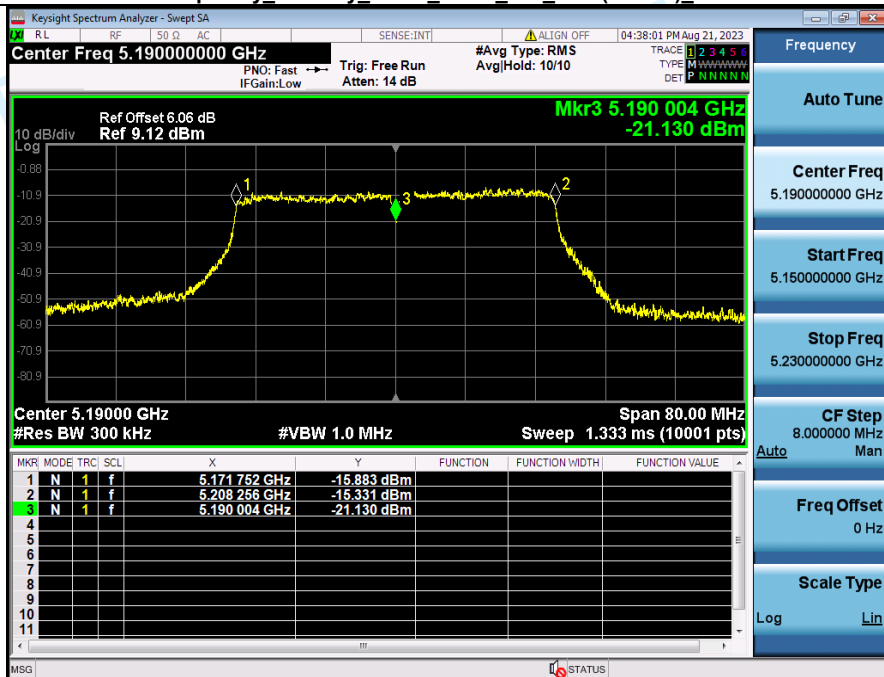
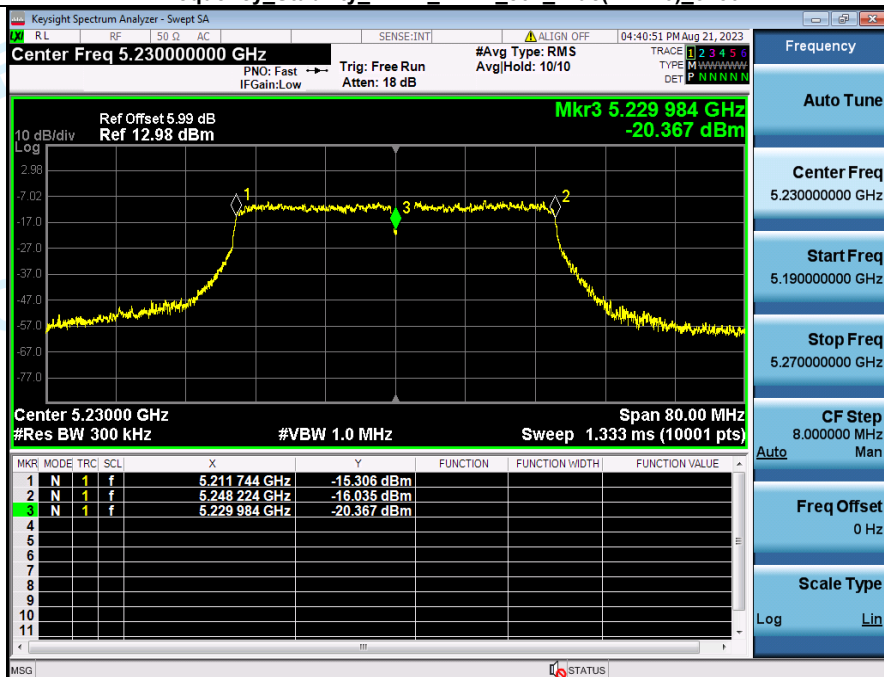
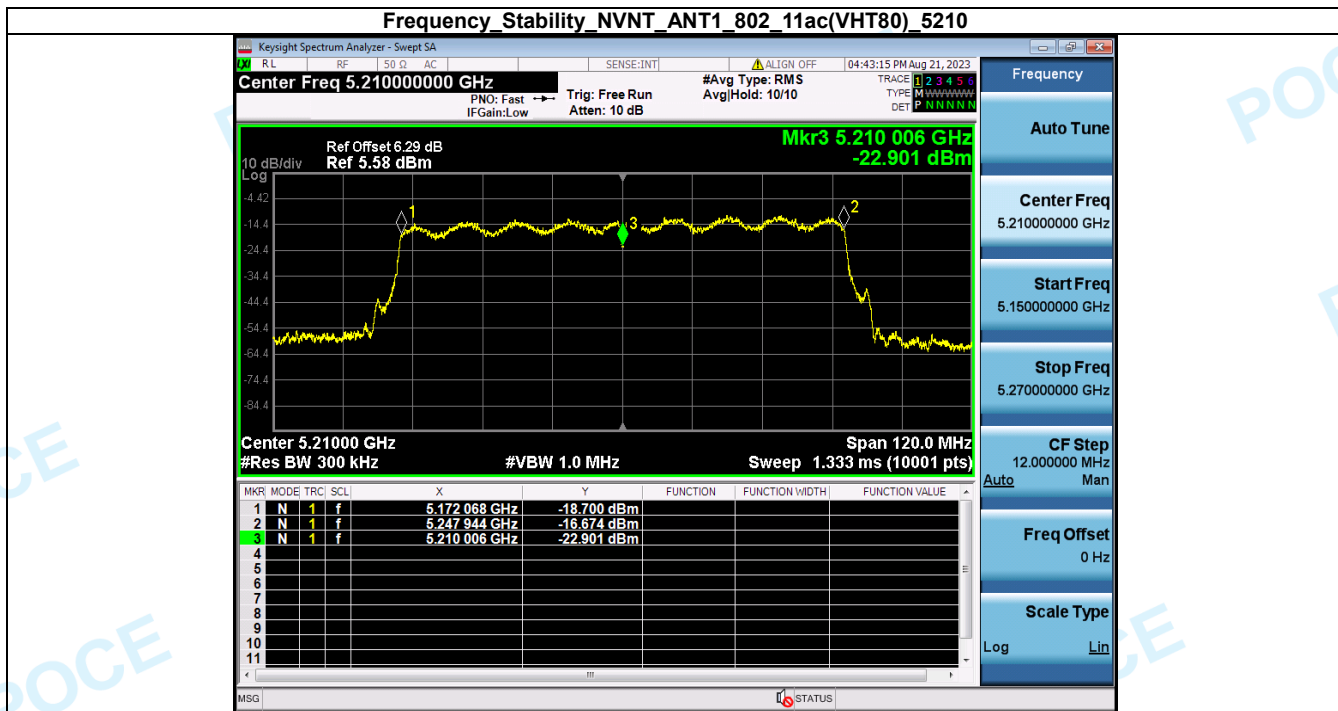


Frequency Stability NVNT_ANT1_802_11ac(VHT40)_5190



Frequency Stability NVNT_ANT1_802_11ac(VHT40)_5230

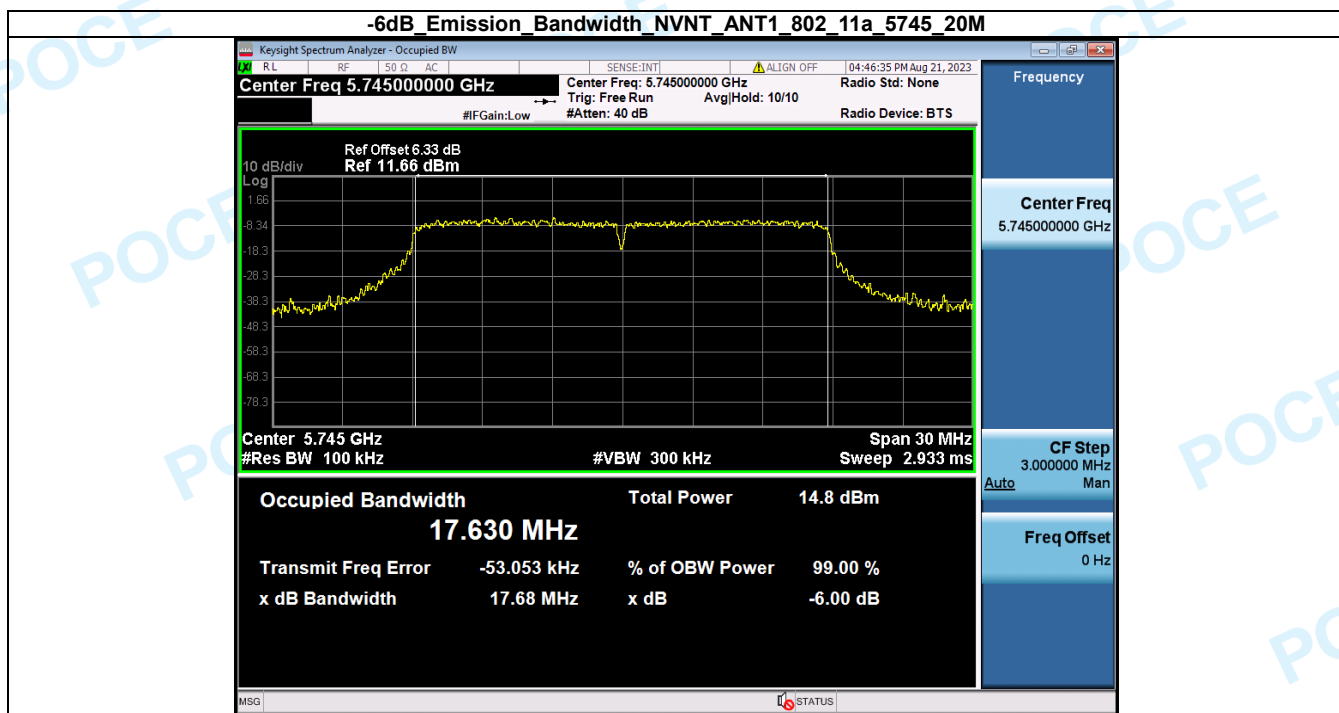




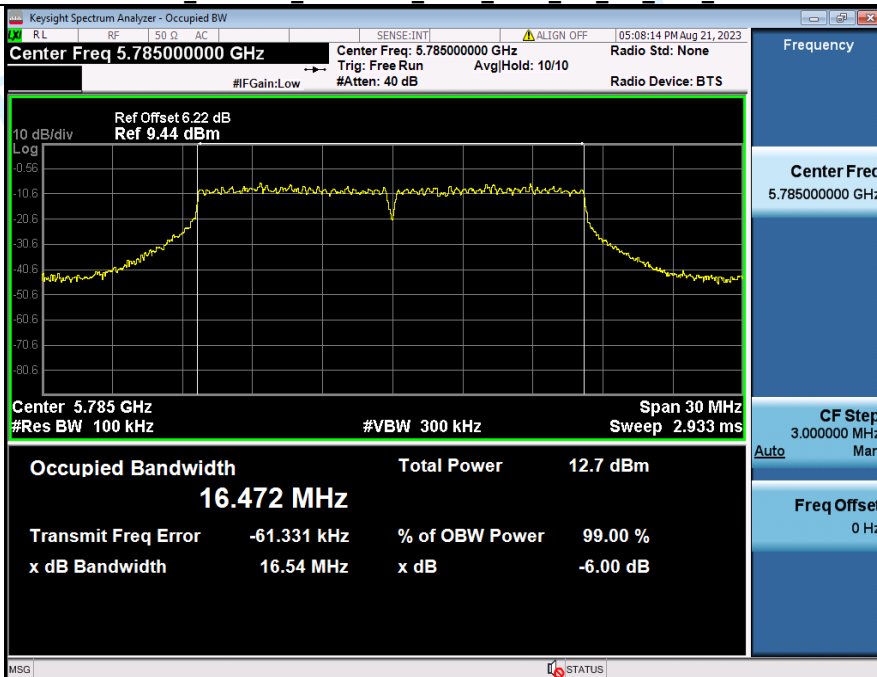
Appendix-5.8G

1. -6dB Emission Bandwidth

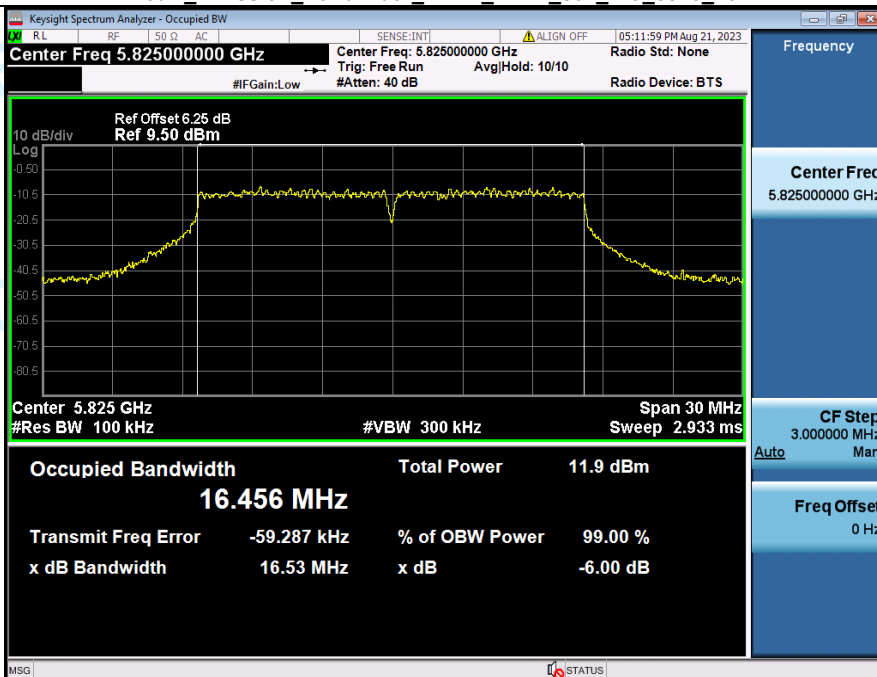
Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	LCH	5745.00	17.683	0.500	Pass
NVNT	ANT1	MCH	5785.00	16.543	0.500	Pass
NVNT	ANT1	HCH	5825.00	16.528	0.500	Pass
NVNT	ANT1	LCH	5745.00	17.762	0.500	Pass
NVNT	ANT1	MCH	5785.00	17.768	0.500	Pass
NVNT	ANT1	HCH	5825.00	17.777	0.500	Pass
NVNT	ANT1	LCH	5745.00	17.741	0.500	Pass
NVNT	ANT1	MCH	5785.00	17.760	0.500	Pass
NVNT	ANT1	HCH	5825.00	17.754	0.500	Pass
NVNT	ANT1	LCH	5755.00	36.475	0.500	Pass
NVNT	ANT1	HCH	5795.00	36.494	0.500	Pass
NVNT	ANT1	LCH	5755.00	36.426	0.500	Pass
NVNT	ANT1	HCH	5795.00	36.445	0.500	Pass
NVNT	ANT1	MCH	5775.00	76.386	0.500	Pass



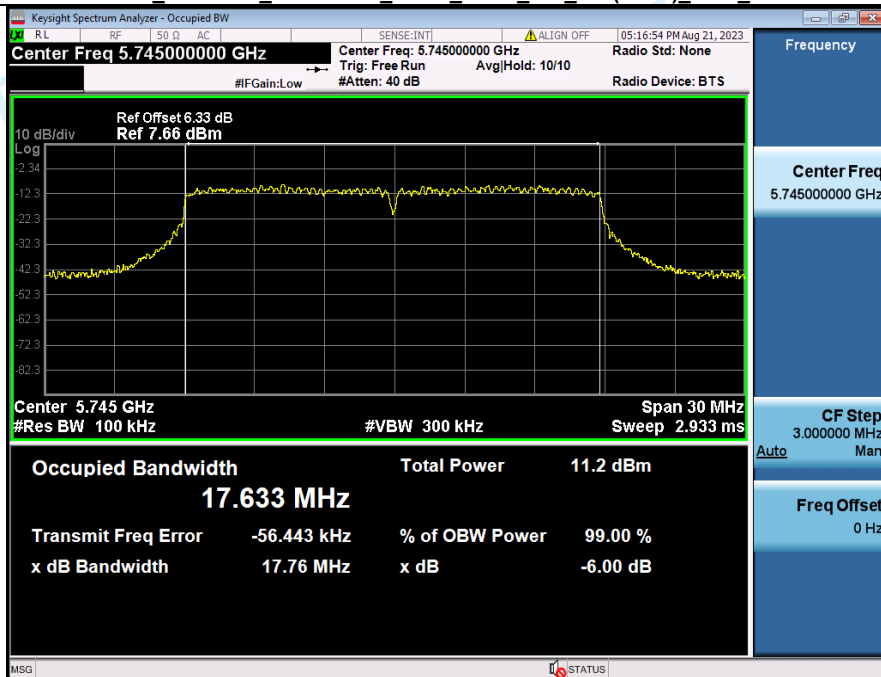
-6dB Emission Bandwidth_NVNT_ANT1_802_11a_5785_20M



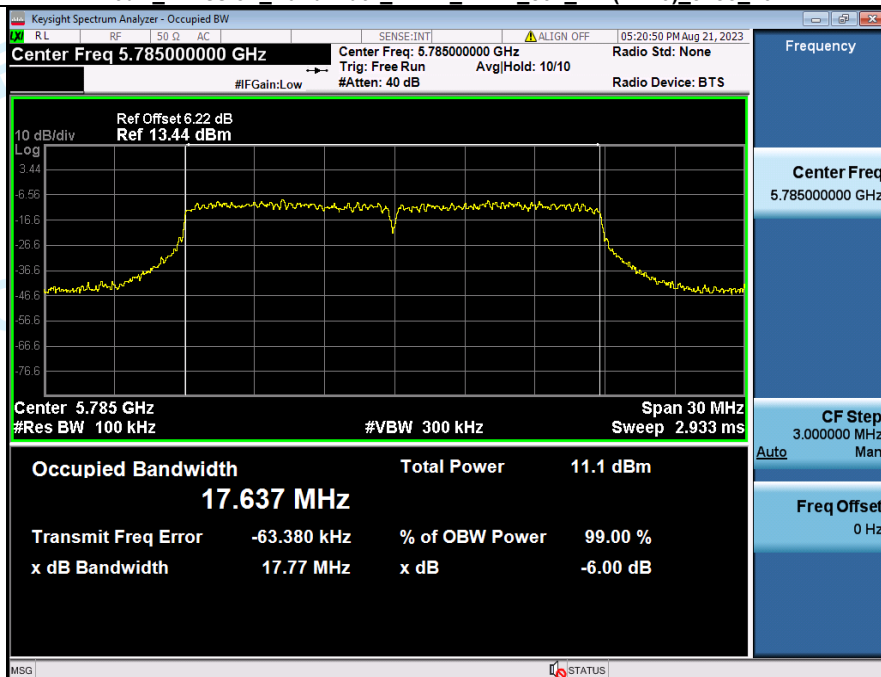
-6dB Emission Bandwidth_NVNT_ANT1_802_11a_5825_20M



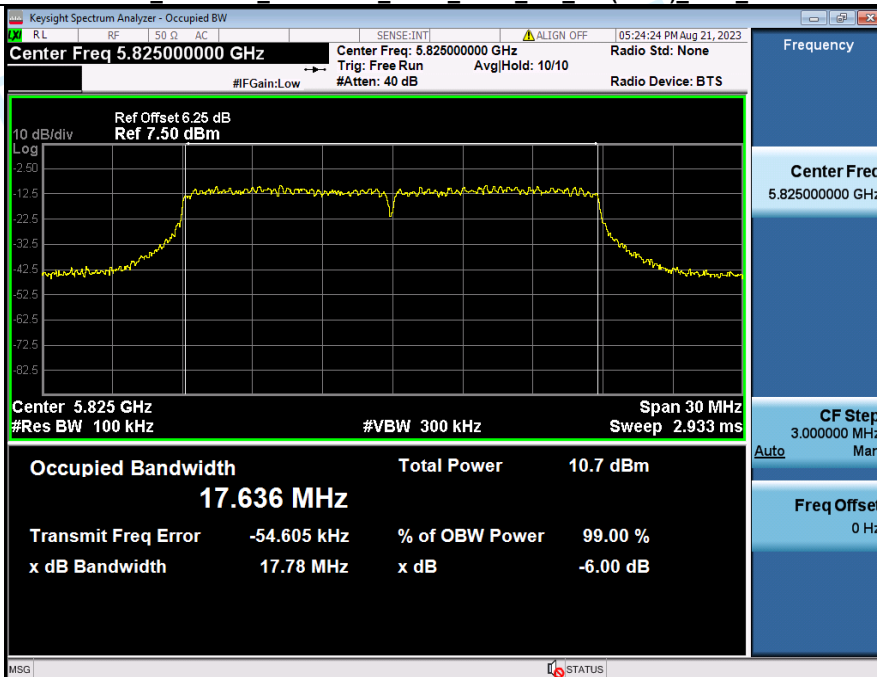
-6dB Emission Bandwidth_NVNT_ANT1_802_11n(HT20)_5745_20M



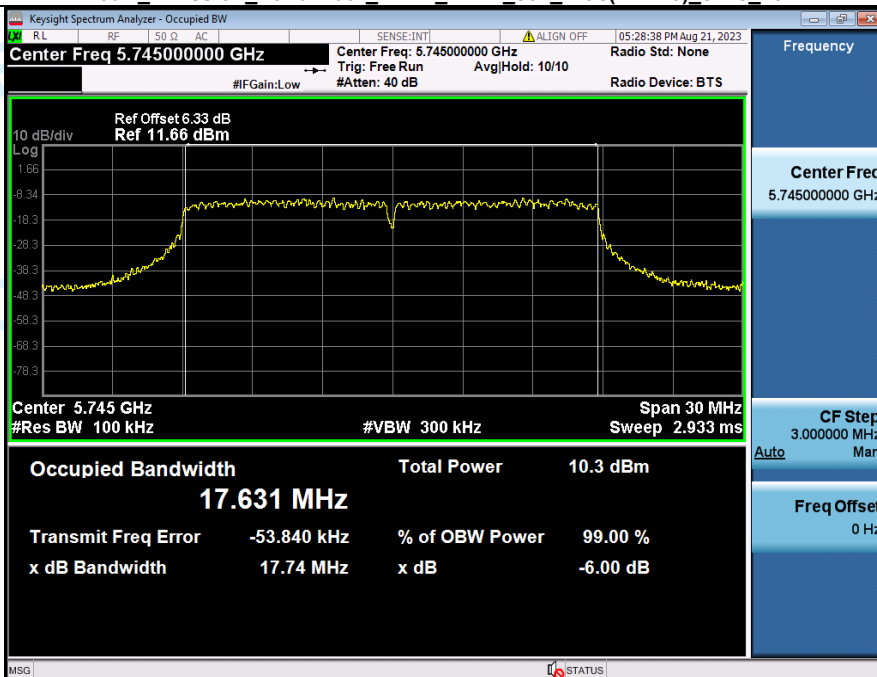
-6dB Emission Bandwidth_NVNT_ANT1_802_11n(HT20)_5785_20M



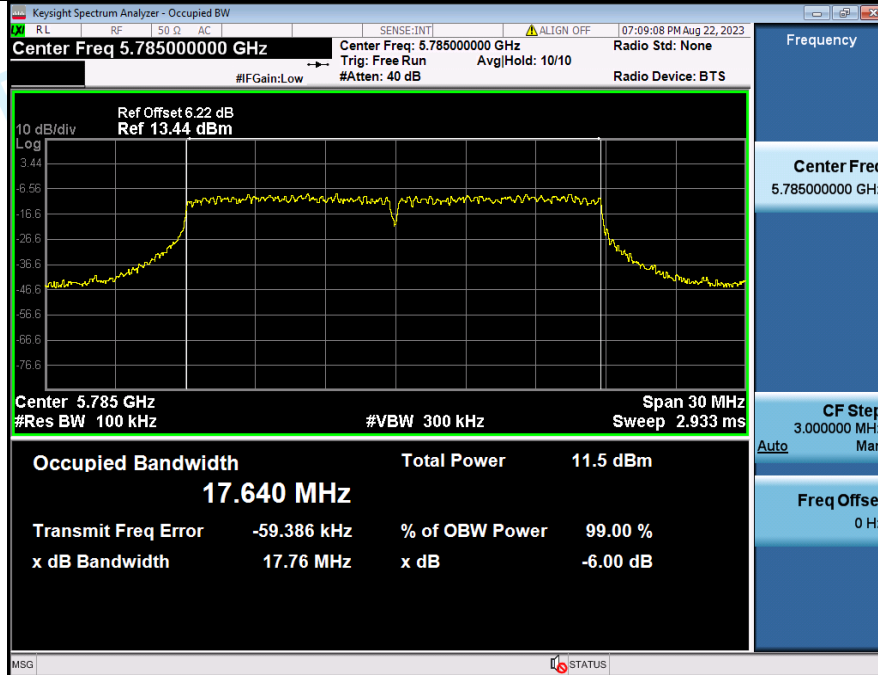
-6dB Emission Bandwidth_NVNT_ANT1_802_11n(HT20)_5825_20M



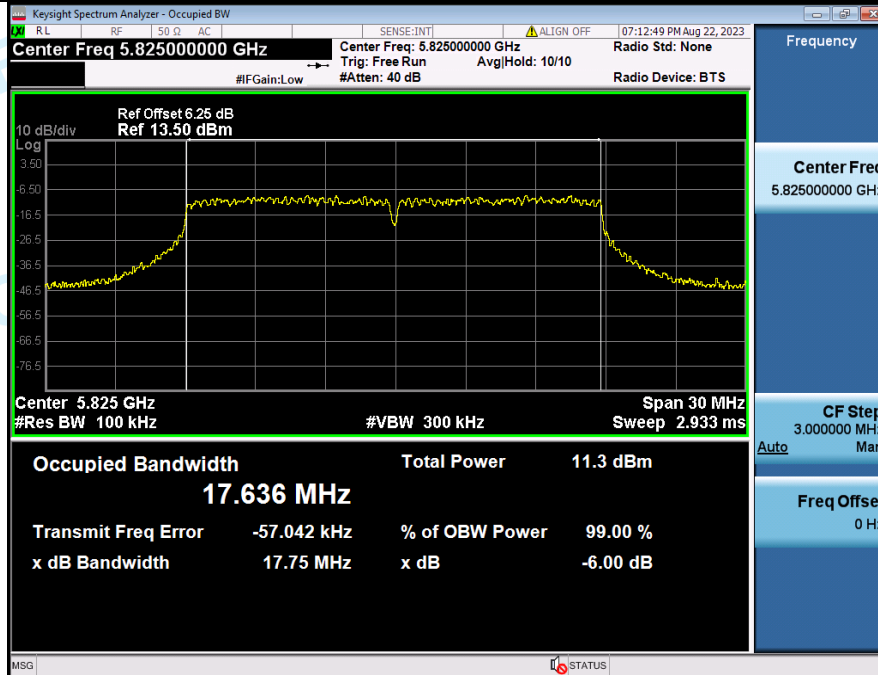
-6dB Emission Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5745_20M



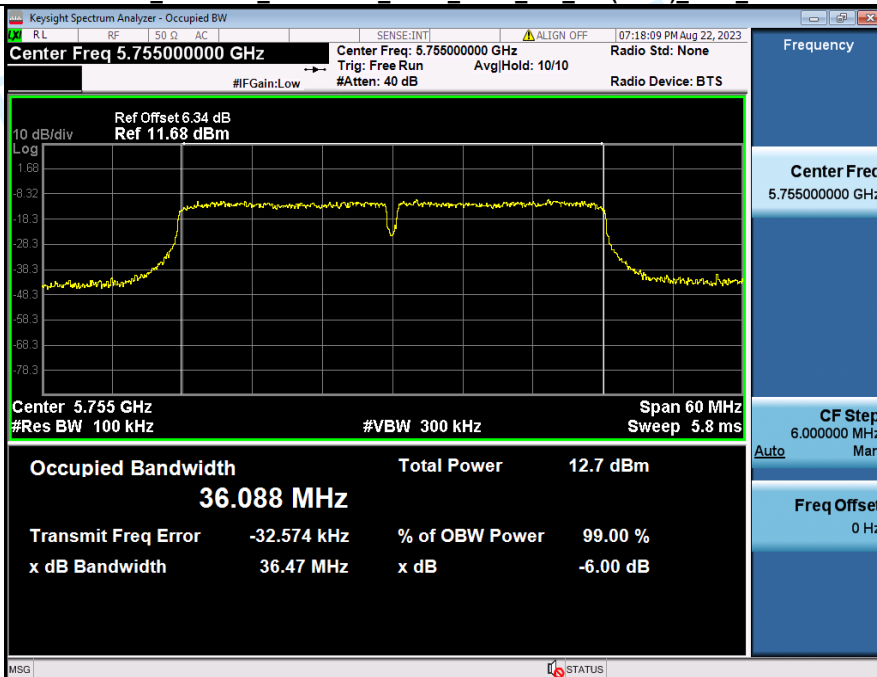
-6dB Emission Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5785_20M



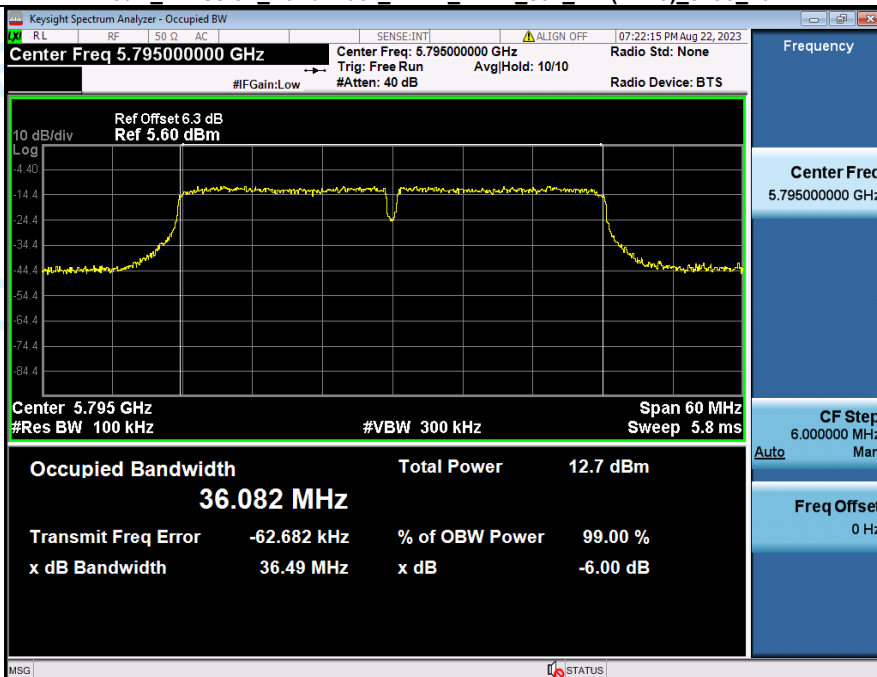
-6dB Emission Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5825_20M



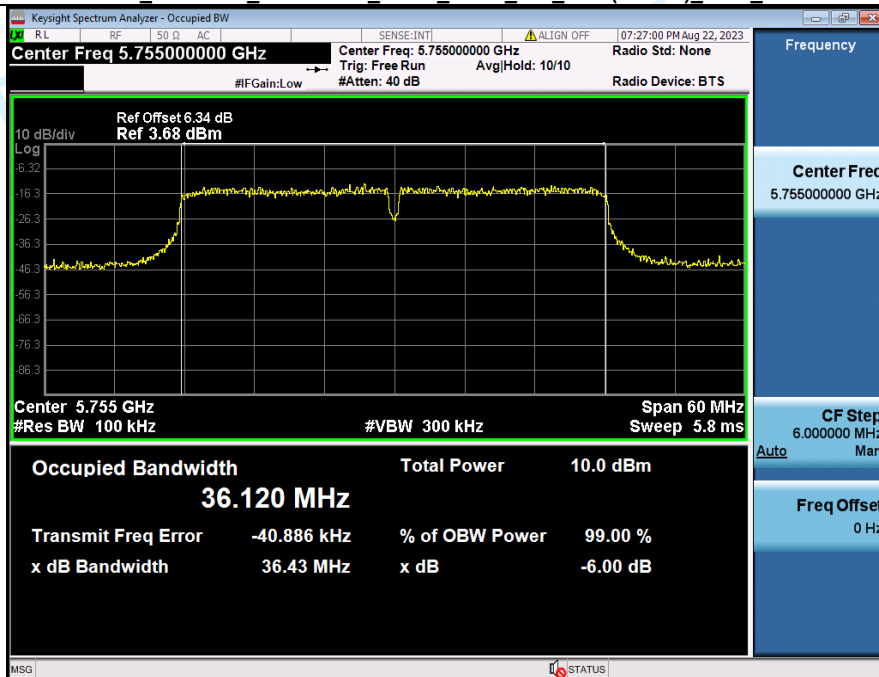
-6dB Emission Bandwidth_NVNT_ANT1_802_11n(HT40)_5755_40M



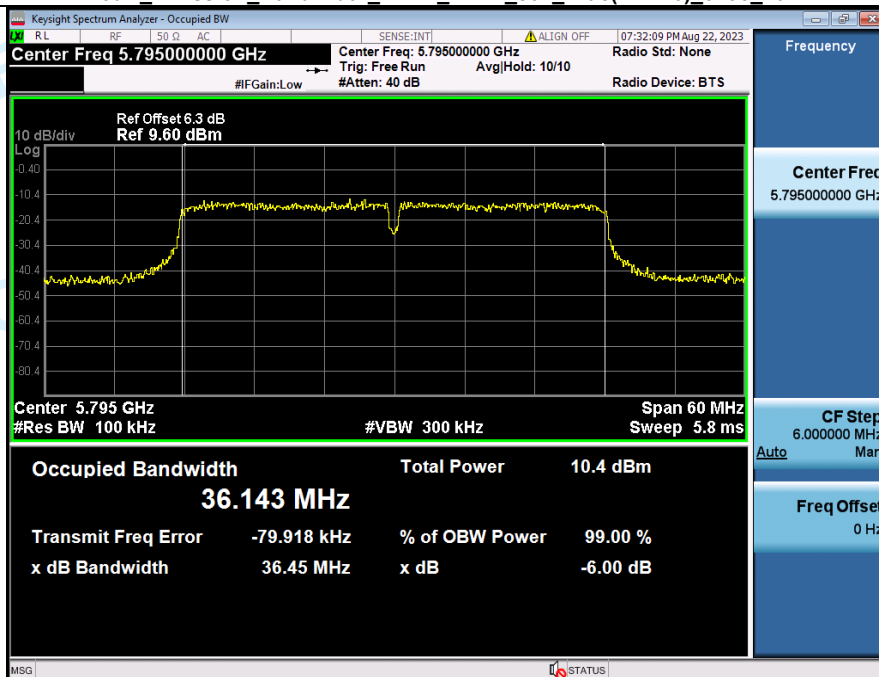
-6dB Emission Bandwidth_NVNT_ANT1_802_11n(HT40)_5795_40M

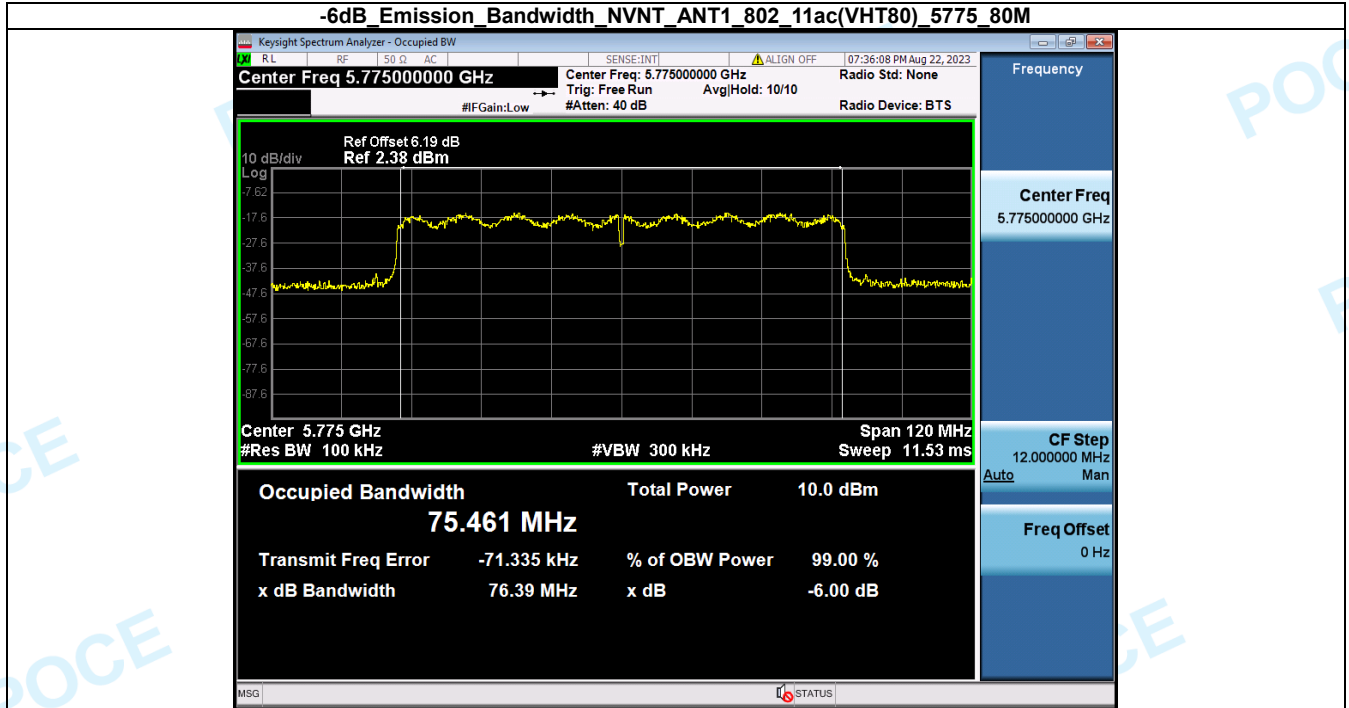


-6dB Emission Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5755_40M



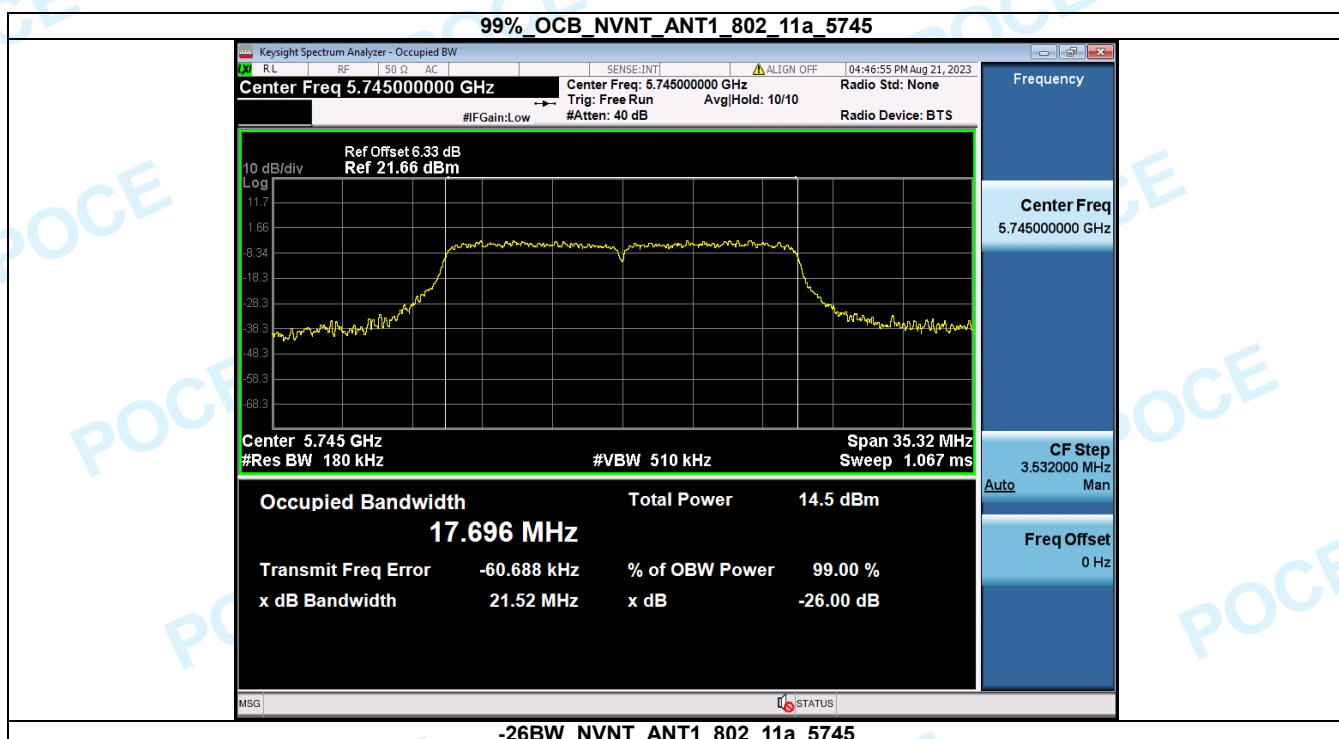
-6dB Emission Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5795_40M

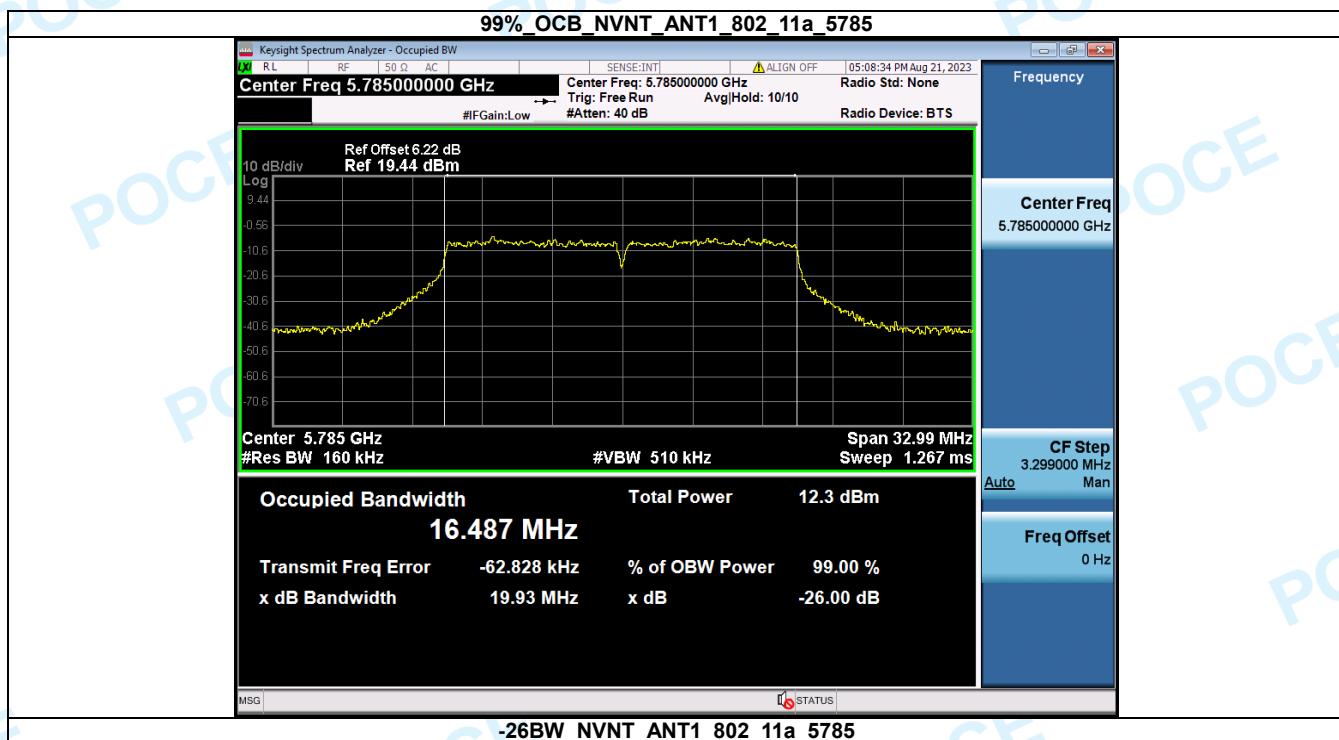
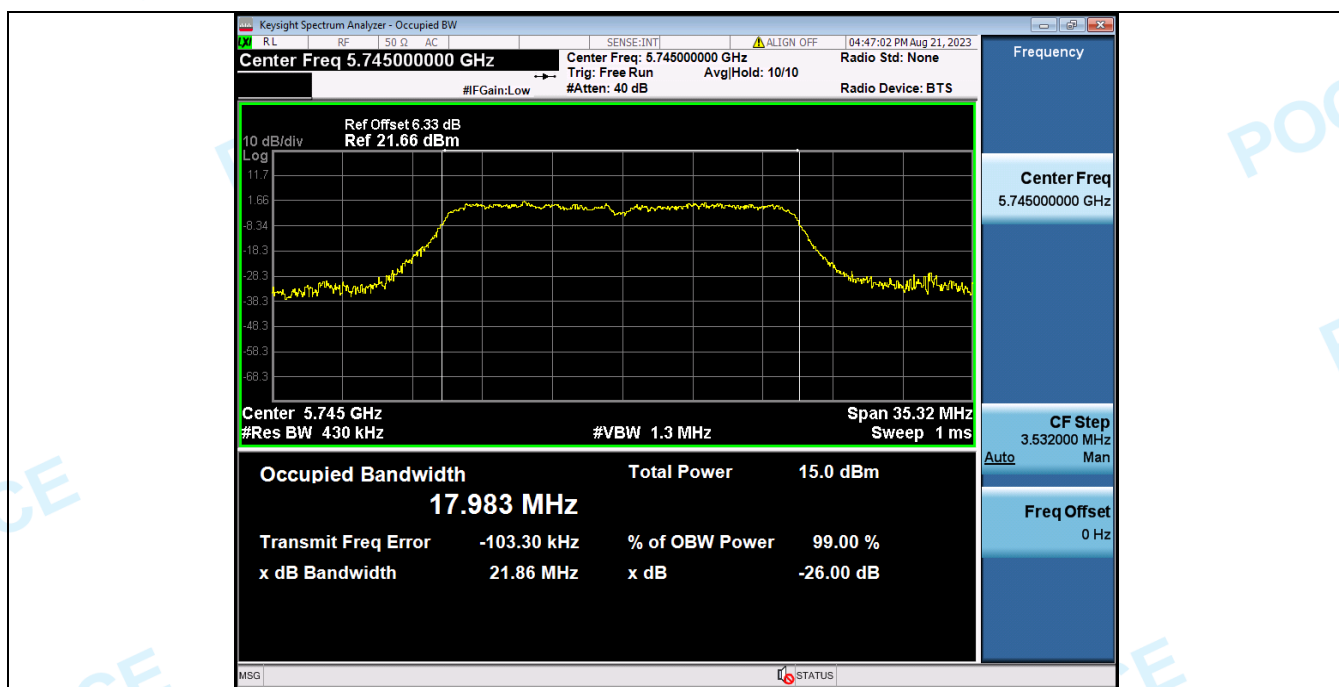


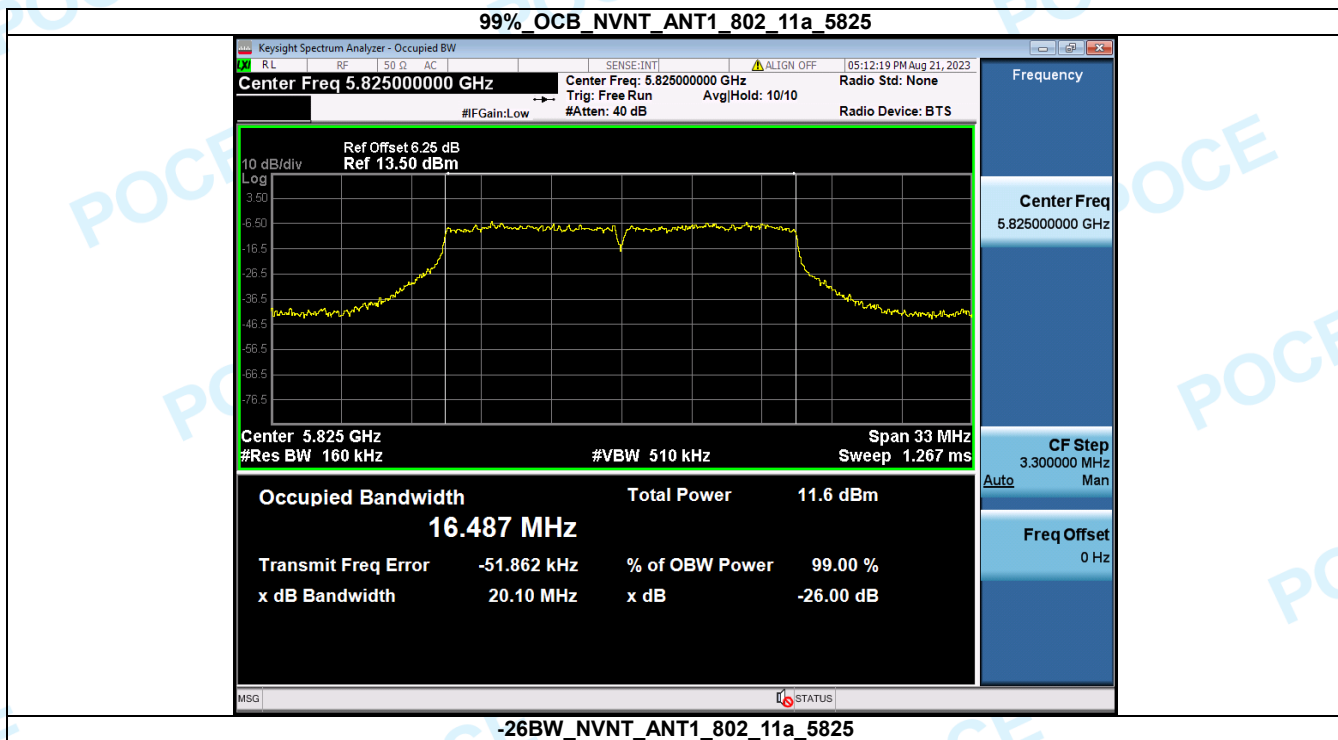
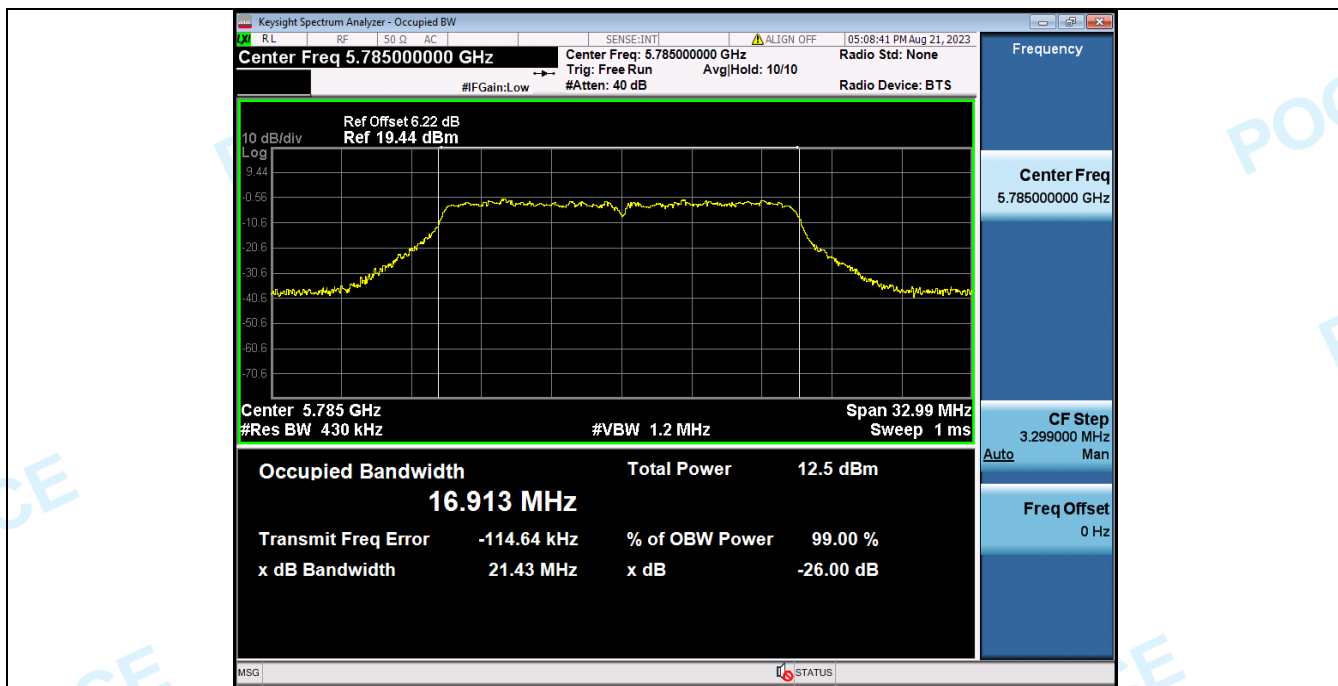


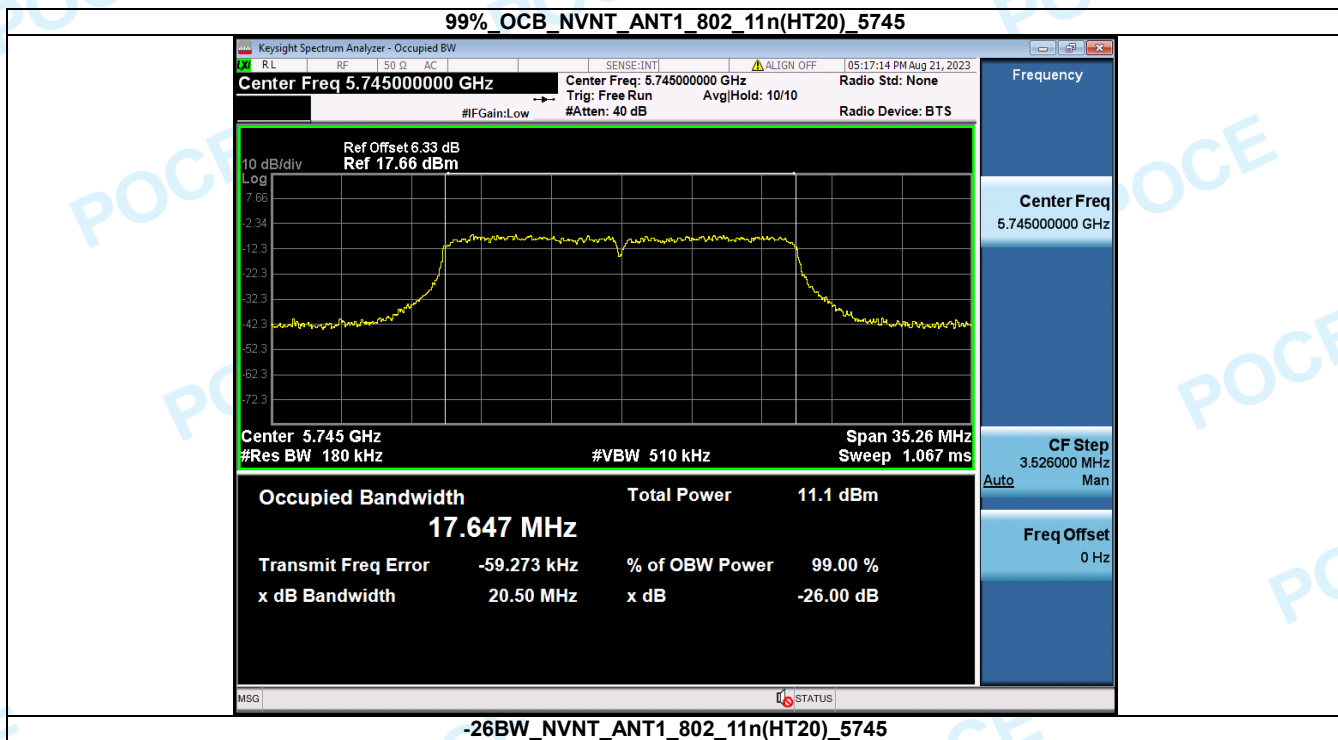
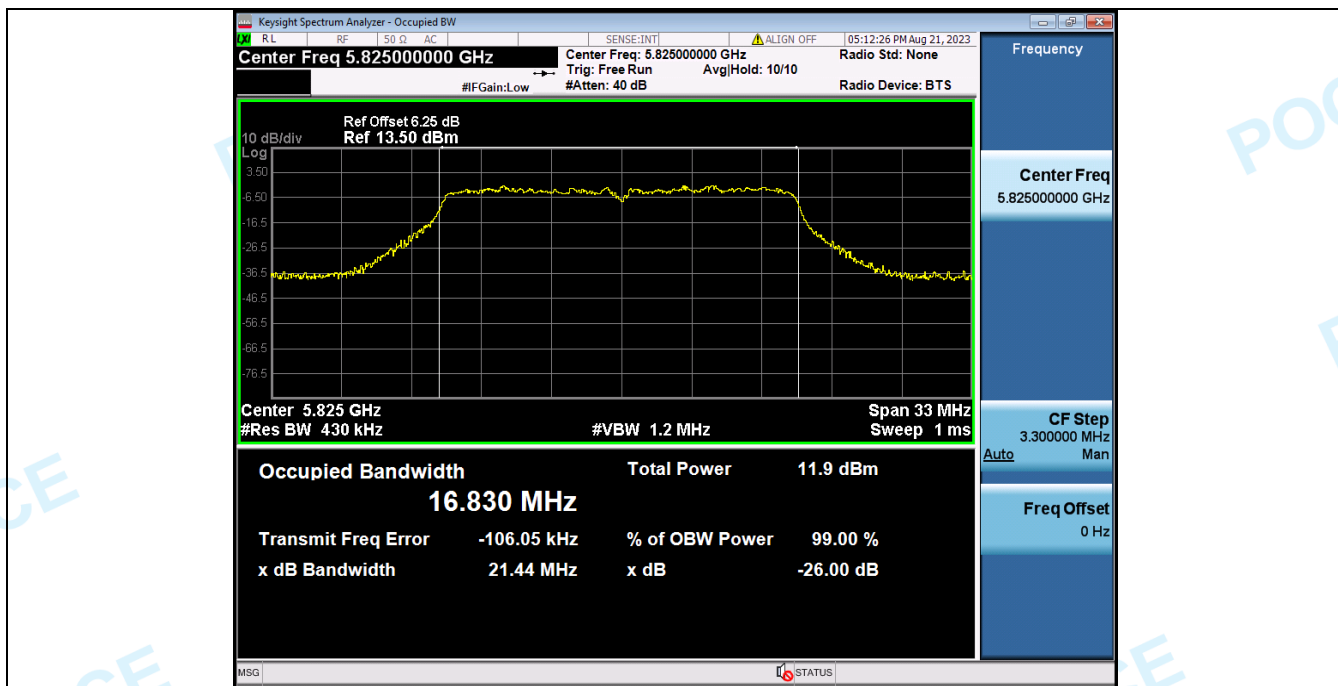
2. -26dB and 99% Emission Bandwidth

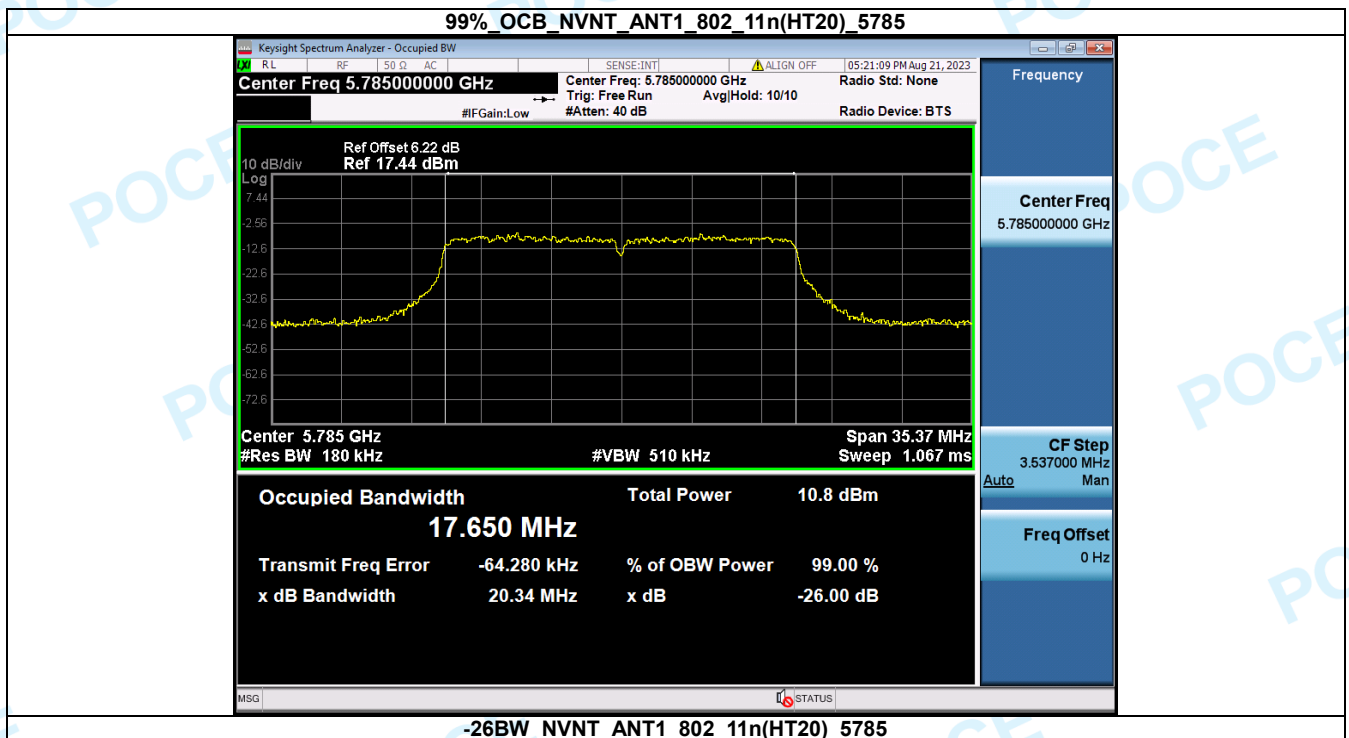
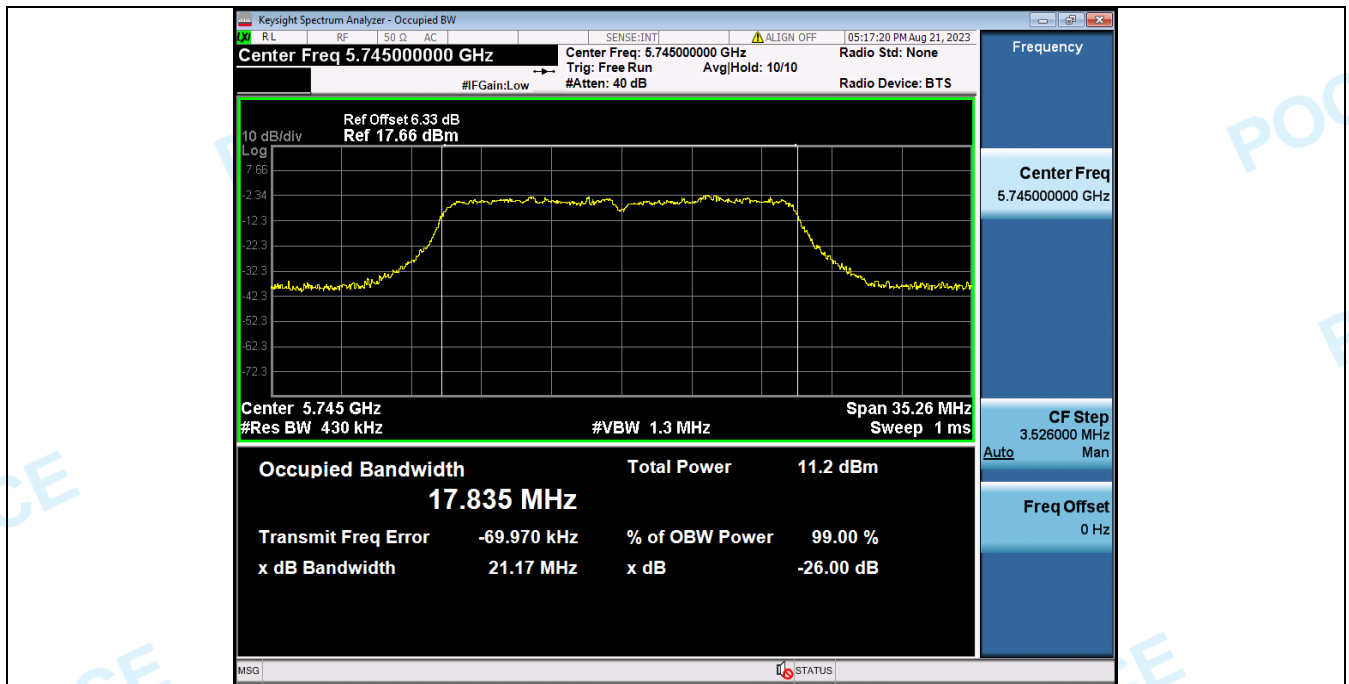
Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	21.86	17.70
NVNT	ANT1	802.11a	5785.00	21.43	16.49
NVNT	ANT1	802.11a	5825.00	21.44	16.49
NVNT	ANT1	802.11n(HT20)	5745.00	21.17	17.65
NVNT	ANT1	802.11n(HT20)	5785.00	21.25	17.65
NVNT	ANT1	802.11n(HT20)	5825.00	21.28	17.65
NVNT	ANT1	802.11ac(VHT20)	5745.00	21.81	17.69
NVNT	ANT1	802.11ac(VHT20)	5785.00	21.64	17.68
NVNT	ANT1	802.11ac(VHT20)	5825.00	21.84	17.70
NVNT	ANT1	802.11n(HT40)	5755.00	44.18	36.18
NVNT	ANT1	802.11n(HT40)	5795.00	43.62	36.20
NVNT	ANT1	802.11ac(VHT40)	5755.00	43.35	36.23
NVNT	ANT1	802.11ac(VHT40)	5795.00	43.02	36.23
NVNT	ANT1	802.11ac(VHT80)	5775.00	88.20	75.79



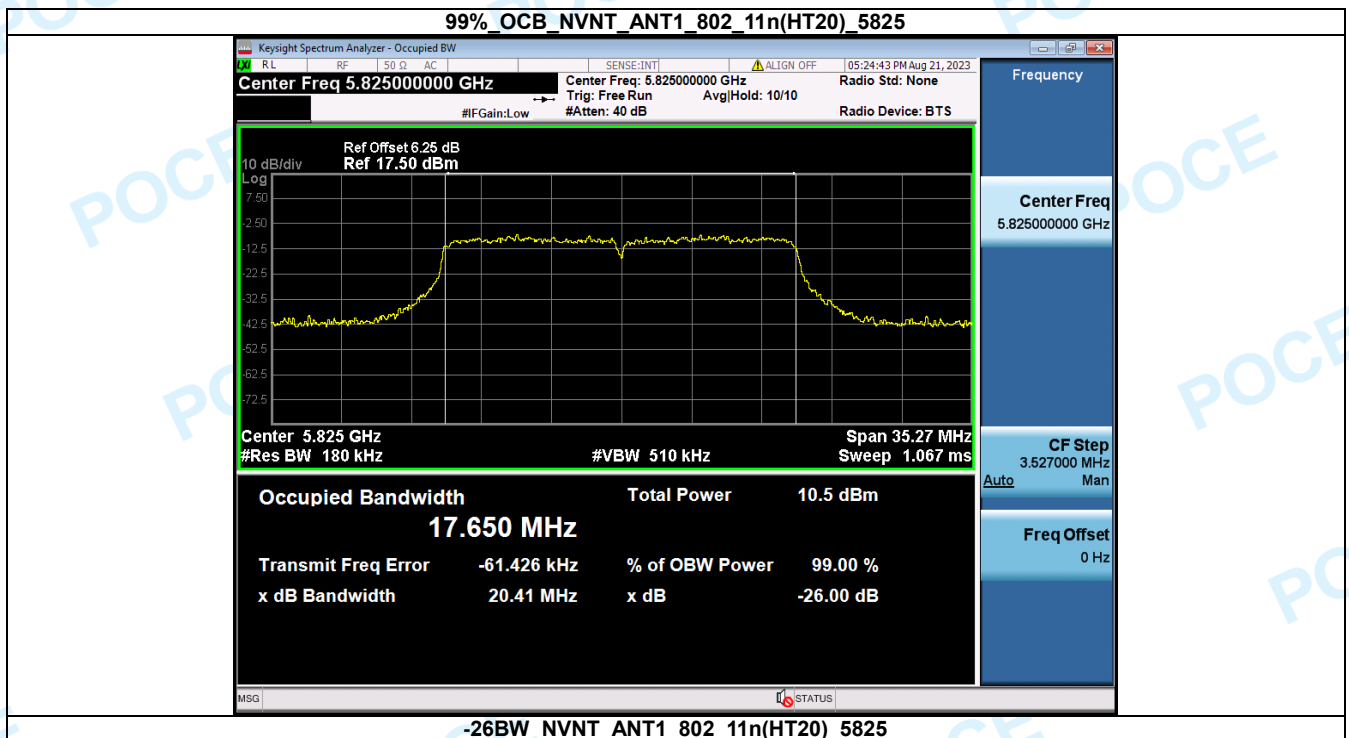
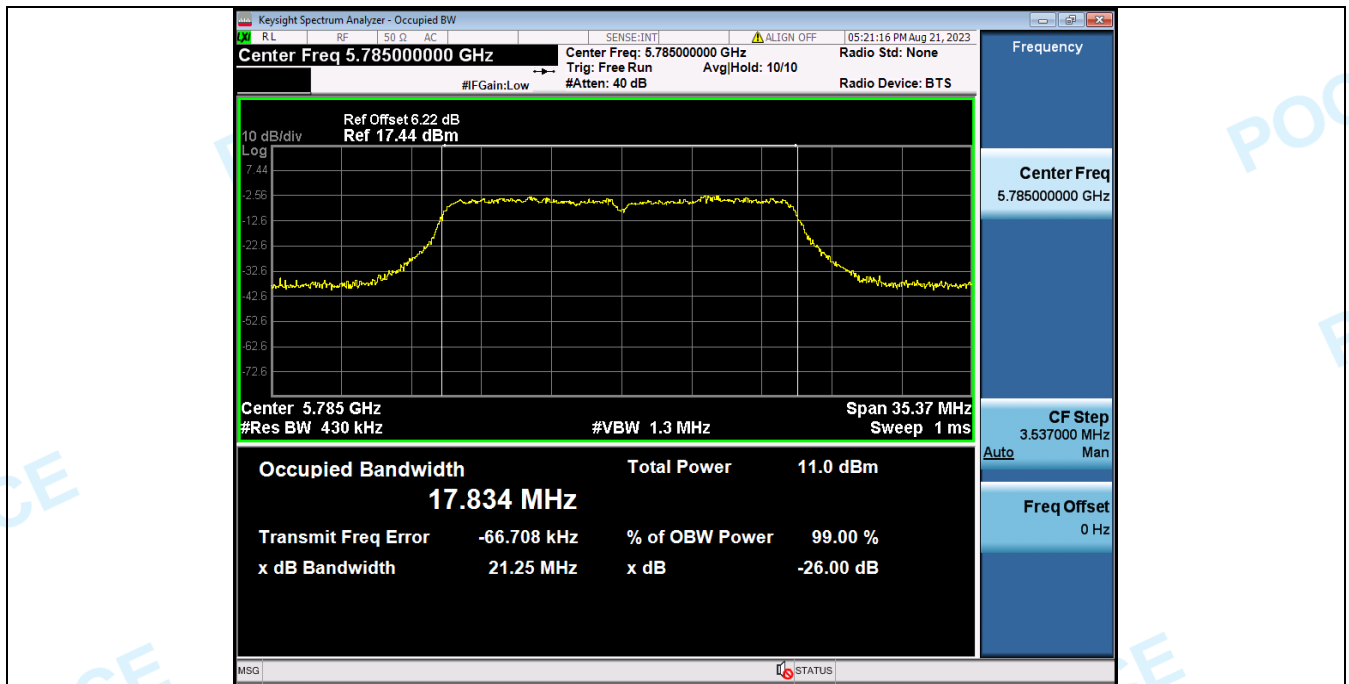




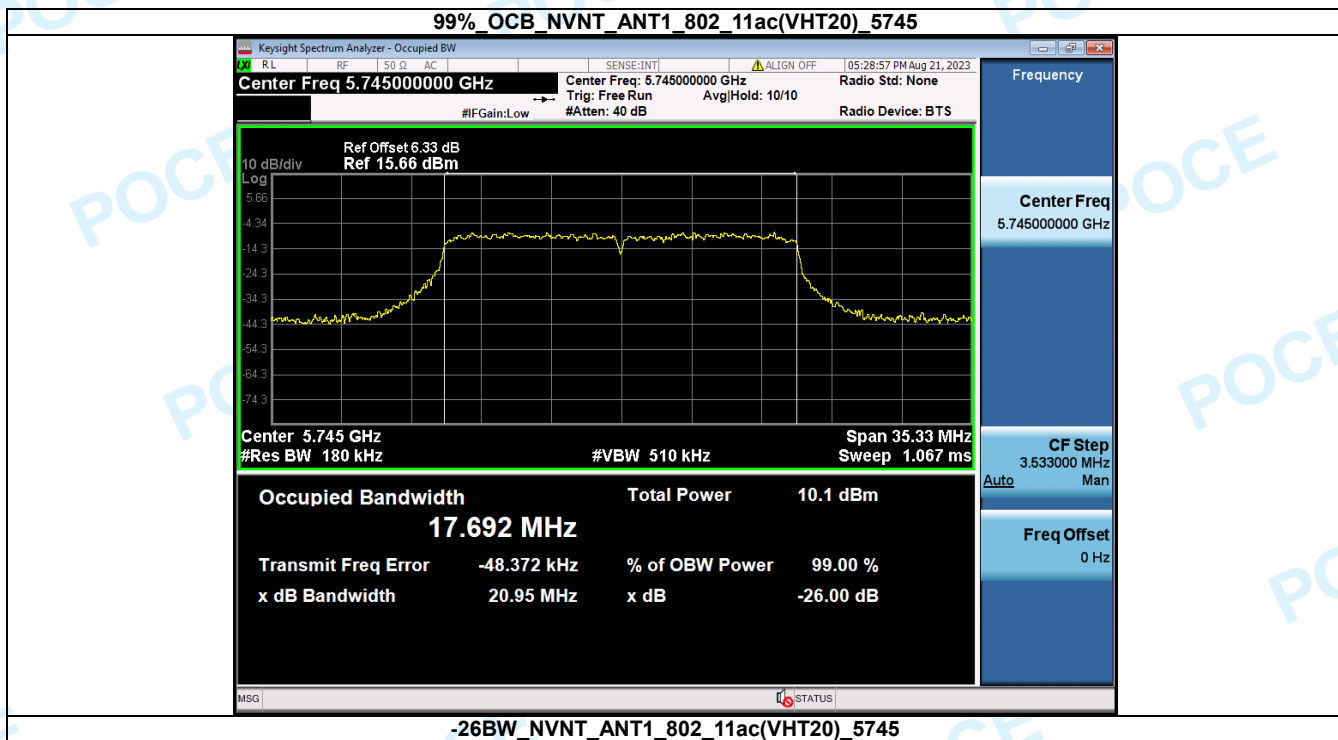
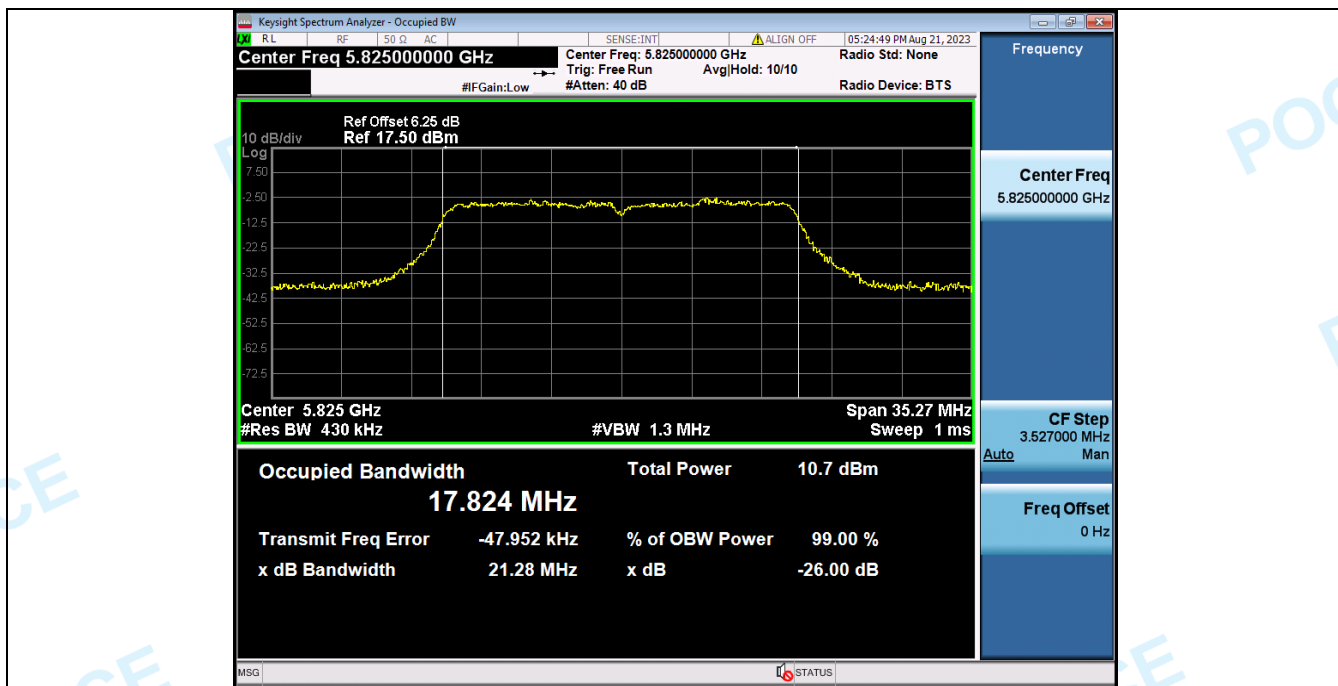




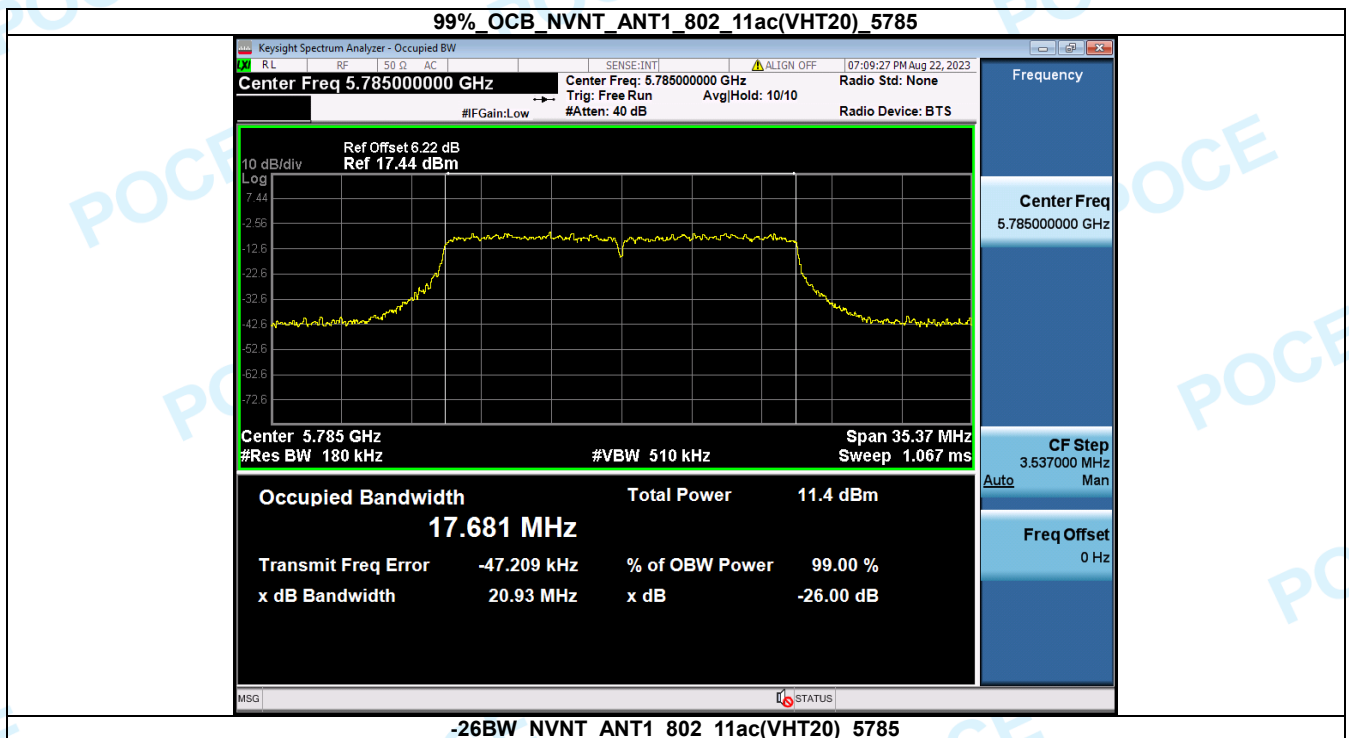
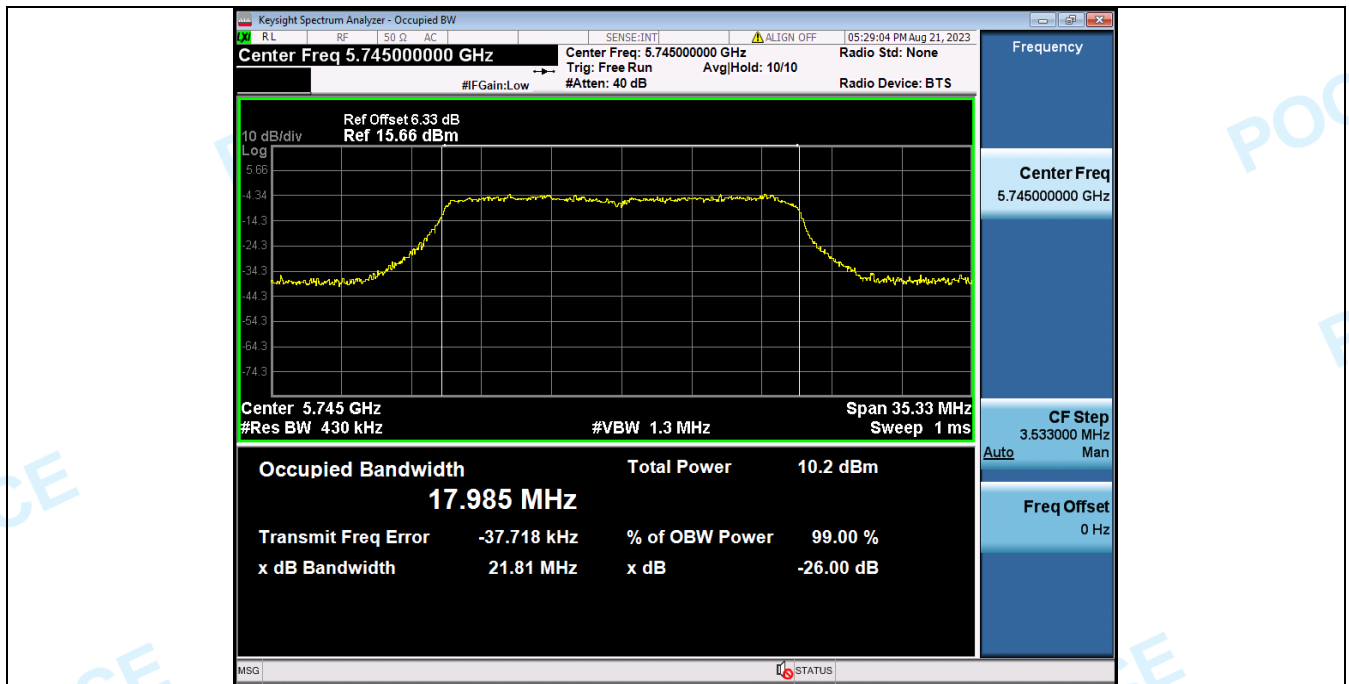
-26BW_NVNT_ANT1_802_11n(HT20)_5785



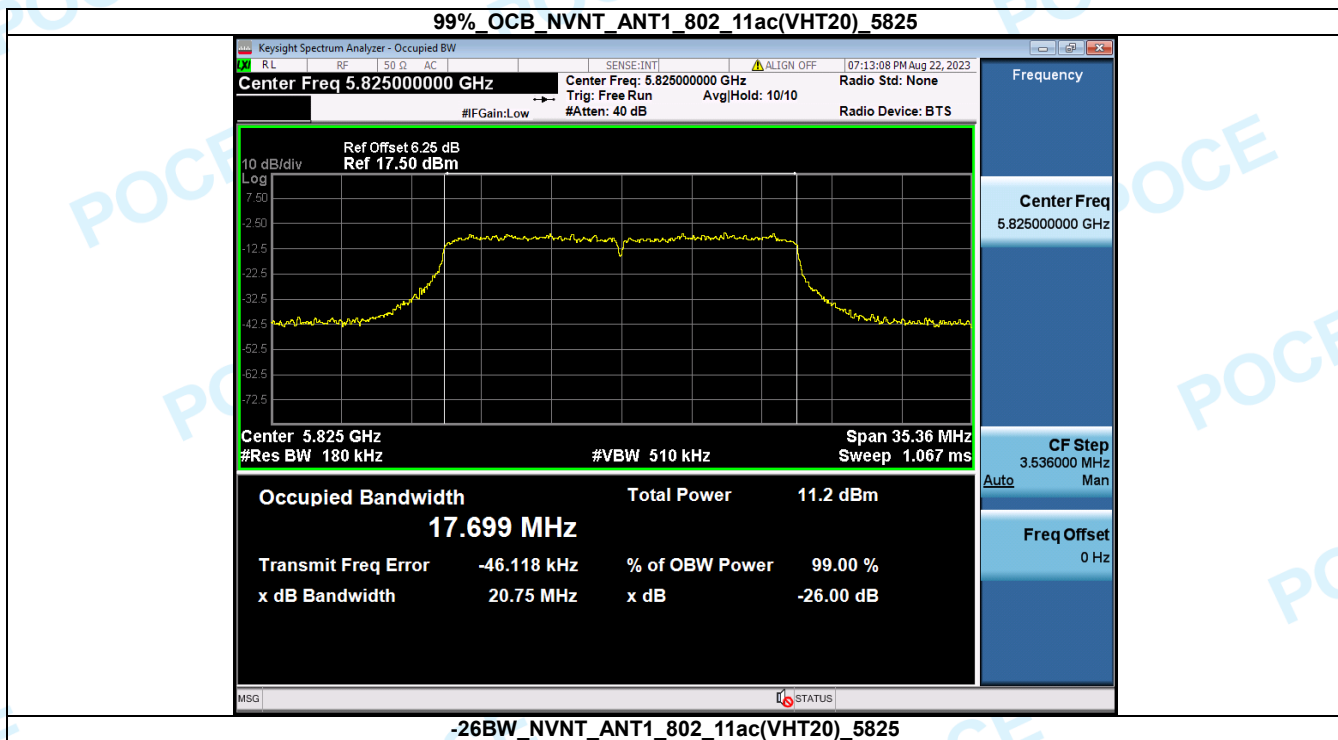
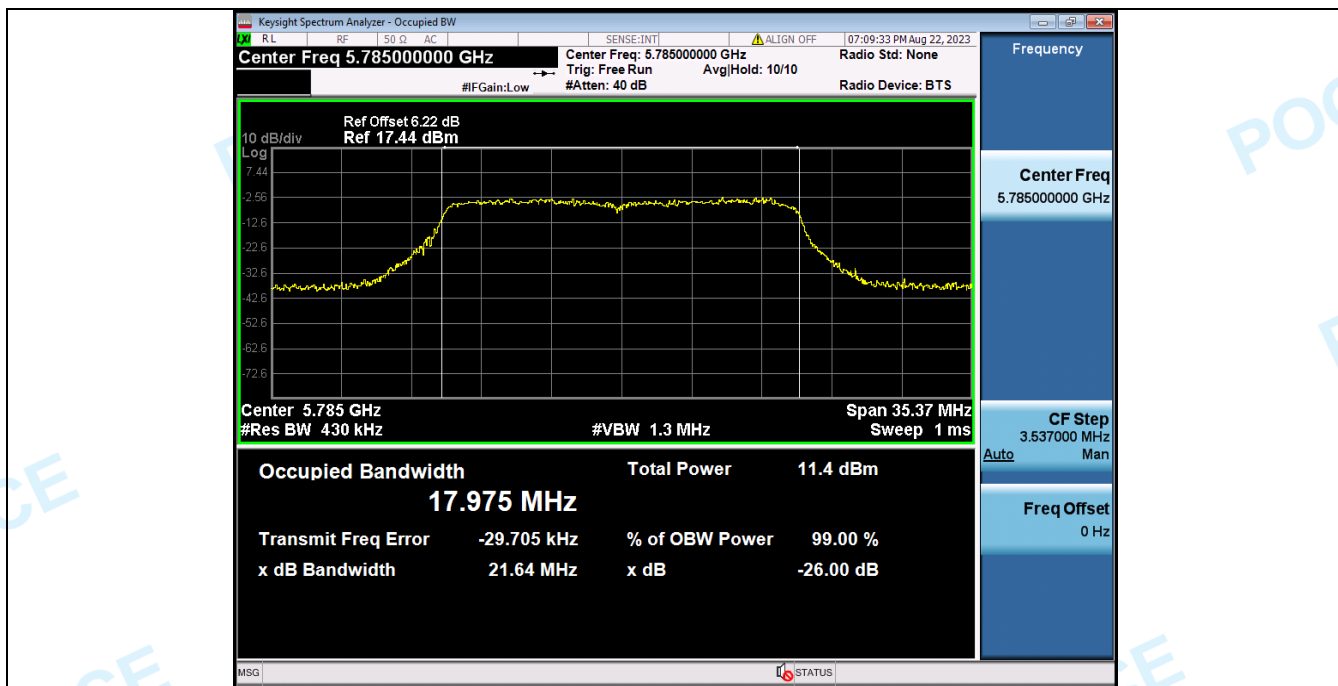
-26BW_NVNT_ANT1_802_11n(HT20)_5825

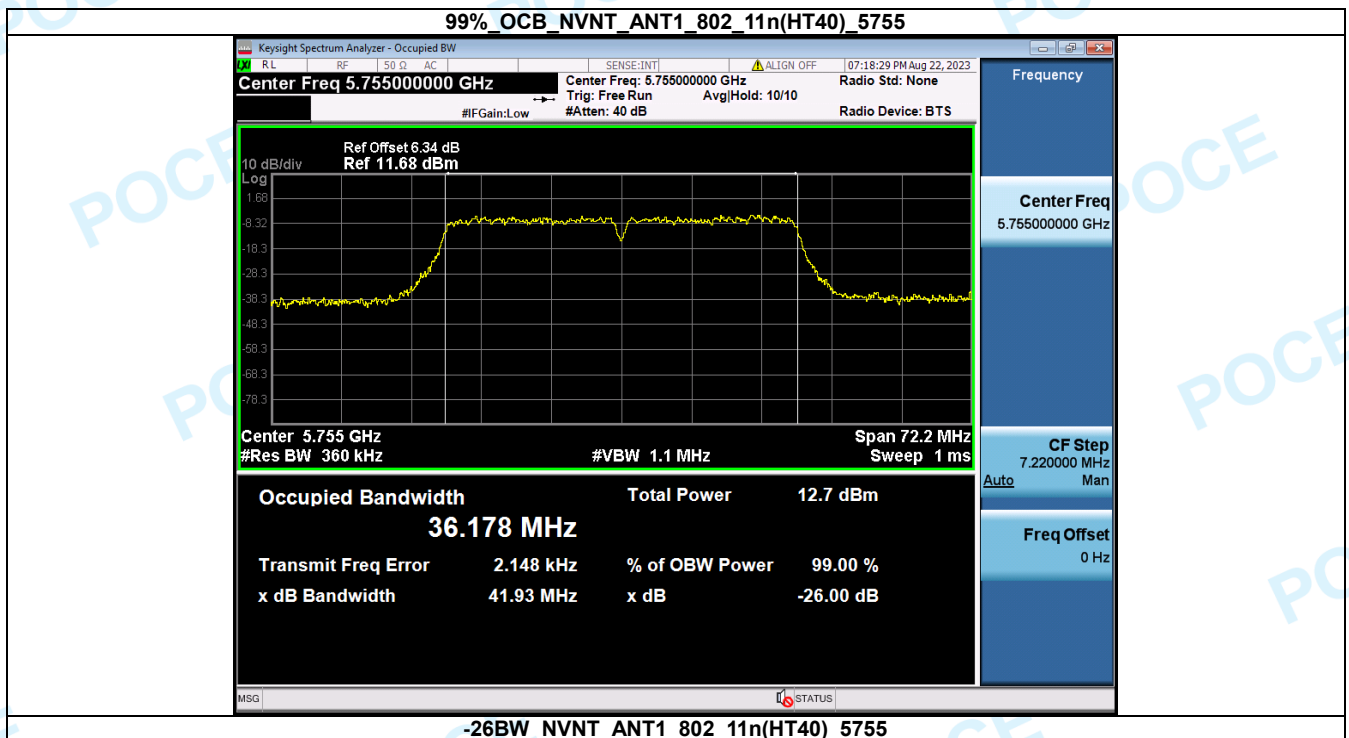
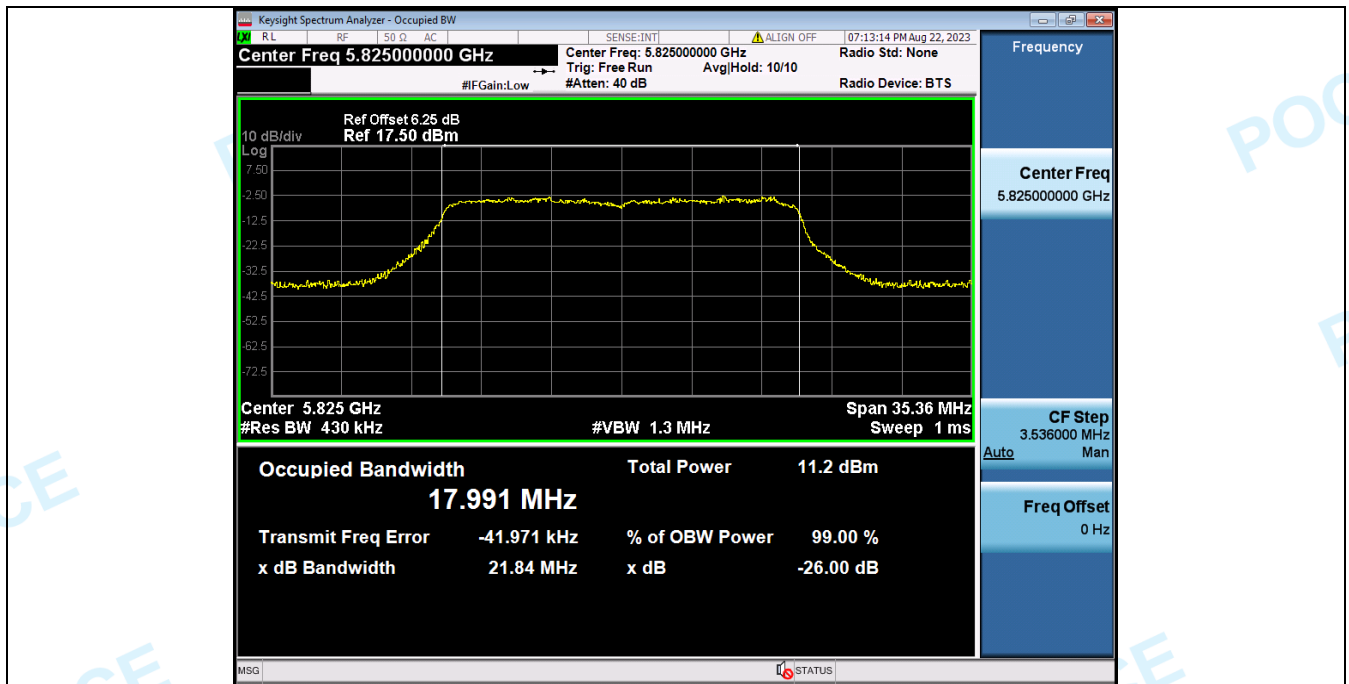


-26BW NVNT_ANT1_802_11ac(VHT20)_5745

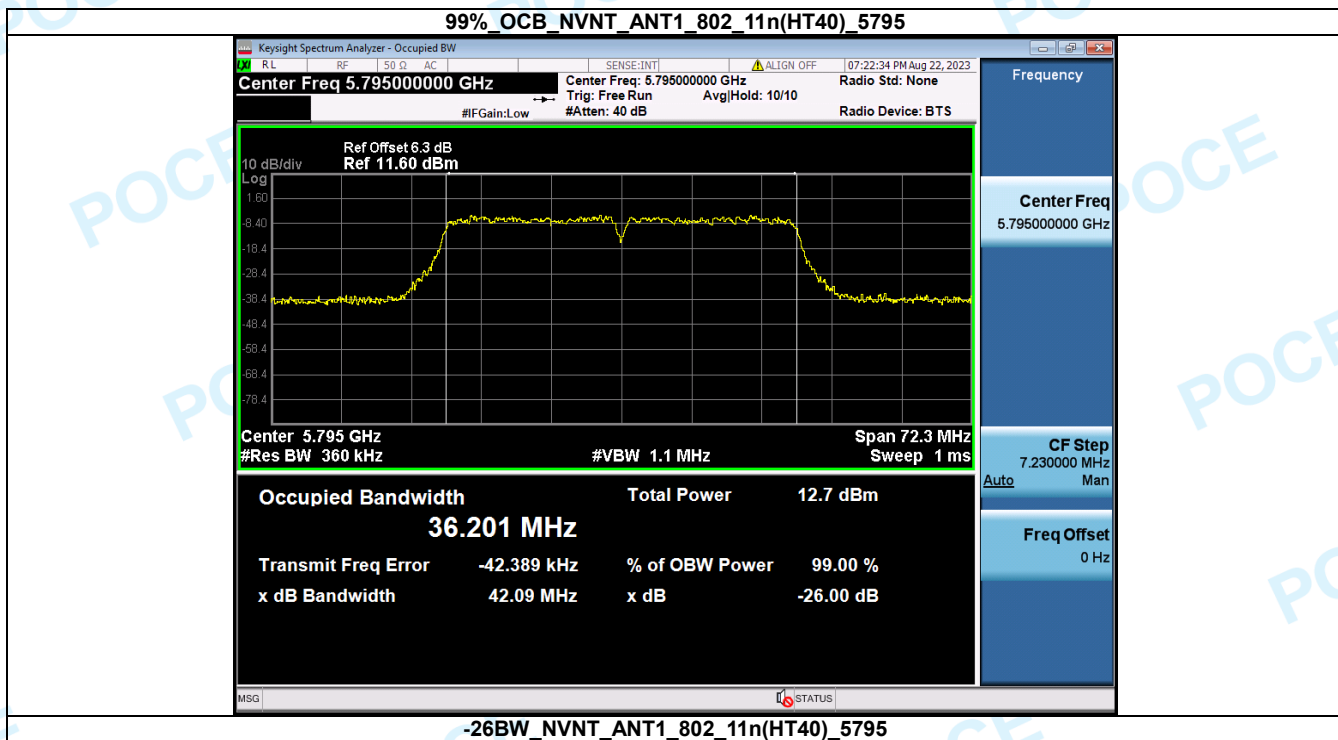
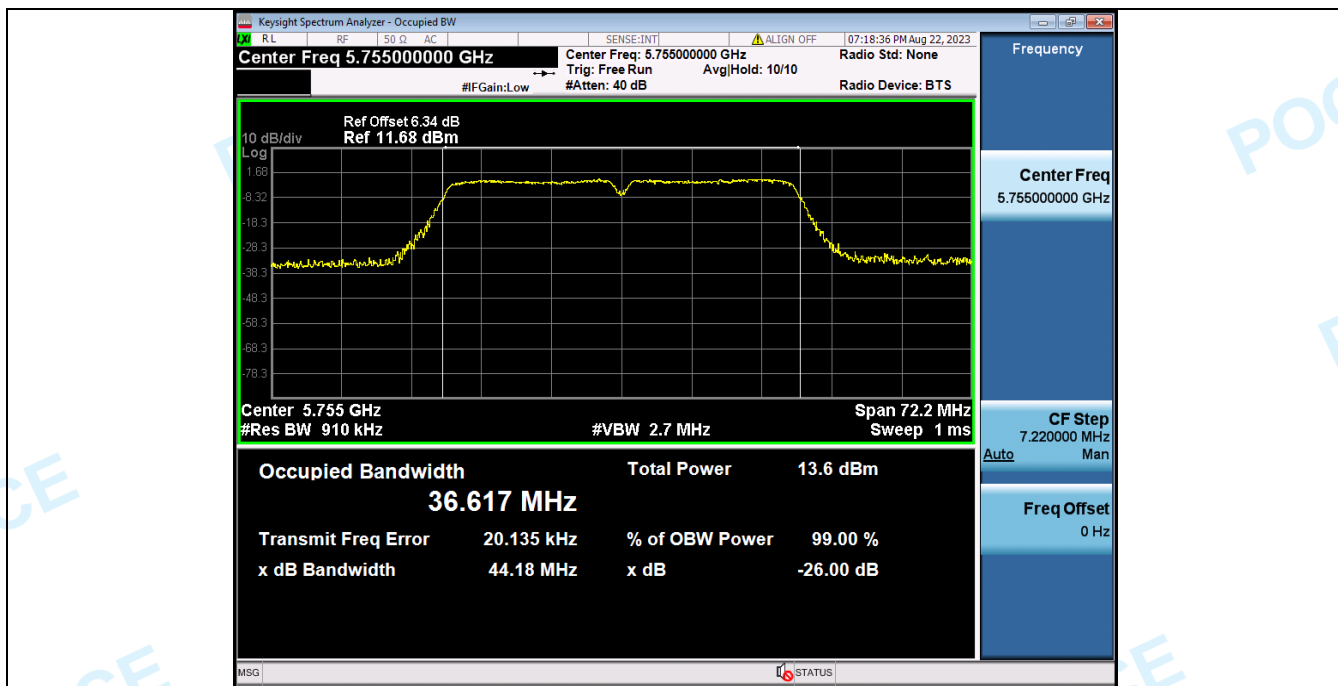


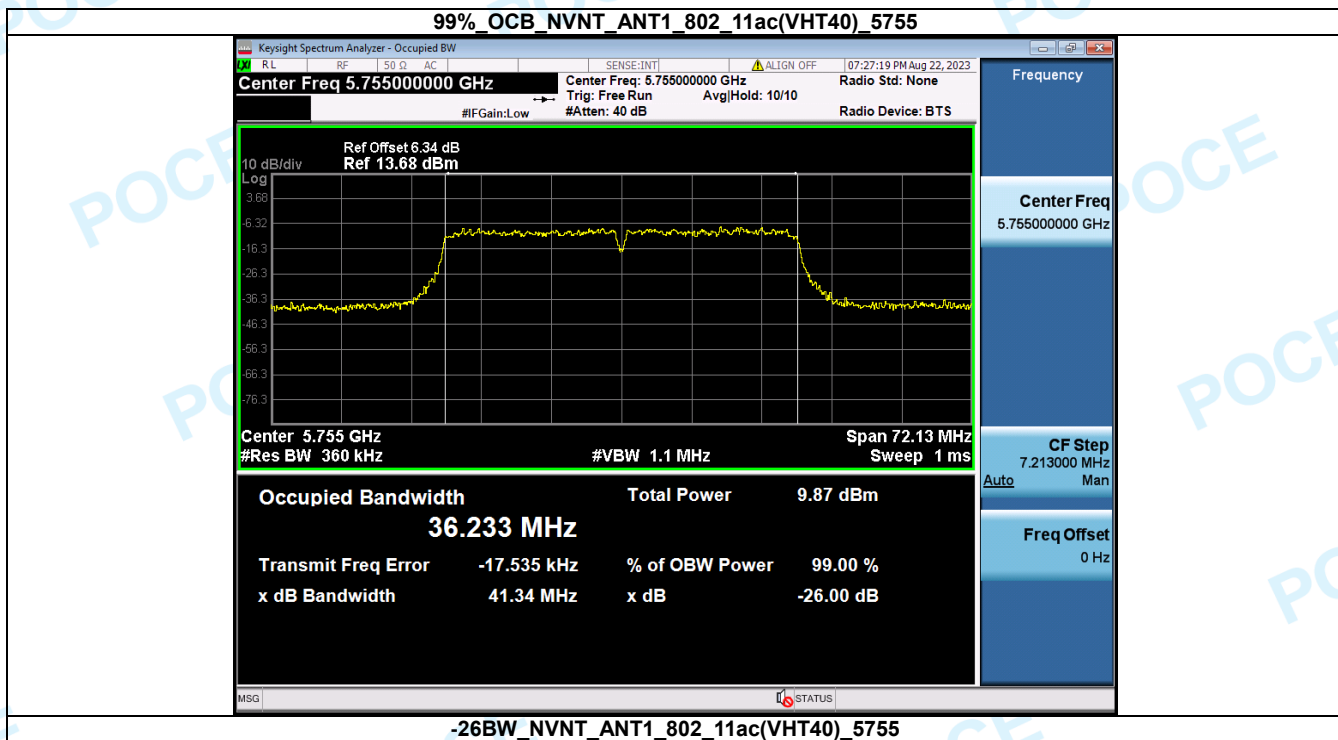
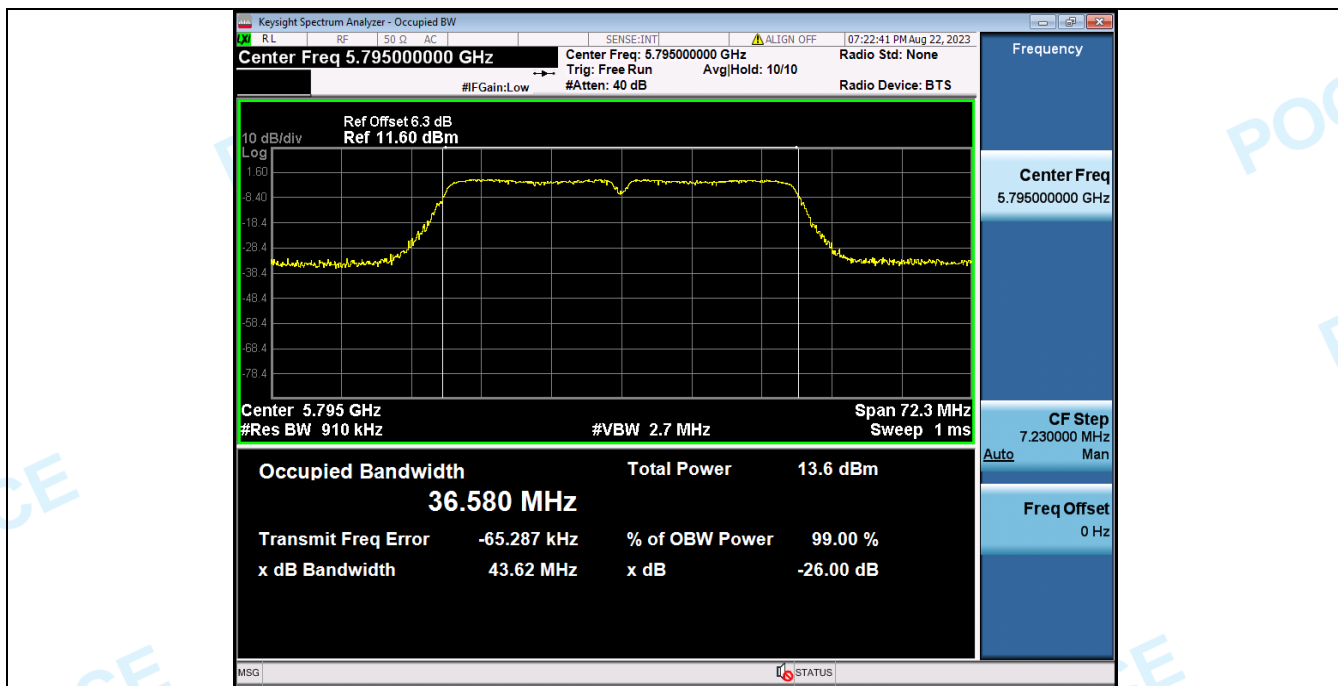
-26BW NVNT_ANT1_802_11ac(VHT20)_5785



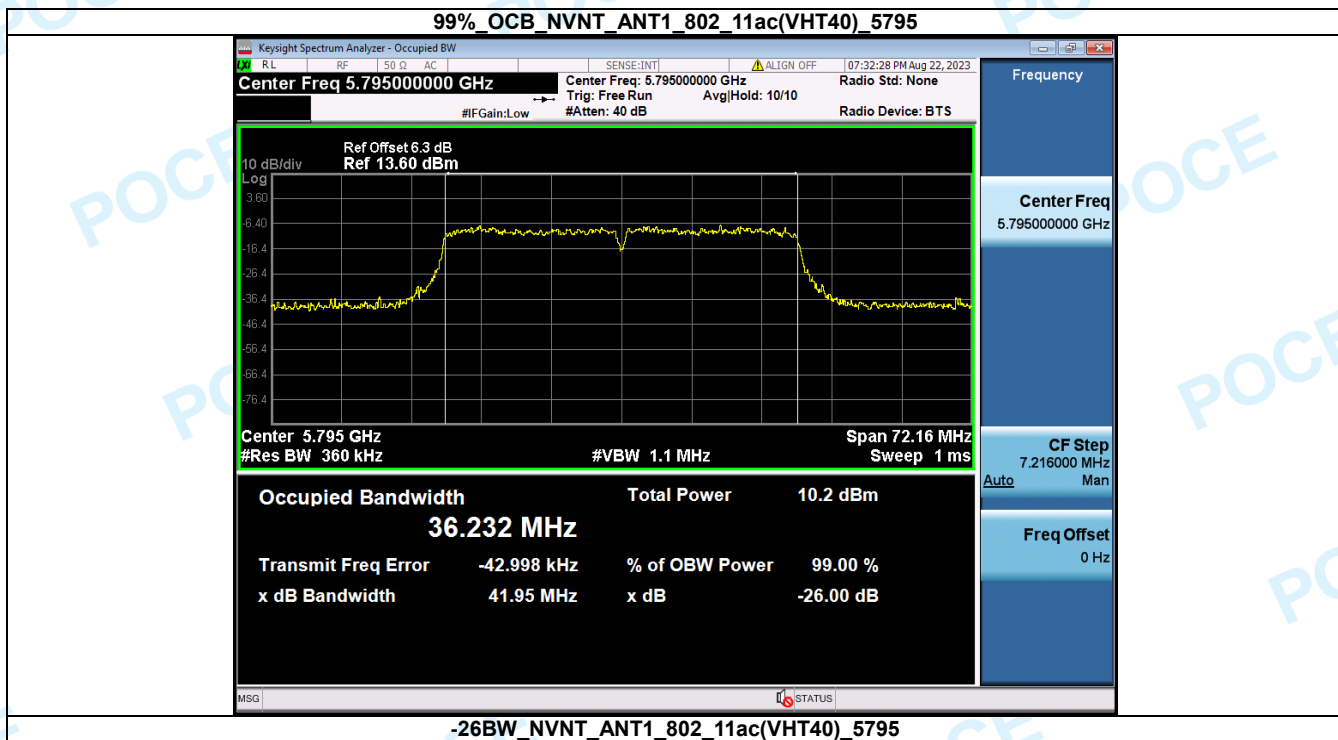
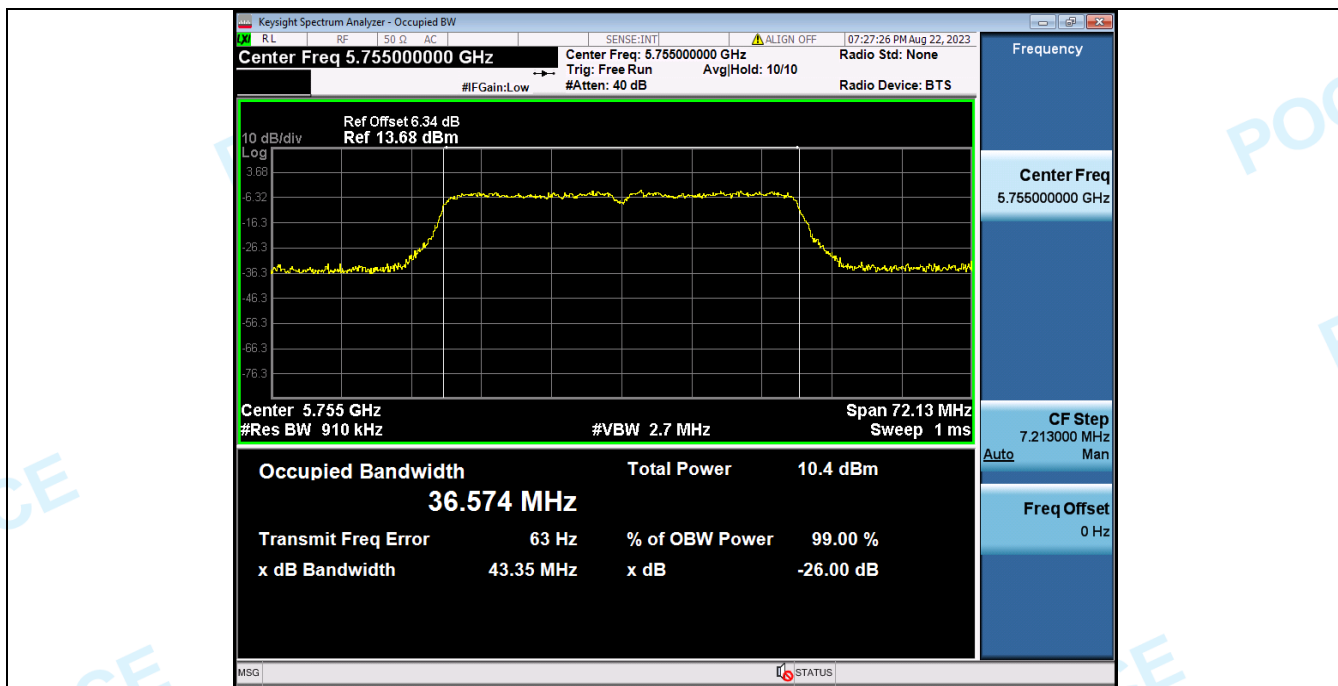


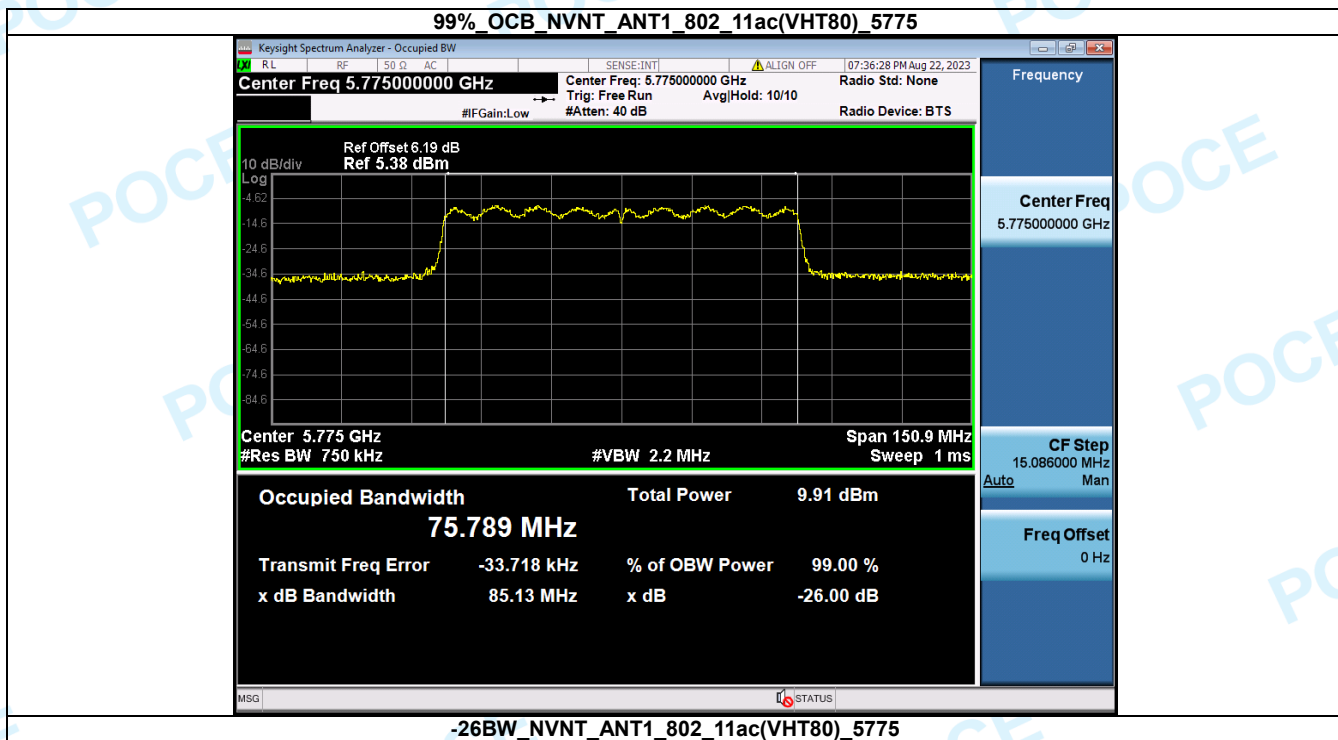
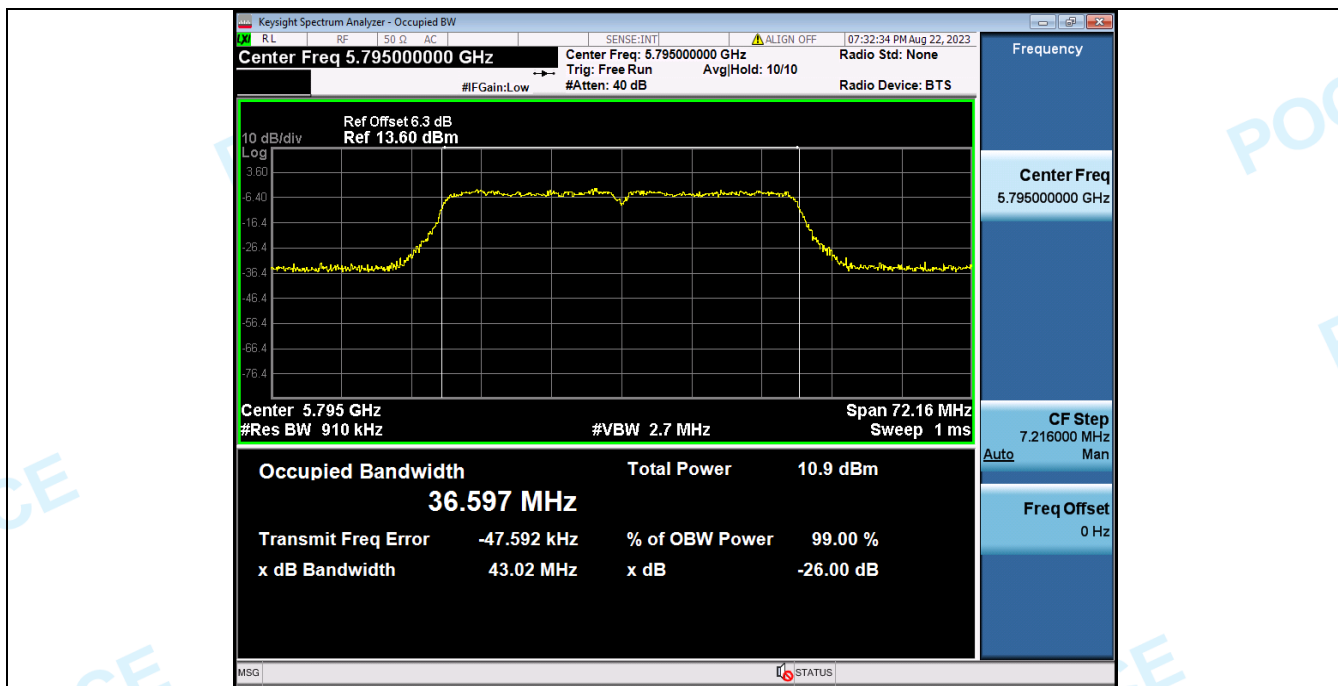
-26BW_NVNT_ANT1_802_11n(HT40)_5755

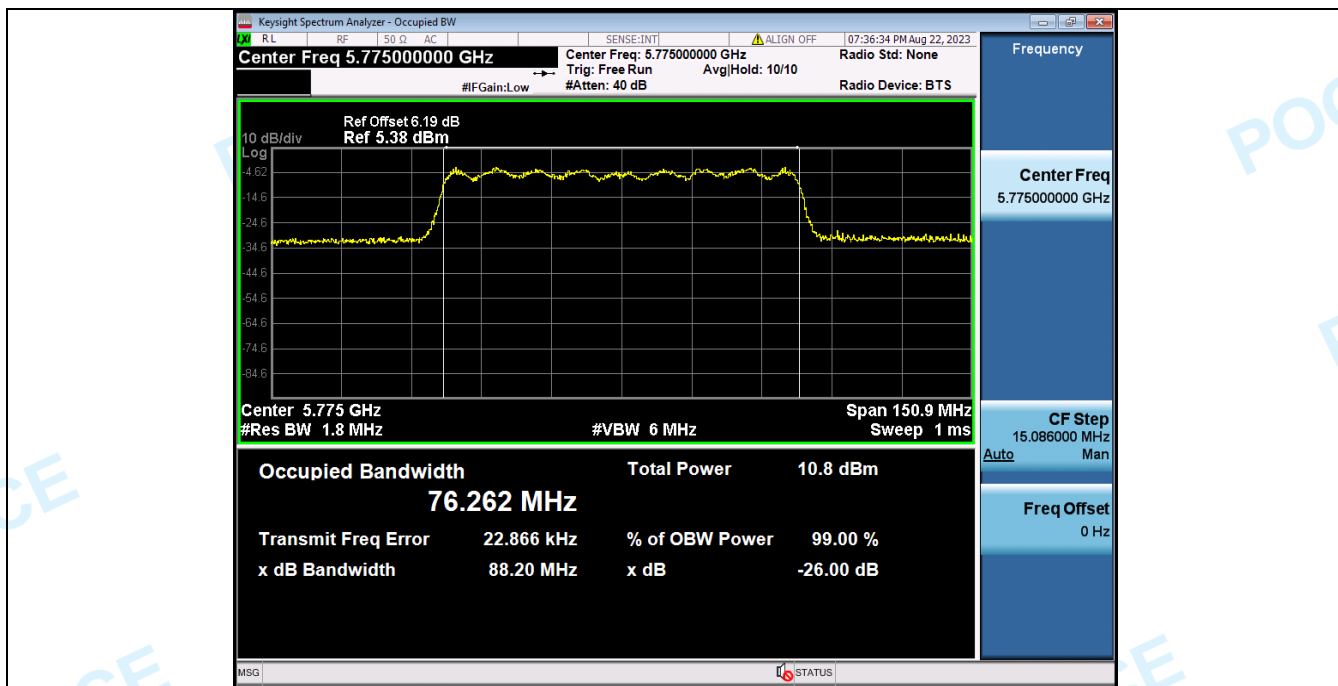




-26BW NVNT_ANT1_802_11ac(VHT40)_5755

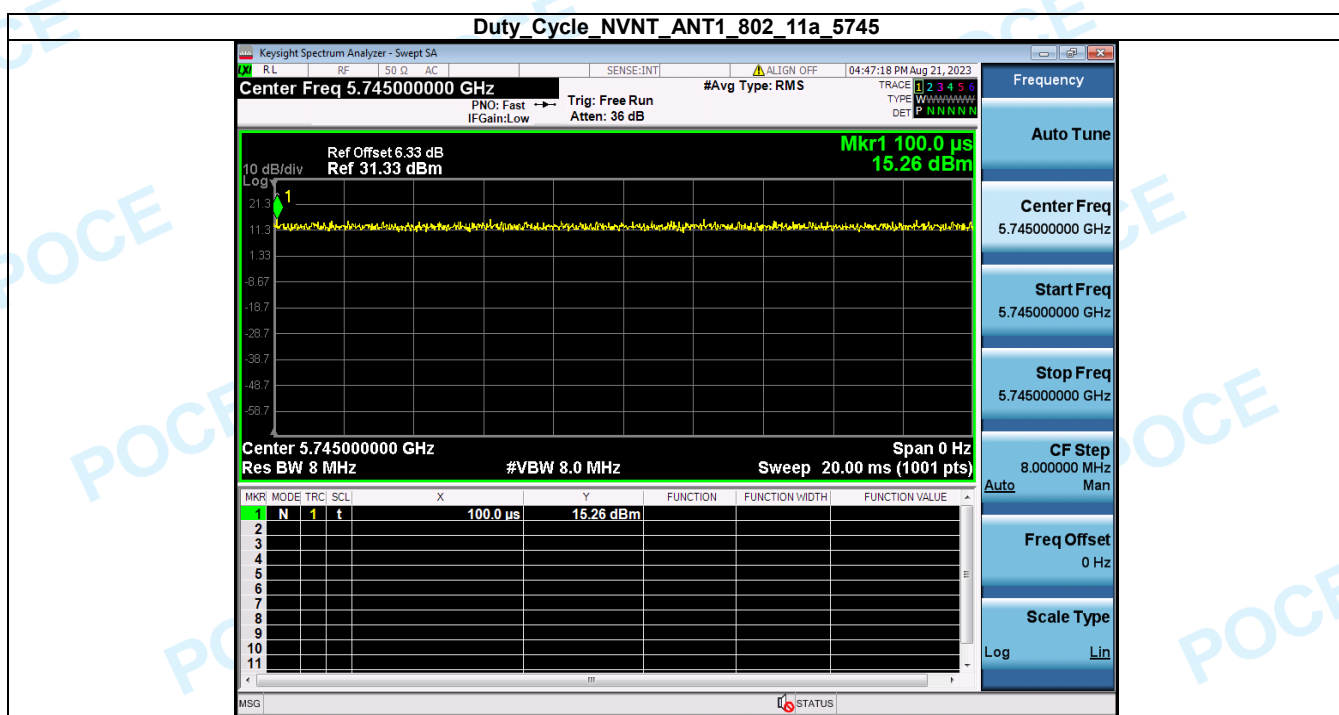




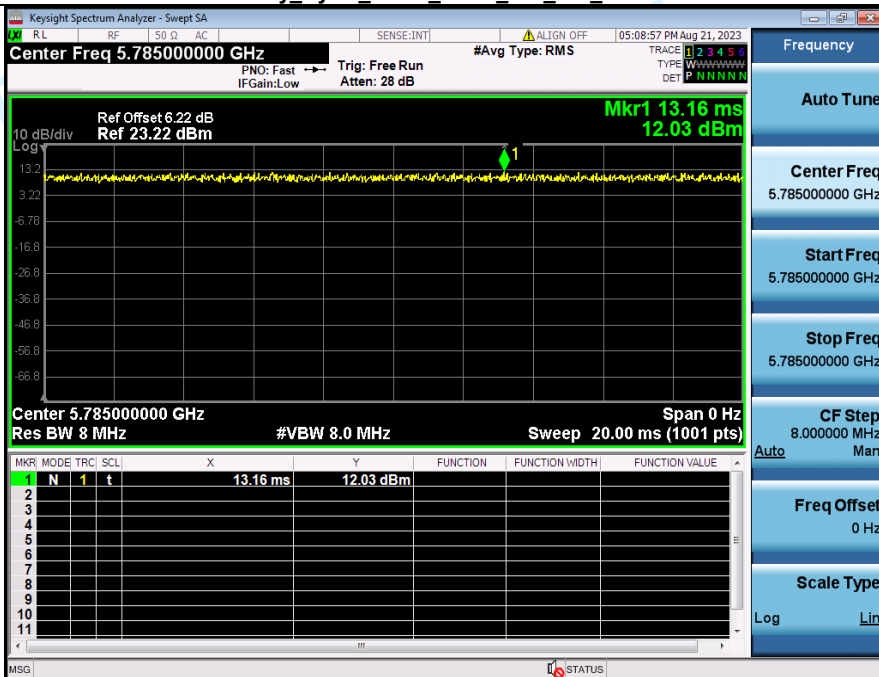


3. Duty Cycle

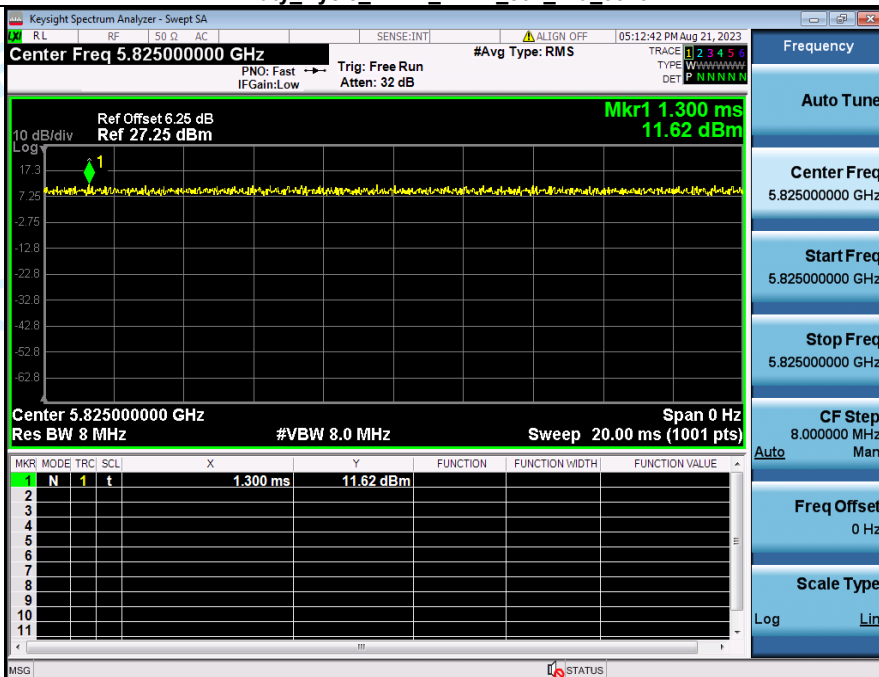
Condition	Antenna	Modulation	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	100	0.00
NVNT	ANT1	802.11a	5785.00	100	0.00
NVNT	ANT1	802.11a	5825.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5745.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5785.00	100	0.00
NVNT	ANT1	802.11n(HT20)	5825.00	100	0.00
NVNT	ANT1	802.11ac(VHT20)	5745.00	100	0.00
NVNT	ANT1	802.11ac(VHT20)	5785.00	100	0.00
NVNT	ANT1	802.11ac(VHT20)	5825.00	100	0.00
NVNT	ANT1	802.11n(HT40)	5755.00	100	0.00
NVNT	ANT1	802.11n(HT40)	5795.00	100	0.00
NVNT	ANT1	802.11ac(VHT40)	5755.00	100	0.00
NVNT	ANT1	802.11ac(VHT40)	5795.00	100	0.00
NVNT	ANT1	802.11ac(VHT80)	5775.00	100	0.00



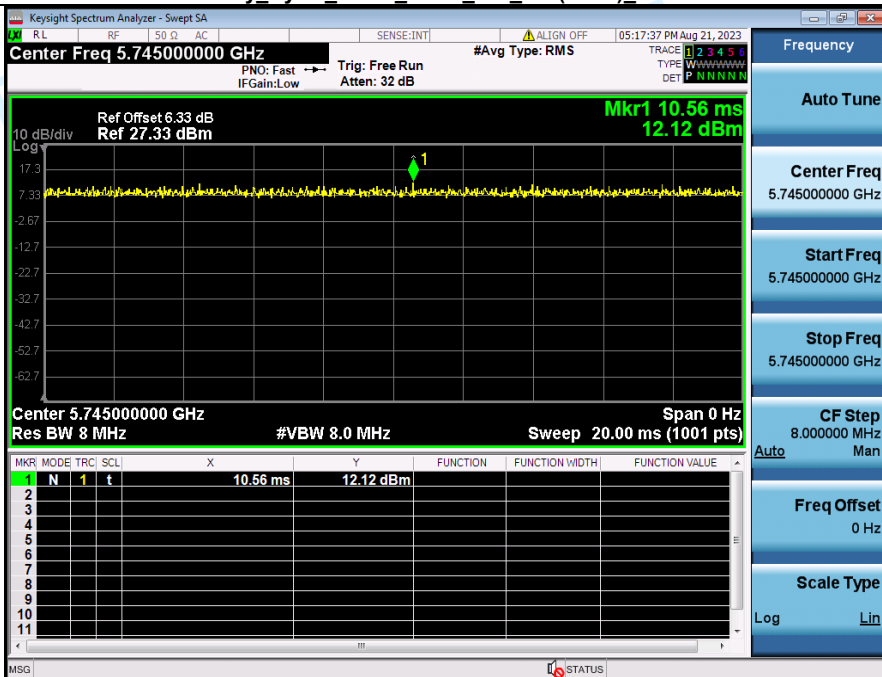
Duty Cycle NVNT_ANT1_802_11a_5785



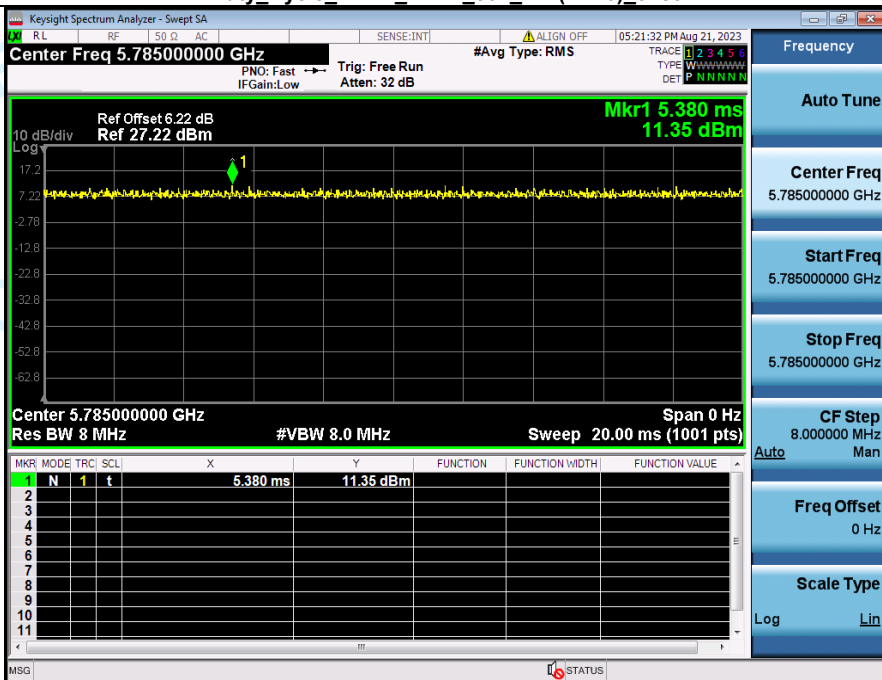
Duty Cycle NVNT_ANT1_802_11a_5825



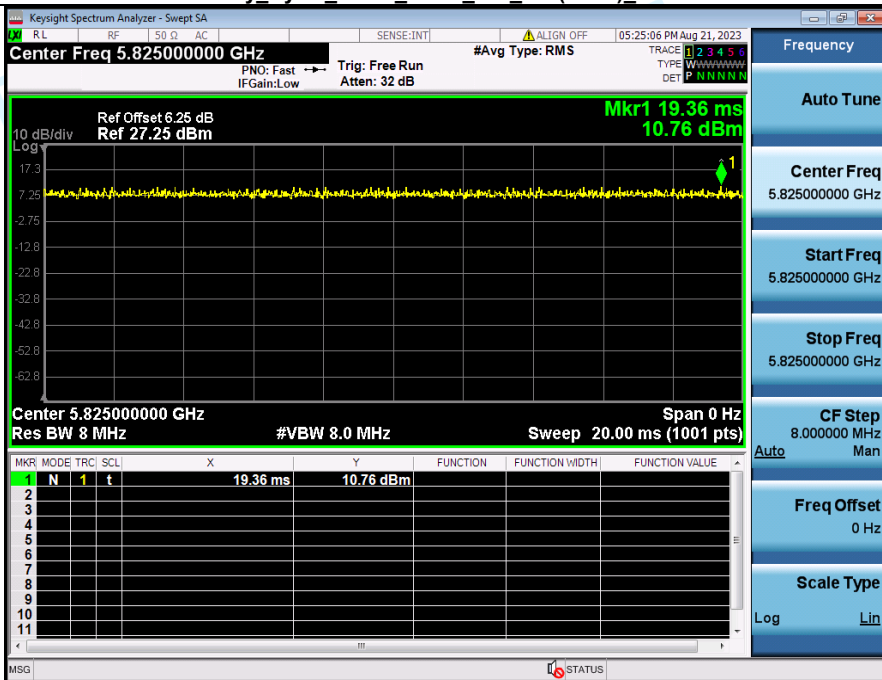
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5745



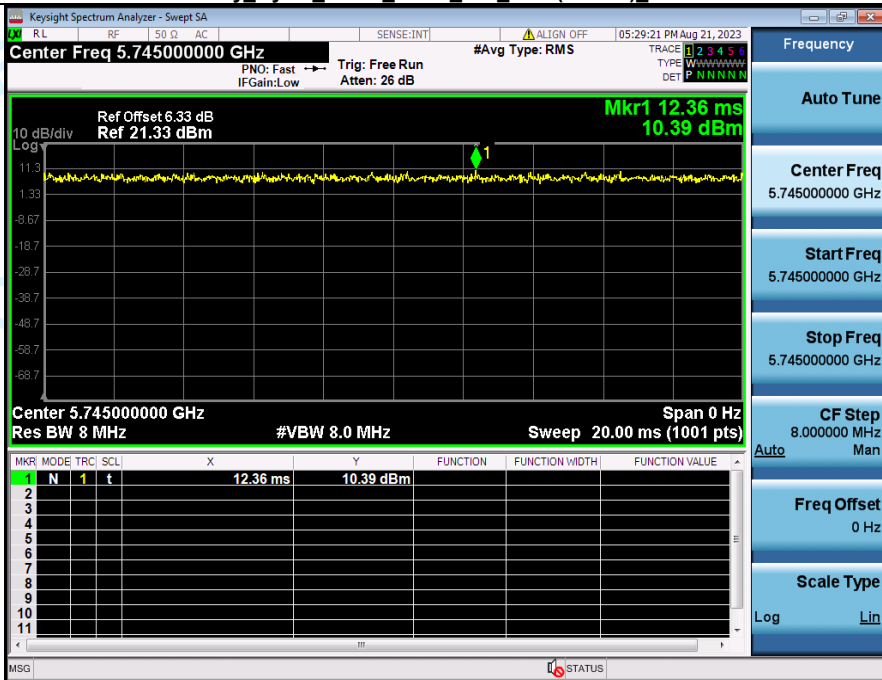
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5785



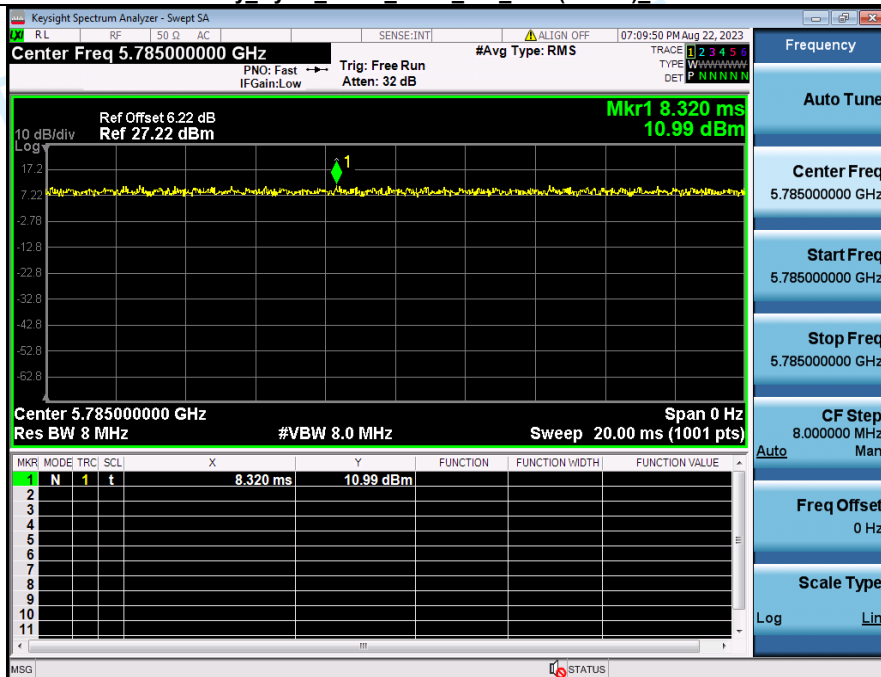
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5825



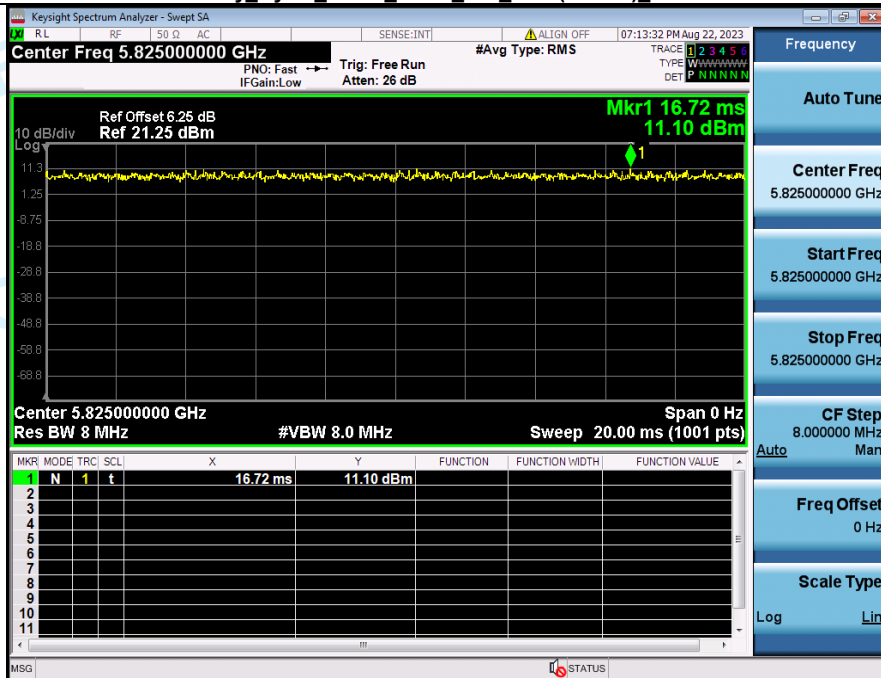
Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5745



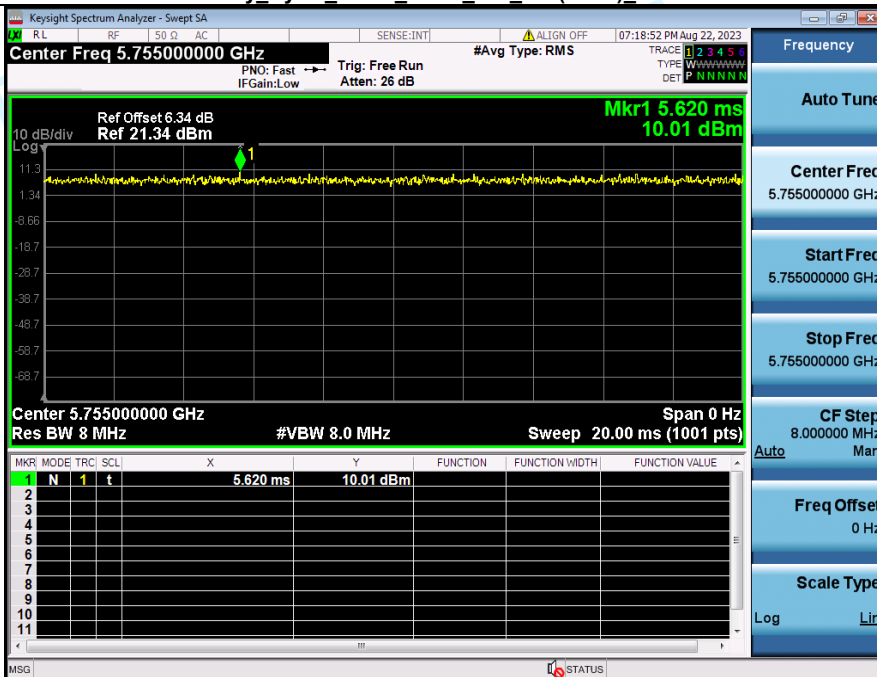
Duty Cycle_NVNT_ANT1_802_11ac(VHT20)_5785



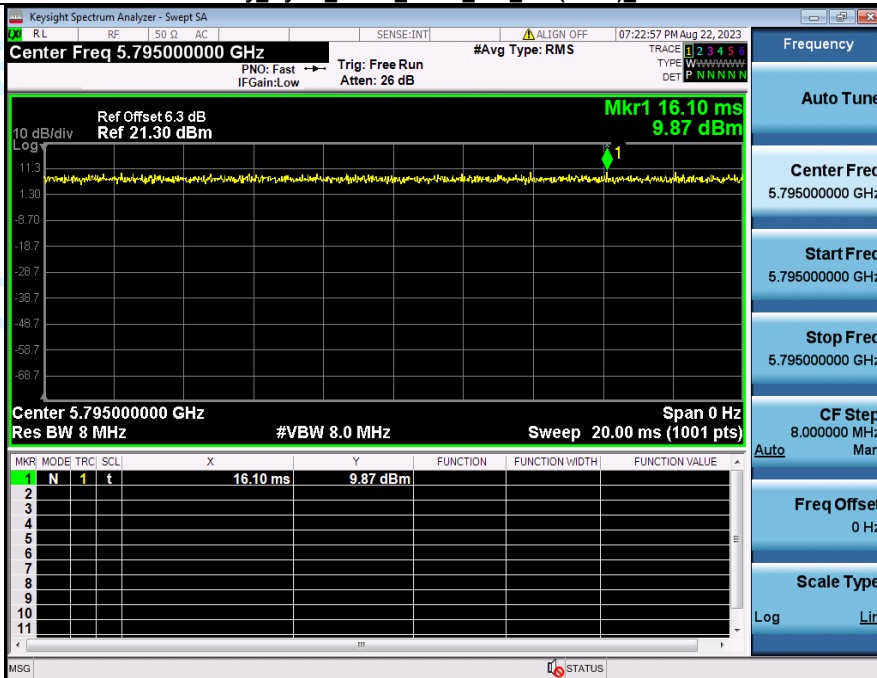
Duty Cycle_NVNT_ANT1_802_11ac(VHT20)_5825



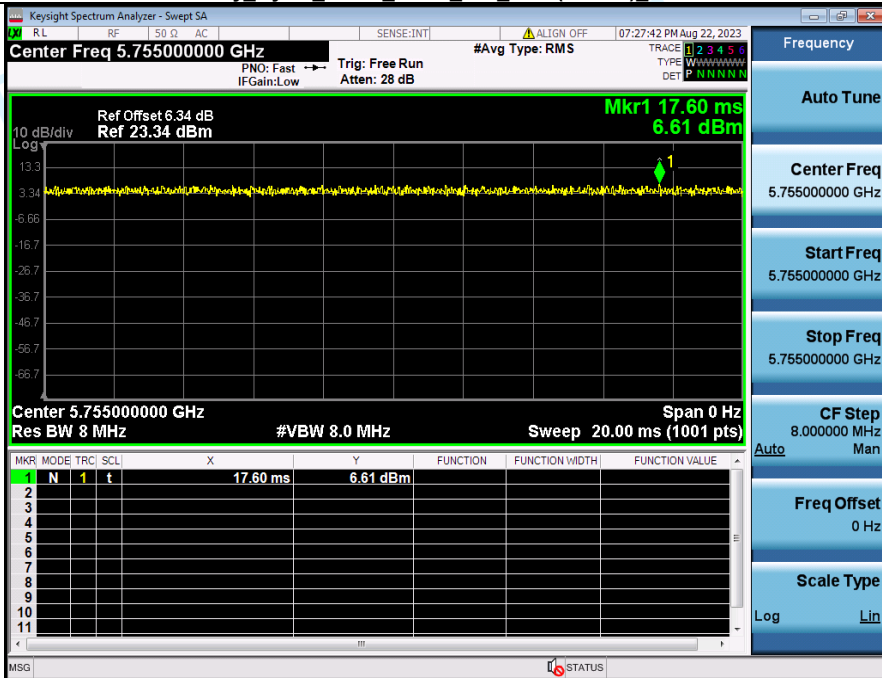
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5755



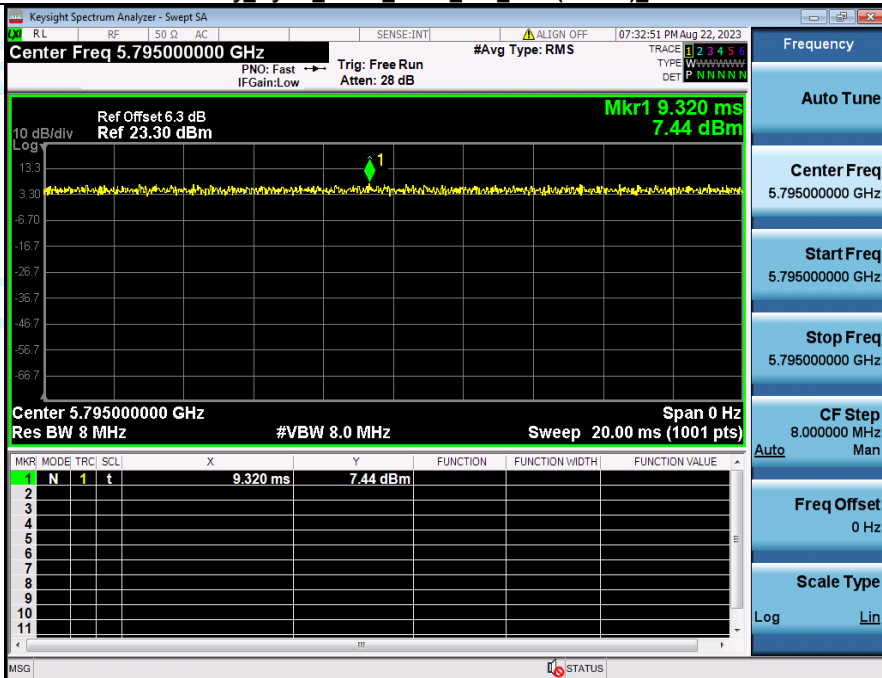
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5795

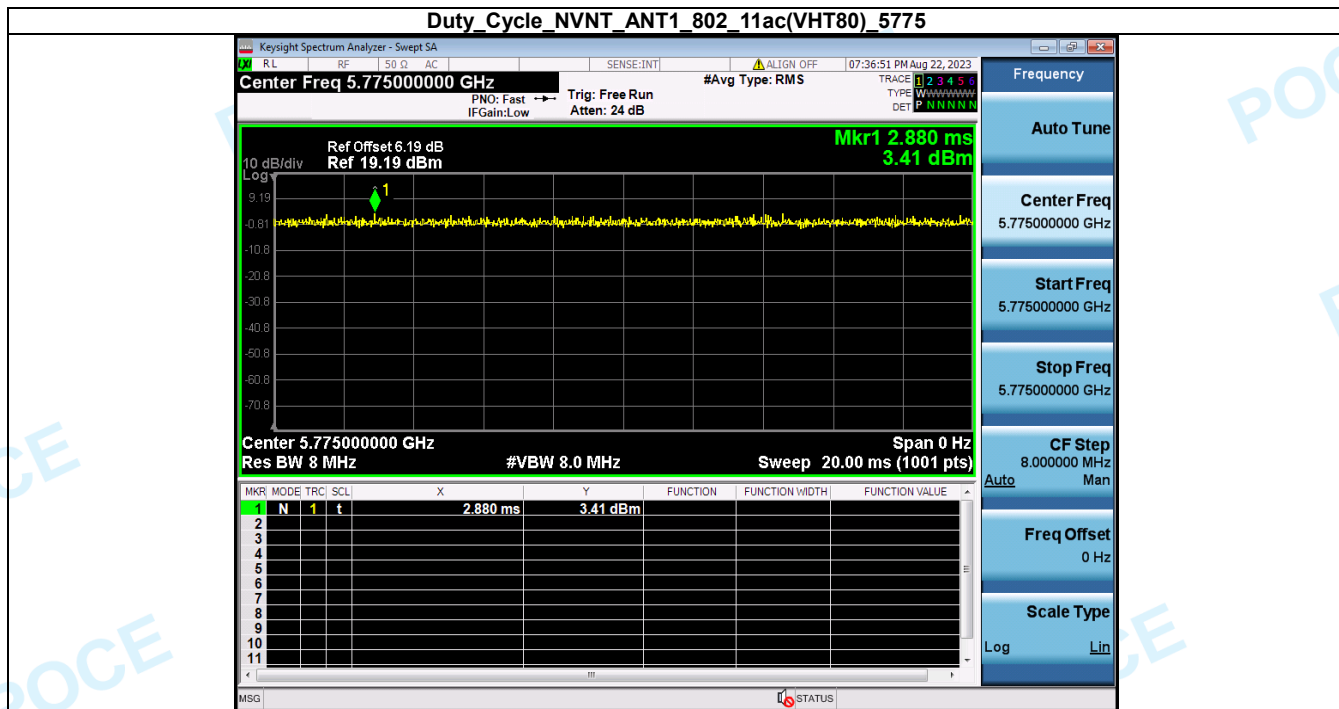


Duty Cycle_NVNT_ANT1_802_11ac(VHT40)_5755



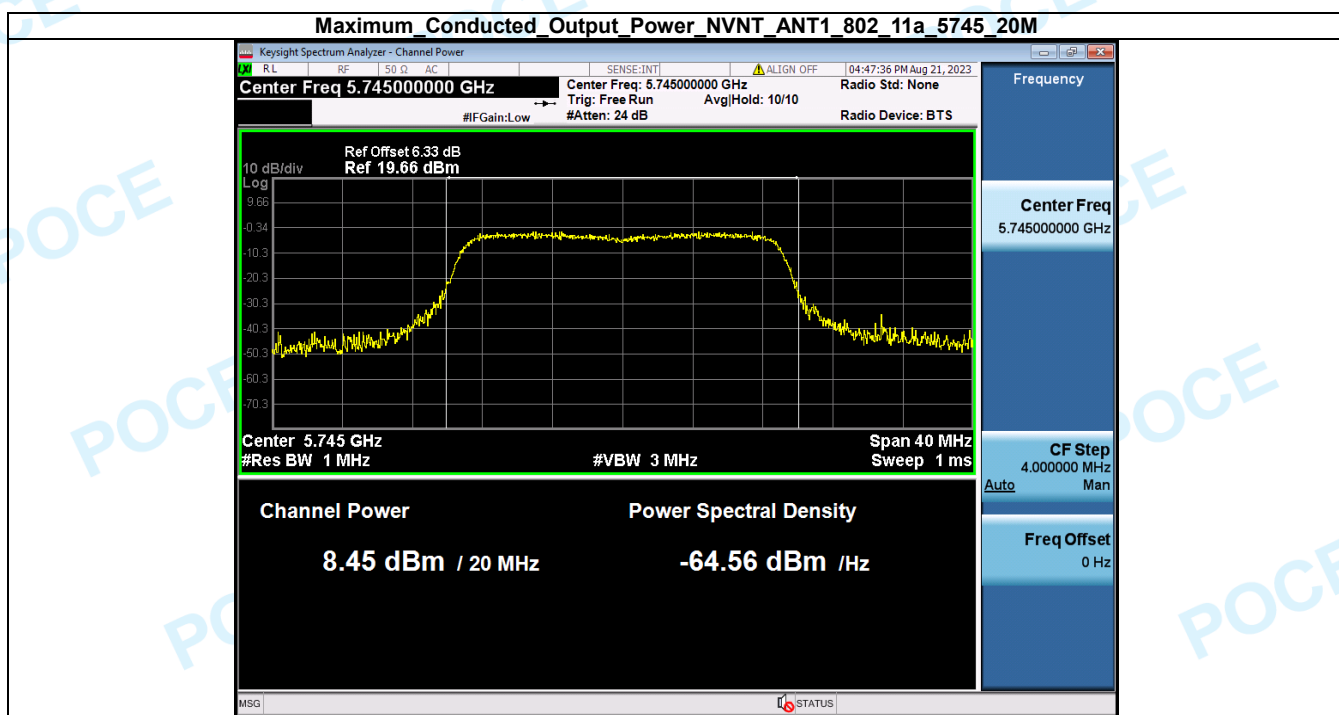
Duty Cycle_NVNT_ANT1_802_11ac(VHT40)_5795



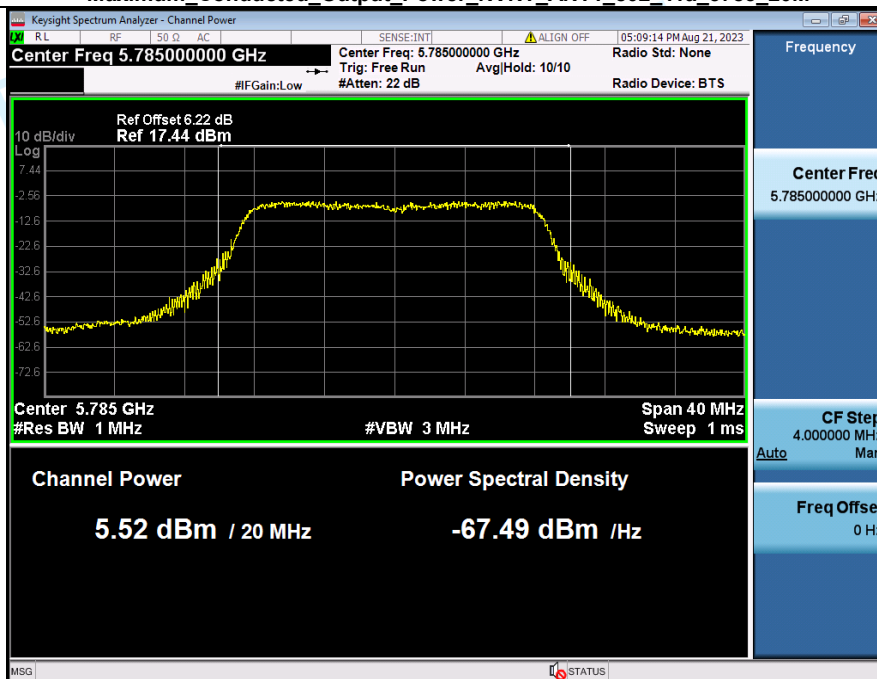


4. Maximum Conducted Output Power

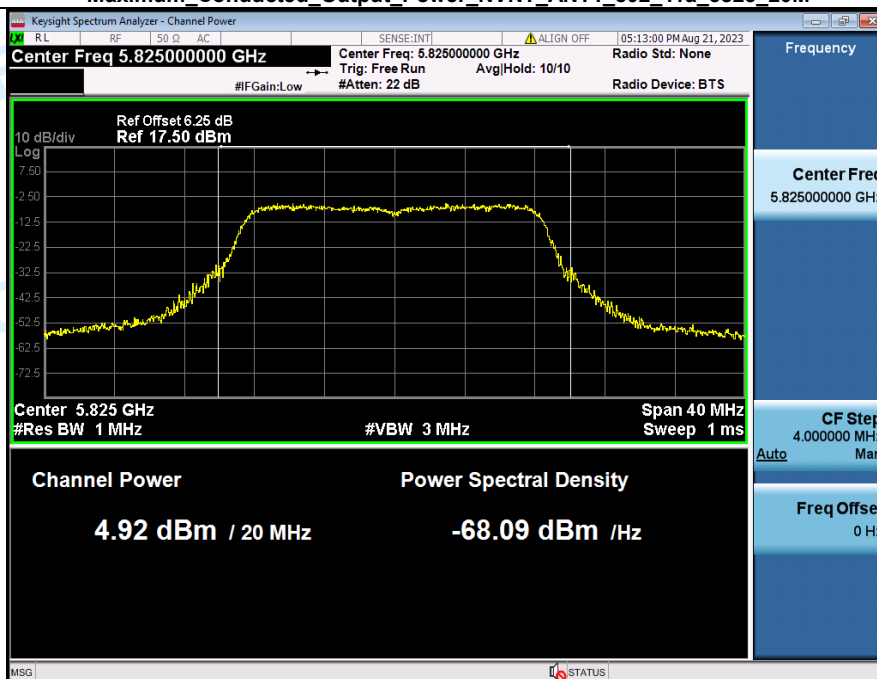
Condition	Antenna	Modulation	Frequency (MHz)	Conducted AVG Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	8.45	0.00	8.45	30	Pass
NVNT	ANT1	802.11a	5785.00	5.52	0.00	5.52	30	Pass
NVNT	ANT1	802.11a	5825.00	4.92	0.00	4.92	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	4.31	0.00	4.31	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	4.15	0.00	4.15	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	3.79	0.00	3.79	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	3.25	0.00	3.25	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	4.56	0.00	4.56	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	4.30	0.00	4.30	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	6.17	0.00	6.17	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	6.24	0.00	6.24	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	2.70	0.00	2.70	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	3.25	0.00	3.25	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	2.36	0.00	2.36	30	Pass



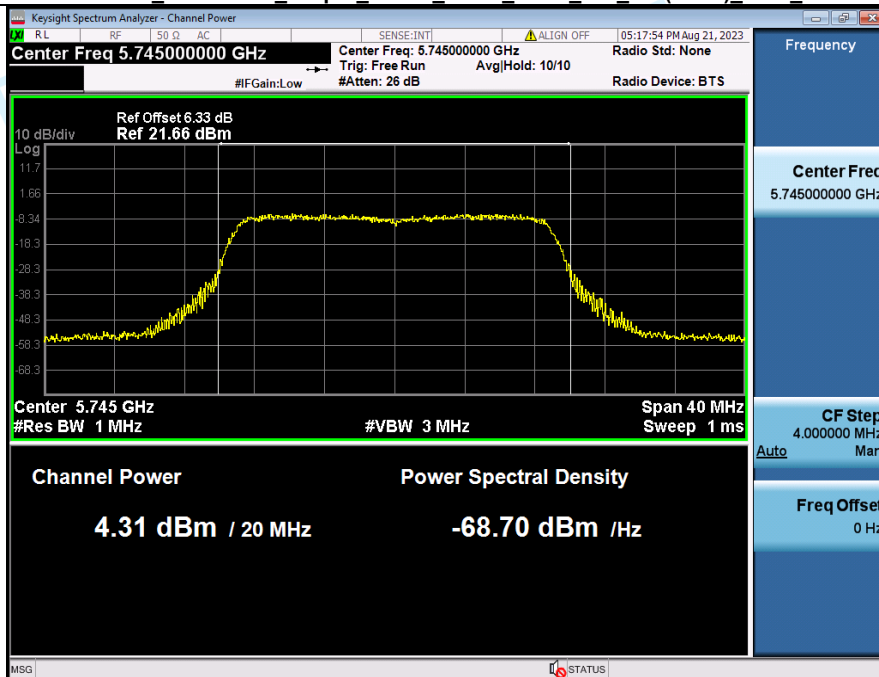
Maximum Conducted Output Power_NVNT_ANT1_802_11a_5785_20M



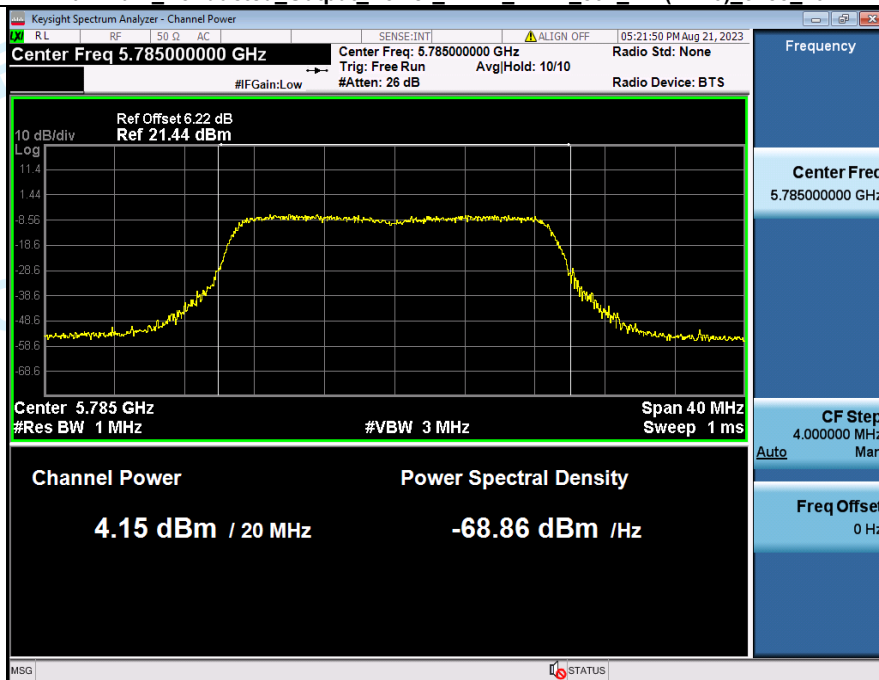
Maximum Conducted Output Power_NVNT_ANT1_802_11a_5825_20M



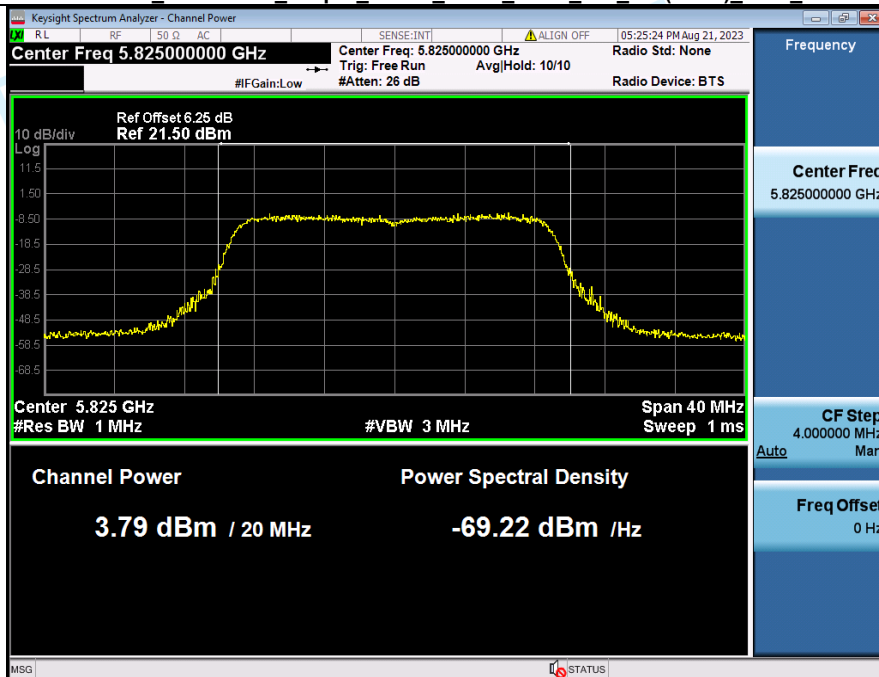
Maximum Conducted Output Power_NVNT_ANT1_802_11n(HT20)_5745_20M



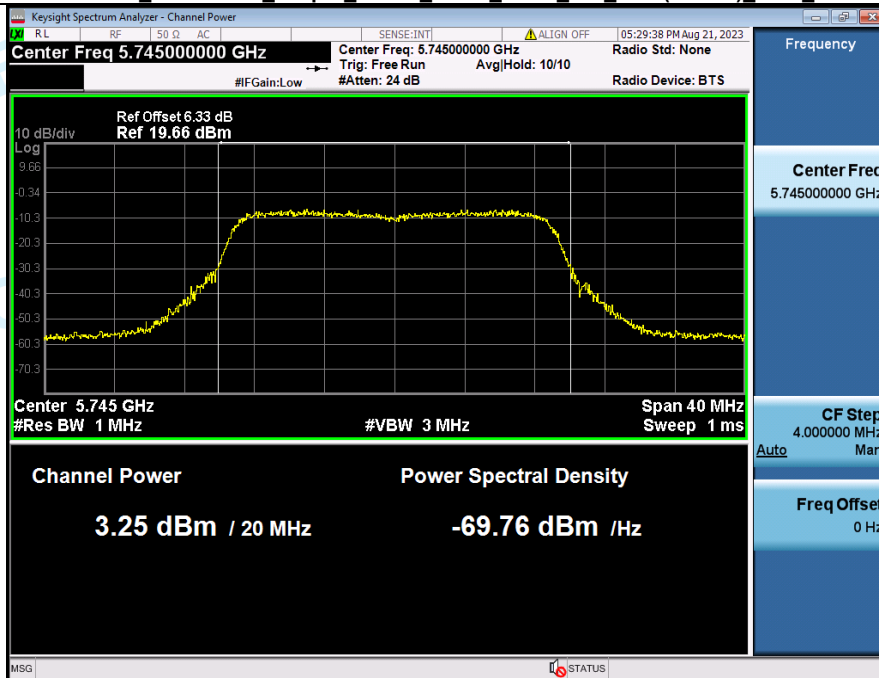
Maximum Conducted Output Power_NVNT_ANT1_802_11n(HT20)_5785_20M



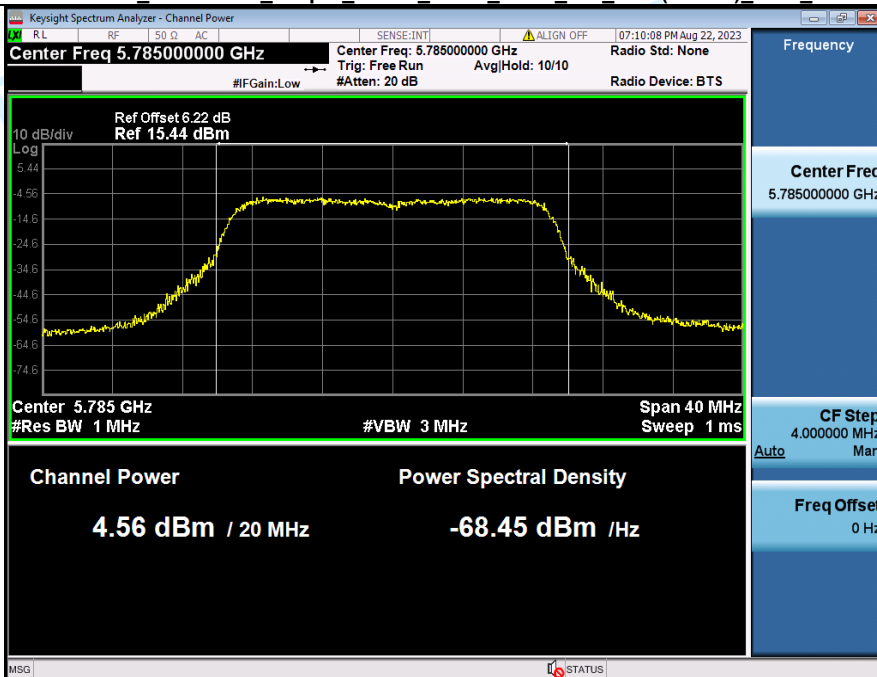
Maximum Conducted Output Power_NVNT_ANT1_802_11n(HT20)_5825_20M



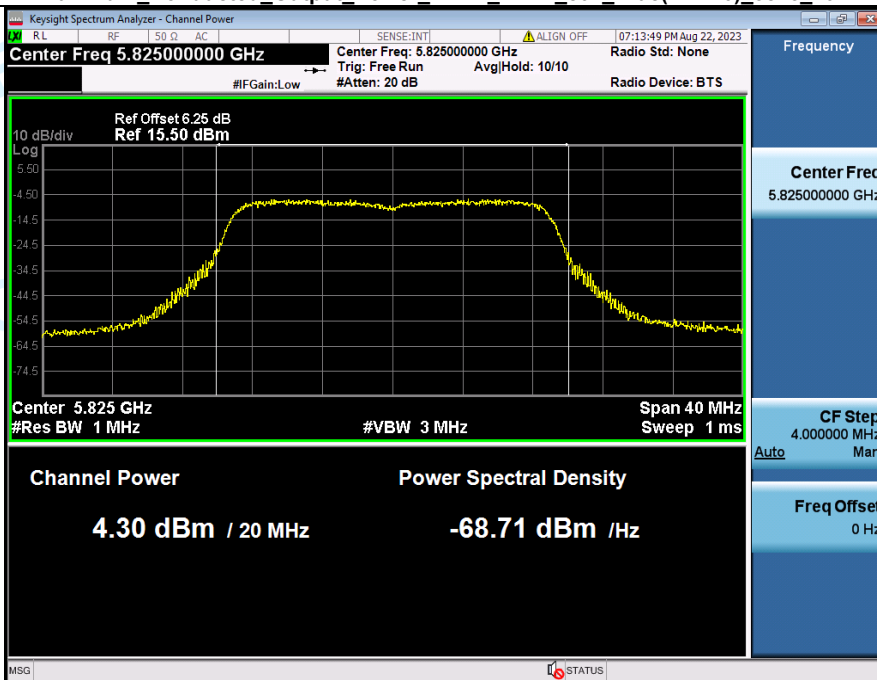
Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT20)_5745_20M



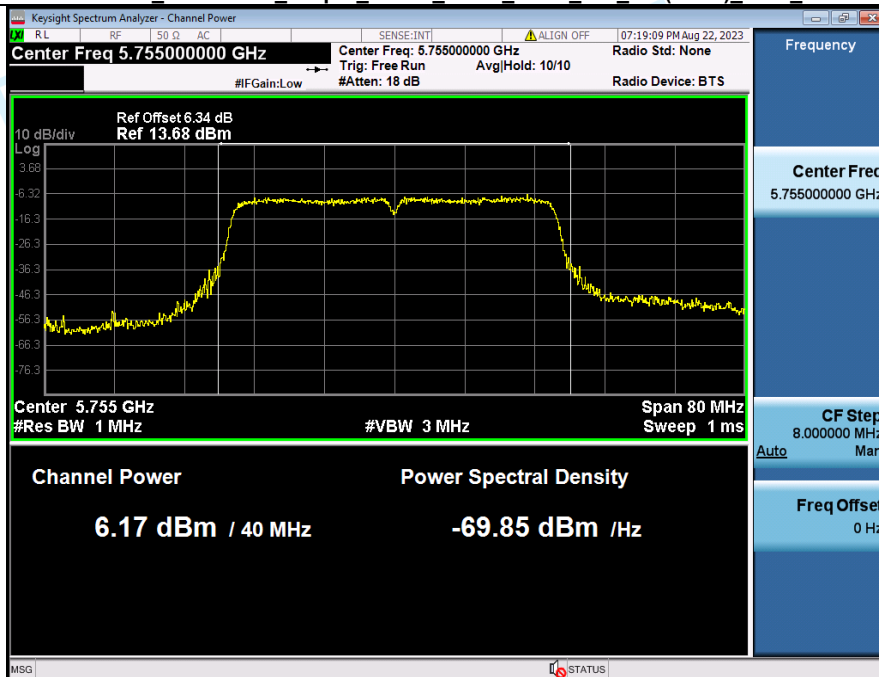
Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT20)_5785_20M



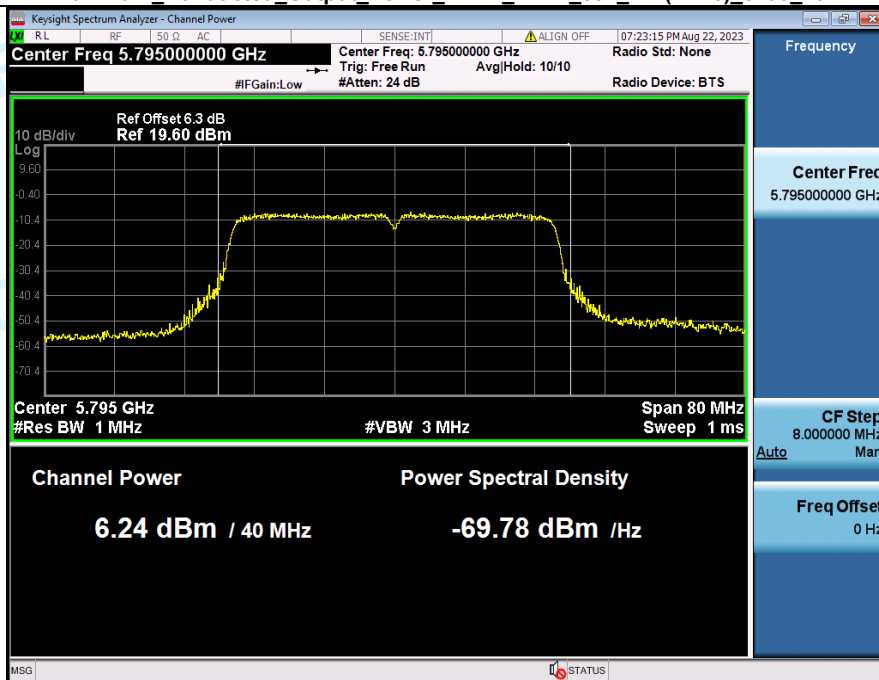
Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT20)_5825_20M



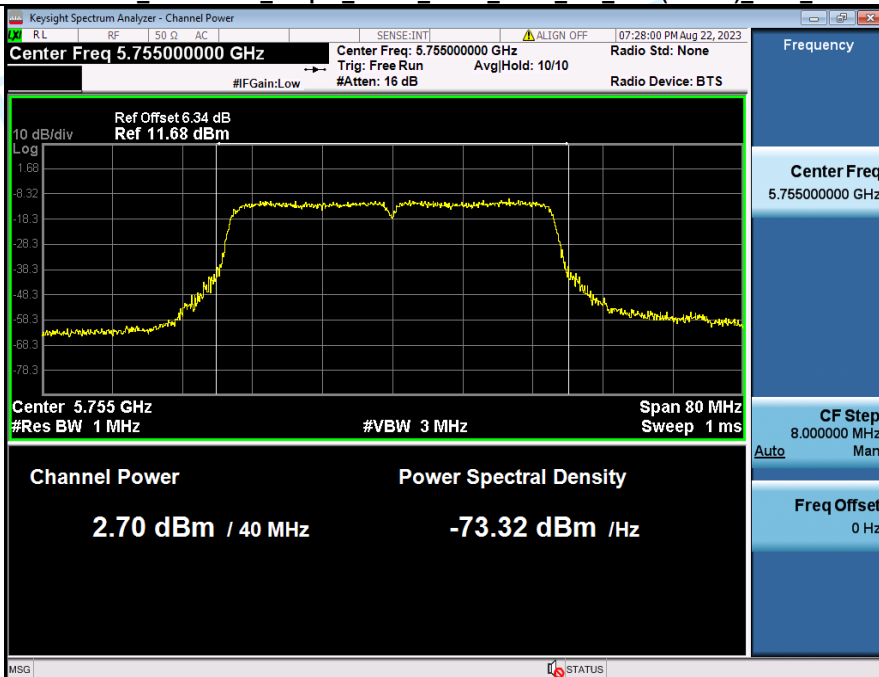
Maximum Conducted Output Power_NVNT_ANT1_802_11n(HT40)_5755_40M



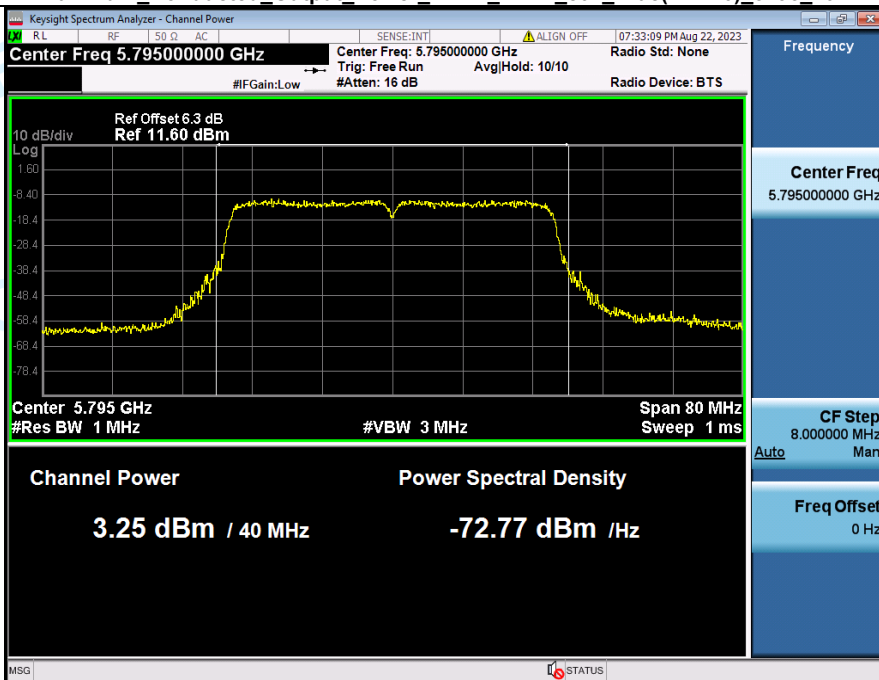
Maximum Conducted Output Power_NVNT_ANT1_802_11n(HT40)_5795_40M

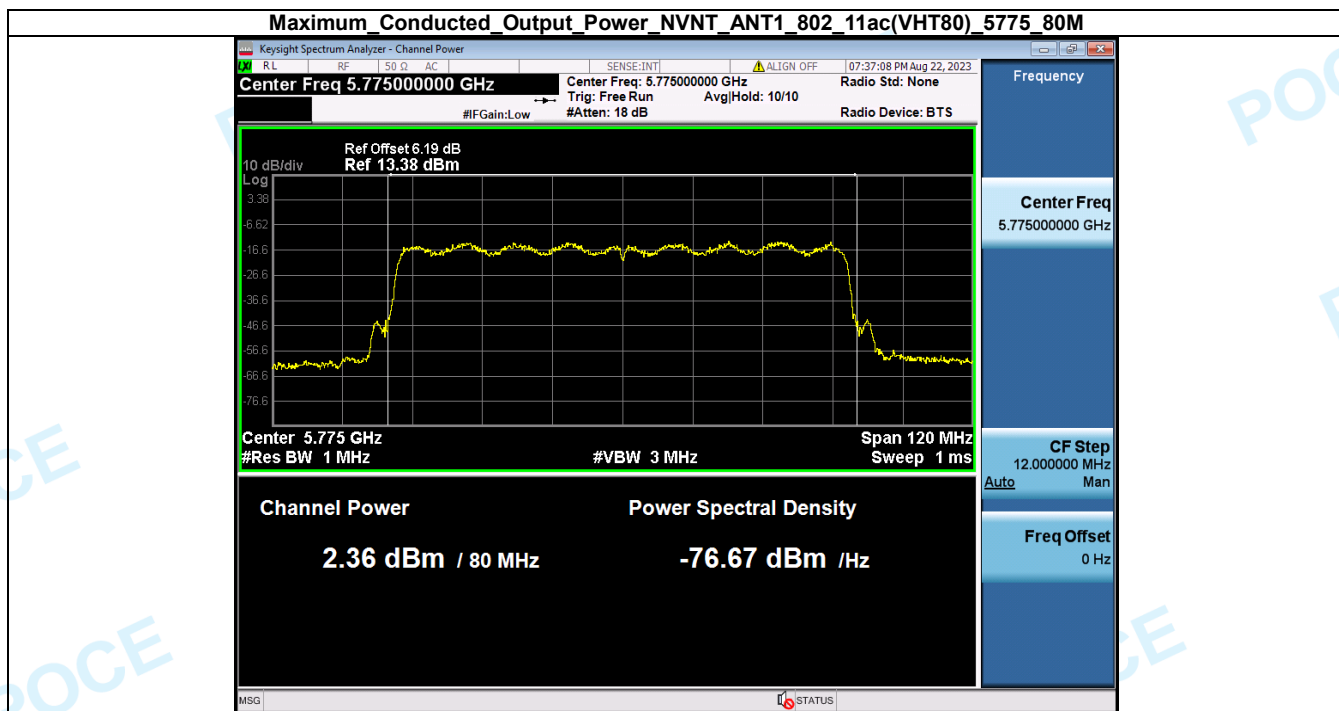


Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT40)_5755_40M



Maximum Conducted Output Power_NVNT_ANT1_802_11ac(VHT40)_5795_40M

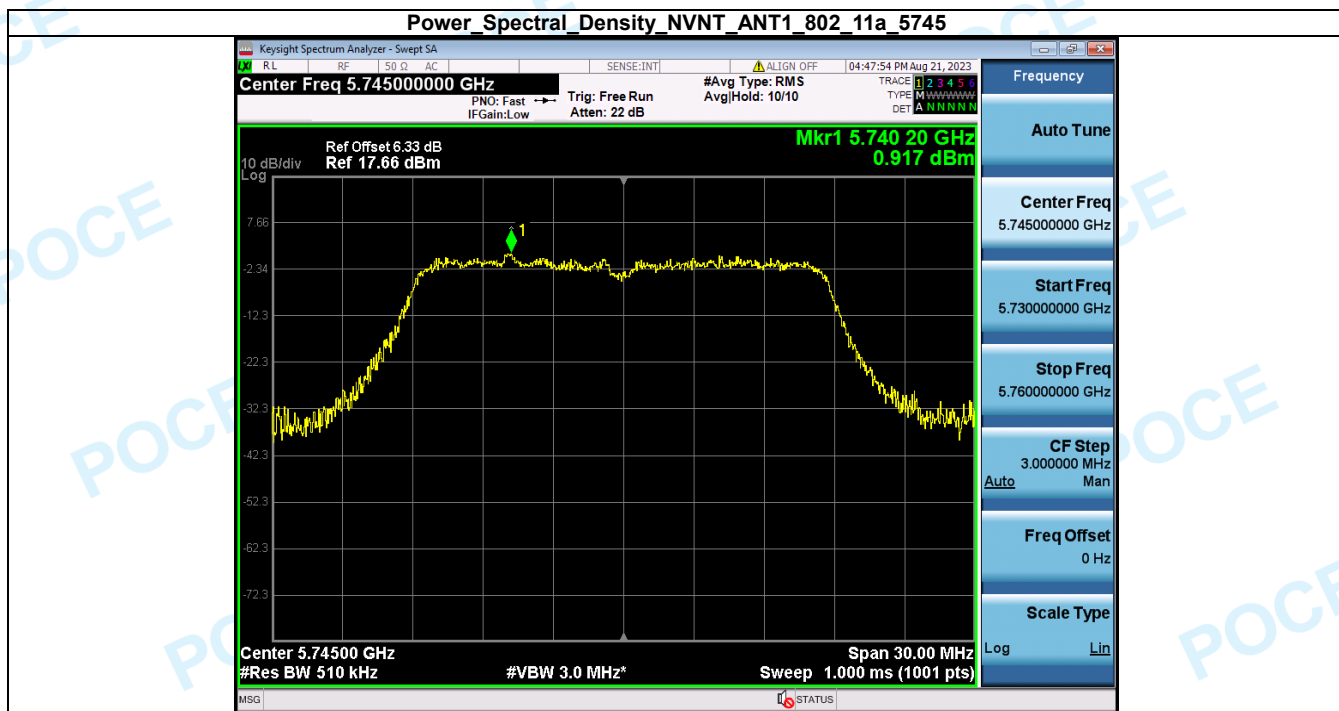




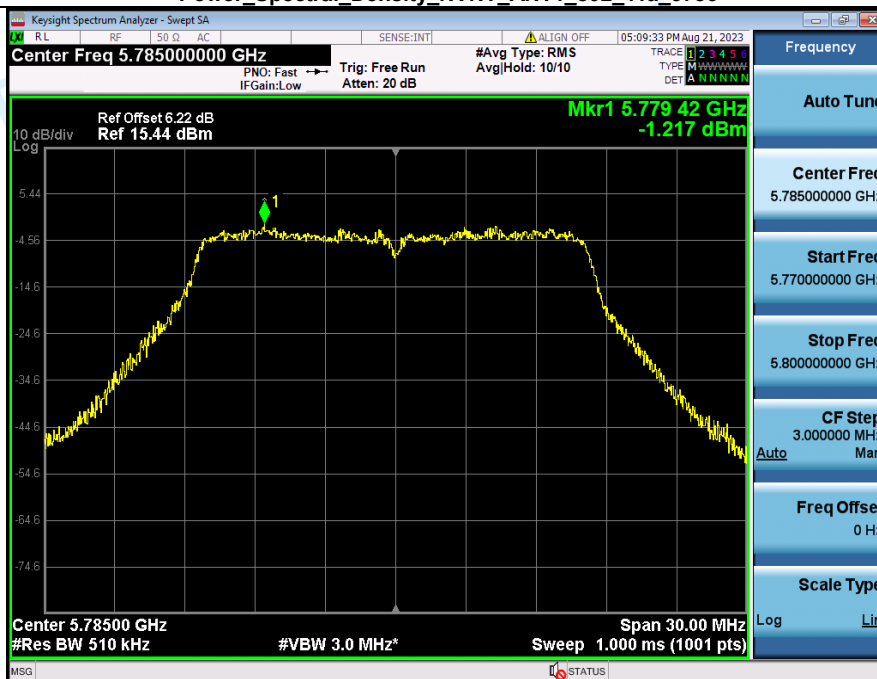
5. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA(dBm)	PSD(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	0.917	0.831	30	Pass
NVNT	ANT1	802.11a	5785.00	-1.217	-1.303	30	Pass
NVNT	ANT1	802.11a	5825.00	-2.042	-2.128	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-2.398	-2.484	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-2.683	-2.769	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-3.162	-3.248	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-4.131	-4.217	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-2.570	-2.656	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-2.753	-2.839	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-4.551	-4.637	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-4.766	-4.852	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-6.927	-7.013	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-6.999	-7.085	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-10.191	-10.277	30	Pass

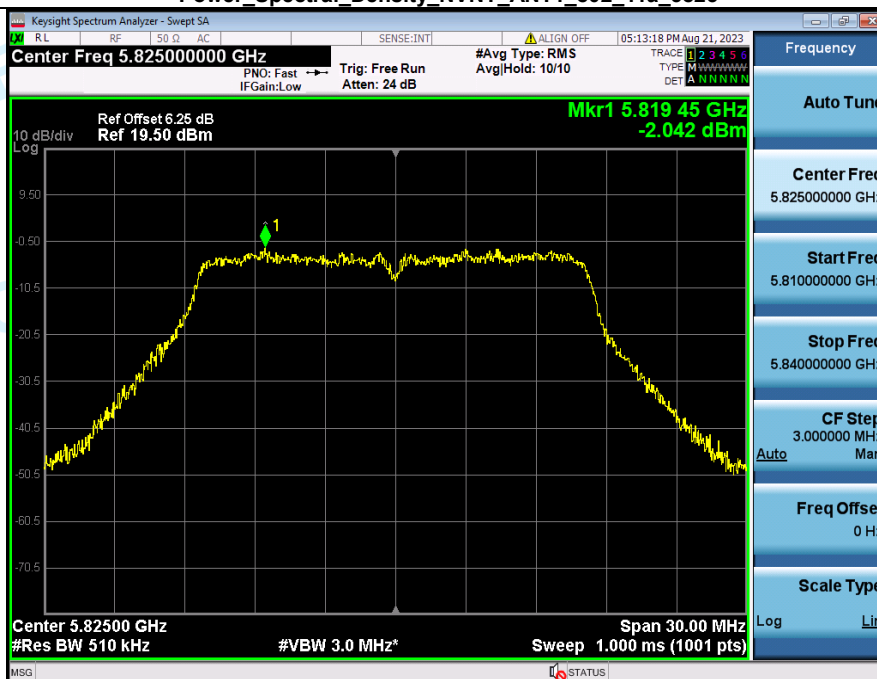
Power_Spectral_Density_NVNT_ANT1_802_11a_5745



Power Spectral Density NVNT_ANT1_802_11a_5785



Power Spectral Density NVNT_ANT1_802_11a_5825



Power Spectral Density NVNT_ANT1_802_11n(HT20)_5745



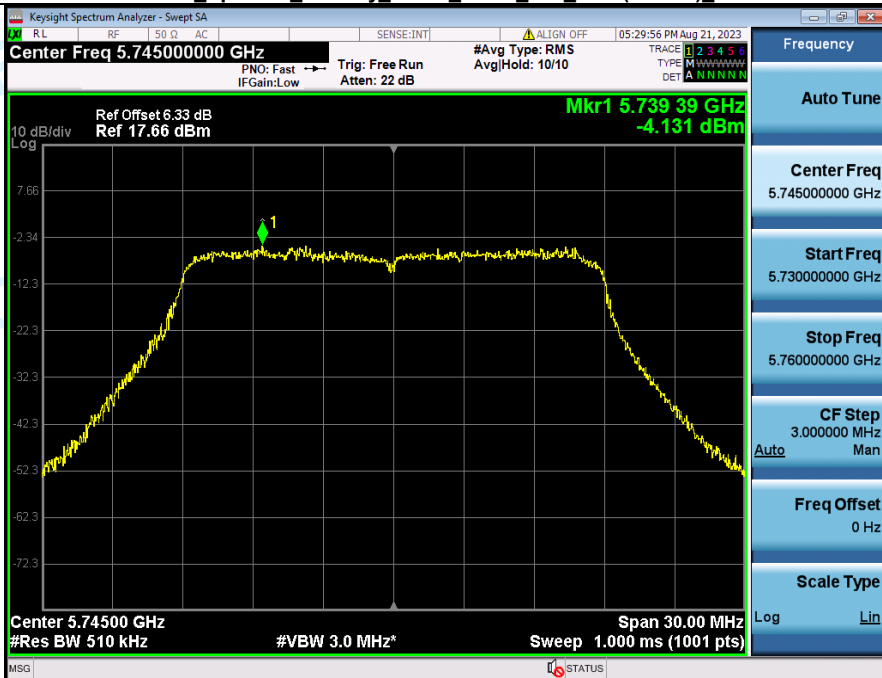
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5785



Power Spectral Density NVNT_ANT1_802_11n(HT20)_5825



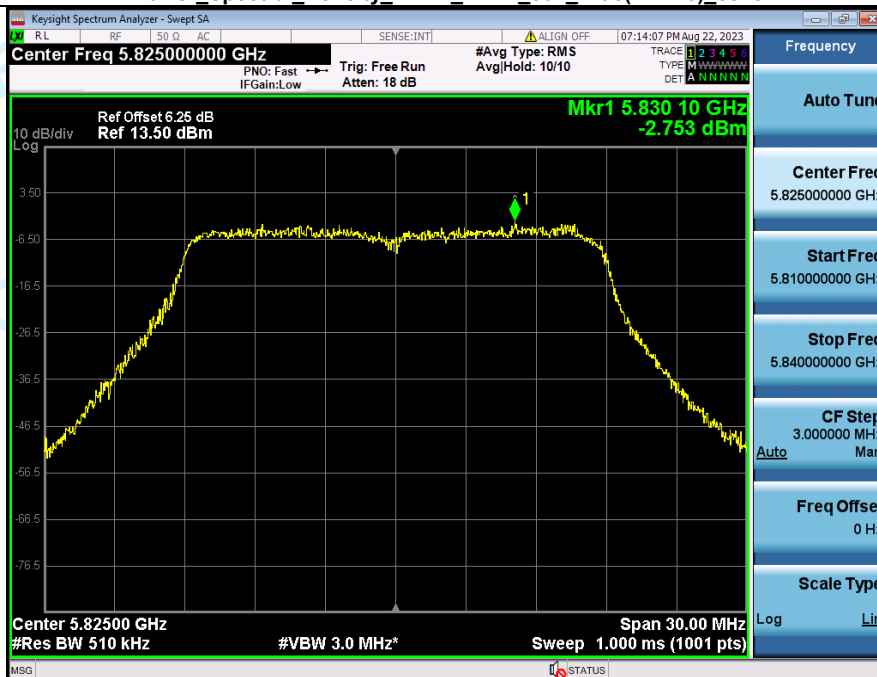
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5745



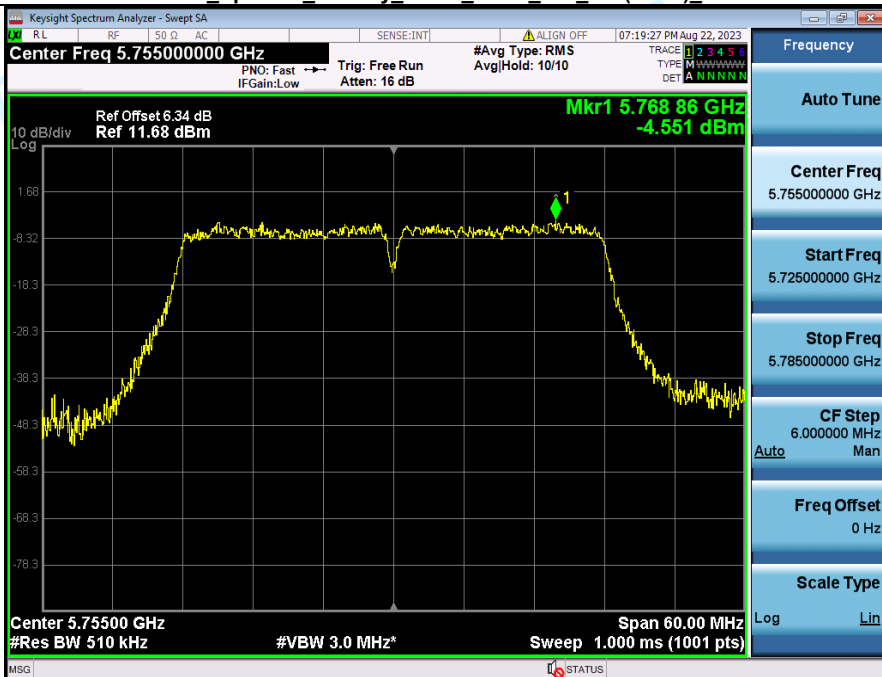
Power Spectral Density_NVNT_ANT1_802_11ac(VHT20)_5785



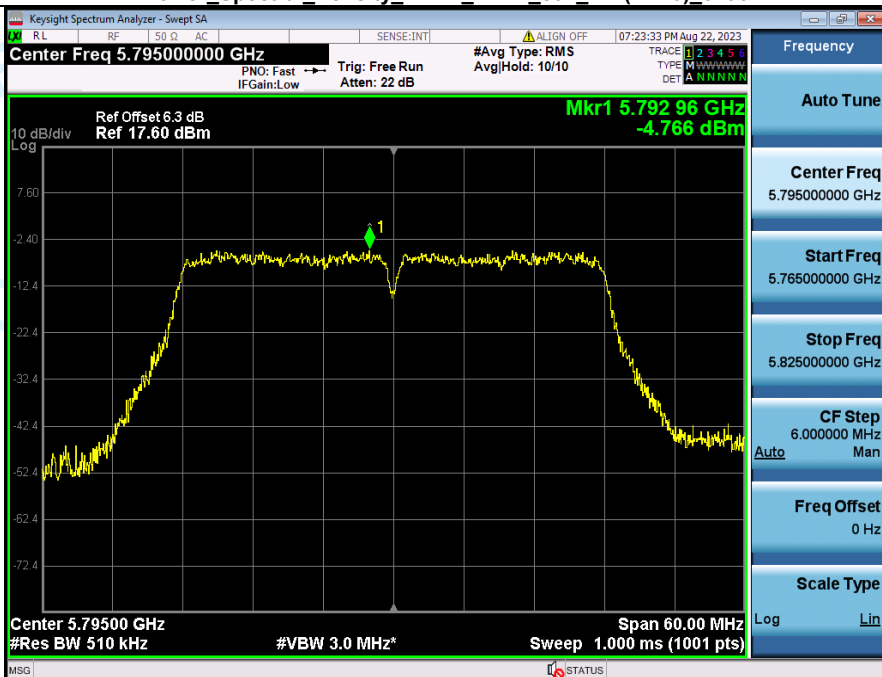
Power Spectral Density_NVNT_ANT1_802_11ac(VHT20)_5825



Power Spectral Density NVNT_ANT1_802_11n(HT40)_5755



Power Spectral Density NVNT_ANT1_802_11n(HT40)_5795

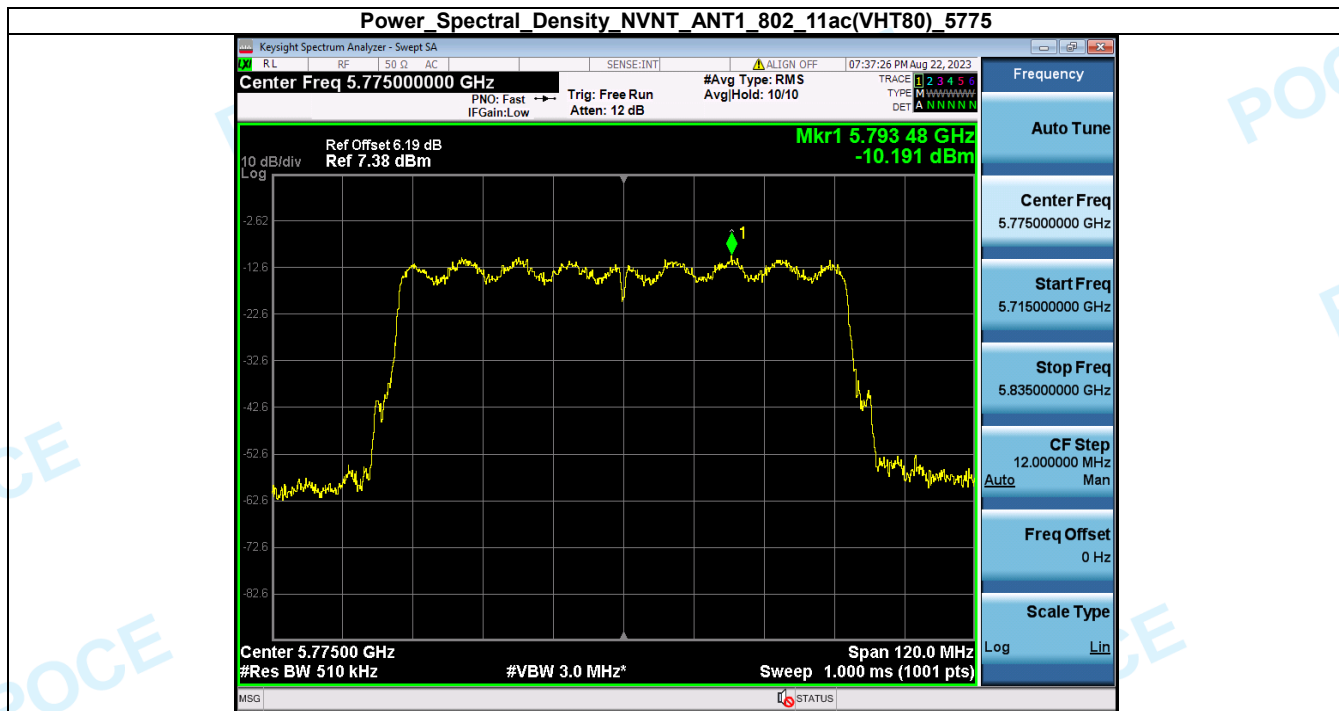


Power Spectral Density_NVNT_ANT1_802_11ac(VHT40)_5755



Power Spectral Density_NVNT_ANT1_802_11ac(VHT40)_5795





6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5648.250	-48.07	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5668.230	-48.79	-16.12	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5713.820	-43.98	13.87	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5722.915	-38.60	22.25	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5854.880	-47.99	15.87	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5873.560	-47.78	10.40	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5919.730	-47.59	-26.78	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5920.595	-42.22	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5628.810	-48.26	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5673.855	-48.88	-11.50	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5702.700	-48.51	10.76	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5720.405	-48.15	16.52	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5854.860	-47.97	15.92	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5872.940	-47.99	10.58	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5902.765	-48.12	-12.83	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5922.125	-43.36	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5565-5655	5645.820	-48.71	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5655-5700	5665.305	-48.89	-18.53	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5700-5720	5701.040	-48.58	10.29	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5720-5725	5720.620	-48.34	17.01	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5850-5855	5854.070	-47.94	17.72	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5855-5875	5873.400	-47.94	10.45	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5875-5920	5915.005	-48.34	-22.89	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5920-6005	5933.175	-42.30	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5647.800	-48.55	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5660.355	-48.93	-22.60	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5707.660	-48.21	12.14	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5720.820	-46.07	17.47	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5854.035	-46.82	17.80	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5872.560	-47.90	10.68	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5918.380	-48.27	-25.67	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5930.045	-42.83	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5595-5655	5652.360	-48.65	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5655-5700	5675.925	-48.44	-9.79	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5700-5720	5701.880	-48.84	10.53	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5720-5725	5721.025	-48.32	17.94	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5850-5855	5854.725	-47.76	16.23	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5855-5875	5872.280	-47.38	10.76	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5875-5920	5918.830	-48.34	-26.04	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5920-5955	5923.570	-44.18	-27.00	Pass