



Frequency Stability

Test Result

Condition	Mode	Ch.	RU & Index	Antenna	Center Frequency (MHz)	Calculated Value of Center Frequency(MHz)	Result (ppm)	Limit (ppm)	State	
NT/NV	IEEE 802.11a	36	N/A	0	5180.0	5179.978693	-4.11	Within authorized band	PASS	
		40			5200.0	5199.978381	-4.16		PASS	
		48			5240.0	5239.978193	-4.16		PASS	
	IEEE 802.11n_20	36			5180.0	5179.978431	-4.16		PASS	
		40			5200.0	5199.978381	-4.16		PASS	
		48			5240.0	5239.978218	-4.16		PASS	
	IEEE 802.11n_40	38			5190.0	5189.978443	-4.15		PASS	
		46			5230.0	5229.978306	-4.15		PASS	
	IEEE 802.11ac_20	36			5180.0	5179.978531	-4.14		PASS	
		40			5200.0	5199.978431	-4.15		PASS	
		48			5240.0	5239.978256	-4.15		PASS	
	IEEE 802.11ac_40	38			5190.0	5189.978443	-4.15		PASS	
		46			5230.0	5229.978356	-4.14		PASS	
	IEEE 802.11ac_80	42			5210.0	5209.978418	-4.14		PASS	
	IEEE 802.11ax_20	36	SU		5180.0	5179.978543	-4.14		PASS	
		40			5200.0	5199.978856	-4.07		PASS	
		48			5240.0	5239.978406	-4.12		PASS	
		IEEE 802.11ax_40			38	5190.0	5189.978556		-4.13	PASS
					46	5230.0	5229.978381		-4.13	PASS
		IEEE 802.11ax_80			42	5210.0	5209.978456		-4.14	PASS

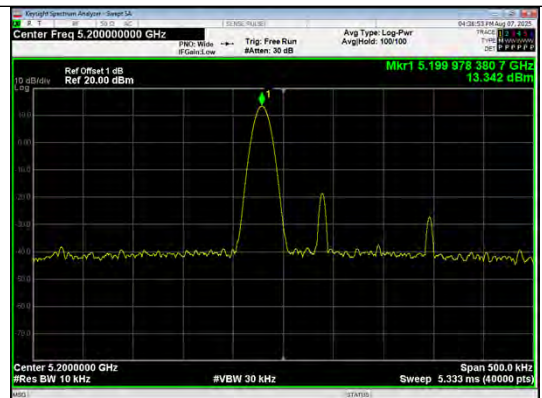
Test Graphs

NT/NV

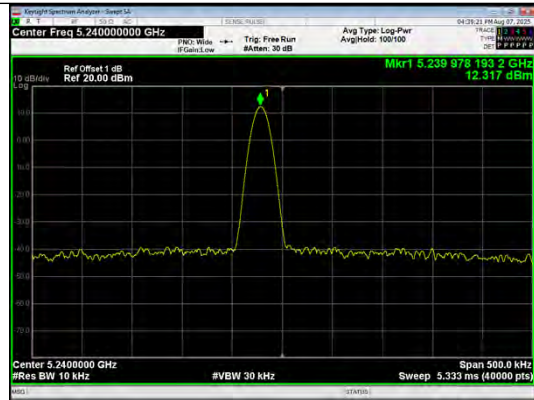
IEEE 802.11a



NT/NV_Antenna 0
IEEE 802.11a_Channel 36_20MHz



NT/NV_Antenna 0
IEEE 802.11a_Channel 40_20MHz

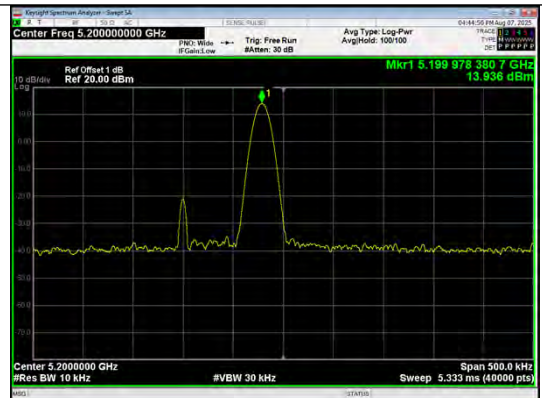


NT/NV_Antenna 0
IEEE 802.11a_Channel 48_20MHz

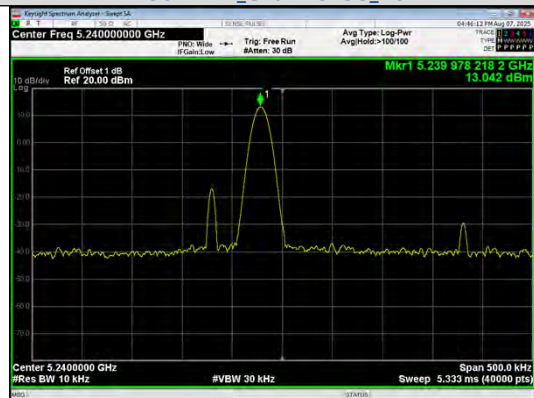
IEEE 802.11n_20



NT/NV_Antenna 0
IEEE 802.11n_Channel 36_20MHz

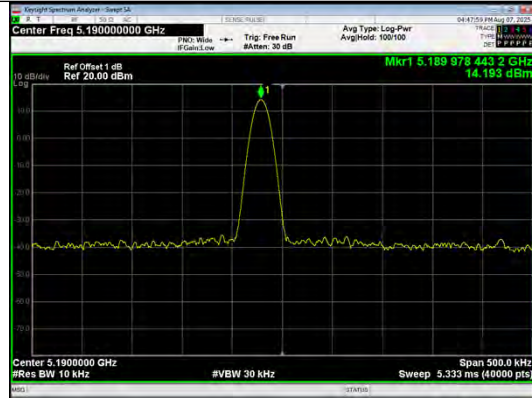


NT/NV_Antenna 0
IEEE 802.11n_Channel 40_20MHz

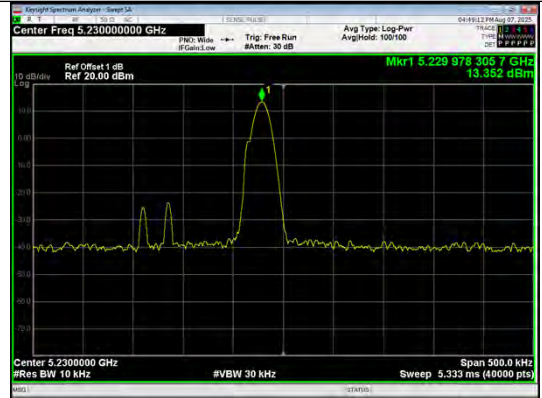


NT/NV_Antenna 0
IEEE 802.11n_Channel 48_20MHz

IEEE 802.11n_40

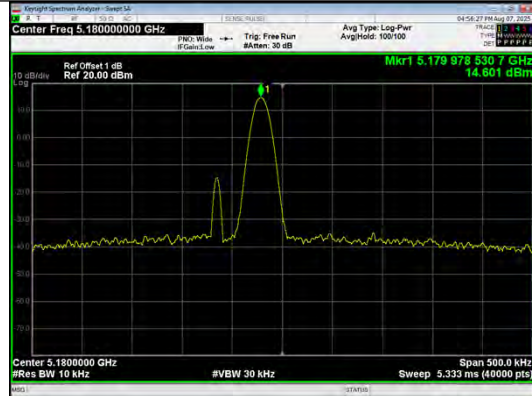


NT/NV_Antenna 0
IEEE 802.11n_Channel 38_40MHz

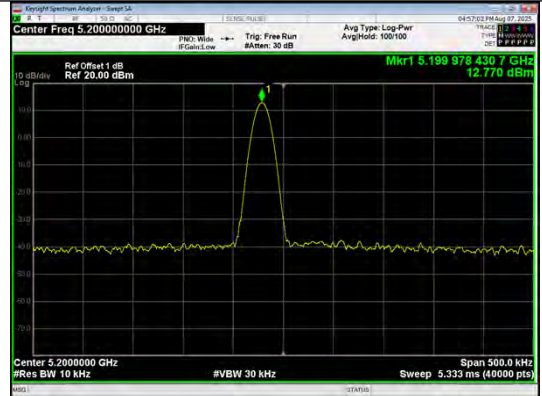


NT/NV_Antenna 0
IEEE 802.11n_Channel 46_40MHz

IEEE 802.11ac_20



NT/NV_Antenna 0
IEEE 802.11ac_Channel 36_20MHz

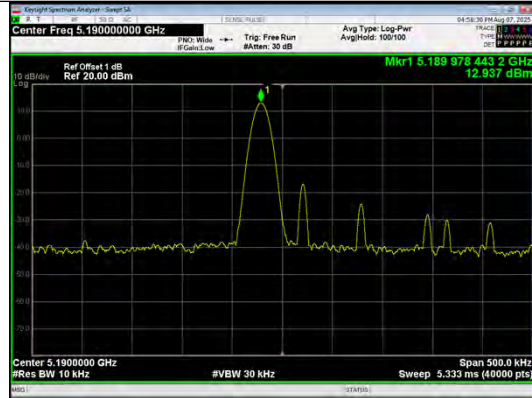


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IEEE 802.11ac_Channel 40_20MHz

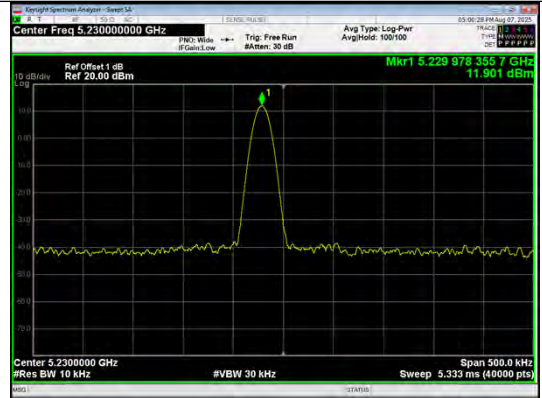


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IEEE 802.11ac_Channel 48_20MHz

IEEE 802.11ac_40

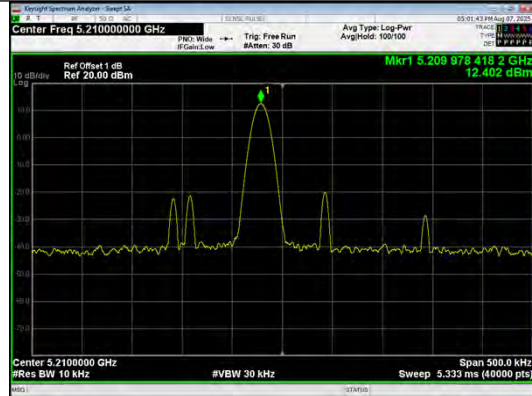


NT/NV_Antenna 0
IEEE 802.11ac_Channel 38_40MHz



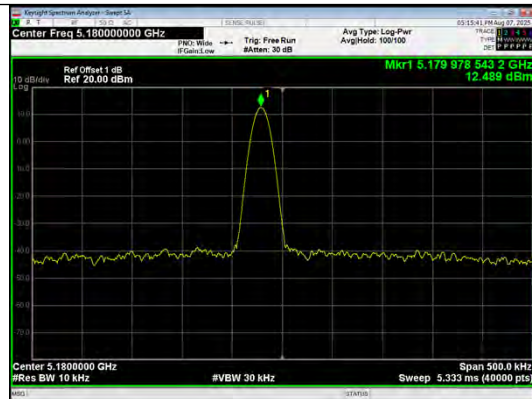
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IEEE 802.11ac_Channel 46_40MHz

IEEE 802.11ac_80

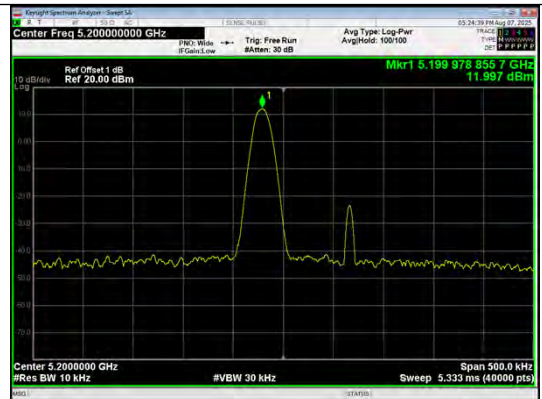


NT/NV_Antenna 0
IEEE 802.11ac_Channel 42_80MHz

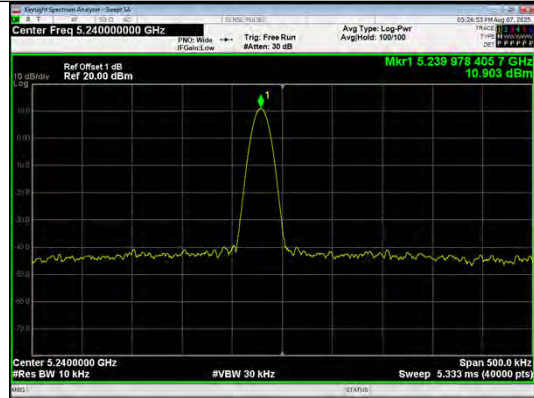
IEEE 802.11ax_20



NT/NV_Antenna 0
IEEE 802.11ax_Channel 36_20MHz

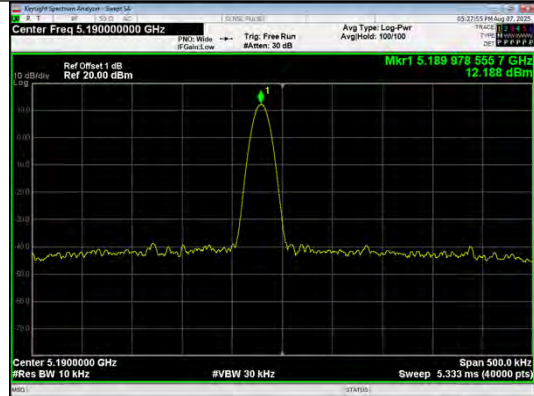


NT/NV_Antenna 0
IEEE 802.11ax_Channel 40_20MHz

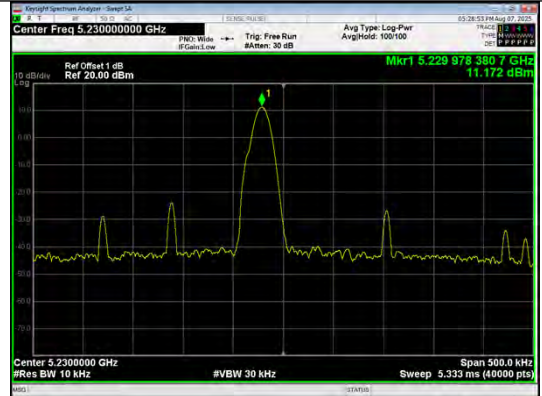


NT/NV_Antenna 0
IEEE 802.11ax_Channel 48_20MHz

IEEE 802.11ax_40

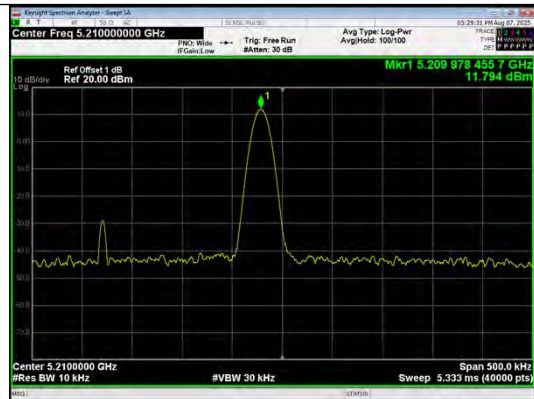


NT/NV_Antenna 0
IEEE 802.11ax_Channel 38_40MHz



NT/NV_Antenna 0
IEEE 802.11ax_Channel 46_40MHz

IEEE 802.11ax_80



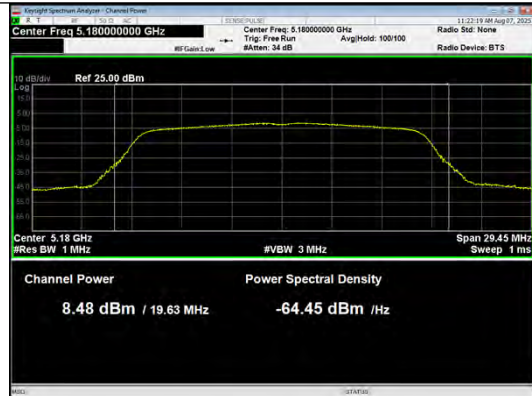
NT/NV_Antenna 0
IEEE 802.11ax_Channel 42_80MHz

Conducted Output Power

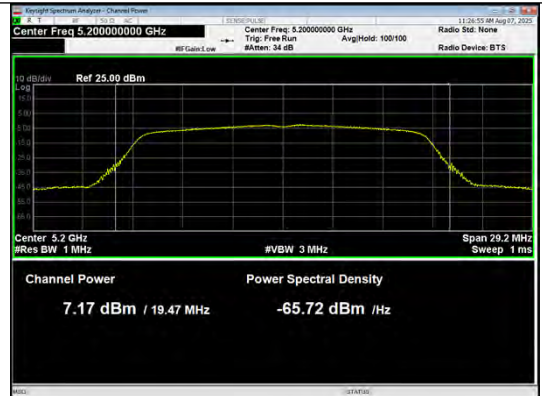
Conducted output power

Mode	Channel	RU & Index	Ant. 0 (dBm)	Corr'd Value Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	36	N/A	8.48	8.48	≤24	PASS
	40		7.17	7.17	≤24	PASS
	48		7.40	7.4	≤24	PASS
IEEE 802.11n_20	36		9.80	9.8	≤24	PASS
	40		9.81	9.81	≤24	PASS
	48		9.78	9.78	≤24	PASS
IEEE 802.11n_40	38		9.78	9.78	≤24	PASS
	46		10.25	10.25	≤24	PASS
IEEE 802.11ac_20	36		9.43	9.43	≤24	PASS
	40		9.78	9.78	≤24	PASS
	48		9.97	9.97	≤24	PASS
IEEE 802.11ac_40	38		9.67	9.67	≤24	PASS
	46		10.17	10.17	≤24	PASS
IEEE 802.11ac_80	42		9.58	9.58	≤24	PASS
IEEE 802.11ax_20	36	SU	9.87	9.87	≤24	PASS
	40		10.13	10.13	≤24	PASS
	48		9.99	9.99	≤24	PASS
IEEE 802.11ax_40	38		10.06	10.06	≤24	PASS
	46		10.44	10.44	≤24	PASS
IEEE 802.11ax_80	42		10.09	10.09	≤24	PASS

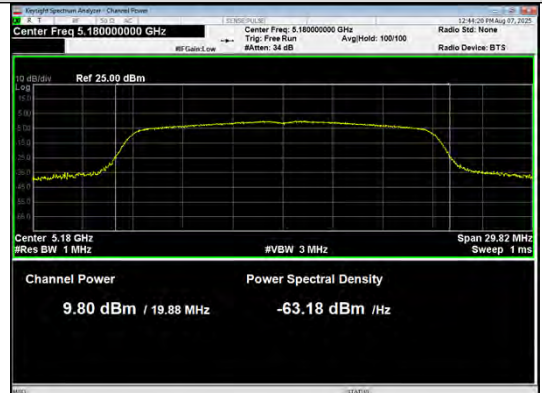
Note: Corrected Value = Antenna Power + Duty Cycle Factor.



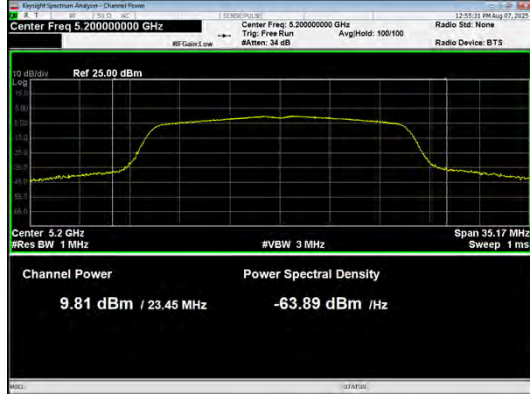
Conducted AVG output power
IEEE 802.11a_Channel 36_Antenna 0



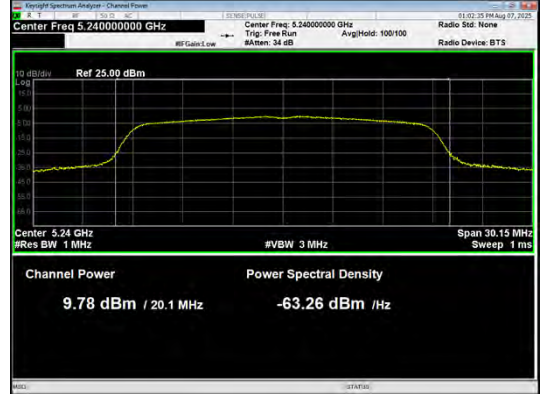
Conducted AVG output power
IEEE 802.11a_Channel 40_Antenna 0



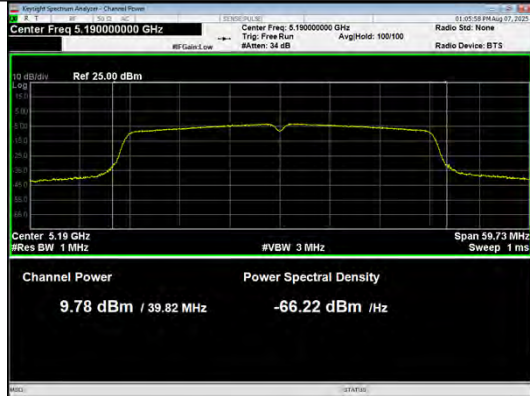
Conducted AVG output power IEEE 802.11a_Channel 48_Antenna 0



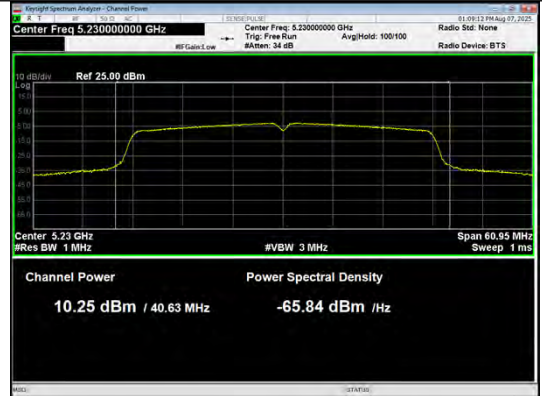
Conducted AVG output power IEEE 802.11n_20_Channel 36_Antenna 0



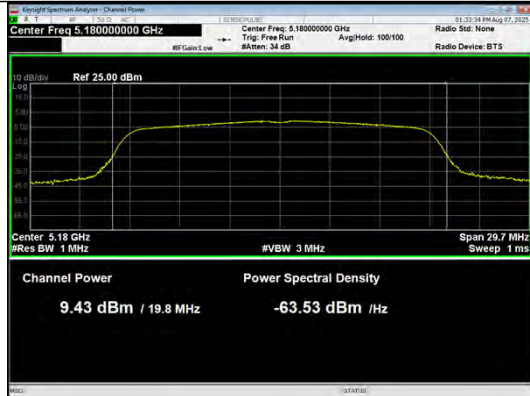
Conducted AVG output power IEEE 802.11n_20_Channel 40_Antenna 0



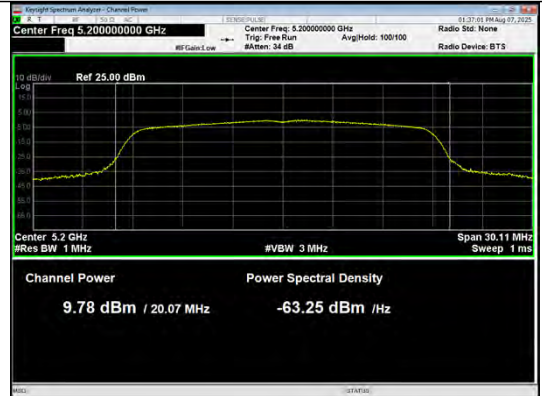
Conducted AVG output power IEEE 802.11n_20_Channel 48_Antenna 0



Conducted AVG output power IEEE 802.11n_40_Channel 38_Antenna 0

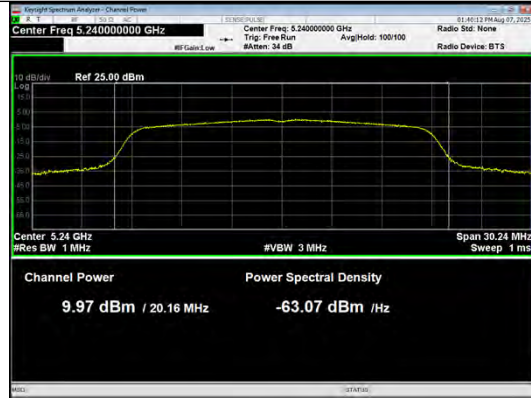


Conducted AVG output power IEEE 802.11n_40_Channel 46_Antenna 0

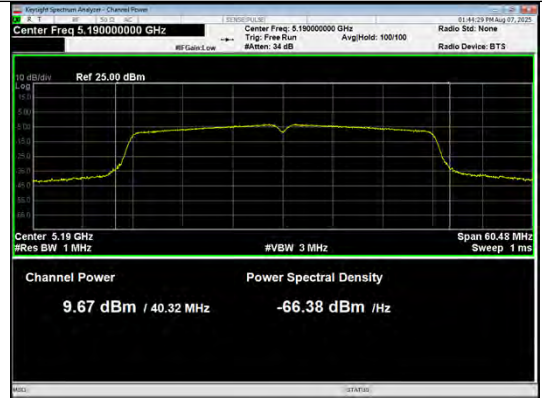


Conducted AVG output power IEEE 802.11ac_20_Channel 36_Antenna 0

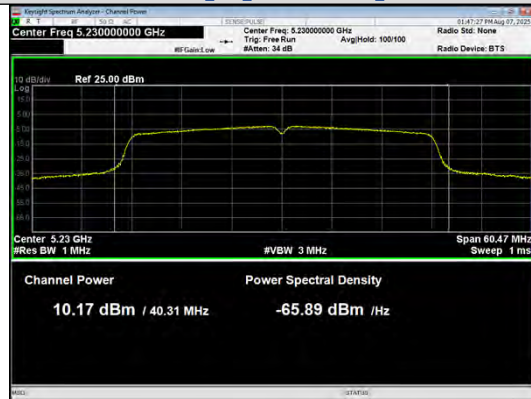
Conducted AVG output power IEEE 802.11ac_20_Channel 40_Antenna 0



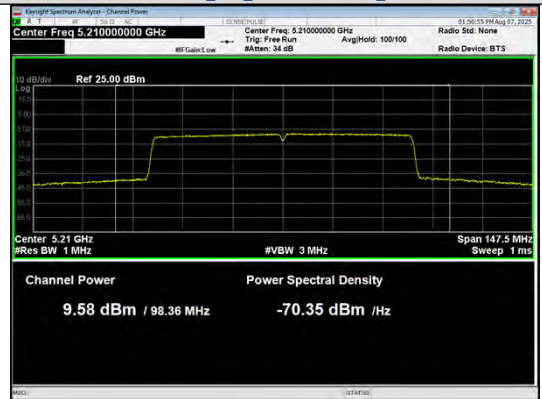
Conducted AVG output power
IEEE 802.11ac_20_Channel 48_Antenna 0



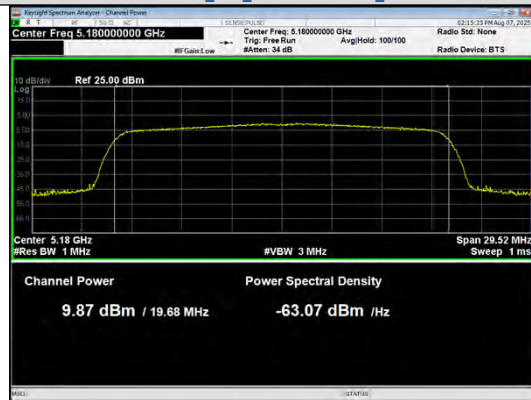
Conducted AVG output power
IEEE 802.11ac_40_Channel 38_Antenna 0



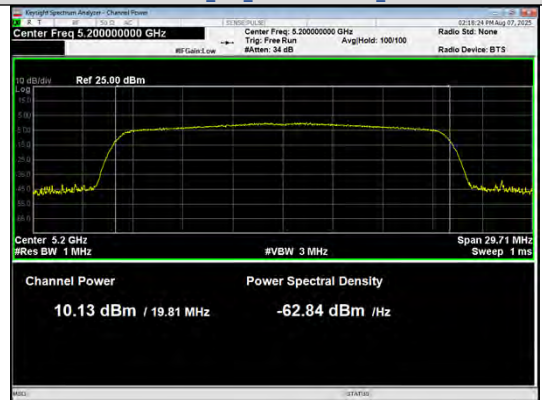
Conducted AVG output power
IEEE 802.11ac_40_Channel 46_Antenna 0



Conducted AVG output power
IEEE 802.11ac_80_Channel 42_Antenna 0



Conducted AVG output power
IEEE 802.11ax_20_Channel 36_Antenna 0_RU&Index SU



Conducted AVG output power
IEEE 802.11ax_20_Channel 40_Antenna 0_RU&Index SU



Conducted AVG output power



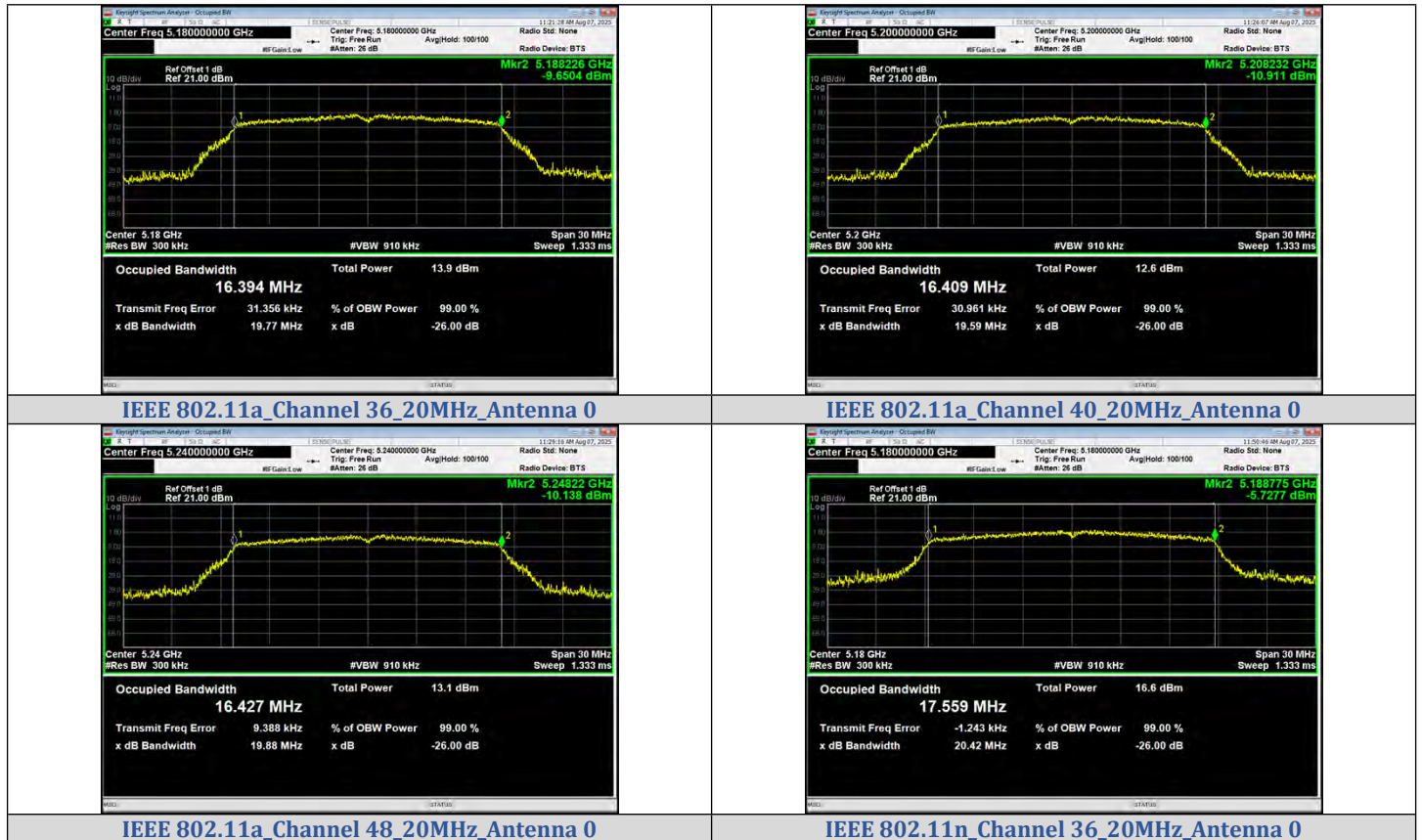
Conducted AVG output power

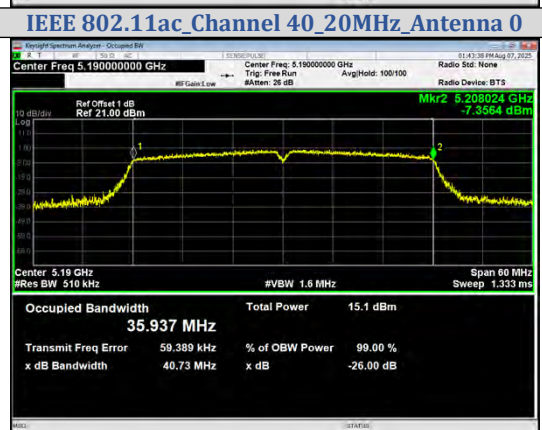
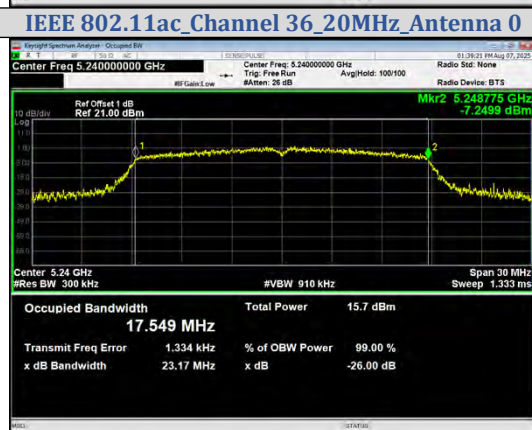
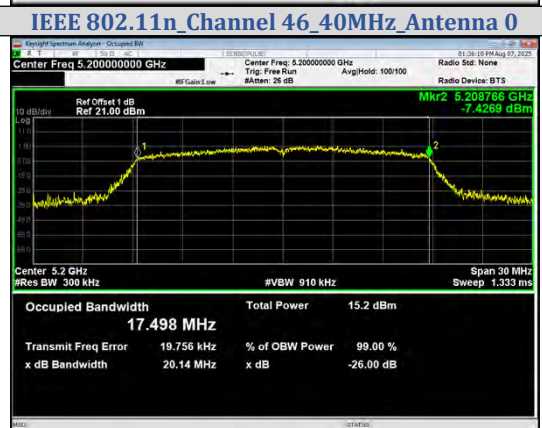
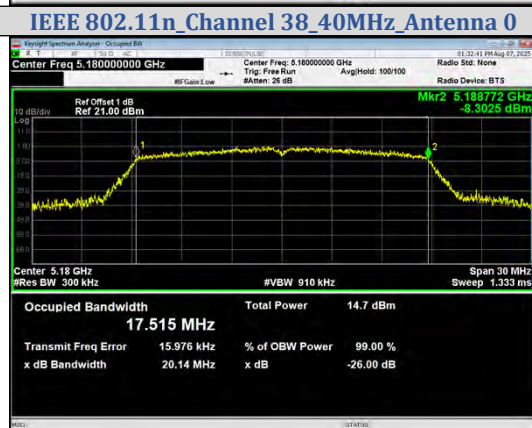
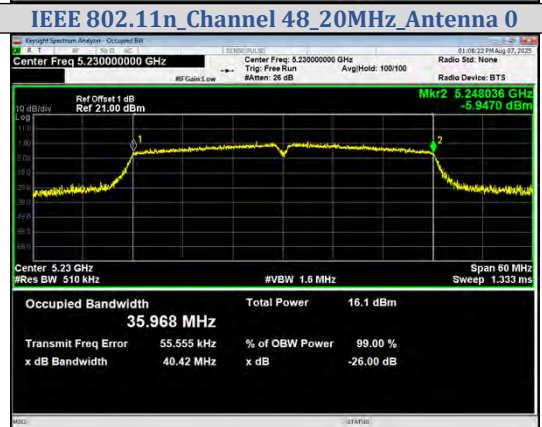
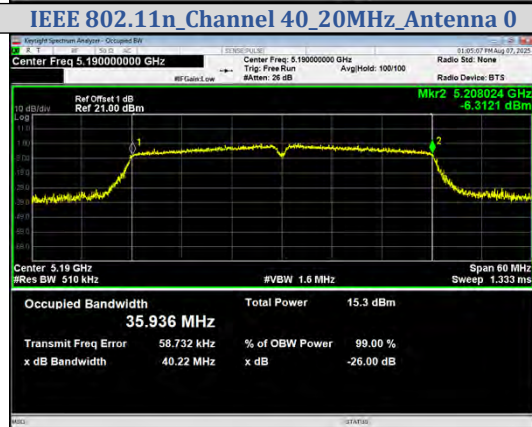


IEEE 802.11ax_20_Channel 48_Antenna 0_RU&Index SU Center Freq 5.23000000 GHz Center Freq 5.23000000 GHz Trig: Free Run Avg/Hold: 100/100 Radio Std: None Radio Device: BT5 Ref 25.00 dBm Center 5.23 GHz #Res BW 1 MHz #VBW 3 MHz Span 59.14 MHz Sweep 1 ms Channel Power Power Spectral Density 10.44 dBm / 39.43 MHz -65.51 dBm / Hz	IEEE 802.11ax_40_Channel 38_Antenna 0_RU&Index SU Center Freq 5.21000000 GHz Center Freq 5.21000000 GHz Trig: Free Run Avg/Hold: 100/100 Radio Std: None Radio Device: BT5 Ref 25.00 dBm Center 5.21 GHz #Res BW 1 MHz #VBW 3 MHz Span 120.2 MHz Sweep 1 ms Channel Power Power Spectral Density 10.09 dBm / 80.16 MHz -68.95 dBm / Hz
Conducted AVG output power IEEE 802.11ax_40_Channel 46_Antenna 0_RU&Index SU	Conducted AVG output power IEEE 802.11ax_80_Channel 42_Antenna 0_RU&Index SU

**99% Bandwidth****Test Result**

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11a	36	N/A	0	5180	16.394
	40			5200	16.409
	48			5240	16.427
IEEE 802.11n_20	36			5180	17.559
	40			5200	17.575
	48			5240	17.575
IEEE 802.11n_40	38			5190	35.936
	46			5230	35.968
IEEE 802.11ac_20	36			5180	17.515
	40			5200	17.498
	48			5240	17.549
IEEE 802.11ac_40	38			5190	35.937
	46			5230	35.932
IEEE 802.11ac_80	42			5210	75.594
IEEE 802.11ax_20	36	SU	5180	18.729	
	40		5200	18.747	
	48		5240	18.741	
IEEE 802.11ax_40	38		5190	37.507	
	46		5230	37.483	
IEEE 802.11ax_80	42		5210	77.300	

Test Graphs

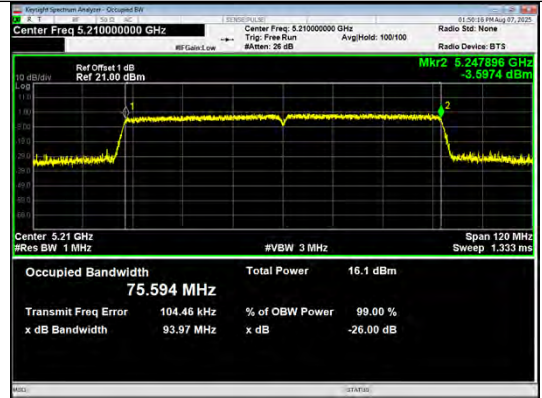


IEEE 802.11ac_Channel 48_20MHz_Antenna 0

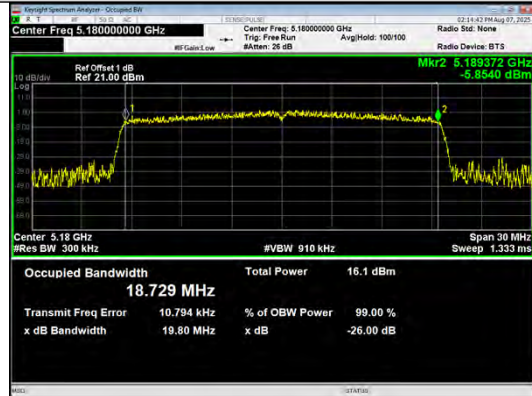
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0



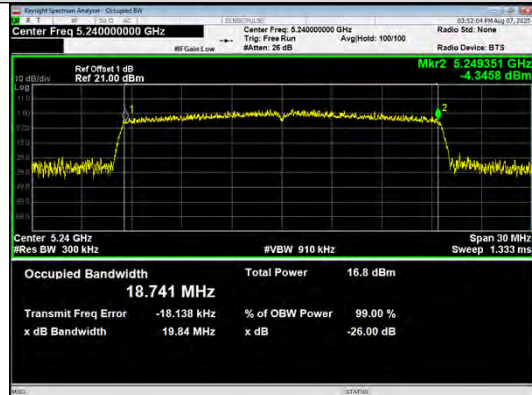
IEEE 802.11ac_Channel 42_80MHz_Antenna 0



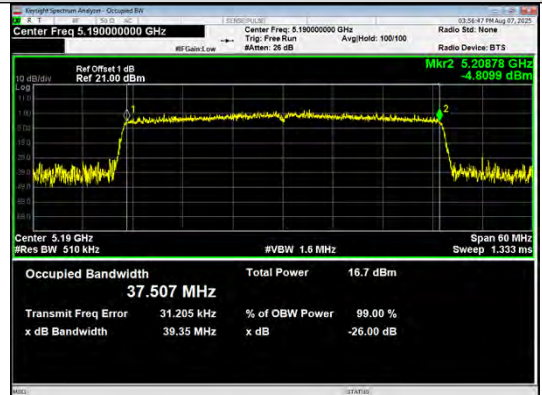
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



IEEE 802.11ac_Channel 42_80MHz_Antenna 0



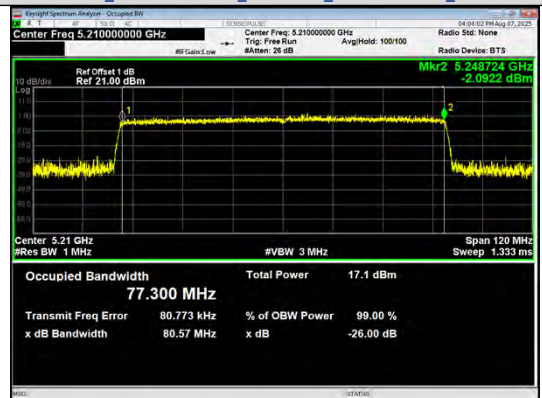
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 42_80MHz_Antenna 0_RU&Index SU

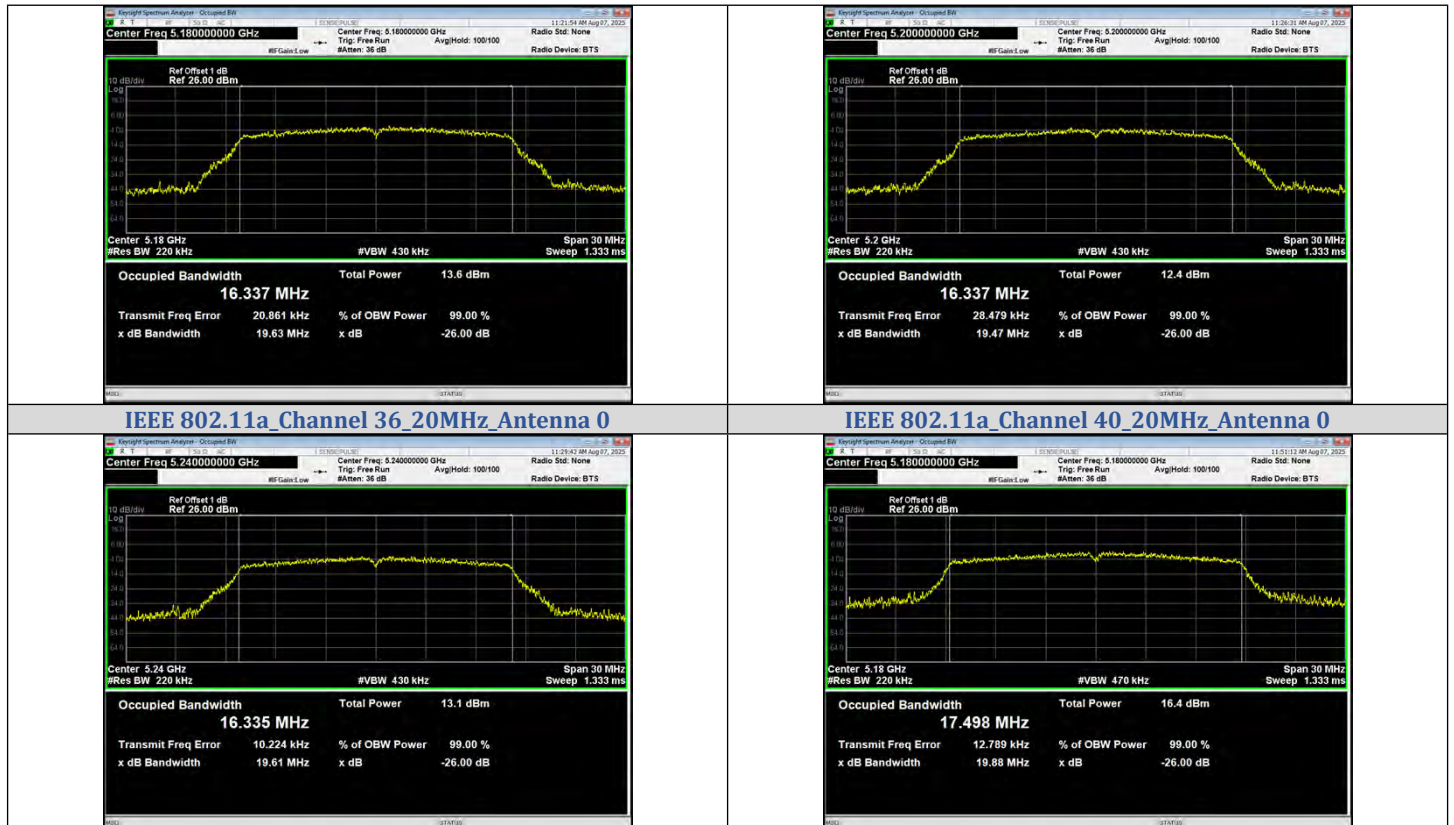


26dB Bandwidth

Test Result

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36	N/A	0	5180	19.63	1.12
	40			5200	19.47	1.11
	48			5240	19.61	1.11
IEEE 802.11n_20	36			5180	19.88	1.15
	40			5200	23.45	1.01
	48			5240	20.10	1.16
IEEE 802.11n_40	38			5190	39.82	1.07
	46			5230	40.63	1.06
IEEE 802.11ac_20	36			5180	19.80	1.12
	40			5200	20.07	1.11
	48			5240	20.16	1.1
IEEE 802.11ac_40	38			5190	40.32	1.06
IEEE 802.11ac_80	46			5230	40.31	1.07
	42			5210	98.36	1.02
IEEE 802.11ax_20	36	SU		5180	19.68	1.11
	40			5200	19.81	1.11
	48			5240	19.77	1.1
IEEE 802.11ax_40	38			5190	39.44	1.05
	46			5230	39.43	1.05
IEEE 802.11ax_80	42			5210	80.16	1.03

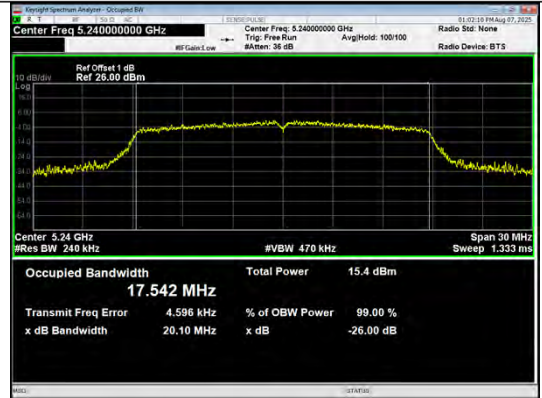
Test Graphs



IEEE 802.11a_Channel 48_20MHz_Antenna 0



IEEE 802.11n_Channel 36_20MHz_Antenna 0



IEEE 802.11n_Channel 40_20MHz_Antenna 0



IEEE 802.11n_Channel 48_20MHz_Antenna 0



IEEE 802.11n_Channel 38_40MHz_Antenna 0



IEEE 802.11n_Channel 46_40MHz_Antenna 0



IEEE 802.11ac_Channel 36_20MHz_Antenna 0



IEEE 802.11ac_Channel 40_20MHz_Antenna 0

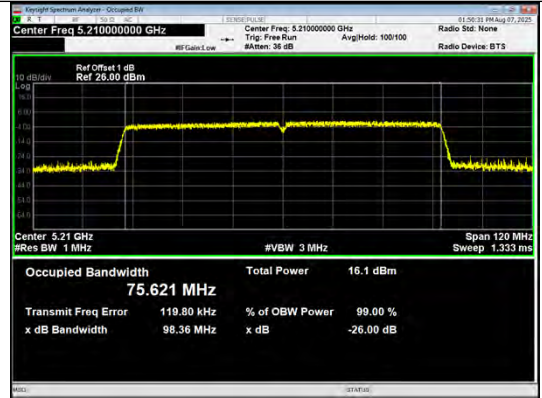


IEEE 802.11ac_Channel 48_20MHz_Antenna 0

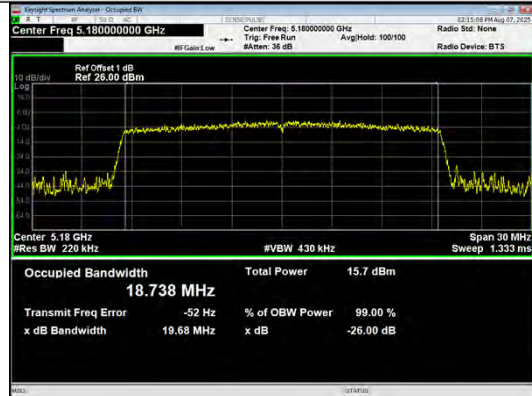
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



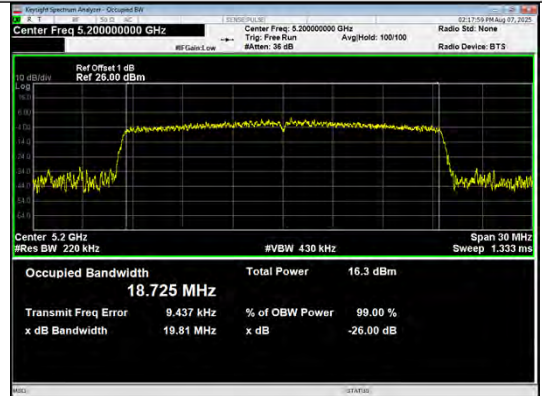
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



IEEE 802.11ac_Channel 42_80MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0



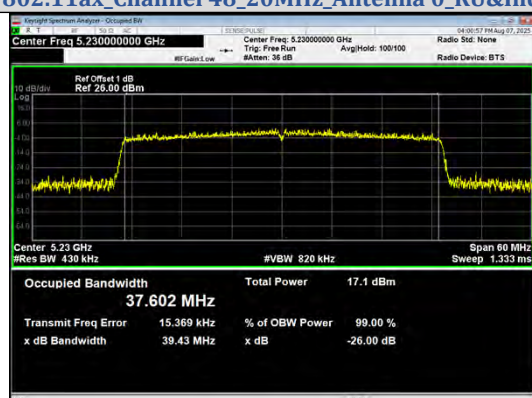
IEEE 802.11ac_Channel 42_80MHz_Antenna 0



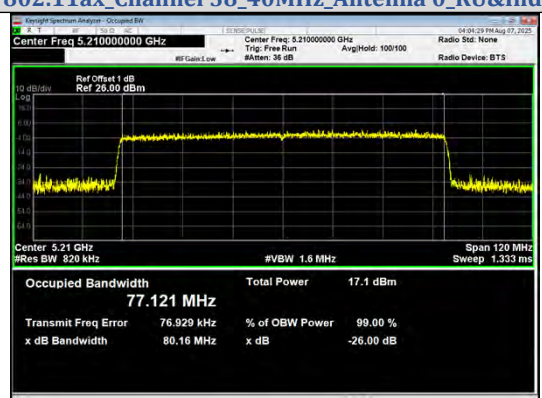
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 42_80MHz_Antenna 0_RU&Index SU

**Conducted Out Of Band Emission****Test Result**

Mode	Channel	RU & Index	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	36	N/A	0	5148.72	-44.520	-27	-17.520	PASS
				5148.96	-44.683	-27	-18.000	PASS
				5150.00	-44.710	-27	-18.000	PASS
				5350.00	-49.150	-27	-22.000	PASS
				5460.00	-48.312	-27	-21.000	PASS
				24955.8	-54.260	-27	-27.260	PASS
	40			5148.59	-53.000	-27	-26.000	PASS
				5149.92	-48.755	-27	-22.000	PASS
				5150.00	-48.760	-27	-22.000	PASS
				5350.00	-48.870	-27	-22.000	PASS
				5460.00	-48.765	-27	-22.000	PASS
				24957.8	-54.870	-27	-27.870	PASS
	48			5146.29	-53.440	-27	-26.440	PASS
				5148.96	-47.913	-27	-21.000	PASS
				5150.00	-48.510	-27	-22.000	PASS
				5350.00	-48.210	-27	-21.000	PASS
				5450.40	-47.871	-27	-21.000	PASS
				24987.7	-54.710	-27	-27.710	PASS
IEEE 802.11n_20	36			5147.44	-39.790	-27	-12.790	PASS
				5148.00	-36.992	-27	-10.000	PASS
				5150.00	-40.270	-27	-13.000	PASS
				5350.00	-48.270	-27	-21.000	PASS
				5456.16	-47.913	-27	-21.000	PASS
				24994.1	-54.230	-27	-27.230	PASS
	40			5147.95	-46.490	-27	-19.490	PASS
				5149.92	-46.865	-27	-20.000	PASS
				5150.00	-46.870	-27	-20.000	PASS
				5350.00	-49.000	-27	-22.000	PASS
				5460.00	-48.304	-27	-21.000	PASS
				24833.5	-54.640	-27	-27.640	PASS
	48			5148.21	-50.620	-27	-23.620	PASS
				5149.92	-47.449	-27	-20.000	PASS
				5150.00	-47.450	-27	-20.000	PASS
				5350.00	-48.380	-27	-21.000	PASS
				5451.36	-47.390	-27	-20.000	PASS
				24989.2	-54.460	-27	-27.460	PASS
IEEE 802.11n_40	38			5146.08	-36.349	-27	-9.000	PASS
				5147.57	-35.650	-27	-8.650	PASS
				5150.00	-38.350	-27	-11.000	PASS
				5350.00	-48.020	-27	-21.000	PASS
				5459.04	-47.733	-27	-21.000	PASS
				24975.4	-54.030	-27	-27.030	PASS
	46			5148.96	-45.309	-27	-18.000	PASS
				5149.49	-46.320	-27	-19.320	PASS
				5150.00	-45.490	-27	-18.000	PASS
				5350.00	-47.600	-27	-21.000	PASS
				5459.04	-47.346	-27	-20.000	PASS
				24863.9	-54.680	-27	-27.680	PASS
IEEE 802.11ac_20	36			5148.08	-42.660	-27	-15.660	PASS
				5149.92	-44.370	-27	-17.000	PASS
				5150.00	-44.370	-27	-17.000	PASS
				5350.00	-48.410	-27	-21.000	PASS
				5460.00	-48.212	-27	-21.000	PASS



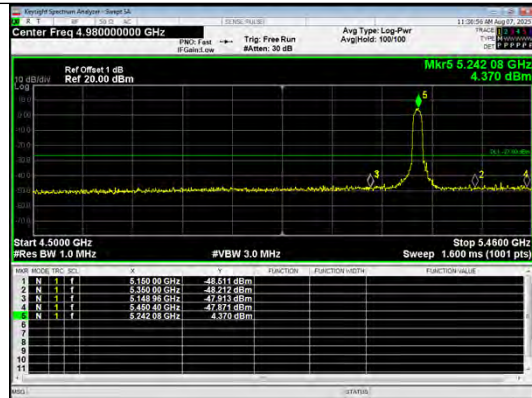
				24830.5	-54.350	-27	-27.350	PASS
	40			5149.62	-48.530	-27	-21.530	PASS
				5149.92	-47.478	-27	-20.000	PASS
				5150.00	-47.480	-27	-20.000	PASS
				5350.00	-49.410	-27	-22.000	PASS
				5460.00	-48.448	-27	-21.000	PASS
				24991.2	-54.030	-27	-27.030	PASS
	48			5139.50	-51.710	-27	-24.710	PASS
				5149.92	-47.047	-27	-20.000	PASS
				5150.00	-47.050	-27	-20.000	PASS
				5350.00	-48.760	-27	-22.000	PASS
				5460.00	-48.600	-27	-22.000	PASS
24964.1		-53.870	-27	-26.870	PASS			
IEEE 802.11ac_40	38	5148.85	-39.850	-27	-12.850	PASS		
		5148.96	-35.798	-27	-9.000	PASS		
		5150.00	-36.290	-27	-9.000	PASS		
		5350.00	-49.240	-27	-22.000	PASS		
		5458.08	-47.533	-27	-21.000	PASS		
		24783.8	-54.700	-27	-27.700	PASS		
	46	5149.36	-46.470	-27	-19.470	PASS		
		5149.92	-45.458	-27	-18.000	PASS		
		5150.00	-45.460	-27	-18.000	PASS		
		5350.00	-46.600	-27	-20.000	PASS		
IEEE 802.11ac_80	42	5399.52	-45.965	-27	-19.000	PASS		
		24956.3	-53.900	-27	-26.900	PASS		
		5144.75	-31.170	-27	-4.170	PASS		
		5148.00	-31.183	-27	-4.000	PASS		
		5150.00	-31.190	-27	-4.000	PASS		
		5350.00	-47.140	-27	-20.000	PASS		
		5352.95	-53.550	-27	-26.550	PASS		
		5430.24	-46.387	-27	-19.000	PASS		
		5149.74	-40.820	-27	-13.820	PASS		
		5149.92	-40.218	-27	-13.000	PASS		
IEEE 802.11ax_20	36	5150.00	-40.220	-27	-13.000	PASS		
		5350.00	-46.660	-27	-20.000	PASS		
		5406.24	-46.548	-27	-20.000	PASS		
		24955.3	-53.730	-27	-26.730	PASS		
		5142.58	-48.950	-27	-21.950	PASS		
		5149.92	-46.726	-27	-20.000	PASS		
	40	5150.00	-46.730	-27	-20.000	PASS		
		5350.00	-49.250	-27	-22.000	PASS		
		5460.00	-48.765	-27	-22.000	PASS		
		24963.2	-54.270	-27	-27.270	PASS		
		5140.53	-51.900	-27	-24.900	PASS		
		5148.96	-47.933	-27	-21.000	PASS		
	48	5150.00	-48.480	-27	-21.000	PASS		
		5350.00	-47.840	-27	-21.000	PASS		
		5458.08	-47.784	-27	-21.000	PASS		
		24929.8	-53.930	-27	-26.930	PASS		
		5149.10	-37.270	-27	-10.270	PASS		
		5150.00	-36.620	-27	-10.000	PASS		
IEEE 802.11ax_40	38	5350.00	-48.140	-27	-21.000	PASS		
		5459.04	-47.079	-27	-20.000	PASS		
		24339.3	-53.950	-27	-26.950	PASS		
		5147.44	-48.650	-27	-21.650	PASS		
	46	5150.00	-45.950	-27	-19.000	PASS		
		5350.00	-46.530	-27	-20.000	PASS		
		24408.5	-53.500	-27	-26.500	PASS		
		5136.05	-31.730	-27	-4.730	PASS		
IEEE 802.11ax_80	42	5149.92	-31.199	-27	-4.000	PASS		
		5150.00	-31.200	-27	-4.000	PASS		



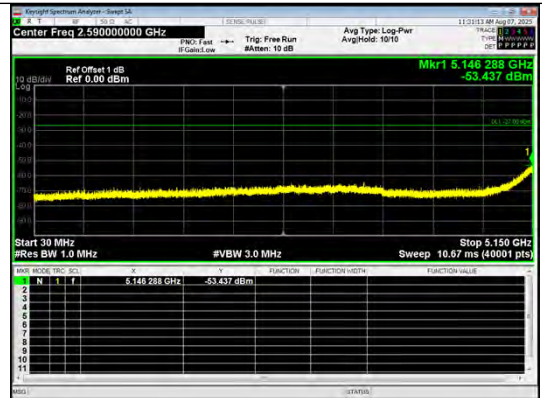
				5350.00	-47.910	-27	-21.000	PASS
				5353.44	-52.800	-27	-25.800	PASS
				5458.08	-47.672	-27	-21.000	PASS

Test Graphs

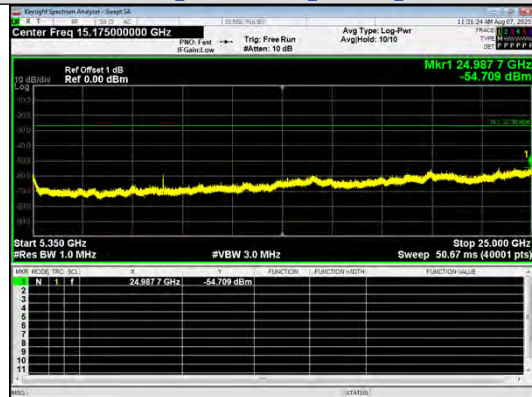
Out Of Band Emission IEEE 802.11a_Channel 36_20MHz_Antenna 0	Spurious Emission:30.0~5150 MHz IEEE 802.11a_Channel 36_20MHz_Antenna 0
Spurious Emission:5350~25000.0 MHz IEEE 802.11a_Channel 36_20MHz_Antenna 0	Out Of Band Emission IEEE 802.11a_Channel 40_20MHz_Antenna 0
Spurious Emission:30.0~5150 MHz IEEE 802.11a_Channel 40_20MHz_Antenna 0	Spurious Emission:5350~25000.0 MHz IEEE 802.11a_Channel 40_20MHz_Antenna 0



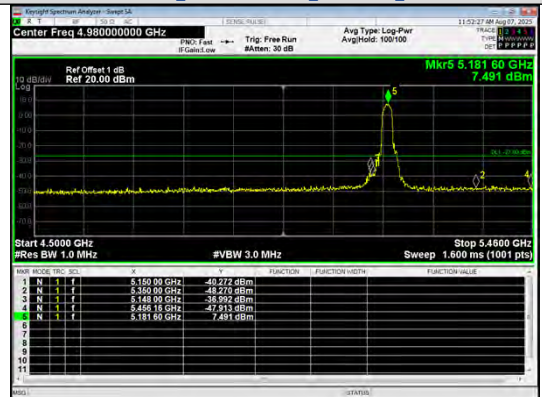
Out Of Band Emission
IEEE 802.11a_Channel 48_20MHz_Antenna 0



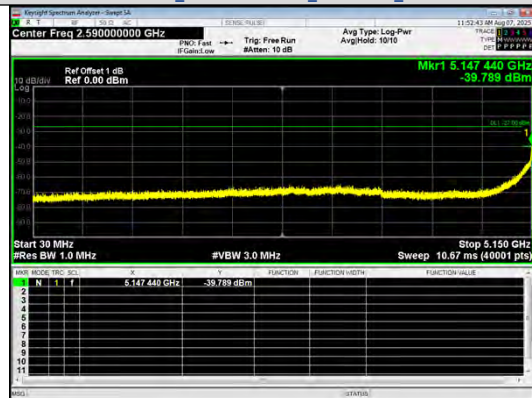
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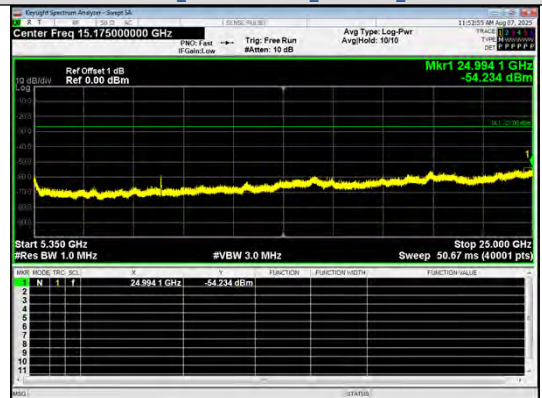
Spurious Emission:5350~25000.0 MHz
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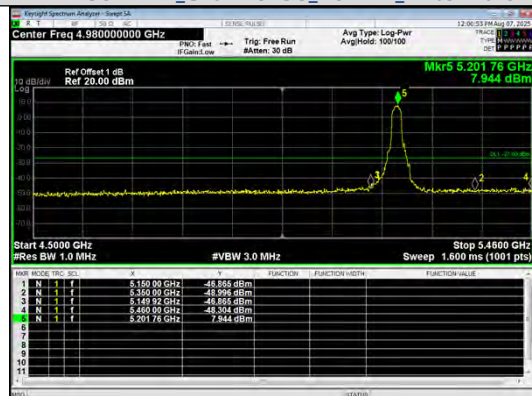
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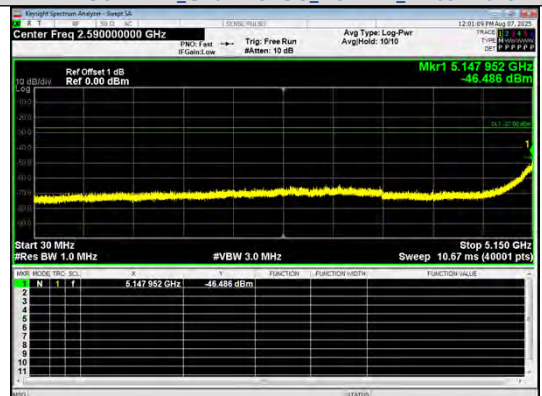
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Spurious Emission:5350~25000.0 MHz
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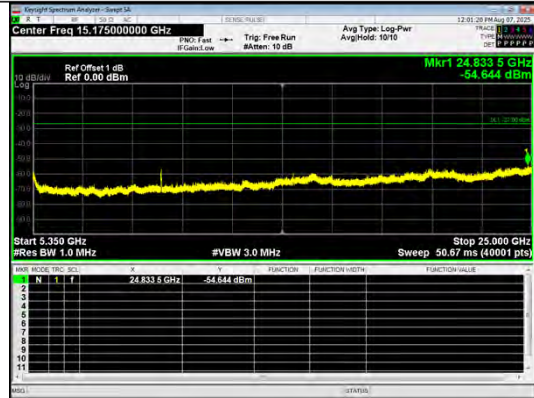


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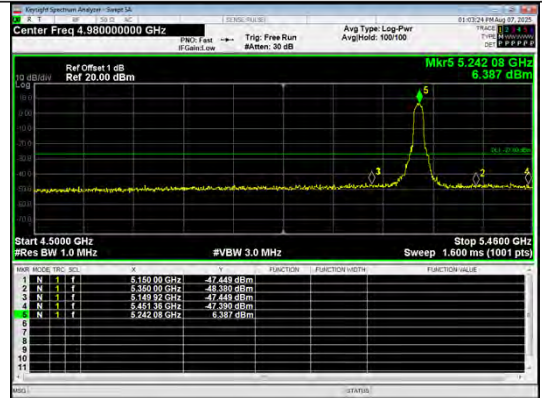


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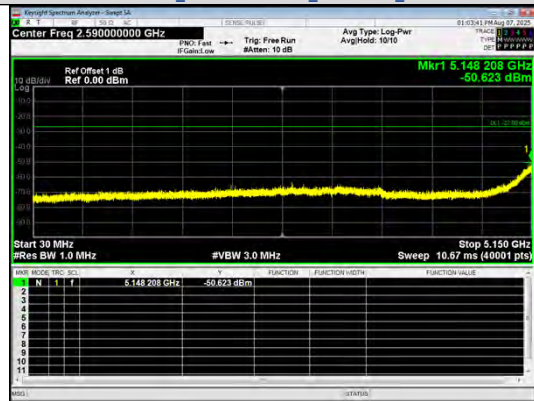
IEEE 802.11n_Channel 40_20MHz_Antenna 0



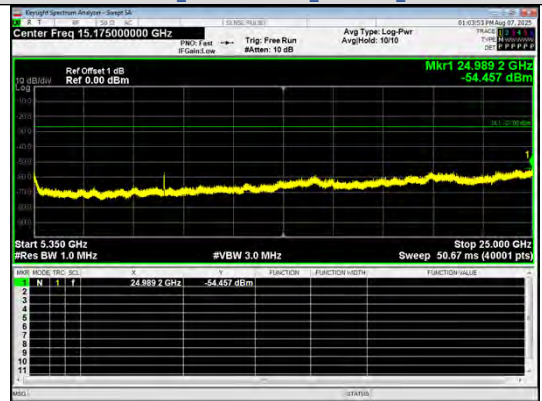
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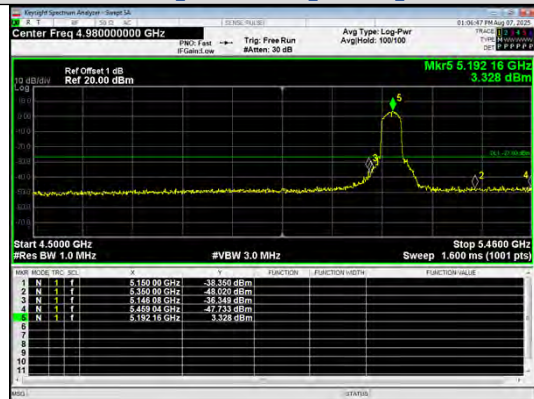
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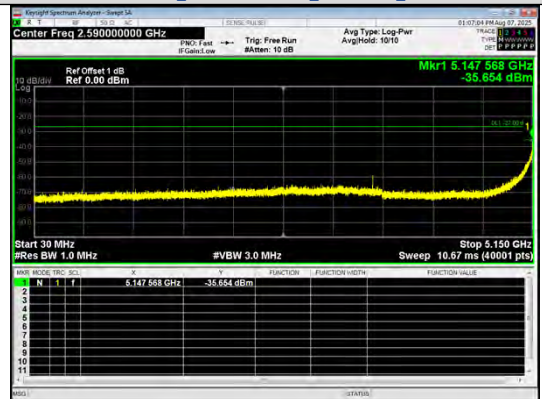
Out Of Band Emission IEEE 802.11n_Channel 48_20MHz_Antenna 0



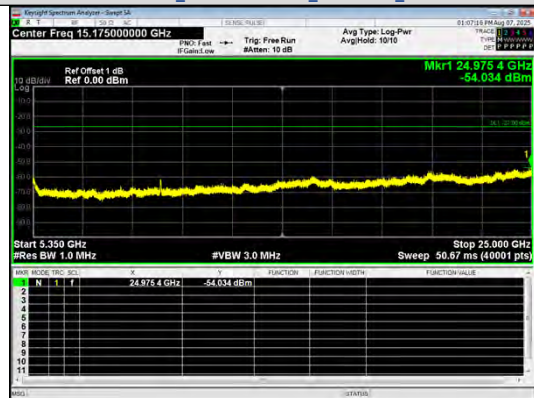
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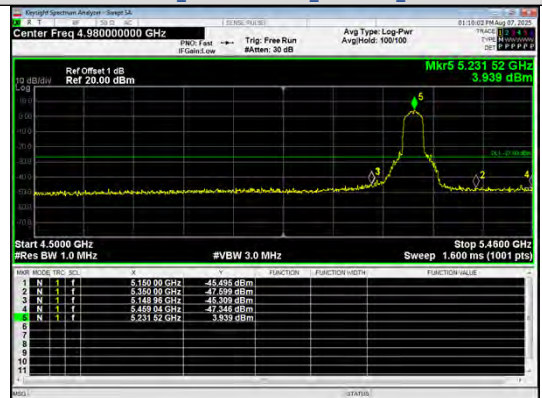
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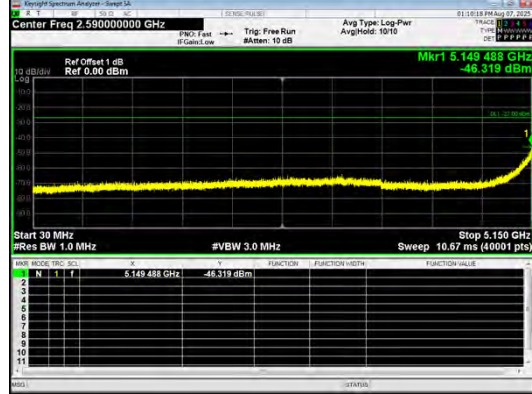
Out Of Band Emission IEEE 802.11n_Channel 38_40MHz_Antenna 0



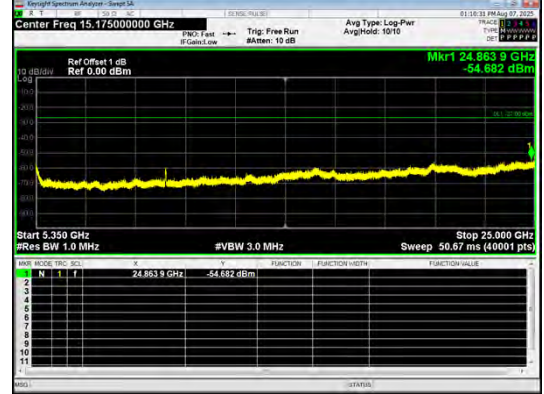
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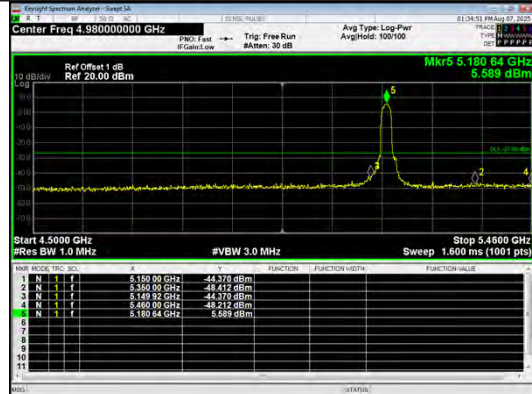
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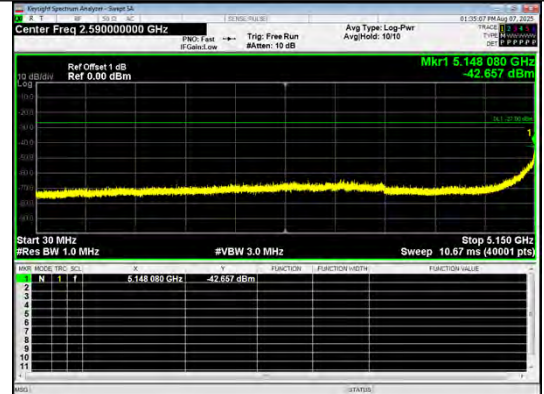
Out Of Band Emission IEEE 802.11n_Channel 46_40MHz_Antenna 0



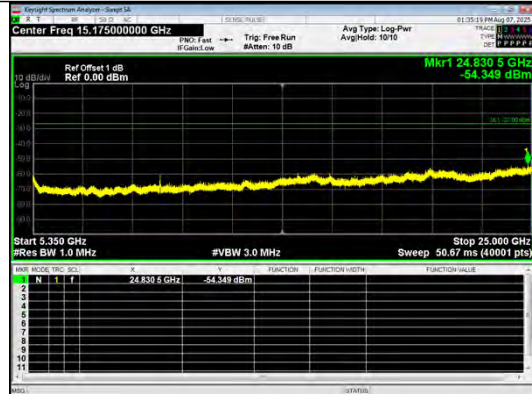
Spurious Emission:30.0~5150 MHz IEEE 802.11n_Channel 46_40MHz_Antenna 0



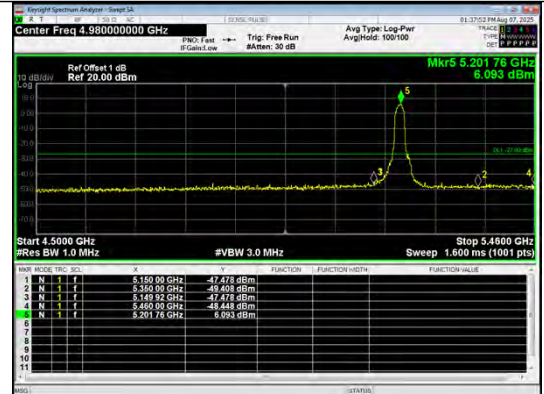
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Out Of Band Emission IEEE 802.11ac_Channel 36_20MHz_Antenna 0

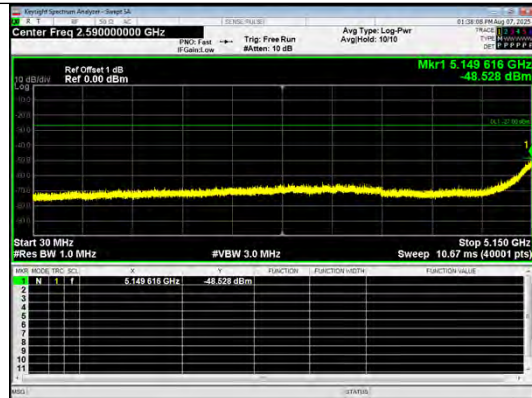


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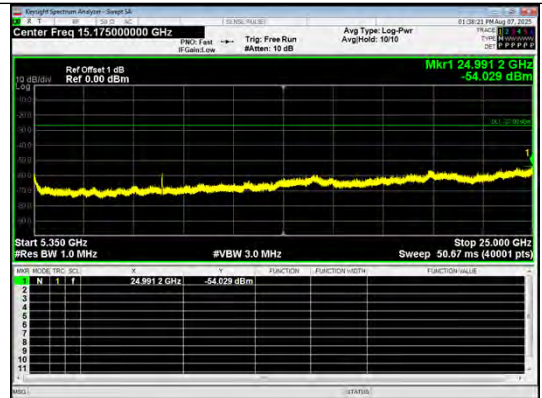


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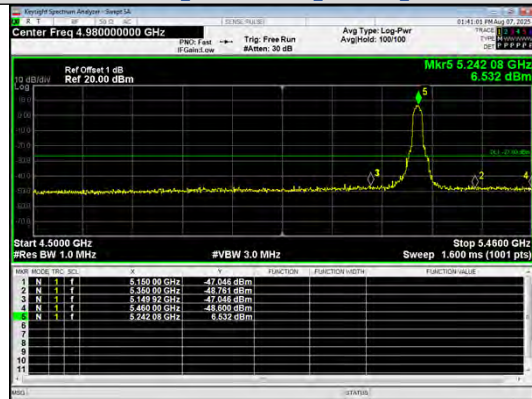
Out Of Band Emission IEEE 802.11ac_Channel 40_20MHz_Antenna 0



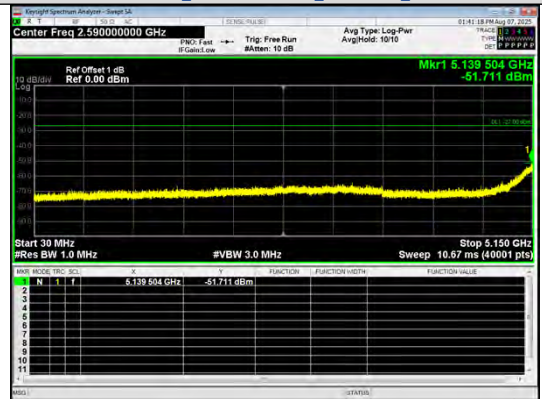
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IEEE 802.11ac_Channel 40_20MHz_Antenna 0



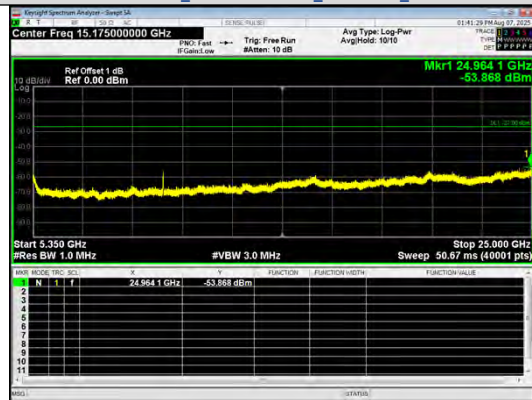
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IEEE 802.11ac_Channel 40_20MHz_Antenna 0



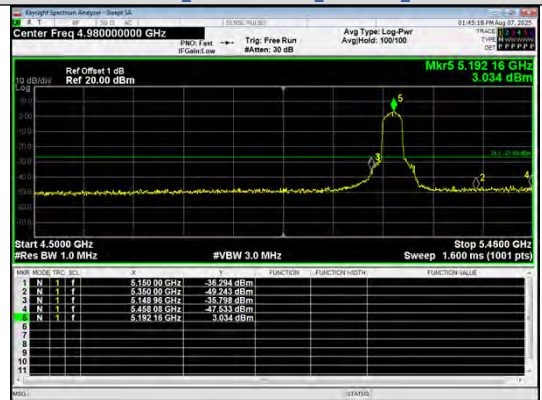
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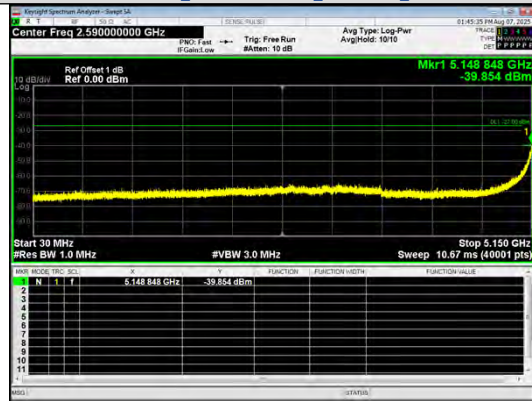
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IEEE 802.11ac_Channel 48_20MHz_Antenna 0



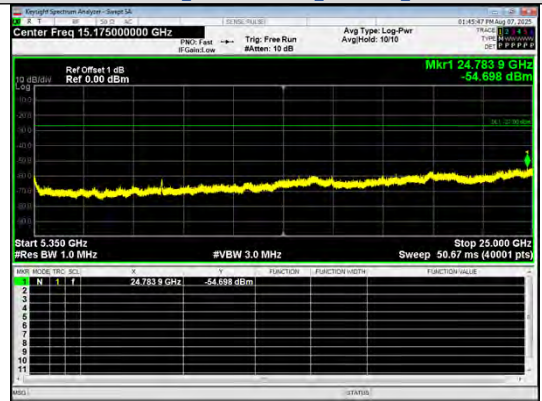
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IEEE 802.11ac_Channel 48_20MHz_Antenna 0



Out Of Band Emission
IEEE 802.11ac_Channel 38_40MHz_Antenna 0

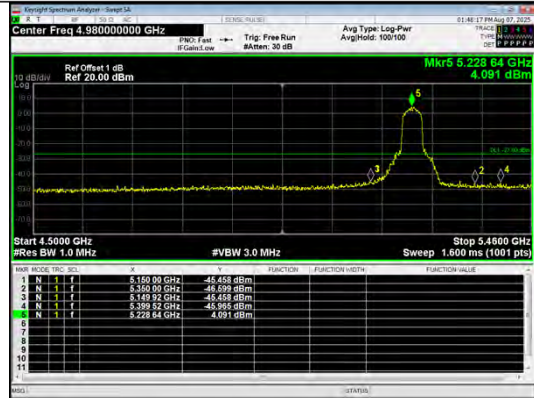


Spurious Emission:30.0~5150 MHz

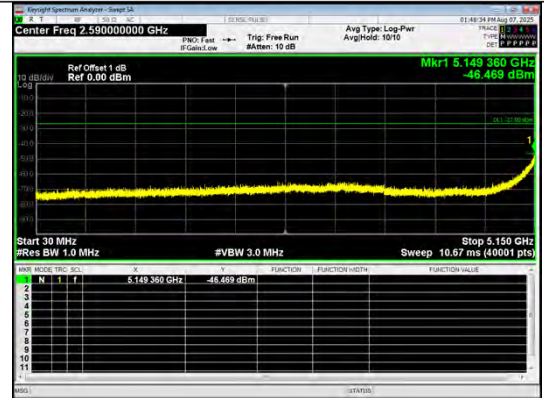


Spurious Emission:5350~25000.0 MHz

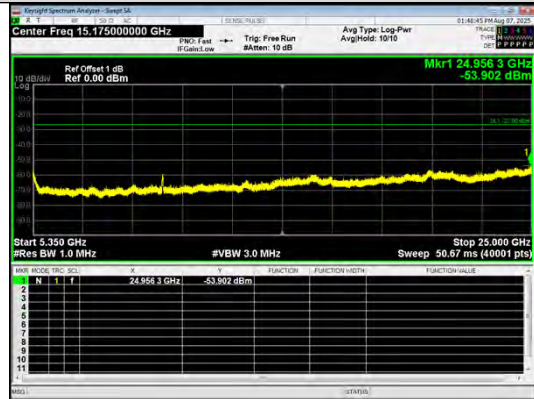
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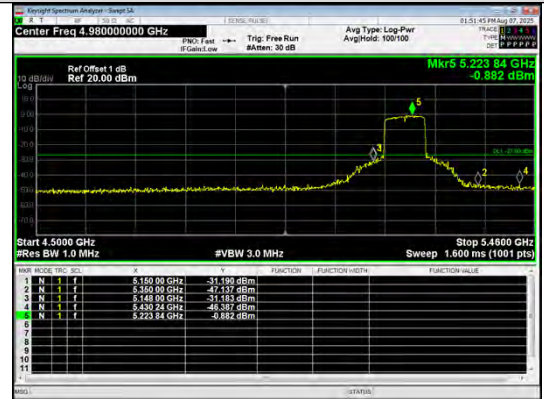
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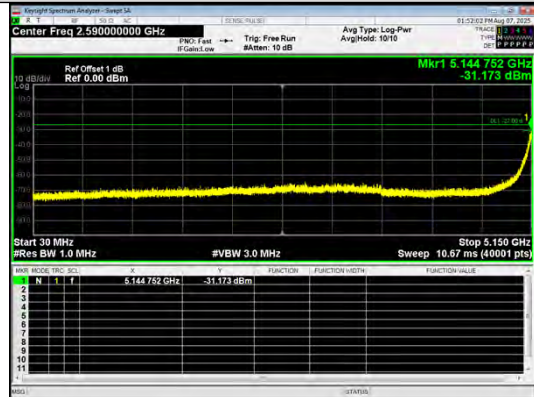
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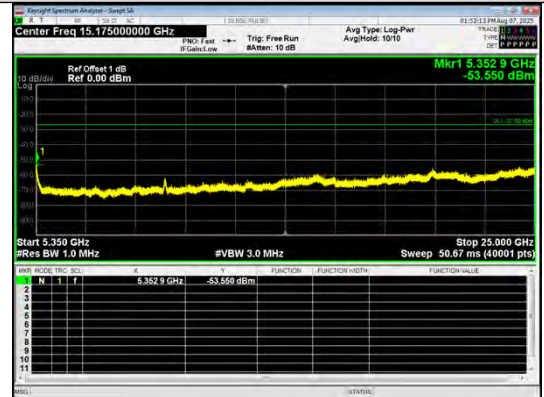
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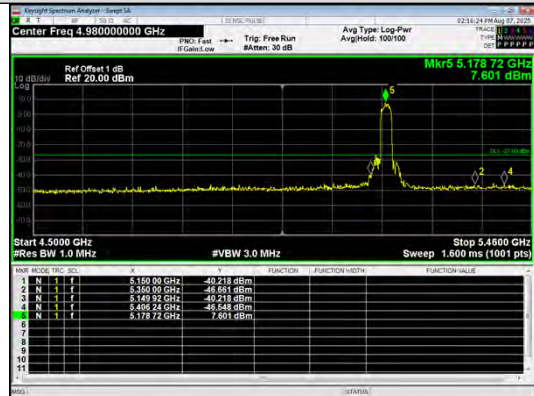
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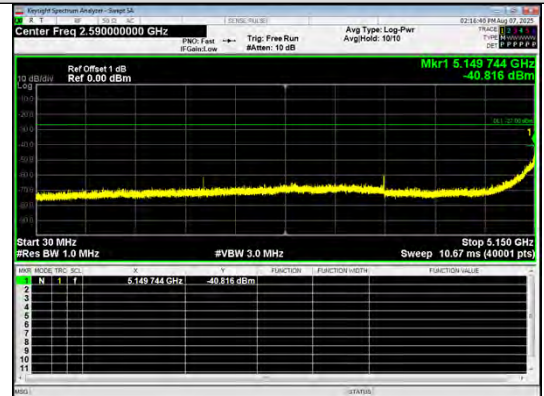
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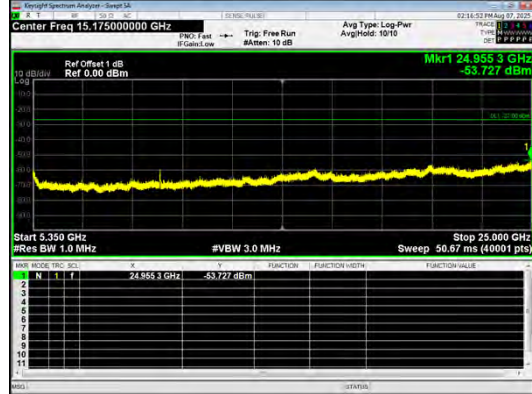
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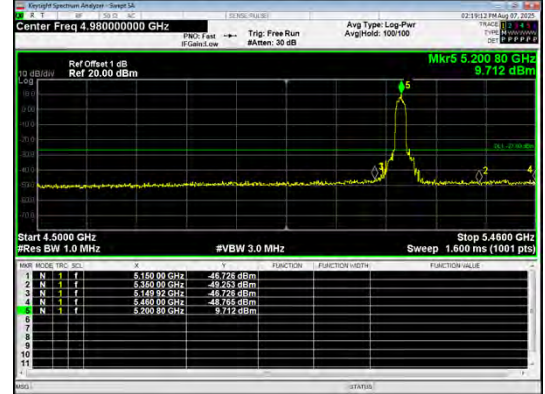
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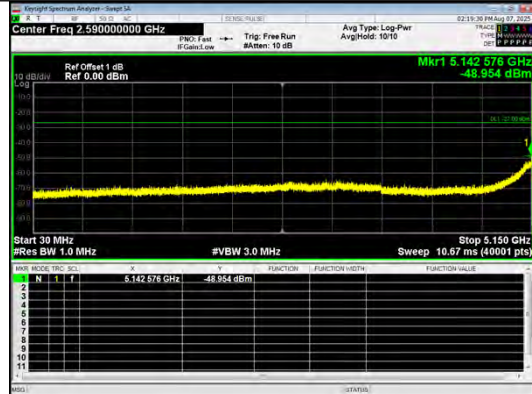
Out Of Band Emission IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



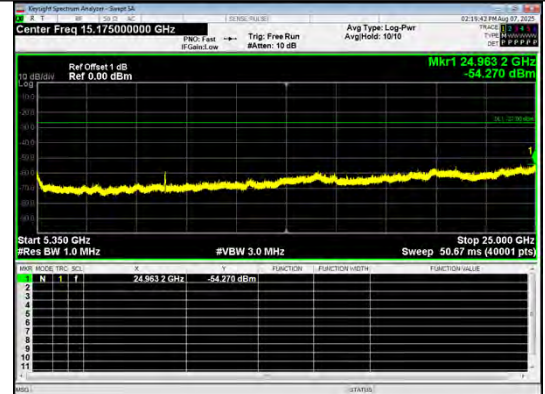
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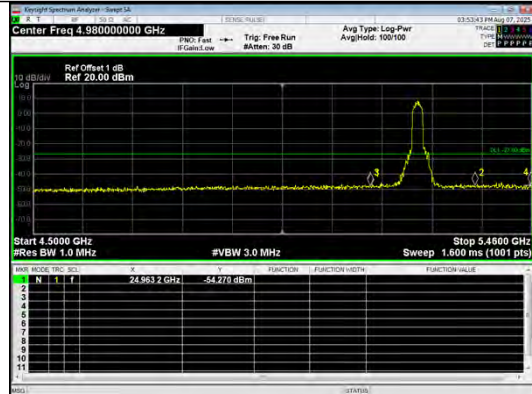
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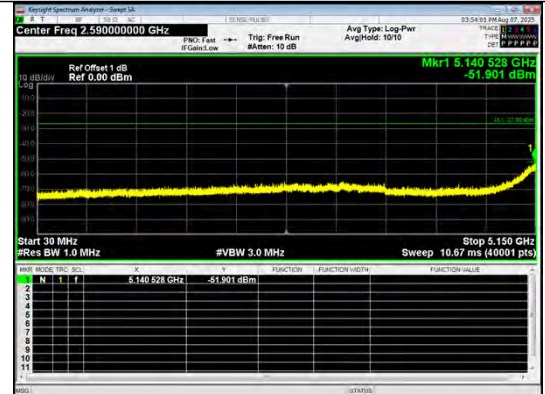
Out Of Band Emission IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



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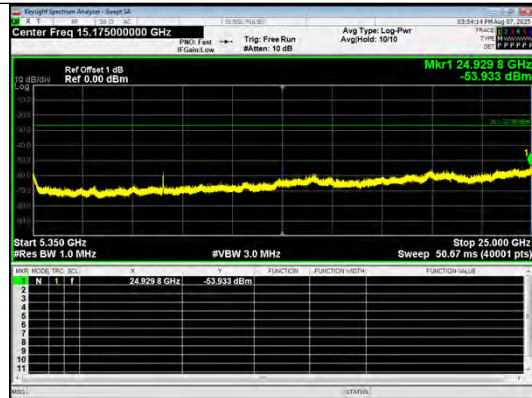


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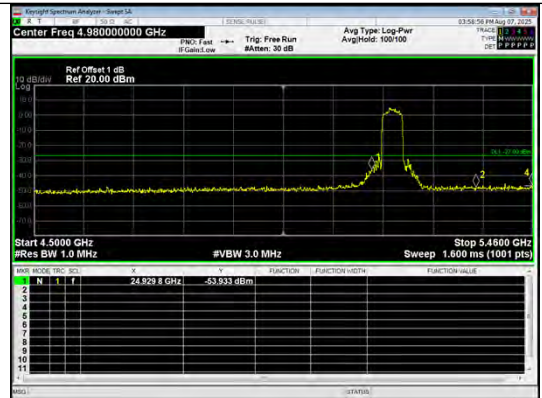


Out Of Band Emission IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU

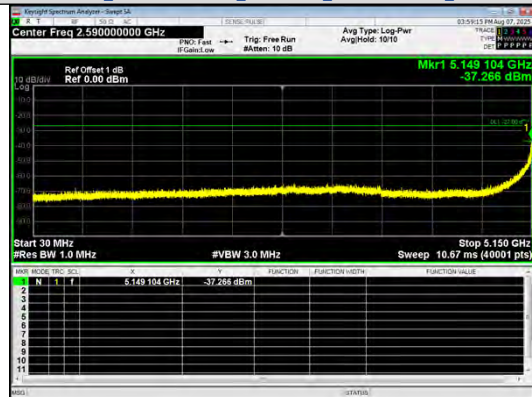
Spurious Emission:30.0~5150 MHz IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



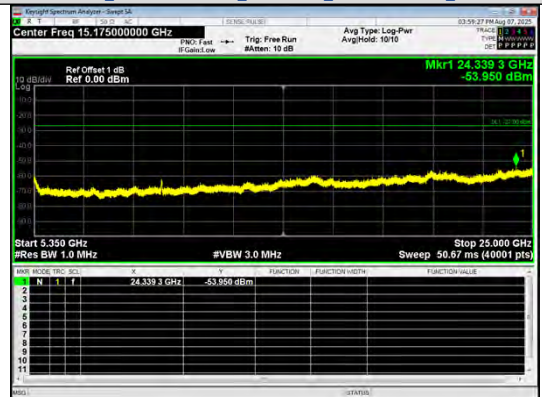
Spurious Emission:5350~25000.0 MHz
IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



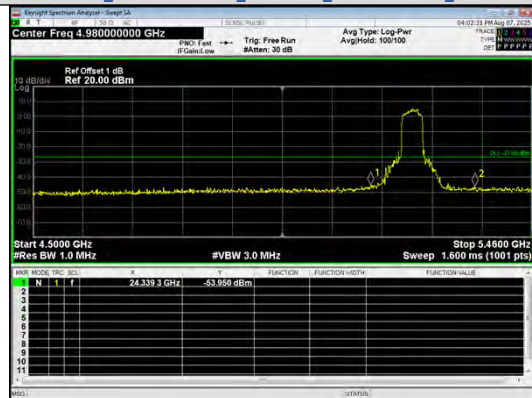
Out Of Band Emission
IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



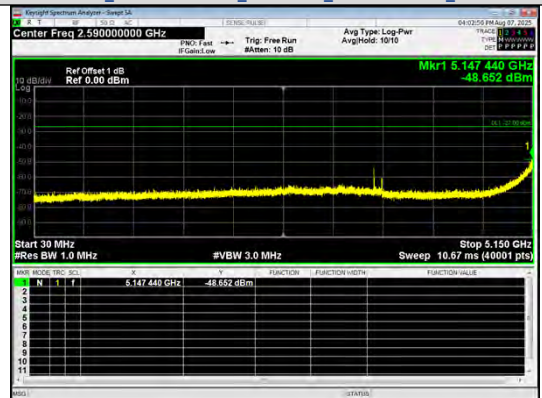
Spurious Emission:30.0~5150 MHz
IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



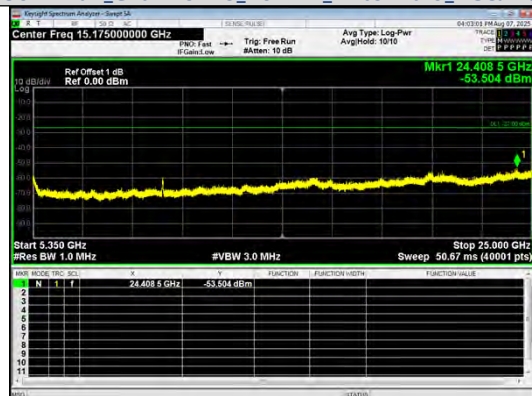
Spurious Emission:5350~25000.0 MHz
IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



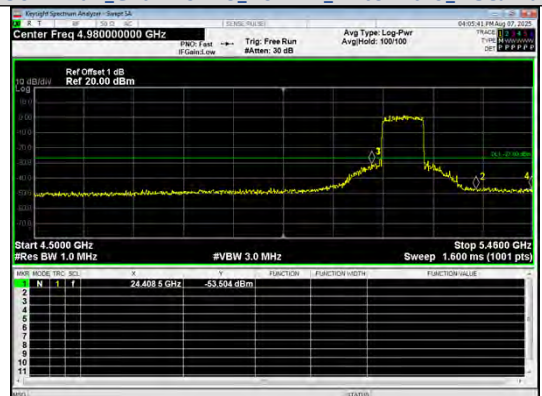
Out Of Band Emission
IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU



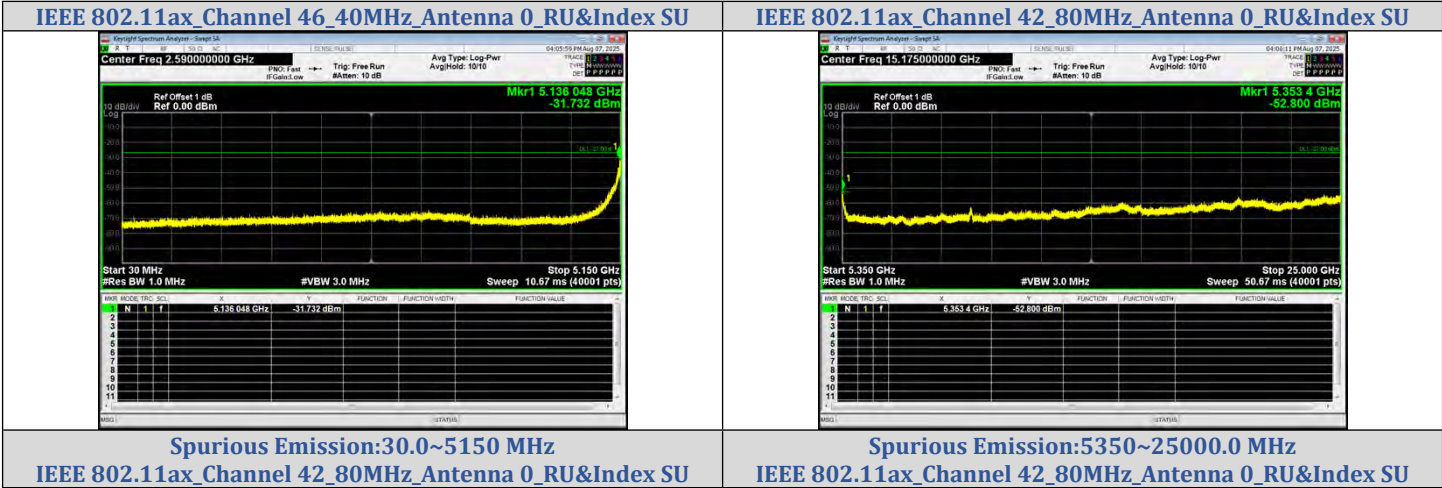
Spurious Emission:30.0~5150 MHz
IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU



Spurious Emission:5350~25000.0 MHz



Out Of Band Emission



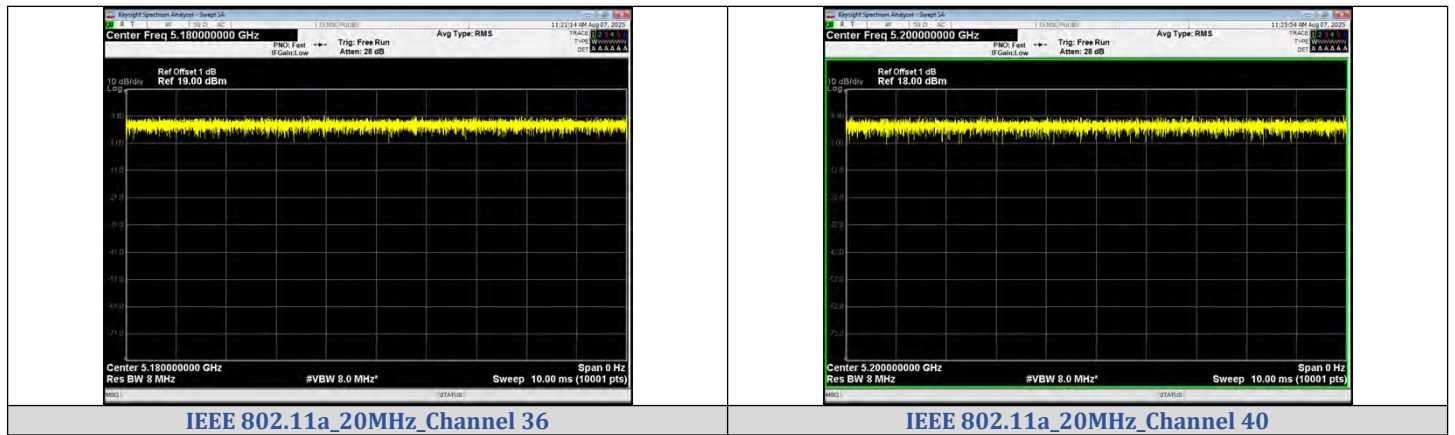


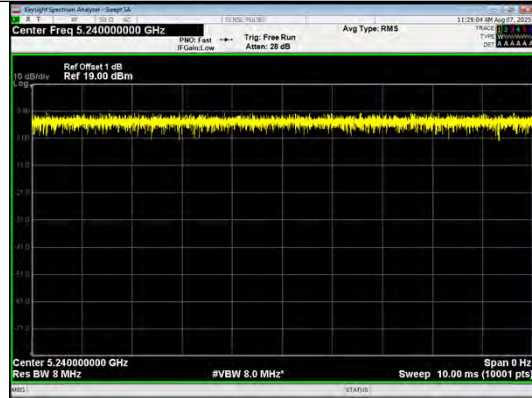
Duty Cycle

Test Result

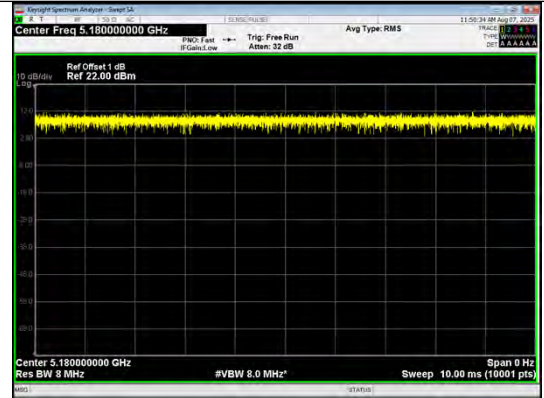
Mode	Data rates	Channel	RU & Index	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	6	36	N/A	1	10.000	10.000	100	1	0.0	0.1000
		40			10.000	10.000	100	1	0.0	0.1000
		48			10.000	10.000	100	1	0.0	0.1000
IEEE 802.11n_20	36	10.000			10.000	100	1	0.0	0.1000	
	40	10.000			10.000	100	1	0.0	0.1000	
	48	10.000			10.000	100	1	0.0	0.1000	
IEEE 802.11n_40	38	10.000			10.000	100	1	0.0	0.1000	
	46	10.000			10.000	100	1	0.0	0.1000	
IEEE 802.11ac_20	MCS 0	36			10.000	10.000	100	1	0.0	0.1000
		40			10.000	10.000	100	1	0.0	0.1000
		48			10.000	10.000	100	1	0.0	0.1000
IEEE 802.11ac_40		38			10.000	10.000	100	1	0.0	0.1000
		46			10.000	10.000	100	1	0.0	0.1000
IEEE 802.11ac_80		42			10.000	10.000	100	1	0.0	0.1000
IEEE 802.11ax_20		36	SU	10.000	10.000	100	1	0.0	0.1000	
		40		10.000	10.000	100	1	0.0	0.1000	
		48		10.000	10.000	100	1	0.0	0.1000	
IEEE 802.11ax_40		38		10.000	10.000	100	1	0.0	0.1000	
		46		10.000	10.000	100	1	0.0	0.1000	
IEEE 802.11ax_80		42		10.000	10.000	100	1	0.0	0.1000	

Test Graphs

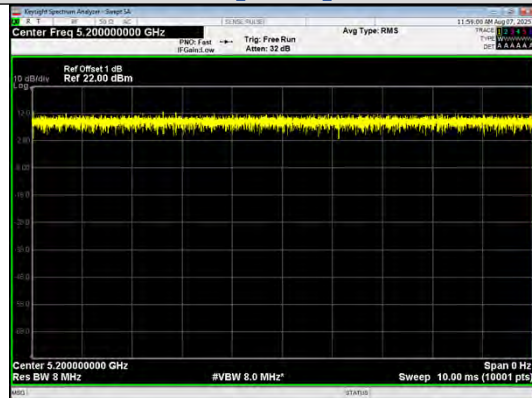




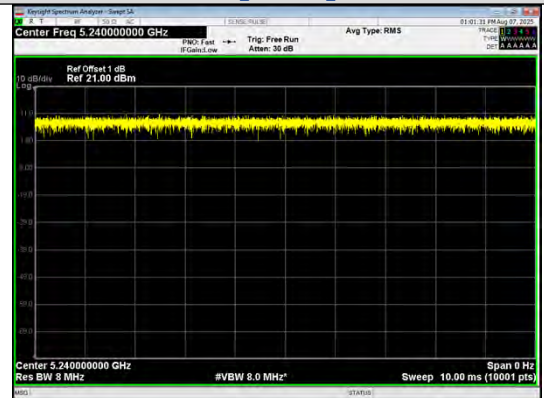
IEEE 802.11a_20MHz_Channel 48



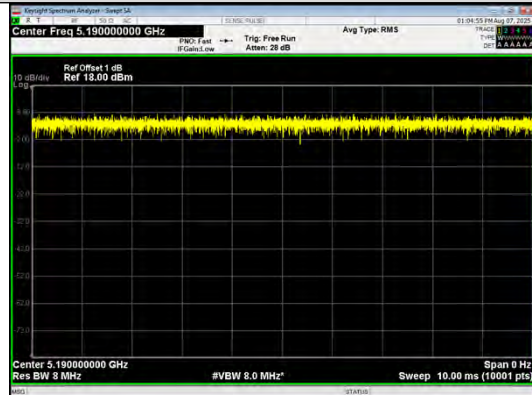
IEEE 802.11n_20MHz_Channel 36



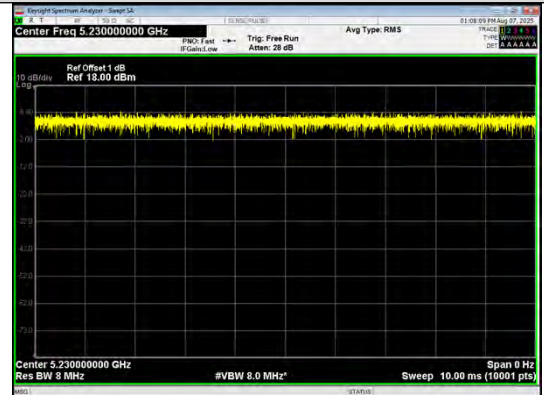
IEEE 802.11n_20MHz_Channel 40



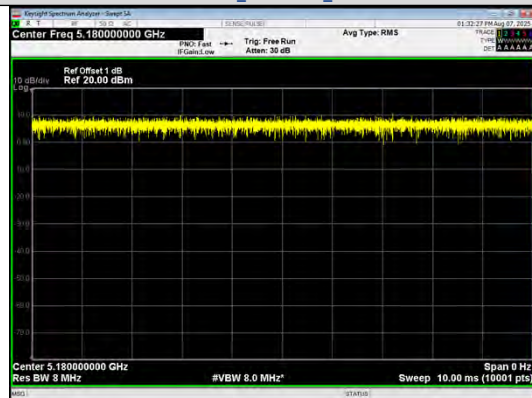
IEEE 802.11n_20MHz_Channel 48



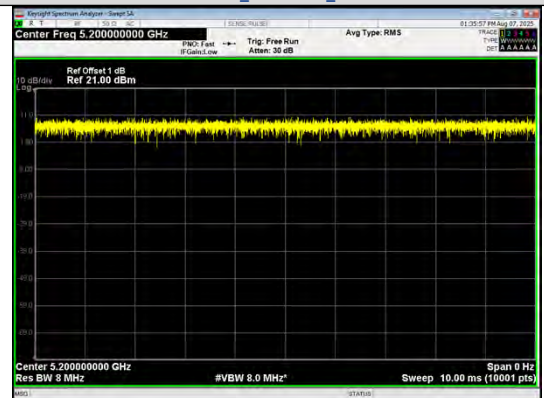
IEEE 802.11n_40MHz_Channel 38



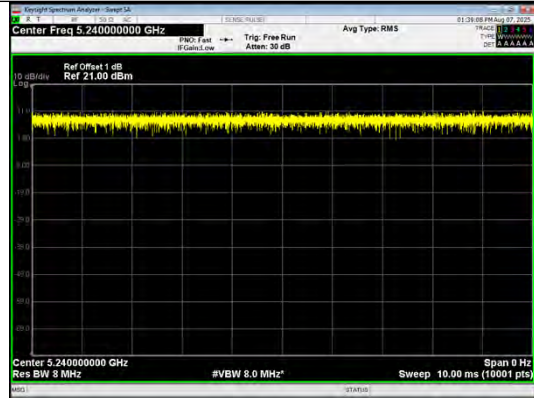
IEEE 802.11n_40MHz_Channel 46



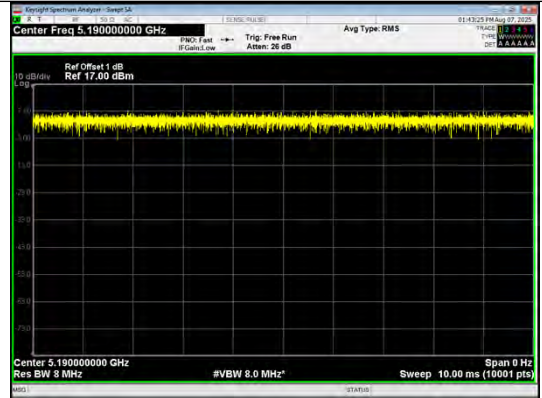
IEEE 802.11ac_20MHz_Channel 36



IEEE 802.11ac_20MHz_Channel 40



IEEE 802.11ac_20MHz_Channel 48



IEEE 802.11ac_40MHz_Channel 38



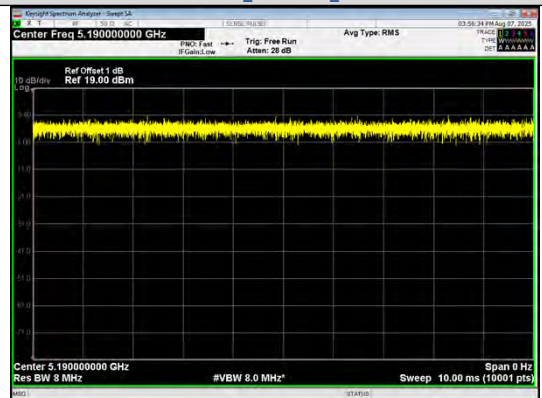
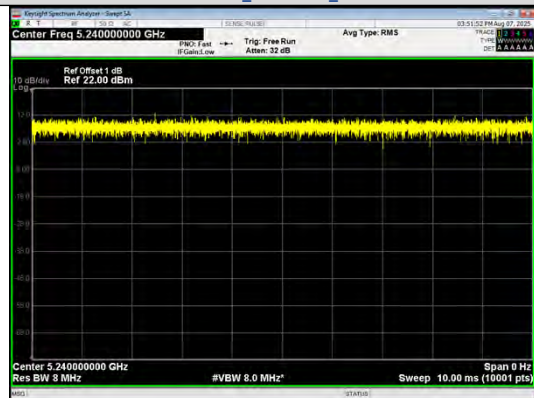
IEEE 802.11ac_40MHz_Channel 46

IEEE 802.11ac_80MHz_Channel 42



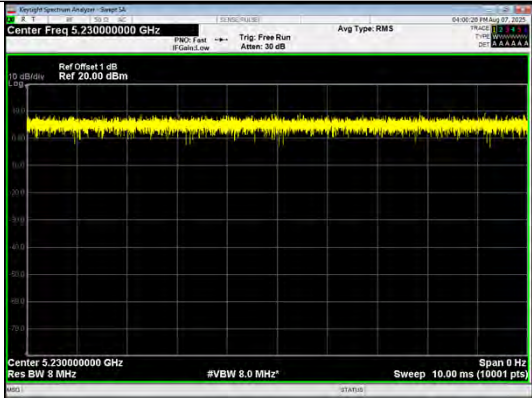
IEEE 802.11ax_20MHz_Channel 36

IEEE 802.11ax_20MHz_Channel 40

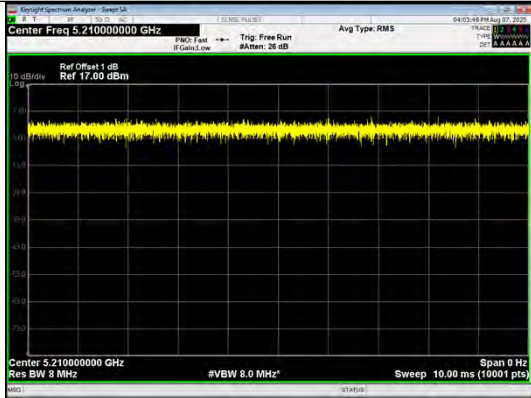


IEEE 802.11ax_20MHz_Channel 48

IEEE 802.11ax_40MHz_Channel 38



IEEE 802.11ax_40MHz_Channel 46



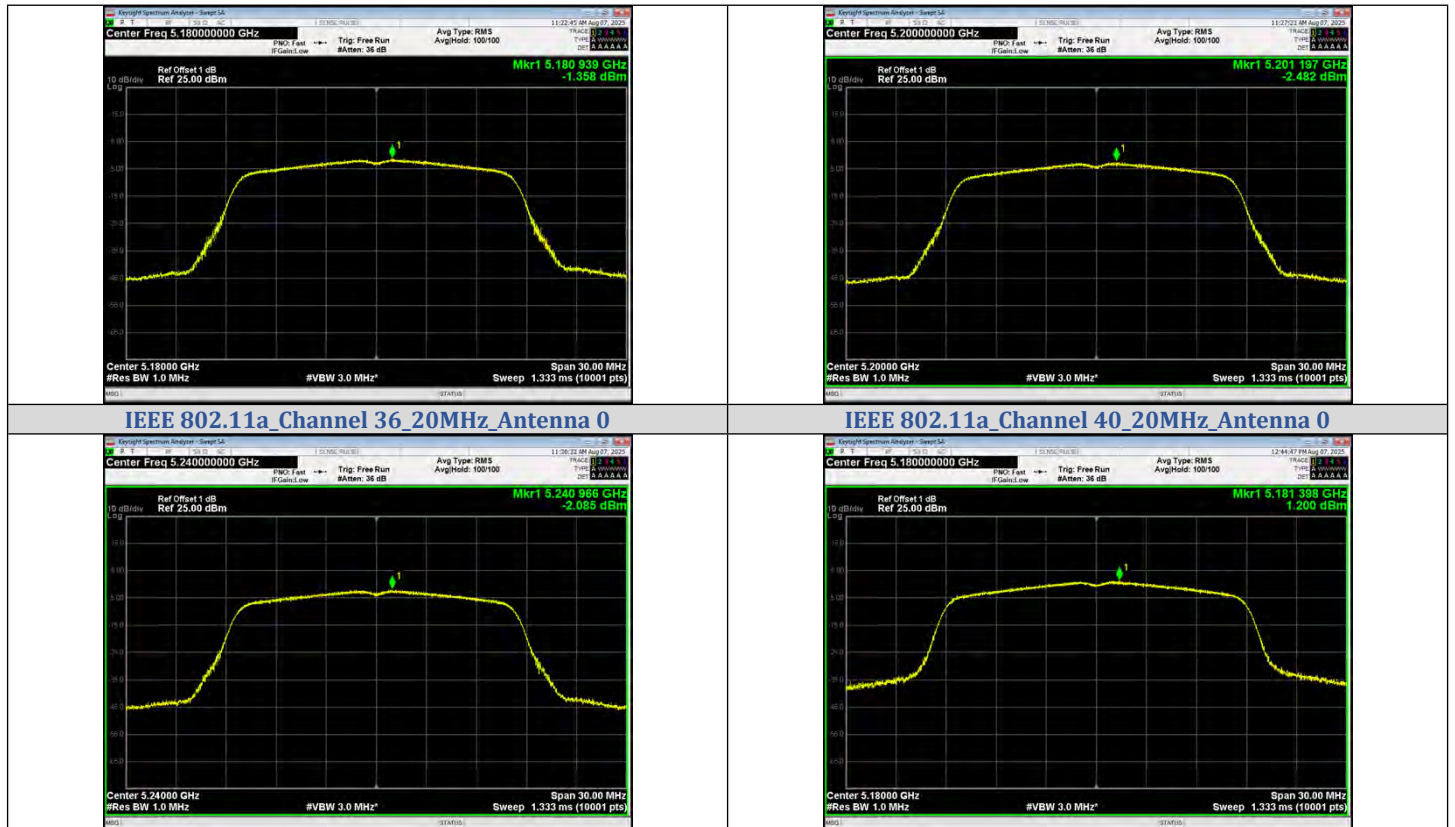
IEEE 802.11ax_80MHz_Channel 42

Peak Power Spectral Density

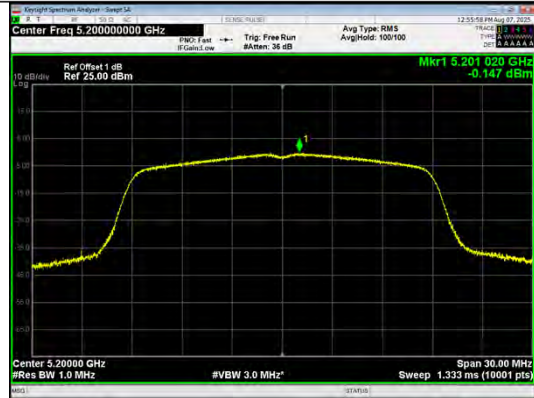
Test Result

Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	36	N/A	-1.360	11	PASS
	40		-2.480		PASS
	48		-2.080		PASS
IEEE 802.11n_20	36		1.200		PASS
	40		-0.150		PASS
	48		0.180		PASS
IEEE 802.11n_40	38		-3.360		PASS
	46		-2.340		PASS
IEEE 802.11ac_20	36		-0.520		PASS
	40		-0.200		PASS
	48		0.460		PASS
IEEE 802.11ac_40	38		-3.400		PASS
IEEE 802.11ac_80	46		-2.160		PASS
	42		-7.360		PASS
IEEE 802.11ax_20	36	SU	-0.460		PASS
	40		0.080		PASS
	48		0.070		PASS
IEEE 802.11ax_40	38		-3.120		PASS
	46		-2.490		PASS
IEEE 802.11ax_80	42		-7.240		PASS

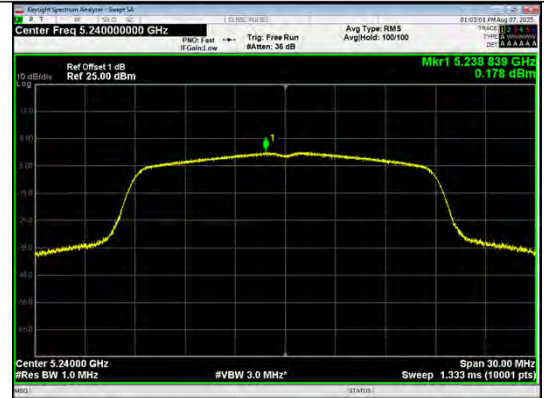
Test Graphs



IEEE 802.11a_Channel 48_20MHz_Antenna 0



IEEE 802.11n_Channel 36_20MHz_Antenna 0



IEEE 802.11n_Channel 40_20MHz_Antenna 0



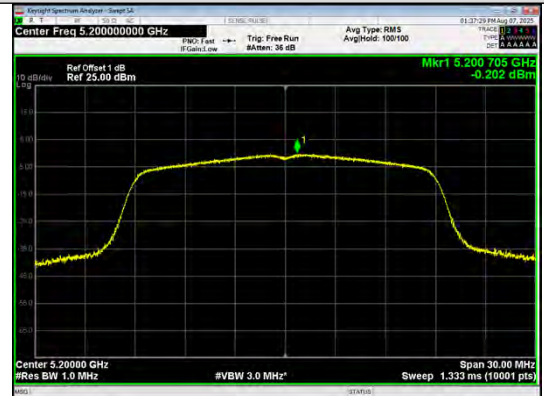
IEEE 802.11n_Channel 48_20MHz_Antenna 0



IEEE 802.11n_Channel 38_40MHz_Antenna 0



IEEE 802.11n_Channel 46_40MHz_Antenna 0



IEEE 802.11ac_Channel 36_20MHz_Antenna 0

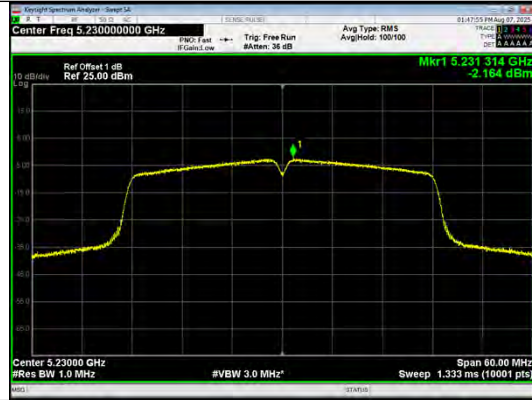


IEEE 802.11ac_Channel 40_20MHz_Antenna 0



IEEE 802.11ac_Channel 48_20MHz_Antenna 0

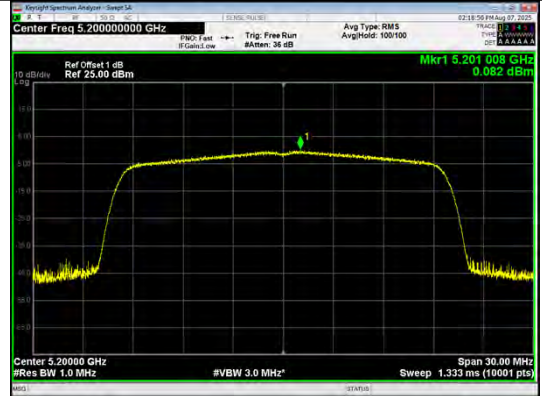
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



IEEE 802.11ac_Channel 46_40MHz_Antenna 0



IEEE 802.11ac_Channel 42_80MHz_Antenna 0



IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU

IEEE 802.11ax_Channel 42_80MHz_Antenna 0_RU&Index SU