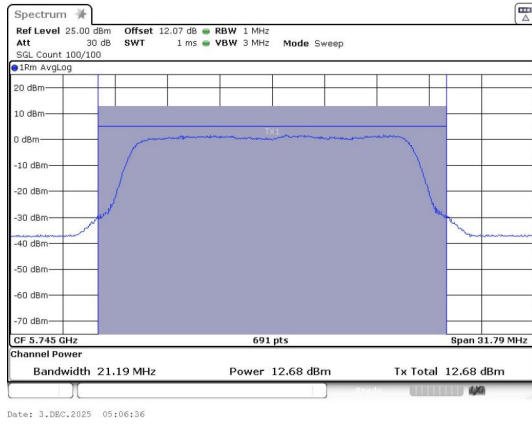


Appendix Report

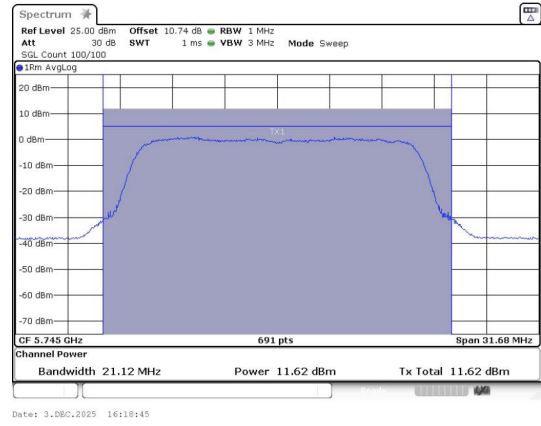
1) Conducted Output Power

Conducted output power

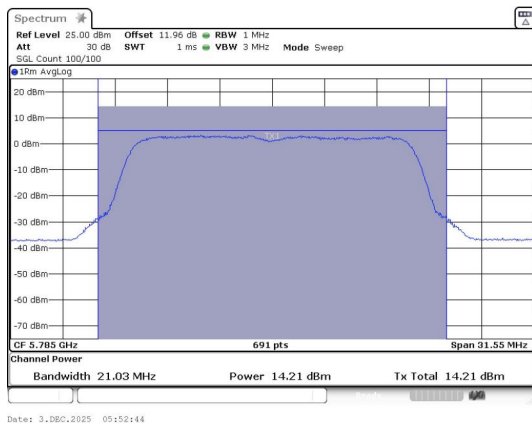
Mode	Channel	RU & Index	Ant. 0 (dBm)	Ant. 1 (dBm)	Corr'd Value Ant. 0 (dBm)	Corr'd Value Ant. 1 (dBm)	Total (dBm)	Limit (dBm)	Result
IEEE 802.11a	149	N/A	12.68	11.62	12.8	11.74	-	≤30	PASS
	157		14.21	13.39	14.33	13.51	-	≤30	PASS
	165		14.82	14.37	14.94	14.49	-	≤30	PASS
IEEE 802.11n_20	149		12.11	12.06	12.24	12.2	15.23	≤30	PASS
	157		14.04	13.02	14.18	13.15	16.71	≤30	PASS
	165		14.53	14.25	14.67	14.38	17.54	≤30	PASS
IEEE 802.11n_40	151		11.76	11.94	12.03	12.2	15.13	≤30	PASS
	159		12.85	12.92	13.12	13.18	16.16	≤30	PASS
IEEE 802.11ac_20	149		13.32	13.02	13.45	13.15	16.31	≤30	PASS
	157		14.56	13.35	14.68	13.48	17.13	≤30	PASS
	165		14.82	15.12	14.95	15.24	18.11	≤30	PASS
IEEE 802.11ac_40	151		12.29	11.88	12.55	12.14	15.36	≤30	PASS
	159		13.26	11.04	13.52	11.3	15.56	≤30	PASS
IEEE 802.11ax_20	149	SU	12.41	11.38	12.58	11.55	15.11	≤30	PASS
	165		14.65	13.52	14.82	13.69	17.30	≤30	PASS
IEEE 802.11ax_40	151		11.86	12.23	12.19	12.56	15.39	≤30	PASS
	159		12.64	11.26	12.97	11.59	15.34	≤30	PASS
Note: Corrected Value = Antenna Power + Duty Cycle Factor.									



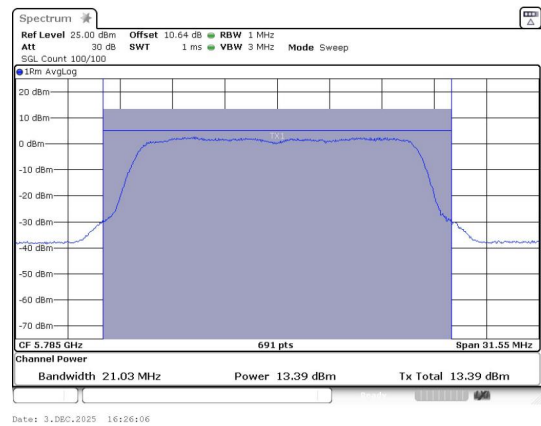
Conducted AVG output power
IEEE 802.11a_Channel 149_Antenna 0



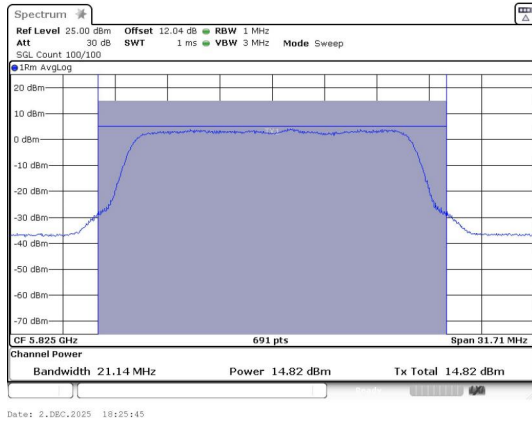
Conducted AVG output power
IEEE 802.11a_Channel 149_Antenna 1



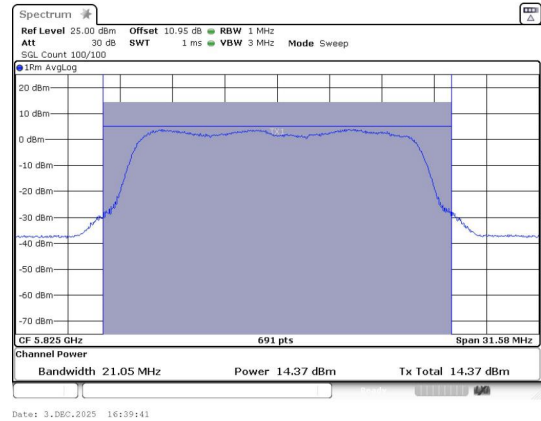
Conducted AVG output power
IEEE 802.11a_Channel 157_Antenna 0



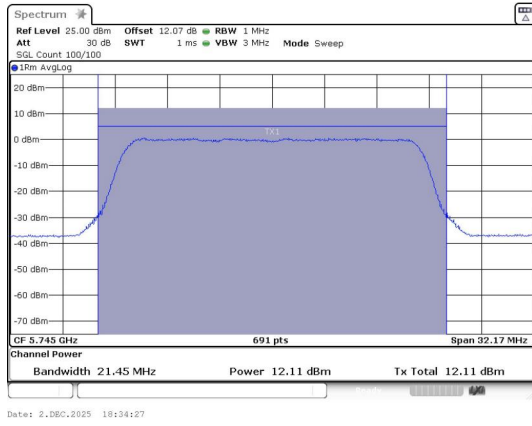
Conducted AVG output power
IEEE 802.11a_Channel 157_Antenna 1



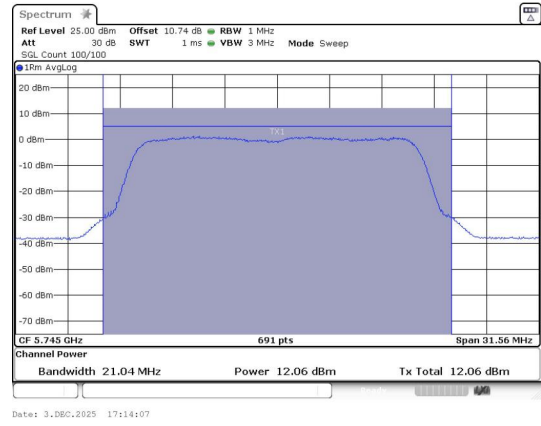
Conducted AVG output power
IEEE 802.11a_Channel 165_Antenna 0



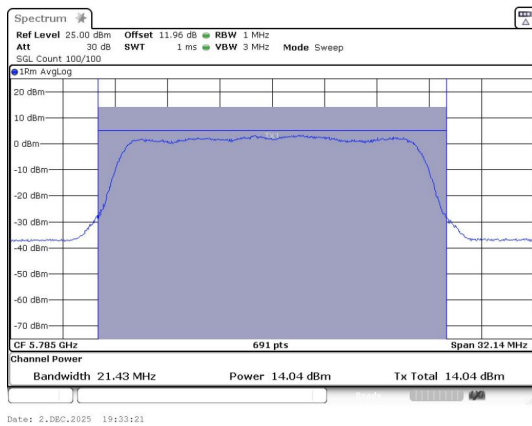
Conducted AVG output power
IEEE 802.11a_Channel 165_Antenna 1



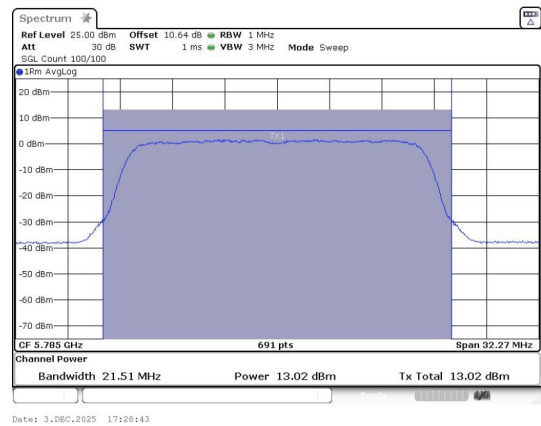
Conducted AVG output power
IEEE 802.11n_20_Channel 149_Antenna 0



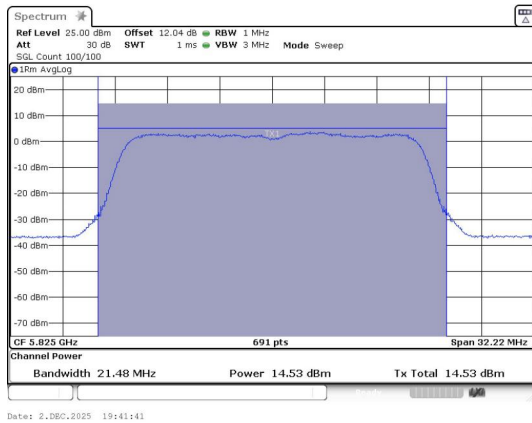
Conducted AVG output power
IEEE 802.11n_20_Channel 149_Antenna 1



Conducted AVG output power
IEEE 802.11n_20_Channel 157_Antenna 0



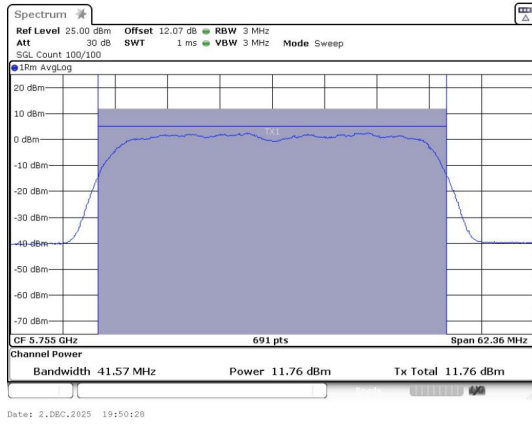
Conducted AVG output power
IEEE 802.11n_20_Channel 157_Antenna 1



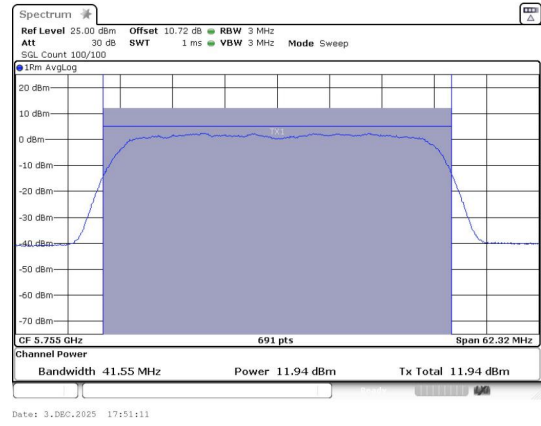
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IEEE 802.11n_20_Channel 165_Antenna 0



Conducted AVG output power
IEEE 802.11n_20_Channel 165_Antenna 1



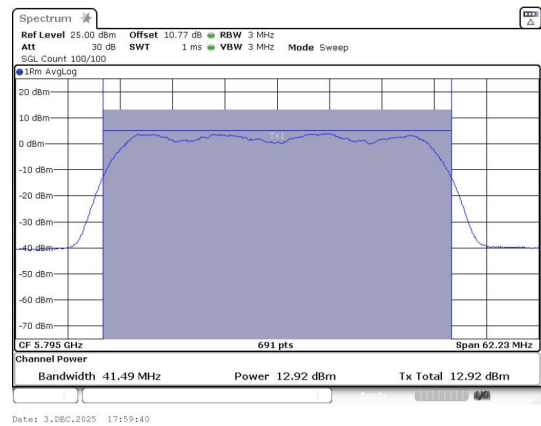
Conducted AVG output power
IEEE 802.11n_40_Channel 151_Antenna 0



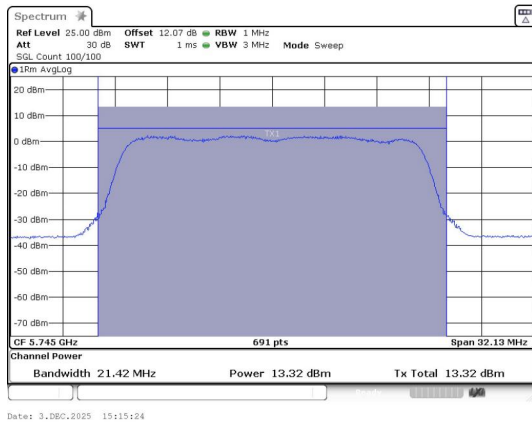
Conducted AVG output power
IEEE 802.11n_40_Channel 151_Antenna 1



Conducted AVG output power
IEEE 802.11n_40_Channel 159_Antenna 0



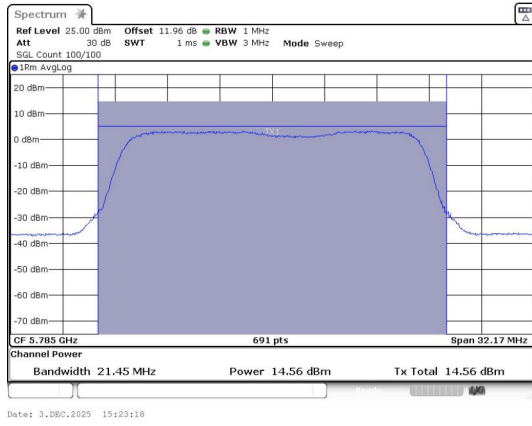
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IEEE 802.11n_40_Channel 159_Antenna 1



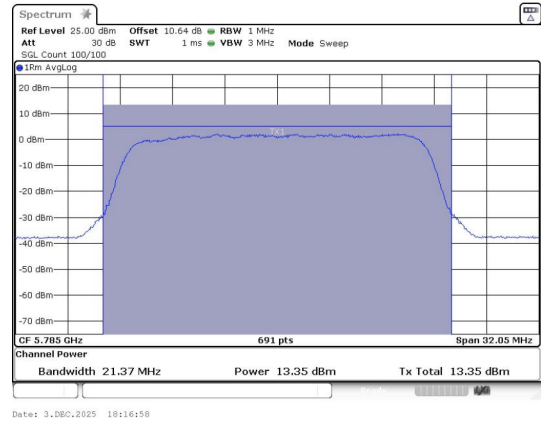
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IEEE 802.11ac_20_Channel 149_Antenna 0



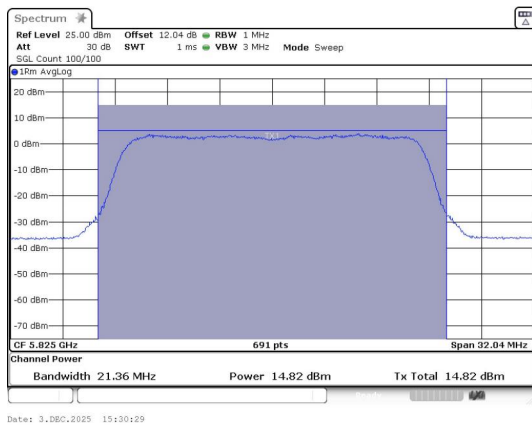
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IEEE 802.11ac_20_Channel 149_Antenna 1



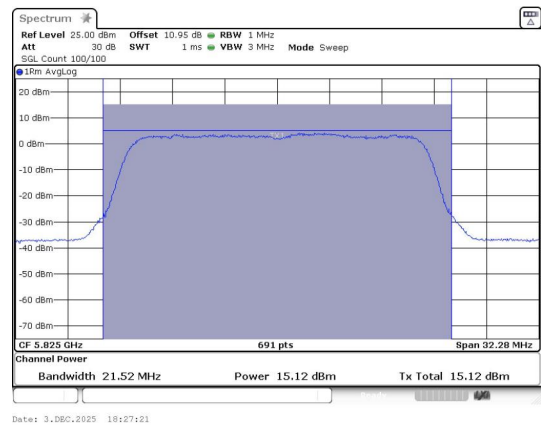
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IEEE 802.11ac_20_Channel 157_Antenna 0



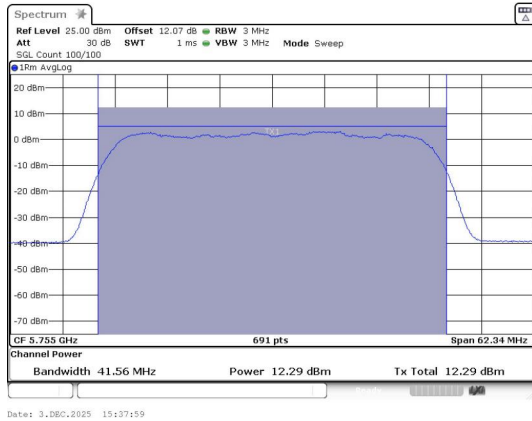
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IEEE 802.11ac_20_Channel 157_Antenna 1



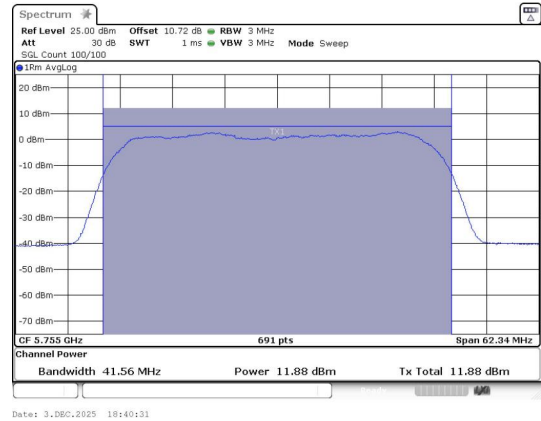
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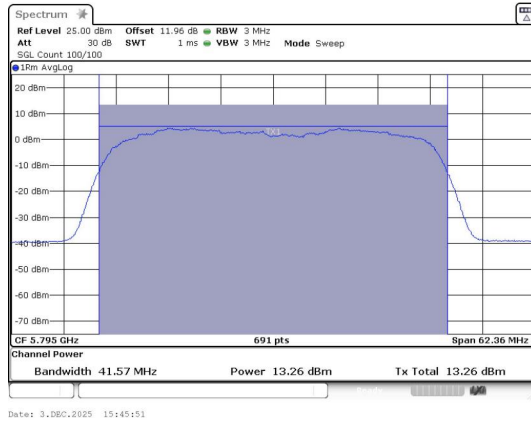
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IEEE 802.11ac_20_Channel 165_Antenna 1



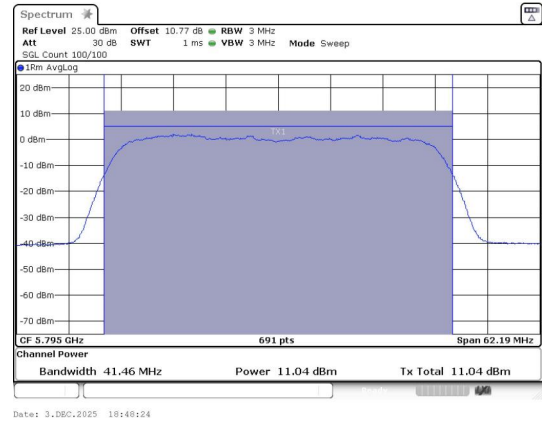
Conducted AVG output power
IEEE 802.11ac_40_Channel 151_Antenna 0



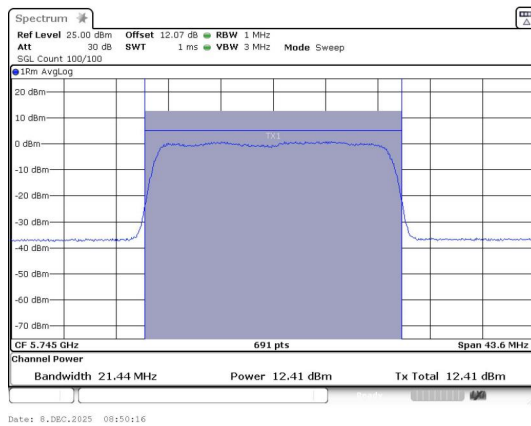
Conducted AVG output power
IEEE 802.11ac_40_Channel 151_Antenna 1



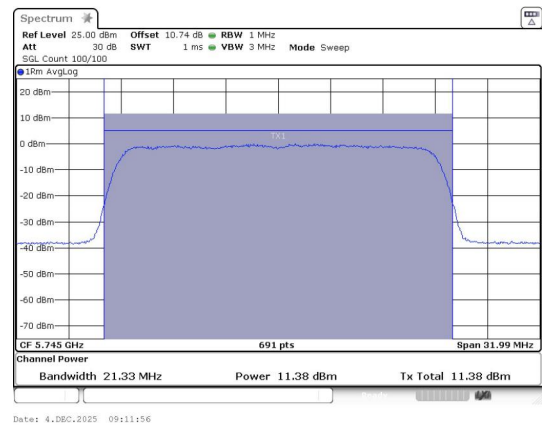
Conducted AVG output power
IEEE 802.11ac_40_Channel 159_Antenna 0



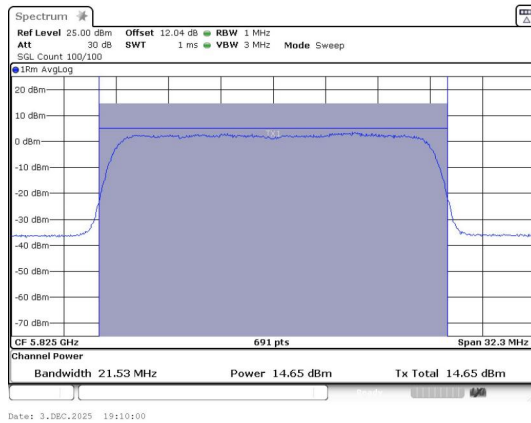
Conducted AVG output power
IEEE 802.11ac_40_Channel 159_Antenna 1



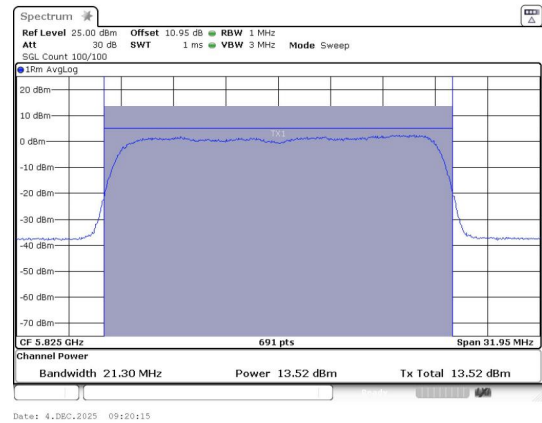
Conducted AVG output power
IEEE 802.11ax_20_Channel 149_Antenna 0_RU&Index SU



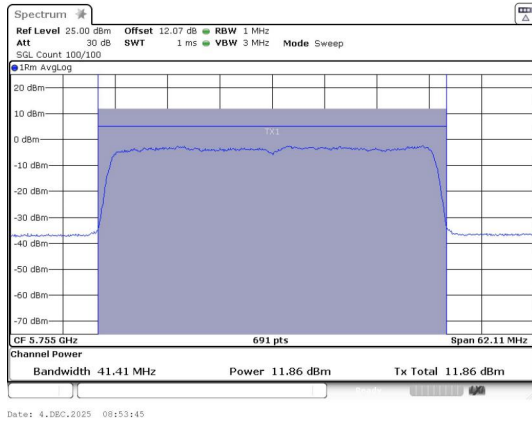
Conducted AVG output power
IEEE 802.11ax_20_Channel 149_Antenna 1_RU&Index SU



Conducted AVG output power
IEEE 802.11ax_20_Channel 165_Antenna 0_RU&Index SU

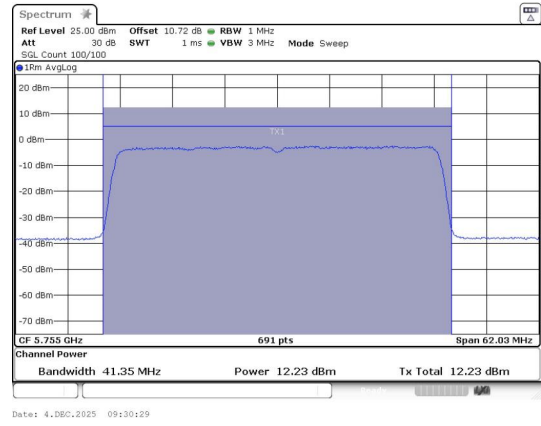


Conducted AVG output power
IEEE 802.11ax_20_Channel 165_Antenna 1_RU&Index SU



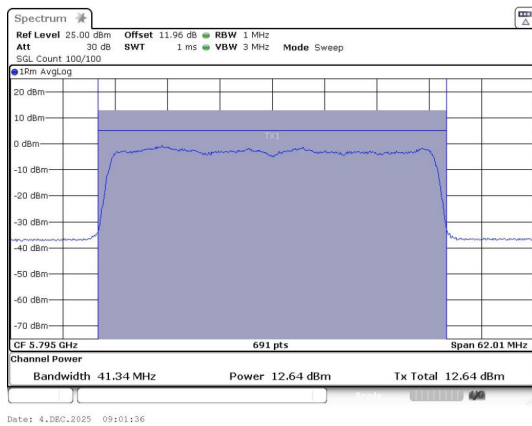
Conducted AVG output power

IEEE 802.11ax_40_Channel 151_Antenna 0_RU&Index SU



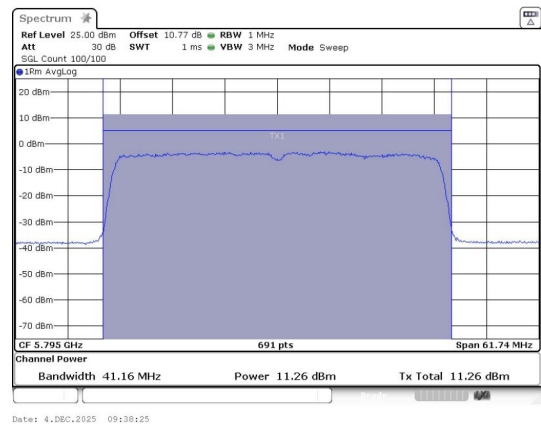
Conducted AVG output power

IEEE 802.11ax_40_Channel 151_Antenna 1_RU&Index SU



Conducted AVG output power

IEEE 802.11ax_40_Channel 159_Antenna 0_RU&Index SU



Conducted AVG output power

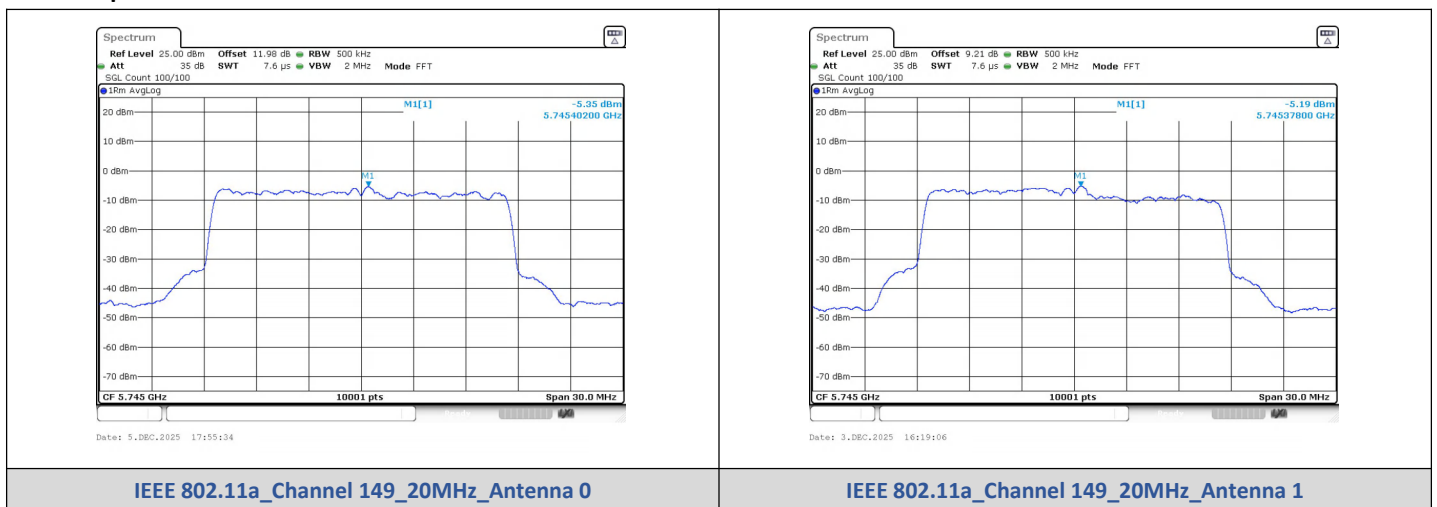
IEEE 802.11ax_40_Channel 159_Antenna 1_RU&Index SU

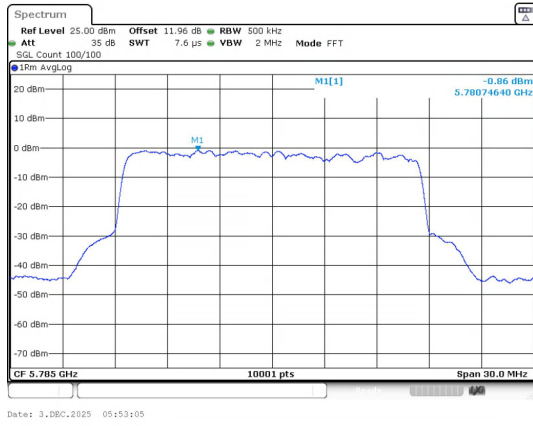
2) Power Spectral Density

Test Result

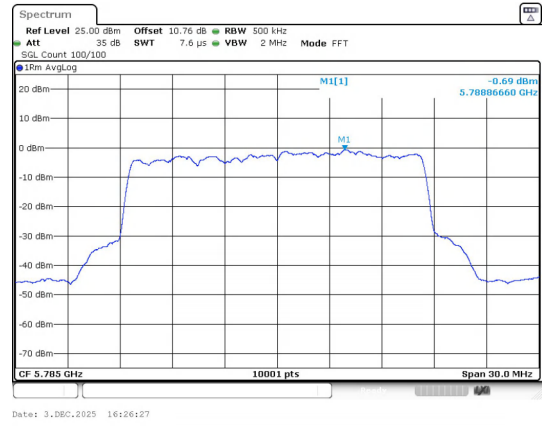
Mode	Channel	RU & Index	Ant. 0 Meas PSD (dBm/500kHz)	Ant. 1 Meas PSD (dBm/500kHz)	Ant. 0 Corr'd PSD (dBm/500kHz)	Ant. 1 Corr'd PSD (dBm/500kHz)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
IEEE 802.11a	149	N/A	-5.350	-5.190	-5.231	-5.071	-	30	PASS
	157		-0.860	-0.690	-0.741	-0.571	-		PASS
	165		-0.300	-3.060	-0.181	-2.941	-		PASS
IEEE 802.11n_20	149		-2.820	-4.140	-2.688	-4.008	-0.288		PASS
	157		-1.120	-2.640	-0.988	-2.508	1.328		PASS
	165		-1.230	-2.530	-1.098	-2.398	1.311		PASS
IEEE 802.11n_40	151		-4.480	-4.580	-4.215	-4.315	-1.254		PASS
	159		-5.080	-4.410	-4.815	-4.145	-1.457		PASS
IEEE 802.11ac_20	149		-2.940	-3.370	-2.812	-3.242	-0.011		PASS
	157		0.270	-1.330	0.398	-1.202	2.682		PASS
	165		0.750	-2.830	0.878	-2.702	2.457		PASS
IEEE 802.11ac_40	151		-4.600	-5.030	-4.34	-4.77	-1.539		PASS
	159		-3.120	-3.880	-2.86	-3.62	-0.213		PASS
IEEE 802.11ax_20	149	SU	-2.840	-6.000	-2.669	-5.829	-0.957		PASS
	165		-1.340	-4.610	-1.169	-4.439	0.507		PASS
IEEE 802.11ax_40	151		-5.390	-7.420	-5.061	-7.091	-2.948		PASS
	159		-4.880	-6.340	-4.551	-6.011	-2.210		PASS

Test Graphs

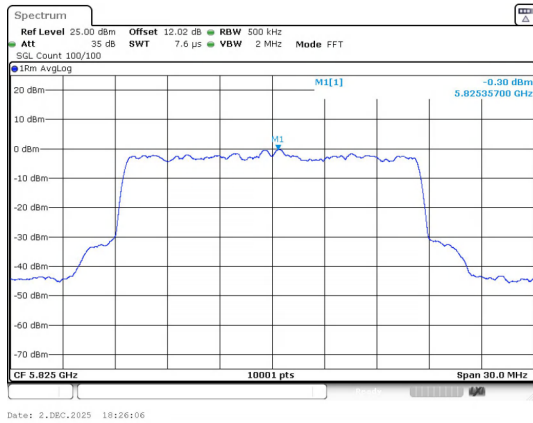




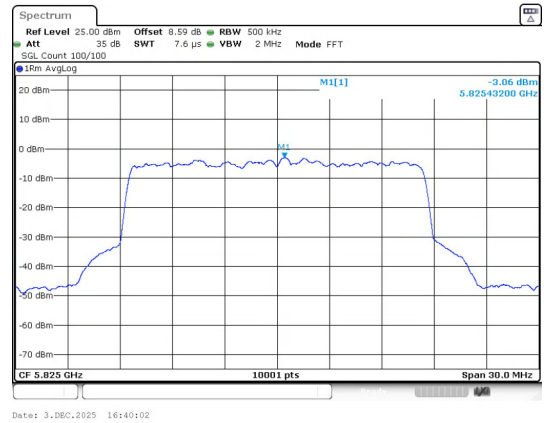
IEEE 802.11a_Channel 157_20MHz_Antenna 0



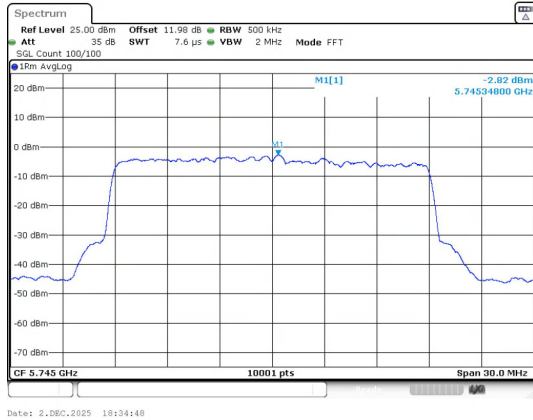
IEEE 802.11a_Channel 157_20MHz_Antenna 1



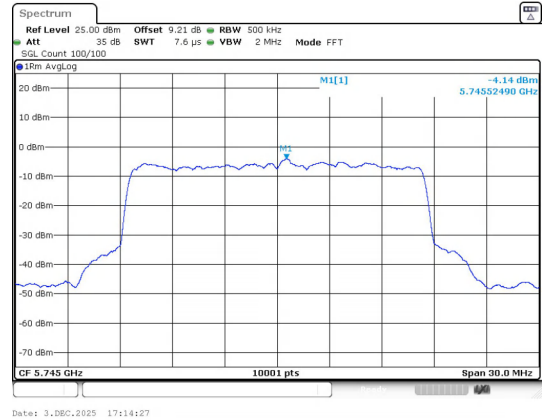
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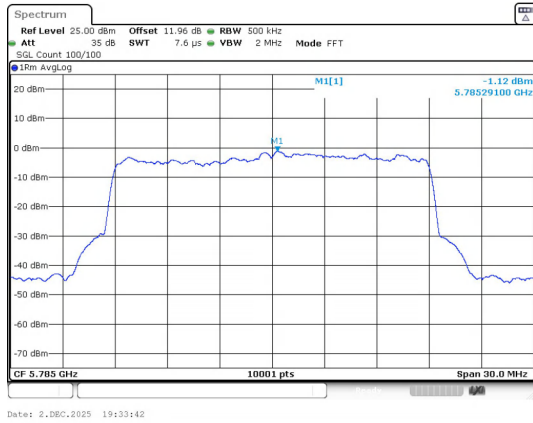
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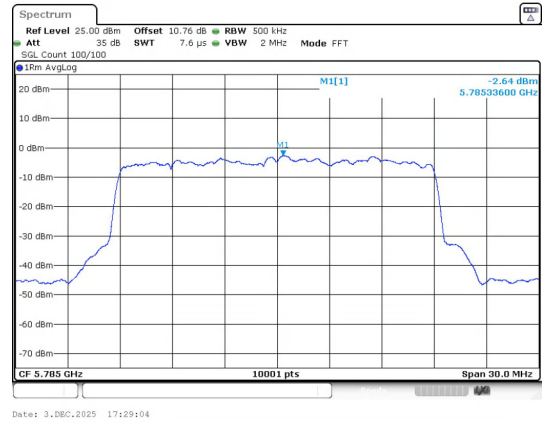
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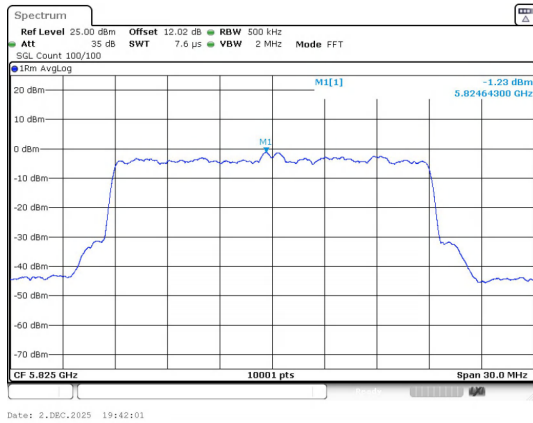
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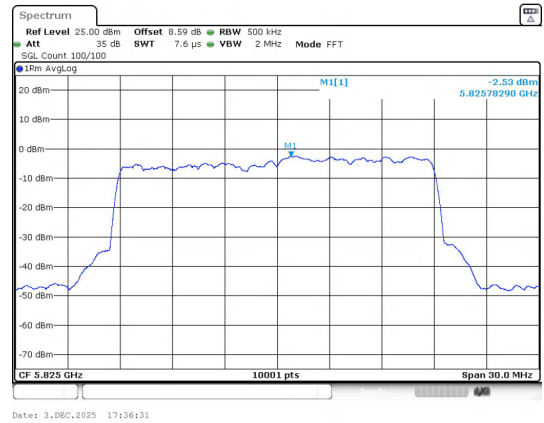
IEEE 802.11n_Channel 157_20MHz_Antenna 0



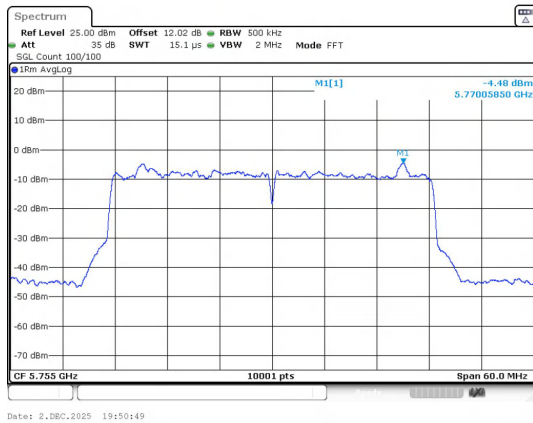
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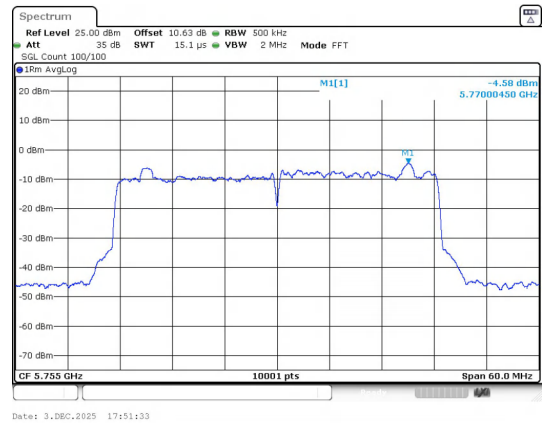
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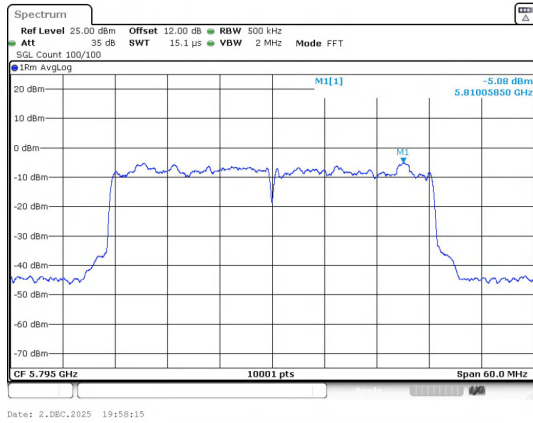
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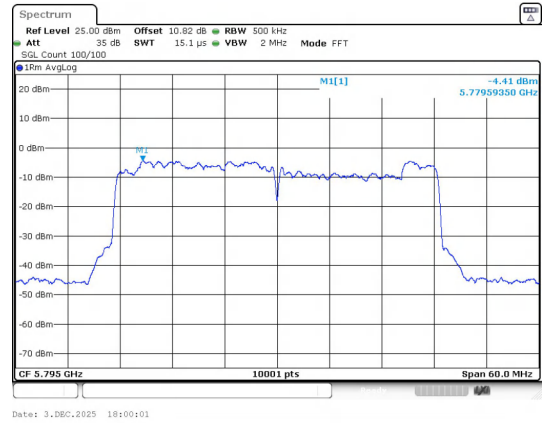
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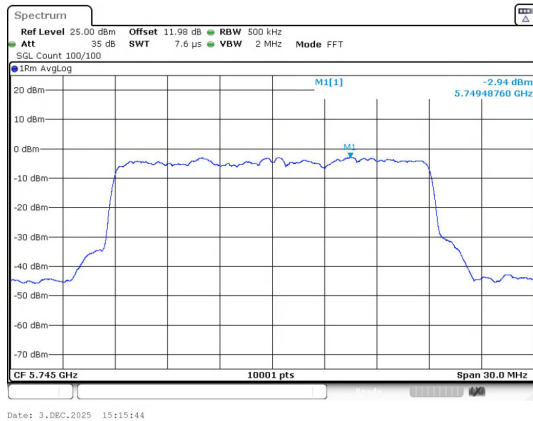
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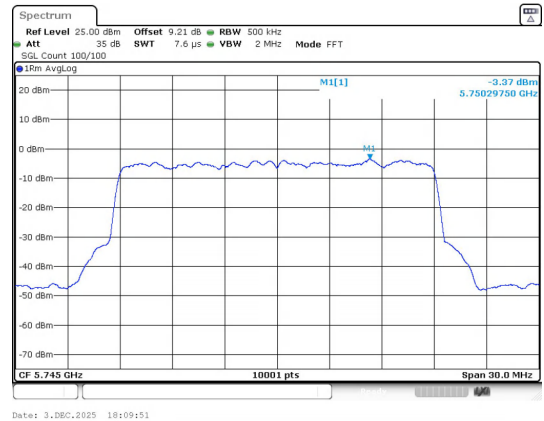
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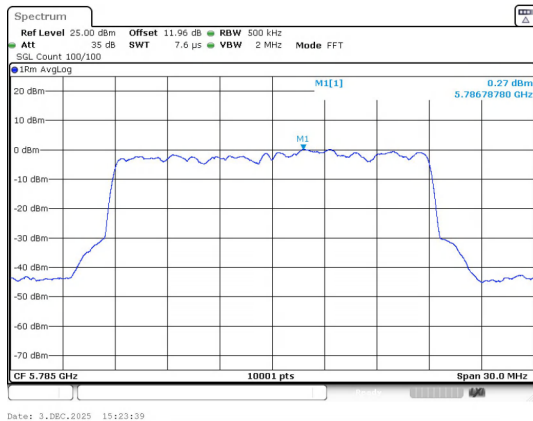
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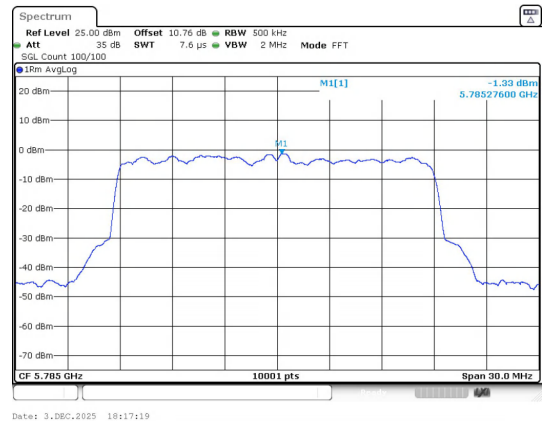
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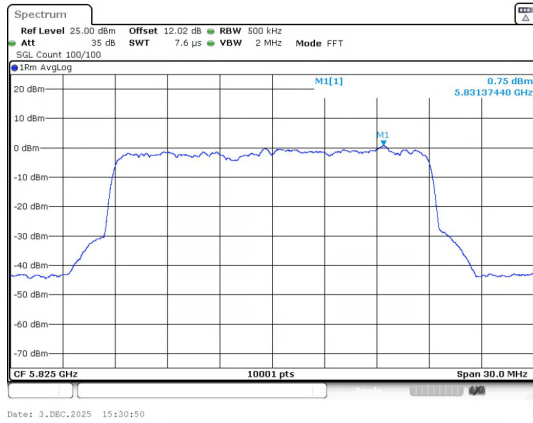
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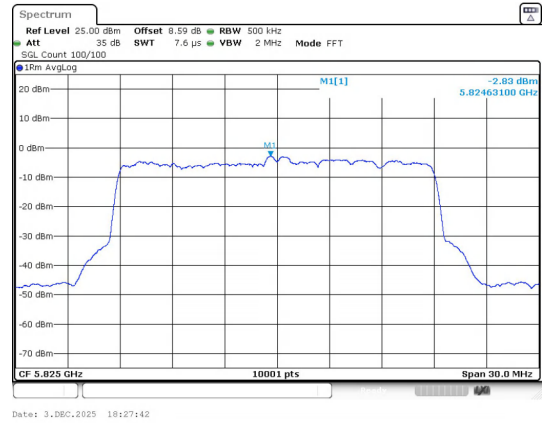
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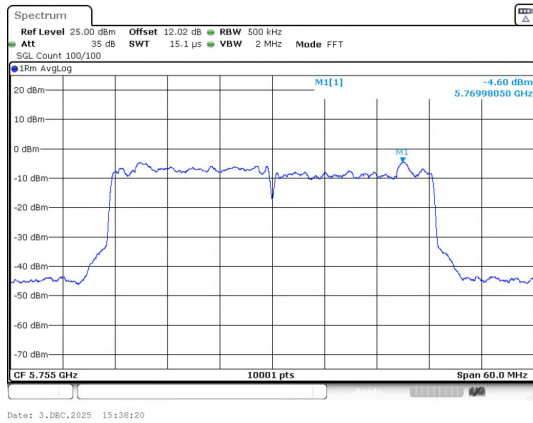
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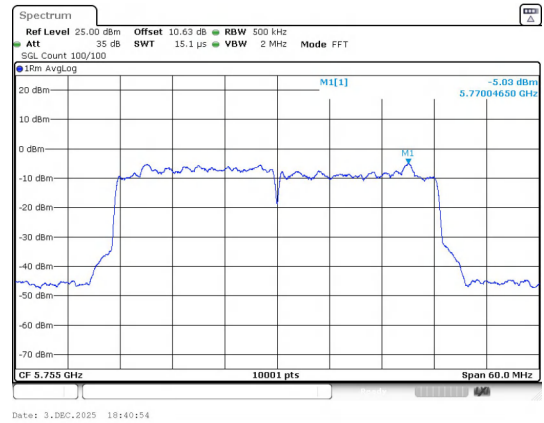
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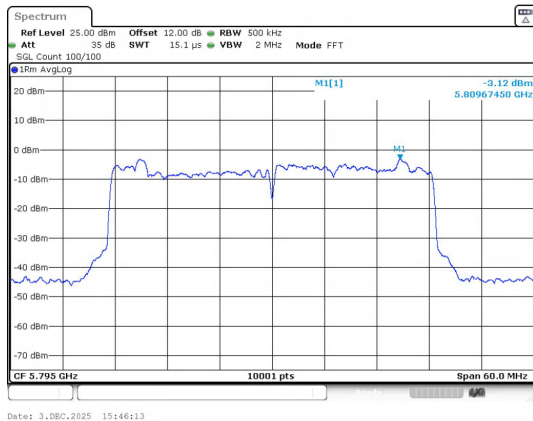
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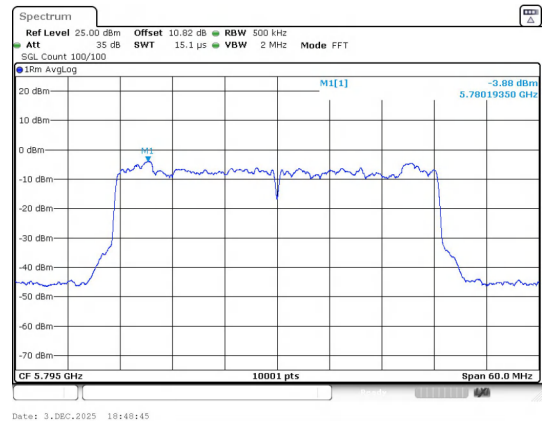
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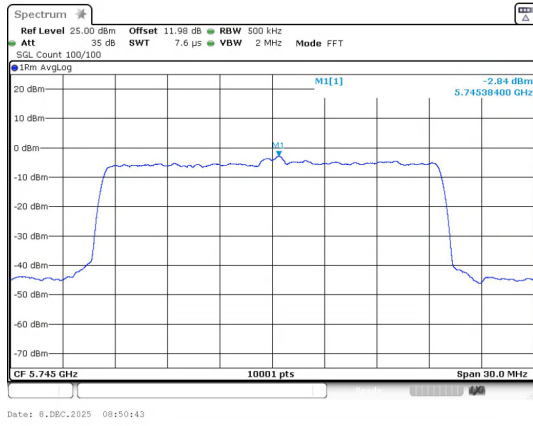
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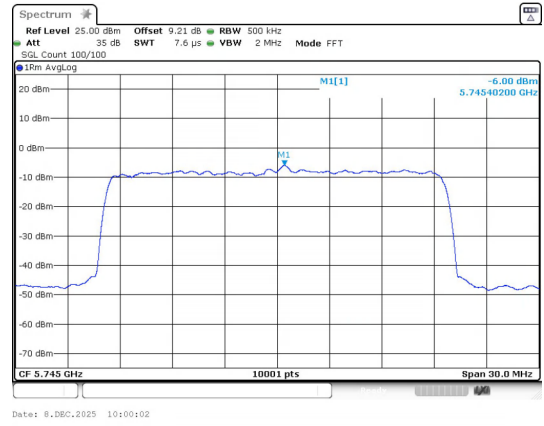
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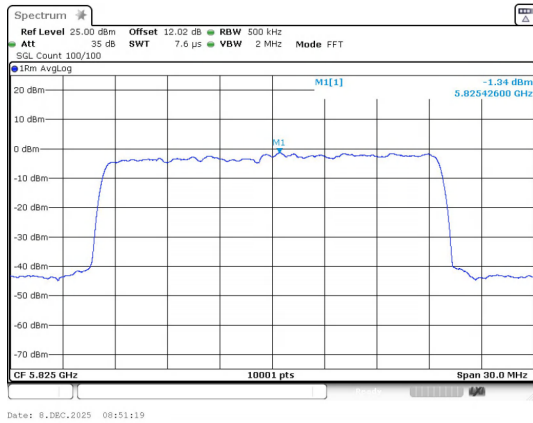
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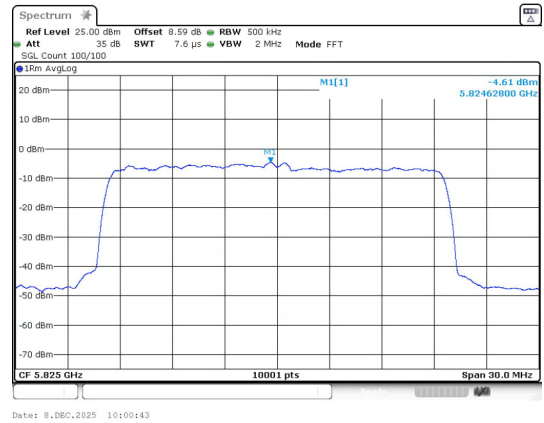
IEEE 802.11ax_Channel 149_20MHz_Antenna 0_RU&Index SU



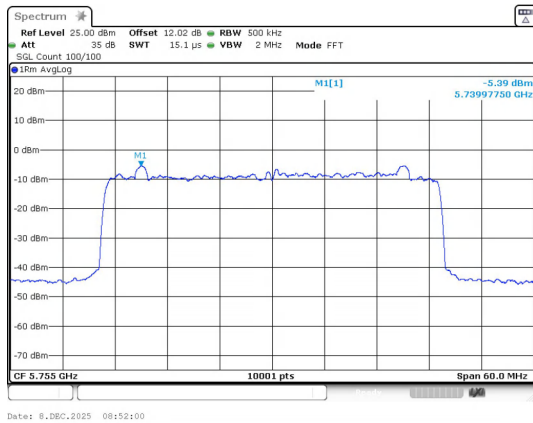
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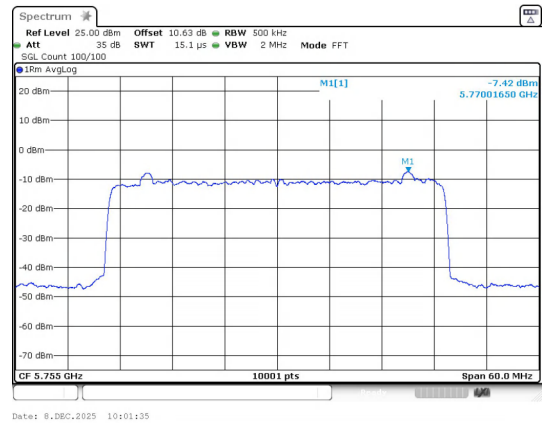
IEEE 802.11ax_Channel 165_20MHz_Antenna 0_RU&Index SU



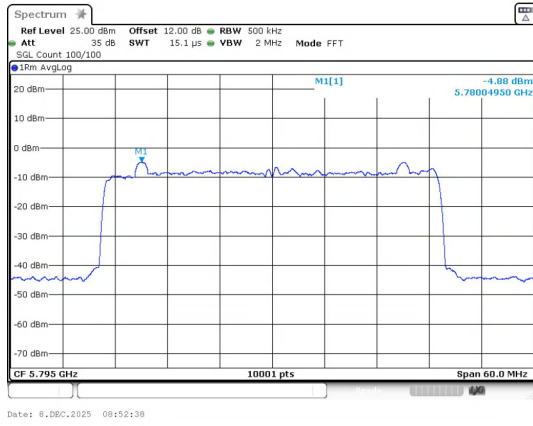
IEEE 802.11ax_Channel 165_20MHz_Antenna 1_RU&Index SU



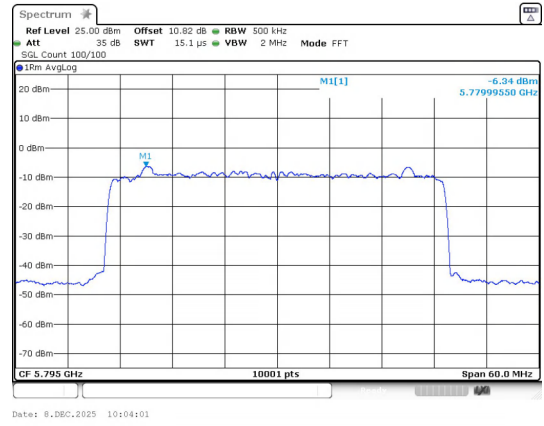
IEEE 802.11ax_Channel 151_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 151_40MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 159_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 159_40MHz_Antenna 1_RU&Index SU

3) Frequency Stability

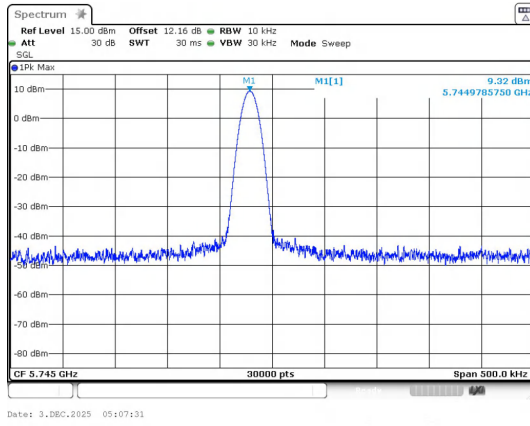
Test Result

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	149	N/A	0	5745.0	5744.978575	-3.73	Within authorized band	PASS	
				1	5745.0	5744.978292	-3.78		PASS	
		157		0	5785.0	5784.975192	-4.29		PASS	
				1	5785.0	5784.976075	-4.14		PASS	
		165		0	5825.0	5824.974742	-4.34		PASS	
				1	5825.0	5824.975758	-4.16		PASS	
	IEEE 802.11n_20	149		0	5745.0	5744.978575	-3.73		PASS	
				1	5745.0	5744.977675	-3.89		PASS	
		157		0	5785.0	5784.974542	-4.4		PASS	
				1	5785.0	5784.976458	-4.07		PASS	
		165		0	5825.0	5824.974008	-4.46		PASS	
				1	5825.0	5824.975975	-4.12		PASS	
	IEEE 802.11n_40	151		0	5755.0	5754.974525	-4.43		PASS	
				1	5755.0	5754.976542	-4.08		PASS	
		159		0	5795.0	5794.974175	-4.46		PASS	
				1	5795.0	5794.976208	-4.11		PASS	
	IEEE 802.11ac_20	149		0	5745.0	5744.995808	-0.73		PASS	
				1	5745.0	5744.976575	-4.08		PASS	
		157		0	5785.0	5784.987408	-2.18		PASS	
				1	5785.0	5784.976092	-4.13		PASS	
		165		0	5825.0	5824.983542	-2.83		PASS	
				1	5825.0	5824.976575	-4.02		PASS	
	IEEE 802.11ac_40	151		0	5755.0	5754.982192	-3.09		PASS	
				1	5755.0	5754.976208	-4.13		PASS	
		159		0	5795.0	5794.980075	-3.44		PASS	
				1	5795.0	5794.975925	-4.15		PASS	
	IEEE 802.11ax_20	149	SU	0	5745.0	5744.978092	-3.81		PASS	
				1	5745.0	5744.983825	-2.82		PASS	
		165		0	5825.0	5824.977108	-3.93		PASS	
				1	5825.0	5824.985458	-2.5		PASS	
		IEEE 802.11ax_40		151	0	5755.0	5754.989042		-1.9	PASS
					1	5755.0	5754.979875		-3.5	PASS
				159	0	5795.0	5794.985258		-2.54	PASS
					1	5795.0	5794.979108		-3.61	PASS

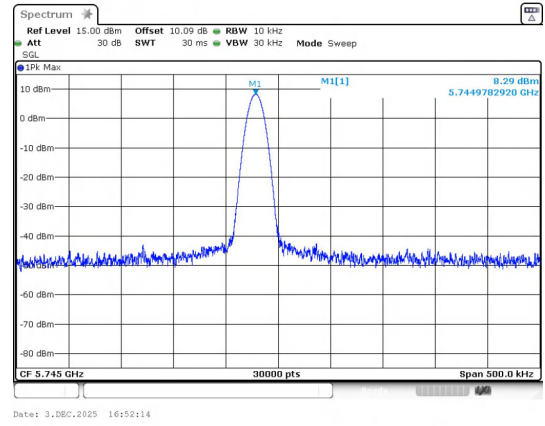
Test Graphs

NT/NV

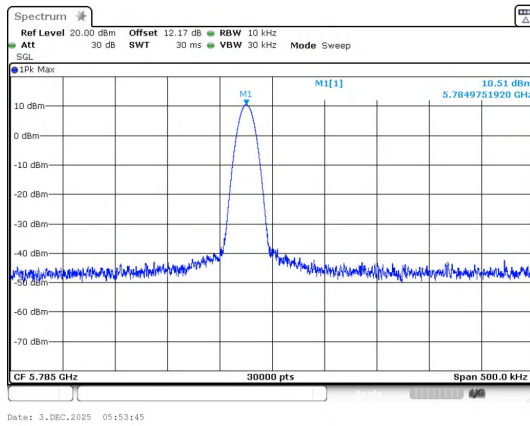
IEEE 802.11a



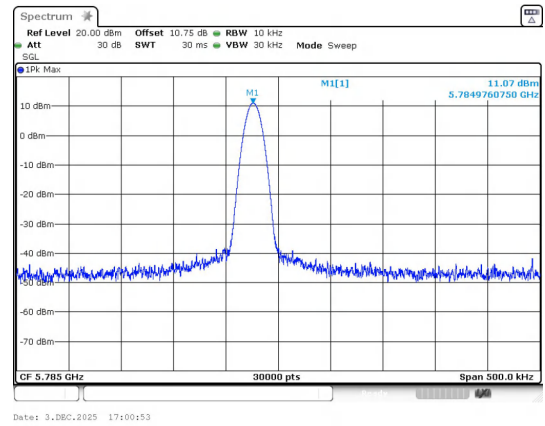
NT/NV_Antenna 0
IEEE 802.11a_Channel 149_20MHz



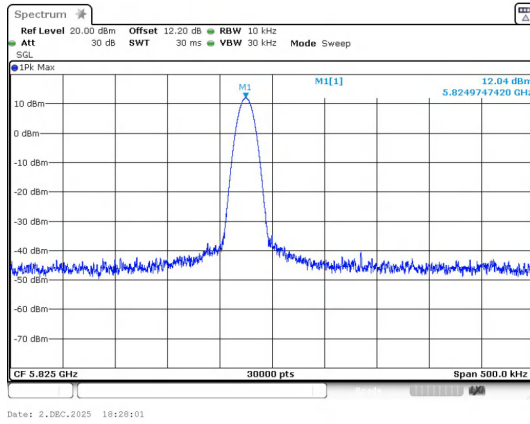
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IEEE 802.11a_Channel 149_20MHz



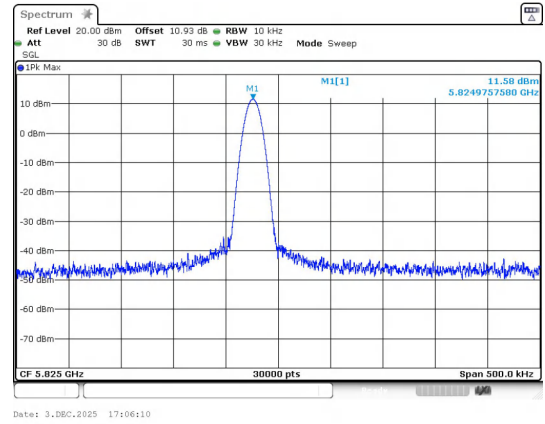
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IEEE 802.11a_Channel 157_20MHz



NT/NV_Antenna 1
IEEE 802.11a_Channel 157_20MHz

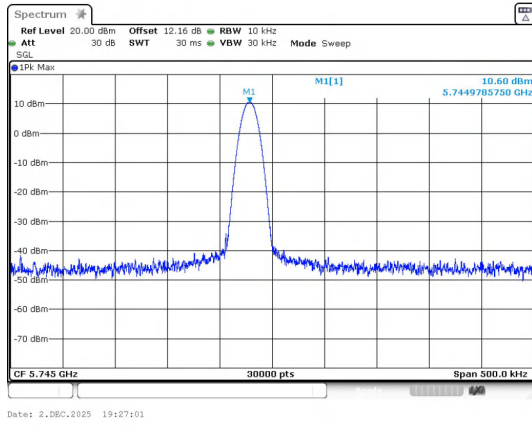


NT/NV_Antenna 0
IEEE 802.11a_Channel 165_20MHz

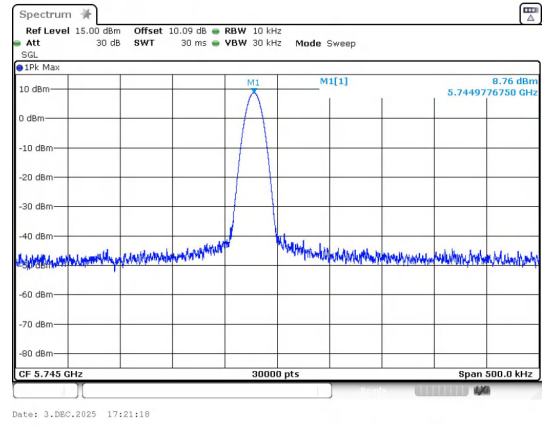


NT/NV_Antenna 1
IEEE 802.11a_Channel 165_20MHz

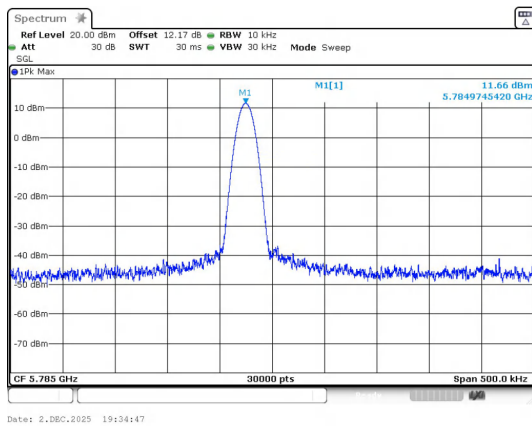
IEEE 802.11n_20



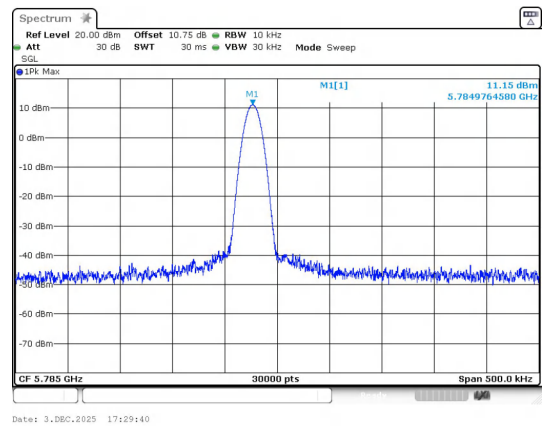
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IEEE 802.11n_Channel 149_20MHz



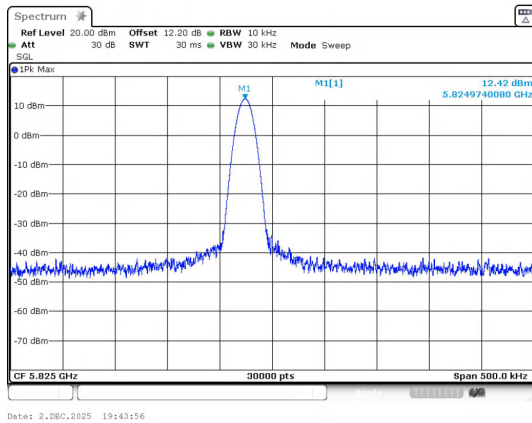
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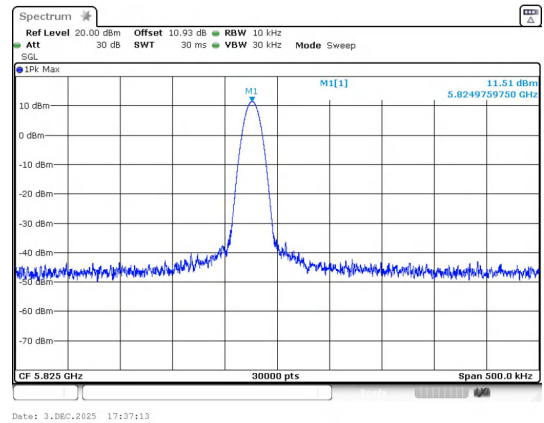
NT/NV_Antenna 0
IEEE 802.11n_Channel 157_20MHz



NT/NV_Antenna 1
IEEE 802.11n_Channel 157_20MHz

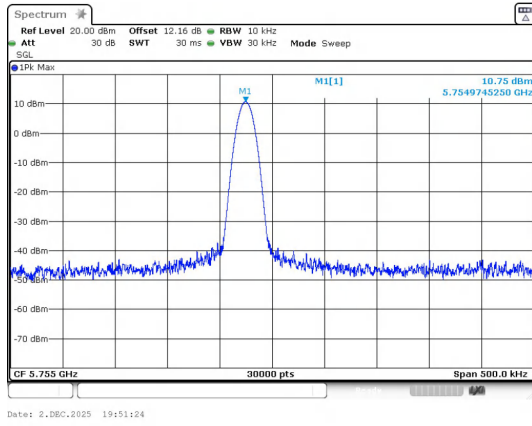


NT/NV_Antenna 0
IEEE 802.11n_Channel 165_20MHz



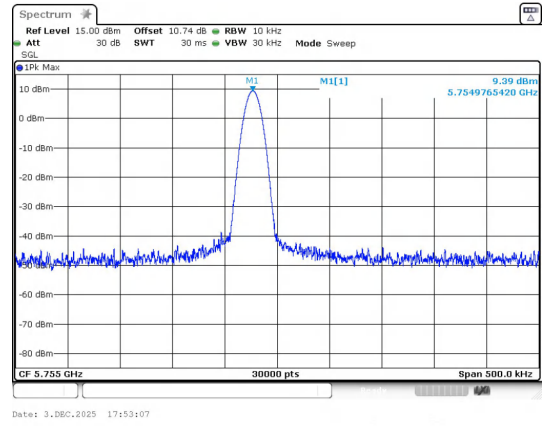
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IEEE 802.11n_Channel 165_20MHz

IEEE 802.11n_40



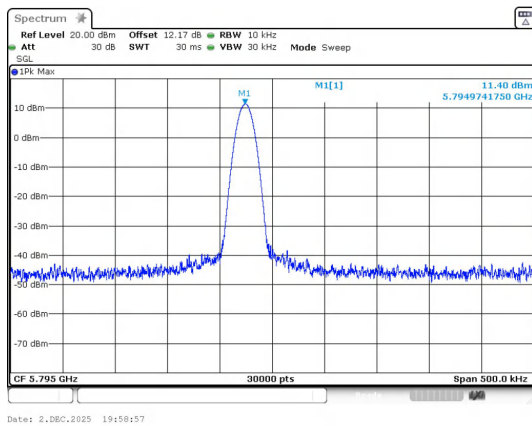
NT/NV_Antenna 0

IEEE 802.11n_Channel 151_40MHz



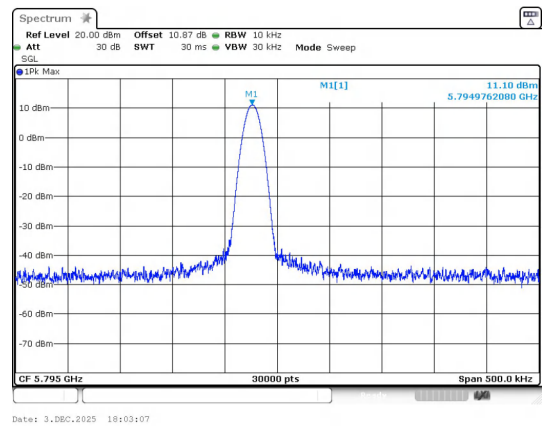
NT/NV_Antenna 1

IEEE 802.11n_Channel 151_40MHz



NT/NV_Antenna 0

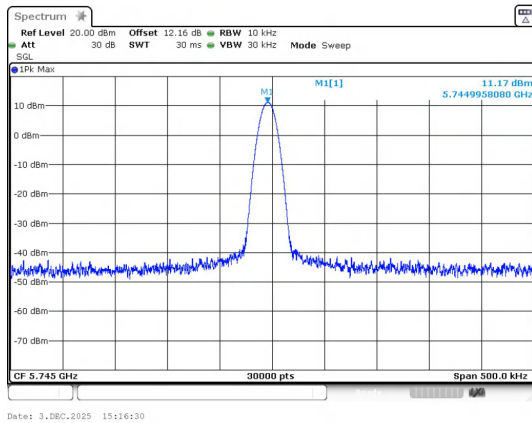
IEEE 802.11n_Channel 159_40MHz



NT/NV_Antenna 1

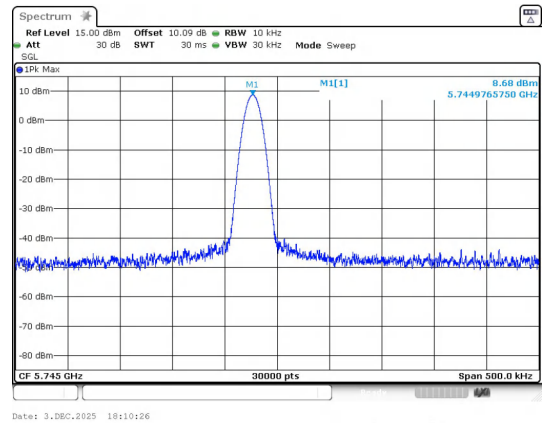
IEEE 802.11n_Channel 159_40MHz

IEEE 802.11ac_20



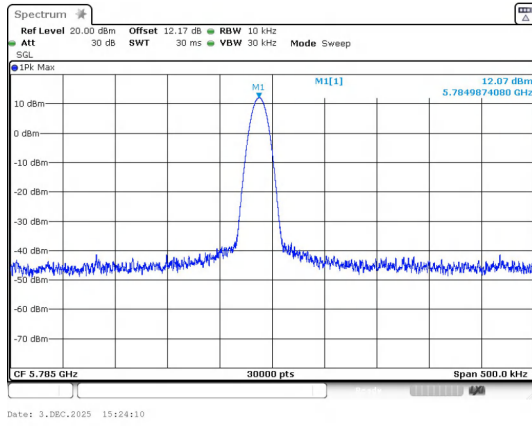
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IEEE 802.11ac_Channel 149_20MHz



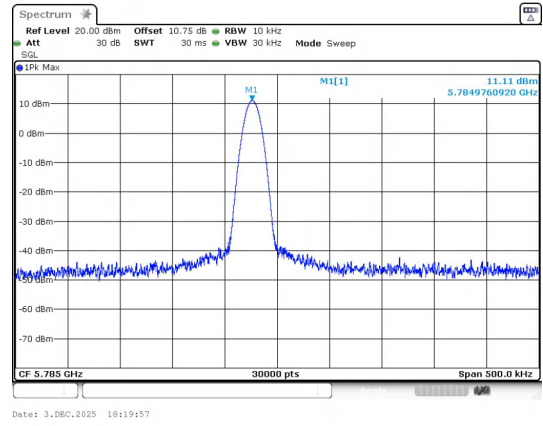
NT/NV_Antenna 1

IEEE 802.11ac_Channel 149_20MHz



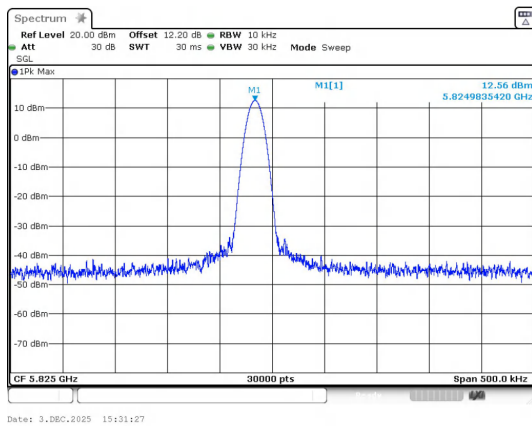
NT/NV_Antenna 0

IEEE 802.11ac_Channel 157_20MHz



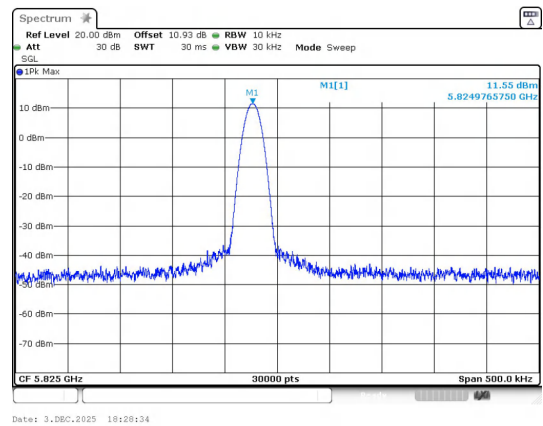
NT/NV_Antenna 1

IEEE 802.11ac_Channel 157_20MHz



NT/NV_Antenna 0

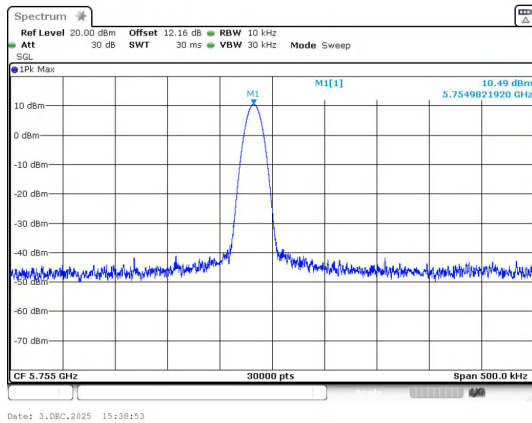
IEEE 802.11ac_Channel 165_20MHz



NT/NV_Antenna 1

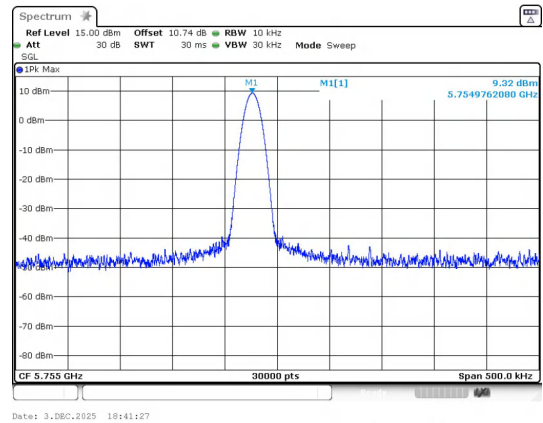
IEEE 802.11ac_Channel 165_20MHz

IEEE 802.11ac_40



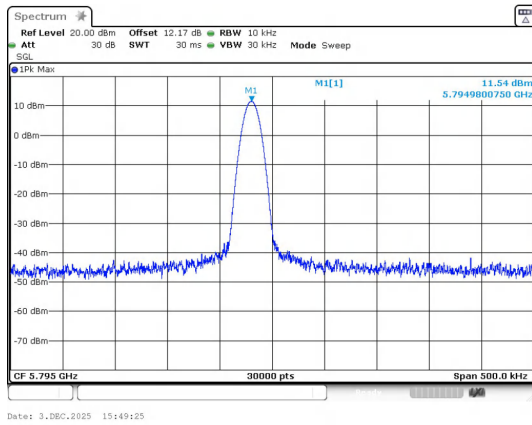
NT/NV_Antenna 0

IEEE 802.11ac_Channel 151_40MHz



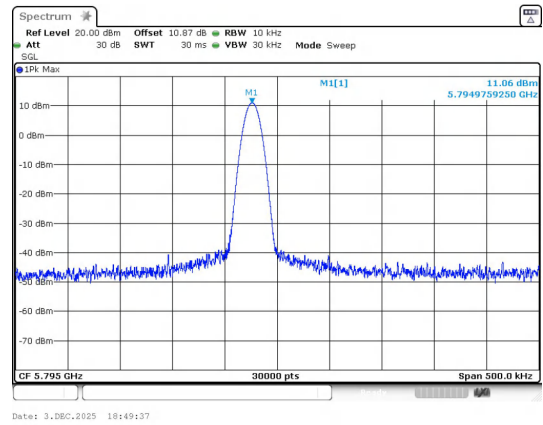
NT/NV_Antenna 1

IEEE 802.11ac_Channel 151_40MHz



NT/NV_Antenna 0

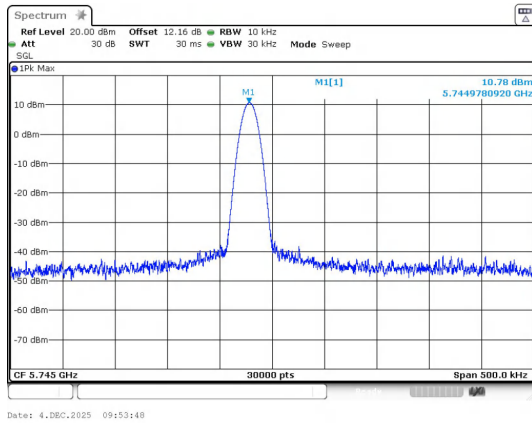
IEEE 802.11ac_Channel 159_40MHz



NT/NV_Antenna 1

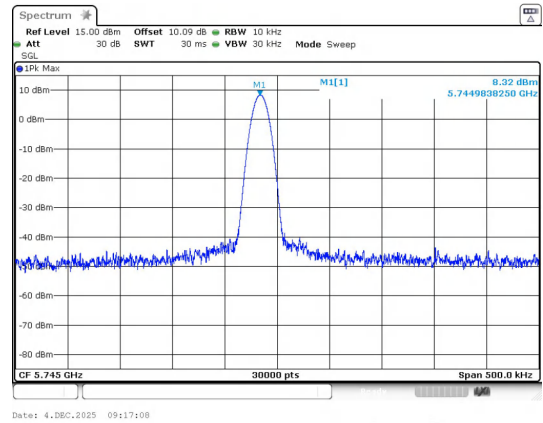
IEEE 802.11ac_Channel 159_40MHz

IEEE 802.11ax_20



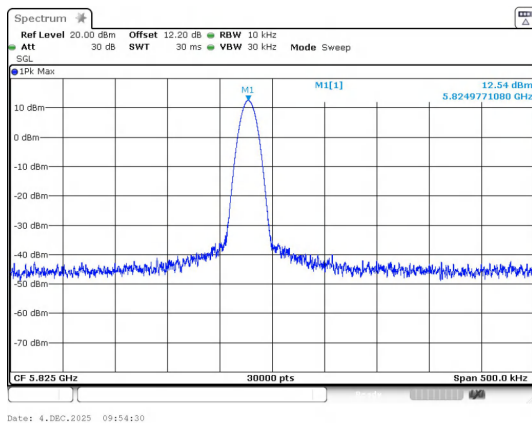
NT/NV_Antenna 0

IEEE 802.11ax_Channel 149_20MHz



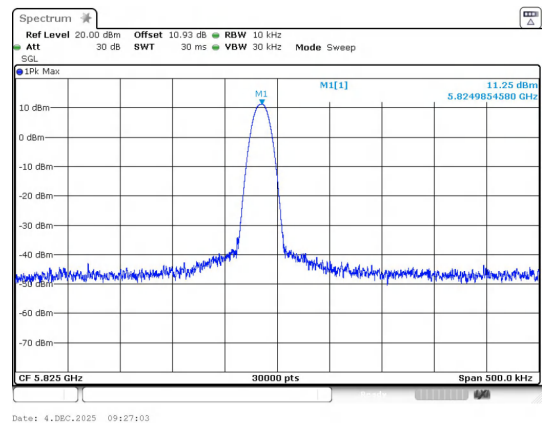
NT/NV_Antenna 1

IEEE 802.11ax_Channel 149_20MHz



NT/NV_Antenna 0

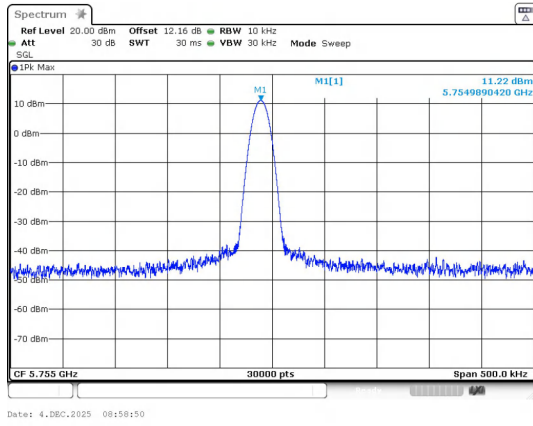
IEEE 802.11ax_Channel 165_20MHz



NT/NV_Antenna 1

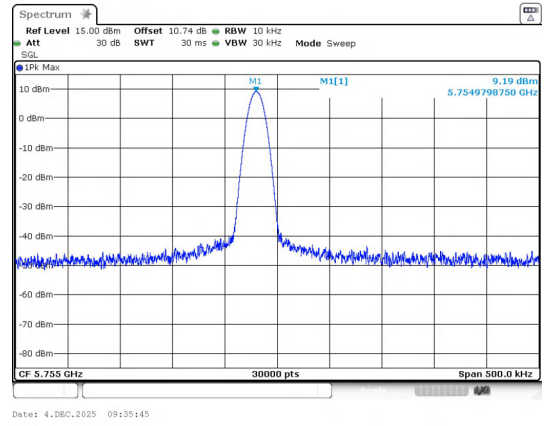
IEEE 802.11ax_Channel 165_20MHz

IEEE 802.11ax_40



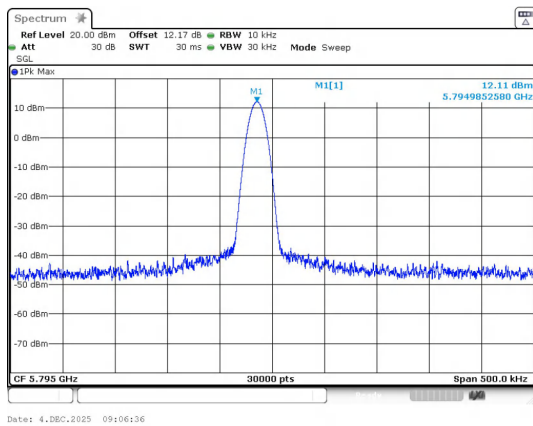
NT/NV_Antenna 0

IEEE 802.11ax_Channel 151_40MHz



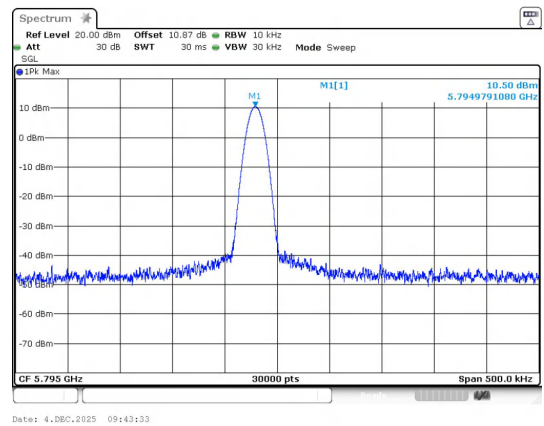
NT/NV_Antenna 1

IEEE 802.11ax_Channel 151_40MHz



NT/NV_Antenna 0

IEEE 802.11ax_Channel 159_40MHz



NT/NV_Antenna 1

IEEE 802.11ax_Channel 159_40MHz