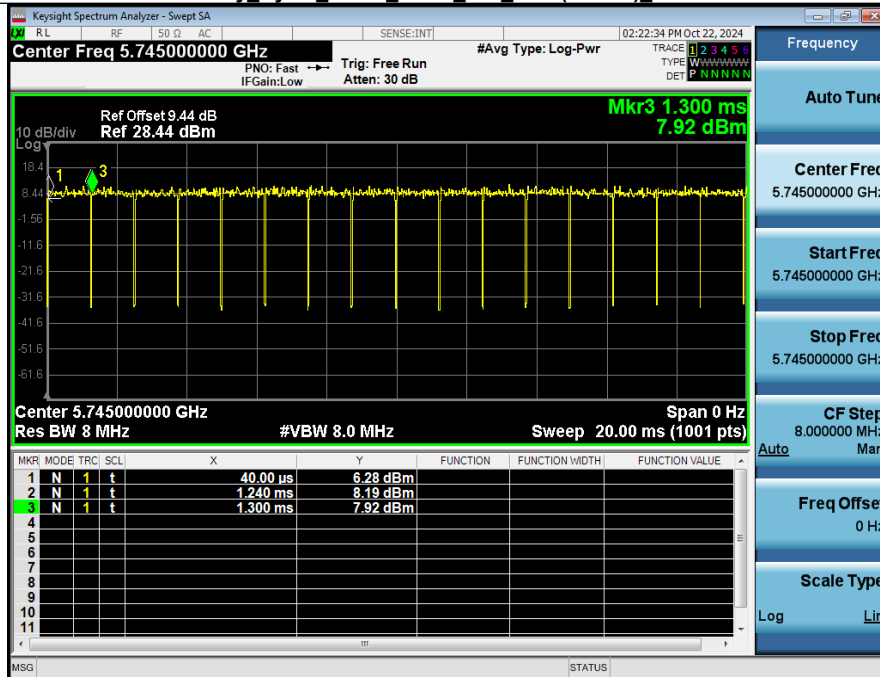
Duty Cycle NVNT_ANT1_802_11n(HT20)_5785



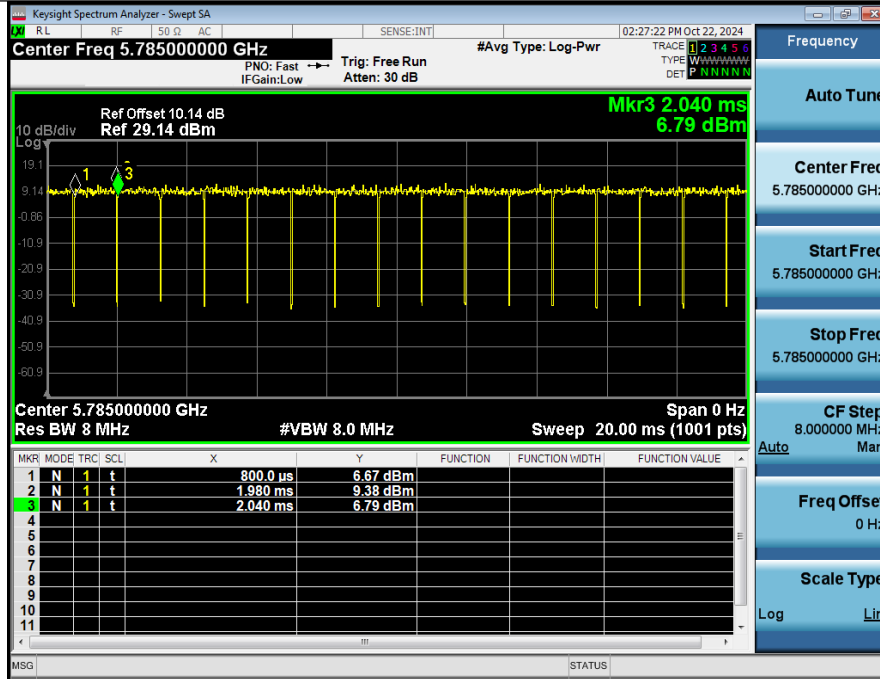
Duty Cycle NVNT_ANT1_802_11n(HT20)_5825



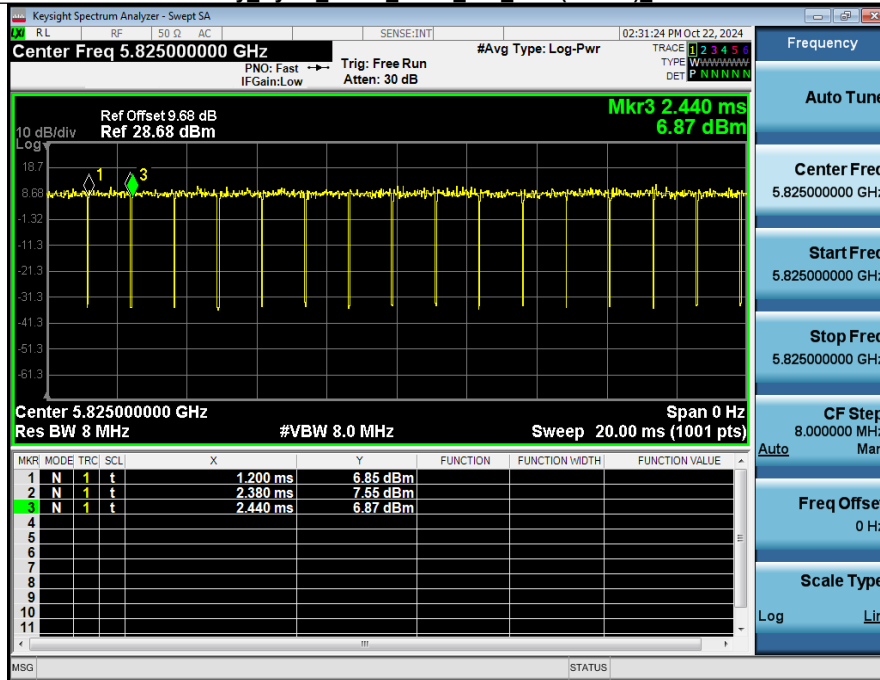
Duty Cycle NVNT_ANT1_802_11ac(VHT20)_5745



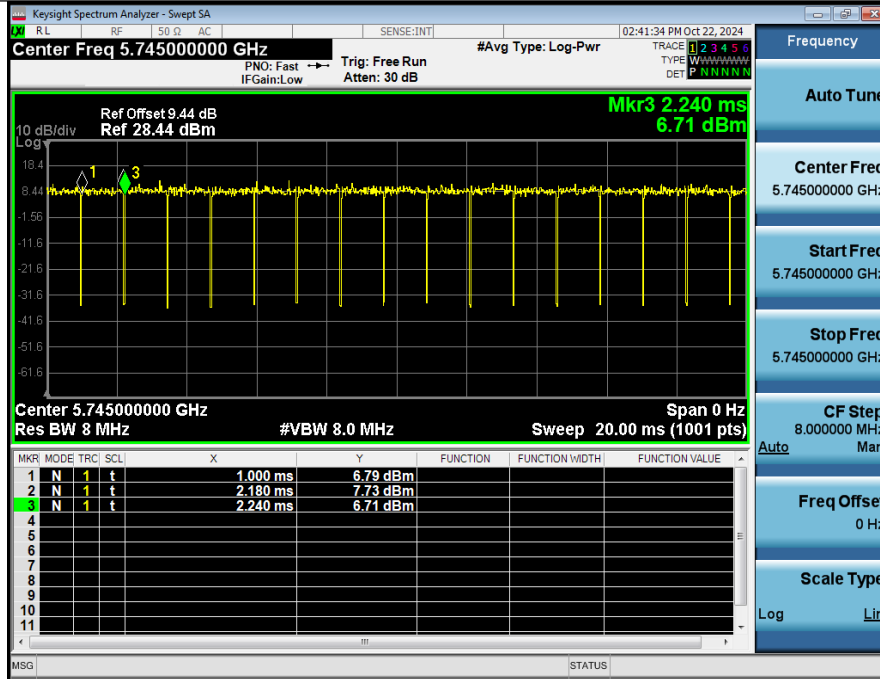
Duty Cycle NVNT_ANT1_802_11ac(VHT20)_5785



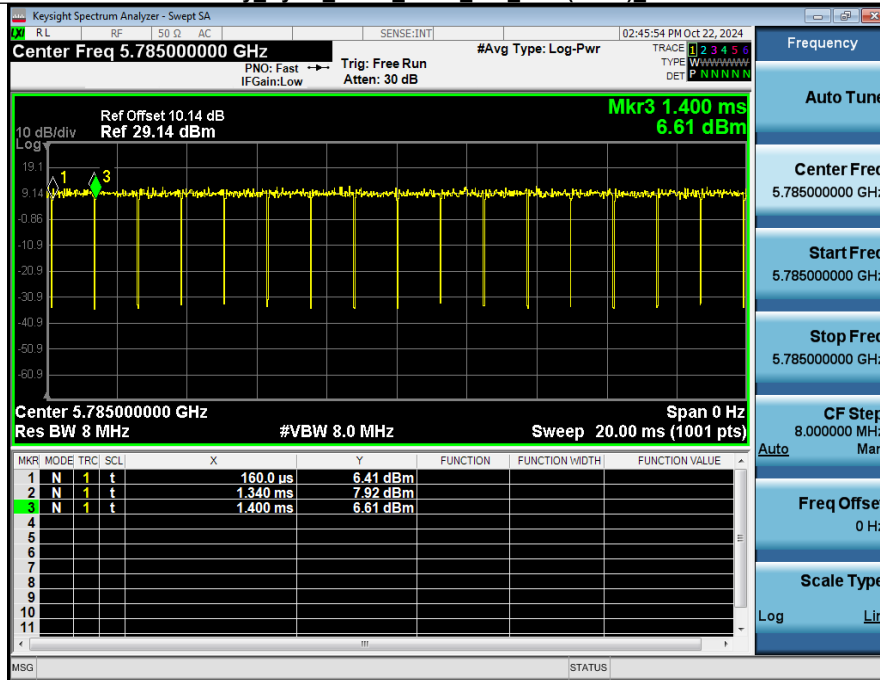
Duty Cycle NVNT_ANT1_802_11ac(VHT20)_5825



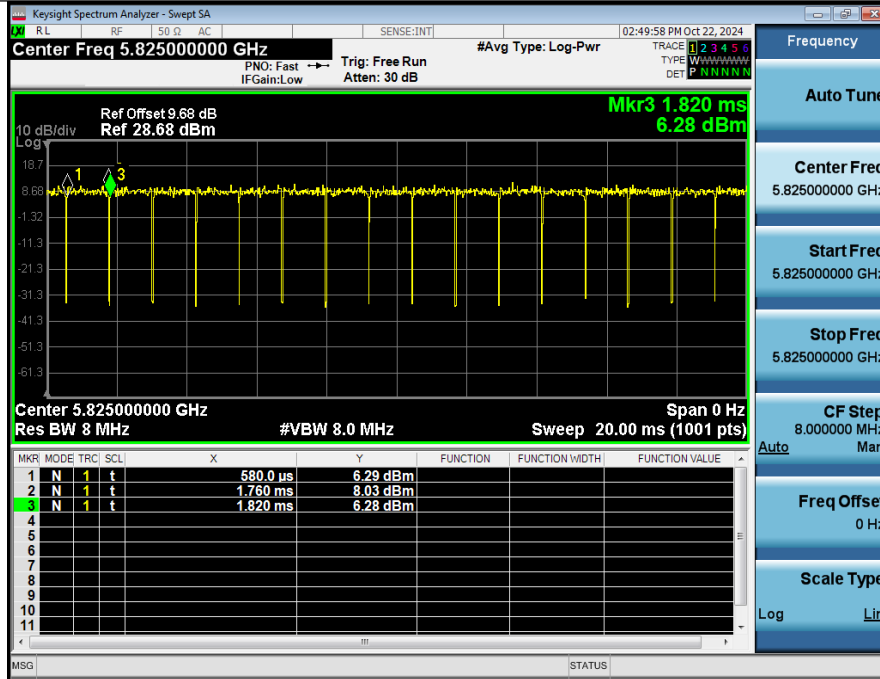
Duty Cycle NVNT_ANT1_802_11ax(HE20)_5745



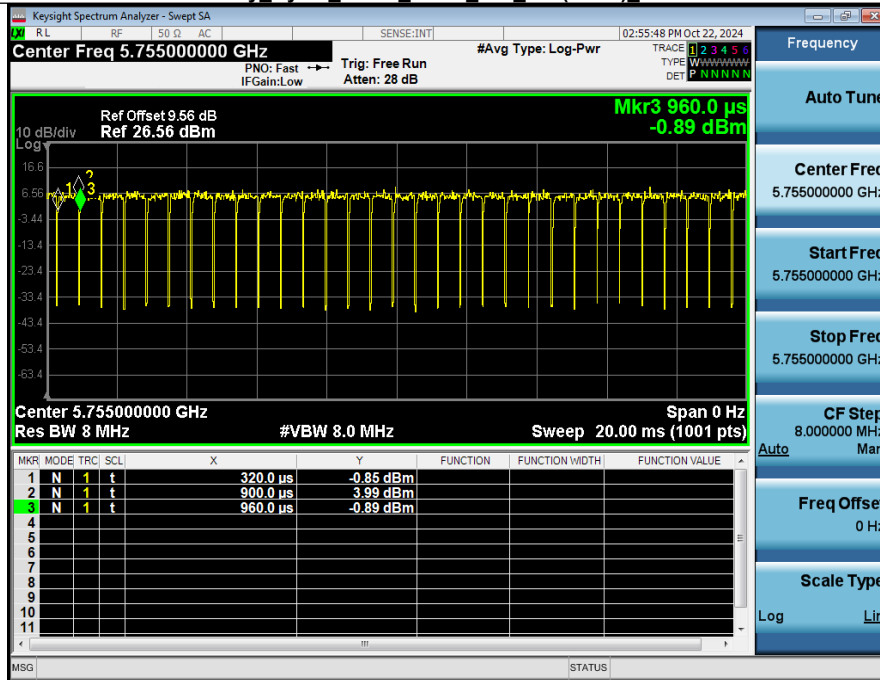
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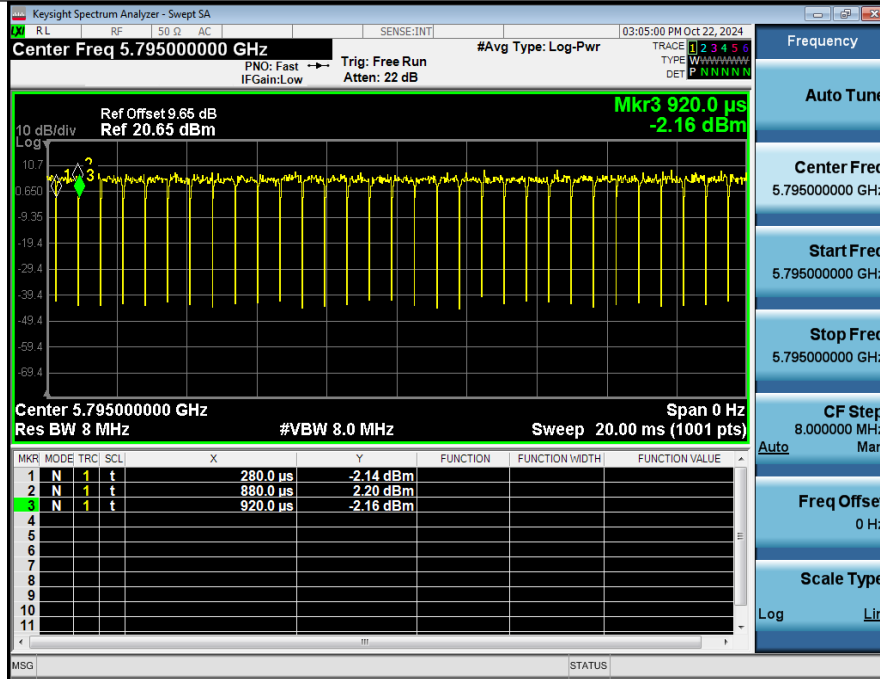
Duty Cycle NVNT_ANT1_802_11ax(HE20)_5825



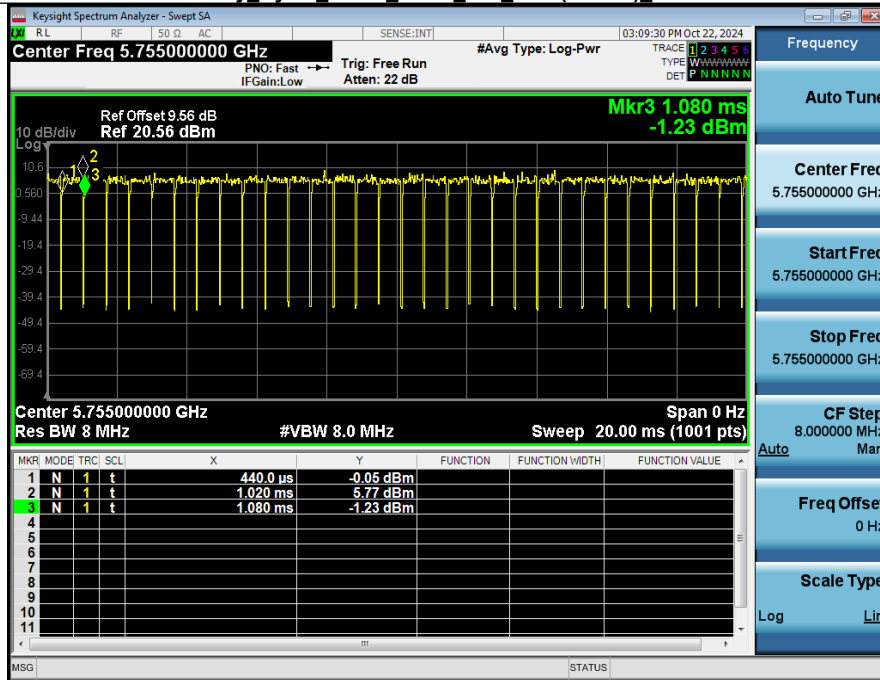
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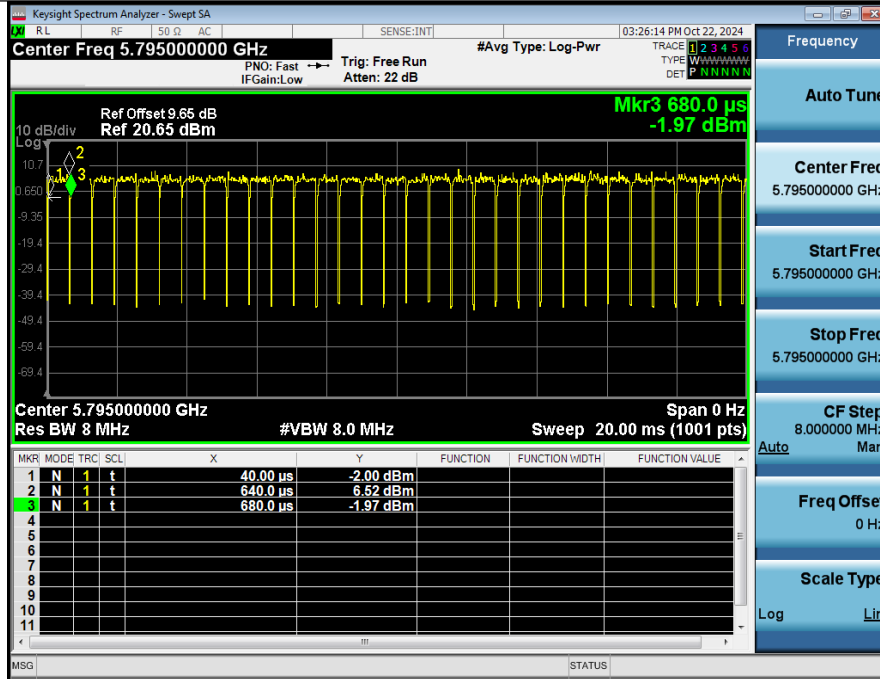
Duty Cycle NVNT_ANT1_802_11n(HT40)_5795



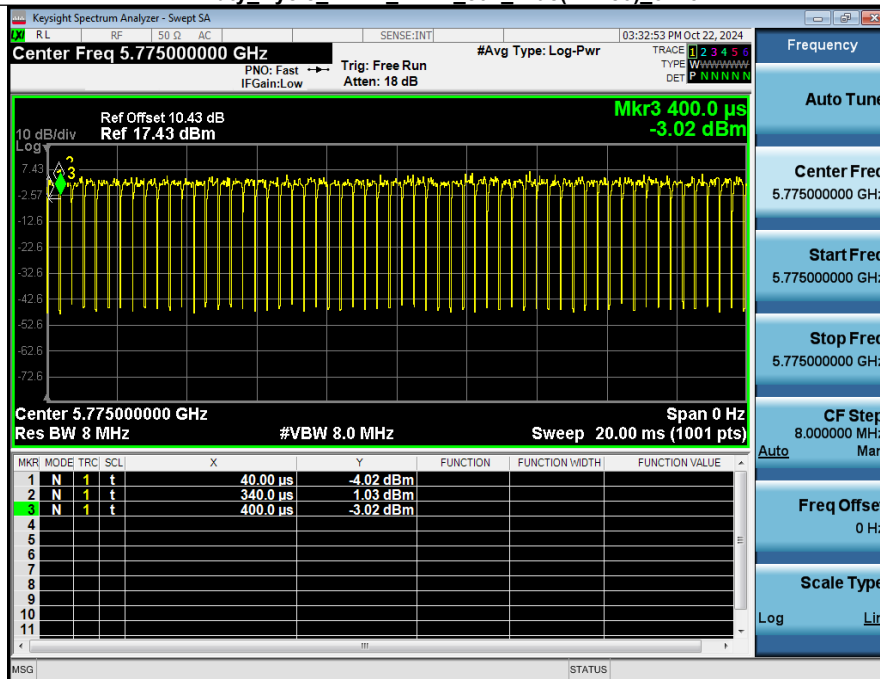
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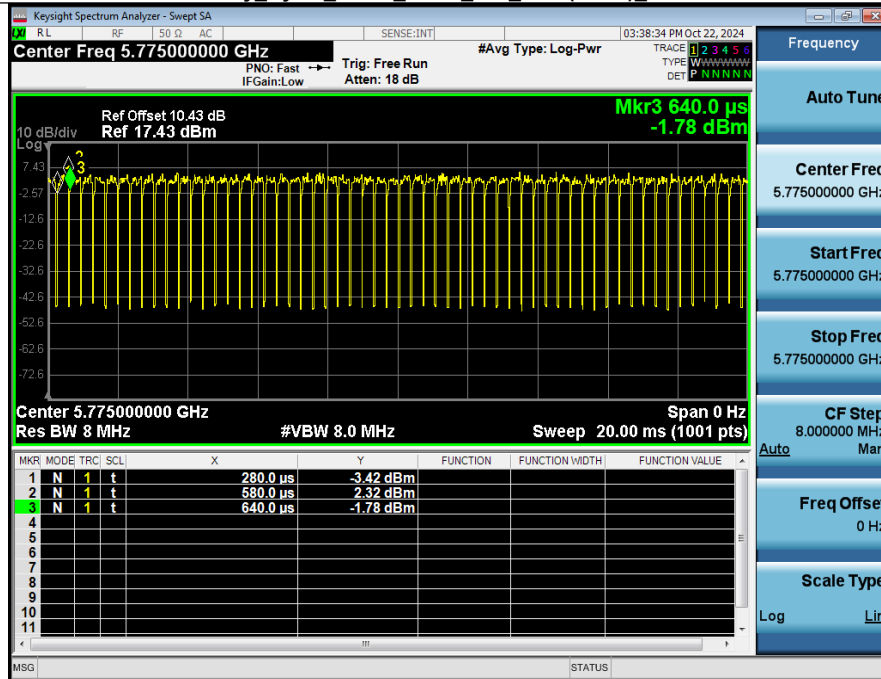
Duty Cycle NVNT_ANT1_802_11ax(HE40)_5795



Duty Cycle NVNT_ANT1_802_11ac(VHT80)_5775

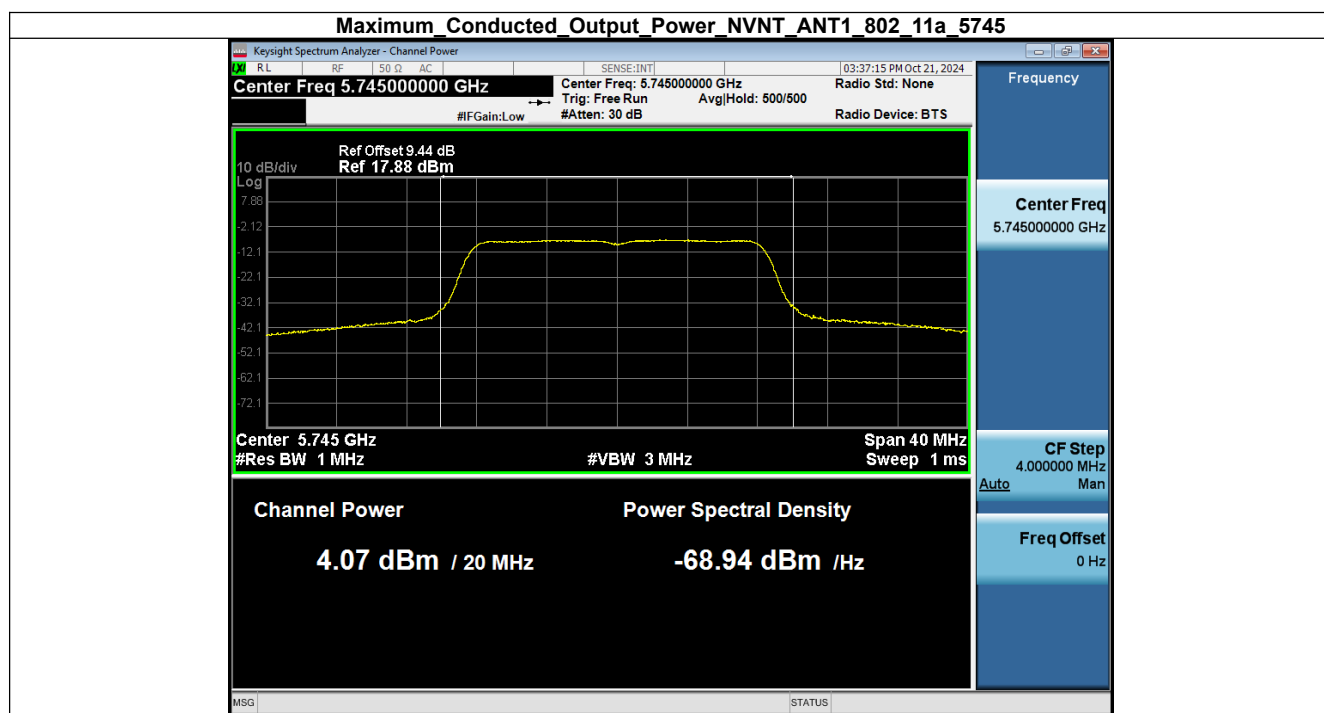


Duty_Cycle_NVNT_ANT1_802_11ax(HE80)_5775

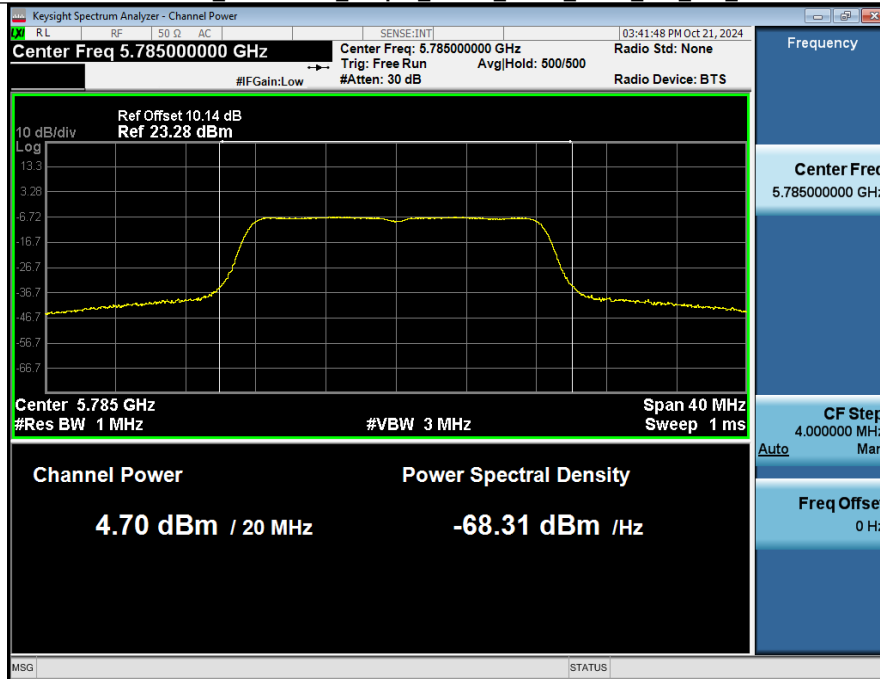


4. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	4.07	0.12	4.19	30	Pass
NVNT	ANT1	802.11a	5785.00	4.70	0.18	4.88	30	Pass
NVNT	ANT1	802.11a	5825.00	4.27	0.18	4.45	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	4.29	0.22	4.51	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	4.71	0.14	4.85	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	4.55	0.14	4.69	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	4.41	0.21	4.62	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	4.96	0.22	5.18	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	4.46	0.22	4.68	30	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	4.37	0.22	4.59	30	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	4.89	0.22	5.11	30	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	4.41	0.22	4.63	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	4.00	0.43	4.43	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	3.96	0.28	4.24	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	3.97	0.43	4.40	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	3.92	0.43	4.35	30	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	4.04	0.43	4.47	30	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	3.95	0.28	4.23	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	4.62	0.79	5.41	30	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	4.61	0.79	5.40	30	Pass



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5785



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5825

