

Report No.: NCT25035814E1-3
FCC ID:2BR65-G27F
FCC_5.8G_WIFI (Part15.407) Test Data

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1. -6dB Emission Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	16.393	0.500	Pass
NVNT	ANT1	802.11a	5785.00	16.372	0.500	Pass
NVNT	ANT1	802.11a	5825.00	16.367	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	17.409	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	17.335	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	17.419	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	17.612	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	17.566	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	17.261	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	35.912	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	35.894	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	35.942	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	36.238	0.500	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	75.985	0.500	Pass

-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5745_20M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5785_20M



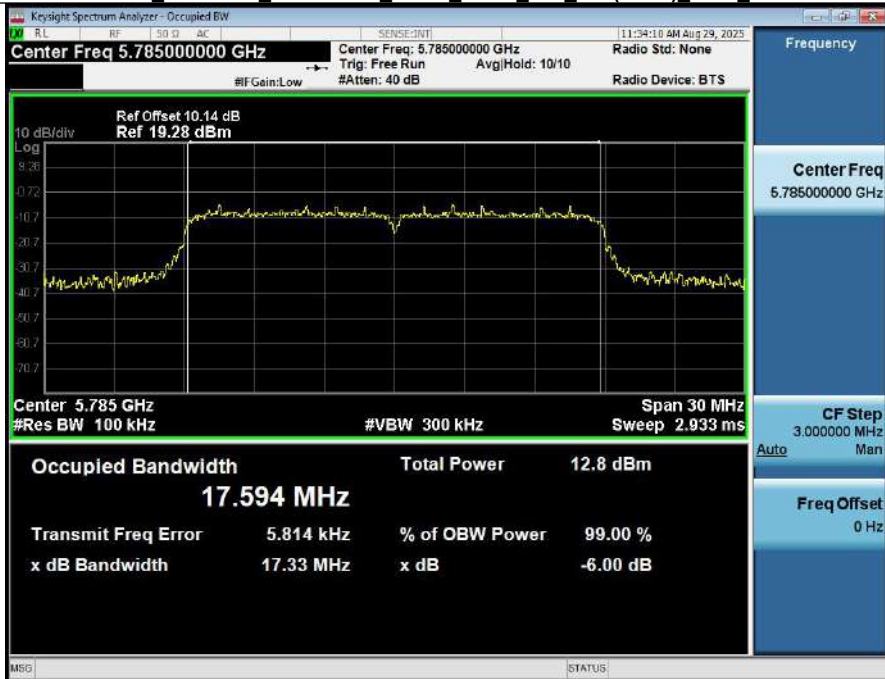
-6dB Emission Bandwidth NVNT ANT1 802 11a 5825 20M



-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



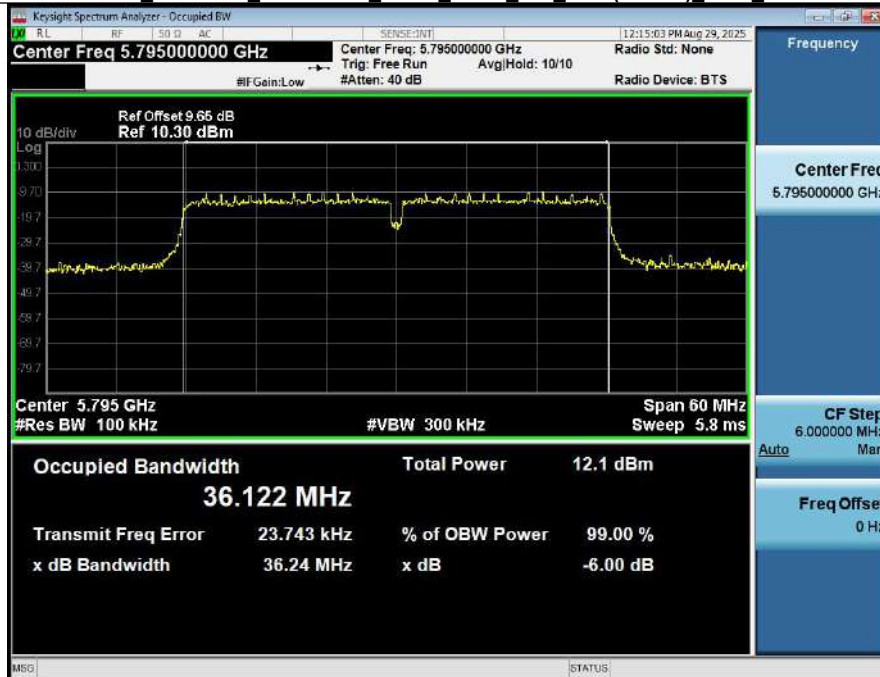
-6dB Emission Bandwidth NVNT ANT1 802_11n(HT40)_5795_40M



-6dB Emission Bandwidth NVNT ANT1 802_11ac(VHT40)_5755_40M



-6dB Emission Bandwidth NVNT_ANT1_802_11ac(VHT40)_5795_40M

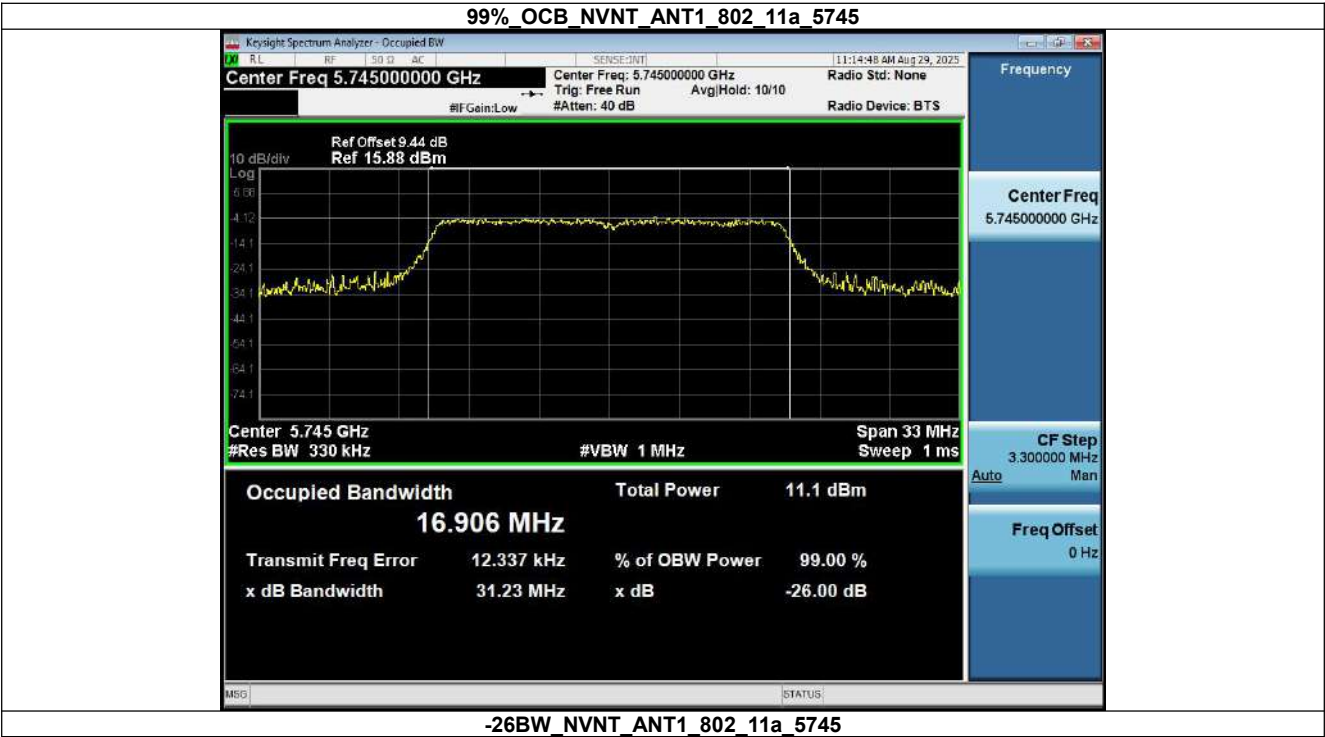


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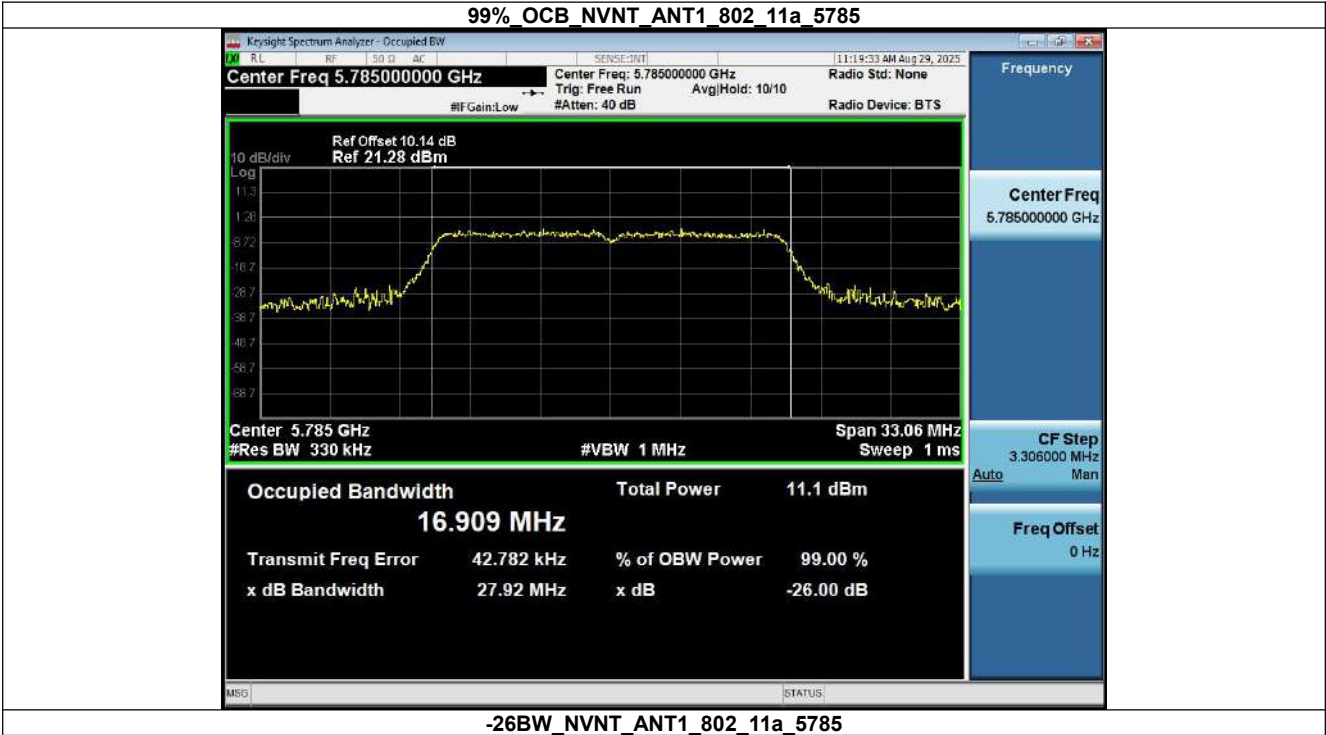
2. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	29.58	16.91
NVNT	ANT1	802.11a	5785.00	27.51	16.91
NVNT	ANT1	802.11a	5825.00	27.31	16.86
NVNT	ANT1	802.11n(HT20)	5745.00	31.30	17.90
NVNT	ANT1	802.11n(HT20)	5785.00	28.72	17.88
NVNT	ANT1	802.11n(HT20)	5825.00	29.22	17.80
NVNT	ANT1	802.11ac(VHT20)	5745.00	33.97	17.91
NVNT	ANT1	802.11ac(VHT20)	5785.00	29.36	17.85
NVNT	ANT1	802.11ac(VHT20)	5825.00	29.69	17.83
NVNT	ANT1	802.11n(HT40)	5755.00	50.95	36.49
NVNT	ANT1	802.11n(HT40)	5795.00	48.16	36.55
NVNT	ANT1	802.11ac(VHT40)	5755.00	47.25	36.47
NVNT	ANT1	802.11ac(VHT40)	5795.00	49.33	36.56
NVNT	ANT1	802.11ac(VHT80)	5775.00	173.61	76.27



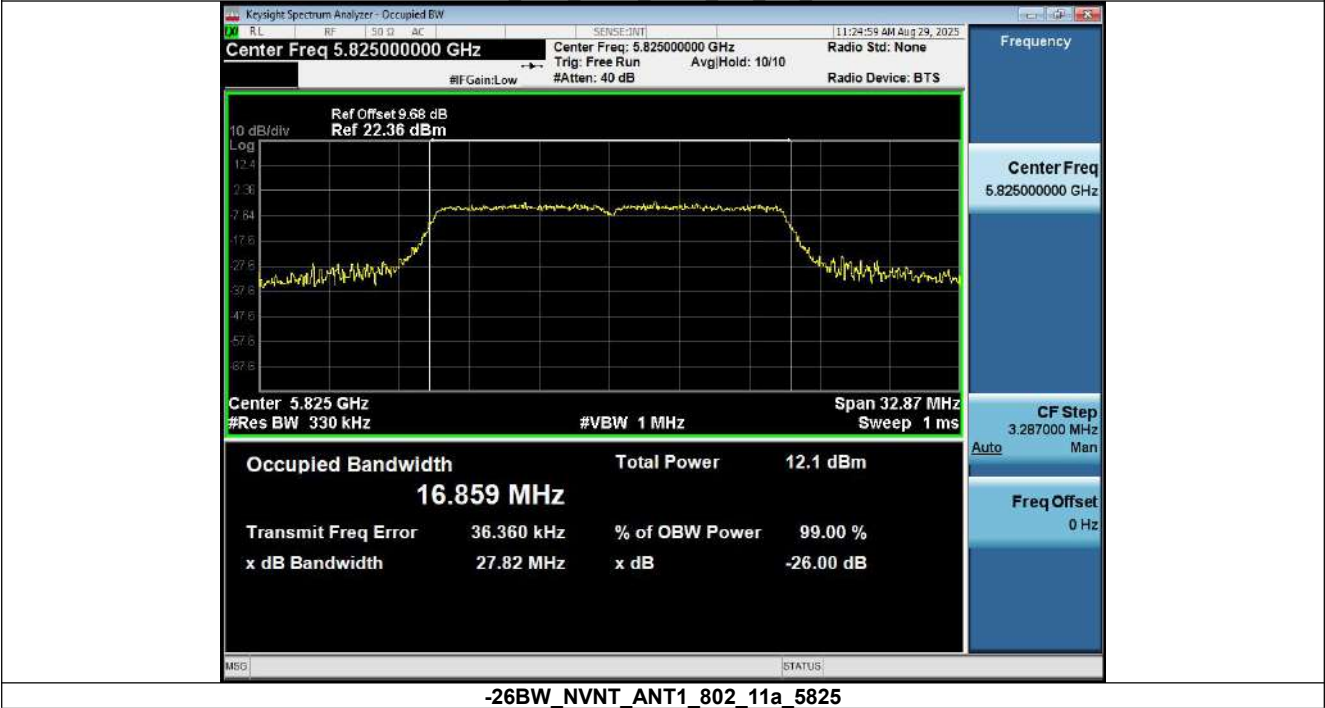


99% OCB NVNT_ANT1_802_11a_5785



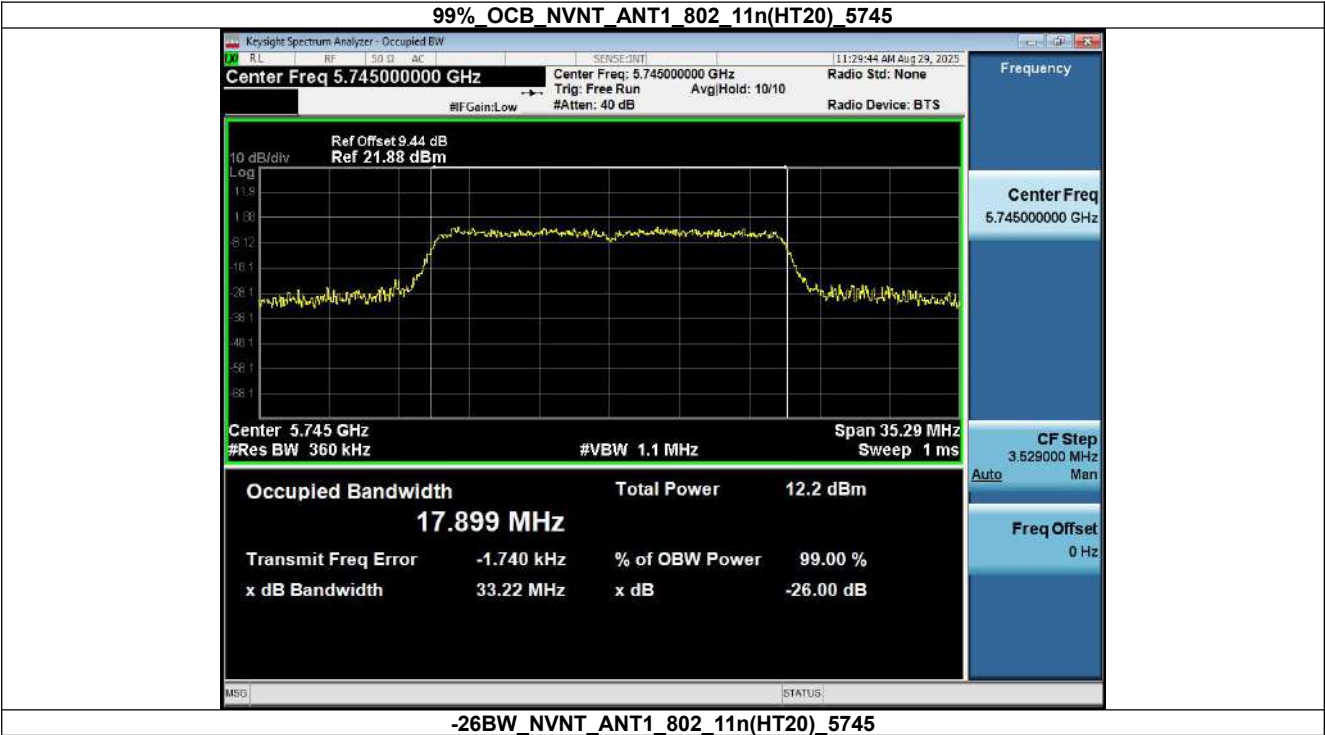


99% OCB NVNT_ANT1_802_11a_5825



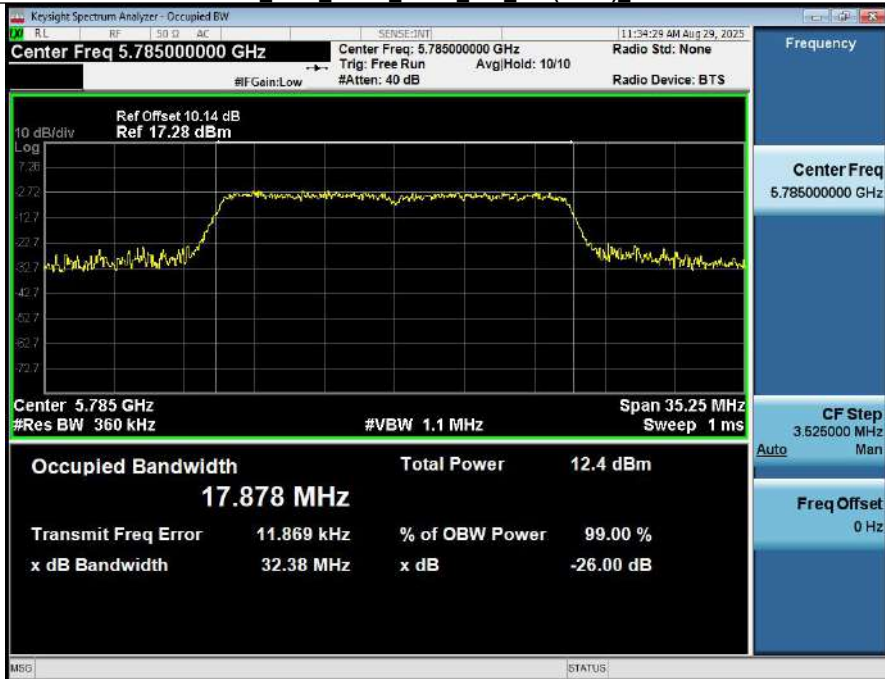


99%_OCB_NVNT_ANT1_802_11n(HT20)_5745





99%_OCB_NVNT_ANT1_802_11n(HT20)_5785



-26BW_NVNT_ANT1_802_11n(HT20)_5785



99%_OCB_NVNT_ANT1_802_11n(HT20)_5825



-26BW_NVNT_ANT1_802_11n(HT20)_5825



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



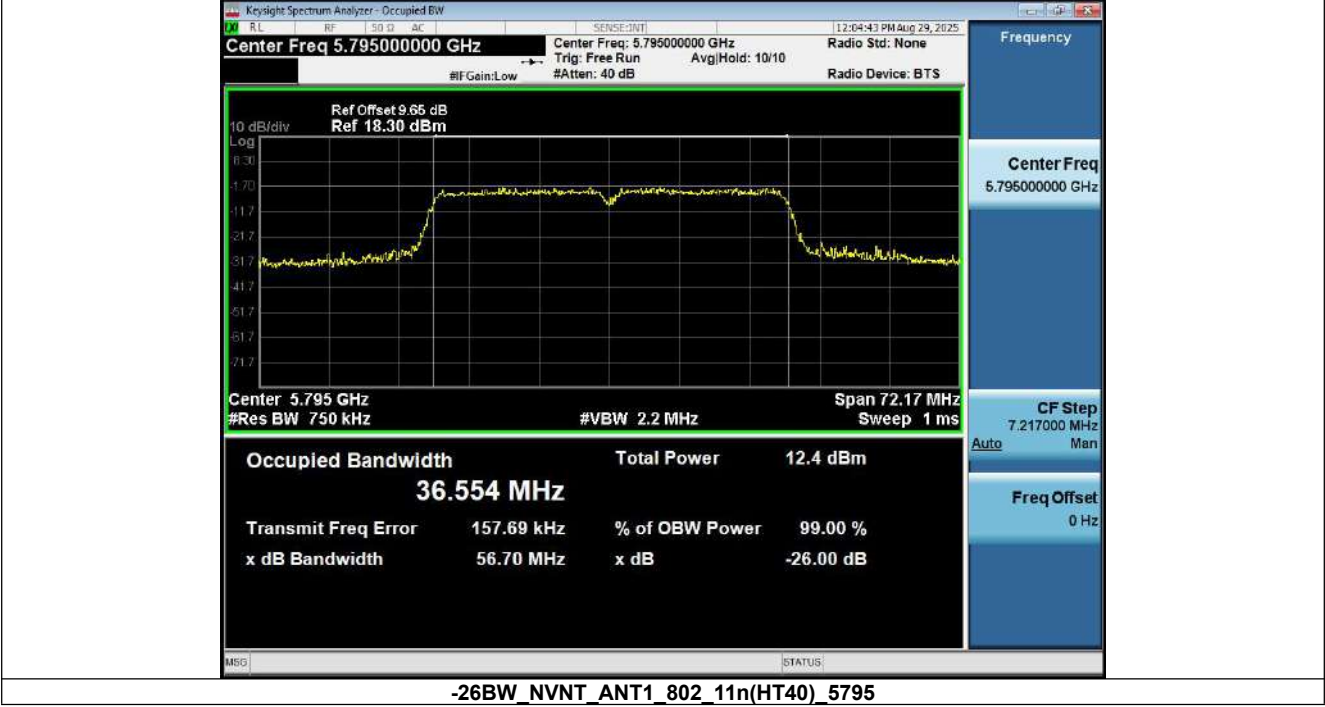
99%_OCB_NVNT_ANT1_802_11n(HT40)_5755



-26BW_NVNT_ANT1_802_11n(HT40)_5755



99%_OCB_NVNT_ANT1_802_11n(HT40)_5795





99% OCB NVNT ANT1 802 11ac(VHT40) 5755



-26BW NVNT ANT1 802 11ac(VHT40) 5755



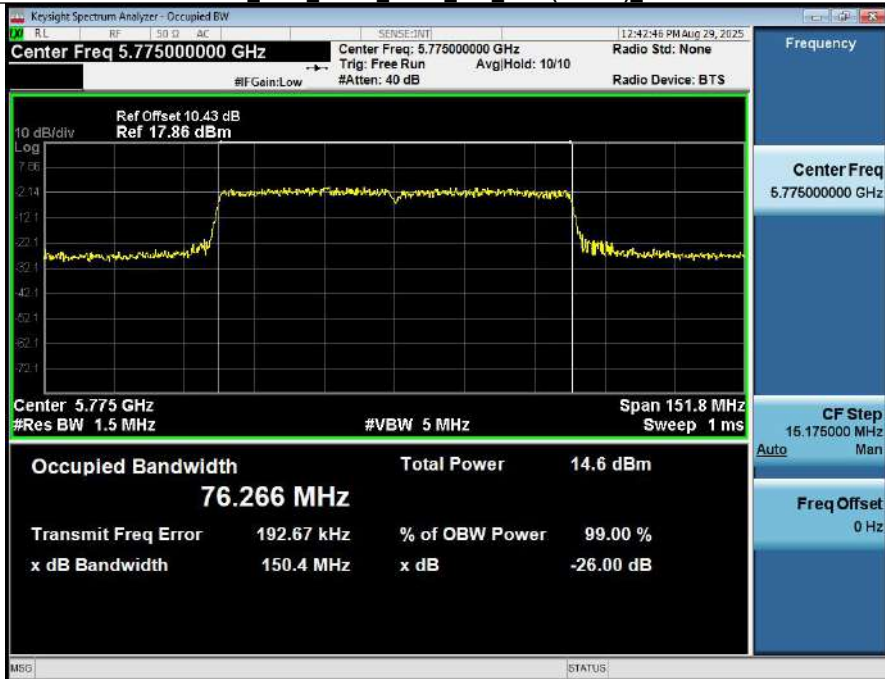
99% OCB NVNT ANT1 802 11ac(VHT40) 5795



-26BW NVNT ANT1 802 11ac(VHT40) 5795



99% OCB NVNT ANT1 802 11ac(VHT80) 5775



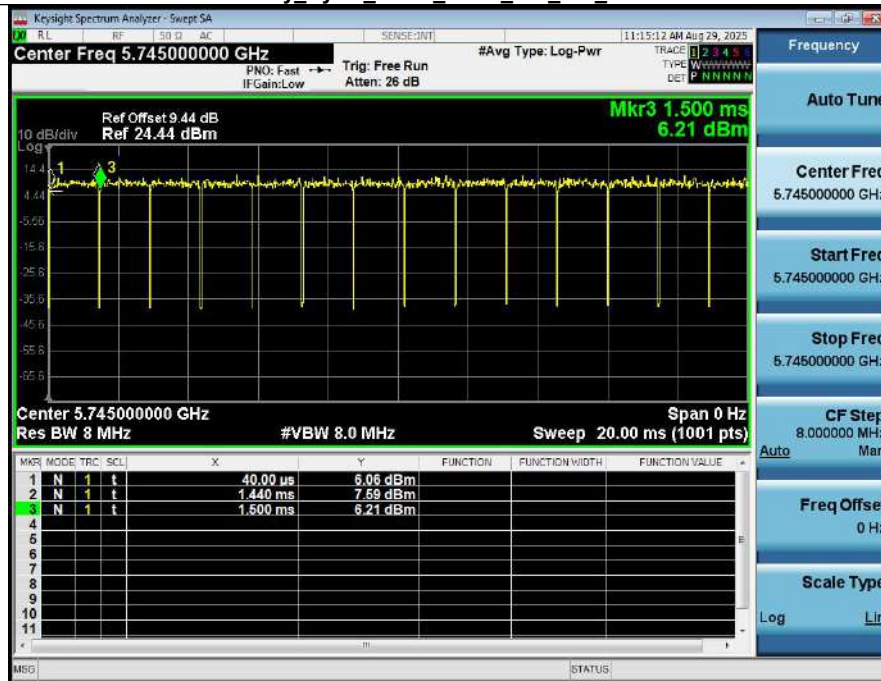
-26BW NVNT ANT1 802 11ac(VHT80) 5775



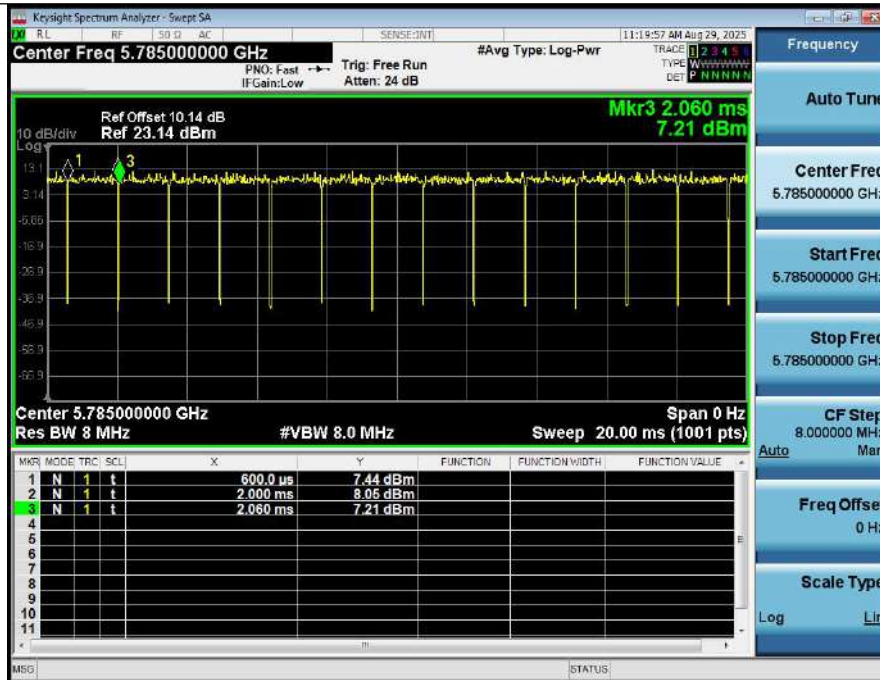
3. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	95.89	0.18
NVNT	ANT1	802.11a	5785.00	95.89	0.18
NVNT	ANT1	802.11a	5825.00	95.89	0.18
NVNT	ANT1	802.11n(HT20)	5745.00	95.16	0.22
NVNT	ANT1	802.11n(HT20)	5785.00	95.16	0.22
NVNT	ANT1	802.11n(HT20)	5825.00	95.16	0.22
NVNT	ANT1	802.11ac(VHT20)	5745.00	95.16	0.22
NVNT	ANT1	802.11ac(VHT20)	5785.00	95.16	0.22
NVNT	ANT1	802.11ac(VHT20)	5825.00	95.16	0.22
NVNT	ANT1	802.11n(HT40)	5755.00	90.63	0.43
NVNT	ANT1	802.11n(HT40)	5795.00	90.63	0.43
NVNT	ANT1	802.11ac(VHT40)	5755.00	90.63	0.43
NVNT	ANT1	802.11ac(VHT40)	5795.00	90.91	0.41
NVNT	ANT1	802.11ac(VHT80)	5775.00	83.33	0.79

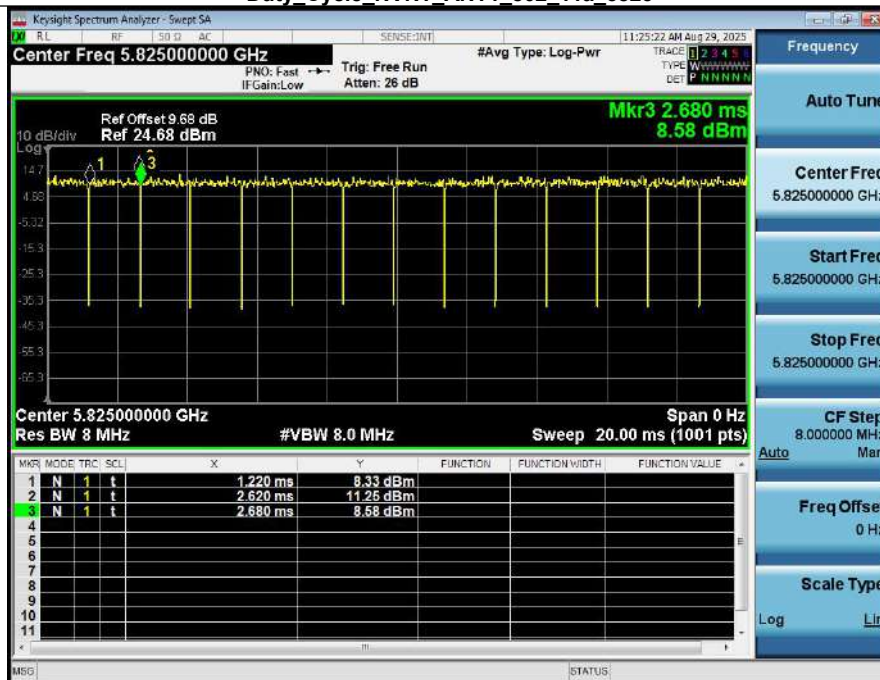
Duty_Cycle_NVNT_ANT1_802_11a_5745



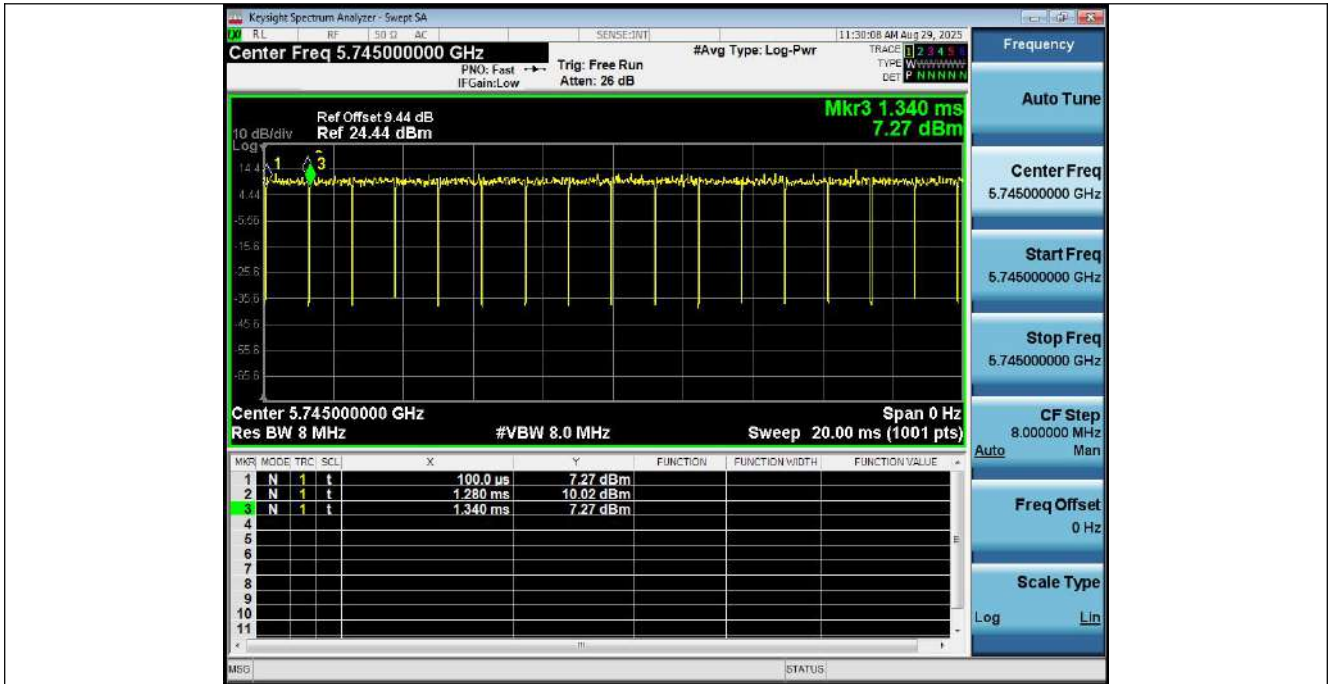
Duty_Cycle_NVNT_ANT1_802_11a_5785



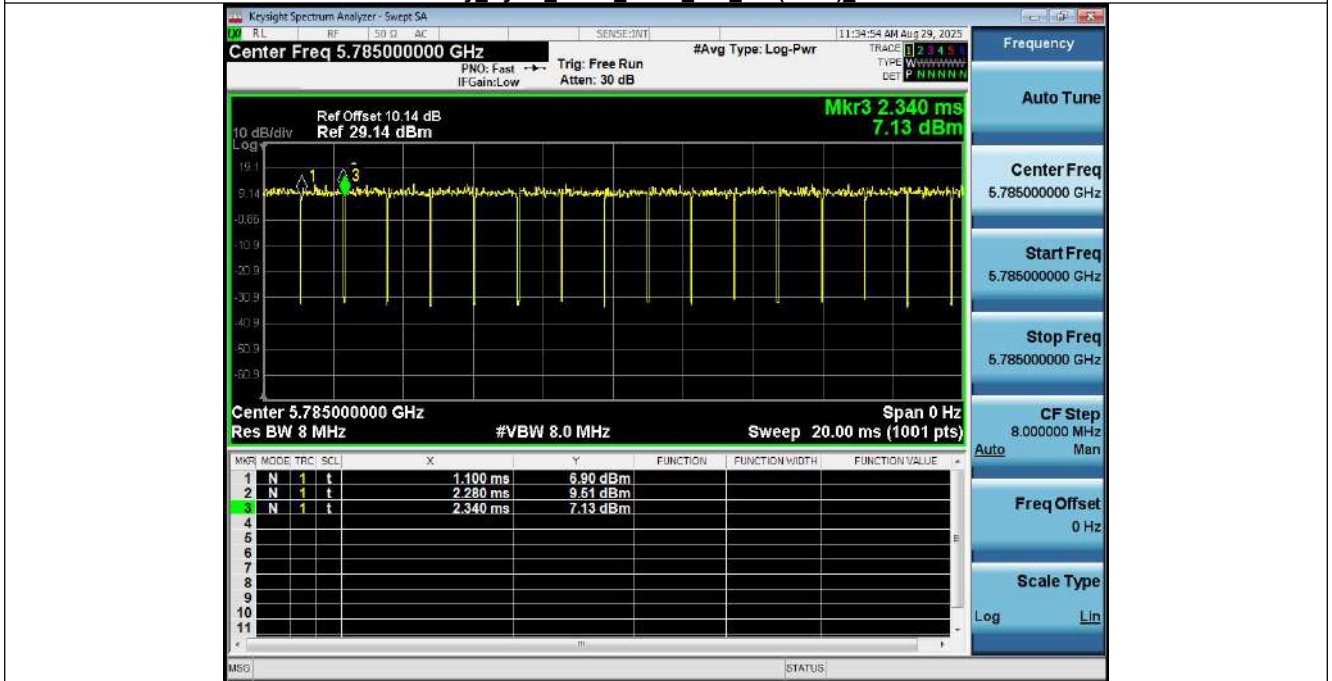
Duty_Cycle_NVNT_ANT1_802_11a_5825



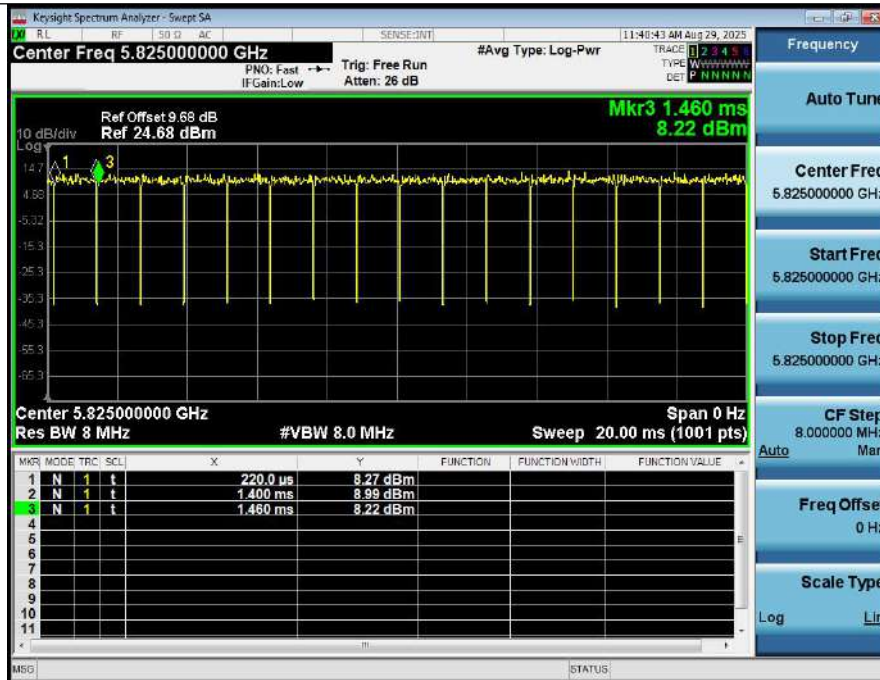
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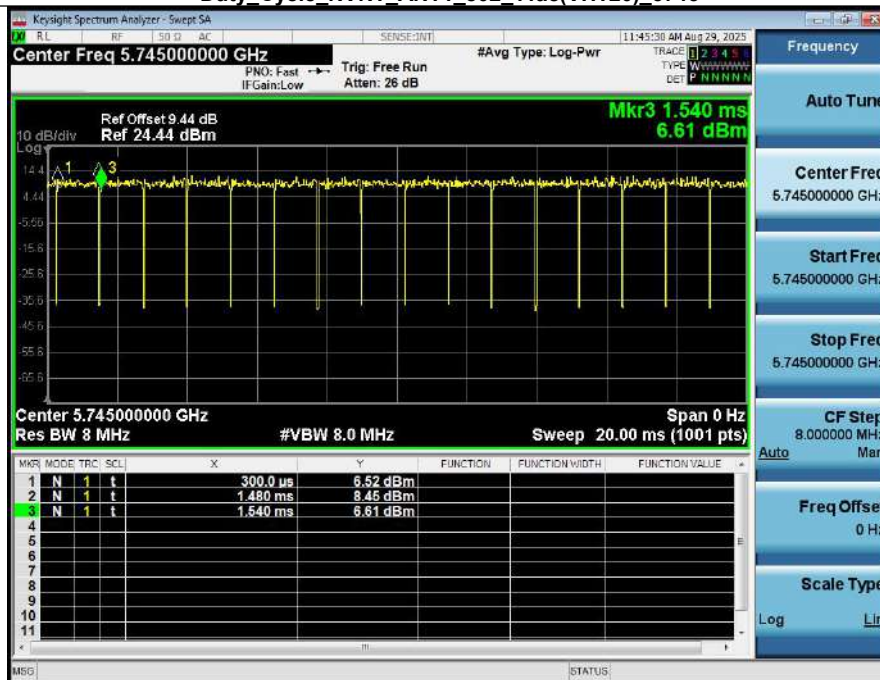
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5785



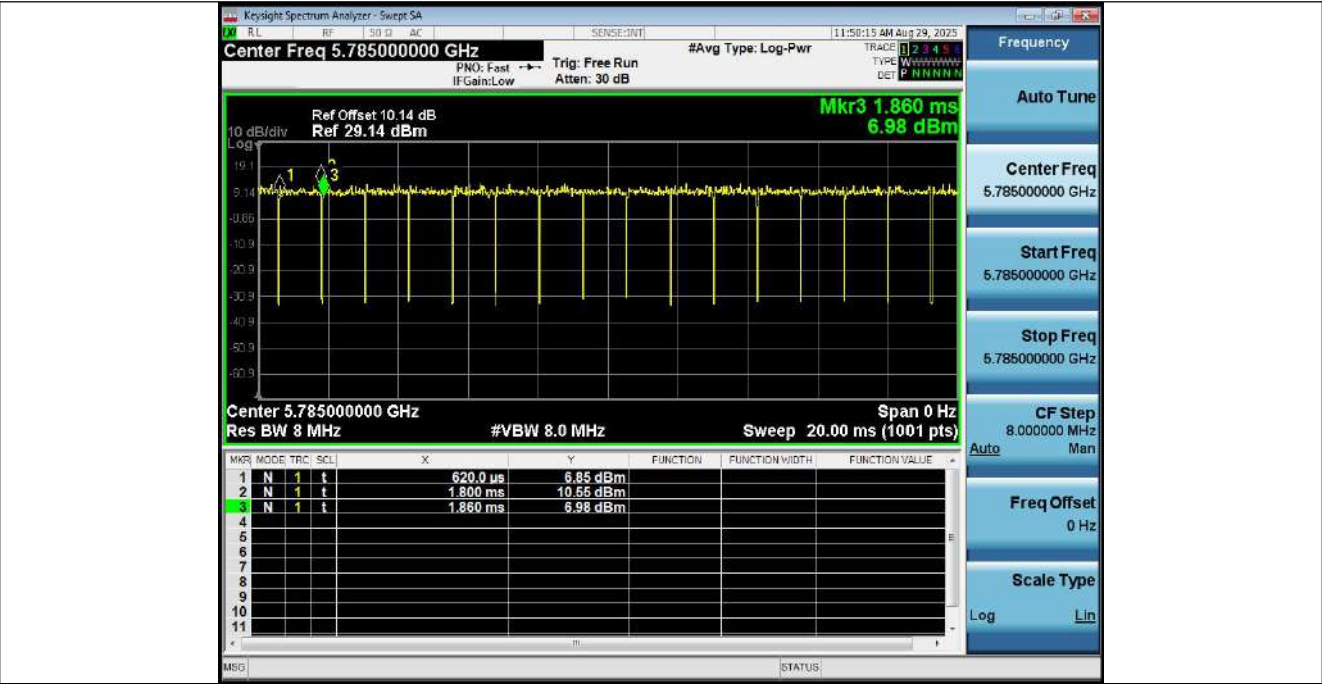
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5825



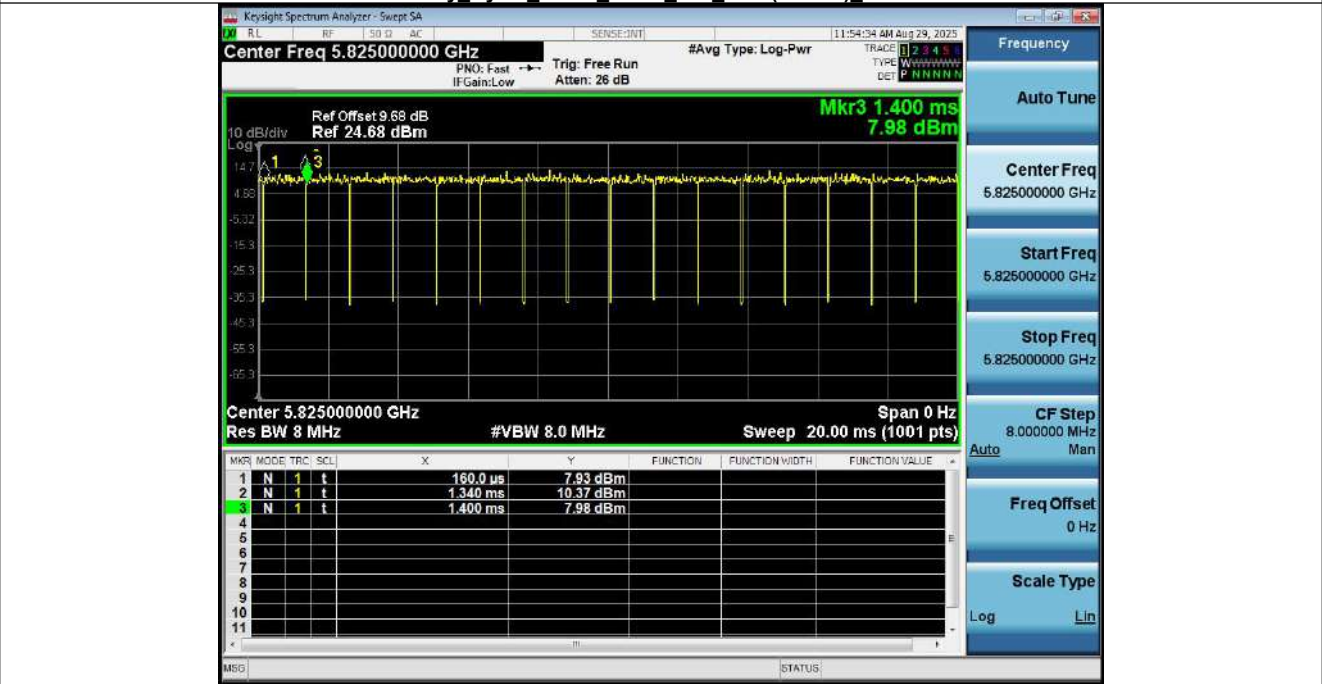
Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5745



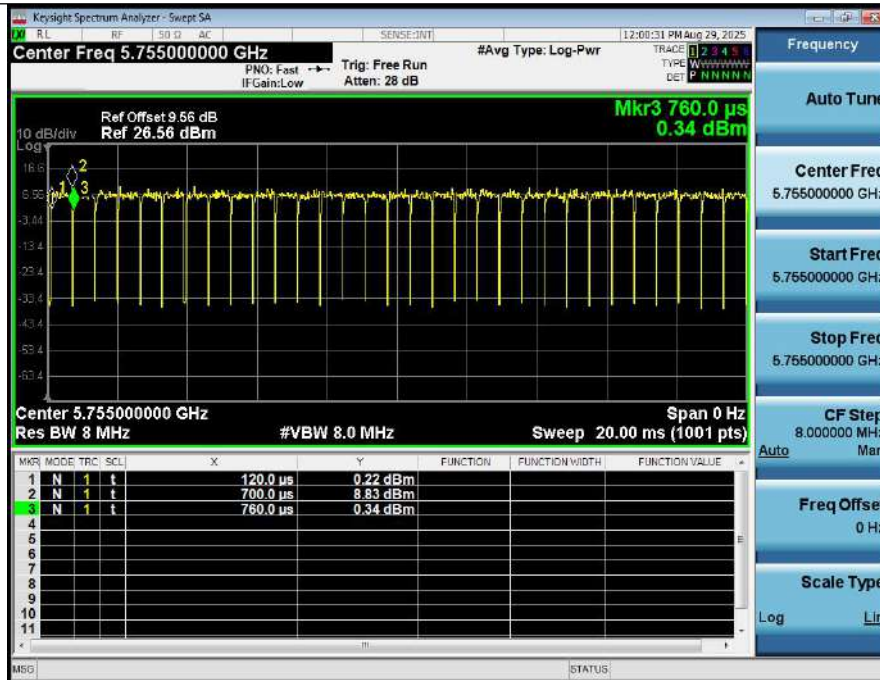
Duty_Cycle_NVNT_ANT1_802_11ac(VHT20)_5785



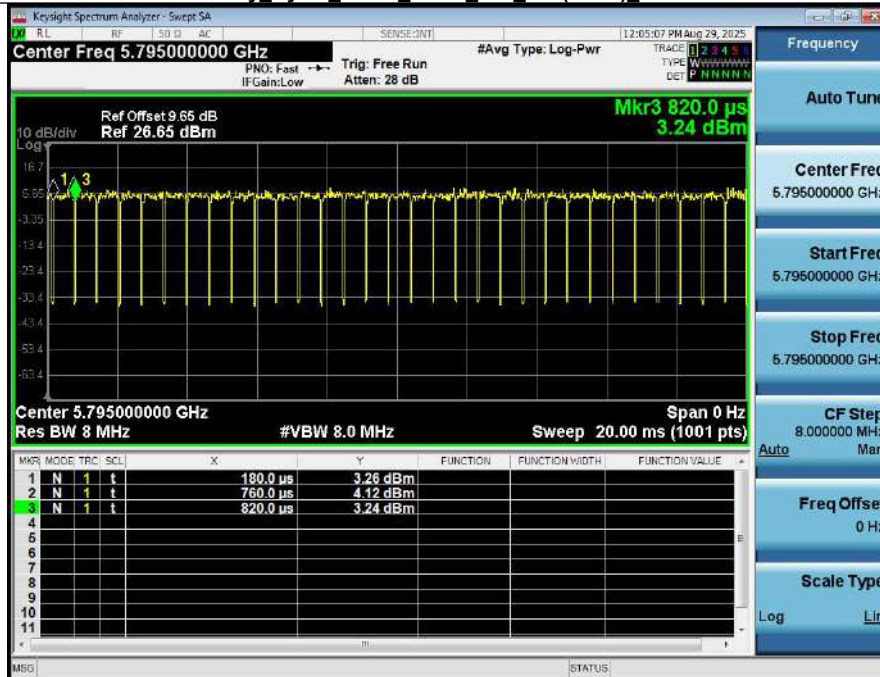
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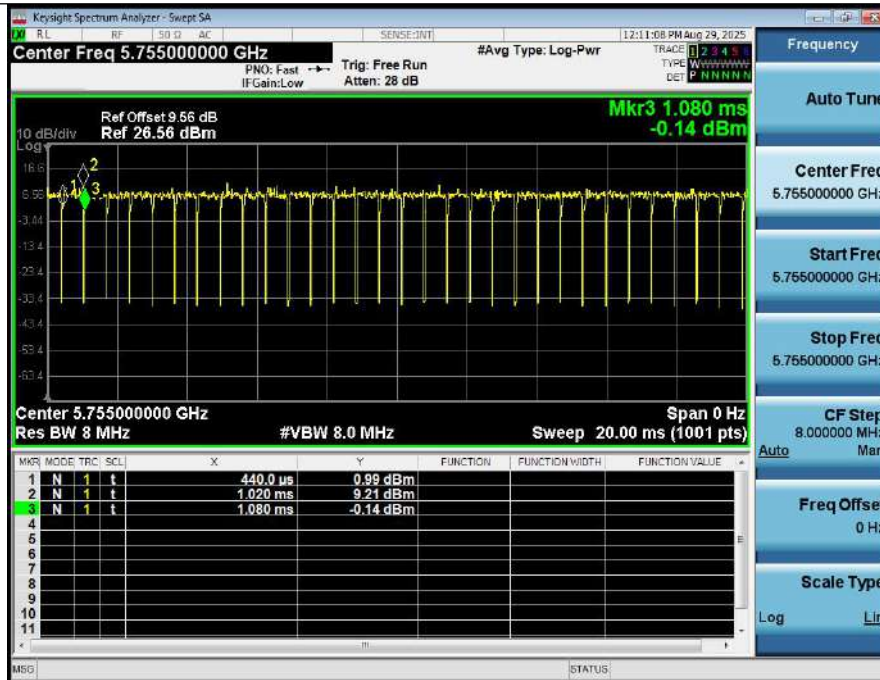
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5755



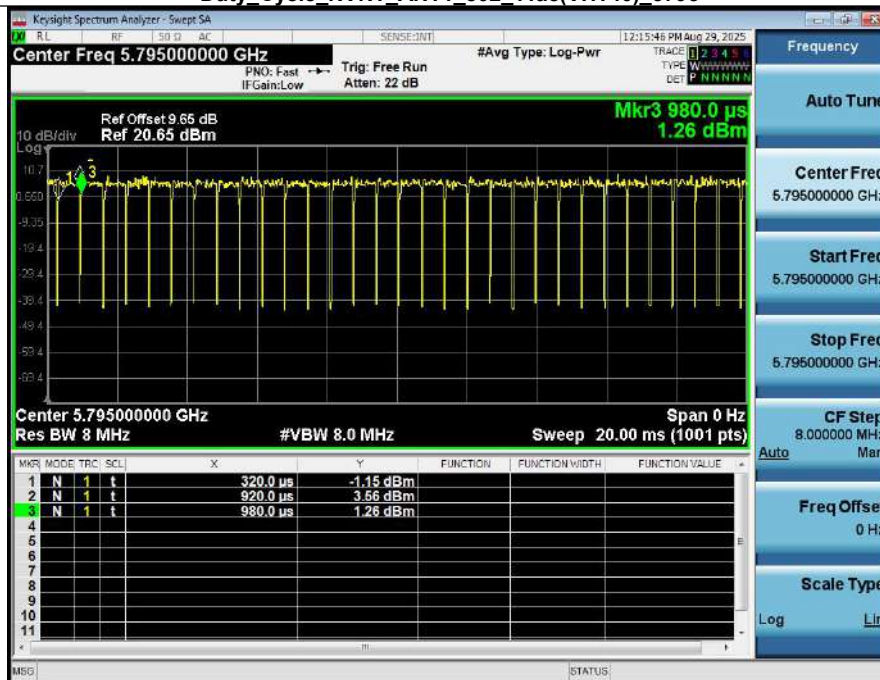
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5795



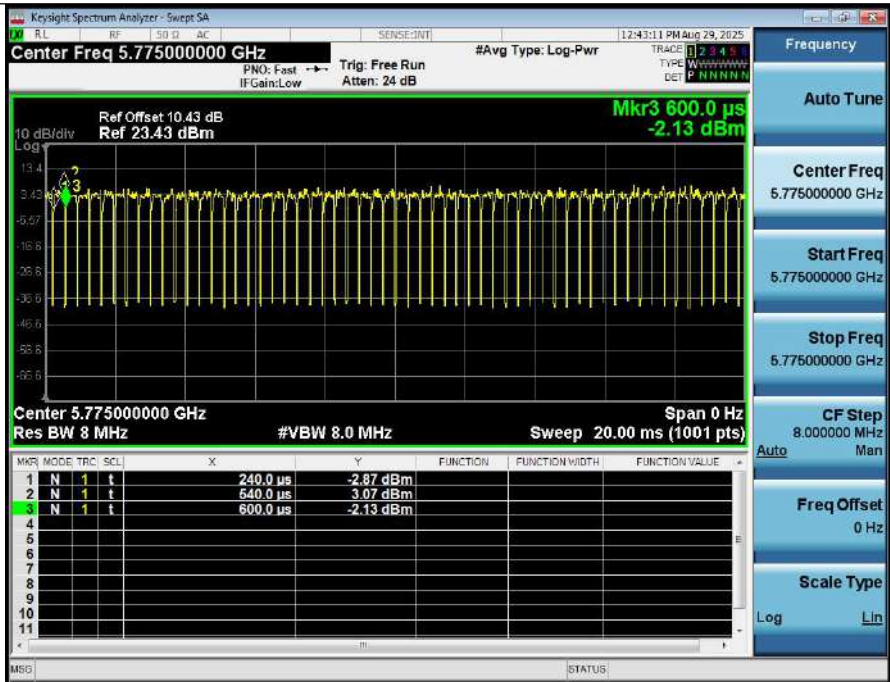
Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5755



Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5795



Duty_Cycle_NVNT_ANT1_802_11ac(VHT80)_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	4.58	0.00	4.58	30	Pass
NVNT	ANT1	802.11a	5785.00	4.57	0.18	4.75	30	Pass
NVNT	ANT1	802.11a	5825.00	5.58	0.18	5.76	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	5.37	0.22	5.59	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	5.55	0.22	5.77	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	6.01	0.22	6.23	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	5.31	0.22	5.53	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	5.56	0.22	5.78	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	5.88	0.22	6.10	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	4.98	0.43	5.41	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	4.63	0.43	5.06	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	5.11	0.43	5.54	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	4.52	0.41	4.93	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	5.36	0.79	6.15	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	-12.10	0.18	-0.09	-12.01	30	Pass
NVNT	ANT1	802.11a	5785.00	-12.73	0.18	-0.09	-12.64	30	Pass
NVNT	ANT1	802.11a	5825.00	-11.08	0.18	-0.09	-10.98	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-12.19	0.22	-0.09	-12.05	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-11.80	0.22	-0.09	-11.66	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-11.36	0.22	-0.09	-11.23	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-11.47	0.22	-0.09	-11.34	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-11.44	0.22	-0.09	-11.30	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-11.51	0.22	-0.09	-11.37	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-15.20	0.43	-0.09	-14.85	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-16.99	0.43	-0.09	-16.65	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-16.76	0.43	-0.09	-16.42	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-16.38	0.41	-0.09	-16.06	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-21.60	0.79	-0.09	-20.90	30	Pass



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_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

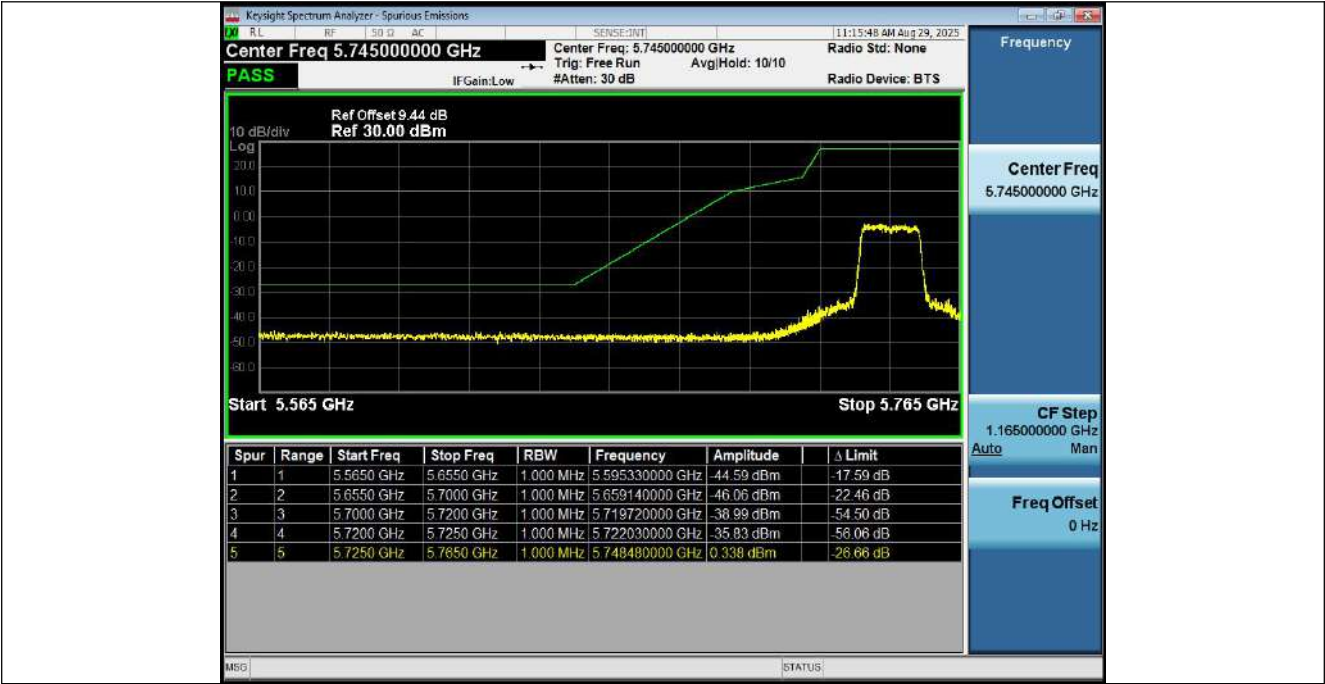


Power_Spectral_Density_NVNT_ANT1_802_11ac(VHT80)_5775

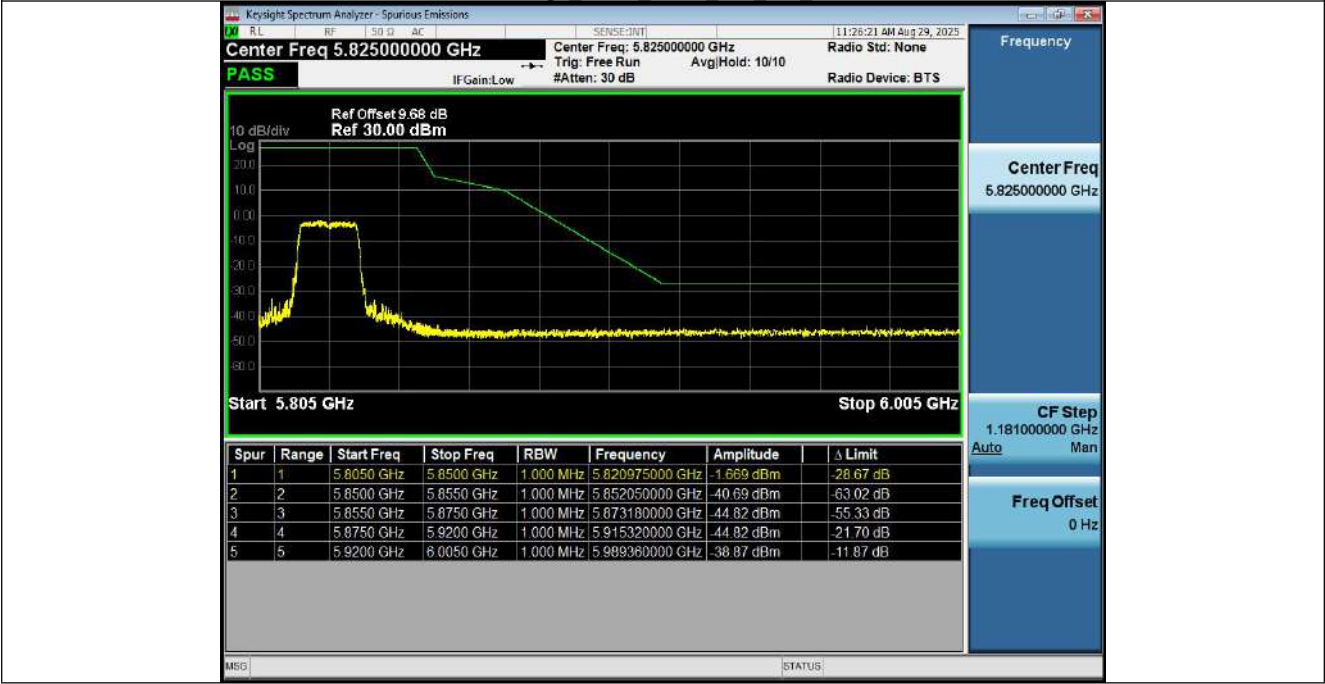
6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5595.330	-44.59	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5659.140	-46.06	-23.60	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5719.720	-38.99	15.52	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5722.030	-35.83	20.23	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5852.050	-40.69	22.33	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5873.180	-44.82	10.51	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5915.320	-44.82	-23.15	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5989.360	-38.87	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5583.090	-44.18	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5656.710	-45.33	-25.59	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5720.000	-36.40	15.60	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5723.640	-34.14	23.90	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5852.280	-39.68	21.80	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5869.040	-43.66	11.67	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5919.640	-44.17	-26.70	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5993.950	-39.96	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5565-5655	5569.950	-44.32	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5655-5700	5657.700	-44.65	-24.78	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5700-5720	5719.620	-37.63	15.49	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5720-5725	5722.685	-34.01	21.72	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5850-5855	5853.330	-40.26	19.41	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5855-5875	5860.880	-43.34	13.95	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5875-5920	5919.955	-44.08	-26.96	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5920-6005	5921.105	-39.36	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5631.840	-44.44	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5662.065	-44.79	-21.19	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5717.440	-39.27	14.88	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5720.785	-37.30	17.39	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5854.750	-43.91	16.17	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5869.860	-44.08	11.44	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5919.370	-44.46	-26.48	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5930.325	-40.32	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5595-5655	5601.120	-44.22	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5655-5700	5688.480	-44.53	0.53	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5700-5720	5717.940	-38.67	15.02	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5720-5725	5722.205	-36.81	20.63	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5850-5855	5854.665	-43.76	16.36	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5855-5875	5869.500	-44.19	11.54	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5875-5920	5917.120	-44.69	-24.63	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5920-5955	5950.870	-40.44	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5650-5655	5654.285	-43.16	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5655-5700	5682.900	-42.33	-4.06	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5700-5720	5719.000	-38.22	15.32	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5720-5725	5721.835	-37.18	19.78	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5850-5855	5853.530	-40.23	18.95	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5855-5875	5865.800	-39.99	12.58	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5875-5920	5904.205	-43.23	-14.01	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5920-5925	5921.745	-38.97	-27.00	Pass

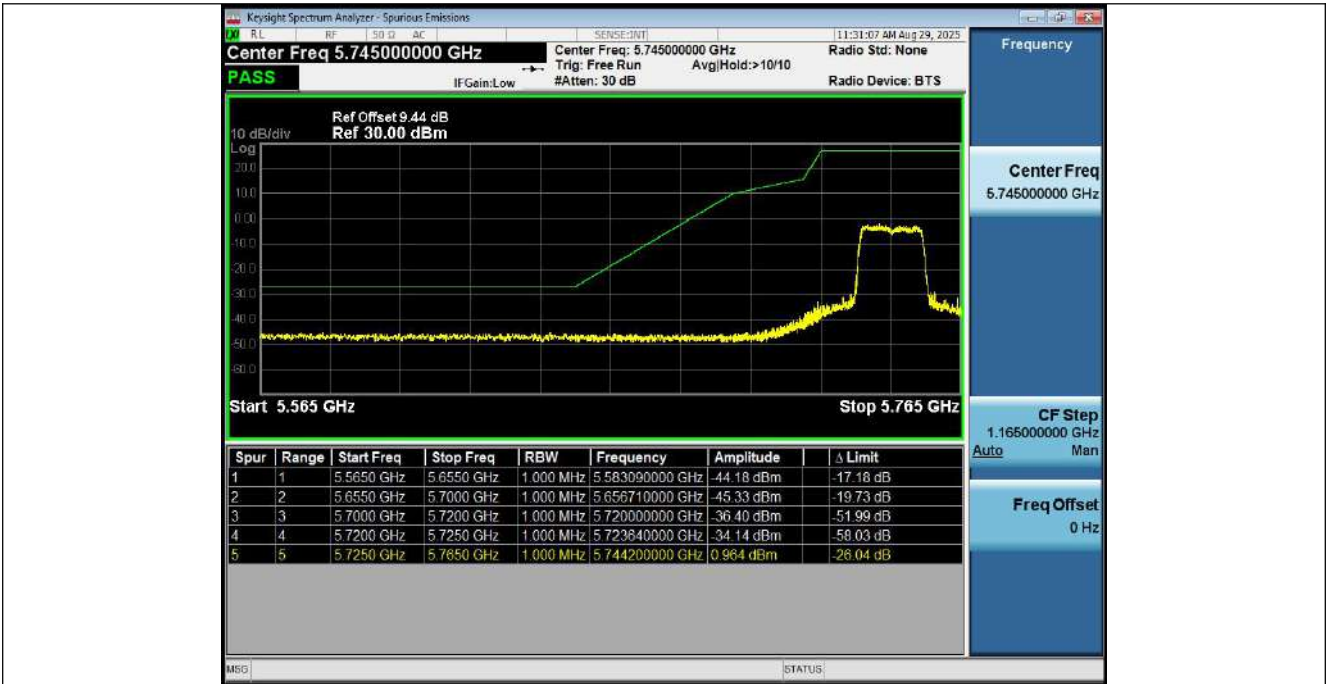
Bandedge_NVNT_ANT1_802_11a_5745



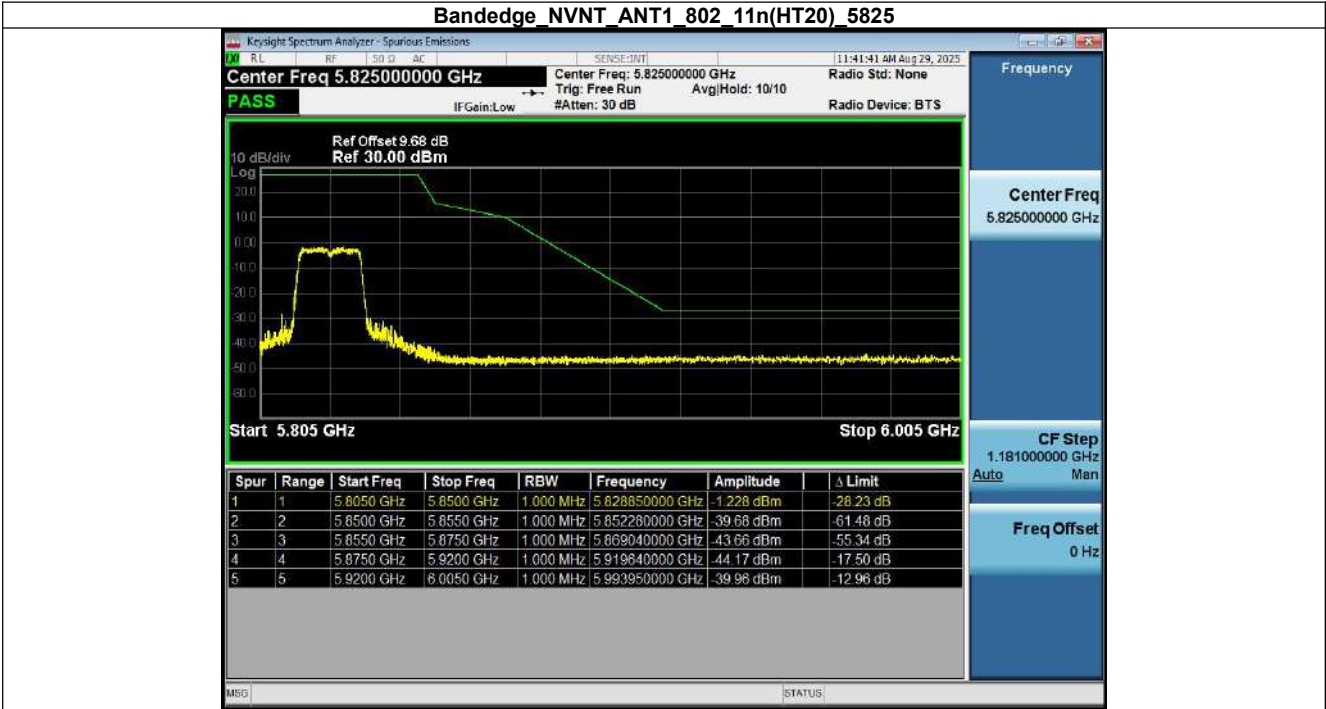
Bandedge_NVNT_ANT1_802_11a_5825



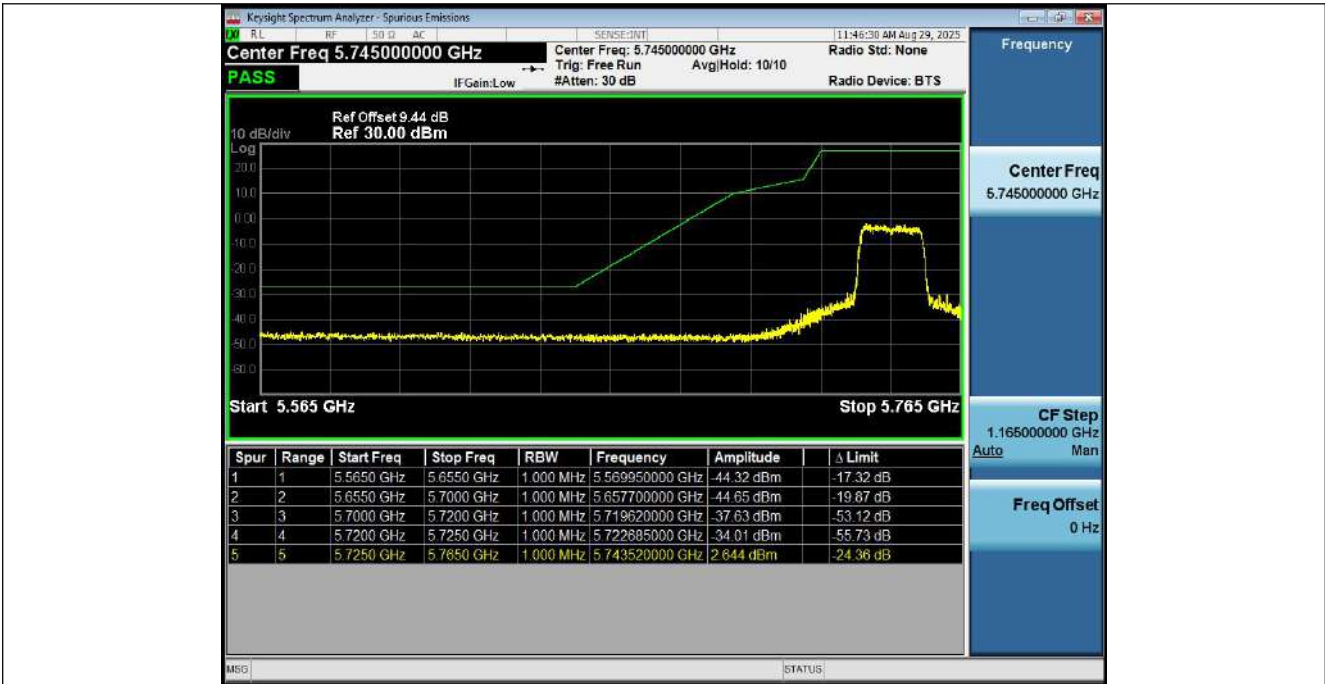
Bandedge_NVNT_ANT1_802_11n(HT20)_5745



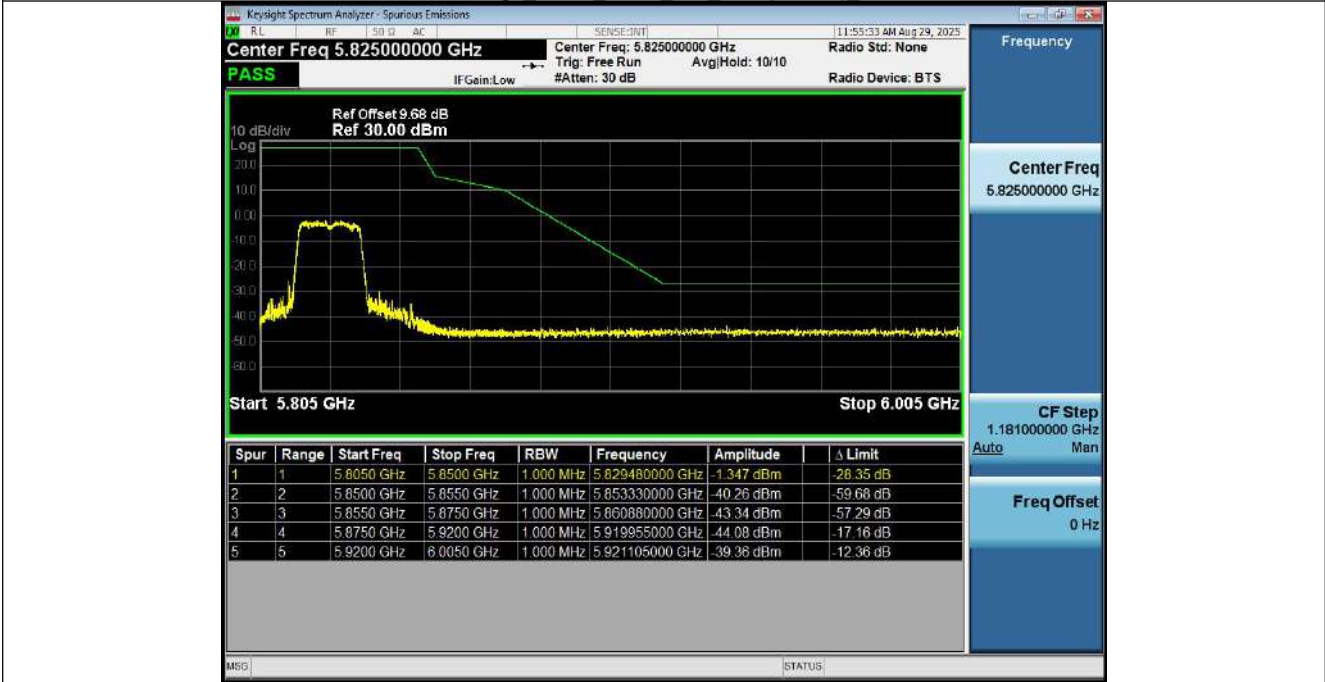
Bandedge_NVNT_ANT1_802_11n(HT20)_5825



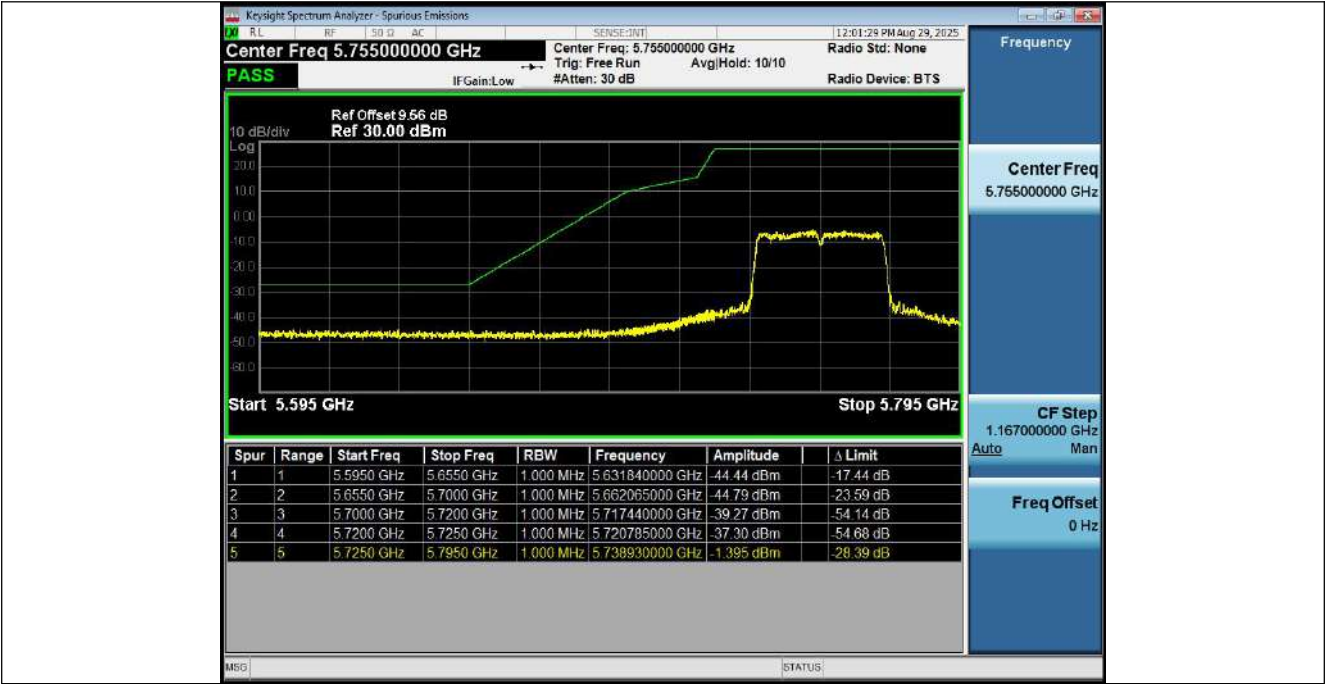
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5745



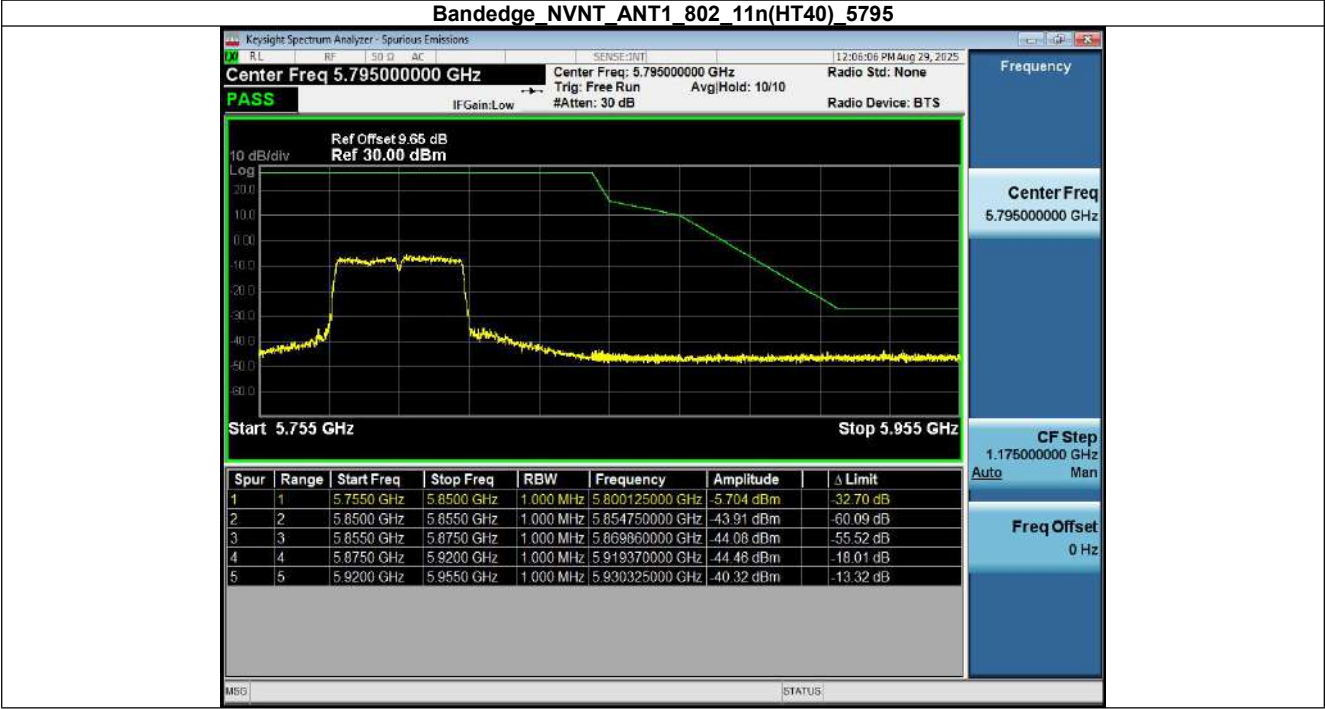
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5825



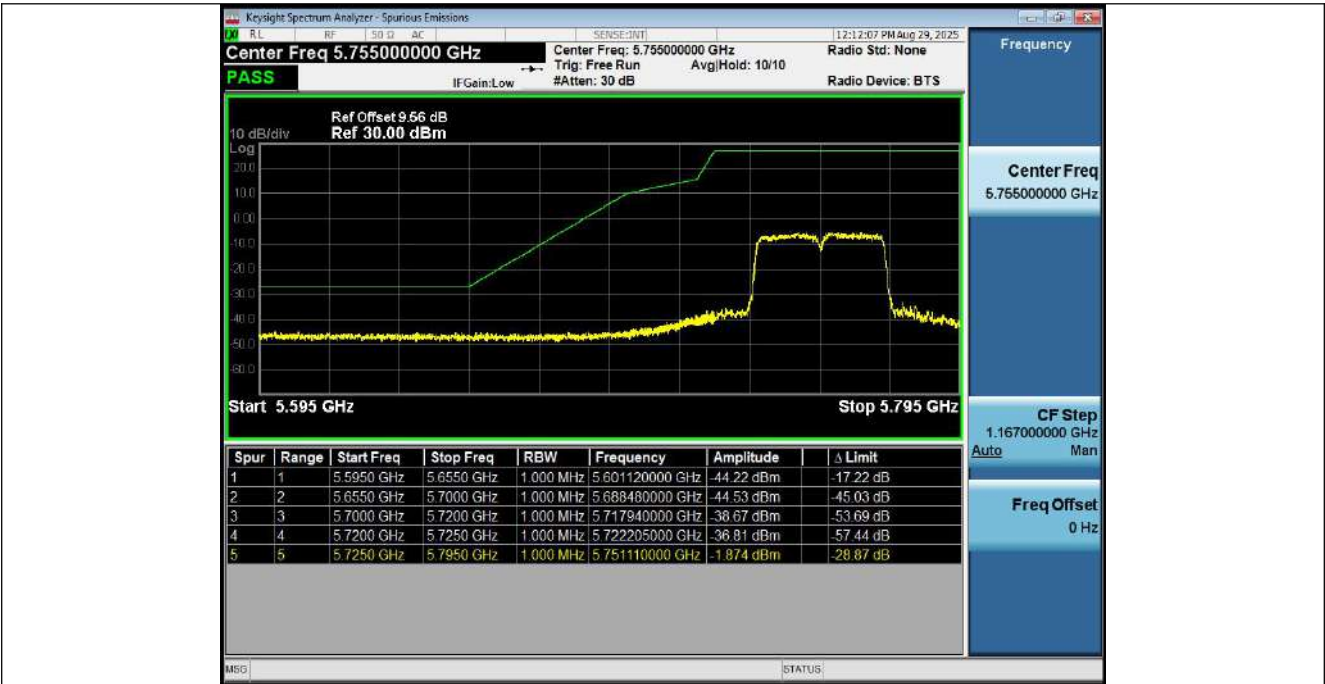
Bandedge_NVNT_ANT1_802_11n(HT40)_5755



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_11ac(VHT80)_5775_low



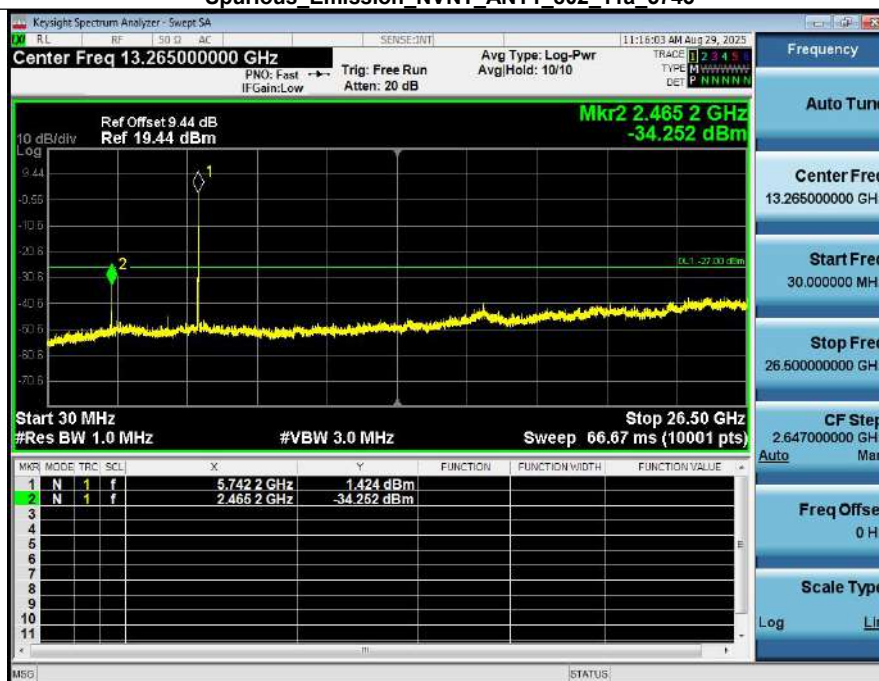
Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_up



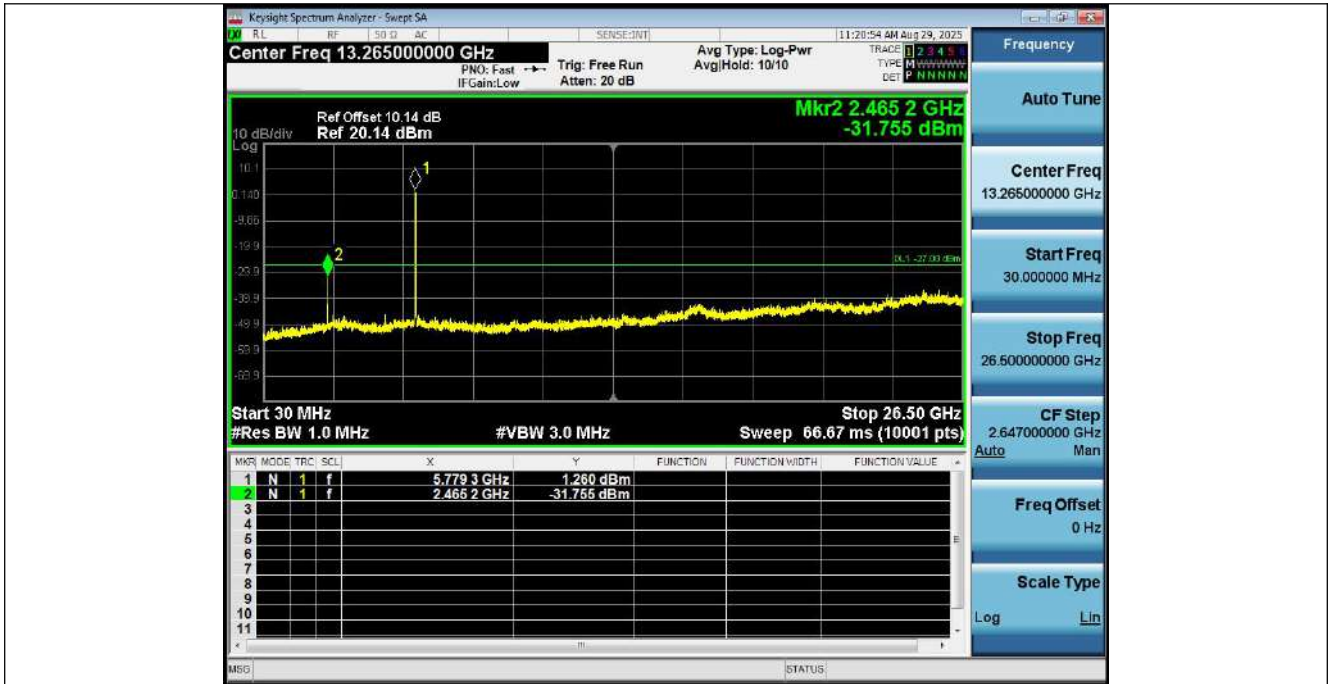
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	2465.24	-34.25	-27	Pass
NVNT	ANT1	802.11a	5785.00	2465.24	-31.76	-27	Pass
NVNT	ANT1	802.11a	5825.00	25756.19	-36.65	-27	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	25028.27	-37.27	-27	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	2462.59	-31.76	-27	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	24999.15	-36.87	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	25012.39	-37.22	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	25009.74	-36.31	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	25089.15	-36.75	-27	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	2436.12	-35.28	-27	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	25041.50	-36.23	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	25806.49	-35.76	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	24906.51	-36.91	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	2462.59	-31.76	-27	Pass

Spurious_Emission_NVNT_ANT1_802_11a_5745



Spurious_Emission_NVNT_ANT1_802_11a_5785



Spurious_Emission_NVNT_ANT1_802_11a_5825



Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5745



Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5785



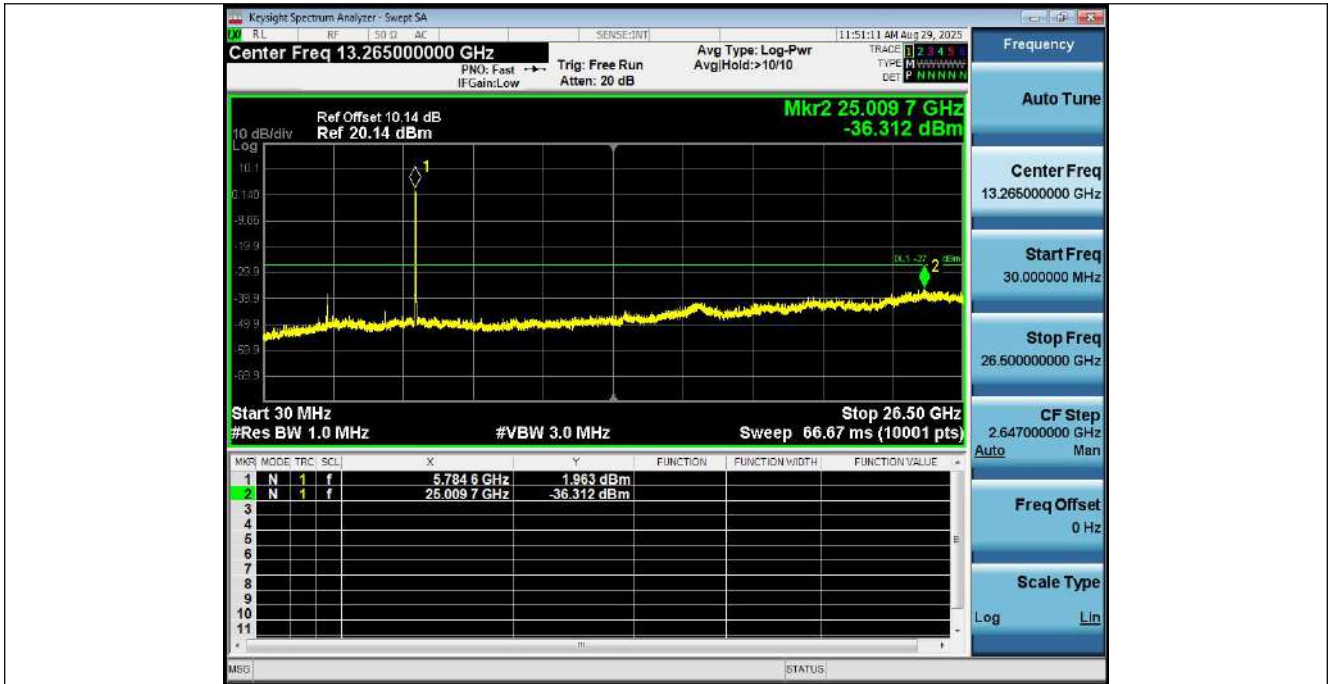
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5825



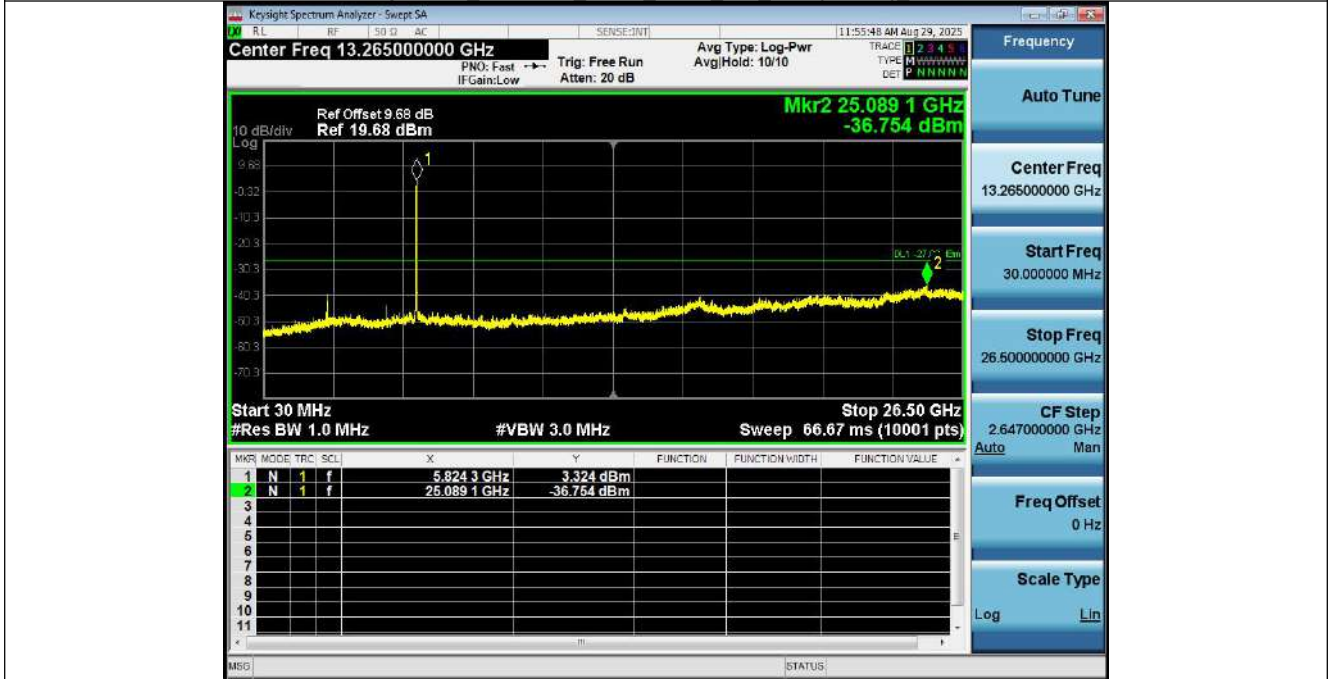
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5745



Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5785



Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5825



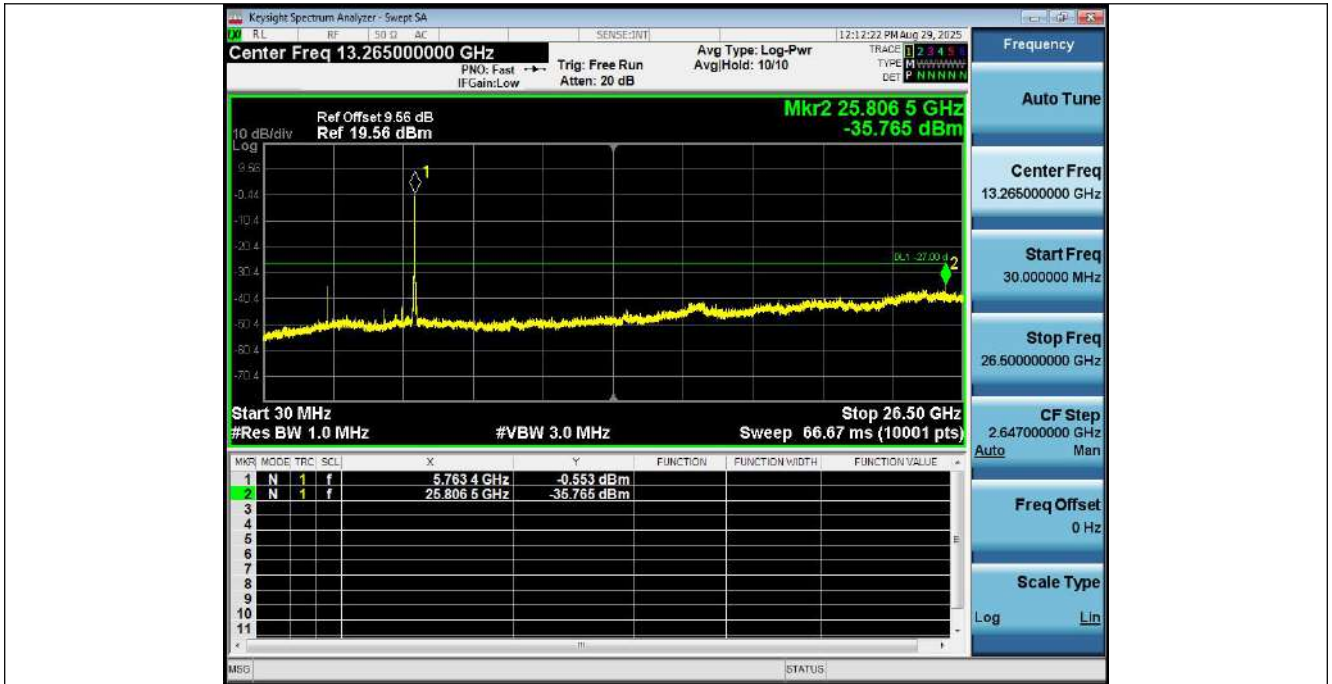
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5755



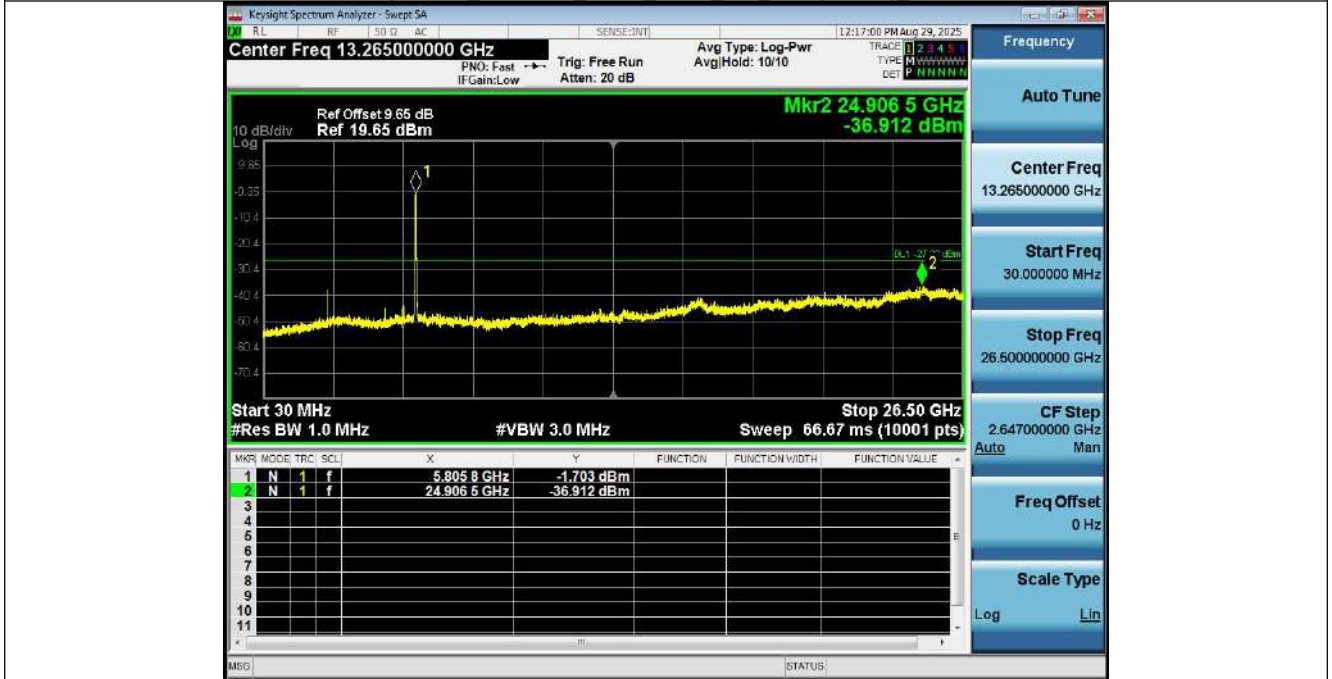
Spurious Emission_NVNT_ANT1_802_11n(HT40)_5795



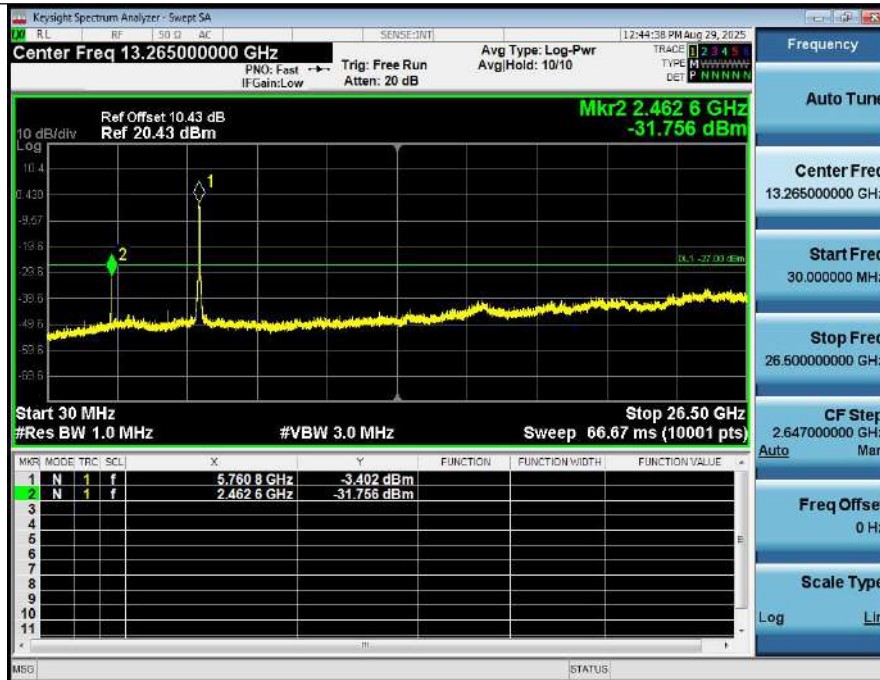
Spurious Emission_NVNT_ANT1_802_11ac(VHT40)_5755



Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5795



Spurious_Emission_NVNT_ANT1_802_11ac(VHT80)_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	5745.040	5736.304	5753.776	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11a	5745.00	5745.018	5736.612	5753.424	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11a	5745.00	5745.018	5736.764	5753.272	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5745.00	5745.014	5736.848	5753.180	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11a	5745.00	5745.016	5736.908	5753.124	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11a	5745.00	5745.002	5736.956	5753.048	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11a	5745.00	5745.000	5737.012	5752.988	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11a	5745.00	5745.004	5737.064	5752.944	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5745.00	5745.000	5737.104	5752.896	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5745.00	5745.012	5737.144	5752.880	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5745.00	5744.990	5737.180	5752.800	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11a	5785.00	5785.062	5776.404	5793.720	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11a	5785.00	5785.032	5776.656	5793.408	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11a	5785.00	5785.028	5776.792	5793.264	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5785.00	5785.030	5776.868	5793.192	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11a	5785.00	5785.020	5776.924	5793.116	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11a	5785.00	5785.008	5776.976	5793.040	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11a	5785.00	5785.008	5777.024	5792.992	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11a	5785.00	5785.004	5777.068	5792.940	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5785.00	5785.006	5777.120	5792.892	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5785.00	5785.002	5777.160	5792.844	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5785.00	5785.002	5777.208	5792.796	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11a	5825.00	5825.078	5816.440	5833.716	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11a	5825.00	5825.044	5816.684	5833.404	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11a	5825.00	5825.038	5816.804	5833.272	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5825.00	5825.036	5816.888	5833.184	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11a	5825.00	5825.034	5816.956	5833.112	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11a	5825.00	5825.020	5817.016	5833.024	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11a	5825.00	5825.038	5817.072	5833.004	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11a	5825.00	5825.032	5817.116	5832.948	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11a	5825.00	5825.026	5817.168	5832.884	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11a	5825.00	5825.032	5817.212	5832.852	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11a	5825.00	5825.034	5817.272	5832.796	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5745.032	5735.840	5754.224	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.996	5736.088	5753.904	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5745.016	5736.244	5753.788	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5745.010	5736.328	5753.692	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5745.006	5736.396	5753.616	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5745.010	5736.452	5753.568	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.998	5736.508	5753.488	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.998	5736.564	5753.432	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5745.00	5745.014	5736.624	5753.404	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5745.00	5744.998	5736.676	5753.320	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5745.00	5745.000	5736.732	5753.268	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5785.058	5775.920	5794.196	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5785.026	5776.144	5793.908	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5785.030	5776.272	5793.788	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5785.022	5776.344	5793.700	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5785.024	5776.428	5793.620	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5785.022	5776.488	5793.556	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5785.014	5776.552	5793.476	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5785.010	5776.600	5793.420	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5785.00	5785.006	5776.656	5793.356	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5785.00	5785.008	5776.704	5793.312	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5785.00	5785.004	5776.752	5793.256	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5825.068	5815.960	5834.176	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5825.036	5816.172	5833.900	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5825.034	5816.280	5833.788	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5825.032	5816.372	5833.692	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5825.036	5816.444	5833.628	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5825.032	5816.512	5833.552	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5825.032	5816.572	5833.492	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5825.016	5816.632	5833.400	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11n(HT20)	5825.00	5825.024	5816.692	5833.356	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT20)	5825.00	5825.024	5816.740	5833.308	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11n(HT20)	5825.00	5825.024	5816.788	5833.260	5725~5850	Pass

55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5745.00	5745.048	5735.860	5754.236	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5745.00	5744.994	5736.092	5753.896	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5745.00	5745.022	5736.240	5753.804	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5745.00	5745.016	5736.320	5753.712	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5745.00	5745.008	5736.384	5753.632	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5745.00	5745.008	5736.444	5753.572	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5745.00	5744.998	5736.504	5753.492	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5745.00	5744.992	5736.552	5753.432	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5745.00	5744.988	5736.608	5753.368	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5745.00	5744.982	5736.652	5753.312	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5745.00	5744.988	5736.708	5753.268	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5785.00	5785.042	5775.892	5794.192	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5785.00	5785.008	5776.120	5793.896	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5785.00	5785.018	5776.256	5793.780	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5785.00	5785.012	5776.340	5793.684	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5785.00	5785.022	5776.416	5793.628	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5785.00	5785.022	5776.484	5793.560	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5785.00	5785.020	5776.544	5793.496	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5785.00	5785.030	5776.616	5793.444	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5785.00	5785.022	5776.680	5793.364	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5785.00	5785.014	5776.728	5793.300	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5785.00	5785.012	5776.784	5793.240	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT20)	5825.00	5825.032	5815.928	5834.136	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT20)	5825.00	5825.014	5816.136	5833.892	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT20)	5825.00	5825.028	5816.260	5833.796	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5825.00	5825.022	5816.344	5833.700	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5825.00	5825.022	5816.416	5833.628	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5825.00	5825.020	5816.504	5833.536	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT20)	5825.00	5825.028	5816.584	5833.472	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT20)	5825.00	5825.034	5816.652	5833.416	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT20)	5825.00	5825.036	5816.712	5833.360	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT20)	5825.00	5825.042	5816.764	5833.320	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT20)	5825.00	5825.046	5816.812	5833.280	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.056	5736.768	5773.344	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.048	5736.976	5773.120	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.048	5737.112	5772.984	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.024	5737.240	5772.808	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.036	5737.352	5772.720	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.032	5737.480	5772.584	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.052	5737.568	5772.536	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.020	5737.656	5772.384	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5755.00	5754.980	5737.760	5772.200	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5755.00	5755.000	5737.848	5772.152	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5755.00	5755.032	5737.928	5772.136	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.108	5776.808	5813.408	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.084	5777.024	5813.144	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.120	5777.192	5813.048	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.104	5777.336	5812.872	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.140	5777.456	5812.824	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.116	5777.568	5812.664	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.120	5777.656	5812.584	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.132	5777.784	5812.480	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11n(HT40)	5795.00	5795.168	5777.888	5812.448	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11n(HT40)	5795.00	5795.160	5778.016	5812.304	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11n(HT40)	5795.00	5795.184	5778.096	5812.272	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT40)	5755.00	5755.048	5736.744	5773.352	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT40)	5755.00	5755.060	5737.000	5773.120	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT40)	5755.00	5755.040	5737.144	5772.936	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5755.00	5755.028	5737.296	5772.760	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5755.00	5755.064	5737.424	5772.704	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5755.00	5755.044	5737.528	5772.560	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5755.00	5755.032	5737.608	5772.456	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5755.00	5755.072	5737.704	5772.440	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5755.00	5755.016	5737.792	5772.240	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5755.00	5755.040	5737.896	5772.184	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5755.00	5755.048	5738.008	5772.088	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT40)	5795.00	5795.104	5776.808	5813.400	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT40)	5795.00	5795.092	5777.024	5813.160	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT40)	5795.00	5795.112	5777.184	5813.040	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5795.00	5795.108	5777.312	5812.904	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5795.00	5795.104	5777.424	5812.784	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5795.00	5795.096	5777.536	5812.656	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT40)	5795.00	5795.132	5777.632	5812.632	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT40)	5795.00	5795.112	5777.728	5812.496	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT40)	5795.00	5795.076	5777.824	5812.328	5725~5850	Pass

25degrees C&&3.80V	ANT1	802.11ac(VHT40)	5795.00	5795.144	5777.952	5812.336	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT40)	5795.00	5795.124	5778.056	5812.192	5725~5850	Pass
55degrees C&&3.80V	ANT1	802.11ac(VHT80)	5775.00	5775.132	5737.068	5813.196	5725~5850	Pass
45degrees C&&3.80V	ANT1	802.11ac(VHT80)	5775.00	5775.144	5737.332	5812.956	5725~5850	Pass
35degrees C&&3.80V	ANT1	802.11ac(VHT80)	5775.00	5775.120	5737.524	5812.716	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT80)	5775.00	5775.114	5737.668	5812.560	5725~5850	Pass
15degrees C&&3.80V	ANT1	802.11ac(VHT80)	5775.00	5775.096	5737.824	5812.368	5725~5850	Pass
5degrees C&&3.80V	ANT1	802.11ac(VHT80)	5775.00	5775.132	5738.004	5812.260	5725~5850	Pass
-5degrees C&&3.80V	ANT1	802.11ac(VHT80)	5775.00	5775.072	5738.208	5811.936	5725~5850	Pass
-15degrees C&&3.80V	ANT1	802.11ac(VHT80)	5775.00	5775.090	5738.400	5811.780	5725~5850	Pass
25degrees C&&4.37V	ANT1	802.11ac(VHT80)	5775.00	5775.102	5738.556	5811.648	5725~5850	Pass
25degrees C&&3.80V	ANT1	802.11ac(VHT80)	5775.00	5775.078	5738.748	5811.408	5725~5850	Pass
25degrees C&&3.23V	ANT1	802.11ac(VHT80)	5775.00	5775.126	5738.928	5811.324	5725~5850	Pass