

Report No.:MAX250513110P02-R03

FCC ID:2BDTM-P01

FCC_5.8G_WIFI (Part15.407) Test Data

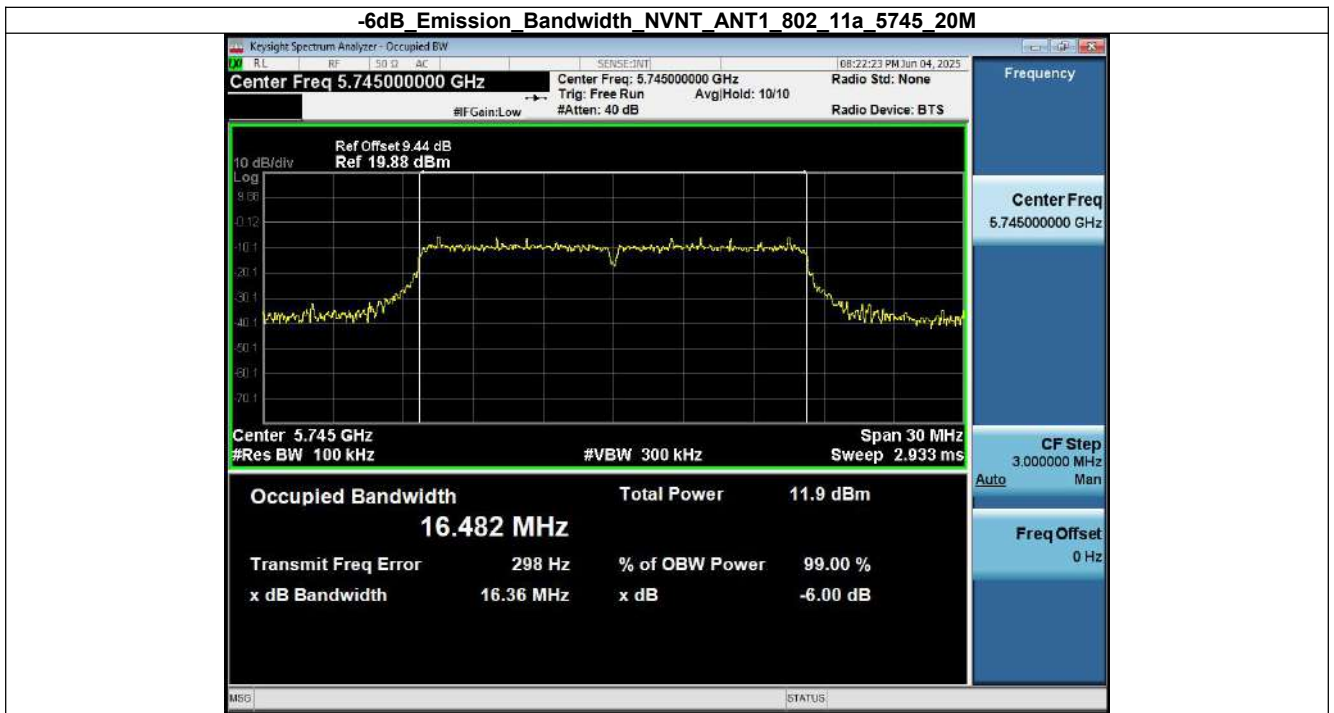
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FCC_5.8G_WIFI (Part15.407) Test Data

1. -6dB Emission Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	16.361	0.500	Pass
NVNT	ANT1	802.11a	5785.00	16.388	0.500	Pass
NVNT	ANT1	802.11a	5825.00	16.413	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	17.364	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	17.512	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	17.428	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	17.411	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	17.570	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	17.302	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	36.096	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	36.129	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	36.167	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	36.231	0.500	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	75.768	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



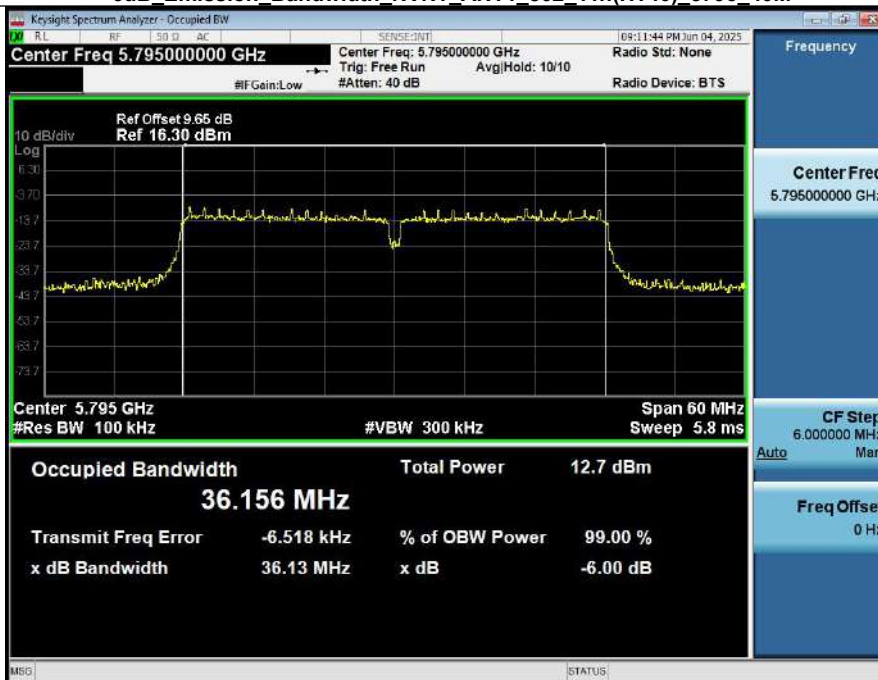
-6dB Emission Bandwidth NVNT_ANT1_802_11ac(VHT20)_5825_20M



-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

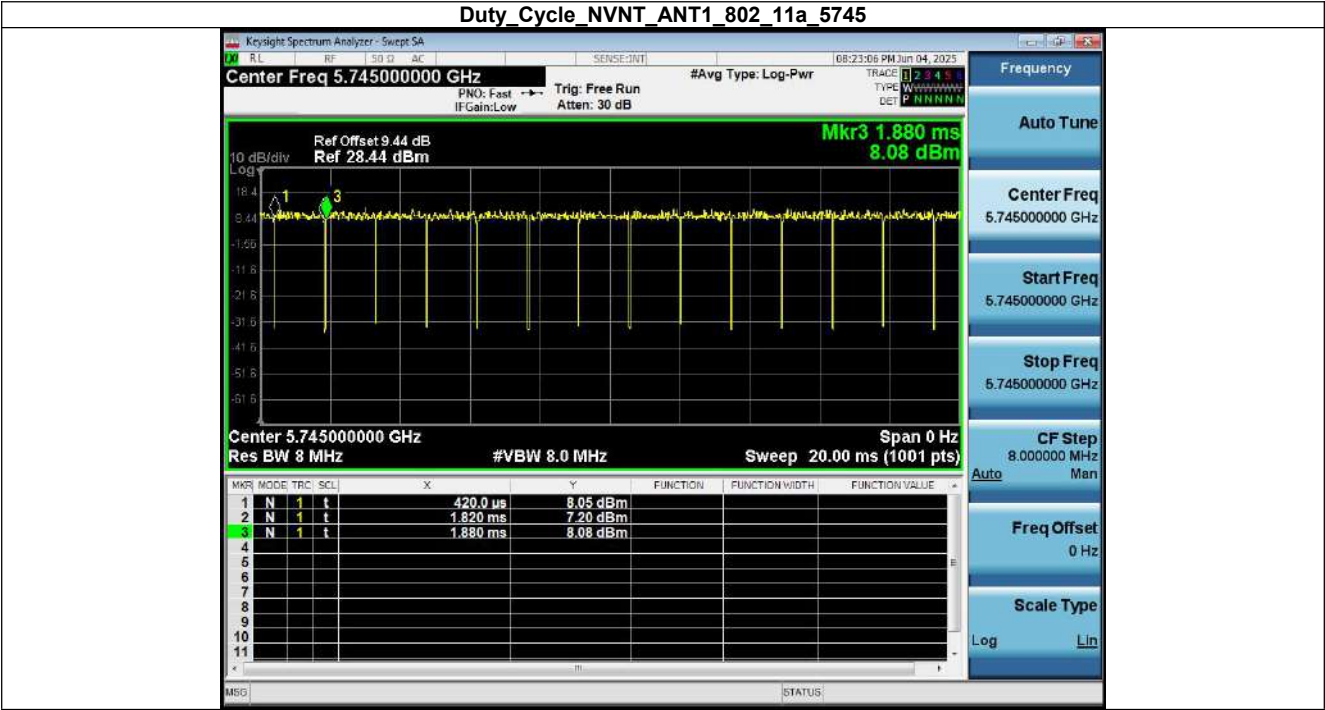


-6dB Emission Bandwidth NVNT_ANT1_802_11ac(VHT80)_5775_80M

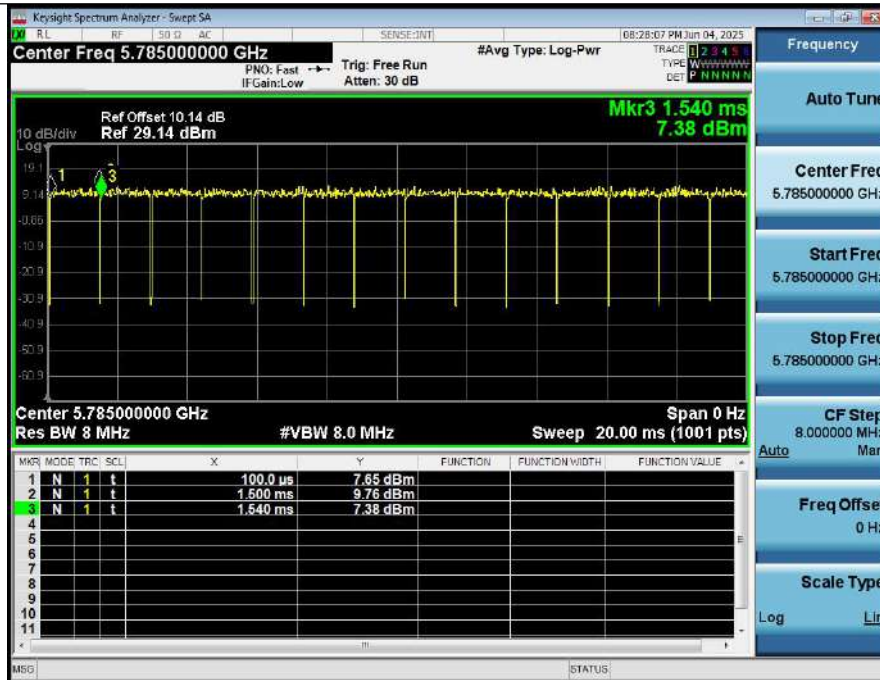


2. Duty Cycle

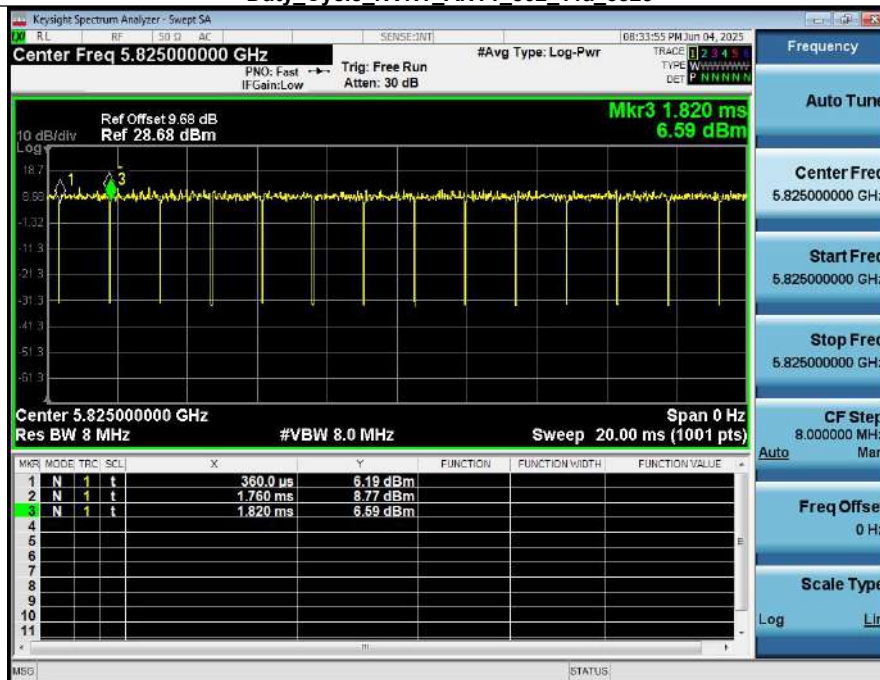
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	95.89	0.18
NVNT	ANT1	802.11a	5785.00	97.22	0.12
NVNT	ANT1	802.11a	5825.00	95.89	0.18
NVNT	ANT1	802.11n(HT20)	5745.00	95.16	0.22
NVNT	ANT1	802.11n(HT20)	5785.00	95.16	0.22
NVNT	ANT1	802.11n(HT20)	5825.00	95.16	0.22
NVNT	ANT1	802.11ac(VHT20)	5745.00	96.77	0.14
NVNT	ANT1	802.11ac(VHT20)	5785.00	96.77	0.14
NVNT	ANT1	802.11ac(VHT20)	5825.00	95.16	0.22
NVNT	ANT1	802.11n(HT40)	5755.00	93.75	0.28
NVNT	ANT1	802.11n(HT40)	5795.00	93.75	0.28
NVNT	ANT1	802.11ac(VHT40)	5755.00	90.91	0.41
NVNT	ANT1	802.11ac(VHT40)	5795.00	90.91	0.41
NVNT	ANT1	802.11ac(VHT80)	5775.00	88.24	0.54



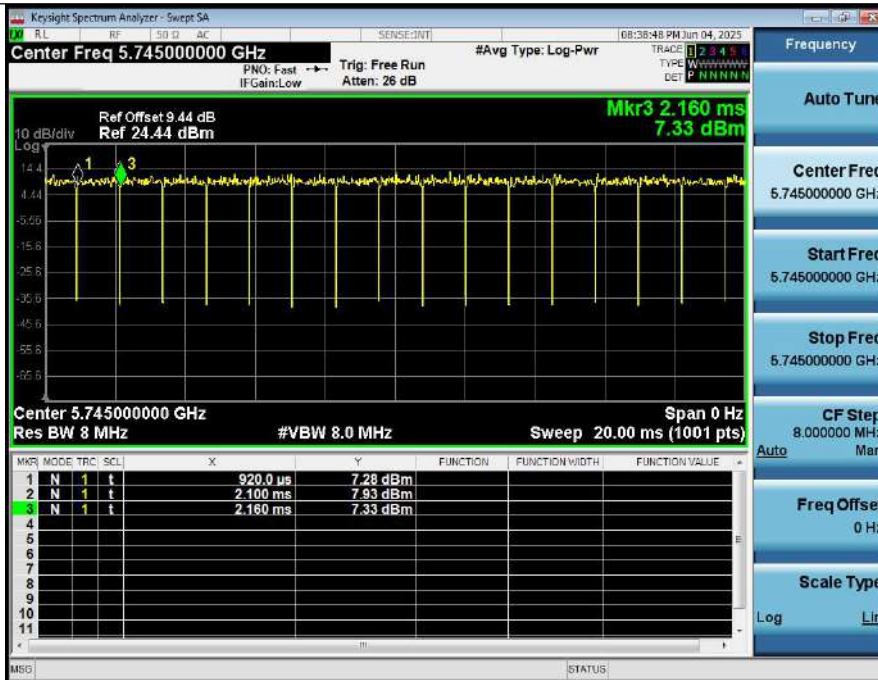
Duty Cycle_NVNT_ANT1_802_11a_5785



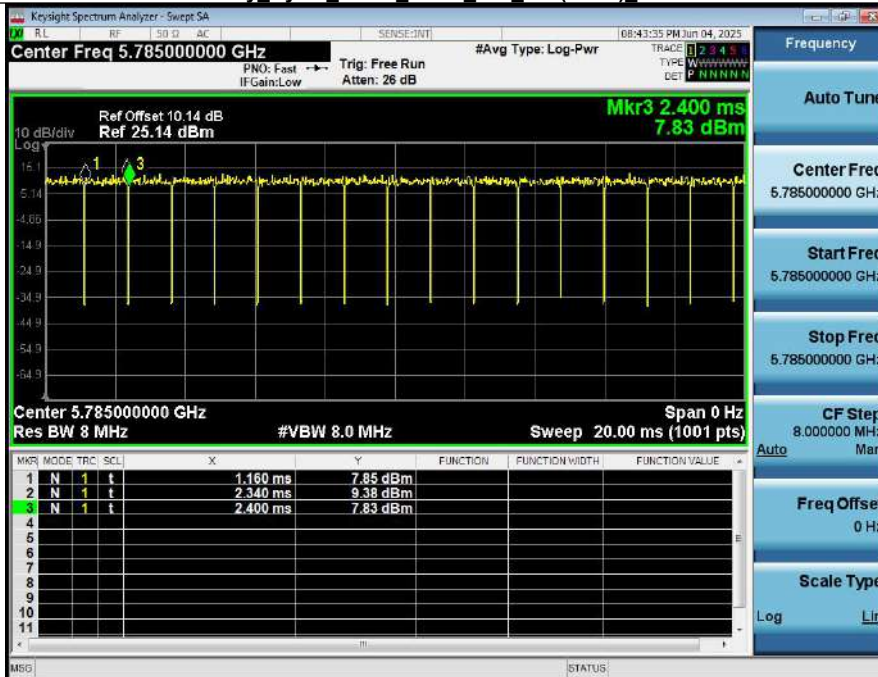
Duty_Cycle_NVNT_ANT1_802_11a_5825



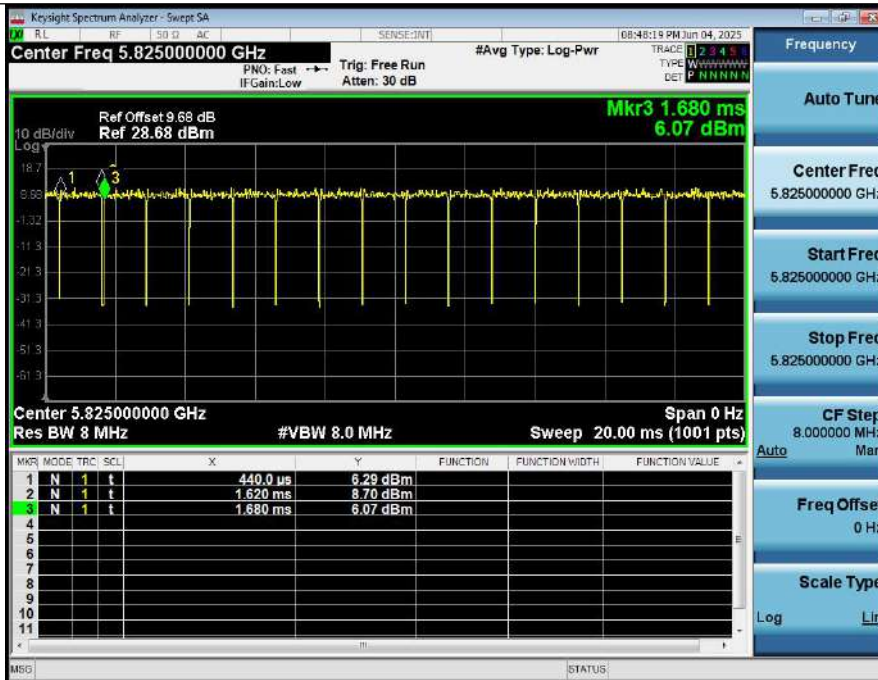
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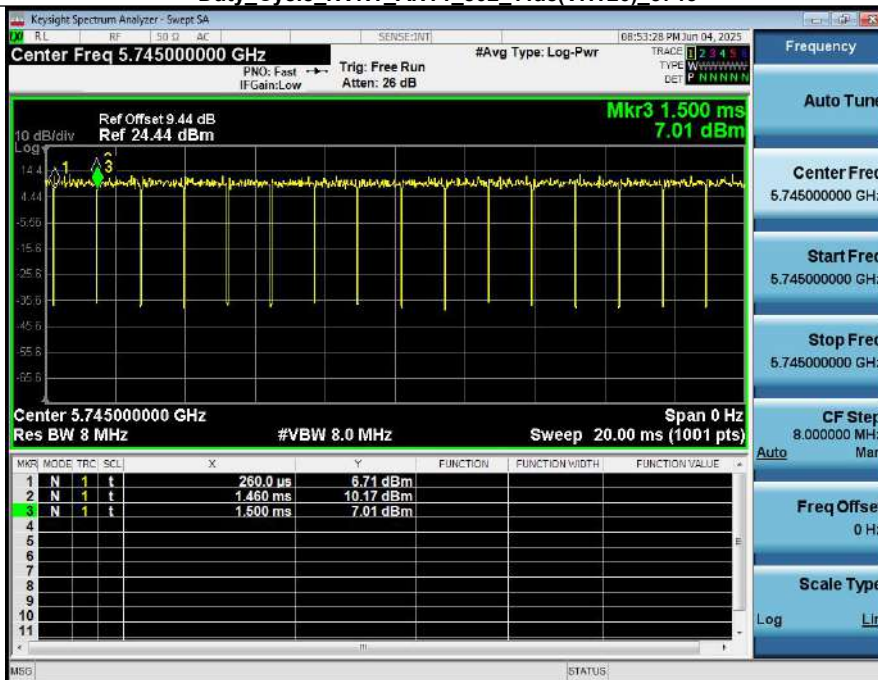
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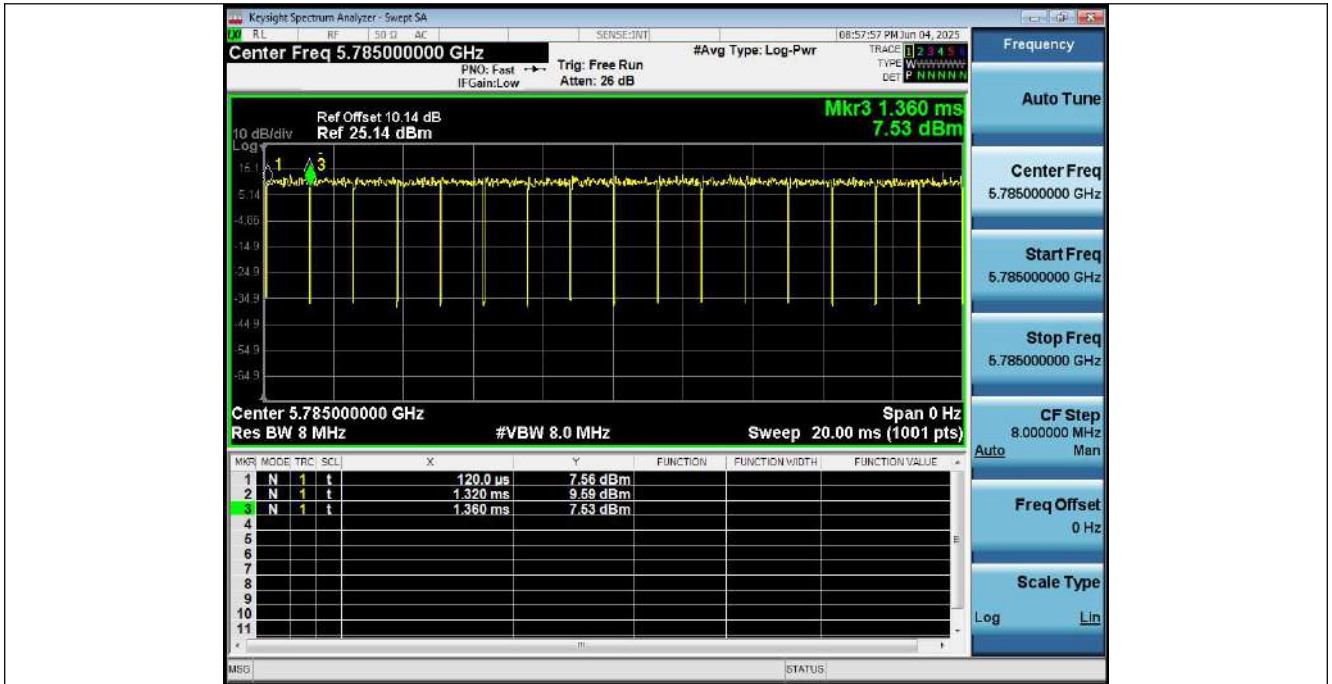
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5825



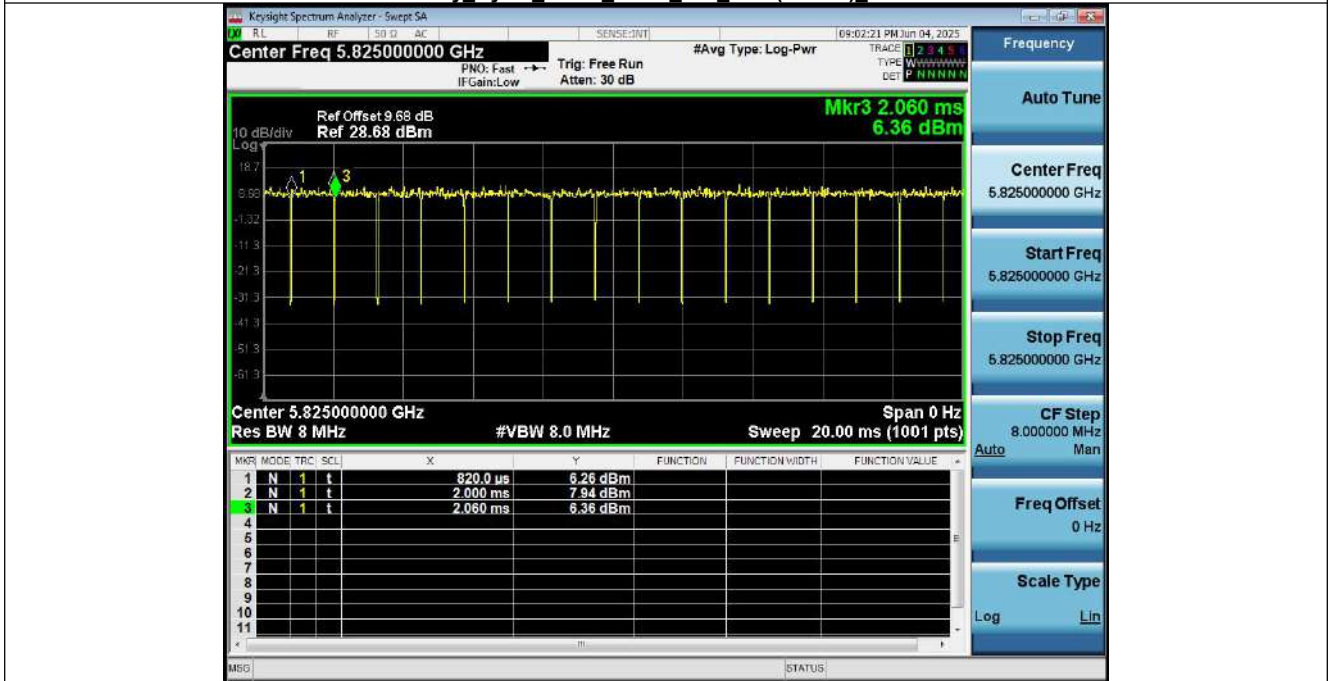
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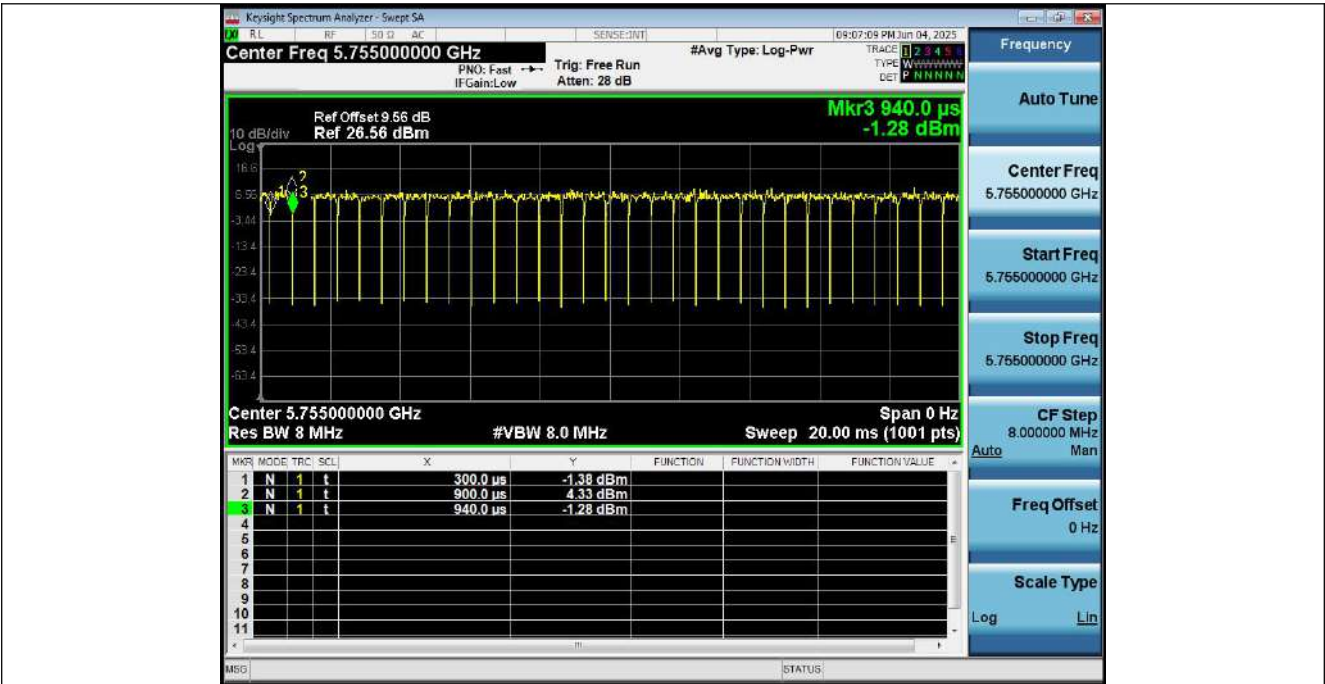
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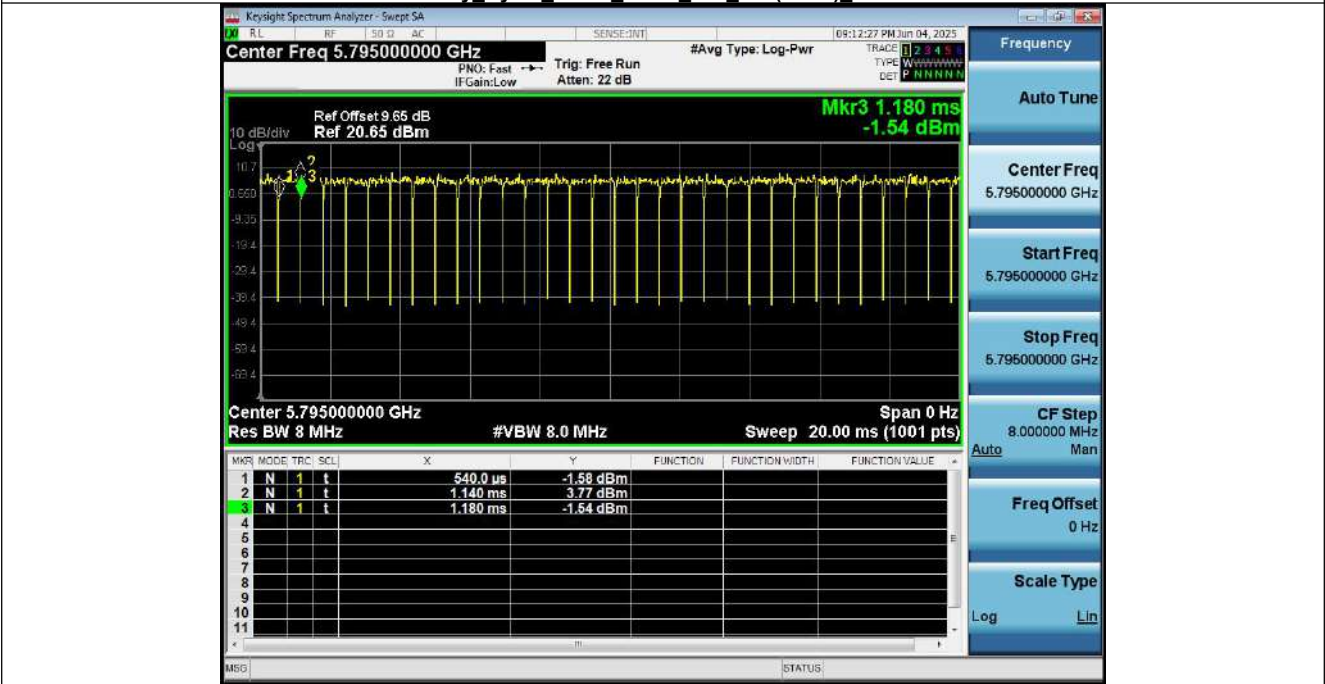
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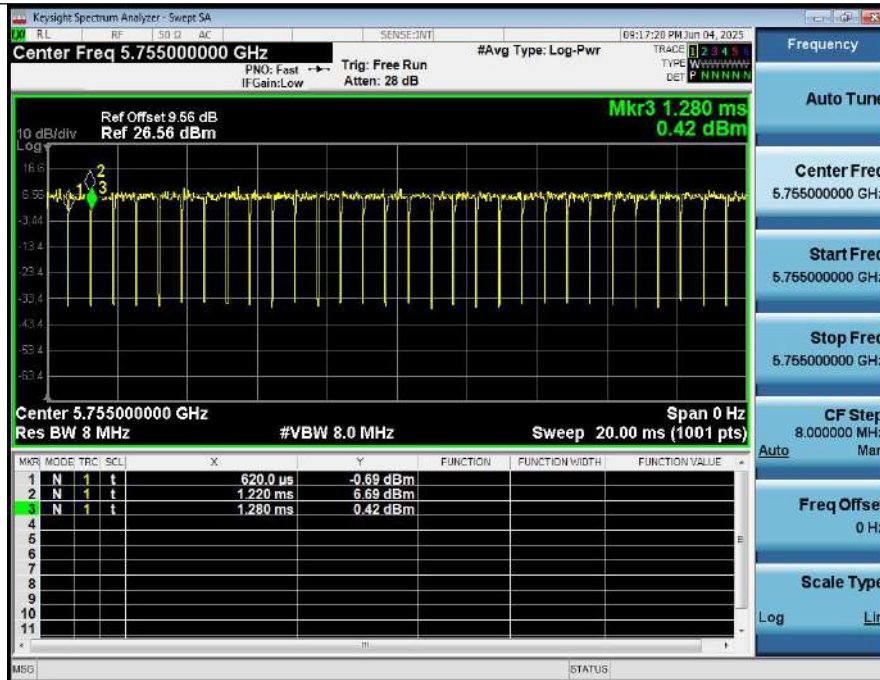
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5755



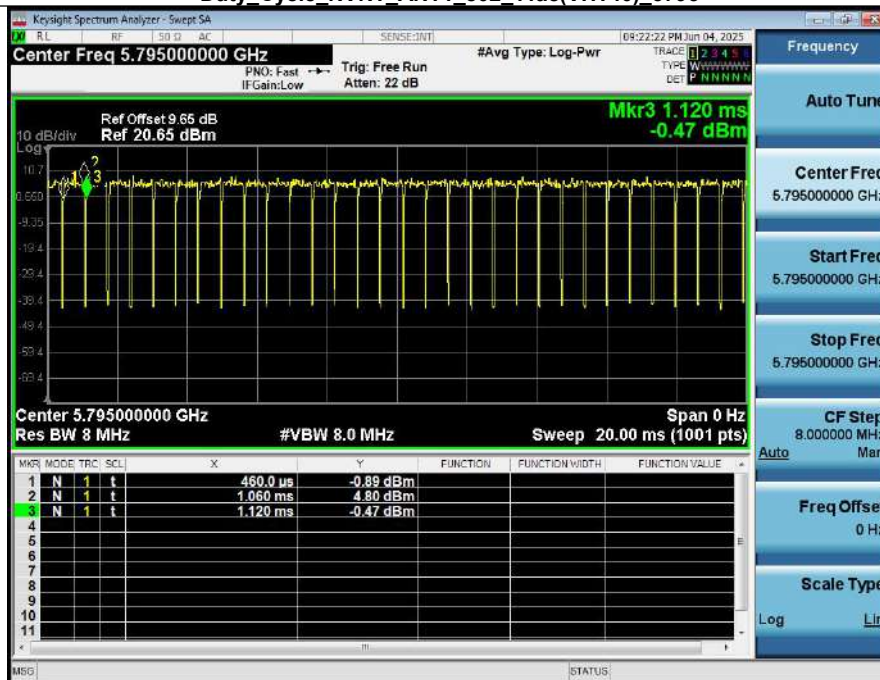
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5795



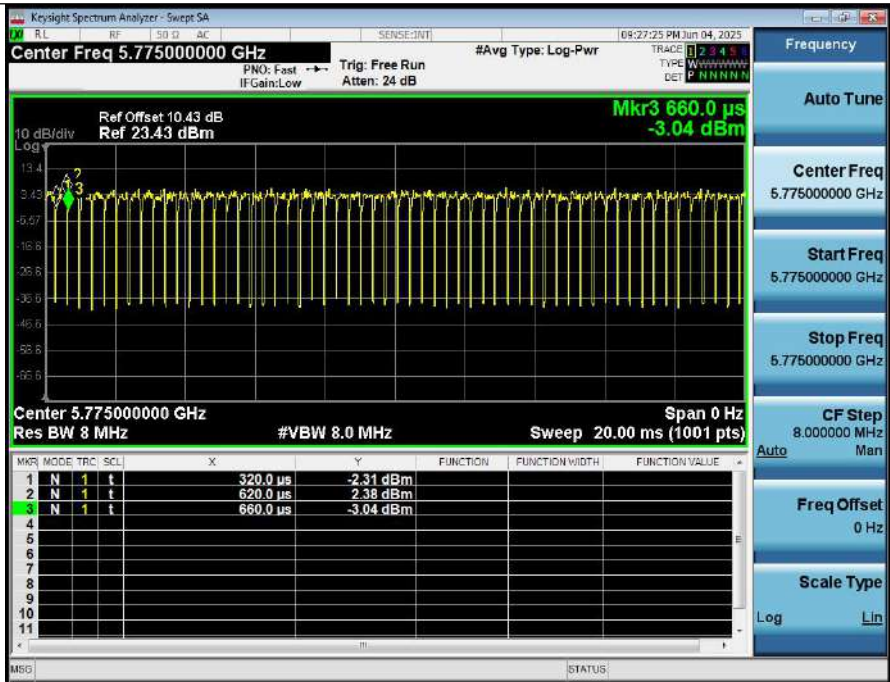
Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5755



Duty_Cycle_NVNT_ANT1_802_11ac(VHT40)_5795



Duty_Cycle_NVNT_ANT1_802_11ac(VHT80)_5775



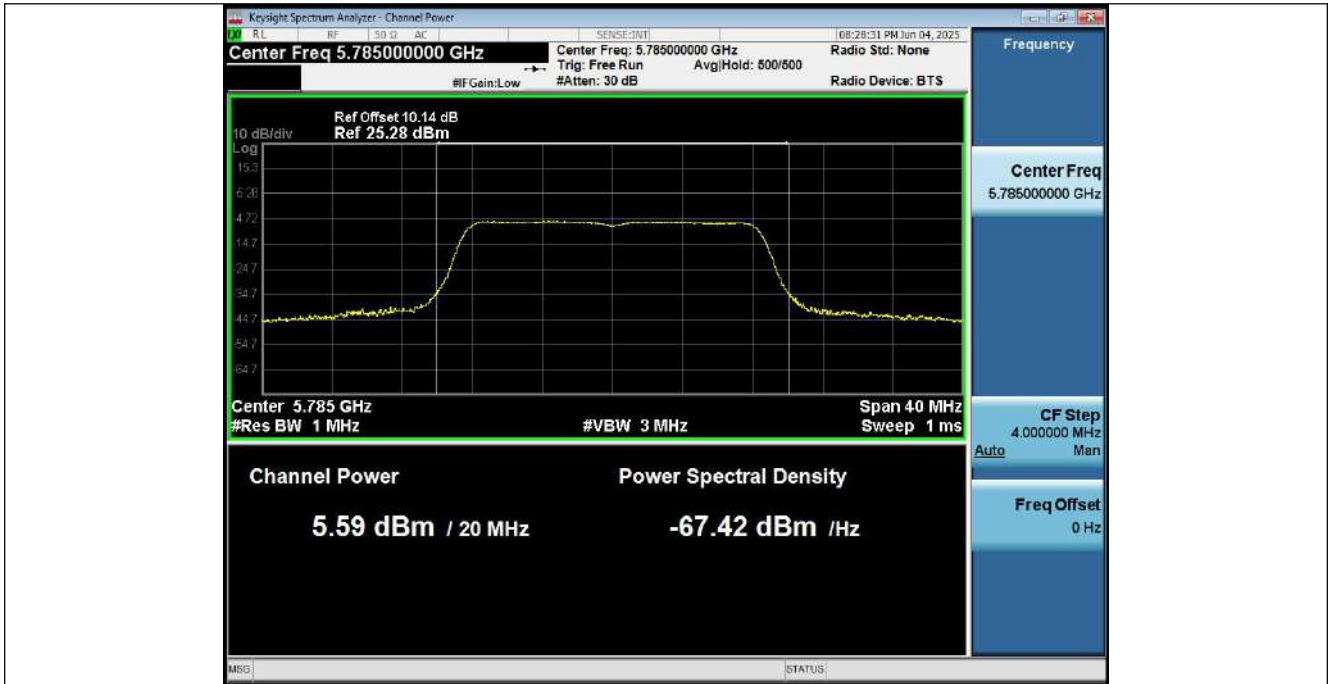
3. Maximum Conducted Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	5.25	0.18	5.43	30	Pass
NVNT	ANT1	802.11a	5785.00	5.59	0.12	5.71	30	Pass
NVNT	ANT1	802.11a	5825.00	4.61	0.18	4.79	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	5.46	0.22	5.68	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	5.73	0.22	5.95	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	4.83	0.22	5.05	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	5.55	0.14	5.69	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	5.78	0.14	5.92	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	4.85	0.22	5.07	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	5.22	0.28	5.50	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	5.05	0.28	5.33	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	5.22	0.41	5.63	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	5.07	0.41	5.48	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	5.80	0.54	6.34	30	Pass

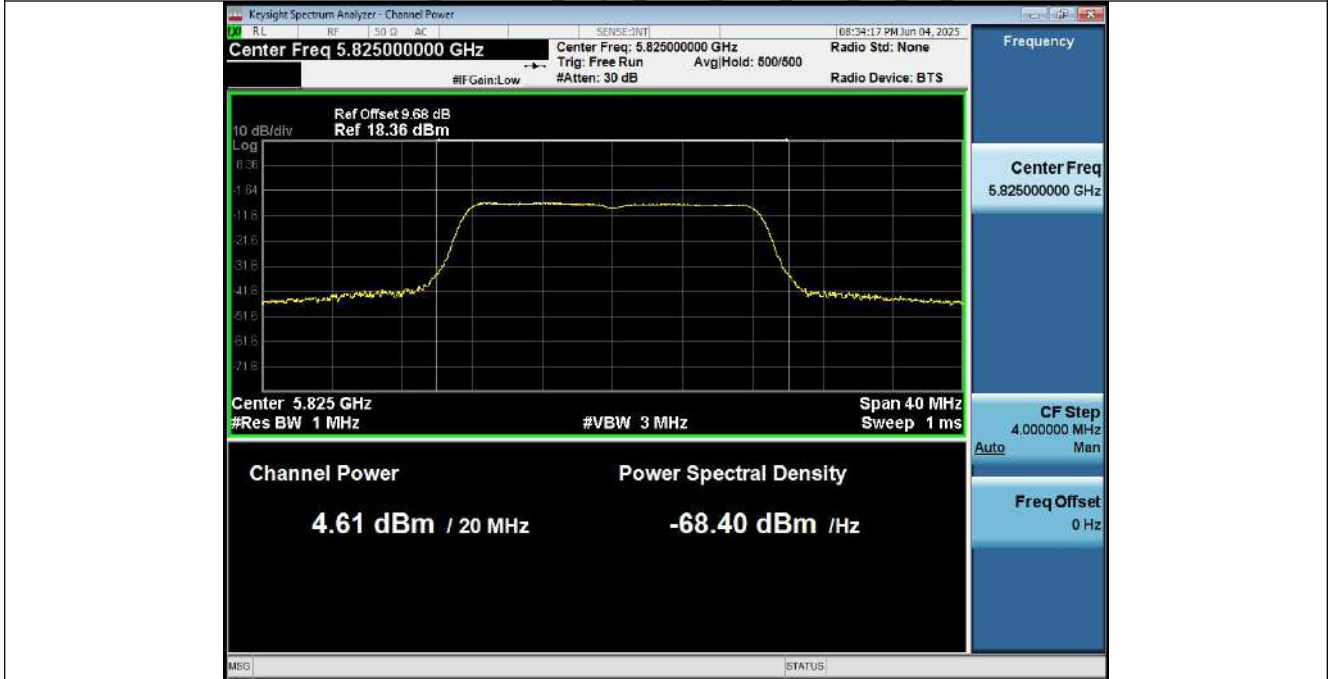
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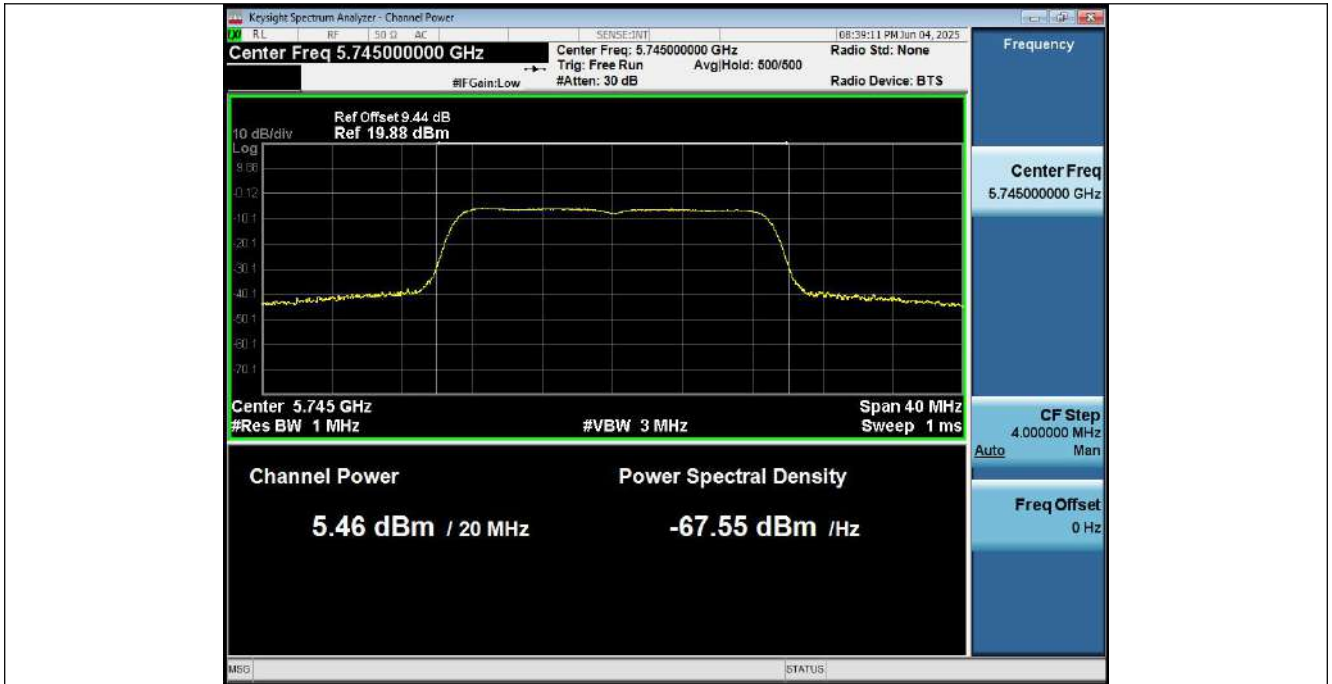
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5785



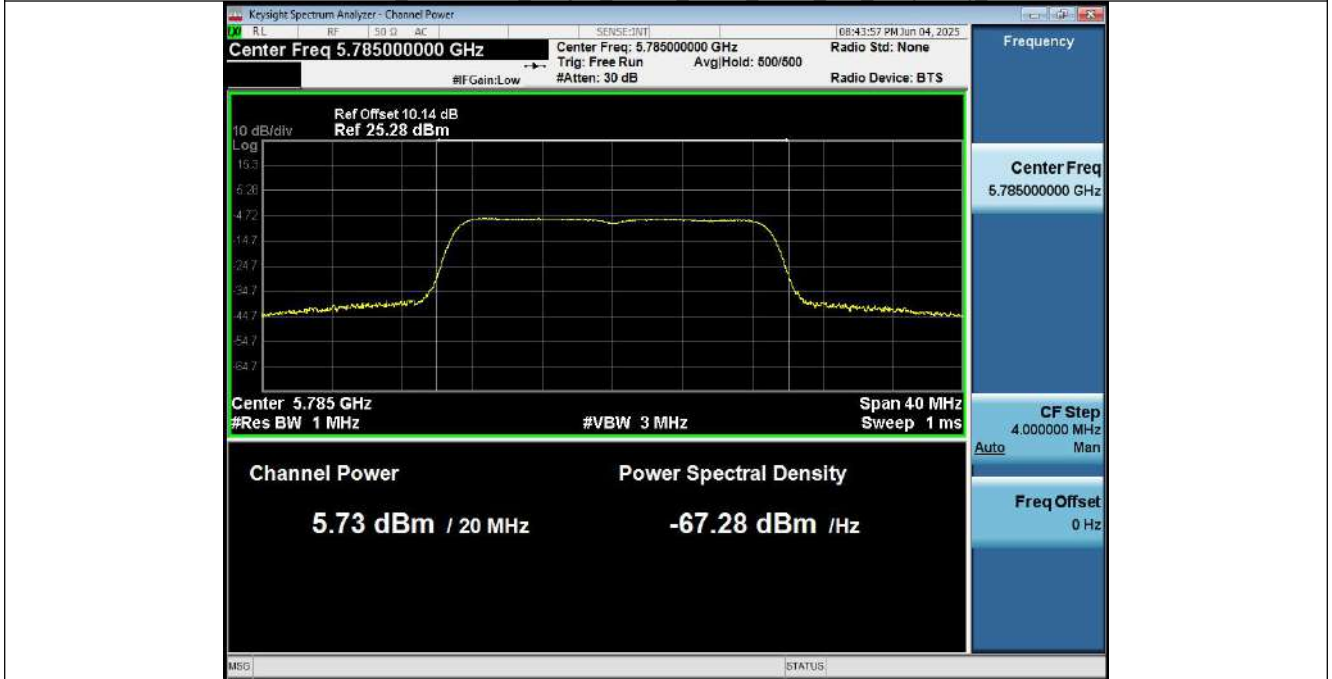
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11a_5825



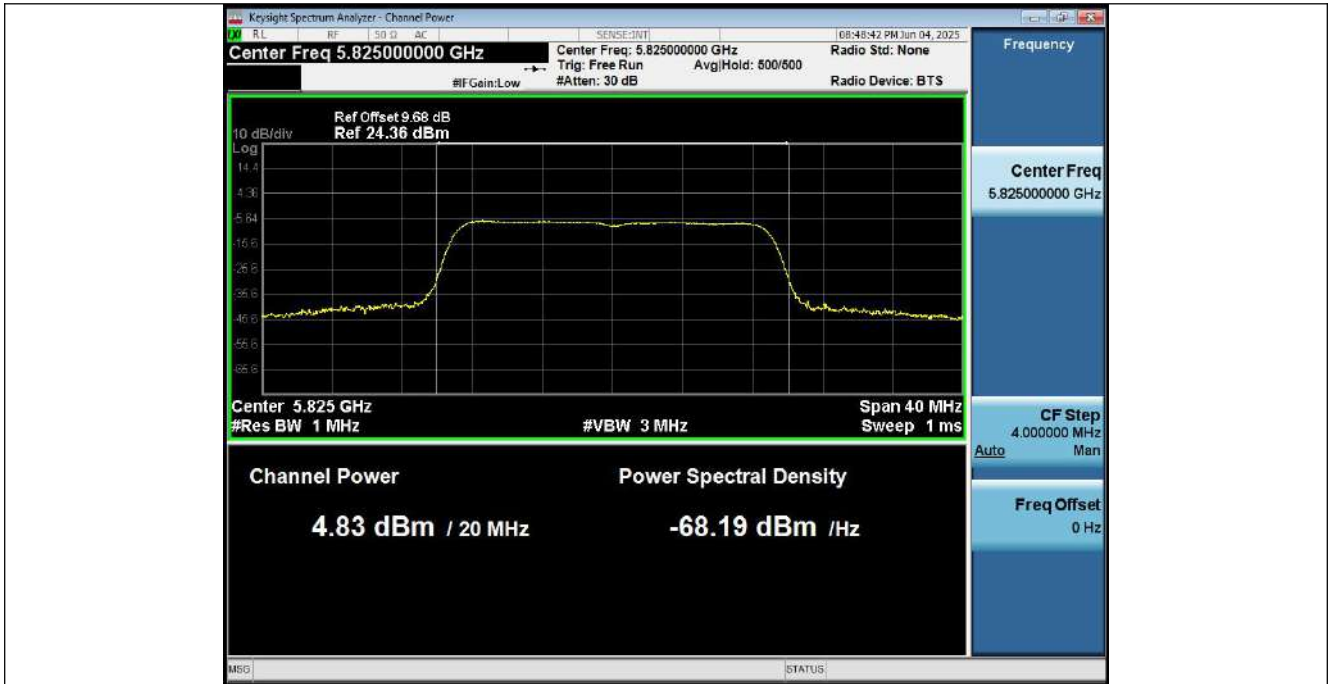
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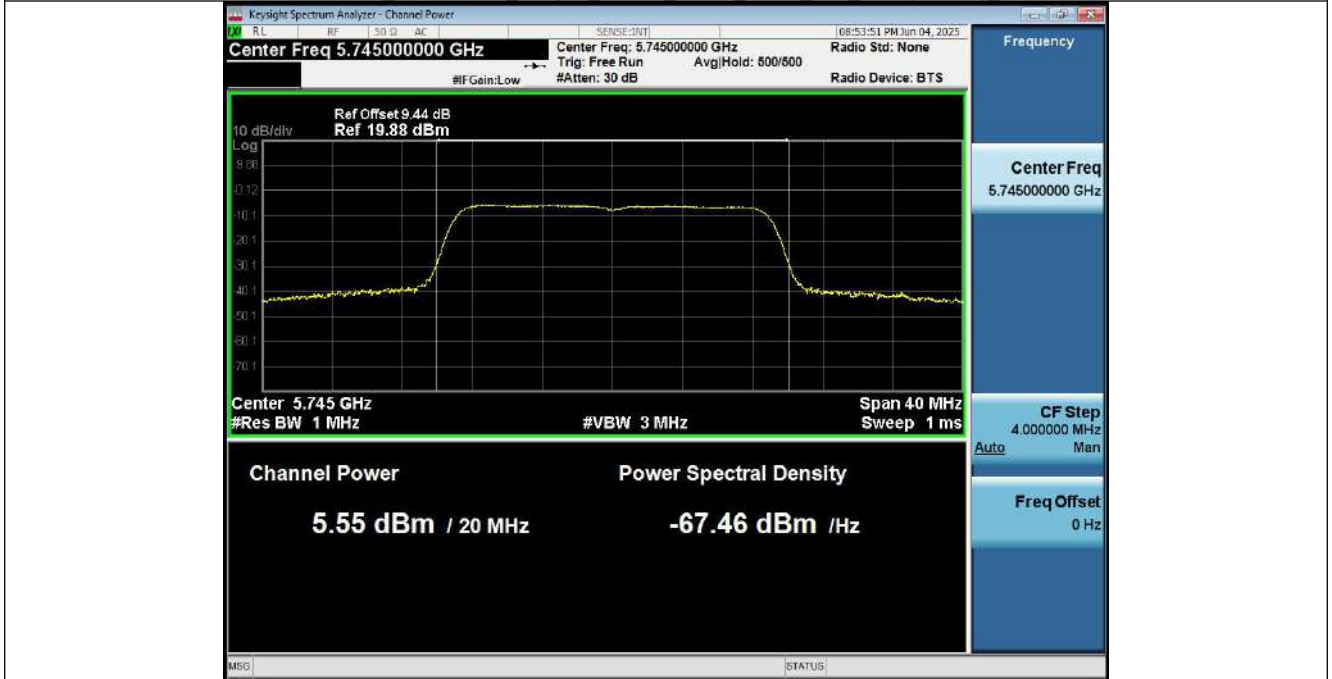
Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5785



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT20)_5825



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5745



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5785



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT20)_5825



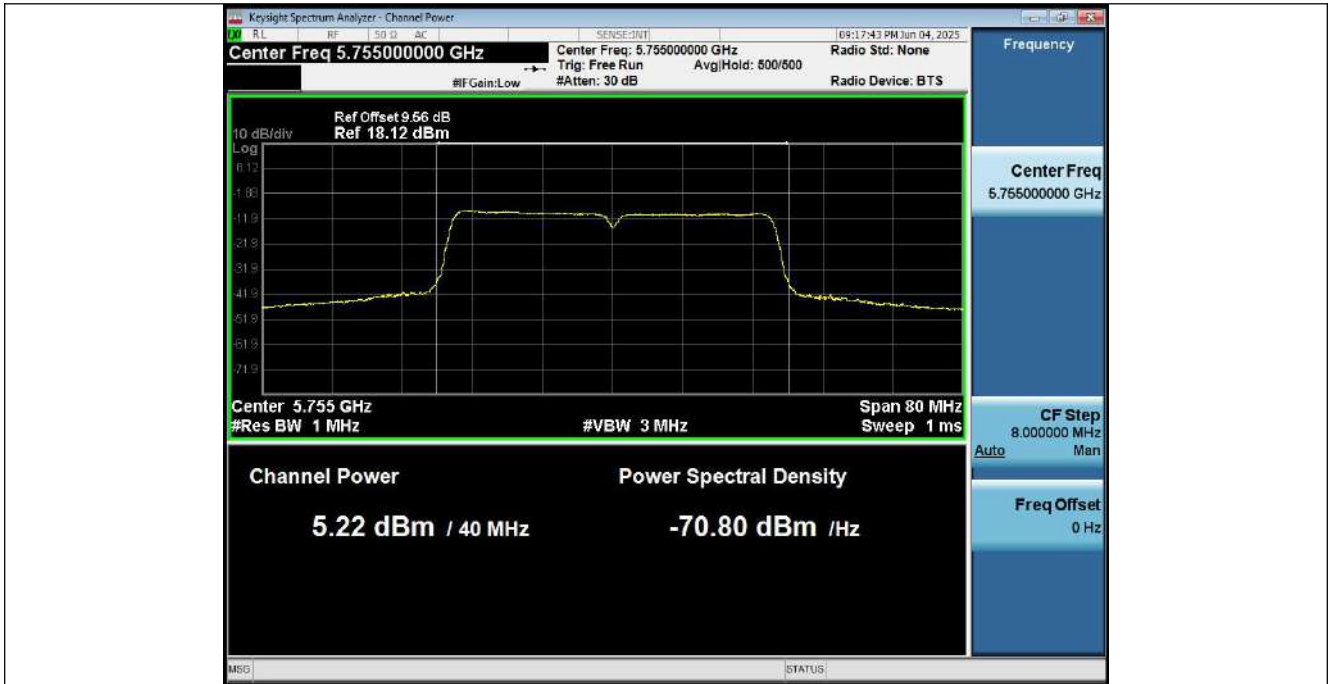
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Maximum_Conducted_Output_Power_NVNT_ANT1_802_11n(HT40)_5795



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5755



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT40)_5795



Maximum_Conducted_Output_Power_NVNT_ANT1_802_11ac(VHT80)_5775



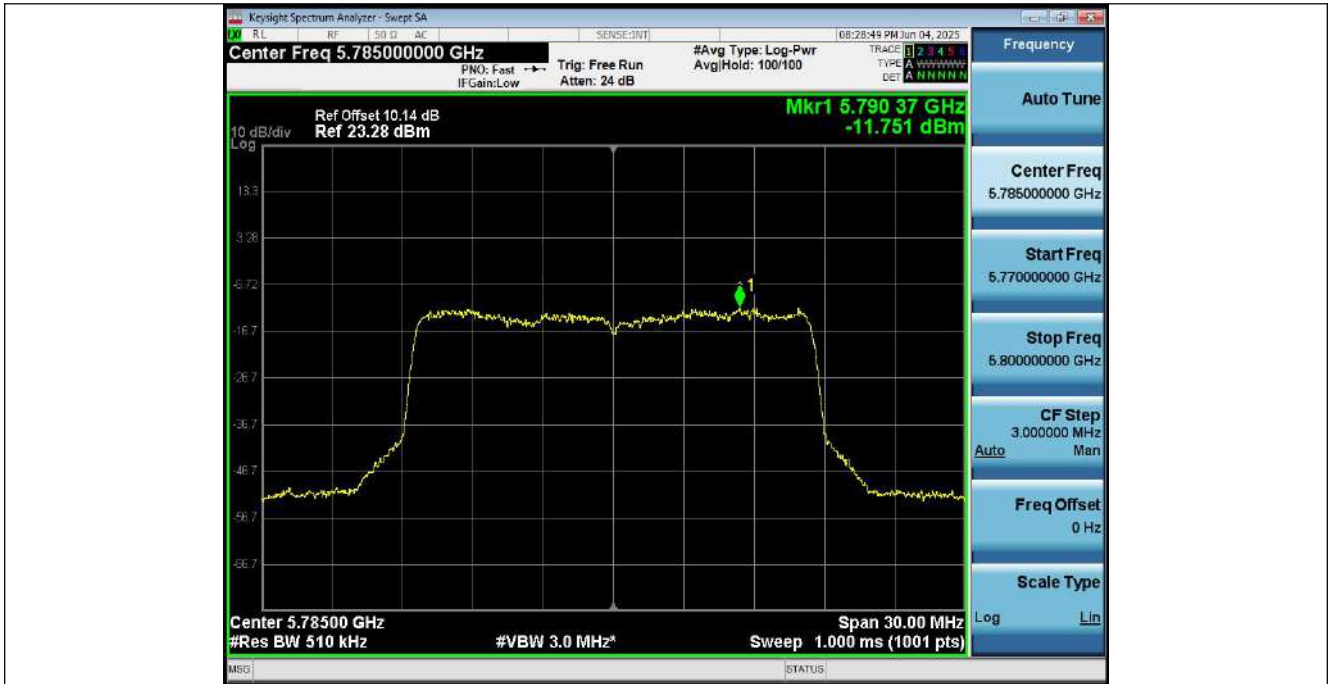
4. Power Spectral Density

Antenna	Modulation	Frequency (MHz)	PSD_SA (dBm/RBW)	Duty factor(dB)	RB factor(dB)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
ANT1	802.11a	5745.00	-11.98	0.18	-0.09	-11.88	30	Pass
ANT1	802.11a	5785.00	-11.75	0.12	-0.09	-11.72	30	Pass
ANT1	802.11a	5825.00	-12.67	0.18	-0.09	-12.58	30	Pass
ANT1	802.11n(HT20)	5745.00	-11.28	0.22	-0.09	-11.15	30	Pass
ANT1	802.11n(HT20)	5785.00	-11.28	0.22	-0.09	-11.14	30	Pass
ANT1	802.11n(HT20)	5825.00	-11.68	0.22	-0.09	-11.54	30	Pass
ANT1	802.11ac(VHT20)	5745.00	-11.65	0.14	-0.09	-11.60	30	Pass
ANT1	802.11ac(VHT20)	5785.00	-11.73	0.14	-0.09	-11.68	30	Pass
ANT1	802.11ac(VHT20)	5825.00	-12.39	0.22	-0.09	-12.26	30	Pass
ANT1	802.11n(HT40)	5755.00	-16.34	0.28	-0.09	-16.15	30	Pass
ANT1	802.11n(HT40)	5795.00	-15.45	0.28	-0.09	-15.25	30	Pass
ANT1	802.11ac(VHT40)	5755.00	-15.61	0.41	-0.09	-15.29	30	Pass
ANT1	802.11ac(VHT40)	5795.00	-16.29	0.41	-0.09	-15.97	30	Pass
ANT1	802.11ac(VHT80)	5775.00	-20.87	0.54	-0.09	-20.42	30	Pass

Note:PSD(dBm/500kHz)=PSD_SA(dBm/RBW)+Duty factor(dB)+RB factor(dB)



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

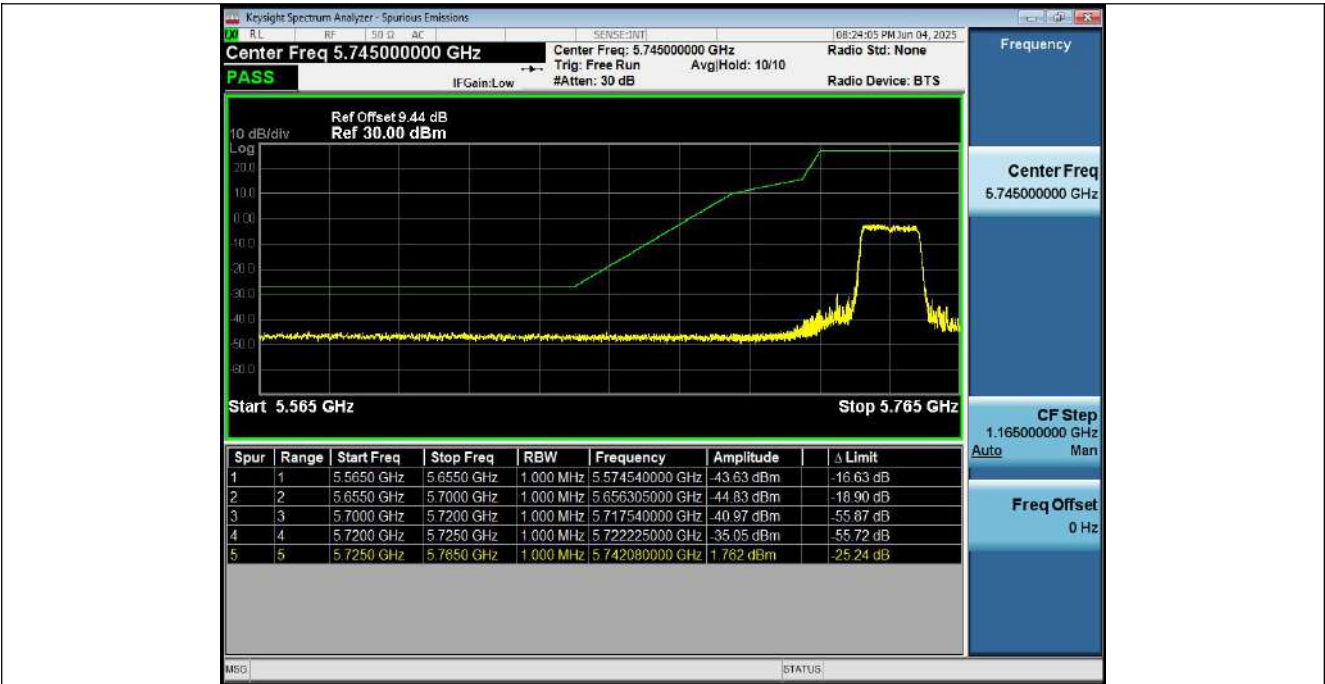


5. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5574.540	-43.63	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5656.305	-44.83	-25.93	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5717.540	-40.97	14.91	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5722.225	-35.05	20.67	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5853.220	-42.83	19.66	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5875.000	-44.15	10.00	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5919.640	-43.97	-26.70	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5934.280	-39.88	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5647.710	-44.46	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5656.215	-45.32	-26.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5716.900	-39.51	14.73	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5721.205	-35.71	18.35	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5853.805	-41.68	18.32	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5874.100	-44.64	10.25	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5917.795	-44.51	-25.19	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5935.895	-39.52	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5565-5655	5608.200	-44.24	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5655-5700	5663.010	-45.18	-20.41	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5700-5720	5719.120	-40.74	15.35	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5720-5725	5723.590	-34.29	23.79	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5850-5855	5852.520	-41.79	21.25	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5855-5875	5870.140	-44.32	11.36	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5875-5920	5917.705	-44.03	-25.11	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5920-6005	5996.670	-39.26	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5605.800	-43.83	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5662.380	-44.68	-20.93	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5719.980	-38.91	15.59	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5721.365	-38.25	18.71	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5854.850	-44.44	15.94	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5870.400	-44.63	11.29	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5918.110	-44.52	-25.45	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5921.820	-39.22	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5595-5655	5648.100	-44.16	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5655-5700	5658.510	-45.04	-24.11	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5700-5720	5718.480	-38.75	15.17	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5720-5725	5721.440	-37.29	18.88	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5850-5855	5854.815	-44.23	16.02	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5855-5875	5873.740	-44.51	10.35	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5875-5920	5919.595	-44.74	-26.67	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5920-5955	5924.130	-39.74	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5650-5655	5650.700	-43.33	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5655-5700	5688.075	-41.88	0.19	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5700-5720	5702.180	-41.41	10.61	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5720-5725	5720.200	-39.75	16.06	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5850-5855	5854.820	-41.95	16.01	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5855-5875	5873.240	-42.76	10.49	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5875-5920	5918.200	-43.15	-25.52	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5920-5925	5921.715	-38.56	-27.00	Pass

Note:The test diagram has integrated antenna gain to Offset Settings.

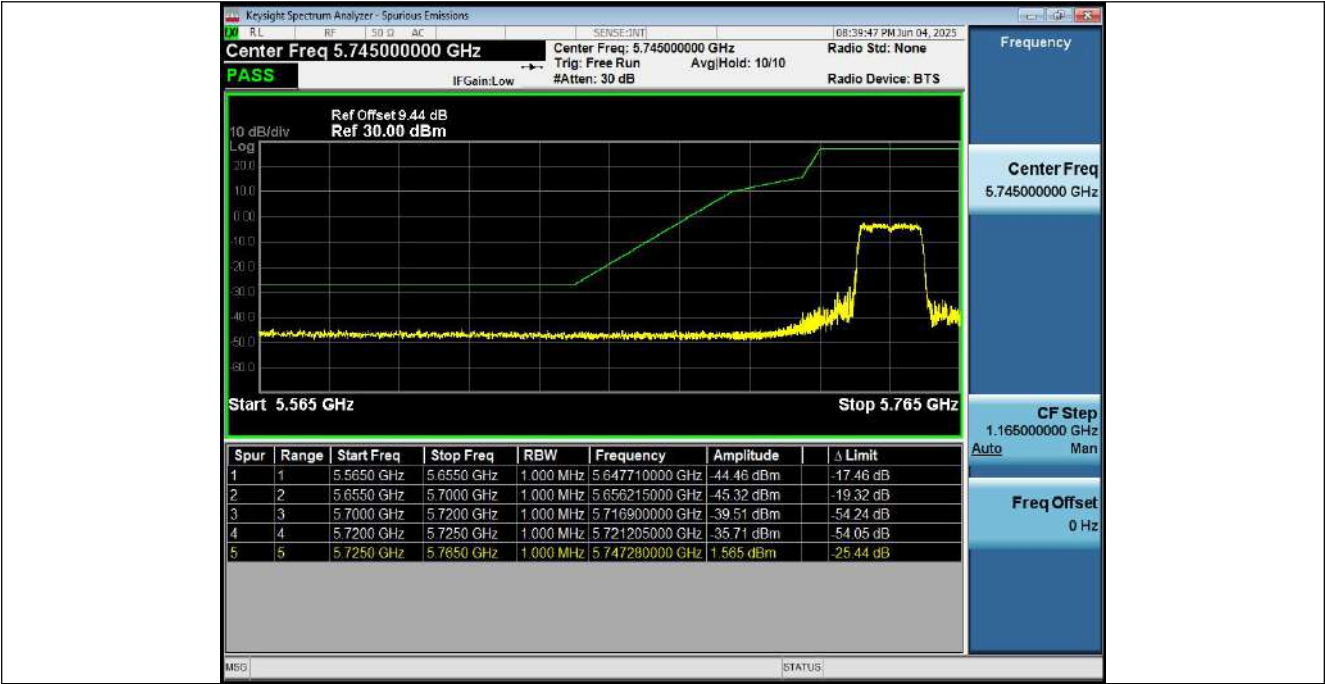
Bandedge_NVNT_ANT1_802_11a_5745



Bandedge_NVNT_ANT1_802_11a_5825



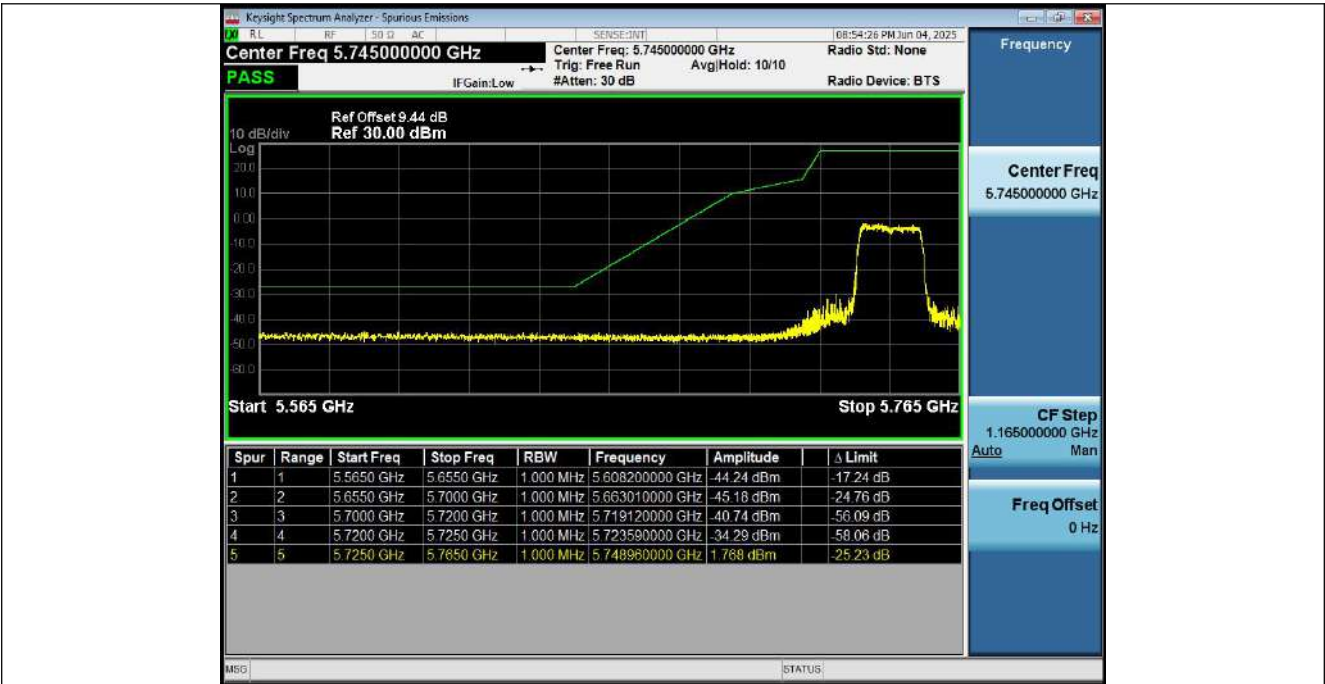
Bandedge_NVNT_ANT1_802_11n(HT20)_5745



Bandedge_NVNT_ANT1_802_11n(HT20)_5825



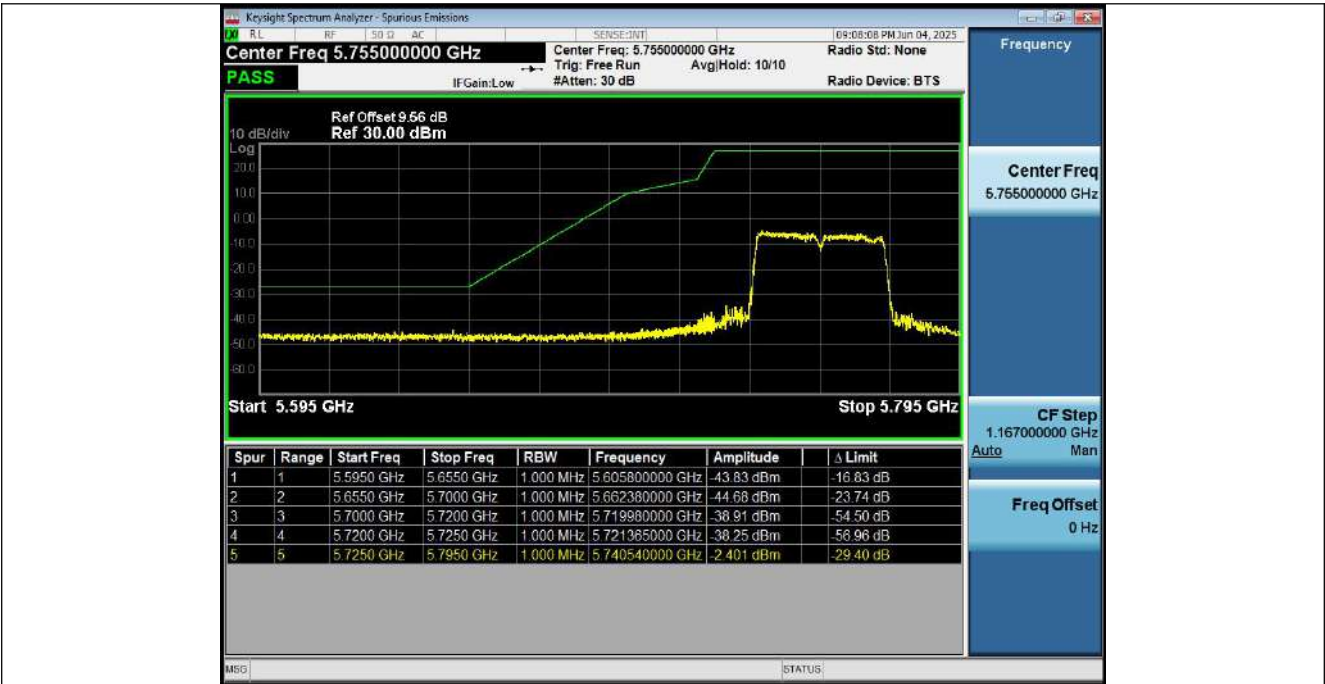
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5745



Bandedge_NVNT_ANT1_802_11ac(VHT20)_5825



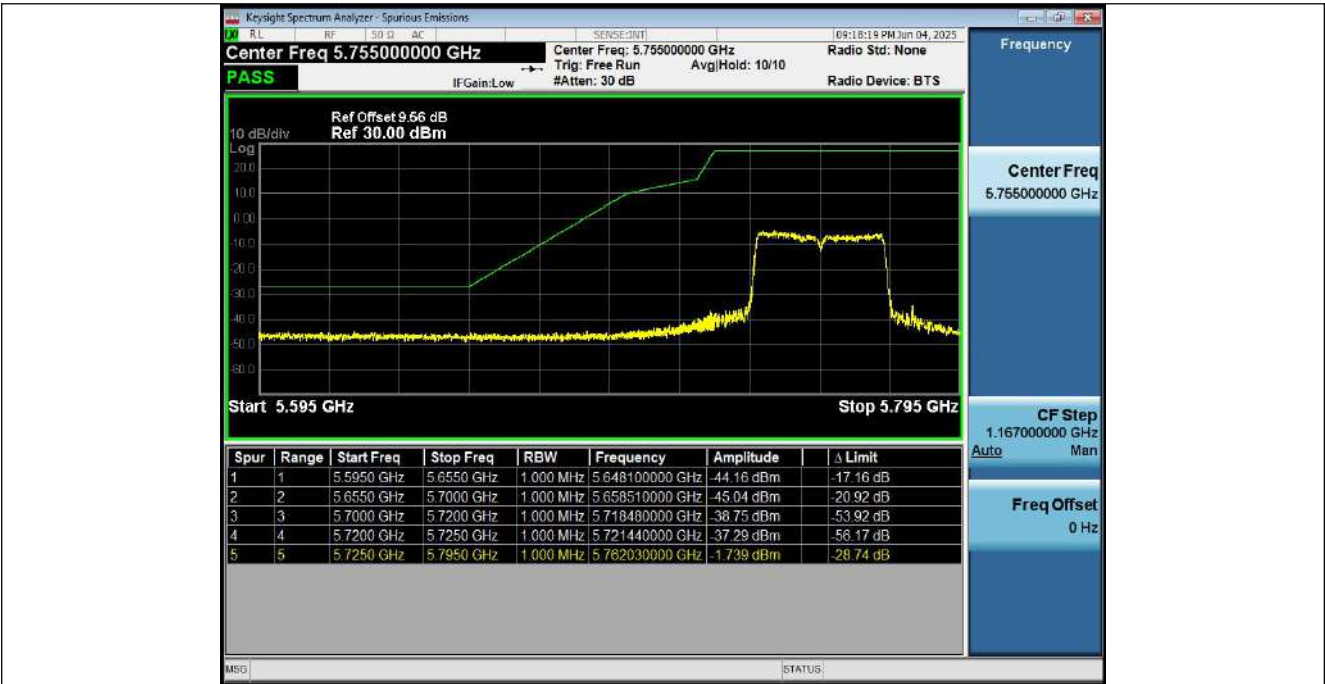
Bandedge_NVNT_ANT1_802_11n(HT40)_5755



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



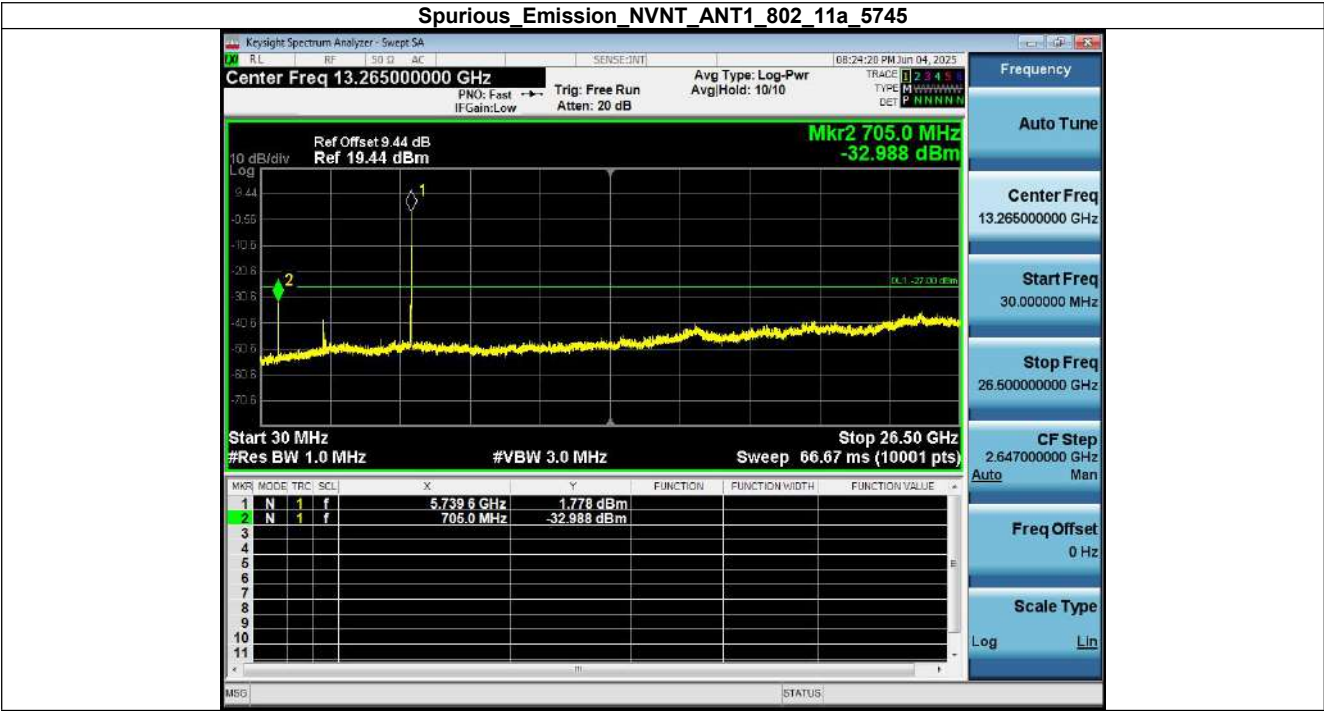
Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_up



6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	704.99	-32.99	-27	Pass
NVNT	ANT1	802.11a	5785.00	24975.33	-35.31	-27	Pass
NVNT	ANT1	802.11a	5825.00	2473.18	-29.27	-27	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	715.57	-27.61	-27	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	24983.27	-36.82	-27	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	2478.47	-29.55	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	25001.80	-36.22	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	704.99	-31.33	-27	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	25697.96	-36.33	-27	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	26174.42	-36.90	-27	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	704.99	-27.68	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	25065.33	-37.14	-27	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	718.22	-27.34	-27	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	25022.97	-35.45	-27	Pass

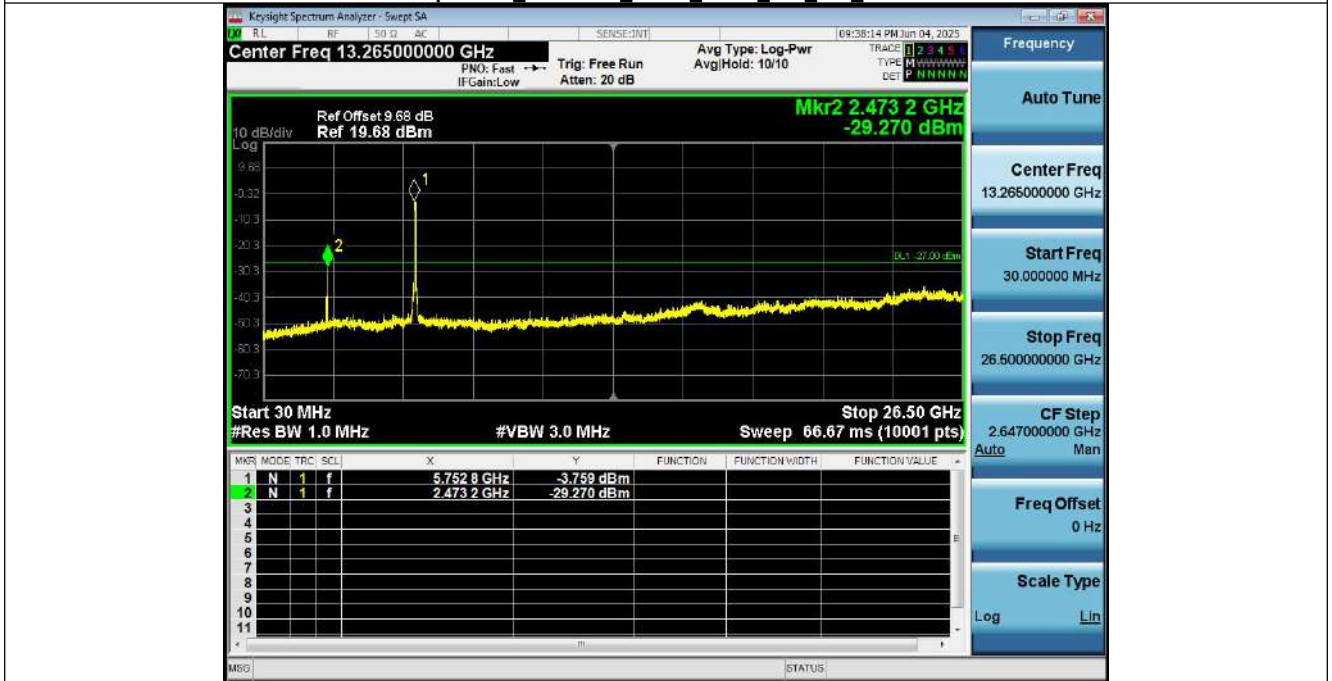
Note:1. The antenna gain is compensated in the test data.
2.2.65GHz-40GHz the Spurious leve margin is the largest, so the test data only reflects 30MHz-26.5GHz



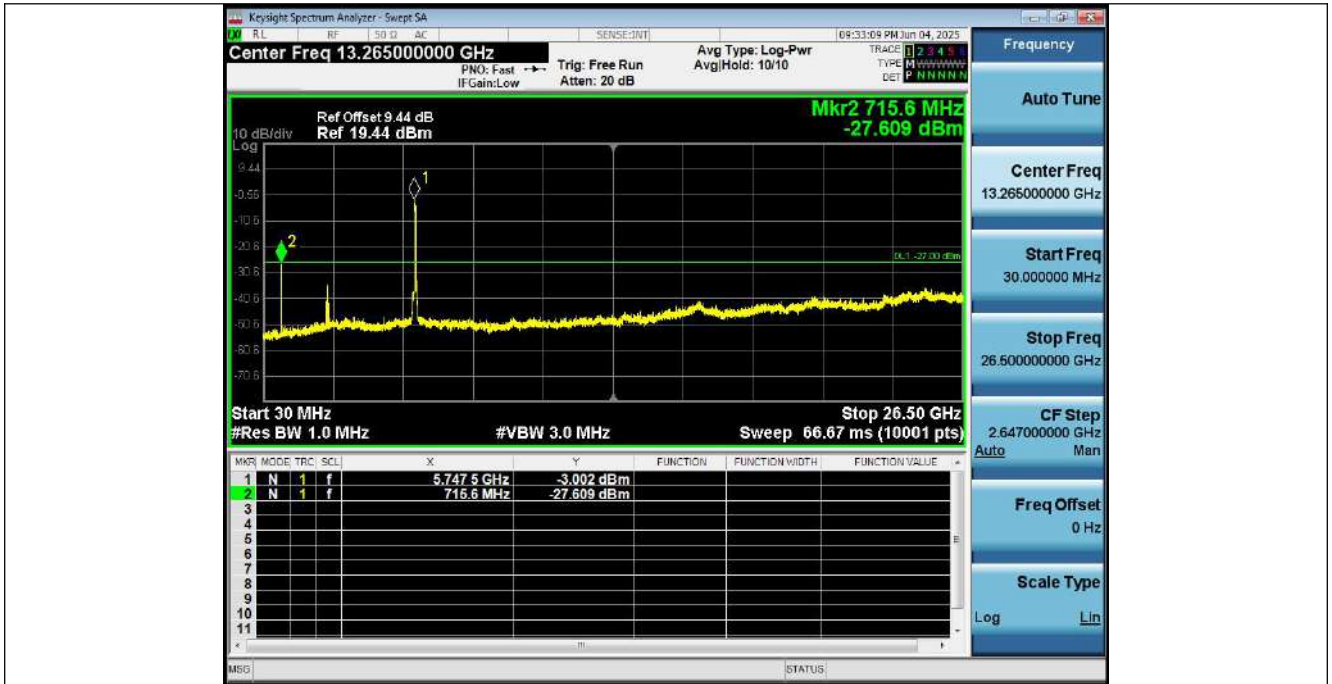
Spurious_Emission_NVNT_ANT1_802_11a_5785



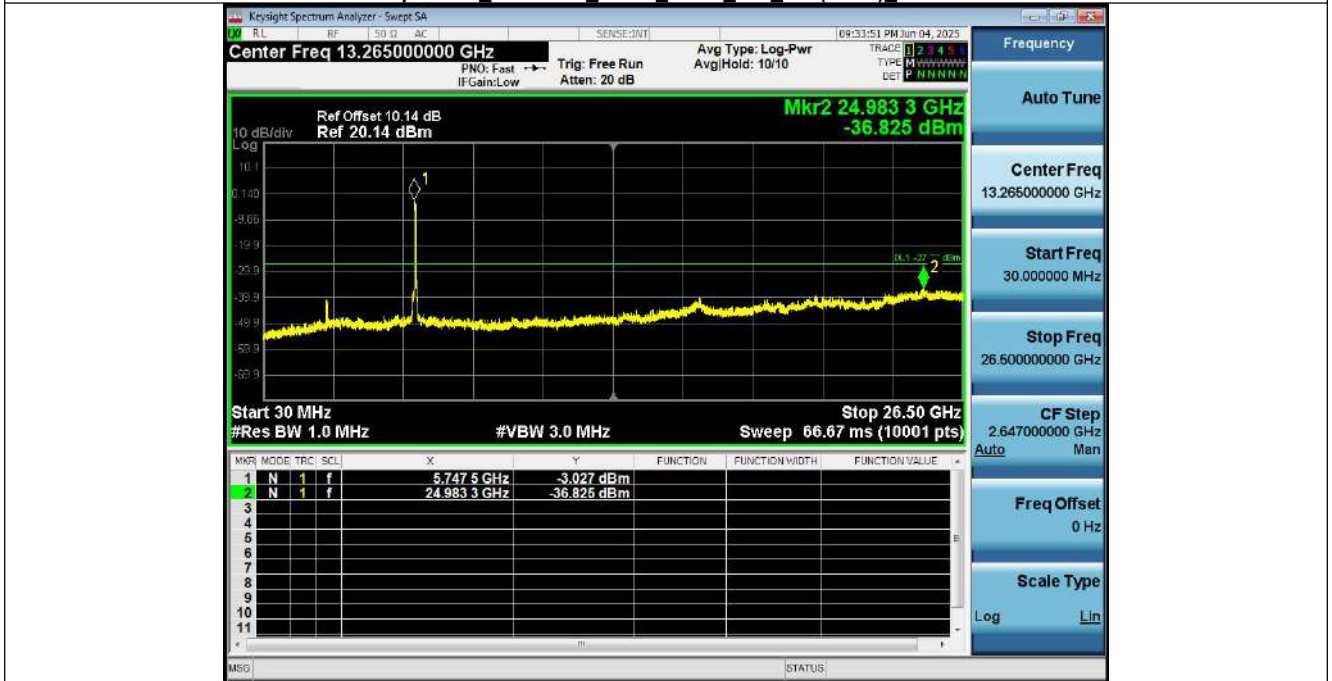
Spurious_Emission_NVNT_ANT1_802_11a_5825



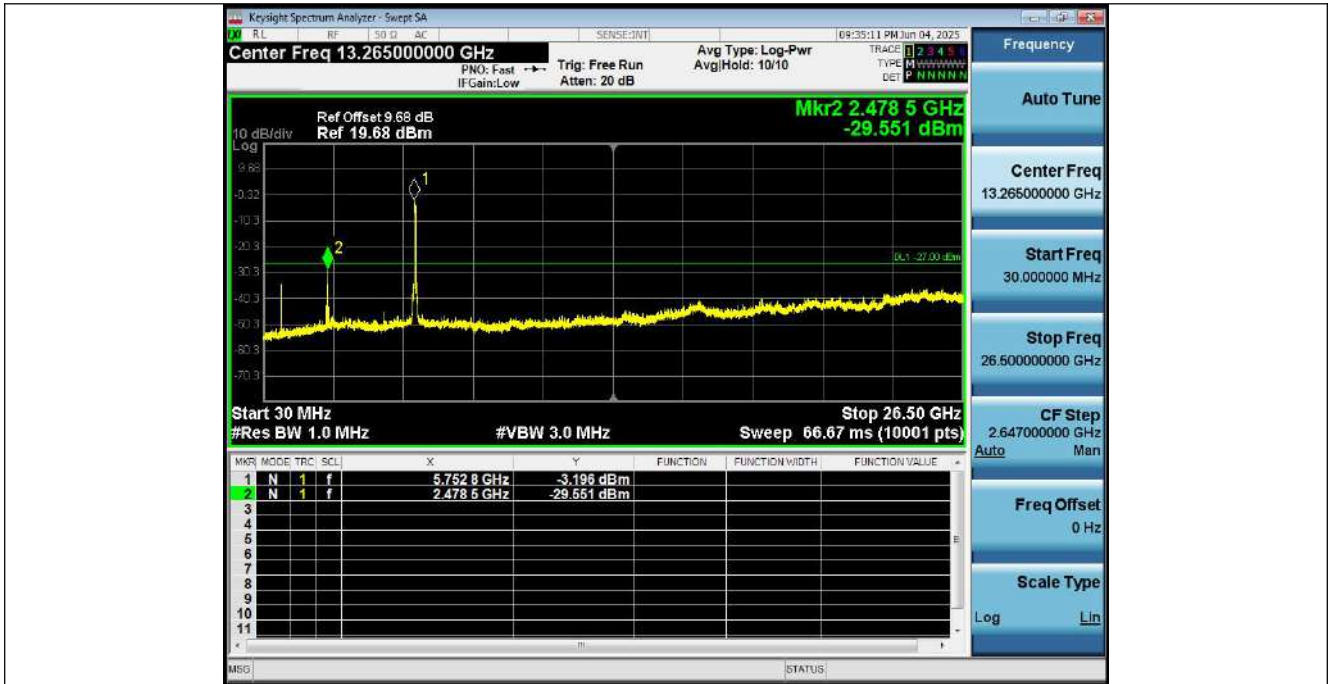
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5745



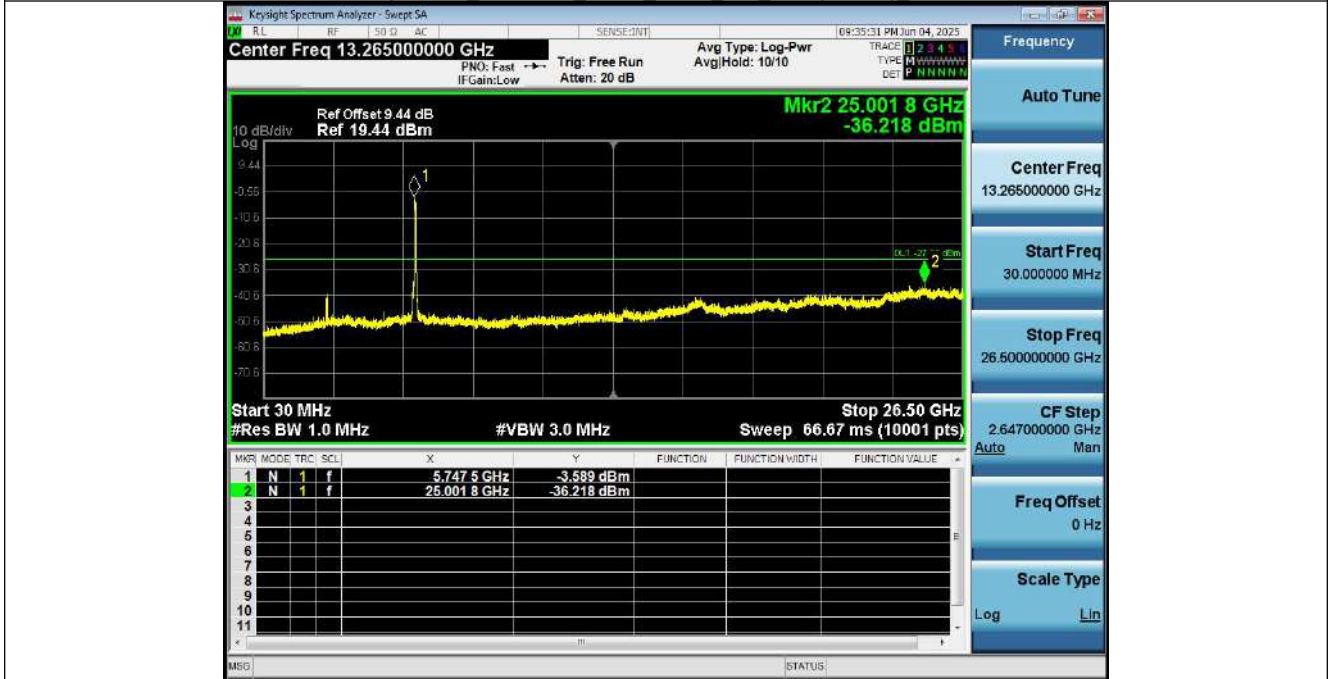
Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5785



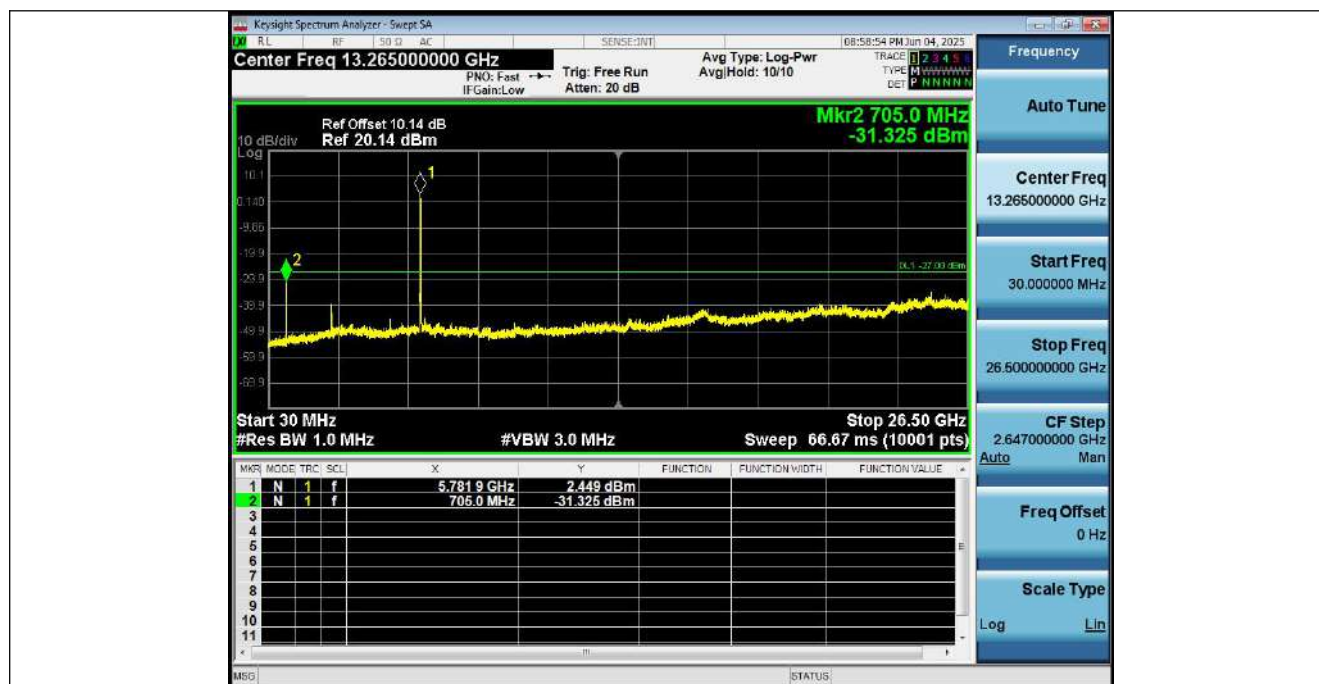
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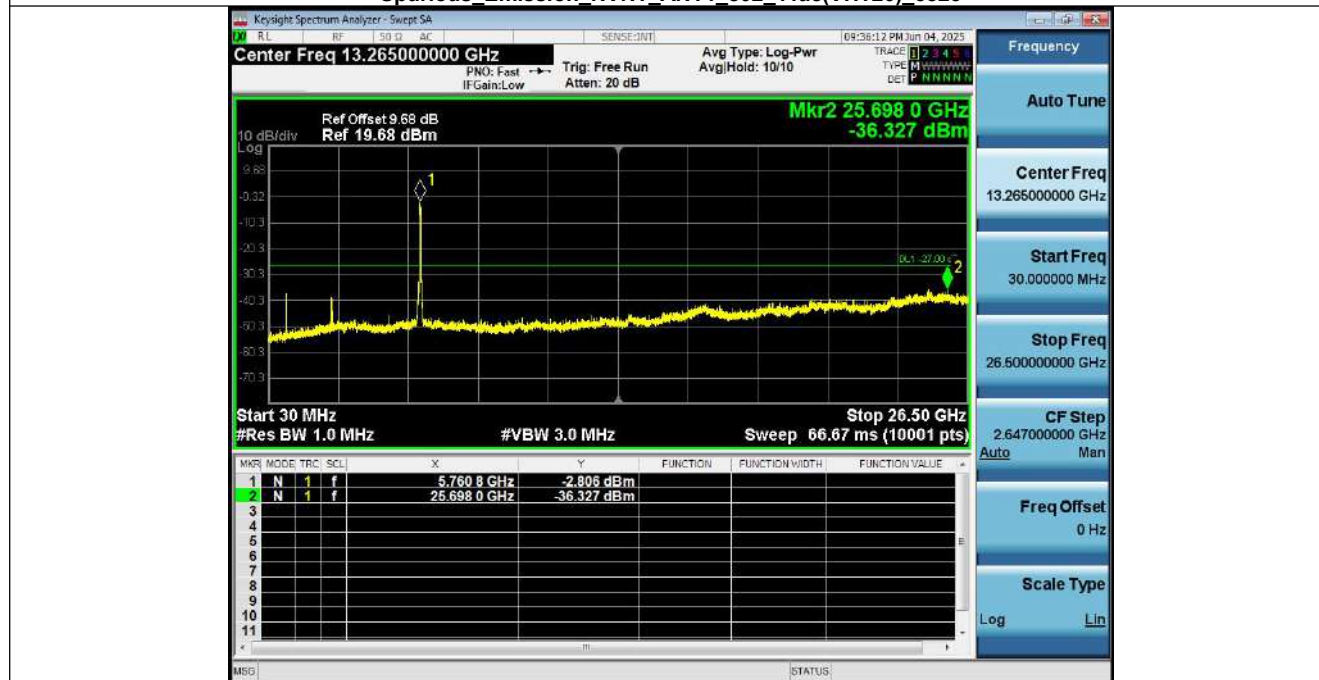
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5745



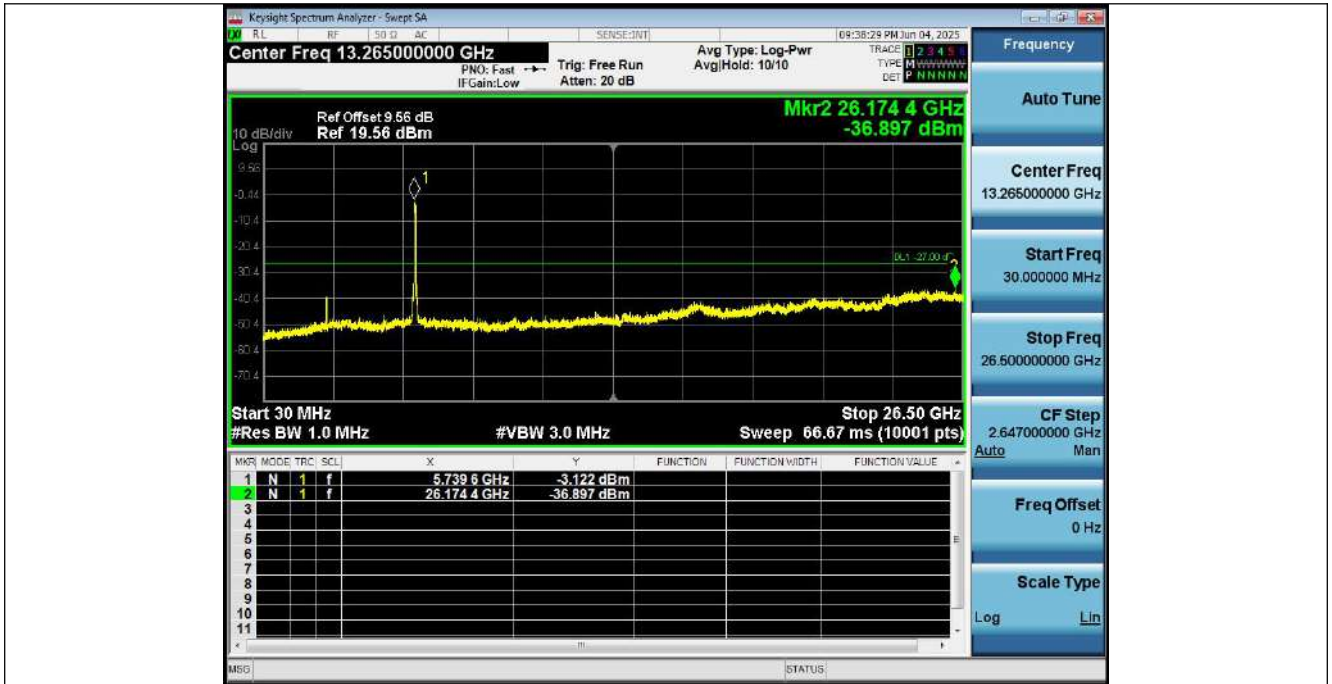
Spurious_Emission_NVNT_ANT1_802_11ac(VHT20)_5785



Spurious Emission NVNT_ANT1_802_11ac(VHT20)_5825



Spurious Emission NVNT_ANT1_802_11n(HT40)_5755



Spurious Emission NVNT_ANT1_802_11n(HT40)_5795



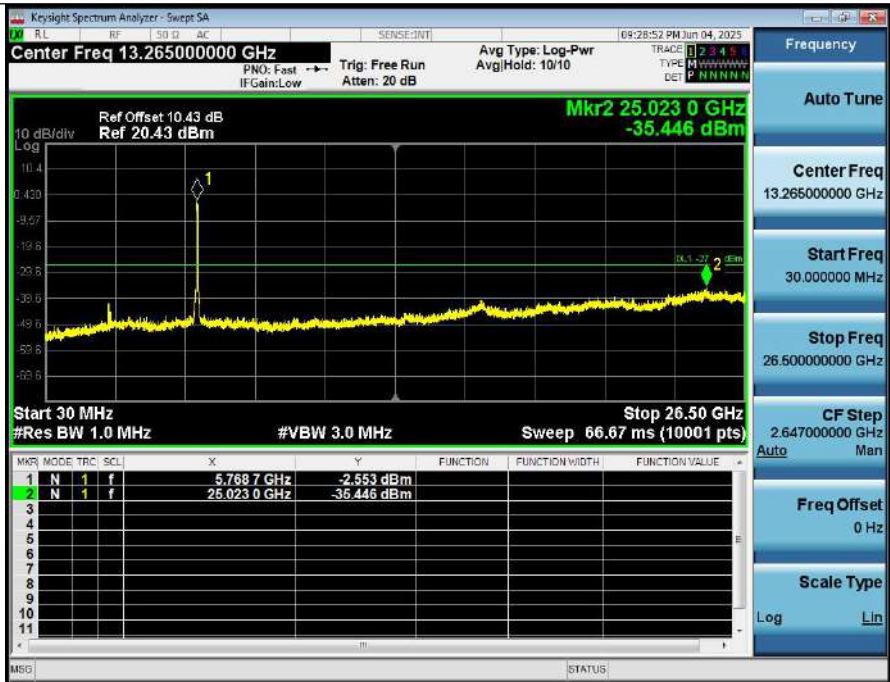
Spurious Emission NVNT_ANT1_802_11ac(VHT40)_5755



Spurious_Emission_NVNT_ANT1_802_11ac(VHT40)_5795



Spurious_Emission_NVNT_ANT1_802_11ac(VHT80)_5775



7. Frequency Stability

Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
55degrees C&11.1V	ANT1	802.11a	5745.00	5745.008	5736.312	5753.704	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11a	5745.00	5745.016	5736.632	5753.400	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11a	5745.00	5745.028	5736.776	5753.280	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11a	5745.00	5745.004	5736.860	5753.148	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11a	5745.00	5745.020	5736.920	5753.120	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11a	5745.00	5745.014	5736.980	5753.048	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11a	5745.00	5745.010	5737.032	5752.988	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11a	5745.00	5745.012	5737.080	5752.944	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11a	5745.00	5745.008	5737.120	5752.896	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11a	5745.00	5745.014	5737.164	5752.864	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11a	5745.00	5745.004	5737.212	5752.796	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11a	5785.00	5785.010	5776.364	5793.656	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11a	5785.00	5785.018	5776.636	5793.400	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11a	5785.00	5785.016	5776.776	5793.256	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11a	5785.00	5785.012	5776.856	5793.168	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11a	5785.00	5785.014	5776.920	5793.108	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11a	5785.00	5785.016	5776.968	5793.064	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11a	5785.00	5784.996	5777.020	5792.972	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11a	5785.00	5784.994	5777.076	5792.912	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11a	5785.00	5785.016	5777.120	5792.912	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11a	5785.00	5785.004	5777.156	5792.852	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11a	5785.00	5785.006	5777.192	5792.820	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11a	5825.00	5825.006	5816.332	5833.680	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11a	5825.00	5825.012	5816.624	5833.400	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11a	5825.00	5825.010	5816.772	5833.248	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11a	5825.00	5825.006	5816.848	5833.164	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11a	5825.00	5825.006	5816.920	5833.092	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11a	5825.00	5825.000	5816.968	5833.032	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11a	5825.00	5825.000	5817.020	5832.980	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11a	5825.00	5824.994	5817.060	5832.928	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11a	5825.00	5824.996	5817.104	5832.888	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11a	5825.00	5824.988	5817.140	5832.836	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11a	5825.00	5824.986	5817.176	5832.796	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11n(HT20)	5745.00	5745.016	5735.880	5754.152	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11n(HT20)	5745.00	5744.998	5736.120	5753.876	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11n(HT20)	5745.00	5745.008	5736.244	5753.772	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5745.00	5744.996	5736.328	5753.664	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11n(HT20)	5745.00	5745.002	5736.404	5753.600	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11n(HT20)	5745.00	5745.004	5736.472	5753.536	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11n(HT20)	5745.00	5745.008	5736.532	5753.484	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11n(HT20)	5745.00	5744.986	5736.588	5753.384	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11n(HT20)	5745.00	5744.998	5736.652	5753.344	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5745.00	5744.986	5736.692	5753.280	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11n(HT20)	5745.00	5744.990	5736.740	5753.240	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11n(HT20)	5785.00	5784.996	5775.880	5794.112	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11n(HT20)	5785.00	5785.000	5776.120	5793.880	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11n(HT20)	5785.00	5785.008	5776.252	5793.764	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5785.00	5785.004	5776.328	5793.680	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11n(HT20)	5785.00	5785.000	5776.396	5793.604	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11n(HT20)	5785.00	5784.996	5776.452	5793.540	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11n(HT20)	5785.00	5784.990	5776.512	5793.468	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11n(HT20)	5785.00	5784.992	5776.564	5793.420	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11n(HT20)	5785.00	5785.000	5776.624	5793.376	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5785.00	5784.986	5776.676	5793.296	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11n(HT20)	5785.00	5784.992	5776.732	5793.252	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11n(HT20)	5825.00	5824.990	5815.832	5834.148	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11n(HT20)	5825.00	5824.970	5816.052	5833.888	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11n(HT20)	5825.00	5824.982	5816.200	5833.764	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5825.00	5824.982	5816.288	5833.676	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11n(HT20)	5825.00	5824.994	5816.372	5833.616	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11n(HT20)	5825.00	5824.980	5816.436	5833.524	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11n(HT20)	5825.00	5824.988	5816.500	5833.476	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11n(HT20)	5825.00	5824.972	5816.544	5833.400	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11n(HT20)	5825.00	5824.984	5816.592	5833.376	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11n(HT20)	5825.00	5824.964	5816.636	5833.292	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11n(HT20)	5825.00	5824.972	5816.688	5833.256	5725~5850	Pass

55degrees C&11.1V	ANT1	802.11ac(VHT20)	5745.00	5745.028	5735.900	5754.156	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT20)	5745.00	5744.998	5736.116	5753.880	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT20)	5745.00	5745.016	5736.256	5753.776	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5745.00	5745.008	5736.332	5753.684	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT20)	5745.00	5745.000	5736.408	5753.592	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT20)	5745.00	5745.006	5736.464	5753.548	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT20)	5745.00	5744.996	5736.524	5753.468	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT20)	5745.00	5744.996	5736.576	5753.416	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT20)	5745.00	5744.990	5736.624	5753.356	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5745.00	5744.988	5736.668	5753.308	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT20)	5745.00	5744.982	5736.724	5753.240	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11ac(VHT20)	5785.00	5785.002	5775.864	5794.140	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT20)	5785.00	5784.992	5776.100	5793.884	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT20)	5785.00	5785.010	5776.244	5793.776	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5785.00	5784.990	5776.316	5793.664	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT20)	5785.00	5785.014	5776.400	5793.628	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT20)	5785.00	5784.996	5776.456	5793.536	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT20)	5785.00	5785.004	5776.508	5793.500	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT20)	5785.00	5784.986	5776.564	5793.408	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT20)	5785.00	5784.986	5776.632	5793.340	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5785.00	5785.000	5776.688	5793.312	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT20)	5785.00	5784.996	5776.736	5793.256	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11ac(VHT20)	5825.00	5824.974	5815.808	5834.140	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT20)	5825.00	5824.976	5816.084	5833.868	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT20)	5825.00	5824.992	5816.220	5833.764	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5825.00	5824.988	5816.296	5833.680	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT20)	5825.00	5824.968	5816.364	5833.572	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT20)	5825.00	5824.974	5816.420	5833.528	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT20)	5825.00	5824.980	5816.480	5833.480	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT20)	5825.00	5824.978	5816.528	5833.428	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT20)	5825.00	5824.956	5816.584	5833.328	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT20)	5825.00	5824.962	5816.640	5833.284	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT20)	5825.00	5824.978	5816.696	5833.260	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11n(HT40)	5755.00	5755.060	5736.744	5773.376	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11n(HT40)	5755.00	5755.036	5736.904	5773.168	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11n(HT40)	5755.00	5755.020	5737.040	5773.000	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11n(HT40)	5755.00	5754.992	5737.136	5772.848	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11n(HT40)	5755.00	5755.028	5737.248	5772.808	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11n(HT40)	5755.00	5755.028	5737.336	5772.720	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11n(HT40)	5755.00	5755.004	5737.432	5772.576	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11n(HT40)	5755.00	5754.968	5737.504	5772.432	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11n(HT40)	5755.00	5754.984	5737.576	5772.392	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11n(HT40)	5755.00	5754.964	5737.640	5772.288	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11n(HT40)	5755.00	5754.944	5737.728	5772.160	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11n(HT40)	5795.00	5795.032	5776.712	5813.352	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11n(HT40)	5795.00	5795.040	5776.912	5813.168	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11n(HT40)	5795.00	5795.036	5777.048	5813.024	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11n(HT40)	5795.00	5795.040	5777.176	5812.904	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11n(HT40)	5795.00	5795.056	5777.272	5812.840	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11n(HT40)	5795.00	5795.032	5777.360	5812.704	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11n(HT40)	5795.00	5795.036	5777.448	5812.624	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11n(HT40)	5795.00	5795.056	5777.528	5812.584	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11n(HT40)	5795.00	5794.996	5777.592	5812.400	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11n(HT40)	5795.00	5794.980	5777.664	5812.296	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11n(HT40)	5795.00	5795.040	5777.744	5812.336	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11ac(VHT40)	5755.00	5755.052	5736.728	5773.376	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT40)	5755.00	5755.016	5736.888	5773.144	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT40)	5755.00	5755.024	5737.024	5773.024	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT40)	5755.00	5755.000	5737.112	5772.888	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT40)	5755.00	5755.012	5737.224	5772.800	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT40)	5755.00	5754.988	5737.304	5772.672	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT40)	5755.00	5755.008	5737.400	5772.616	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT40)	5755.00	5754.972	5737.472	5772.472	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT40)	5755.00	5754.960	5737.560	5772.360	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT40)	5755.00	5754.952	5737.624	5772.280	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT40)	5755.00	5754.928	5737.704	5772.152	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11ac(VHT40)	5795.00	5795.052	5776.704	5813.400	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT40)	5795.00	5795.036	5776.904	5813.168	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT40)	5795.00	5795.028	5777.032	5813.024	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT40)	5795.00	5795.020	5777.120	5812.920	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT40)	5795.00	5794.996	5777.232	5812.760	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT40)	5795.00	5795.004	5777.328	5812.680	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT40)	5795.00	5795.004	5777.408	5812.600	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT40)	5795.00	5794.996	5777.488	5812.504	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT40)	5795.00	5794.988	5777.560	5812.416	5725~5850	Pass

25degrees C&11.1V	ANT1	802.11ac(VHT40)	5795.00	5794.964	5777.624	5812.304	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT40)	5795.00	5794.952	5777.688	5812.216	5725~5850	Pass
55degrees C&11.1V	ANT1	802.11ac(VHT80)	5775.00	5775.078	5737.044	5813.112	5725~5850	Pass
45degrees C&11.1V	ANT1	802.11ac(VHT80)	5775.00	5774.988	5737.224	5812.752	5725~5850	Pass
35degrees C&11.1V	ANT1	802.11ac(VHT80)	5775.00	5775.006	5737.416	5812.596	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT80)	5775.00	5774.928	5737.548	5812.308	5725~5850	Pass
15degrees C&11.1V	ANT1	802.11ac(VHT80)	5775.00	5774.898	5737.680	5812.116	5725~5850	Pass
5degrees C&11.1V	ANT1	802.11ac(VHT80)	5775.00	5774.808	5737.824	5811.792	5725~5850	Pass
-5degrees C&11.1V	ANT1	802.11ac(VHT80)	5775.00	5774.766	5737.992	5811.540	5725~5850	Pass
-15degrees C&11.1V	ANT1	802.11ac(VHT80)	5775.00	5774.772	5738.112	5811.432	5725~5850	Pass
25degrees C&12.77V	ANT1	802.11ac(VHT80)	5775.00	5774.694	5738.256	5811.132	5725~5850	Pass
25degrees C&11.1V	ANT1	802.11ac(VHT80)	5775.00	5774.550	5738.388	5810.712	5725~5850	Pass
25degrees C&9.44V	ANT1	802.11ac(VHT80)	5775.00	5774.520	5738.556	5810.484	5725~5850	Pass