

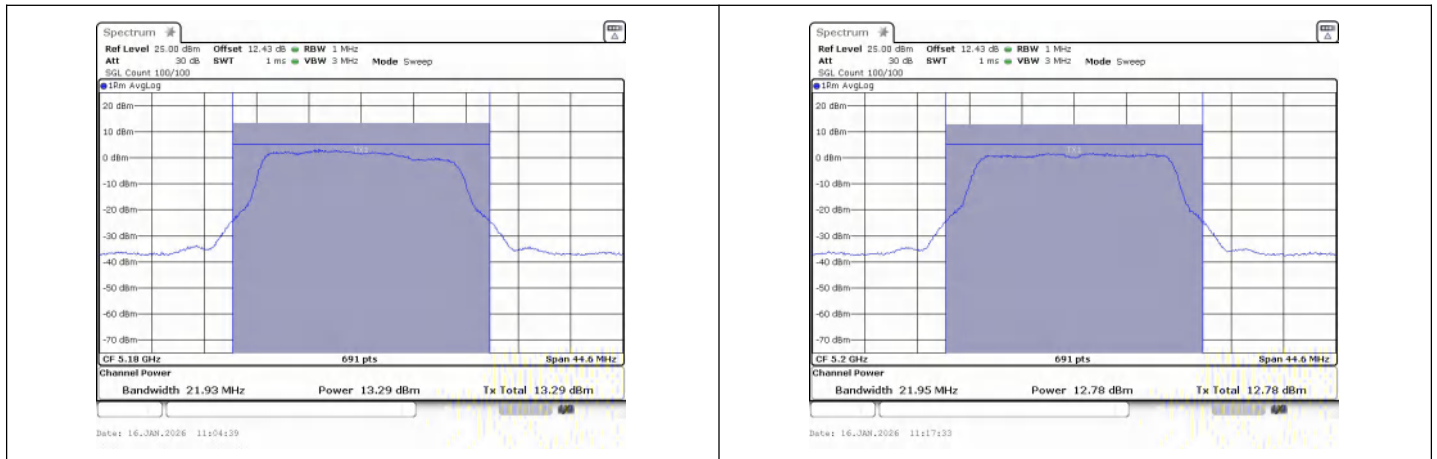
Appendix Report

1) Conducted Peak Output Power

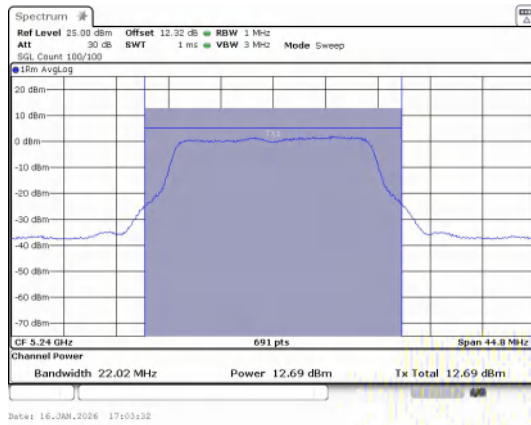
Conducted output power

Mode	Channel	RU & Index	Ant. 0 (dBm)	Corr'd Value Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11a	36	N/A	13.29	13.52	≤24	PASS
	40		12.78	13.02	≤24	PASS
	48		12.69	12.93	≤24	PASS
IEEE 802.11n_20	36		13.70	13.96	≤24	PASS
	40		14.88	15.14	≤24	PASS
	48		14.55	14.82	≤24	PASS
IEEE 802.11n_40	38		13.62	14.08	≤24	PASS
	46		11.50	11.96	≤24	PASS
IEEE 802.11ac_20	36		14.78	15.02	≤24	PASS
	40		13.95	14.19	≤24	PASS
	48		13.92	14.16	≤24	PASS
IEEE 802.11ac_40	38		12.63	13.26	≤24	PASS
	46		12.13	12.76	≤24	PASS
IEEE 802.11ac_80	42		11.73	11.73	≤24	PASS
IEEE 802.11ax_20	36	SU	15.04	13.79	≤24	PASS
	40		13.86	12.61	≤24	PASS
	48		12.61	11.36	≤24	PASS
IEEE 802.11ax_40	38		12.21	12.64	≤24	PASS
	46		12.00	12.43	≤24	PASS
IEEE 802.11ax_80	42		8.65	10.2	≤24	PASS

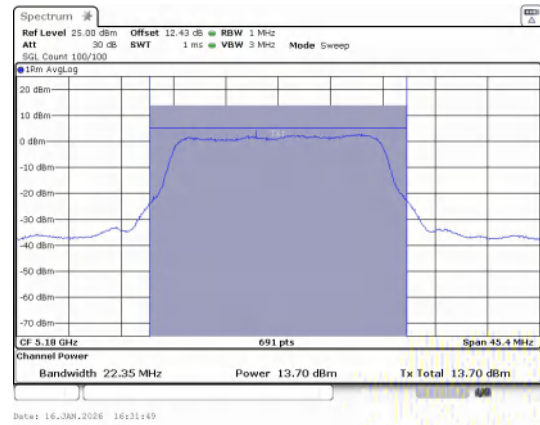
Note: Corrected Value = Antenna Power + Duty Cycle Factor.



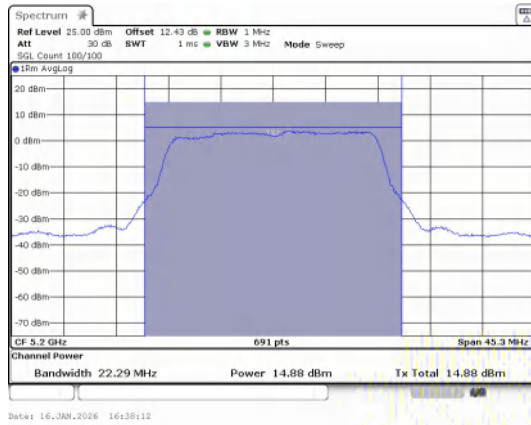
Conducted AVG output power
IEEE 802.11a_Channel 36_Antenna 0



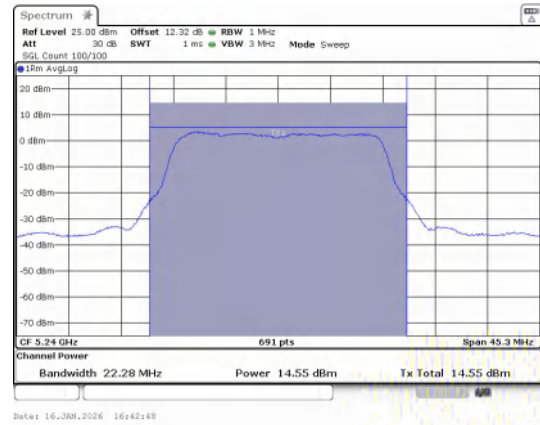
Conducted AVG output power
IEEE 802.11a_Channel 40_Antenna 0



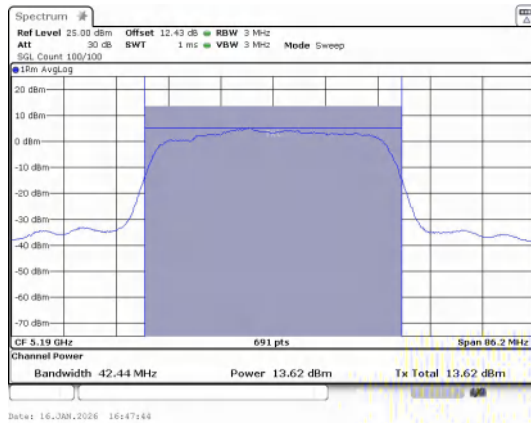
Conducted AVG output power
IEEE 802.11a_Channel 48_Antenna 0



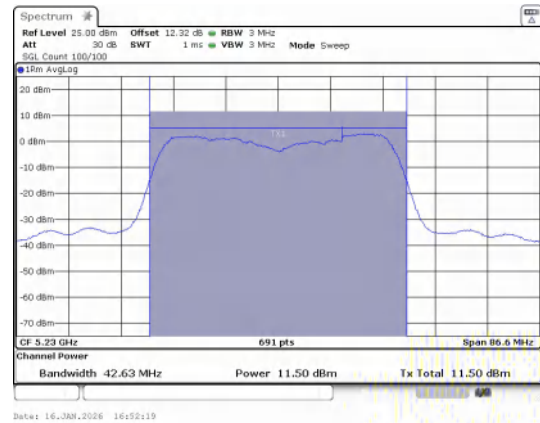
Conducted AVG output power
IEEE 802.11n_20_Channel 36_Antenna 0



Conducted AVG output power
IEEE 802.11n_20_Channel 40_Antenna 0

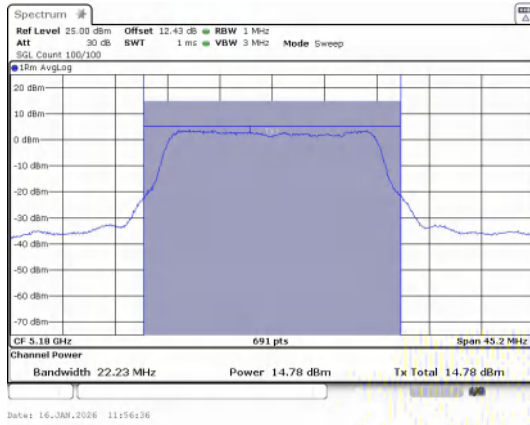


Conducted AVG output power
IEEE 802.11n_20_Channel 48_Antenna 0

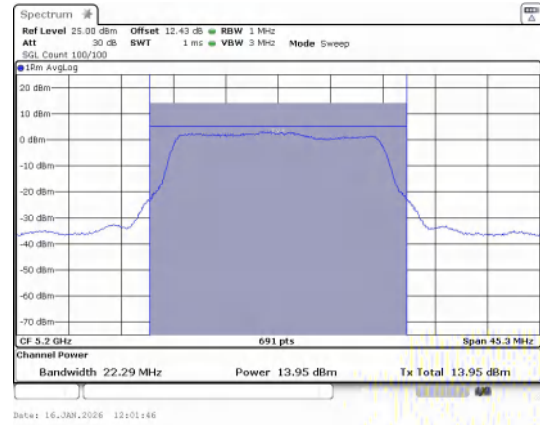


Conducted AVG output power
IEEE 802.11n_40_Channel 38_Antenna 0

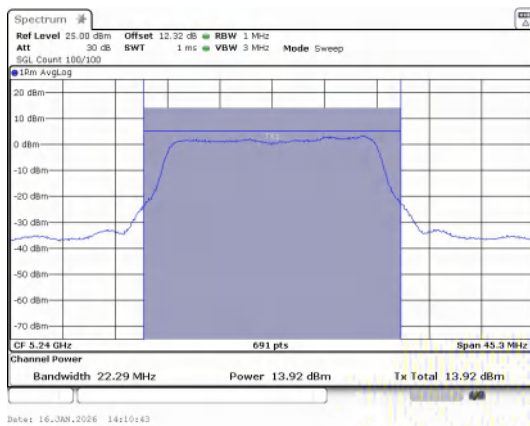
Conducted AVG output power
IEEE 802.11n_40_Channel 46_Antenna 0



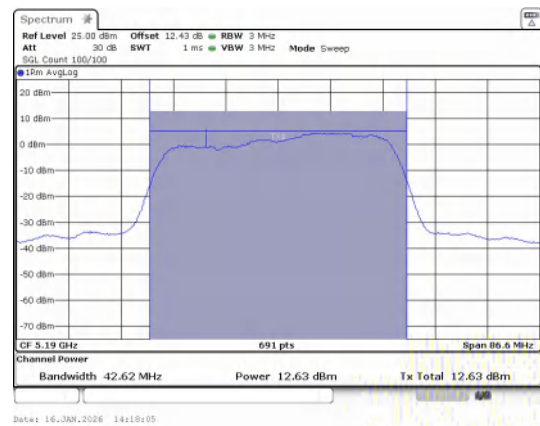
Conducted AVG output power
IEEE 802.11ac_20_Channel 36_Antenna 0



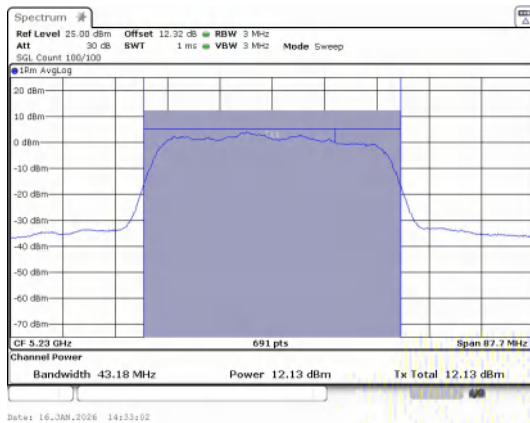
Conducted AVG output power
IEEE 802.11ac_20_Channel 40_Antenna 0



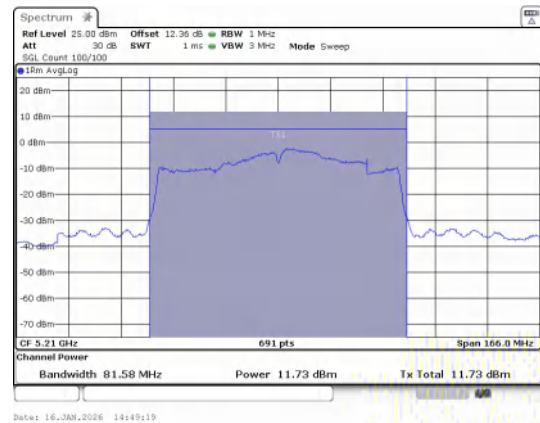
Conducted AVG output power
IEEE 802.11ac_20_Channel 48_Antenna 0



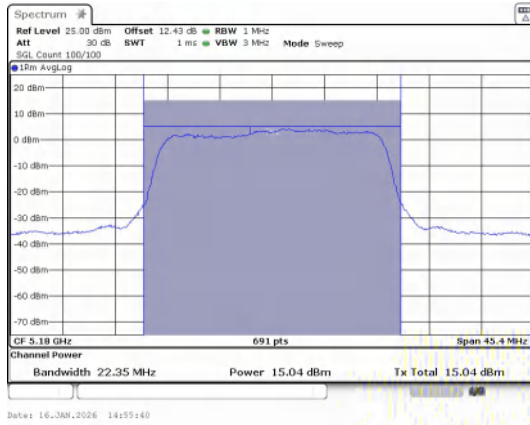
Conducted AVG output power
IEEE 802.11ac_40_Channel 38_Antenna 0



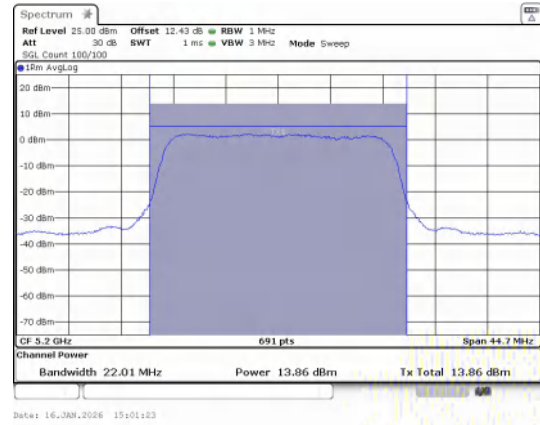
Conducted AVG output power
IEEE 802.11ac_40_Channel 46_Antenna 0



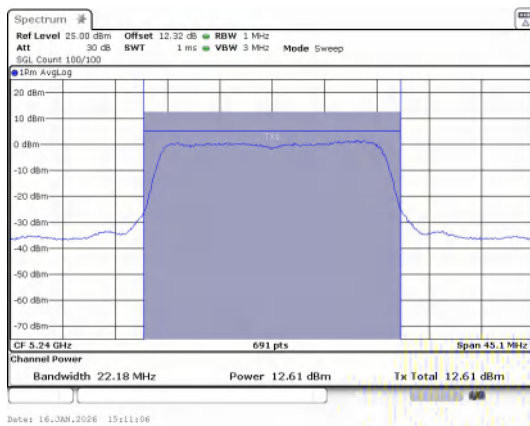
Conducted AVG output power
IEEE 802.11ac_80_Channel 42_Antenna 0



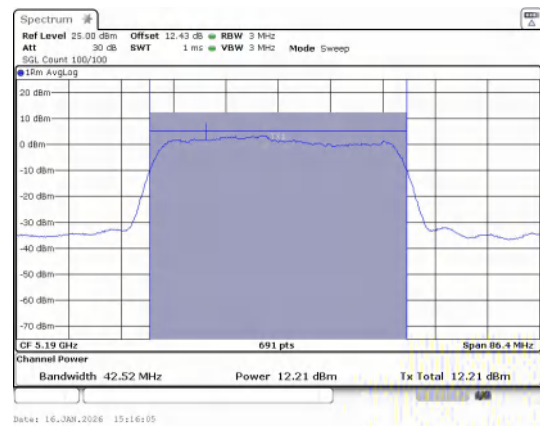
Conducted AVG output power
IEEE 802.11ax_20_Channel 36_Antenna 0_RU&Index SU



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



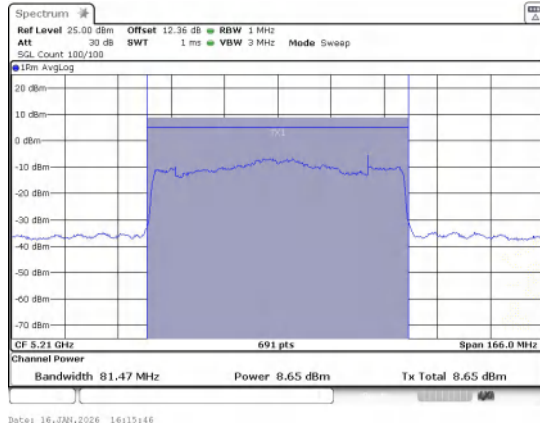
Conducted AVG output power
IEEE 802.11ax_20_Channel 48_Antenna 0_RU&Index SU



Conducted AVG output power
IEEE 802.11ax_40_Channel 38_Antenna 0_RU&Index SU



Conducted AVG output power
IEEE 802.11ax_40_Channel 46_Antenna 0_RU&Index SU



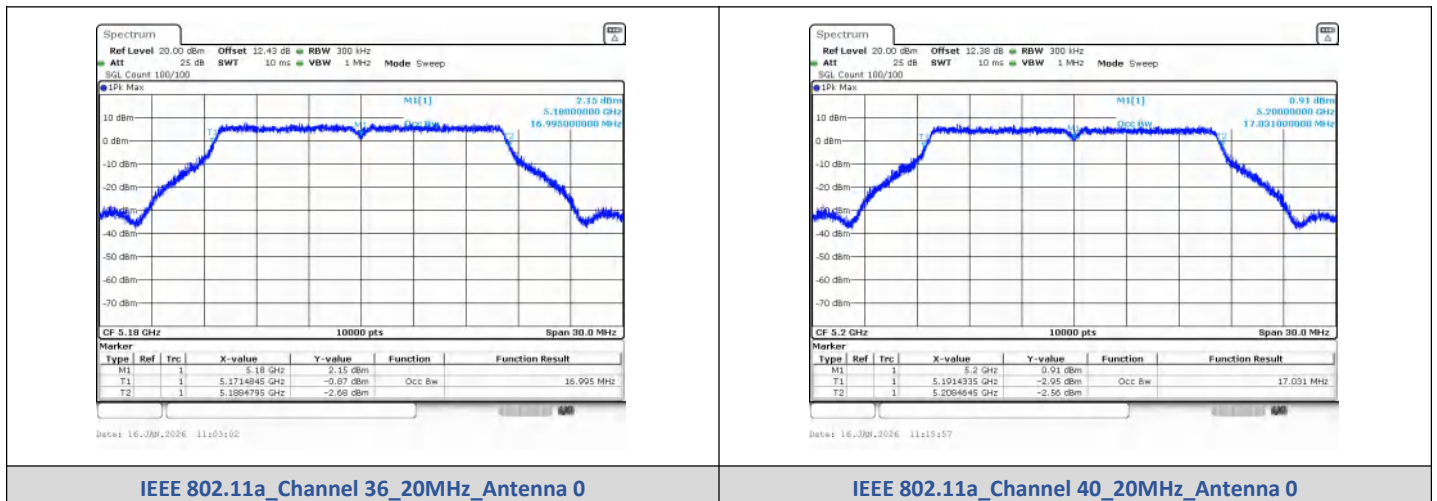
Conducted AVG output power
IEEE 802.11ax_80_Channel 42_Antenna 0_RU&Index SU

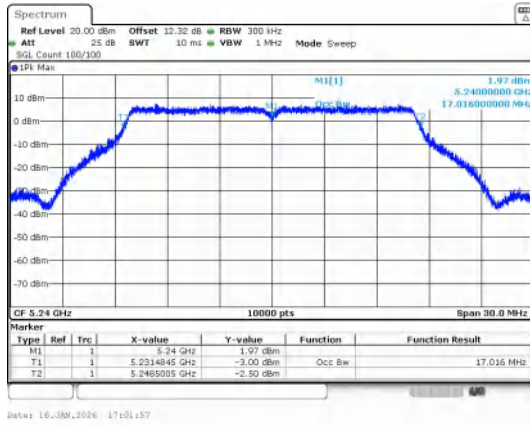
2) 99% Bandwidth

Test Result

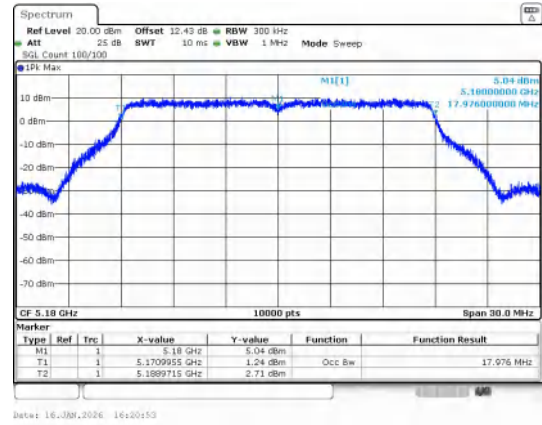
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	99% BW (MHz)
IEEE 802.11a	36	N/A	0	5180	16.995
	40			5200	17.031
	48			5240	17.016
IEEE 802.11n_20	36			5180	17.976
	40			5200	18.018
	48			5240	18.006
IEEE 802.11n_40	38			5190	36.612
	46			5230	36.618
IEEE 802.11ac_20	36			5180	17.997
	40			5200	18.021
	48			5240	18.009
IEEE 802.11ac_40	38			5190	36.600
	46			5230	36.618
IEEE 802.11ac_80	42			5210	75.252
IEEE 802.11ax_20	36	SU	5180	19.029	
	40		5200	19.056	
	48		5240	19.068	
IEEE 802.11ax_40	38		5190	37.848	
	46		5230	37.878	
IEEE 802.11ax_80	42		5210	76.824	

Test Graphs

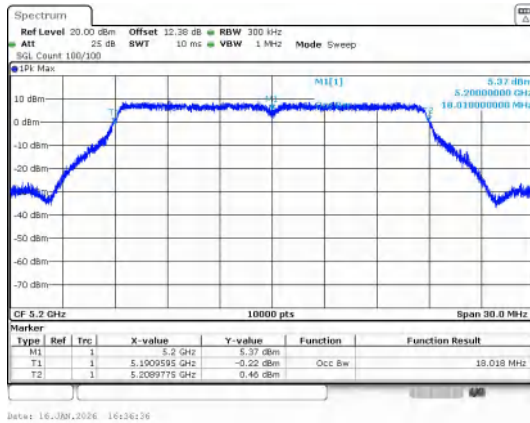




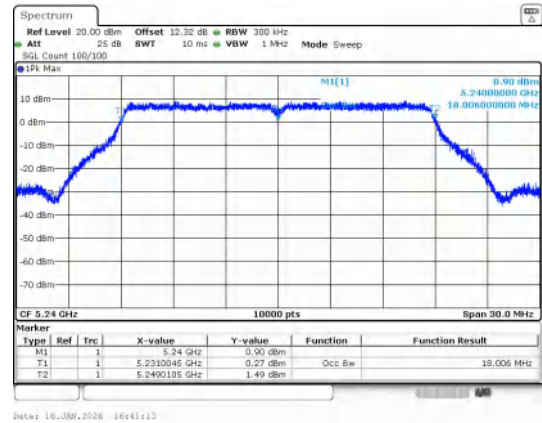
IEEE 802.11a_Channel 48_20MHz_Antenna 0



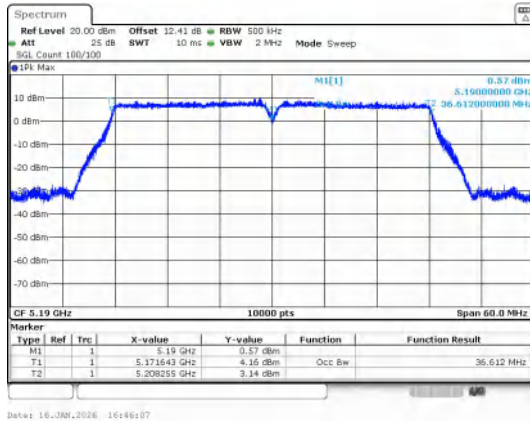
IEEE 802.11n_Channel 36_20MHz_Antenna 0



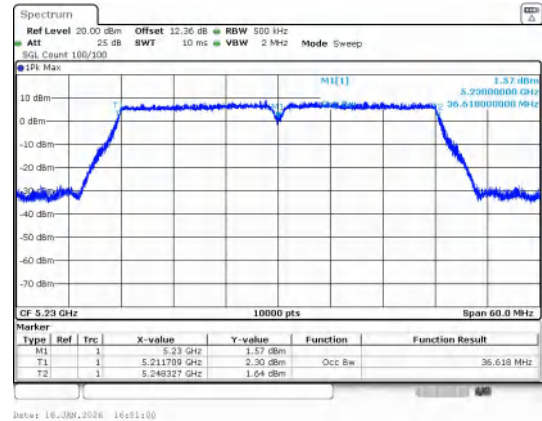
IEEE 802.11n_Channel 40_20MHz_Antenna 0



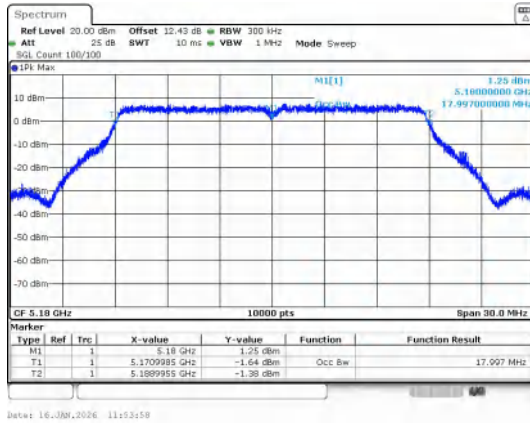
IEEE 802.11n_Channel 48_20MHz_Antenna 0



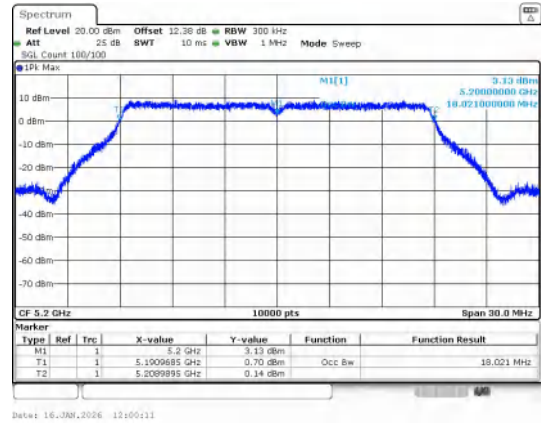
IEEE 802.11n_Channel 38_40MHz_Antenna 0



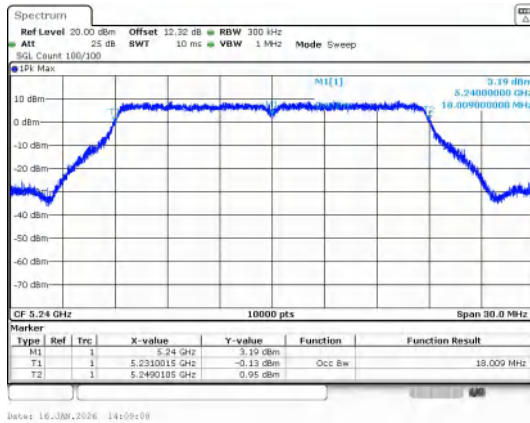
IEEE 802.11n_Channel 46_40MHz_Antenna 0



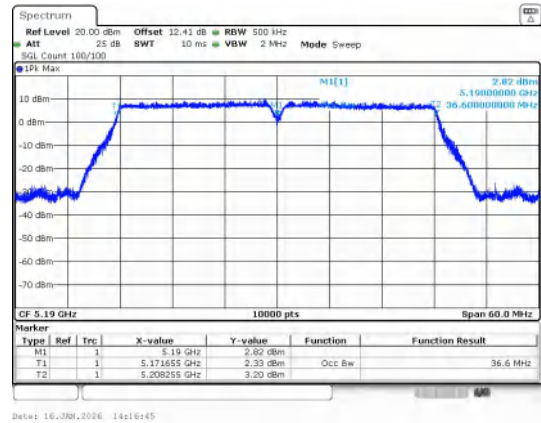
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



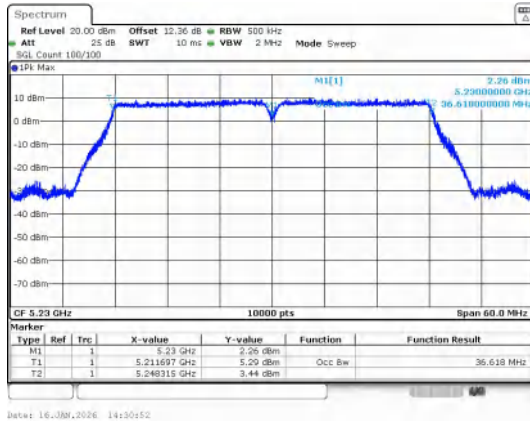
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



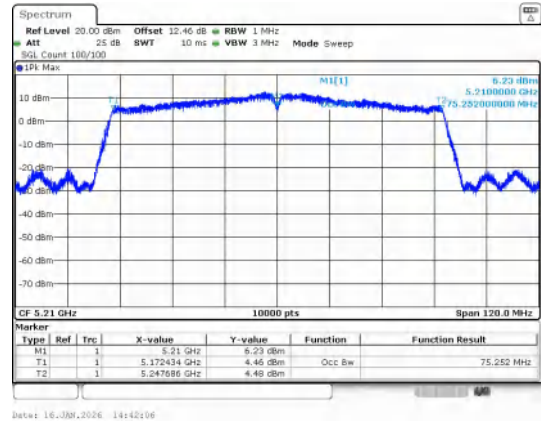
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



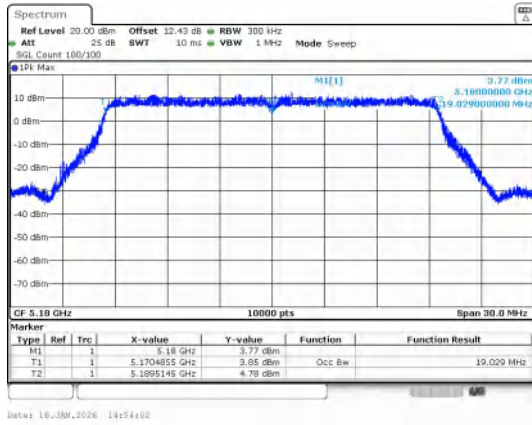
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



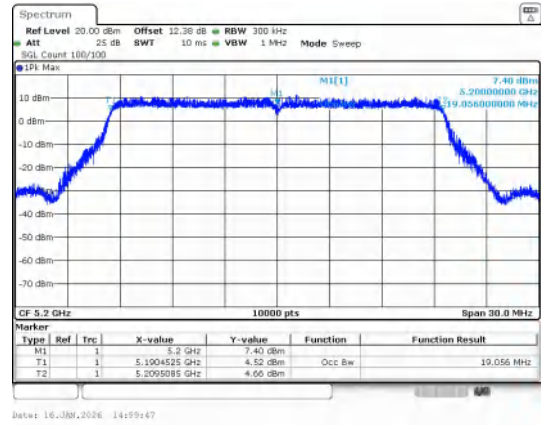
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



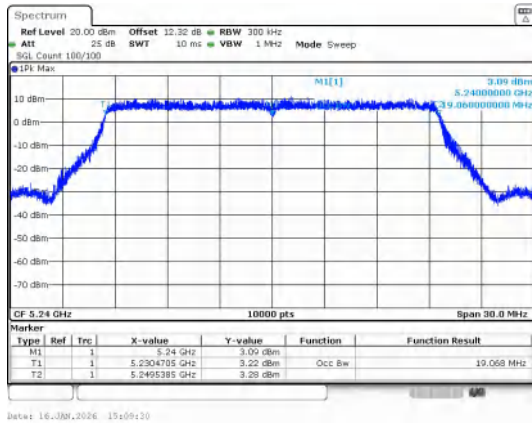
IEEE 802.11ac_Channel 42_80MHz_Antenna 0



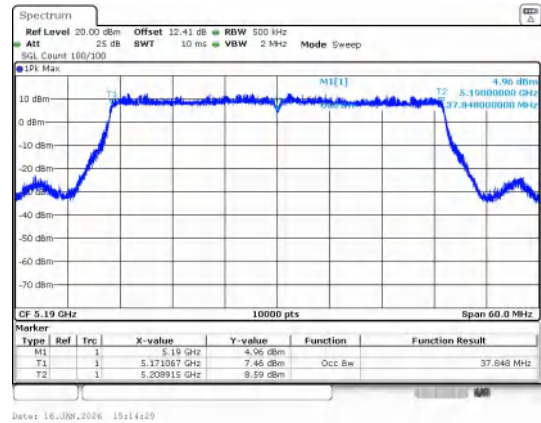
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



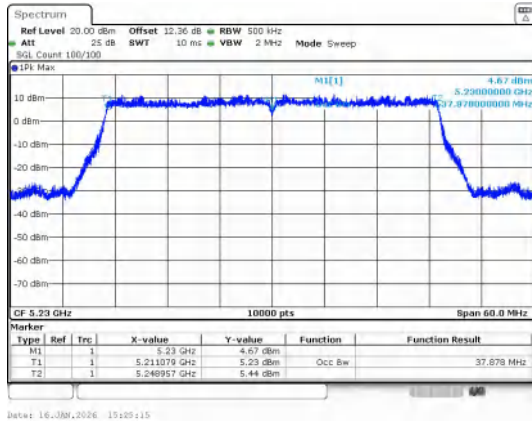
IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



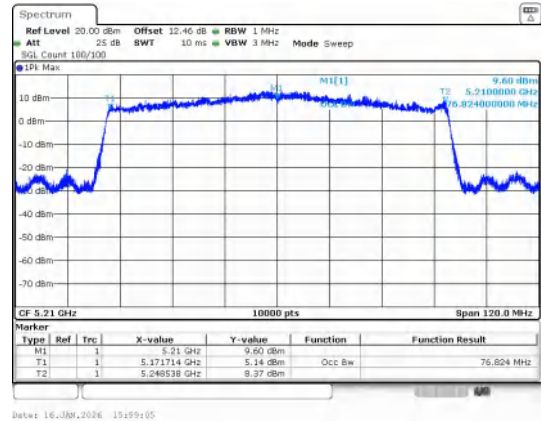
IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU



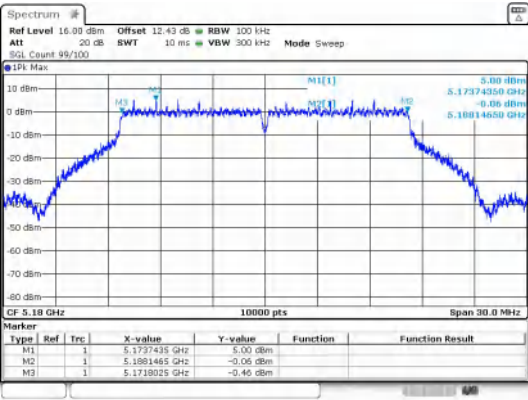
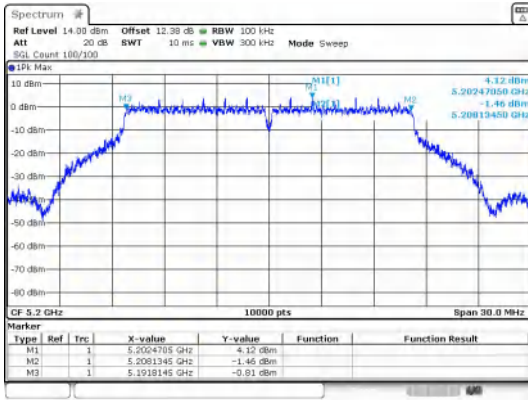
IEEE 802.11ax_Channel 42_80MHz_Antenna 0_RU&Index SU

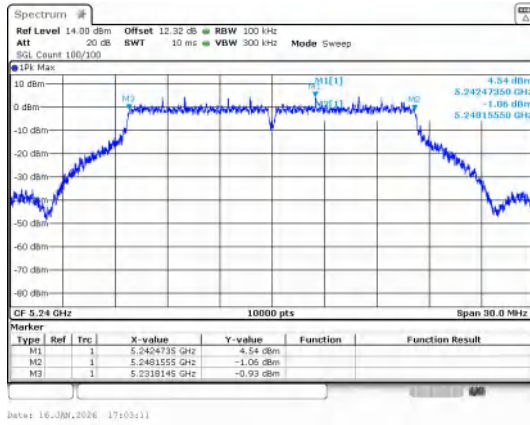
3) 6dB Bandwidth

Test Result

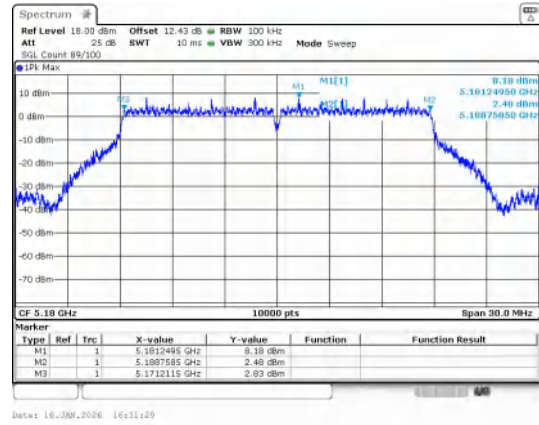
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	36	N/A	0	5180	16.35	≥0.5	PASS
	40			5200	16.32		PASS
	48			5240	16.35		PASS
IEEE 802.11n_20	36			5180	17.55		PASS
	40			5200	17.54		PASS
	48			5240	17.51		PASS
IEEE 802.11n_40	38			5190	36.28		PASS
	46			5230	36.29		PASS
IEEE 802.11ac_20	36			5180	17.54		PASS
	40			5200	17.56		PASS
	48			5240	17.51		PASS
IEEE 802.11ac_40	38			5190	36.27		PASS
	46			5230	36.32		PASS
IEEE 802.11ac_80	42			5210	66.24		PASS
IEEE 802.11ax_20	36	SU		5180	18.85	PASS	
	40			5200	18.76	PASS	
	48			5240	18.88	PASS	
IEEE 802.11ax_40	38			5190	37.71	PASS	
	46			5230	37.89	PASS	
IEEE 802.11ax_80	42			5210	64.59	PASS	

Test Graphs

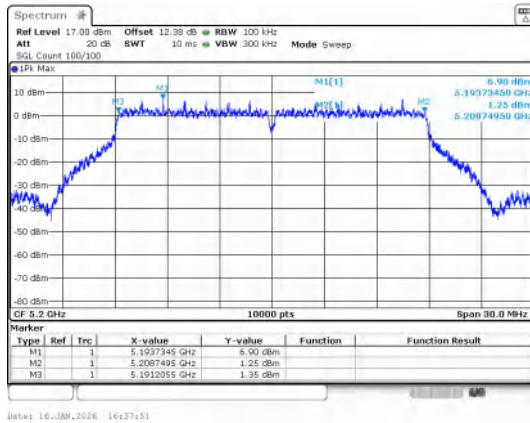
 IEEE 802.11a_Channel 36_20MHz_Antenna 0	 IEEE 802.11a_Channel 40_20MHz_Antenna 0
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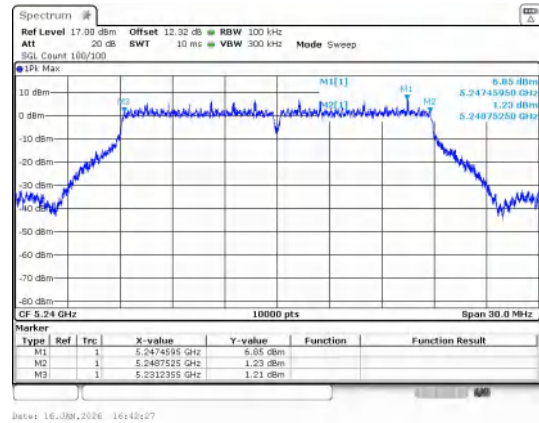
IEEE 802.11a_Channel 48_20MHz_Antenna 0



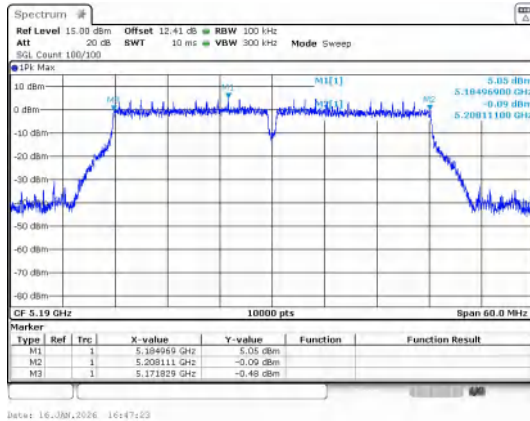
IEEE 802.11n_Channel 36_20MHz_Antenna 0



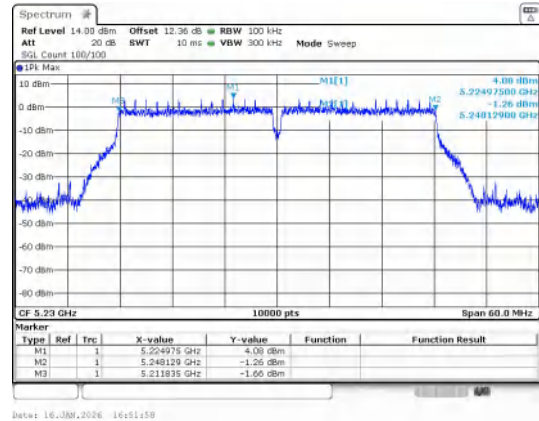
IEEE 802.11n_Channel 40_20MHz_Antenna 0



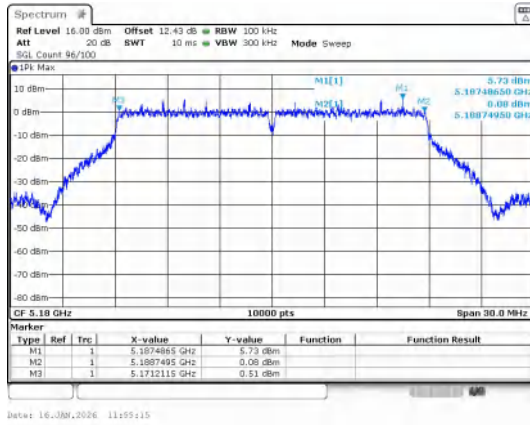
IEEE 802.11n_Channel 48_20MHz_Antenna 0



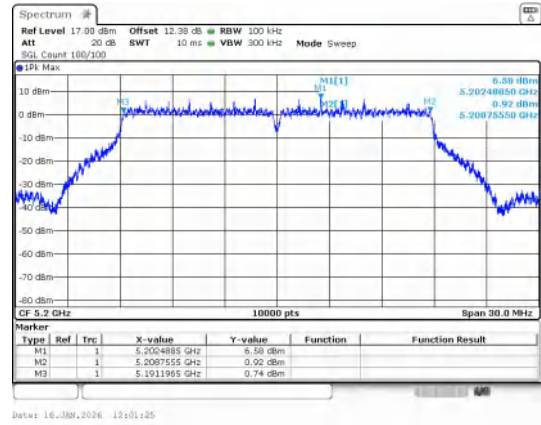
IEEE 802.11n_Channel 38_40MHz_Antenna 0



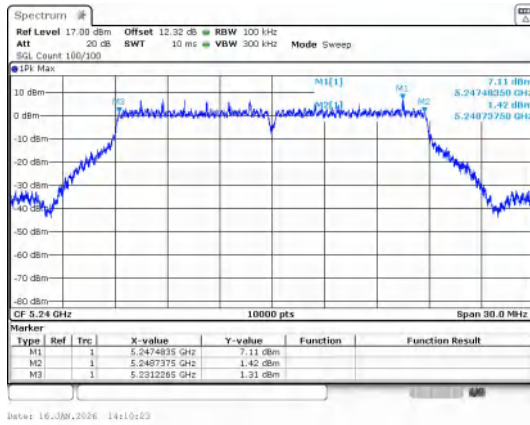
IEEE 802.11n_Channel 46_40MHz_Antenna 0



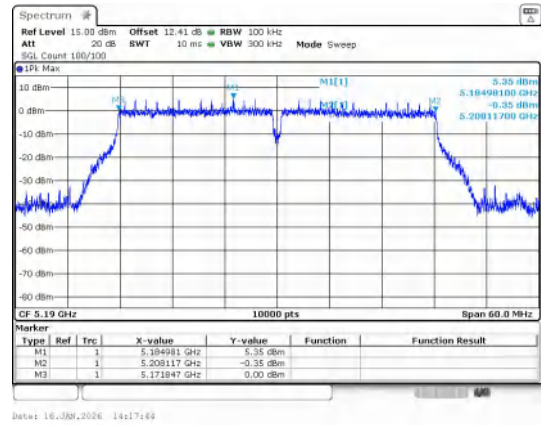
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



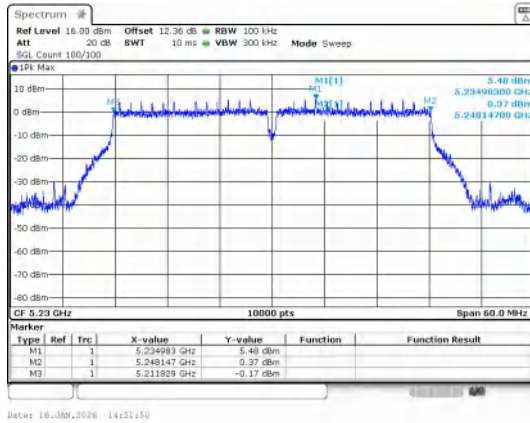
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



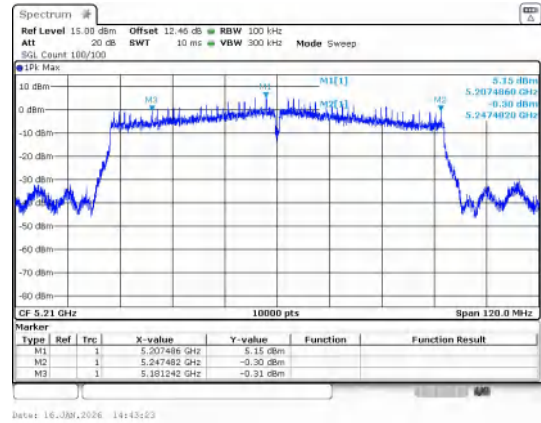
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



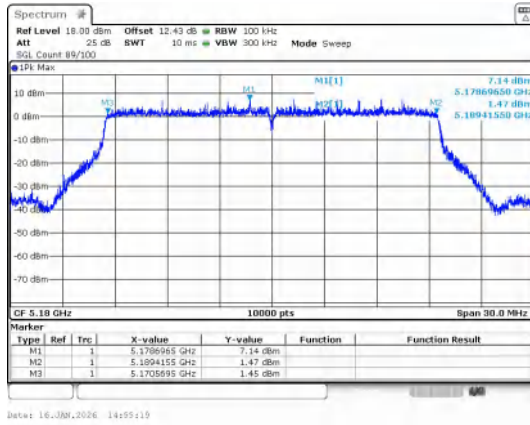
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



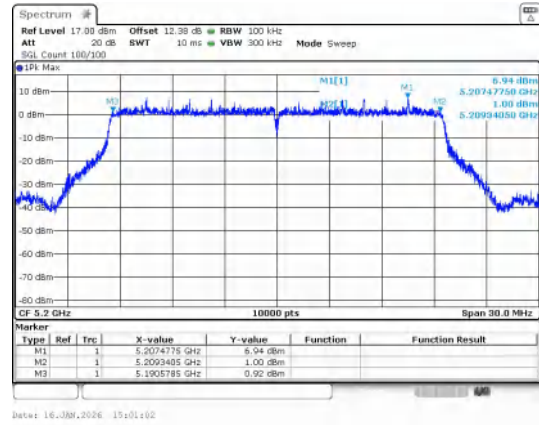
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



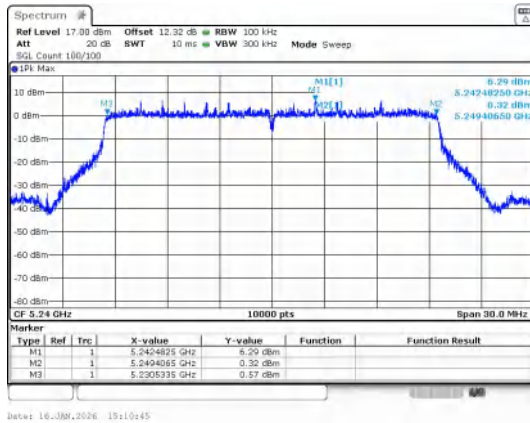
IEEE 802.11ac_Channel 42_80MHz_Antenna 0



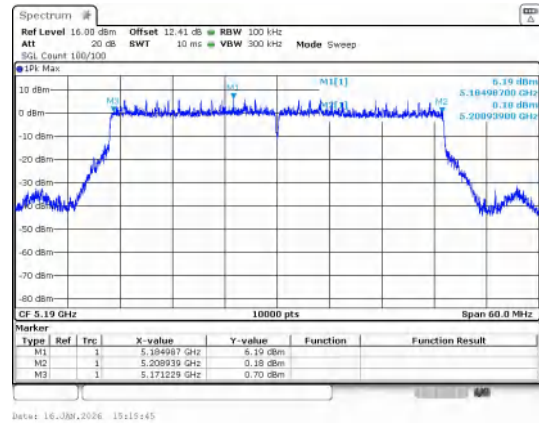
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



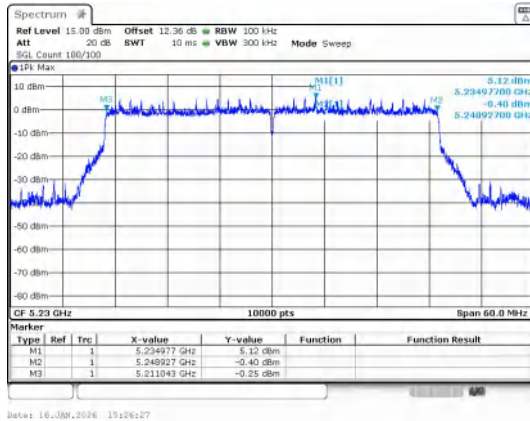
IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



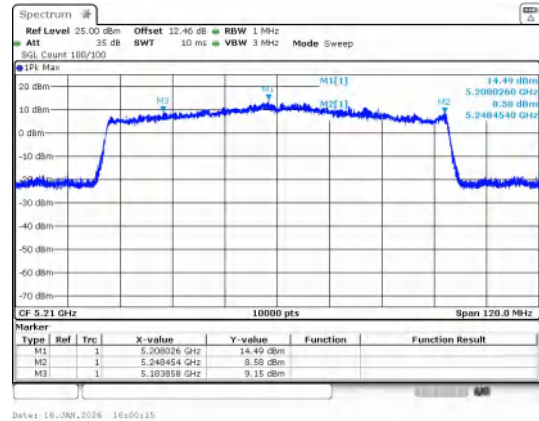
IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU



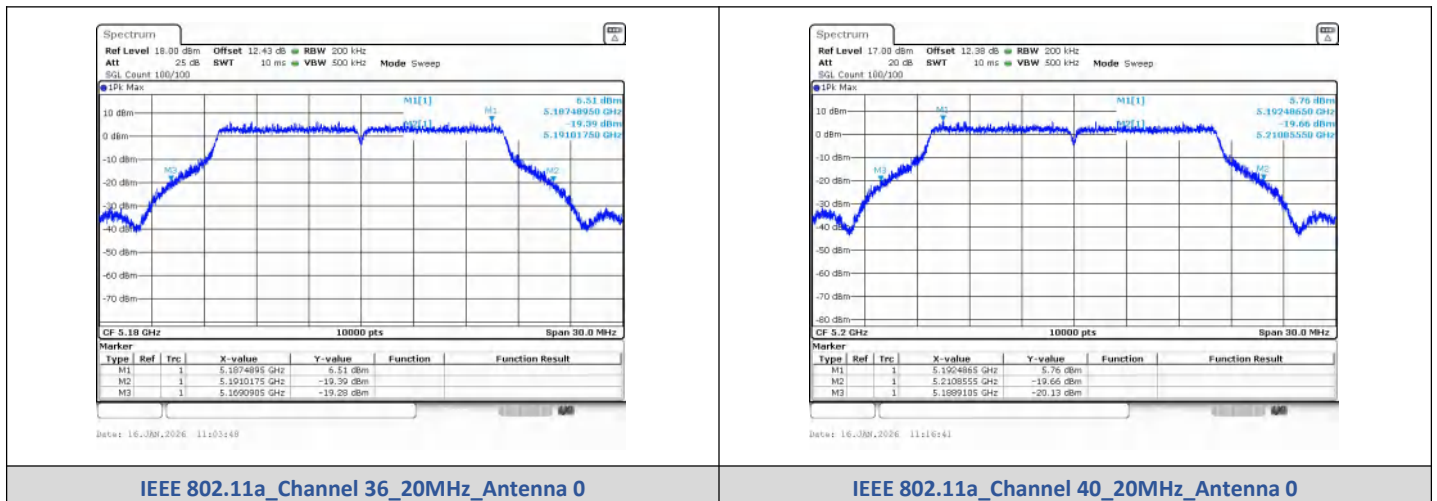
IEEE 802.11ax_Channel 42_80MHz_Antenna 0_RU&Index SU

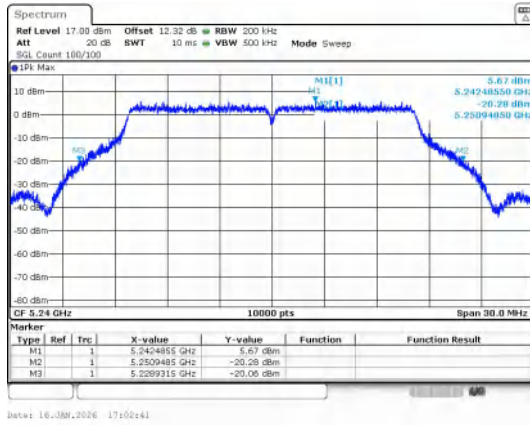
4) 26dB Bandwidth

Test Result

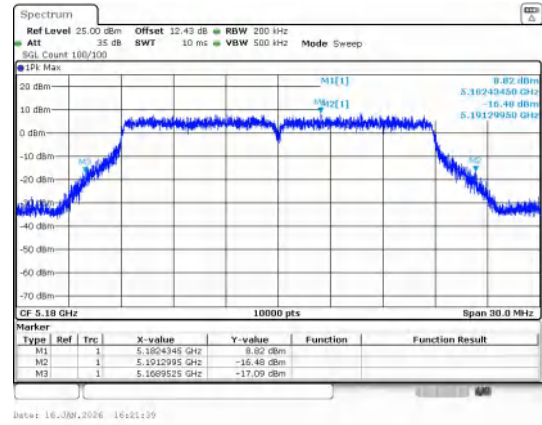
Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	26 dB Bandwidth (MHz)	RBW/EBW
IEEE 802.11a	36	N/A	0	5180	21.93	1.11
	40			5200	21.95	1.1
	48			5240	22.02	1.11
IEEE 802.11n_20	36			5180	22.35	1.09
	40			5200	22.29	1.11
	48			5240	22.28	1.11
IEEE 802.11n_40	38			5190	42.44	1.05
	46			5230	42.63	1.2
IEEE 802.11ac_20	36			5180	22.23	1.11
	40			5200	22.29	1.1
	48			5240	22.29	1.1
IEEE 802.11ac_40	38			5190	42.62	1.2
	46			5230	43.18	1.18
IEEE 802.11ac_80	42			5210	81.58	1.02
IEEE 802.11ax_20	36	SU	5180	22.35	1.09	
	40		5200	22.01	1.11	
	48		5240	22.18	1.1	
IEEE 802.11ax_40	38		5190	42.52	1.04	
	46		5230	42.39	1.05	
IEEE 802.11ax_80	42		5210	81.47	1.02	

Test Graphs

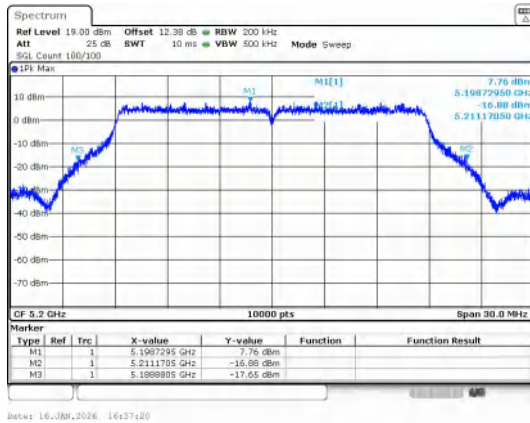




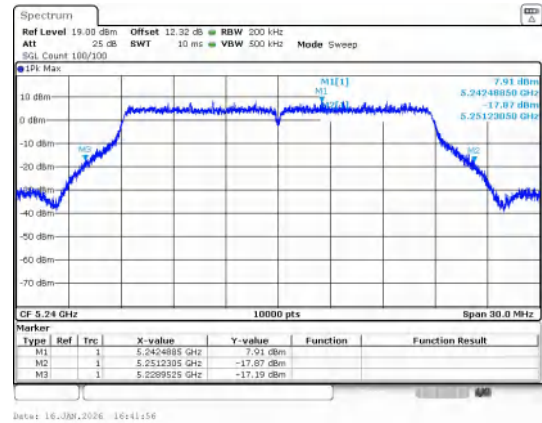
IEEE 802.11a_Channel 48_20MHz_Antenna 0



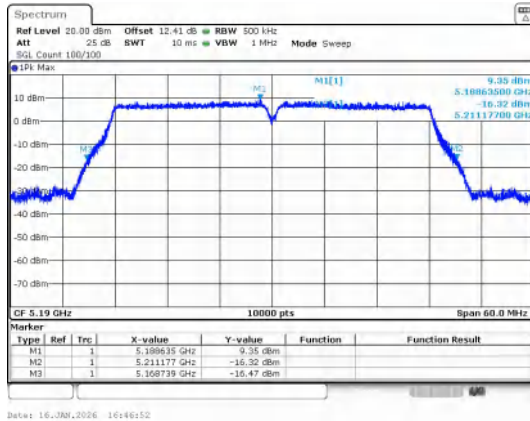
IEEE 802.11n_Channel 36_20MHz_Antenna 0



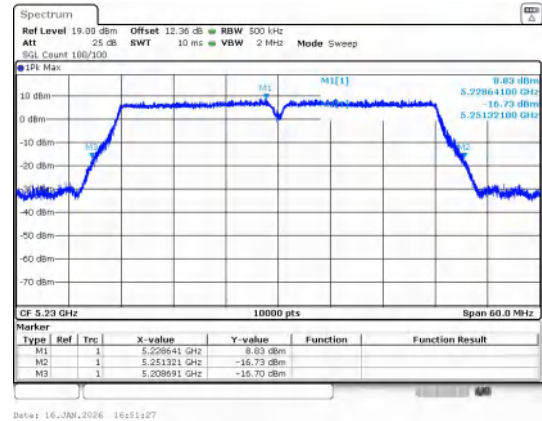
IEEE 802.11n_Channel 40_20MHz_Antenna 0



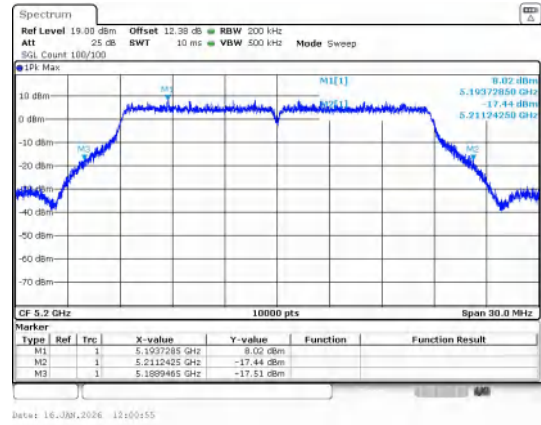
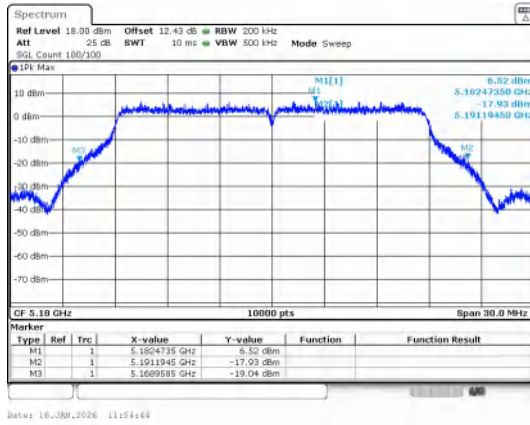
IEEE 802.11n_Channel 48_20MHz_Antenna 0



IEEE 802.11n_Channel 38_40MHz_Antenna 0

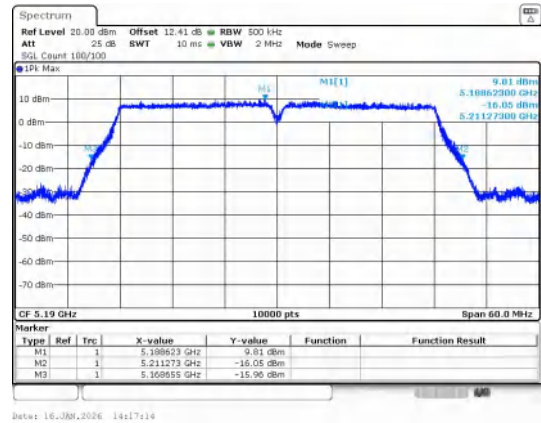
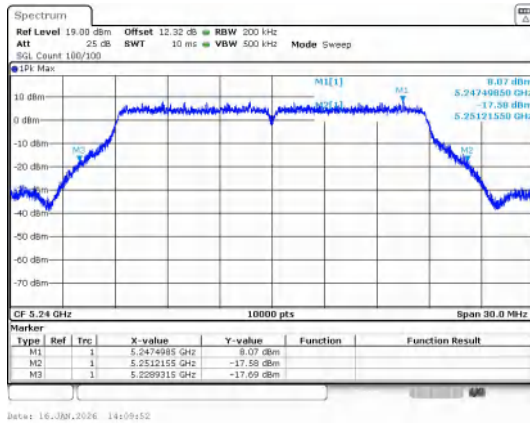


IEEE 802.11n_Channel 46_40MHz_Antenna 0



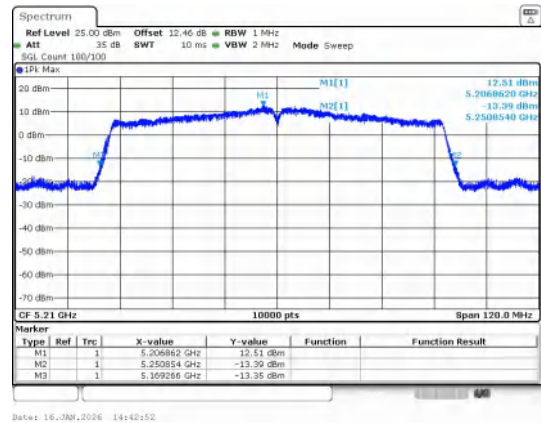
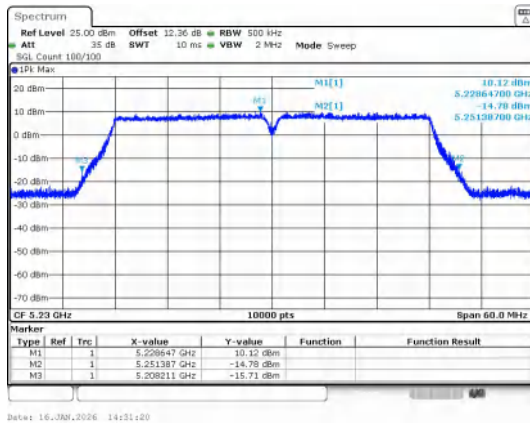
IEEE 802.11ac_Channel 36_20MHz_Antenna 0

IEEE 802.11ac_Channel 40_20MHz_Antenna 0



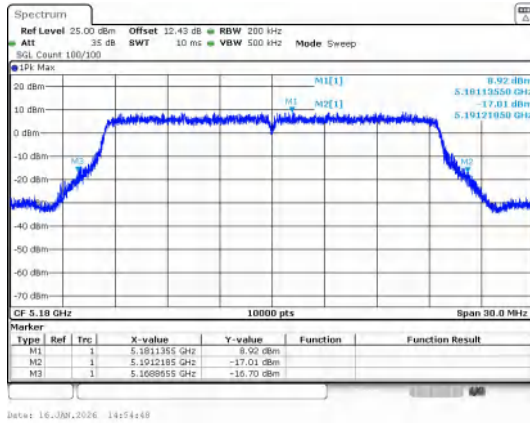
IEEE 802.11ac_Channel 48_20MHz_Antenna 0

IEEE 802.11ac_Channel 38_40MHz_Antenna 0

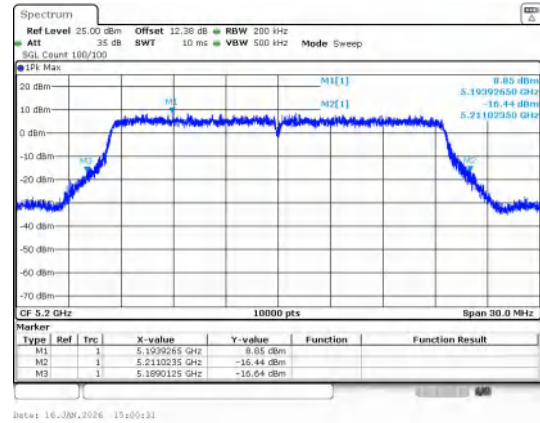


IEEE 802.11ac_Channel 46_40MHz_Antenna 0

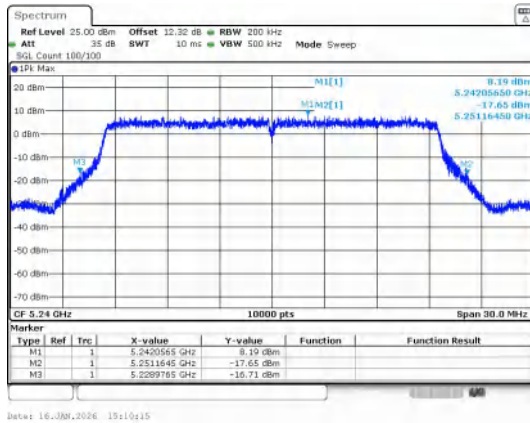
IEEE 802.11ac_Channel 42_80MHz_Antenna 0



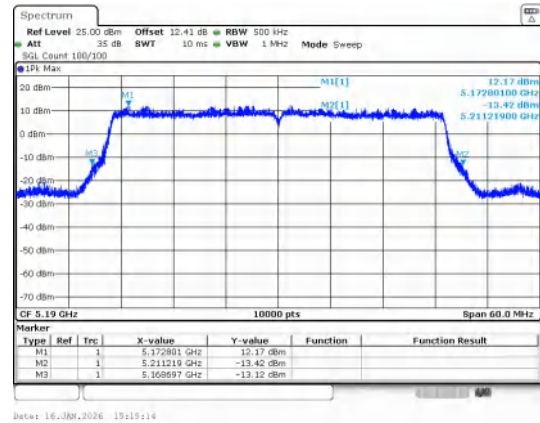
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



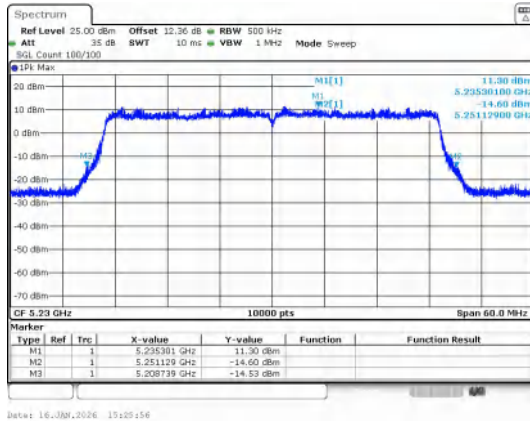
IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



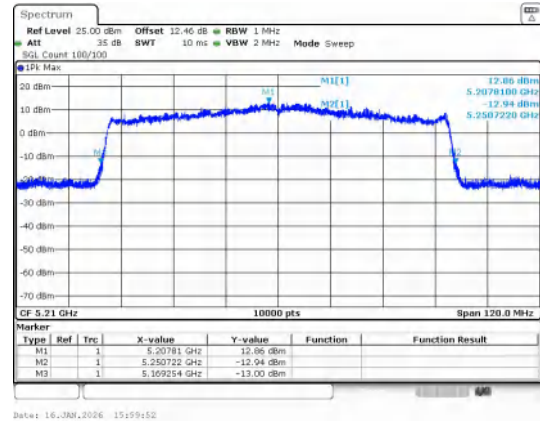
IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 38_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU



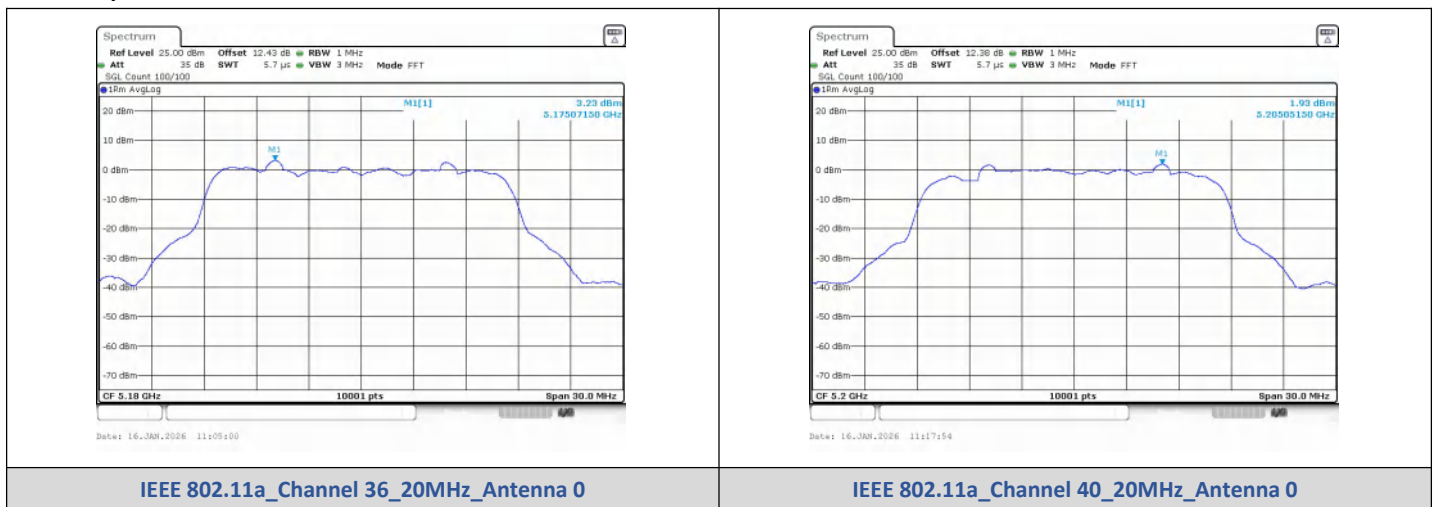
IEEE 802.11ax_Channel 42_80MHz_Antenna 0_RU&Index SU

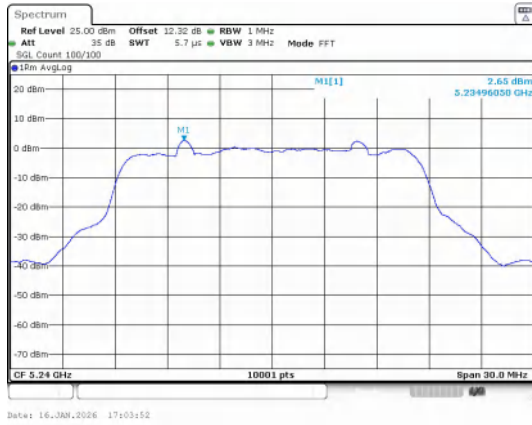
5) Power Spectral Density

Test Result

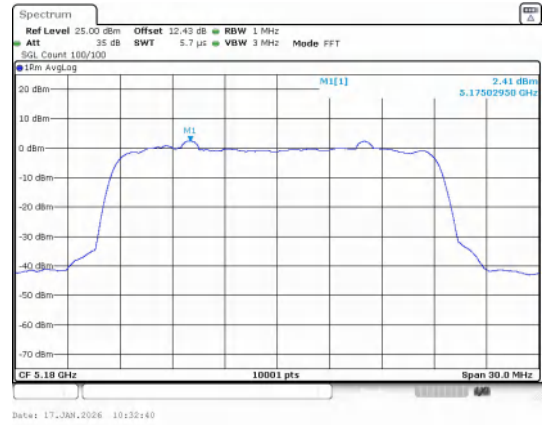
Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/MHz)	Ant. 0 Corr'd PSD (dBm/MHz)	Limit (dBm/MHz)	Result
IEEE 802.11a	36	N/A	3.230	3.466	11	PASS
	40		1.930	2.167		PASS
	48		2.650	2.886		PASS
IEEE 802.11n_20	36		2.410	2.671		PASS
	40		3.560	3.821		PASS
	48		3.690	3.951		PASS
IEEE 802.11n_40	38		2.080	2.542		PASS
	46		0.870	1.332		PASS
IEEE 802.11ac_20	36		4.860	5.103		PASS
	40		3.400	3.643		PASS
	48		5.230	5.473		PASS
IEEE 802.11ac_40	38		2.150	2.779		PASS
	46		2.530	3.159		PASS
IEEE 802.11ac_80	42		-2.700	-2.699		PASS
IEEE 802.11ax_20	36	SU	4.220	2.971		PASS
	40		3.920	2.671		PASS
	48		2.760	1.511		PASS
IEEE 802.11ax_40	38		1.360	1.791		PASS
	46		2.260	2.691		PASS
IEEE 802.11ax_80	42		-3.550	-1.999		PASS

Test Graphs

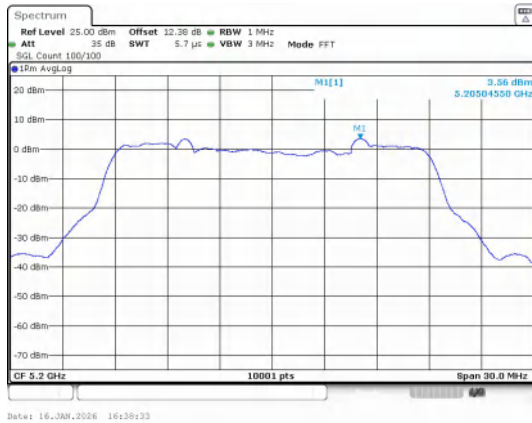




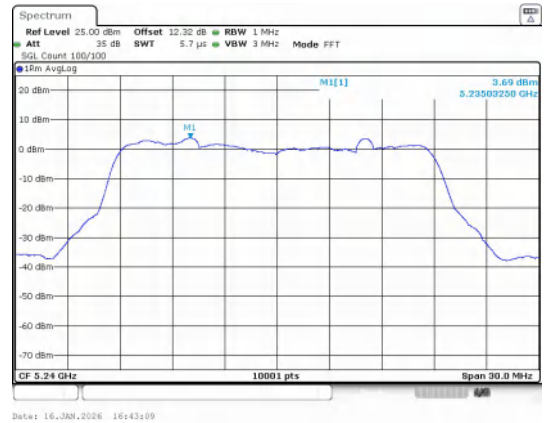
IEEE 802.11a_Channel 48_20MHz_Antenna 0



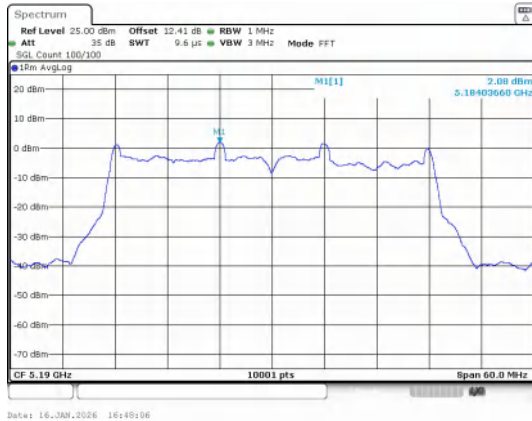
IEEE 802.11n_Channel 36_20MHz_Antenna 0



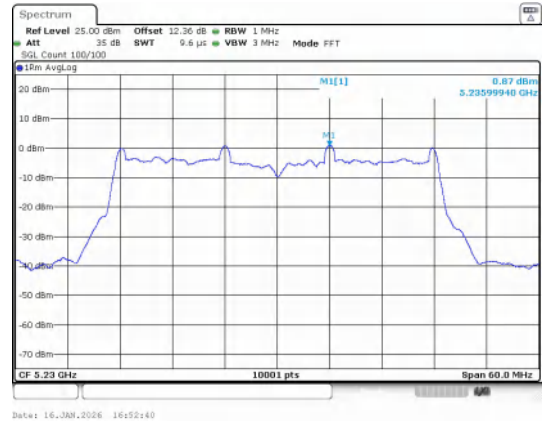
IEEE 802.11a_Channel 40_20MHz_Antenna 0



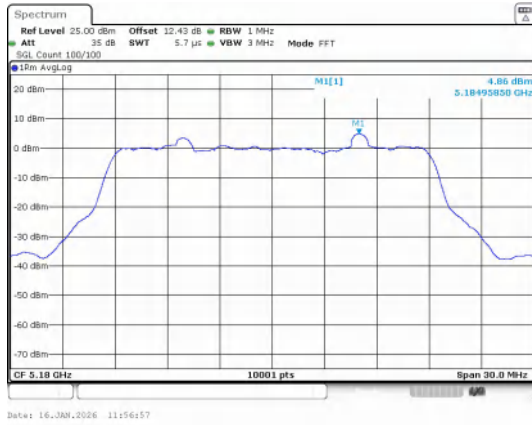
IEEE 802.11n_Channel 48_20MHz_Antenna 0



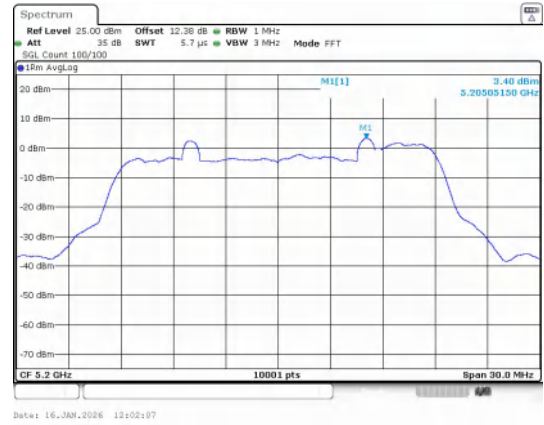
IEEE 802.11n_Channel 38_40MHz_Antenna 0



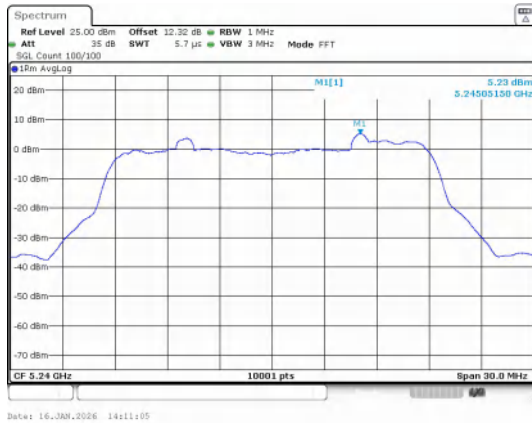
IEEE 802.11n_Channel 46_40MHz_Antenna 0



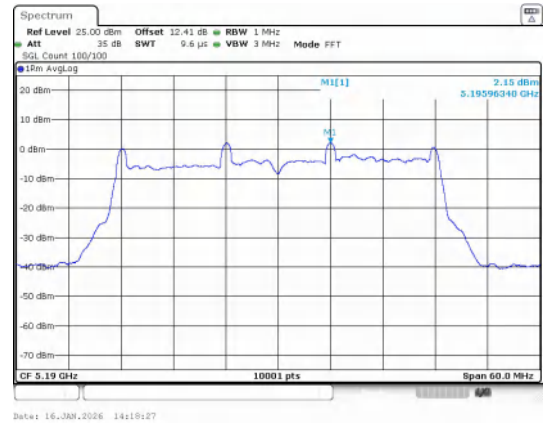
IEEE 802.11ac_Channel 36_20MHz_Antenna 0



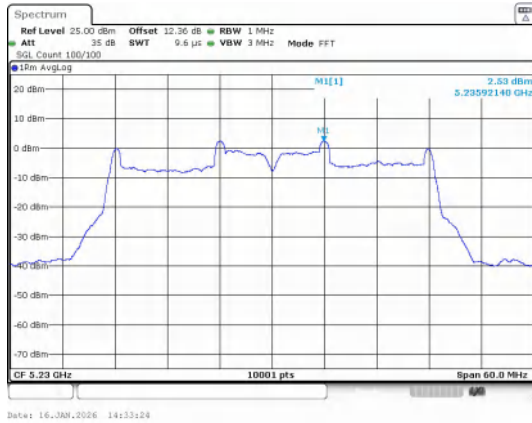
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



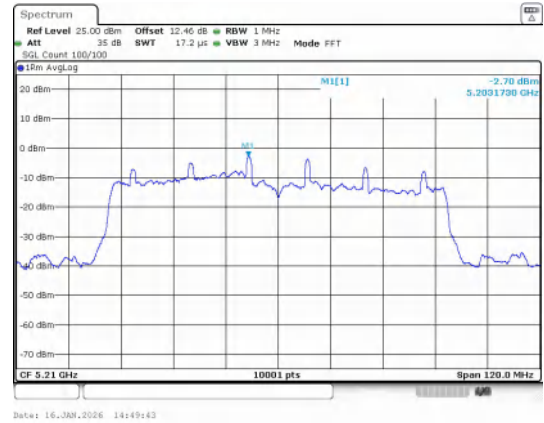
IEEE 802.11ac_Channel 48_20MHz_Antenna 0



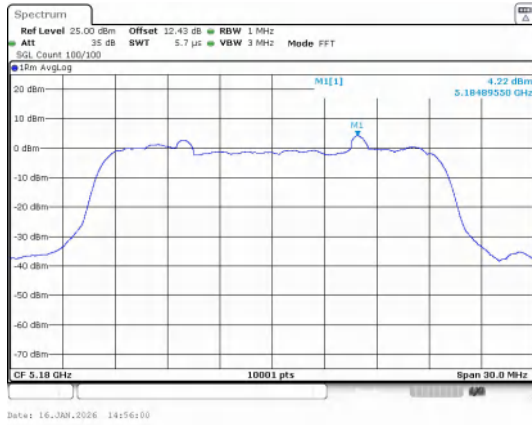
IEEE 802.11ac_Channel 38_40MHz_Antenna 0



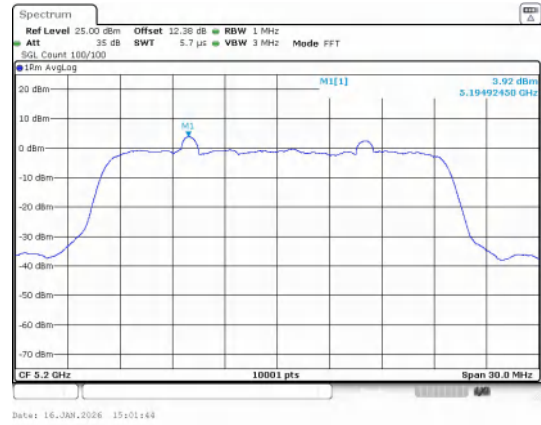
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



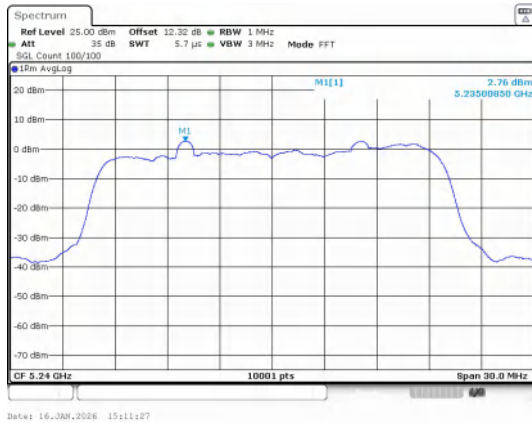
IEEE 802.11ac_Channel 42_80MHz_Antenna 0



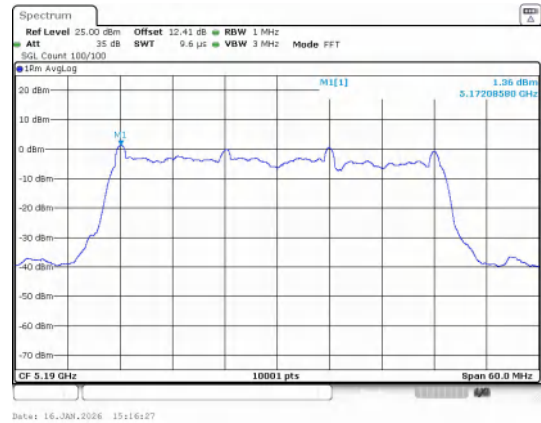
IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



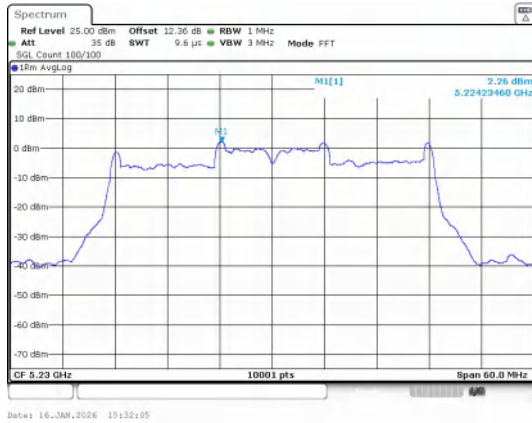
IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



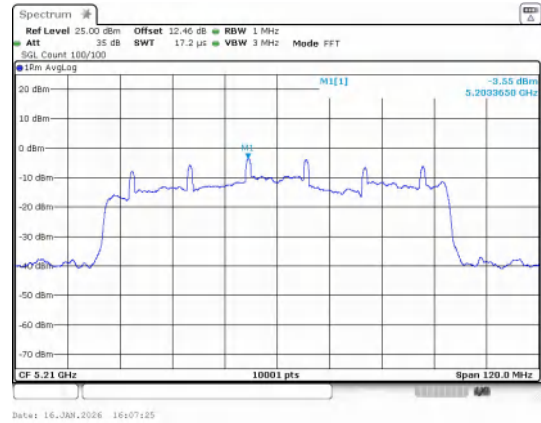
IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



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

6) Frequency Stability

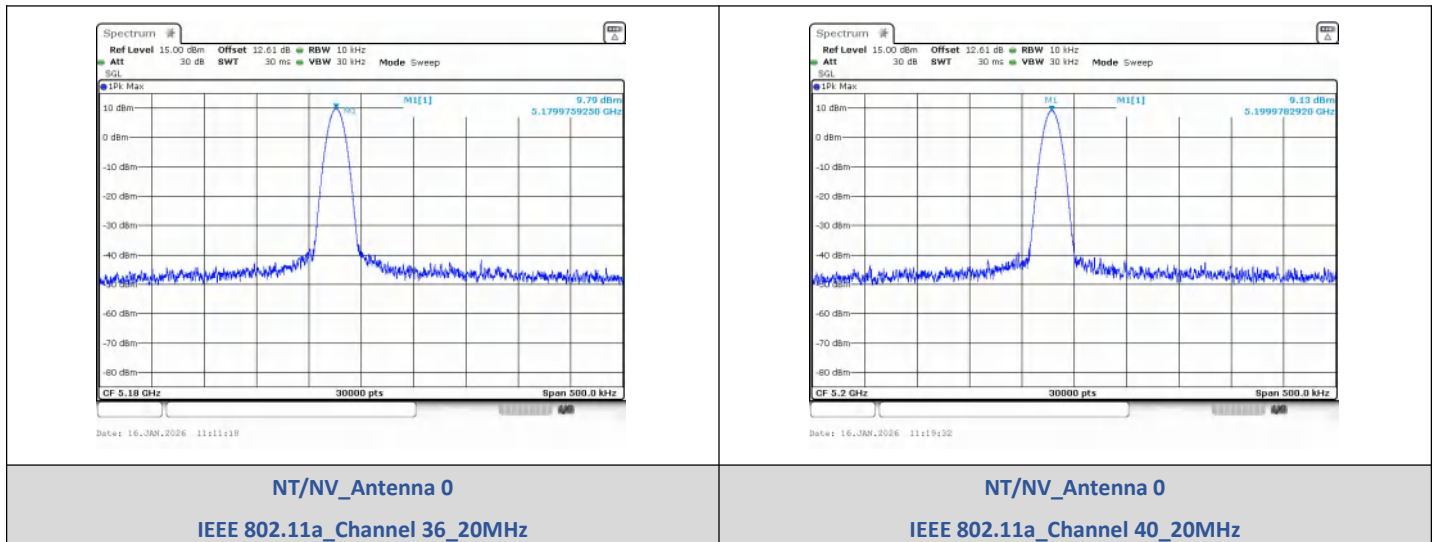
Test Result

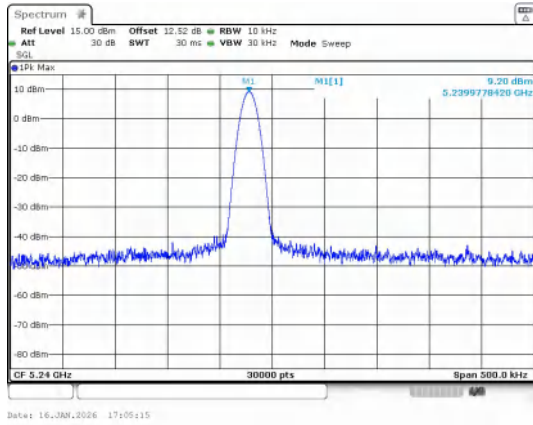
Condition	Mode	Ch.	RU & Index	Antenna	Center Frequency (MHz)	Calculated Value of Center Frequency(MHz)	Result (ppm)	Limit (ppm)	State
NT/NV	IEEE 802.11a	36	N/A	0	5180.0	5179.975925	-4.65	Within authorized band	PASS
		40			5200.0	5199.978292	-4.17		PASS
		48			5240.0	5239.977842	-4.23		PASS
	IEEE 802.11n_20	36			5180.0	5179.981225	-3.62		PASS
		40			5200.0	5199.976125	-4.59		PASS
		48			5240.0	5239.977992	-4.2		PASS
	IEEE 802.11n_40	38			5190.0	5189.976825	-4.47		PASS
		46			5230.0	5229.975975	-4.59		PASS
	IEEE 802.11ac_20	36			5180.0	5179.976092	-4.62		PASS
		40			5200.0	5199.978425	-4.15		PASS
		48			5240.0	5239.978825	-4.04		PASS
	IEEE 802.11ac_40	38			5190.0	5189.981275	-3.61		PASS
		46			5230.0	5229.983792	-3.1		PASS
	IEEE 802.11ac_80	42			5210.0	5209.983342	-3.2		PASS
	IEEE 802.11ax_20	36	SU		5180.0	5179.982725	-3.33		PASS
		40			5200.0	5199.986308	-2.63		PASS
		48			5240.0	5239.978125	-4.17		PASS
	IEEE 802.11ax_40	38			5190.0	5189.980242	-3.81		PASS
		46			5230.0	5229.981725	-3.49		PASS
	IEEE 802.11ax_80	42			5210.0	5209.979725	-3.89		PASS

Test Graphs

NT/NV

IEEE 802.11a

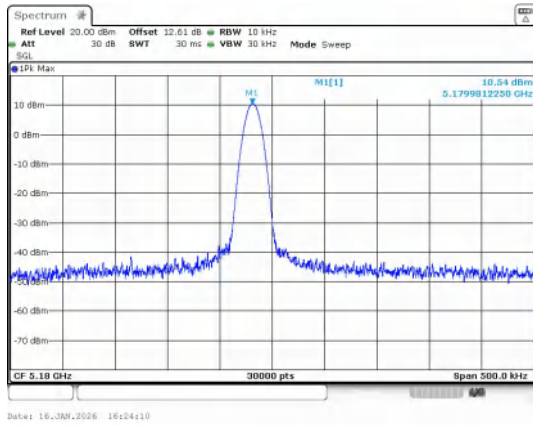




NT/NV_Antenna 0

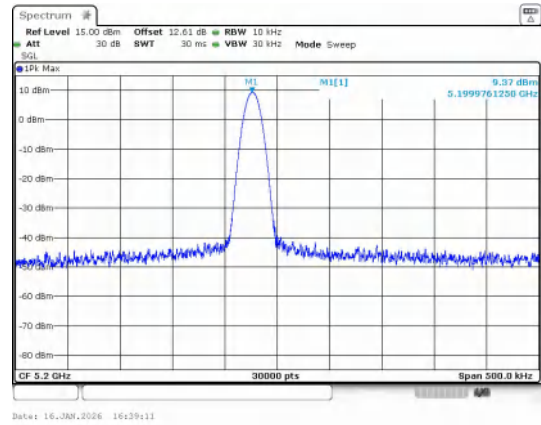
IEEE 802.11a_Channel 48_20MHz

IEEE 802.11n_20



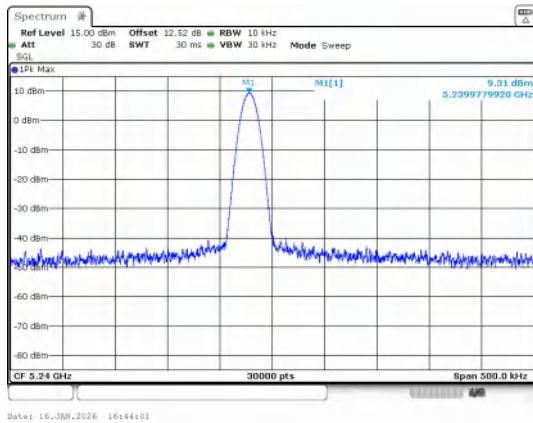
NT/NV_Antenna 0

IEEE 802.11n_Channel 36_20MHz



NT/NV_Antenna 0

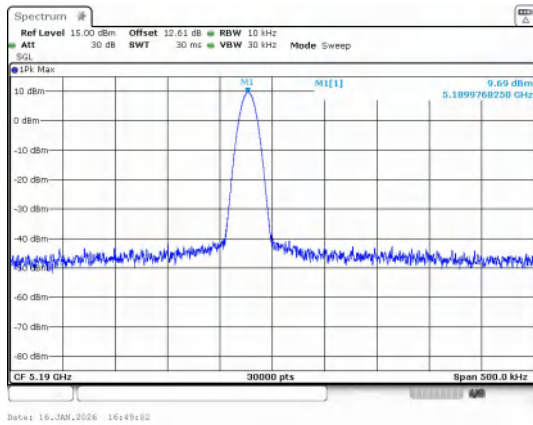
IEEE 802.11n_Channel 40_20MHz



NT/NV_Antenna 0

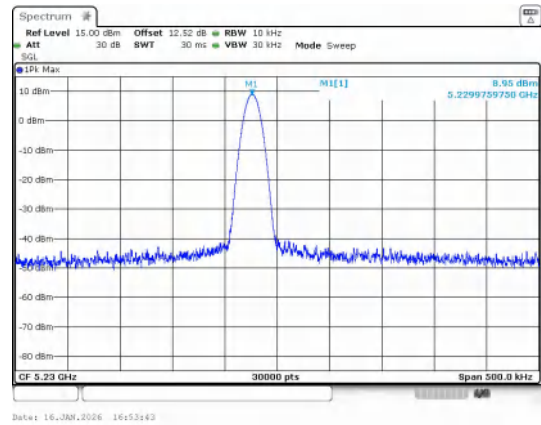
IEEE 802.11n_Channel 48_20MHz

IEEE 802.11n_40



NT/NV_Antenna 0

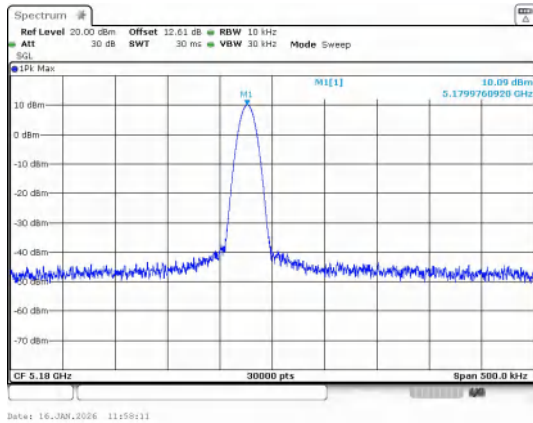
IEEE 802.11n_Channel 38_40MHz



NT/NV_Antenna 0

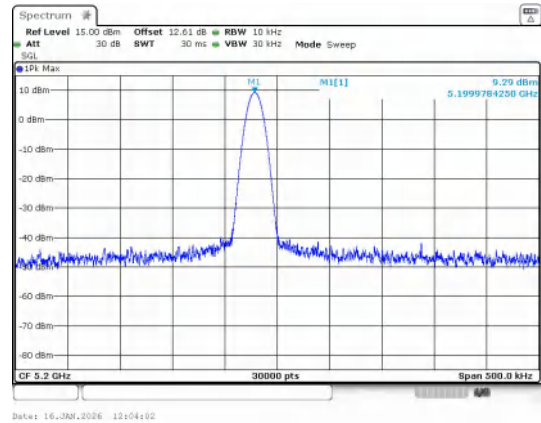
IEEE 802.11n_Channel 46_40MHz

IEEE 802.11ac_20



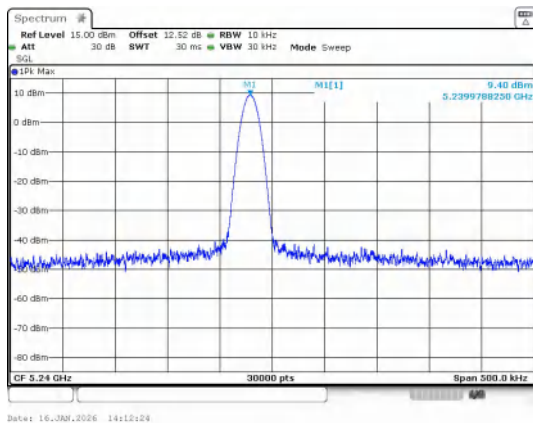
NT/NV_Antenna 0

IEEE 802.11ac_Channel 36_20MHz



NT/NV_Antenna 0

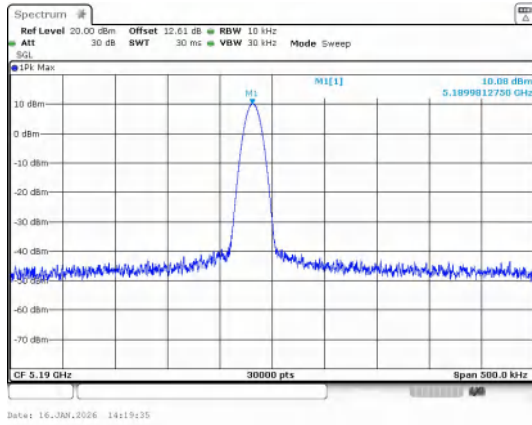
IEEE 802.11ac_Channel 40_20MHz



NT/NV_Antenna 0

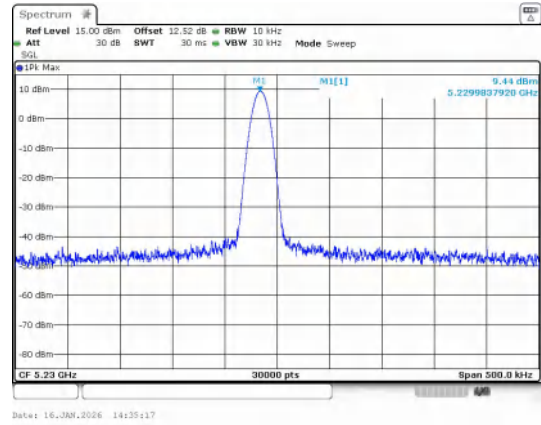
IEEE 802.11ac_Channel 48_20MHz

IEEE 802.11ac_40



NT/NV_Antenna 0

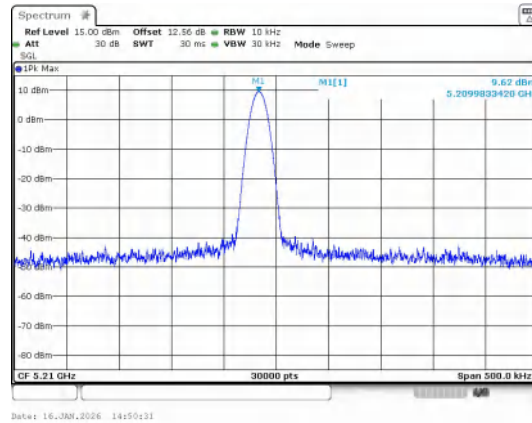
IEEE 802.11ac_Channel 38_40MHz



NT/NV_Antenna 0

IEEE 802.11ac_Channel 46_40MHz

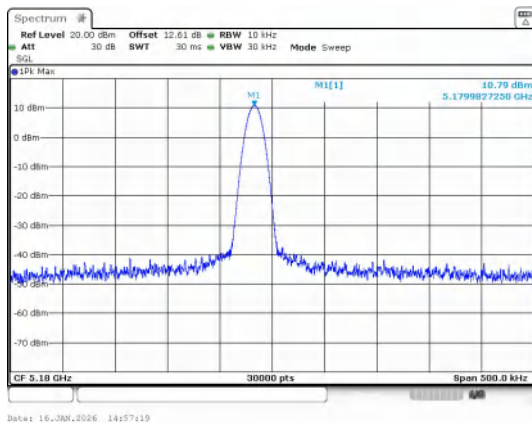
IEEE 802.11ac_80



NT/NV_Antenna 0

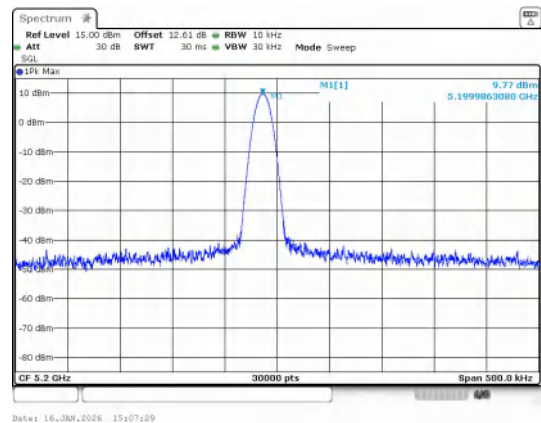
IEEE 802.11ac_Channel 42_80MHz

IEEE 802.11ax_20



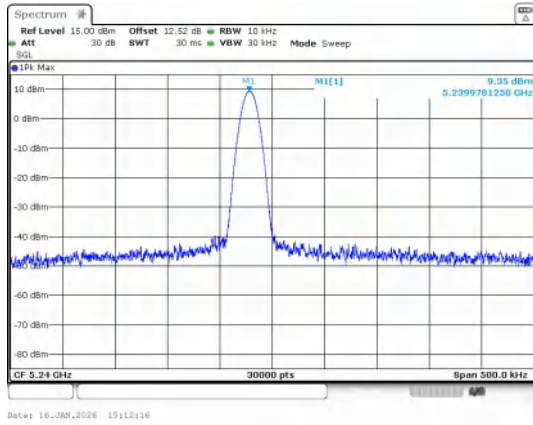
NT/NV_Antenna 0

IEEE 802.11ax_Channel 36_20MHz



NT/NV_Antenna 0

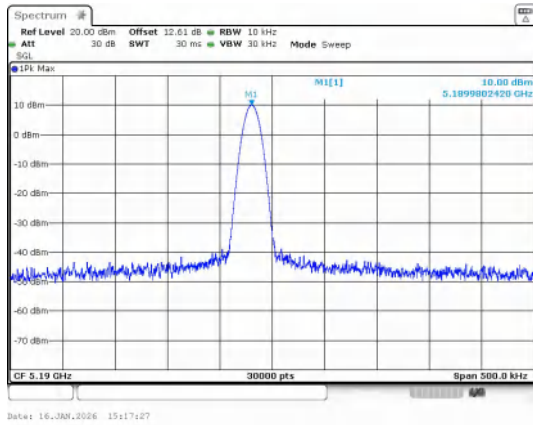
IEEE 802.11ax_Channel 40_20MHz



NT/NV_Antenna 0

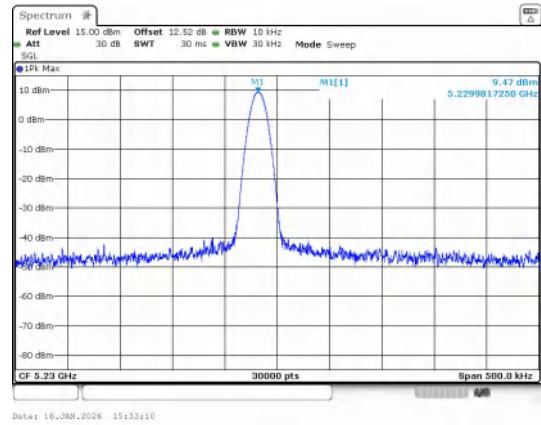
IEEE 802.11ax_Channel 48_20MHz

IEEE 802.11ax_40



NT/NV_Antenna 0

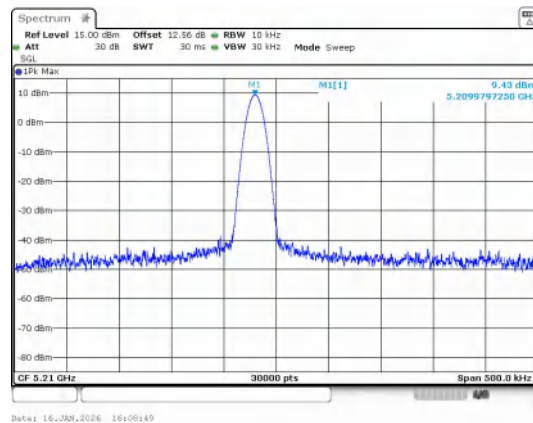
IEEE 802.11ax_Channel 38_40MHz



NT/NV_Antenna 0

IEEE 802.11ax_Channel 46_40MHz

IEEE 802.11ax_80



NT/NV_Antenna 0

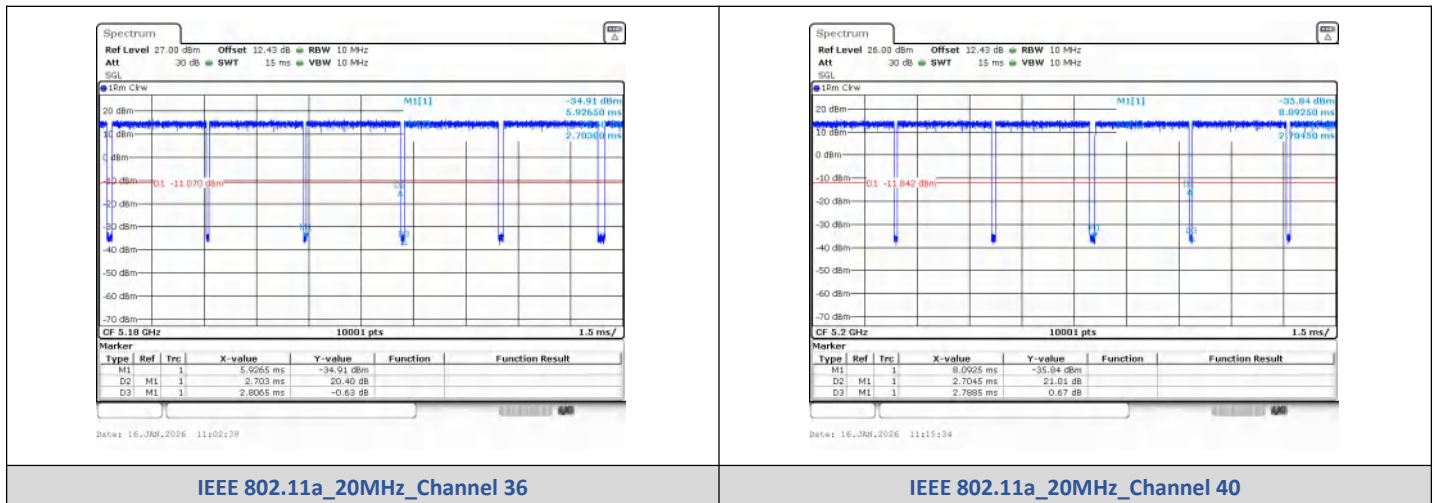
IEEE 802.11ax_Channel 42_80MHz

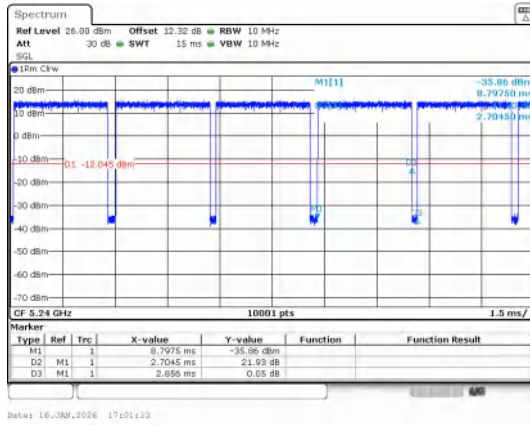
7) Duty Cycle

Test Result

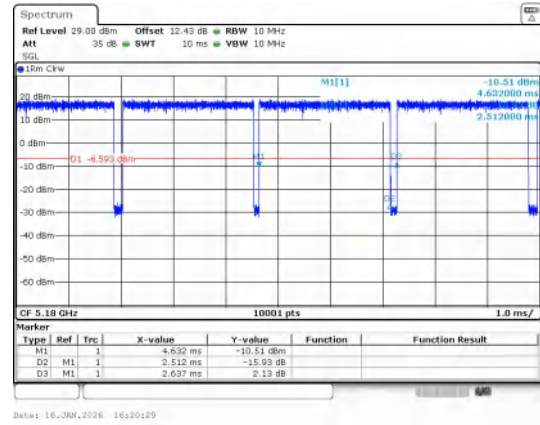
Mode	Data rates	Channel	RU & Index	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	6	36	N/A	1	2.703	2.806	96.31	0.9631	0.1633	0.3700
		40			2.705	2.789	96.99	0.9699	0.1327	0.3697
		48			2.705	2.856	94.70	0.9470	0.2365	0.3697
IEEE 802.11n_20	36	2.512			2.637	95.26	0.9526	0.2109	0.3981	
	40	2.520			2.608	96.63	0.9663	0.1489	0.3968	
	48	2.520			2.676	94.17	0.9417	0.2609	0.3968	
IEEE 802.11n_40	38	1.238			1.422	87.06	0.8706	0.6018	0.8078	
	46	1.238			1.377	89.91	0.8991	0.4619	0.8078	
IEEE 802.11ac_20	36	2.523			2.712	93.03	0.9303	0.3138	0.3964	
	40	2.520			2.636	95.60	0.9560	0.1954	0.3968	
	48	2.521			2.666	94.56	0.9456	0.2429	0.3967	
IEEE 802.11ac_40	38	1.237			1.479	83.64	0.8364	0.7759	0.8084	
	46	1.238			1.431	86.51	0.8651	0.6293	0.8078	
IEEE 802.11ac_80	42	0.595			0.595	99.97	0.9997	0.0013	1.6807	
IEEE 802.11ax_20	MCS 0	36	SU	1	1.921	2.286	84.03	0.8403	0.7557	0.5206
		40			1.921	2.000	96.05	0.9605	0.175	0.5206
		48			0.004	0.003	133.33	1.3333	-1.2493	250.0000
IEEE 802.11ax_40		38			0.973	1.096	88.81	0.8881	0.5154	1.0277
		46			0.984	1.087	90.55	0.9055	0.4311	1.0163
IEEE 802.11ax_80		42			0.493	0.704	69.97	0.6997	1.5509	2.0284

Test Graphs

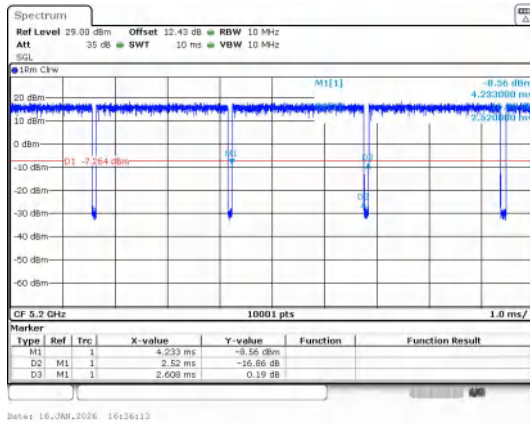




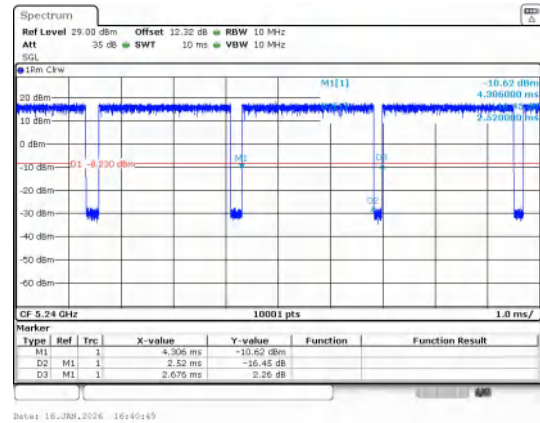
IEEE 802.11a_20MHz_Channel 48



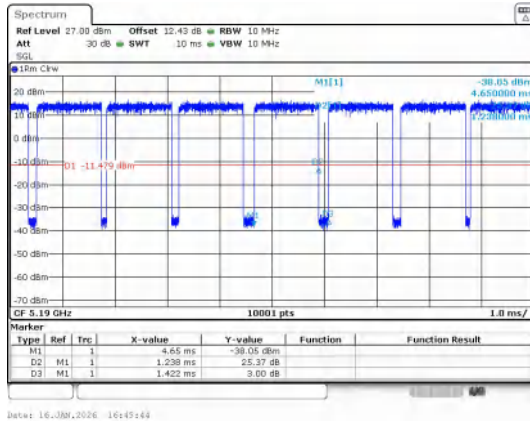
IEEE 802.11n_20MHz_Channel 36



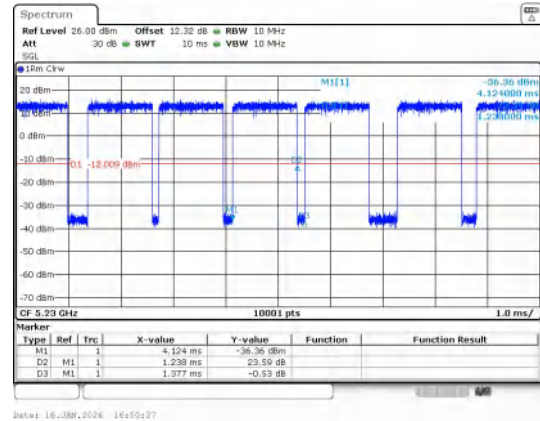
IEEE 802.11n_20MHz_Channel 40



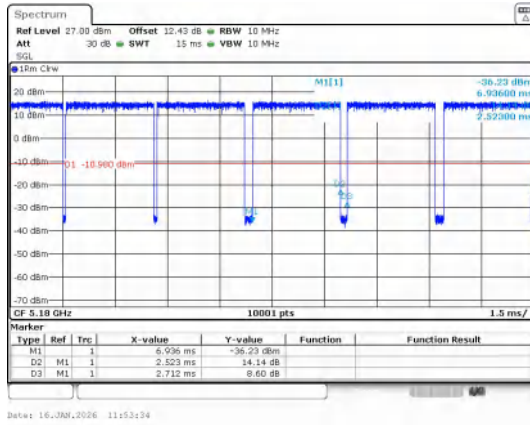
IEEE 802.11n_20MHz_Channel 48



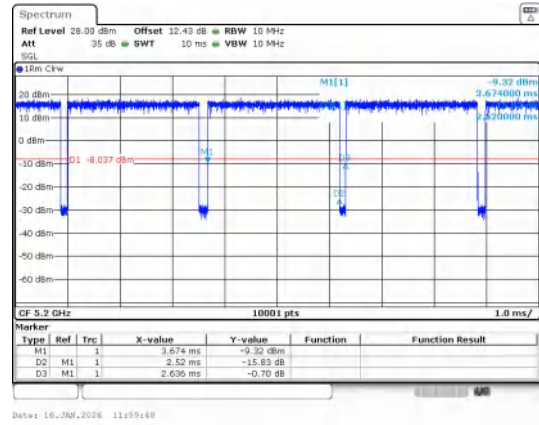
IEEE 802.11n_40MHz_Channel 38



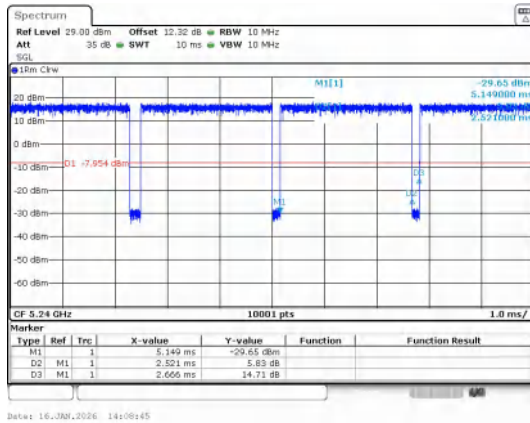
IEEE 802.11n_40MHz_Channel 46



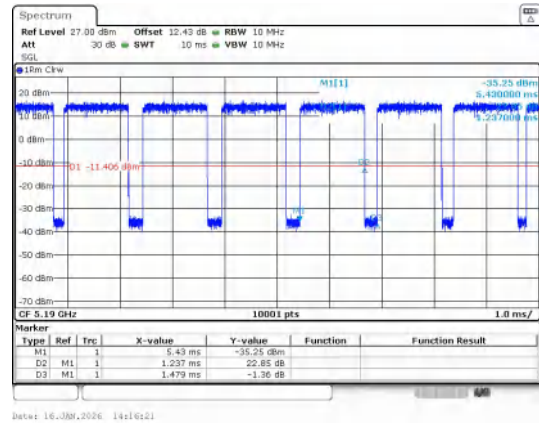
IEEE 802.11ac_20MHz_Channel 36



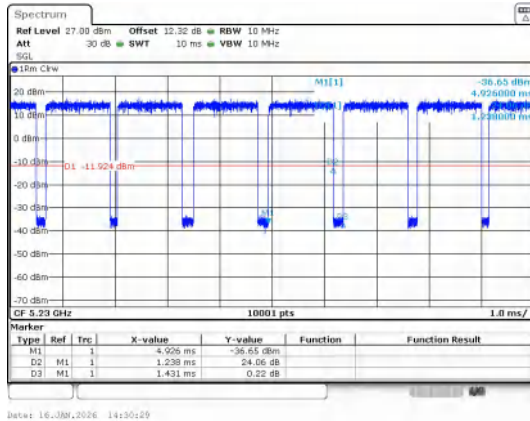
IEEE 802.11ac_20MHz_Channel 40



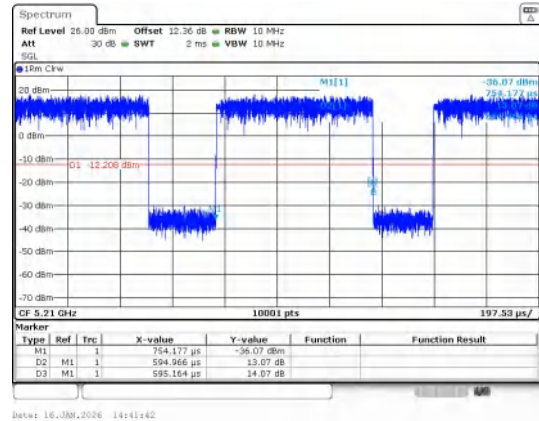
IEEE 802.11ac_20MHz_Channel 48



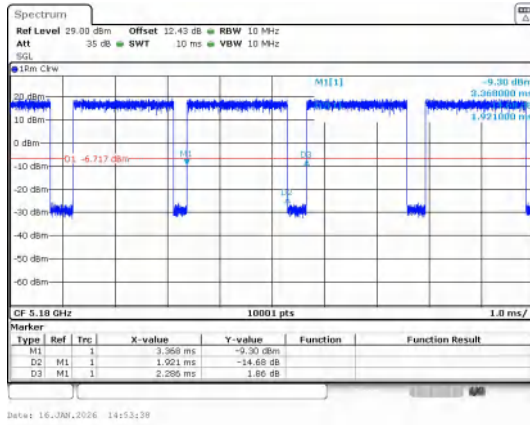
IEEE 802.11ac_40MHz_Channel 38



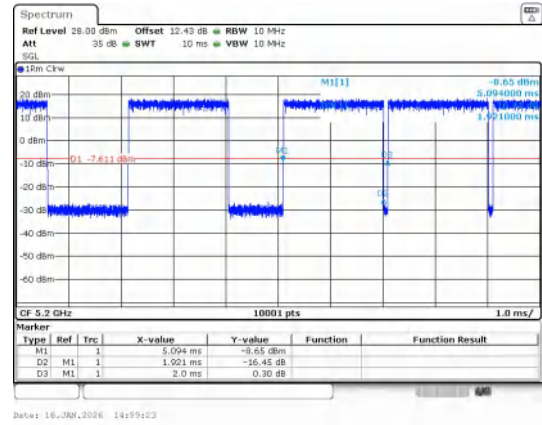
IEEE 802.11ac_40MHz_Channel 46



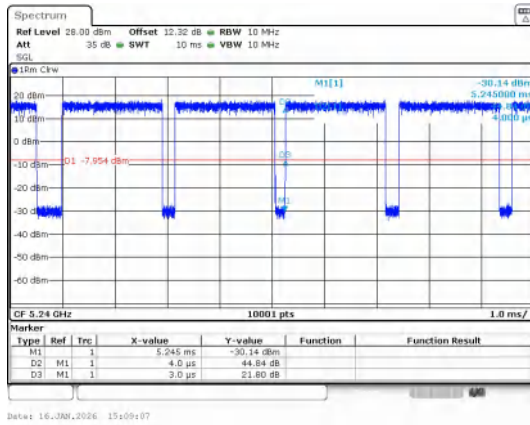
IEEE 802.11ac_80MHz_Channel 42



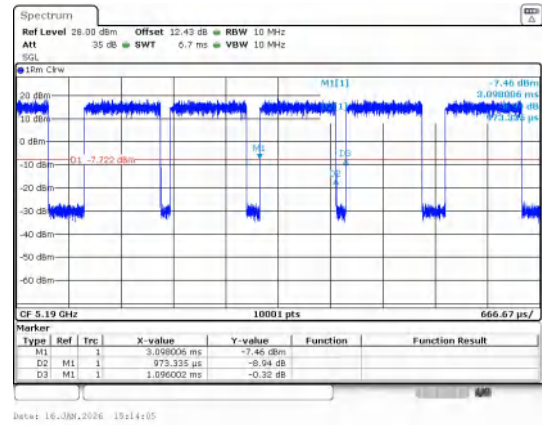
IEEE 802.11ax_20MHz_Channel 36



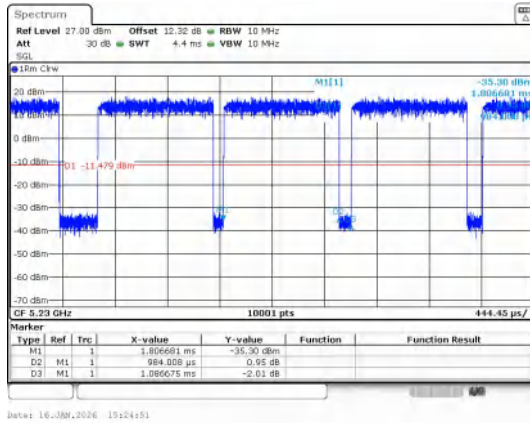
IEEE 802.11ax_20MHz_Channel 40



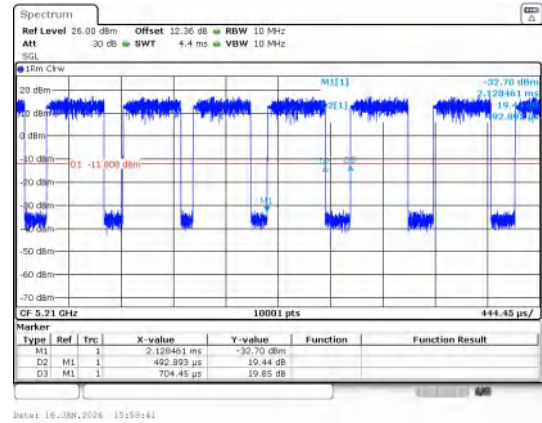
IEEE 802.11ax_20MHz_Channel 48



IEEE 802.11ax_40MHz_Channel 38



IEEE 802.11ax_40MHz_Channel 46



IEEE 802.11ax_80MHz_Channel 42

8) Conducted Spurious & Band Edge Emission

Test Result

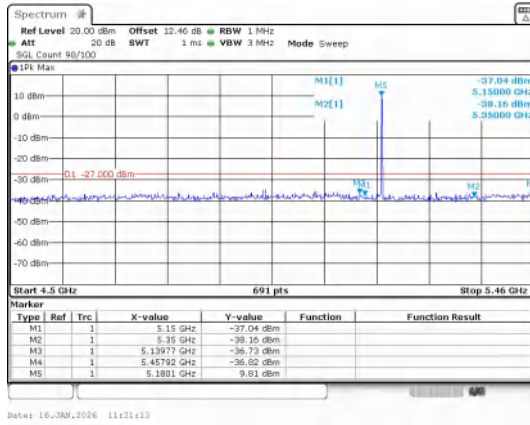
Mode	Channel	RU & Index	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11a	36	N/A	0	2457.14	-37.740	-27	-10.740	PASS
				5139.77	-36.729	-27	-10.000	PASS
				5150.00	-37.040	-27	-10.000	PASS
				5350.00	-38.160	-27	-11.000	PASS
				5457.92	-36.820	-27	-10.000	PASS
				22012.2	-40.360	-27	-13.360	PASS
	40			30.43	-41.180	-27	-14.180	PASS
				5146.71	-37.304	-27	-10.000	PASS
				5150.00	-38.800	-27	-12.000	PASS
				5350.00	-36.820	-27	-10.000	PASS
				5431.52	-36.599	-27	-10.000	PASS
				22108.5	-39.960	-27	-12.960	PASS
	48			30.09	-40.630	-27	-13.630	PASS
				5149.49	-38.398	-27	-11.000	PASS
				5150.00	-38.400	-27	-11.000	PASS
				5350.00	-38.990	-27	-12.000	PASS
				5459.31	-38.548	-27	-12.000	PASS
				16305.2	-40.470	-27	-13.470	PASS
IEEE 802.11n_20	36			5048.37	-40.950	-27	-13.950	PASS
				5142.55	-37.501	-27	-11.000	PASS
				5150.00	-37.710	-27	-11.000	PASS
				5350.00	-36.680	-27	-10.000	PASS
				5441.24	-36.345	-27	-9.000	PASS
				21988.0	-39.470	-27	-12.470	PASS
	40	30.09	-40.620	-27	-13.620	PASS		
		5146.71	-38.896	-27	-12.000	PASS		
		5150.00	-39.150	-27	-12.000	PASS		
		5350.00	-39.160	-27	-12.000	PASS		
		5459.31	-37.965	-27	-11.000	PASS		
		22055.5	-40.310	-27	-13.310	PASS		
	48	4818.99	-41.530	-27	-14.530	PASS		
		5124.49	-35.927	-27	-9.000	PASS		
		5150.00	-37.450	-27	-10.000	PASS		
		5350.00	-37.200	-27	-10.000	PASS		
		5456.53	-36.814	-27	-10.000	PASS		
		22062.0	-39.590	-27	-12.590	PASS		
IEEE	38		5064.75	-41.380	-27	-14.380	PASS	

802.11n_40	46			5130.04	-37.093	-27	-10.000	PASS	
				5150.00	-37.460	-27	-10.000	PASS	
				5350.00	-38.200	-27	-11.000	PASS	
				5459.31	-37.257	-27	-10.000	PASS	
				22037.8	-39.490	-27	-12.490	PASS	
				4993.41	-41.250	-27	-14.250	PASS	
				5148.10	-38.153	-27	-11.000	PASS	
				5150.00	-39.250	-27	-12.000	PASS	
				5350.00	-38.900	-27	-12.000	PASS	
				5459.31	-37.600	-27	-11.000	PASS	
				22026.6	-39.760	-27	-12.760	PASS	
				2423.00	-38.060	-27	-11.060	PASS	
IEEE 802.11ac_20	36			5148.10	-38.791	-27	-12.000	PASS	
				5150.00	-39.280	-27	-12.000	PASS	
				5350.00	-37.900	-27	-11.000	PASS	
				5452.36	-36.866	-27	-10.000	PASS	
				15282.8	-39.620	-27	-12.620	PASS	
				30.09	-39.690	-27	-12.690	PASS	
	40			5148.10	-39.977	-27	-13.000	PASS	
				5150.00	-40.300	-27	-13.000	PASS	
				5350.00	-37.780	-27	-11.000	PASS	
				5456.53	-37.506	-27	-11.000	PASS	
				22043.0	-40.140	-27	-13.140	PASS	
				30.26	-40.130	-27	-13.130	PASS	
				48	5143.94	-37.788	-27	-11.000	PASS
					5150.00	-38.360	-27	-11.000	PASS
					5350.00	-38.880	-27	-12.000	PASS
					5459.31	-37.649	-27	-11.000	PASS
					22031.9	-39.020	-27	-12.020	PASS
					30.09	-39.590	-27	-12.590	PASS
IEEE 802.11ac_40	38			5149.49	-39.129	-27	-12.000	PASS	
				5150.00	-39.130	-27	-12.000	PASS	
				5350.00	-37.150	-27	-10.000	PASS	
				5457.92	-36.544	-27	-10.000	PASS	
				22027.9	-39.970	-27	-12.970	PASS	
				50.39	-40.730	-27	-13.730	PASS	
	46			5149.49	-39.308	-27	-12.000	PASS	
				5150.00	-39.310	-27	-12.000	PASS	
				5350.00	-36.600	-27	-10.000	PASS	
				5452.36	-35.888	-27	-9.000	PASS	
				23354.3	-40.120	-27	-13.120	PASS	
				4799.88	-41.520	-27	-14.520	PASS	
IEEE 802.11ac_80	42			5149.49	-38.598	-27	-12.000	PASS	
				5150.00	-38.600	-27	-12.000	PASS	
				5350.00	-38.960	-27	-12.000	PASS	

				5459.31	-37.795	-27	-11.000	PASS
				6954.42	-39.860	-27	-12.860	PASS
IEEE 802.11ax_20	36	SU		5009.63	-41.650	-27	-14.650	PASS
				5149.49	-39.366	-27	-12.000	PASS
				5150.00	-39.370	-27	-12.000	PASS
				5350.00	-37.800	-27	-11.000	PASS
				5459.31	-36.110	-27	-9.000	PASS
				21968.3	-39.840	-27	-12.840	PASS
	40			4782.13	-40.900	-27	-13.900	PASS
				5131.43	-37.339	-27	-10.000	PASS
				5150.00	-37.450	-27	-10.000	PASS
				5350.00	-37.500	-27	-10.000	PASS
				5457.92	-36.425	-27	-9.000	PASS
				22054.8	-38.950	-27	-11.950	PASS
	48			4824.79	-40.930	-27	-13.930	PASS
				5149.49	-36.890	-27	-10.000	PASS
				5150.00	-36.890	-27	-10.000	PASS
				5350.00	-37.380	-27	-10.000	PASS
				5459.31	-36.298	-27	-9.000	PASS
				21996.5	-38.640	-27	-11.640	PASS
IEEE 802.11ax_40	38			30.09	-38.740	-27	-11.740	PASS
				5148.10	-37.840	-27	-11.000	PASS
				5150.00	-38.040	-27	-11.000	PASS
				5350.00	-39.020	-27	-12.000	PASS
				5459.31	-38.498	-27	-11.000	PASS
				21982.1	-39.630	-27	-12.630	PASS
	46			1778.39	-35.840	-27	-8.840	PASS
				5148.10	-37.839	-27	-11.000	PASS
				5150.00	-38.310	-27	-11.000	PASS
				5350.00	-37.180	-27	-10.000	PASS
				5457.92	-37.093	-27	-10.000	PASS
				22065.3	-40.080	-27	-13.080	PASS
IEEE 802.11ax_80	42			4800.39	-41.220	-27	-14.220	PASS
				5148.10	-38.332	-27	-11.000	PASS
				5150.00	-39.130	-27	-12.000	PASS
				5350.00	-38.330	-27	-11.000	PASS
				5459.31	-38.178	-27	-11.000	PASS
				22006.3	-39.810	-27	-12.810	PASS
Note: input compensation coefficient (dB)= Cable Loss (dB)								

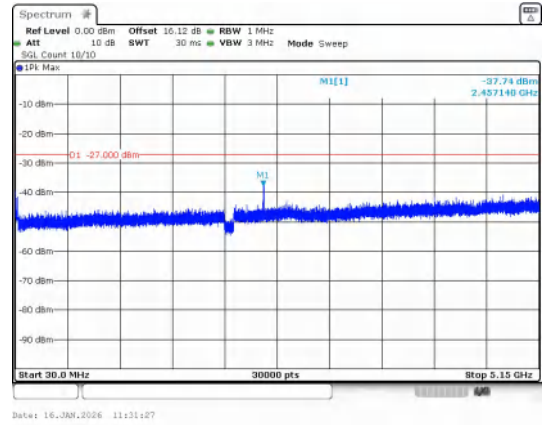
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs



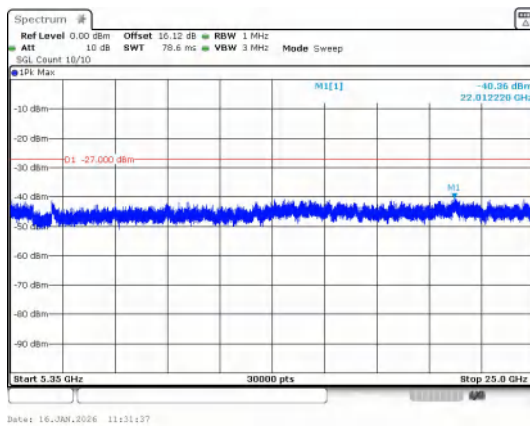
Out Of Band Emission

IEEE 802.11a_Channel 36_20MHz_Antenna 0



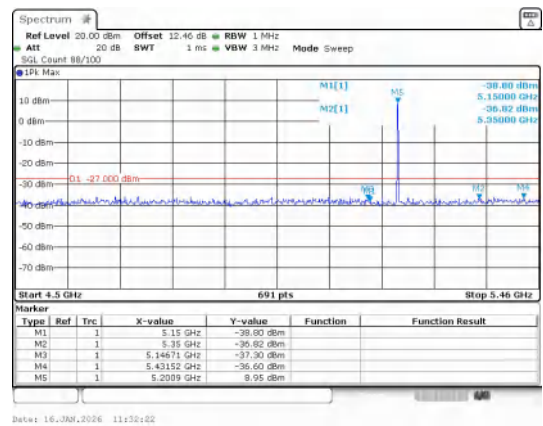
Spurious Emission:30.0~5150 MHz

IEEE 802.11a_Channel 36_20MHz_Antenna 0



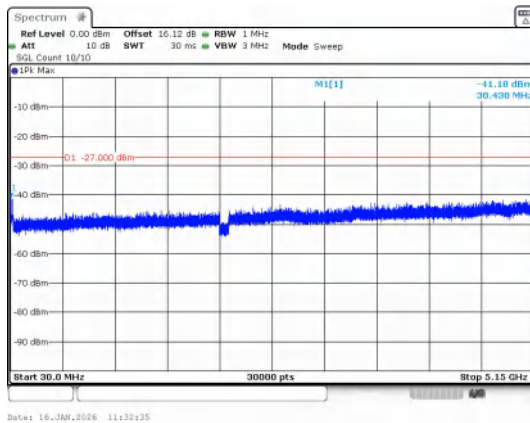
Spurious Emission:5350~25000.0 MHz

IEEE 802.11a_Channel 36_20MHz_Antenna 0



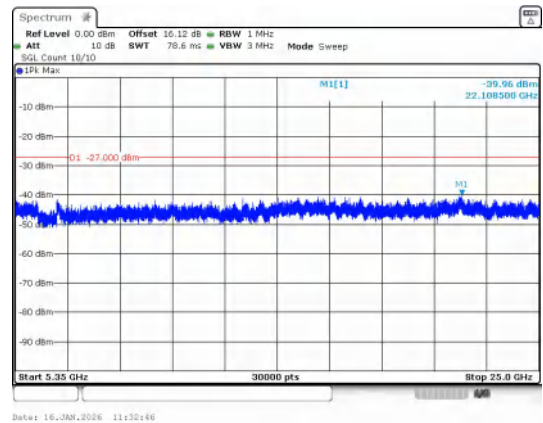
Out Of Band Emission

IEEE 802.11a_Channel 40_20MHz_Antenna 0



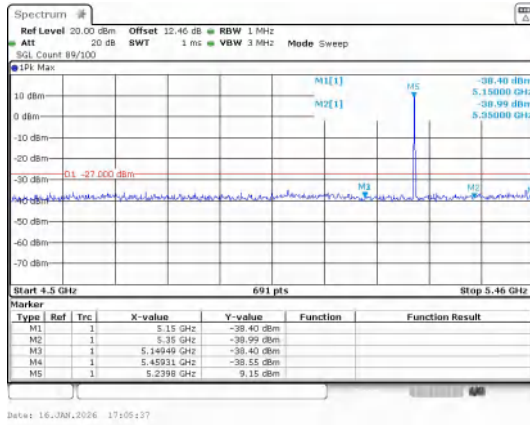
Spurious Emission:30.0~5150 MHz

IEEE 802.11a_Channel 40_20MHz_Antenna 0



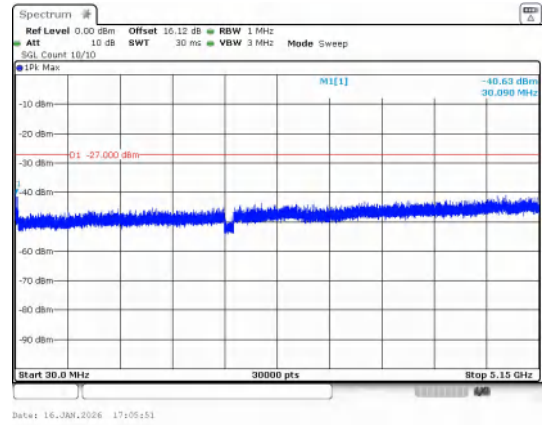
Spurious Emission:5350~25000.0 MHz

IEEE 802.11a_Channel 40_20MHz_Antenna 0



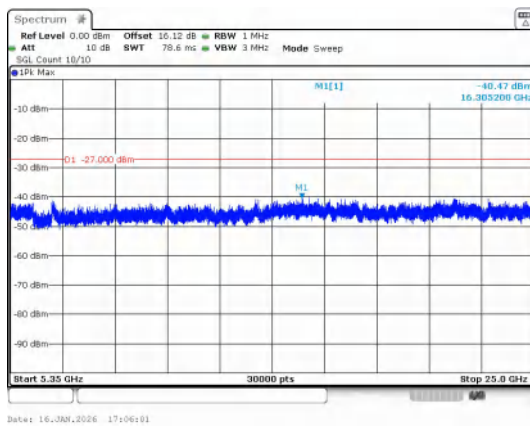
Out Of Band Emission

IEEE 802.11a_Channel 48_20MHz_Antenna 0



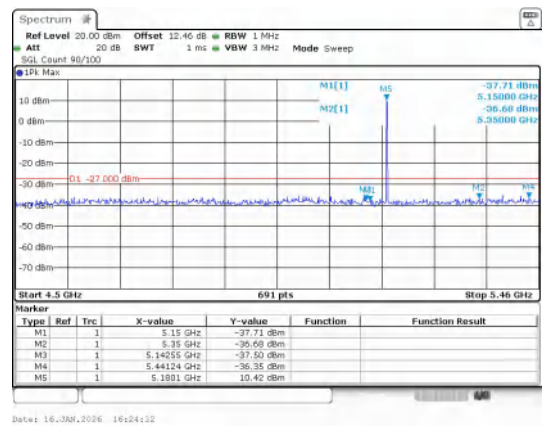
Spurious Emission:30.0~5150 MHz

IEEE 802.11a_Channel 48_20MHz_Antenna 0



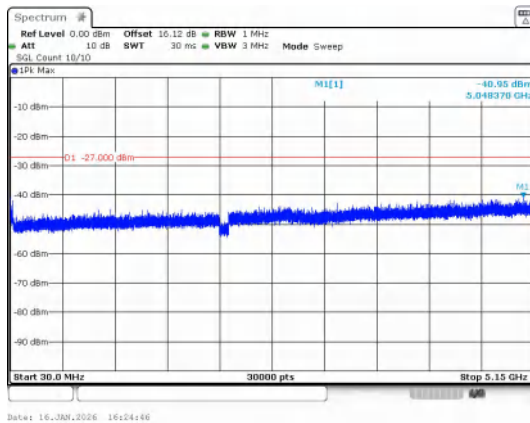
Spurious Emission:5350~25000.0 MHz

IEEE 802.11a_Channel 48_20MHz_Antenna 0



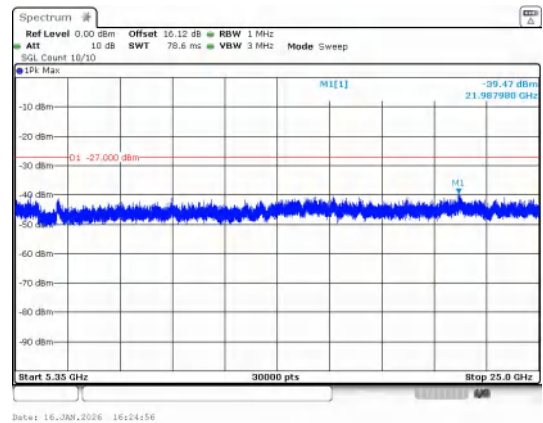
Out Of Band Emission

IEEE 802.11n_Channel 36_20MHz_Antenna 0



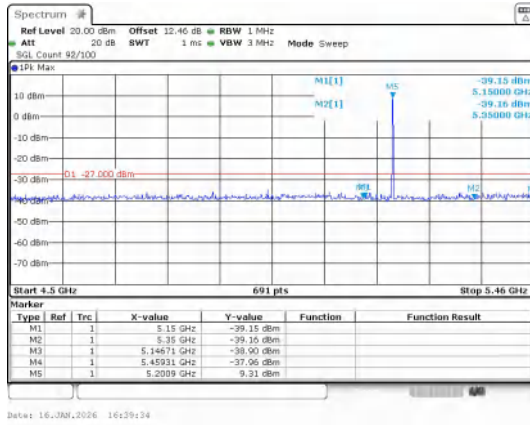
Spurious Emission:30.0~5150 MHz

IEEE 802.11n_Channel 36_20MHz_Antenna 0



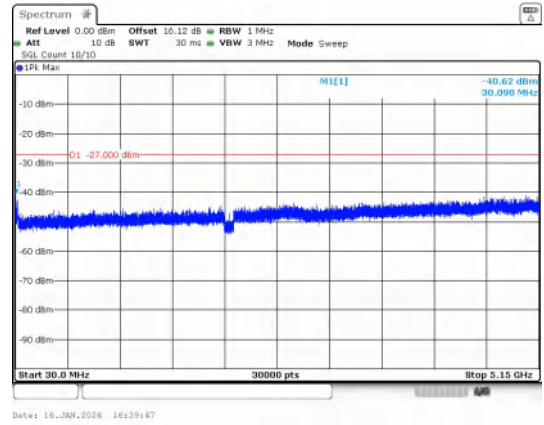
Spurious Emission:5350~25000.0 MHz

IEEE 802.11n_Channel 36_20MHz_Antenna 0



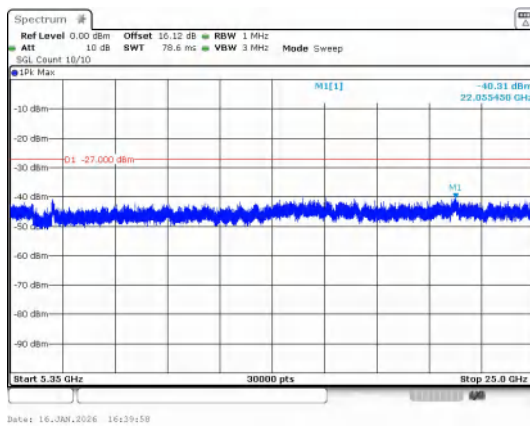
Out Of Band Emission

IEEE 802.11n_Channel 40_20MHz_Antenna 0



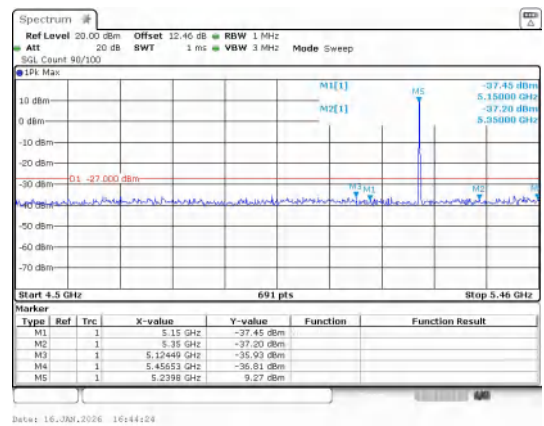
Spurious Emission:30.0~5150 MHz

IEEE 802.11n_Channel 40_20MHz_Antenna 0



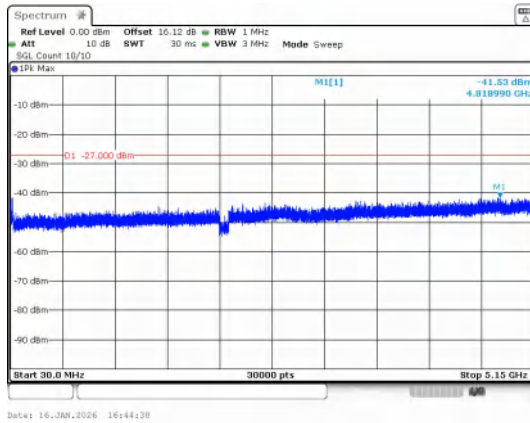
Spurious Emission:5350~25000.0 MHz

IEEE 802.11n_Channel 40_20MHz_Antenna 0



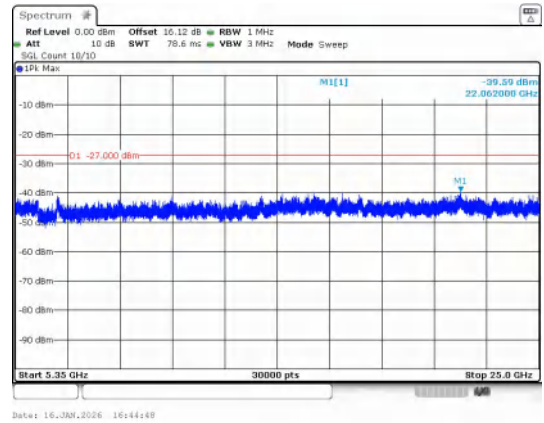
Out Of Band Emission

IEEE 802.11n_Channel 48_20MHz_Antenna 0



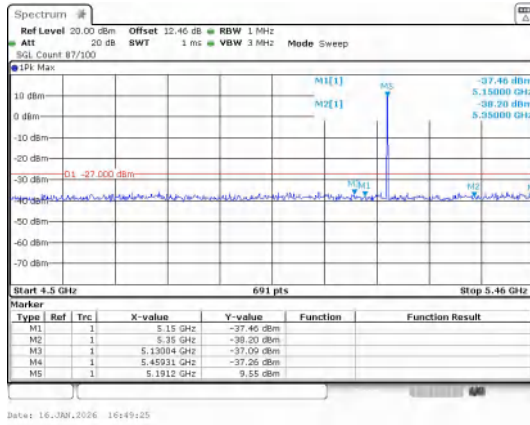
Spurious Emission:30.0~5150 MHz

IEEE 802.11n_Channel 48_20MHz_Antenna 0

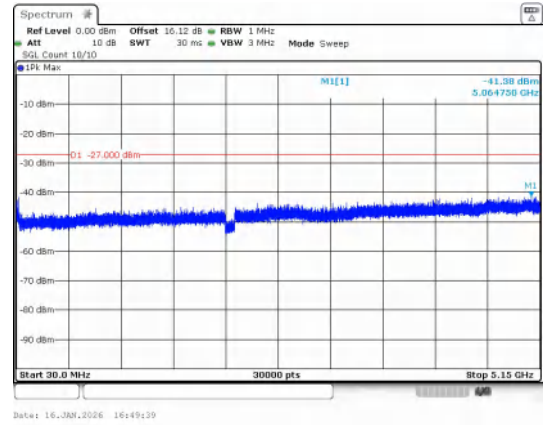


Spurious Emission:5350~25000.0 MHz

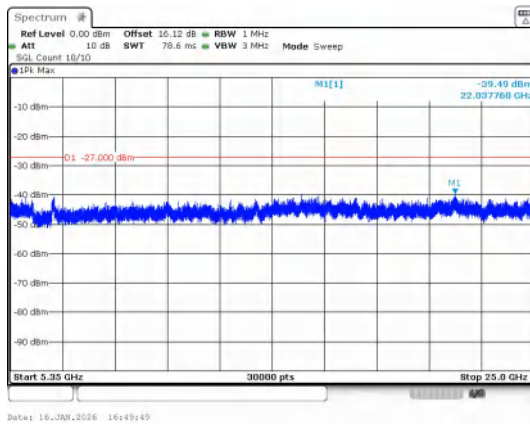
IEEE 802.11n_Channel 48_20MHz_Antenna 0



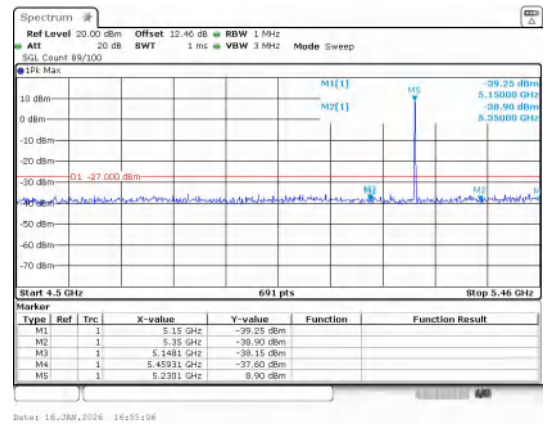
Out Of Band Emission
IEEE 802.11n_Channel 38_40MHz_Antenna 0



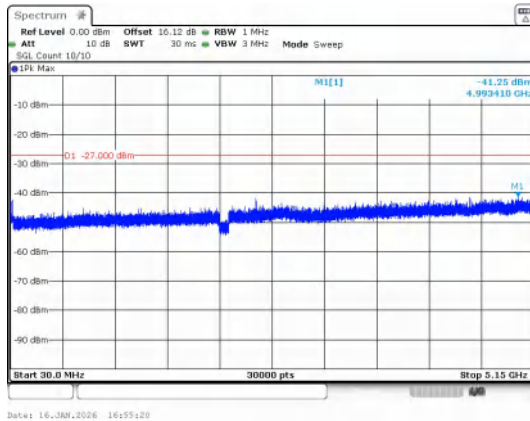
Spurious Emission:30.0~5150 MHz
IEEE 802.11n_Channel 38_40MHz_Antenna 0



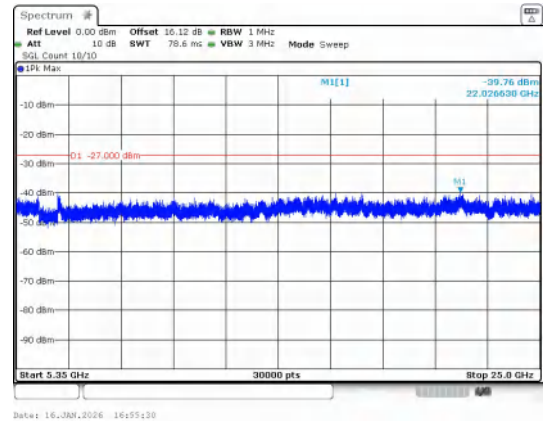
Spurious Emission:5350~25000.0 MHz
IEEE 802.11n_Channel 38_40MHz_Antenna 0



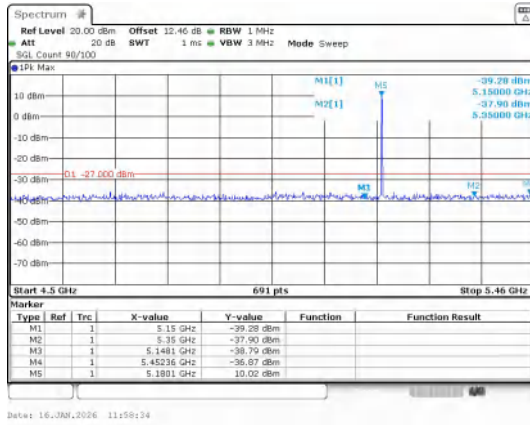
Out Of Band Emission
IEEE 802.11n_Channel 46_40MHz_Antenna 0



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

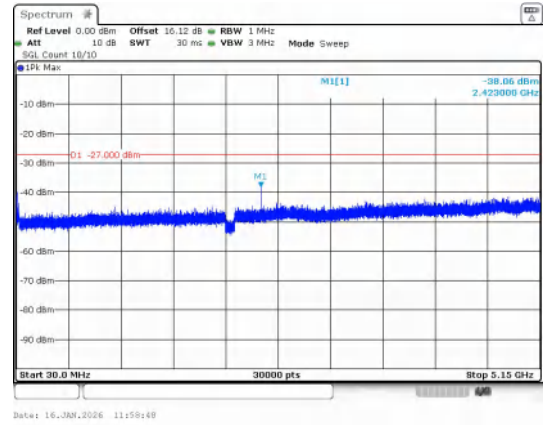


Spurious Emission:5350~25000.0 MHz
IEEE 802.11n_Channel 46_40MHz_Antenna 0



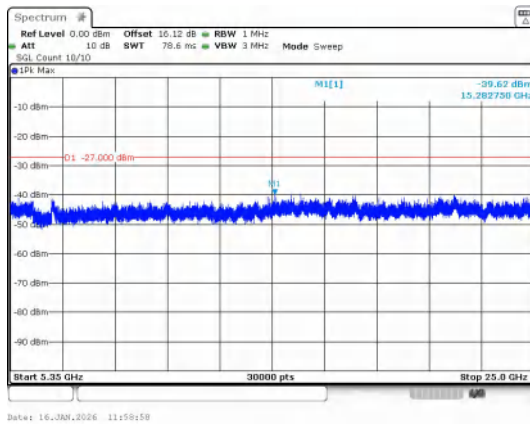
Out Of Band Emission

IEEE 802.11ac_Channel 36_20MHz_Antenna 0



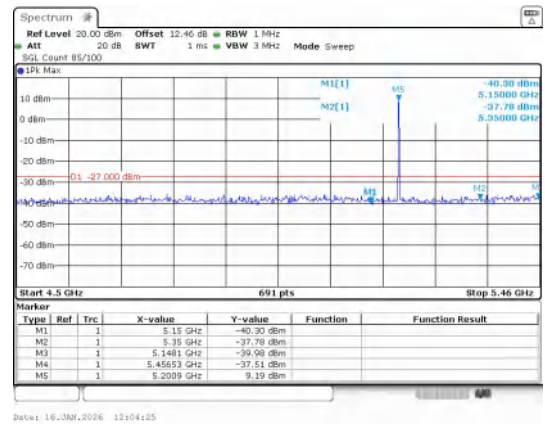
Spurious Emission:30.0~5150 MHz

IEEE 802.11ac_Channel 36_20MHz_Antenna 0



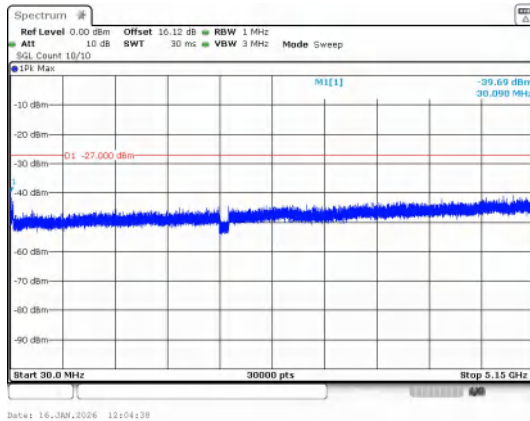
Spurious Emission:5350~25000.0 MHz

IEEE 802.11ac_Channel 36_20MHz_Antenna 0



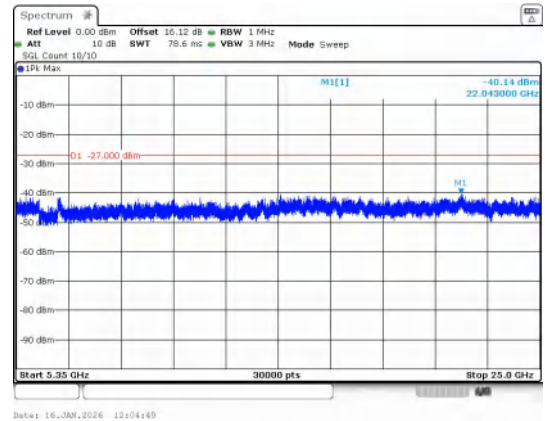
Out Of Band Emission

IEEE 802.11ac_Channel 40_20MHz_Antenna 0



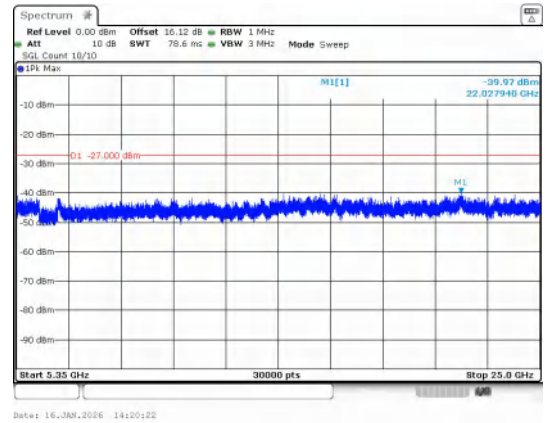
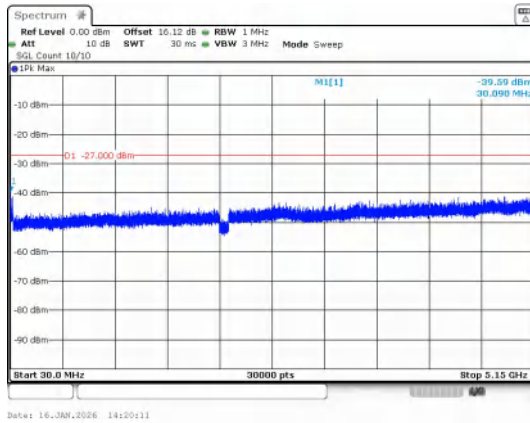
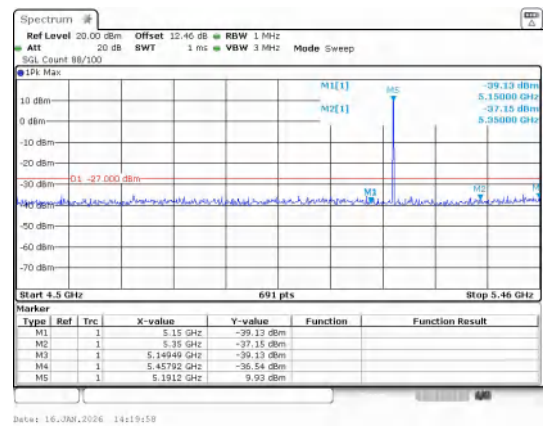
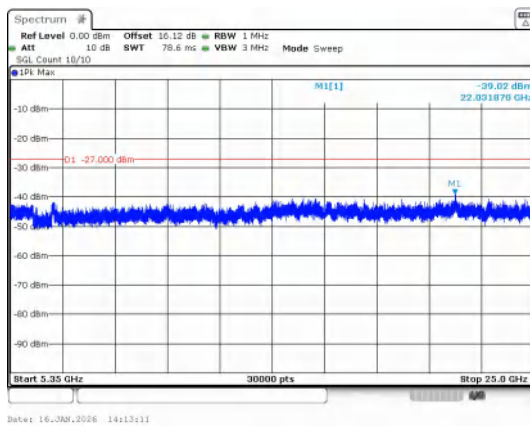
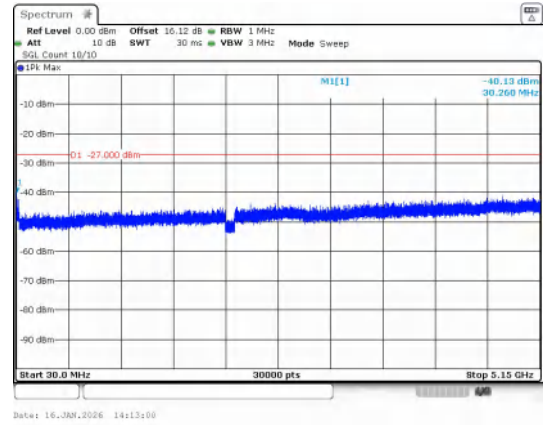
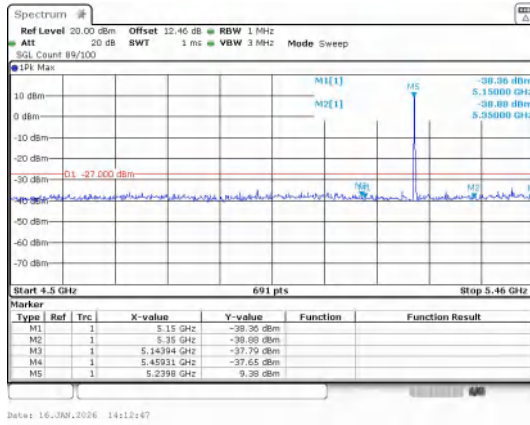
Spurious Emission:30.0~5150 MHz

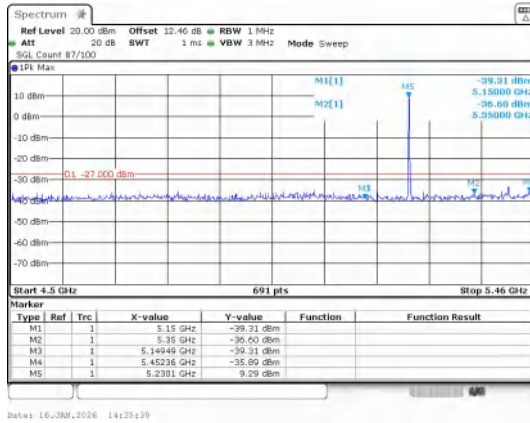
IEEE 802.11ac_Channel 40_20MHz_Antenna 0



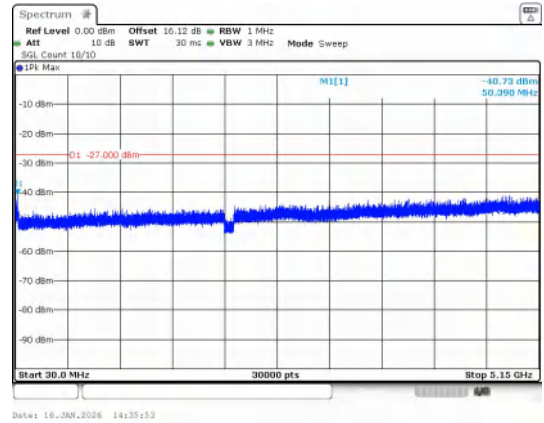
Spurious Emission:5350~25000.0 MHz

IEEE 802.11ac_Channel 40_20MHz_Antenna 0

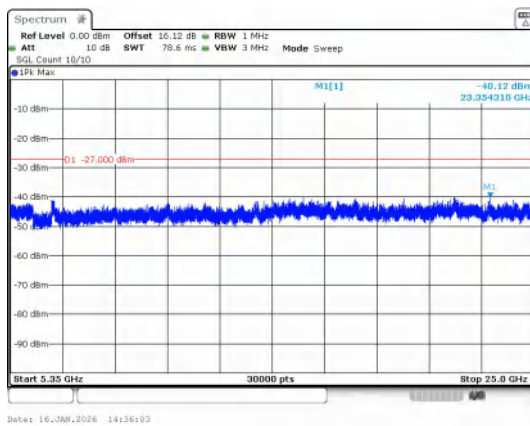




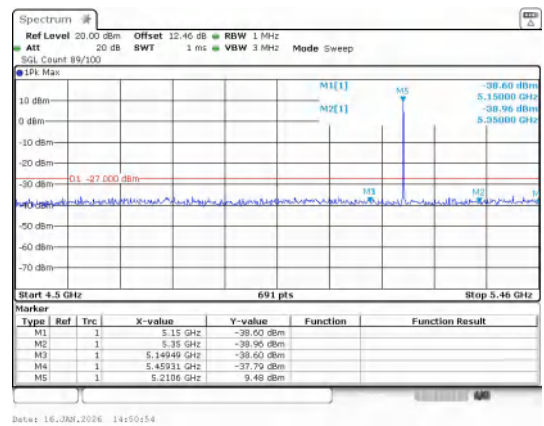
Out Of Band Emission
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



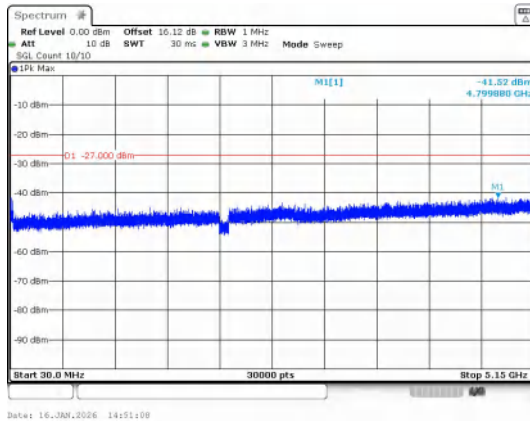
Spurious Emission:30.0~5150 MHz
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



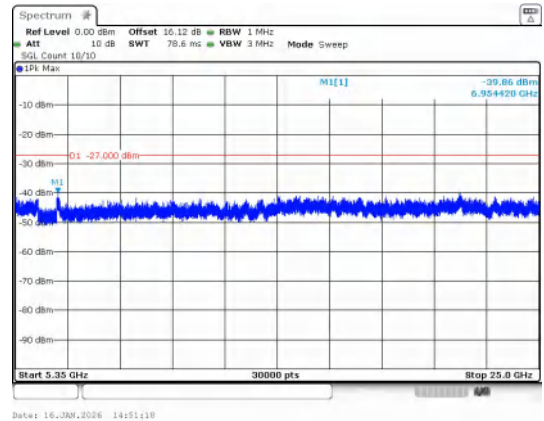
Spurious Emission:5350~25000.0 MHz
IEEE 802.11ac_Channel 46_40MHz_Antenna 0



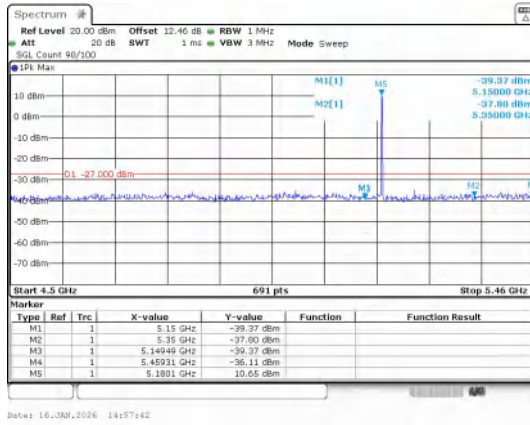
Out Of Band Emission
IEEE 802.11ac_Channel 42_80MHz_Antenna 0



Spurious Emission:30.0~5150 MHz
IEEE 802.11ac_Channel 42_80MHz_Antenna 0

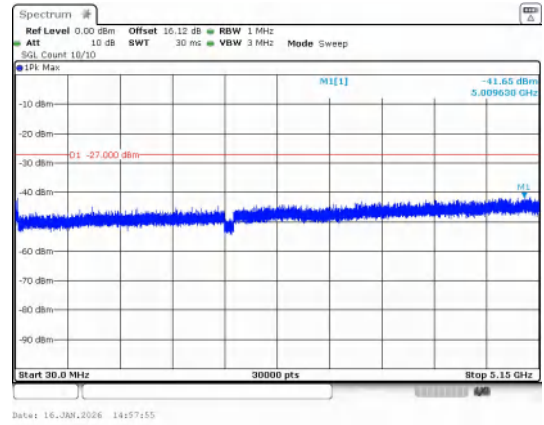


Spurious Emission:5350~25000.0 MHz
IEEE 802.11ac_Channel 42_80MHz_Antenna 0



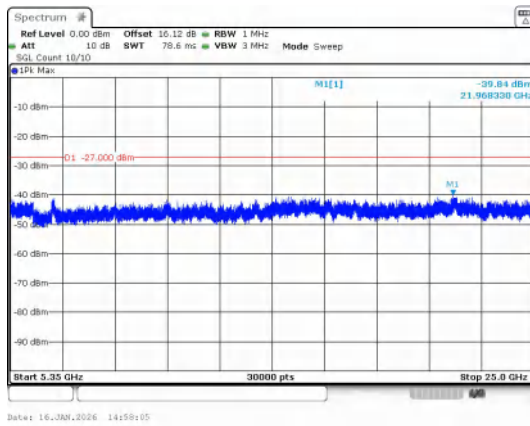
Out Of Band Emission

IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



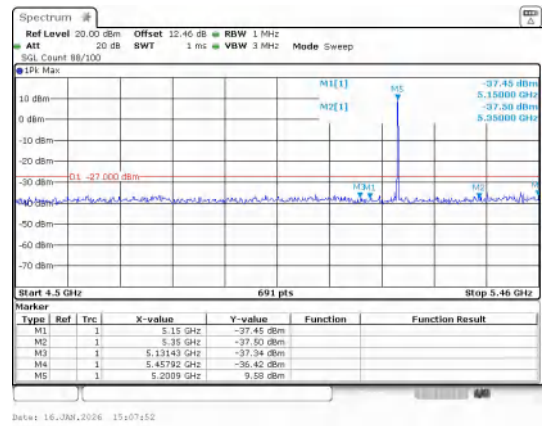
Spurious Emission:30.0~5150 MHz

IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



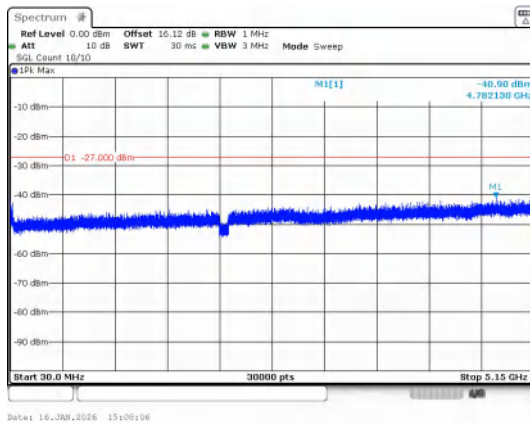
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IEEE 802.11ax_Channel 36_20MHz_Antenna 0_RU&Index SU



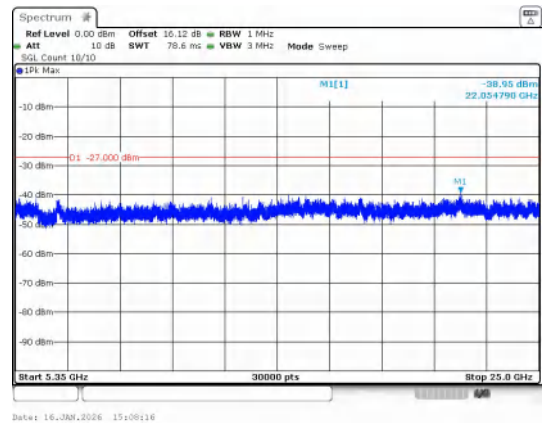
Out Of Band Emission

IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



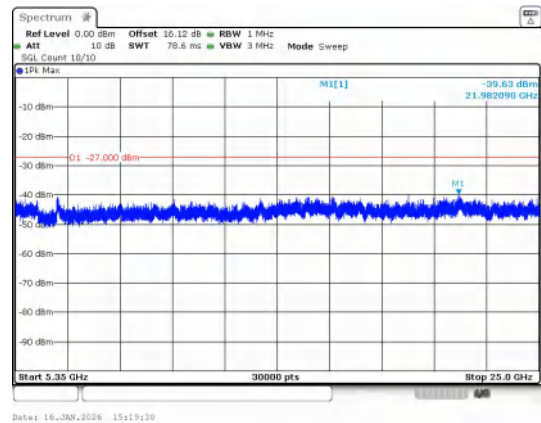
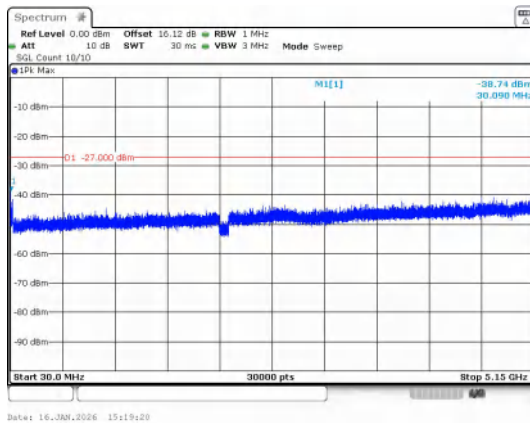
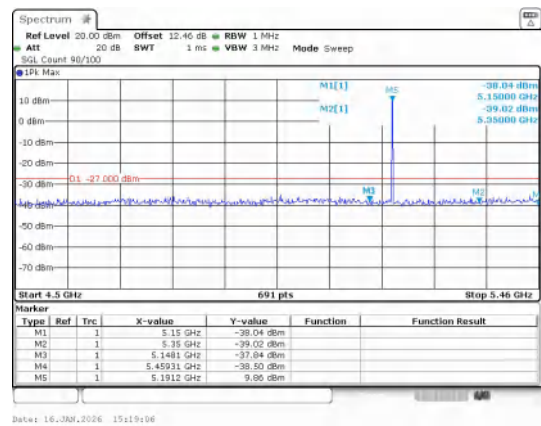
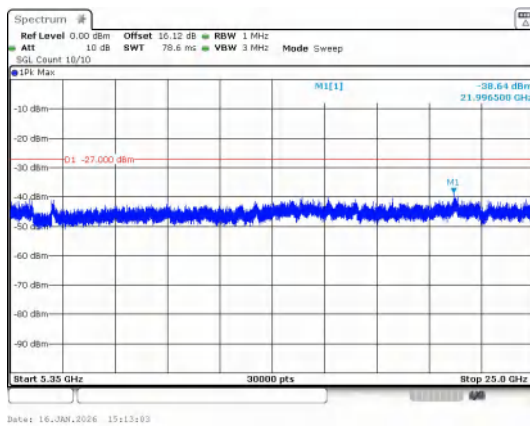
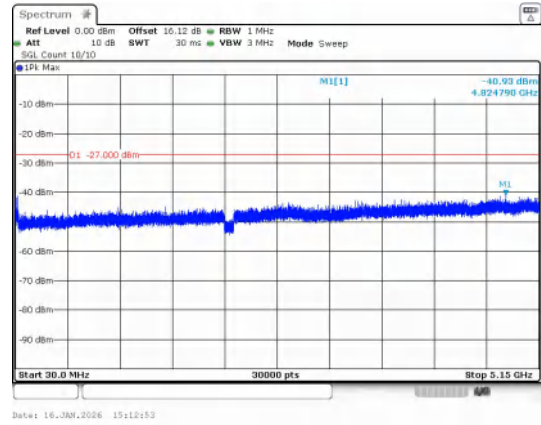
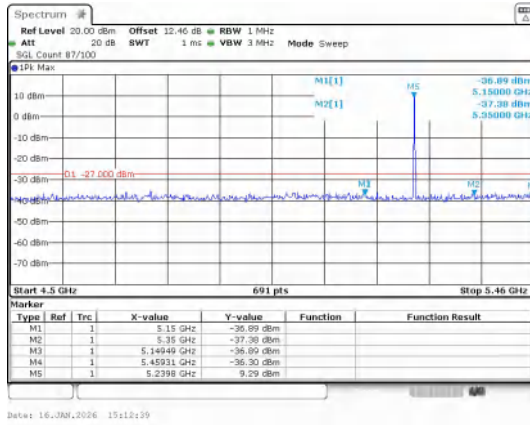
Spurious Emission:30.0~5150 MHz

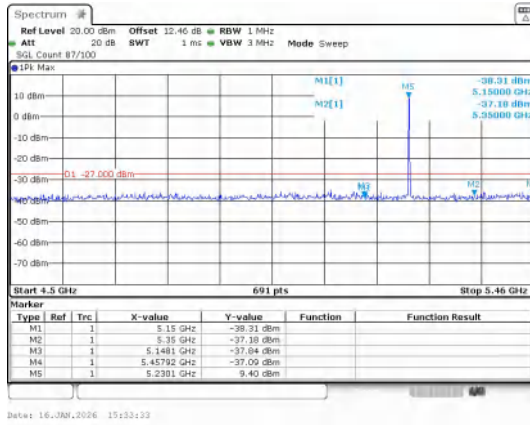
IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU



Spurious Emission:5350~25000.0 MHz

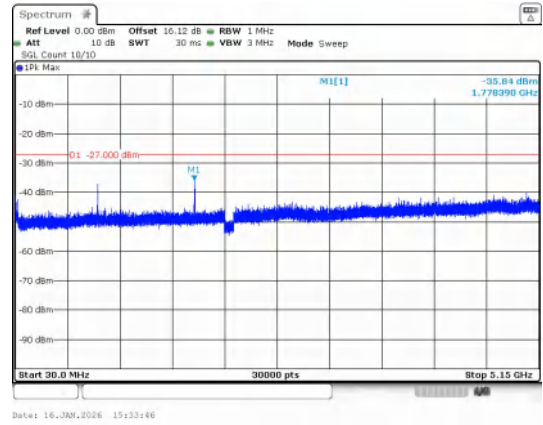
IEEE 802.11ax_Channel 40_20MHz_Antenna 0_RU&Index SU





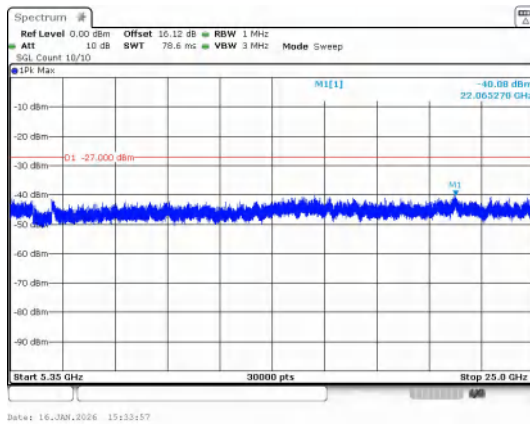
Out Of Band Emission

IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU



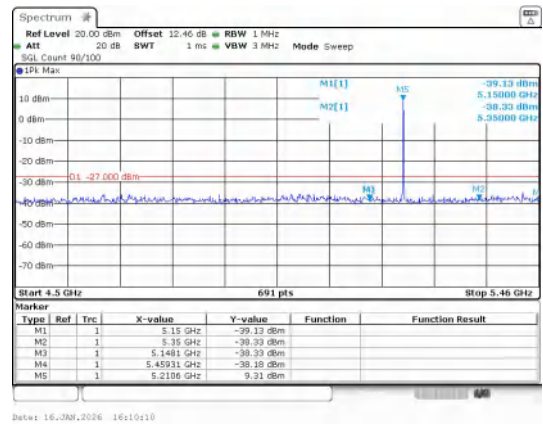
Spurious Emission:30.0~5150 MHz

IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU



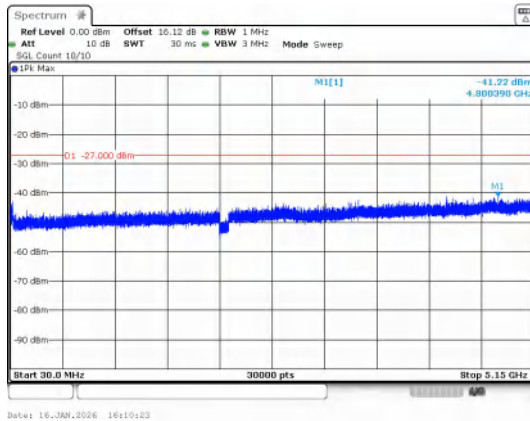
Spurious Emission:5350~25000.0 MHz

IEEE 802.11ax_Channel 46_40MHz_Antenna 0_RU&Index SU



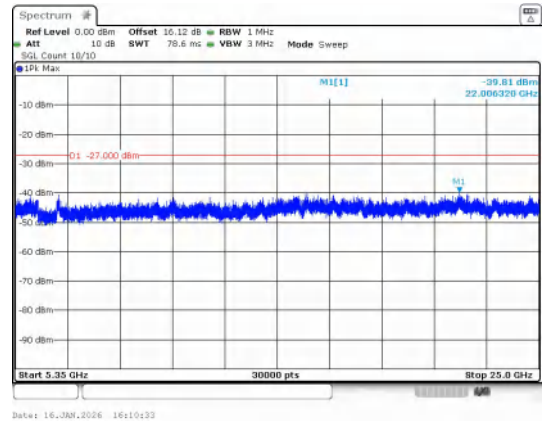
Out Of Band Emission

IEEE 802.11ax_Channel 42_80MHz_Antenna 0_RU&Index SU



Spurious Emission:30.0~5150 MHz

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