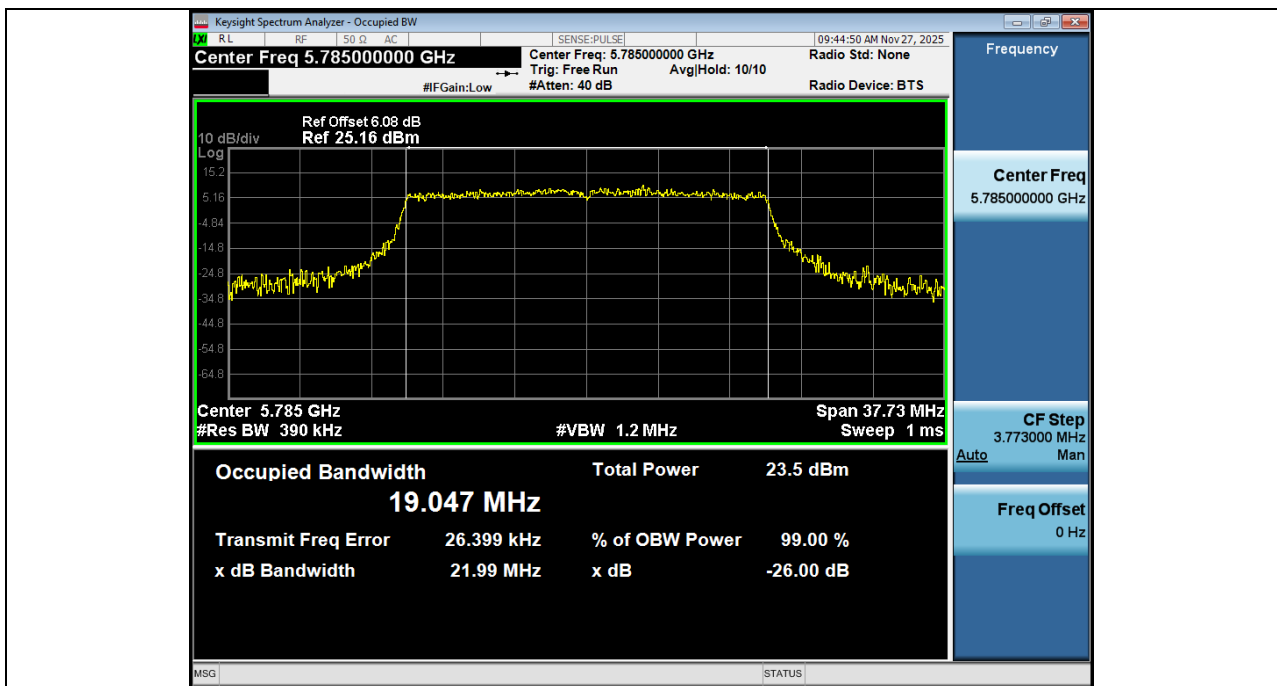
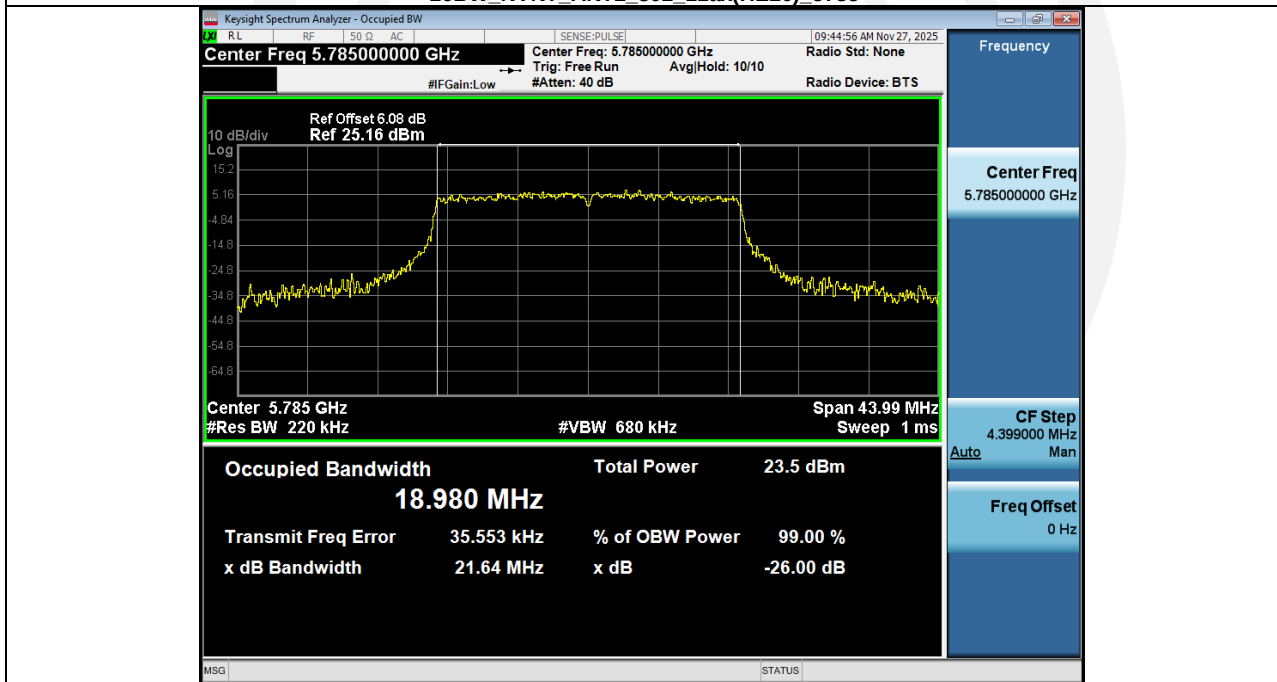
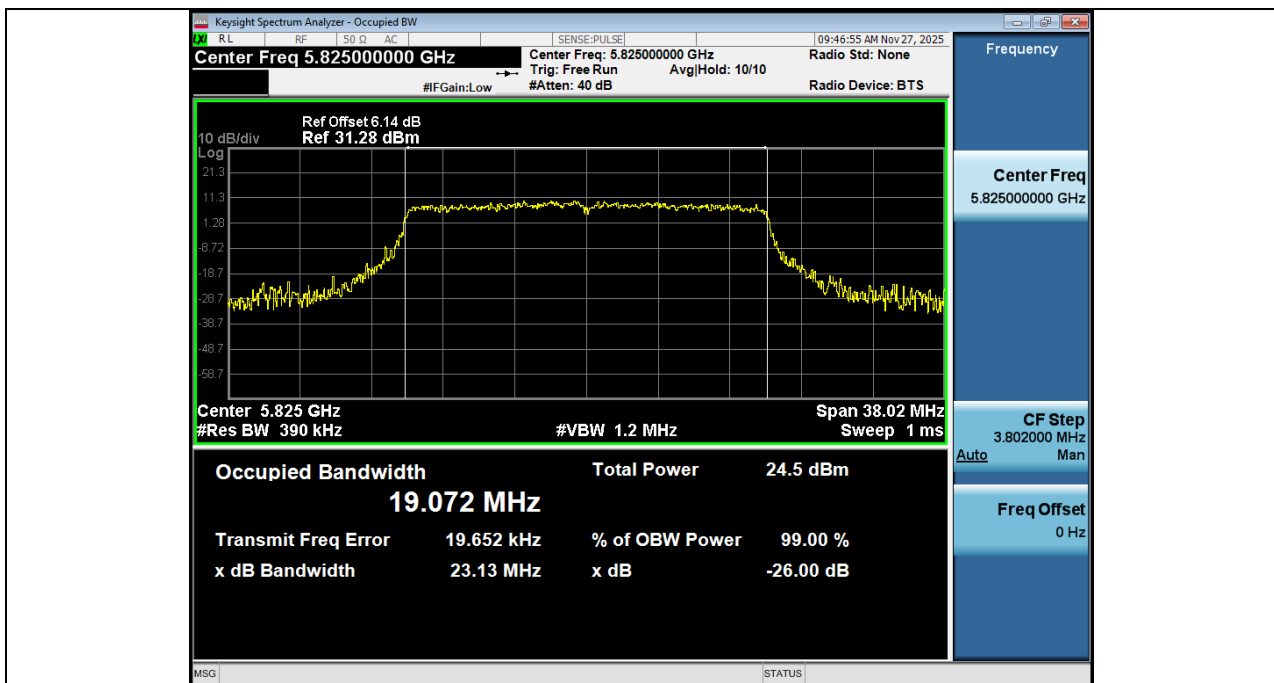
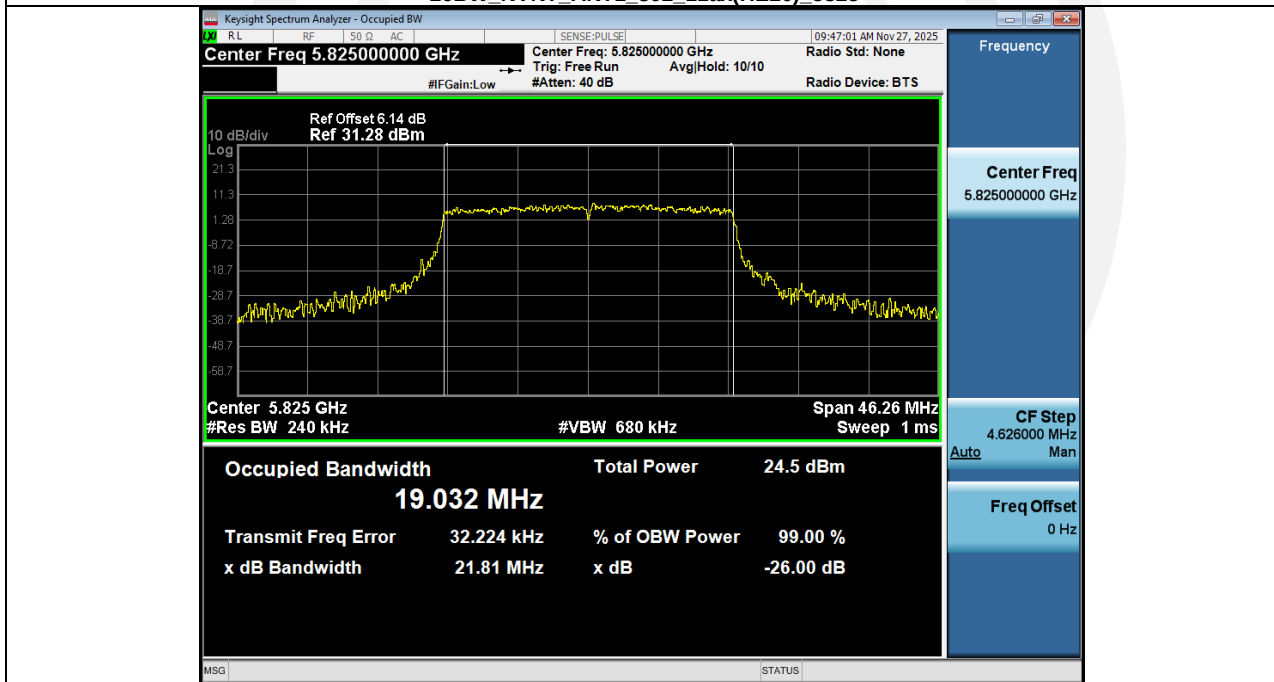


**-26BW_NVNT_ANT2_802_11ax(HE20)_5785****99%_OCB_NVNT_ANT1_802_11ax(HE20)_5825**



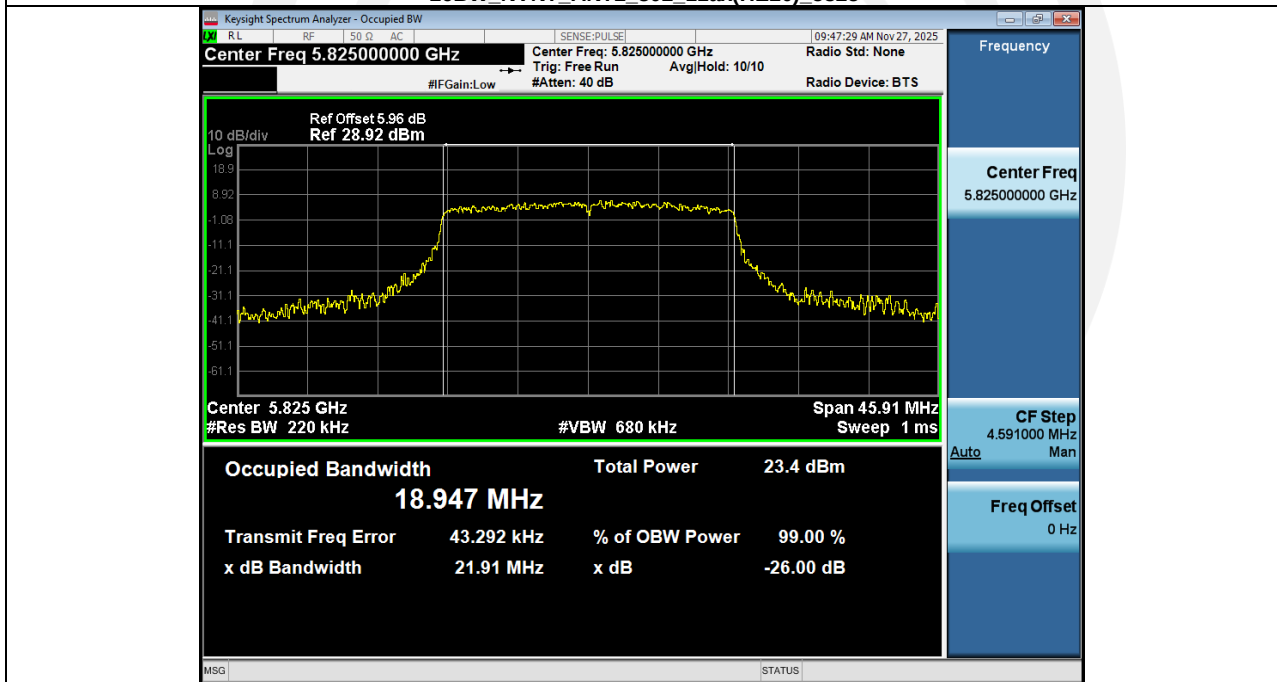
-26BW_NVNT_ANT1_802_11ax(HE20)_5825



99%_OCB_NVNT_ANT2_802_11ax(HE20)_5825



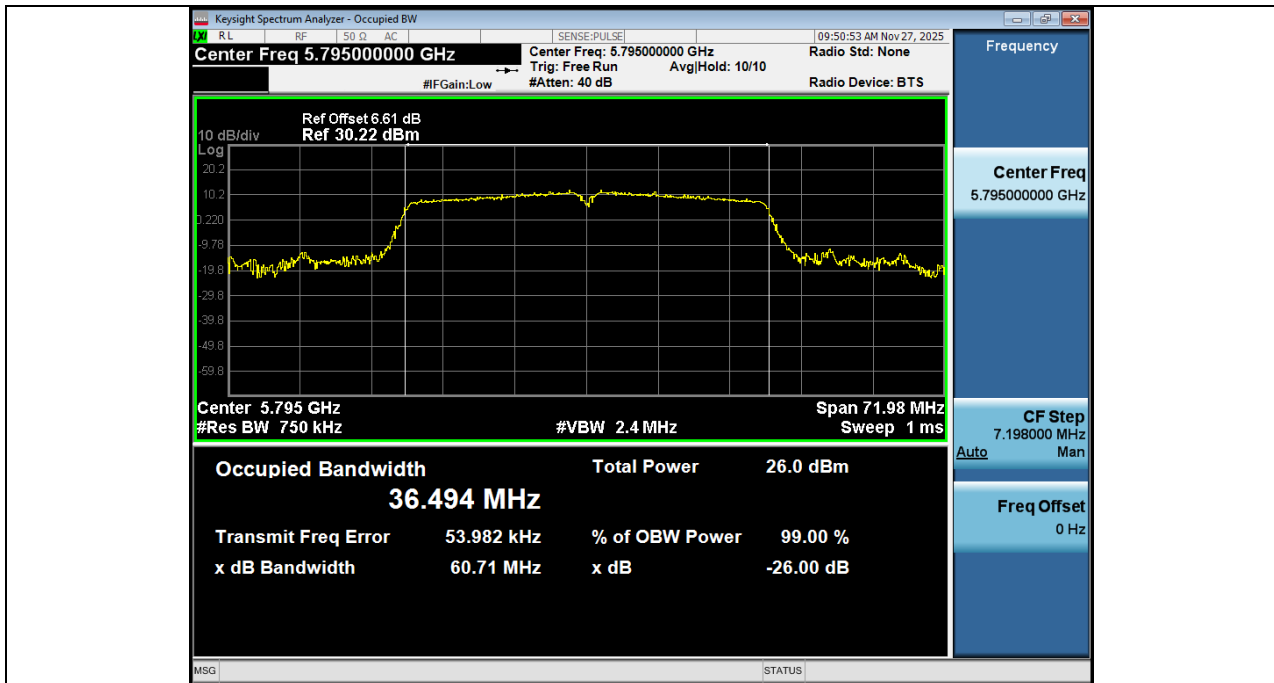
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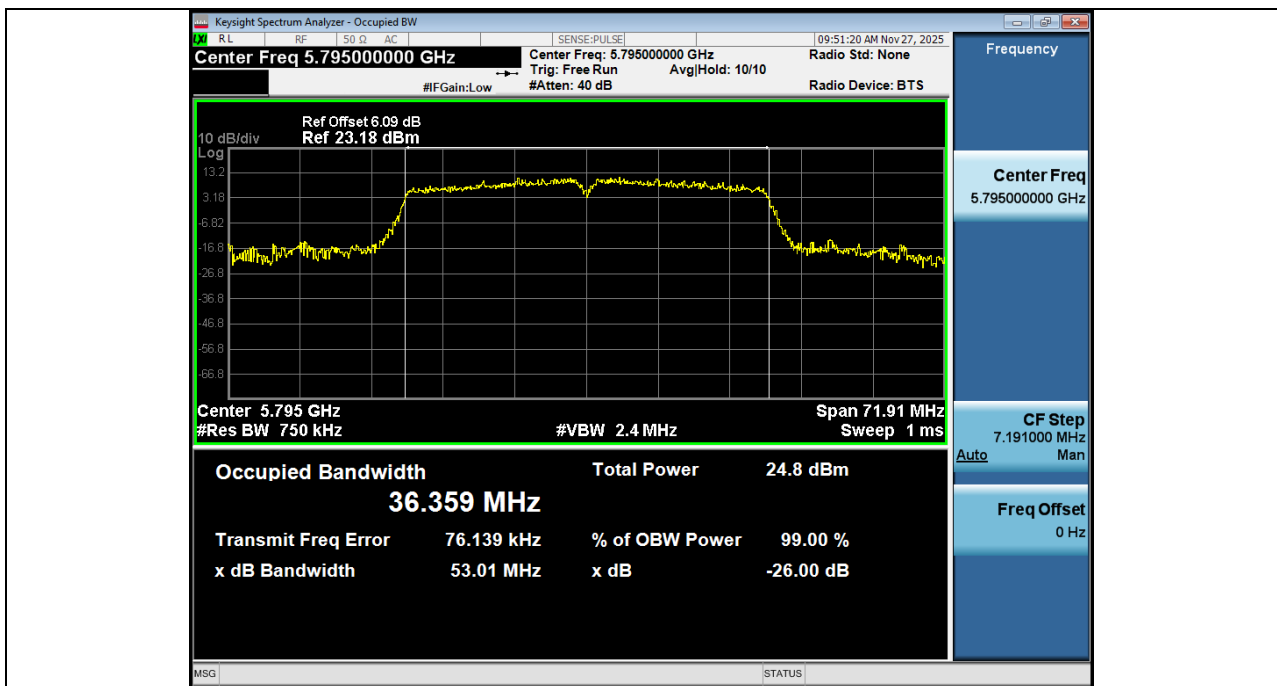
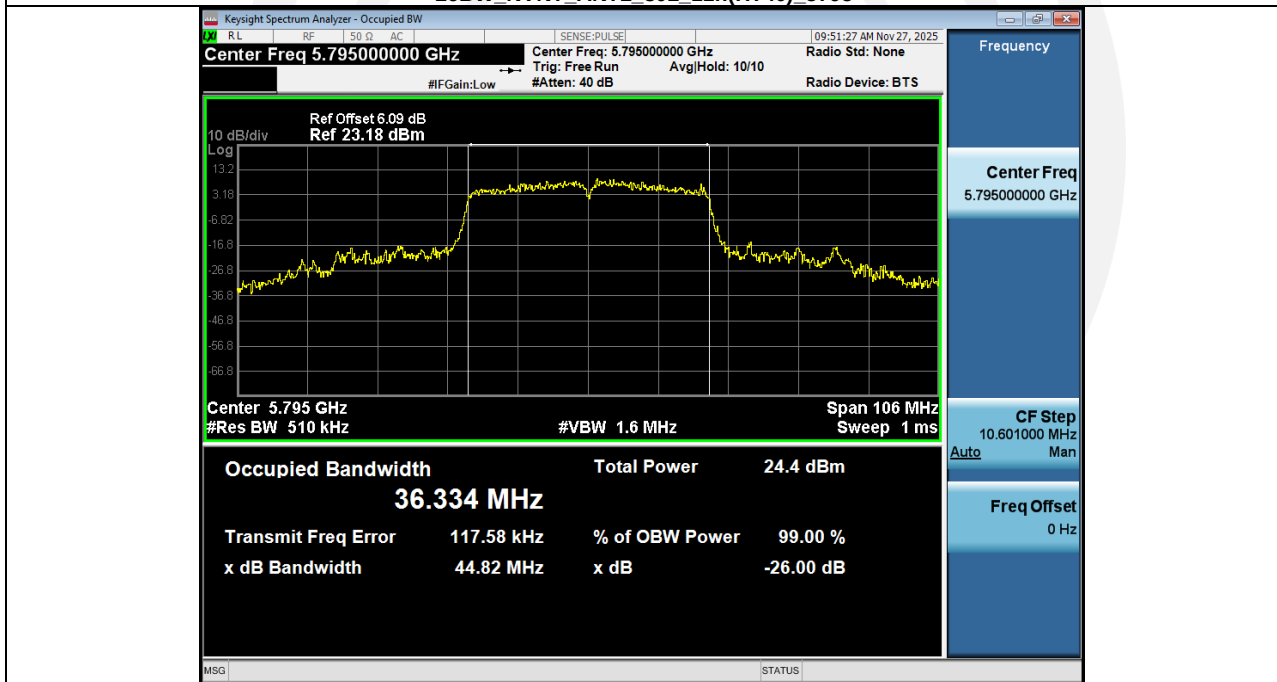


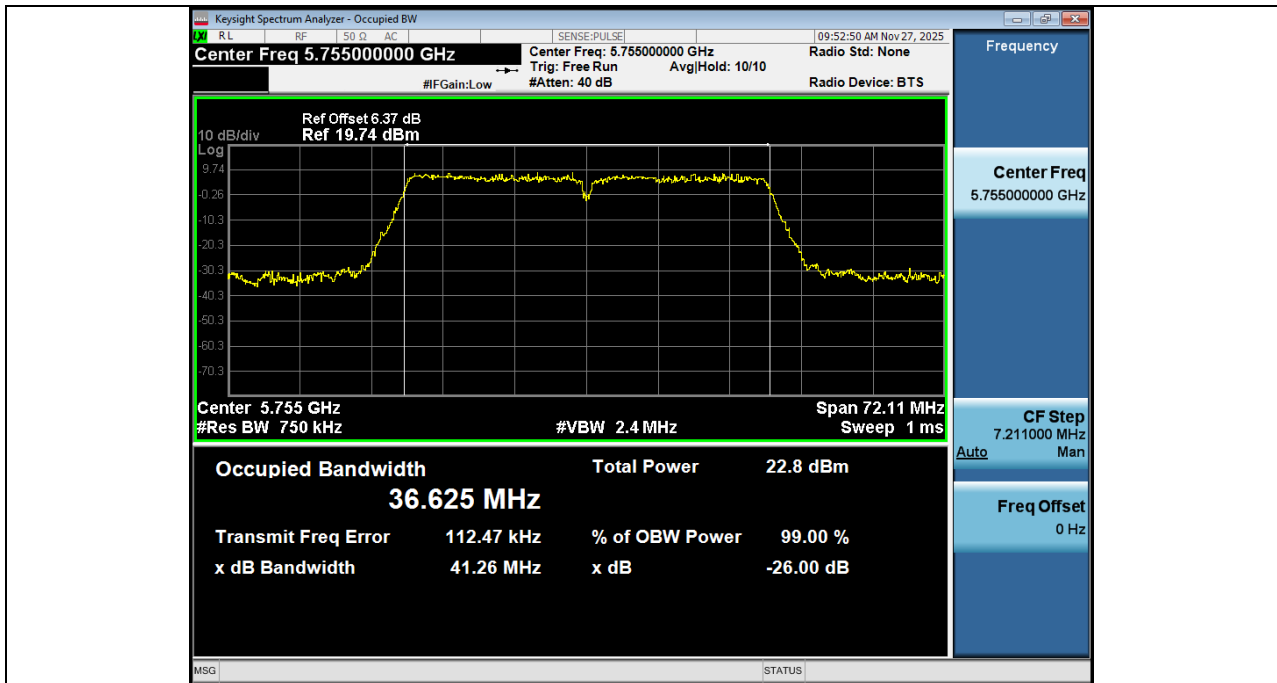
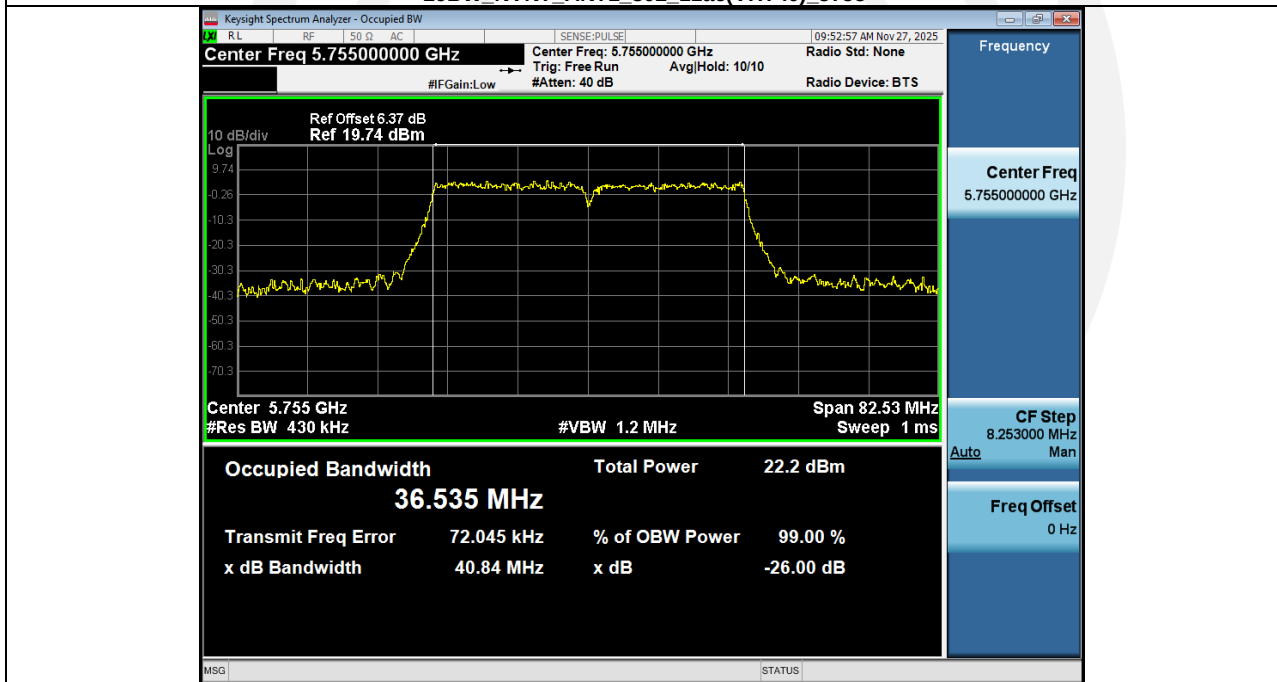
99%_OCB_NVNT_ANT1_802_11n(HT40)_5755

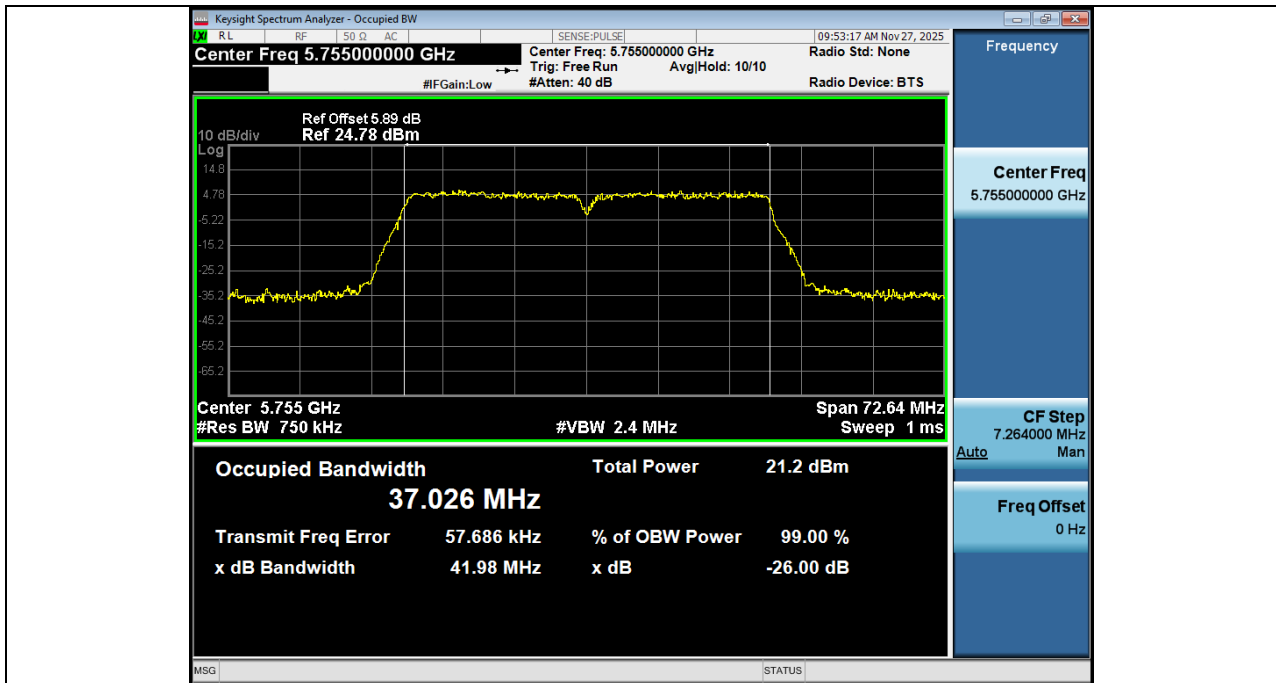
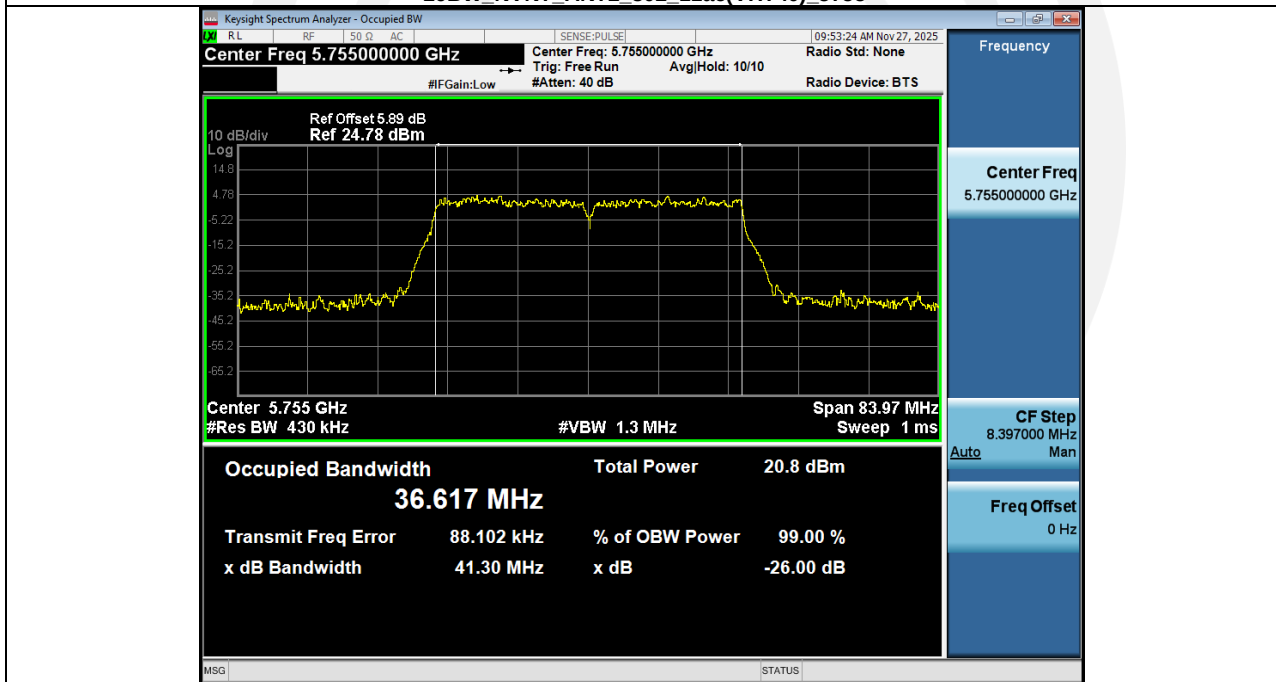
**-26BW_NVNT_ANT1_802_11n(HT40)_5755****99%_OCB_NVNT_ANT2_802_11n(HT40)_5755**

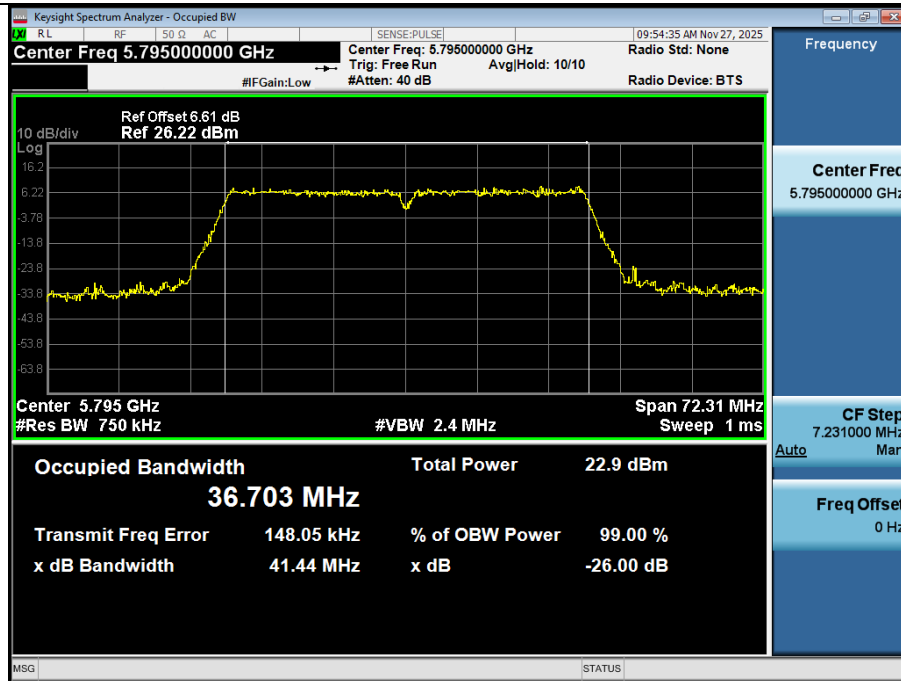
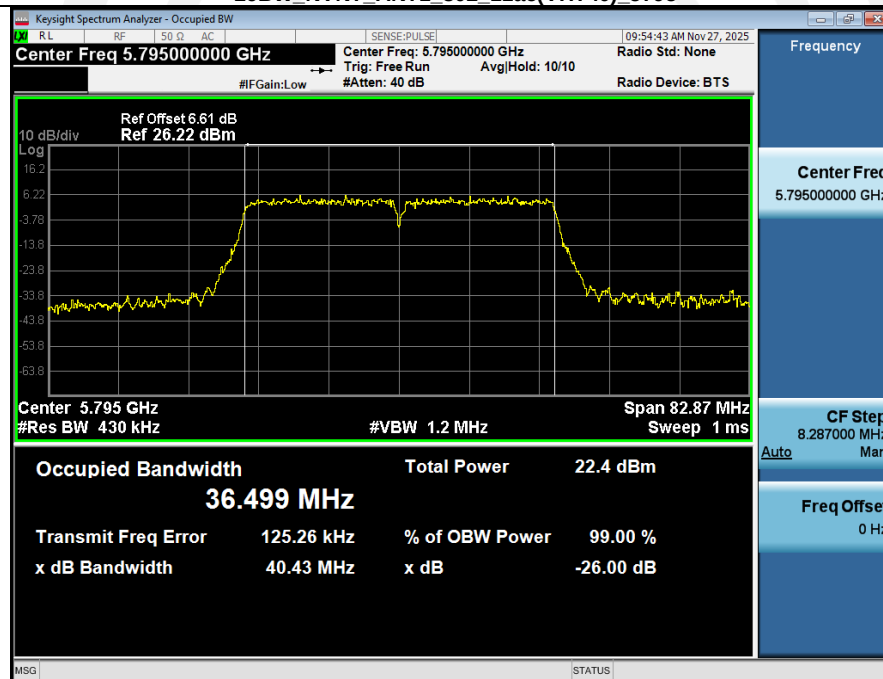
**-26BW_NVNT_ANT2_802_11n(HT40)_5755****99%_OCB_NVNT_ANT1_802_11n(HT40)_5795**

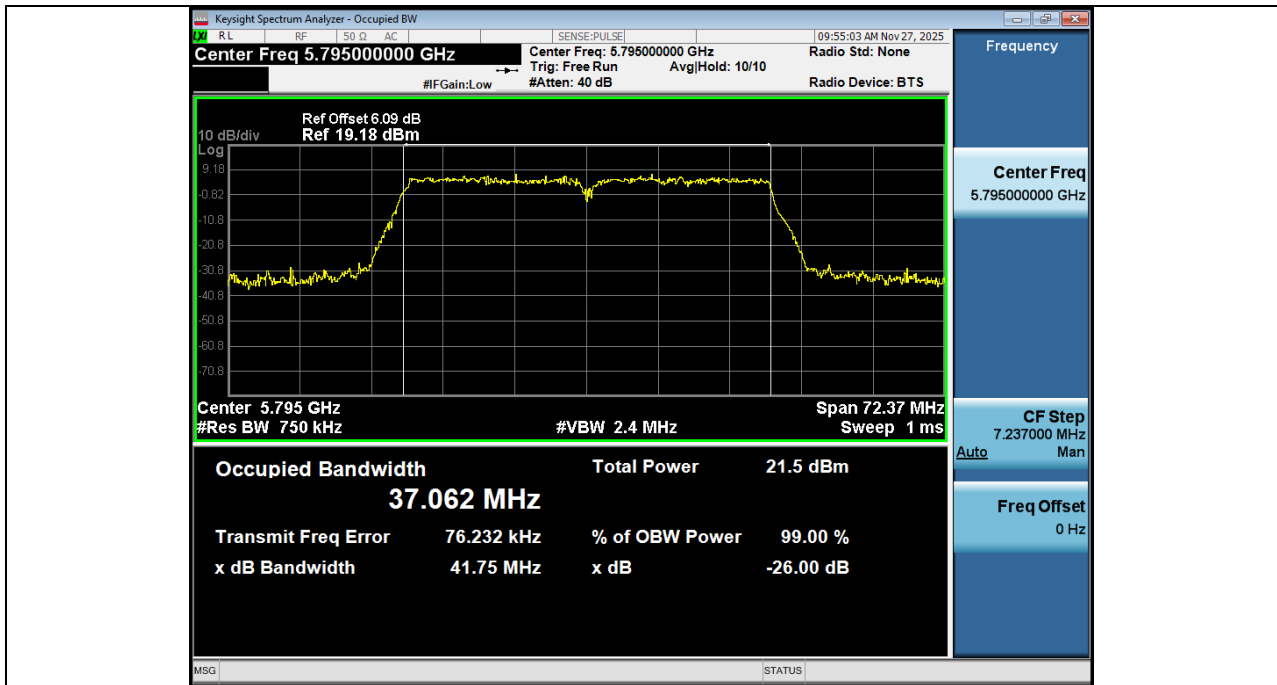
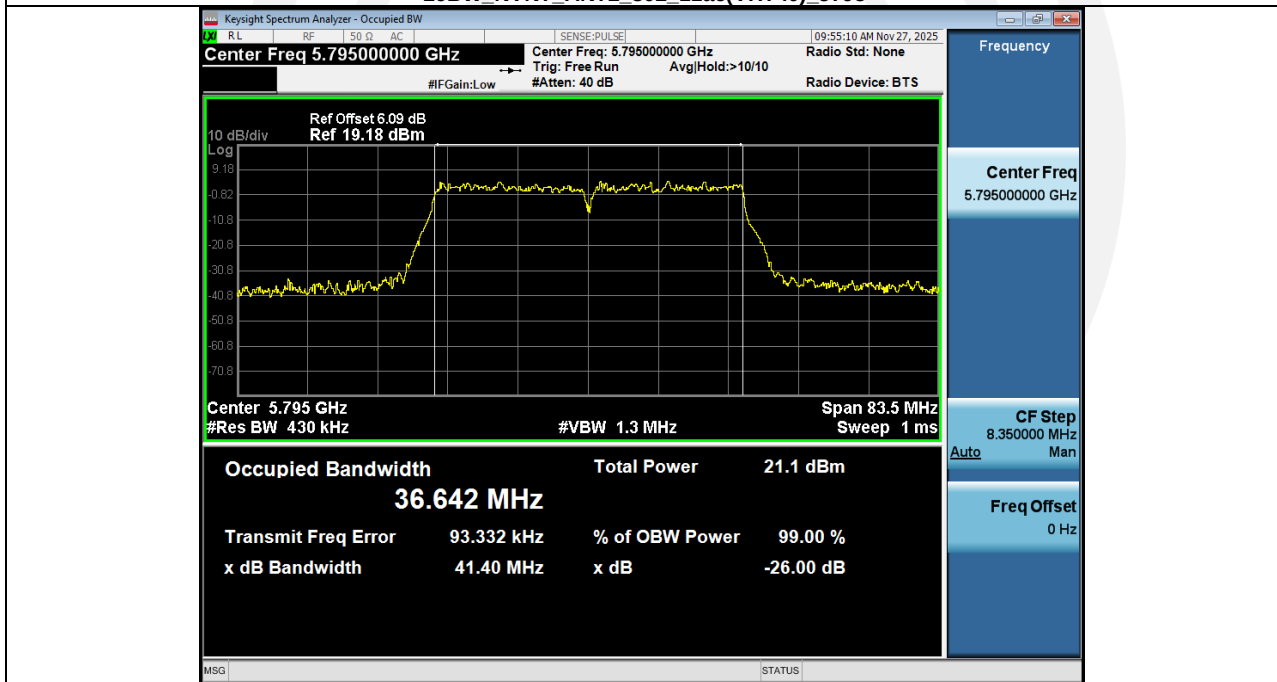
**-26BW_NVNT_ANT1_802_11n(HT40) 5795****99%_OCB_NVNT_ANT2_802_11n(HT40) 5795**

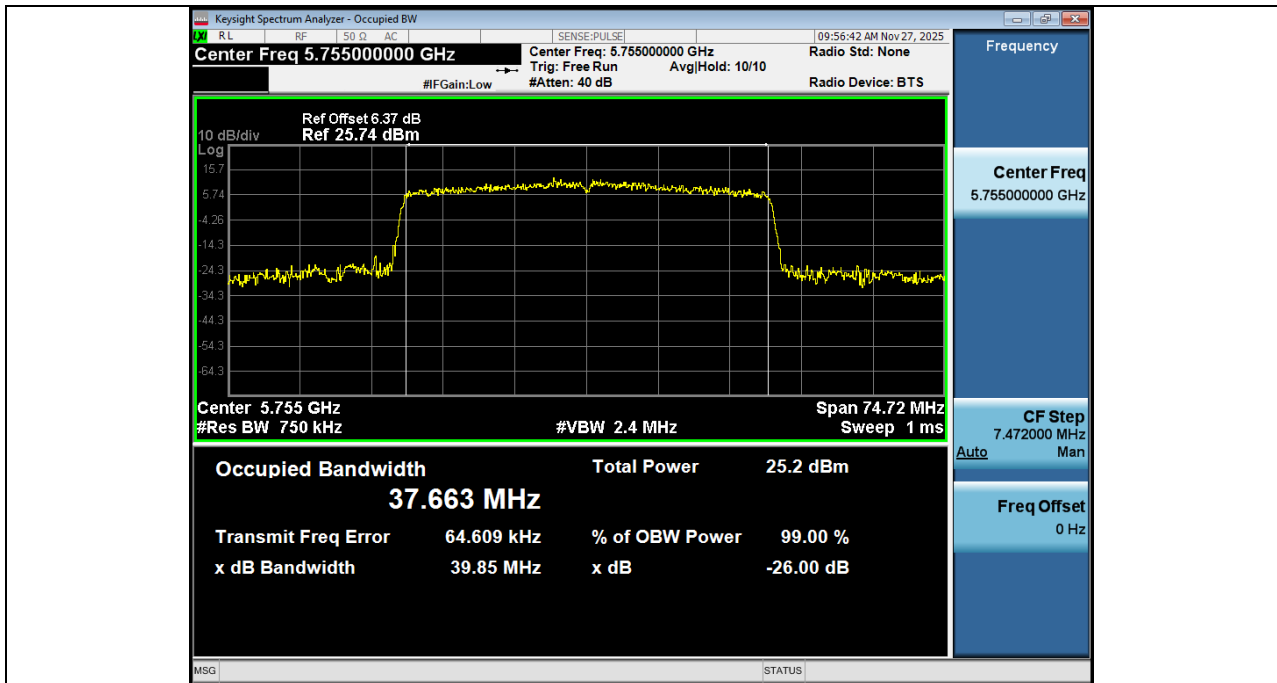
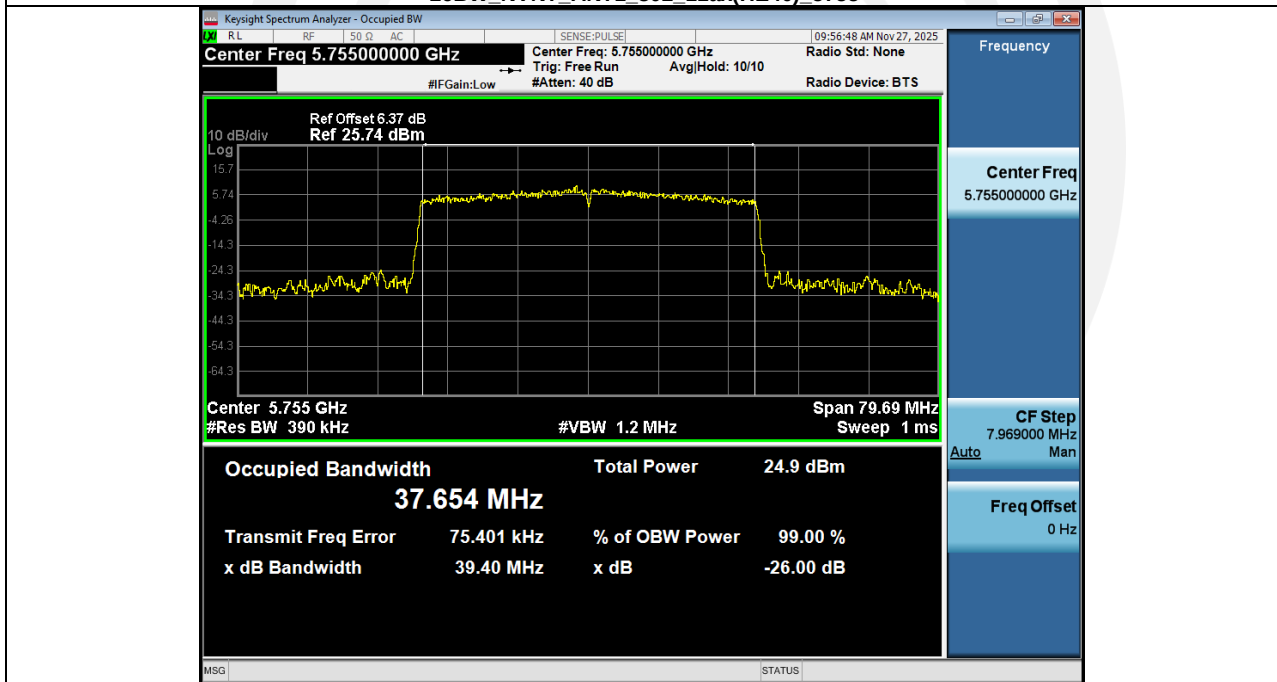
**-26BW_NVNT_ANT2_802_11n(HT40)_5795****99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5755**

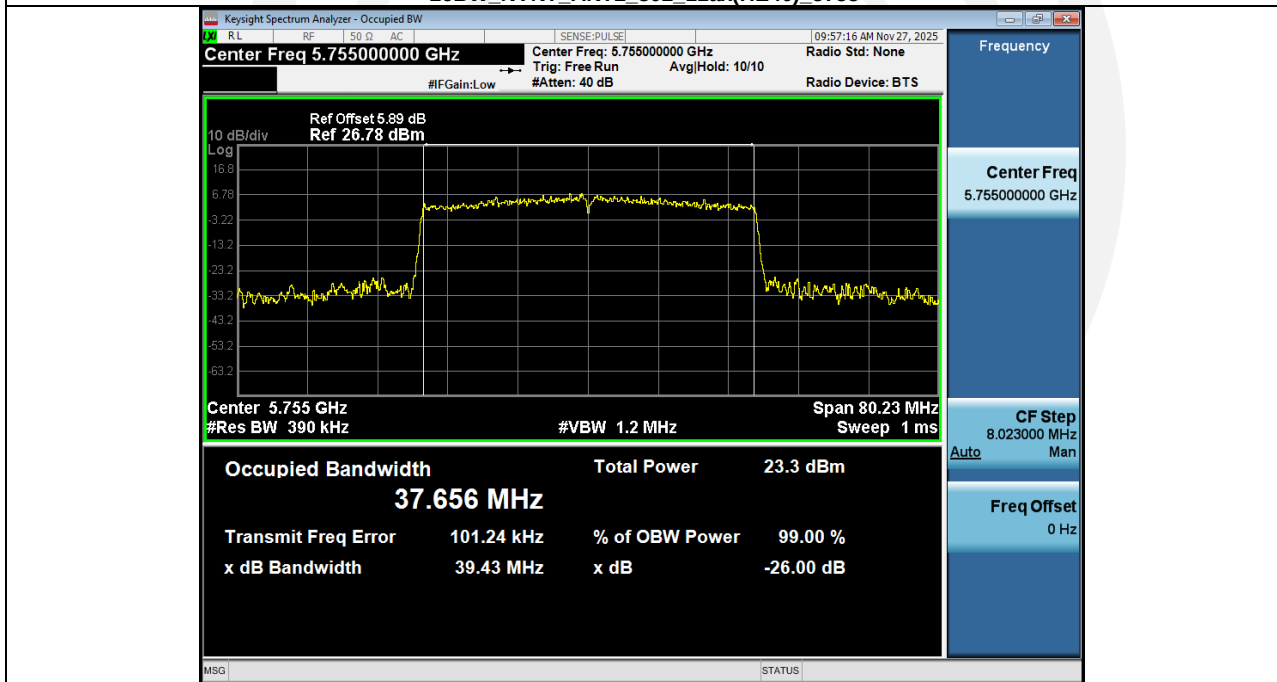
**-26BW_NVNT_ANT1_802_11ac(VHT40)_5755****99%_OCB_NVNT_ANT2_802_11ac(VHT40)_5755**

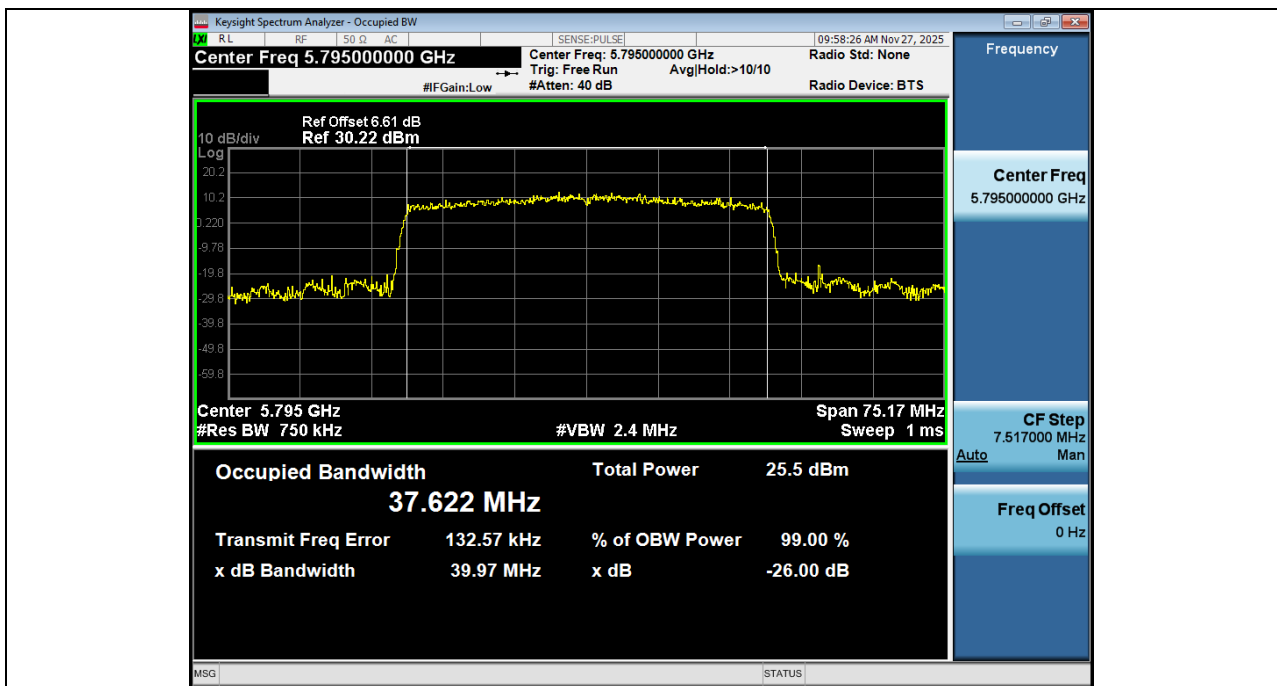
**-26BW_NVNT_ANT2_802_11ac(VHT40)_5755****99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5795**

**-26BW_NVNT_ANT1_802_11ac(VHT40)_5795****99%_OCB_NVNT_ANT2_802_11ac(VHT40)_5795**

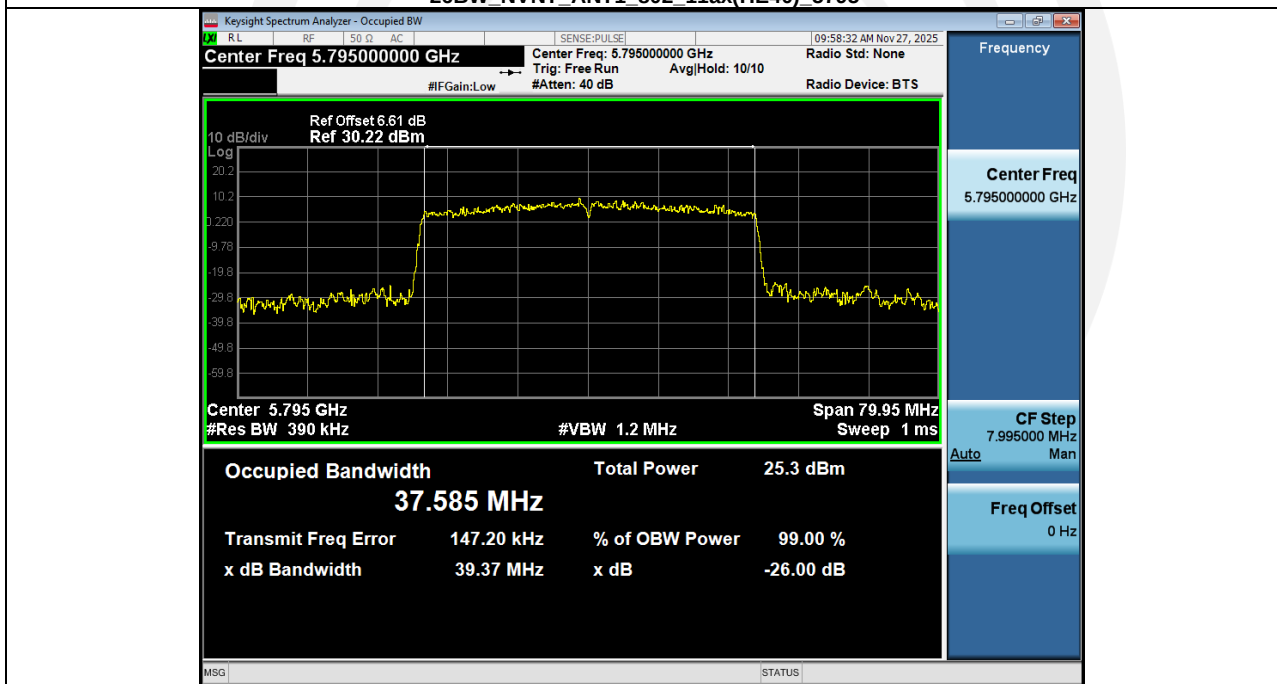
**-26BW_NVNT_ANT2_802_11ac(VHT40)_5795****99%_OCB_NVNT_ANT1_802_11ax(HE40)_5755**

**-26BW_NVNT_ANT1_802_11ax(HE40)_5755****99%_OCB_NVNT_ANT2_802_11ax(HE40)_5755**

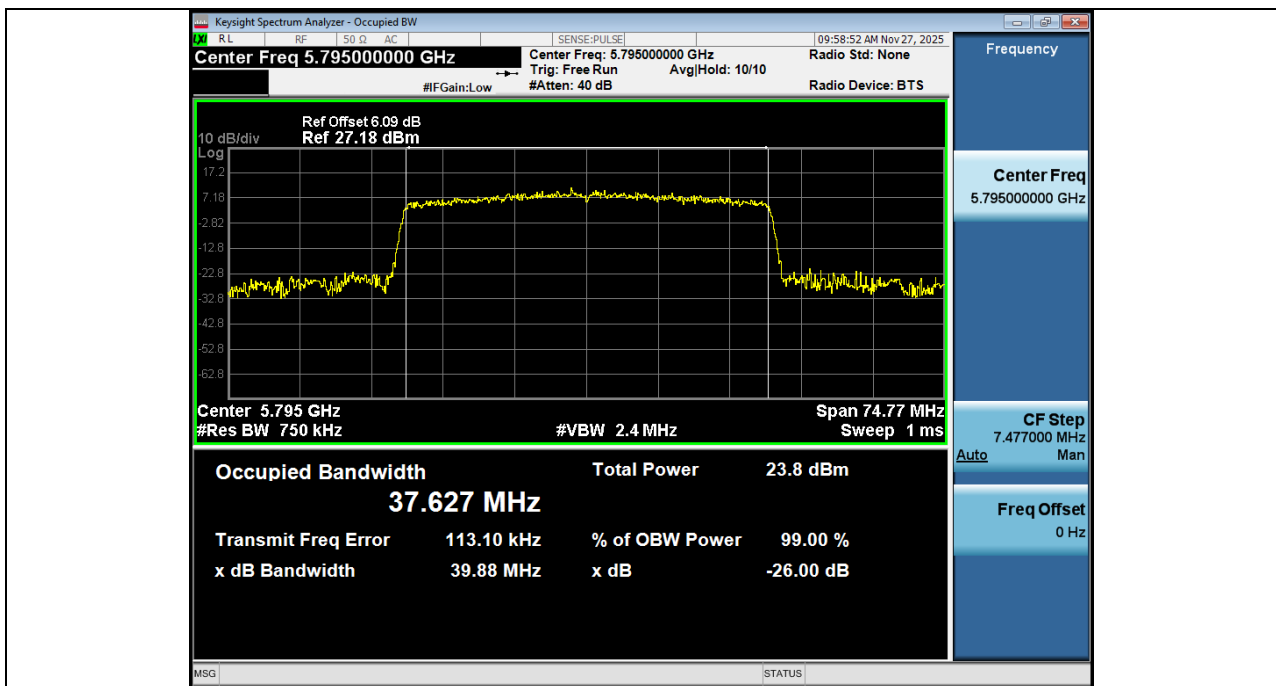
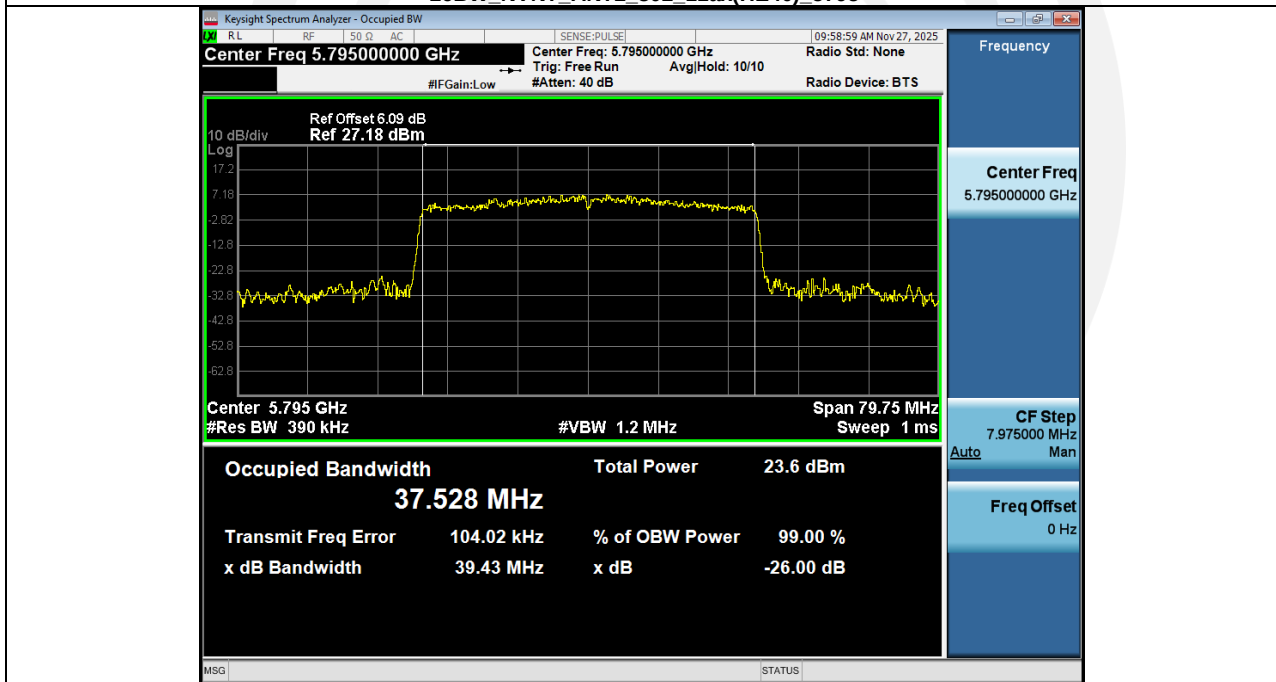
**-26BW_NVNT_ANT2_802_11ax(HE40)_5755****99%_OCB_NVNT_ANT1_802_11ax(HE40)_5795**

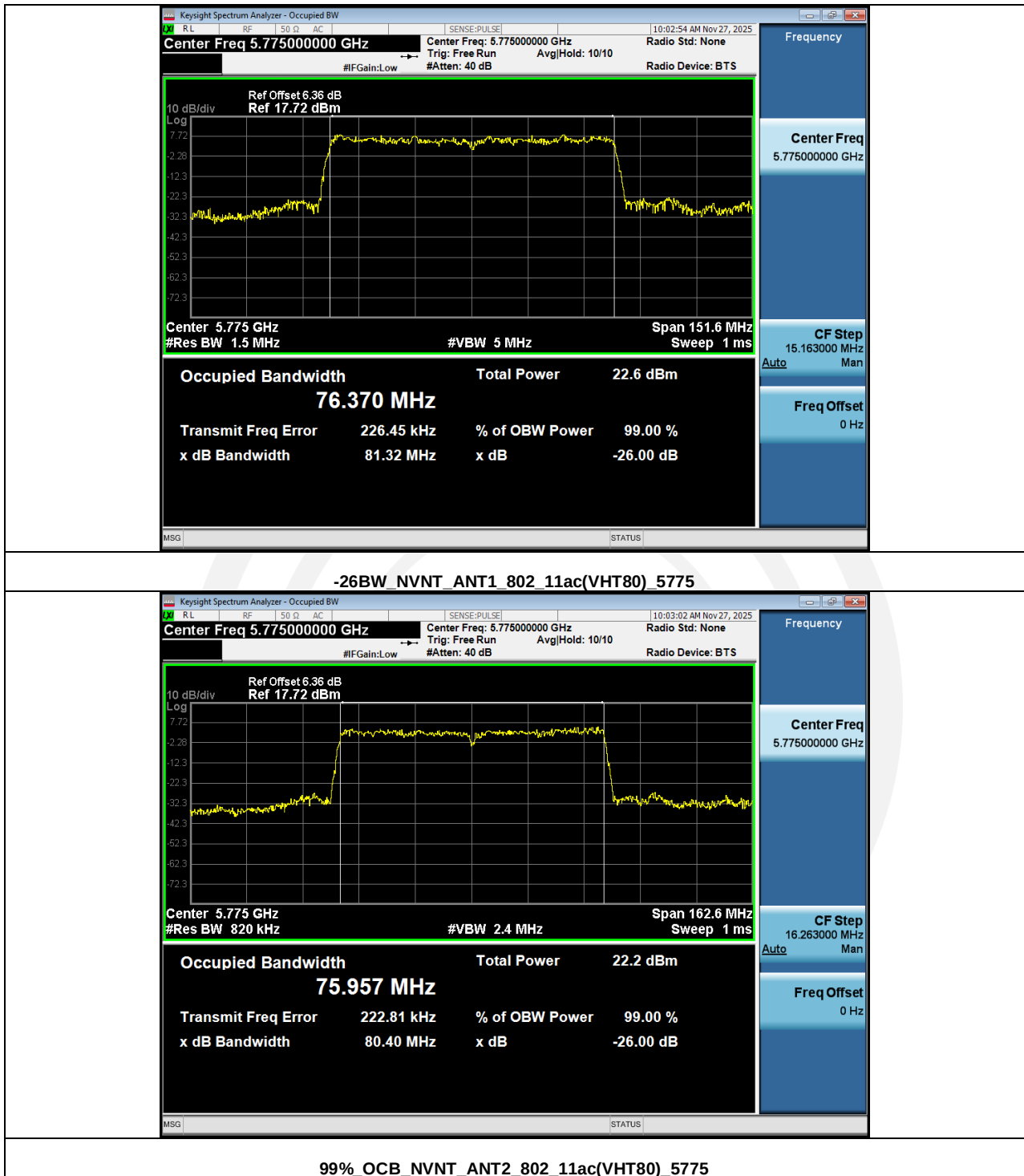


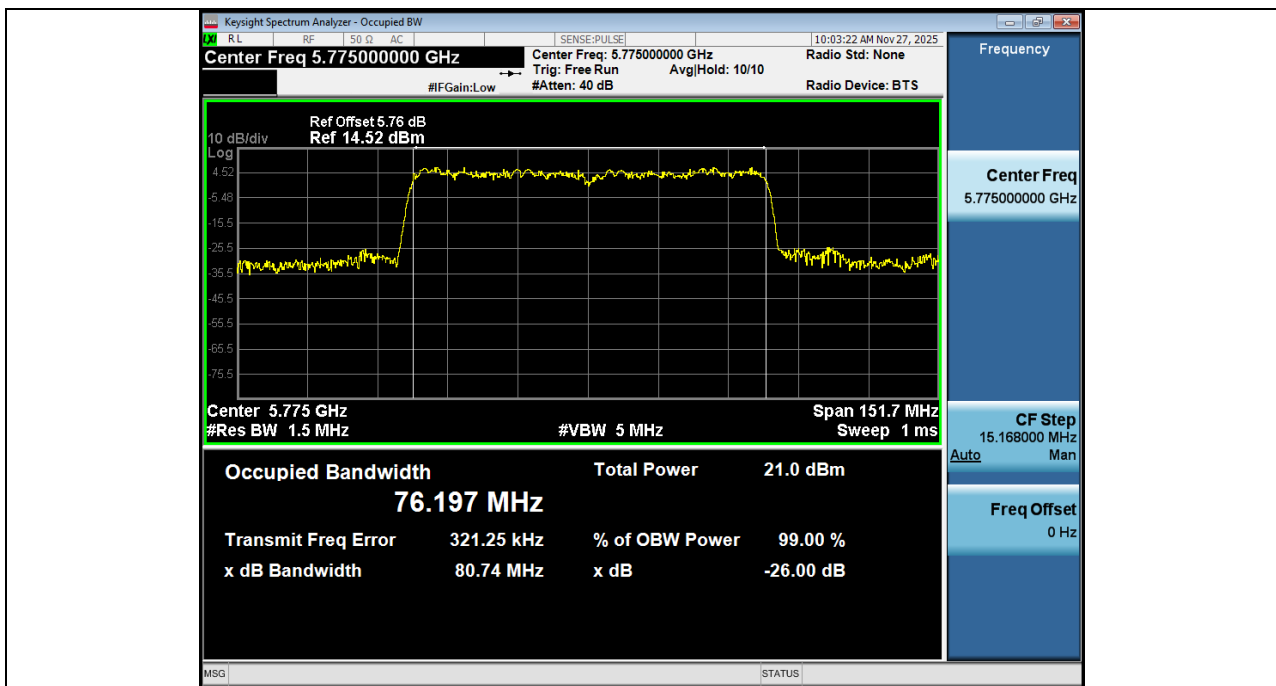
-26BW_NVNT_ANT1_802_11ax(HE40)_5795



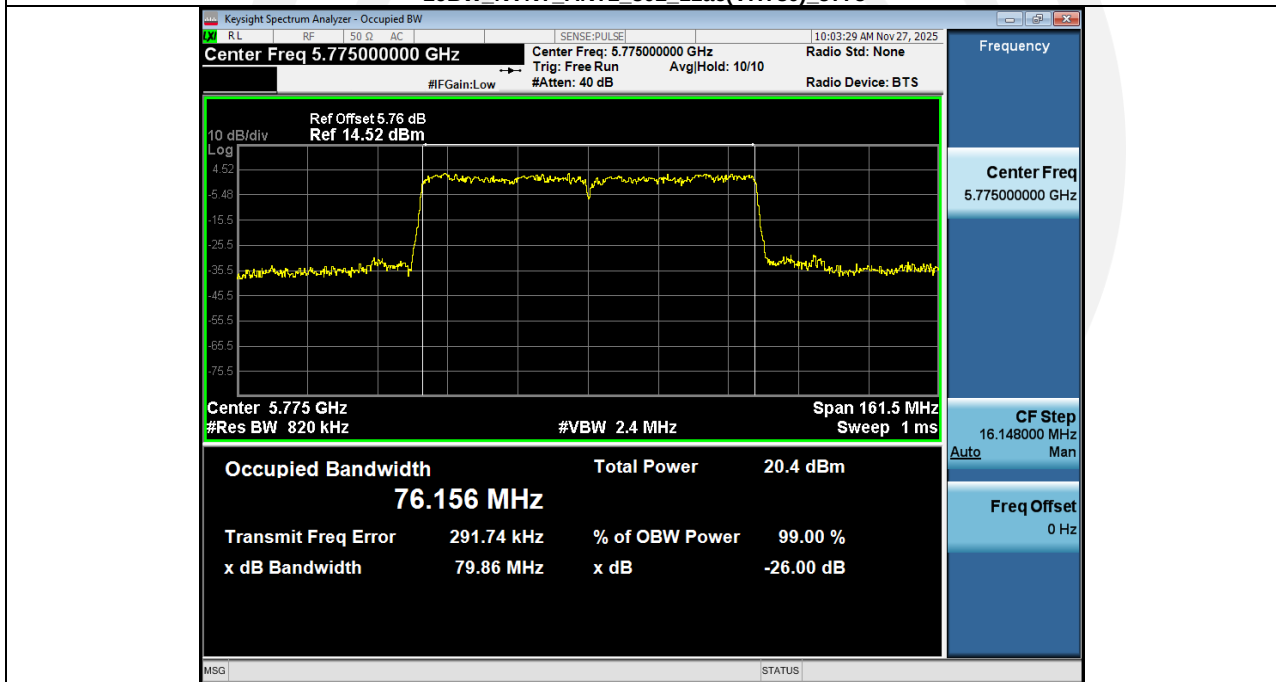
99%_OCB_NVNT_ANT2_802_11ax(HE40)_5795

**-26BW_NVNT_ANT2_802_11ax(HE40)_5795****99%_OCB_NVNT_ANT1_802_11ac(VHT80)_5775**

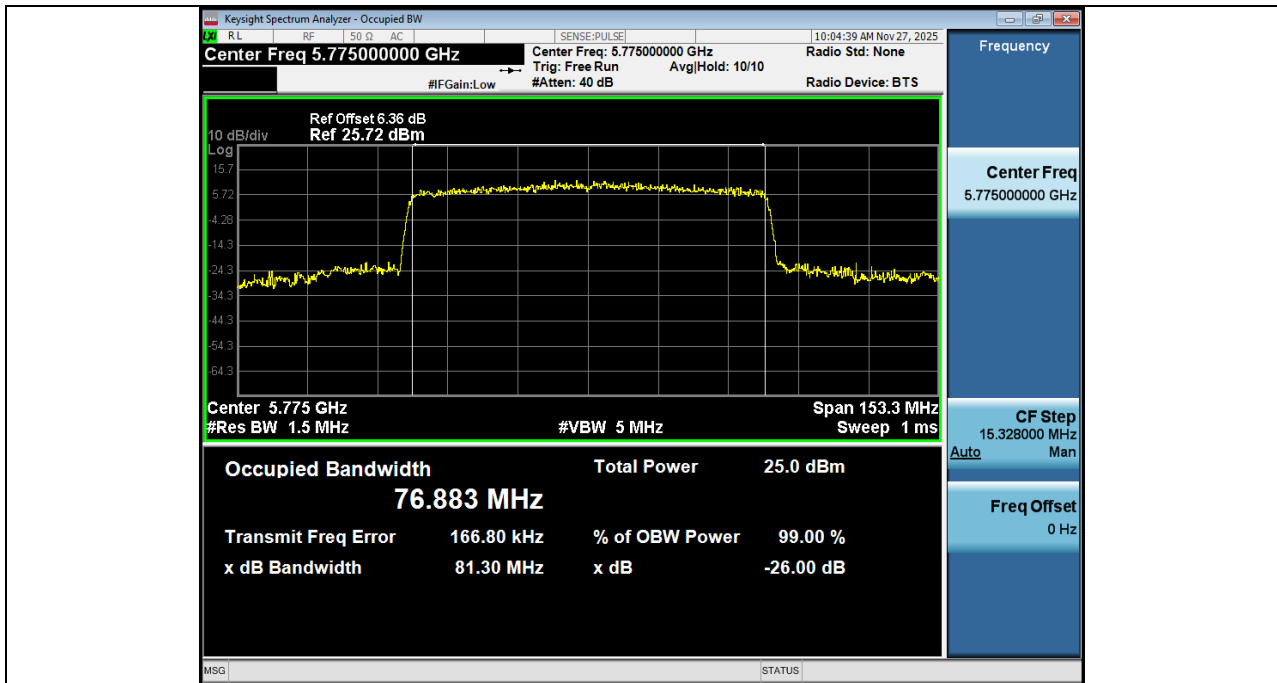




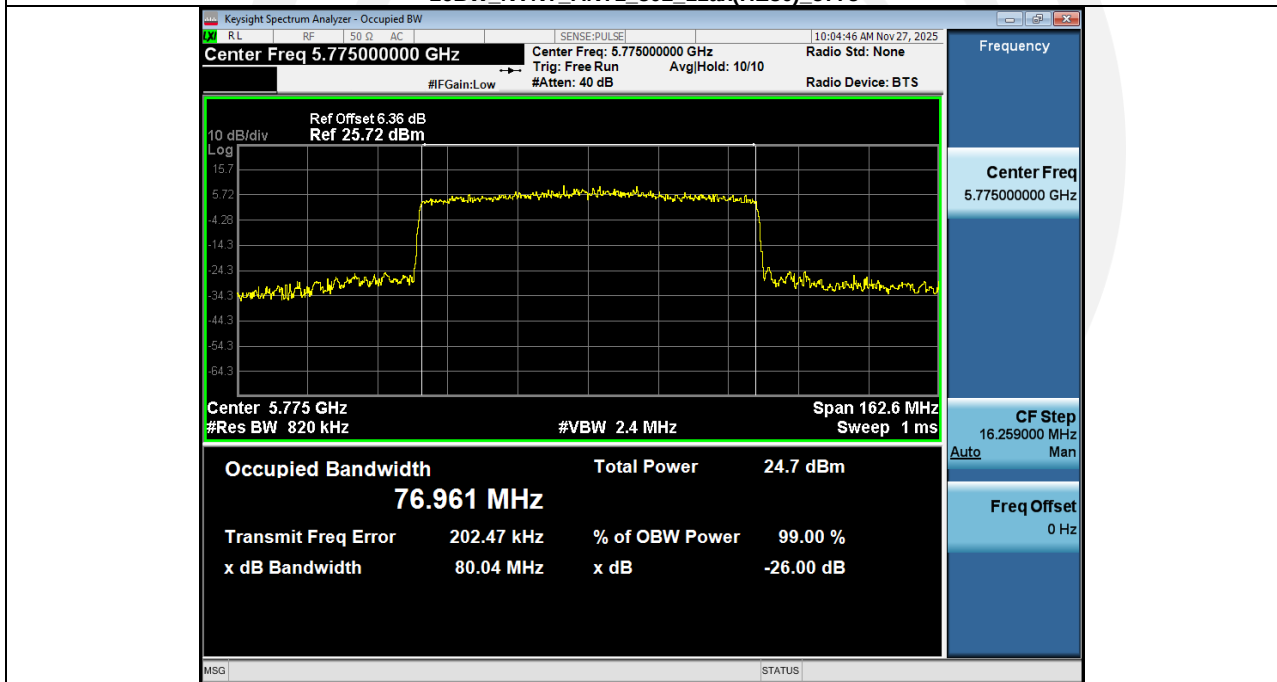
-26BW_NVNT_ANT2_802_11ac(VHT80)_5775



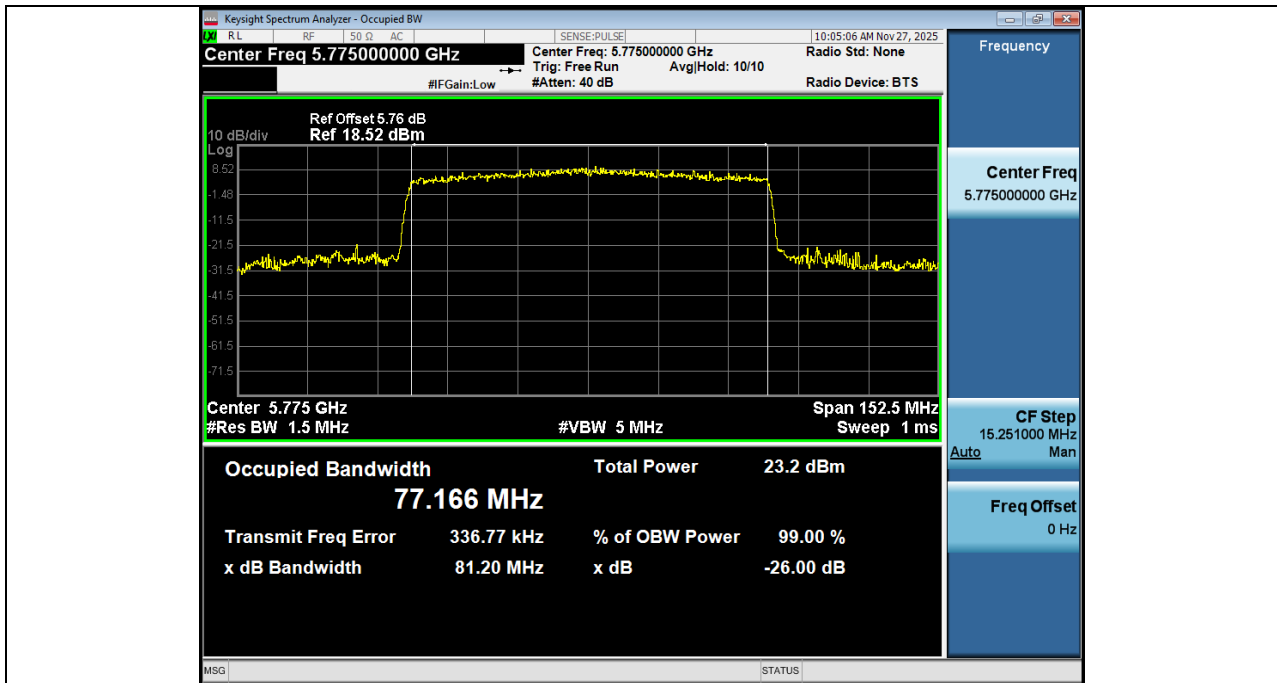
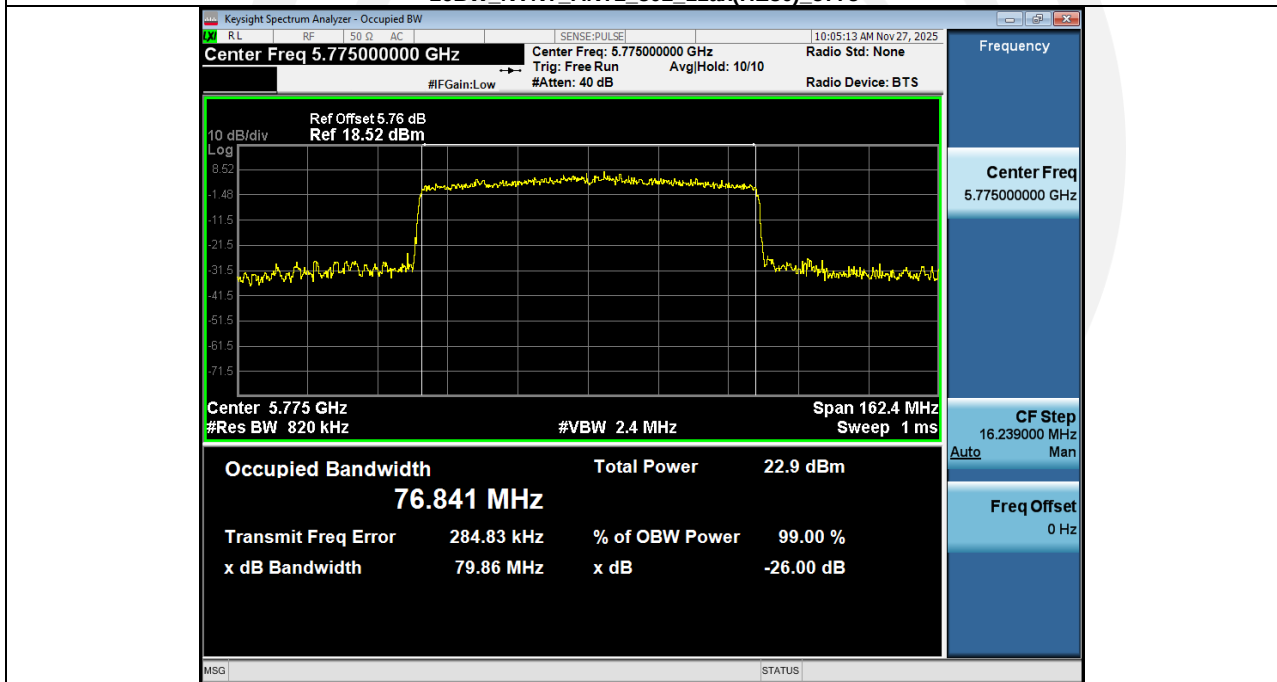
99%_OCB_NVNT_ANT1_802_11ax(HE80)_5775



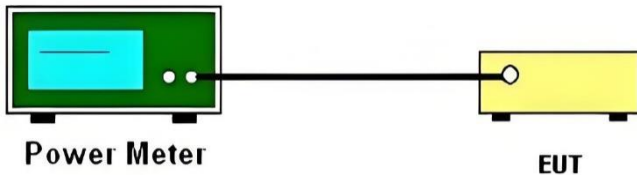
-26BW_NVNT_ANT1_802_11ax(HE80)_5775



99%_OCB_NVNT_ANT2_802_11ax(HE80)_5775

**-26BW_NVNT_ANT2_802_11ax(HE80)_5775**

4.4 Maximum Conducted Output Power

Test Requirement:	FCC Part15 E Section 15.407(a)(1)(iv)-(B1), (a)(3)(i)-(B4)
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. For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance. If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
Test setup:	 The diagram illustrates the test setup. On the left is a green rectangular box labeled 'Power Meter' with a blue screen and two small white circles representing buttons. A black cable connects the Power Meter to a yellow rectangular box on the right labeled 'EUT' (Equipment Under Test).
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., $10 \log(1/0.25)$ 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	17.63	0.18	17.81	24	Pass
NVNT	ANT2	802.11a	5180.00	17.07	0.12	17.19	24	Pass
NVNT	ANT1	802.11a	5200.00	18.04	0.12	18.16	24	Pass
NVNT	ANT2	802.11a	5200.00	17.53	0.18	17.71	24	Pass
NVNT	ANT1	802.11a	5240.00	17.75	0.18	17.93	24	Pass
NVNT	ANT2	802.11a	5240.00	17.34	0.18	17.52	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	16.38	0.38	16.76	24	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	15.45	0.37	15.82	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	16.29	0.37	16.66	24	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	15.97	0.25	16.22	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	16.62	0.37	16.99	24	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	16.06	0.37	16.43	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	15.76	0.51	16.27	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	15.47	0.35	15.82	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	16.35	0.35	16.70	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	15.95	0.51	16.46	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	16.54	0.51	17.05	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	16.08	0.51	16.59	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	16.11	0.71	16.82	24	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	15.56	0.71	16.27	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	16.18	0.67	16.85	24	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	15.93	0.71	16.64	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	15.76	0.90	16.66	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	15.41	0.90	16.31	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	16.06	0.90	16.96	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	15.71	0.90	16.61	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	14.97	1.38	16.35	24	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	14.68	1.55	16.23	24	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	15.90	0.58	16.48	24	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	15.64	0.56	16.20	24	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	16.01	0.58	16.59	24	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	15.88	0.58	16.46	24	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	16.70	0.58	17.28	24	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	15.81	0.56	16.37	24	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	16.34	0.58	16.92	24	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	15.58	0.58	16.16	24	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	16.96	0.58	17.54	24	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	16.00	0.38	16.38	24	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	15.87	0.61	16.48	24	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	15.50	0.61	16.11	24	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	95.89	0.18
NVNT	ANT2	802.11a	5180.00	97.22	0.12
NVNT	ANT1	802.11a	5200.00	97.22	0.12
NVNT	ANT2	802.11a	5200.00	95.89	0.18
NVNT	ANT1	802.11a	5240.00	95.89	0.18
NVNT	ANT2	802.11a	5240.00	95.89	0.18
NVNT	ANT1	802.11n(HT20)	5180.00	91.67	0.38
NVNT	ANT2	802.11n(HT20)	5180.00	91.89	0.37
NVNT	ANT1	802.11n(HT20)	5200.00	91.89	0.37
NVNT	ANT2	802.11n(HT20)	5200.00	94.44	0.25
NVNT	ANT1	802.11n(HT20)	5240.00	91.89	0.37
NVNT	ANT2	802.11n(HT20)	5240.00	91.89	0.37
NVNT	ANT1	802.11ac(VHT20)	5180.00	88.89	0.51
NVNT	ANT2	802.11ac(VHT20)	5180.00	92.31	0.35
NVNT	ANT1	802.11ac(VHT20)	5200.00	92.31	0.35
NVNT	ANT2	802.11ac(VHT20)	5200.00	88.89	0.51
NVNT	ANT1	802.11ac(VHT20)	5240.00	88.89	0.51
NVNT	ANT2	802.11ac(VHT20)	5240.00	88.89	0.51
NVNT	ANT1	802.11n(HT40)	5190.00	85.00	0.71
NVNT	ANT2	802.11n(HT40)	5190.00	85.00	0.71
NVNT	ANT1	802.11n(HT40)	5230.00	85.71	0.67
NVNT	ANT2	802.11n(HT40)	5230.00	85.00	0.71
NVNT	ANT1	802.11ac(VHT40)	5190.00	81.25	0.90
NVNT	ANT2	802.11ac(VHT40)	5190.00	81.25	0.90
NVNT	ANT1	802.11ac(VHT40)	5230.00	81.25	0.90
NVNT	ANT2	802.11ac(VHT40)	5230.00	81.25	0.90
NVNT	ANT1	802.11ac(VHT80)	5210.00	72.73	1.38
NVNT	ANT2	802.11ac(VHT80)	5210.00	70.00	1.55
NVNT	ANT1	802.11ax(HE20)	5180.00	87.50	0.58
NVNT	ANT2	802.11ax(HE20)	5180.00	88.00	0.56
NVNT	ANT1	802.11ax(HE20)	5200.00	87.50	0.58
NVNT	ANT2	802.11ax(HE20)	5200.00	87.50	0.58
NVNT	ANT1	802.11ax(HE20)	5240.00	87.50	0.58
NVNT	ANT2	802.11ax(HE20)	5240.00	88.00	0.56
NVNT	ANT1	802.11ax(HE40)	5190.00	87.50	0.58
NVNT	ANT2	802.11ax(HE40)	5190.00	87.50	0.58
NVNT	ANT1	802.11ax(HE40)	5230.00	87.50	0.58
NVNT	ANT2	802.11ax(HE40)	5230.00	91.67	0.38
NVNT	ANT1	802.11ax(HE80)	5210.00	86.96	0.61
NVNT	ANT2	802.11ax(HE80)	5210.00	86.96	0.61

MIMO:

Condition	Antenna	Mode	Frequency(MHz)	MIMO Conducted Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	5180.00	19.33	24	Pass
NVNT	MIMO_TX	802.11n(HT20)	5200.00	19.46	24	Pass
NVNT	MIMO_TX	802.11n(HT20)	5240.00	19.73	24	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5180.00	19.06	24	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5200.00	19.59	24	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5240.00	19.83	24	Pass
NVNT	MIMO_TX	802.11n(HT40)	5190.00	19.56	24	Pass
NVNT	MIMO_TX	802.11n(HT40)	5230.00	19.75	24	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5190.00	19.50	24	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5230.00	19.80	24	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5210.00	19.30	24	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5180.00	18.78	24	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5200.00	18.96	24	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5240.00	19.29	24	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5190.00	18.99	24	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5230.00	19.52	24	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5210.00	18.70	24	Pass

Band 2 (5260-5320 MHz) SISO:

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5260.00	18.80	0.18	18.98	24	Pass
NVNT	ANT2	802.11a	5260.00	17.56	0.18	17.74	24	Pass
NVNT	ANT1	802.11a	5300.00	18.44	0.18	18.62	24	Pass
NVNT	ANT2	802.11a	5300.00	17.33	0.18	17.51	24	Pass
NVNT	ANT1	802.11a	5320.00	18.37	0.12	18.49	24	Pass
NVNT	ANT2	802.11a	5320.00	17.12	0.18	17.30	24	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	17.27	0.37	17.64	24	Pass
NVNT	ANT2	802.11n(HT20)	5260.00	16.15	0.37	16.52	24	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	16.85	0.37	17.22	24	Pass
NVNT	ANT2	802.11n(HT20)	5300.00	15.87	0.37	16.24	24	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	16.66	0.25	16.91	24	Pass
NVNT	ANT2	802.11n(HT20)	5320.00	15.69	0.38	16.07	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	17.07	0.51	17.58	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5260.00	16.11	0.51	16.62	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	16.61	0.51	17.12	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5300.00	15.78	0.51	16.29	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	16.54	0.51	17.05	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5320.00	15.51	0.51	16.02	24	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	17.14	0.71	17.85	24	Pass
NVNT	ANT2	802.11n(HT40)	5270.00	16.08	0.67	16.75	24	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	16.76	0.71	17.47	24	Pass
NVNT	ANT2	802.11n(HT40)	5310.00	15.79	0.71	16.50	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	16.88	0.62	17.50	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5270.00	15.94	0.90	16.84	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	16.52	0.90	17.42	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5310.00	15.62	0.90	16.52	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5290.00	15.62	1.55	17.17	24	Pass
NVNT	ANT2	802.11ac(VHT80)	5290.00	14.91	1.38	16.29	24	Pass
NVNT	ANT1	802.11ax(HE20)	5260.00	17.64	0.56	18.20	24	Pass
NVNT	ANT2	802.11ax(HE20)	5260.00	17.36	0.56	17.92	24	Pass
NVNT	ANT1	802.11ax(HE20)	5300.00	17.29	0.56	17.85	24	Pass
NVNT	ANT2	802.11ax(HE20)	5300.00	17.13	0.38	17.51	24	Pass
NVNT	ANT1	802.11ax(HE20)	5320.00	17.06	0.58	17.64	24	Pass
NVNT	ANT2	802.11ax(HE20)	5320.00	16.43	0.56	16.99	24	Pass
NVNT	ANT1	802.11ax(HE40)	5270.00	17.95	0.58	18.53	24	Pass
NVNT	ANT2	802.11ax(HE40)	5270.00	17.90	0.56	18.46	24	Pass
NVNT	ANT1	802.11ax(HE40)	5310.00	17.51	0.58	18.09	24	Pass
NVNT	ANT2	802.11ax(HE40)	5310.00	17.12	0.56	17.68	24	Pass
NVNT	ANT1	802.11ax(HE80)	5290.00	16.97	0.40	17.37	24	Pass
NVNT	ANT2	802.11ax(HE80)	5290.00	16.90	0.61	17.51	24	Pass

Condition	Antenna	Modulation	Frequency(MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5260.00	95.89	0.18
NVNT	ANT2	802.11a	5260.00	95.89	0.18
NVNT	ANT1	802.11a	5300.00	95.89	0.18
NVNT	ANT2	802.11a	5300.00	95.83	0.18
NVNT	ANT1	802.11a	5320.00	97.22	0.12
NVNT	ANT2	802.11a	5320.00	95.89	0.18
NVNT	ANT1	802.11n(HT20)	5260.00	91.89	0.37
NVNT	ANT2	802.11n(HT20)	5260.00	91.89	0.37
NVNT	ANT1	802.11n(HT20)	5300.00	91.89	0.37
NVNT	ANT2	802.11n(HT20)	5300.00	91.89	0.37
NVNT	ANT1	802.11n(HT20)	5320.00	94.44	0.25
NVNT	ANT2	802.11n(HT20)	5320.00	91.67	0.38
NVNT	ANT1	802.11ac(VHT20)	5260.00	88.89	0.51
NVNT	ANT2	802.11ac(VHT20)	5260.00	88.89	0.51
NVNT	ANT1	802.11ac(VHT20)	5300.00	88.89	0.51
NVNT	ANT2	802.11ac(VHT20)	5300.00	88.89	0.51
NVNT	ANT1	802.11ac(VHT20)	5320.00	88.89	0.51
NVNT	ANT2	802.11ac(VHT20)	5320.00	88.89	0.51
NVNT	ANT1	802.11n(HT40)	5270.00	85.00	0.71
NVNT	ANT2	802.11n(HT40)	5270.00	85.71	0.67
NVNT	ANT1	802.11n(HT40)	5310.00	85.00	0.71
NVNT	ANT2	802.11n(HT40)	5310.00	85.00	0.71
NVNT	ANT1	802.11ac(VHT40)	5270.00	86.67	0.62
NVNT	ANT2	802.11ac(VHT40)	5270.00	81.25	0.90
NVNT	ANT1	802.11ac(VHT40)	5310.00	81.25	0.90
NVNT	ANT2	802.11ac(VHT40)	5310.00	81.25	0.90
NVNT	ANT1	802.11ac(VHT80)	5290.00	70.00	1.55
NVNT	ANT2	802.11ac(VHT80)	5290.00	72.73	1.38
NVNT	ANT1	802.11ax(HE20)	5260.00	88.00	0.56
NVNT	ANT2	802.11ax(HE20)	5260.00	88.00	0.56
NVNT	ANT1	802.11ax(HE20)	5300.00	88.00	0.56
NVNT	ANT2	802.11ax(HE20)	5300.00	91.67	0.38
NVNT	ANT1	802.11ax(HE20)	5320.00	87.50	0.58
NVNT	ANT2	802.11ax(HE20)	5320.00	88.00	0.56
NVNT	ANT1	802.11ax(HE40)	5270.00	87.50	0.58
NVNT	ANT2	802.11ax(HE40)	5270.00	88.00	0.56
NVNT	ANT1	802.11ax(HE40)	5310.00	87.50	0.58
NVNT	ANT2	802.11ax(HE40)	5310.00	88.00	0.56
NVNT	ANT1	802.11ax(HE80)	5290.00	91.30	0.40
NVNT	ANT2	802.11ax(HE80)	5290.00	86.96	0.61

MIMO:

Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted_Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	5260.00	20.12	24	Pass
NVNT	MIMO_TX	802.11n(HT20)	5300.00	19.77	24	Pass
NVNT	MIMO_TX	802.11n(HT20)	5320.00	19.52	24	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5260.00	20.14	24	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5300.00	19.73	24	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5320.00	19.58	24	Pass
NVNT	MIMO_TX	802.11n(HT40)	5270.00	20.35	24	Pass
NVNT	MIMO_TX	802.11n(HT40)	5310.00	20.02	24	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5270.00	20.19	24	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5310.00	20.00	24	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5290.00	19.76	24	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5260.00	21.07	24	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5300.00	20.69	24	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5320.00	20.34	24	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5270.00	21.51	24	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5310.00	20.90	24	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5290.00	20.45	24	Pass

Band 3 (5500-5570 MHz) SISO:

Condition	Antenna	Modulation	Frequency(MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5500.00	16.85	0.18	17.03	24	Pass
NVNT	ANT2	802.11a	5500.00	15.50	0.18	15.68	24	Pass
NVNT	ANT1	802.11a	5600.00	16.27	0.12	16.39	24	Pass
NVNT	ANT2	802.11a	5600.00	17.29	0.12	17.41	24	Pass
NVNT	ANT1	802.11a	5700.00	15.84	0.18	15.96	24	Pass
NVNT	ANT2	802.11a	5700.00	16.24	0.18	16.42	24	Pass
NVNT	ANT1	802.11n(HT20)	5500.00	15.51	0.25	15.76	24	Pass
NVNT	ANT2	802.11n(HT20)	5500.00	14.04	0.37	14.41	24	Pass
NVNT	ANT1	802.11n(HT20)	5600.00	14.67	0.37	15.04	24	Pass
NVNT	ANT2	802.11n(HT20)	5600.00	15.73	0.25	15.98	24	Pass
NVNT	ANT1	802.11n(HT20)	5700.00	14.14	0.37	14.51	24	Pass
NVNT	ANT2	802.11n(HT20)	5700.00	14.47	0.38	14.85	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5500.00	15.15	0.51	15.66	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5500.00	13.86	0.51	14.37	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5600.00	14.47	0.35	14.82	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5600.00	15.70	0.51	16.21	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5700.00	14.07	0.51	14.58	24	Pass
NVNT	ANT2	802.11ac(VHT20)	5700.00	14.59	0.51	15.10	24	Pass
NVNT	ANT1	802.11n(HT40)	5510.00	15.17	0.71	15.88	24	Pass
NVNT	ANT2	802.11n(HT40)	5510.00	14.02	0.71	14.73	24	Pass
NVNT	ANT1	802.11n(HT40)	5590.00	14.25	0.46	14.71	24	Pass
NVNT	ANT2	802.11n(HT40)	5590.00	15.60	0.71	16.31	24	Pass
NVNT	ANT1	802.11n(HT40)	5670.00	15.30	0.71	16.01	24	Pass
NVNT	ANT2	802.11n(HT40)	5670.00	15.11	0.71	15.82	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5510.00	14.98	0.90	15.88	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5510.00	13.78	0.90	14.68	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5590.00	14.18	0.90	15.08	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5590.00	15.38	0.90	16.28	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5670.00	15.01	0.90	15.91	24	Pass
NVNT	ANT2	802.11ac(VHT40)	5670.00	15.02	0.90	15.92	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5530.00	13.33	1.55	14.88	24	Pass
NVNT	ANT2	802.11ac(VHT80)	5530.00	12.56	0.97	13.53	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5610.00	13.55	1.55	15.10	24	Pass
NVNT	ANT2	802.11ac(VHT80)	5610.00	14.78	1.55	16.33	24	Pass
NVNT	ANT1	802.11ax(HE20)	5500.00	15.22	0.58	15.60	24	Pass
NVNT	ANT2	802.11ax(HE20)	5500.00	14.73	0.58	15.31	24	Pass
NVNT	ANT1	802.11ax(HE20)	5600.00	15.85	0.38	16.23	24	Pass
NVNT	ANT2	802.11ax(HE20)	5600.00	16.53	0.38	16.91	24	Pass
NVNT	ANT1	802.11ax(HE20)	5700.00	15.44	0.56	16.00	24	Pass
NVNT	ANT2	802.11ax(HE20)	5700.00	14.07	0.56	14.63	24	Pass
NVNT	ANT1	802.11ax(HE40)	5510.00	16.02	0.58	16.60	24	Pass
NVNT	ANT2	802.11ax(HE40)	5510.00	15.30	0.58	15.88	24	Pass
NVNT	ANT1	802.11ax(HE40)	5590.00	15.93	0.58	16.51	24	Pass
NVNT	ANT2	802.11ax(HE40)	5590.00	16.32	0.58	16.90	24	Pass
NVNT	ANT1	802.11ax(HE40)	5670.00	15.67	0.56	16.23	24	Pass
NVNT	ANT2	802.11ax(HE40)	5670.00	15.14	0.38	15.52	24	Pass
NVNT	ANT1	802.11ax(HE80)	5530.00	14.60	0.58	15.18	24	Pass
NVNT	ANT2	802.11ax(HE80)	5530.00	14.33	0.40	14.73	24	Pass
NVNT	ANT1	802.11ax(HE80)	5610.00	15.76	0.40	16.16	24	Pass
NVNT	ANT2	802.11ax(HE80)	5610.00	16.26	0.40	16.66	24	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5500.00	95.89	0.18
NVNT	ANT2	802.11a	5500.00	95.83	0.18
NVNT	ANT1	802.11a	5600.00	97.22	0.12
NVNT	ANT2	802.11a	5600.00	97.22	0.12
NVNT	ANT1	802.11a	5700.00	95.89	0.18
NVNT	ANT2	802.11a	5700.00	95.83	0.18
NVNT	ANT1	802.11n(HT20)	5500.00	94.44	0.25
NVNT	ANT2	802.11n(HT20)	5500.00	91.89	0.37
NVNT	ANT1	802.11n(HT20)	5600.00	91.89	0.37
NVNT	ANT2	802.11n(HT20)	5600.00	94.44	0.25
NVNT	ANT1	802.11n(HT20)	5700.00	91.89	0.37
NVNT	ANT2	802.11n(HT20)	5700.00	91.67	0.38
NVNT	ANT1	802.11ac(VHT20)	5500.00	88.89	0.51
NVNT	ANT2	802.11ac(VHT20)	5500.00	88.89	0.51
NVNT	ANT1	802.11ac(VHT20)	5600.00	92.31	0.35
NVNT	ANT2	802.11ac(VHT20)	5600.00	88.89	0.51
NVNT	ANT1	802.11ac(VHT20)	5700.00	88.89	0.51
NVNT	ANT2	802.11ac(VHT20)	5700.00	88.89	0.51
NVNT	ANT1	802.11n(HT40)	5510.00	85.00	0.71
NVNT	ANT2	802.11n(HT40)	5510.00	85.00	0.71
NVNT	ANT1	802.11n(HT40)	5590.00	90.00	0.46
NVNT	ANT2	802.11n(HT40)	5590.00	85.00	0.71
NVNT	ANT1	802.11n(HT40)	5670.00	85.00	0.71
NVNT	ANT2	802.11n(HT40)	5670.00	85.00	0.71
NVNT	ANT1	802.11ac(VHT40)	5510.00	81.25	0.90
NVNT	ANT2	802.11ac(VHT40)	5510.00	81.25	0.90
NVNT	ANT1	802.11ac(VHT40)	5590.00	81.25	0.90
NVNT	ANT2	802.11ac(VHT40)	5590.00	81.25	0.90
NVNT	ANT1	802.11ac(VHT40)	5670.00	81.25	0.90
NVNT	ANT2	802.11ac(VHT40)	5670.00	81.25	0.90
NVNT	ANT1	802.11ac(VHT80)	5530.00	70.00	1.55
NVNT	ANT2	802.11ac(VHT80)	5530.00	80.00	0.97
NVNT	ANT1	802.11ac(VHT80)	5610.00	70.00	1.55
NVNT	ANT2	802.11ac(VHT80)	5610.00	70.00	1.55
NVNT	ANT1	802.11ax(HE20)	5500.00	87.50	0.58
NVNT	ANT2	802.11ax(HE20)	5500.00	87.50	0.58
NVNT	ANT1	802.11ax(HE20)	5600.00	91.67	0.38
NVNT	ANT2	802.11ax(HE20)	5600.00	91.67	0.38
NVNT	ANT1	802.11ax(HE20)	5700.00	88.00	0.56
NVNT	ANT2	802.11ax(HE20)	5700.00	88.00	0.56
NVNT	ANT1	802.11ax(HE40)	5510.00	87.50	0.58
NVNT	ANT2	802.11ax(HE40)	5510.00	87.50	0.58
NVNT	ANT1	802.11ax(HE40)	5590.00	87.50	0.58
NVNT	ANT2	802.11ax(HE40)	5590.00	87.50	0.58
NVNT	ANT1	802.11ax(HE40)	5670.00	88.00	0.56
NVNT	ANT2	802.11ax(HE40)	5670.00	91.67	0.38
NVNT	ANT1	802.11ax(HE80)	5530.00	87.50	0.58
NVNT	ANT2	802.11ax(HE80)	5530.00	91.30	0.40
NVNT	ANT1	802.11ax(HE80)	5610.00	91.30	0.40
NVNT	ANT2	802.11ax(HE80)	5610.00	91.30	0.40

MIMO:

Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted_Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	5500.00	18.15	24	Pass
NVNT	MIMO_TX	802.11n(HT20)	5600.00	18.54	24	Pass
NVNT	MIMO_TX	802.11n(HT20)	5700.00	17.69	24	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5500.00	18.07	24	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5600.00	18.58	24	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5700.00	17.86	24	Pass
NVNT	MIMO_TX	802.11n(HT40)	5510.00	18.35	24	Pass
NVNT	MIMO_TX	802.11n(HT40)	5590.00	18.59	24	Pass
NVNT	MIMO_TX	802.11n(HT40)	5670.00	18.92	24	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5510.00	18.33	24	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5590.00	18.73	24	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5670.00	18.93	24	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5530.00	17.27	24	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5610.00	18.77	24	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5500.00	18.47	24	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5600.00	19.59	24	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5700.00	18.38	24	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5510.00	19.27	24	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5590.00	19.72	24	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5670.00	18.90	24	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5530.00	17.97	24	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5610.00	19.43	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	18.03	0.18	18.21	30	Pass
NVNT	ANT2	802.11a	5745.00	17.62	0.18	17.80	30	Pass
NVNT	ANT1	802.11a	5785.00	18.68	0.18	18.86	30	Pass
NVNT	ANT2	802.11a	5785.00	17.87	0.18	18.05	30	Pass
NVNT	ANT1	802.11a	5825.00	17.96	0.18	18.14	30	Pass
NVNT	ANT2	802.11a	5825.00	17.84	0.18	18.02	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	16.52	0.37	16.89	30	Pass
NVNT	ANT2	802.11n(HT20)	5745.00	16.04	0.37	16.41	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	16.85	0.37	17.22	30	Pass
NVNT	ANT2	802.11n(HT20)	5785.00	16.59	0.37	16.96	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	16.17	0.25	16.42	30	Pass
NVNT	ANT2	802.11n(HT20)	5825.00	16.39	0.38	16.77	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	16.41	0.35	16.76	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5745.00	16.07	0.35	16.42	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	16.77	0.51	17.28	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5785.00	16.51	0.51	17.02	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	16.43	0.35	16.78	30	Pass
NVNT	ANT2	802.11ac(VHT20)	5825.00	16.30	0.51	16.81	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	15.72	0.46	16.18	30	Pass
NVNT	ANT2	802.11n(HT40)	5755.00	15.81	0.71	16.52	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	16.80	0.71	17.51	30	Pass
NVNT	ANT2	802.11n(HT40)	5795.00	16.35	0.71	17.06	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	15.57	0.90	16.47	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5755.00	15.63	0.90	16.53	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	16.49	0.90	17.39	30	Pass
NVNT	ANT2	802.11ac(VHT40)	5795.00	16.20	0.90	17.10	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	16.69	1.55	18.24	30	Pass
NVNT	ANT2	802.11ac(VHT80)	5775.00	16.33	1.55	17.88	30	Pass
NVNT	ANT1	802.11ax(HE20)	5745.00	17.05	0.58	17.63	30	Pass
NVNT	ANT2	802.11ax(HE20)	5745.00	16.69	0.56	17.25	30	Pass
NVNT	ANT1	802.11ax(HE20)	5785.00	16.92	0.58	17.50	30	Pass
NVNT	ANT2	802.11ax(HE20)	5785.00	16.85	0.56	17.41	30	Pass
NVNT	ANT1	802.11ax(HE20)	5825.00	16.30	0.58	16.88	30	Pass
NVNT	ANT2	802.11ax(HE20)	5825.00	16.05	0.58	16.63	30	Pass
NVNT	ANT1	802.11ax(HE40)	5755.00	17.08	0.58	17.66	30	Pass
NVNT	ANT2	802.11ax(HE40)	5755.00	16.71	0.58	17.29	30	Pass
NVNT	ANT1	802.11ax(HE40)	5795.00	17.26	0.38	17.64	30	Pass
NVNT	ANT2	802.11ax(HE40)	5795.00	17.10	0.58	17.68	30	Pass
NVNT	ANT1	802.11ax(HE80)	5775.00	16.14	0.61	16.75	30	Pass
NVNT	ANT2	802.11ax(HE80)	5775.00	15.96	0.58	16.54	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	95.89	0.18
NVNT	ANT2	802.11a	5745.00	95.89	0.18
NVNT	ANT1	802.11a	5785.00	95.89	0.18
NVNT	ANT2	802.11a	5785.00	95.89	0.18
NVNT	ANT1	802.11a	5825.00	95.83	0.18
NVNT	ANT2	802.11a	5825.00	95.83	0.18
NVNT	ANT1	802.11n(HT20)	5745.00	91.89	0.37
NVNT	ANT2	802.11n(HT20)	5745.00	91.89	0.37
NVNT	ANT1	802.11n(HT20)	5785.00	91.89	0.37
NVNT	ANT2	802.11n(HT20)	5785.00	91.89	0.37
NVNT	ANT1	802.11n(HT20)	5825.00	94.44	0.25
NVNT	ANT2	802.11n(HT20)	5825.00	91.67	0.38
NVNT	ANT1	802.11ac(VHT20)	5745.00	92.31	0.35
NVNT	ANT2	802.11ac(VHT20)	5745.00	92.31	0.35
NVNT	ANT1	802.11ac(VHT20)	5785.00	88.89	0.51
NVNT	ANT2	802.11ac(VHT20)	5785.00	88.89	0.51
NVNT	ANT1	802.11ac(VHT20)	5825.00	92.31	0.35
NVNT	ANT2	802.11ac(VHT20)	5825.00	88.89	0.51
NVNT	ANT1	802.11n(HT40)	5755.00	90.00	0.46
NVNT	ANT2	802.11n(HT40)	5755.00	85.00	0.71
NVNT	ANT1	802.11n(HT40)	5795.00	85.00	0.71
NVNT	ANT2	802.11n(HT40)	5795.00	85.00	0.71
NVNT	ANT1	802.11ac(VHT40)	5755.00	81.25	0.90
NVNT	ANT2	802.11ac(VHT40)	5755.00	81.25	0.90
NVNT	ANT1	802.11ac(VHT40)	5795.00	81.25	0.90
NVNT	ANT2	802.11ac(VHT40)	5795.00	81.25	0.90
NVNT	ANT1	802.11ac(VHT80)	5775.00	70.00	1.55
NVNT	ANT2	802.11ac(VHT80)	5775.00	70.00	1.55
NVNT	ANT1	802.11ax(HE20)	5745.00	87.50	0.58
NVNT	ANT2	802.11ax(HE20)	5745.00	88.00	0.56
NVNT	ANT1	802.11ax(HE20)	5785.00	87.50	0.58
NVNT	ANT2	802.11ax(HE20)	5785.00	88.00	0.56
NVNT	ANT1	802.11ax(HE20)	5825.00	87.50	0.58
NVNT	ANT2	802.11ax(HE20)	5825.00	87.50	0.58
NVNT	ANT1	802.11ax(HE40)	5755.00	87.50	0.58
NVNT	ANT2	802.11ax(HE40)	5755.00	87.50	0.58
NVNT	ANT1	802.11ax(HE40)	5795.00	91.67	0.38
NVNT	ANT2	802.11ax(HE40)	5795.00	87.50	0.58
NVNT	ANT1	802.11ax(HE80)	5775.00	86.96	0.61
NVNT	ANT2	802.11ax(HE80)	5775.00	87.50	0.58

MIMO:

Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted_Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	5745.00	19.66	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5785.00	20.10	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	5825.00	19.61	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5745.00	19.60	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5785.00	20.17	30	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5825.00	19.81	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5755.00	19.37	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	5795.00	20.30	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5755.00	19.51	30	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5795.00	20.26	30	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5775.00	21.08	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5745.00	20.45	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5785.00	20.46	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5825.00	19.77	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5755.00	20.49	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5795.00	20.67	30	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5775.00	19.66	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.

4.5 Power Spectral Density

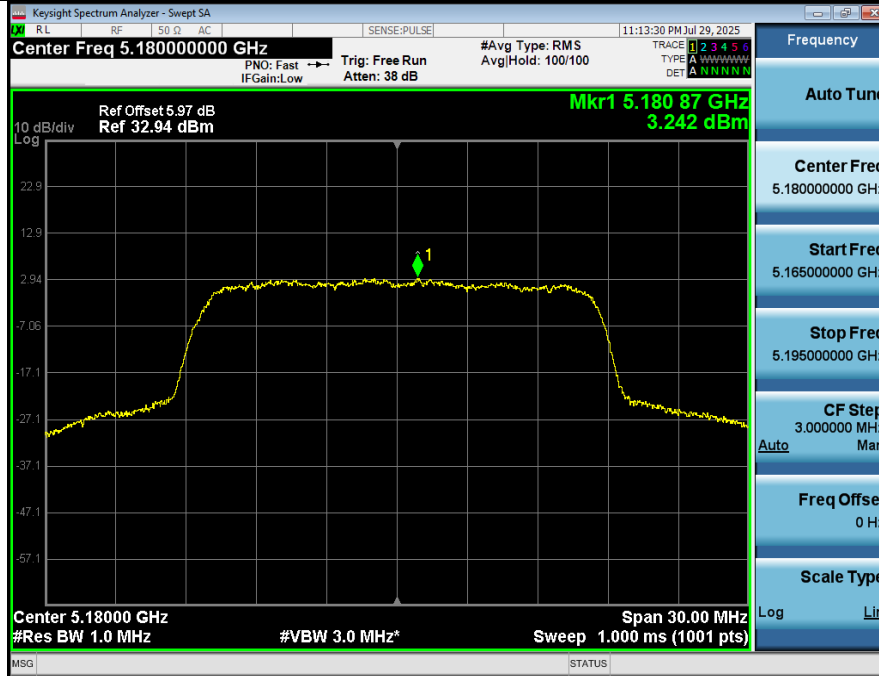
Test Requirement:	FCC Part15 E Section 15.407(a)(1)(iv)-(B1), (a)(3)(i)-(B4)
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	FCC: $1 \leq 11.00 \text{ dBm/MHz}$ for 5150MHz-5250MHz, 5250-5350MHz and 5470-5725 MHz $2 \leq 30.00 \text{ dBm/500KHz}$ for 5725MHz-5850MHz
Test setup:	 Spectrum Analyzer EUT
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

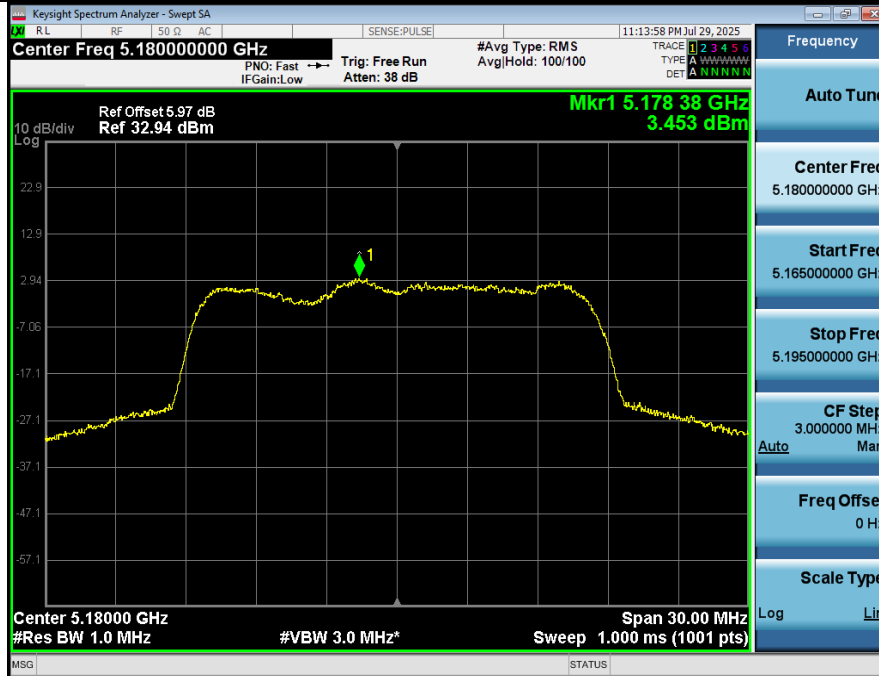
Band 1 (5150-5250 MHz) SISO:

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	3.24	0.18	3.42	11	Pass
NVNT	ANT2	802.11a	5180.00	3.45	0.12	3.57	11	Pass
NVNT	ANT1	802.11a	5200.00	3.92	0.12	4.04	11	Pass
NVNT	ANT2	802.11a	5200.00	3.80	0.18	3.98	11	Pass
NVNT	ANT1	802.11a	5240.00	3.90	0.18	4.08	11	Pass
NVNT	ANT2	802.11a	5240.00	3.06	0.18	3.24	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	0.40	0.38	0.78	11	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	-0.54	0.37	-0.17	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	0.14	0.37	0.51	11	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	-0.05	0.25	0.20	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	1.50	0.37	1.87	11	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	0.56	0.37	0.93	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-1.04	0.51	-0.53	11	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	-1.93	0.35	-1.58	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-0.28	0.35	0.07	11	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	-0.42	0.51	0.09	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-0.39	0.51	0.12	11	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	-0.36	0.51	0.15	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-5.33	0.71	-4.62	11	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	-5.57	0.71	-4.86	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-4.55	0.67	-3.88	11	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	-5.57	0.71	-4.86	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-7.75	0.90	-6.85	11	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	-7.80	0.90	-6.90	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-6.84	0.90	-5.94	11	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	-7.52	0.90	-6.62	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-16.27	1.38	-14.89	11	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	-14.21	1.55	-12.66	11	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	-2.41	0.58	-1.83	11	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	-1.11	0.56	-0.55	11	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	-1.81	0.58	-1.23	11	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	-1.75	0.58	-1.17	11	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	0.23	0.58	0.81	11	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	-1.62	0.56	-1.06	11	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	-3.90	0.58	-3.32	11	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	-5.02	0.58	-4.44	11	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	-3.71	0.58	-3.13	11	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	-4.24	0.38	-3.86	11	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	-7.23	0.61	-6.62	11	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	-6.00	0.61	-5.39	11	Pass

Power_Spectral_Density_NVNT_ANT1_802_11a_5180



Power_Spectral_Density_NVNT_ANT2_802_11a_5180



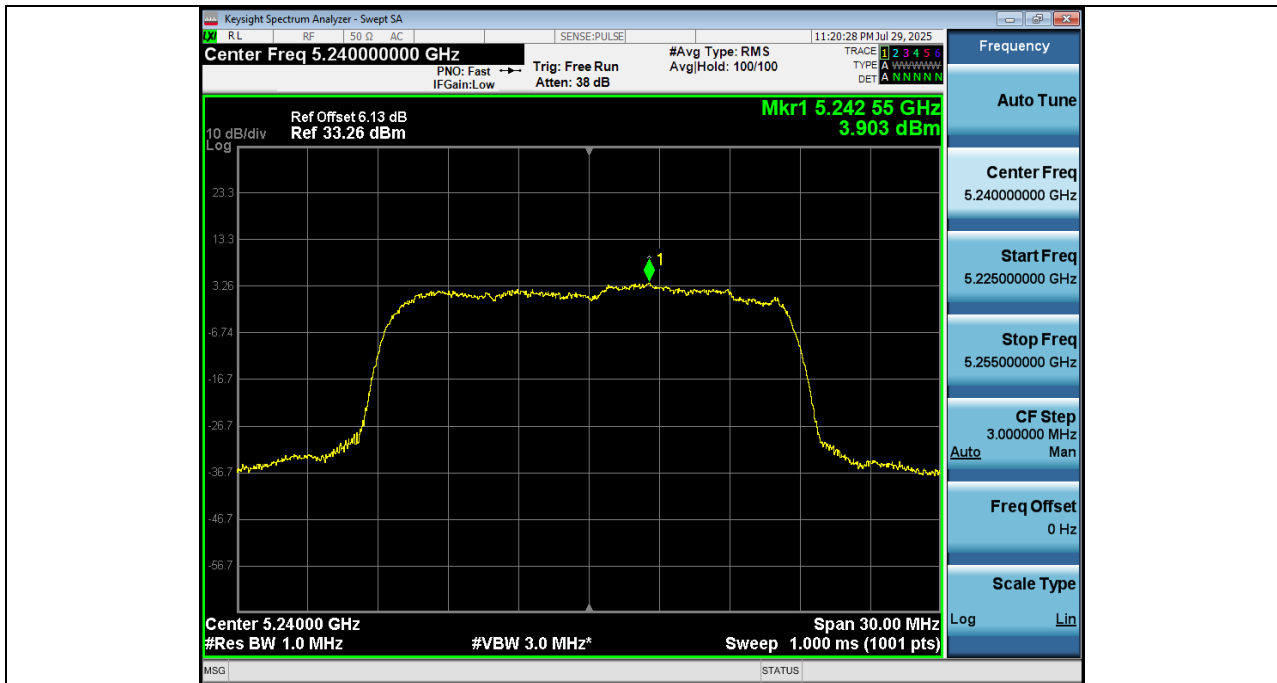
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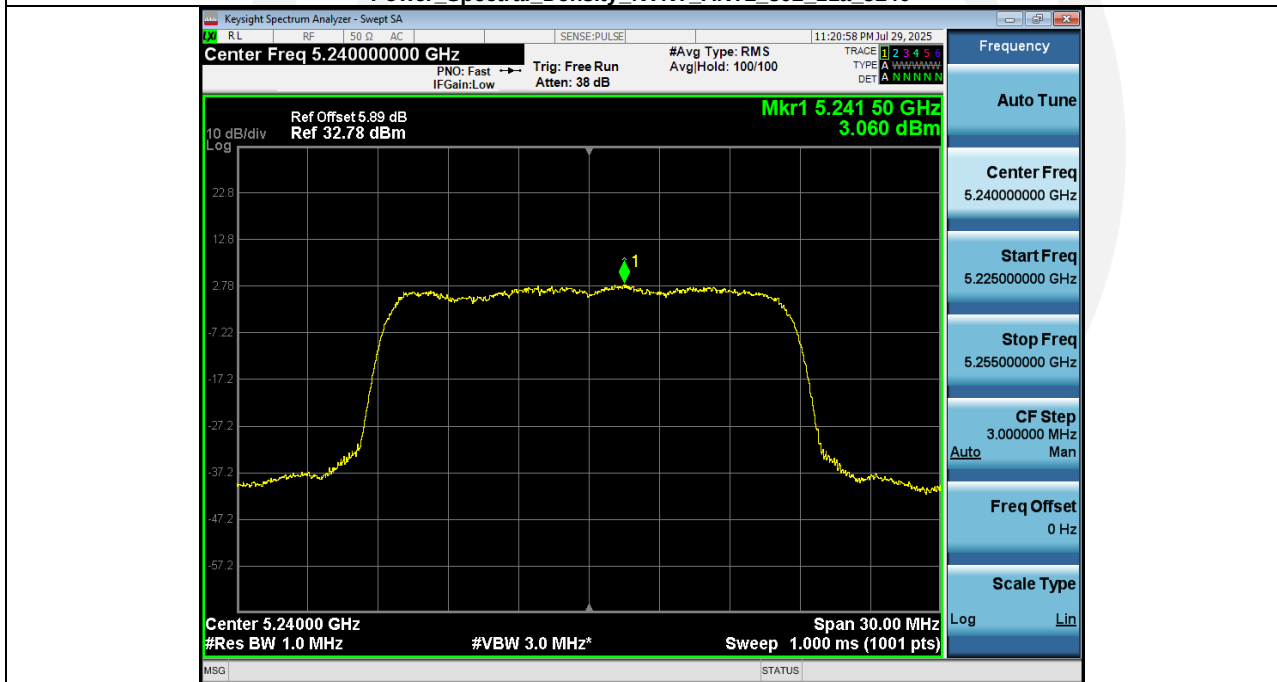
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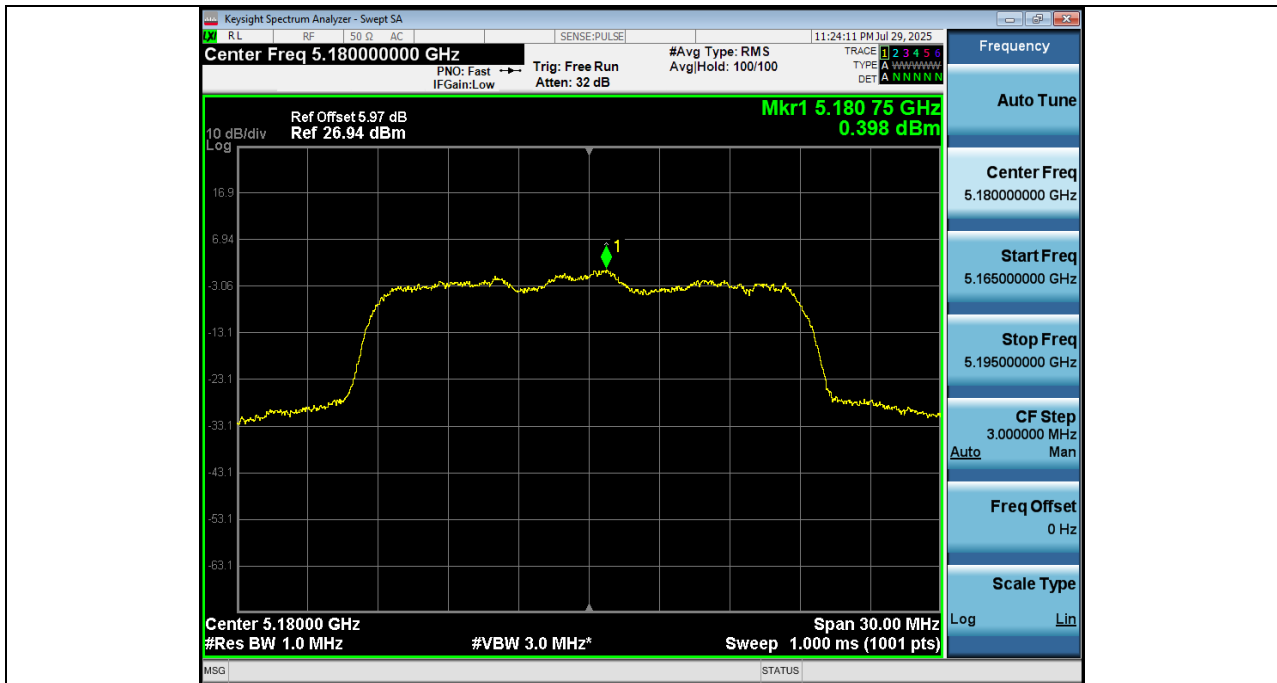
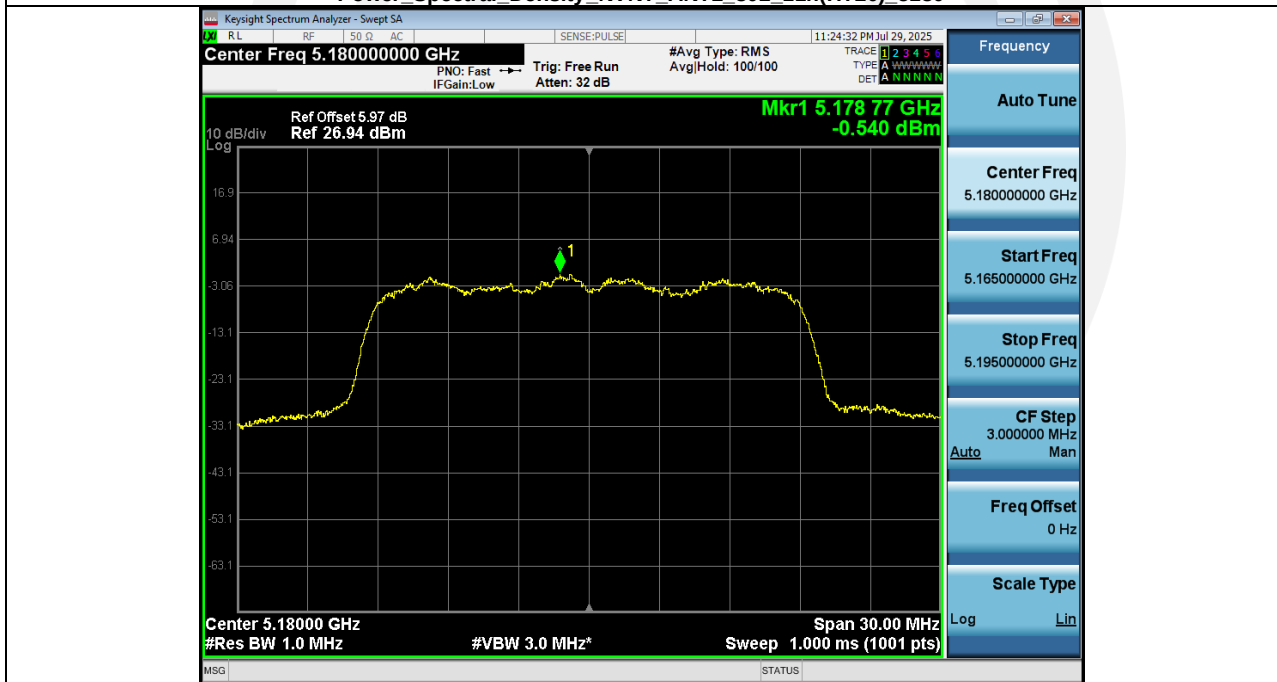
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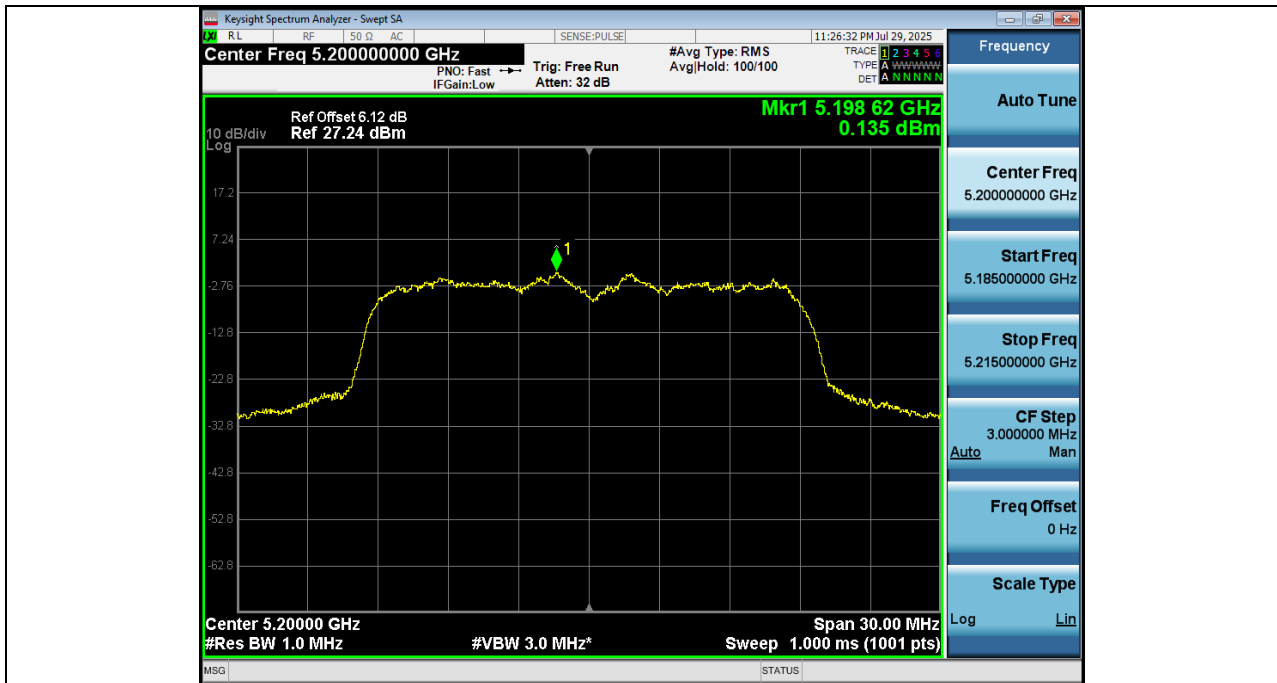


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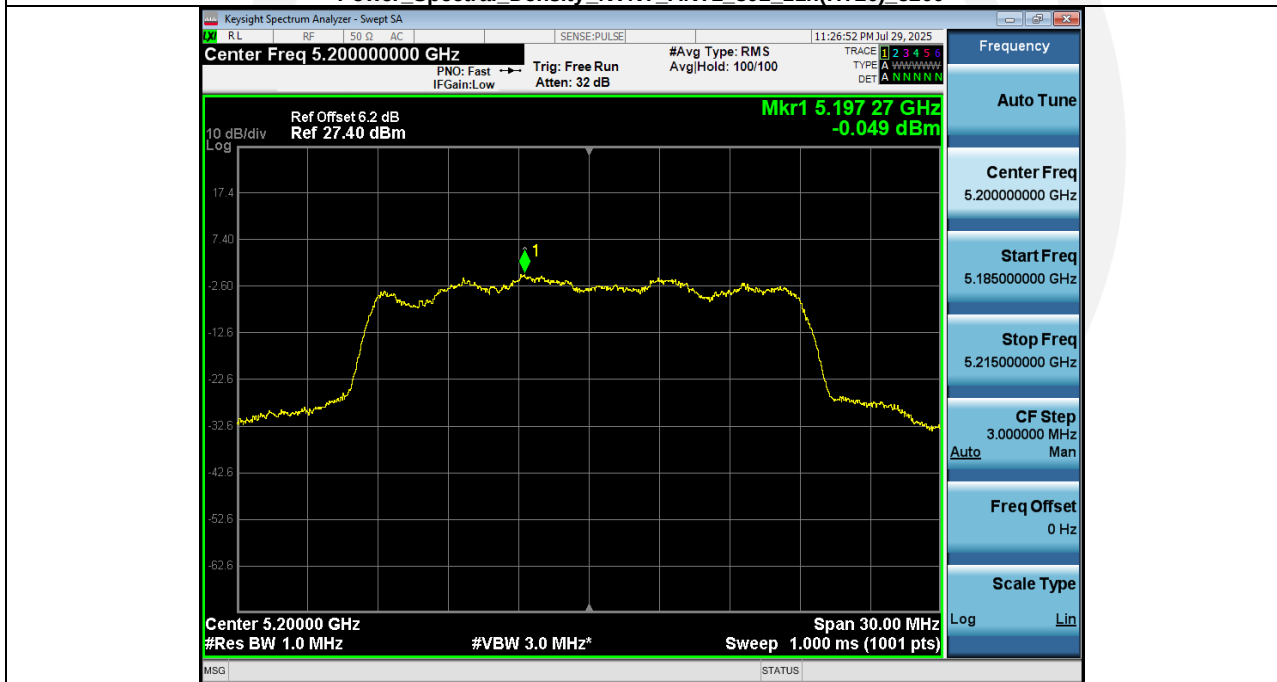


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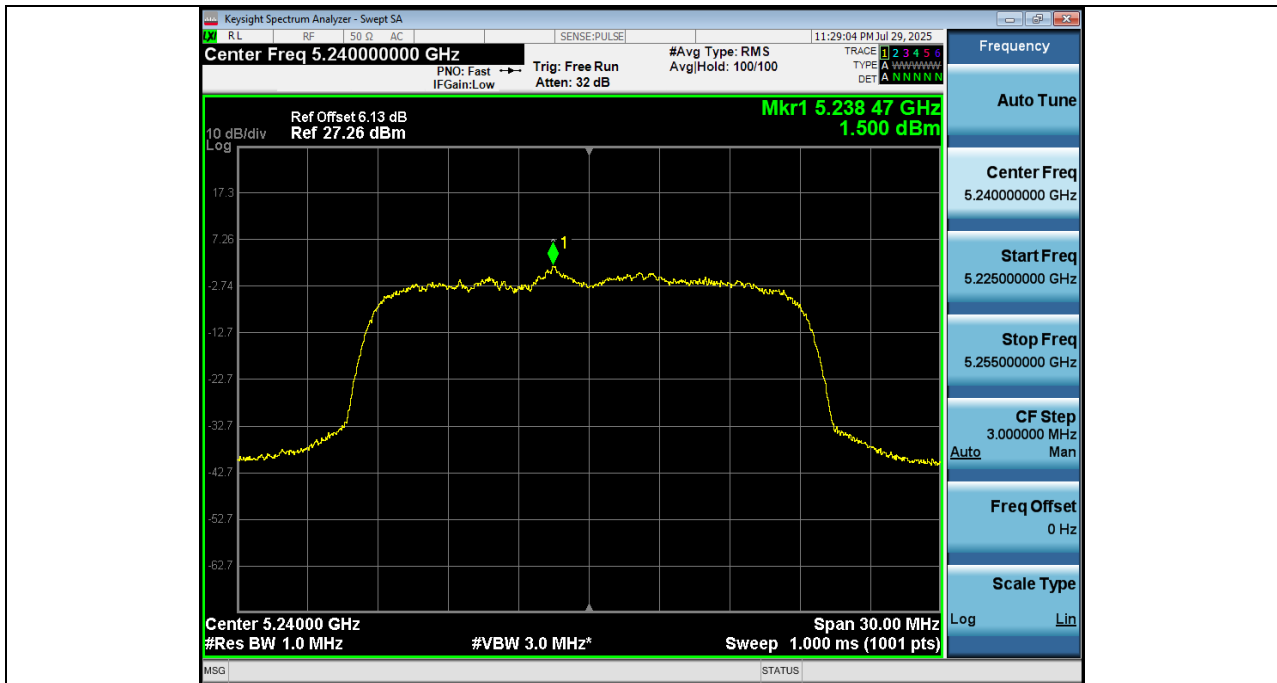
**Power Spectral Density NVNT_ANT2_802_11n(HT20)_5180****Power Spectral Density NVNT_ANT1_802_11n(HT20)_5200**



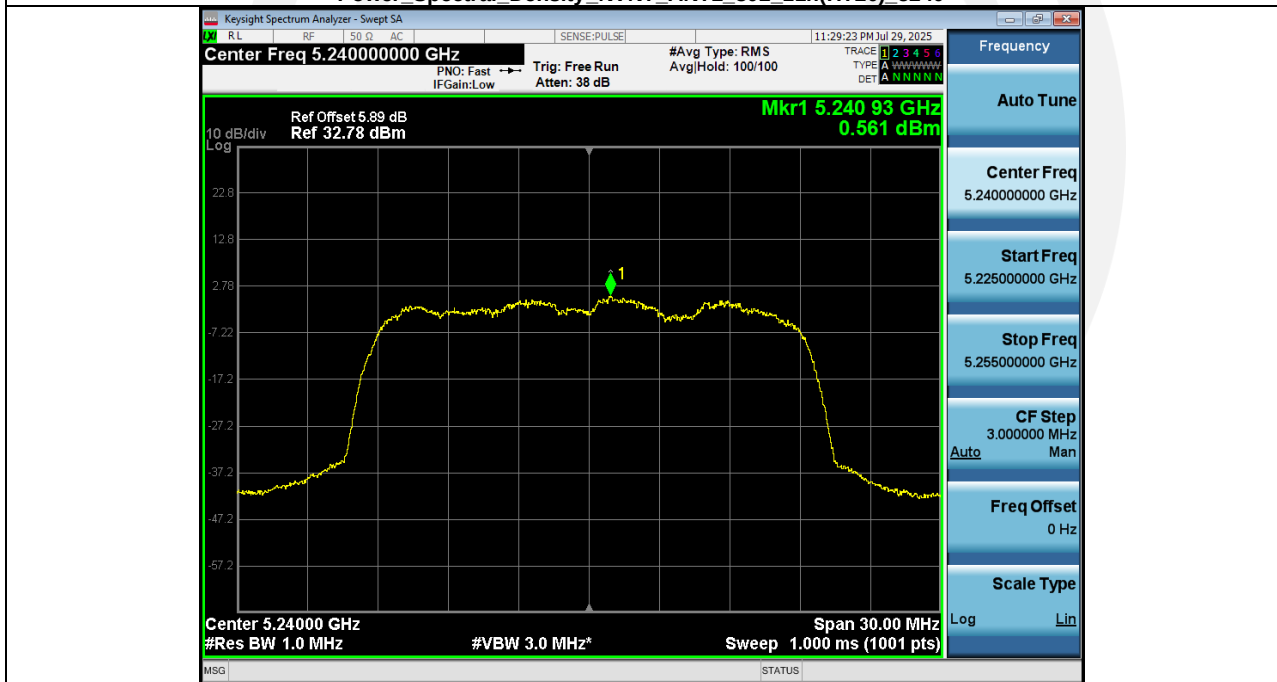
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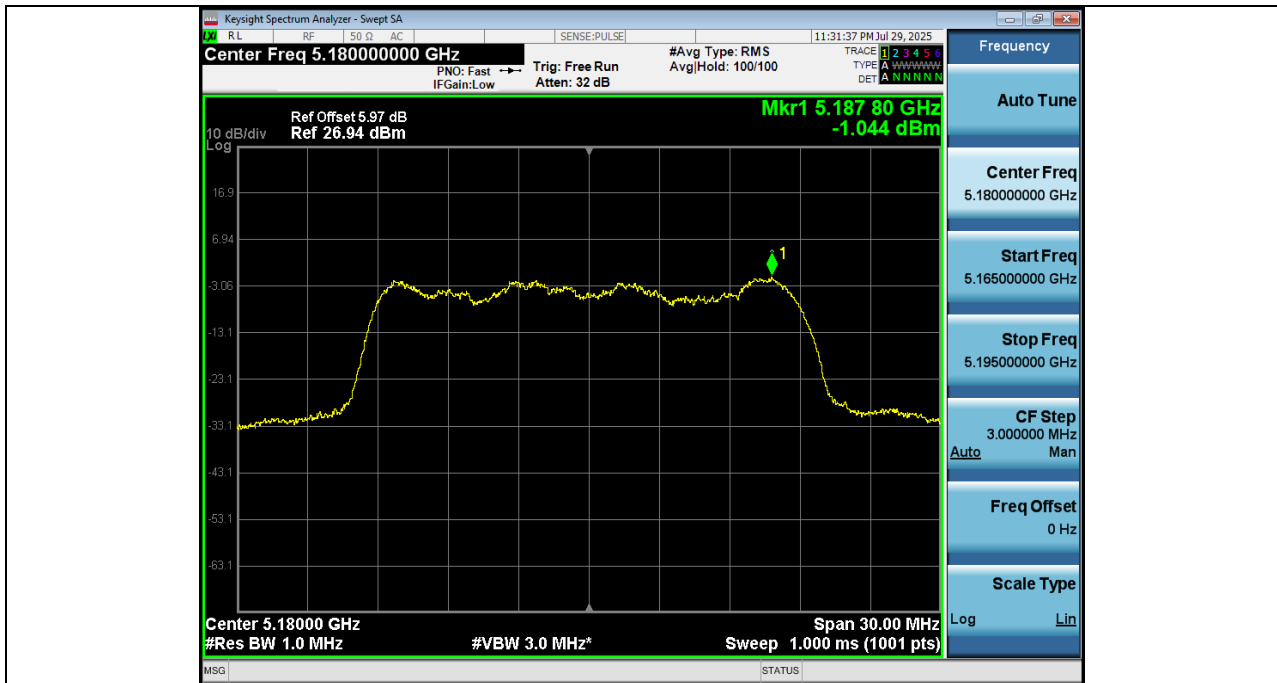
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5240



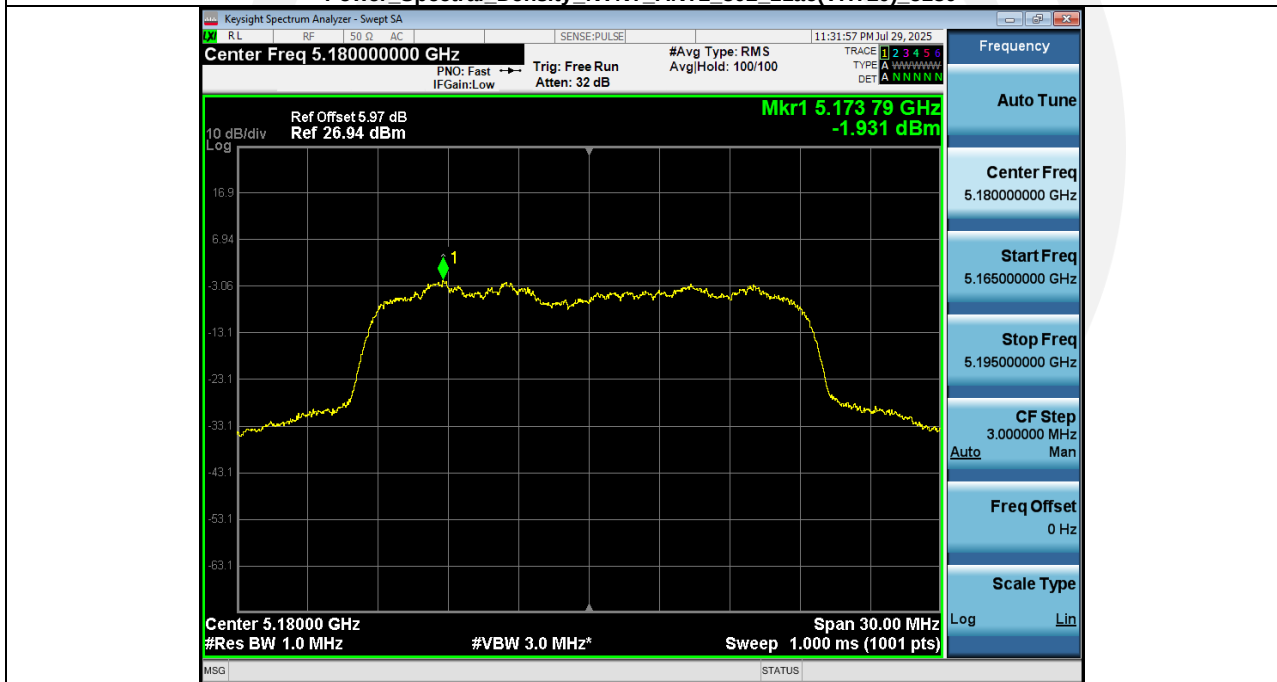
Power Spectral Density NVNT_ANT2_802_11n(HT20)_5240



Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5180



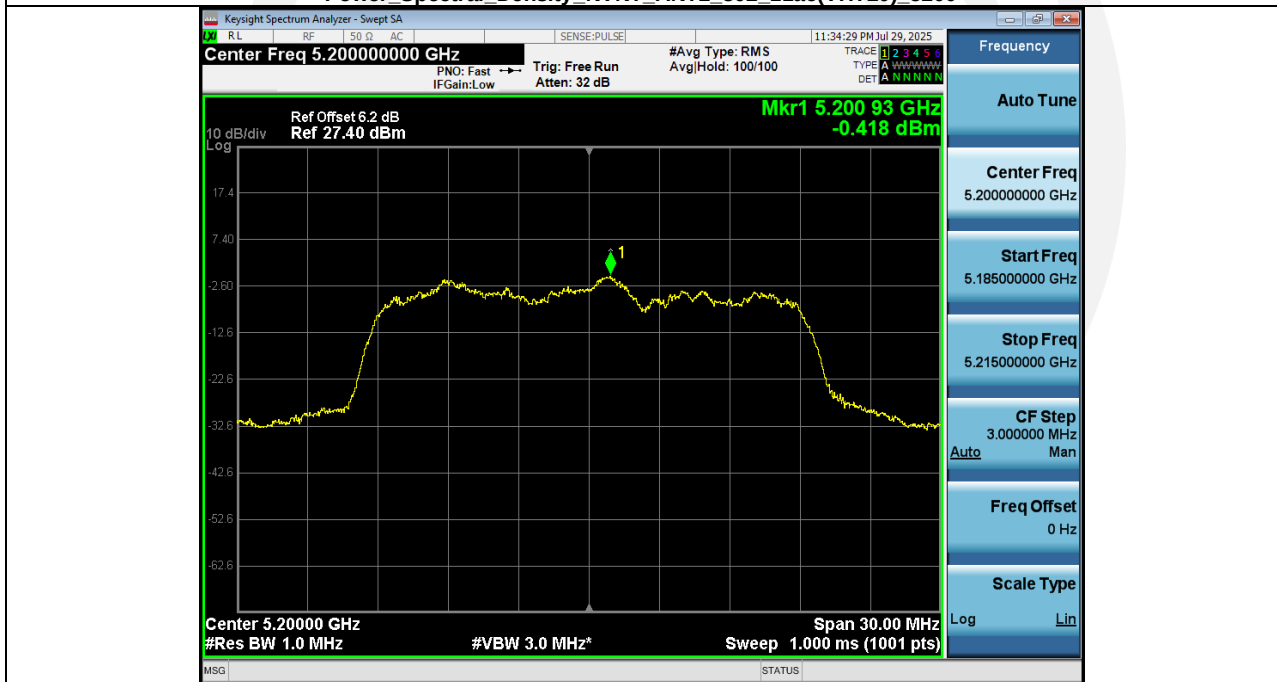
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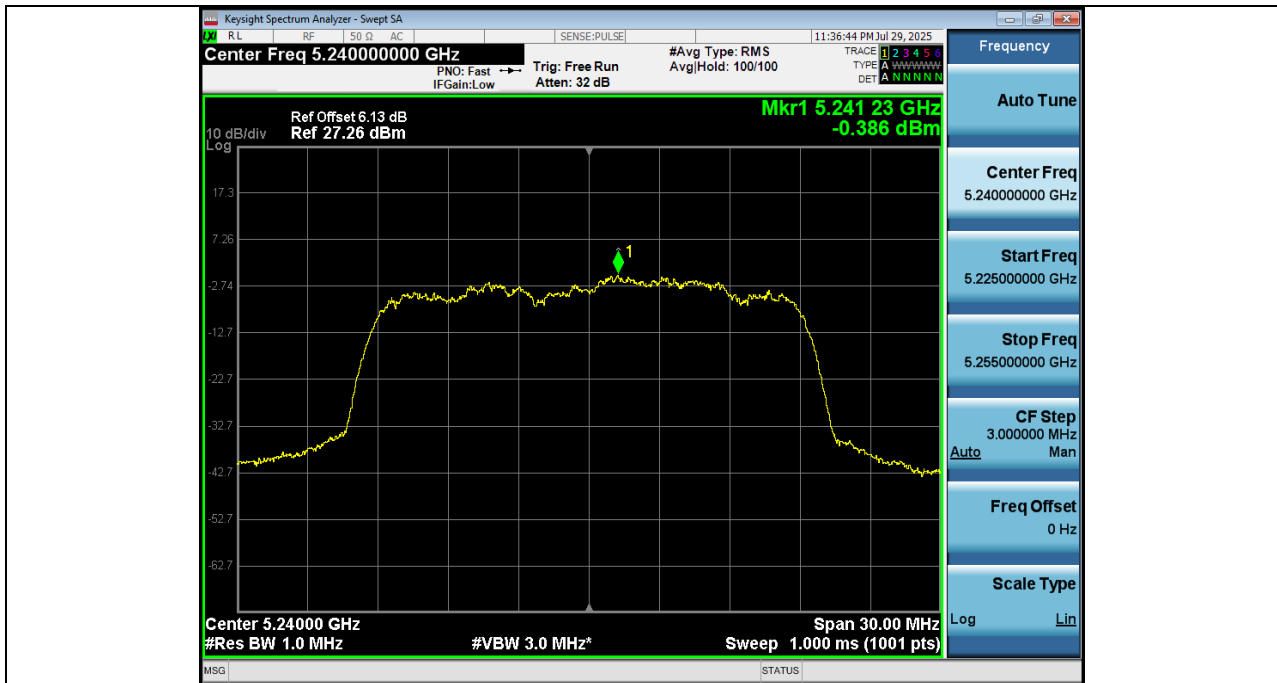
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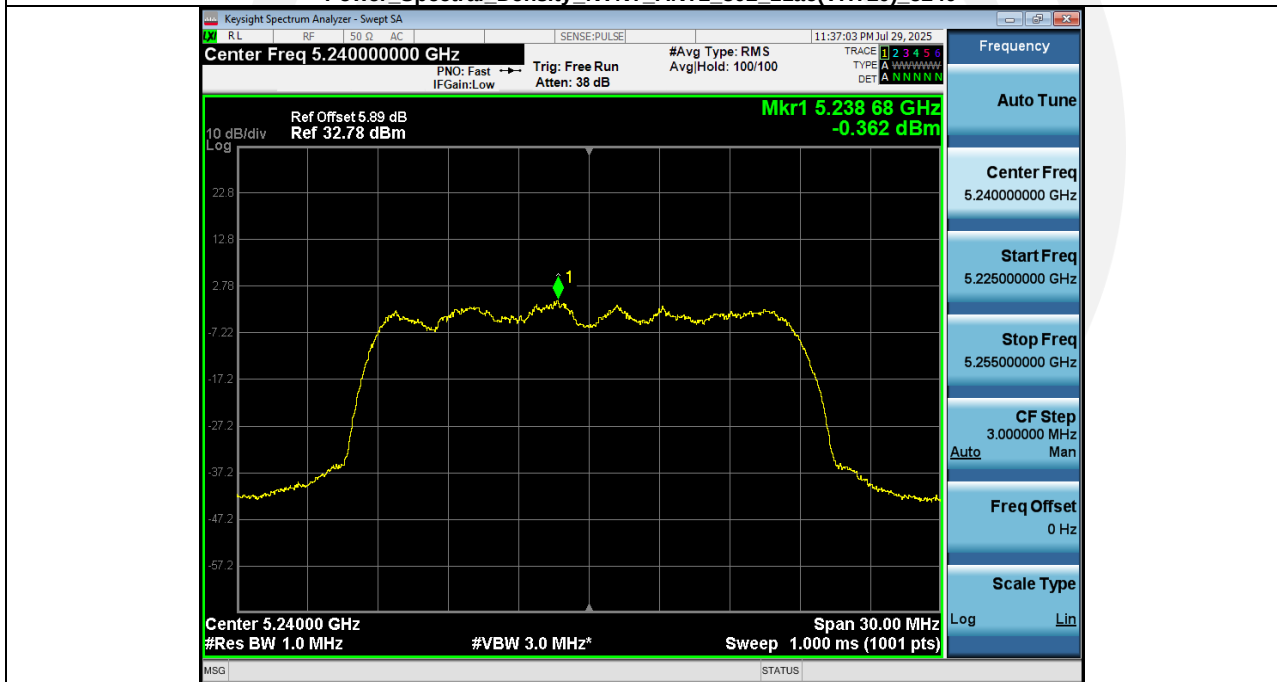
Power Spectral Density_NVNT_ANT2_802_11ac(VHT20)_5200



Power Spectral Density_NVNT_ANT1_802_11ac(VHT20)_5240



Power_Spectral_Density_NVNT_ANT2_802_11ac(VHT20)_5240



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5190



Power Spectral Density NVNT_ANT2_802_11n(HT40)_5190



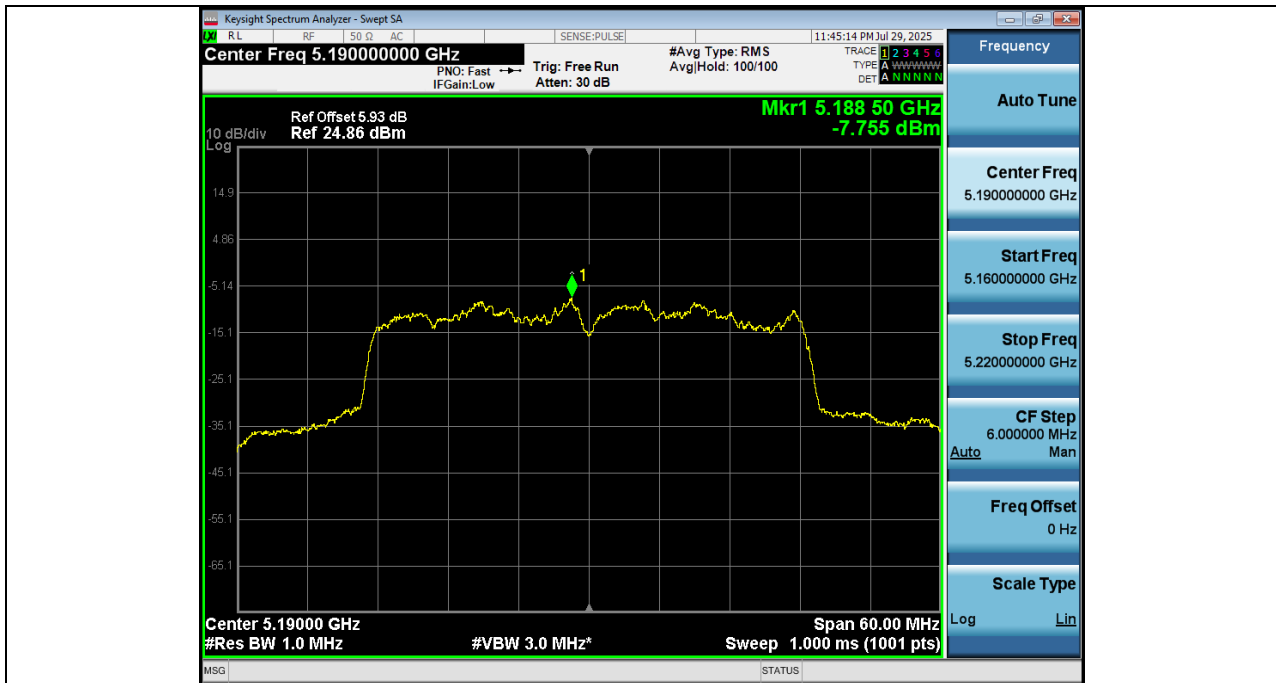
Power Spectral Density NVNT_ANT1_802_11n(HT40)_5230



Power Spectral Density NVNT_ANT2_802_11n(HT40)_5230



Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5190



Power Spectral Density_NVNT_ANT2_802_11ac(VHT40)_5190



Power Spectral Density_NVNT_ANT1_802_11ac(VHT40)_5230



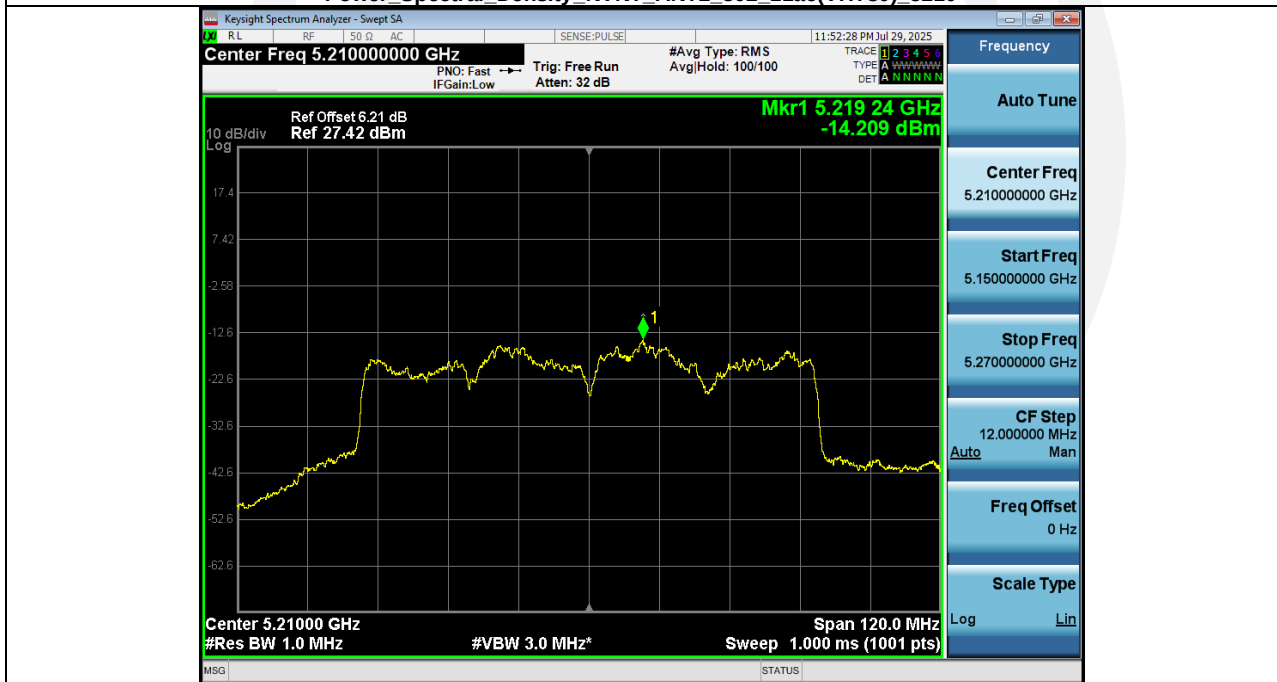
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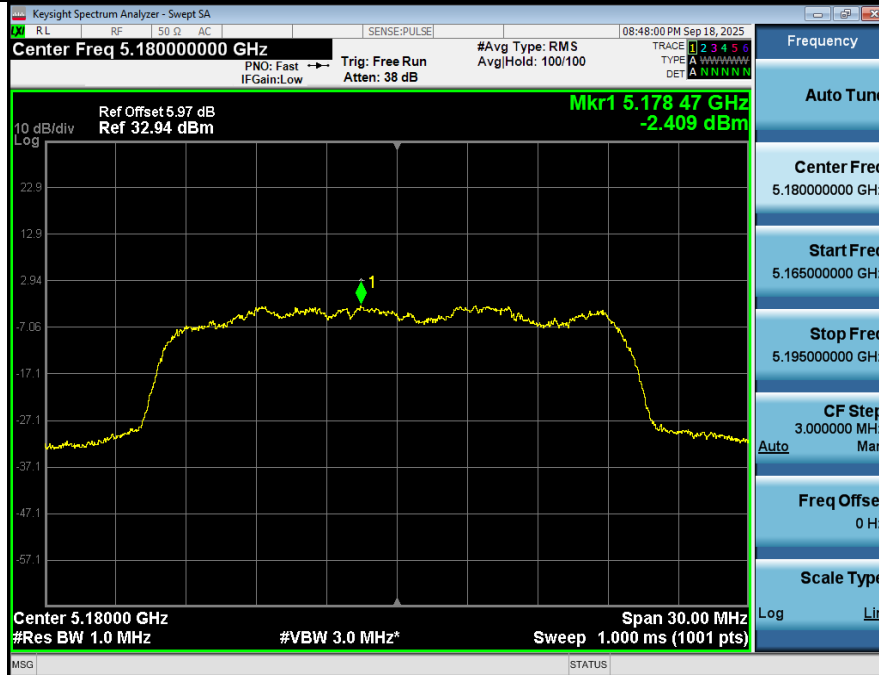
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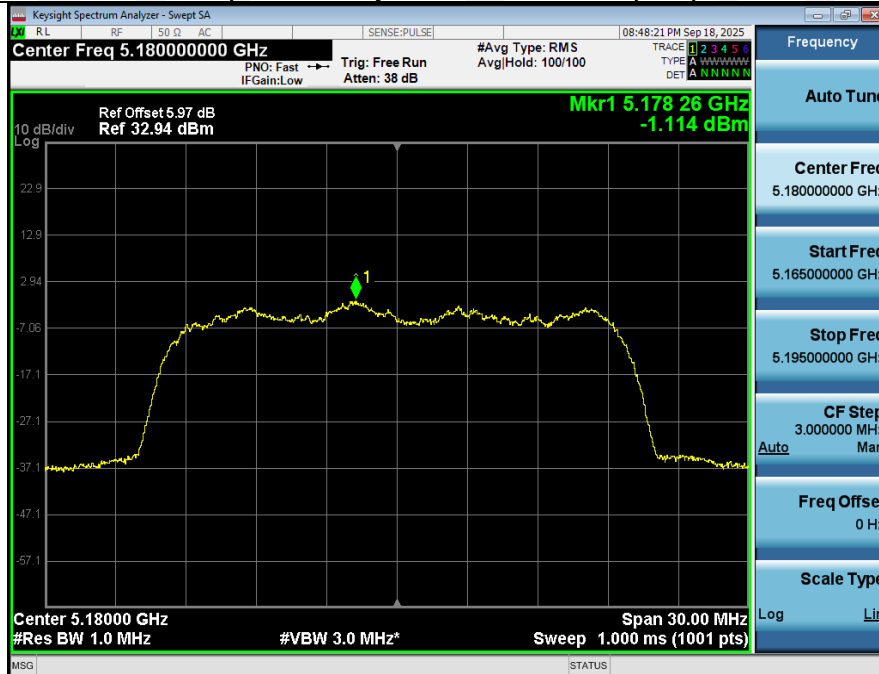
Power Spectral Density_NVNT_ANT2_802_11ac(VHT80)_5210



Power Spectral Density NVNT_ANT1_802_11ax(HE20)_5180



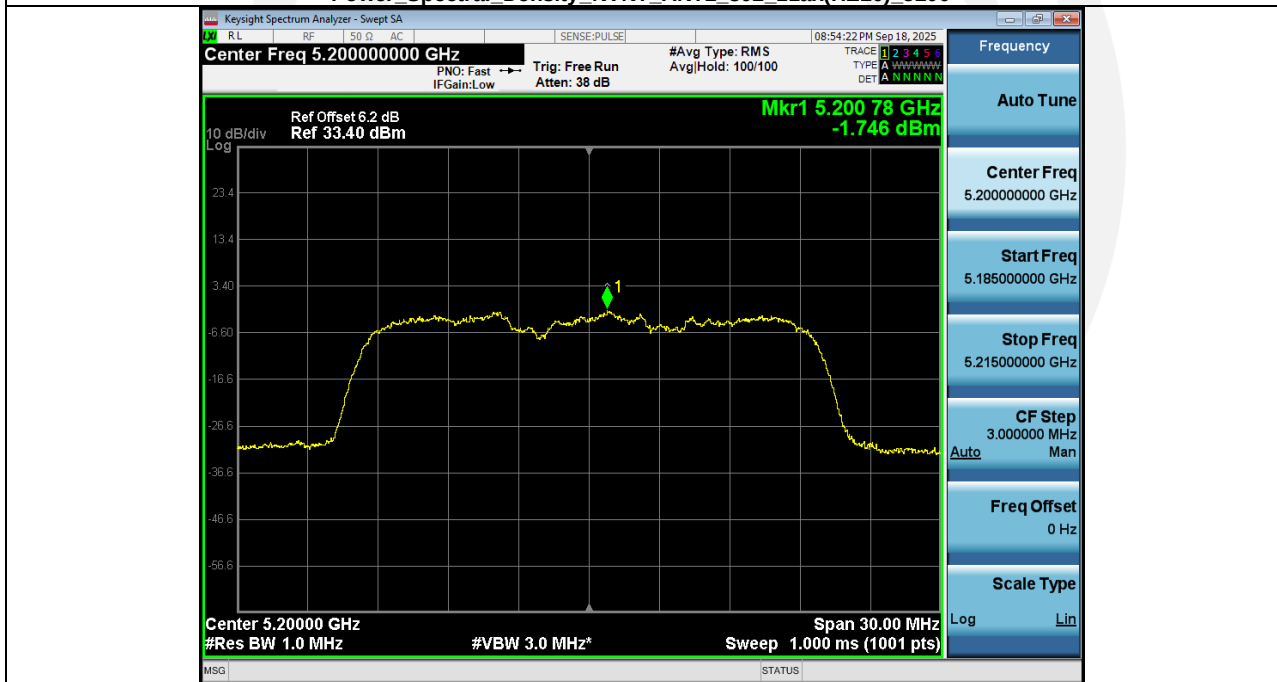
Power Spectral Density NVNT_ANT2_802_11ax(HE20)_5180



Power Spectral Density NVNT_ANT1_802_11ax(HE20)_5200



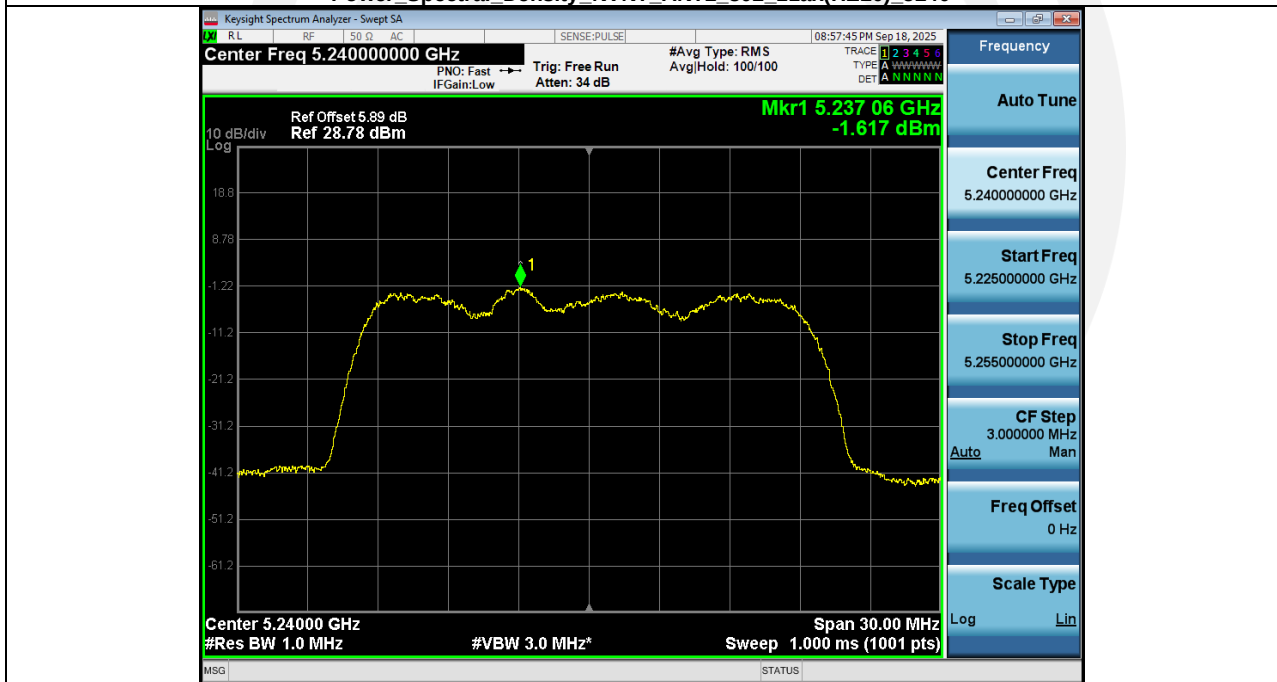
Power Spectral Density NVNT ANT2 802_11ax(HE20) 5200



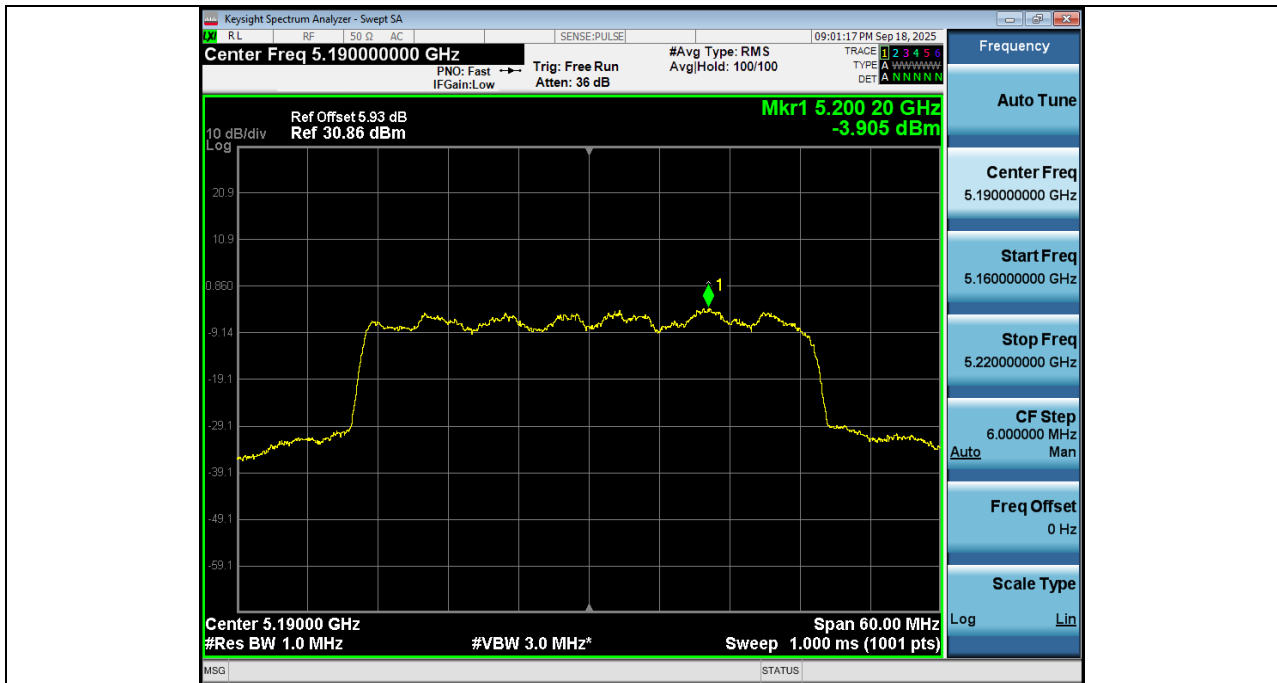
Power Spectral Density NVNT ANT1 802_11ax(HE20) 5240



Power Spectral Density NVNT ANT2 802.11ax(HE20) 5240



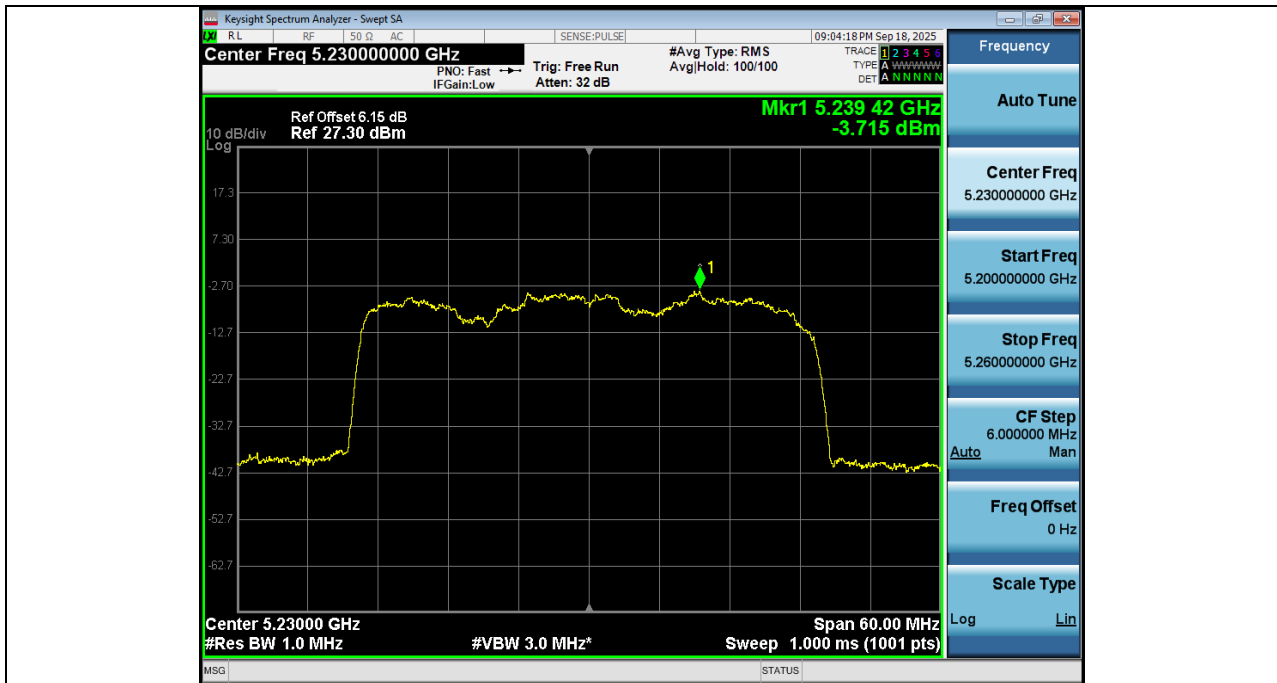
Power Spectral Density NVNT ANT1 802.11ax(HE40) 5190



Power Spectral Density NVNT ANT2 802.11ax(HE40) 5190



Power Spectral Density NVNT ANT1 802.11ax(HE40) 5230



Power Spectral Density NVNT ANT2 802_11ax(HE40) 5230



Power Spectral Density NVNT ANT1 802_11ax(HE80) 5210



Power Spectral Density NVNT ANT2 802_11ax(HE80) 5210



Condition	Antenna	Mode	Frequency (MHz)	MIMO PSD(dBm/MHz)	Limit(dBm/MHz)	Result
NVNT	MIMO_TX	802.11n(HT20)	5180.00	2.78	10.57	Pass
NVNT	MIMO_TX	802.11n(HT20)	5200.00	2.64	10.57	Pass
NVNT	MIMO_TX	802.11n(HT20)	5240.00	3.79	10.57	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5180.00	1.23	10.57	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5200.00	1.76	10.57	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5240.00	2.58	10.57	Pass
NVNT	MIMO_TX	802.11n(HT40)	5190.00	-2.69	10.57	Pass
NVNT	MIMO_TX	802.11n(HT40)	5230.00	-1.79	10.57	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5190.00	-4.51	10.57	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5230.00	-3.99	10.57	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5210.00	-10.68	10.57	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5180.00	0.79	10.57	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5200.00	1.04	10.57	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5240.00	1.28	10.57	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5190.00	-1.74	10.57	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5230.00	-1.29	10.57	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5210.00	-4.44	10.57	Pass

Internal antenna 1, Maximum Gain is 3.43dBi.

Internal antenna 2, Maximum Gain is 3.18dBi.

MIMO gain= $G_{ANT\ MAX} + 10 \log(N_{ANT}/N_{SS})$ dBi = $3.43 + 10 \log(2)$ dBi = 6.43dBi

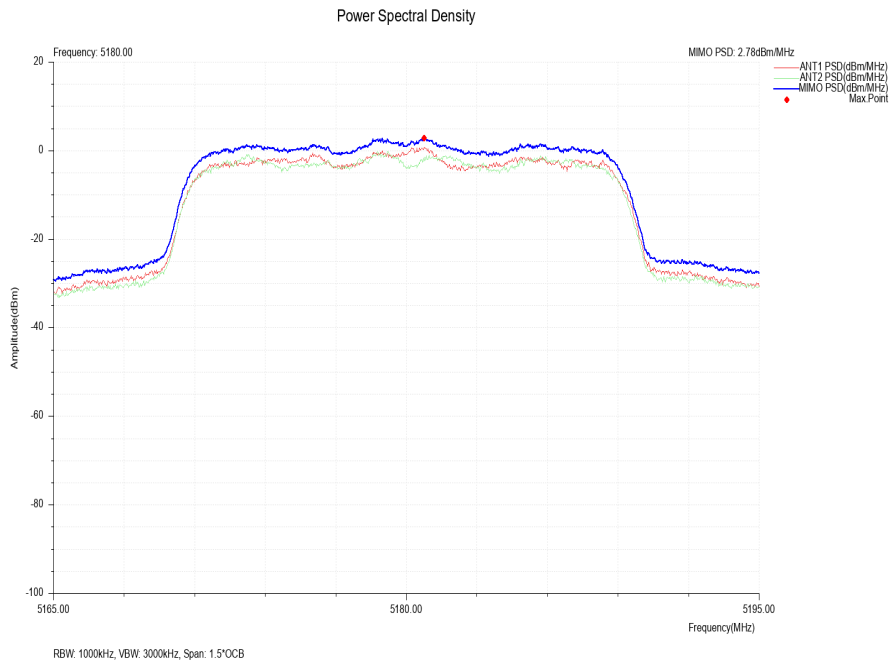
N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas;

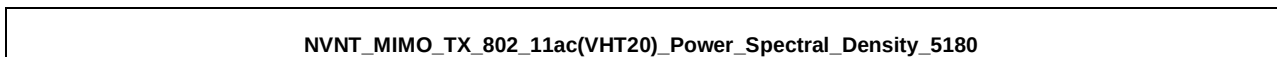
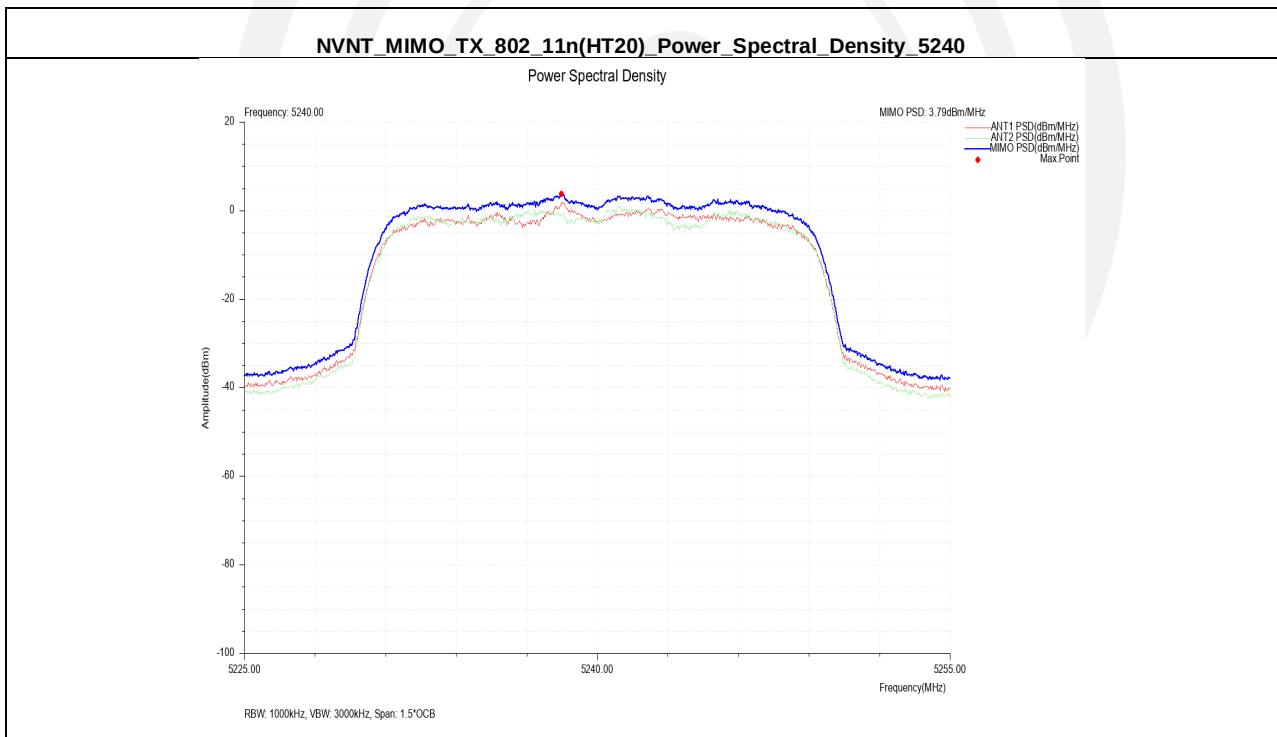
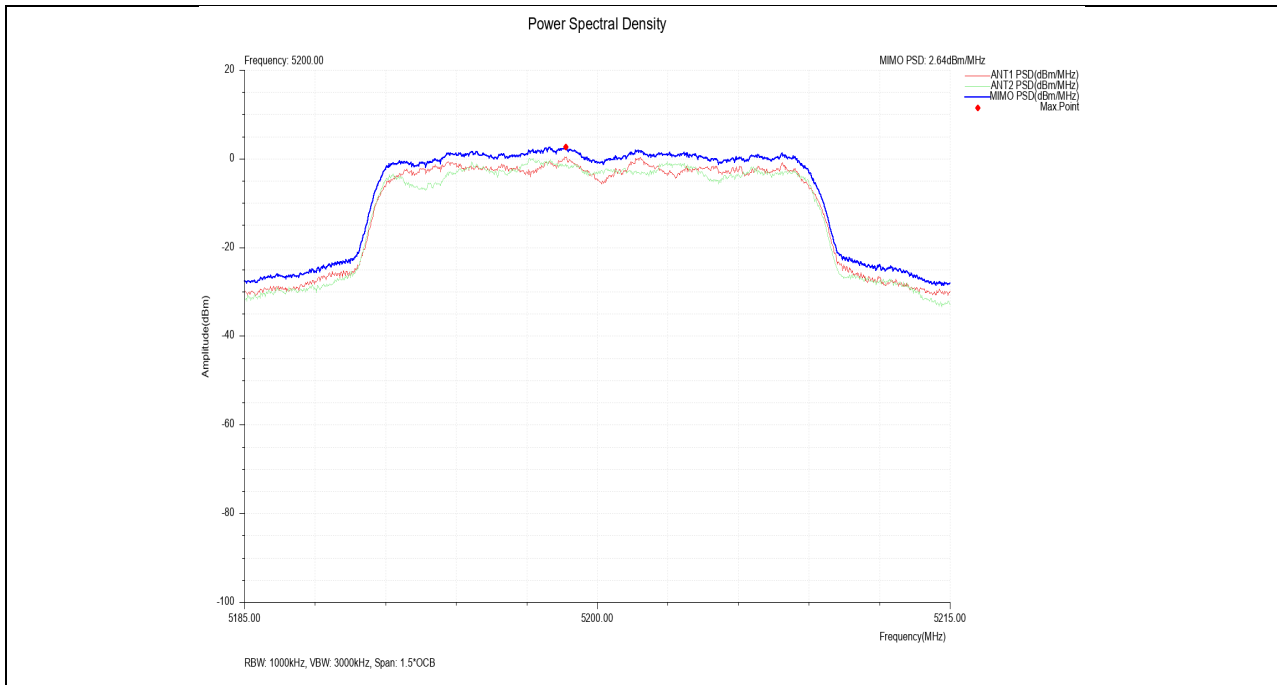
$G_{ANT\ MAX}$ is the gain of the antenna having the highest gain (in dBi).

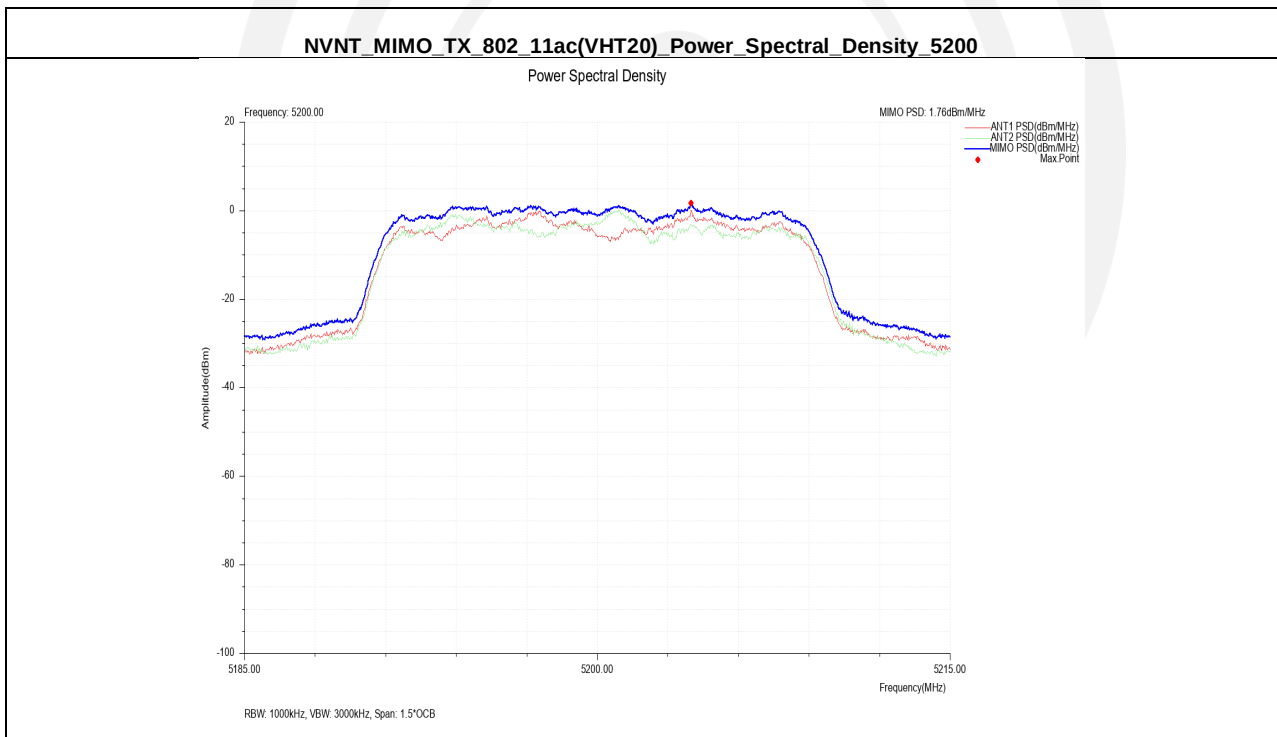
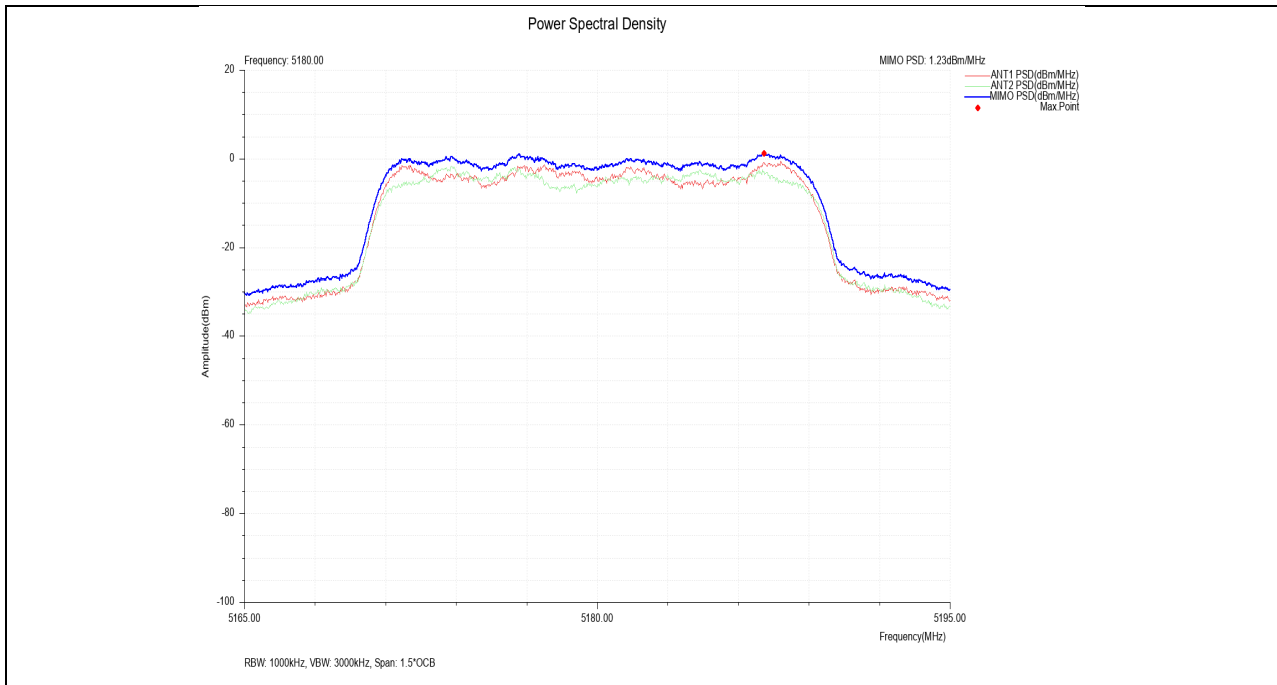
Limit= $11 - (6.43 - 6)$ dBm/MHz = 10.57 dBm/MHz

NVNT_MIMO_TX_802_11n(HT20)_Power_Spectral_Density_5180



NVNT_MIMO_TX_802_11n(HT20)_Power_Spectral_Density_5200





NVNT_MIMO_TX_802_11ac(VHT20)_Power_Spectral_Density_5240