

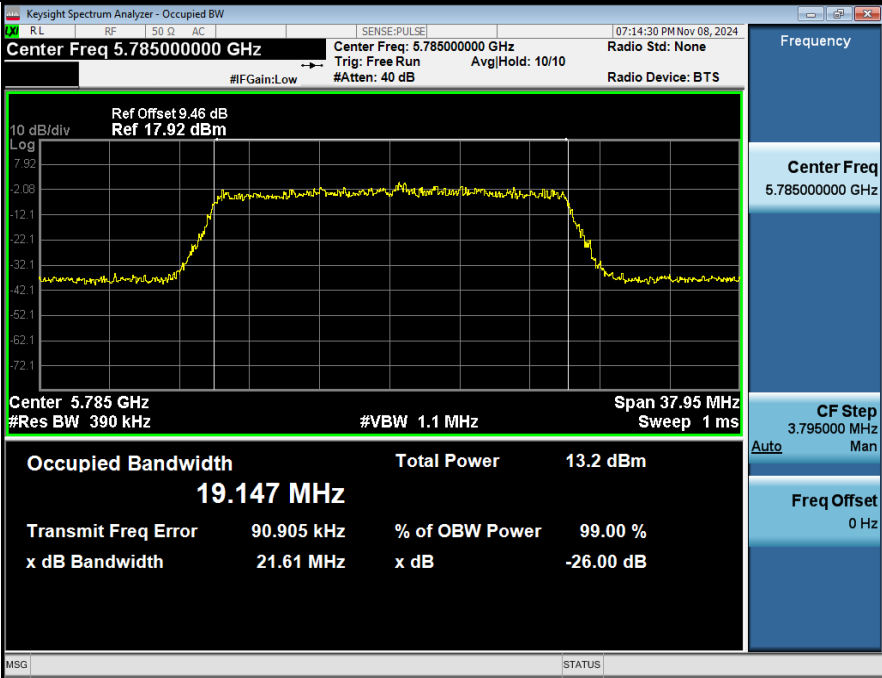
Appendix B

CN24XTFJ 003

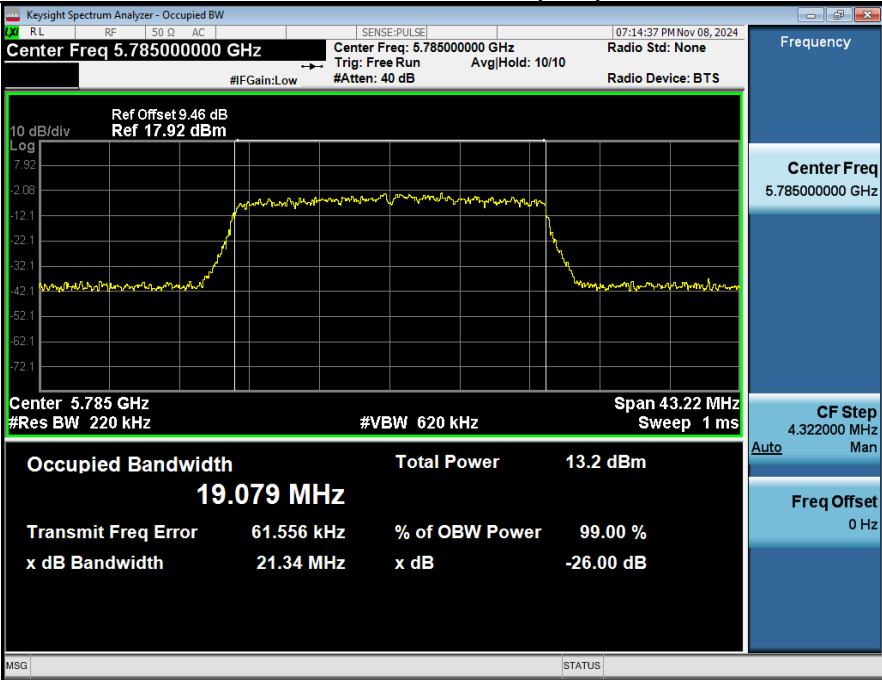
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-26BW_NVNT_ANT1_802_11ax(HE20)_5785



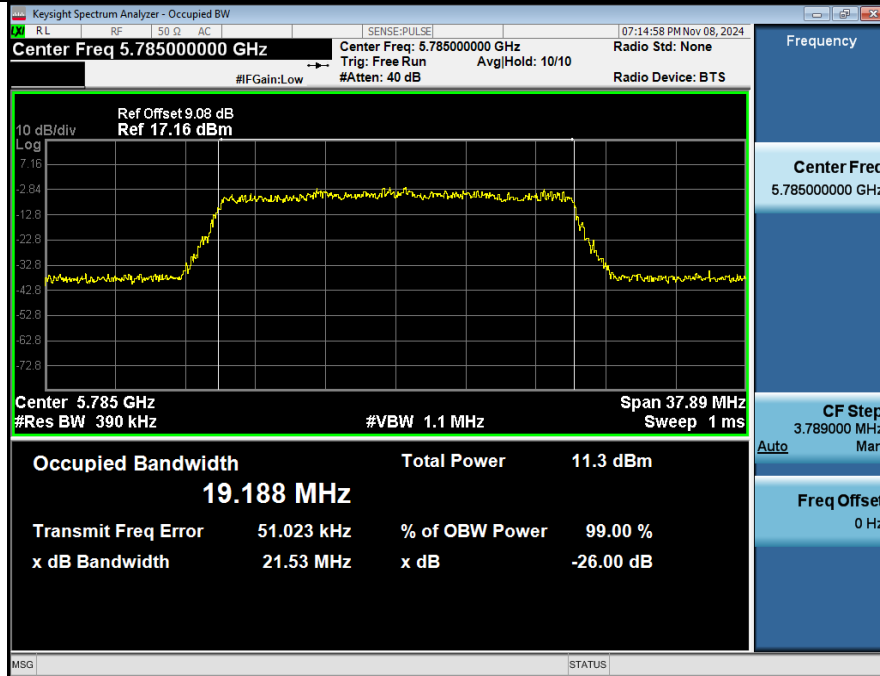
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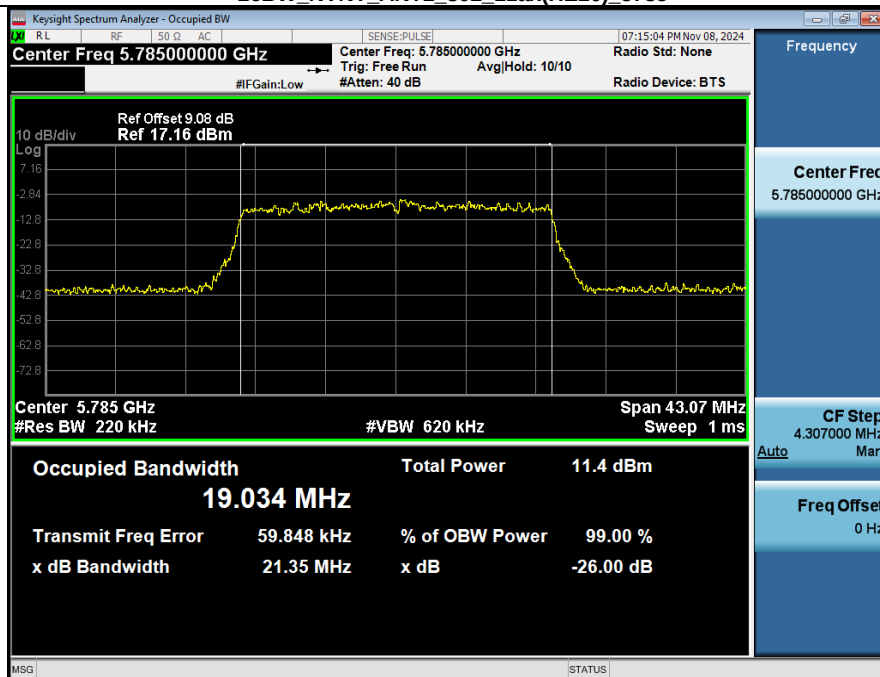
CN24XTFJ 003

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-26BW_NVNT_ANT2_802_11ax(HE20)_5785



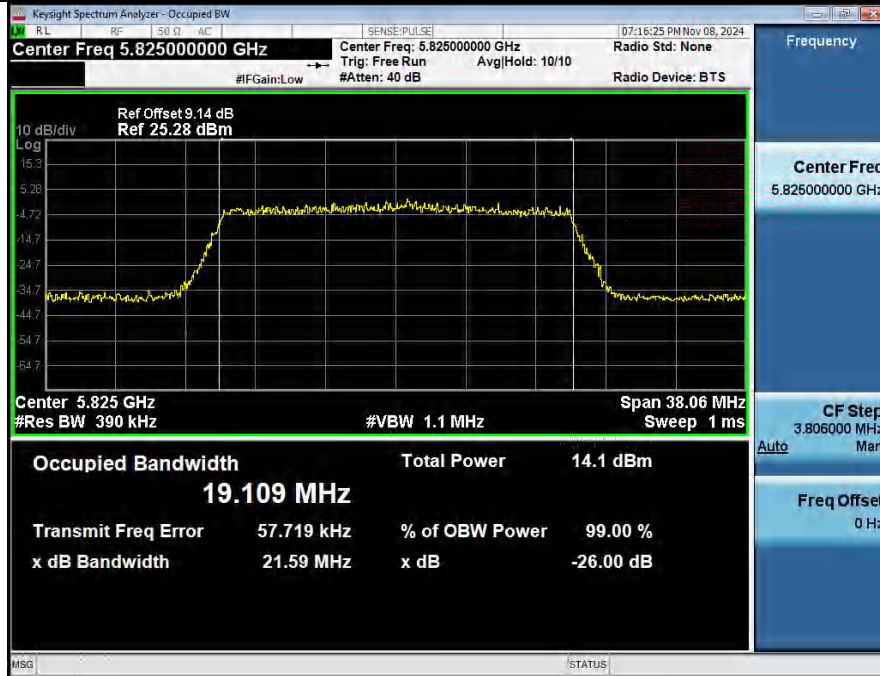
99% OCB_NVNT_ANT1_802_11ax(HE20)_5825

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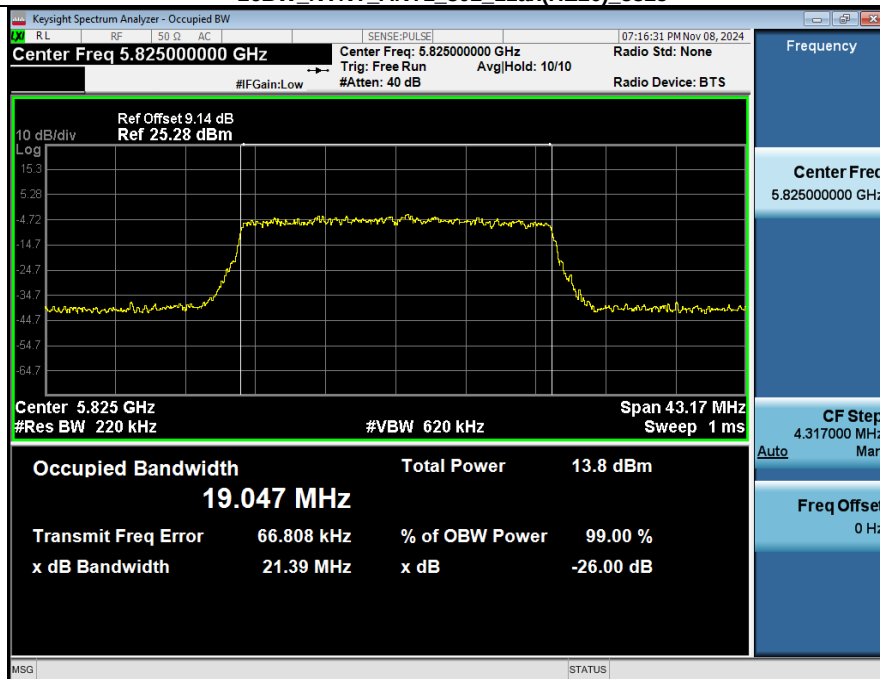
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-26BW_NVNT_ANT1_802_11ax(HE20)_5825



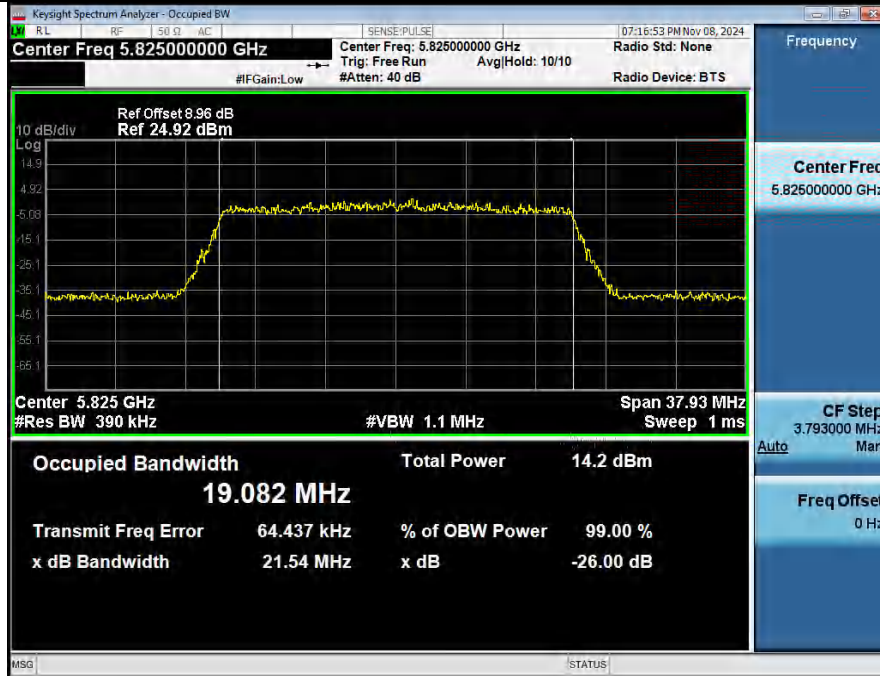
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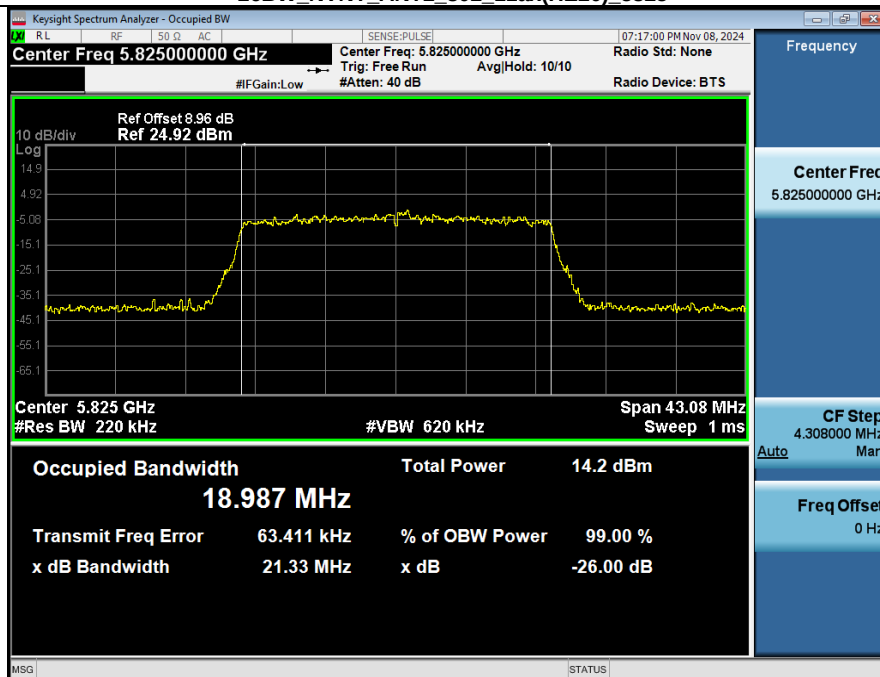
CN24XTFJ 003

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-26BW_NVNT_ANT2_802_11ax(HE20)_5825



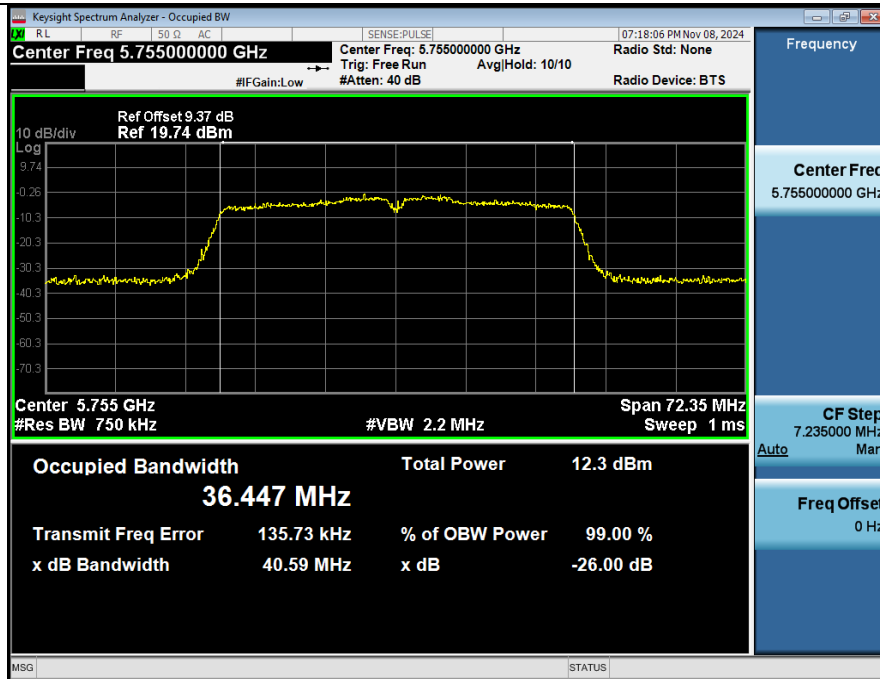
99%_OCB_NVNT_ANT1_802_11n(HT40)_5755

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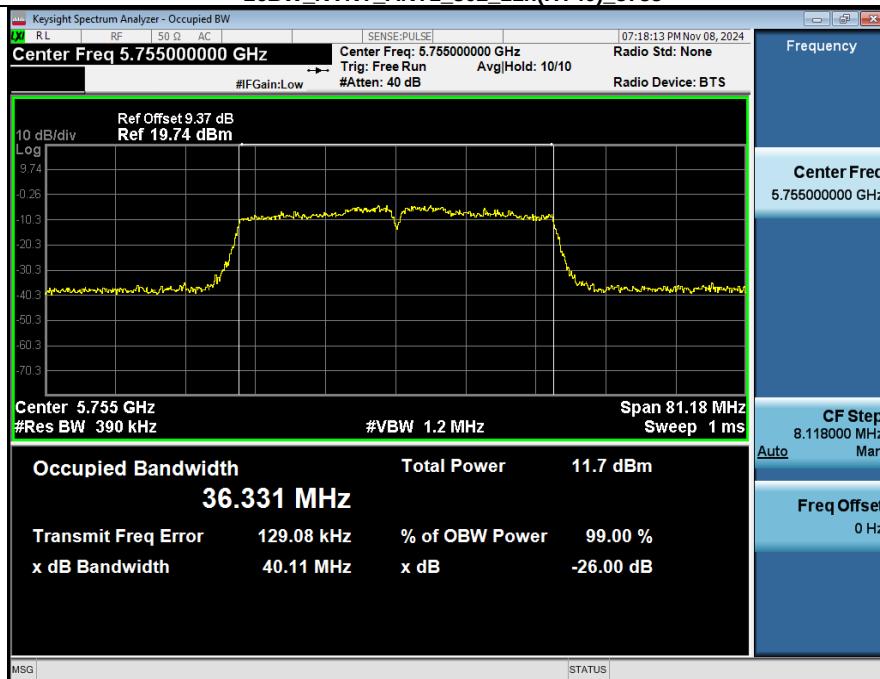
CN24XTFJ 003

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-26BW_NVNT_ANT1_802_11n(HT40)_5755



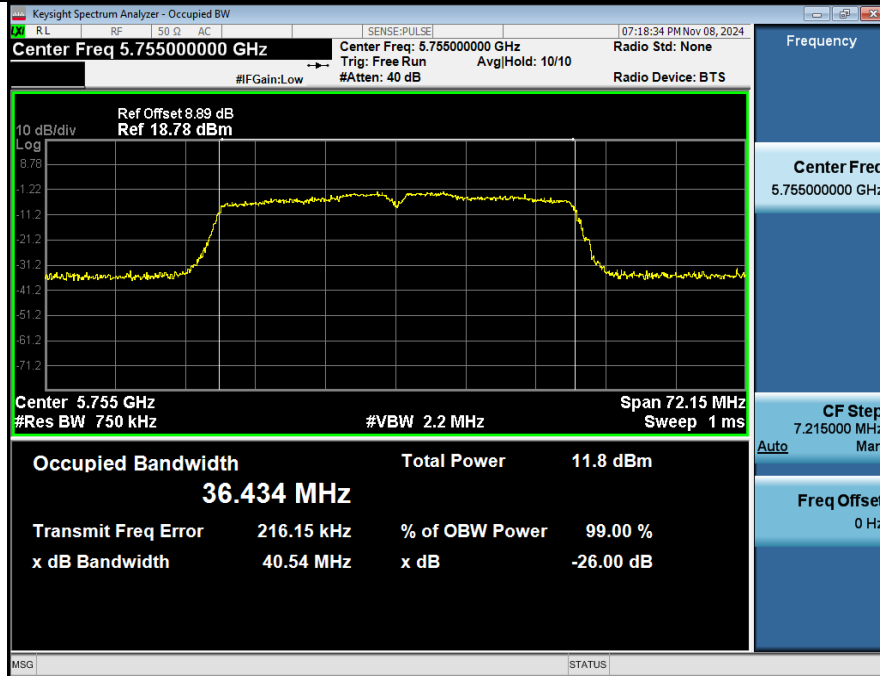
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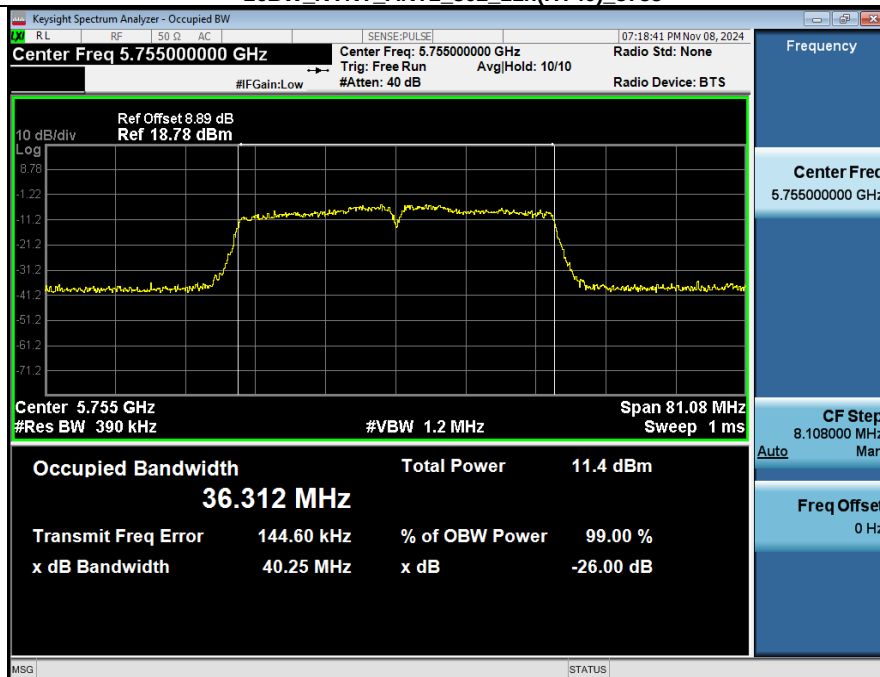
CN24XTFJ 003

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-26BW_NVNT_ANT2_802_11n(HT40)_5755



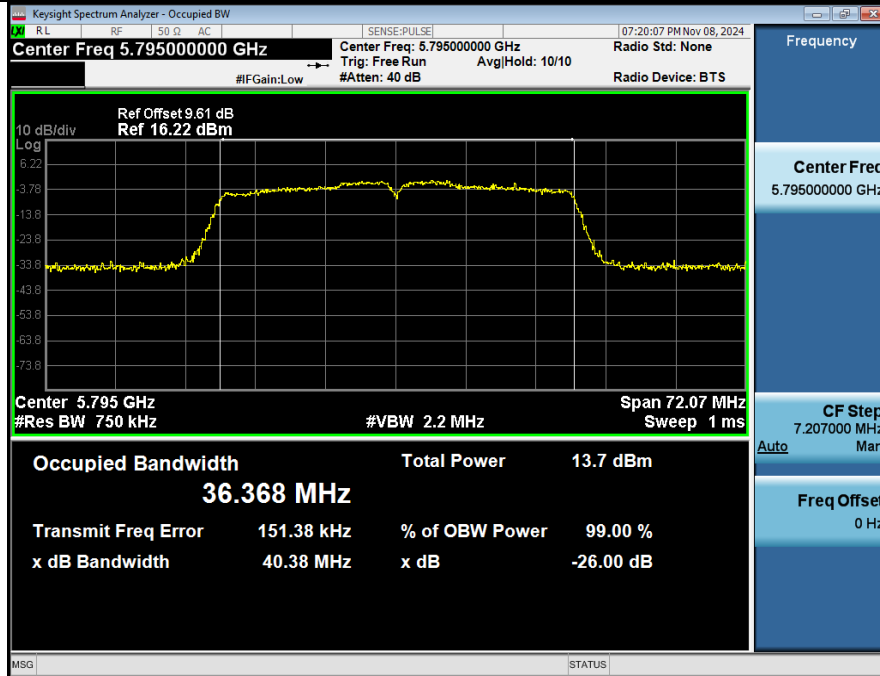
99%_OCB_NVNT_ANT1_802_11n(HT40)_5795

Appendix B

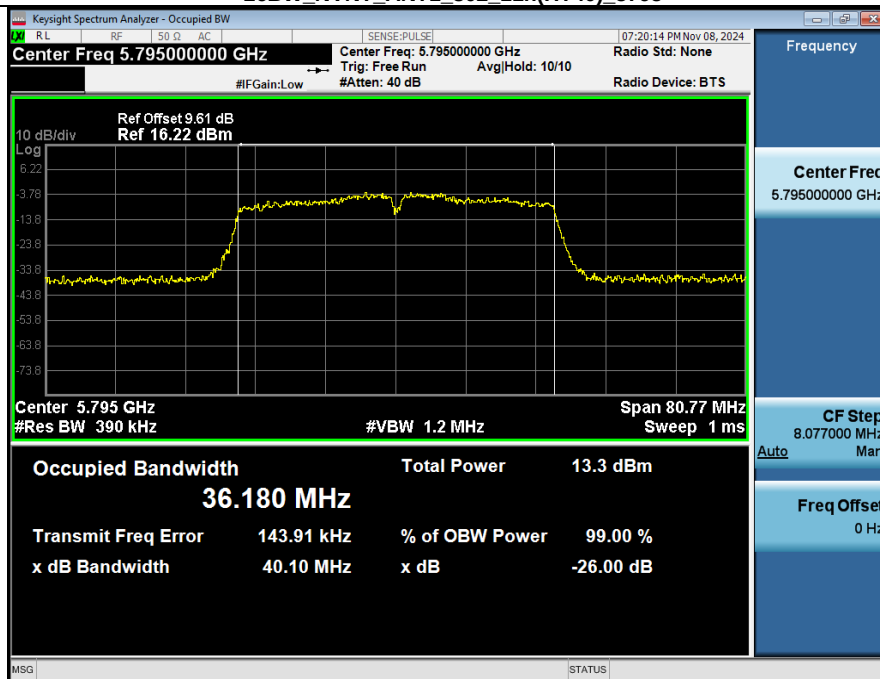
CN24XTFJ 003

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-26BW_NVNT_ANT1_802_11n(HT40)_5795



99%_OCB_NVNT_ANT2_802_11n(HT40)_5795

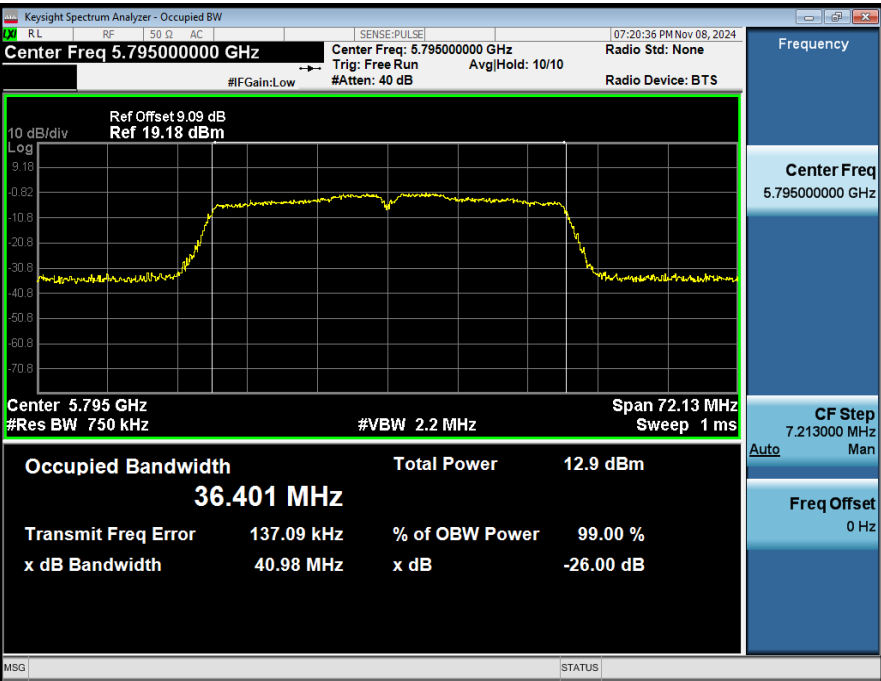
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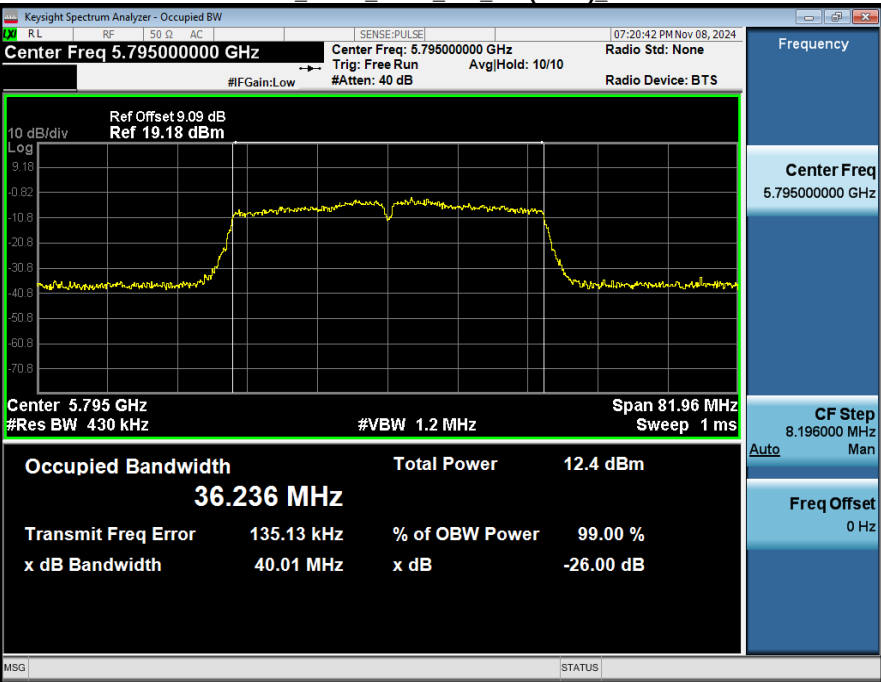
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-26BW_NVNT_ANT2_802_11n(HT40)_5795



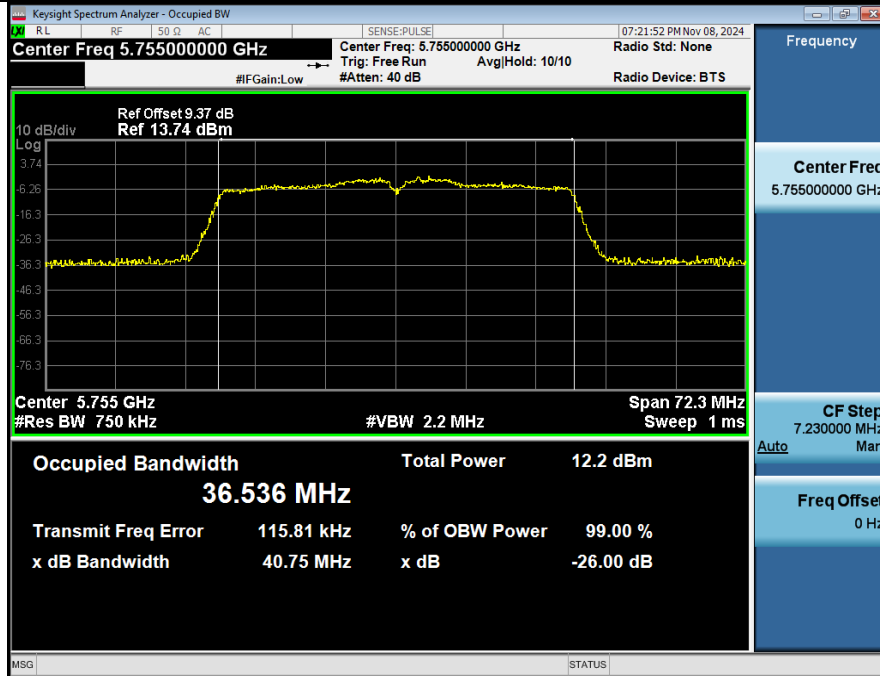
99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5755

Appendix B

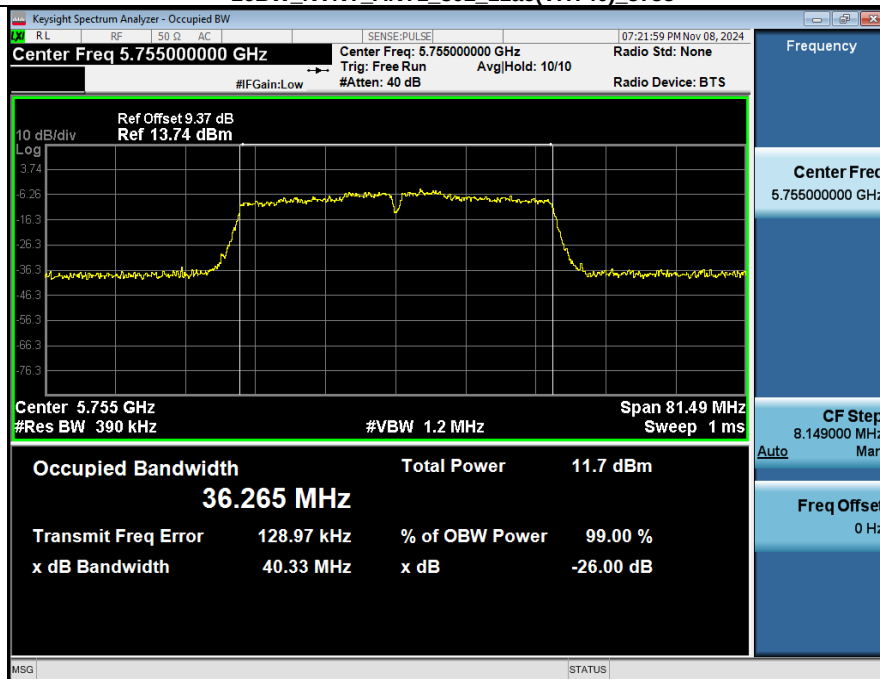
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-26BW_NVNT_ANT1_802_11ac(VHT40)_5755



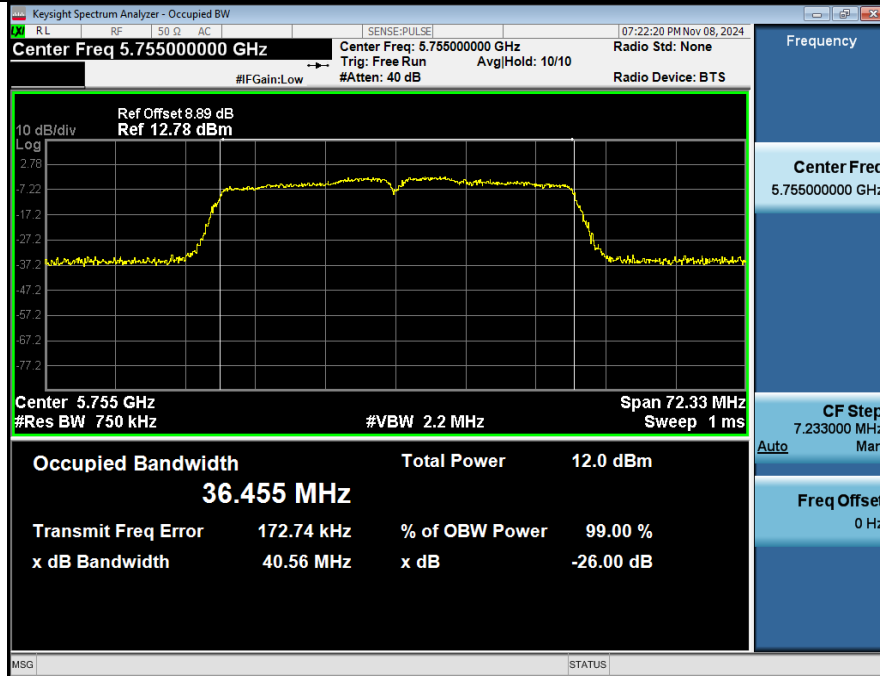
99%_OCB_NVNT_ANT2_802_11ac(VHT40)_5755

Appendix B

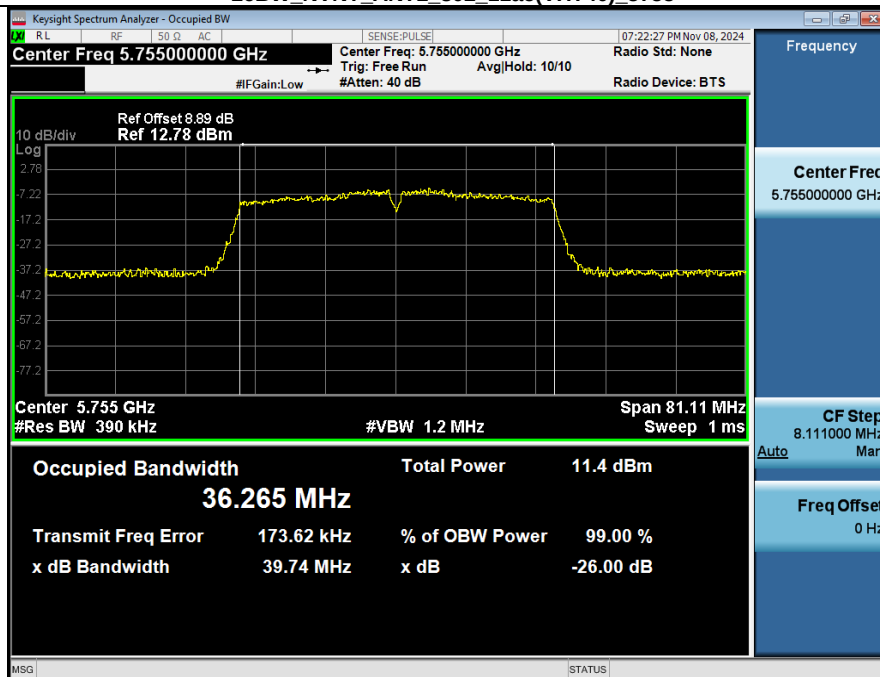
CN24XTFJ 003

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-26BW_NVNT_ANT2_802_11ac(VHT40)_5755



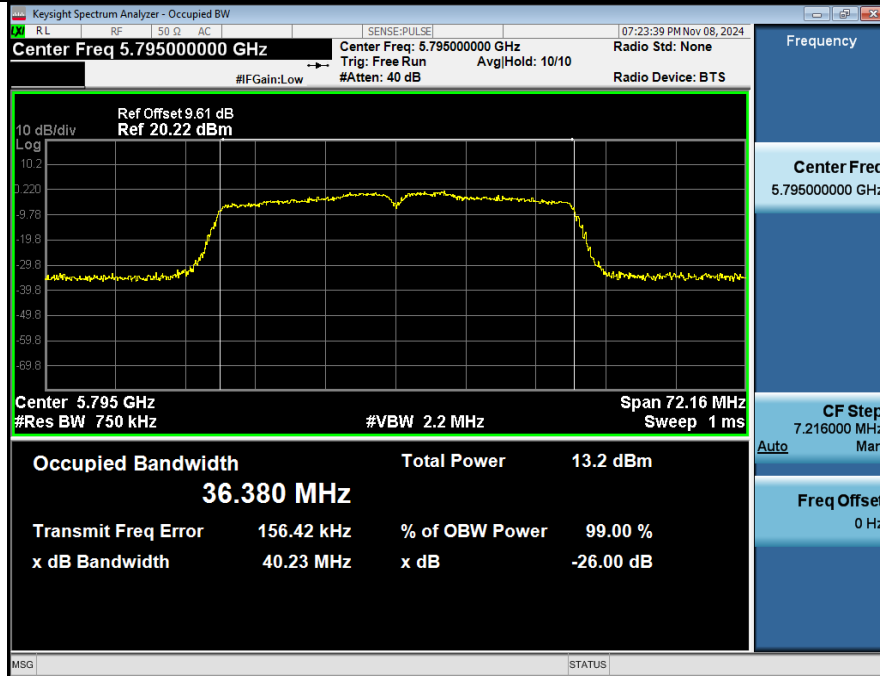
99%_OCB_NVNT_ANT1_802_11ac(VHT40)_5795

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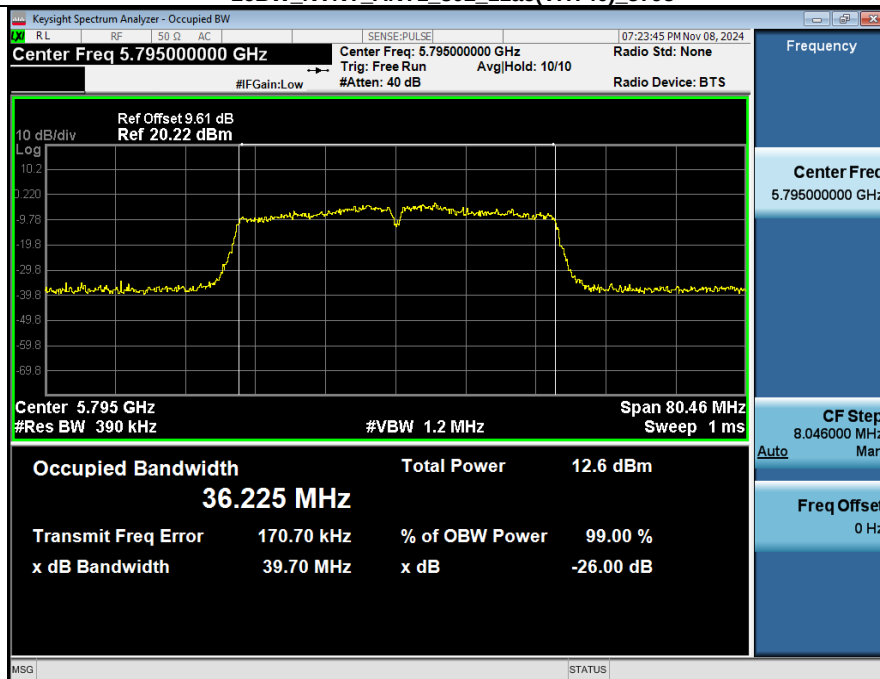
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-26BW_NVNT_ANT1_802_11ac(VHT40)_5795



99%_OCB_NVNT_ANT2_802_11ac(VHT40)_5795

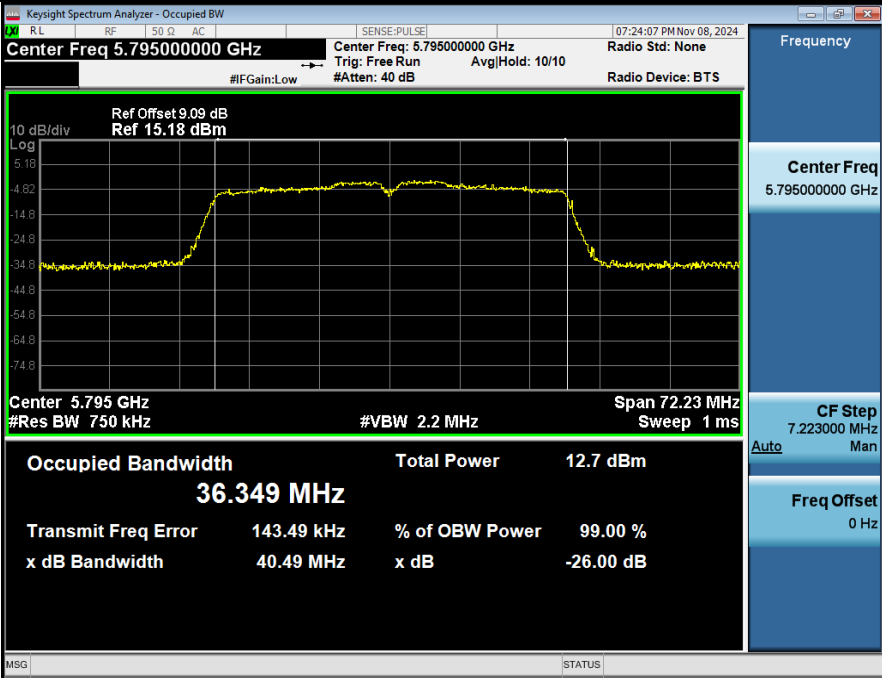
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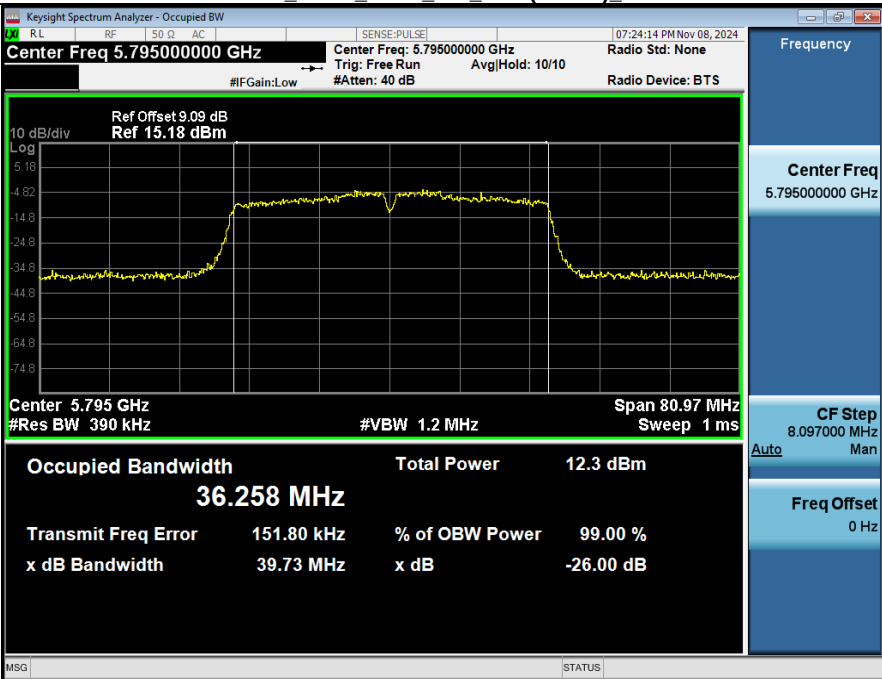
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-26BW_NVNT_ANT2_802_11ac(VHT40)_5795



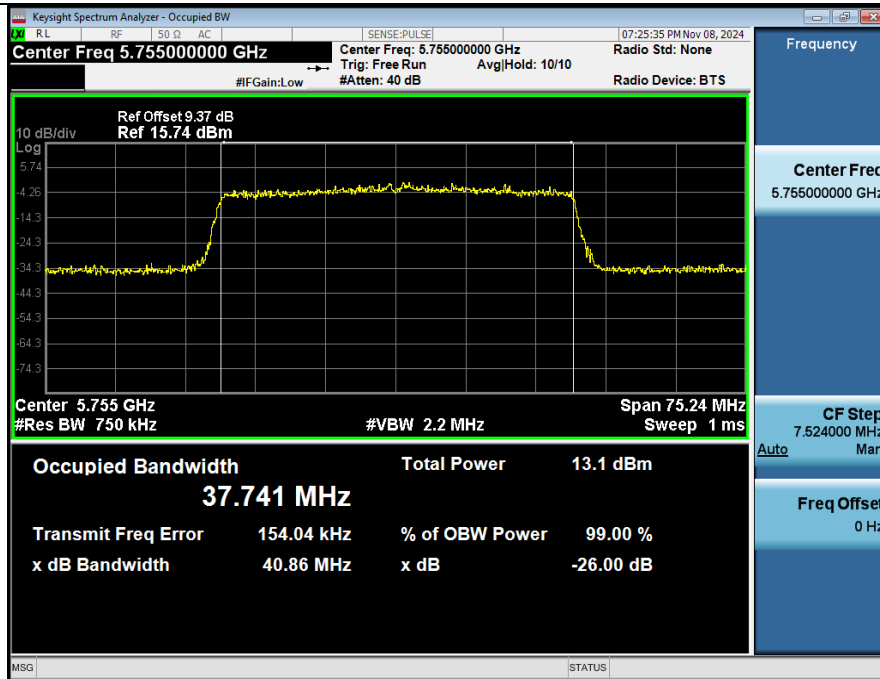
99%_OCB_NVNT_ANT1_802_11ax(HE40)_5755

Appendix B

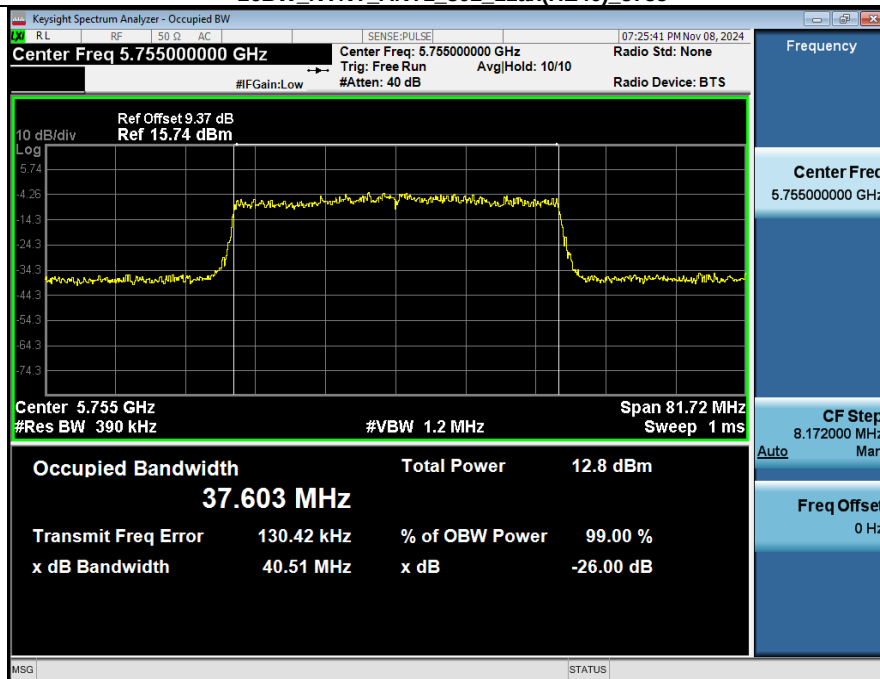
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-26BW_NVNT_ANT1_802_11ax(HE40)_5755



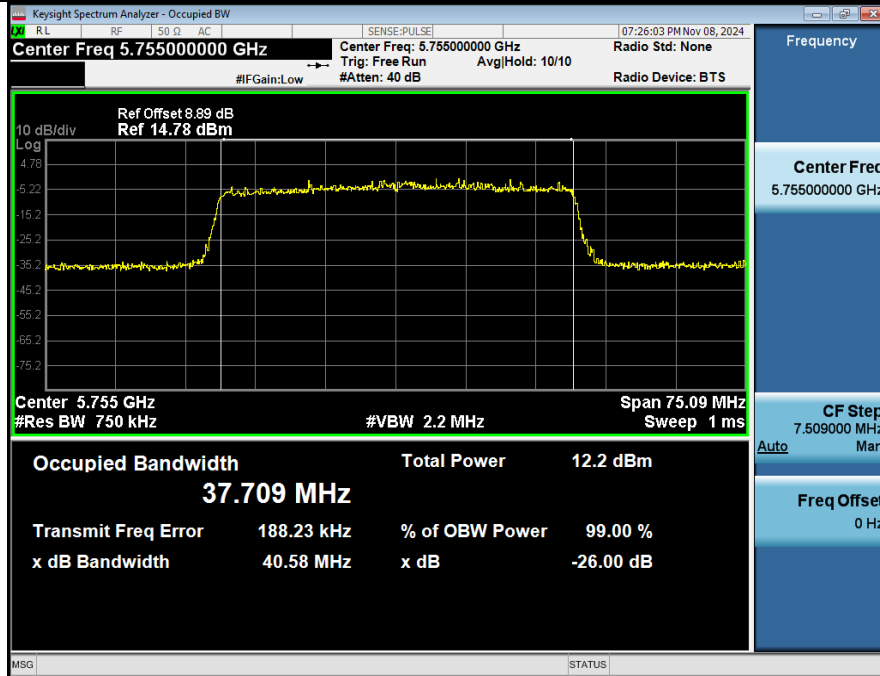
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Appendix B

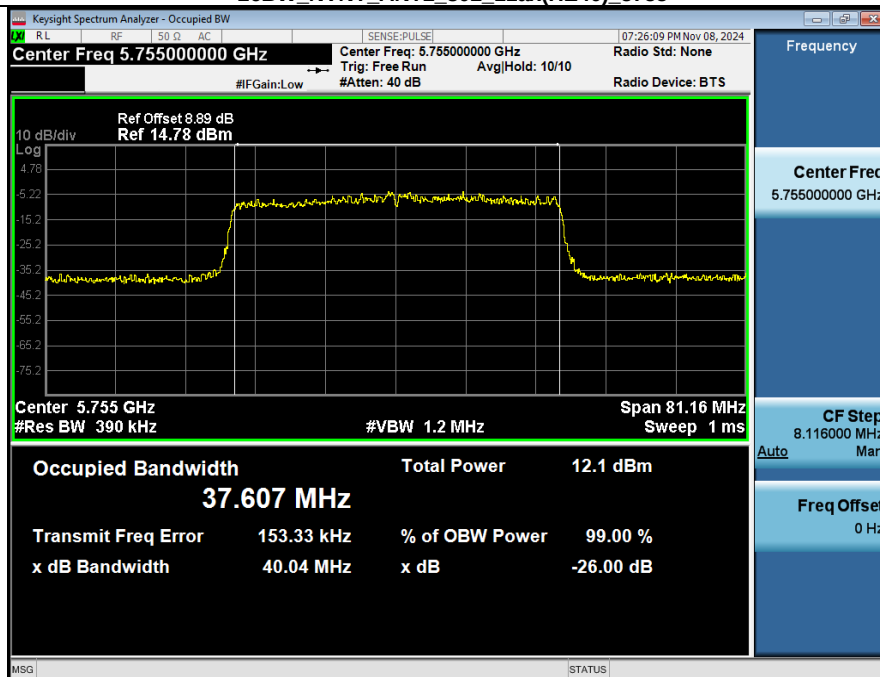
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-26BW_NVNT_ANT2_802_11ax(HE40)_5755



99% OCB_NVNT_ANT1_802_11ax(HE40)_5795

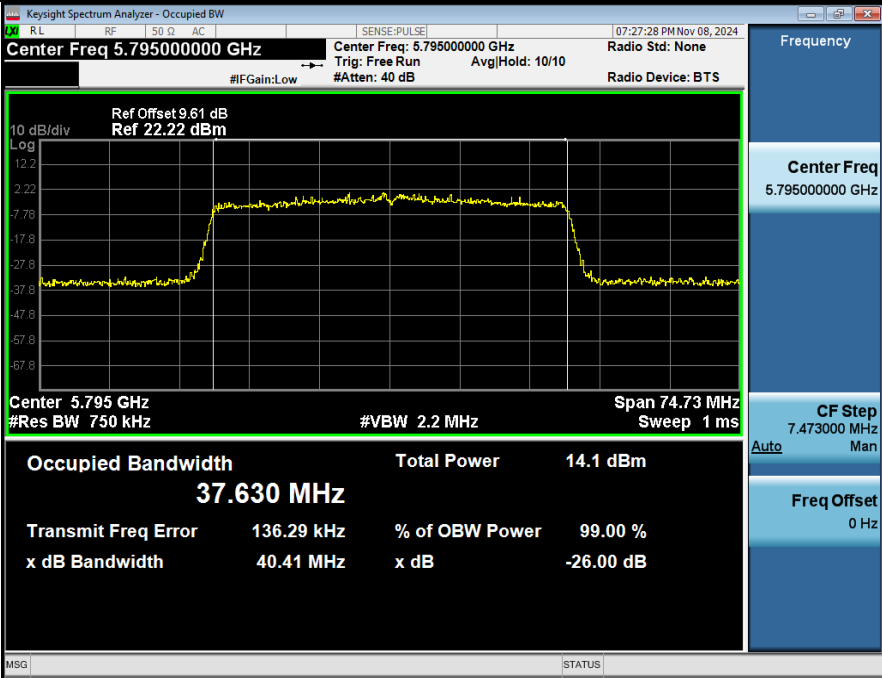
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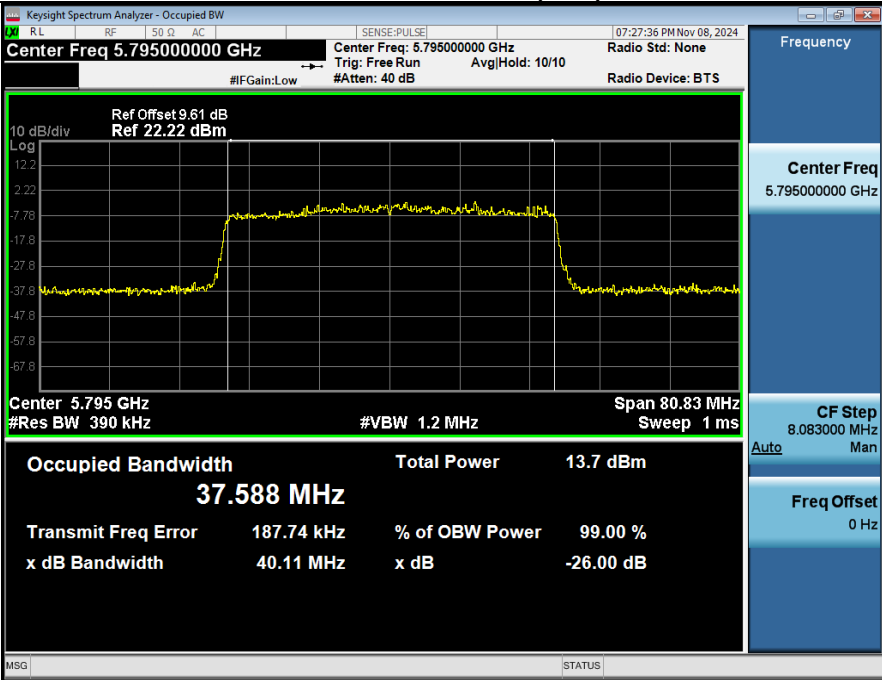
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-26BW_NVNT_ANT1_802_11ax(HE40)_5795



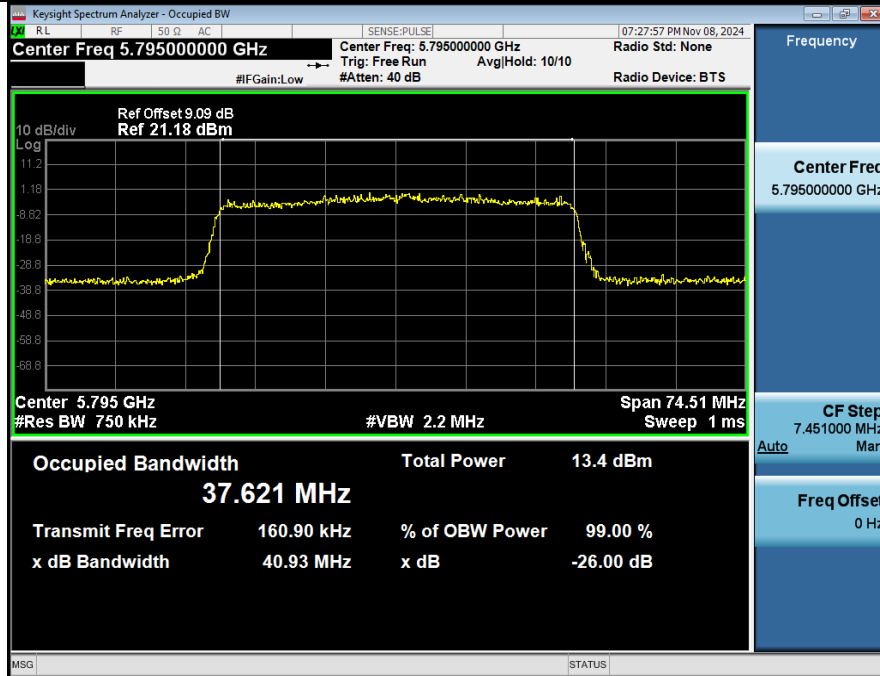
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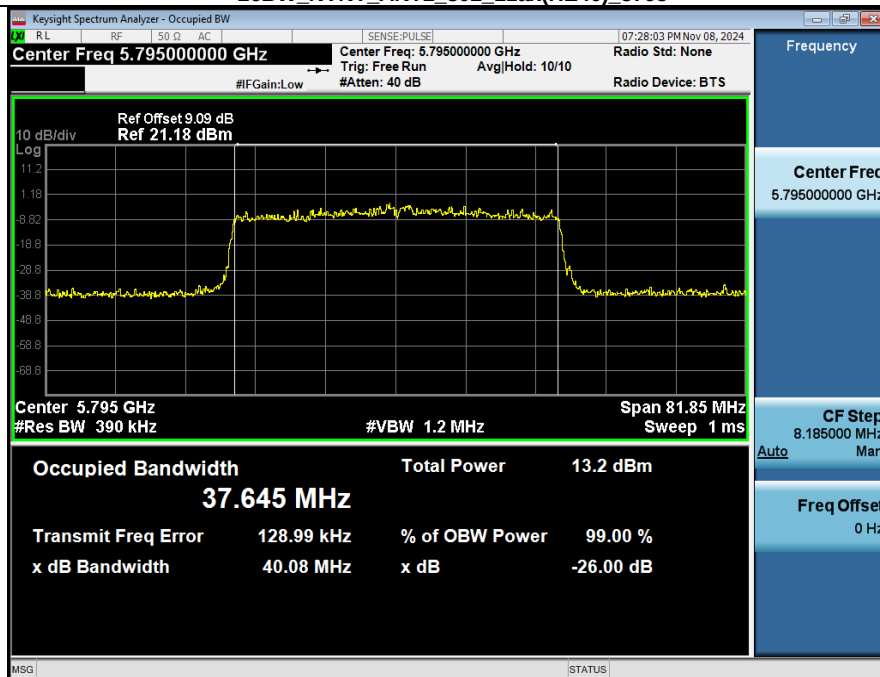
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-26BW_NVNT_ANT2_802_11ax(HE40)_5795



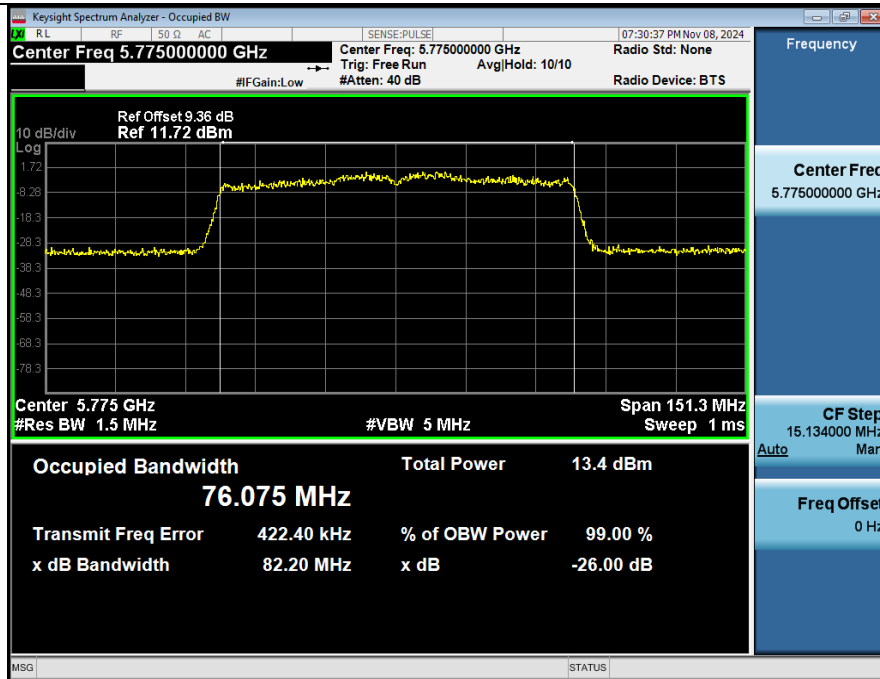
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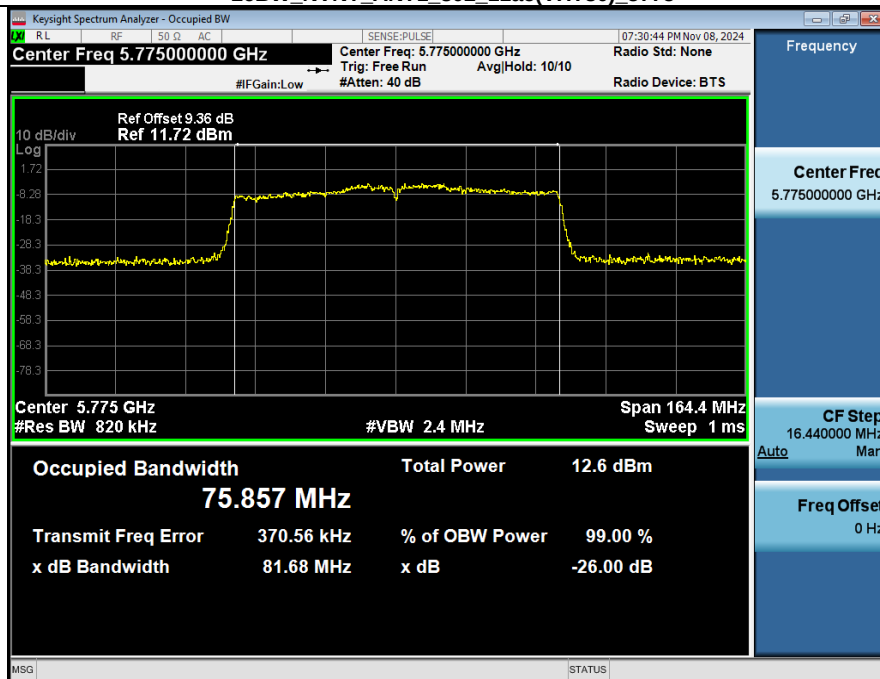
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-26BW_NVNT_ANT1_802_11ac(VHT80)_5775



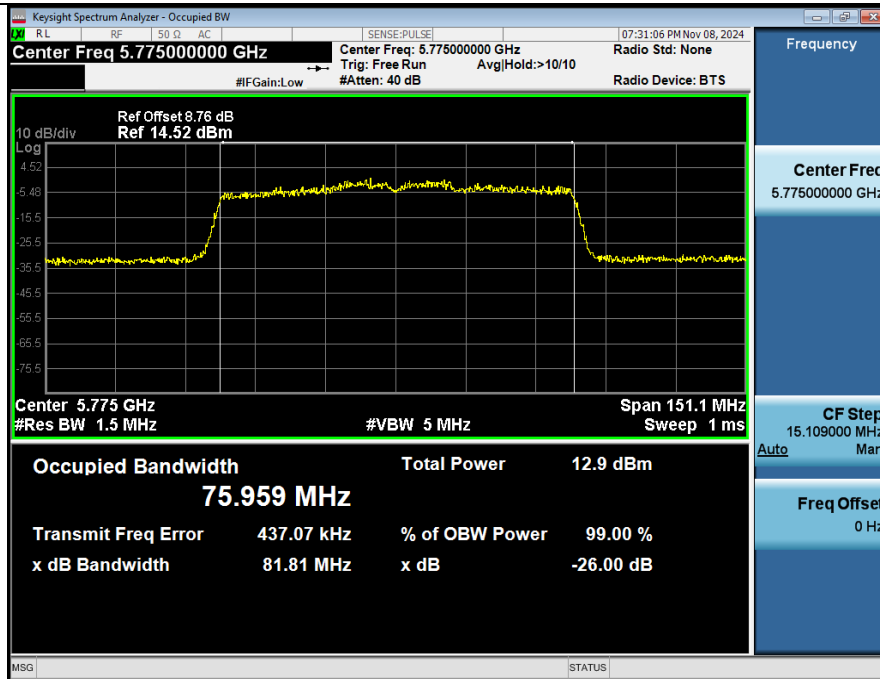
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Appendix B

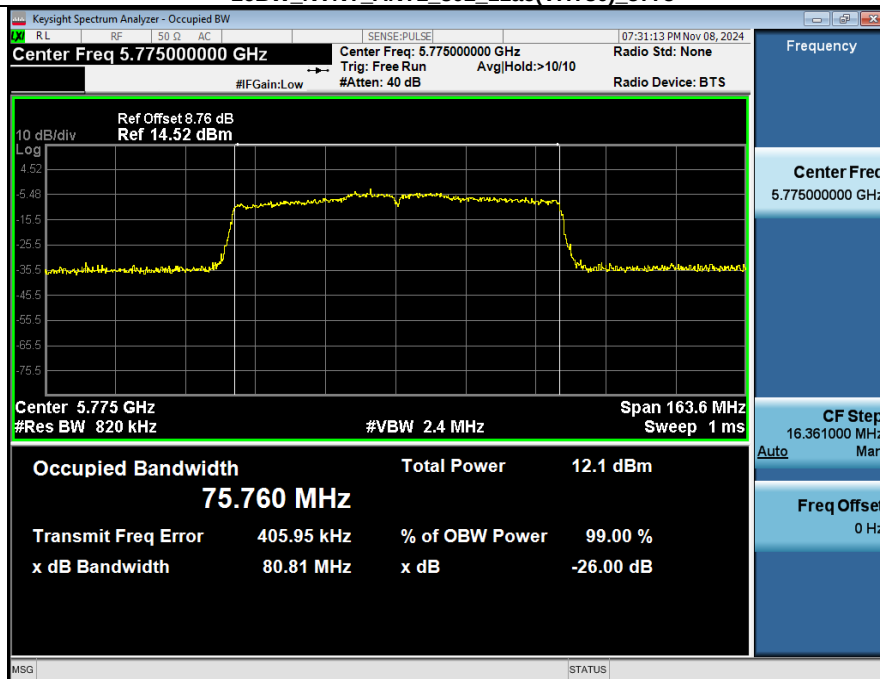
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-26BW_NVNT_ANT2_802_11ac(VHT80)_5775



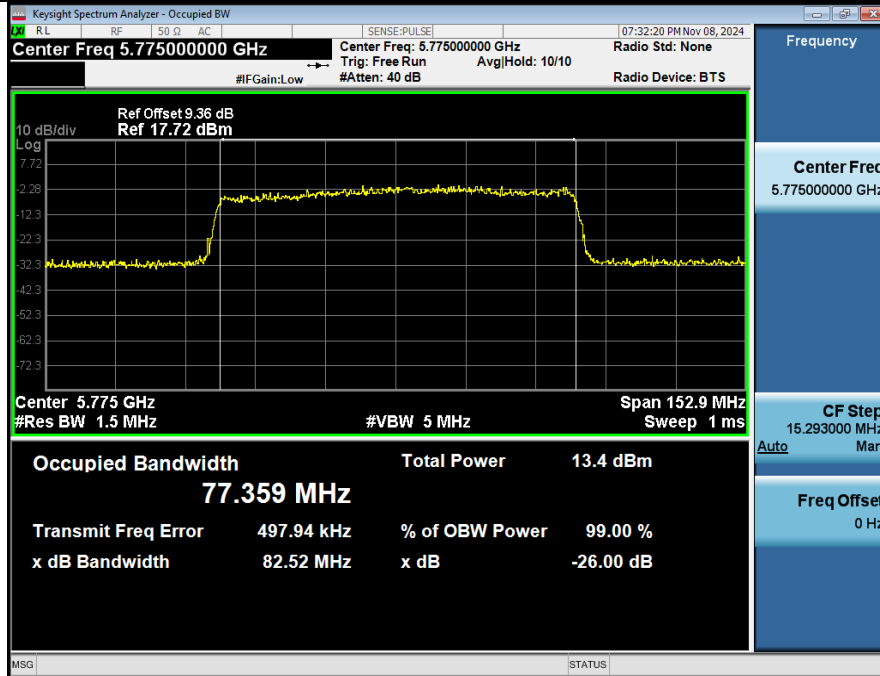
99%_OCB_NVNT_ANT1_802_11ax(HE80)_5775

Appendix B

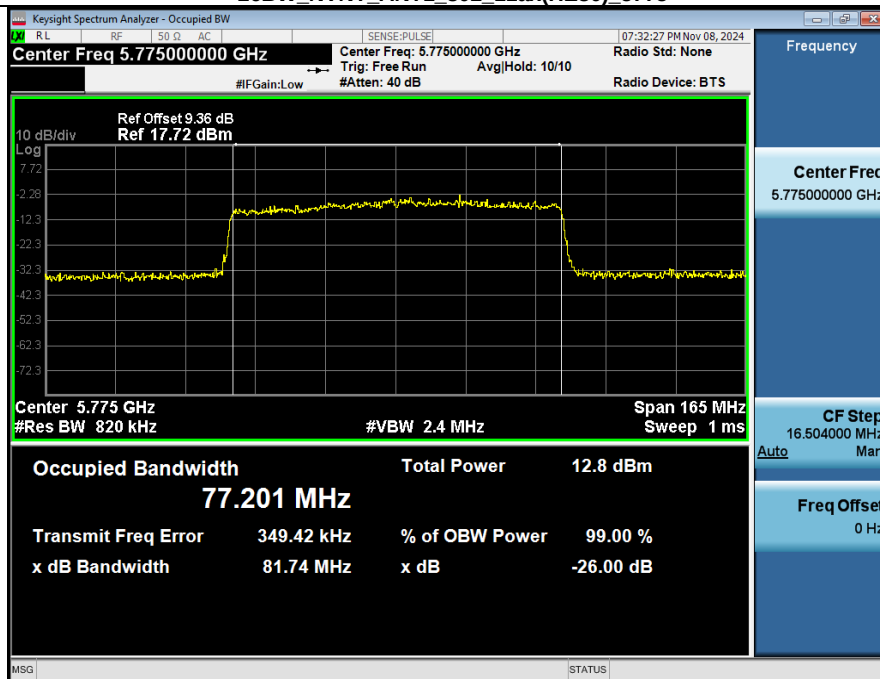
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-26BW_NVNT_ANT1_802_11ax(HE80)_5775



99% OCB_NVNT_ANT2_802_11ax(HE80)_5775

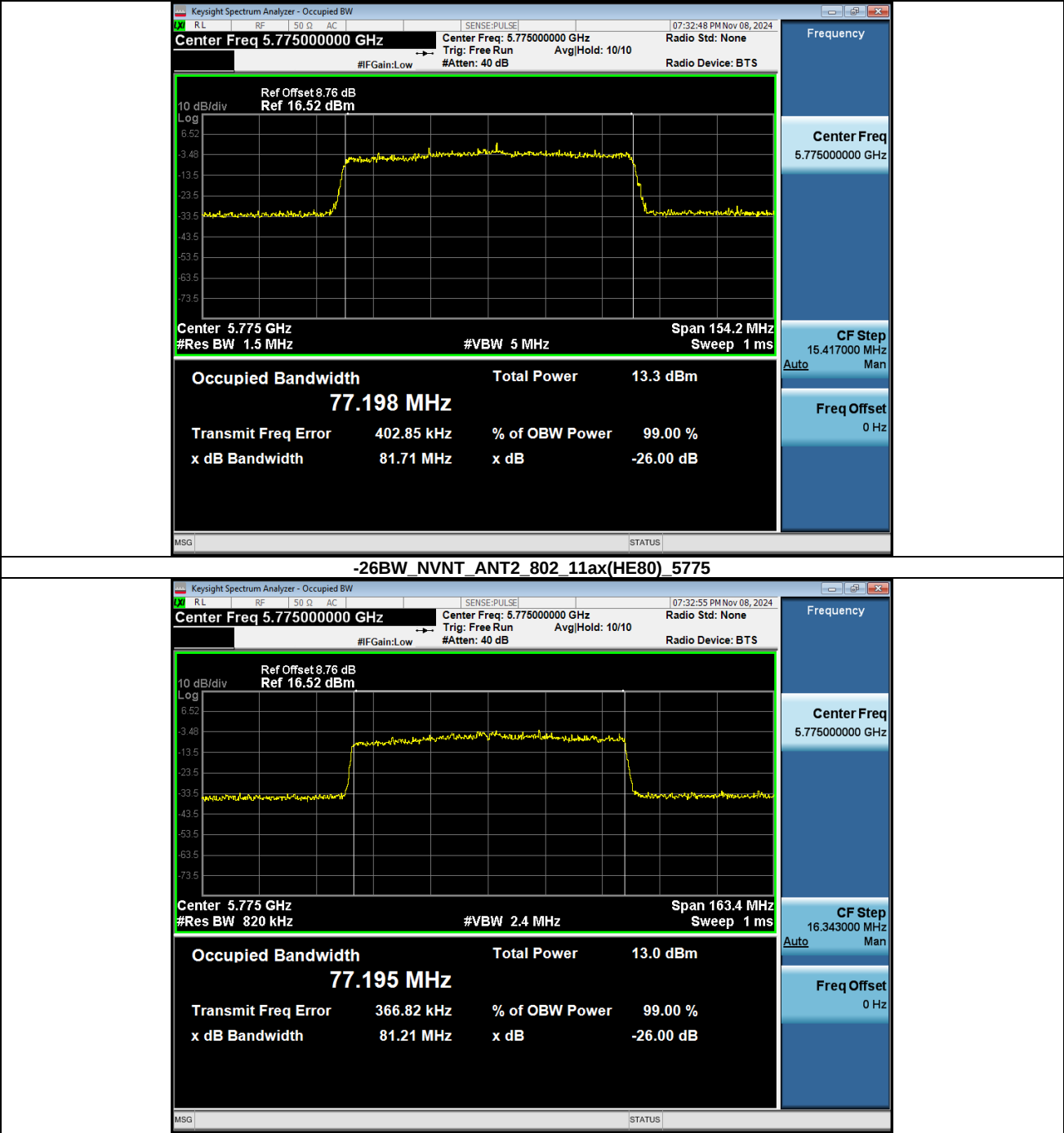
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2. Maximum output power

2.1 Test Data

U-NII-1:

Antenna	Modulation	Frequency (MHz)	Conducted Power (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Gain (dBi)	EIRP (dBm)	Result
ANT1	802.11a	5180.00	17.64	24	23.01	-3.00	14.64	Pass
ANT2	802.11a	5180.00	17.20	24	23.01	-3.00	14.2	Pass
ANT1	802.11a	5200.00	17.39	24	23.01	-3.00	14.39	Pass
ANT2	802.11a	5200.00	17.65	24	23.01	-3.00	14.65	Pass
ANT1	802.11a	5240.00	17.72	24	23.01	-3.00	14.72	Pass
ANT2	802.11a	5240.00	14.34	24	23.01	-3.00	11.34	Pass
ANT1	802.11n(HT20)	5180.00	17.38	24	23.01	-3.00	14.38	Pass
ANT2	802.11n(HT20)	5180.00	17.71	24	23.01	-3.00	14.71	Pass
ANT1	802.11n(HT20)	5200.00	17.96	24	23.01	-3.00	14.96	Pass
ANT2	802.11n(HT20)	5200.00	17.72	24	23.01	-3.00	14.72	Pass
ANT1	802.11n(HT20)	5240.00	16.32	24	23.01	-3.00	13.32	Pass
ANT2	802.11n(HT20)	5240.00	17.29	24	23.01	-3.00	14.29	Pass
ANT1	802.11ac(VHT20)	5180.00	18.17	24	23.01	-3.00	15.17	Pass
ANT2	802.11ac(VHT20)	5180.00	17.62	24	23.01	-3.00	14.62	Pass
ANT1	802.11ac(VHT20)	5200.00	16.52	24	23.01	-3.00	13.52	Pass
ANT2	802.11ac(VHT20)	5200.00	17.45	24	23.01	-3.00	14.45	Pass
ANT1	802.11ac(VHT20)	5240.00	15.64	24	23.01	-3.00	12.64	Pass
ANT2	802.11ac(VHT20)	5240.00	15.19	24	23.01	-3.00	12.19	Pass
ANT1	802.11ax(HE20)	5180.00	15.82	24	23.01	-3.00	12.82	Pass
ANT2	802.11ax(HE20)	5180.00	17.42	24	23.01	-3.00	14.42	Pass
ANT1	802.11ax(HE20)	5200.00	13.66	24	23.01	-3.00	10.66	Pass
ANT2	802.11ax(HE20)	5200.00	13.41	24	23.01	-3.00	10.41	Pass
ANT1	802.11ax(HE20)	5240.00	11.08	24	23.01	-3.00	8.08	Pass
ANT2	802.11ax(HE20)	5240.00	13.56	24	23.01	-3.00	10.56	Pass
ANT1	802.11n(HT40)	5190.00	13.75	24	23.01	-3.00	10.75	Pass
ANT2	802.11n(HT40)	5190.00	13.29	24	23.01	-3.00	10.29	Pass
ANT1	802.11n(HT40)	5230.00	14.50	24	23.01	-3.00	11.5	Pass
ANT2	802.11n(HT40)	5230.00	13.87	24	23.01	-3.00	10.87	Pass
ANT1	802.11ac(VHT40)	5190.00	12.99	24	23.01	-3.00	9.99	Pass
ANT2	802.11ac(VHT40)	5190.00	11.99	24	23.01	-3.00	8.99	Pass
ANT1	802.11ac(VHT40)	5230.00	12.34	24	23.01	-3.00	9.34	Pass
ANT2	802.11ac(VHT40)	5230.00	12.63	24	23.01	-3.00	9.63	Pass
ANT1	802.11ax(HE40)	5190.00	12.19	24	23.01	-3.00	9.19	Pass
ANT2	802.11ax(HE40)	5190.00	11.91	24	23.01	-3.00	8.91	Pass
ANT1	802.11ax(HE40)	5230.00	13.51	24	23.01	-3.00	10.51	Pass
ANT2	802.11ax(HE40)	5230.00	12.85	24	23.01	-3.00	9.85	Pass
ANT1	802.11ac(VHT80)	5210.00	13.14	24	23.01	-3.00	10.14	Pass
ANT2	802.11ac(VHT80)	5210.00	13.25	24	23.01	-3.00	10.25	Pass
ANT1	802.11ax(HE80)	5210.00	12.94	24	23.01	-3.00	9.94	Pass
ANT2	802.11ax(HE80)	5210.00	13.28	24	23.01	-3.00	10.28	Pass

Antenna	Mode	Frequency (MHz)	MIMO_Conducted Power(dBm)	FCC Limit (dBm)	IC Limit (dBm)	Gain (dBi)	EIRP (dBm)	Result
MIMO_TX	802.11n(HT20)	5180.00	20.56	24	23.01	-3.00	17.56	Pass
MIMO_TX	802.11n(HT20)	5200.00	20.85	24	23.01	-3.00	17.85	Pass
MIMO_TX	802.11n(HT20)	5240.00	19.84	24	23.01	-3.00	16.84	Pass
MIMO_TX	802.11ac(VHT20)	5180.00	20.91	24	23.01	-3.00	17.91	Pass
MIMO_TX	802.11ac(VHT20)	5200.00	20.02	24	23.01	-3.00	17.02	Pass
MIMO_TX	802.11ac(VHT20)	5240.00	18.43	24	23.01	-3.00	15.43	Pass
MIMO_TX	802.11ax(HE20)	5180.00	19.70	24	23.01	-3.00	16.70	Pass
MIMO_TX	802.11ax(HE20)	5200.00	16.55	24	23.01	-3.00	13.55	Pass
MIMO_TX	802.11ax(HE20)	5240.00	15.51	24	23.01	-3.00	12.51	Pass
MIMO_TX	802.11n(HT40)	5190.00	16.54	24	23.01	-3.00	13.54	Pass
MIMO_TX	802.11n(HT40)	5230.00	17.21	24	23.01	-3.00	14.21	Pass
MIMO_TX	802.11ac(VHT40)	5190.00	15.53	24	23.01	-3.00	12.53	Pass
MIMO_TX	802.11ac(VHT40)	5230.00	15.50	24	23.01	-3.00	12.50	Pass
MIMO_TX	802.11ax(HE40)	5190.00	15.06	24	23.01	-3.00	12.06	Pass
MIMO_TX	802.11ax(HE40)	5230.00	16.20	24	23.01	-3.00	13.20	Pass
MIMO_TX	802.11ac(VHT80)	5210.00	16.21	24	23.01	-3.00	13.21	Pass
MIMO_TX	802.11ax(HE80)	5210.00	16.12	24	23.01	-3.00	13.12	Pass

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U-NII-3:

Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Limit (dBm)	Gain (dBi)	EIRP (dBm)	Result
ANT1	802.11a	5745.00	17.24	30	-3.00	14.24	Pass
ANT2	802.11a	5745.00	15.68	30	-3.00	12.68	Pass
ANT1	802.11a	5785.00	18.54	30	-3.00	15.54	Pass
ANT2	802.11a	5785.00	17.89	30	-3.00	14.89	Pass
ANT1	802.11a	5825.00	18.73	30	-3.00	15.73	Pass
ANT2	802.11a	5825.00	18.40	30	-3.00	15.40	Pass
ANT1	802.11n(HT20)	5745.00	17.17	30	-3.00	14.17	Pass
ANT2	802.11n(HT20)	5745.00	17.41	30	-3.00	14.41	Pass
ANT1	802.11n(HT20)	5785.00	18.70	30	-3.00	15.70	Pass
ANT2	802.11n(HT20)	5785.00	16.44	30	-3.00	13.44	Pass
ANT1	802.11n(HT20)	5825.00	18.25	30	-3.00	15.25	Pass
ANT2	802.11n(HT20)	5825.00	18.71	30	-3.00	15.71	Pass
ANT1	802.11ac(VHT20)	5745.00	17.66	30	-3.00	14.66	Pass
ANT2	802.11ac(VHT20)	5745.00	16.55	30	-3.00	13.55	Pass
ANT1	802.11ac(VHT20)	5785.00	17.96	30	-3.00	14.96	Pass
ANT2	802.11ac(VHT20)	5785.00	17.82	30	-3.00	14.82	Pass
ANT1	802.11ac(VHT20)	5825.00	18.76	30	-3.00	15.76	Pass
ANT2	802.11ac(VHT20)	5825.00	19.00	30	-3.00	16.00	Pass
ANT1	802.11ax(HE20)	5745.00	13.78	30	-3.00	10.78	Pass
ANT2	802.11ax(HE20)	5745.00	16.98	30	-3.00	13.98	Pass
ANT1	802.11ax(HE20)	5785.00	18.29	30	-3.00	15.29	Pass
ANT2	802.11ax(HE20)	5785.00	16.39	30	-3.00	13.39	Pass
ANT1	802.11ax(HE20)	5825.00	18.53	30	-3.00	15.53	Pass
ANT2	802.11ax(HE20)	5825.00	19.01	30	-3.00	16.01	Pass
ANT1	802.11n(HT40)	5755.00	17.18	30	-3.00	14.18	Pass
ANT2	802.11n(HT40)	5755.00	17.10	30	-3.00	14.10	Pass
ANT1	802.11n(HT40)	5795.00	19.11	30	-3.00	16.11	Pass
ANT2	802.11n(HT40)	5795.00	17.66	30	-3.00	14.66	Pass
ANT1	802.11ac(VHT40)	5755.00	15.38	30	-3.00	12.38	Pass
ANT2	802.11ac(VHT40)	5755.00	17.04	30	-3.00	14.04	Pass
ANT1	802.11ac(VHT40)	5795.00	18.51	30	-3.00	15.51	Pass
ANT2	802.11ac(VHT40)	5795.00	17.72	30	-3.00	14.72	Pass
ANT1	802.11ax(HE40)	5755.00	16.74	30	-3.00	13.74	Pass
ANT2	802.11ax(HE40)	5755.00	15.89	30	-3.00	12.89	Pass
ANT1	802.11ax(HE40)	5795.00	18.09	30	-3.00	15.09	Pass
ANT2	802.11ax(HE40)	5795.00	17.40	30	-3.00	14.40	Pass
ANT1	802.11ac(VHT80)	5775.00	17.97	30	-3.00	14.97	Pass
ANT2	802.11ac(VHT80)	5775.00	17.54	30	-3.00	14.54	Pass
ANT1	802.11ax(HE80)	5775.00	18.06	30	-3.00	15.06	Pass
ANT2	802.11ax(HE80)	5775.00	17.68	30	-3.00	14.68	Pass

Antenna	Mode	Frequency (MHz)	MIMO_Conducted Power(dBm)	Limit (dBm)	Max Gain (dBi)	EIRP (dBm)	Result
MIMO_TX	802.11n(HT20)	5745.00	20.30	30	-3.00	17.30	Pass
MIMO_TX	802.11n(HT20)	5785.00	20.73	30	-3.00	17.73	Pass
MIMO_TX	802.11n(HT20)	5825.00	21.50	30	-3.00	18.50	Pass
MIMO_TX	802.11ac(VHT20)	5745.00	20.15	30	-3.00	17.15	Pass
MIMO_TX	802.11ac(VHT20)	5785.00	20.90	30	-3.00	17.90	Pass
MIMO_TX	802.11ac(VHT20)	5825.00	21.89	30	-3.00	18.89	Pass
MIMO_TX	802.11ax(HE20)	5745.00	18.68	30	-3.00	15.68	Pass
MIMO_TX	802.11ax(HE20)	5785.00	20.45	30	-3.00	17.45	Pass
MIMO_TX	802.11ax(HE20)	5825.00	21.79	30	-3.00	18.79	Pass
MIMO_TX	802.11n(HT40)	5755.00	20.15	30	-3.00	17.15	Pass
MIMO_TX	802.11n(HT40)	5795.00	21.46	30	-3.00	18.46	Pass
MIMO_TX	802.11ac(VHT40)	5755.00	19.30	30	-3.00	16.30	Pass
MIMO_TX	802.11ac(VHT40)	5795.00	21.14	30	-3.00	18.14	Pass
MIMO_TX	802.11ax(HE40)	5755.00	19.34	30	-3.00	16.34	Pass
MIMO_TX	802.11ax(HE40)	5795.00	20.77	30	-3.00	17.77	Pass
MIMO_TX	802.11ac(VHT80)	5775.00	20.77	30	-3.00	17.77	Pass
MIMO_TX	802.11ax(HE80)	5775.00	20.89	30	-3.00	17.89	Pass

Note: The cable loss and duty cycle factor are taken into account in results, e.i.r.p.=P(Peak power)+ G

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2.2 Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5180.00	98.97	0.00
NVNT	ANT2	802.11a	5180.00	98.97	0.00
NVNT	ANT1	802.11a	5200.00	98.97	0.00
NVNT	ANT2	802.11a	5200.00	98.97	0.00
NVNT	ANT1	802.11a	5240.00	98.97	0.00
NVNT	ANT2	802.11a	5240.00	98.97	0.00
NVNT	ANT1	802.11n(HT20)	5180.00	96.38	0.16
NVNT	ANT2	802.11n(HT20)	5180.00	96.40	0.16
NVNT	ANT1	802.11n(HT20)	5200.00	95.65	0.19
NVNT	ANT2	802.11n(HT20)	5200.00	95.71	0.19
NVNT	ANT1	802.11n(HT20)	5240.00	97.10	0.13
NVNT	ANT2	802.11n(HT20)	5240.00	95.65	0.19
NVNT	ANT1	802.11ac(VHT20)	5180.00	95.07	0.22
NVNT	ANT2	802.11ac(VHT20)	5180.00	95.10	0.22
NVNT	ANT1	802.11ac(VHT20)	5200.00	95.07	0.22
NVNT	ANT2	802.11ac(VHT20)	5200.00	95.07	0.22
NVNT	ANT1	802.11ac(VHT20)	5240.00	95.10	0.22
NVNT	ANT2	802.11ac(VHT20)	5240.00	95.07	0.22
NVNT	ANT1	802.11ax(HE20)	5180.00	88.64	0.52
NVNT	ANT2	802.11ax(HE20)	5180.00	88.64	0.52
NVNT	ANT1	802.11ax(HE20)	5200.00	88.64	0.52
NVNT	ANT2	802.11ax(HE20)	5200.00	88.51	0.53
NVNT	ANT1	802.11ax(HE20)	5240.00	88.64	0.52
NVNT	ANT2	802.11ax(HE20)	5240.00	88.64	0.52
NVNT	ANT1	802.11n(HT40)	5190.00	56.52	2.48
NVNT	ANT2	802.11n(HT40)	5190.00	56.52	2.48
NVNT	ANT1	802.11n(HT40)	5230.00	90.38	0.44
NVNT	ANT2	802.11n(HT40)	5230.00	90.48	0.43
NVNT	ANT1	802.11ac(VHT40)	5190.00	90.48	0.43
NVNT	ANT2	802.11ac(VHT40)	5190.00	90.48	0.43
NVNT	ANT1	802.11ac(VHT40)	5230.00	90.48	0.43
NVNT	ANT2	802.11ac(VHT40)	5230.00	90.48	0.43
NVNT	ANT1	802.11ax(HE40)	5190.00	80.77	0.93
NVNT	ANT2	802.11ax(HE40)	5190.00	80.77	0.93
NVNT	ANT1	802.11ax(HE40)	5230.00	81.13	0.91
NVNT	ANT2	802.11ax(HE40)	5230.00	80.77	0.93
NVNT	ANT1	802.11ac(VHT80)	5210.00	82.14	0.85
NVNT	ANT2	802.11ac(VHT80)	5210.00	80.70	0.93
NVNT	ANT1	802.11ax(HE80)	5210.00	80.00	0.97
NVNT	ANT2	802.11ax(HE80)	5210.00	80.00	0.97

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Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	98.97	0.00
NVNT	ANT2	802.11a	5745.00	98.97	0.00
NVNT	ANT1	802.11a	5785.00	98.97	0.00
NVNT	ANT2	802.11a	5785.00	98.97	0.00
NVNT	ANT1	802.11a	5825.00	98.97	0.00
NVNT	ANT2	802.11a	5825.00	98.97	0.00
NVNT	ANT1	802.11n(HT20)	5745.00	96.40	0.16
NVNT	ANT2	802.11n(HT20)	5745.00	96.38	0.16
NVNT	ANT1	802.11n(HT20)	5785.00	96.40	0.16
NVNT	ANT2	802.11n(HT20)	5785.00	96.40	0.16
NVNT	ANT1	802.11n(HT20)	5825.00	96.38	0.16
NVNT	ANT2	802.11n(HT20)	5825.00	97.10	0.13
NVNT	ANT1	802.11ac(VHT20)	5745.00	95.07	0.22
NVNT	ANT2	802.11ac(VHT20)	5745.00	95.07	0.22
NVNT	ANT1	802.11ac(VHT20)	5785.00	95.07	0.22
NVNT	ANT2	802.11ac(VHT20)	5785.00	95.07	0.22
NVNT	ANT1	802.11ac(VHT20)	5825.00	95.07	0.22
NVNT	ANT2	802.11ac(VHT20)	5825.00	95.07	0.22
NVNT	ANT1	802.11ax(HE20)	5745.00	88.64	0.52
NVNT	ANT2	802.11ax(HE20)	5745.00	88.64	0.52
NVNT	ANT1	802.11ax(HE20)	5785.00	88.64	0.52
NVNT	ANT2	802.11ax(HE20)	5785.00	88.64	0.52
NVNT	ANT1	802.11ax(HE20)	5825.00	88.64	0.52
NVNT	ANT2	802.11ax(HE20)	5825.00	88.64	0.52
NVNT	ANT1	802.11n(HT40)	5755.00	94.55	0.24
NVNT	ANT2	802.11n(HT40)	5755.00	94.55	0.24
NVNT	ANT1	802.11n(HT40)	5795.00	90.38	0.44
NVNT	ANT2	802.11n(HT40)	5795.00	90.48	0.43
NVNT	ANT1	802.11ac(VHT40)	5755.00	90.48	0.43
NVNT	ANT2	802.11ac(VHT40)	5755.00	90.48	0.43
NVNT	ANT1	802.11ac(VHT40)	5795.00	90.48	0.43
NVNT	ANT2	802.11ac(VHT40)	5795.00	90.57	0.43
NVNT	ANT1	802.11ax(HE40)	5755.00	81.13	0.91
NVNT	ANT2	802.11ax(HE40)	5755.00	80.77	0.93
NVNT	ANT1	802.11ax(HE40)	5795.00	80.77	0.93
NVNT	ANT2	802.11ax(HE40)	5795.00	81.13	0.91
NVNT	ANT1	802.11ac(VHT80)	5775.00	82.14	0.85
NVNT	ANT2	802.11ac(VHT80)	5775.00	82.14	0.85
NVNT	ANT1	802.11ax(HE80)	5775.00	80.00	0.97
NVNT	ANT2	802.11ax(HE80)	5775.00	80.00	0.97

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3. Power Spectral Density

3.1 Test Datas Bands U-NII-1

Condition	Antenna	Modulation	Frequency (MHz)	PSD (dBm/MHz)	Duty factor(dB)	Conducted PSD (dBm/MHz)	FCC Conducted limit(dBm/MHz)	EIRP PSD (dBm/MHz)	ISED EIRP PSD limit (dBm/MHz)	Result
NVNT	ANT1	802.11a	5180.00	4.82	0.00	4.82	11	1.82	10	Pass
NVNT	ANT1	802.11a	5200.00	3.04	0.00	3.04	11	0.04	10	Pass
NVNT	ANT1	802.11a	5240.00	4.75	0.00	4.75	11	1.75	10	Pass
NVNT	ANT2	802.11a	5180.00	3.81	0.00	3.81	11	0.81	10	Pass
NVNT	ANT2	802.11a	5200.00	5.18	0.00	5.18	11	2.18	10	Pass
NVNT	ANT2	802.11a	5240.00	-0.18	0.00	-0.18	11	-3.18	10	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	4.06	0.16	4.22	11	1.22	10	Pass
NVNT	ANT2	802.11n(HT20)	5180.00	2.28	0.16	2.44	11	-0.56	10	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	4.55	0.19	4.74	11	1.74	10	Pass
NVNT	ANT2	802.11n(HT20)	5200.00	1.54	0.19	1.73	11	-1.27	10	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	1.35	0.13	1.48	11	-1.52	10	Pass
NVNT	ANT2	802.11n(HT20)	5240.00	1.68	0.19	1.87	11	-1.13	10	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	3.21	0.22	3.43	11	0.43	10	Pass
NVNT	ANT2	802.11ac(VHT20)	5180.00	-1.56	0.22	-1.34	11	-4.34	10	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	1.63	0.22	1.85	11	-1.15	10	Pass
NVNT	ANT2	802.11ac(VHT20)	5200.00	3.13	0.22	3.35	11	0.35	10	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	2.85	0.22	3.08	11	0.08	10	Pass
NVNT	ANT2	802.11ac(VHT20)	5240.00	1.58	0.22	1.80	11	-1.2	10	Pass
NVNT	ANT1	802.11ax(HE20)	5180.00	-1.05	0.52	-0.53	11	-3.53	10	Pass
NVNT	ANT2	802.11ax(HE20)	5180.00	-0.21	0.52	0.31	11	-2.69	10	Pass
NVNT	ANT1	802.11ax(HE20)	5200.00	-4.40	0.52	-3.88	11	-6.88	10	Pass
NVNT	ANT2	802.11ax(HE20)	5200.00	-4.87	0.53	-4.33	11	-7.33	10	Pass
NVNT	ANT1	802.11ax(HE20)	5240.00	-4.76	0.52	-4.24	11	-7.24	10	Pass
NVNT	ANT2	802.11ax(HE20)	5240.00	-4.12	0.52	-3.60	11	-6.6	10	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-23.46	2.48	-20.98	11	-23.98	10	Pass
NVNT	ANT2	802.11n(HT40)	5190.00	-21.38	2.48	-18.90	11	-21.9	10	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-6.95	0.44	-6.51	11	-9.51	10	Pass
NVNT	ANT2	802.11n(HT40)	5230.00	-6.03	0.43	-5.60	11	-8.6	10	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-6.85	0.43	-6.42	11	-9.42	10	Pass
NVNT	ANT2	802.11ac(VHT40)	5190.00	-7.28	0.43	-6.85	11	-9.85	10	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-7.28	0.43	-6.85	11	-9.85	10	Pass
NVNT	ANT2	802.11ac(VHT40)	5230.00	-8.65	0.43	-8.22	11	-11.22	10	Pass
NVNT	ANT1	802.11ax(HE40)	5190.00	-11.29	0.93	-10.36	11	-13.36	10	Pass
NVNT	ANT2	802.11ax(HE40)	5190.00	-11.52	0.93	-10.59	11	-13.59	10	Pass
NVNT	ANT1	802.11ax(HE40)	5230.00	-11.40	0.91	-10.49	11	-13.49	10	Pass
NVNT	ANT2	802.11ax(HE40)	5230.00	-10.77	0.93	-9.84	11	-12.84	10	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-13.56	0.85	-12.71	11	-15.71	10	Pass
NVNT	ANT2	802.11ac(VHT80)	5210.00	-15.25	0.93	-14.32	11	-17.32	10	Pass
NVNT	ANT1	802.11ax(HE80)	5210.00	-13.49	0.97	-12.52	11	-15.52	10	Pass
NVNT	ANT2	802.11ax(HE80)	5210.00	-13.91	0.97	-12.94	11	-15.94	10	Pass

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Condition	Antenna	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)	FCC Conducted limit (dBm/MHz)	EIRP PSD (dBm/MHz)	ISED EIRP PSD limit (dBm/MHz)	Result
NVNT	MIMO_TX	802.11n(HT20)	5180.00	6.21	11	3.21	10	Pass
NVNT	MIMO_TX	802.11n(HT20)	5200.00	6.28	11	3.28	10	Pass
NVNT	MIMO_TX	802.11n(HT20)	5240.00	4.31	11	1.31	10	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5180.00	4.24	11	1.24	10	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5200.00	5.43	11	2.43	10	Pass
NVNT	MIMO_TX	802.11ac(VHT20)	5240.00	4.80	11	1.8	10	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5180.00	1.60	11	-1.4	10	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5200.00	-1.62	11	-4.62	10	Pass
NVNT	MIMO_TX	802.11ax(HE20)	5240.00	-1.36	11	-4.36	10	Pass
NVNT	MIMO_TX	802.11n(HT40)	5190.00	-17.60	11	-20.6	10	Pass
NVNT	MIMO_TX	802.11n(HT40)	5230.00	-3.99	11	-6.99	10	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5190.00	-3.62	11	-6.62	10	Pass
NVNT	MIMO_TX	802.11ac(VHT40)	5230.00	-5.28	11	-8.28	10	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5190.00	-8.13	11	-11.13	10	Pass
NVNT	MIMO_TX	802.11ax(HE40)	5230.00	-8.52	11	-11.52	10	Pass
NVNT	MIMO_TX	802.11ac(VHT80)	5210.00	-11.10	11	-14.1	10	Pass
NVNT	MIMO_TX	802.11ax(HE80)	5210.00	-10.09	11	-13.09	10	Pass

Note: The cable loss and duty cycle factor are taken into account in results, e.i.r.p.= $P_{(\text{Peak power})} + G$

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Power_Spectral_Density_NVNT_ANT1_802_11a_5180



Power_Spectral_Density_NVNT_ANT2_802_11a_5180



Power_Spectral_Density_NVNT_ANT1_802_11a_5200

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Power_Spectral_Density_NVNT_ANT2_802_11a_5200



Power_Spectral_Density_NVNT_ANT1_802_11a_5240