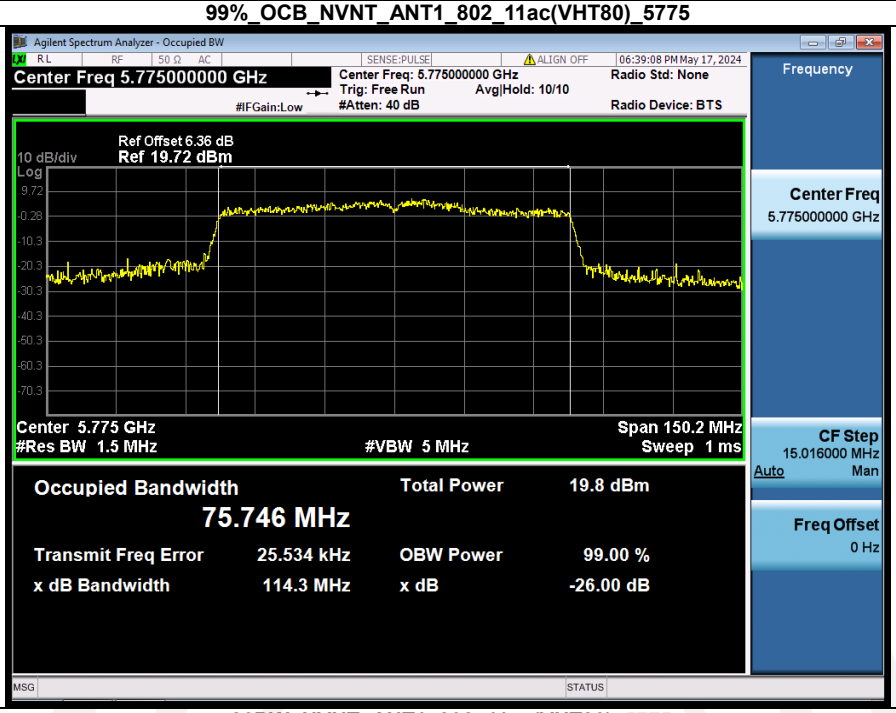
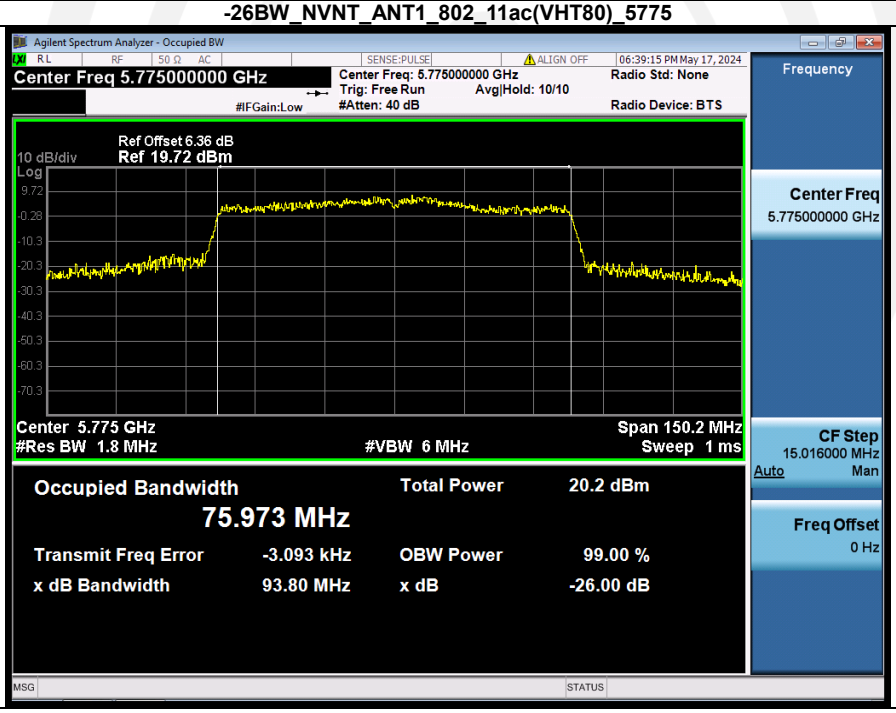
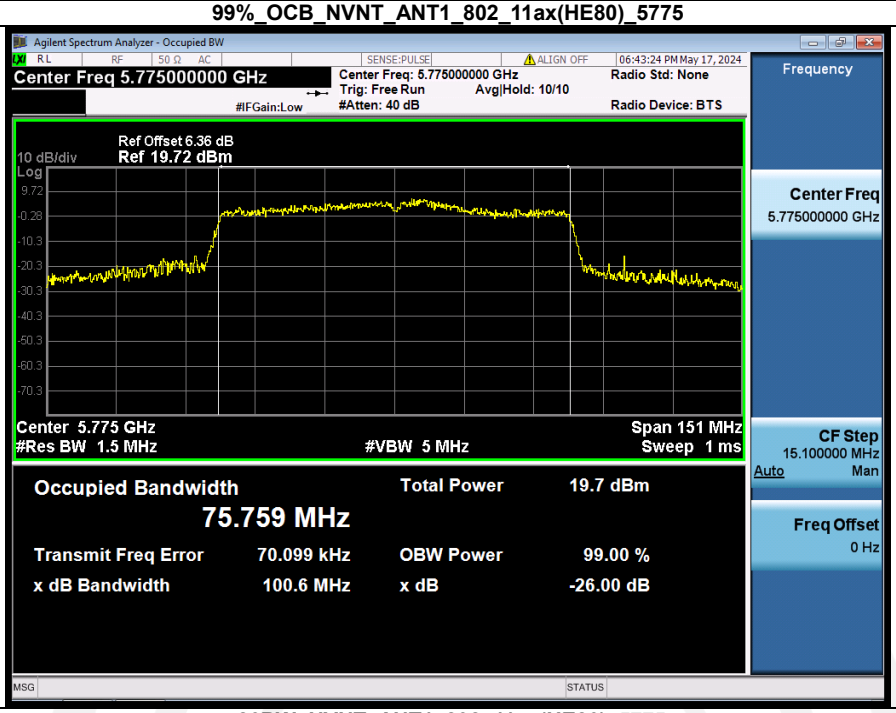
99%_OCB_NVNT_ANT1_802_11ac(VHT80)_5775



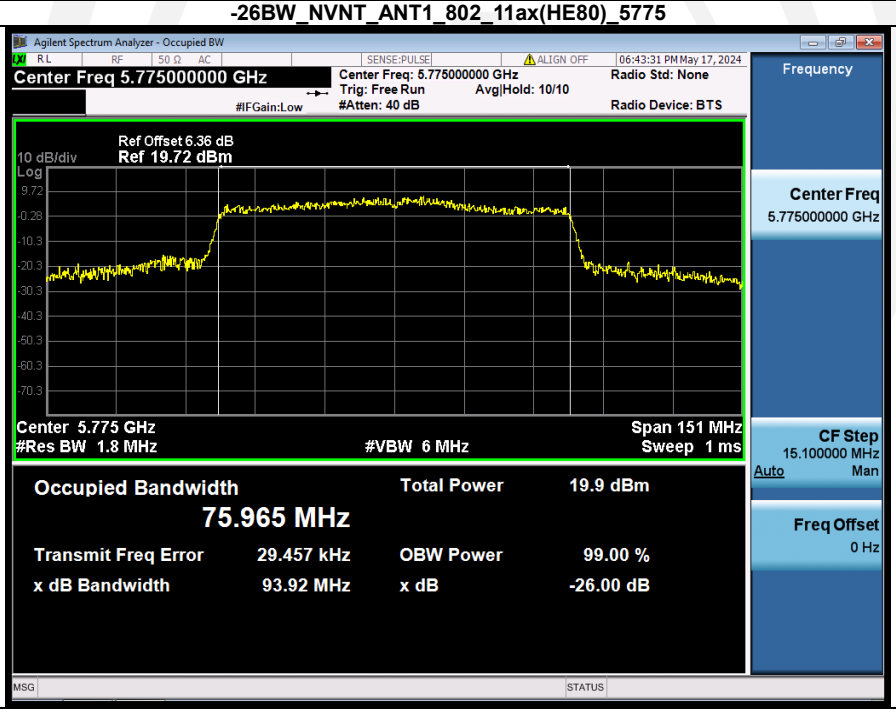
-26BW_NVNT_ANT1_802_11ac(VHT80)_5775



99%_OCB_NVNT_ANT1_802_11ax(HE80)_5775

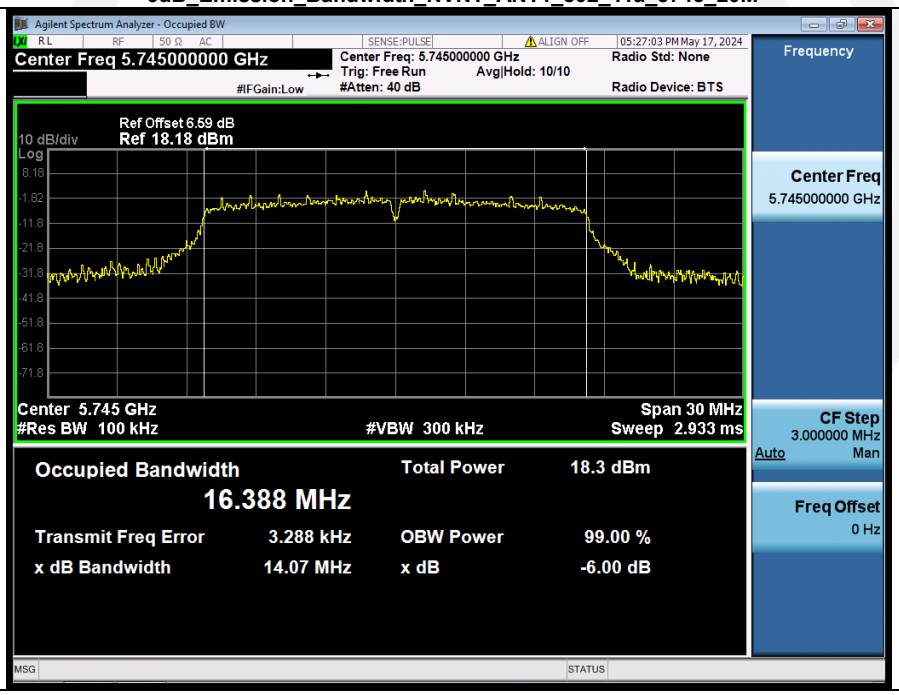


-26BW_NVNT_ANT1_802_11ax(HE80)_5775

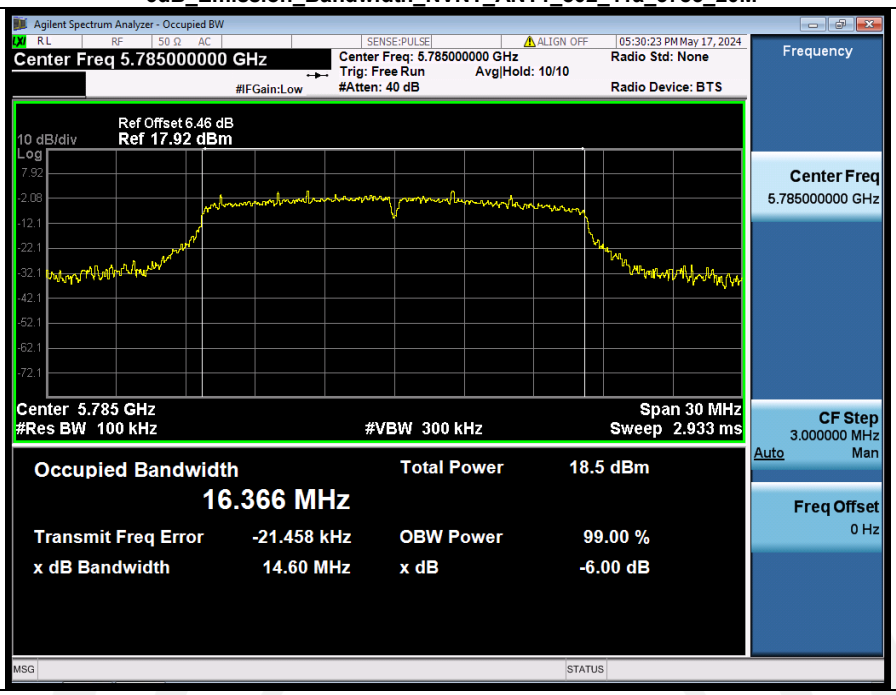


Condition	Antenna	Mode	Frequency(MHz)	6dB_Emission_Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	14.071	0.500	Pass
NVNT	ANT1	802.11a	5785.00	14.600	0.500	Pass
NVNT	ANT1	802.11a	5825.00	15.330	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	15.123	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	14.232	0.500	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	15.314	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	15.130	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	15.081	0.500	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	15.102	0.500	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	15.122	0.500	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	13.897	0.500	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	15.136	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	35.165	0.500	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	35.244	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	35.120	0.500	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	35.225	0.500	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	35.178	0.500	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	35.376	0.500	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	75.244	0.500	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	75.238	0.500	Pass

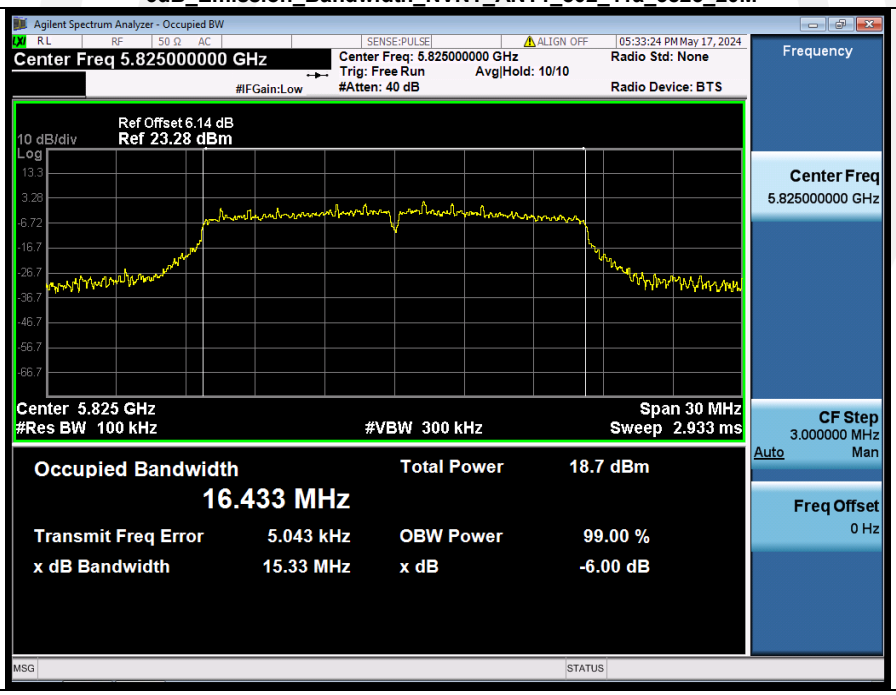
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5745_20M

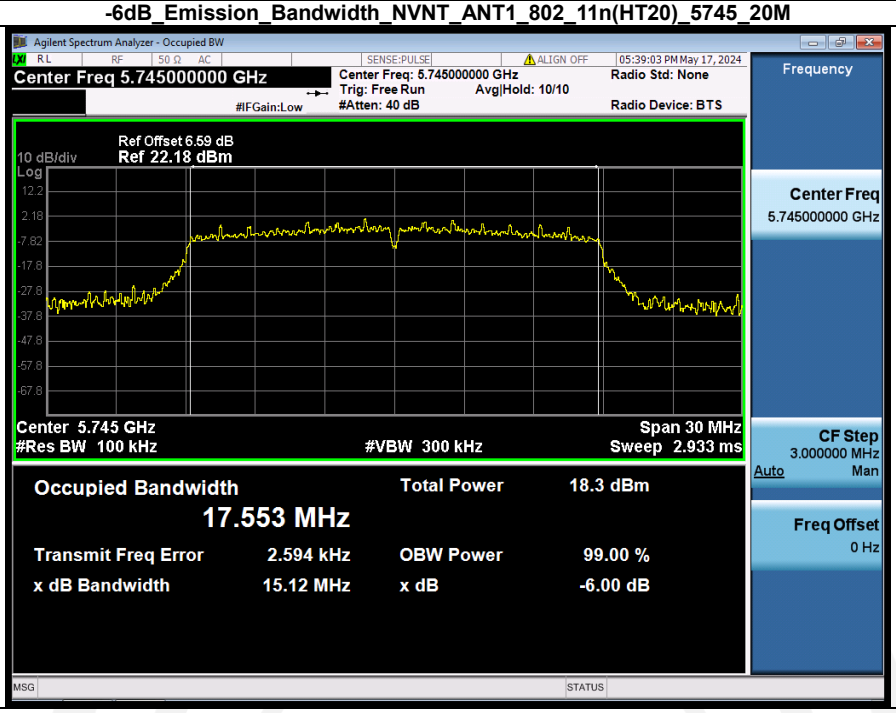


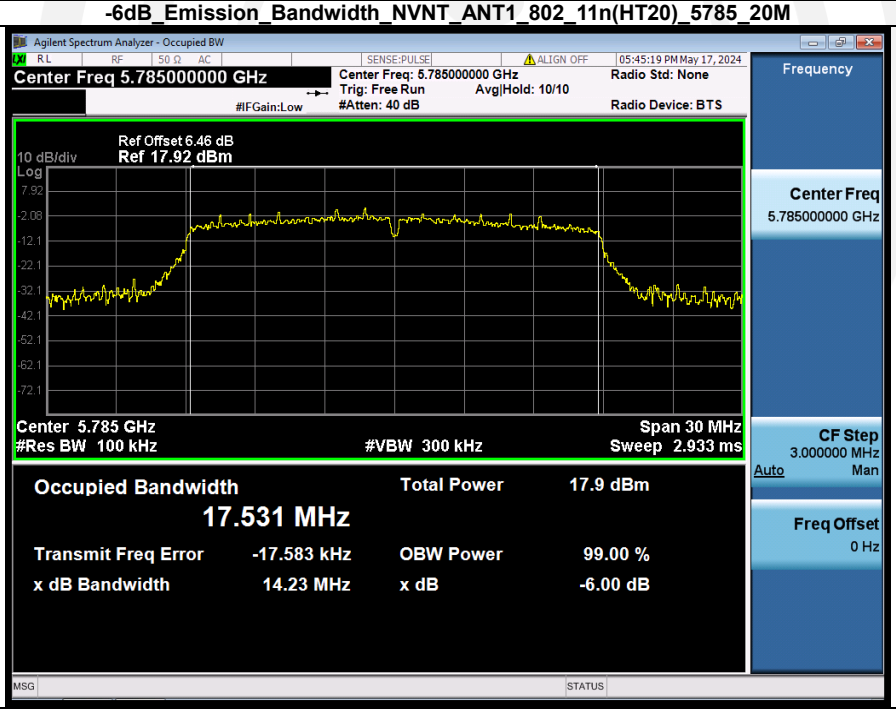
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5785_20M

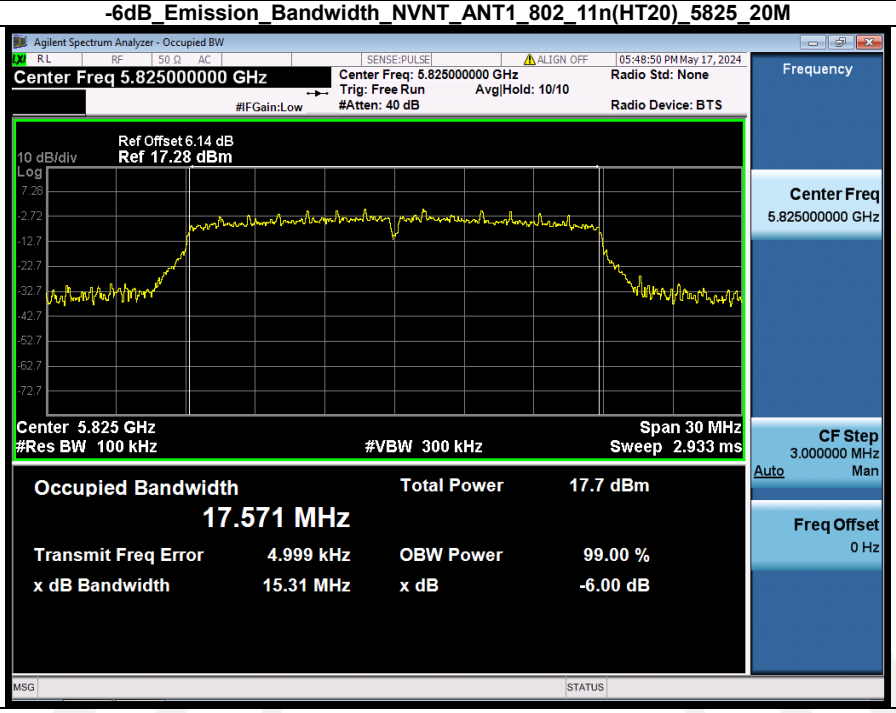


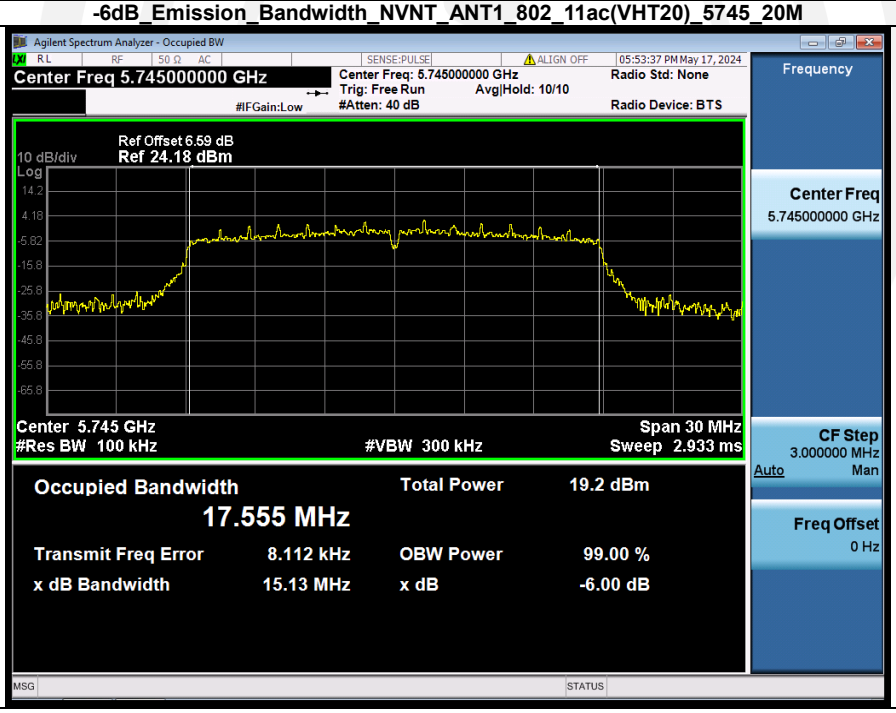
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5825_20M



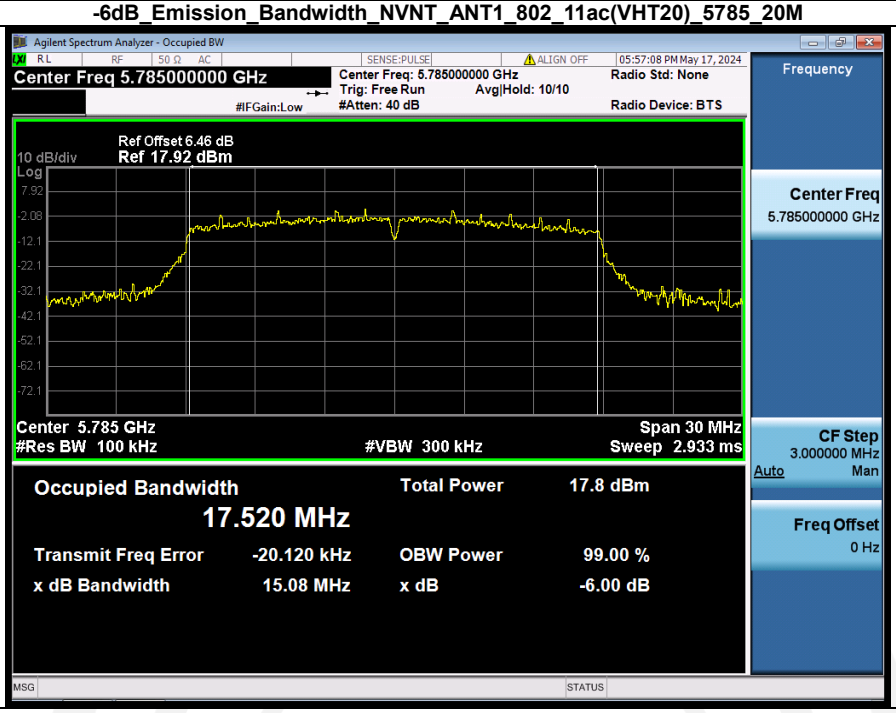
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5745_20M


-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5785_20M


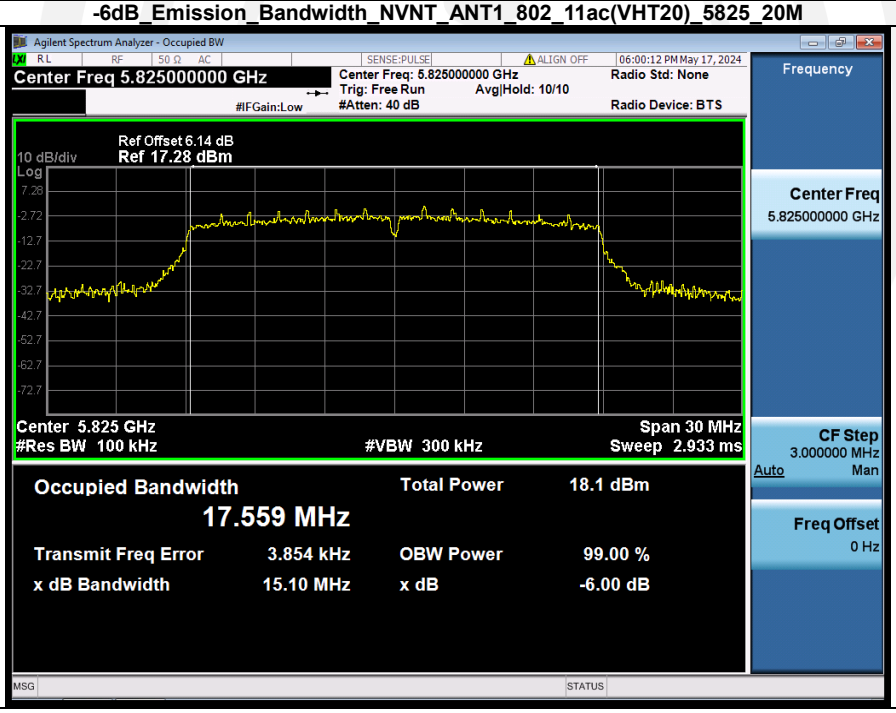
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5825_20M


-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5745_20M


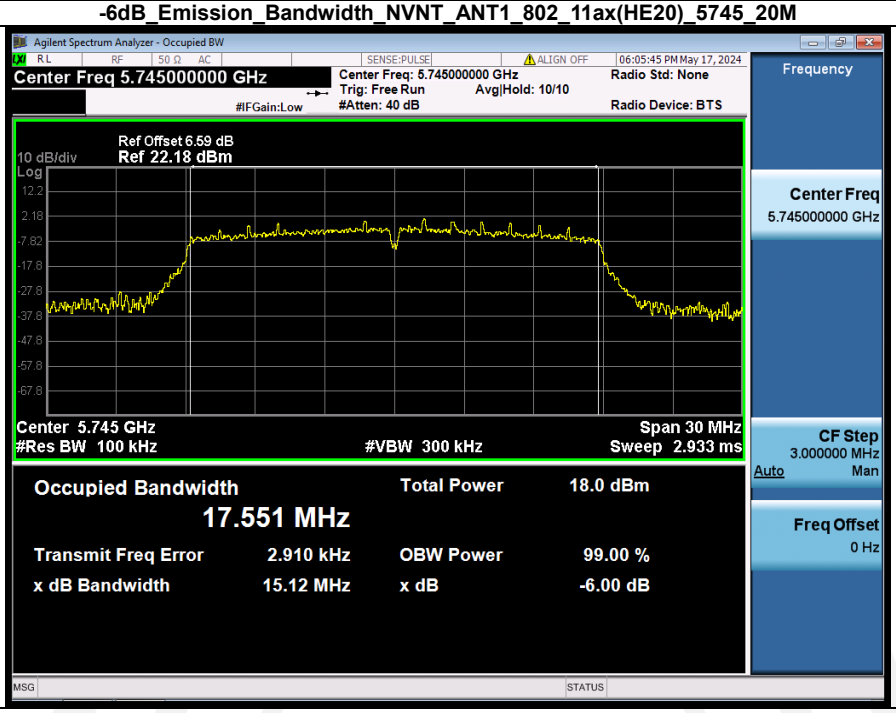
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5785_20M



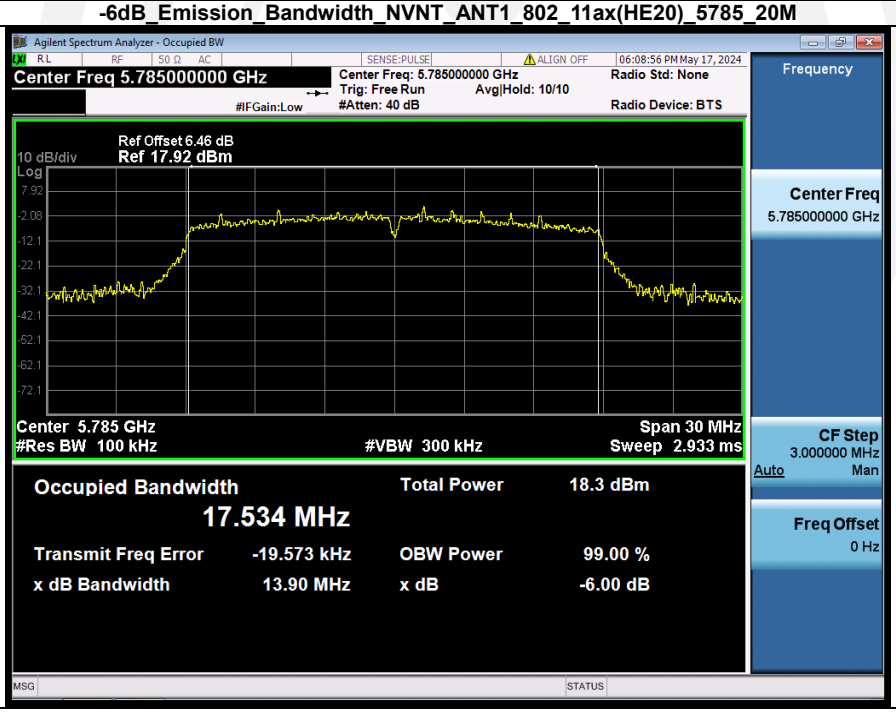
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT20)_5825_20M

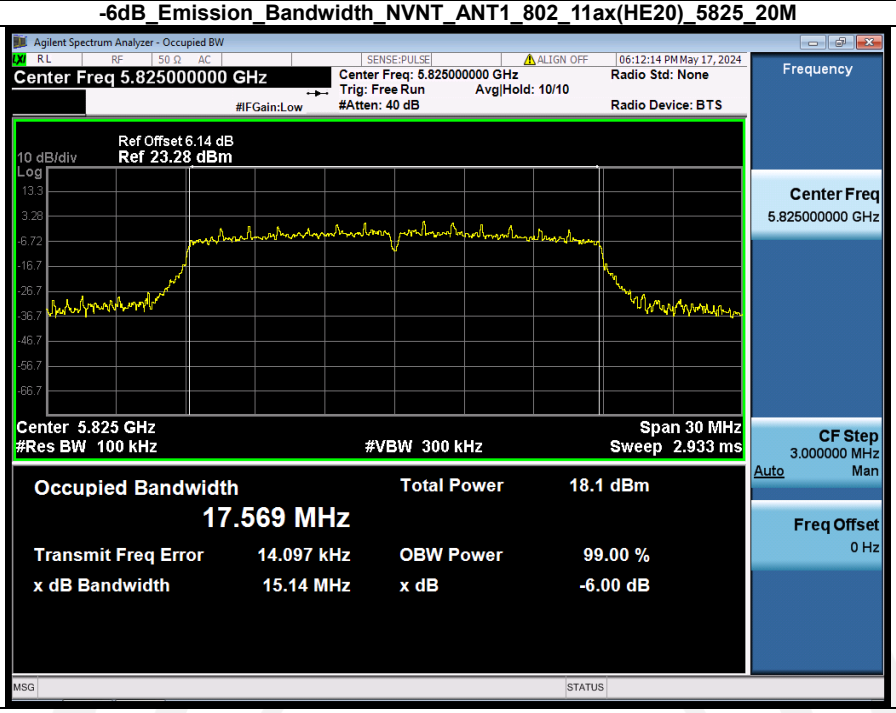


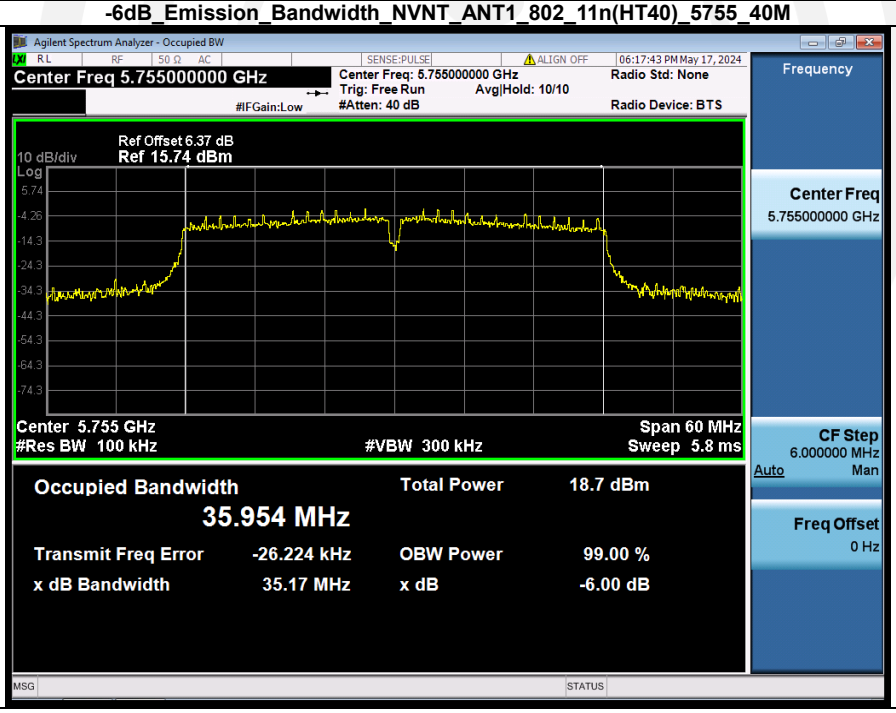
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE20)_5745_20M



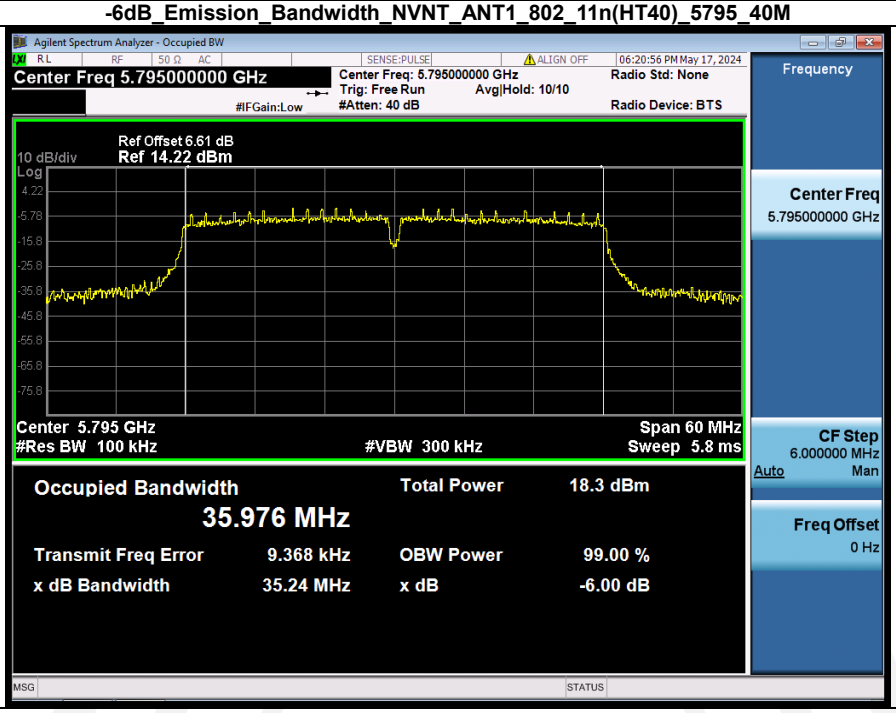
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE20)_5785_20M



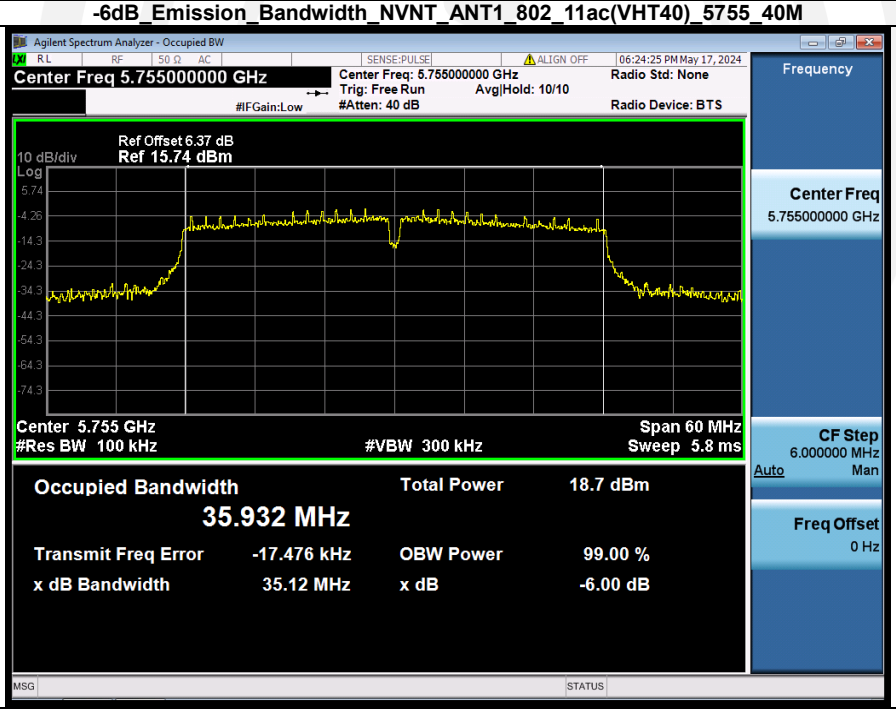
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE20)_5825_20M


-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT40)_5755_40M


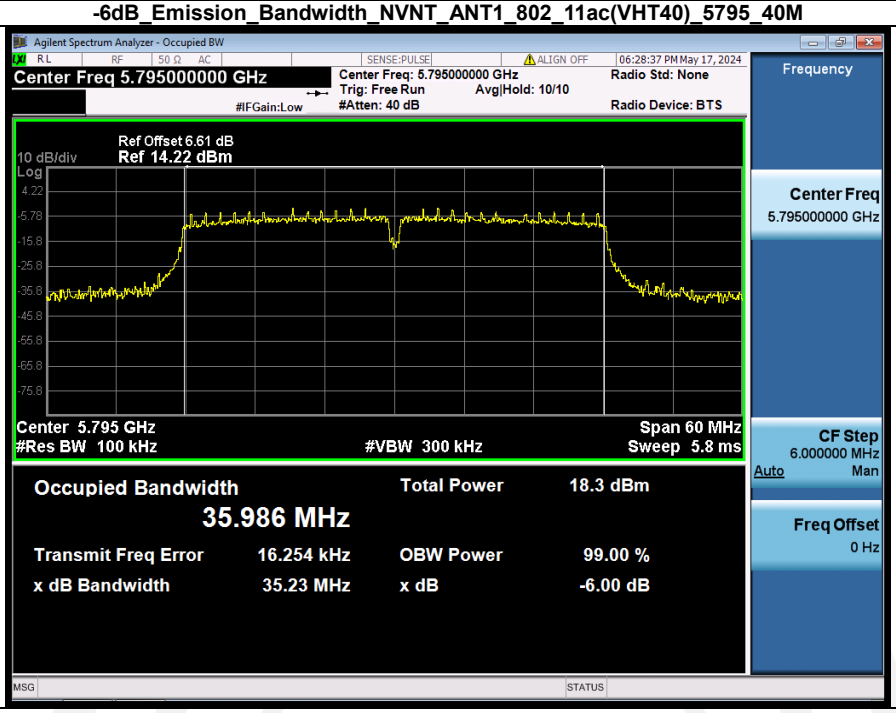
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT40)_5795_40M



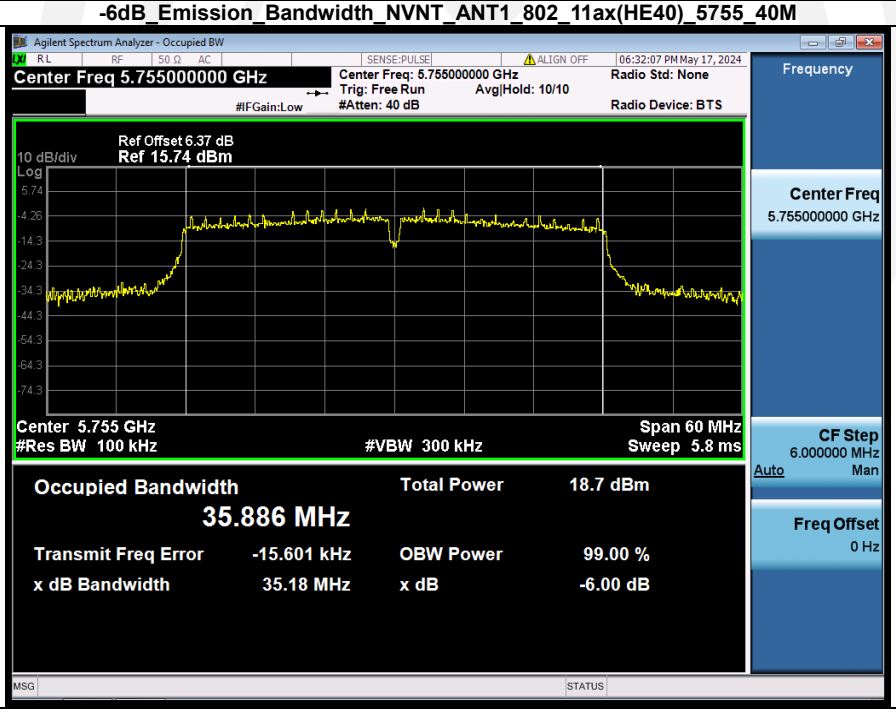
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5755_40M



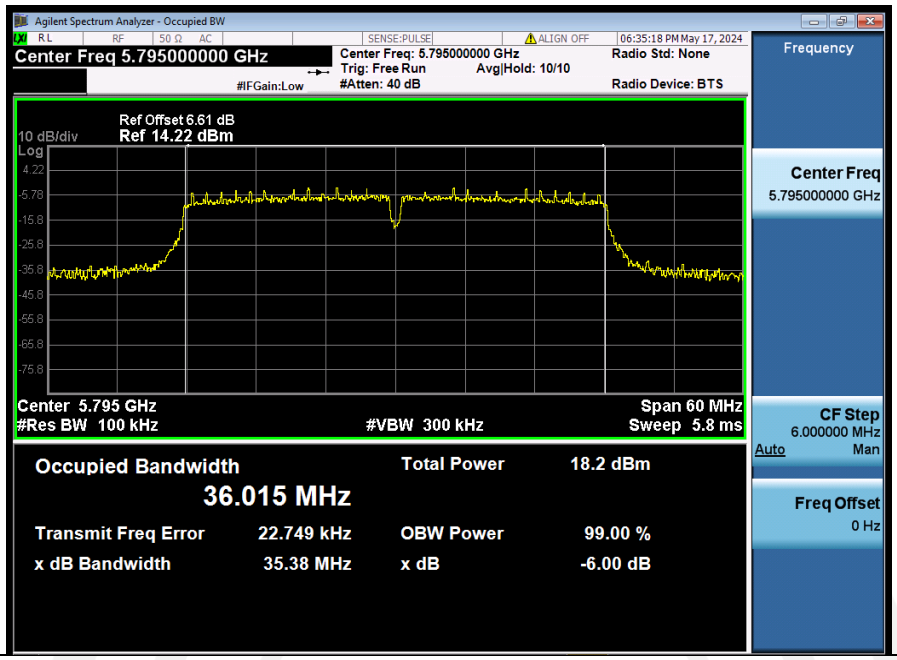
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT40)_5795_40M



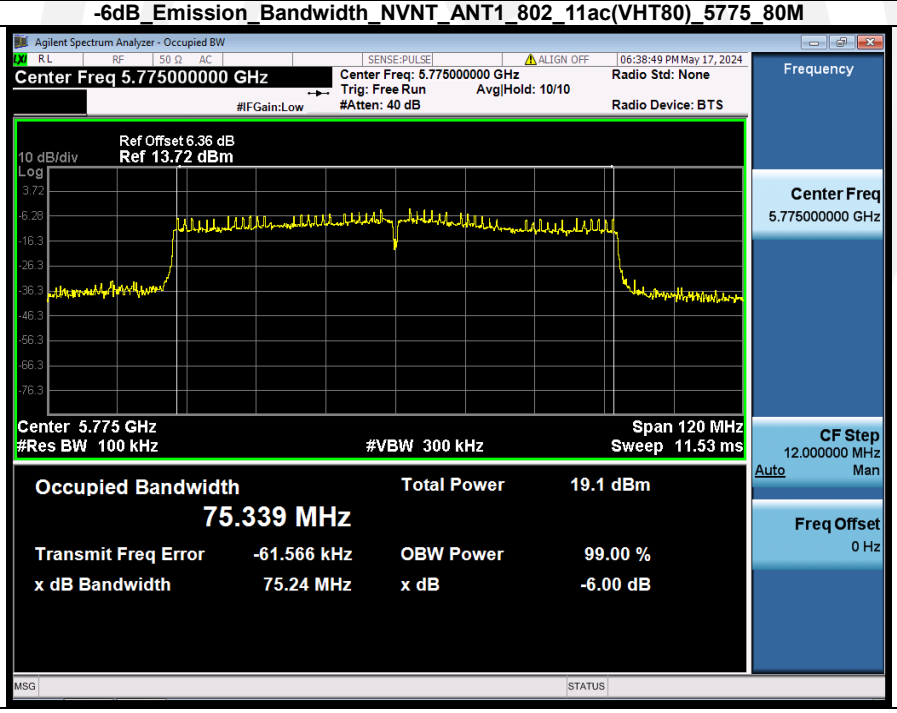
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE40)_5755_40M

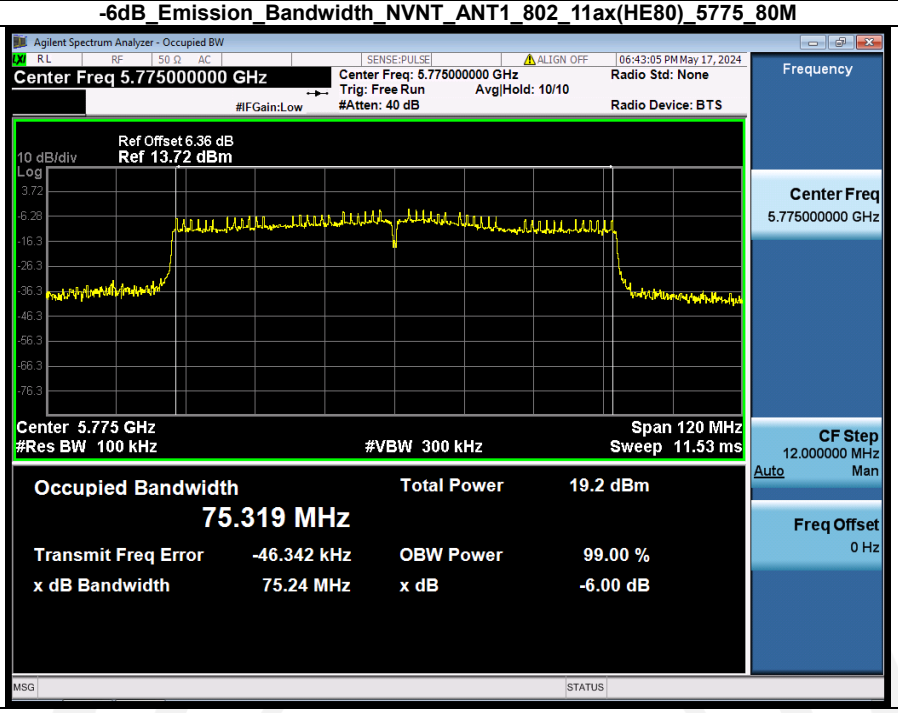


-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE40)_5795_40M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ac(VHT80)_5775_80M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11ax(HE80)_5775_80M


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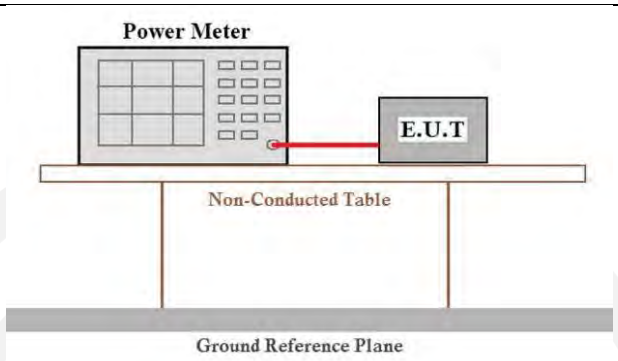
4.4 Peak Transmit Power

Test Requirement:	FCC Part15 E Section 15.407
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	For the band 5.15-5.25GHz, 5.25-5.35GHz, 5.47-5.725GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 250mW. For the band 5.725-5.85GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 1W.
Test setup:	
Test procedure:	**Measurement using an RF average power meter** (i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied a) The EUT is configured to transmit continuously or to transmit with a constant duty cycle. b) At all times when the EUT is transmitting, it must be transmitting at its maximum power control level. c) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five. (ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in section B). (iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter. (iv) Adjust the measurement in dBm by adding 10 log(1/x) where x is the duty cycle (e.g., 10log(1/0.25) if the duty cycle is 25 percent).
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

Measurement Data

Band 1 (5150-5250 MHz)

SISO:

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	13.94	0.47	14.41	24	Pass
NVNT	ANT1	802.11a	5200.00	13.90	0.41	14.31	24	Pass
NVNT	ANT1	802.11a	5240.00	14.01	0.47	14.48	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	13.54	0.56	14.10	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	13.18	0.49	13.67	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	13.45	0.55	14.00	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	12.95	0.48	13.43	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	13.23	0.55	13.78	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	13.58	0.14	13.72	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	13.08	0.91	13.99	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	12.88	0.94	13.82	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	13.06	1.06	14.12	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	12.86	1.06	13.92	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	12.93	1.66	**14.59**	24	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	12.88	0.55	13.43	24	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	12.81	0.62	13.43	24	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	13.04	0.55	13.59	24	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	13.08	1.06	14.14	24	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	12.19	0.91	13.10	24	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	12.08	1.66	13.74	24	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT2	802.11a	5180.00	12.39	0.47	12.69	24	Pass
NVNT	ANT2	802.11a	5200.00	12.22	0.41	12.68	24	Pass
NVNT	ANT2	802.11a	5240.00	12.27	0.47	11.79	24	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	11.32	0.56	12.16	24	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	11.60	0.49	12.03	24	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	11.54	0.55	11.92	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	11.37	0.48	12.12	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	11.64	0.55	12.24	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	11.69	0.14	11.70	24	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	11.56	0.91	12.25	24	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	11.34	0.94	12.41	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	11.47	1.06	12.36	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	11.30	1.06	12.06	24	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	11.00	1.66	13.13	24	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	11.47	0.55	12.29	24	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	11.74	0.62	12.21	24	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	11.59	0.55	12.14	24	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	11.59	1.06	12.39	24	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	11.33	0.91	12.00	24	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	11.09	1.66	**13.74**	24	Pass

Condition	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	802.11a	5180.00	89.74	0.47
NVNT	802.11a	5200.00	90.91	0.41
NVNT	802.11a	5240.00	89.74	0.47
NVNT	802.11n(HT20)	5180.00	87.88	0.56
NVNT	802.11n(HT20)	5200.00	89.23	0.49
NVNT	802.11n(HT20)	5240.00	88.06	0.55
NVNT	802.11ac(VHT20)	5180.00	89.55	0.48
NVNT	802.11ac(VHT20)	5200.00	88.06	0.55
NVNT	802.11ac(VHT20)	5240.00	96.72	0.14
NVNT	802.11n(HT40)	5190.00	81.08	0.91
NVNT	802.11n(HT40)	5230.00	80.56	0.94
NVNT	802.11ac(VHT40)	5190.00	78.38	1.06
NVNT	802.11ac(VHT40)	5230.00	78.38	1.06
NVNT	802.11ac(VHT80)	5210.00	68.18	1.66
NVNT	802.11ax(HE20)	5180.00	88.06	0.55
NVNT	802.11ax(HE20)	5200.00	86.76	0.62
NVNT	802.11ax(HE20)	5240.00	88.06	0.55
NVNT	802.11ax(HE40)	5190.00	78.38	1.06
NVNT	802.11ax(HE40)	5230.00	81.08	0.91
NVNT	802.11ax(HE80)	5210.00	68.18	1.66

MIMO:

Condition	Antenna	Modulation	Frequency (MHz)	ANT1 Power(dBm)	ANT2 Power(dBm	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1+2	802.11n(HT20)	5180.00	14.10	12.16	16.25	24	Pass
NVNT	ANT1+2	802.11n(HT20)	5200.00	13.67	12.03	15.94	24	Pass
NVNT	ANT1+2	802.11n(HT20)	5240.00	14.00	11.92	16.09	24	Pass
NVNT	ANT1+2	802.11ac(VHT20)	5180.00	13.43	12.12	15.83	24	Pass
NVNT	ANT1+2	802.11ac(VHT20)	5200.00	13.78	12.24	16.09	24	Pass
NVNT	ANT1+2	802.11ac(VHT20)	5240.00	13.72	11.70	15.84	24	Pass
NVNT	ANT1+2	802.11n(HT40)	5190.00	13.99	12.25	16.22	24	Pass
NVNT	ANT1+2	802.11n(HT40)	5230.00	13.82	12.41	16.18	24	Pass
NVNT	ANT1+2	802.11ac(VHT40)	5190.00	14.12	12.36	16.34	24	Pass
NVNT	ANT1+2	802.11ac(VHT40)	5230.00	13.92	12.06	16.10	24	Pass
NVNT	ANT1+2	802.11ac(VHT80)	5210.00	**14.59**	13.13	**16.93**	24	Pass
NVNT	ANT1+2	802.11ax(HE20)	5180.00	13.43	12.29	15.91	24	Pass
NVNT	ANT1+2	802.11ax(HE20)	5200.00	13.43	12.21	15.87	24	Pass
NVNT	ANT1+2	802.11ax(HE20)	5240.00	13.59	12.14	15.94	24	Pass
NVNT	ANT1+2	802.11ax(HE40)	5190.00	14.14	12.39	16.36	24	Pass
NVNT	ANT1+2	802.11ax(HE40)	5230.00	13.10	12.00	15.60	24	Pass
NVNT	ANT1+2	802.11ax(HE80)	5210.00	13.74	**13.74**	16.75	24	Pass

Band 4 (5725 – 5850 MHz)

SISO:

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	11.77	0.12	11.89	30	Pass
NVNT	ANT1	802.11a	5785.00	11.69	0.00	11.69	30	Pass
NVNT	ANT1	802.11a	5825.00	11.70	0.00	11.70	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	11.74	0.13	11.87	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	11.44	0.00	11.44	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	11.38	0.13	11.51	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	12.46	0.13	**12.59**	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	11.42	0.13	11.55	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	11.21	0.00	11.21	30	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	11.16	0.13	11.29	30	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	11.54	0.13	11.67	30	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	11.20	0.13	11.33	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	11.35	0.26	11.61	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	10.92	0.26	11.18	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	11.35	0.26	11.61	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	11.35	0.26	11.61	30	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	11.47	0.26	11.73	30	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	10.80	0.26	11.06	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	10.85	0.51	11.36	30	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	10.89	0.51	11.40	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT2	802.11a	5745.00	11.46	0.12	11.58	30	Pass
NVNT	ANT2	802.11a	5785.00	11.23	0.00	11.23	30	Pass
NVNT	ANT2	802.11a	5825.00	10.97	0.00	10.97	30	Pass
NVNT	ANT2	802.11n(HT20)	5745.00	11.87	0.13	**12.00**	30	Pass
NVNT	ANT2	802.11n(HT20)	5785.00	11.22	0.00	11.22	30	Pass
NVNT	ANT2	802.11n(HT20)	5825.00	10.82	0.13	10.95	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5745.00	11.14	0.13	11.27	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5785.00	11.10	0.13	11.23	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5825.00	10.97	0.00	10.97	30	Pass
NVNT	ANT2	802.11ax(HE20)	5745.00	11.36	0.13	11.49	30	Pass
NVNT	ANT2	802.11ax(HE20)	5785.00	11.05	0.13	11.18	30	Pass
NVNT	ANT2	802.11ax(HE20)	5825.00	10.85	0.13	10.98	30	Pass
NVNT	ANT2	802.11n(HT40)	5755.00	11.22	0.26	11.48	30	Pass
NVNT	ANT2	802.11n(HT40)	5795.00	10.79	0.26	11.05	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5755.00	11.26	0.26	11.52	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5795.00	11.28	0.26	11.54	30	Pass
NVNT	ANT2	802.11ax(HE40)	5755.00	10.88	0.26	11.14	30	Pass
NVNT	ANT2	802.11ax(HE40)	5795.00	10.82	0.26	11.08	30	Pass
NVNT	ANT2	802.11ac(VHT80)	5775.00	10.91	0.51	11.42	30	Pass
NVNT	ANT2	802.11ax(HE80)	5775.00	10.88	0.51	11.39	30	Pass

Condition	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	802.11a	5745.00	97.18	0.12
NVNT	802.11a	5785.00	98.60	0.00
NVNT	802.11a	5825.00	98.60	0.00
NVNT	802.11n(HT20)	5745.00	97.01	0.13
NVNT	802.11n(HT20)	5785.00	98.52	0.00
NVNT	802.11n(HT20)	5825.00	97.01	0.13
NVNT	802.11ac(VHT20)	5745.00	97.01	0.13
NVNT	802.11ac(VHT20)	5785.00	97.01	0.13
NVNT	802.11ac(VHT20)	5825.00	98.52	0.00
NVNT	802.11ax(HE20)	5745.00	97.01	0.13
NVNT	802.11ax(HE20)	5785.00	97.01	0.13
NVNT	802.11ax(HE20)	5825.00	97.01	0.13
NVNT	802.11n(HT40)	5755.00	94.12	0.26
NVNT	802.11n(HT40)	5795.00	94.12	0.26
NVNT	802.11ac(VHT40)	5755.00	94.12	0.26
NVNT	802.11ac(VHT40)	5795.00	94.12	0.26
NVNT	802.11ax(HE40)	5755.00	94.12	0.26
NVNT	802.11ax(HE40)	5795.00	94.12	0.26
NVNT	802.11ac(VHT80)	5775.00	88.89	0.51
NVNT	802.11ax(HE80)	5775.00	88.89	0.51

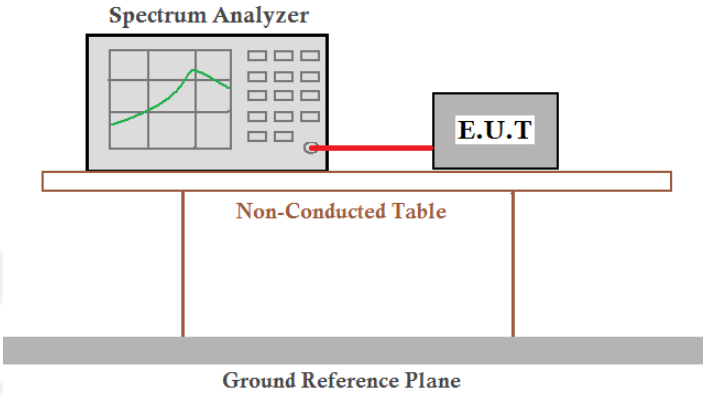
MIMO:

Condition	Antenna	Modulation	Frequency (MHz)	ANT1 Power(dBm)	ANT2 Power(dBm	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1+2	802.11n(HT20)	5745.00	11.87	**12.00**	14.95	30	Pass
NVNT	ANT1+2	802.11n(HT20)	5785.00	11.44	11.22	14.34	30	Pass
NVNT	ANT1+2	802.11n(HT20)	5825.00	11.51	10.95	14.25	30	Pass
NVNT	ANT1+2	802.11ac(VHT20)	5745.00	**12.59**	11.27	**14.99**	30	Pass
NVNT	ANT1+2	802.11ac(VHT20)	5785.00	11.55	11.23	14.40	30	Pass
NVNT	ANT1+2	802.11ac(VHT20)	5825.00	11.21	10.97	14.10	30	Pass
NVNT	ANT1+2	802.11ax(HE20)	5745.00	11.29	11.49	14.40	30	Pass
NVNT	ANT1+2	802.11ax(HE20)	5785.00	11.67	11.18	14.44	30	Pass
NVNT	ANT1+2	802.11ax(HE20)	5825.00	11.33	10.98	14.17	30	Pass
NVNT	ANT1+2	802.11n(HT40)	5755.00	11.61	11.48	14.56	30	Pass
NVNT	ANT1+2	802.11n(HT40)	5795.00	11.18	11.05	14.13	30	Pass
NVNT	ANT1+2	802.11ac(VHT40)	5755.00	11.61	11.52	14.58	30	Pass
NVNT	ANT1+2	802.11ac(VHT40)	5795.00	11.61	11.54	14.59	30	Pass
NVNT	ANT1+2	802.11ax(HE40)	5755.00	11.73	11.14	14.46	30	Pass
NVNT	ANT1+2	802.11ax(HE40)	5795.00	11.06	11.08	14.08	30	Pass
NVNT	ANT1+2	802.11ac(VHT80)	5775.00	11.36	11.42	14.40	30	Pass
NVNT	ANT1+2	802.11ax(HE80)	5775.00	11.40	11.39	14.41	30	Pass

Note: The measure-and-sum technique shall be used for measuring in-band transmit power of a device. Total power is the sum of the conducted power levels measured at the various output ports.

(First measure the power (mW) of each antenna separately, and the total power is equal to Ant1mW + Ant2mW+….)

4.5 Power Spectral Density

Test Requirement:	FCC Part15 E Section 15.407
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	≤11.00dBm/MHz for 5150MHz-5250MHz, 5250-5350MHz and 5470-5725 MHz ≤30.00dBm/500KHz for 5725MHz-5850MHz
Test setup:	
Test procedure:	1) Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, “Compute power…”. 2) Use the peak search function on the instrument to find the peak of the spectrum. 3) Make the following adjustments to the peak value of the spectrum, if applicable: a) If Method SA-2 or SA-2 Alternative was used, add 10 log(1/x), where x is the duty cycle, to the peak of the spectrum. b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging. 4) The result is the PSD.
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

Measurement Data

Band 1 (5150-5250 MHz)

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	3.99	0.47	4.46	11	Pass
NVNT	ANT1	802.11a	5200.00	3.57	0.41	3.98	11	Pass
NVNT	ANT1	802.11a	5240.00	4.06	0.47	4.53	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	3.40	0.56	3.96	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	2.77	0.49	3.26	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	3.33	0.55	3.88	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	2.79	0.48	3.27	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	2.65	0.55	3.20	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	3.34	0.14	3.48	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	0.04	0.91	0.95	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-0.03	0.94	0.91	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	0.18	1.06	1.24	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-0.07	1.06	0.99	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-0.36	1.66	1.30	11	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	2.87	0.55	3.42	11	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	2.41	0.62	3.03	11	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	2.88	0.55	3.43	11	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	0.29	1.06	1.35	11	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	-0.38	0.91	0.53	11	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	-4.52	1.66	-2.86	11	Pass

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT2	802.11a	5180.00	2.45	0.47	2.92	11	Pass
NVNT	ANT2	802.11a	5200.00	2.18	0.41	2.59	11	Pass
NVNT	ANT2	802.11a	5240.00	2.53	0.47	3.00	11	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	1.34	0.56	1.90	11	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	1.25	0.49	1.74	11	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	1.32	0.55	1.87	11	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	1.02	0.48	1.50	11	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	1.28	0.55	1.83	11	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	1.41	0.14	1.55	11	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	-1.79	0.91	-0.88	11	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	-1.59	0.94	-0.65	11	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	-1.62	1.06	-0.56	11	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	-1.58	1.06	-0.52	11	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	-5.33	1.66	-3.67	11	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	1.03	0.55	1.58	11	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	1.56	0.62	2.18	11	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	1.60	0.55	2.15	11	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	-1.70	1.06	-0.64	11	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	-1.37	0.91	-0.46	11	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	-5.45	1.66	-3.79	11	Pass

MIMO:

Antenna	Modulation	Frequency (MHz)	ANT1 (dBm/MHz)	ANT2 (dBm/MHz)	Total PSD(dBm/MHz)	limit(dBm)	Result
ANT1+2	802.11n(HT20)	5745.00	3.96	1.90	6.06	11	Pass
ANT1+2	802.11n(HT20)	5785.00	3.26	1.74	5.58	11	Pass
ANT1+2	802.11n(HT20)	5825.00	3.88	1.87	6.00	11	Pass
ANT1+2	802.11ac(VHT20)	5745.00	3.27	1.50	5.48	11	Pass
ANT1+2	802.11ac(VHT20)	5785.00	3.20	1.83	5.58	11	Pass
ANT1+2	802.11ac(VHT20)	5825.00	3.48	1.55	5.63	11	Pass
ANT1+2	802.11ax(HE20)	5745.00	0.95	-0.88	3.14	11	Pass
ANT1+2	802.11ax(HE20)	5785.00	0.91	-0.65	3.21	11	Pass
ANT1+2	802.11ax(HE20)	5825.00	1.24	-0.56	3.44	11	Pass
ANT1+2	802.11n(HT40)	5755.00	0.99	-0.52	3.31	11	Pass
ANT1+2	802.11n(HT40)	5795.00	1.30	-3.67	2.50	11	Pass
ANT1+2	802.11ac(VHT40)	5755.00	3.42	1.58	5.61	11	Pass
ANT1+2	802.11ac(VHT40)	5795.00	3.03	2.18	5.64	11	Pass
ANT1+2	802.11ax(HE40)	5755.00	3.43	2.15	5.85	11	Pass
ANT1+2	802.11ax(HE40)	5795.00	1.35	-0.64	3.48	11	Pass
ANT1+2	802.11ac(VHT80)	5775.00	0.53	-0.46	3.07	11	Pass
ANT1+2	802.11ax(HE80)	5775.00	-2.86	-3.79	-0.29	11	Pass

Power_Spectral_Density_NVNT_ANT1_802_11a_5180


Power_Spectral_Density_NVNT_ANT1_802_11a_5200


Power_Spectral_Density_NVNT_ANT1_802_11a_5240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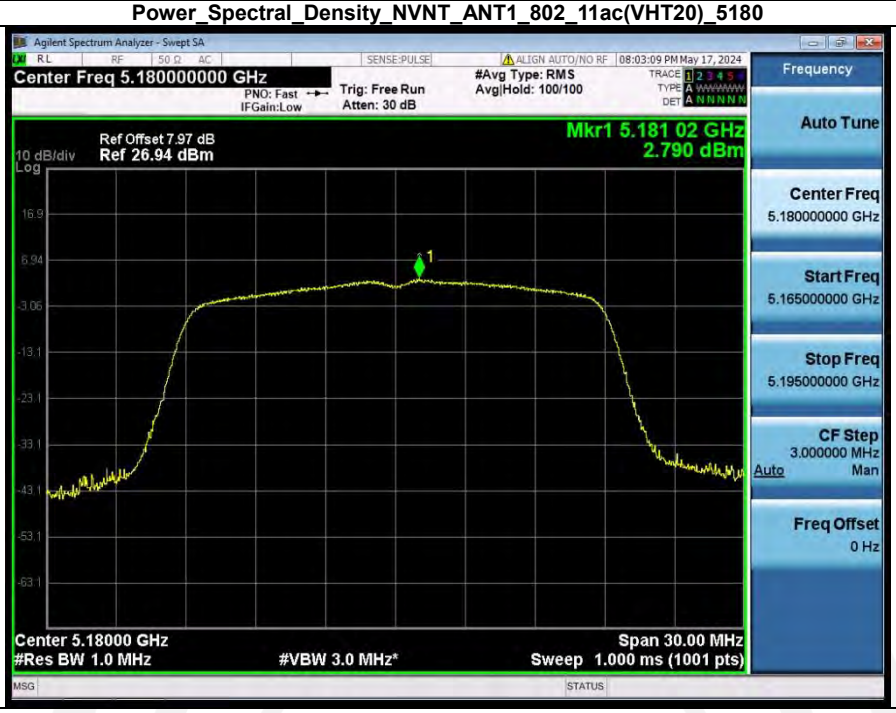

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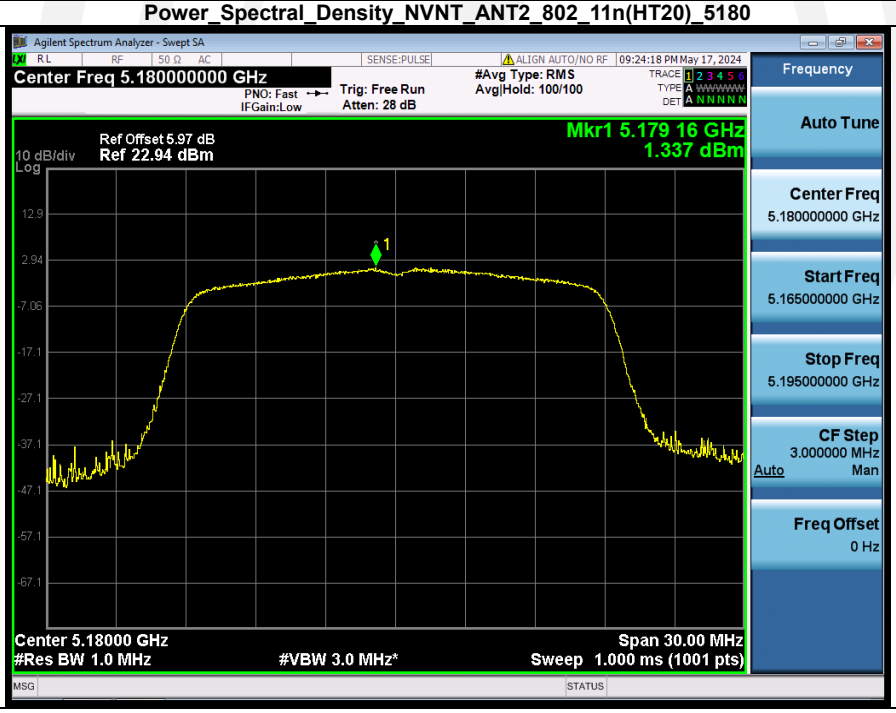

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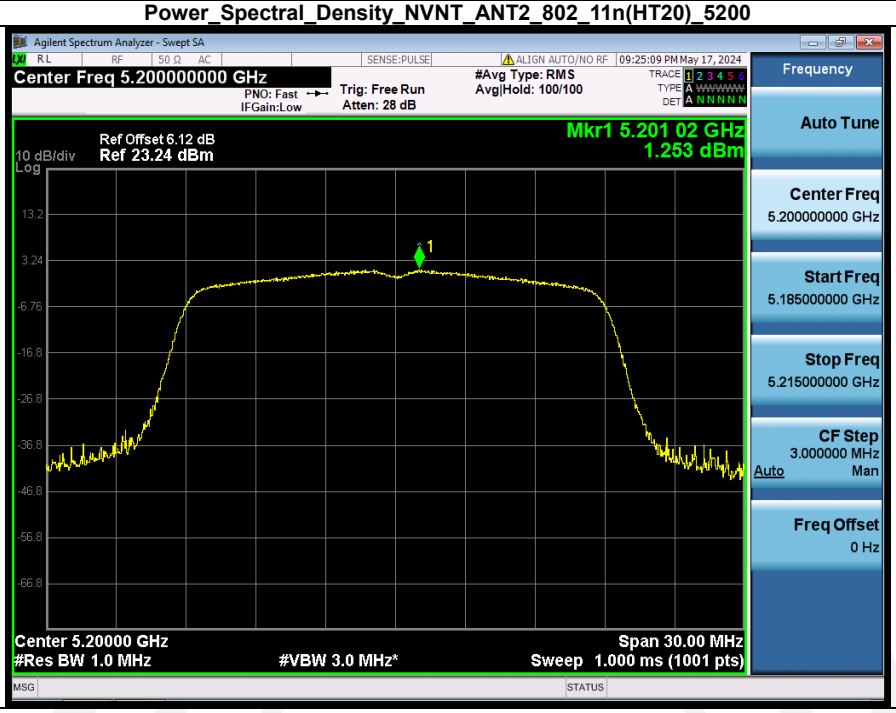

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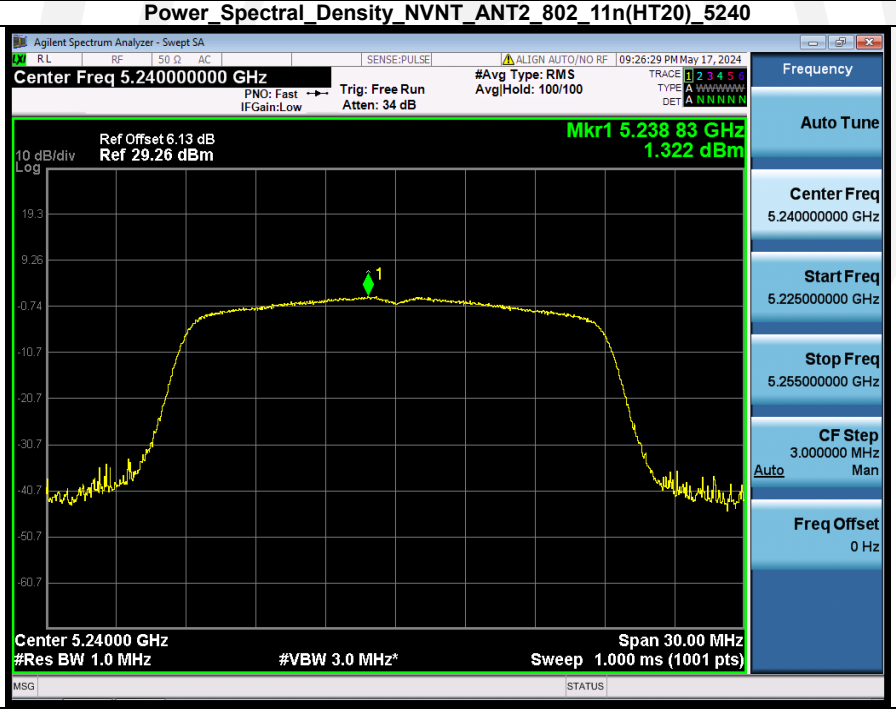

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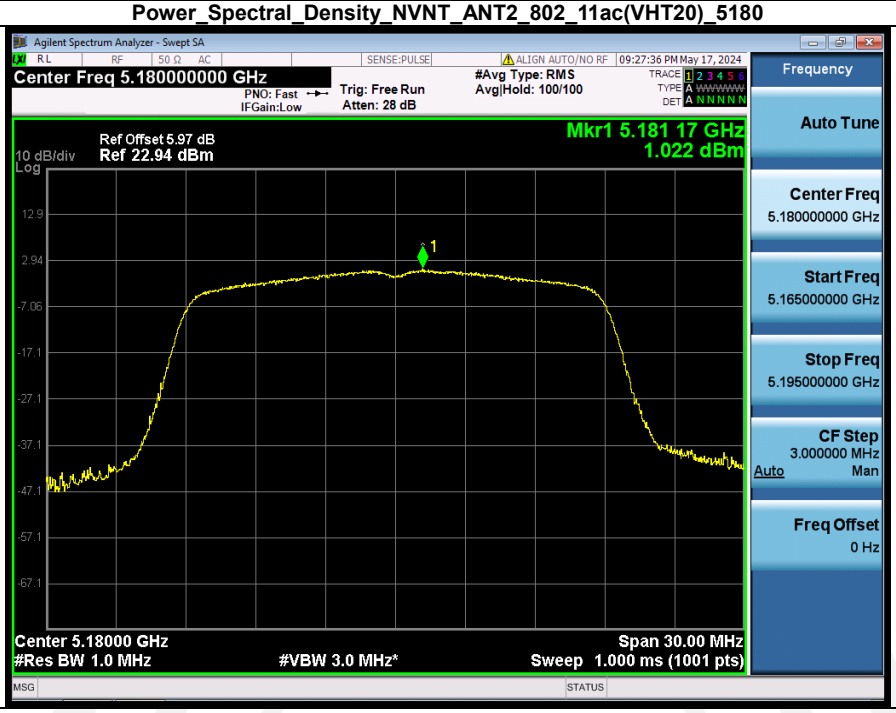

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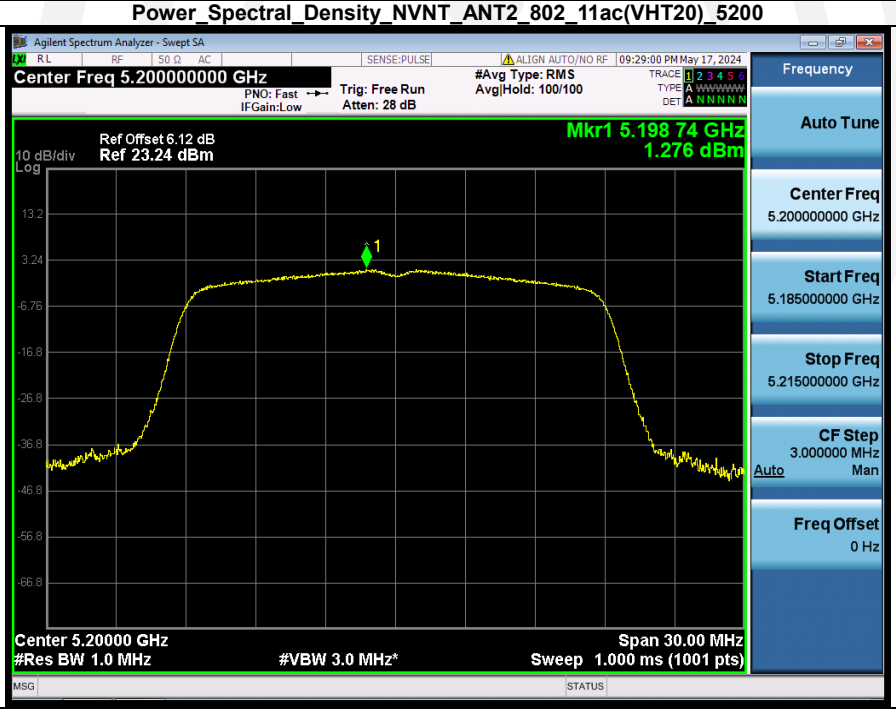

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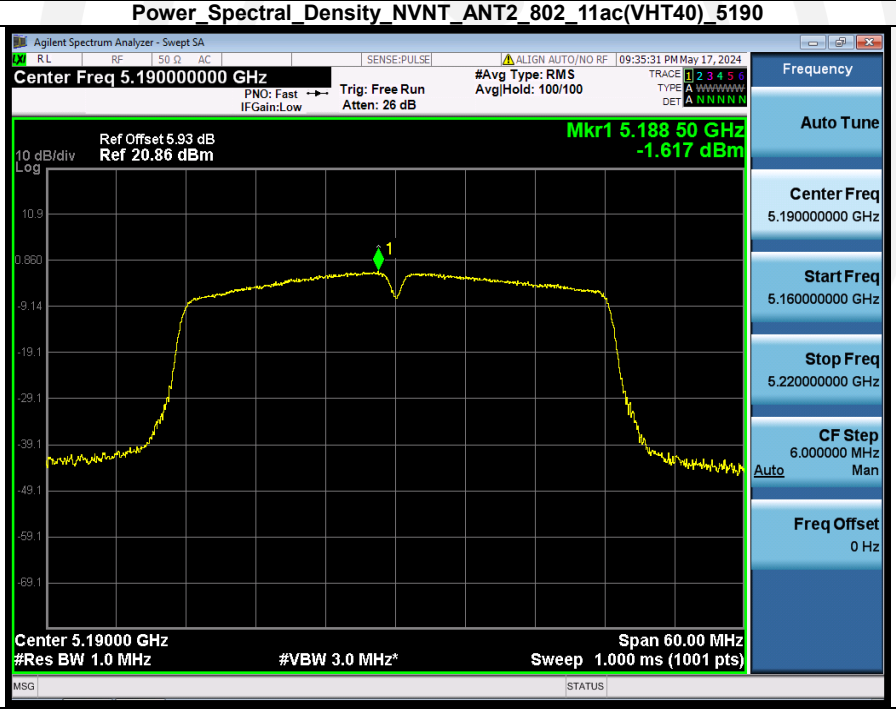

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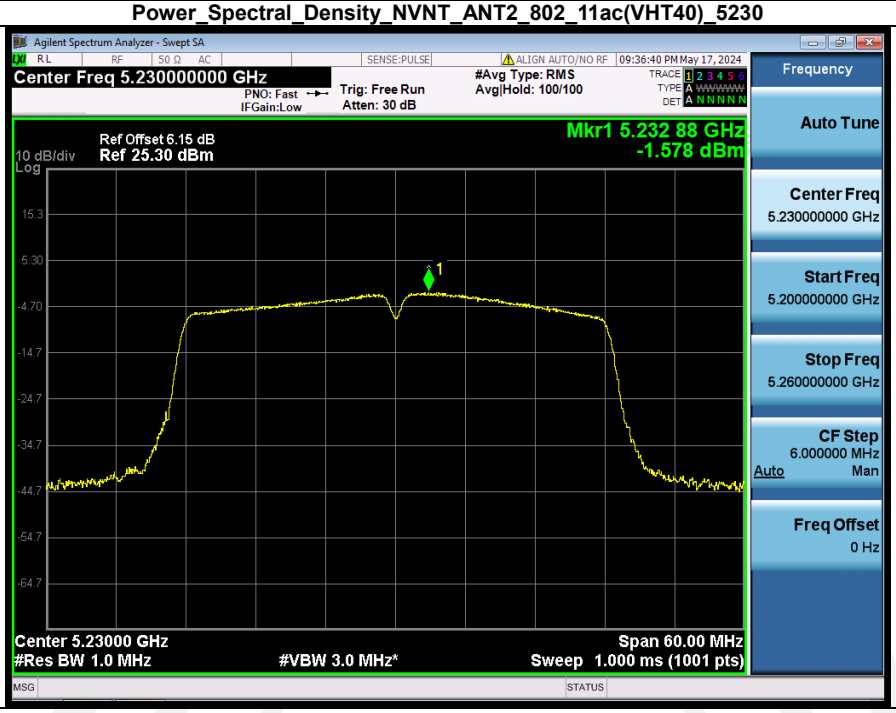

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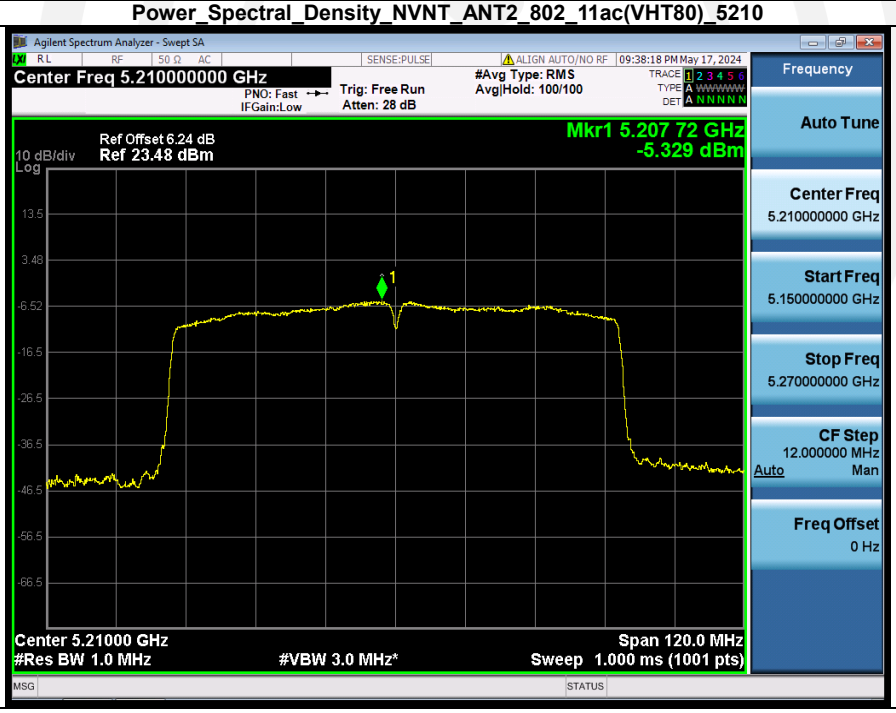

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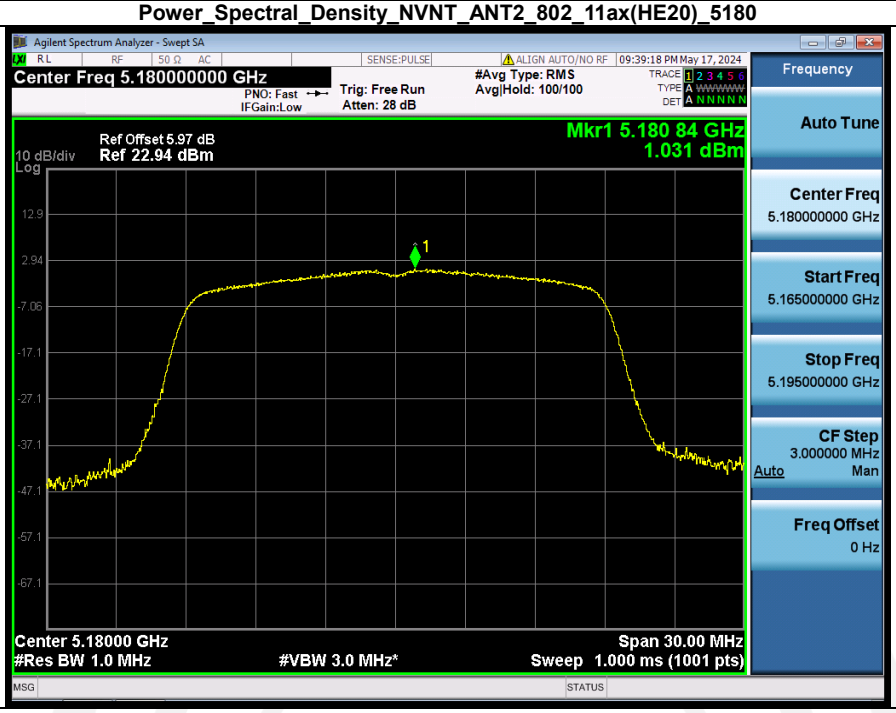

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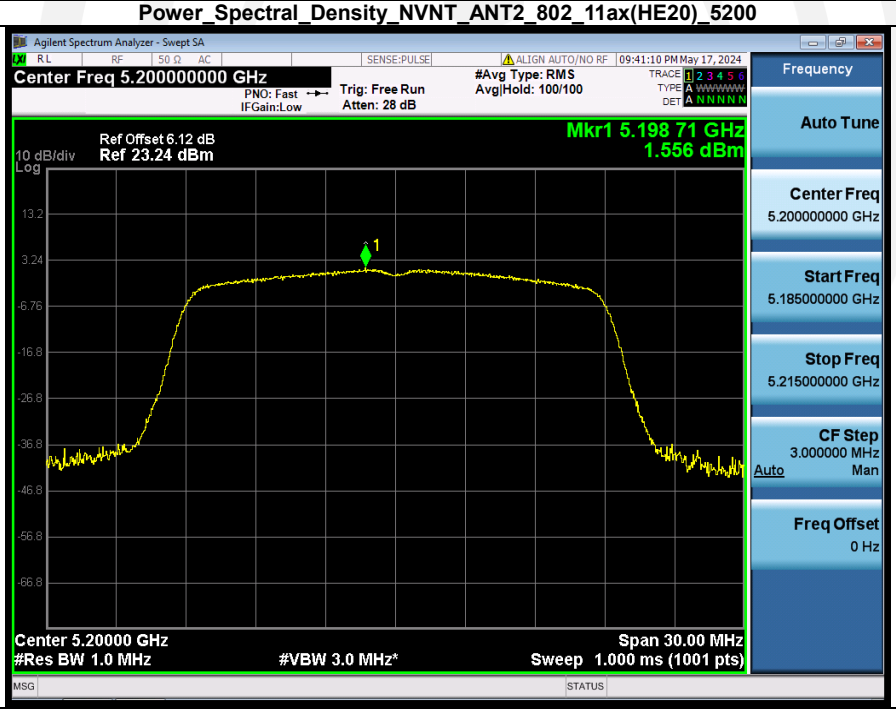

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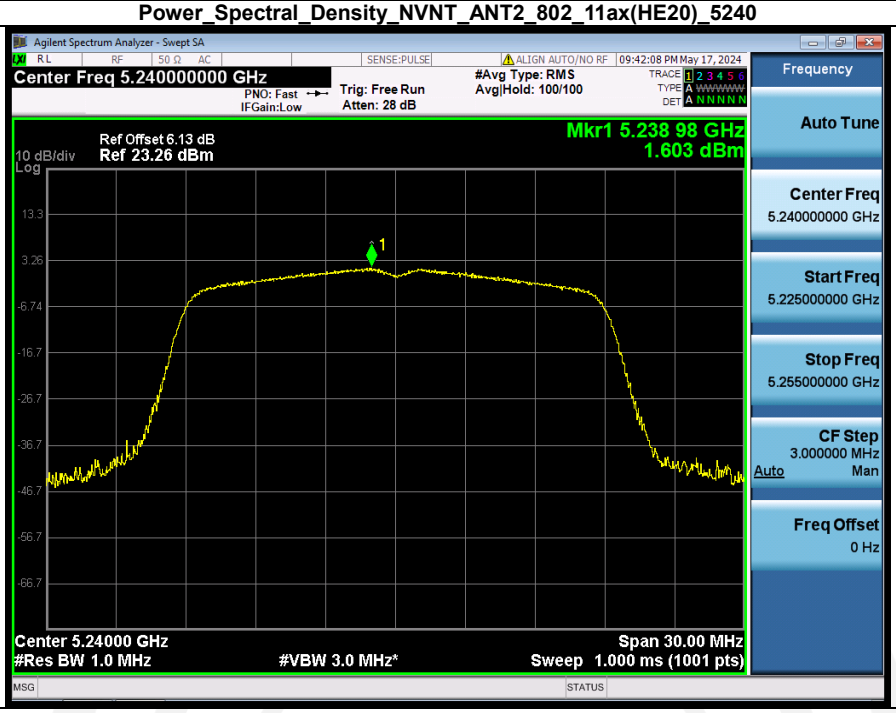

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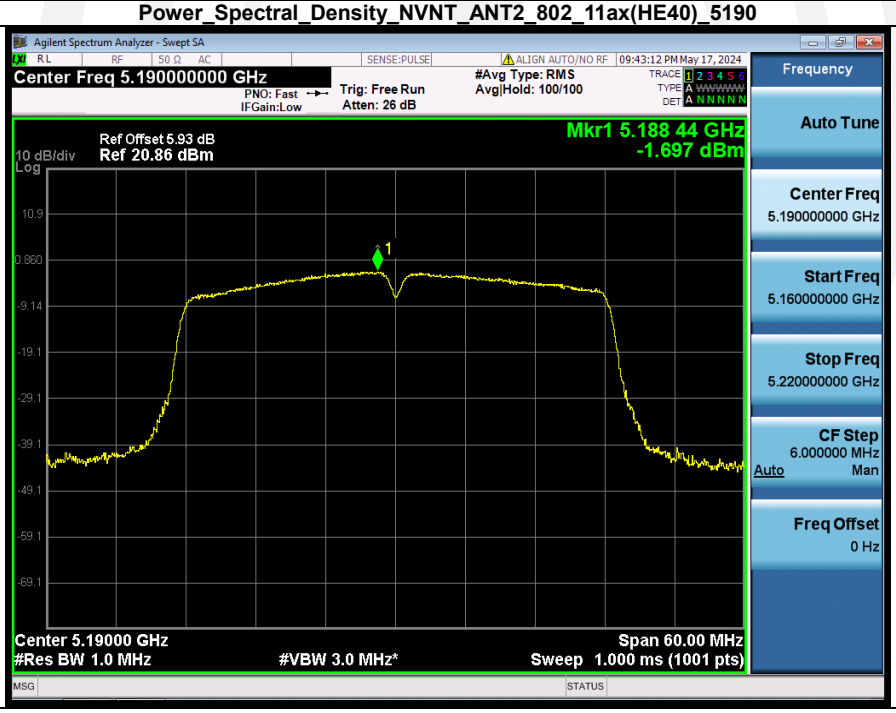

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Power_Spectral_Density_NVNT_ANT2_802_11ax(HE80)_5210