

Appendix-5.8G-ANT1

HT250729014--X5M Pro--5.8G--FCC-1

FCC_5.8G_WIFI (Part15.407) Test Data

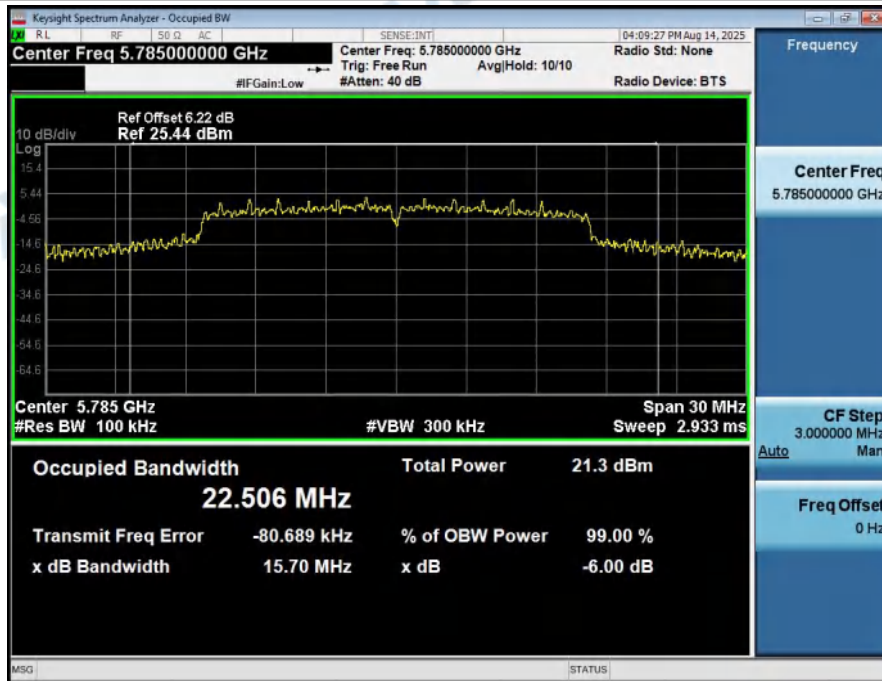
1. -6dB Emission Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	15.353	0.500	Pass
NVNT	ANT1	802.11a	5785.00	15.696	0.500	Pass
NVNT	ANT1	802.11a	5825.00	15.161	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	15.136	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	16.725	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	16.369	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	15.992	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	17.104	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	15.860	0.500	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	16.378	0.500	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	18.141	0.500	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	17.607	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	35.070	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	32.624	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	35.074	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	33.404	0.500	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	35.015	0.500	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	35.325	0.500	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	72.705	0.500	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	72.680	0.500	Pass

-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5745_20M



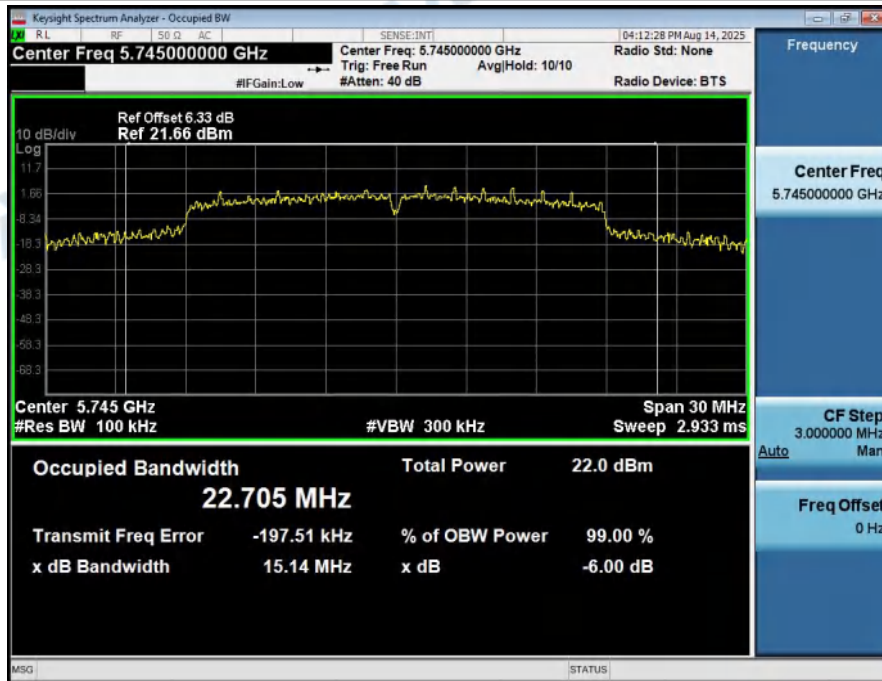
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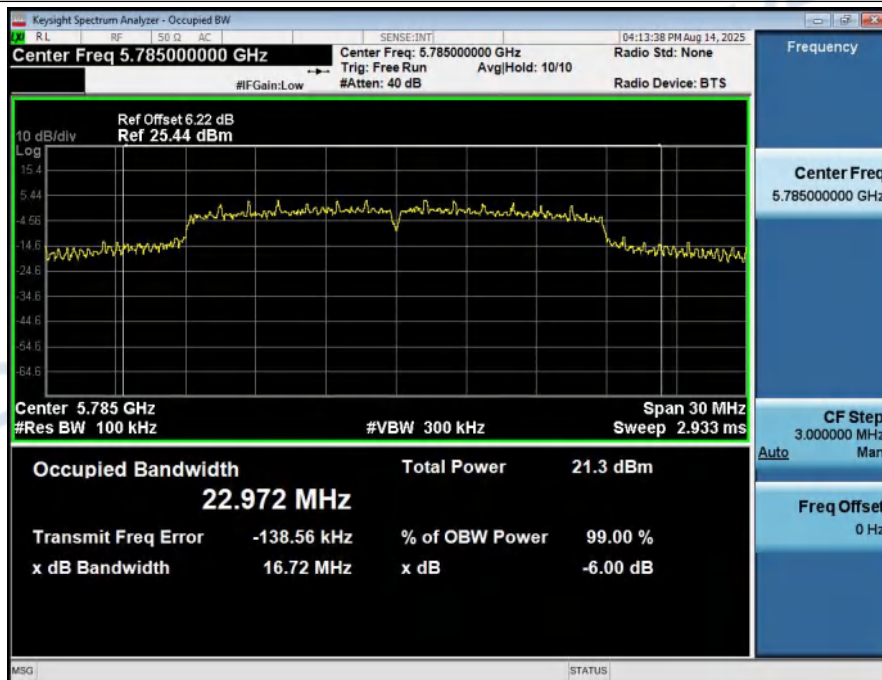
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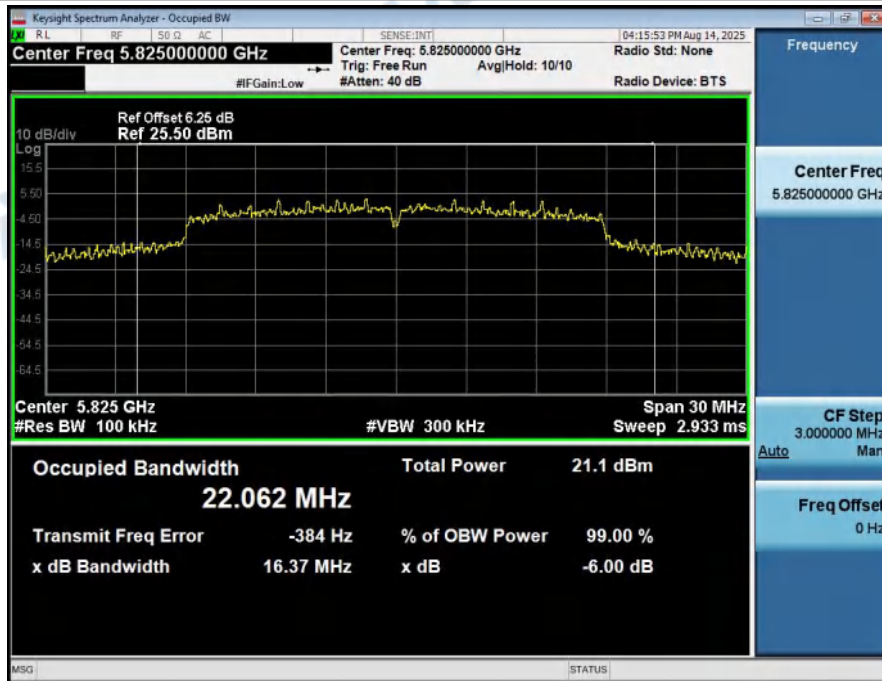
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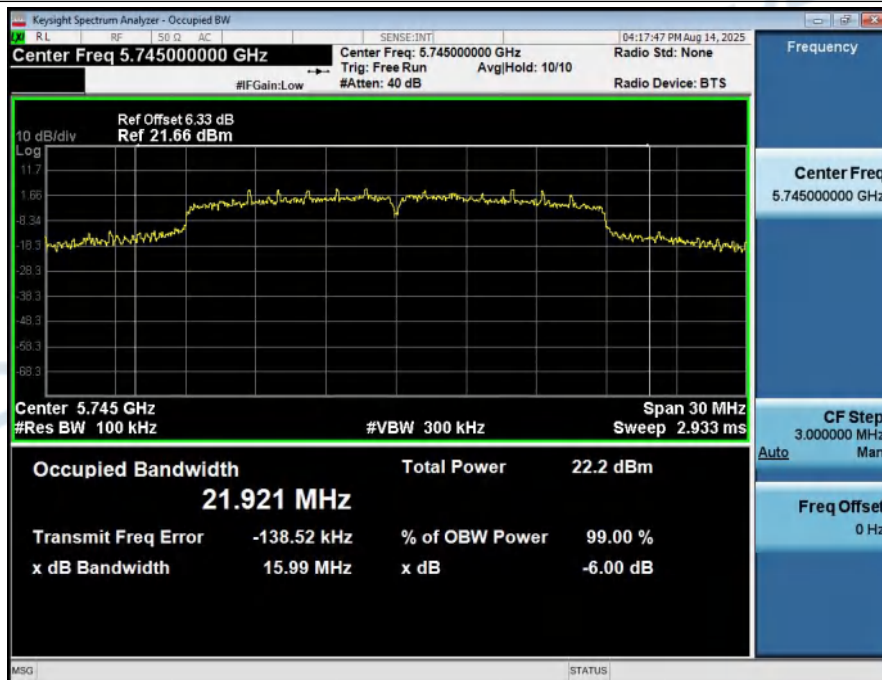
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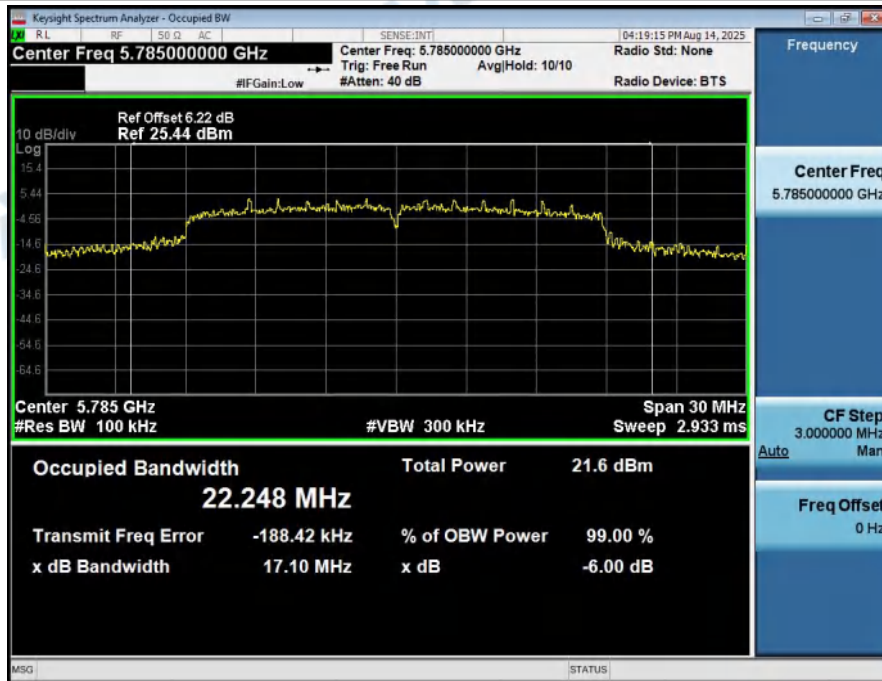
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-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5745_20M



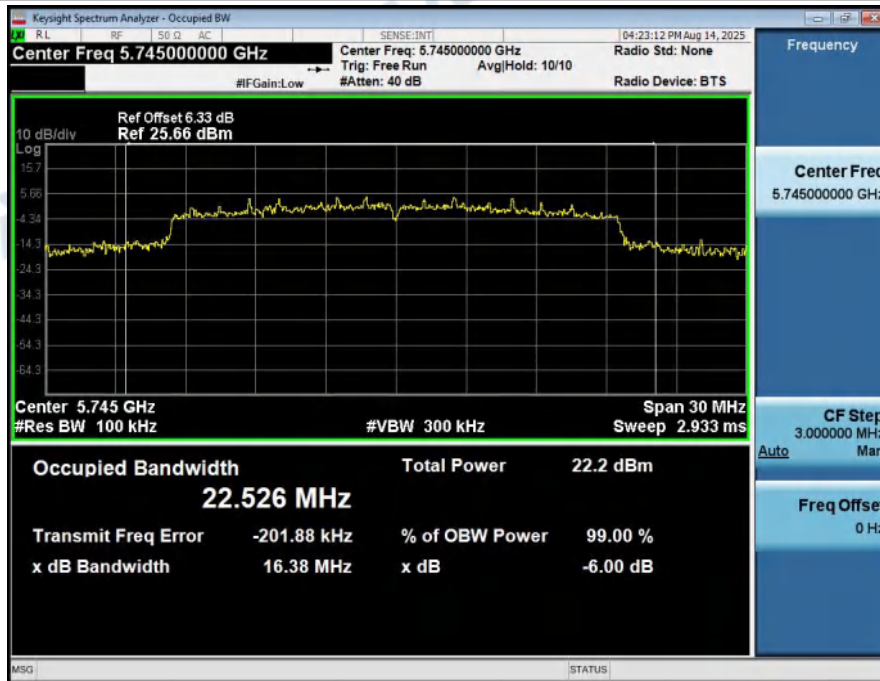
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-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5825_20M



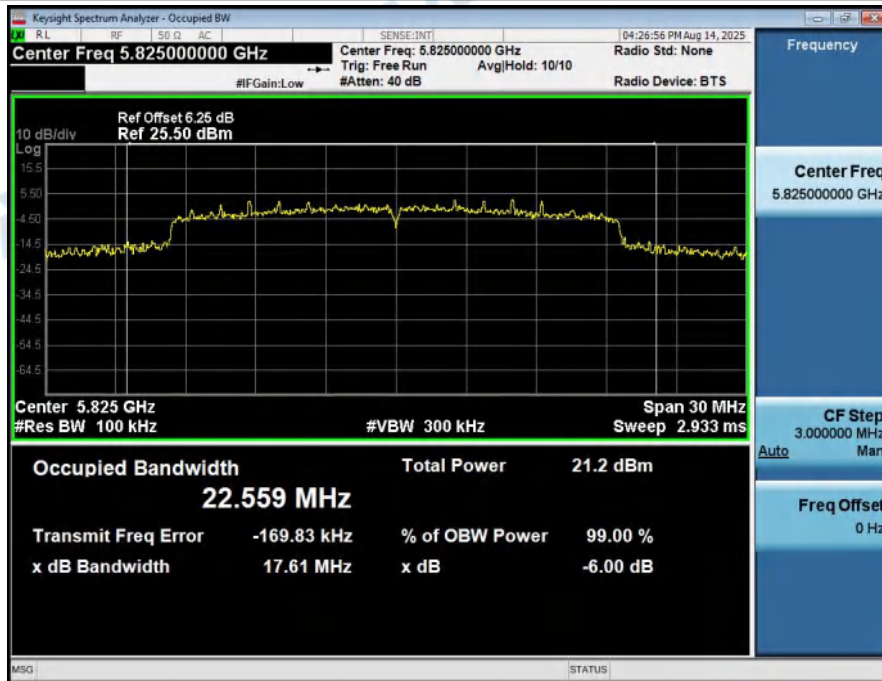
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-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE20)_5785_20M



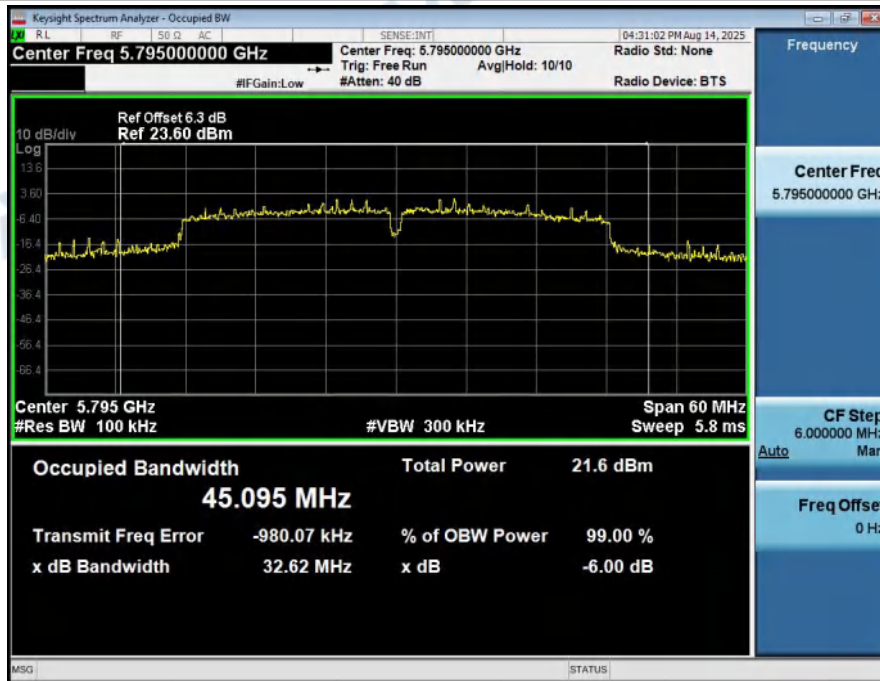
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE20)_5825_20M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT40)_5755_40M



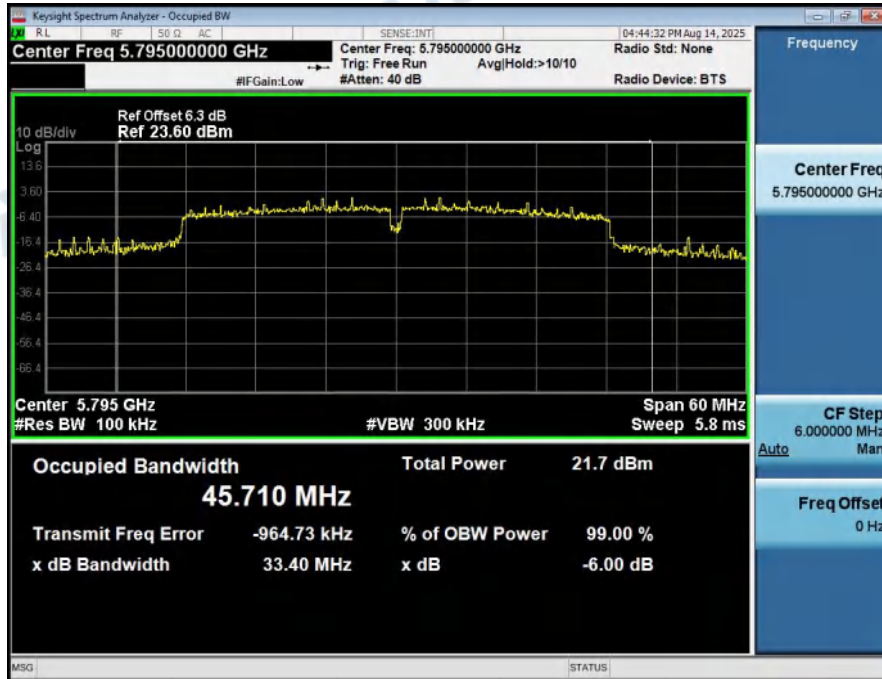
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT40)_5795_40M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5755_40M



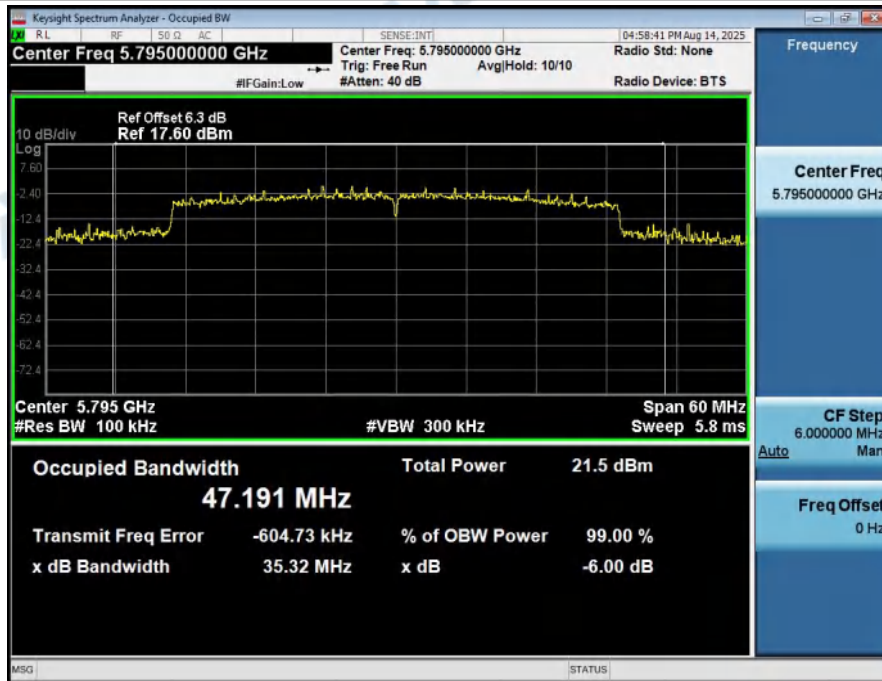
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5795_40M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE40)_5755_40M



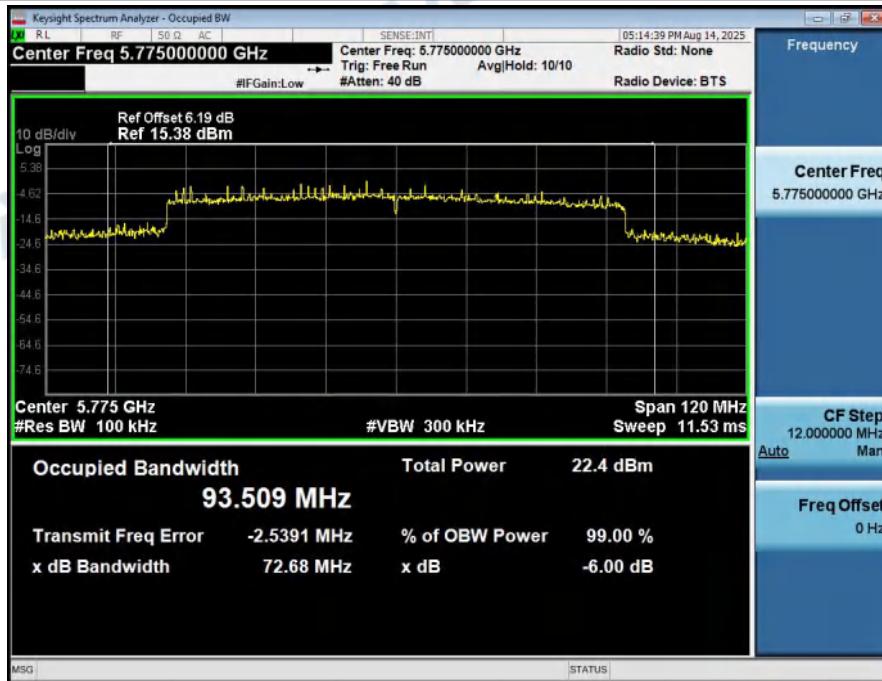
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE40)_5795_40M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5775_80M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE80)_5775_80M



2. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	43.59	26.21
NVNT	ANT1	802.11a	5785.00	44.10	25.67
NVNT	ANT1	802.11a	5825.00	41.77	26.38
NVNT	ANT1	802.11n(HT20)	5745.00	43.98	26.03
NVNT	ANT1	802.11n(HT20)	5785.00	45.83	25.94
NVNT	ANT1	802.11n(HT20)	5825.00	42.50	25.77
NVNT	ANT1	802.11ac(VHT20)	5745.00	41.85	26.74
NVNT	ANT1	802.11ac(VHT20)	5785.00	44.40	27.51
NVNT	ANT1	802.11ac(VHT20)	5825.00	43.18	26.34
NVNT	ANT1	802.11ax(HE20)	5745.00	46.18	25.29
NVNT	ANT1	802.11ax(HE20)	5785.00	45.43	26.41
NVNT	ANT1	802.11ax(HE20)	5825.00	44.45	25.52
NVNT	ANT1	802.11n(HT40)	5755.00	87.15	53.16
NVNT	ANT1	802.11n(HT40)	5795.00	90.66	52.08
NVNT	ANT1	802.11ac(VHT40)	5755.00	90.74	51.39
NVNT	ANT1	802.11ac(VHT40)	5795.00	86.96	50.67
NVNT	ANT1	802.11ax(HE40)	5755.00	90.26	52.10
NVNT	ANT1	802.11ax(HE40)	5795.00	88.82	50.12
NVNT	ANT1	802.11ac(VHT80)	5775.00	189.10	110.54
NVNT	ANT1	802.11ax(HE80)	5775.00	185.92	105.44

99%_OCB_NVNT_ANT1_802_11a_5745



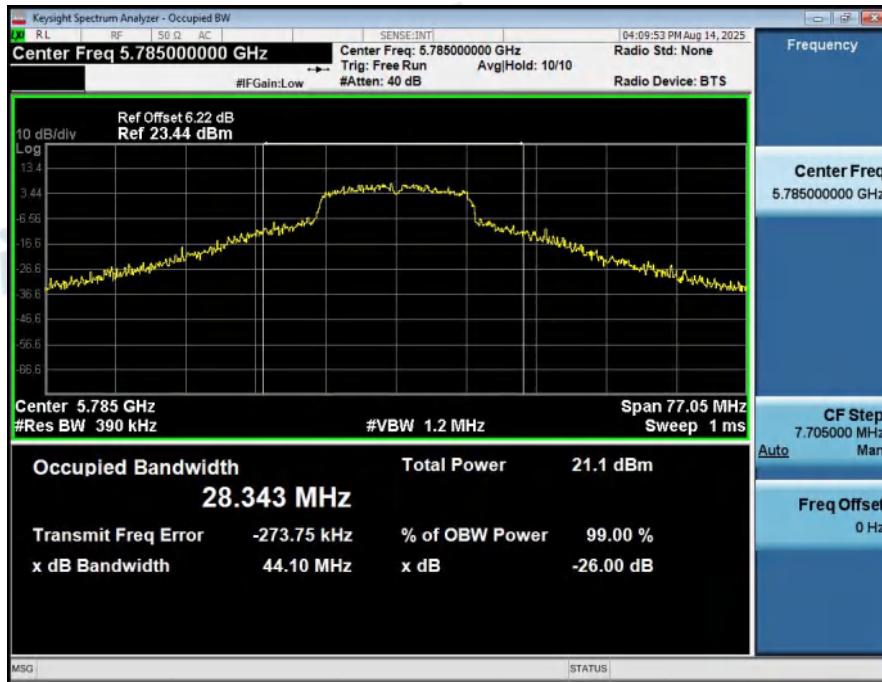
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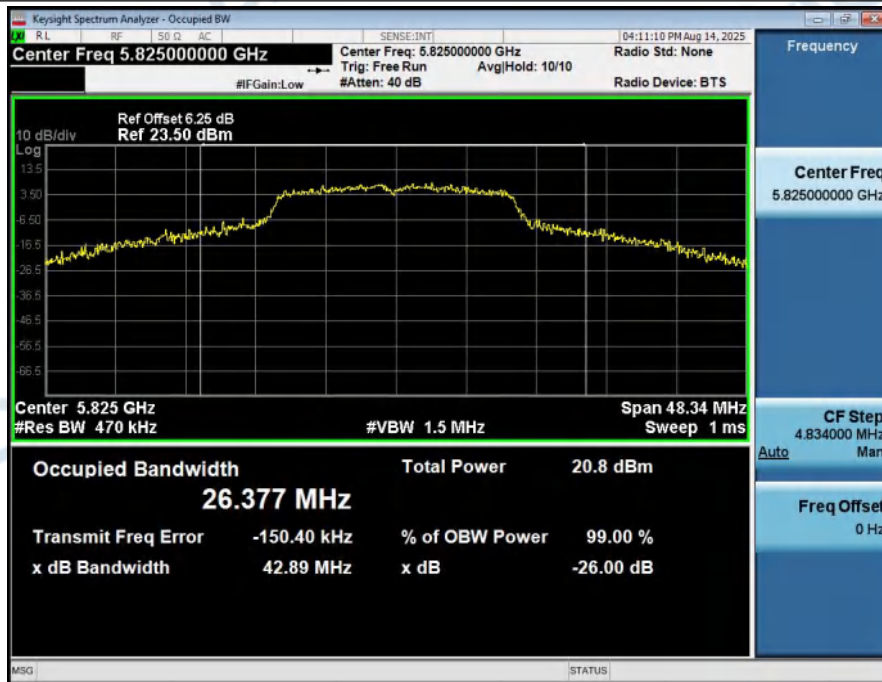
99%_OCB_NVNT_ANT1_802_11a_5785



-26BW_NVNT_ANT1_802_11a_5785



99%_OCB_NVNT_ANT1_802_11a_5825



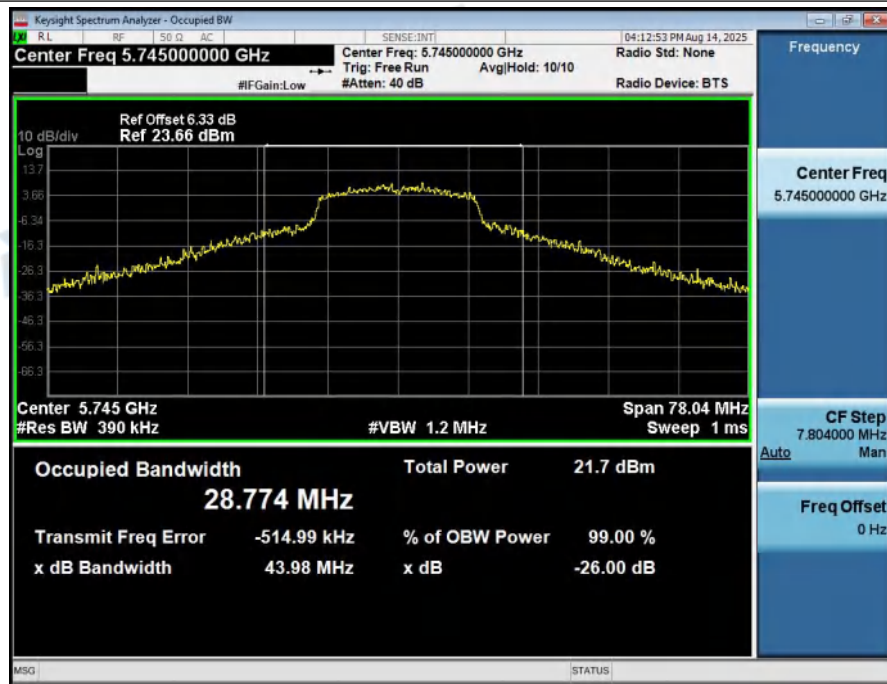
-26BW_NVNT_ANT1_802_11a_5825



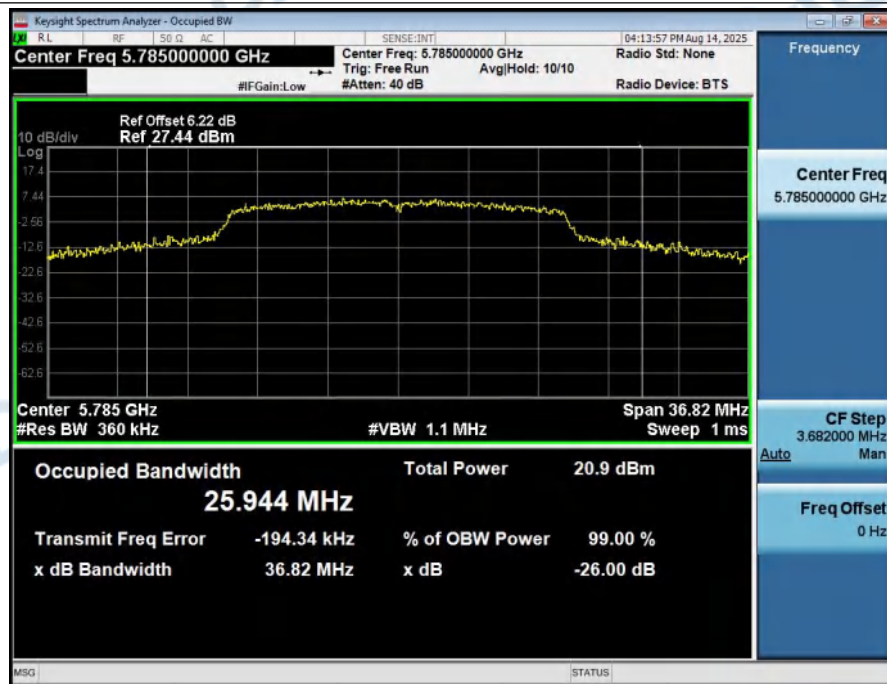
99%_OCB_NVNT_ANT1_802_11n(HT20)_5745



-26BW_NVNT_ANT1_802_11n(HT20)_5745



99%_OCB_NVNT_ANT1_802_11n(HT20)_5785



-26BW_NVNT_ANT1_802_11n(HT20)_5785



99%_OCB_NVNT_ANT1_802_11n(HT20)_5825



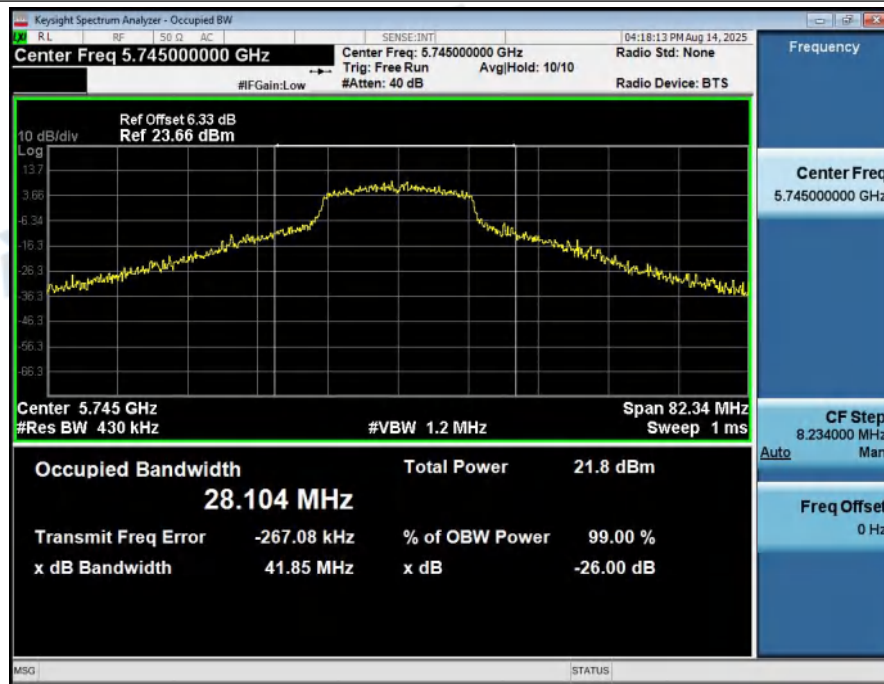
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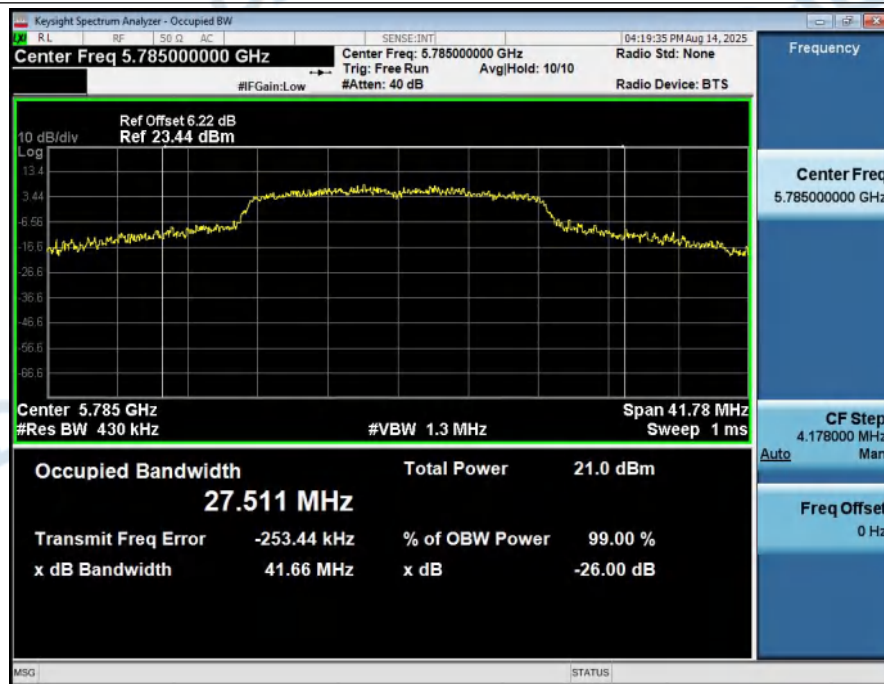
99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5745



-26BW_NVNT_ANT1_802_11ac(VHT20)_5745



99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5785



-26BW_NVNT_ANT1_802_11ac(VHT20)_5785



99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5825



-26BW_NVNT_ANT1_802_11ac(VHT20)_5825



99%_OCB_NVNT_ANT1_802_11ax(HE20)_5745



-26BW_NVNT_ANT1_802_11ax(HE20)_5745



99%_OCB_NVNT_ANT1_802_11ax(HE20)_5785



-26BW_NVNT_ANT1_802_11ax(HE20)_5785



99%_OCB_NVNT_ANT1_802_11ax(HE20)_5825



-26BW_NVNT_ANT1_802_11ax(HE20)_5825



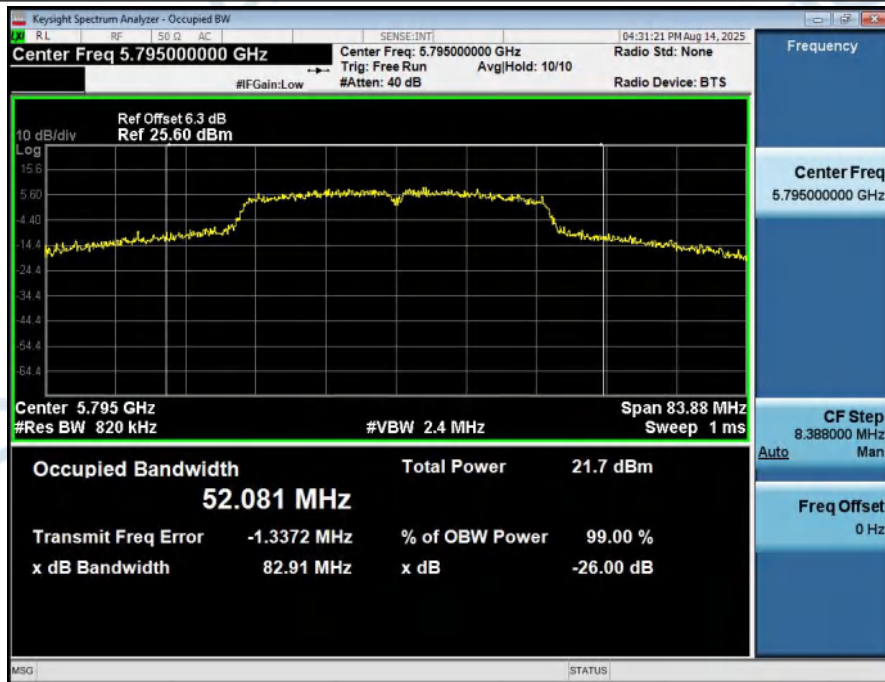
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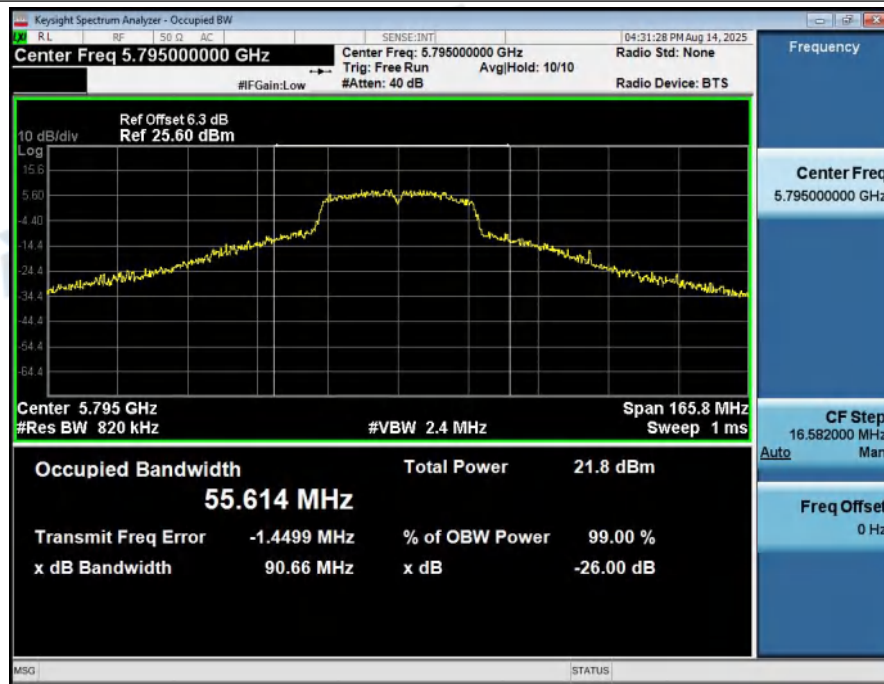
-26BW_NVNT_ANT1_802_11n(HT40)_5755



99%_OCB_NVNT_ANT1_802_11n(HT40)_5795



-26BW_NVNT_ANT1_802_11n(HT40)_5795



99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5755



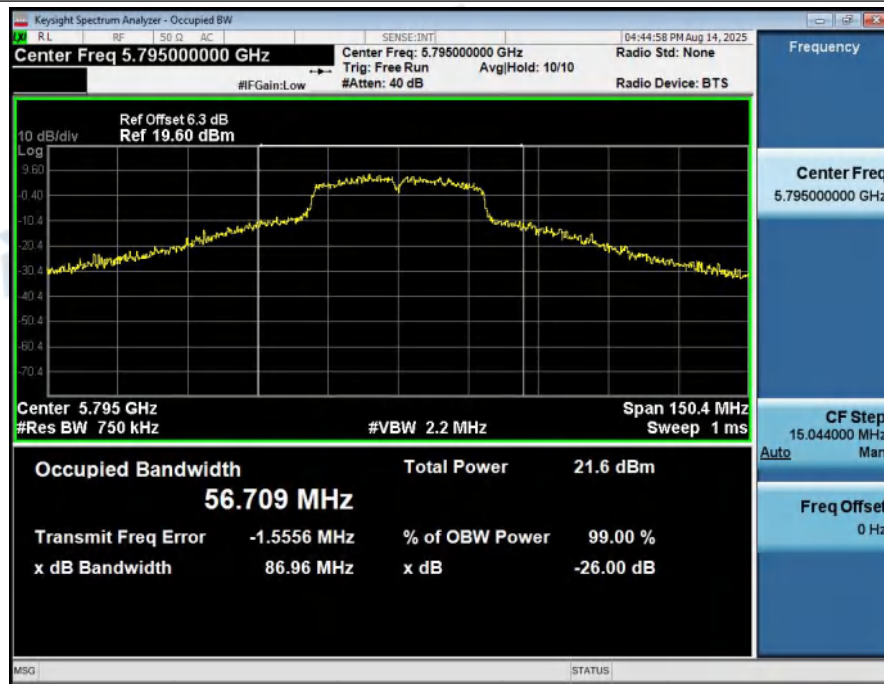
-26BW_NVNT_ANT1_802_11ac(VHT40)_5755



99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5795



-26BW_NVNT_ANT1_802_11ac(VHT40)_5795



99%_OCB_NVNT_ANT1_802_11ax(HE40)_5755



-26BW_NVNT_ANT1_802_11ax(HE40)_5755



99%_OCB_NVNT_ANT1_802_11ax(HE40)_5795



-26BW_NVNT_ANT1_802_11ax(HE40)_5795



99%_OCB_NVNT_ANT1_802_11ac(VHT80)_5775



-26BW_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	31.03	5.08
NVNT	ANT1	802.11a	5785.00	27.59	5.59
NVNT	ANT1	802.11a	5825.00	27.59	5.59
NVNT	ANT1	802.11n(HT20)	5745.00	31.03	5.08
NVNT	ANT1	802.11n(HT20)	5785.00	31.03	5.08
NVNT	ANT1	802.11n(HT20)	5825.00	27.59	5.59
NVNT	ANT1	802.11ac(VHT20)	5745.00	27.59	5.59
NVNT	ANT1	802.11ac(VHT20)	5785.00	28.57	5.44
NVNT	ANT1	802.11ac(VHT20)	5825.00	27.59	5.59
NVNT	ANT1	802.11ax(HE20)	5745.00	75.00	1.25
NVNT	ANT1	802.11ax(HE20)	5785.00	75.00	1.25
NVNT	ANT1	802.11ax(HE20)	5825.00	73.75	1.32
NVNT	ANT1	802.11n(HT40)	5755.00	58.00	2.37
NVNT	ANT1	802.11n(HT40)	5795.00	58.00	2.37
NVNT	ANT1	802.11ac(VHT40)	5755.00	60.00	2.22
NVNT	ANT1	802.11ac(VHT40)	5795.00	58.00	2.37
NVNT	ANT1	802.11ax(HE40)	5755.00	75.00	1.25
NVNT	ANT1	802.11ax(HE40)	5795.00	75.00	1.25
NVNT	ANT1	802.11ac(VHT80)	5775.00	42.86	3.68
NVNT	ANT1	802.11ax(HE80)	5775.00	72.73	1.38

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	13.10	5.08	18.18	30	Pass
NVNT	ANT1	802.11a	5785.00	12.55	5.59	18.14	30	Pass
NVNT	ANT1	802.11a	5825.00	12.19	5.59	17.78	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	12.96	5.08	18.04	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	12.29	5.08	17.37	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	12.09	5.59	17.68	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	12.99	5.59	18.58	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	11.94	5.44	17.38	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	11.88	5.59	17.47	30	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	13.58	1.25	14.83	30	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	12.92	1.25	14.17	30	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	12.71	1.32	14.03	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	12.67	2.37	15.04	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	11.89	2.37	14.26	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	12.61	2.22	14.83	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	12.07	2.37	14.44	30	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	13.46	1.25	14.71	30	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	12.73	1.25	13.98	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	11.03	3.68	14.71	30	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	12.90	1.38	14.28	30	Pass

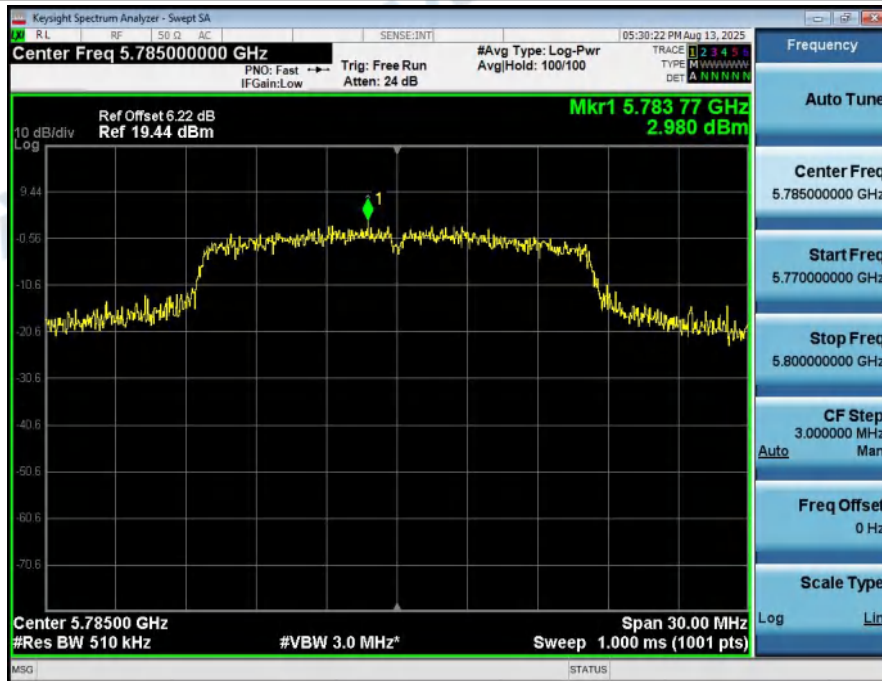
5. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA (dBm/RBW)	Duty factor (dB)	RB factor (dB)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
NVNT	ANT1	802.11a	5745.00	3.63	5.08	-0.09	8.62	30	Pass
NVNT	ANT1	802.11a	5785.00	2.98	5.59	-0.09	8.48	30	Pass
NVNT	ANT1	802.11a	5825.00	1.39	5.59	-0.09	6.89	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	4.03	5.08	-0.09	9.02	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	2.77	5.08	-0.09	7.76	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-0.05	5.59	-0.09	5.45	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	3.48	5.59	-0.09	8.99	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	3.22	5.44	-0.09	8.57	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	1.14	5.59	-0.09	6.64	30	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	4.32	1.25	-0.09	5.49	30	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	2.75	1.25	-0.09	3.92	30	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	1.62	1.32	-0.09	2.85	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	0.70	2.37	-0.09	2.98	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-1.31	2.37	-0.09	0.97	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	4.79	2.22	-0.09	6.92	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	4.15	2.37	-0.09	6.43	30	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	5.71	1.25	-0.09	6.88	30	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	5.15	1.25	-0.09	6.32	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	1.86	3.68	-0.09	5.45	30	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	2.91	1.38	-0.09	4.21	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_11ax(HE20)_5745



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_5785



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_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



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE40)_5755



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE40)_5795



Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5775



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE80)_5775

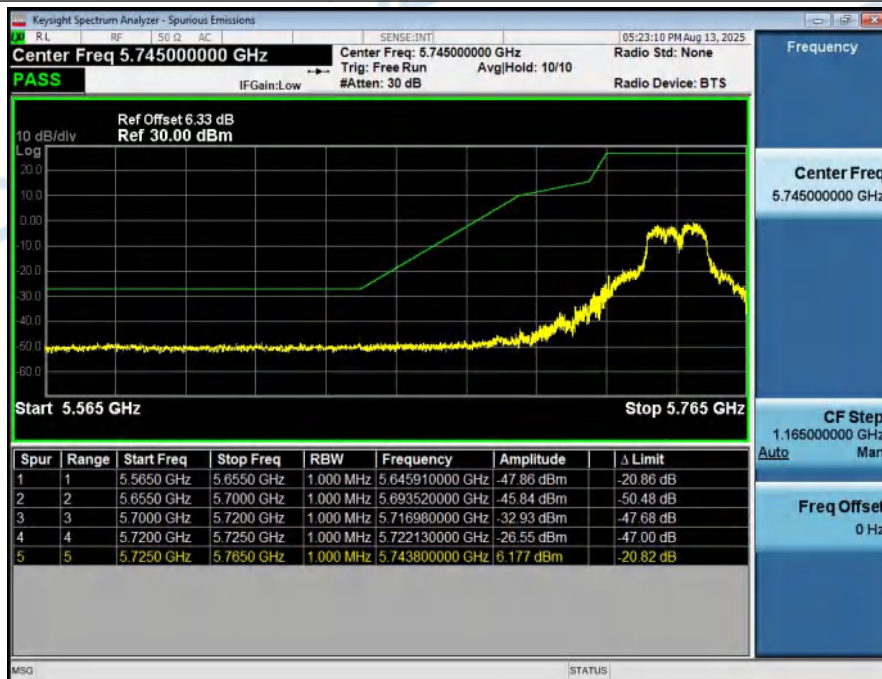


6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5645.910	-47.86	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5693.520	-45.84	4.67	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5716.980	-32.93	14.75	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5722.130	-26.55	20.46	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5851.105	-34.78	24.48	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5856.020	-37.44	15.31	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5919.685	-47.85	-26.74	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5937.425	-43.03	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5609.640	-47.79	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5693.565	-45.00	4.71	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5714.760	-33.04	14.13	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5720.185	-25.45	16.02	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5854.325	-36.05	17.14	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5858.420	-38.22	14.64	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5911.360	-47.04	-19.90	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5938.870	-43.41	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5565-5655	5579.220	-47.30	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5655-5700	5692.665	-43.47	3.97	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5700-5720	5719.500	-29.69	15.46	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5720-5725	5723.290	-25.36	23.10	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5850-5855	5850.700	-32.68	25.40	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5855-5875	5857.420	-38.89	14.92	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5875-5920	5918.065	-48.09	-25.41	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5920-6005	5969.300	-44.04	-27.00	Pass
NVNT	ANT1	802.11ax(HE20)	LCH	5565-5655	5641.950	-48.10	-27.00	Pass
NVNT	ANT1	802.11ax(HE20)	LCH	5655-5700	5694.285	-42.43	5.30	Pass
NVNT	ANT1	802.11ax(HE20)	LCH	5700-5720	5719.020	-27.89	15.33	Pass
NVNT	ANT1	802.11ax(HE20)	LCH	5720-5725	5722.730	-22.64	21.82	Pass
NVNT	ANT1	802.11ax(HE20)	HCH	5850-5855	5850.760	-30.32	25.27	Pass
NVNT	ANT1	802.11ax(HE20)	HCH	5855-5875	5856.640	-34.70	15.14	Pass
NVNT	ANT1	802.11ax(HE20)	HCH	5875-5920	5918.245	-47.65	-25.56	Pass
NVNT	ANT1	802.11ax(HE20)	HCH	5920-6005	5941.080	-43.39	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5647.860	-43.97	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5696.760	-33.40	7.34	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5717.820	-22.55	14.99	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5722.250	-20.01	20.73	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5853.700	-36.54	18.56	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5859.660	-39.71	14.30	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5884.810	-45.56	1.93	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5928.050	-44.45	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5595-5655	5651.040	-44.31	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5655-5700	5695.725	-29.56	6.49	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5700-5720	5717.320	-18.40	14.85	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5720-5725	5723.270	-14.74	23.06	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5850-5855	5852.390	-30.86	21.55	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5855-5875	5859.260	-32.78	14.41	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5875-5920	5881.165	-42.39	4.93	Pass

NVNT	ANT1	802.11ac(VHT40)	HCH	5920-5955	5951.500	-43.09	-27.00	Pass
NVNT	ANT1	802.11ax(HE40)	LCH	5595-5655	5650.320	-42.83	-27.00	Pass
NVNT	ANT1	802.11ax(HE40)	LCH	5655-5700	5699.145	-27.80	9.30	Pass
NVNT	ANT1	802.11ax(HE40)	LCH	5700-5720	5715.920	-18.84	14.46	Pass
NVNT	ANT1	802.11ax(HE40)	LCH	5720-5725	5720.370	-15.03	16.44	Pass
NVNT	ANT1	802.11ax(HE40)	HCH	5850-5855	5852.830	-29.49	20.55	Pass
NVNT	ANT1	802.11ax(HE40)	HCH	5855-5875	5855.720	-31.23	15.40	Pass
NVNT	ANT1	802.11ax(HE40)	HCH	5875-5920	5880.265	-41.45	5.67	Pass
NVNT	ANT1	802.11ax(HE40)	HCH	5920-5955	5947.755	-42.81	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5650-5655	5652.660	-32.30	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5655-5700	5689.740	-23.14	1.56	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5700-5720	5706.920	-17.61	11.94	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5720-5725	5720.020	-16.97	15.65	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5850-5855	5854.990	-24.30	15.62	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5855-5875	5857.120	-23.80	15.01	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5875-5920	5894.980	-32.29	-6.43	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5920-5925	5922.235	-34.47	-27.00	Pass
NVNT	ANT1	802.11ax(HE80)	MCH	5650-5655	5652.460	-32.17	-27.00	Pass
NVNT	ANT1	802.11ax(HE80)	MCH	5655-5700	5694.510	-21.67	5.49	Pass
NVNT	ANT1	802.11ax(HE80)	MCH	5700-5720	5712.200	-17.45	13.42	Pass
NVNT	ANT1	802.11ax(HE80)	MCH	5720-5725	5722.800	-16.35	21.98	Pass
NVNT	ANT1	802.11ax(HE80)	MCH	5850-5855	5854.995	-22.87	15.61	Pass
NVNT	ANT1	802.11ax(HE80)	MCH	5855-5875	5862.100	-25.66	13.61	Pass
NVNT	ANT1	802.11ax(HE80)	MCH	5875-5920	5881.795	-31.35	4.41	Pass
NVNT	ANT1	802.11ax(HE80)	MCH	5920-5925	5922.760	-33.05	-27.00	Pass

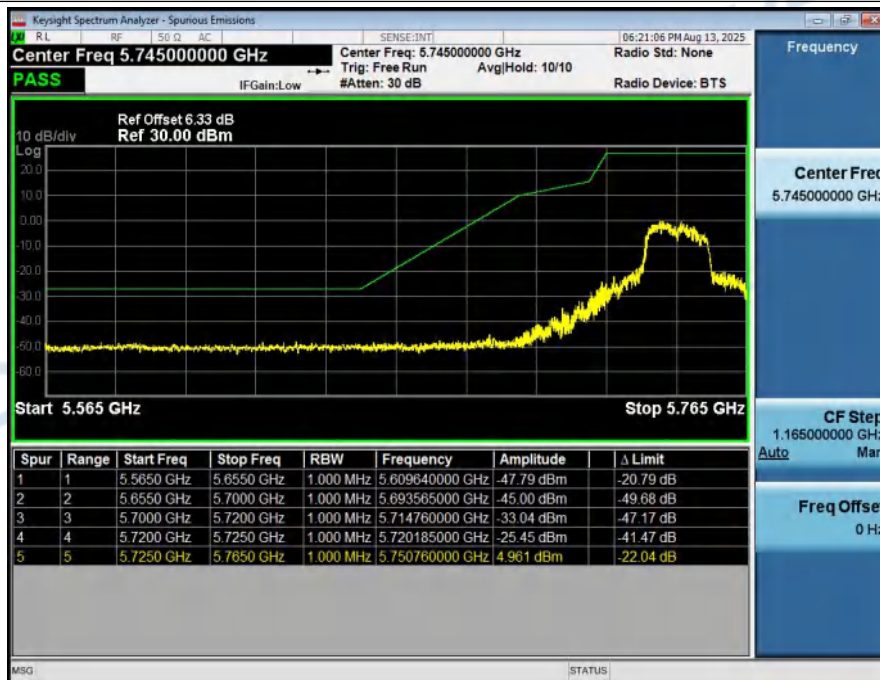
Bandedge_NVNT_ANT1_802_11a_5745



Bandedge_NVNT_ANT1_802_11a_5825



Bandedge_NVNT_ANT1_802_11n(HT20)_5745



Bandedge_NVNT_ANT1_802_11n(HT20)_5825



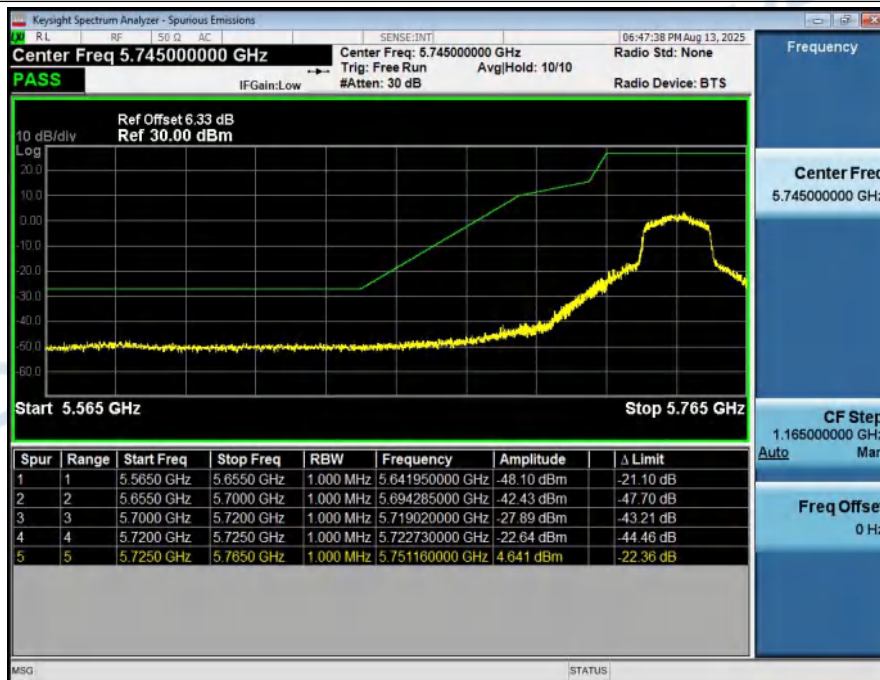
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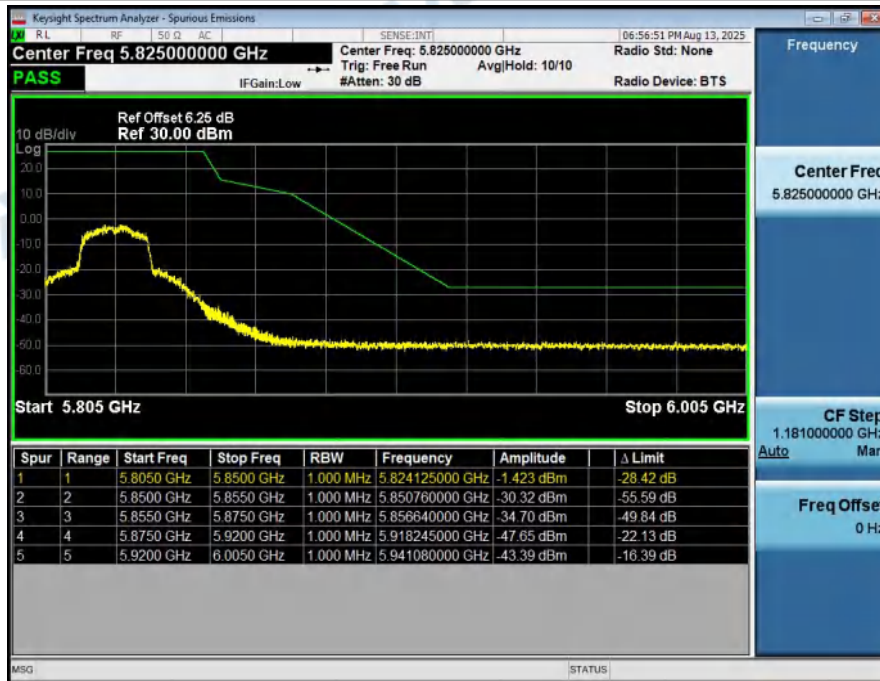
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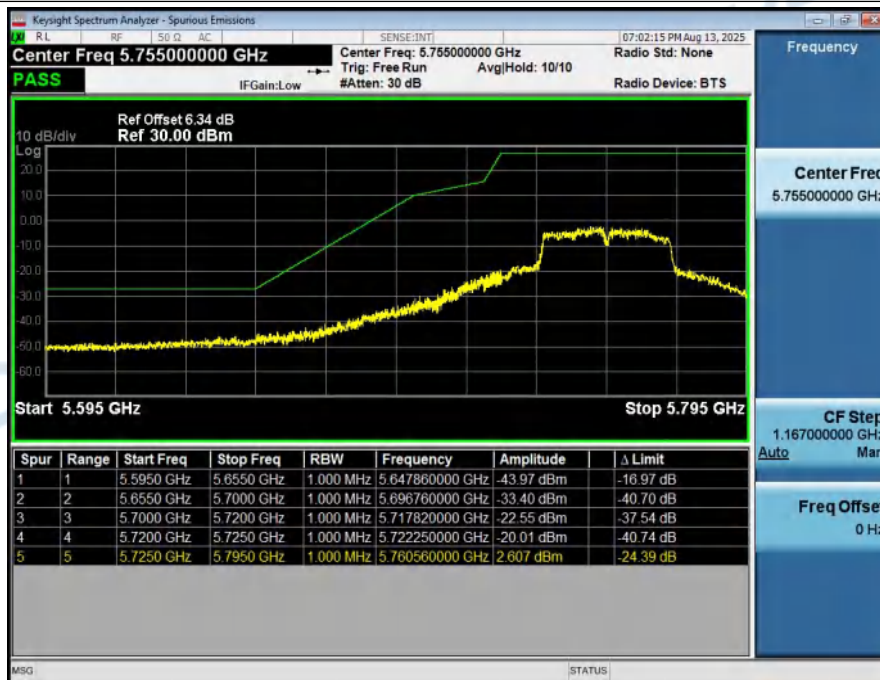
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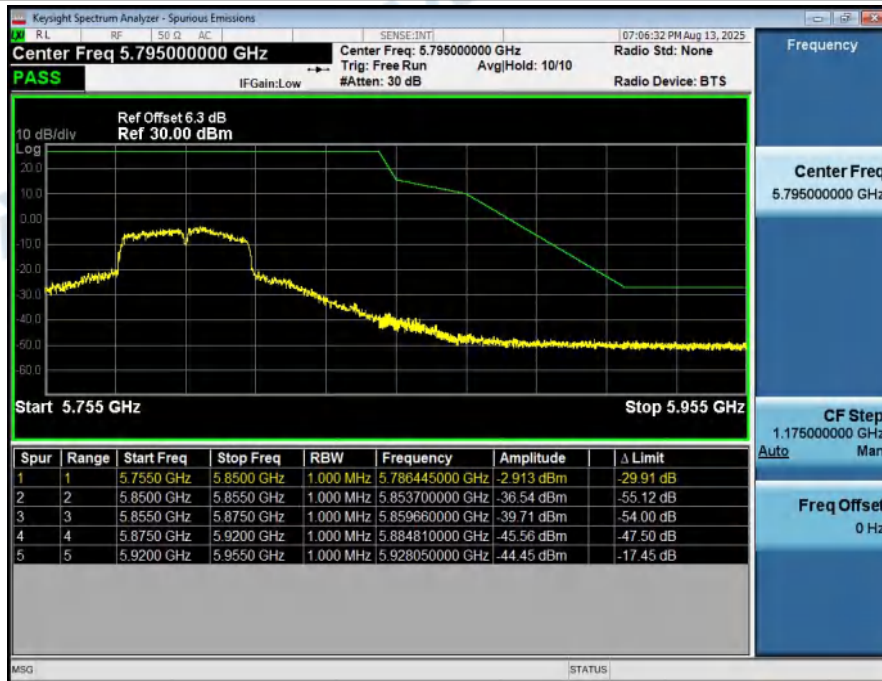
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Bandedge_NVNT_ANT1_802_11n(HT40)_5755



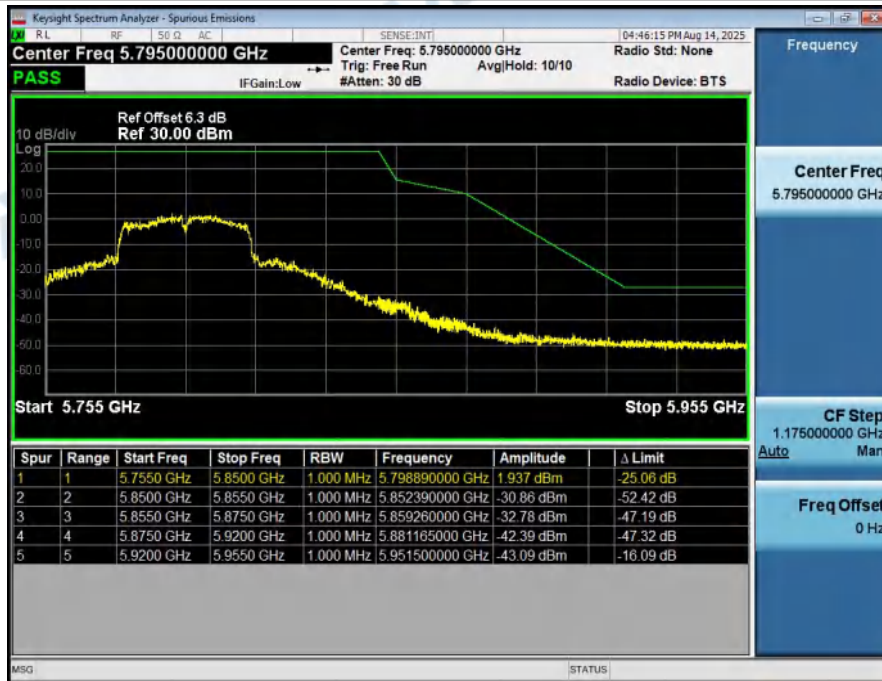
Bandedge_NVNT_ANT1_802_11n(HT40)_5795



Bandedge_NVNT_ANT1_802_11ac(VHT40)_5755



Bandedge_NVNT_ANT1_802_11ac(VHT40)_5795



Bandedge_NVNT_ANT1_802_11ax(HE40)_5755



Bandedge_NVNT_ANT1_802_11ax(HE40)_5795



Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_low



Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_up



Bandedge_NVNT_ANT1_802_11ax(HE80)_5775_low



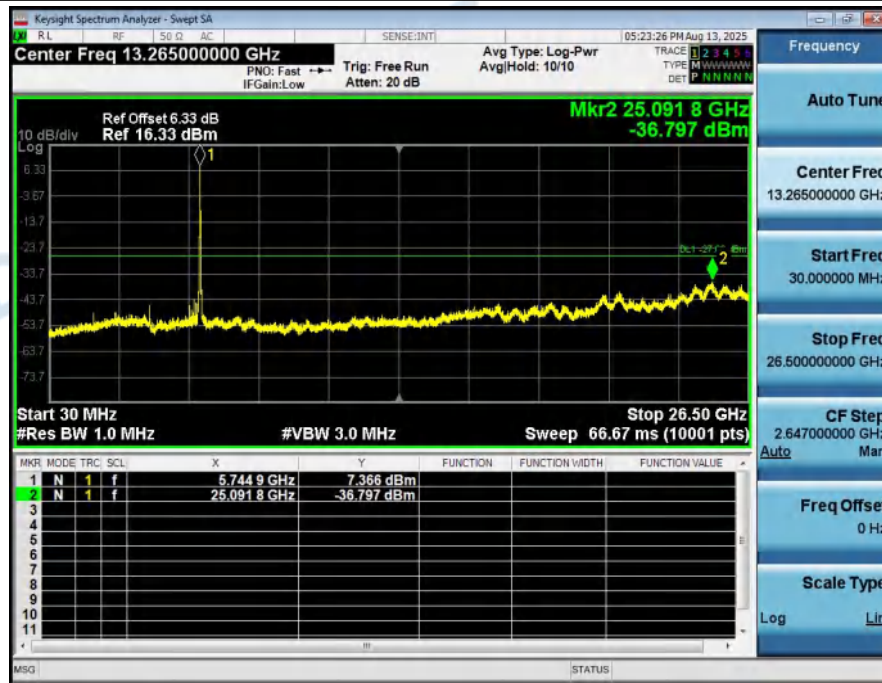
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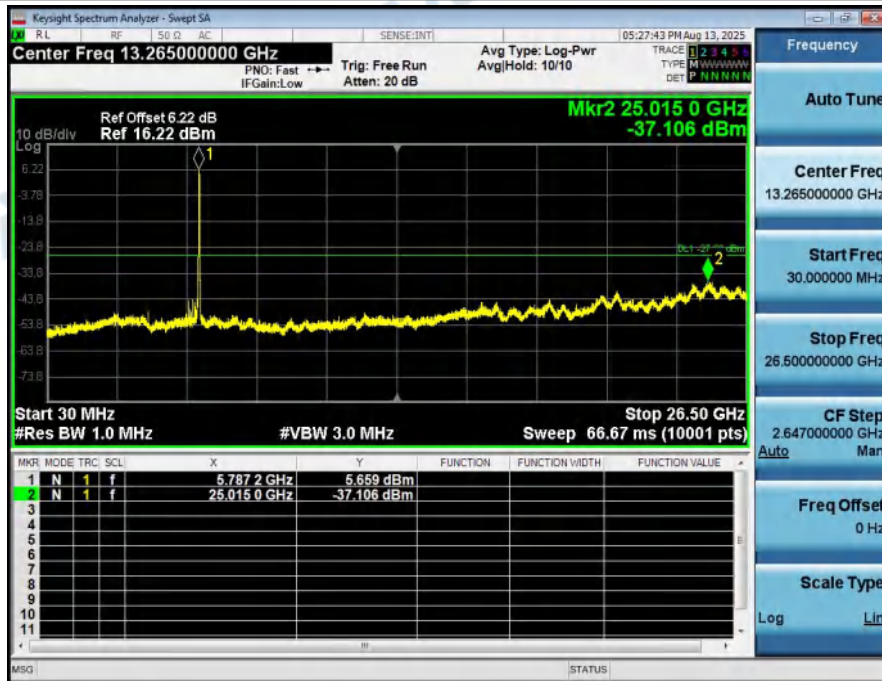
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	25091.80	-36.80	-27	Pass
NVNT	ANT1	802.11a	5785.00	25015.03	-37.11	-27	Pass
NVNT	ANT1	802.11a	5825.00	25017.68	-36.87	-27	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	24983.27	-37.05	-27	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	25083.85	-37.03	-27	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	25094.44	-36.99	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	25073.27	-35.75	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	25001.80	-36.94	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	25036.21	-36.60	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	24461.81	-37.42	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	25030.92	-37.50	-27	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	25102.38	-37.15	-27	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	24980.62	-36.79	-27	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	25033.56	-36.78	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	24898.56	-37.43	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	25049.44	-37.12	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	25052.09	-37.63	-27	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	25030.92	-36.52	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	5562.23	-38.00	-27	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	25025.62	-37.02	-27	Pass

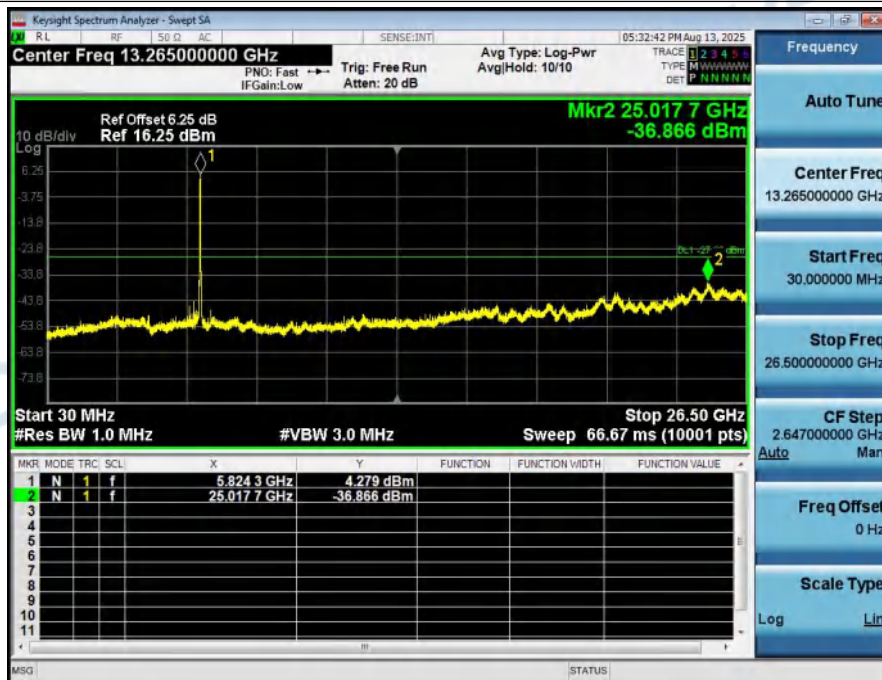
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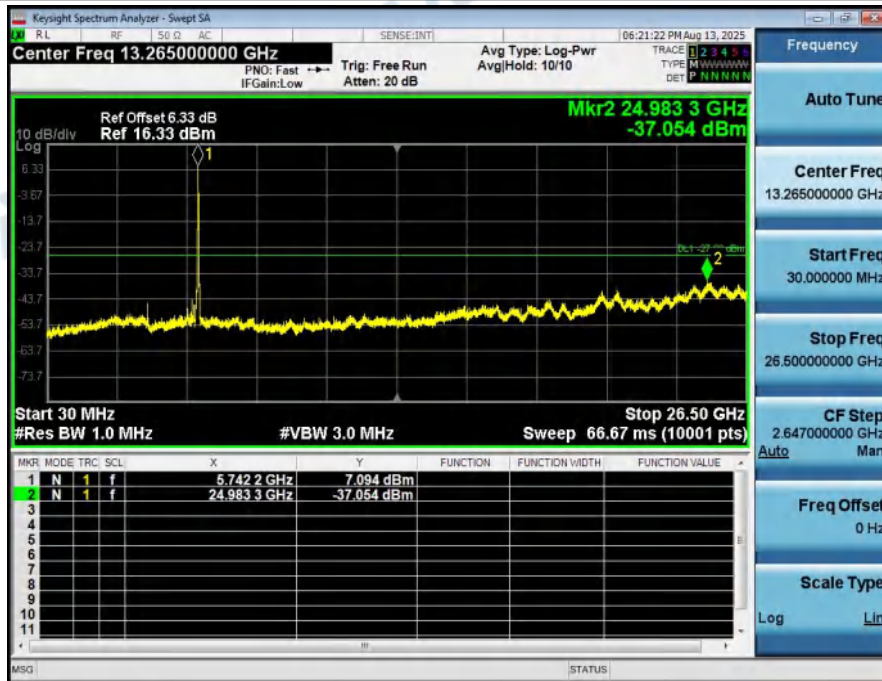
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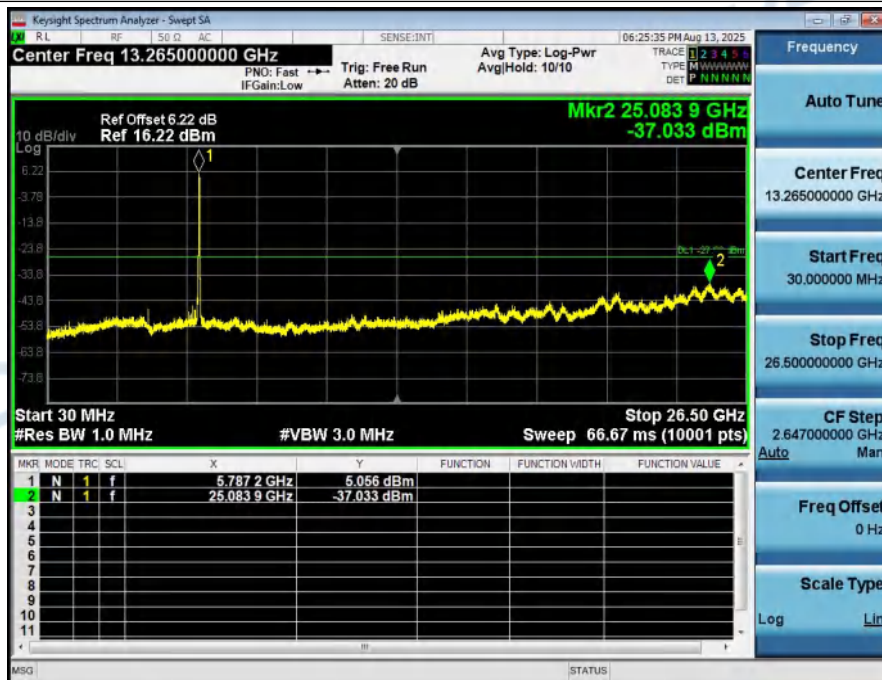
Spurious_Emission_NVNT_ANT1_802_11a_5825



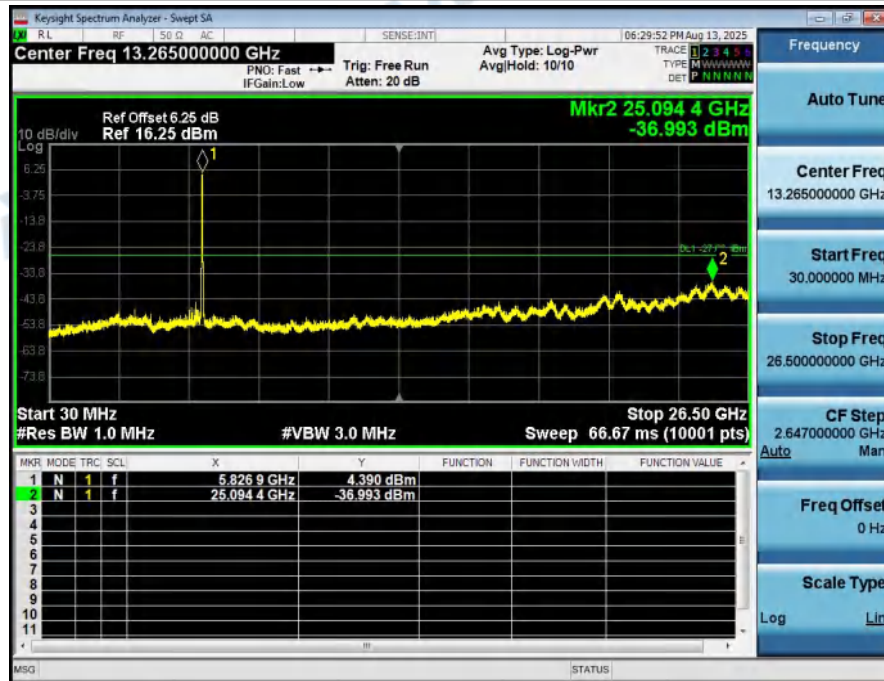
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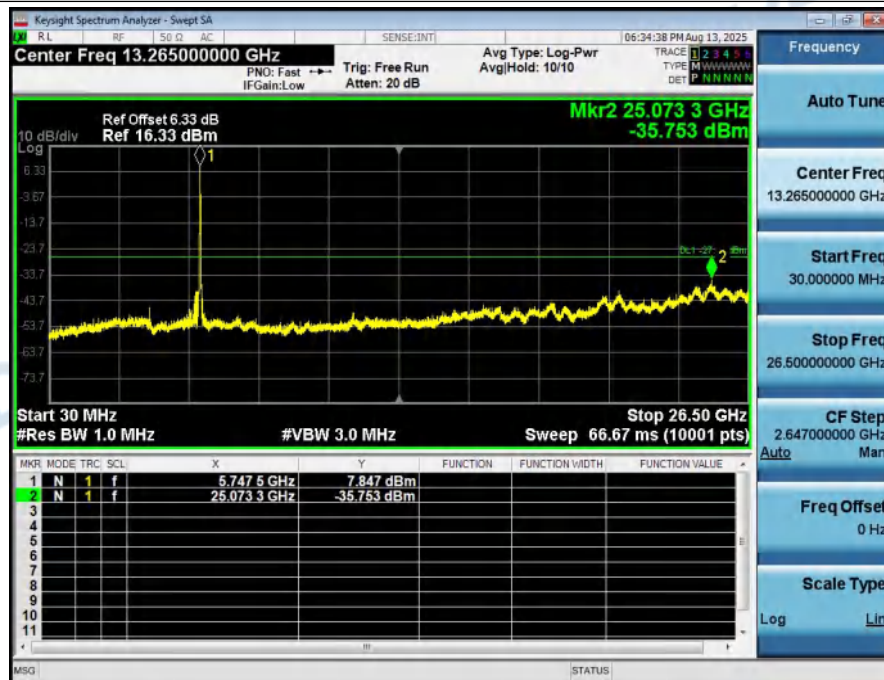
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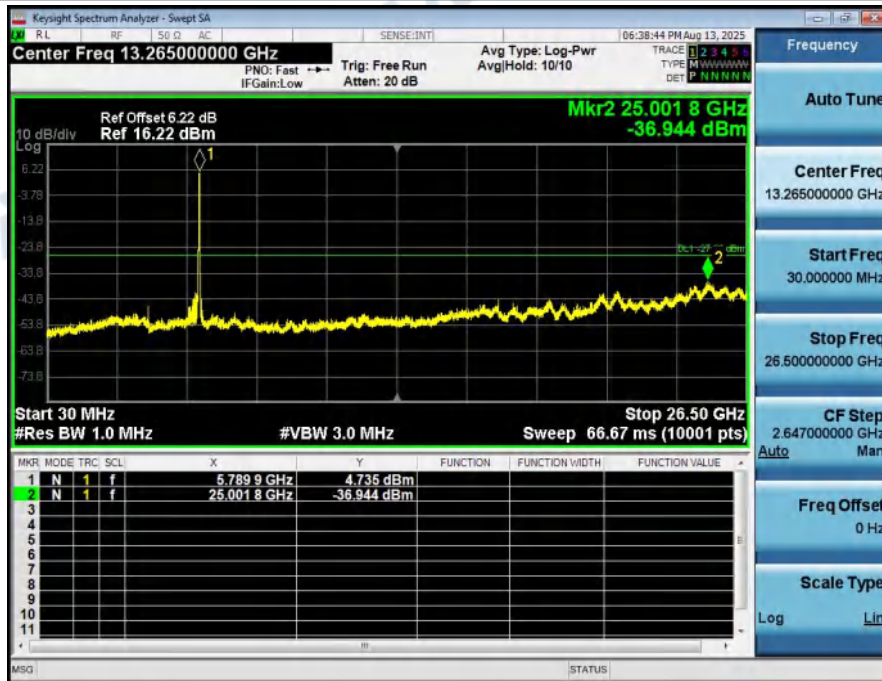
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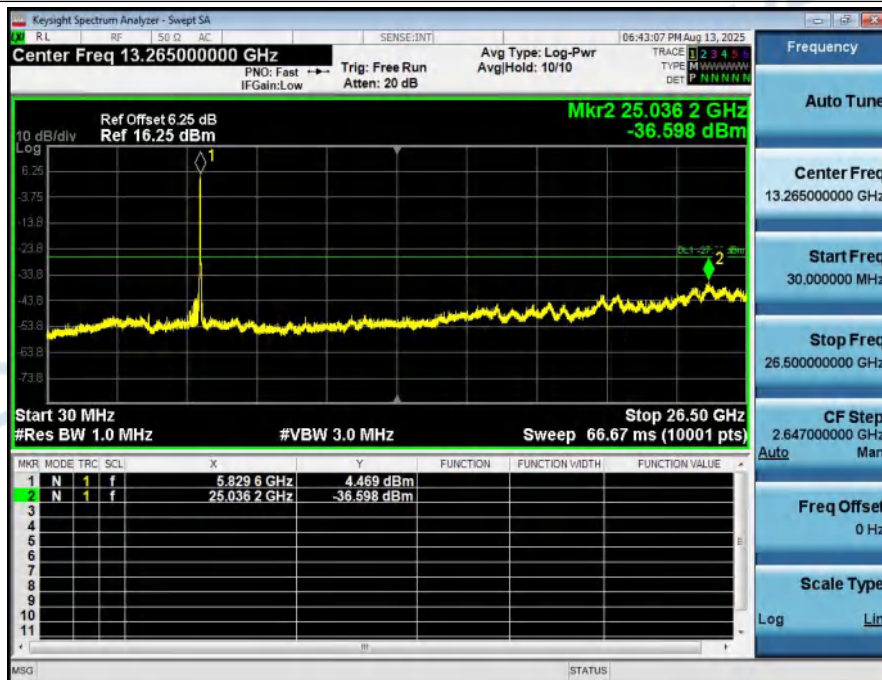
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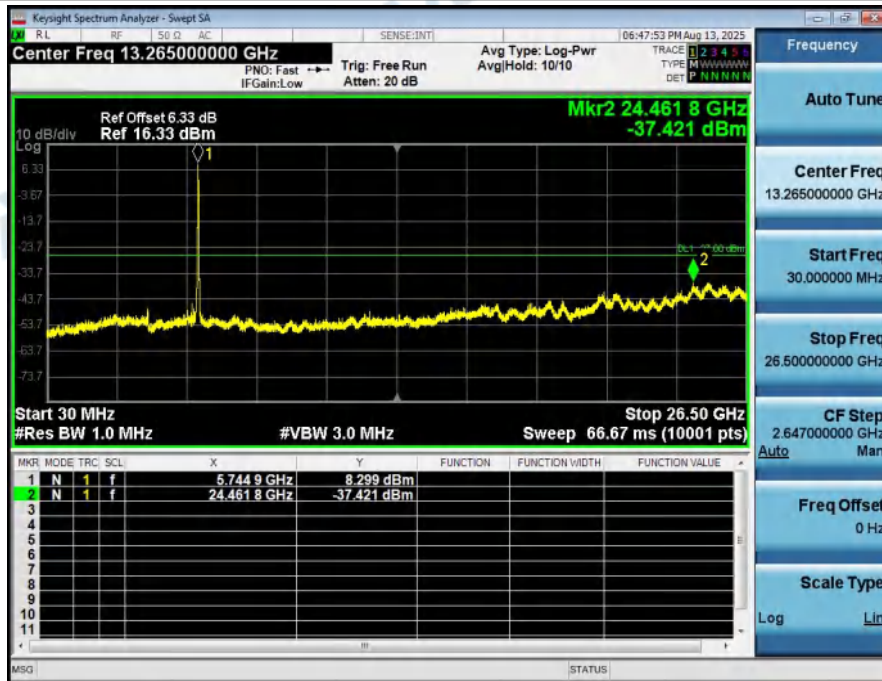
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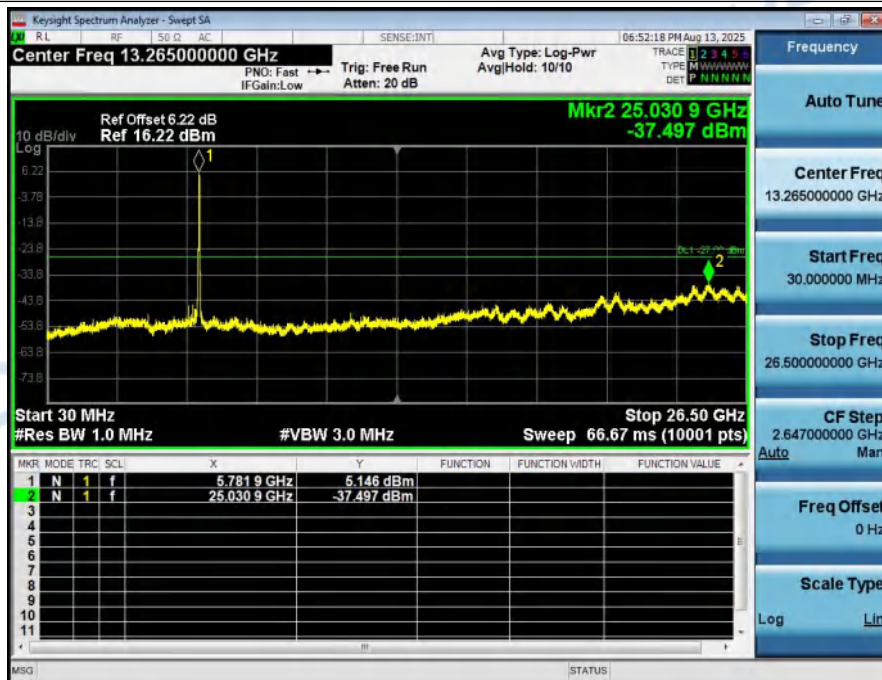
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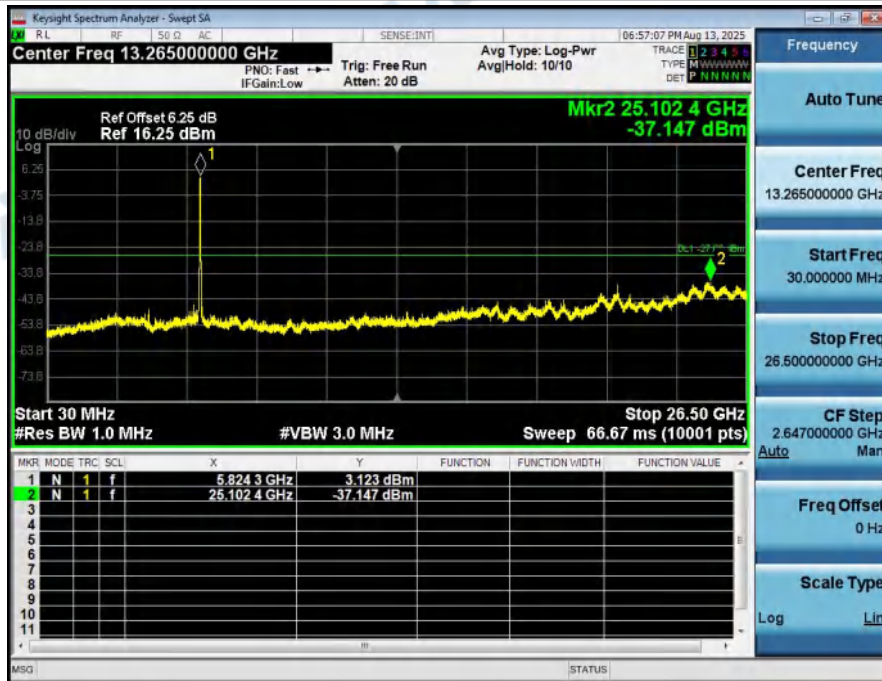
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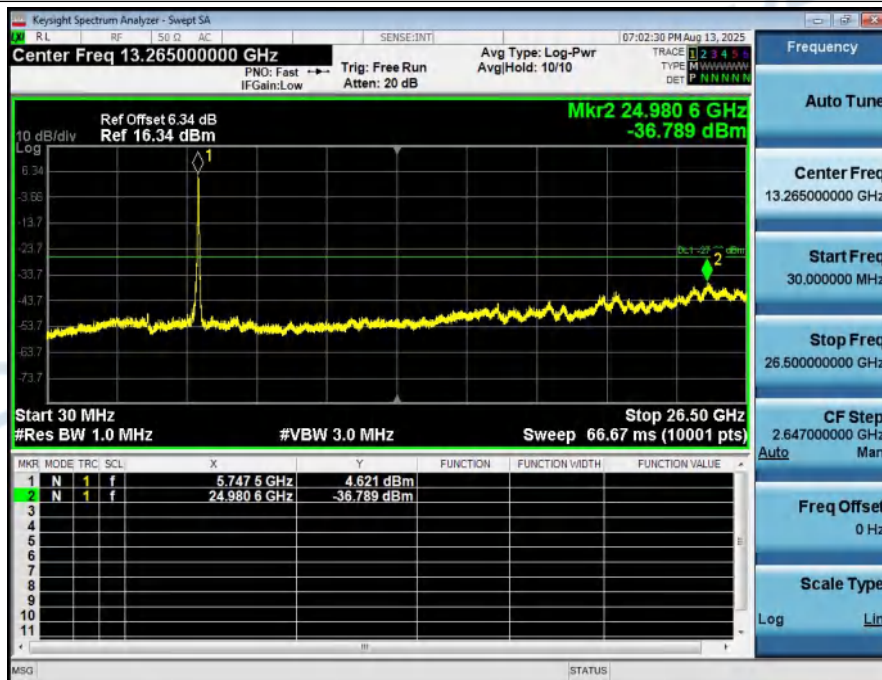
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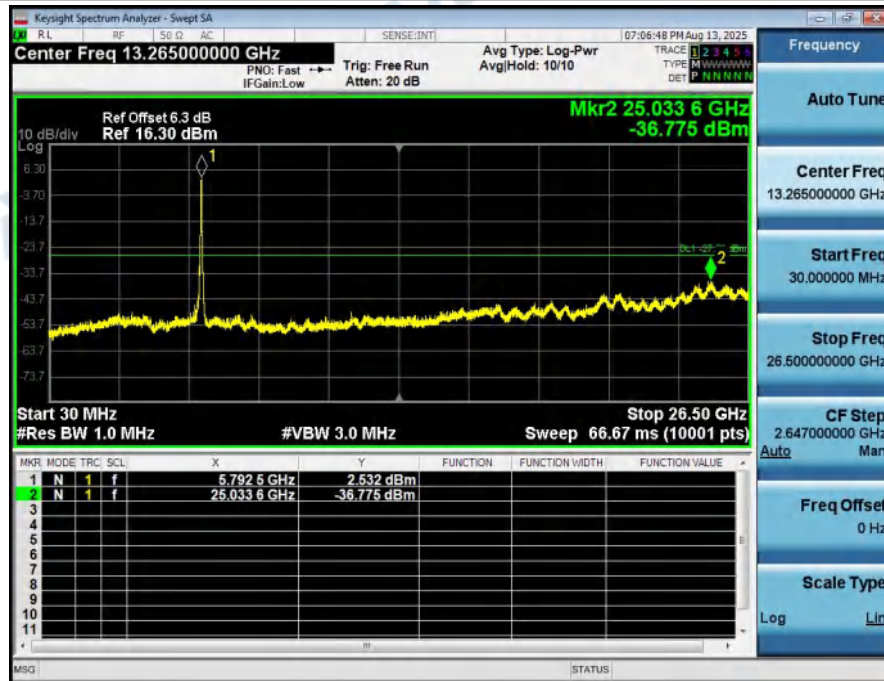
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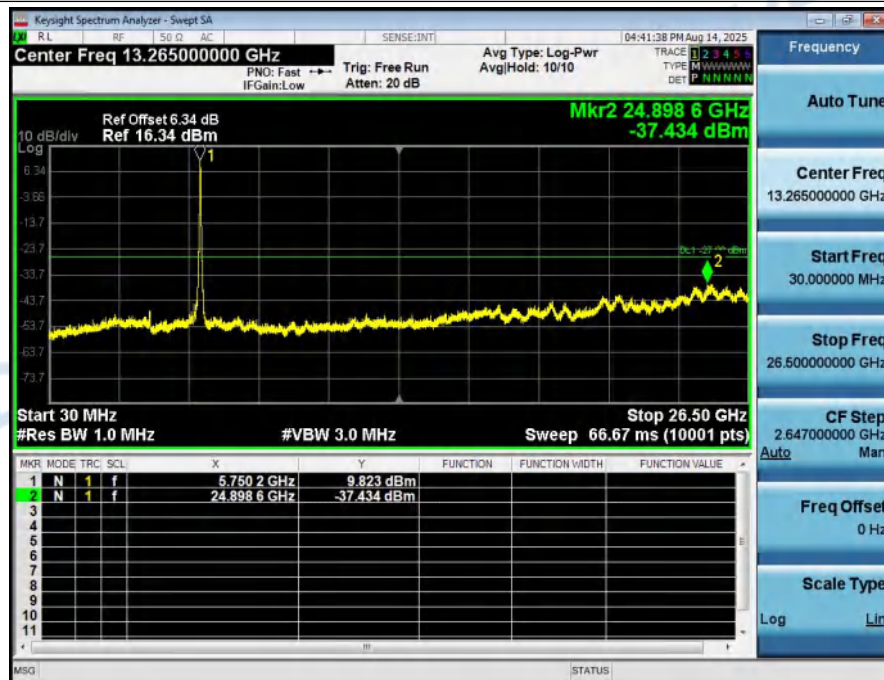
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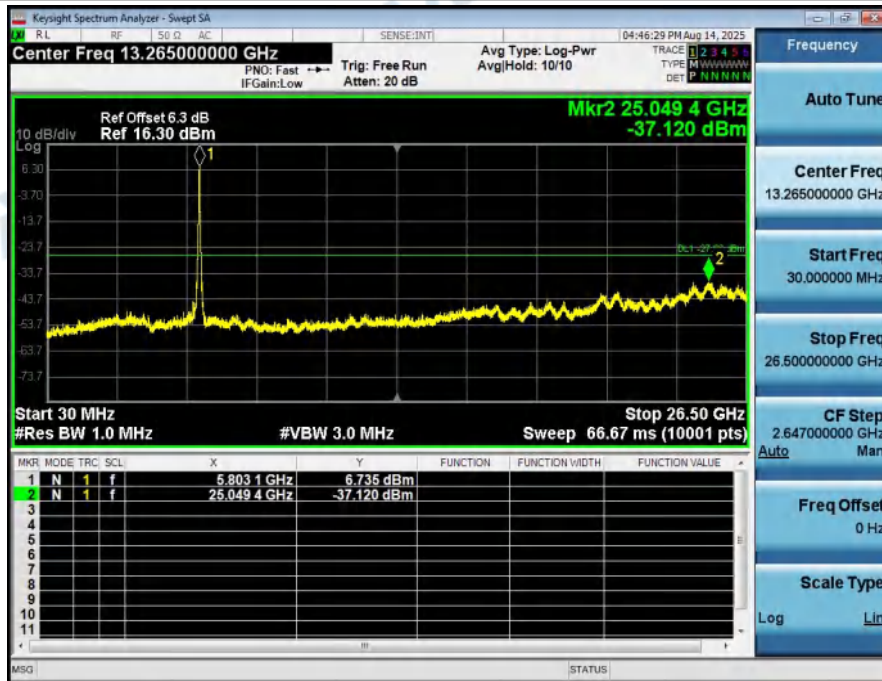
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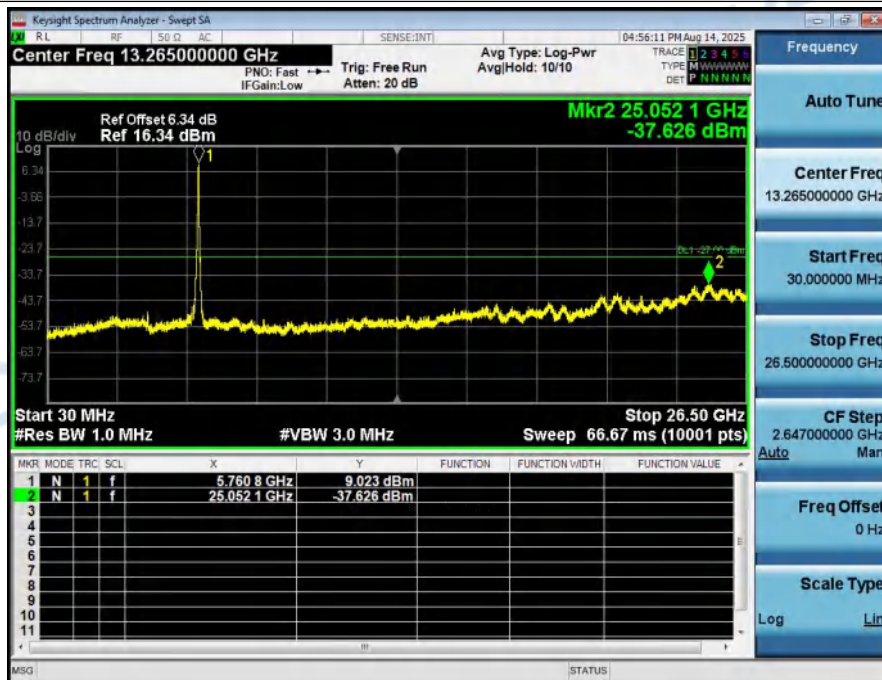
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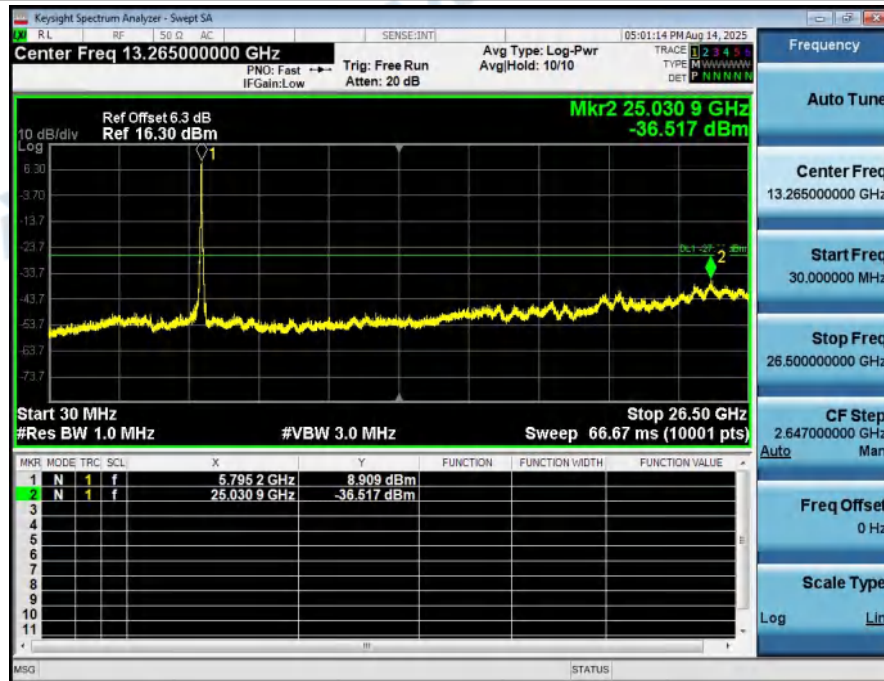
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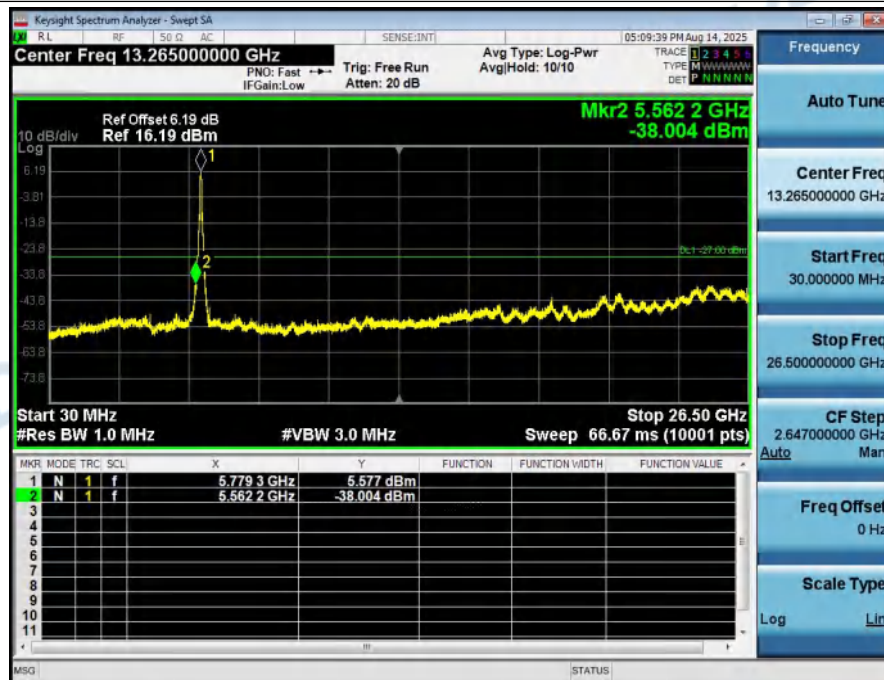
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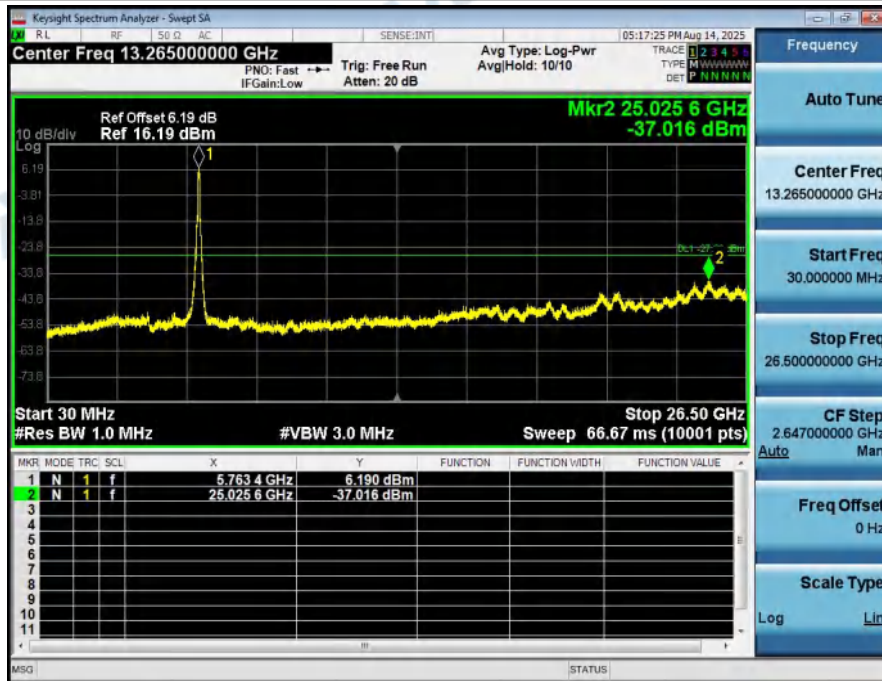
Spurious_Emission_NVNT_ANT1_802_11ax(HE40)_5795



Spurious_Emission_NVNT_ANT1_802_11ac(VHT80)_5775



Spurious_Emission_NVNT_ANT1_802_11ax(HE80)_5775



8. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
55degrees C&&3.80V	ANT1	802.11a	5745.00	5744.824	5730.428	5759.220	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11a	5745.00	5744.652	5732.916	5756.388	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11a	5745.00	5744.582	5734.496	5754.668	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5745.00	5744.696	5735.772	5753.620	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11a	5745.00	5744.926	5736.504	5753.348	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11a	5745.00	5744.932	5736.724	5753.140	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11a	5745.00	5744.974	5736.844	5753.104	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11a	5745.00	5744.958	5736.924	5752.992	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5745.00	5744.952	5736.984	5752.920	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5745.00	5744.946	5737.044	5752.848	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5745.00	5744.932	5737.116	5752.748	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11a	5785.00	5784.588	5770.044	5799.132	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11a	5785.00	5784.374	5772.376	5796.372	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11a	5785.00	5784.406	5774.204	5794.608	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5785.00	5784.582	5775.544	5793.620	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11a	5785.00	5784.888	5776.452	5793.324	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11a	5785.00	5784.946	5776.720	5793.172	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11a	5785.00	5784.960	5776.832	5793.088	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11a	5785.00	5784.948	5776.908	5792.988	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5785.00	5784.964	5776.984	5792.944	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5785.00	5784.956	5777.052	5792.860	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5785.00	5784.940	5777.132	5792.748	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11a	5825.00	5824.734	5810.536	5838.932	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11a	5825.00	5824.226	5812.760	5835.692	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11a	5825.00	5824.532	5814.660	5834.404	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5825.00	5824.626	5815.808	5833.444	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11a	5825.00	5824.874	5816.488	5833.260	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11a	5825.00	5824.922	5816.720	5833.124	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11a	5825.00	5824.944	5816.808	5833.080	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11a	5825.00	5824.934	5816.896	5832.972	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5825.00	5824.934	5816.976	5832.892	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5825.00	5824.892	5817.032	5832.752	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5825.00	5824.926	5817.092	5832.760	5725~5850	Pass