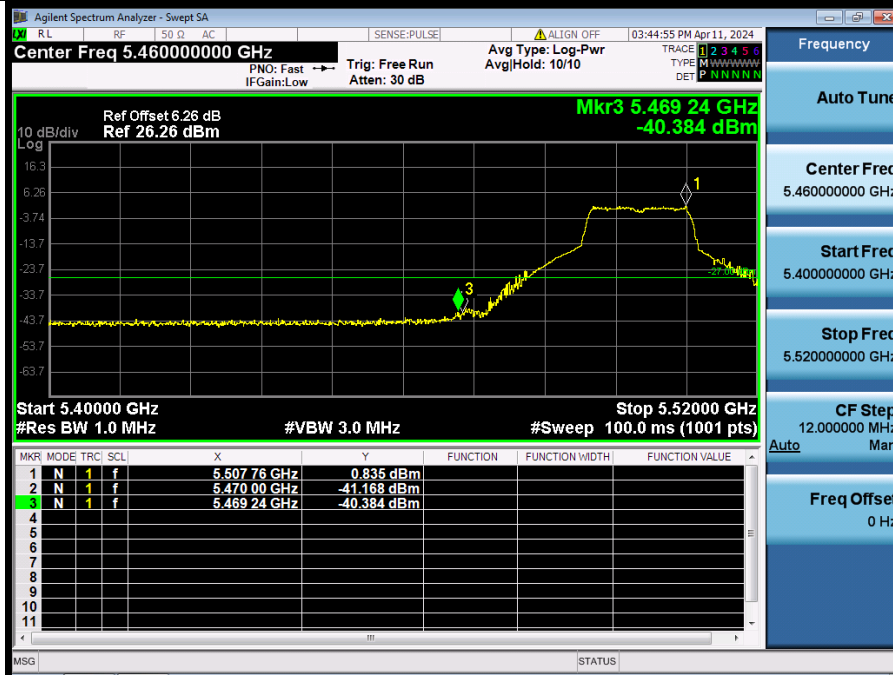
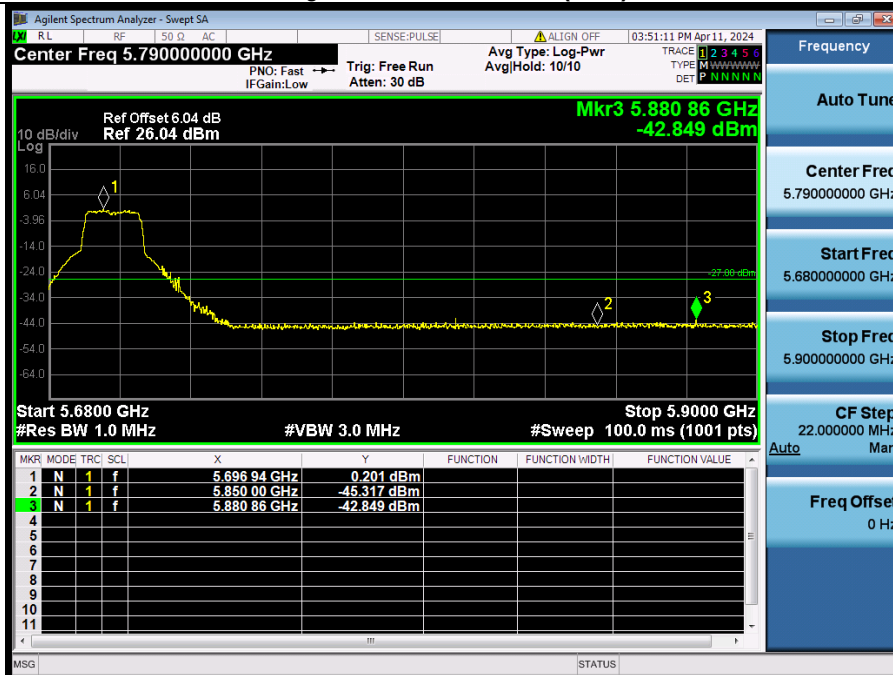


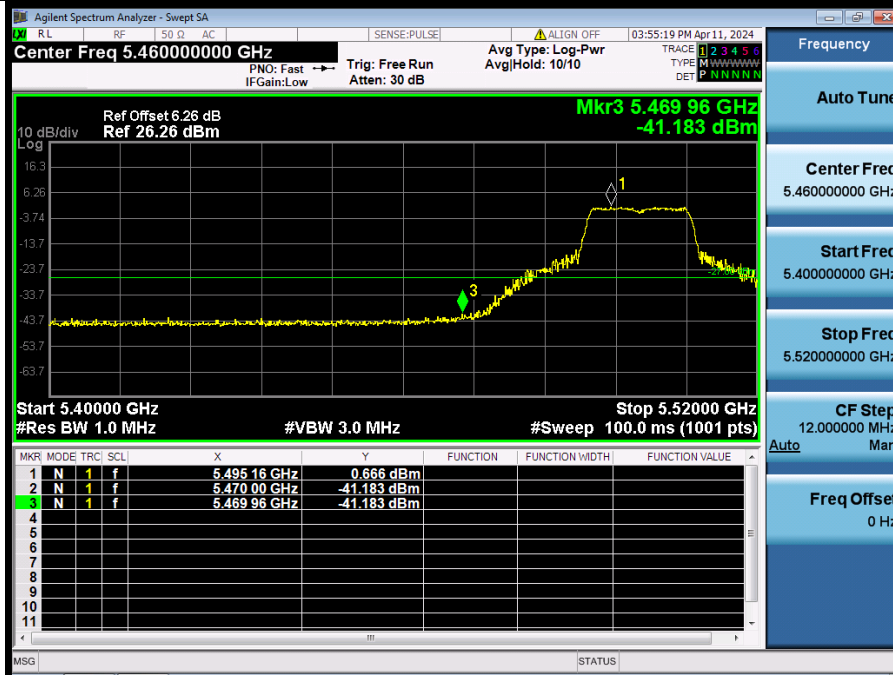
Bandedge_NVNT_ANT1_802_11n(HT20)_5500



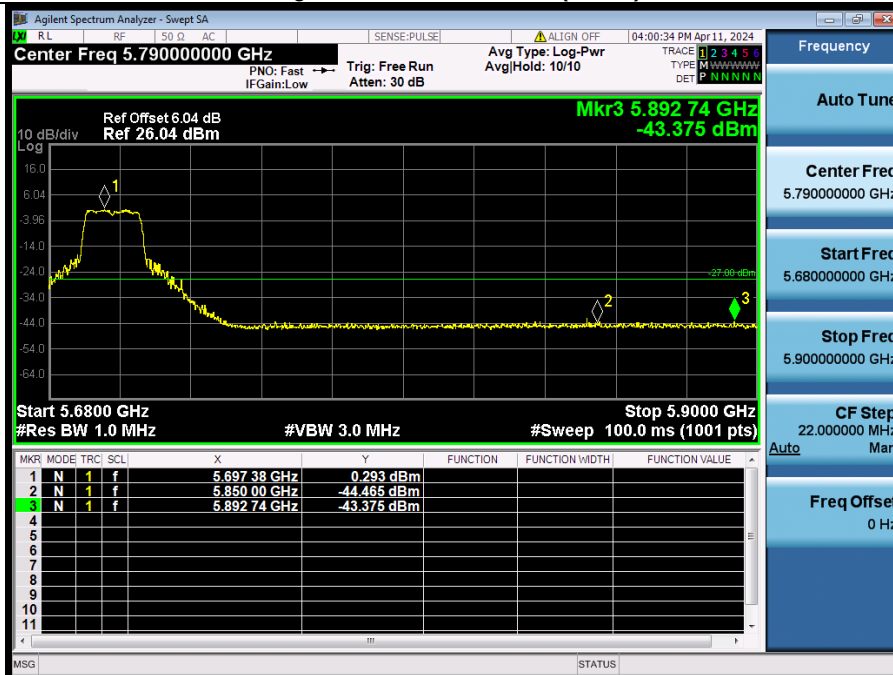
Bandedge_NVNT_ANT1_802_11n(HT20)_5700



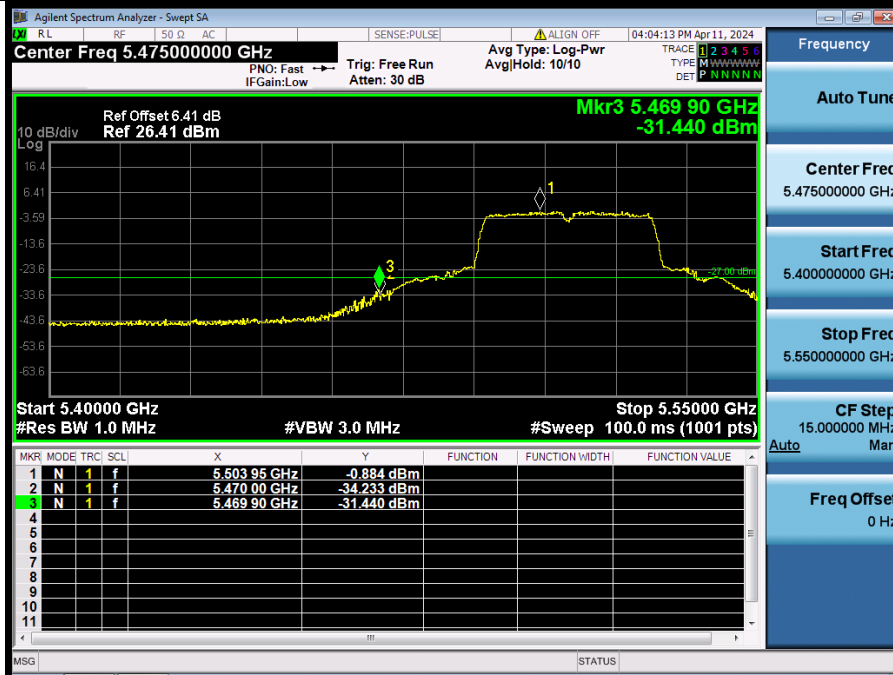
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5500



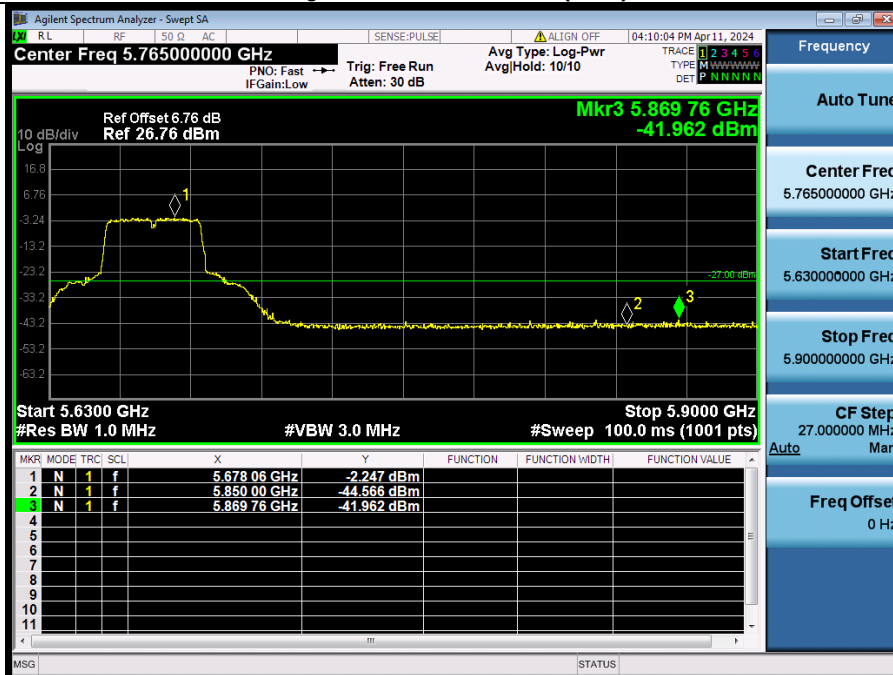
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5700



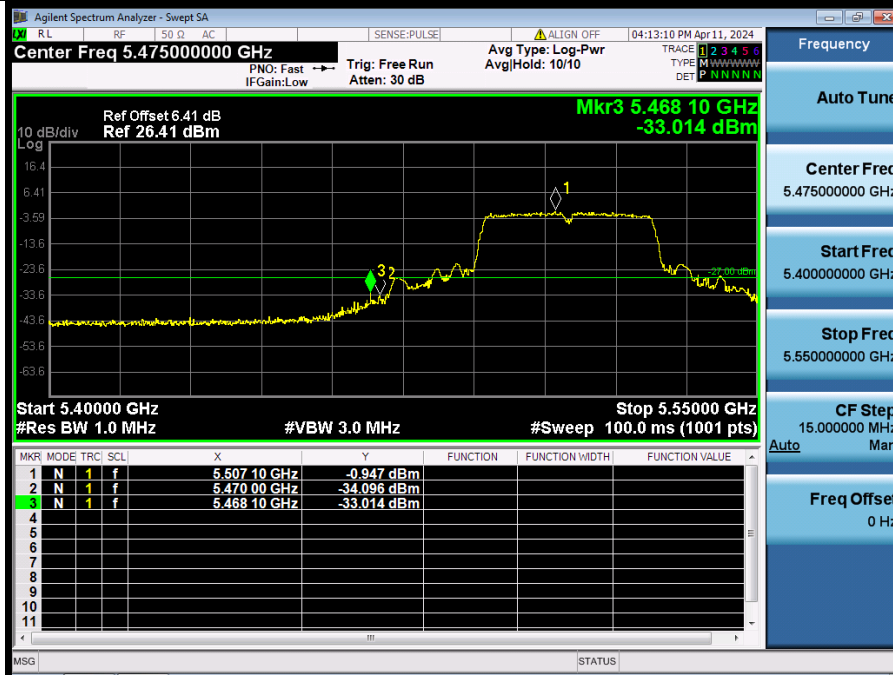
Bandedge_NVNT_ANT1_802_11n(HT40)_5510



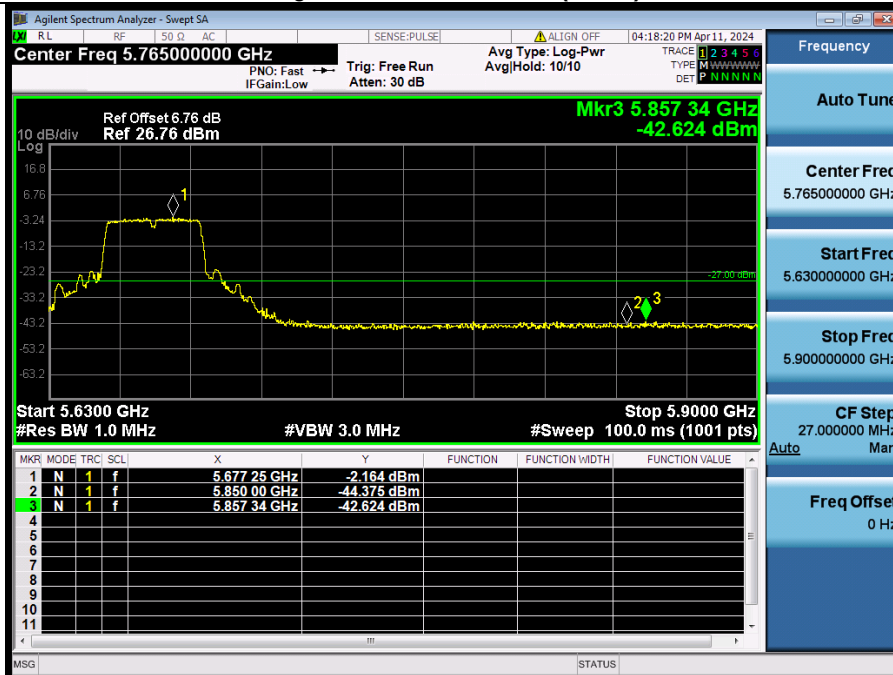
Bandedge_NVNT_ANT1_802_11n(HT40)_5670



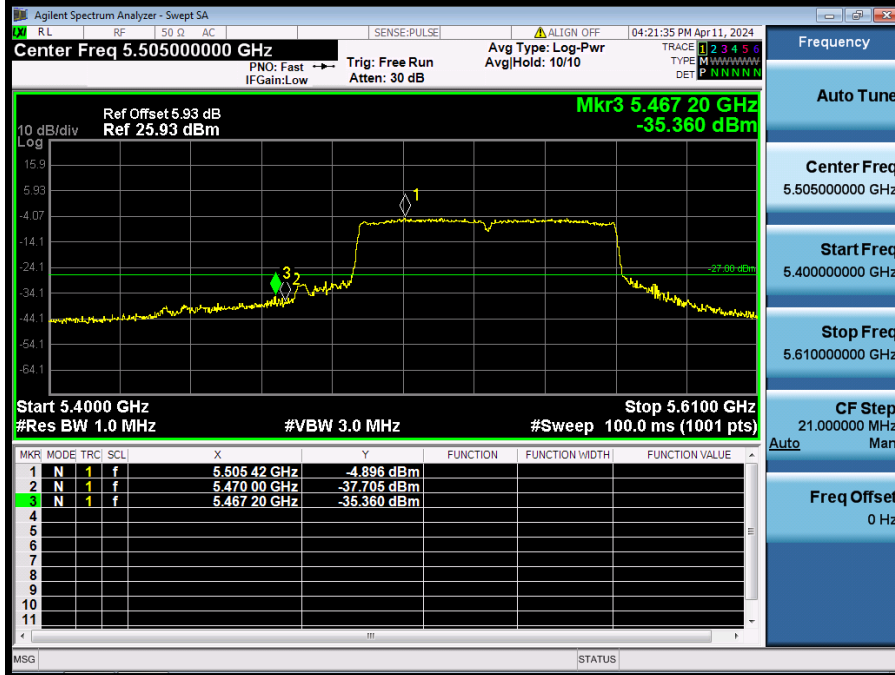
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5510



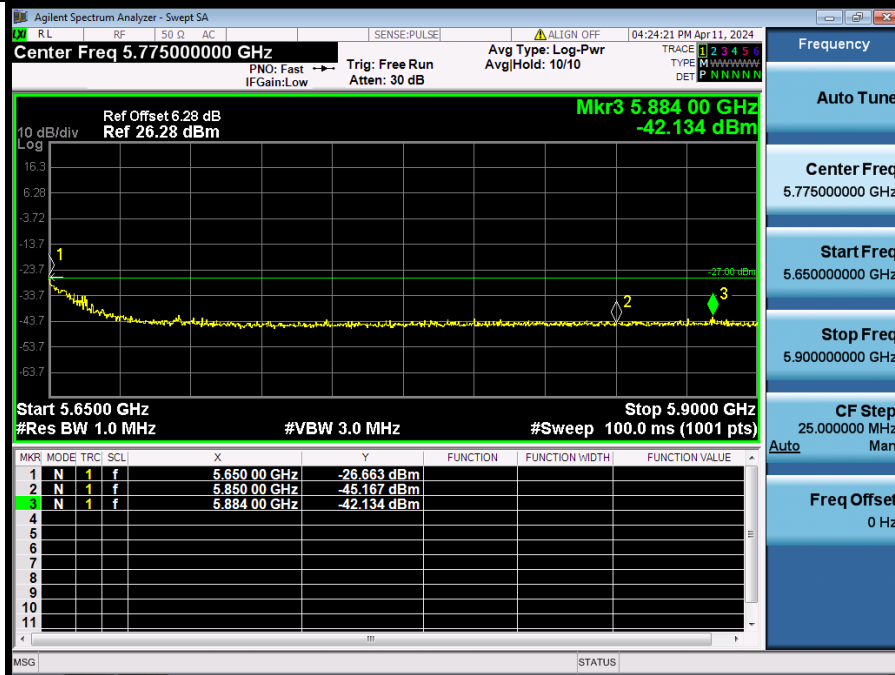
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5670



Bandedge_NVNT_ANT1_802_11ac(VHT80)_5530



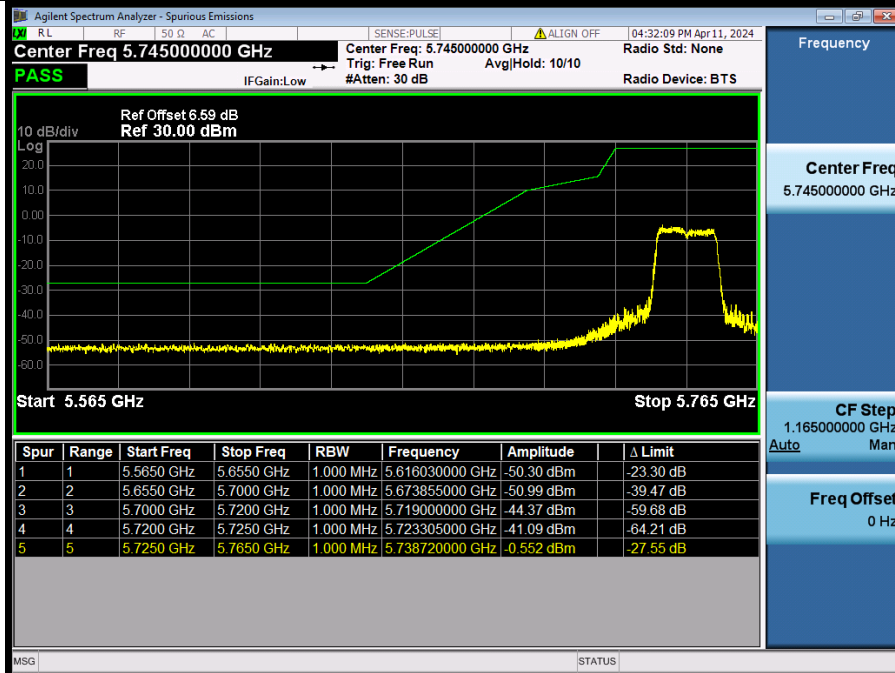
Bandedge_NVNT_ANT1_802_11ac(VHT80)_5610



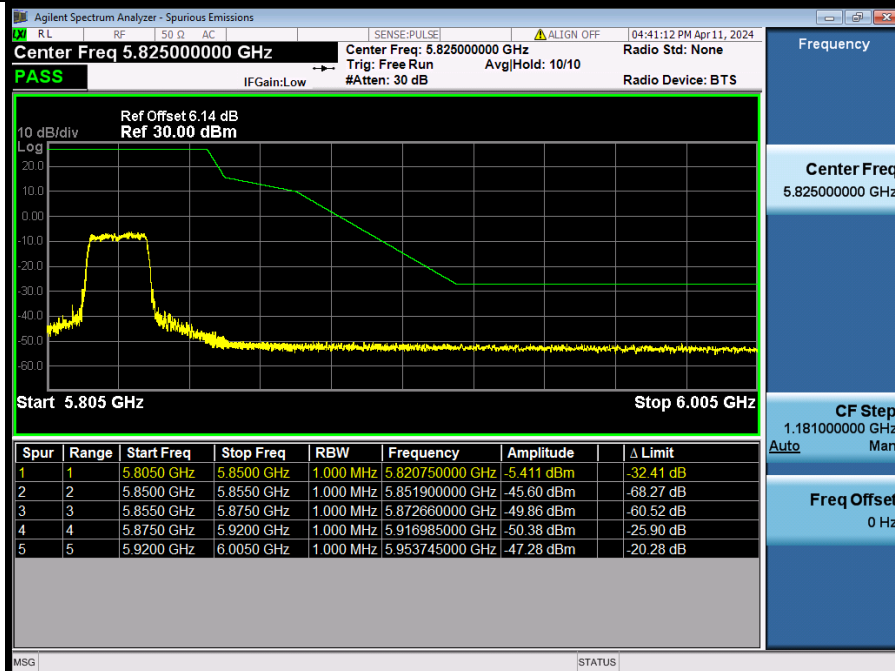
UNII-3

Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5616.030	-50.30	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5673.855	-50.99	-11.50	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5719.000	-44.37	15.32	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5723.305	-41.09	23.14	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5851.900	-45.60	22.67	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5872.660	-49.86	10.66	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5916.985	-50.38	-24.52	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5953.745	-47.28	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5594.970	-50.78	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5662.200	-50.66	-21.08	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5718.840	-45.50	15.28	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5721.670	-41.33	19.41	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5851.725	-45.60	23.07	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5872.420	-49.75	10.72	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5918.785	-50.40	-26.00	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5964.285	-45.90	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5565-5655	5570.220	-50.61	-27.00	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5655-5700	5656.080	-51.07	-26.11	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5700-5720	5718.960	-45.20	15.31	Pass
NVNT	ANT1	802.11ac(VHT20)	LCH	5720-5725	5723.745	-39.20	24.14	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5850-5855	5853.360	-44.85	19.34	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5855-5875	5873.660	-49.59	10.38	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5875-5920	5903.485	-50.34	-13.42	Pass
NVNT	ANT1	802.11ac(VHT20)	HCH	5920-6005	5993.780	-44.86	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5616.840	-50.78	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5690.640	-49.83	2.30	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5718.660	-40.51	15.22	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5721.395	-39.50	18.78	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5854.525	-48.83	16.68	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5873.180	-49.48	10.51	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5904.070	-49.45	-13.90	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5924.025	-45.16	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5595-5655	5651.760	-50.81	-27.00	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5655-5700	5673.315	-50.52	-11.94	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5700-5720	5719.920	-38.31	15.58	Pass
NVNT	ANT1	802.11ac(VHT40)	LCH	5720-5725	5721.760	-40.79	19.61	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5850-5855	5854.015	-49.46	17.85	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5855-5875	5871.540	-49.80	10.97	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5875-5920	5911.900	-50.05	-20.34	Pass
NVNT	ANT1	802.11ac(VHT40)	HCH	5920-5955	5942.225	-44.48	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5650-5655	5650.215	-50.09	-27.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5655-5700	5687.625	-47.67	-0.18	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5700-5720	5705.600	-45.05	11.57	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5720-5725	5720.190	-42.40	16.03	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5850-5855	5854.895	-49.13	15.84	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5855-5875	5870.240	-48.92	11.33	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5875-5920	5916.355	-50.27	-24.00	Pass
NVNT	ANT1	802.11ac(VHT80)	MCH	5920-5925	5924.385	-46.69	-27.00	Pass

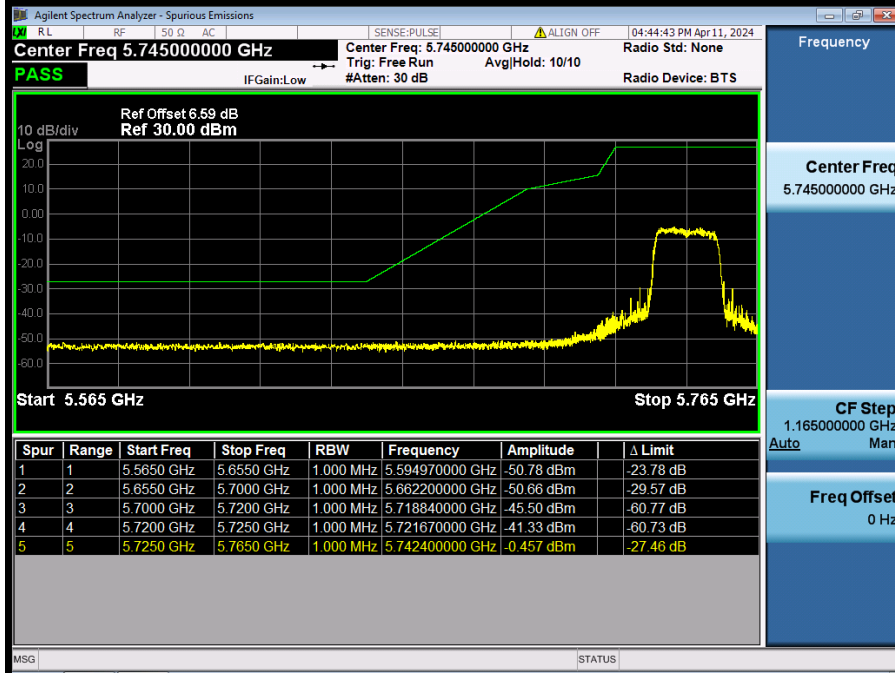
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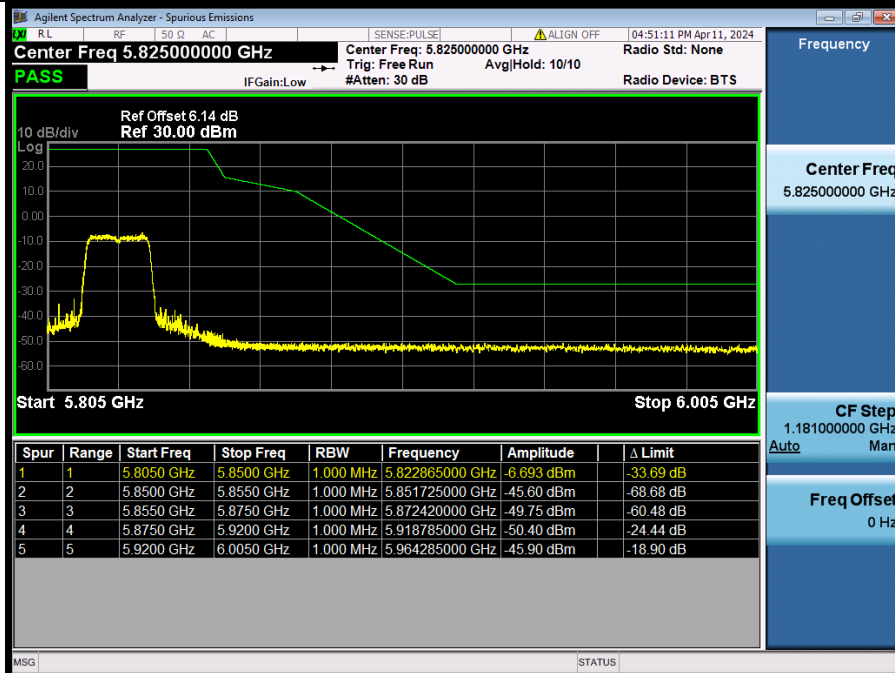
Bandedge NVNT_ANT1_802_11a_5825



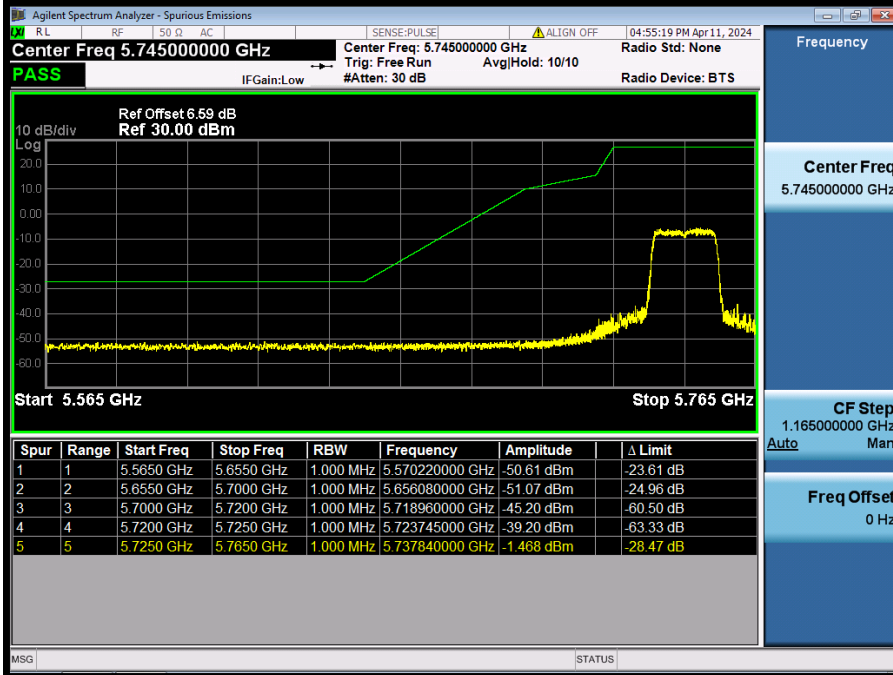
Bandedge_NVNT_ANT1_802_11n(HT20)_5745



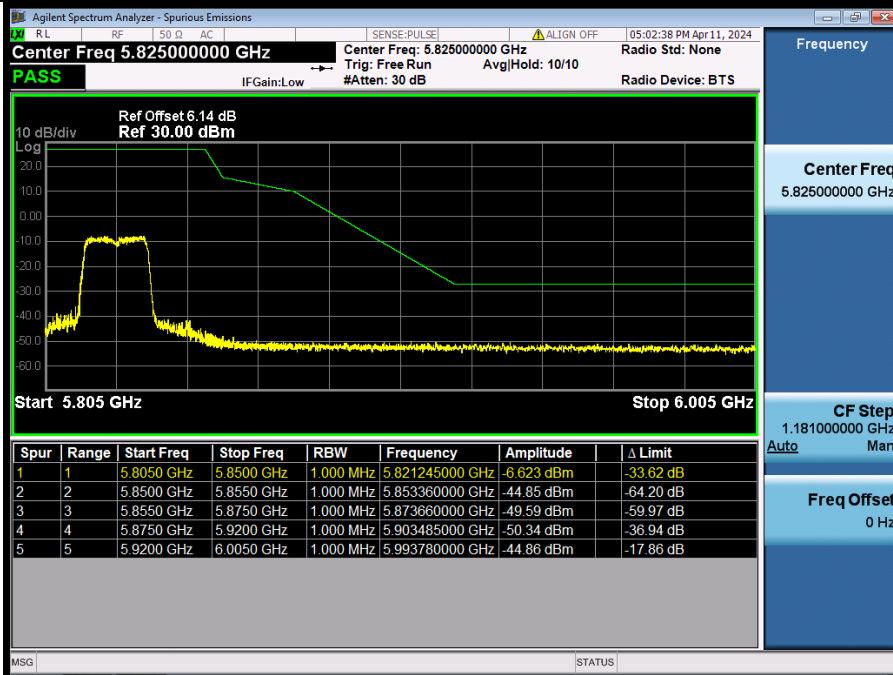
Bandedge_NVNT_ANT1_802_11n(HT20)_5825



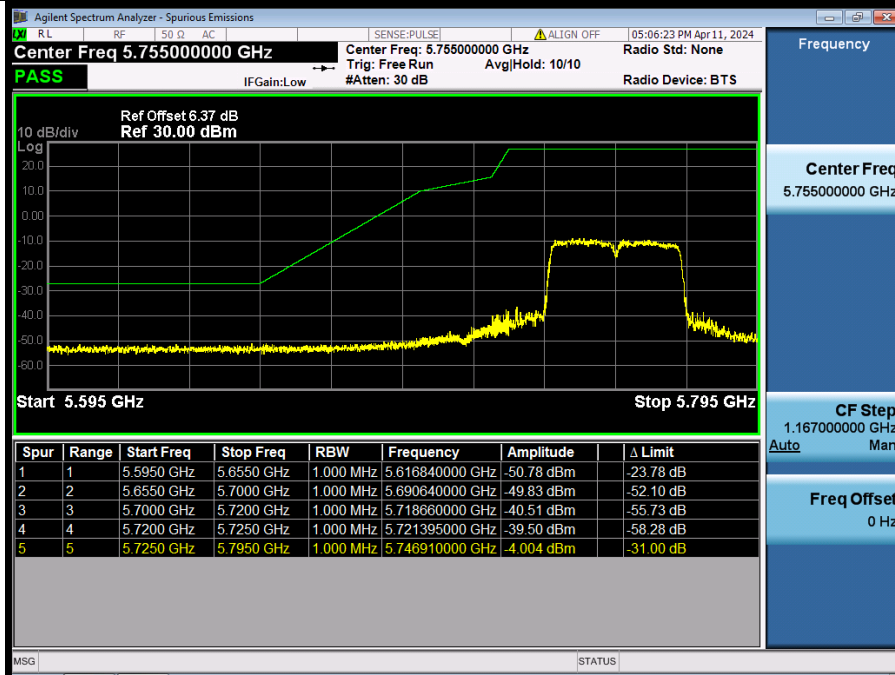
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5745



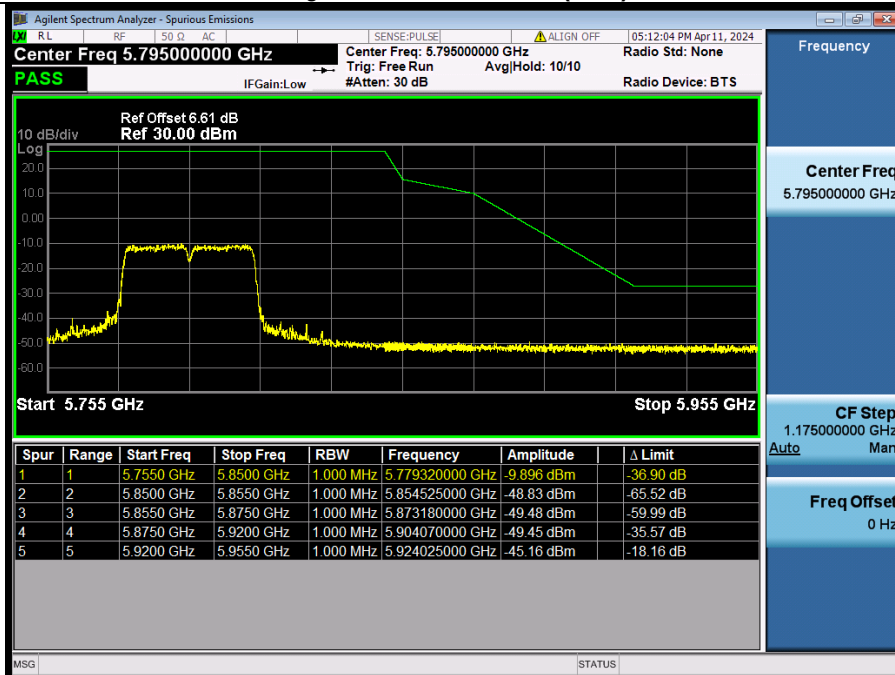
Bandedge_NVNT_ANT1_802_11ac(VHT20)_5825



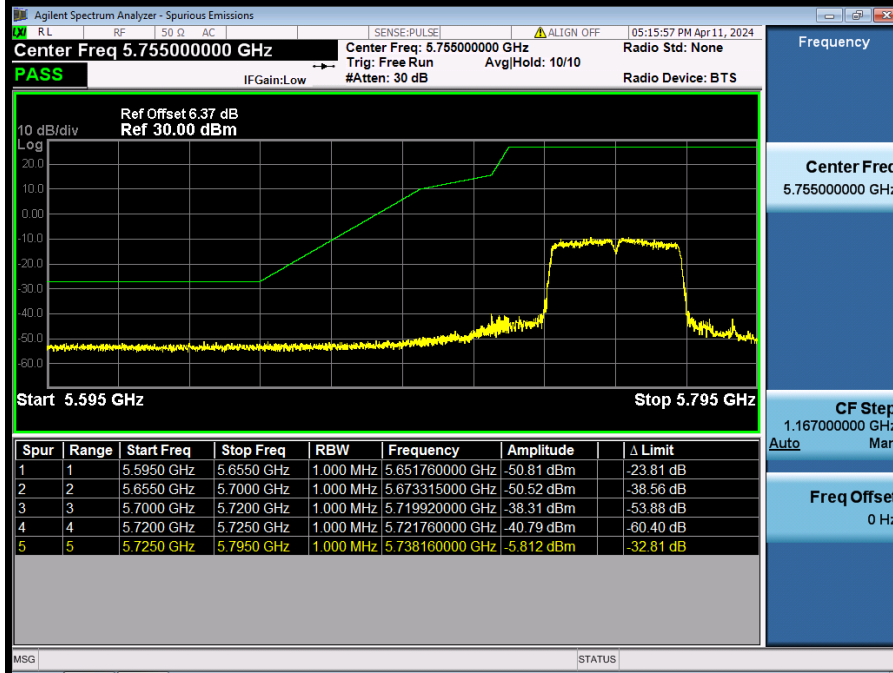
Bandedge_NVNT_ANT1_802_11n(HT40)_5755



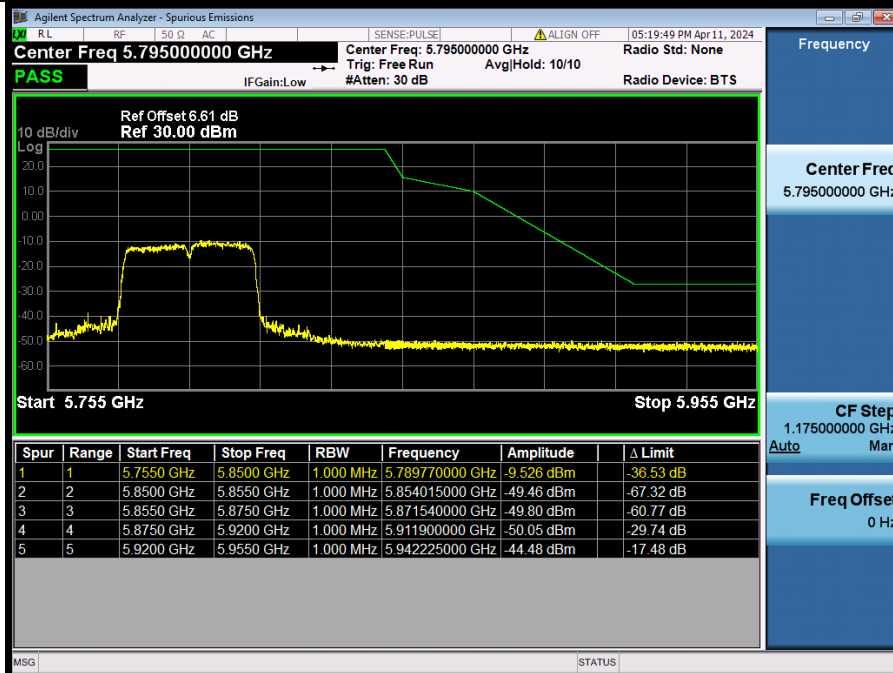
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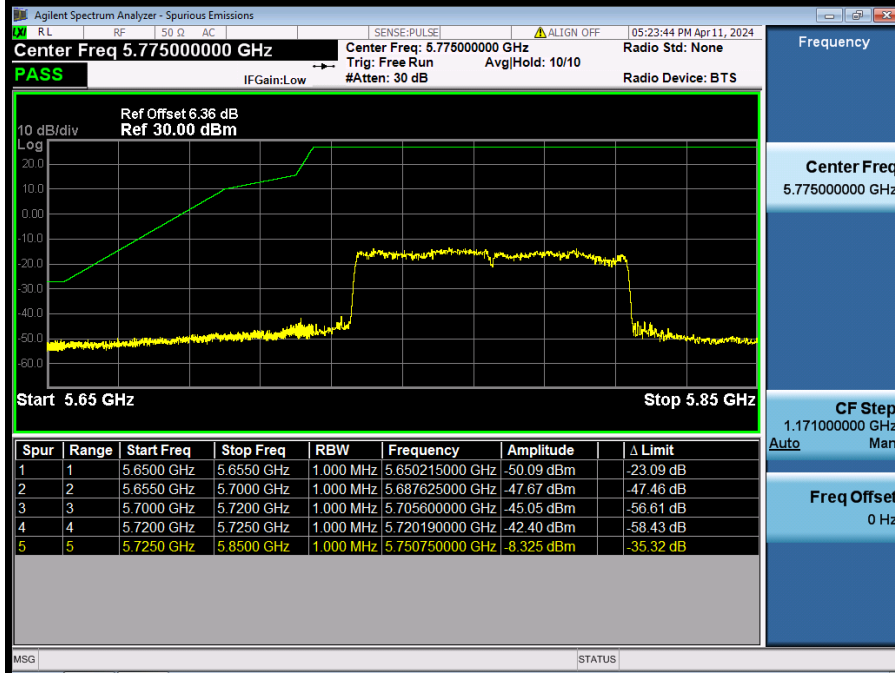
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5755



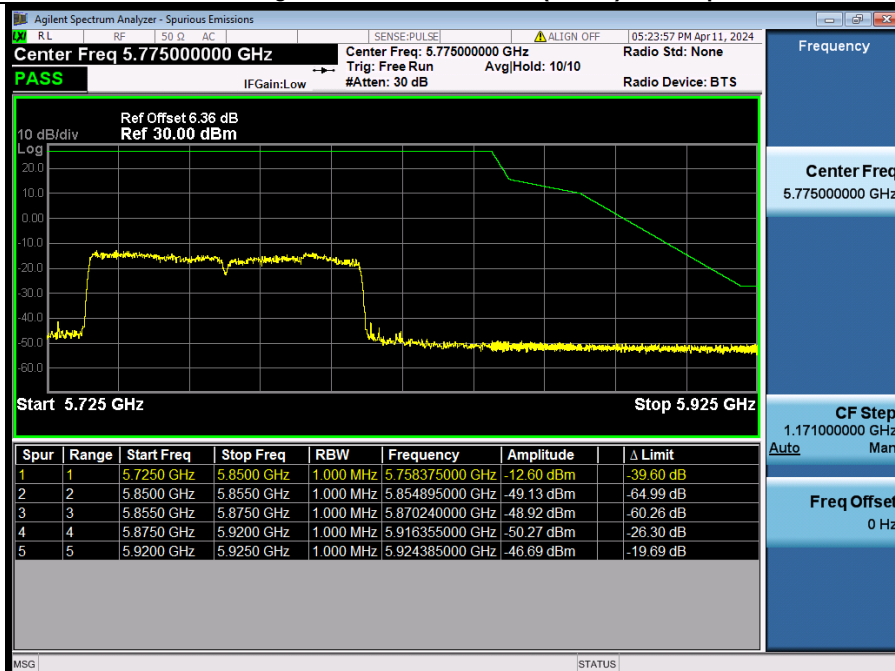
Bandedge_NVNT_ANT1_802_11ac(VHT40)_5795



Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_low



Bandedge_NVNT_ANT1_802_11ac(VHT80)_5775_up



ABOVE 1000 MHz

Note: All the modes have been tested and recorded worst mode in the report.

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11A Channel 36 / 5180 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10351	H	48.31	---	9.03	57.34	---	74	54	-16.66
15523	H	40.32	---	9.87	50.19	---	74	54	-3.81
---	H	---	---	---	---	---	---	---	---
10355	V	45.39	---	9.03	54.42	---	74	54	-19.58
15542	V	40.27	---	9.88	50.15	---	74	54	-3.85
---	V	---	---	---	---	---	---	---	---
11A Channel 40 / 5200 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10401	H	44.87	---	9.09	53.96	---	74	54	-20.04
15600	H	41.02	---	9.91	50.93	---	74	54	-3.07
---	H	---	---	---	---	---	---	---	---
10401	V	45.35	---	9.09	54.44	---	74	54	-19.56
15600	V	40.98	---	9.91	50.89	---	74	54	-4.11
---	V	---	---	---	---	---	---	---	---
11A Channel 48 / 5240 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10480	H	43.75	---	9.24	52.99	---	74	54	-21.01
15722	H	40.48	---	10.01	50.49	---	74	54	-3.51
---	H	---	---	---	---	---	---	---	---
10480	V	44.35	---	9.24	53.59	---	74	54	-20.41
15722	V	38.37	---	10.01	48.38	---	74	54	-5.62
---	V	---	---	---	---	---	---	---	---

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11A Channel 52 / 5260 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10521	H	44.82	---	9.44	54.26	---	74	54	-19.74
15781	H	41.82	---	10.12	51.94	---	74	54	-2.06
---	H	---	---	---	---	---	---	---	---
10523	V	46.35	---	9.46	55.81	---	74	54	-18.19
15782	V	39.58	---	10.13	49.71	---	74	54	-4.29
---	V	---	---	---	---	---	---	---	---
11A Channel 56 / 5280 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10561	H	44.69	---	9.51	54.20	---	74	54	-19.8
15842	H	38.92	---	10.51	49.43	---	74	54	-4.57
---	H	---	---	---	---	---	---	---	---
10561	V	48.36	---	9.51	57.87	---	74	54	-16.13
15841	V	37.99	---	10.49	48.48	---	74	54	-6.52
---	V	---	---	---	---	---	---	---	---
11A Channel 64 / 5320 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10641	H	46.68	---	9.63	56.31	---	74	54	-17.69
15961	H	36.97	---	11.25	48.22	---	74	54	-6.78
---	H	---	---	---	---	---	---	---	---
10642	V	46.97	---	9.63	56.60	---	74	54	-17.40
15959	V	35.87	---	11.23	47.10	---	74	54	-7.90
---	V	---	---	---	---	---	---	---	---

UNII-2C

11A Channel 100 / 5500 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10451	H	45.84	---	9.15	54.99	---	74	54	-19.01
15799	H	40.12	---	10.25	50.37	---	74	54	-3.63
---	H	---	---	---	---	---	---	---	---
10758	V	47.81	---	9.99	57.80	---	74	54	-16.20
15836	V	39.28	---	10.95	50.23	---	74	54	-3.77
---	V	---	---	---	---	---	---	---	---
11A Channel 116 / 5580 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10793	H	45.96	---	10.01	55.97	---	74	54	-18.03
15902	H	39.24	---	10.79	50.03	---	74	54	-3.97
---	H	---	---	---	---	---	---	---	---
10963	V	47.92	---	10.05	57.97	---	74	54	-16.03
15991	V	38.31	---	11.93	50.24	---	74	54	-3.76
---	V	---	---	---	---	---	---	---	---
11A Channel 140 / 5700 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
10789	H	48.35	---	10.00	58.35	---	74	54	-15.65
16999	H	36.08	---	12.04	48.12	---	74	54	-5.88
---	H	---	---	---	---	---	---	---	---
10853	V	47.28	---	10.12	57.40	---	74	54	-16.60
16014	V	37.35	---	11.32	48.67	---	74	54	-5.33
---	V	---	---	---	---	---	---	---	---

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11A Channel 149 / 5745 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
11491	H	48.34	---	9.81	58.15	---	74	54	-15.85
17236	H	37.24	---	12.96	50.20	---	74	54	-3.80
---	H	---	---	---	---	---	---	---	---
11493	V	45.21	---	9.81	55.02	---	74	54	-18.98
17235	V	36.95	---	12.95	49.90	---	74	54	-4.10
---	V	---	---	---	---	---	---	---	---
11A Channel 153 / 5765 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
11531	H	44.87	---	9.91	54.78	---	74	54	-19.22
17296	H	38.62	---	13.21	51.83	---	74	54	-2.17
---	H	---	---	---	---	---	---	---	---
11532	V	46.83	---	9.92	56.75	---	74	54	-17.25
17297	V	35.02	---	13.22	48.24	---	74	54	-5.76
---	V	---	---	---	---	---	---	---	---
11A Channel 165 / 5825 MHz									
Frequency	Ant.Pol. H/V	Peak reading (dBuV)	AV reading (dBuV)	Correction Factor	Emission Level		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
11651	H	45.38	---	10.01	55.39	---	74	54	-18.61
17478	H	36.58	---	14.01	50.59	---	74	54	-3.41
---	H	---	---	---	---	---	---	---	---
11649	V	46.31	---	9.98	56.29	---	74	54	-17.71
17477	V	37.26	---	13.99	51.25	---	74	54	-2.75
---	V	---	---	---	---	---	---	---	---

Notes:

1). Radiated emissions measured in frequency range from 9 KHz~10th harmonic or 40GHz (which is less) were made with an instrument using Peak detector mode.

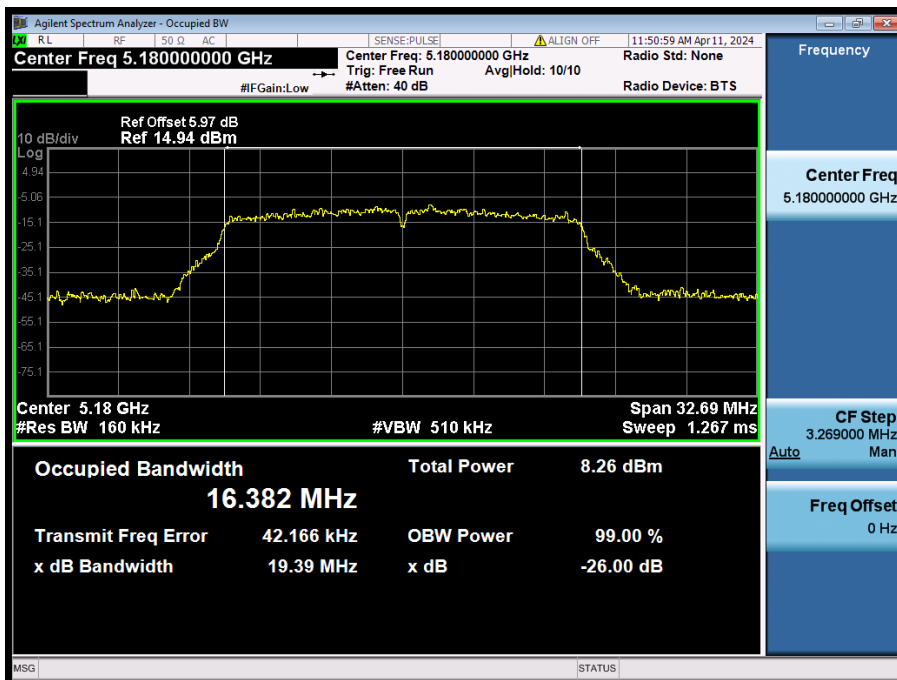
- 2). Data of measurement within this frequency range shown "---" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- 3). Worst case data at 1Mbps at IEEE 802.11a.
- 4). Measured Level = Reading Level + Factor, Margin = Measured Level – Limit

APPENDIXE -BANDWIDTH

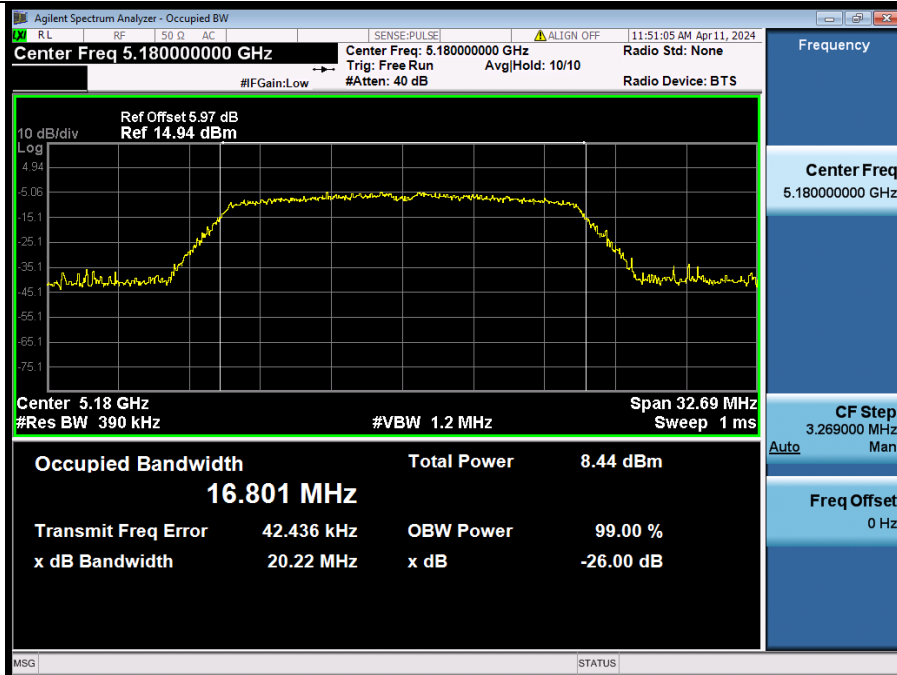
UNII-1

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
HVNT	ANT1	802.11a	5180.00	20.22	16.38
HVNT	ANT1	802.11a	5200.00	20.90	16.37
HVNT	ANT1	802.11a	5240.00	20.23	16.41
HVNT	ANT1	802.11n(HT20)	5180.00	23.80	17.56
HVNT	ANT1	802.11n(HT20)	5200.00	23.73	17.55
HVNT	ANT1	802.11n(HT20)	5240.00	21.10	17.59
HVNT	ANT1	802.11ac(VHT20)	5180.00	24.44	17.54
HVNT	ANT1	802.11ac(VHT20)	5200.00	23.97	17.55
HVNT	ANT1	802.11ac(VHT20)	5240.00	21.14	17.57
HVNT	ANT1	802.11n(HT40)	5190.00	69.69	36.11
HVNT	ANT1	802.11n(HT40)	5230.00	55.86	35.95
HVNT	ANT1	802.11ac(VHT40)	5190.00	56.46	36.08
HVNT	ANT1	802.11ac(VHT40)	5230.00	55.42	36.05
HVNT	ANT1	802.11ac(VHT80)	5210.00	106.18	75.78

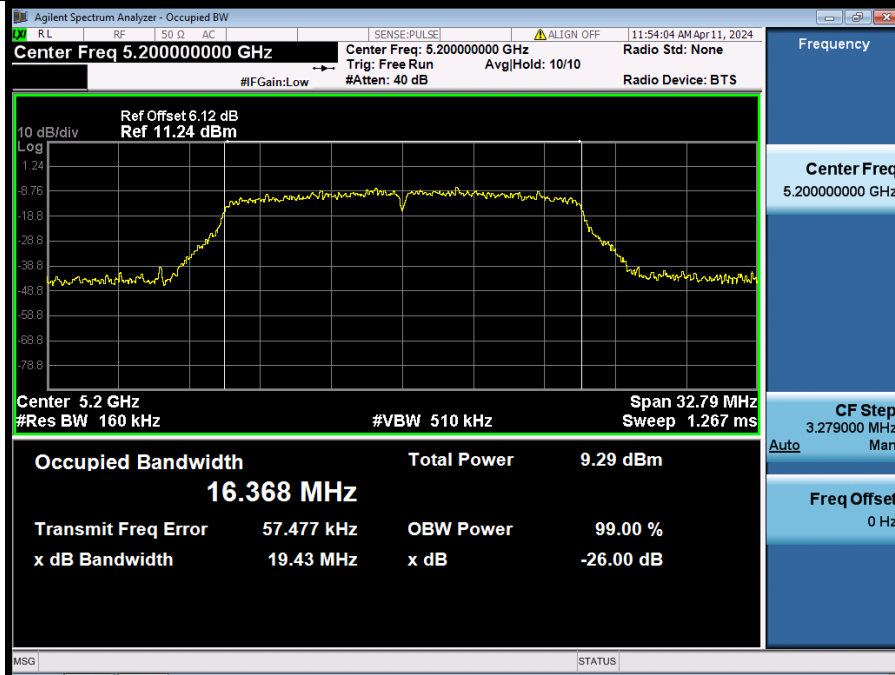
99% OCB HVNT ANT1_802_11a_5180



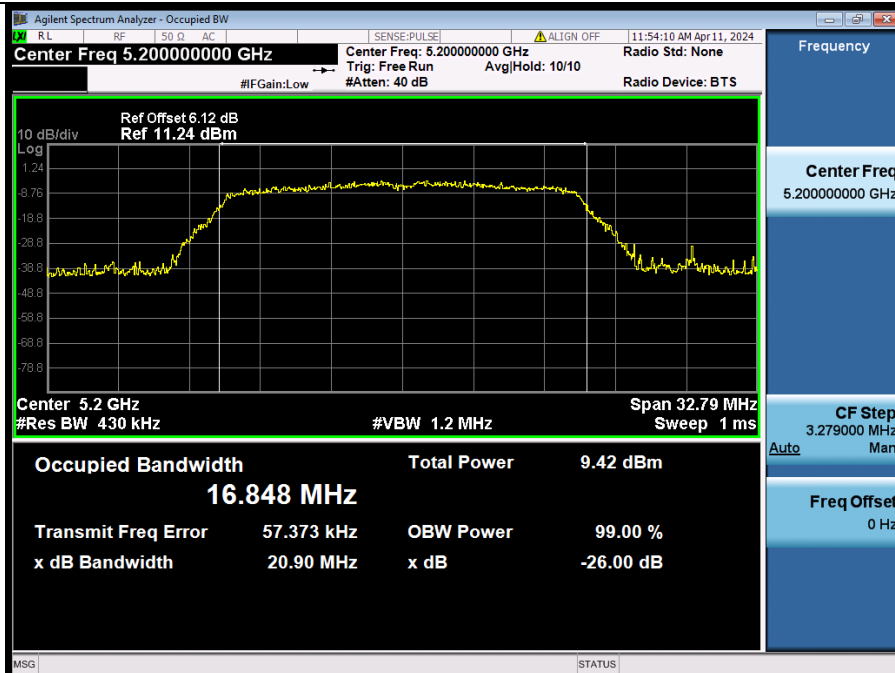
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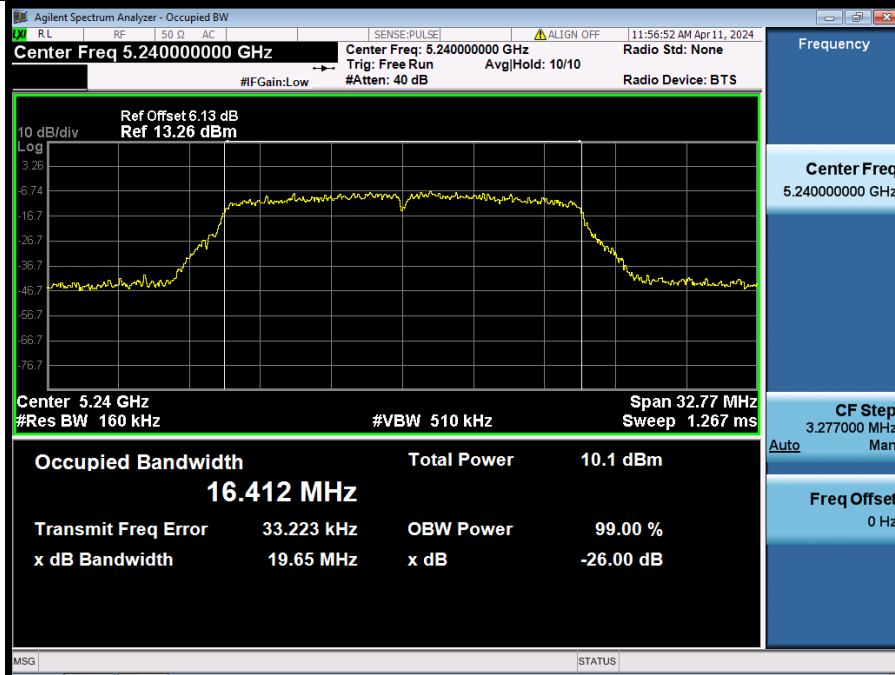
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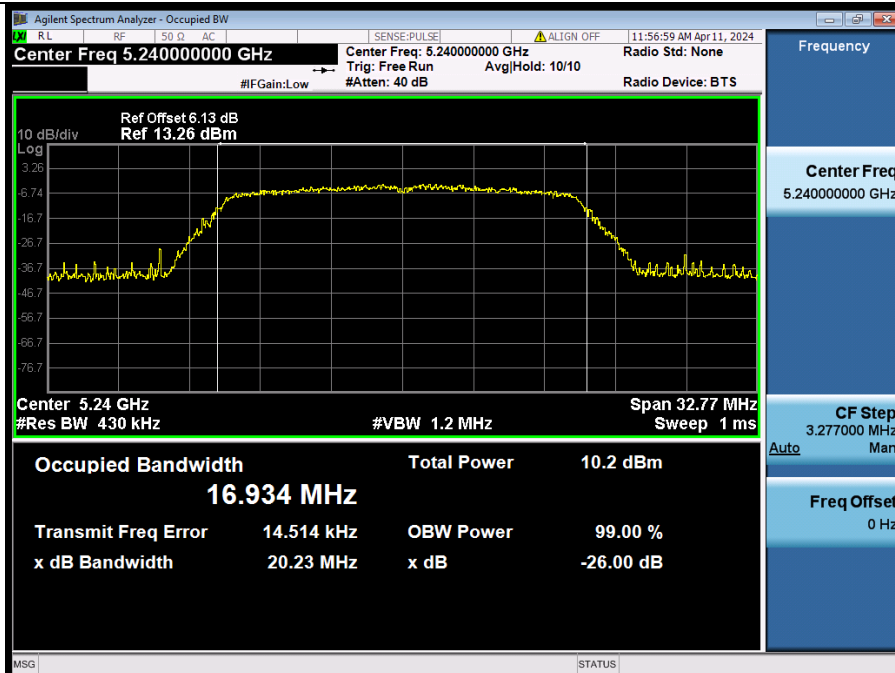
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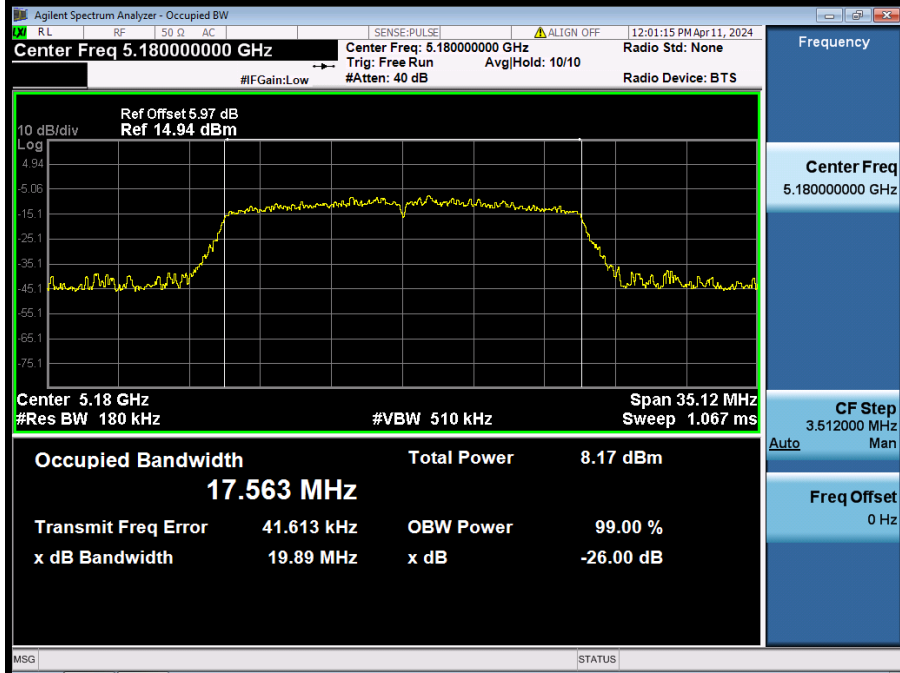
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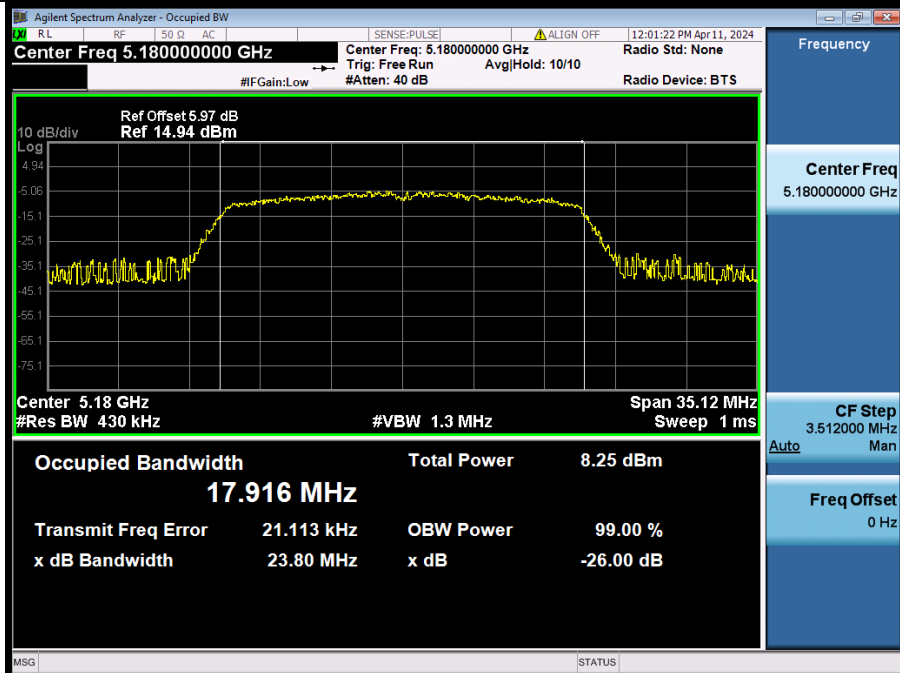
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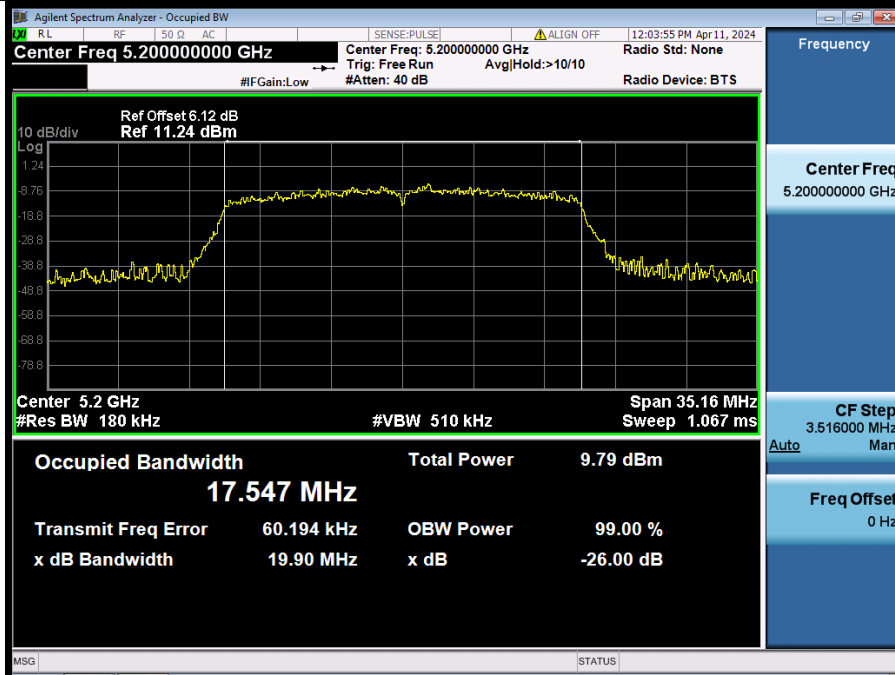
99%_OCB_HVNT_ANT1_802_11n(HT20)_5180



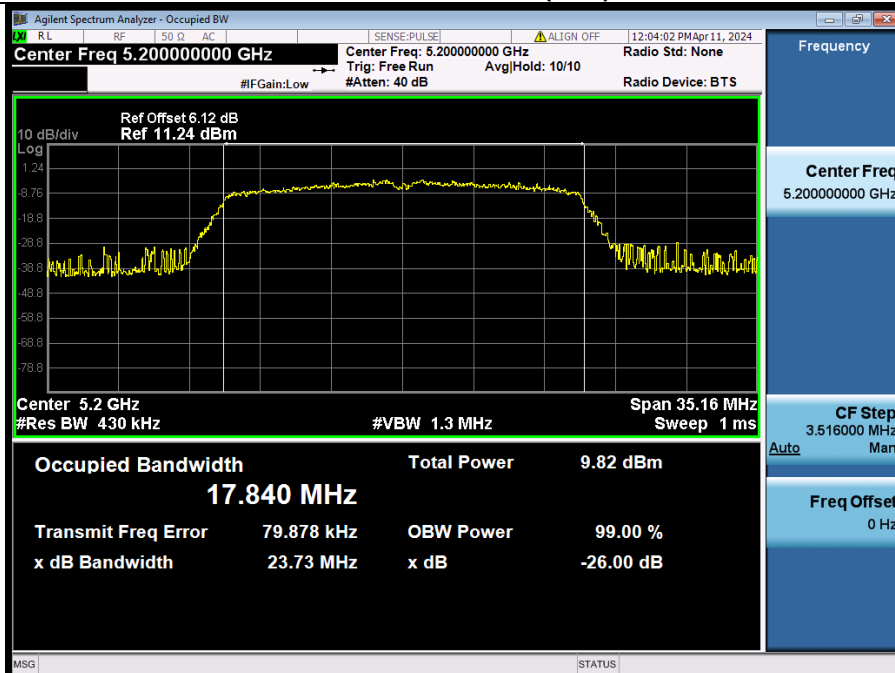
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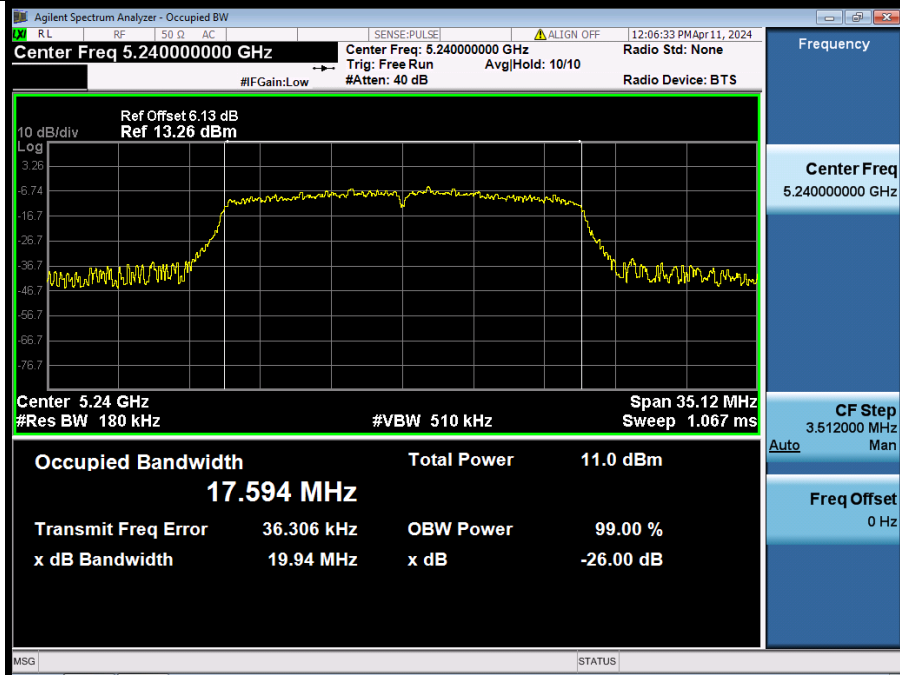
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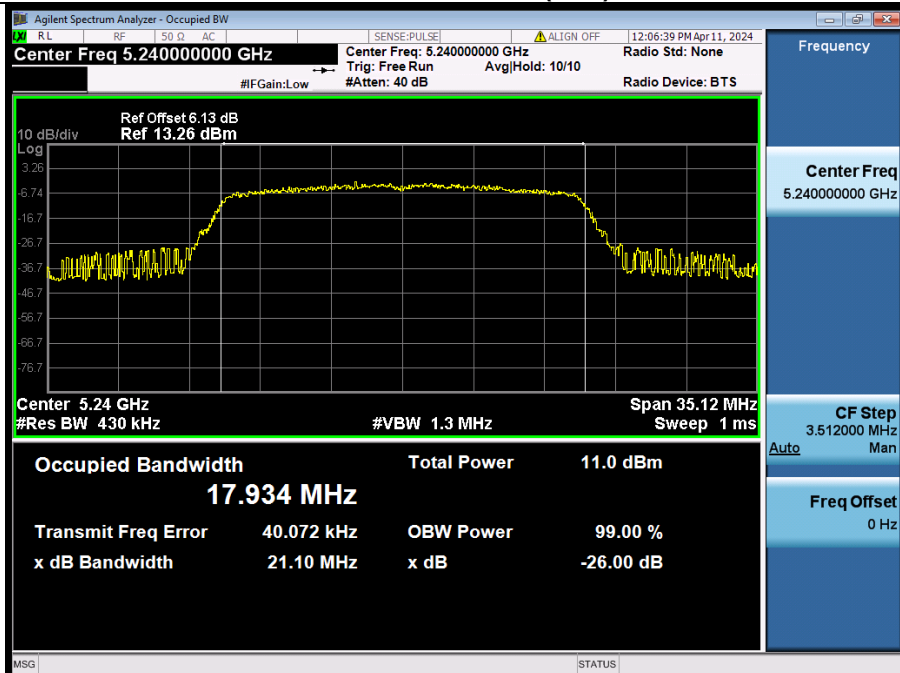
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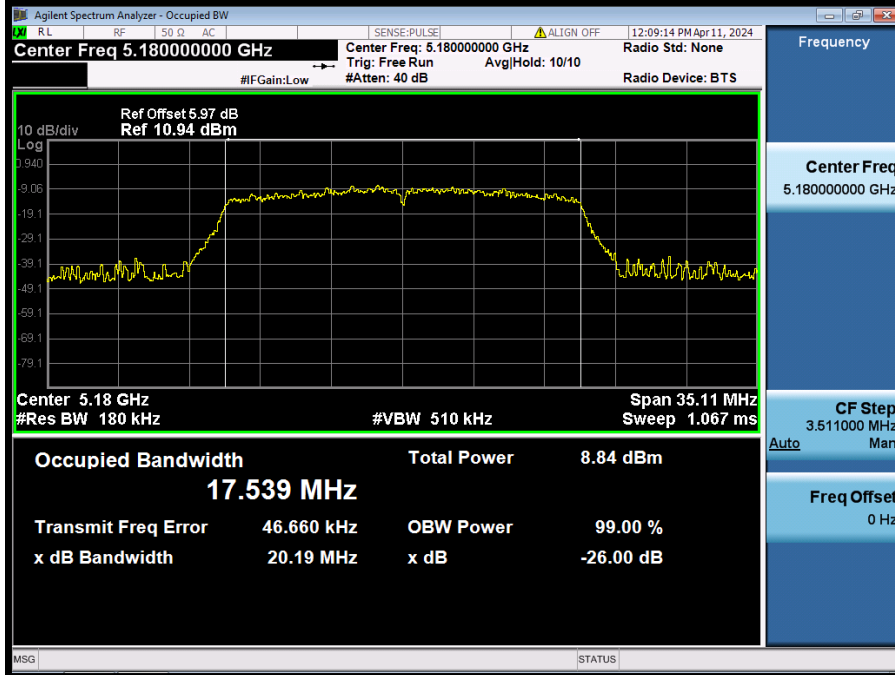
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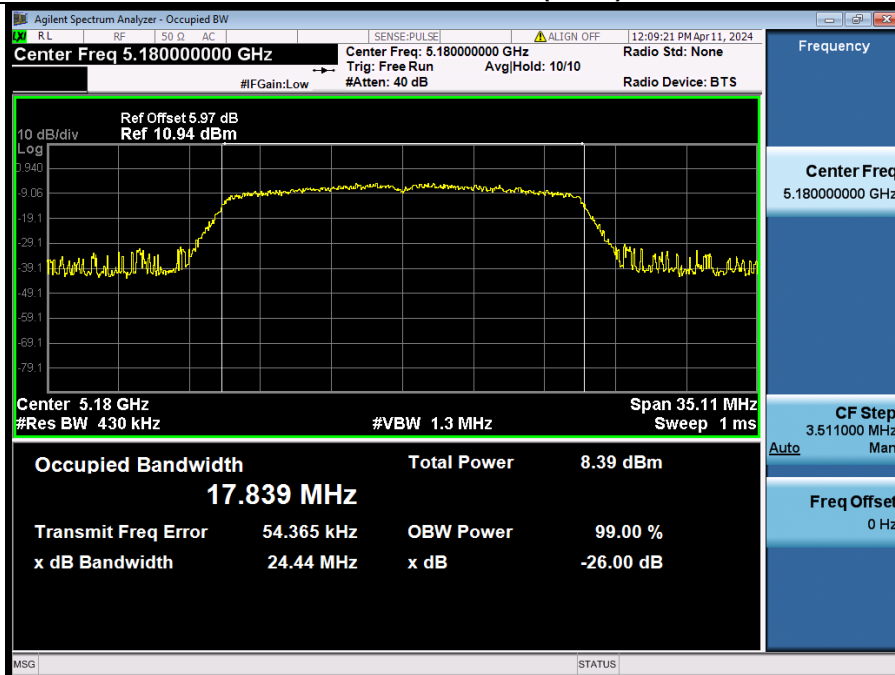
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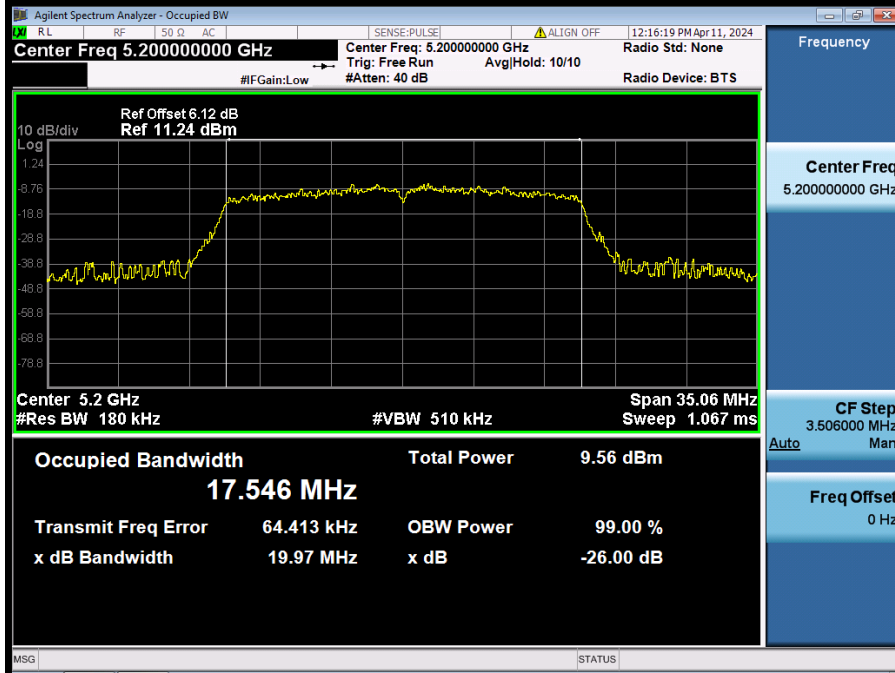
99% OCB HVNT ANT1_802_11ac(VHT20) 5180



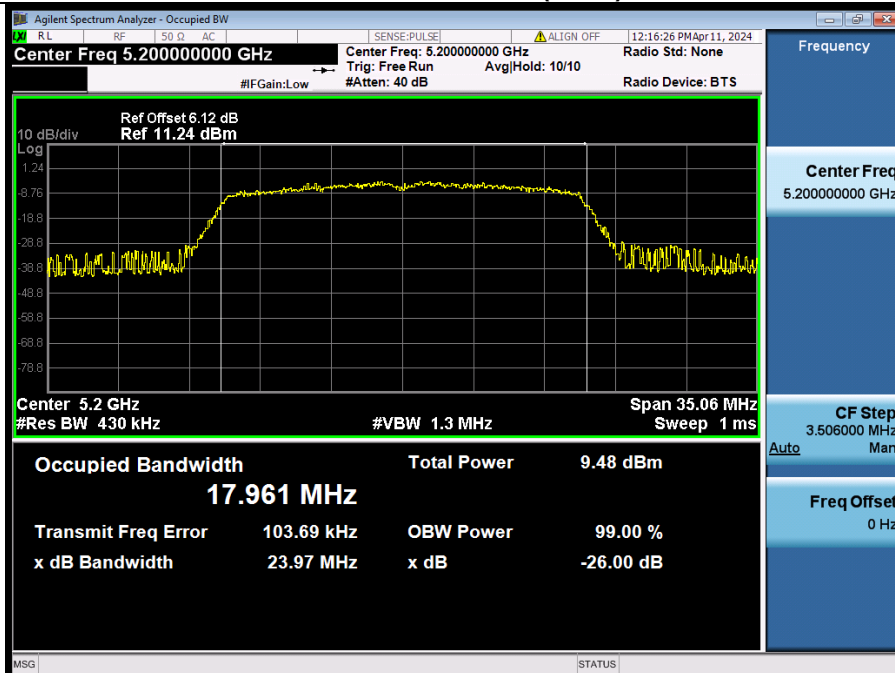
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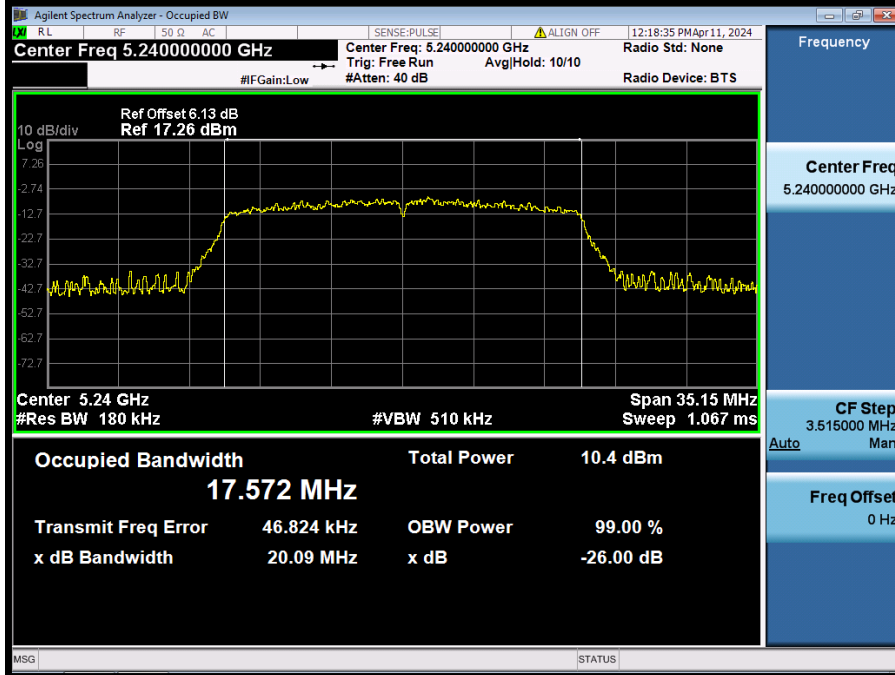
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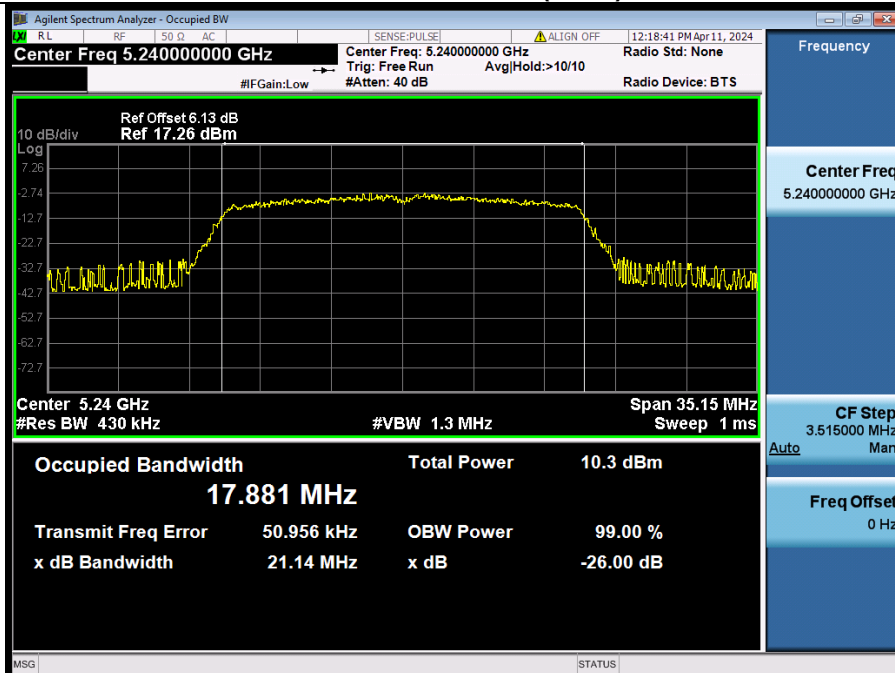
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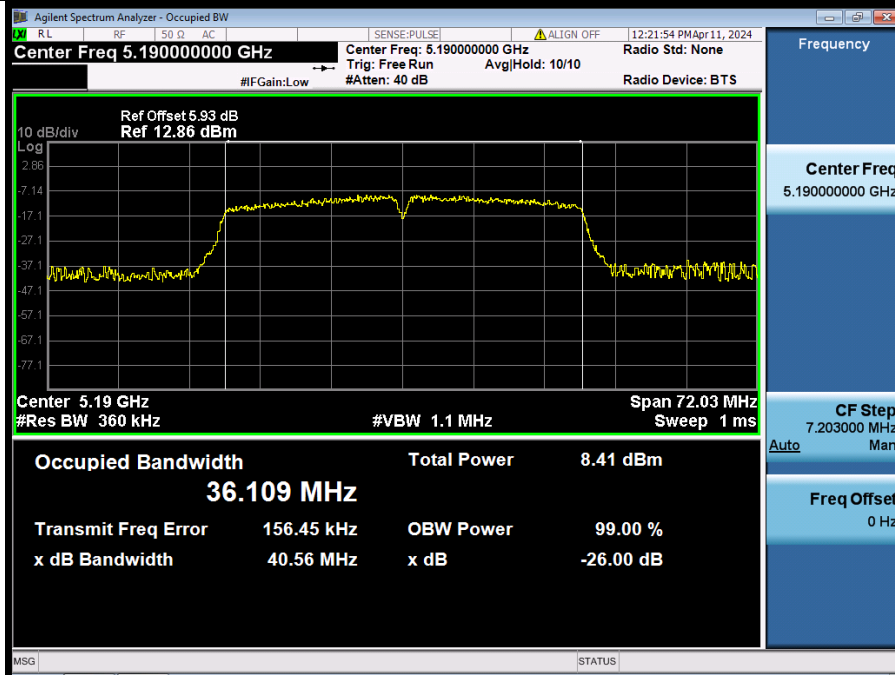
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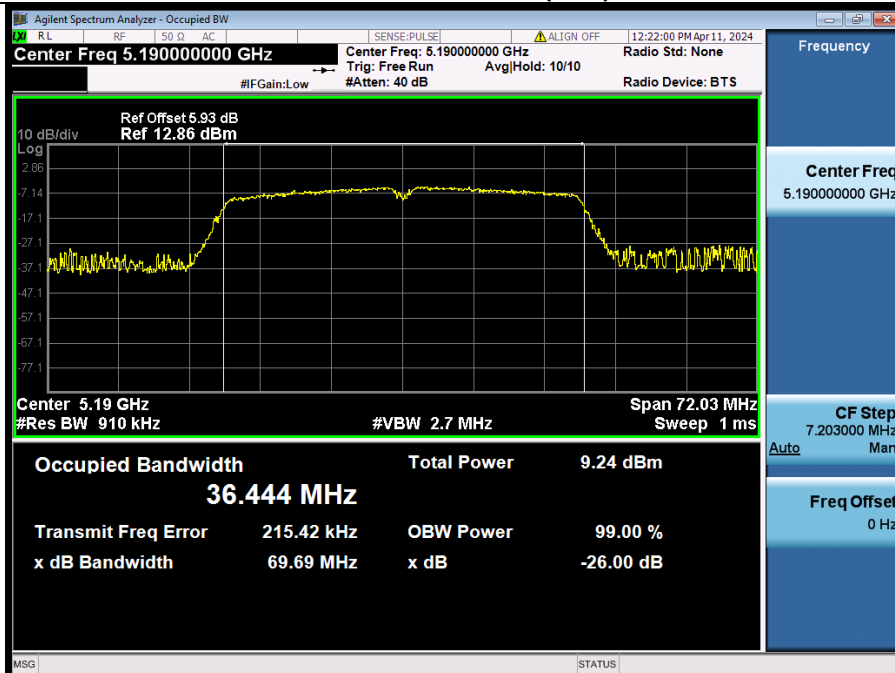
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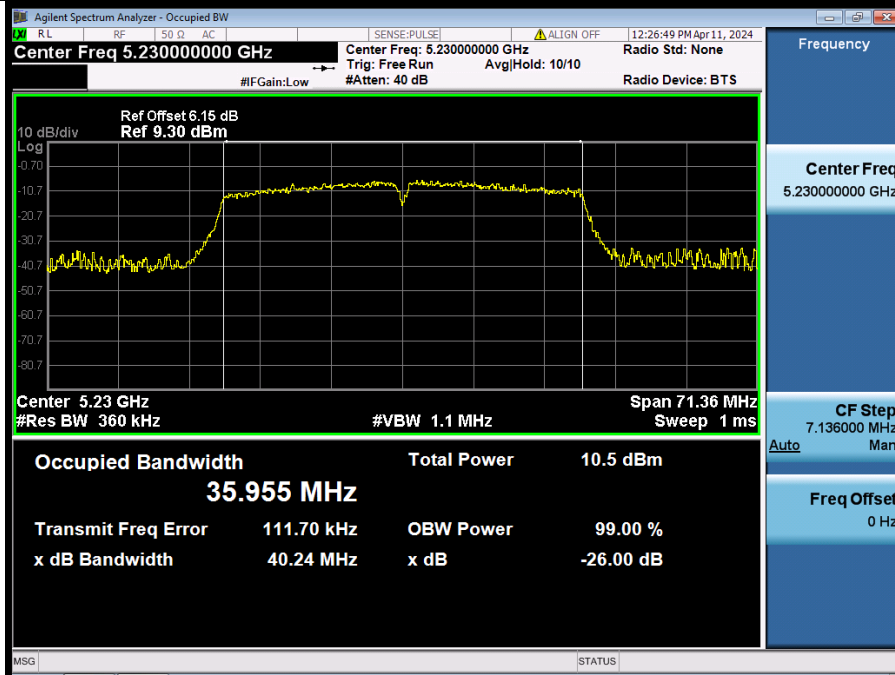
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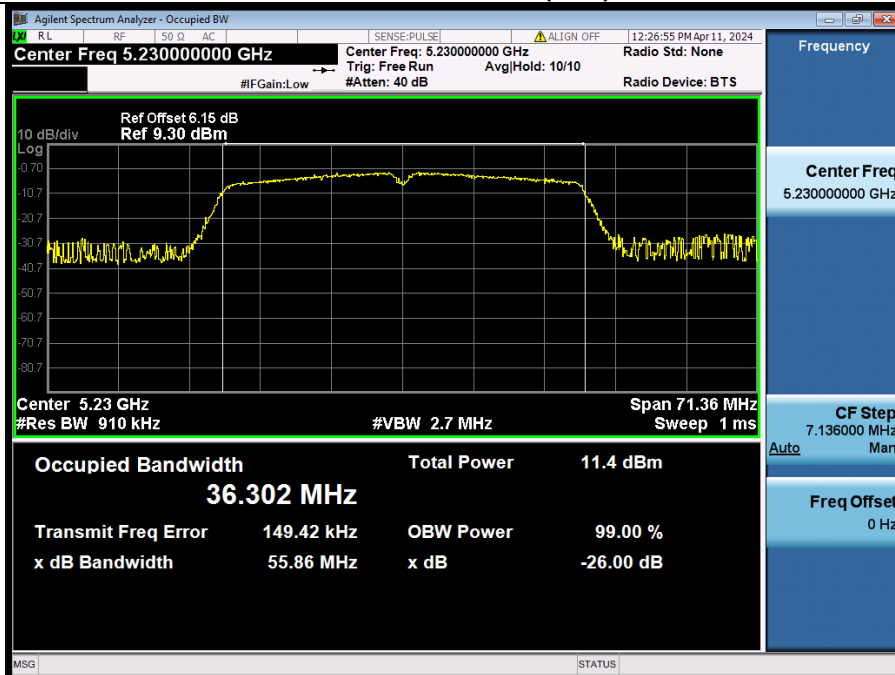
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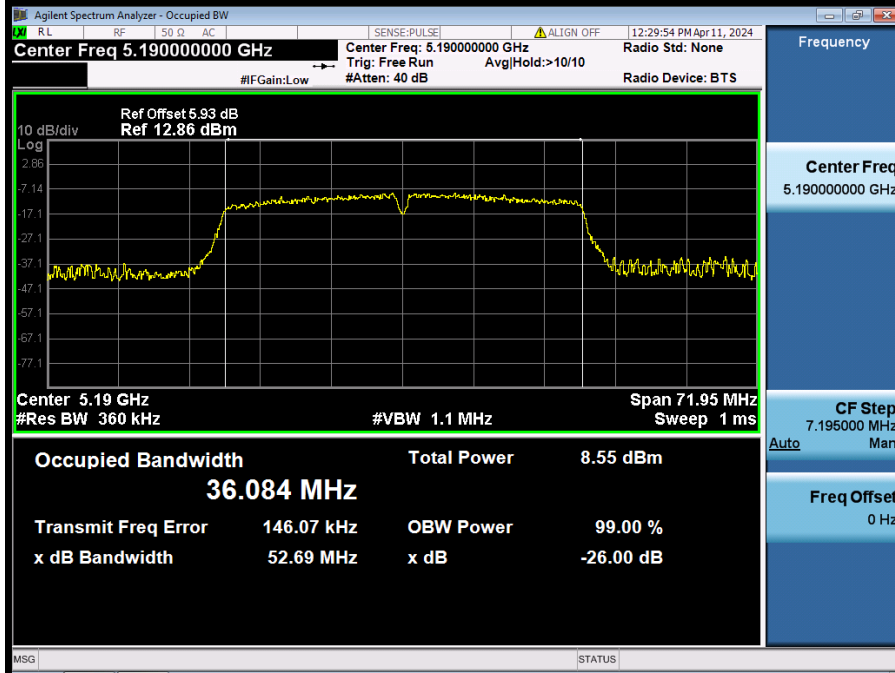
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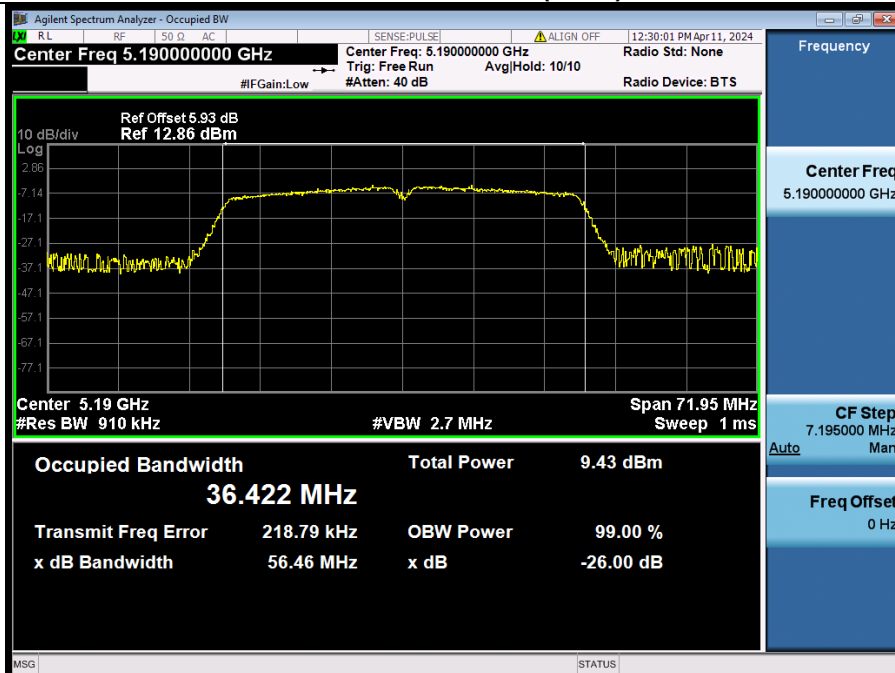
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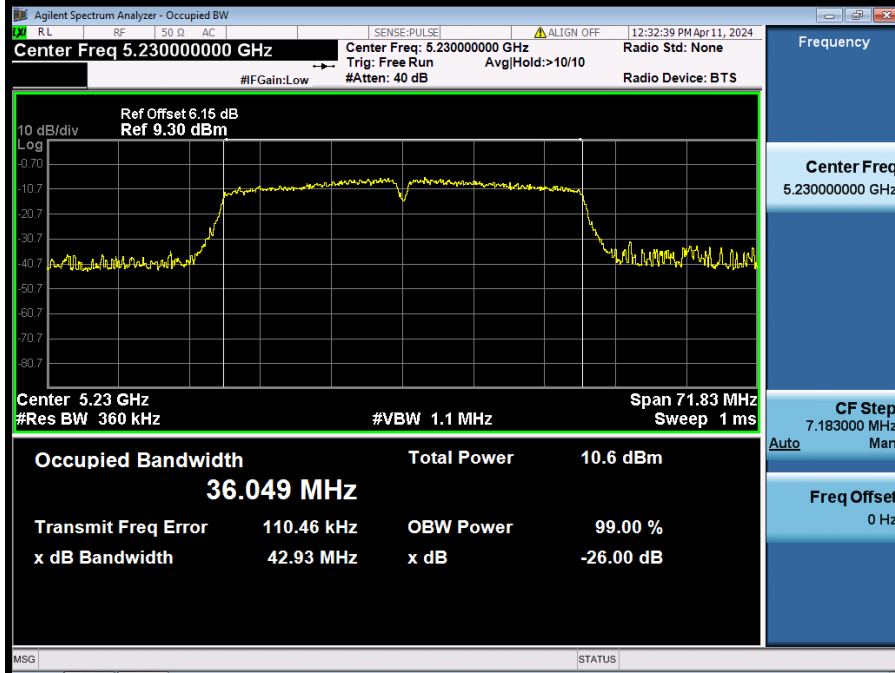
99% OCB HVNT ANT1_802_11ac(VHT40) 5190



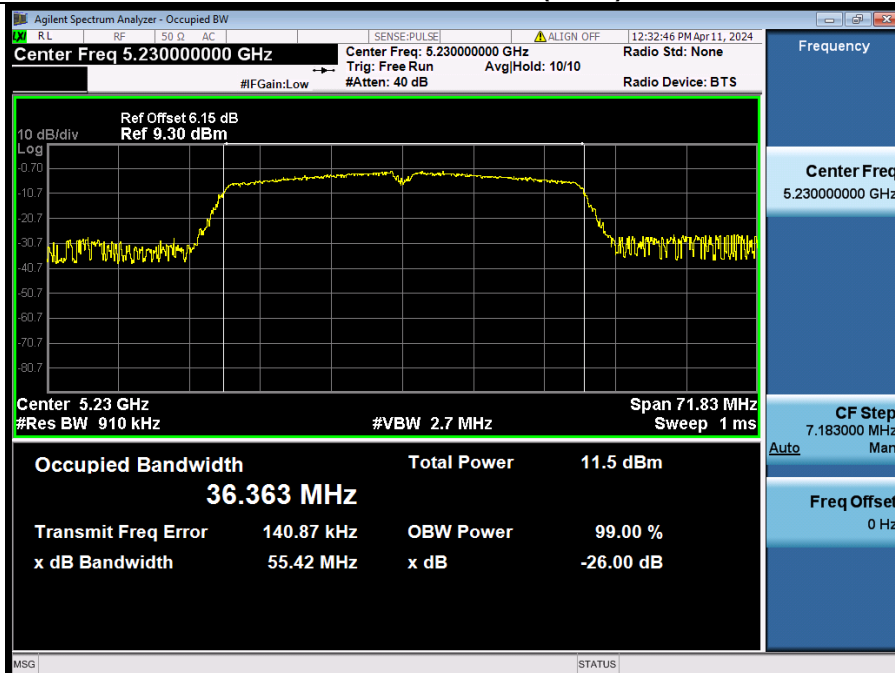
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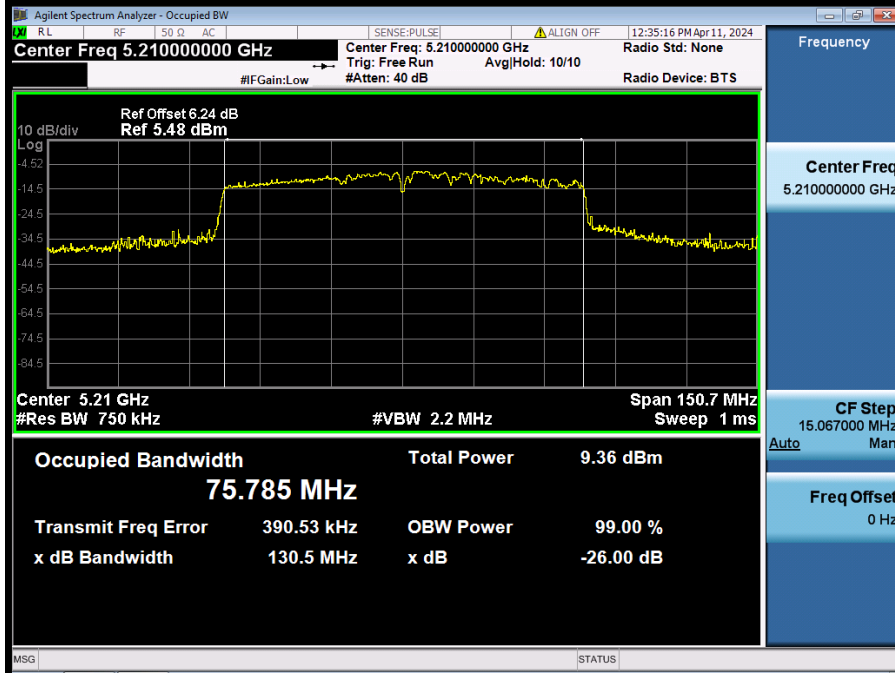
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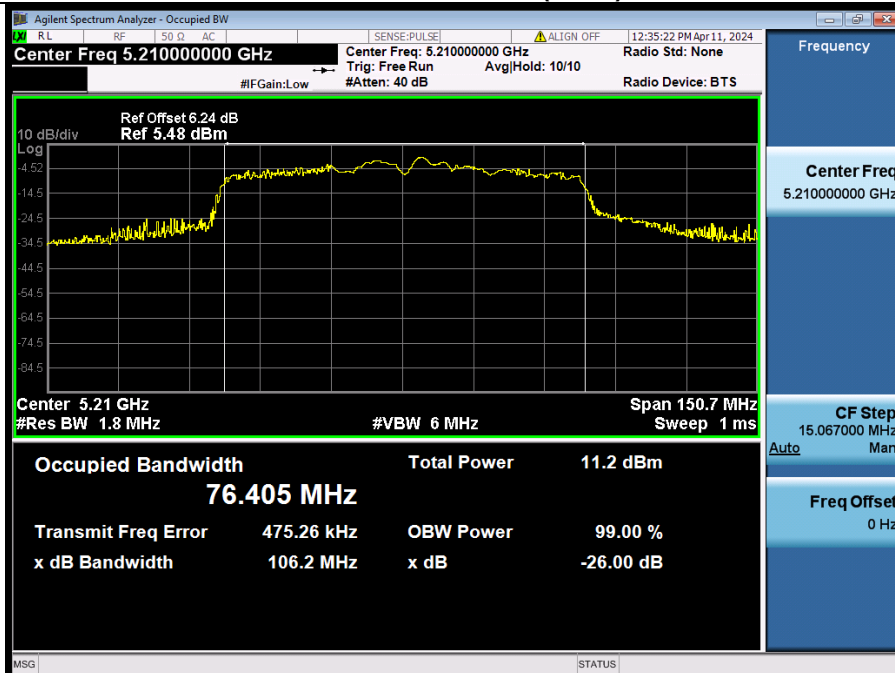
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99% OCB HVNT ANT1_802_11ac(VHT80) 5210

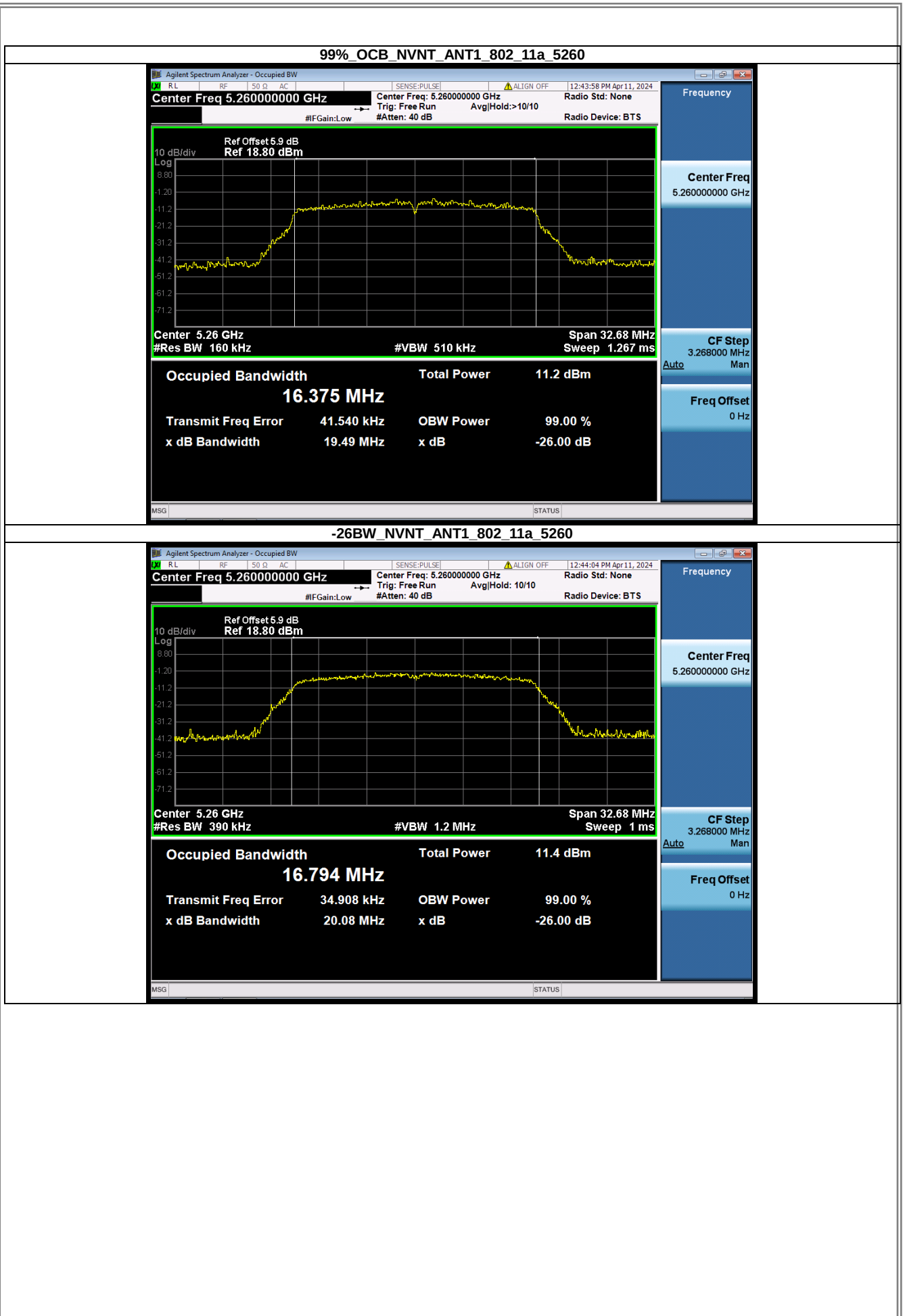


-26BW HVNT ANT1_802_11ac(VHT80) 5210

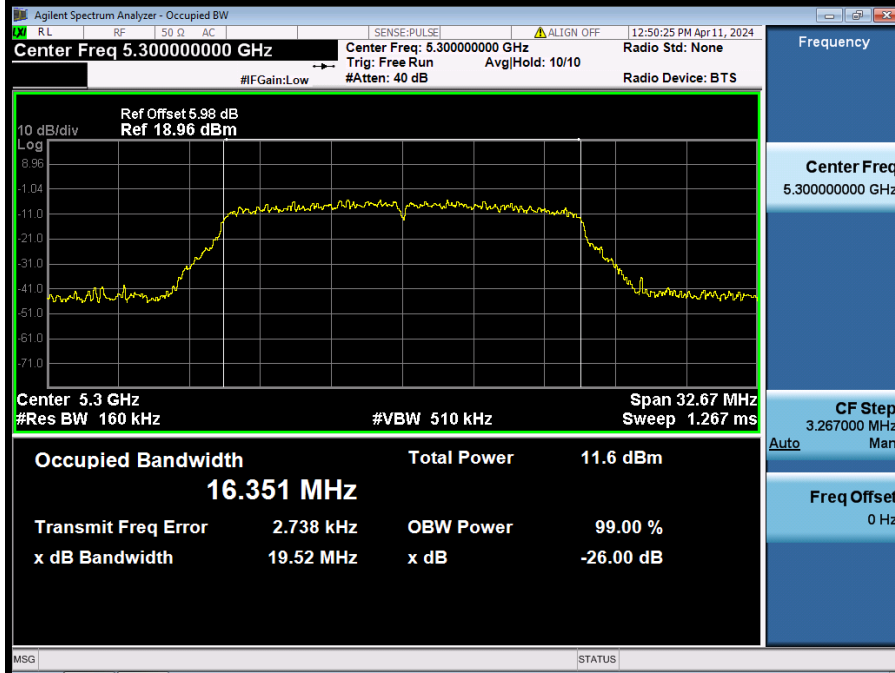


UNII-2A

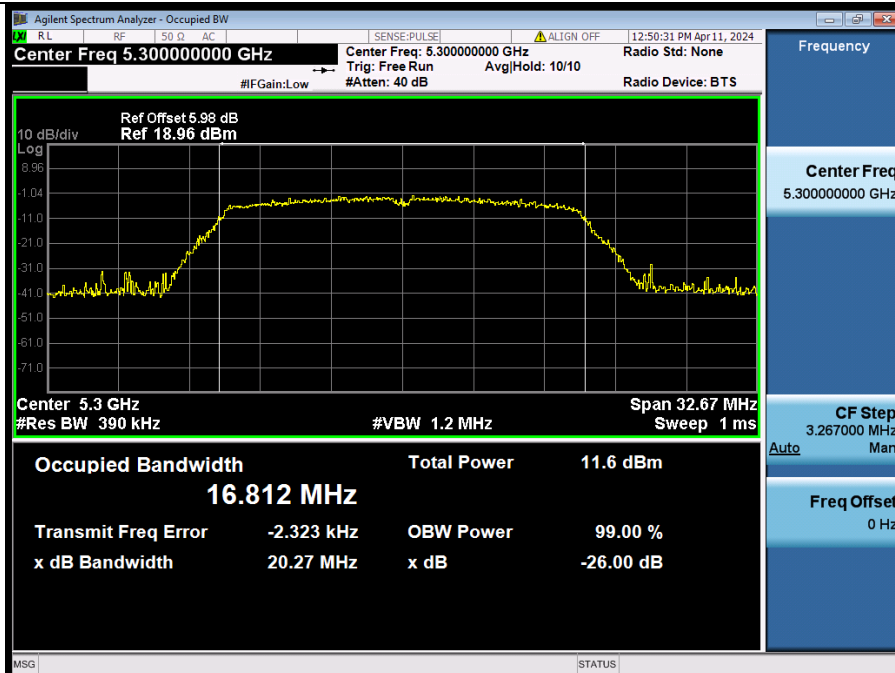
Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5260.00	20.08	16.37
NVNT	ANT1	802.11a	5300.00	20.27	16.35
NVNT	ANT1	802.11a	5320.00	20.24	16.41
NVNT	ANT1	802.11n(HT20)	5260.00	20.52	17.56
NVNT	ANT1	802.11n(HT20)	5300.00	20.80	17.54
NVNT	ANT1	802.11n(HT20)	5320.00	24.62	17.58
NVNT	ANT1	802.11ac(VHT20)	5260.00	20.87	17.59
NVNT	ANT1	802.11ac(VHT20)	5300.00	20.80	17.55
NVNT	ANT1	802.11ac(VHT20)	5320.00	24.99	17.58
NVNT	ANT1	802.11n(HT40)	5270.00	41.32	36.01
NVNT	ANT1	802.11n(HT40)	5310.00	41.30	35.94
NVNT	ANT1	802.11ac(VHT40)	5270.00	40.95	35.96
NVNT	ANT1	802.11ac(VHT40)	5310.00	54.55	35.91
NVNT	ANT1	802.11ac(VHT80)	5290.00	108.38	75.51



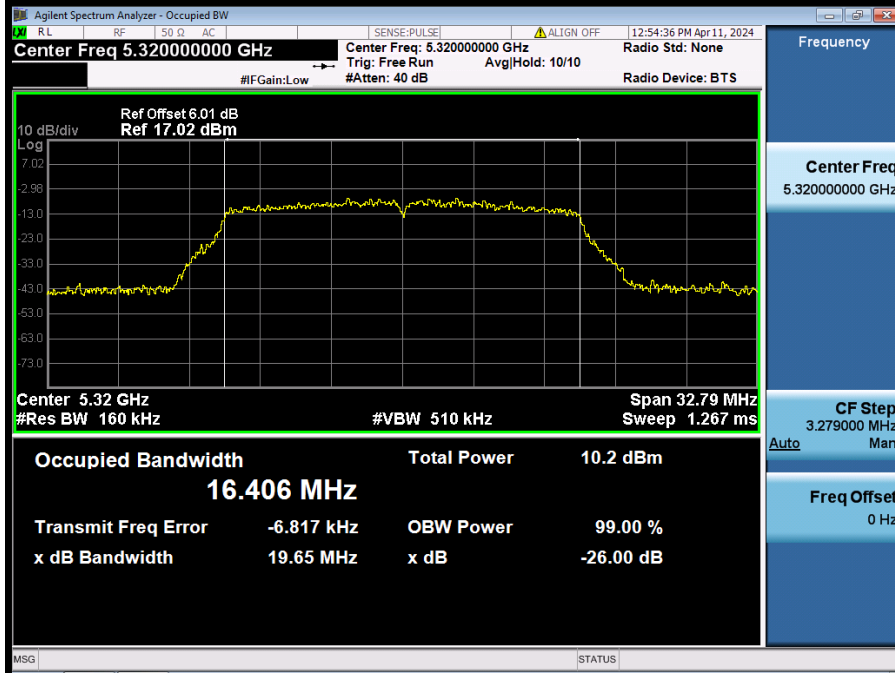
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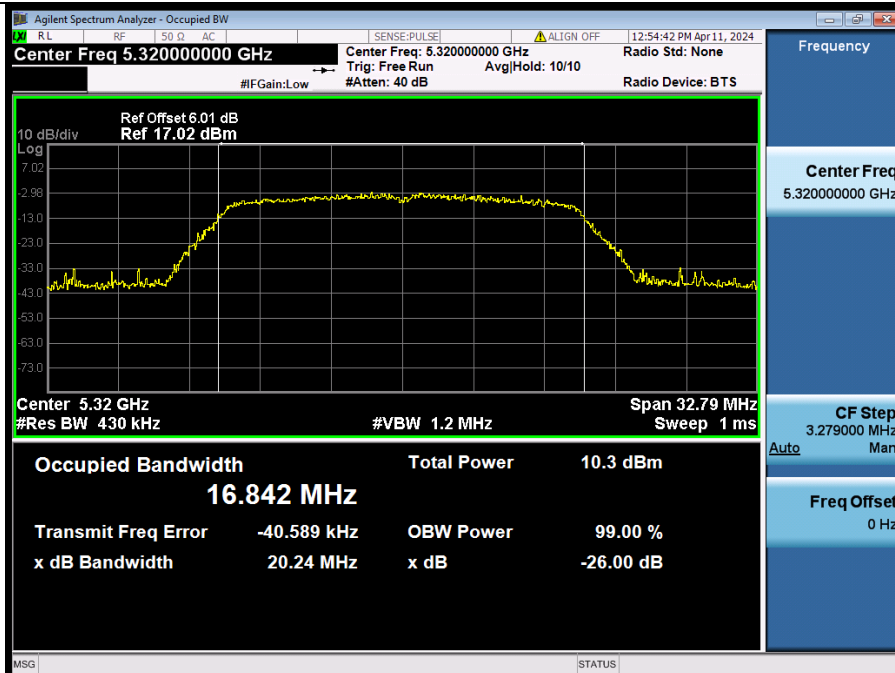
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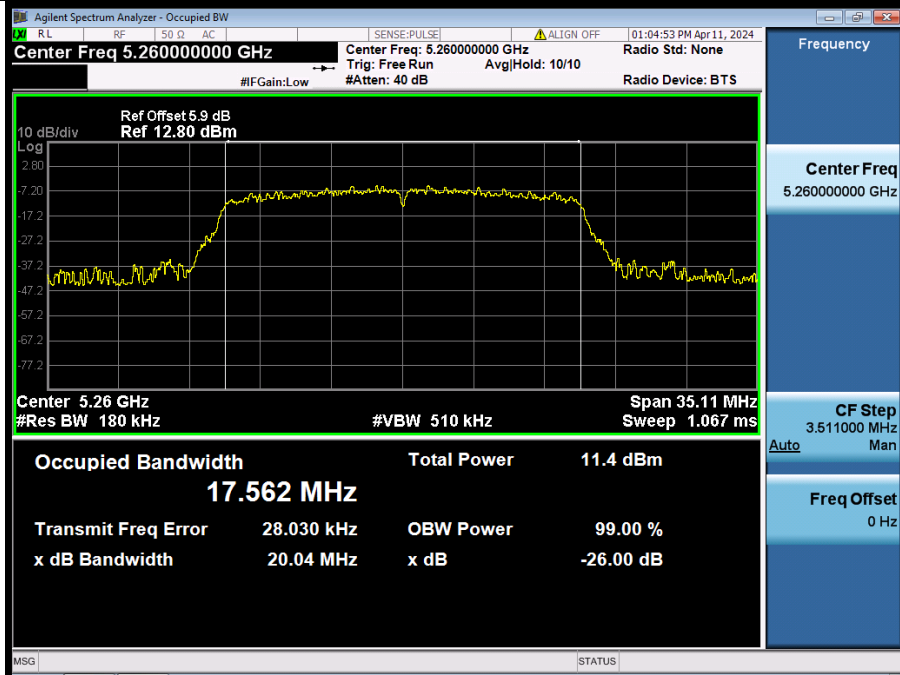
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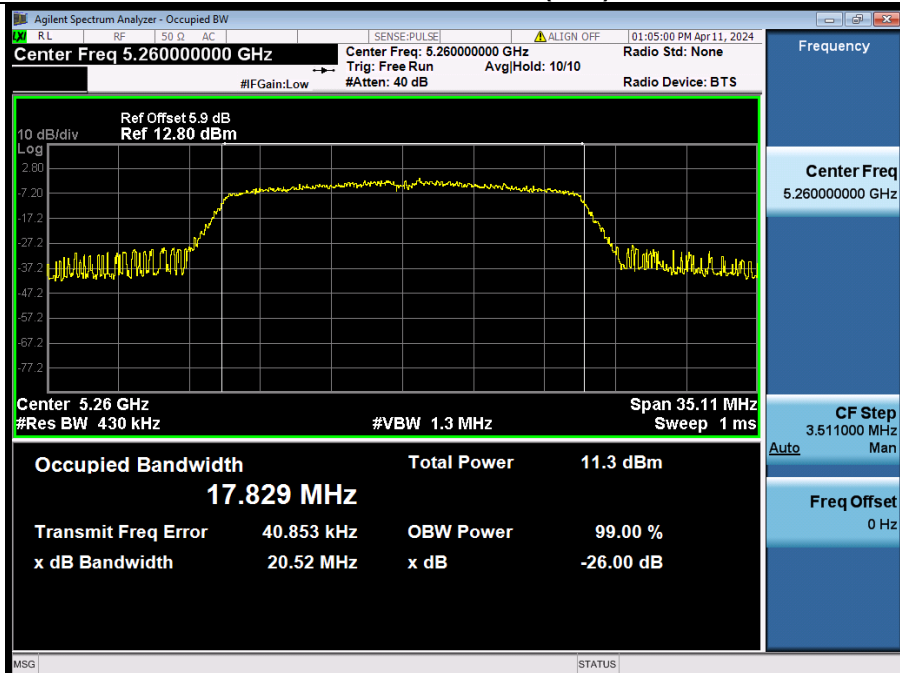
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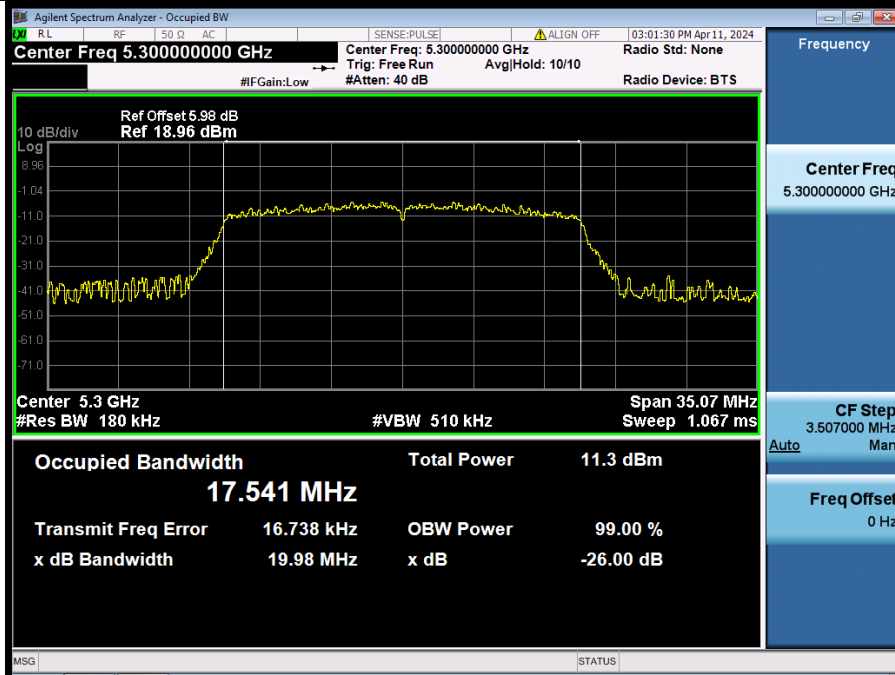
99%_OCB_NVNT_ANT1_802_11n(HT20)_5260



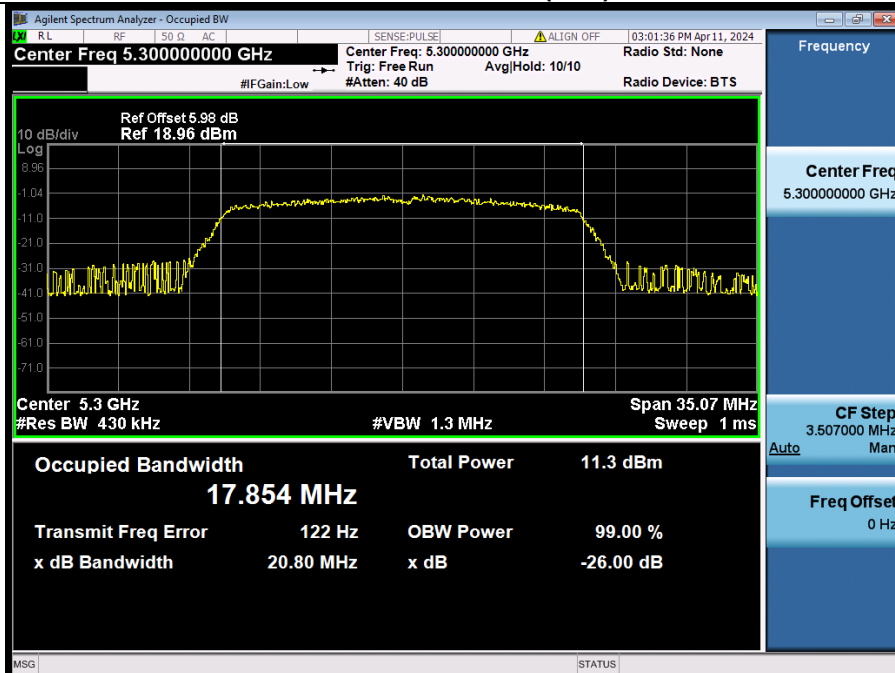
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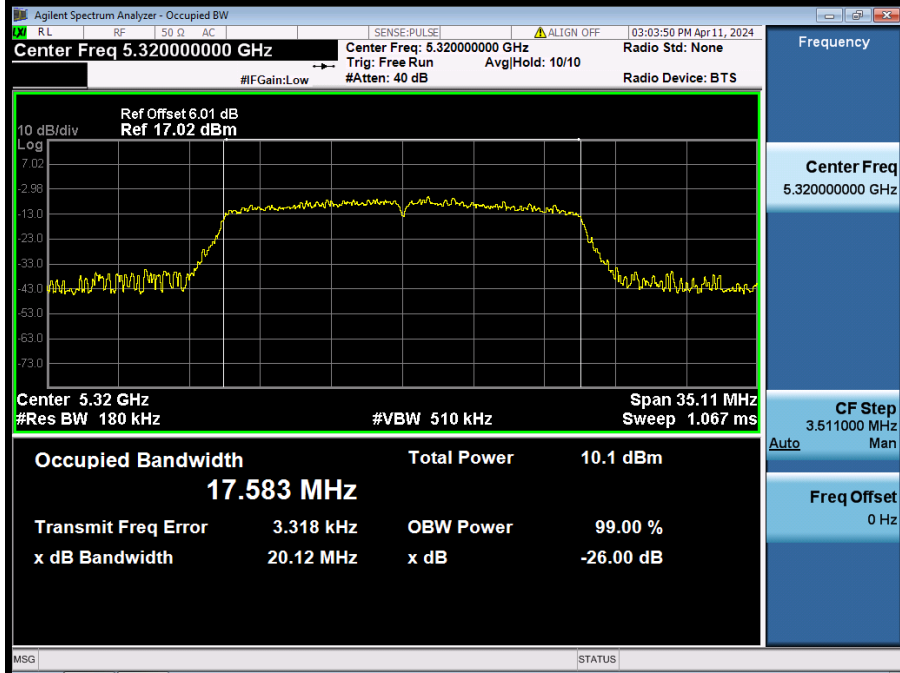
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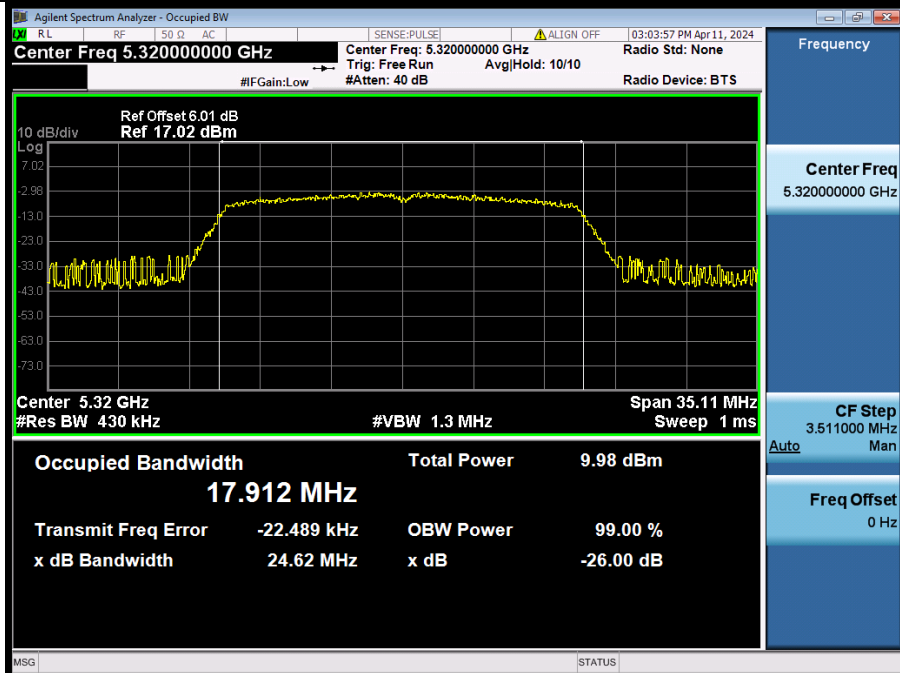
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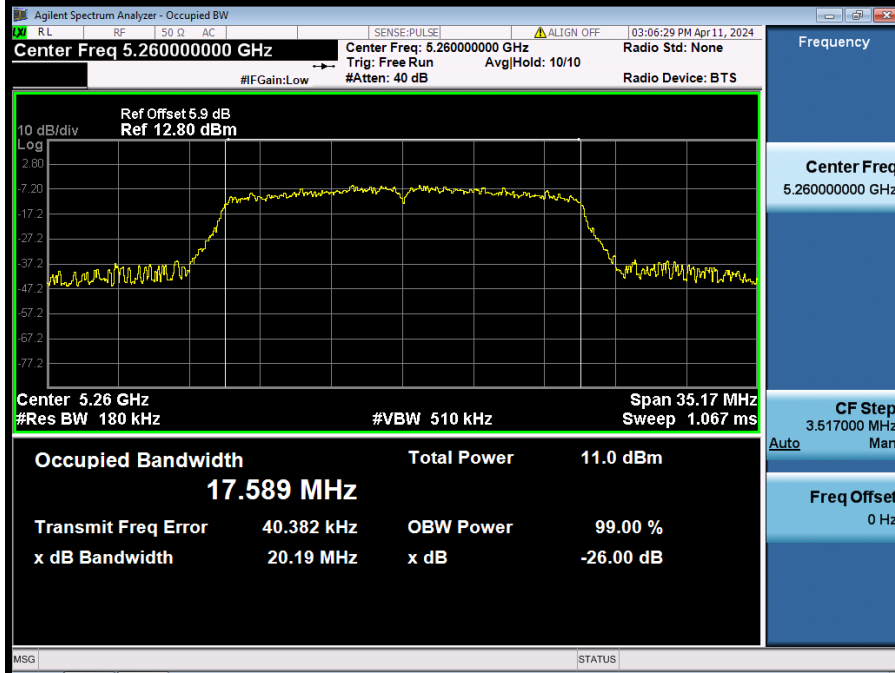
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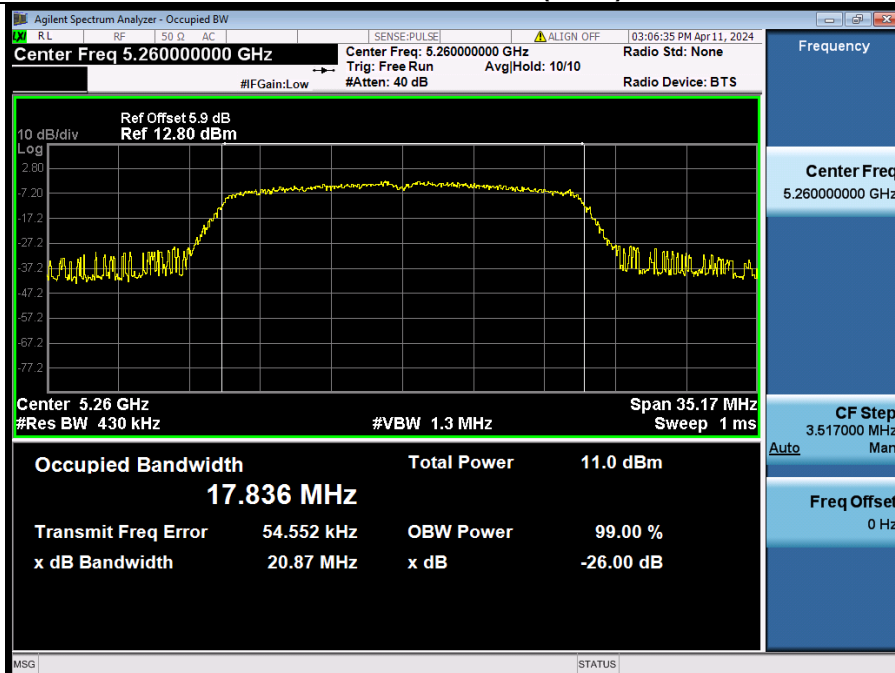
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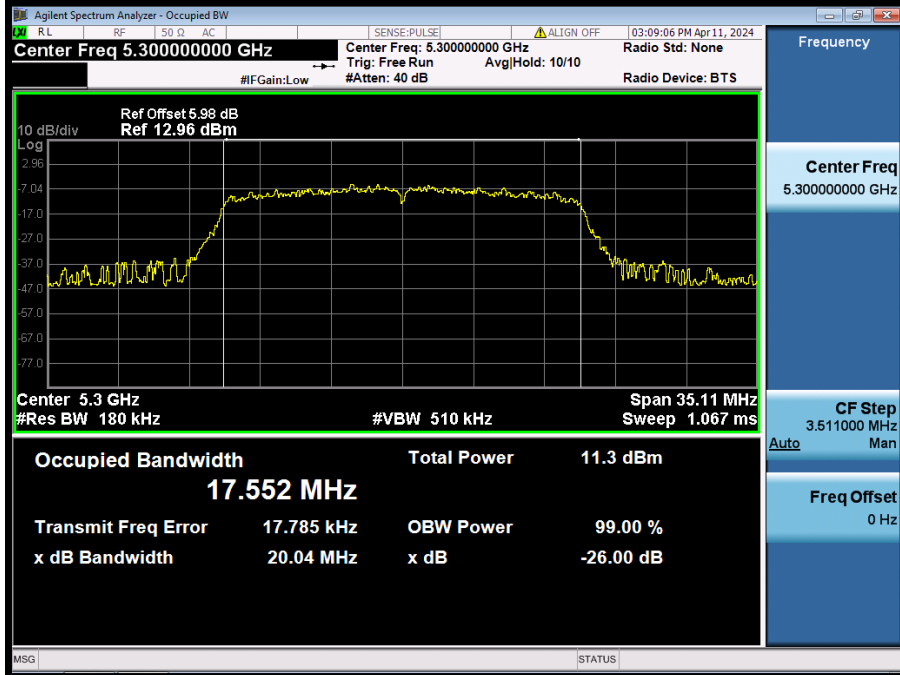
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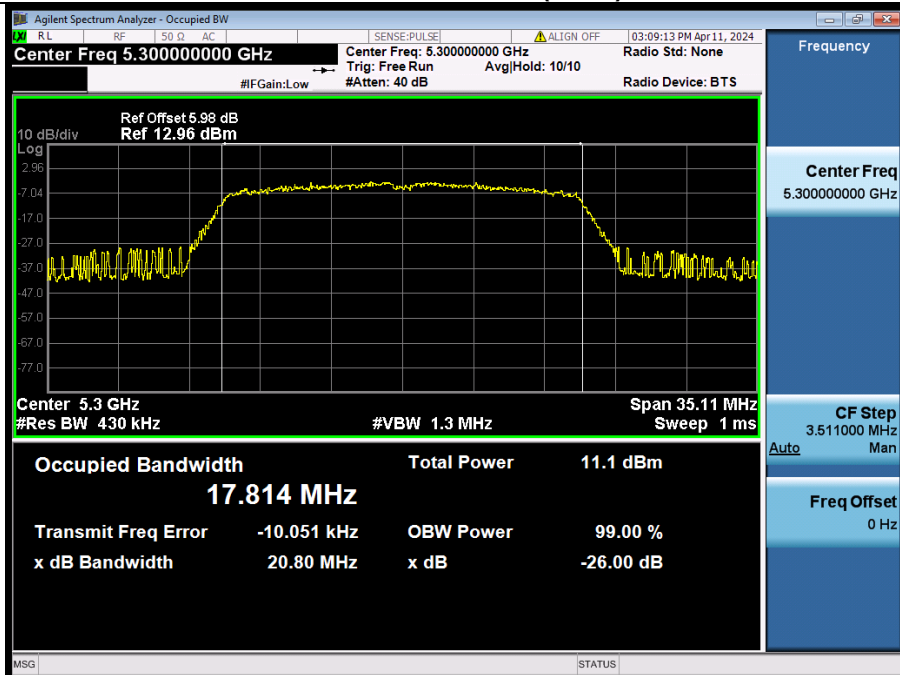
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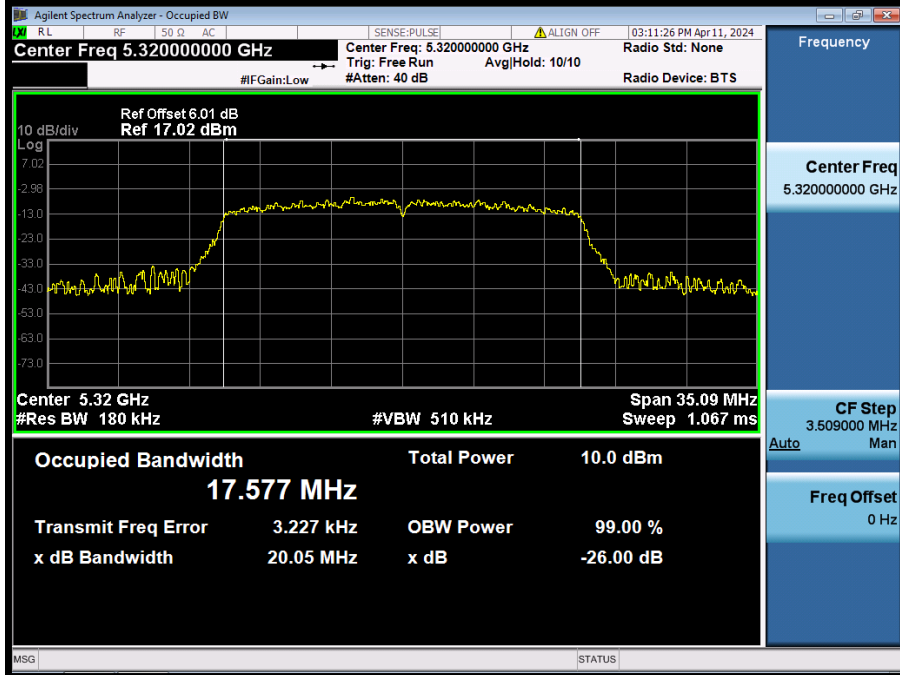
99% OCB_NVNT_ANT1_802_11ac(VHT20) 5300



-26BW_NVNT_ANT1_802_11ac(VHT20) 5300



99% OCB NVNT ANT1_802_11ac(VHT20) 5320



-26BW NVNT ANT1_802_11ac(VHT20) 5320

