

Appendix Report

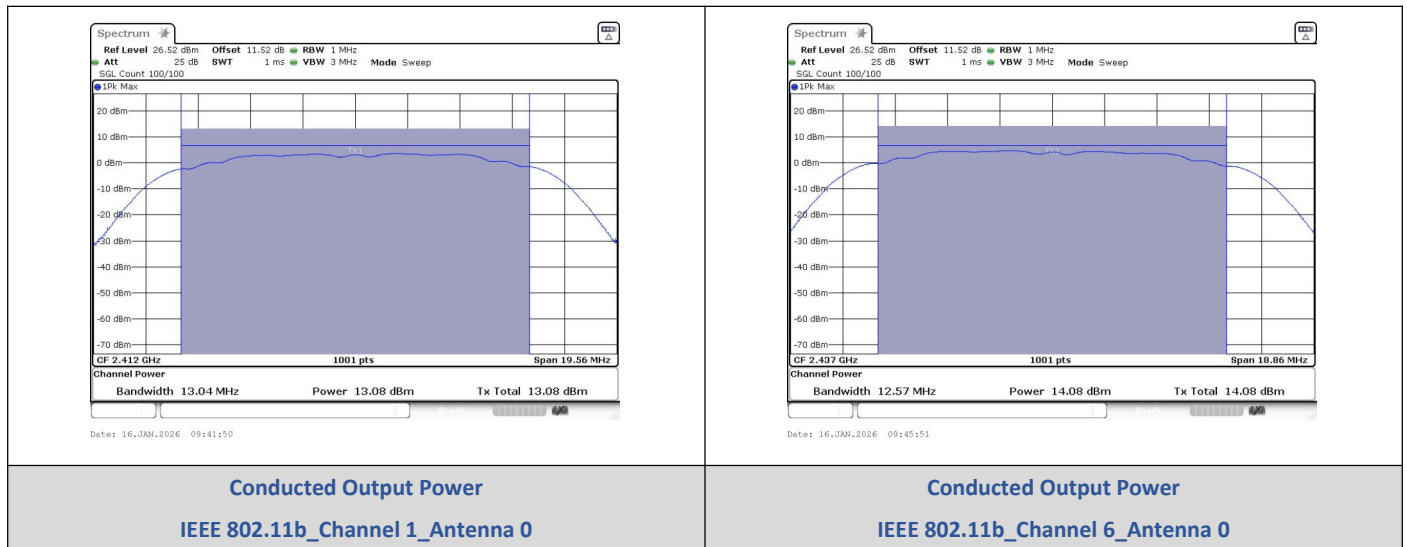
1) Conducted Peak Output Power

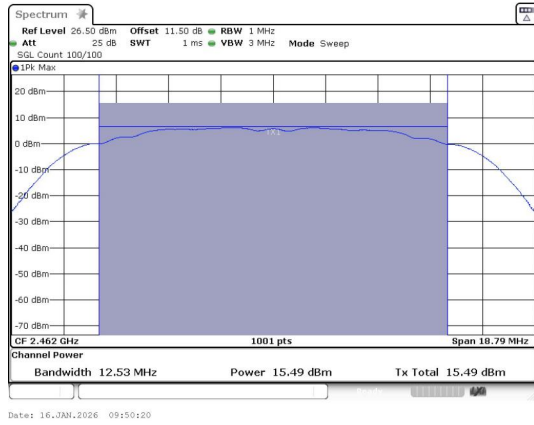
Test Result

Conducted Output Power

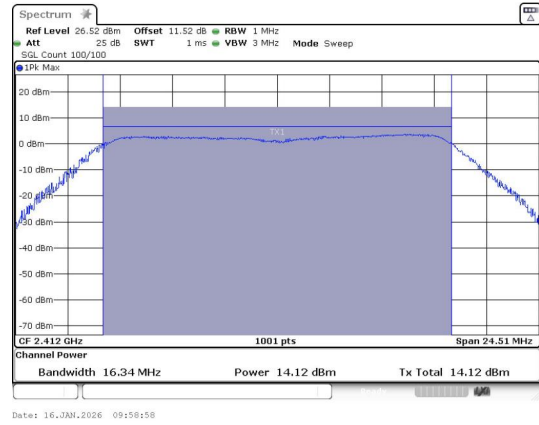
Mode	Channel	Ant. 0 (dBm)	Total (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	13.08	13.08	≤30	PASS
	6	14.08	14.08	≤30	PASS
	11	15.49	15.49	≤30	PASS
IEEE 802.11g	1	14.12	14.12	≤30	PASS
	6	14.19	14.19	≤30	PASS
	11	15.32	15.32	≤30	PASS
IEEE 802.11n_20	1	14.07	14.07	≤30	PASS
	6	14.10	14.1	≤30	PASS
	11	15.26	15.26	≤30	PASS
IEEE 802.11n_40	3	14.86	14.86	≤30	PASS
	6	15.15	15.15	≤30	PASS
	9	15.50	15.5	≤30	PASS

Test Graphs

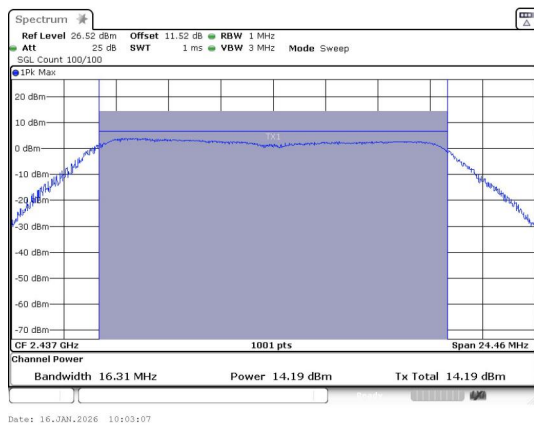




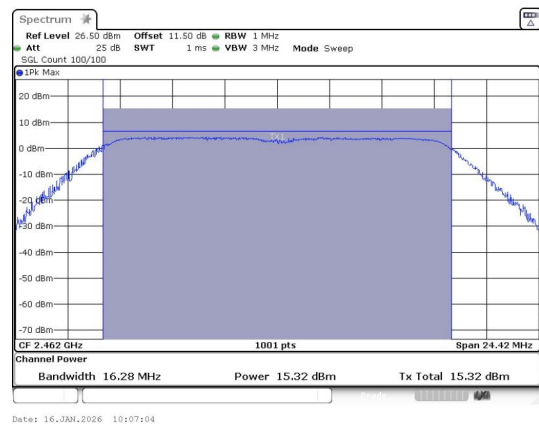
Conducted Output Power
IEEE 802.11b_Channel 11_Antenna 0



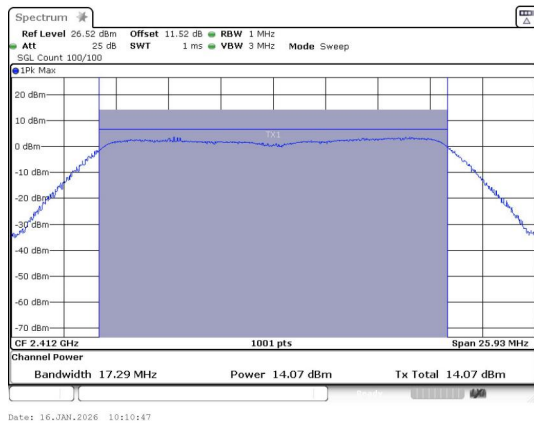
Conducted Output Power
IEEE 802.11g_Channel 1_Antenna 0



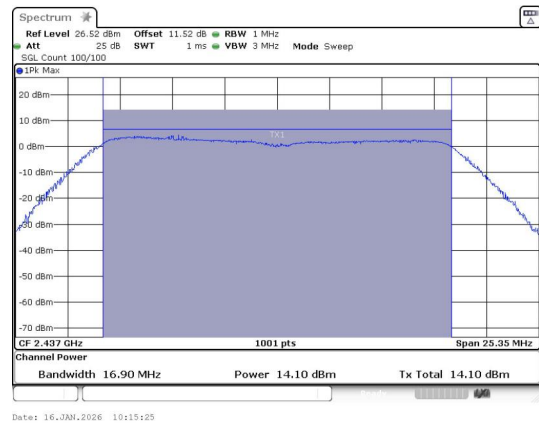
Conducted Output Power
IEEE 802.11g_Channel 6_Antenna 0



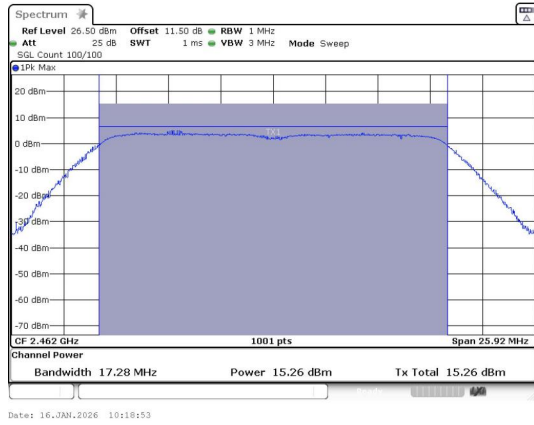
Conducted Output Power
IEEE 802.11g_Channel 11_Antenna 0



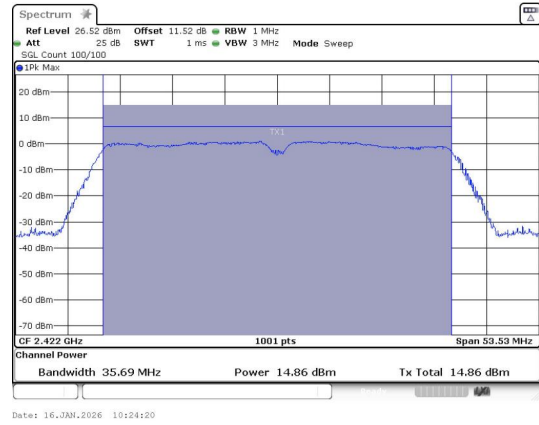
Conducted Output Power
IEEE 802.11n_20_Channel 1_Antenna 0



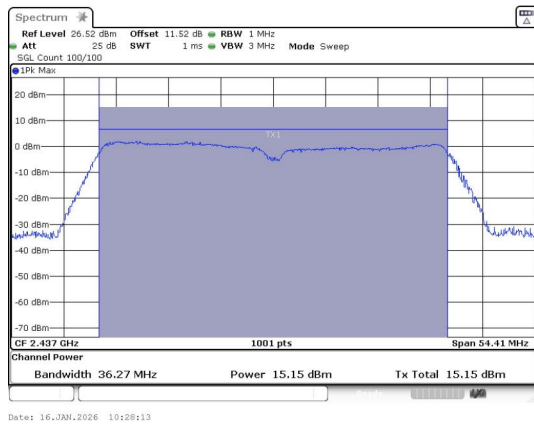
Conducted Output Power
IEEE 802.11n_20_Channel 6_Antenna 0



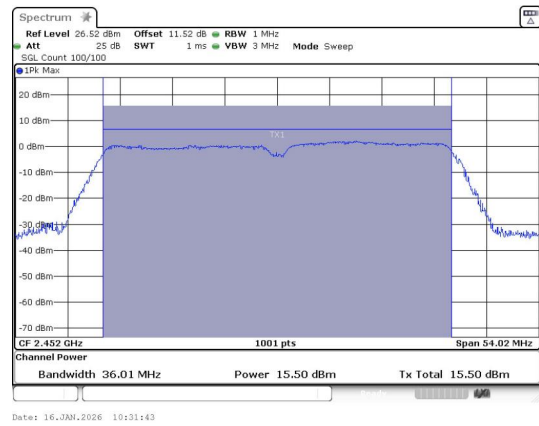
Conducted Output Power
IEEE 802.11n_20_Channel 11_Antenna 0



Conducted Output Power
IEEE 802.11n_40_Channel 3_Antenna 0



Conducted Output Power
IEEE 802.11n_40_Channel 6_Antenna 0



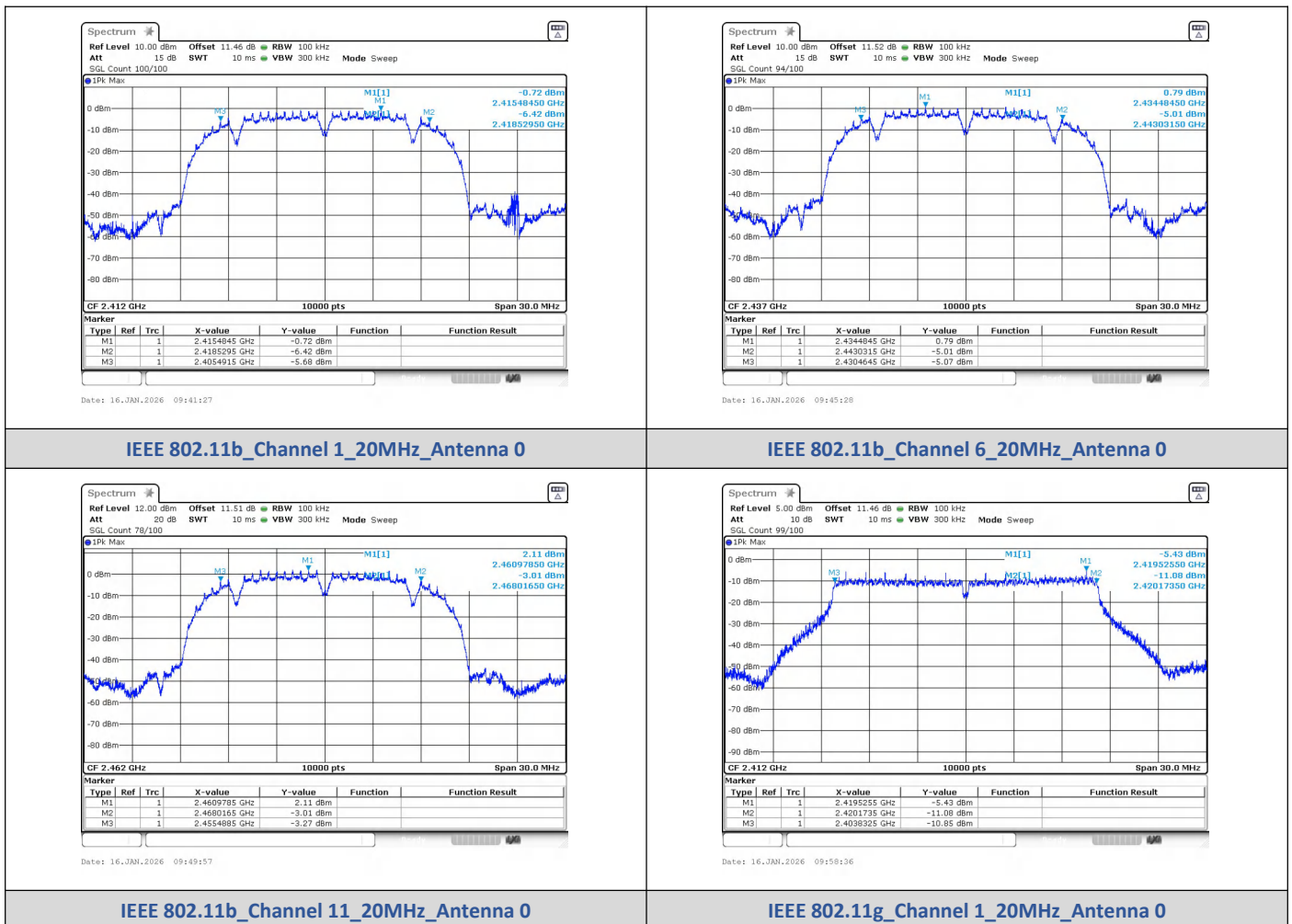
Conducted Output Power
IEEE 802.11n_40_Channel 9_Antenna 0

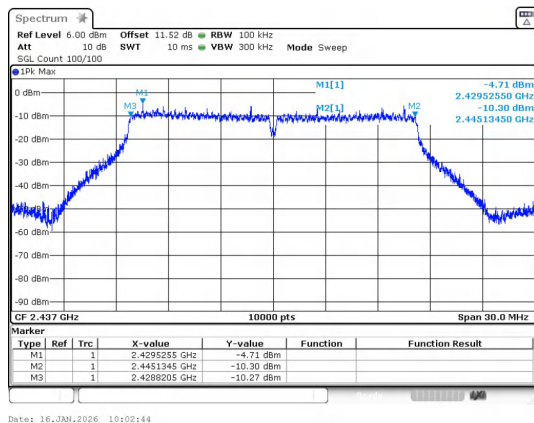
2) 6dB Bandwidth

Test Result

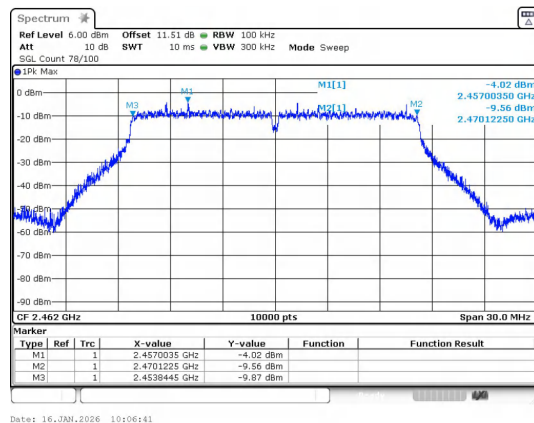
Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	13.04	≥0.5	PASS
	6		2437	12.57		PASS
	11		2462	12.53		PASS
IEEE 802.11g	1		2412	16.34		PASS
	6		2437	16.31		PASS
	11		2462	16.28		PASS
IEEE 802.11n_20	1		2412	17.29		PASS
	6		2437	16.90		PASS
	11		2462	17.28		PASS
IEEE 802.11n_40	3		2422	35.69		PASS
	6		2437	36.27		PASS
	9		2452	36.01		PASS

Test Graphs

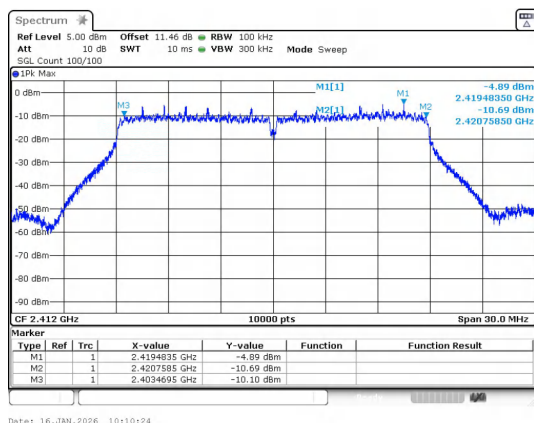




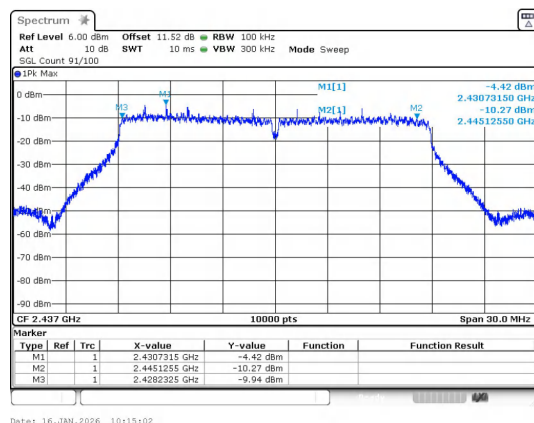
IEEE 802.11g_Channel 6_20MHz_Antenna 0



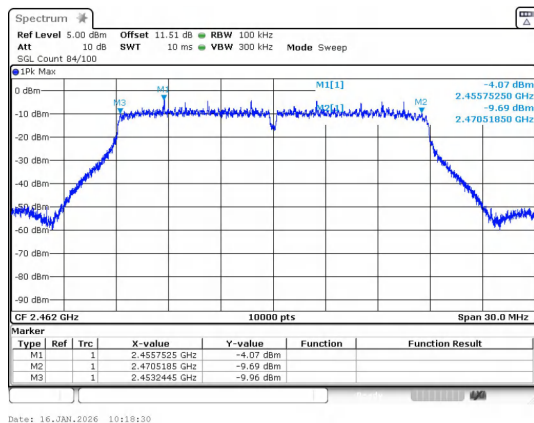
IEEE 802.11g_Channel 11_20MHz_Antenna 0



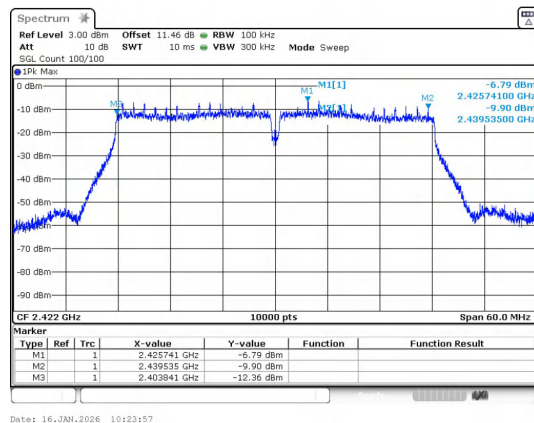
IEEE 802.11n_Channel 1_20MHz_Antenna 0



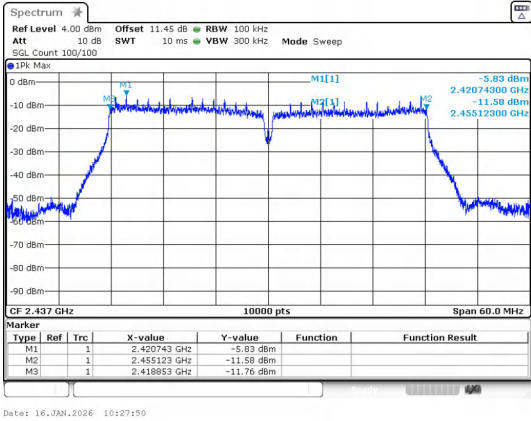
IEEE 802.11n_Channel 6_20MHz_Antenna 0



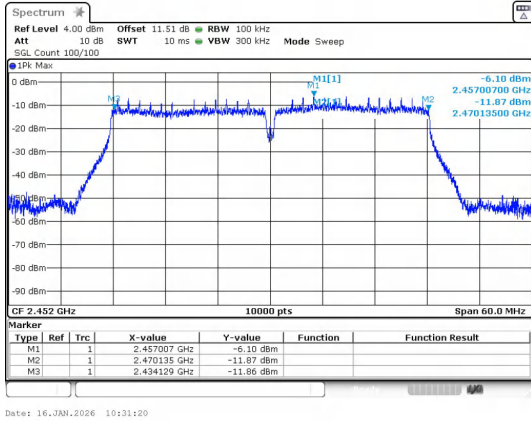
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



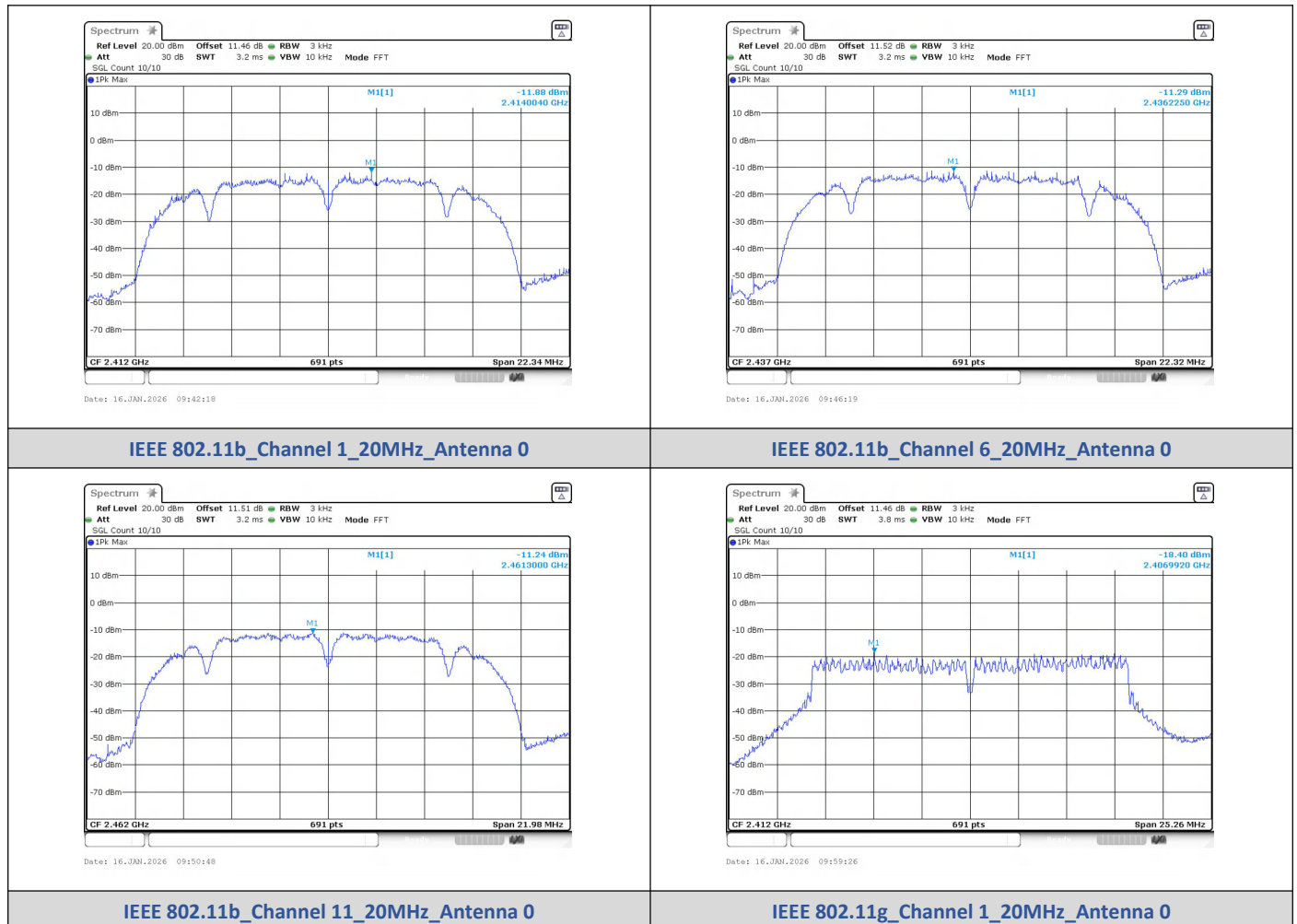
IEEE 802.11n_Channel 9_40MHz_Antenna 0

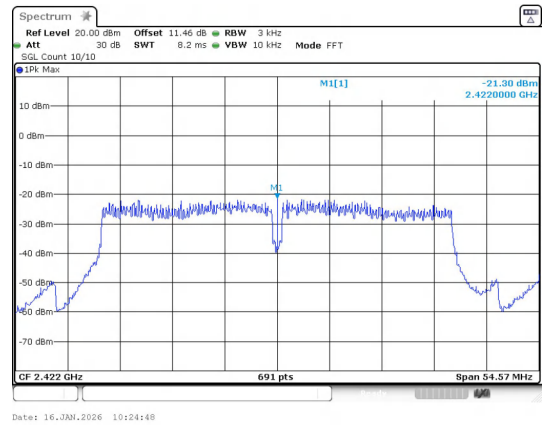
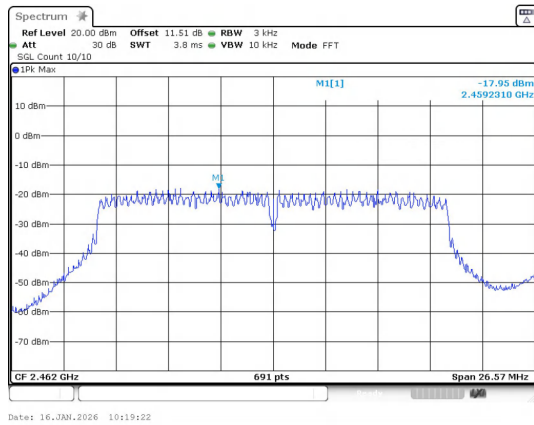
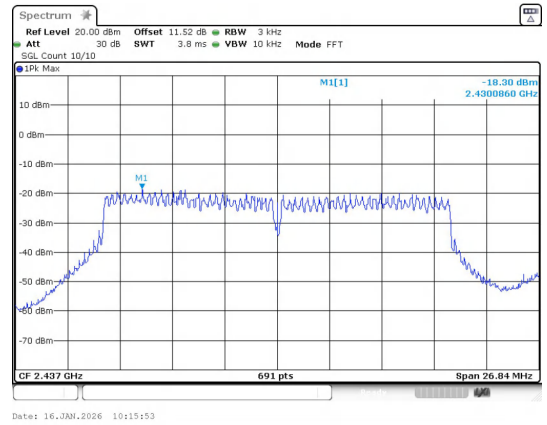
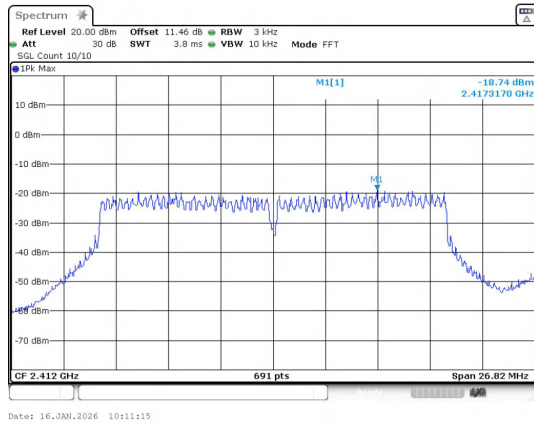
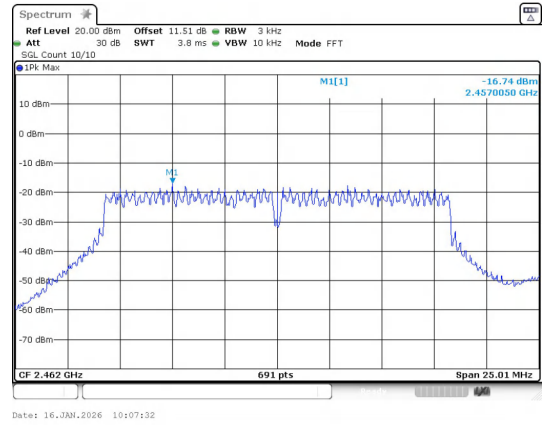
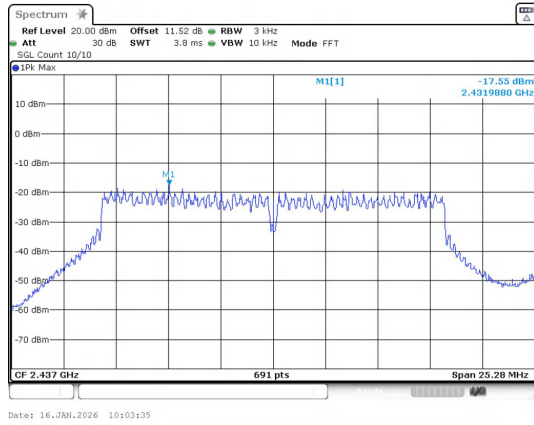
3) Power Spectral Density

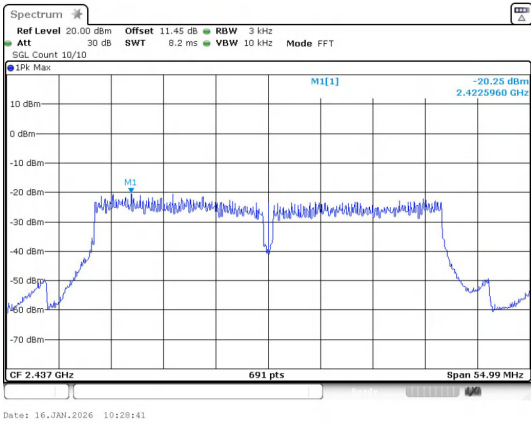
Test Result

Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Limit (dBm/MHz)	Result
IEEE 802.11b	1	-11.880	≤8	≤-17.23	PASS
	6	-11.290			PASS
	11	-11.240			PASS
IEEE 802.11g	1	-18.400			PASS
	6	-17.550			PASS
	11	-16.740			PASS
IEEE 802.11n_20	1	-18.740			PASS
	6	-18.300			PASS
	11	-17.950			PASS
IEEE 802.11n_40	3	-21.300			PASS
	6	-20.250			PASS
	9	-20.780			PASS

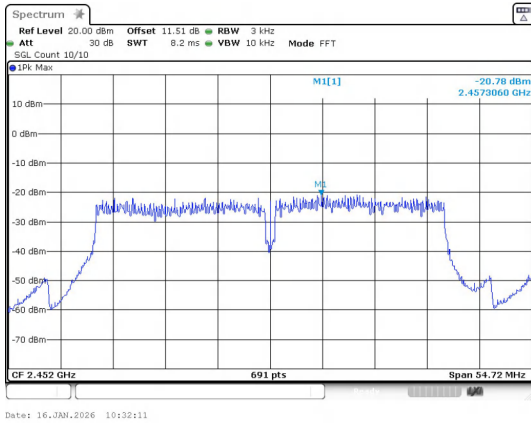
Test Graphs







IEEE 802.11n_Channel 6_40MHz_Antenna 0



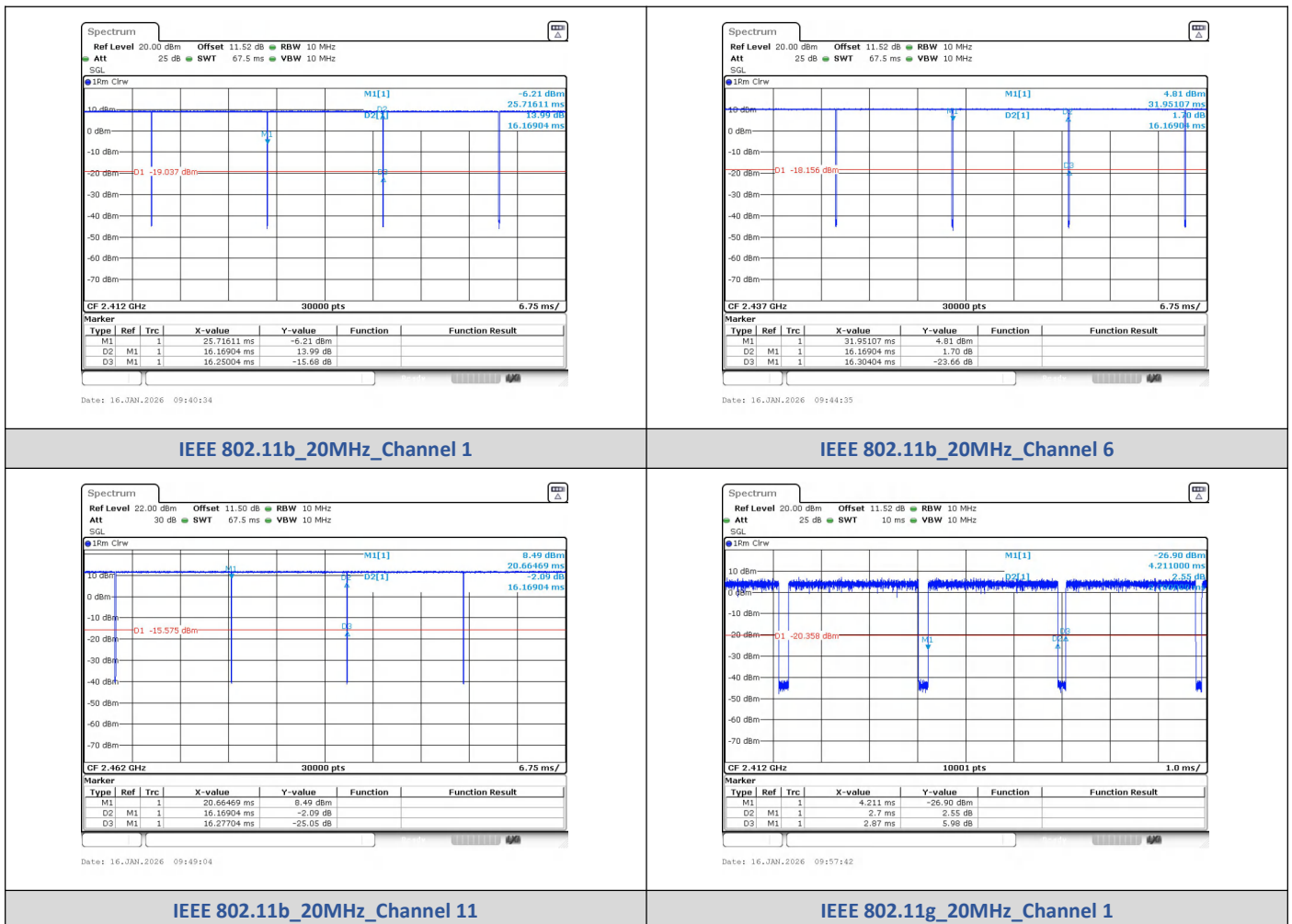
IEEE 802.11n_Channel 9_40MHz_Antenna 0

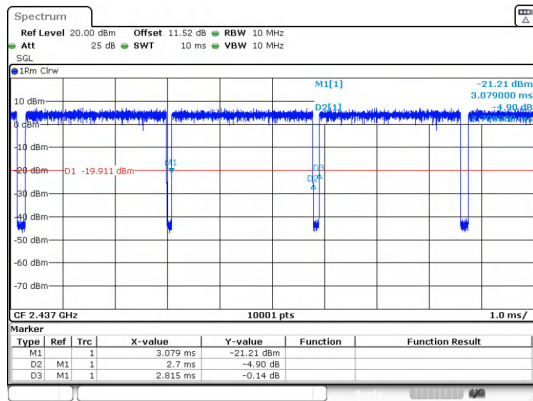
4) Duty Cycle

Test Result

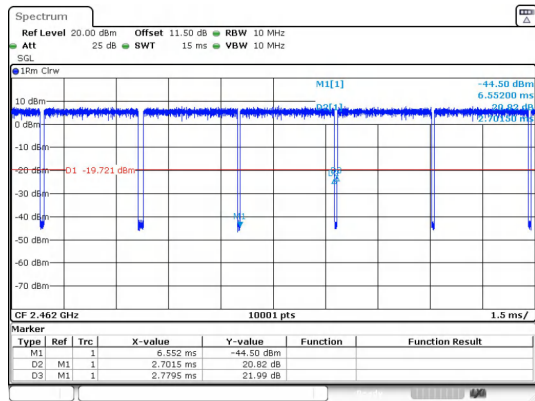
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11b	1	1	1	16.169	16.250	99.50	0.9950	0.0218	0.0618
		6		16.169	16.304	99.17	0.9917	0.0362	0.0618
		11		16.169	16.277	99.34	0.9934	0.0288	0.0618
IEEE 802.11g	1	1		2.700	2.870	94.08	0.9408	0.265	0.3704
		6		2.700	2.815	95.91	0.9591	0.1814	0.3704
		11		2.702	2.779	97.19	0.9719	0.1238	0.3701
IEEE 802.11n_20	MCS 0	1		2.514	2.717	92.55	0.9255	0.3362	0.3978
		6		2.512	2.681	93.70	0.9370	0.2826	0.3981
		11		2.512	2.718	92.42	0.9242	0.3423	0.3981
IEEE 802.11n_40	MCS 0	3		1.223	1.362	89.77	0.8977	0.4687	0.8177
		6		1.222	1.397	87.45	0.8745	0.5824	0.8183
		9		1.233	1.440	85.62	0.8562	0.6742	0.8110

Test Graphs

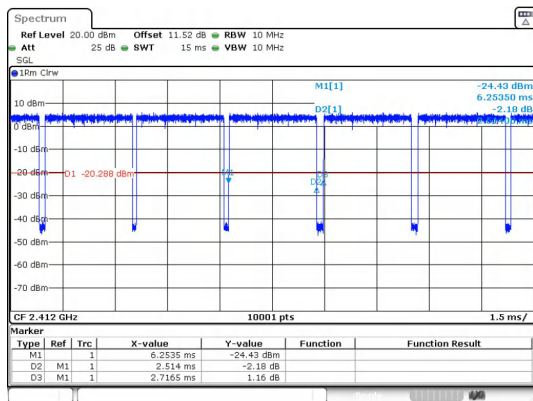




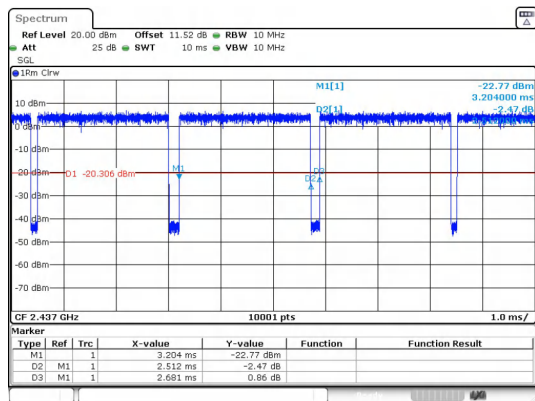
IEEE 802.11g_20MHz_Channel 6



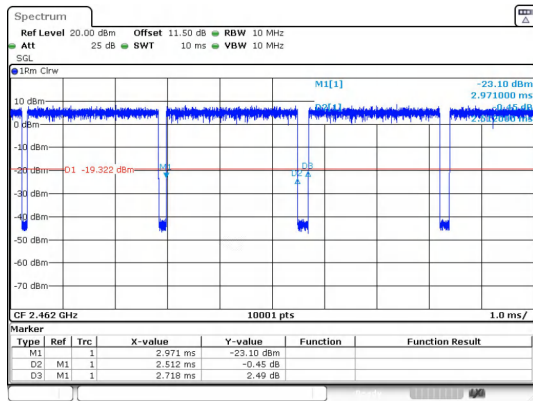
IEEE 802.11g_20MHz_Channel 11



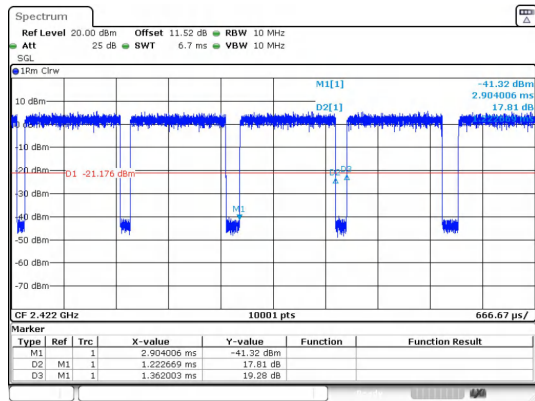
IEEE 802.11n_20MHz_Channel 1



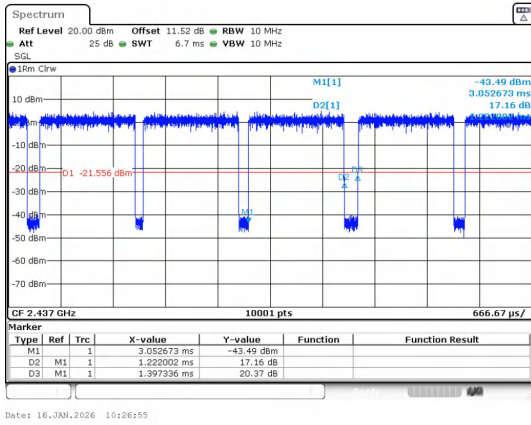
IEEE 802.11n_20MHz_Channel 6



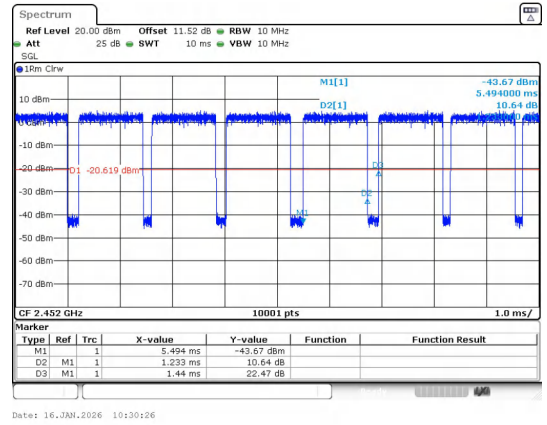
IEEE 802.11n_20MHz_Channel 11



IEEE 802.11n_40MHz_Channel 3



IEEE 802.11n_40MHz_Channel 6



IEEE 802.11n_40MHz_Channel 9

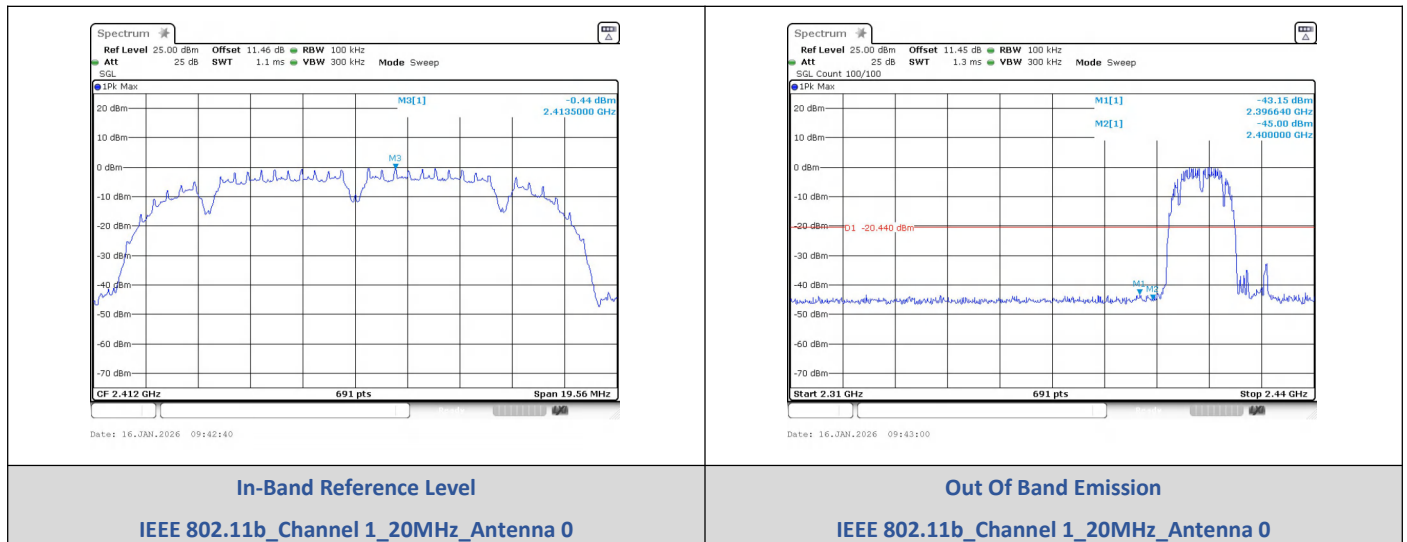
5) Conducted Spurious & Band Edge Emission

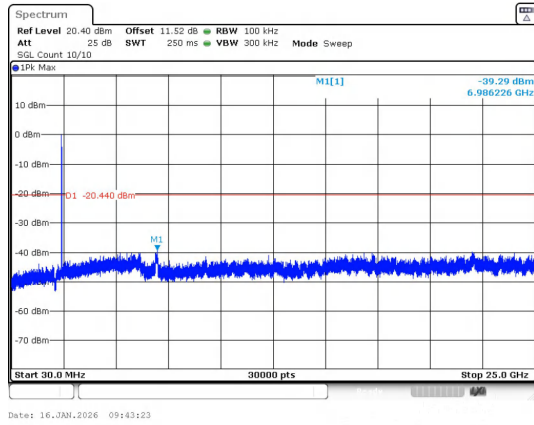
Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	
IEEE 802.11b	1	0	2396.64	-43.148	-20.44	-22.708	PASS	
			2400.00	-45.000	-20.44	-24.560	PASS	
			6986.20	-39.286	-20.44	-18.846	PASS	
	6		6189.68	-40.316	-19.08	-21.236	PASS	
			11	2483.50	-43.590	-17.77	-25.820	PASS
				6910.48	-39.492	-17.77	-21.722	PASS
IEEE 802.11g	1			2400.00	-42.480	-25.23	-17.250	PASS
			6926.30	-39.600	-25.23	-14.370	PASS	
	6		22084.8	-38.696	-24.64	-14.056	PASS	
			11	2483.50	-43.470	-24.32	-19.150	PASS
				6938.78	-39.092	-24.32	-14.772	PASS
IEEE 802.11n_20	1		2400.00	-43.100	-25.56	-17.540	PASS	
			6973.74	-39.246	-25.56	-13.686	PASS	
	6		6934.62	-38.716	-24.78	-13.936	PASS	
			11	2483.50	-44.680	-24.83	-19.850	PASS
				6927.13	-38.638	-24.83	-13.808	PASS
IEEE 802.11n_40	3		2397.76	-43.044	-26.57	-16.474	PASS	
			2400.00	-43.410	-26.57	-16.840	PASS	
			6977.10	-39.408	-26.57	-12.838	PASS	
	6		6971.24	-38.976	-25.76	-13.216	PASS	
			9	2483.50	-43.550	-25.7	-17.850	PASS
	15981.3			-39.659	-25.7	-13.959	PASS	
Note: input compensation coefficient (dB)= Cable Loss (dB)								

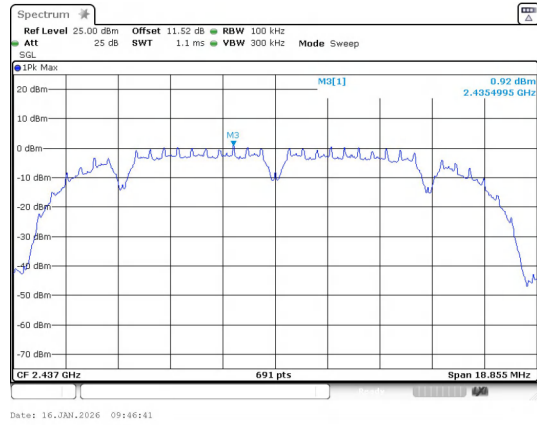
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

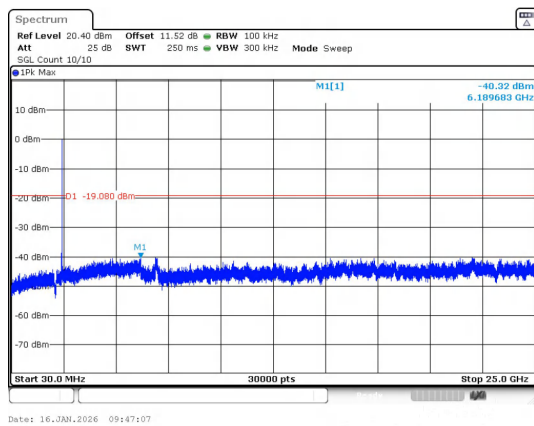




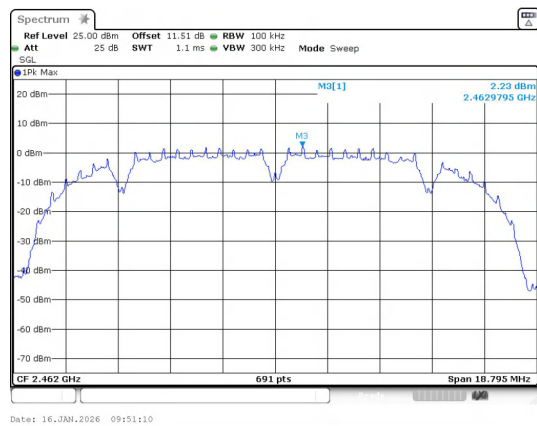
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0



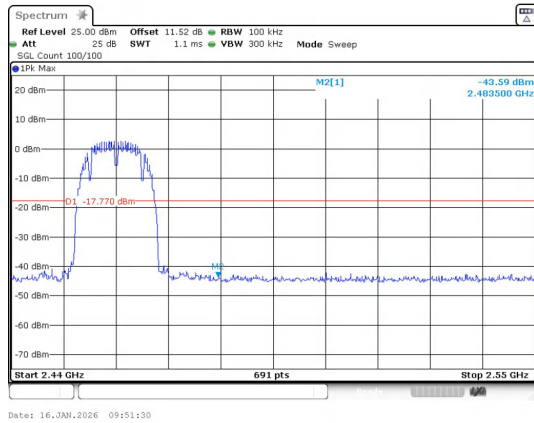
In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0



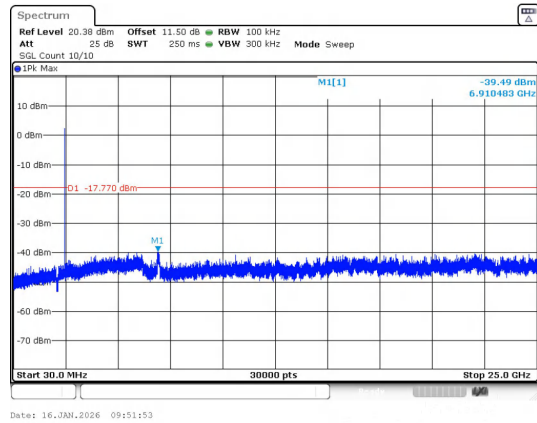
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0



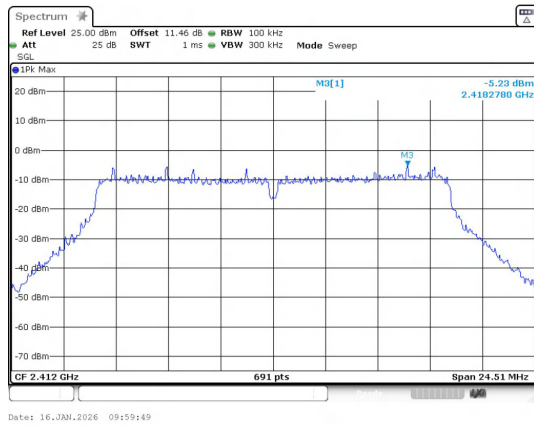
In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



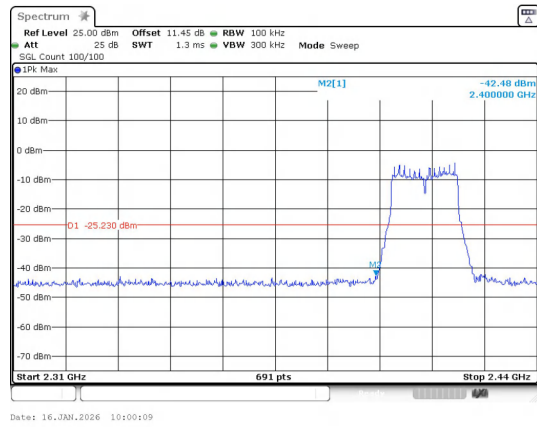
Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



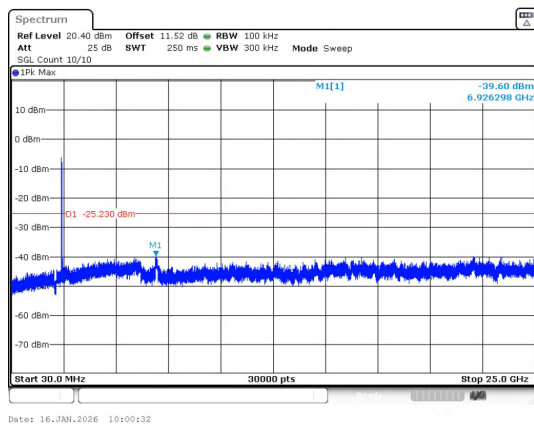
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0



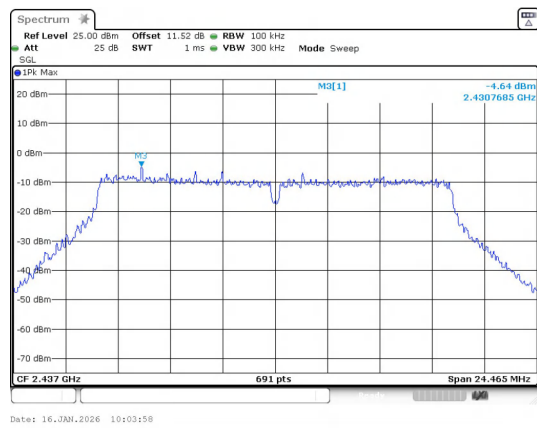
In-Band Reference Level
IEEE 802.11g_Channel 1_20MHz_Antenna 0



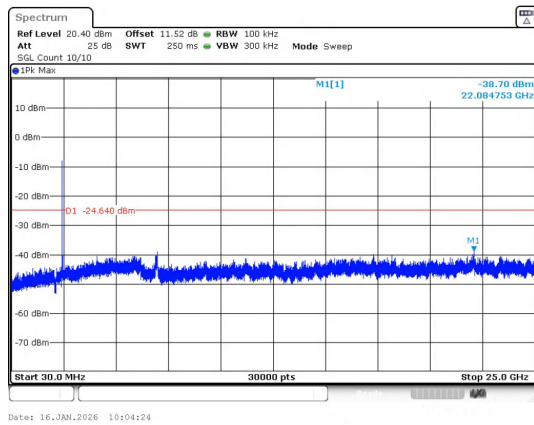
Out Of Band Emission
IEEE 802.11g_Channel 1_20MHz_Antenna 0



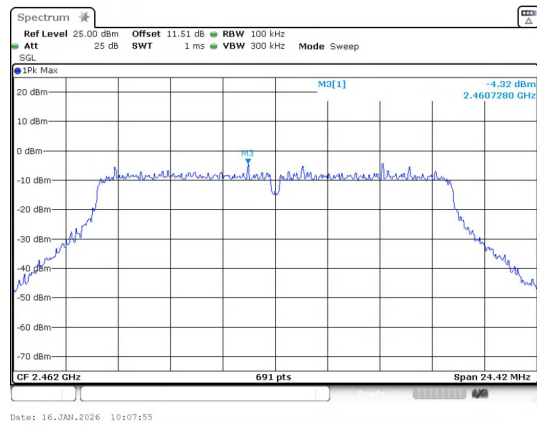
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 1_20MHz_Antenna 0



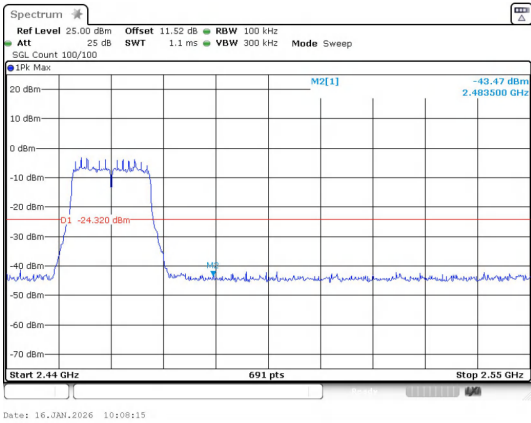
In-Band Reference Level
IEEE 802.11g_Channel 6_20MHz_Antenna 0



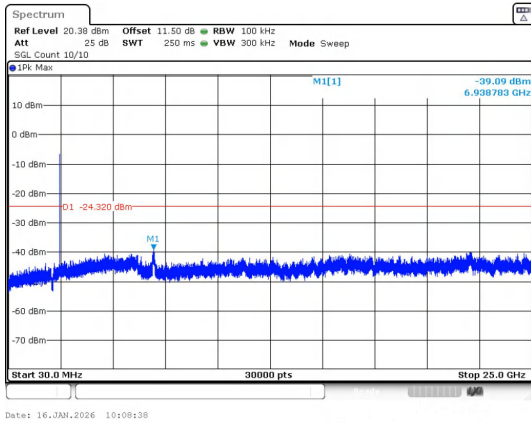
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 6_20MHz_Antenna 0



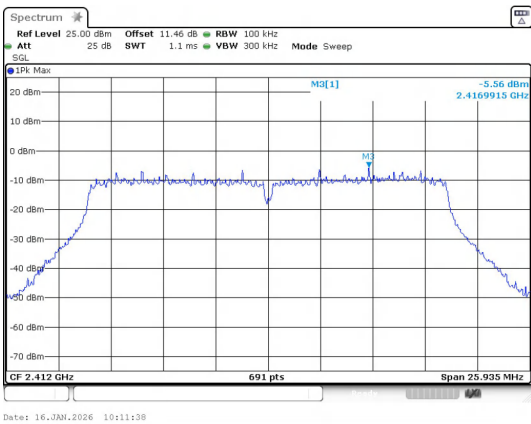
In-Band Reference Level
IEEE 802.11g_Channel 11_20MHz_Antenna 0



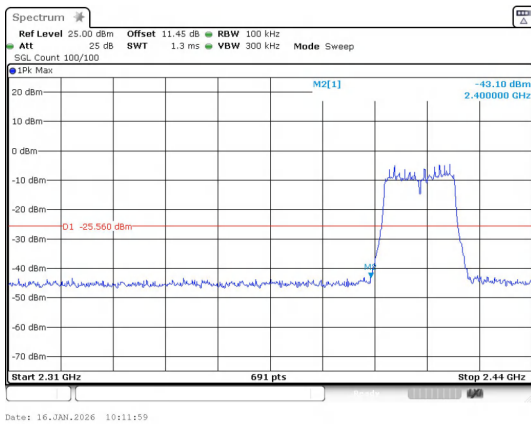
Out Of Band Emission
IEEE 802.11g_Channel 11_20MHz_Antenna 0



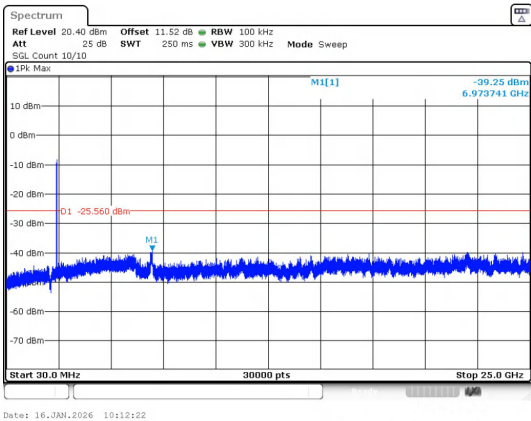
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 11_20MHz_Antenna 0



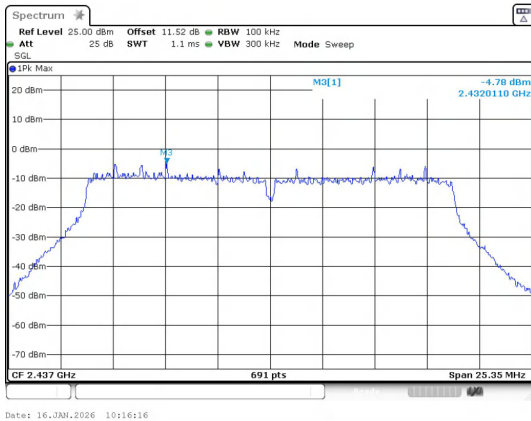
In-Band Reference Level
IEEE 802.11n_Channel 1_20MHz_Antenna 0



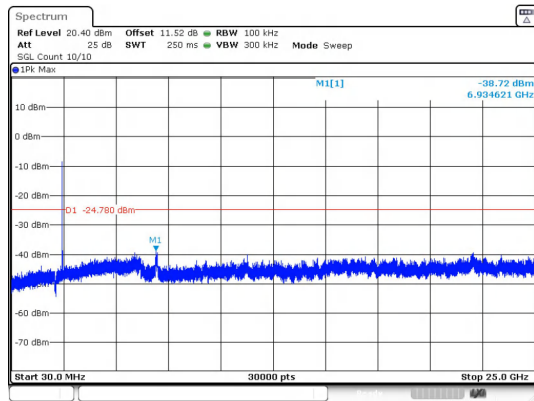
Out Of Band Emission
IEEE 802.11n_Channel 1_20MHz_Antenna 0



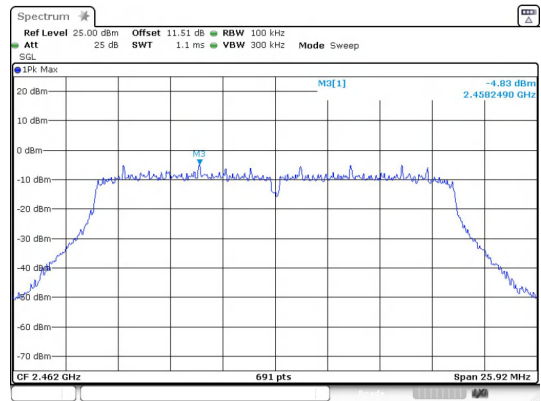
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 1_20MHz_Antenna 0



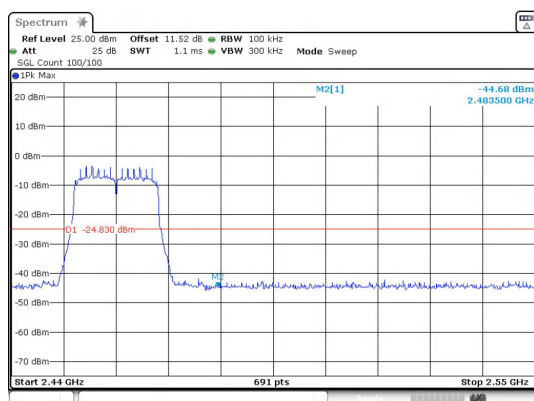
In-Band Reference Level
IEEE 802.11n_Channel 6_20MHz_Antenna 0



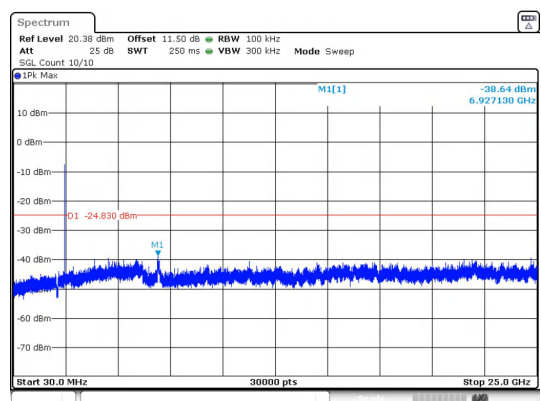
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 6_20MHz_Antenna 0



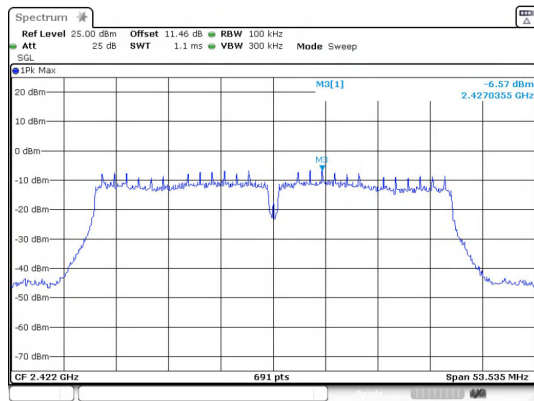
In-Band Reference Level
IEEE 802.11n_Channel 11_20MHz_Antenna 0



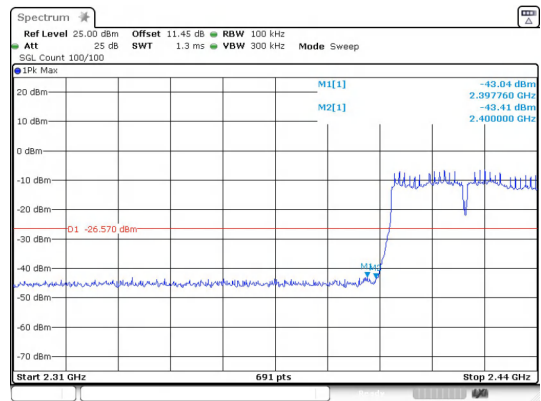
Out Of Band Emission
IEEE 802.11n_Channel 11_20MHz_Antenna 0



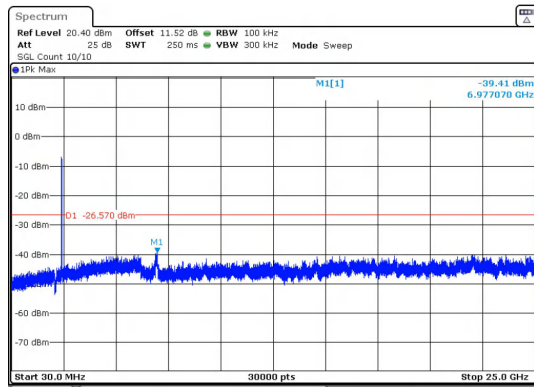
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 11_20MHz_Antenna 0



In-Band Reference Level
IEEE 802.11n_Channel 3_40MHz_Antenna 0

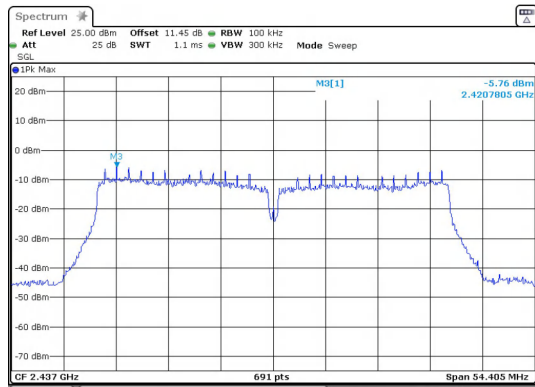


Out Of Band Emission
IEEE 802.11n_Channel 3_40MHz_Antenna 0



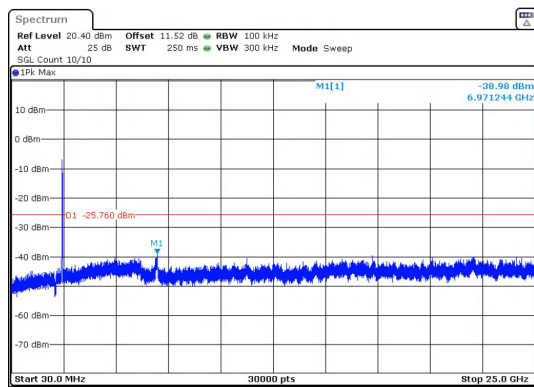
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30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 3_40MHz_Antenna 0



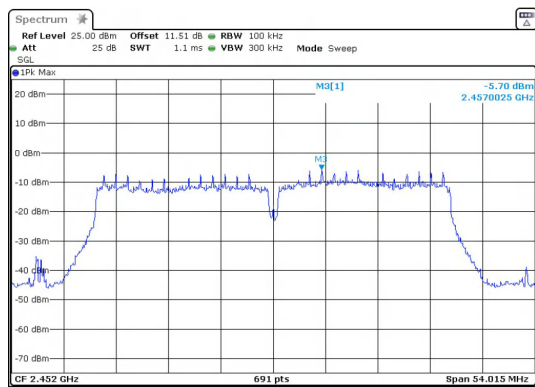
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In-Band Reference Level
IEEE 802.11n_Channel 6_40MHz_Antenna 0



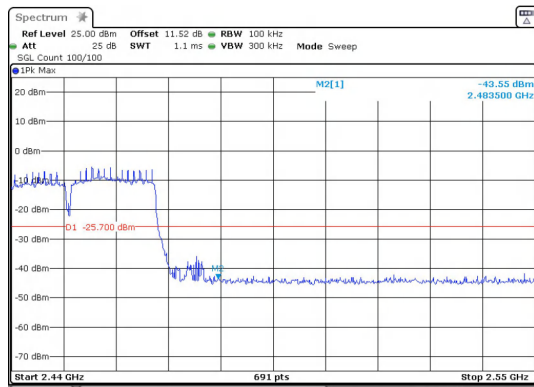
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30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 6_40MHz_Antenna 0



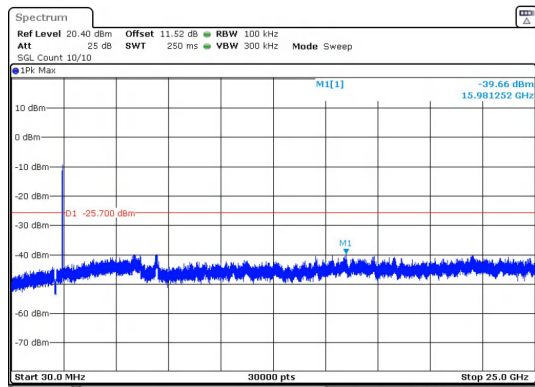
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In-Band Reference Level
IEEE 802.11n_Channel 9_40MHz_Antenna 0



Date: 16.JAN.2026 10:32:54

Out Of Band Emission
IEEE 802.11n_Channel 9_40MHz_Antenna 0



Date: 16.JAN.2026 10:33:17

30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 9_40MHz_Antenna 0