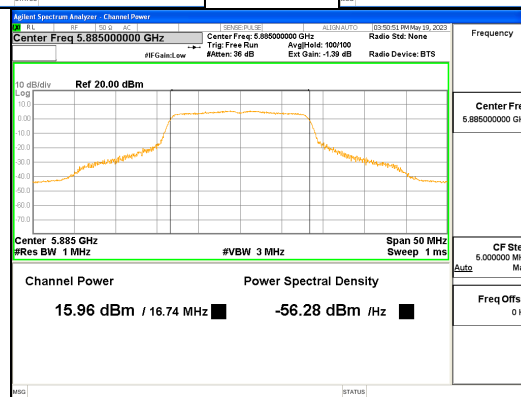
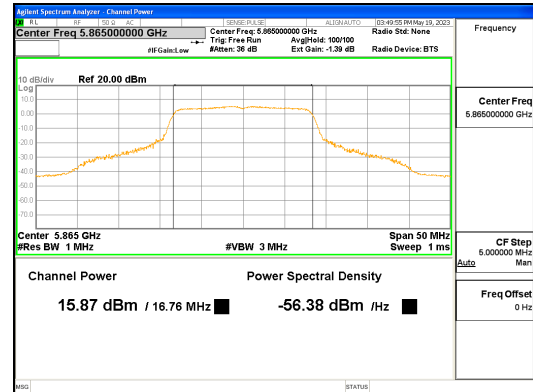
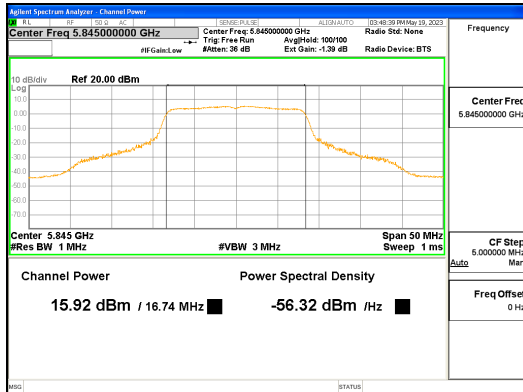
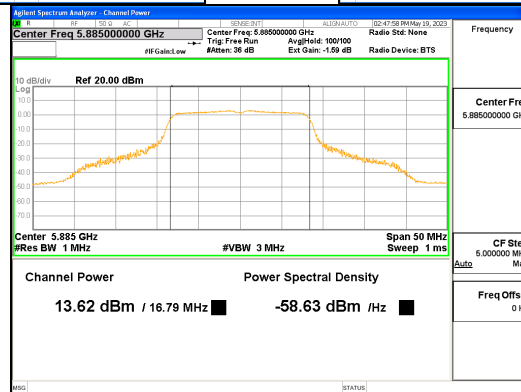
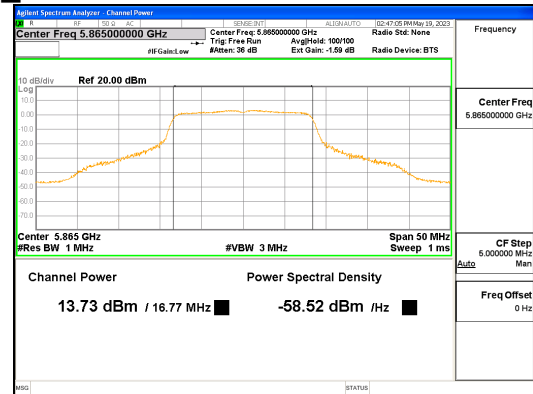
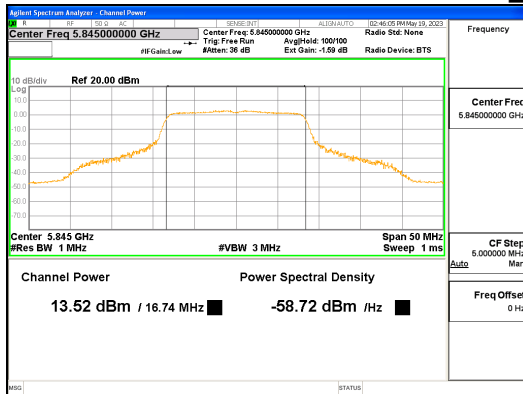




ANT L_802.11a_UNII 4

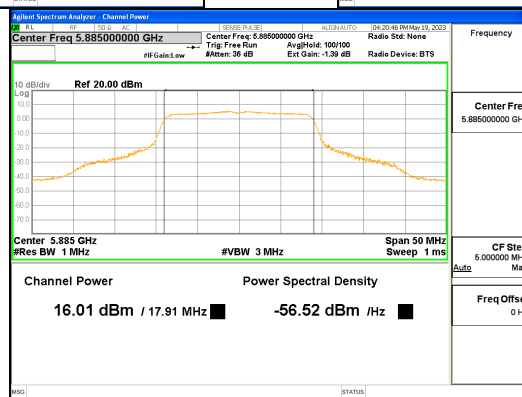
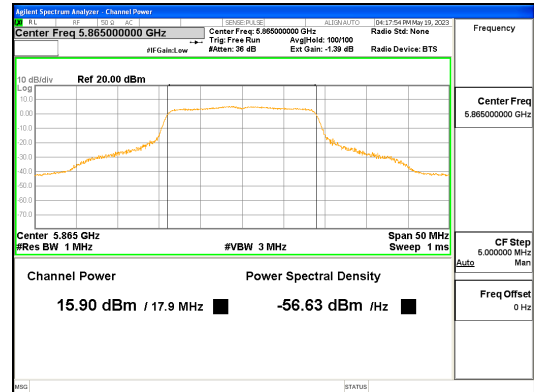
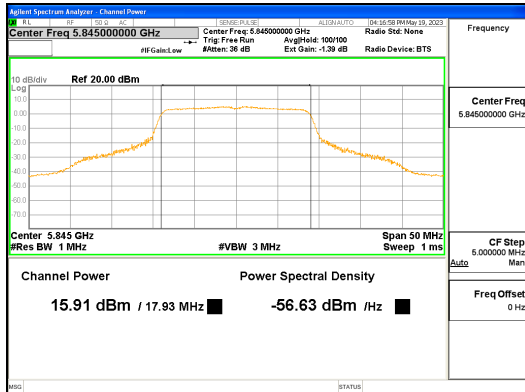


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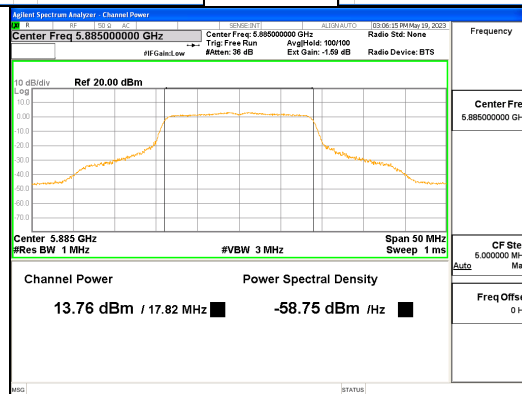
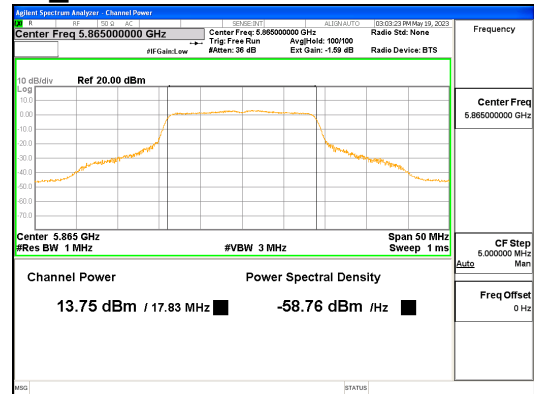
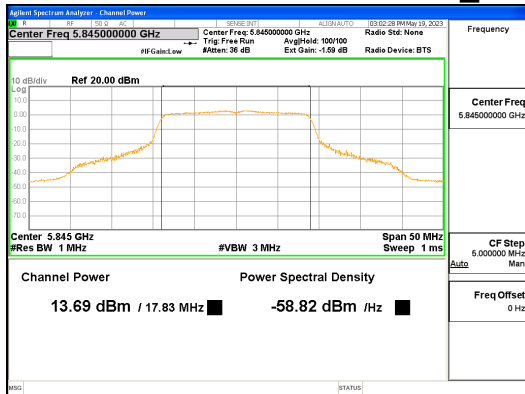


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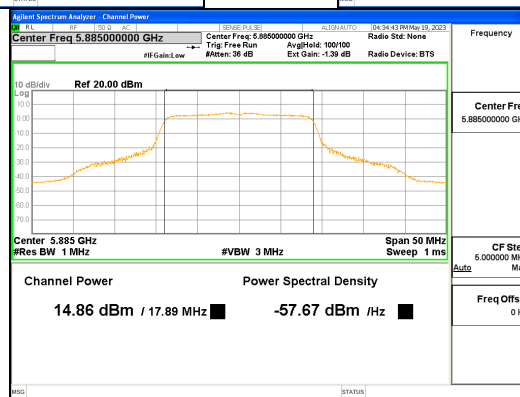
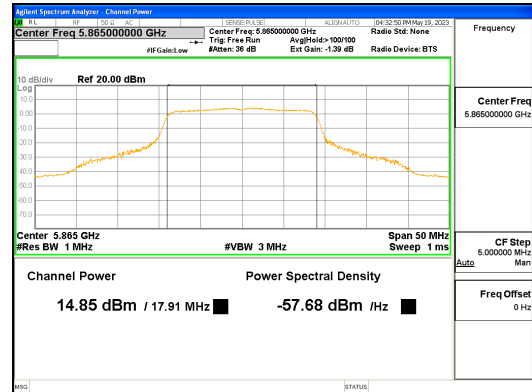
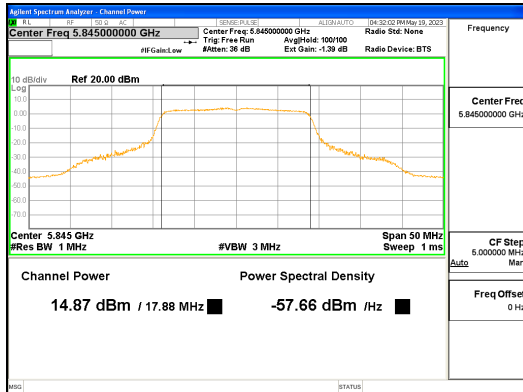
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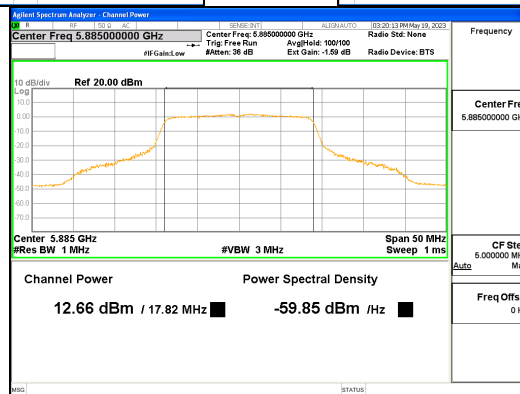
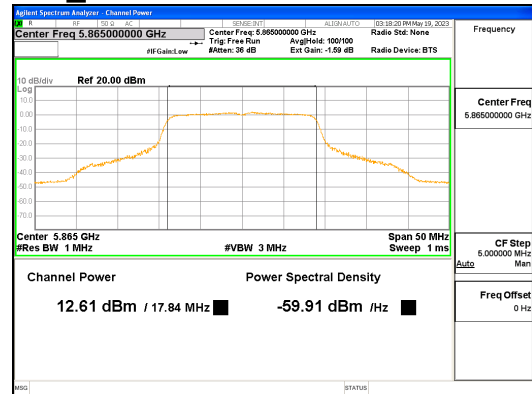
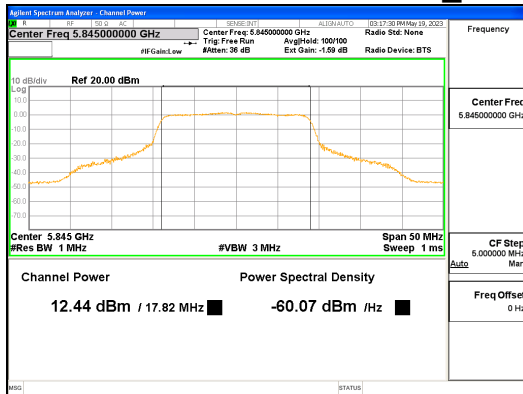
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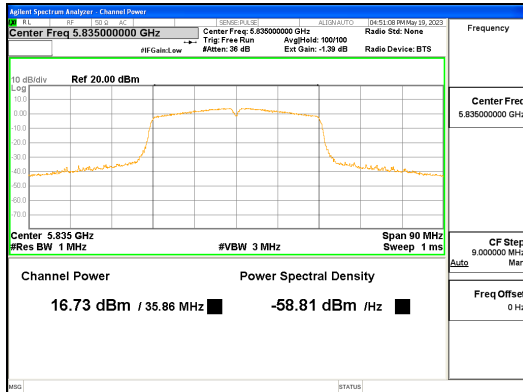
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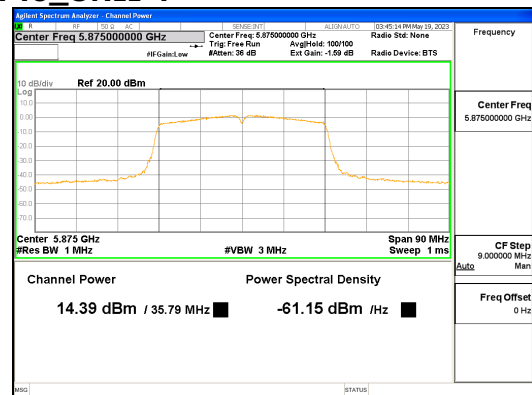
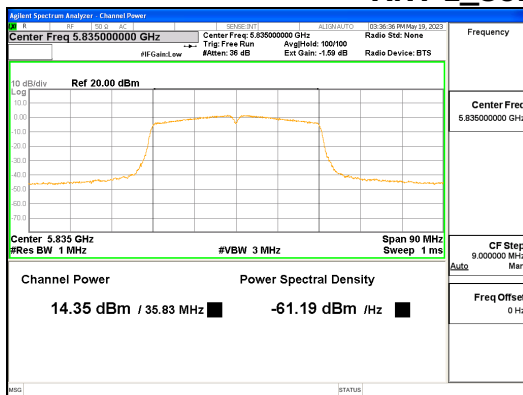
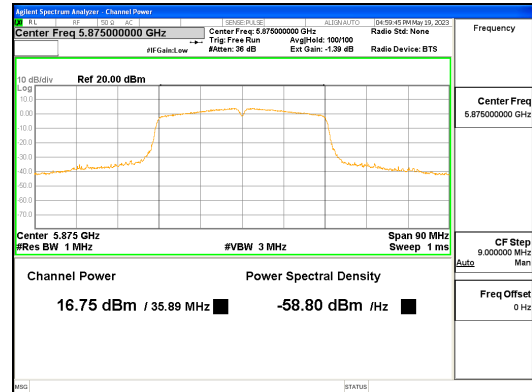
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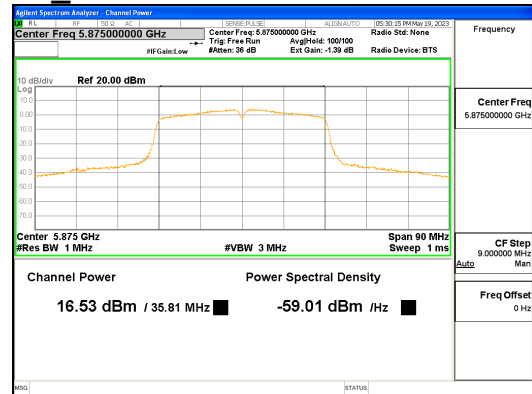
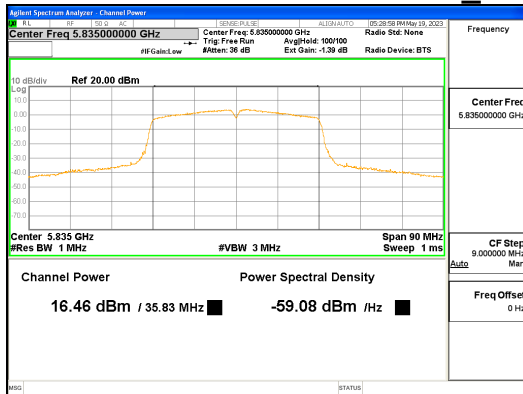
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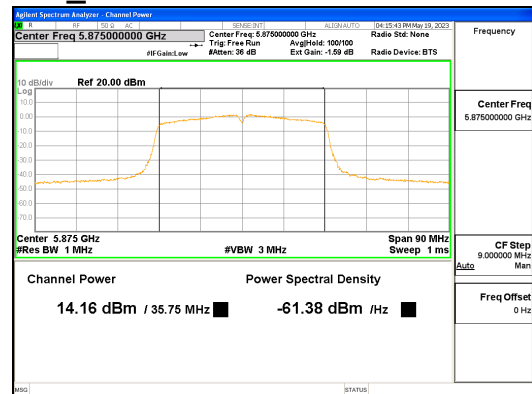
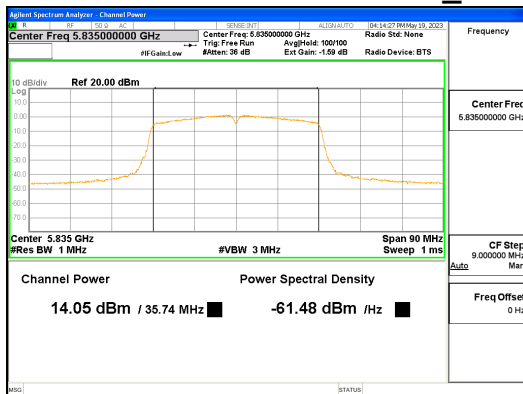
ANT L_802.11n_HT40_UNII 4



ANT R_802.11n_HT40_UNII 4



ANT L_802.11ac_VHT40_UNII 4

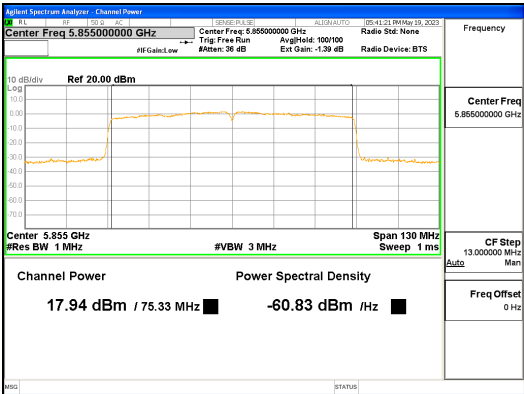


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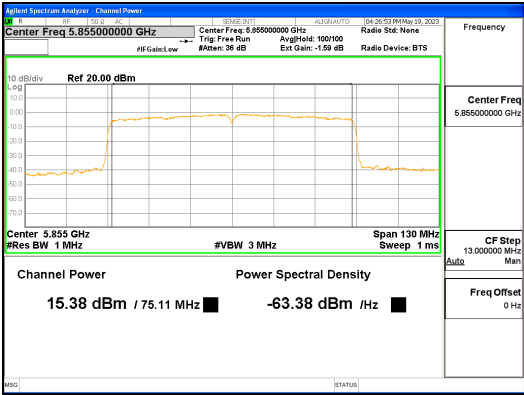


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ANT L_802.11ac_VHT80_UNII 4



ANT R_802.11ac_VHT80_UNII 4

4.4 Power Spectral Density

Test Procedures

KDB 789033 – Section F (Method SA-2, Maximum Power Spectral Density)
 KDB 662911 D01, D02 (Multiple Transmitter Output)
 ANSI C63.10-2013 – Section 12.5

The peak power density is measured with a spectrum analyzer connected to the antenna terminal while the EUT is operating in transmission mode at the appropriate frequencies.

Test Settings :

Center frequency = the highest, middle and the lowest channels

- a) RBW = 1 MHz
- b) VBW = 3 MHz
- c) Sweep time = auto
- d) Detector = power averaging (rms)
- e) Trace mode = Average at least 100
- f) Duty cycle factor = $10\log(1/x)$

Test mode	Duty Cycle Factor (dB)
802.11a	0.13
802.11n_HT20	0.13
802.11n_HT40	0.28
802.11ac_VHT20	0.26
802.11ac_VHT40	0.50
802.11ac_VHT80	0.89
802.11ax_HE20_26T	0.21
802.11ax_HE20_52T	0.21
802.11ax_HE20_106T	0.23
802.11ax_HE20_242T	0.26
802.11ax_HE40_26T	0.21
802.11ax_HE40_52T	0.22
802.11ax_HE40_106T	0.24
802.11ax_HE40_242T	0.27
802.11ax HE40 484T	0.28
802.11ax HE80 26T	0.21
802.11ax HE80 52T	0.22
802.11ax HE80 106T	0.23
802.11ax HE80 242T	0.27
802.11ax HE80 484T	0.27
802.11ax HE80 996T	0.29

Limit

Operating Mode	Mode	ANT Configuration	ANT Gain (dBi)	Band	Limit (dBm)
SISO	802.11a/n/ac/ax	ANT L, ANT R	0.92, 1.49	UNII 4	14.00 (EIRP)
MIMO (2Tx)	802.11n/ac/ax	ANT L + ANT R	4.22	UNII 4	14.00 (EIRP)

Note :

Per KDB 662911, the MIMO directional gain is calculated using the following formula, Where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}] \text{ dBi}$$

Test Data

ANT L(SISO)

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 845	5.46	0.13	6.51 (EIRP)	14.00	7.49
	5 865	5.45	0.13	6.50 (EIRP)	14.00	7.50
	5 885	5.51	0.13	6.56 (EIRP)	14.00	7.44
802.11n _HT20	5 845	5.15	0.13	6.20 (EIRP)	14.00	7.80
	5 865	5.29	0.13	6.34 (EIRP)	14.00	7.66
	5 885	5.43	0.13	6.48 (EIRP)	14.00	7.52
802.11ac _VHT20	5 845	4.19	0.26	5.37 (EIRP)	14.00	8.63
	5 865	4.17	0.26	5.35 (EIRP)	14.00	8.65
	5 885	4.27	0.26	5.45 (EIRP)	14.00	8.55
802.11n _HT40	5 835	4.05	0.28	5.25 (EIRP)	14.00	8.75
	5 875	3.79	0.28	4.99 (EIRP)	14.00	9.01
802.11ac _VHT40	5 835	3.87	0.50	5.29 (EIRP)	14.00	8.71
	5 875	3.71	0.50	5.13 (EIRP)	14.00	8.87
802.11ac _VHT80	5 855	1.53	0.89	3.34 (EIRP)	14.00	10.66
Measurement uncertainty		± 1.5 dB				

Test Mode	Frequency (MHz)	RU Index	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11ax _HE20 _26T	5 845	Low	5.94	0.21	7.07 (EIRP)	14.00	6.93
		Mid	5.02	0.21	6.15 (EIRP)	14.00	7.85
		High	5.76	0.21	6.89 (EIRP)	14.00	7.11
	5 865	Low	5.93	0.21	7.06 (EIRP)	14.00	6.94
		Mid	4.93	0.21	6.06 (EIRP)	14.00	7.94
		High	6.07	0.21	7.20 (EIRP)	14.00	6.80
	5 885	Low	5.92	0.21	7.05 (EIRP)	14.00	6.95
		Mid	4.75	0.21	5.88 (EIRP)	14.00	8.12
		High	5.62	0.21	6.75 (EIRP)	14.00	7.25
802.11ax _HE20 _52T	5 845	Low	5.15	0.21	6.28 (EIRP)	14.00	7.72
		Mid	5.16	0.21	6.29 (EIRP)	14.00	7.71
		High	4.97	0.21	6.10 (EIRP)	14.00	7.90
	5 865	Low	4.81	0.21	5.94 (EIRP)	14.00	8.06
		Mid	5.28	0.21	6.41 (EIRP)	14.00	7.59
		High	5.35	0.21	6.48 (EIRP)	14.00	7.52
	5 885	Low	5.22	0.21	6.35 (EIRP)	14.00	7.65

		Mid	5.26	0.21	6.39 (EIRP)	14.00	7.61
		High	5.36	0.21	6.49 (EIRP)	14.00	7.51
802.11ax _HE20 _106T	5 845	Low	5.73	0.23	6.88 (EIRP)	14.00	7.12
		Mid	-				
		High	5.63	0.23	6.78 (EIRP)	14.00	7.22
	5 865	Low	5.91	0.23	7.06 (EIRP)	14.00	6.94
		Mid	-				
		High	5.93	0.23	7.08 (EIRP)	14.00	6.92
	5 885	Low	5.62	0.23	6.77 (EIRP)	14.00	7.23
		Mid	-				
		High	5.79	0.23	6.94 (EIRP)	14.00	7.06
	802.11ax _HE20 _242T	5 845		5.86	0.26	7.04 (EIRP)	14.00
5 865		5.62	0.26	6.80 (EIRP)	14.00	7.20	
5 885		5.64	0.26	6.82 (EIRP)	14.00	7.18	
Measurement uncertainty			± 1.5 dB				

Test Mode	Frequency (MHz)	RU Index	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11ax _HE40 _26T	5 835	Low	5.59	0.21	6.72 (EIRP)	14.00	7.28
		Mid	6.30	0.21	7.43 (EIRP)	14.00	6.57
		High	6.18	0.21	7.31 (EIRP)	14.00	6.69
	5 875	Low	6.30	0.21	7.43 (EIRP)	14.00	6.57
		Mid	6.33	0.21	7.46 (EIRP)	14.00	6.54
		High	5.99	0.21	7.12 (EIRP)	14.00	6.88
802.11ax _HE40 _52T	5 835	Low	5.66	0.22	6.80 (EIRP)	14.00	7.20
		Mid	5.87	0.22	7.01 (EIRP)	14.00	6.99
		High	5.84	0.22	6.98 (EIRP)	14.00	7.02
	5 875	Low	5.55	0.22	6.69 (EIRP)	14.00	7.31
		Mid	5.69	0.22	6.83 (EIRP)	14.00	7.17
		High	5.78	0.22	6.92 (EIRP)	14.00	7.08
802.11ax _HE40 _106T	5 835	Low	5.96	0.24	7.12 (EIRP)	14.00	6.88
		Mid	6.18	0.24	7.34 (EIRP)	14.00	6.66
		High	5.98	0.24	7.14 (EIRP)	14.00	6.86
	5 875	Low	5.91	0.24	7.07 (EIRP)	14.00	6.93
		Mid	6.15	0.24	7.31 (EIRP)	14.00	6.69
		High	6.11	0.24	7.27 (EIRP)	14.00	6.73
802.11ax _HE40 _242T	5 835	Low	5.46	0.27	6.65 (EIRP)	14.00	7.35
		Mid	-				
		High	5.52	0.27	6.71 (EIRP)	14.00	7.29

	5 875	Low	5.48	0.27	6.67 (EIRP)	14.00	7.33
		Mid	-				
		High	5.48	0.27	6.67 (EIRP)	14.00	7.33
802.11ax _HE40 _484T	5 835		4.46	0.28	5.66 (EIRP)	14.00	8.34
	5 875		4.50	0.28	5.70 (EIRP)	14.00	8.30
Measurement uncertainty			± 1.5 dB				

Test Mode	Frequency (MHz)	RU Index	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11ax _HE80 _26T	5 855	Low	4.72	0.21	5.85 (EIRP)	14.00	8.15
		Mid	4.92	0.21	6.05 (EIRP)	14.00	7.95
		High	4.95	0.21	6.08 (EIRP)	14.00	7.92
802.11ax _HE80 _52T	5 855	Low	4.60	0.22	5.74 (EIRP)	14.00	8.26
		Mid	4.62	0.22	5.76 (EIRP)	14.00	8.24
		High	4.73	0.22	5.87 (EIRP)	14.00	8.13
802.11ax _HE80 _106T	5 855	Low	4.92	0.23	6.07 (EIRP)	14.00	7.93
		Mid	4.81	0.23	5.96 (EIRP)	14.00	8.04
		High	5.13	0.23	6.28 (EIRP)	14.00	7.72
802.11ax _HE80 _242T	5 855	Low	2.84	0.27	4.03 (EIRP)	14.00	9.97
		Mid	2.68	0.27	3.87 (EIRP)	14.00	10.13
		High	2.75	0.27	3.94 (EIRP)	14.00	10.06
802.11ax _HE80 _484T	5 855	Low	1.60	0.27	2.79 (EIRP)	14.00	11.21
		Mid	-				
		High	1.71	0.27	2.90 (EIRP)	14.00	11.10
802.11ax _HE80 _996T	5 855		0.44	0.29	1.65 (EIRP)	14.00	12.35
Measurement uncertainty			± 1.5 dB				

ANT R(SISO)

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 845	3.13	0.13	4.75 (EIRP)	14.00	9.25
	5 865	3.50	0.13	5.12 (EIRP)	14.00	8.88
	5 885	3.22	0.13	4.84 (EIRP)	14.00	9.16
802.11n _HT20	5 845	3.02	0.13	4.64 (EIRP)	14.00	9.36
	5 865	3.19	0.13	4.81 (EIRP)	14.00	9.19
	5 885	3.15	0.13	4.77 (EIRP)	14.00	9.23
802.11ac _VHT20	5 845	2.04	0.26	3.79 (EIRP)	14.00	10.21
	5 865	2.13	0.26	3.88 (EIRP)	14.00	10.12
	5 885	2.00	0.26	3.75 (EIRP)	14.00	10.25
802.11n _HT40	5 835	1.63	0.28	3.40 (EIRP)	14.00	10.60
	5 875	1.66	0.28	3.43 (EIRP)	14.00	10.57
802.11ac _VHT40	5 835	1.38	0.50	3.37 (EIRP)	14.00	10.63
	5 875	1.51	0.50	3.50 (EIRP)	14.00	10.50
802.11ac _VHT80	5 855	-0.84	0.89	1.54 (EIRP)	14.00	12.46
Measurement uncertainty		± 1.5 dB				

Test Mode	Frequency (MHz)	RU Index	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11ax _HE20 _26T	5 845	Low	5.60	0.21	7.30 (EIRP)	14.00	6.70
		Mid	4.57	0.21	6.27 (EIRP)	14.00	7.73
		High	5.63	0.21	7.33 (EIRP)	14.00	6.67
	5 865	Low	5.89	0.21	7.59 (EIRP)	14.00	6.41
		Mid	5.06	0.21	6.76 (EIRP)	14.00	7.24
		High	6.00	0.21	7.70 (EIRP)	14.00	6.30
	5 885	Low	5.91	0.21	7.61 (EIRP)	14.00	6.39
		Mid	4.97	0.21	6.67 (EIRP)	14.00	7.33
		High	5.34	0.21	7.04 (EIRP)	14.00	6.96
802.11ax _HE20 _52T	5 845	Low	3.03	0.21	4.73 (EIRP)	14.00	9.27
		Mid	3.24	0.21	4.94 (EIRP)	14.00	9.06
		High	3.25	0.21	4.95 (EIRP)	14.00	9.05
	5 865	Low	3.21	0.21	4.91 (EIRP)	14.00	9.09
		Mid	3.37	0.21	5.07 (EIRP)	14.00	8.93
		High	3.38	0.21	5.08 (EIRP)	14.00	8.92
	5 885	Low	3.51	0.21	5.21 (EIRP)	14.00	8.79
		Mid	3.48	0.21	5.18 (EIRP)	14.00	8.82

		High	3.48	0.21	5.18 (EIRP)	14.00	8.82
802.11ax _HE20 _106T	5 845	Low	5.23	0.23	6.95 (EIRP)	14.00	7.05
		Mid	-				
		High	5.45	0.23	7.17 (EIRP)	14.00	6.83
	5 865	Low	5.64	0.23	7.36 (EIRP)	14.00	6.64
		Mid	-				
		High	5.51	0.23	7.23 (EIRP)	14.00	6.77
	5 885	Low	5.27	0.23	6.99 (EIRP)	14.00	7.01
		Mid	-				
		High	5.62	0.23	7.34 (EIRP)	14.00	6.66
802.11ax _HE20 _242T	5 845		3.29	0.26	5.04 (EIRP)	14.00	8.96
	5 865		3.35	0.26	5.10 (EIRP)	14.00	8.90
	5 885		3.67	0.26	5.42 (EIRP)	14.00	8.58
Measurement uncertainty			± 1.5 dB				

Test Mode	Frequency (MHz)	RU Index	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11ax _HE40 _26T	5 835	Low	5.45	0.21	7.15 (EIRP)	14.00	6.85
		Mid	5.40	0.21	7.10 (EIRP)	14.00	6.90
		High	4.84	0.21	6.54 (EIRP)	14.00	7.46
	5 875	Low	5.23	0.21	6.93 (EIRP)	14.00	7.07
		Mid	6.12	0.21	7.82 (EIRP)	14.00	6.18
		High	5.19	0.21	6.89 (EIRP)	14.00	7.11
802.11ax _HE40 _52T	5 835	Low	4.82	0.22	6.53 (EIRP)	14.00	7.47
		Mid	5.43	0.22	7.14 (EIRP)	14.00	6.86
		High	4.80	0.22	6.51 (EIRP)	14.00	7.49
	5 875	Low	5.02	0.22	6.73 (EIRP)	14.00	7.27
		Mid	5.23	0.22	6.94 (EIRP)	14.00	7.06
		High	4.82	0.22	6.53 (EIRP)	14.00	7.47
802.11ax _HE40 _106T	5 835	Low	5.01	0.24	6.74 (EIRP)	14.00	7.26
		Mid	4.99	0.24	6.72 (EIRP)	14.00	7.28
		High	4.77	0.24	6.50 (EIRP)	14.00	7.50
	5 875	Low	4.94	0.24	6.67 (EIRP)	14.00	7.33
		Mid	5.01	0.24	6.74 (EIRP)	14.00	7.26
		High	4.99	0.24	6.72 (EIRP)	14.00	7.28
802.11ax _HE40 _242T	5 835	Low	5.30	0.27	7.06 (EIRP)	14.00	6.94
		Mid	-				
		High	5.08	0.27	6.84 (EIRP)	14.00	7.16
	5 875	Low	5.55	0.27	7.31 (EIRP)	14.00	6.69

		Mid	-				
		High	5.37	0.27	7.13 (EIRP)	14.00	6.87
802.11ax _HE40 _484T	5 835		2.12	0.28	3.89 (EIRP)	14.00	10.11
	5 875		2.15	0.28	3.92 (EIRP)	14.00	10.08
Measurement uncertainty			± 1.5 dB				

Test Mode	Frequency (MHz)	RU Index	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11ax _HE80 _26T	5 855	Low	5.18	0.21	6.88 (EIRP)	14.00	7.12
		Mid	5.49	0.21	7.19 (EIRP)	14.00	6.81
		High	5.25	0.21	6.95 (EIRP)	14.00	7.05
802.11ax _HE80 _52T	5 855	Low	5.16	0.22	6.87 (EIRP)	14.00	7.13
		Mid	5.13	0.22	6.84 (EIRP)	14.00	7.16
		High	5.37	0.22	7.08 (EIRP)	14.00	6.92
802.11ax _HE80 _106T	5 855	Low	5.40	0.23	7.12 (EIRP)	14.00	6.88
		Mid	4.73	0.23	6.45 (EIRP)	14.00	7.55
		High	5.27	0.23	6.99 (EIRP)	14.00	7.01
802.11ax _HE80 _242T	5 855	Low	2.74	0.27	4.50 (EIRP)	14.00	9.50
		Mid	2.97	0.27	4.73 (EIRP)	14.00	9.27
		High	2.81	0.27	4.57 (EIRP)	14.00	9.43
802.11ax _HE80 _484T	5 855	Low	1.73	0.27	3.49 (EIRP)	14.00	10.51
		Mid	-				
		High	1.79	0.27	3.55 (EIRP)	14.00	10.45
802.11ax _HE80 _996T	5 855		-1.91	0.29	-0.13 (EIRP)	14.00	14.13
Measurement uncertainty			± 1.5 dB				

ANT L + ANT R(MIMO)

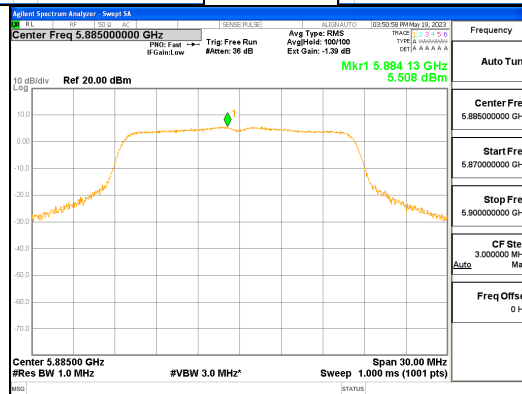
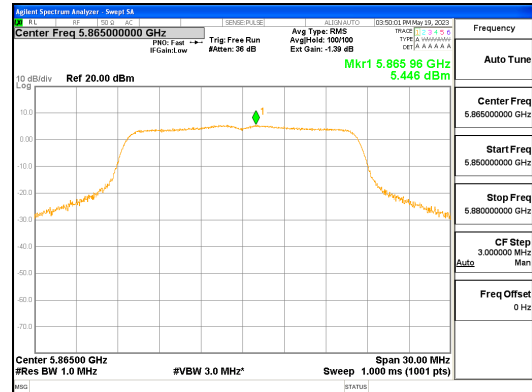
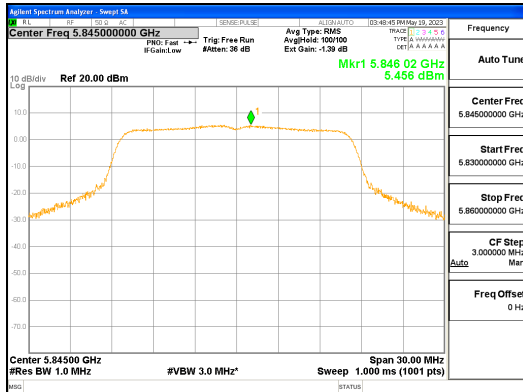
Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 845	7.22	0.13	11.57 (EIRP)	14.00	2.43
	5 865	7.38	0.13	11.73 (EIRP)	14.00	2.27
	5 885	7.45	0.13	11.80 (EIRP)	14.00	2.20
802.11ac_VHT20	5 845	6.26	0.26	10.74 (EIRP)	14.00	3.26
	5 865	6.28	0.26	10.76 (EIRP)	14.00	3.24
	5 885	6.29	0.26	10.77 (EIRP)	14.00	3.23
802.11n_HT40	5 835	6.02	0.28	10.52 (EIRP)	14.00	3.48
	5 875	5.86	0.28	10.36 (EIRP)	14.00	3.64
802.11ac_VHT40	5 835	5.81	0.50	10.53 (EIRP)	14.00	3.47
	5 875	5.76	0.50	10.48 (EIRP)	14.00	3.52
802.11ac_VHT80	5 855	3.52	0.89	8.63 (EIRP)	14.00	5.37
Measurement uncertainty		± 1.5 dB				

Test Mode	Frequency (MHz)	RU Index	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11ax _HE20 _26T	5 845	Low	8.78	0.21	13.21 (EIRP)	14.00	0.79
		Mid	7.81	0.21	12.24 (EIRP)	14.00	1.76
		High	8.71	0.21	13.14 (EIRP)	14.00	0.86
	5 865	Low	8.92	0.21	13.35 (EIRP)	14.00	0.65
		Mid	8.01	0.21	12.44 (EIRP)	14.00	1.56
		High	9.05	0.21	13.48 (EIRP)	14.00	0.52
	5 885	Low	8.93	0.21	13.36 (EIRP)	14.00	0.64
		Mid	7.87	0.21	12.30 (EIRP)	14.00	1.70
		High	8.49	0.21	12.92 (EIRP)	14.00	1.08
802.11ax _HE20 _52T	5 845	Low	7.23	0.21	11.66 (EIRP)	14.00	2.34
		Mid	7.32	0.21	11.75 (EIRP)	14.00	2.25
		High	7.20	0.21	11.63 (EIRP)	14.00	2.37
	5 865	Low	7.09	0.21	11.52 (EIRP)	14.00	2.48
		Mid	7.44	0.21	11.87 (EIRP)	14.00	2.13
		High	7.49	0.21	11.92 (EIRP)	14.00	2.08
	5 885	Low	7.46	0.21	11.89 (EIRP)	14.00	2.11
		Mid	7.47	0.21	11.90 (EIRP)	14.00	2.10
		High	7.53	0.21	11.96 (EIRP)	14.00	2.04
802.11ax _HE20 _106T	5 845	Low	8.50	0.23	12.95 (EIRP)	14.00	1.05
		Mid	-				
		High	8.55	0.23	13.00 (EIRP)	14.00	1.00
	5 865	Low	8.79	0.23	13.24 (EIRP)	14.00	0.76
		Mid	-				
		High	8.74	0.23	13.19 (EIRP)	14.00	0.81
	5 885	Low	8.46	0.23	12.91 (EIRP)	14.00	1.09
		Mid	-				
		High	8.72	0.23	13.17 (EIRP)	14.00	0.83
802.11ax _HE20 _242T	5 845		7.77	0.26	12.25 (EIRP)	14.00	1.75
	5 865		7.64	0.26	12.12 (EIRP)	14.00	1.88
	5 885		7.78	0.26	12.26 (EIRP)	14.00	1.74
Measurement uncertainty			± 1.5 dB				

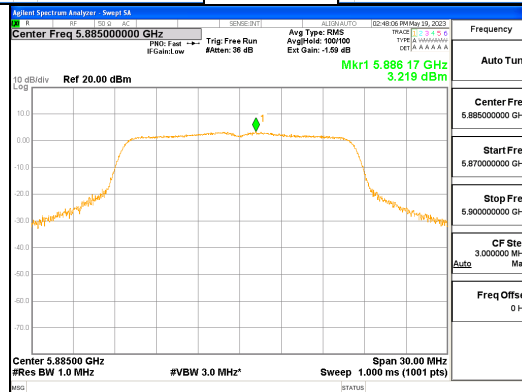
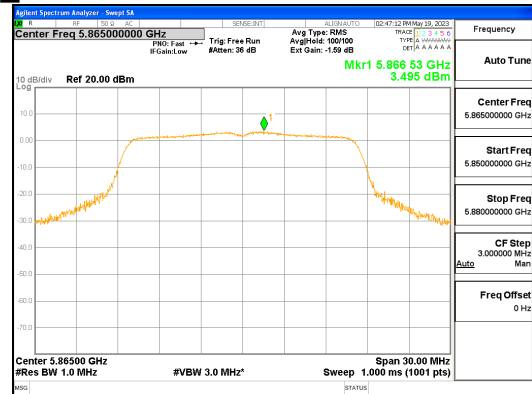
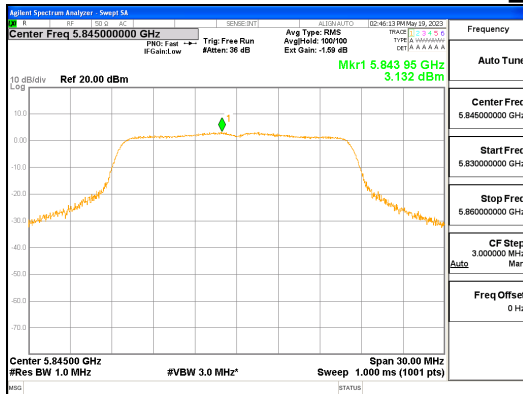
Test Mode	Frequency (MHz)	RU Index	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11ax _HE40 _26T	5 835	Low	8.53	0.21	12.96 (EIRP)	14.00	1.04
		Mid	8.88	0.21	13.31 (EIRP)	14.00	0.69
		High	8.57	0.21	13.00 (EIRP)	14.00	1.00
	5 875	Low	8.81	0.21	13.24 (EIRP)	14.00	0.76
		Mid	9.24	0.21	13.67 (EIRP)	14.00	0.33
		High	8.62	0.21	13.05 (EIRP)	14.00	0.95
802.11ax _HE40 _52T	5 835	Low	8.27	0.22	12.71 (EIRP)	14.00	1.29
		Mid	8.67	0.22	13.11 (EIRP)	14.00	0.89
		High	8.36	0.22	12.80 (EIRP)	14.00	1.20
	5 875	Low	8.30	0.22	12.74 (EIRP)	14.00	1.26
		Mid	8.48	0.22	12.92 (EIRP)	14.00	1.08
		High	8.34	0.22	12.78 (EIRP)	14.00	1.22
802.11ax _HE40 _106T	5 835	Low	8.52	0.24	12.98 (EIRP)	14.00	1.02
		Mid	8.64	0.24	13.10 (EIRP)	14.00	0.90
		High	8.43	0.24	12.89 (EIRP)	14.00	1.11
	5 875	Low	8.46	0.24	12.92 (EIRP)	14.00	1.08
		Mid	8.63	0.24	13.09 (EIRP)	14.00	0.91
		High	8.60	0.24	13.06 (EIRP)	14.00	0.94
802.11ax _HE40 _242T	5 835	Low	8.39	0.27	12.88 (EIRP)	14.00	1.12
		Mid	-				
		High	8.32	0.27	12.81 (EIRP)	14.00	1.19
	5 875	Low	8.53	0.27	13.02 (EIRP)	14.00	0.98
		Mid	-				
		High	8.44	0.27	12.93 (EIRP)	14.00	1.07
802.11ax _HE40 _484T	5 835		6.46	0.28	10.96 (EIRP)	14.00	3.04
	5 875		6.49	0.28	10.99 (EIRP)	14.00	3.01
Measurement uncertainty			± 1.5 dB				

Test Mode	Frequency (MHz)	RU Index	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11ax _HE80 _26T	5 855	Low	7.97	0.21	12.40 (EIRP)	14.00	1.60
		Mid	8.22	0.21	12.65 (EIRP)	14.00	1.35
		High	8.11	0.21	12.54 (EIRP)	14.00	1.46
802.11ax _HE80 _52T	5 855	Low	7.90	0.22	12.34 (EIRP)	14.00	1.66
		Mid	7.89	0.22	12.33 (EIRP)	14.00	1.67
		High	8.07	0.22	12.51 (EIRP)	14.00	1.49
802.11ax _HE80 _106T	5 855	Low	8.18	0.23	12.63 (EIRP)	14.00	1.37
		Mid	7.78	0.23	12.23 (EIRP)	14.00	1.77
		High	8.21	0.23	12.66 (EIRP)	14.00	1.34
802.11ax _HE80 _242T	5 855	Low	5.80	0.27	10.29 (EIRP)	14.00	3.71
		Mid	5.84	0.27	10.33 (EIRP)	14.00	3.67
		High	5.79	0.27	10.28 (EIRP)	14.00	3.72
802.11ax _HE80 _484T	5 855	Low	4.68	0.27	9.17 (EIRP)	14.00	4.83
		Mid	-				
		High	4.76	0.27	9.25 (EIRP)	14.00	4.75
802.11ax _HE80 _996T	5 855		2.43	0.29	6.94 (EIRP)	14.00	7.06
Measurement uncertainty			± 1.5 dB				

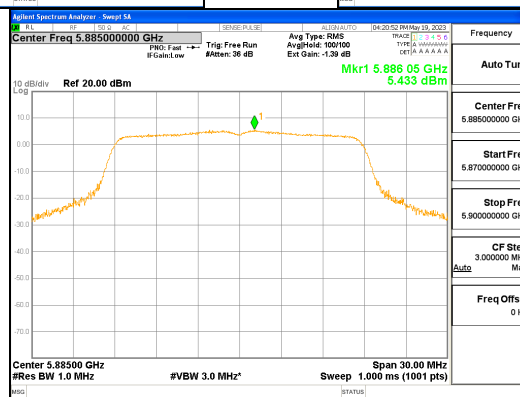
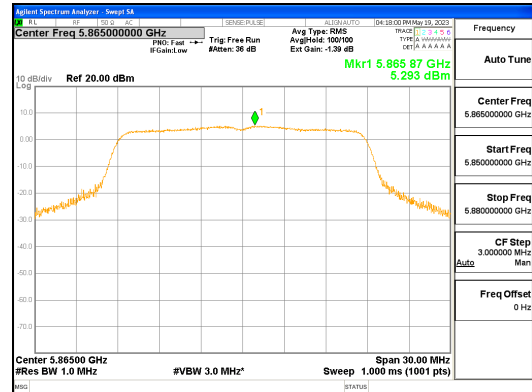
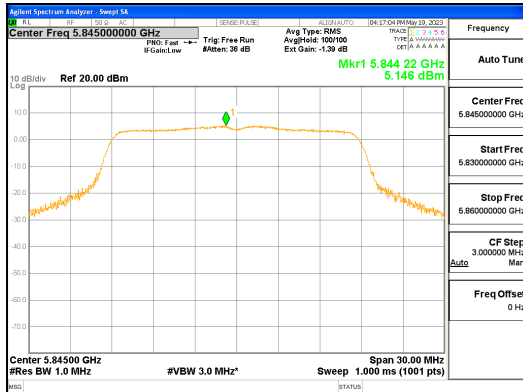
See next pages for actual measured spectrum plots.



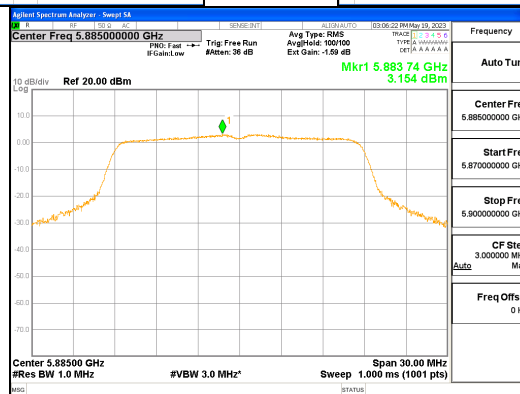
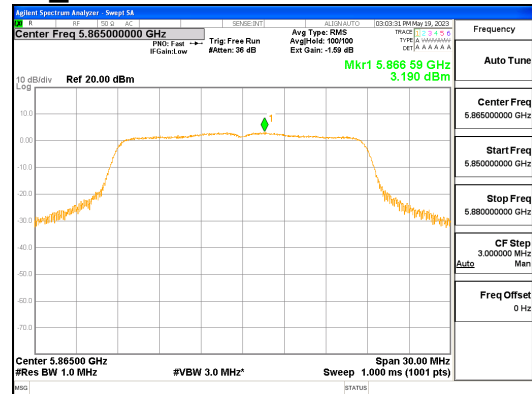
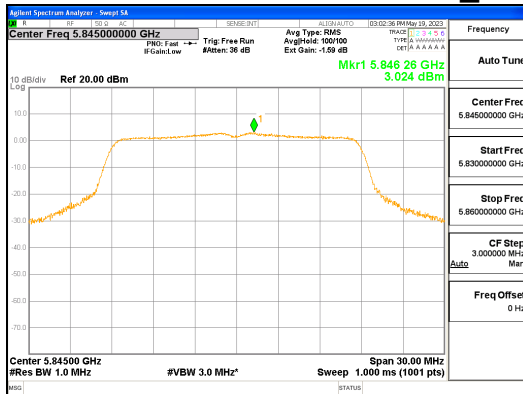
ANT L_802.11a_UNII 4



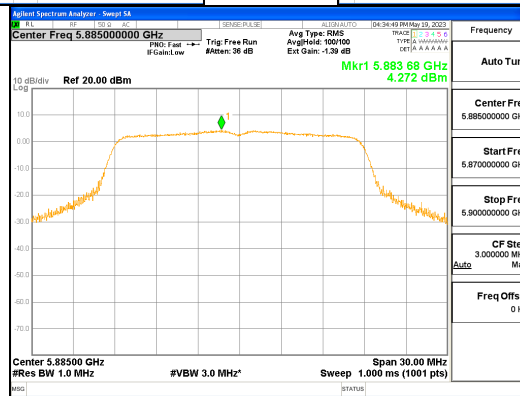
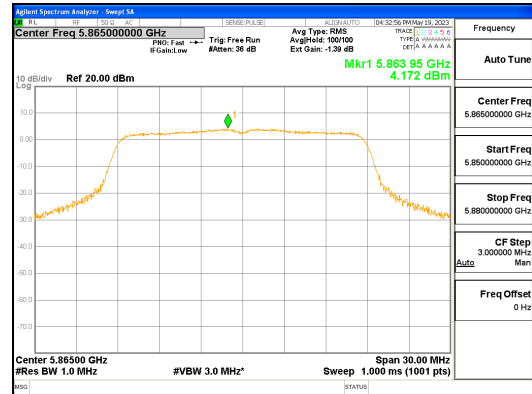
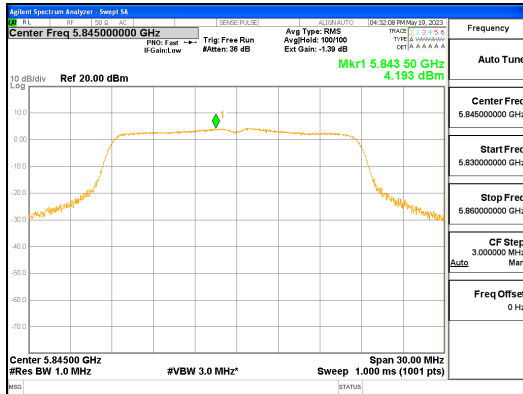
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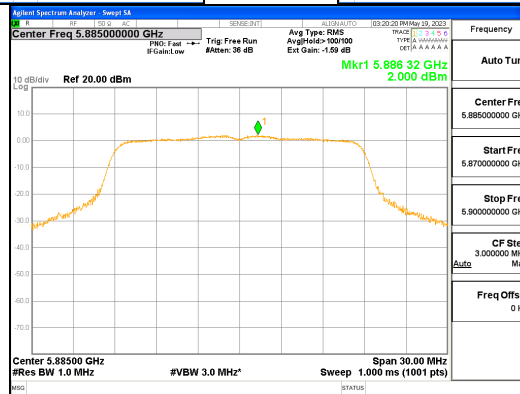
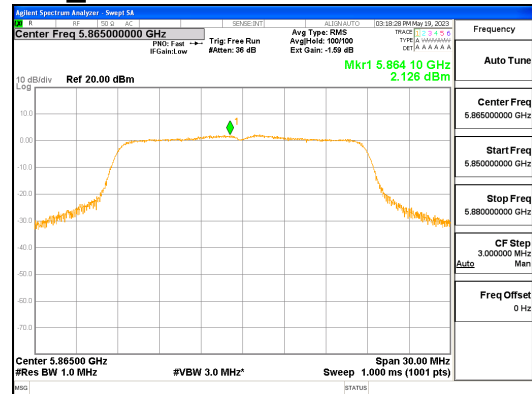
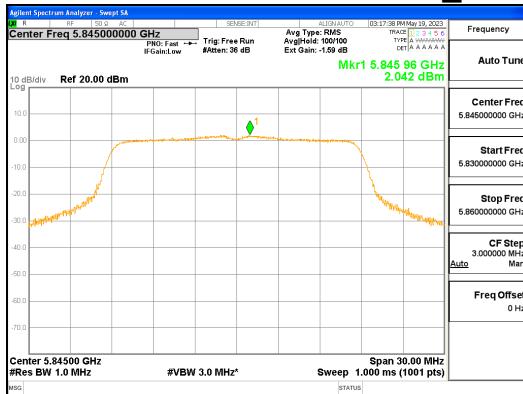
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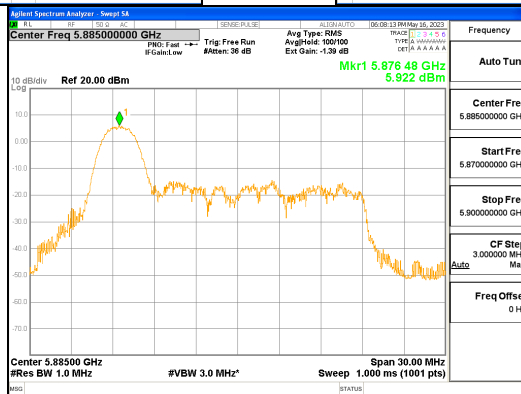
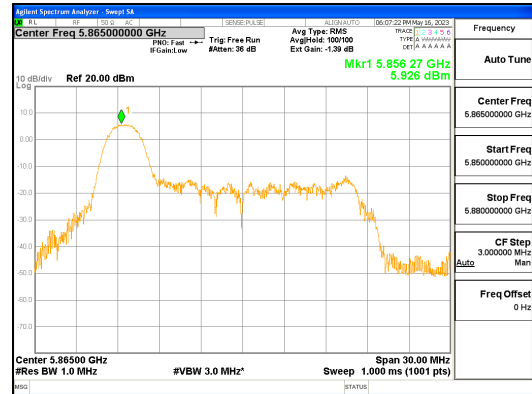
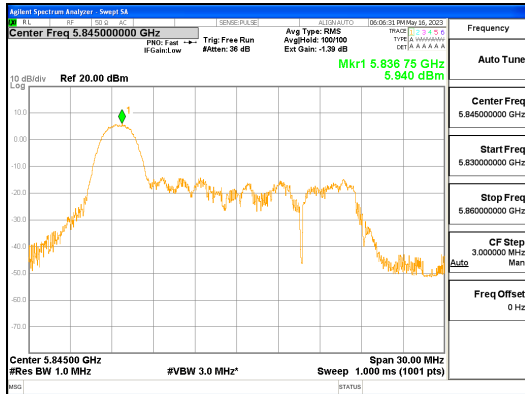
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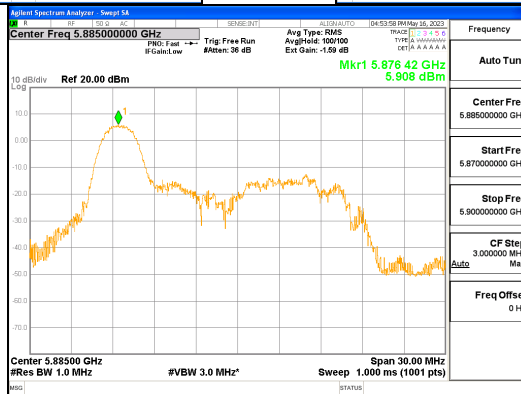
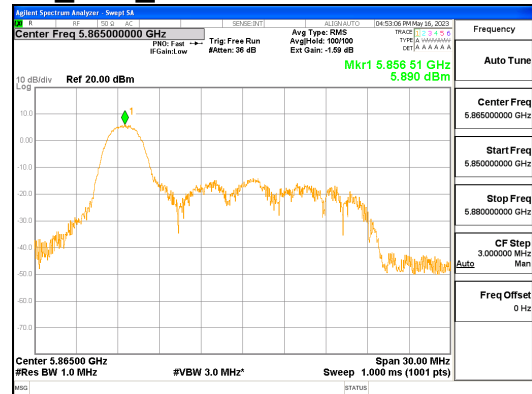
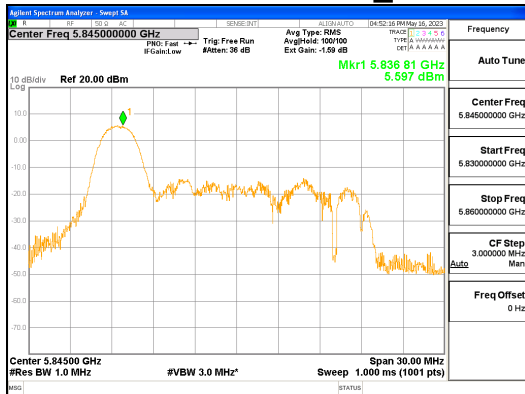
ANT L_802.11ac_VHT20_UNII 4



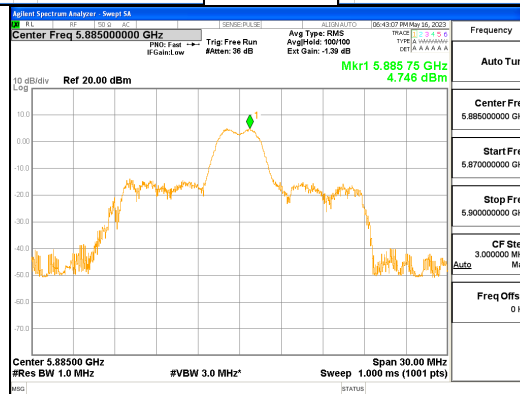
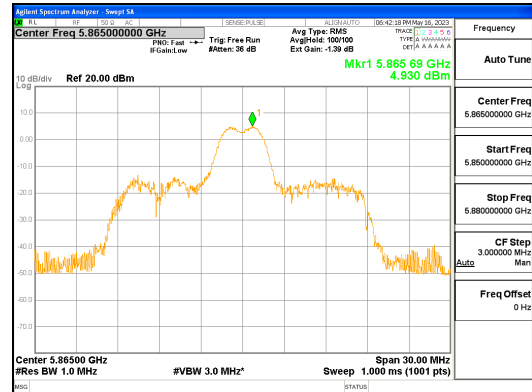
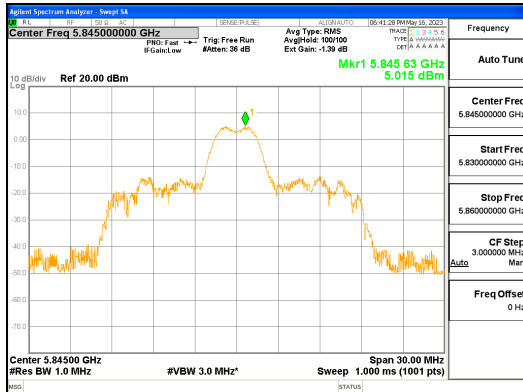
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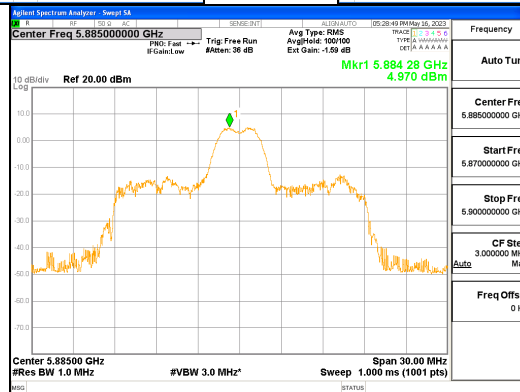
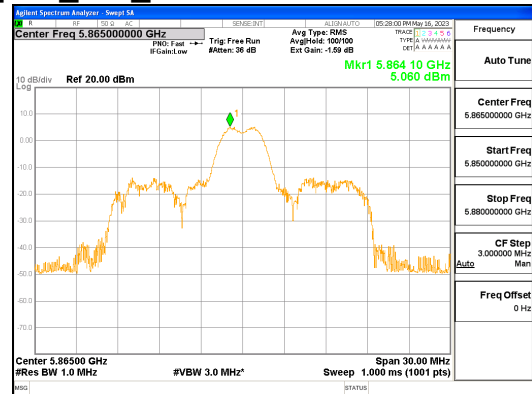
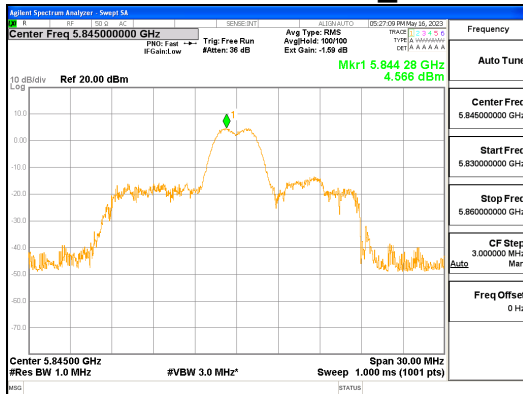
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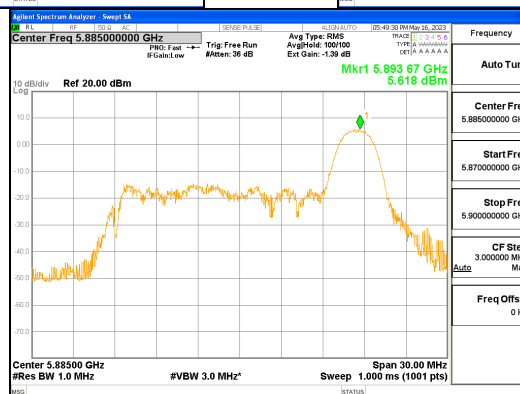
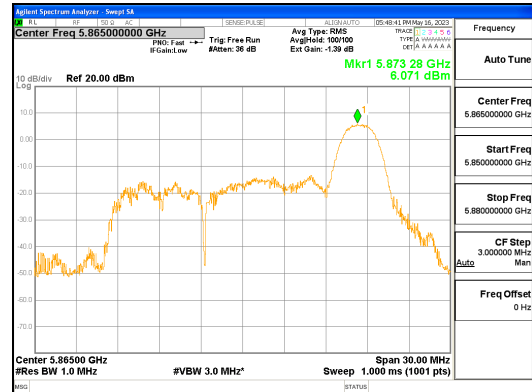
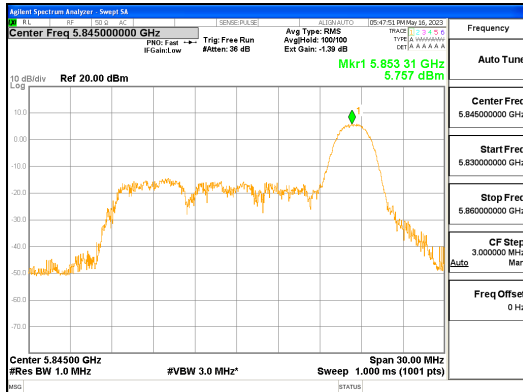
ANT R_802.11ax_HE20_26T_Low_UNII 4



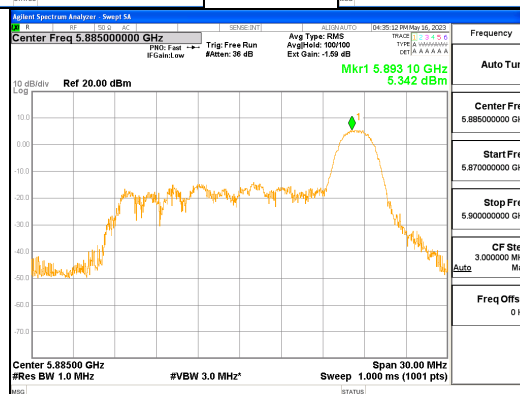
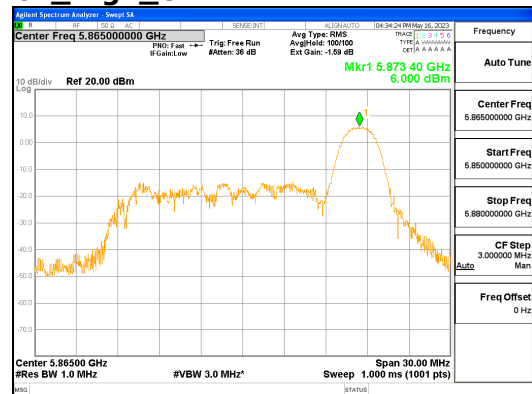
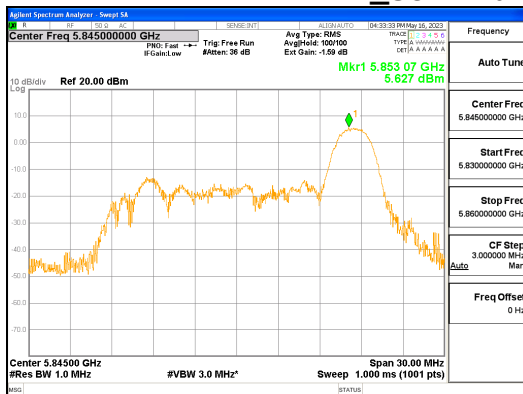
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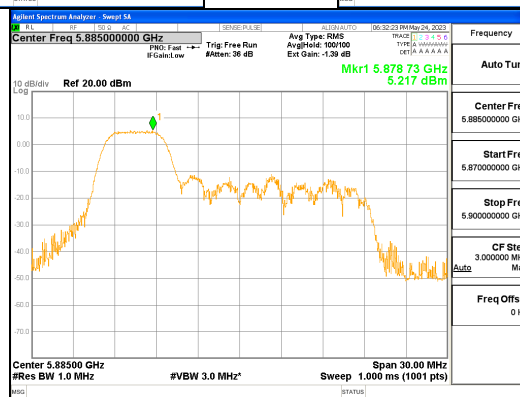
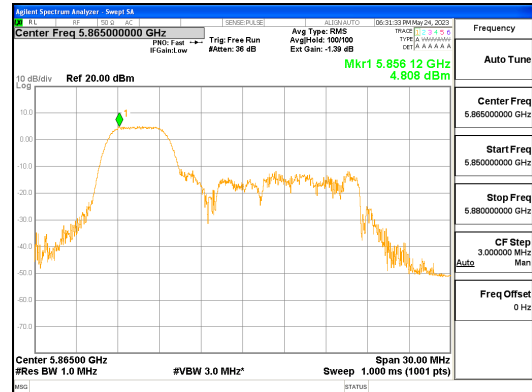
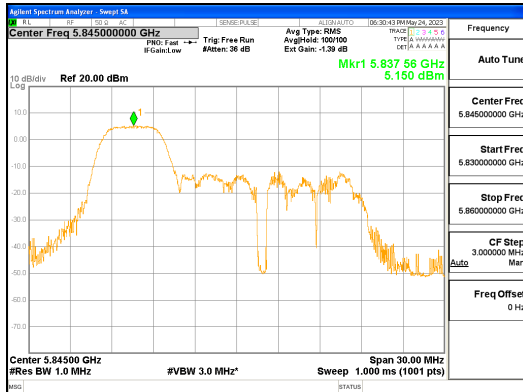
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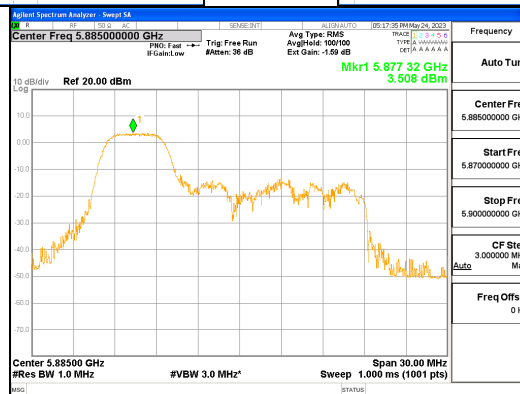
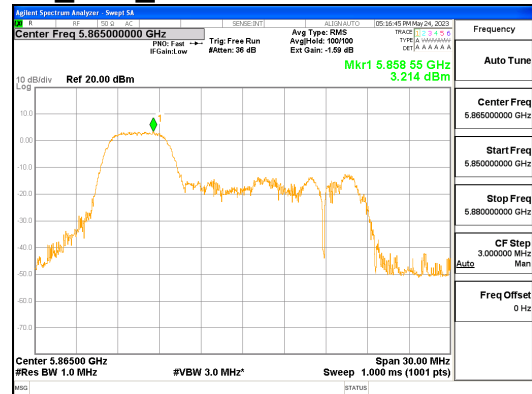
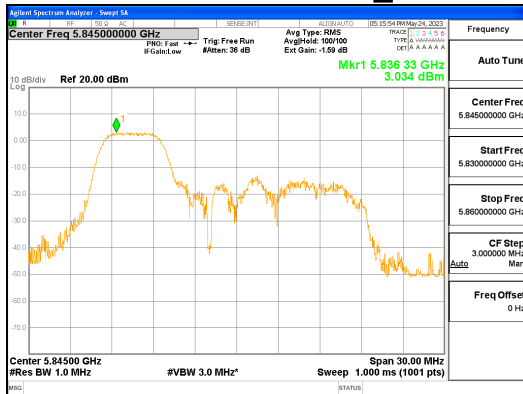
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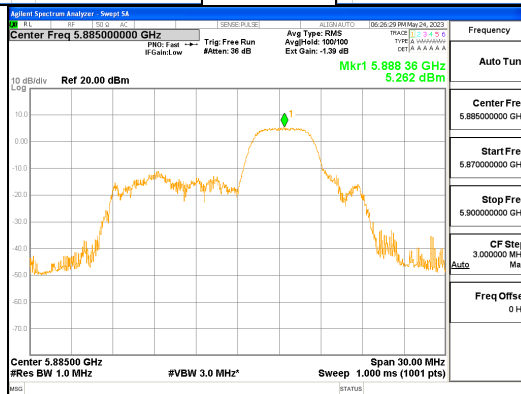
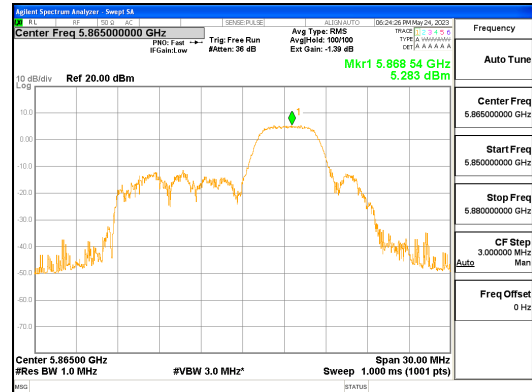
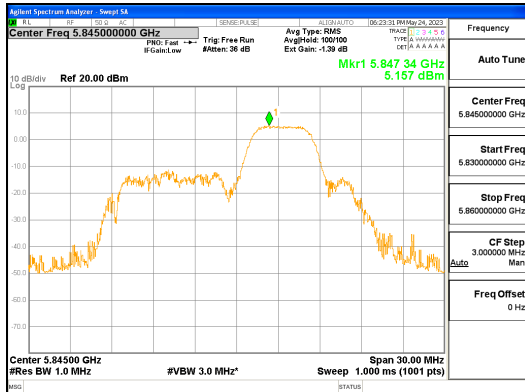
ANT R_802.11ax_HE20_26T_High_UNII 4



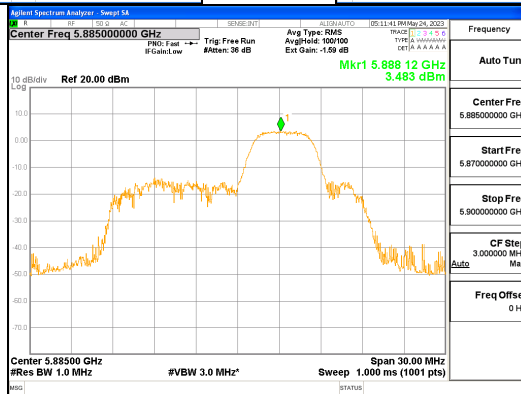
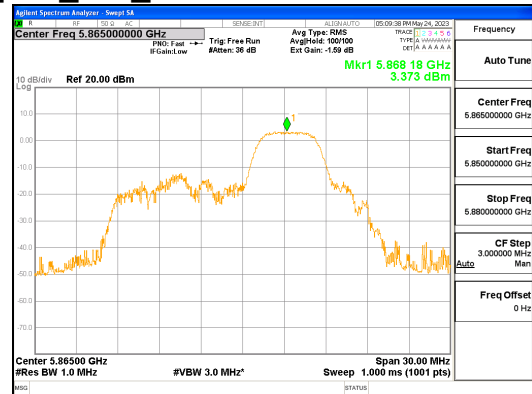
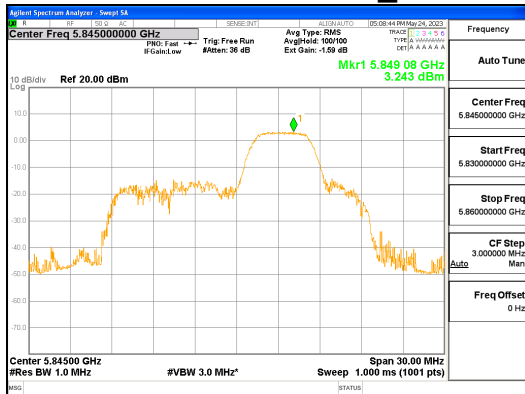
ANT L_802.11ax_HE20_52T_Low_UNII 4



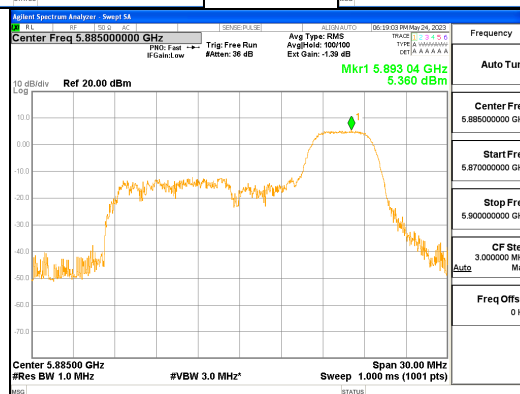
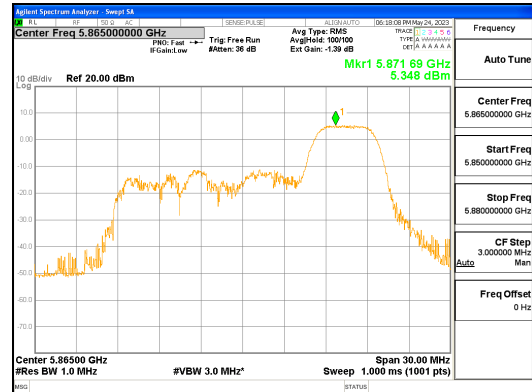
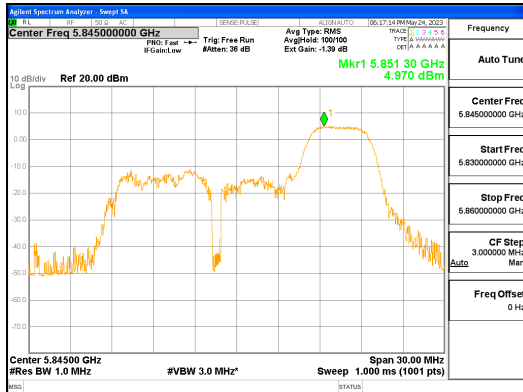
ANT R_802.11ax_HE20_52T_Low_UNII 4



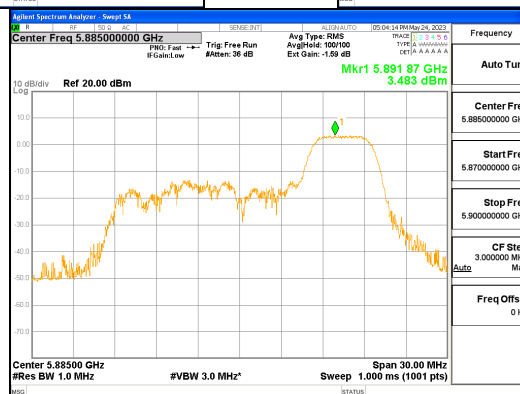
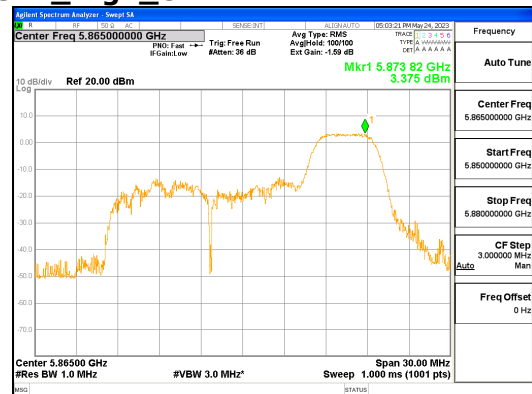
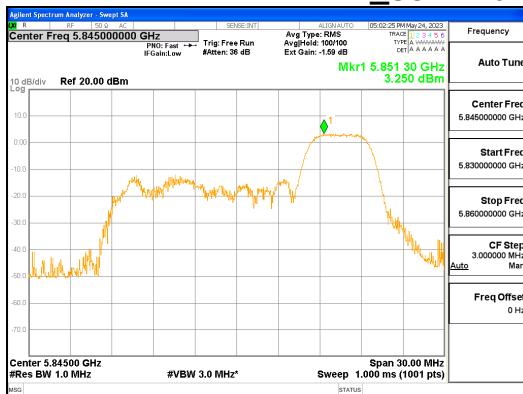
ANT L_802.11ax_HE20_52T_Mid_UNII 4



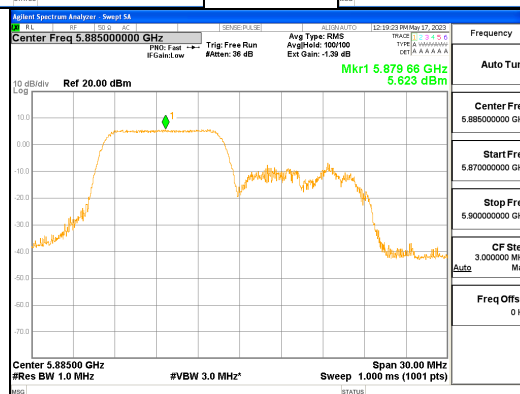
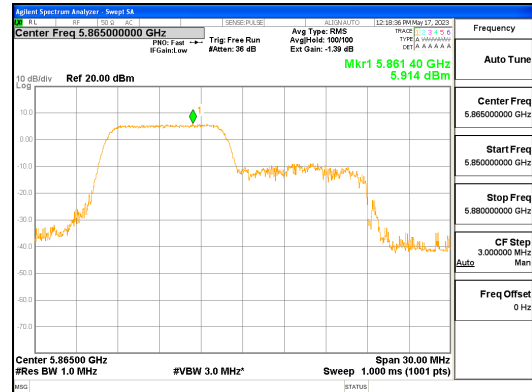
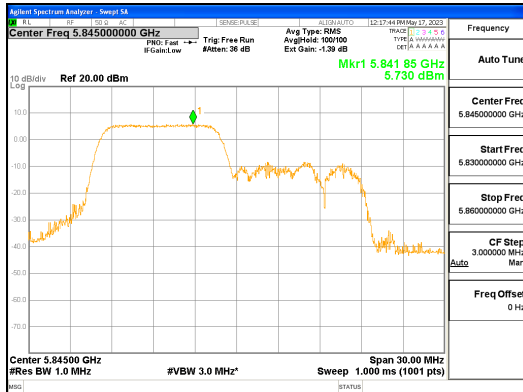
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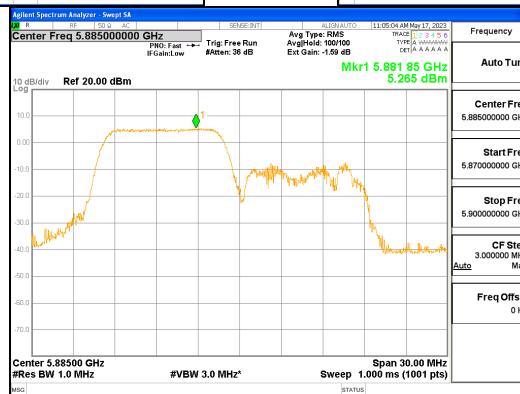
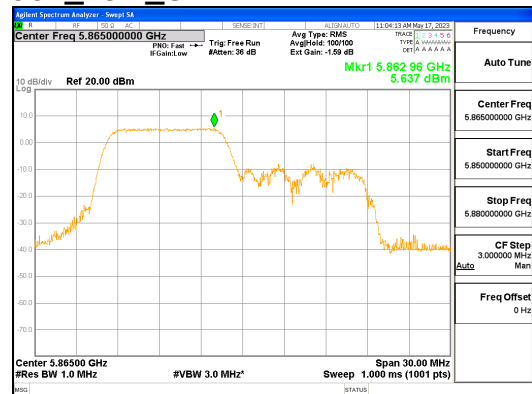
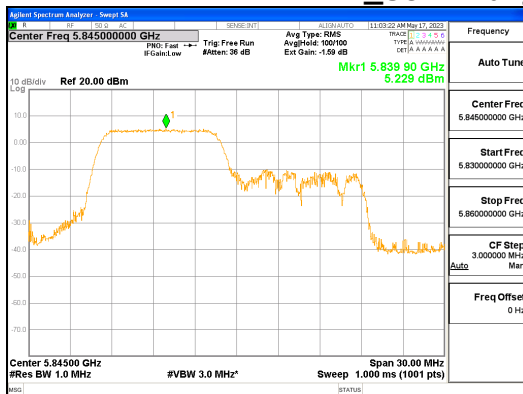
ANT L_802.11ax_HE20_52T_High_UNII 4



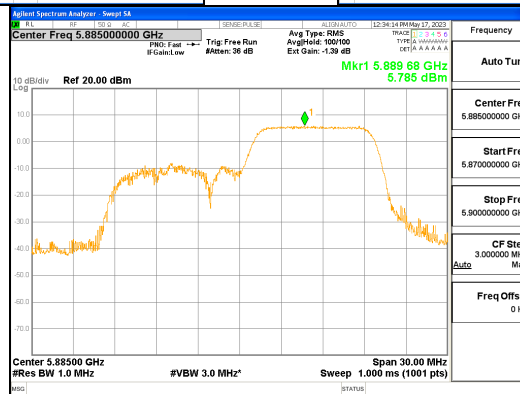
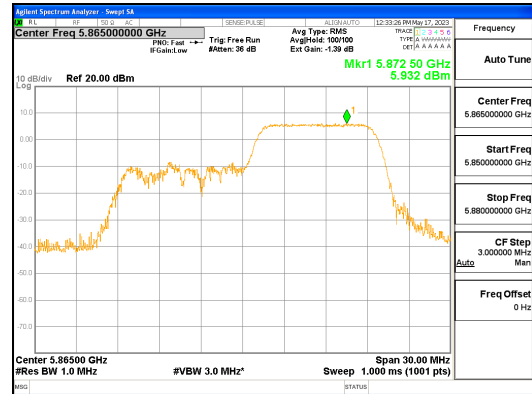
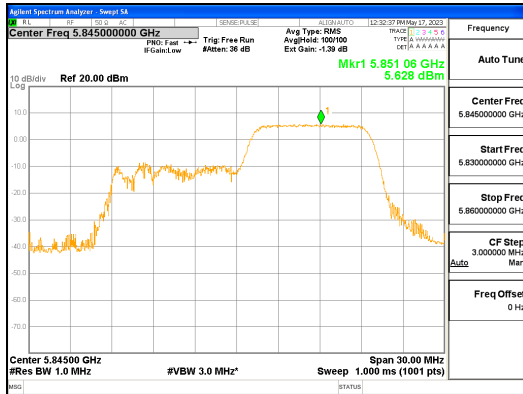
ANT R_802.11ax_HE20_52T_High_UNII 4



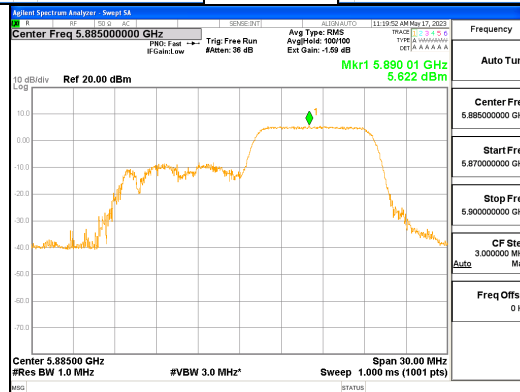
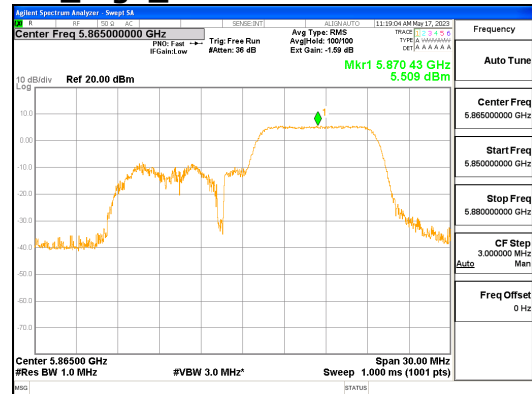
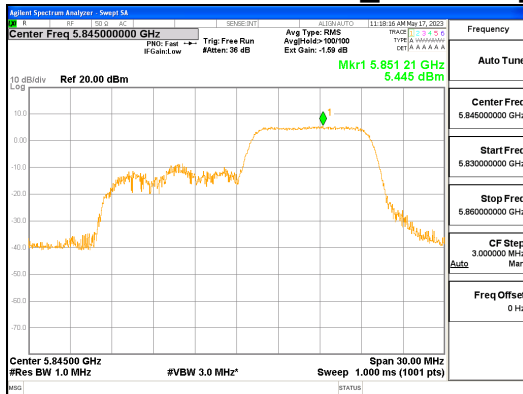
ANT L_802.11ax_HE20_106T_Low_UNII 4



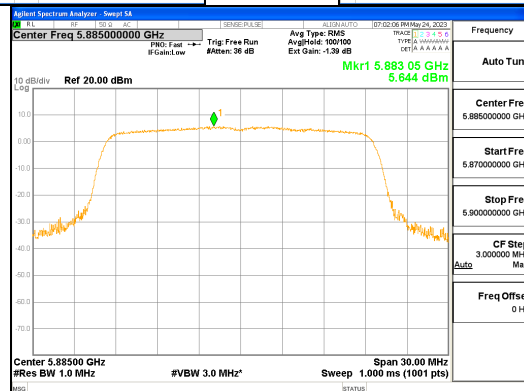
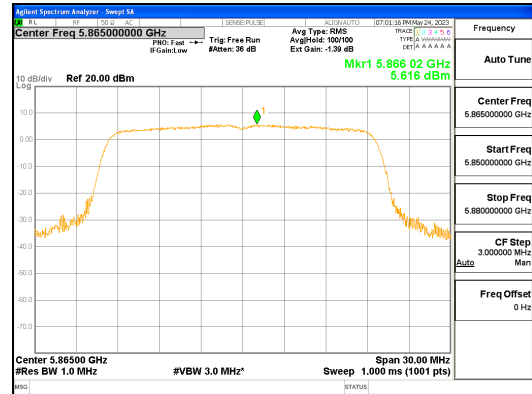
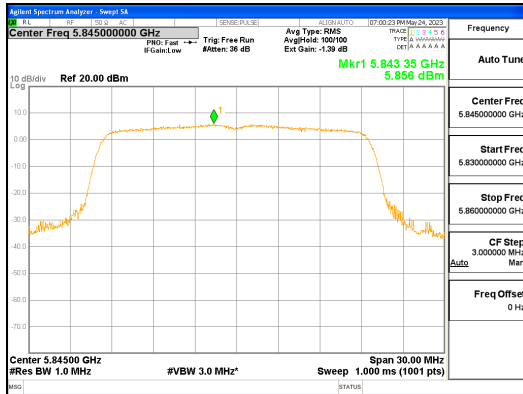
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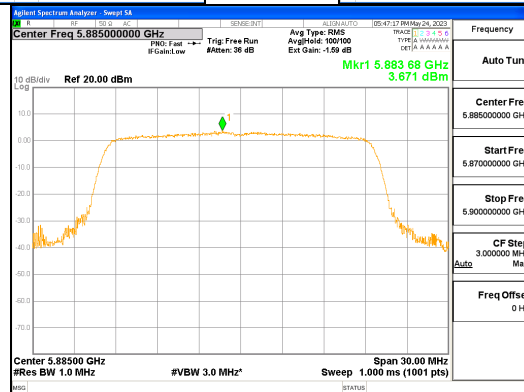
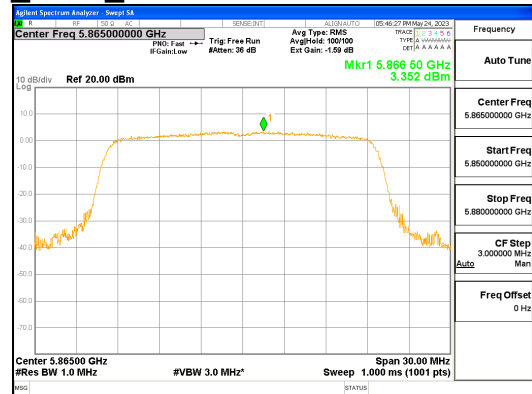
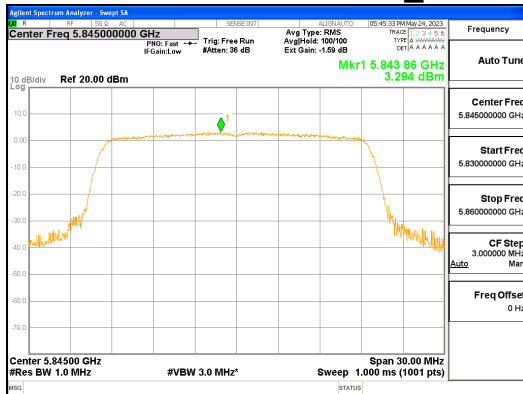
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ANT R_802.11ax_HE20_106T_High_UNII 4

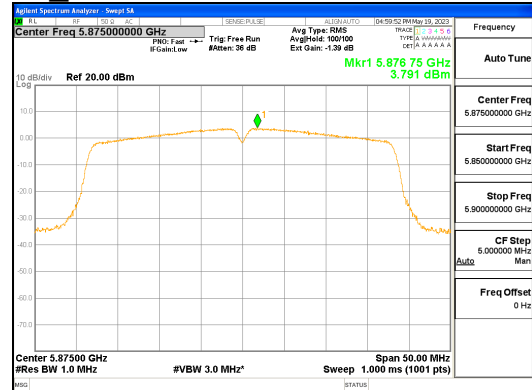
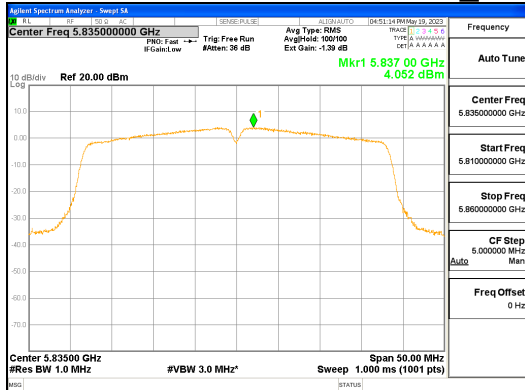


ANT L_802.11ax_HE20_242T_UNII 4

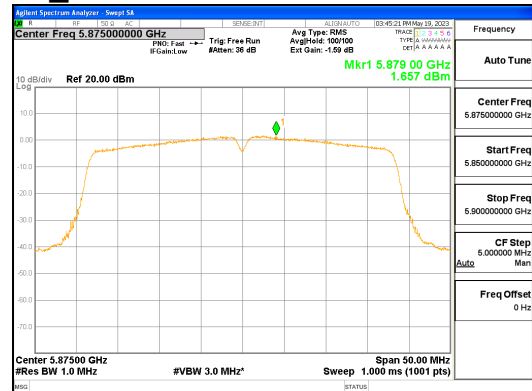
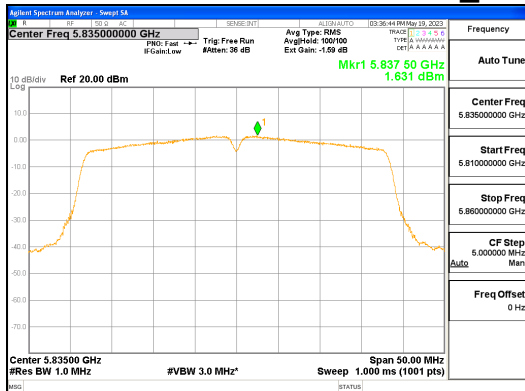


ANT R_802.11ax_HE20_242T_UNII 4

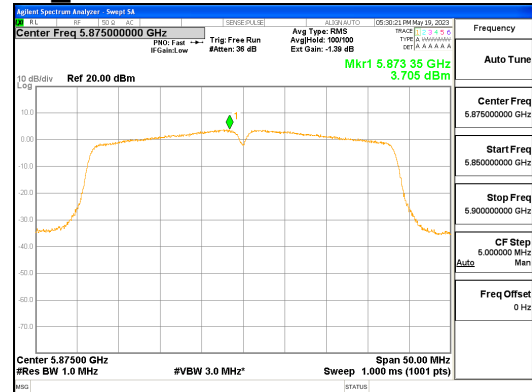
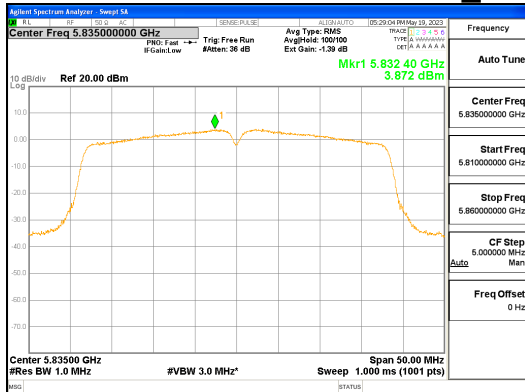
ANT L_802.11n_HT40_UNII 3



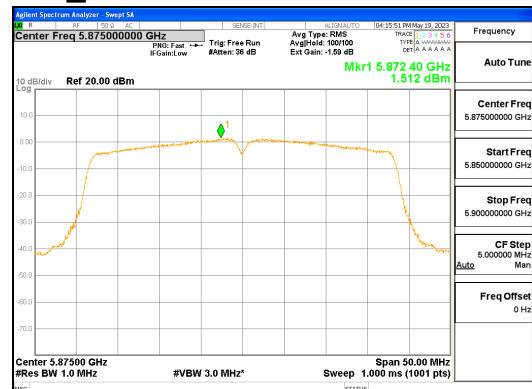
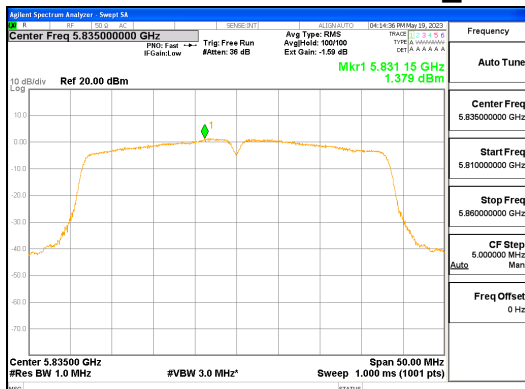
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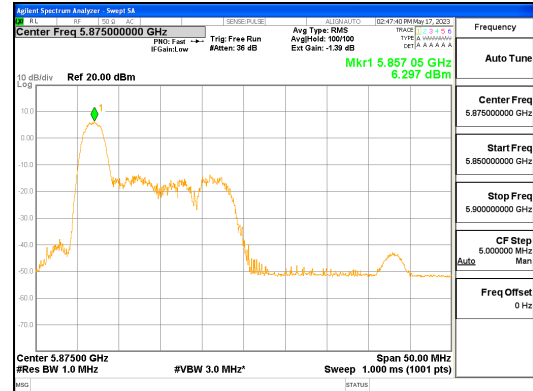
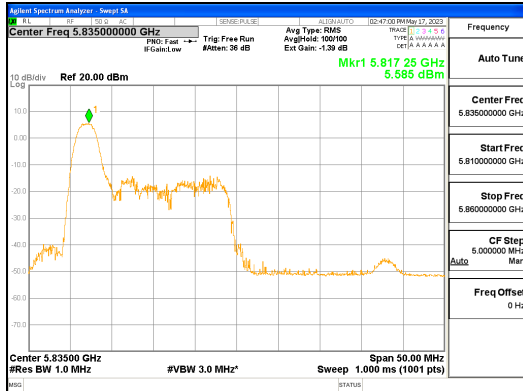
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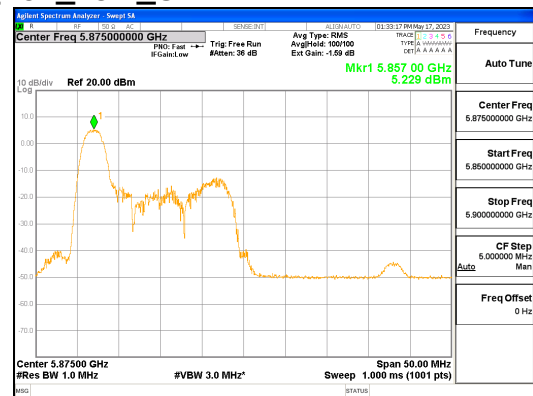
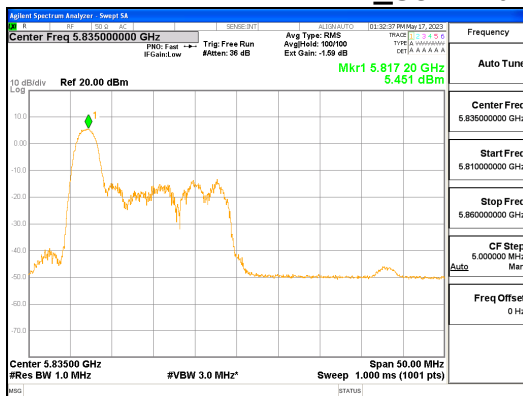
ANT L_802.11ac_VHT40_UNII 4



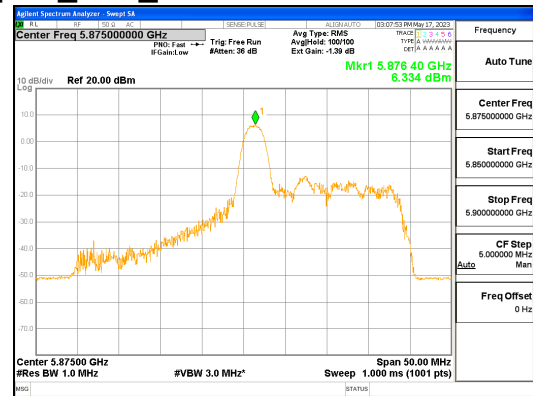
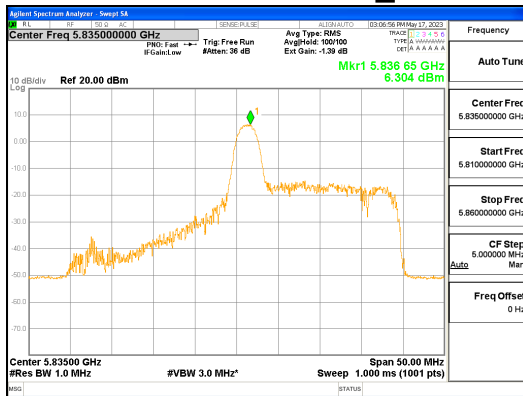
ANT R_802.11ac_VHT40_UNII 4



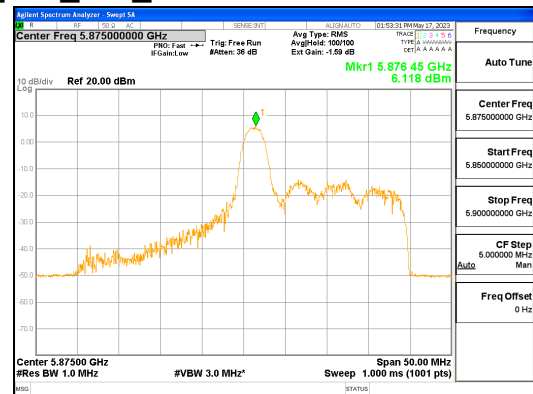
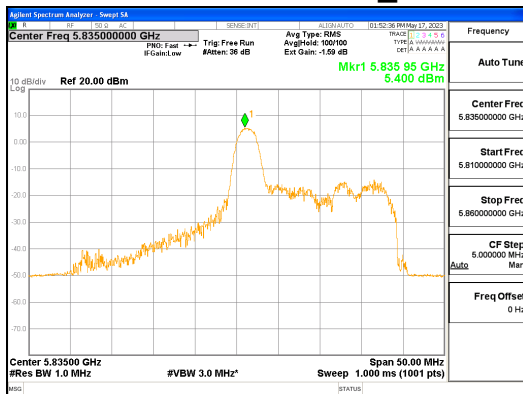
ANT L_802.11ax_HE40_26T_Low_UNII 4



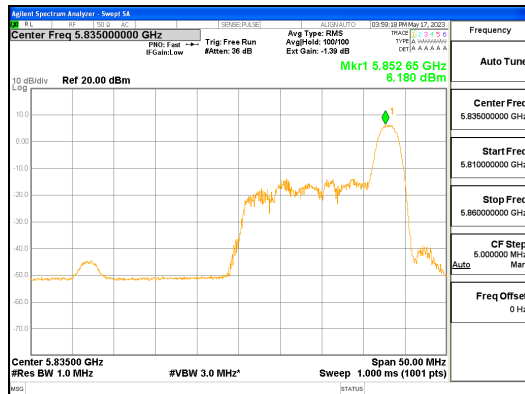
ANT R_802.11ax_HE40_26T_Low_UNII 4



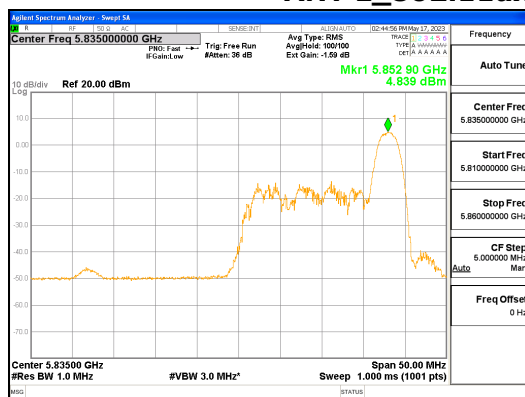
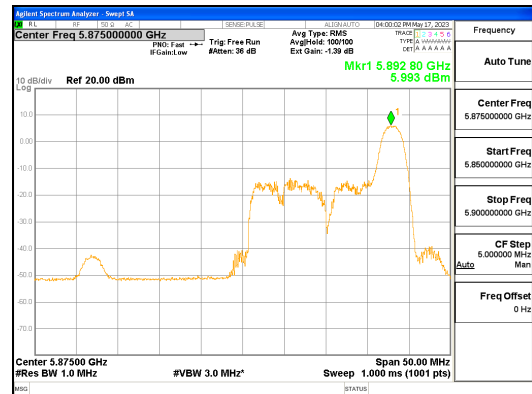
ANT L_802.11ax_HE40_26T_Mid_UNII 4



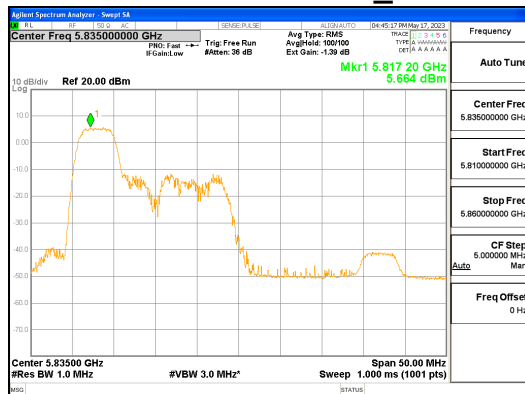
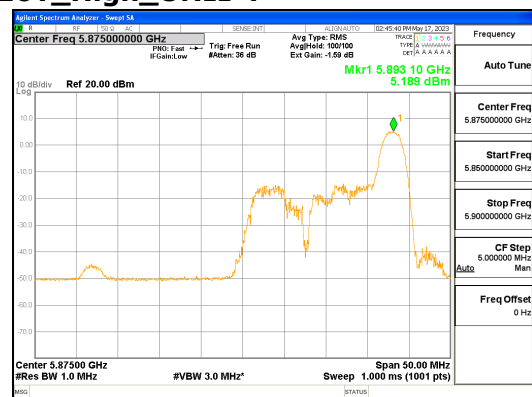
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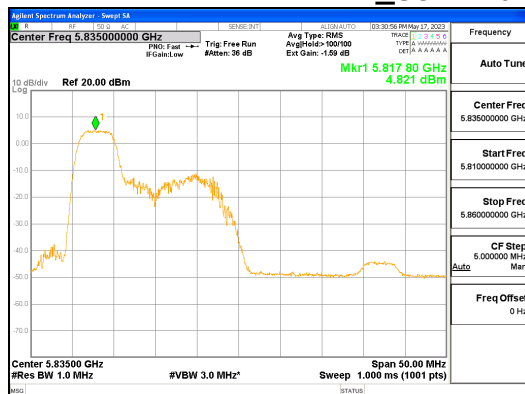
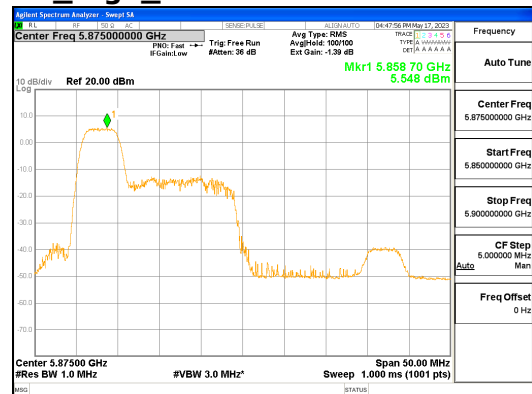
ANT L_802.11ax_HE40_26T_High_UNII 4



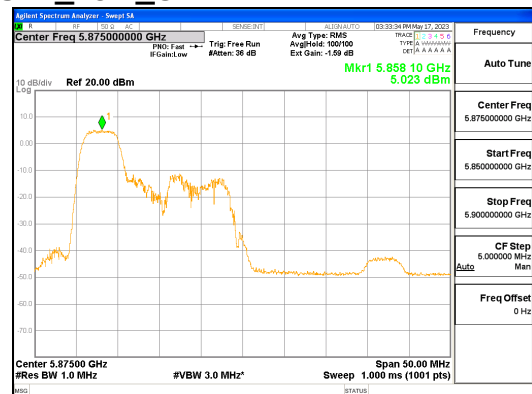
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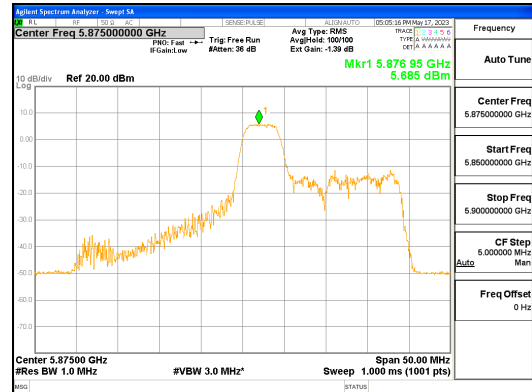
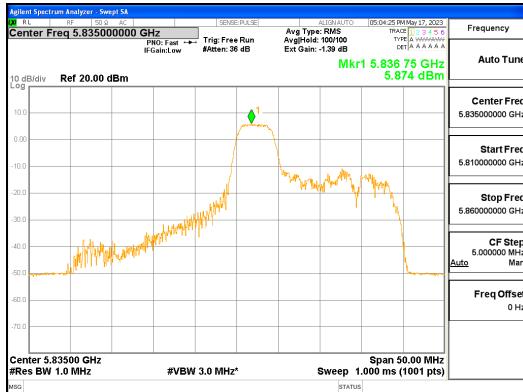


ANT L_802.11ax_HE40_52T_Low_UNII 4

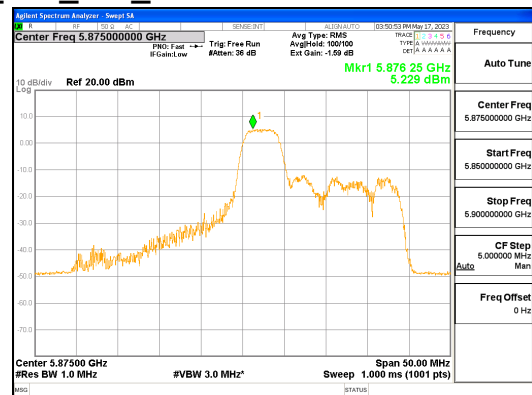
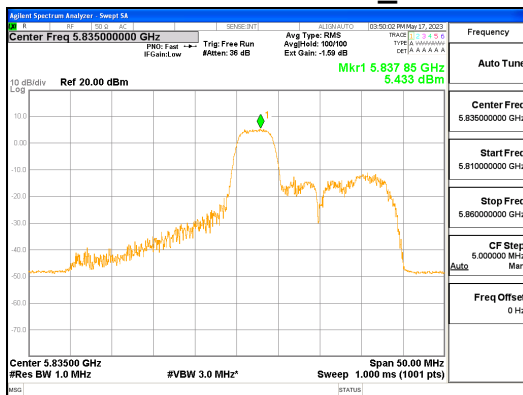


ANT R_802.11ax_HE40_52T_Low_UNII 4

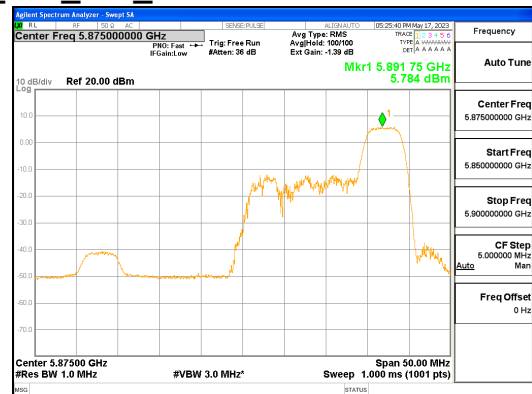
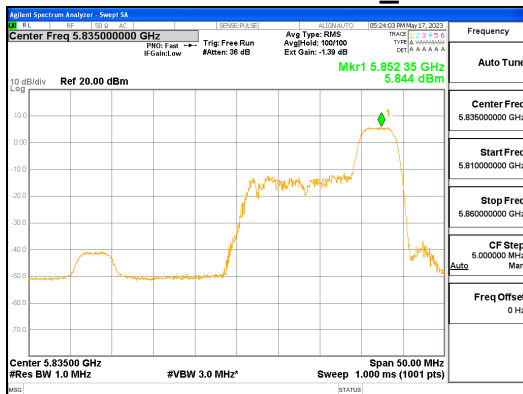




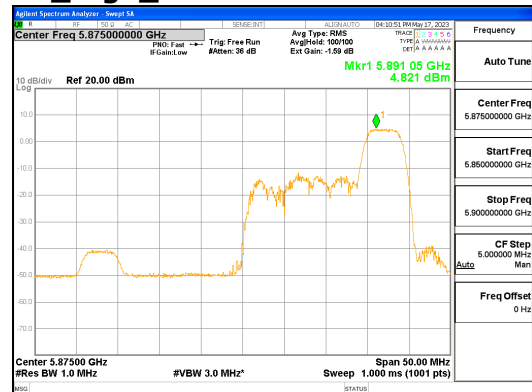
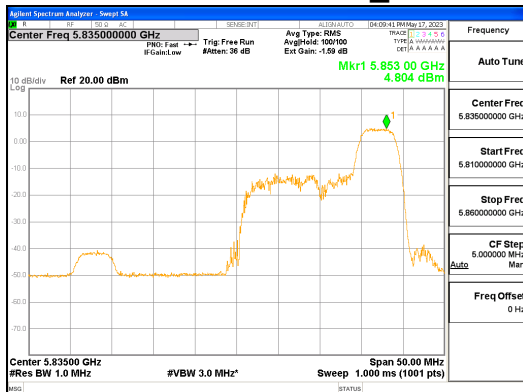
ANT L_802.11ax_HE40_52T_Mid_UNII 4



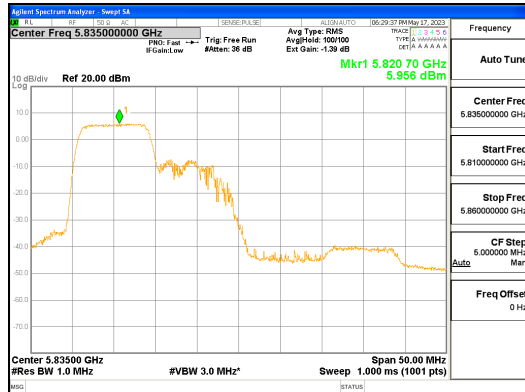
ANT R_802.11ax_HE40_52T_Mid_UNII 4



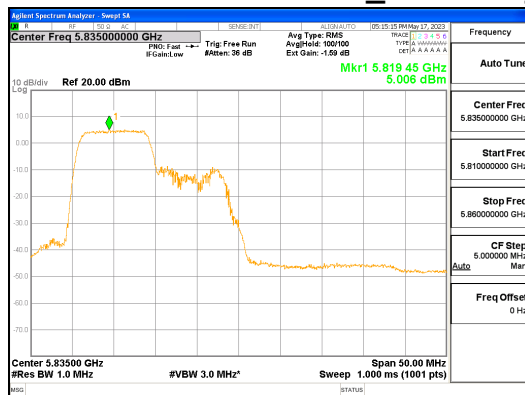
ANT L_802.11ax_HE40_52T_High_UNII 4



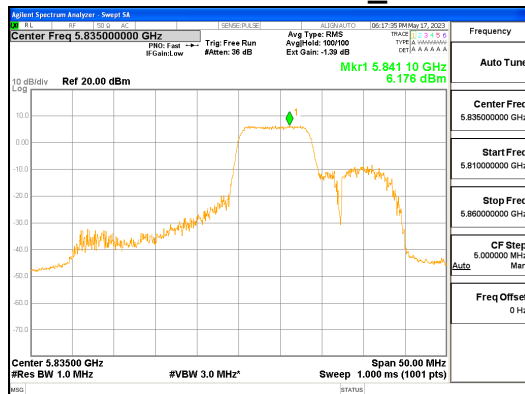
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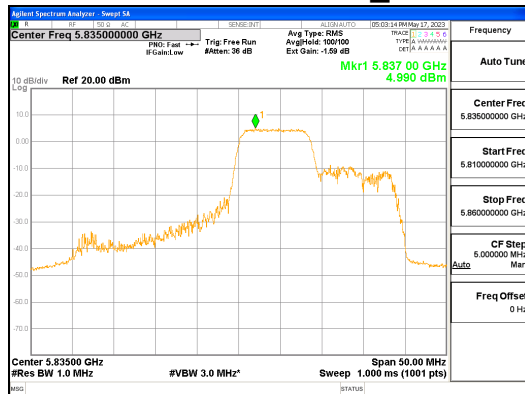
ANT L_802.11ax_HE40_106T_Low_UNII 4



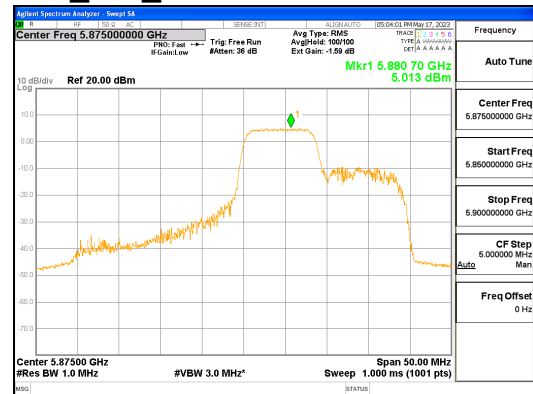
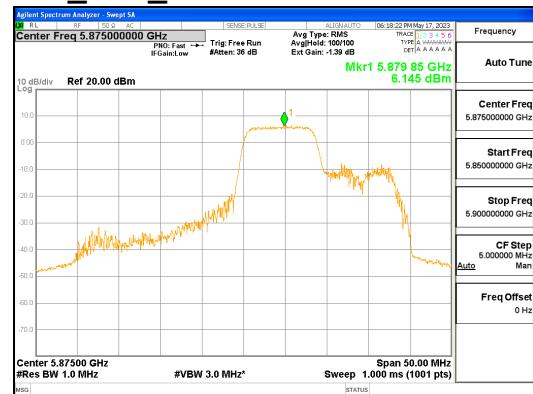
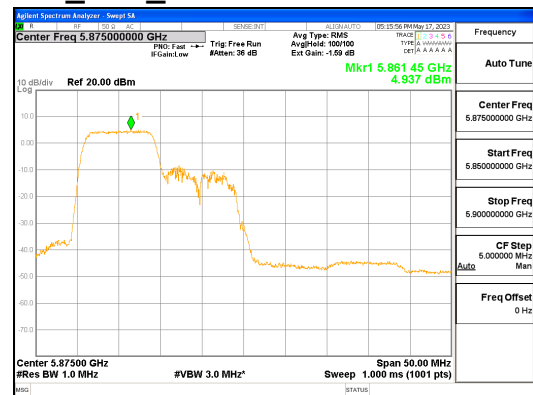
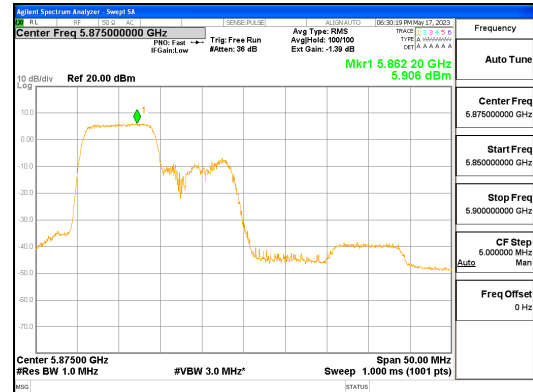
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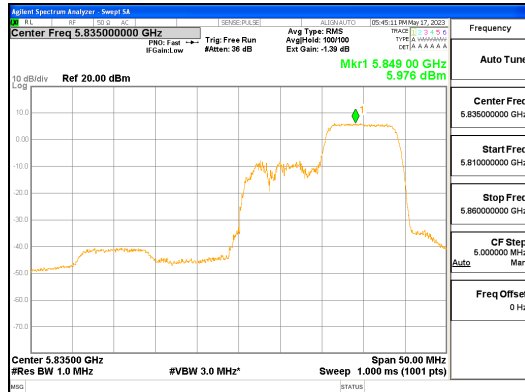


ANT L_802.11ax_HE40_106T_Mid_UNII 4

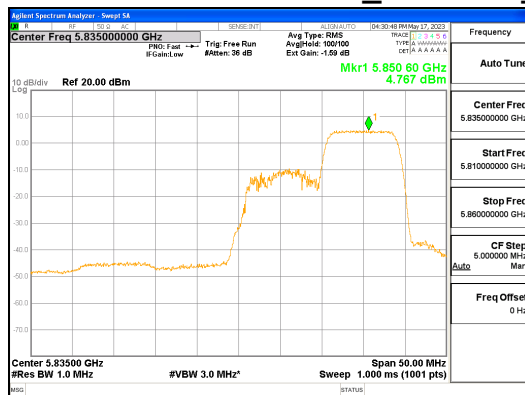


ANT R_802.11ax_HE40_106T_Mid_UNII 4

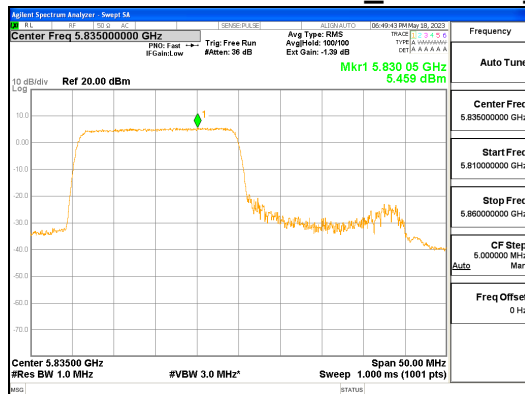




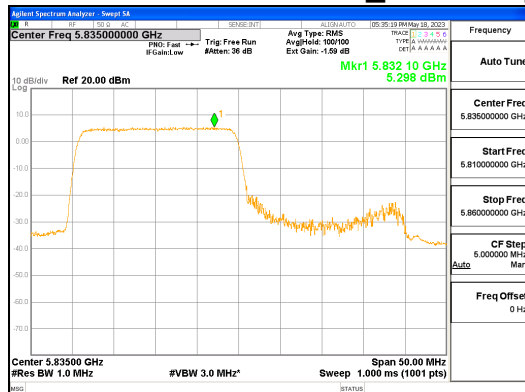
ANT L_802.11ax_HE40_106T_High_UNII 4



ANT R_802.11ax_HE40_106T_High_UNII 4



ANT L_802.11ax_HE40_242T_Low_UNII 4



ANT R_802.11ax_HE40_242T_Low_UNII 4

