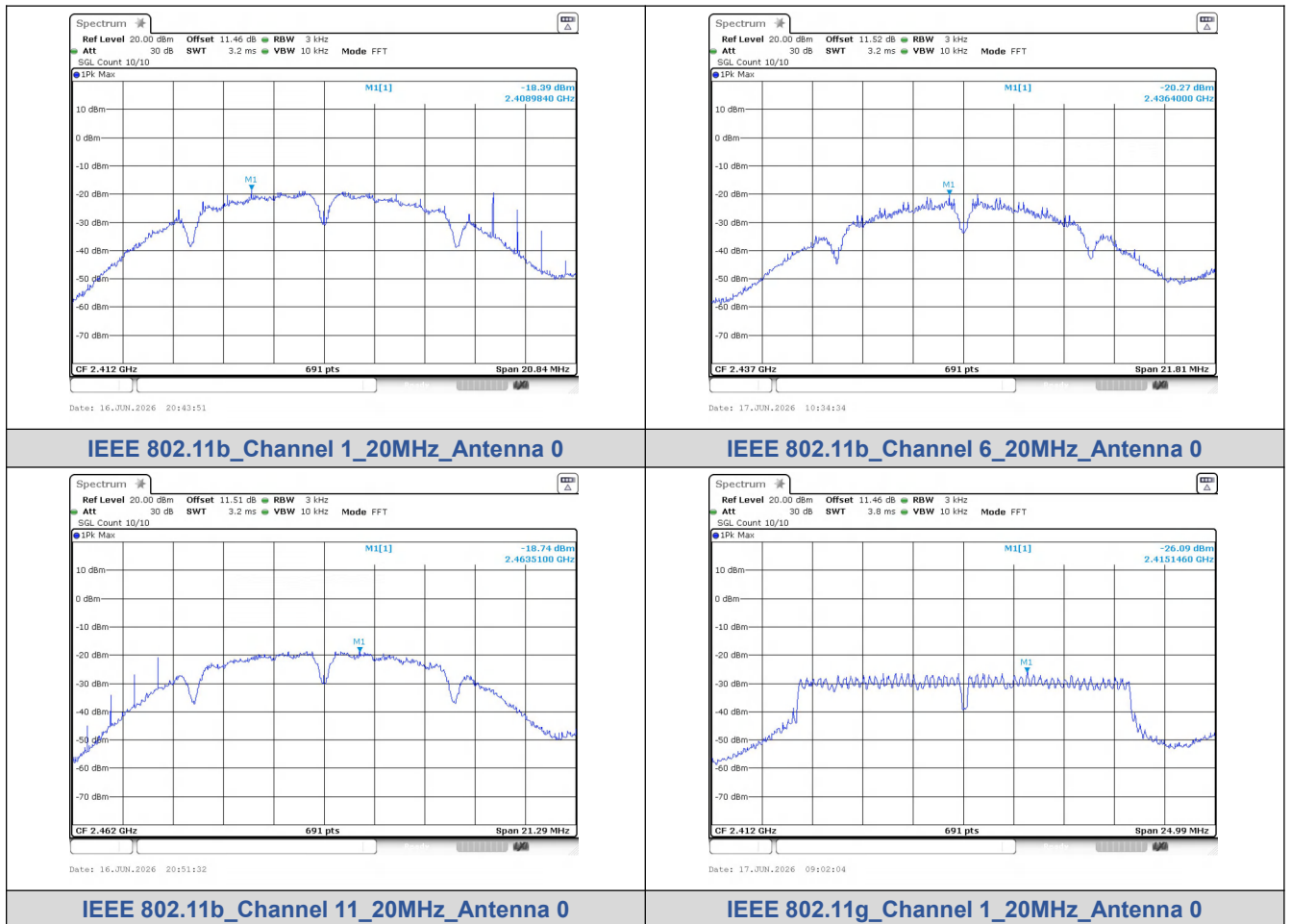


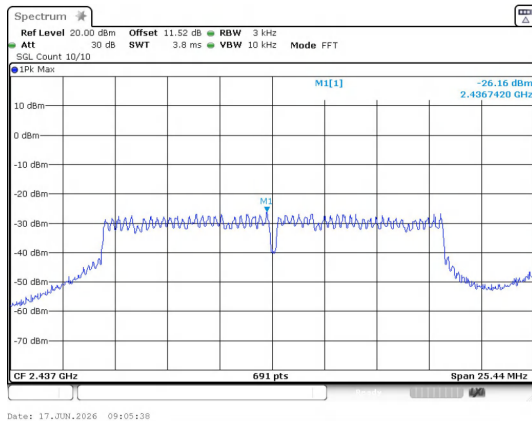
7.2. Power Spectral Density

Test Result

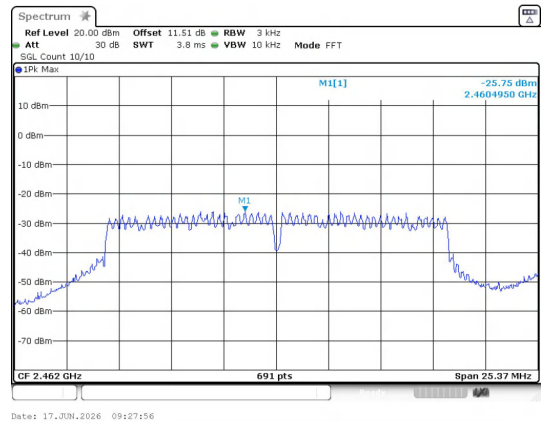
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-18.39	≤8	PASS
	6	-20.27		PASS
	11	-18.74		PASS
IEEE 802.11g	1	-26.09		PASS
	6	-26.16		PASS
	11	-25.75		PASS
IEEE 802.11n_20	1	-26.01		PASS
	6	-25.96		PASS
	11	-25.56		PASS
IEEE 802.11n_40	3	-27.04		PASS
	6	-30.20		PASS
	9	-26.49		PASS

Test Graphs

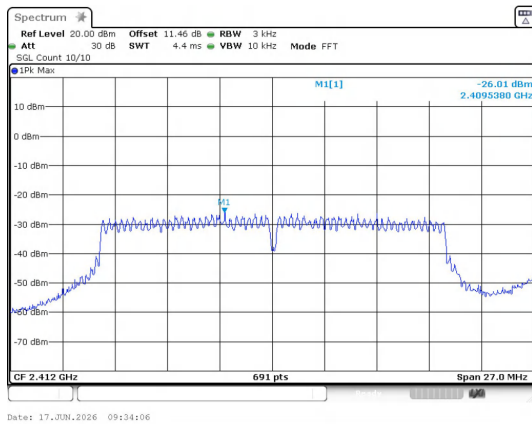




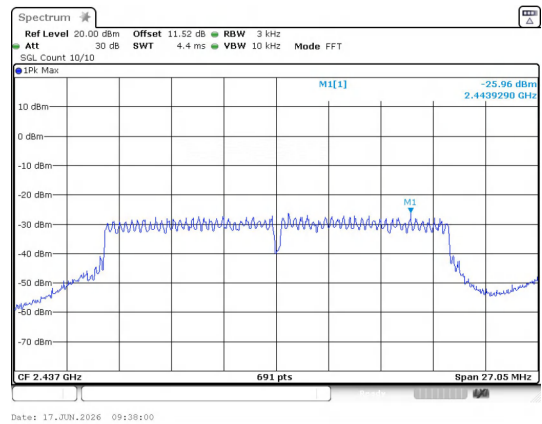
IEEE 802.11g_Channel 6_20MHz_Antenna 0



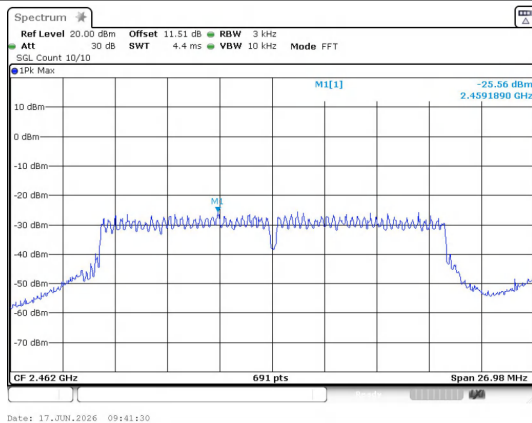
IEEE 802.11g_Channel 11_20MHz_Antenna 0



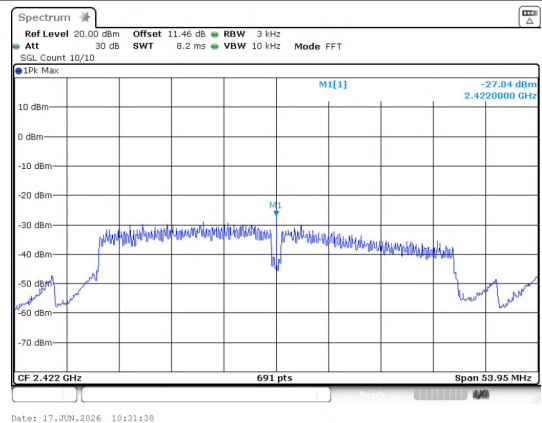
IEEE 802.11n_Channel 1_20MHz_Antenna 0



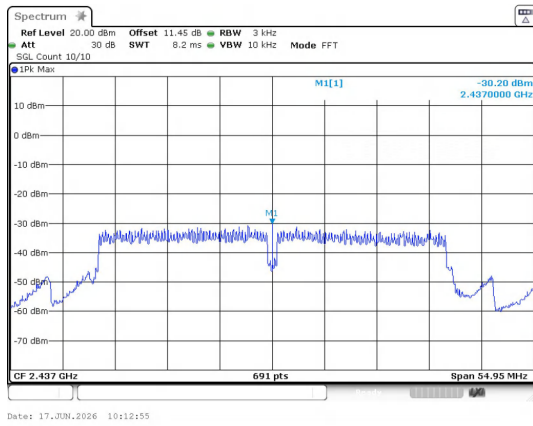
IEEE 802.11n_Channel 6_20MHz_Antenna 0



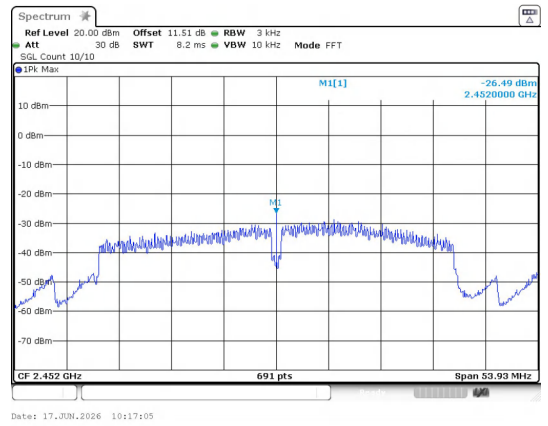
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



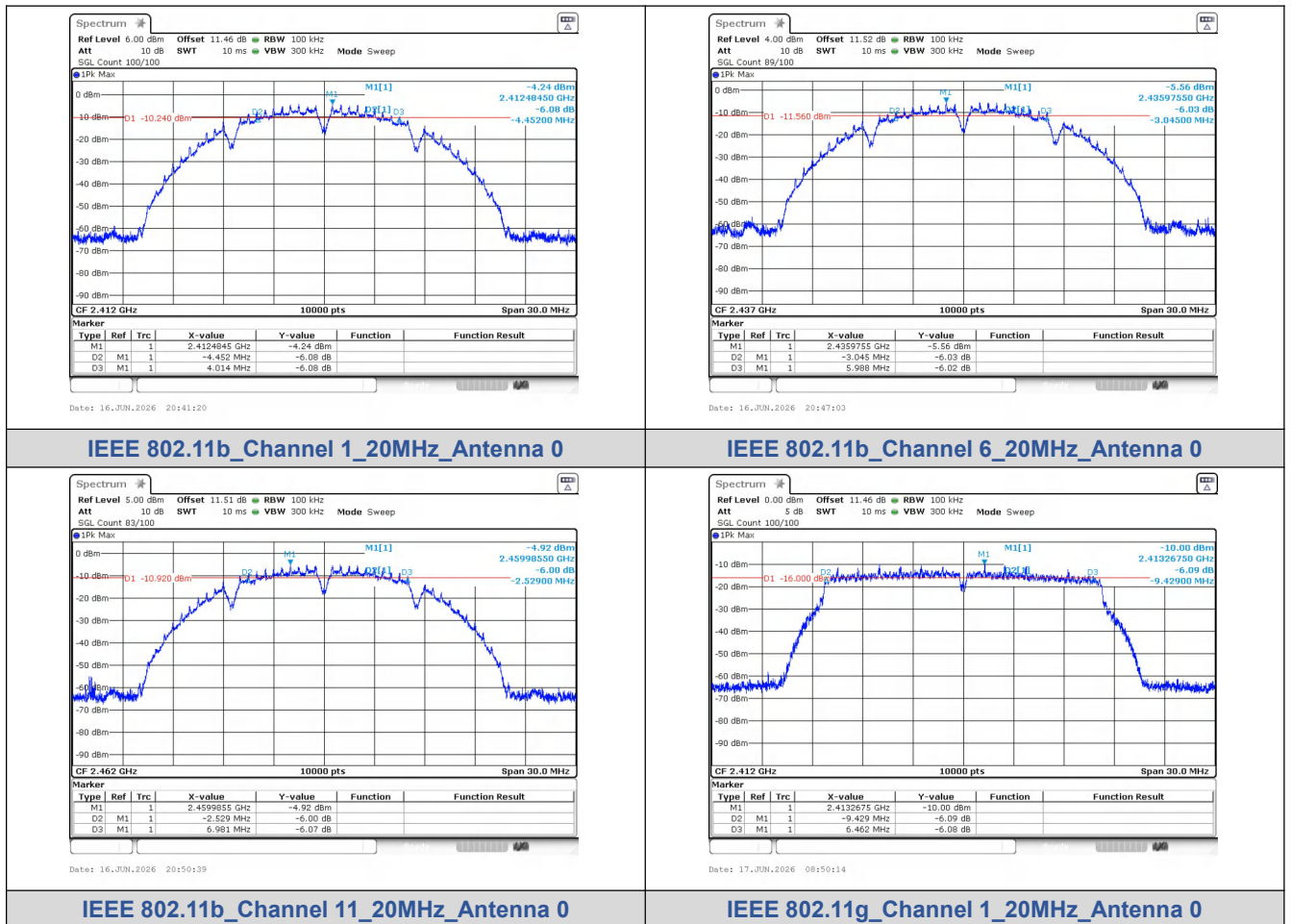
IEEE 802.11n_Channel 9_40MHz_Antenna 0

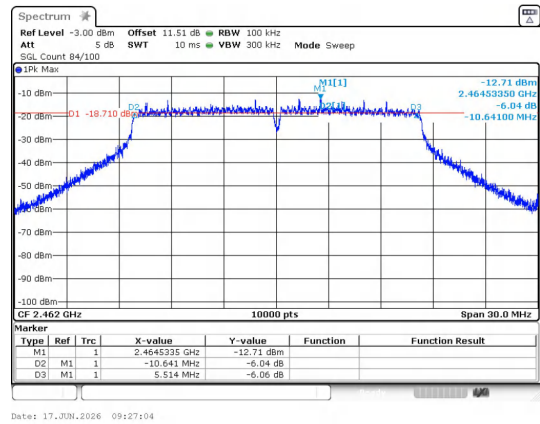
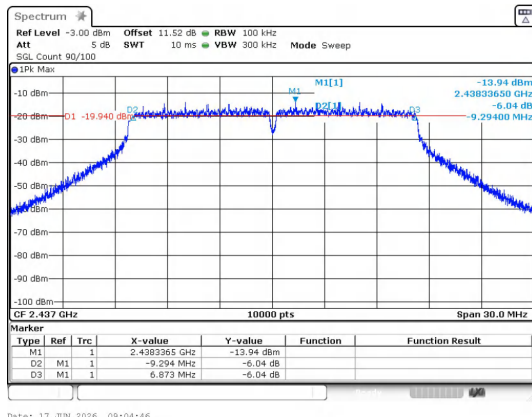
7.3. 6dB Bandwidth

Test Result

Mode	Channel	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b	1	0	2412	8.470	≥0.5	PASS
	6		2437	9.030		PASS
	11		2462	9.510		PASS
IEEE 802.11g	1		2412	15.89		PASS
	6		2437	16.17		PASS
	11		2462	16.16		PASS
IEEE 802.11n_20	1		2412	17.03		PASS
	6		2437	17.24		PASS
	11		2462	17.36		PASS
IEEE 802.11n_40	3		2422	31.49		PASS
	6		2437	35.53		PASS
	9		2452	30.00		PASS

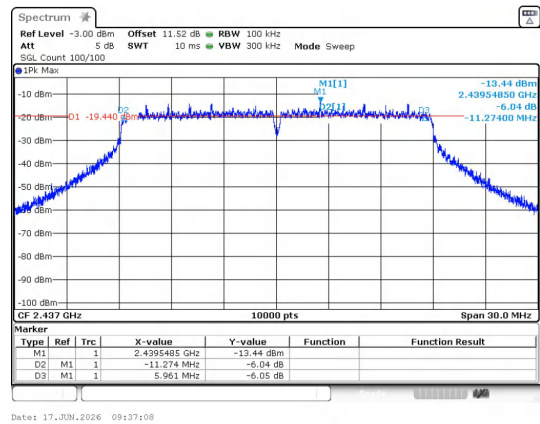
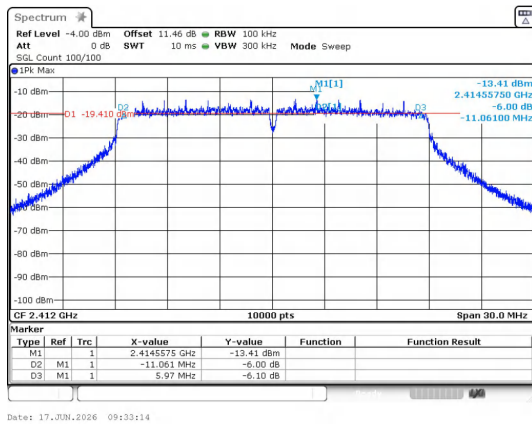
Test Graphs





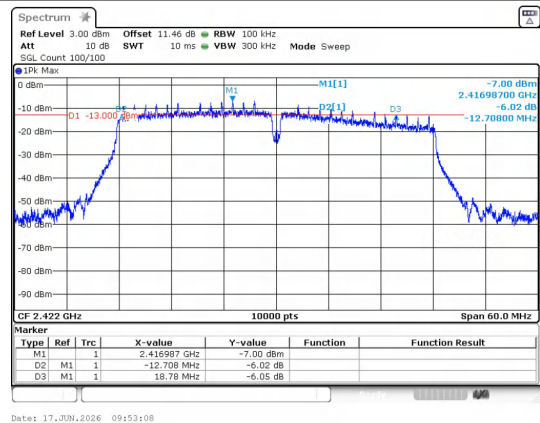
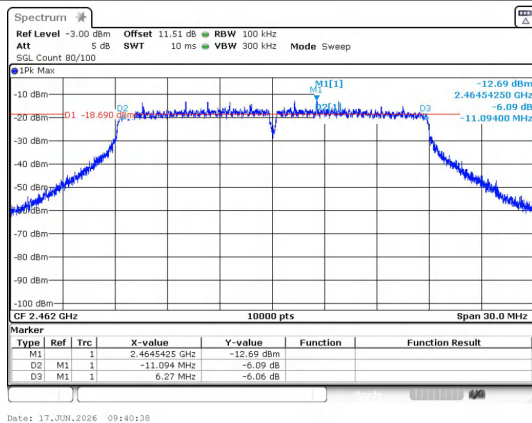
IEEE 802.11g_Channel 6_20MHz_Antenna 0

IEEE 802.11g_Channel 11_20MHz_Antenna 0



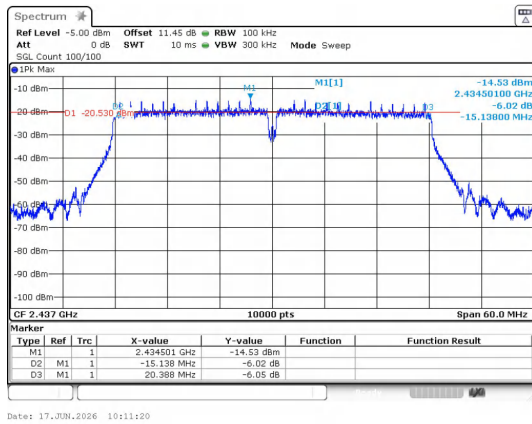
IEEE 802.11n_Channel 1_20MHz_Antenna 0

IEEE 802.11n_Channel 6_20MHz_Antenna 0

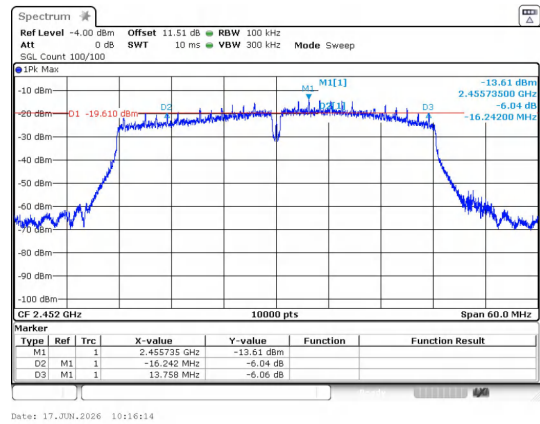


IEEE 802.11n_Channel 11_20MHz_Antenna 0

IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



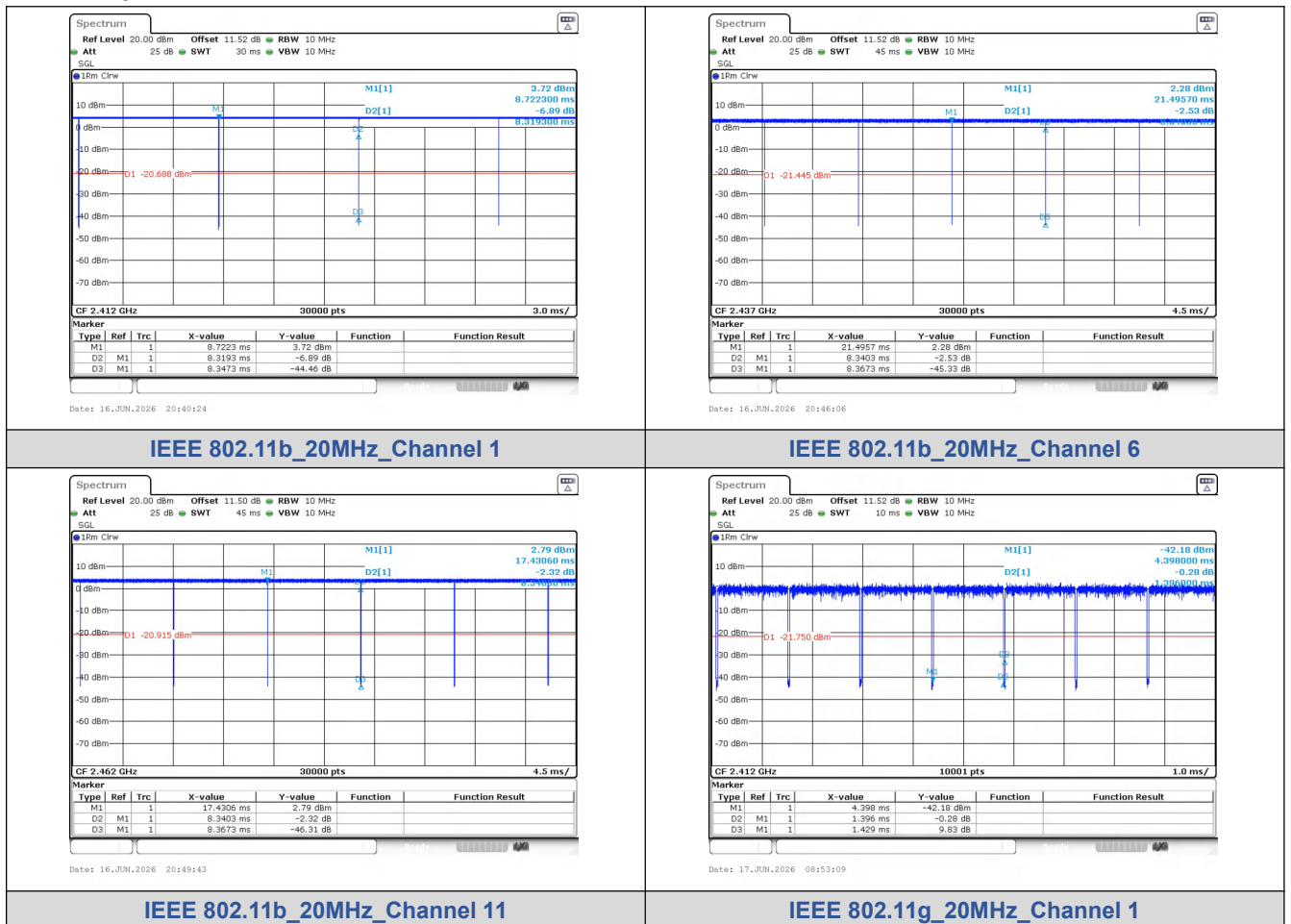
IEEE 802.11n_Channel 9_40MHz_Antenna 0

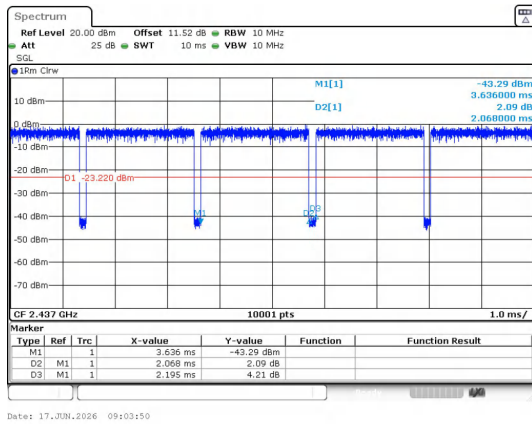
7.4. Duty Cycle

Test Result

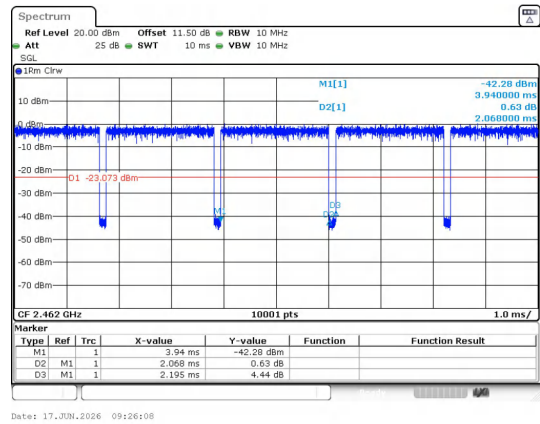
Mode	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11b	1	1	8.319	8.347	99.66	0.9966	0.0148	0.1202
	6		8.340	8.367	99.68	0.9968	0.0139	0.1199
	11		8.340	8.367	99.68	0.9968	0.0139	0.1199
IEEE 802.11g	1		1.396	1.429	97.69	0.9769	0.1015	0.7163
	6		2.068	2.195	94.21	0.9421	0.259	0.4836
	11		2.068	2.195	94.21	0.9421	0.259	0.4836
IEEE 802.11n_20	1		1.924	2.051	93.81	0.9381	0.2775	0.5198
	6		1.924	2.051	93.81	0.9381	0.2775	0.5198
	11		1.924	2.051	93.81	0.9381	0.2775	0.5198
IEEE 802.11n_40	3		0.650	0.685	94.89	0.9489	0.2278	1.5385
	6		0.650	0.684	95.03	0.9503	0.2214	1.5385
	9		0.650	0.684	95.03	0.9503	0.2214	1.5385

Test Graphs

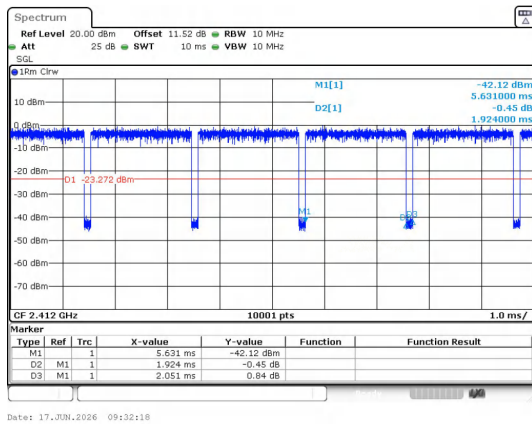




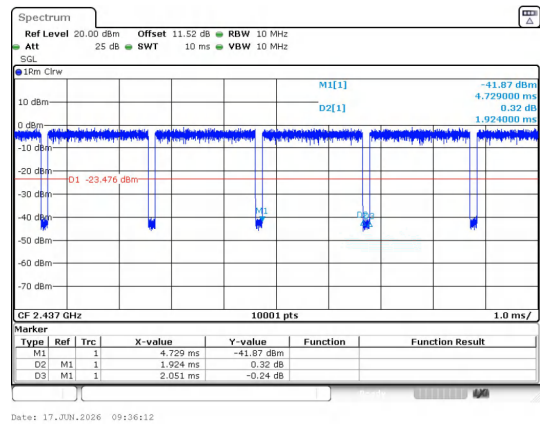
IEEE 802.11g_20MHz_Channel 6



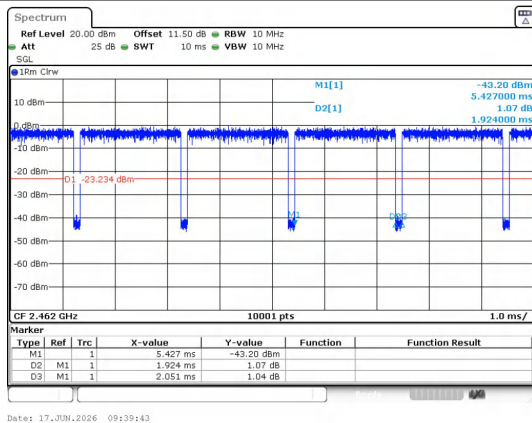
IEEE 802.11g_20MHz_Channel 11



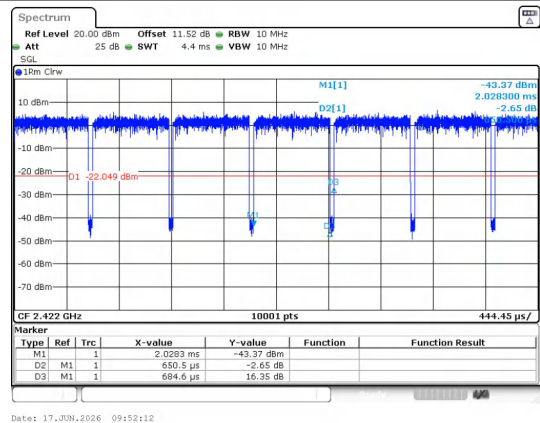
IEEE 802.11n_20MHz_Channel 1



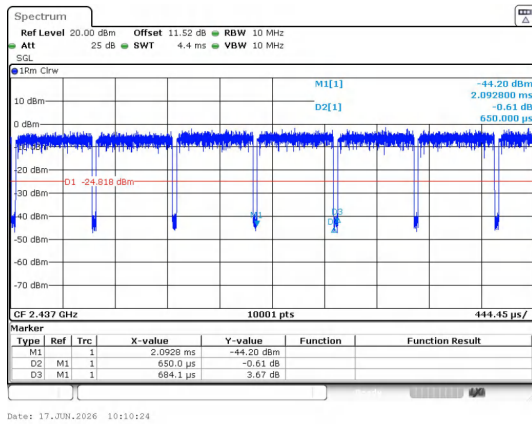
IEEE 802.11n_20MHz_Channel 6



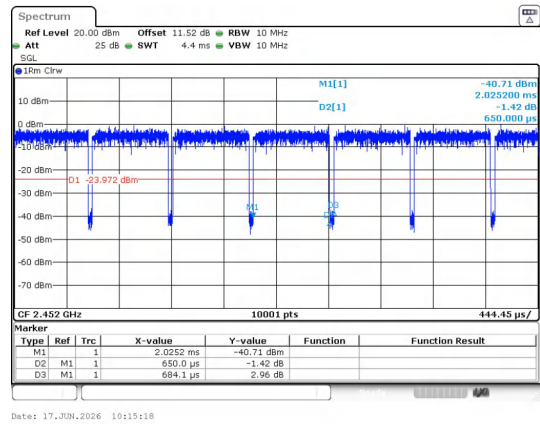
IEEE 802.11n_20MHz_Channel 11



IEEE 802.11n_40MHz_Channel 3



IEEE 802.11n_40MHz_Channel 6



IEEE 802.11n_40MHz_Channel 9

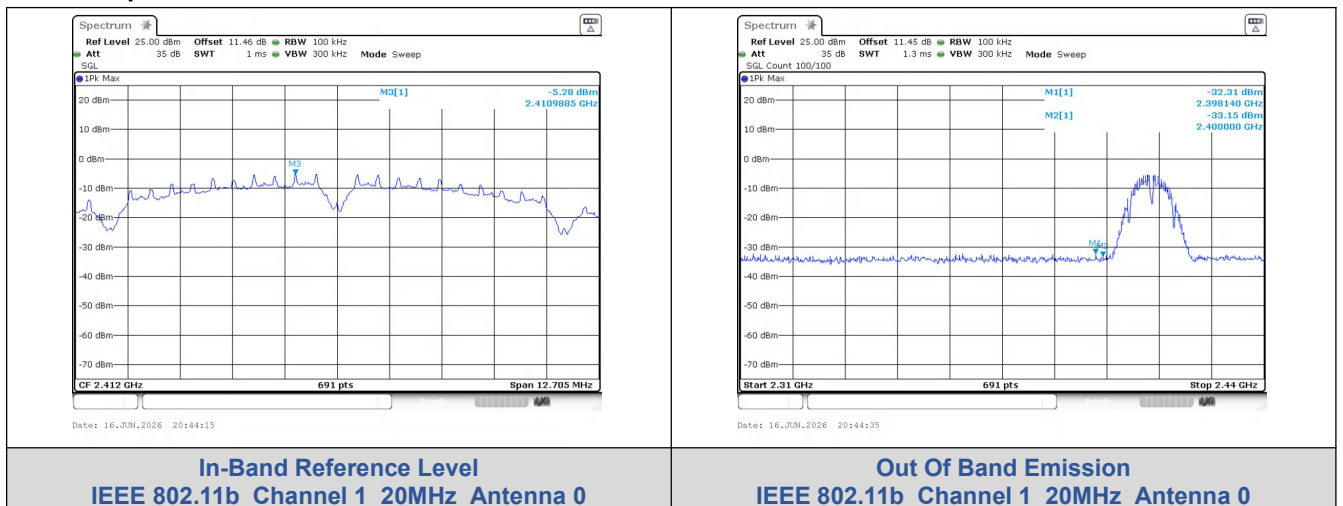
7.5. Conducted Spurious & Band Edge Emission

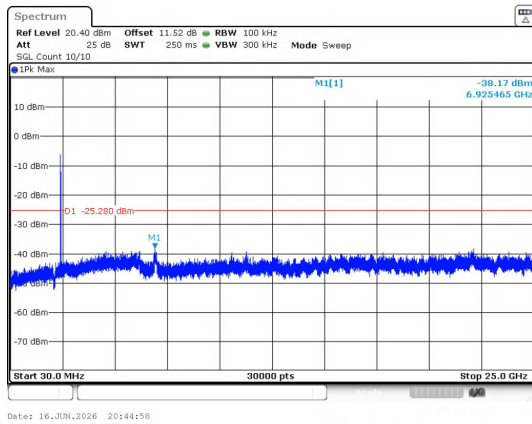
Test Result

Mode	Channel	Ant.	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result
IEEE 802.11b	1	0	2398.14	-32.305	-25.28	-7.025	PASS
			2400.00	-33.150	-25.28	-7.870	PASS
			6925.50	-38.170	-25.28	-12.890	PASS
	6		705.44	-25.739	-25.25	-0.489	PASS
	11		2483.50	-34.110	-24.51	-9.600	PASS
			6899.66	-37.414	-24.51	-12.904	PASS
IEEE 802.11g	1		2396.82	-41.900	-33.01	-8.890	PASS
			2400.00	-42.740	-33.01	-9.730	PASS
			6893.80	-38.732	-33.01	-5.722	PASS
	6		6938.78	-38.038	-33.56	-4.478	PASS
	11		2387.98	-41.997	-32.77	-9.227	PASS
			2400.00	-44.950	-32.77	-12.180	PASS
IEEE 802.11n_20	1		22039.0	-37.846	-32.77	-5.076	PASS
			2378.76	-42.090	-33.21	-8.880	PASS
			2400.00	-42.670	-33.21	-9.460	PASS
	6		6945.40	-37.917	-33.21	-4.707	PASS
	11		22024.0	-38.209	-33.58	-4.629	PASS
			2370.30	-41.917	-32.82	-9.097	PASS
IEEE 802.11n_40	3		2400.00	-43.840	-32.82	-11.020	PASS
			23344.1	-38.821	-32.82	-6.001	PASS
			2345.65	-40.880	-33.48	-7.400	PASS
	6		2400.00	-43.560	-33.48	-10.080	PASS
	9		6983.70	-38.251	-33.48	-4.771	PASS
			22052.3	-36.969	-36.21	-0.759	PASS
2337.56			-41.561	-33.8	-7.761	PASS	
IEEE 802.11n_40	9		2400.00	-43.150	-33.8	-9.350	PASS
			4855.50	-37.497	-33.8	-3.697	PASS

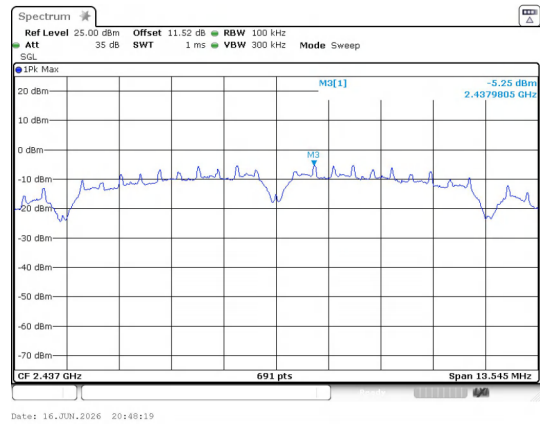
Note: input compensation coefficient (dB)= Cable Loss (dB)

Test Graphs

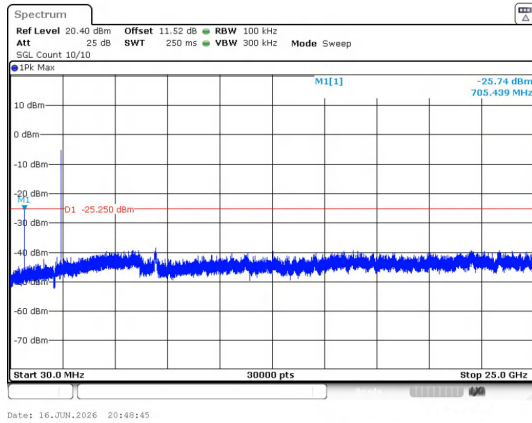




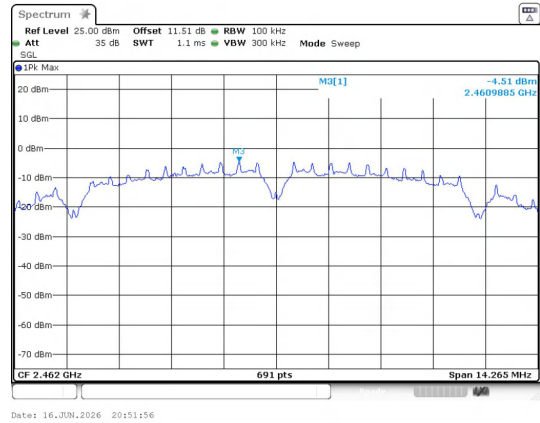
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 1_20MHz_Antenna 0



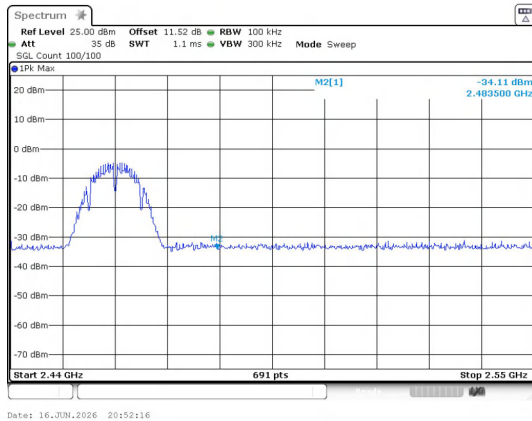
In-Band Reference Level
IEEE 802.11b_Channel 6_20MHz_Antenna 0



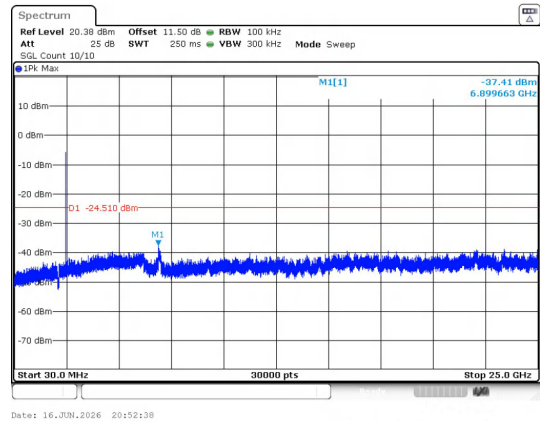
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 6_20MHz_Antenna 0



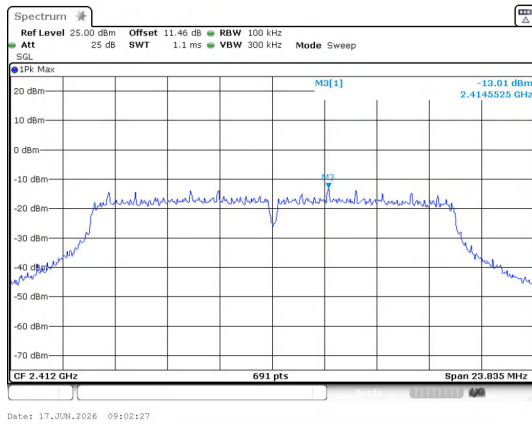
In-Band Reference Level
IEEE 802.11b_Channel 11_20MHz_Antenna 0



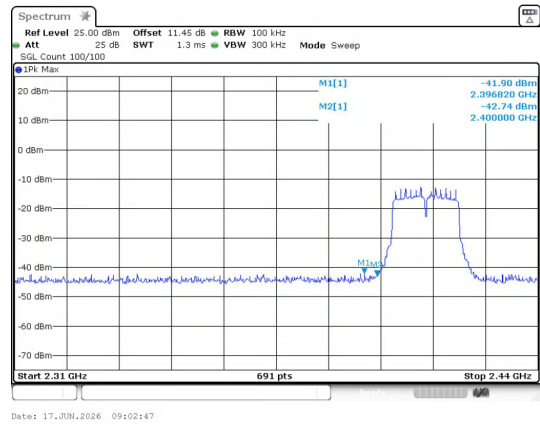
Out Of Band Emission
IEEE 802.11b_Channel 11_20MHz_Antenna 0



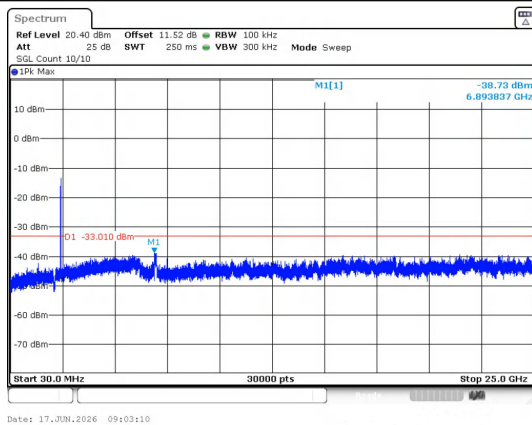
30.0 MHz - 25000.0 MHz
IEEE 802.11b_Channel 11_20MHz_Antenna 0



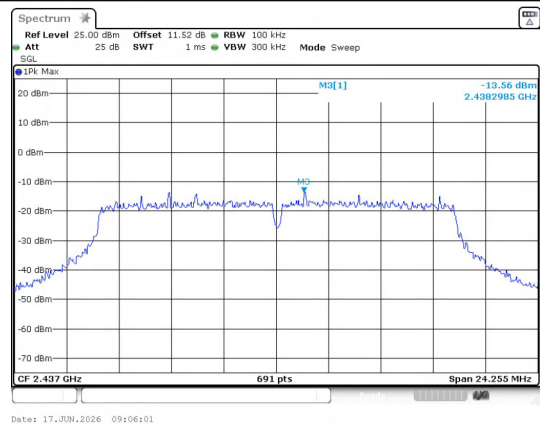
In-Band Reference Level
IEEE 802.11g_Channel 1_20MHz_Antenna 0



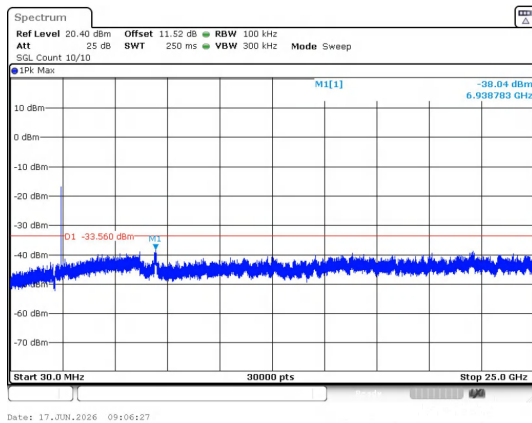
Out Of Band Emission
IEEE 802.11g_Channel 1_20MHz_Antenna 0



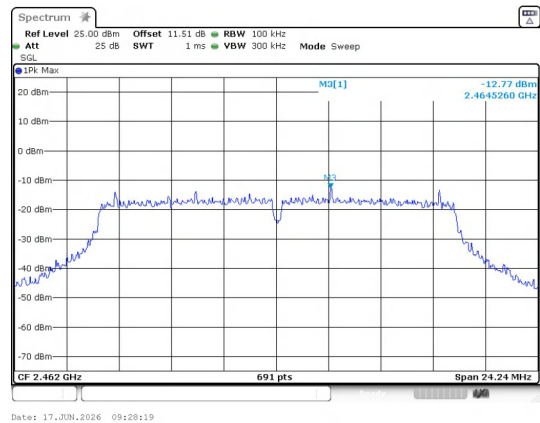
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 6_20MHz_Antenna 0



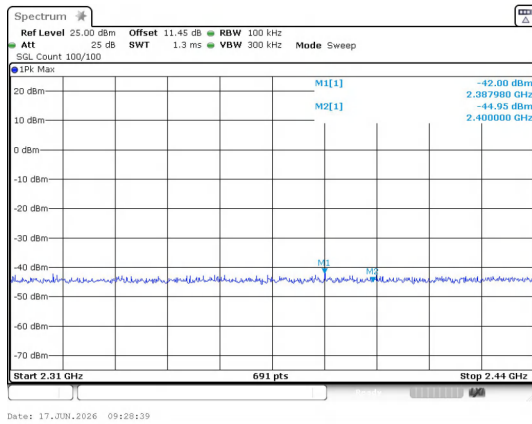
In-Band Reference Level
IEEE 802.11g_Channel 11_20MHz_Antenna 0



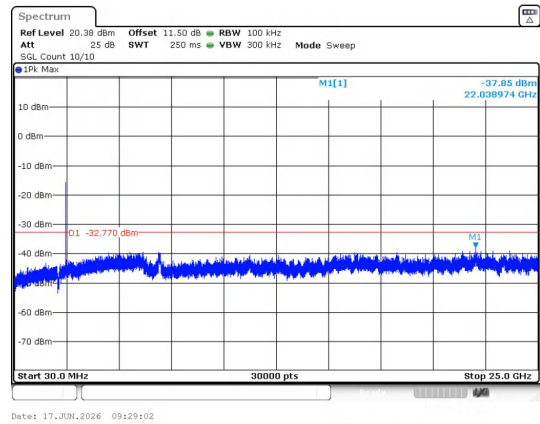
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 6_20MHz_Antenna 0



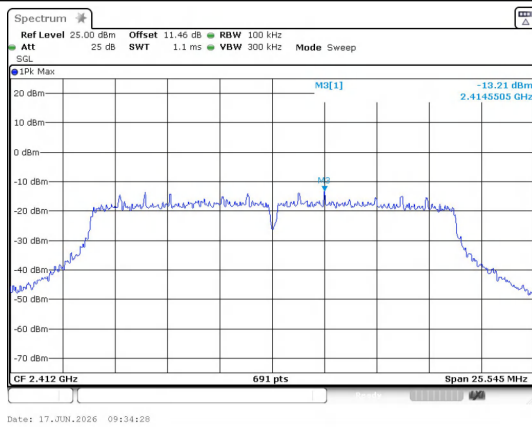
In-Band Reference Level
IEEE 802.11g_Channel 11_20MHz_Antenna 0



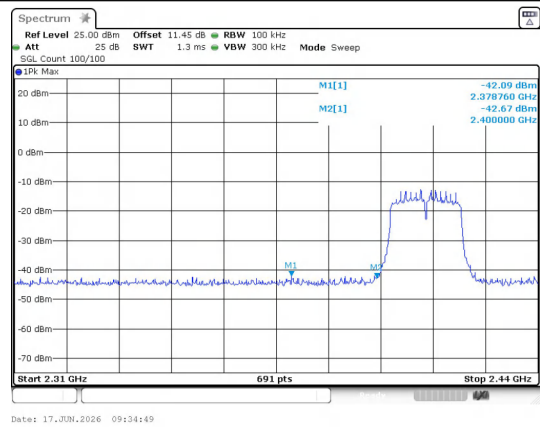
Out Of Band Emission
IEEE 802.11g_Channel 11_20MHz_Antenna 0



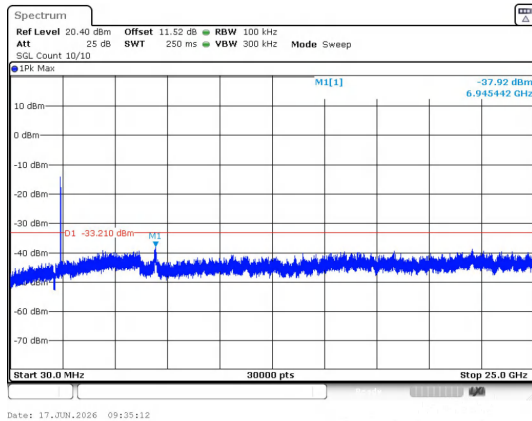
30.0 MHz - 25000.0 MHz
IEEE 802.11g_Channel 11_20MHz_Antenna 0



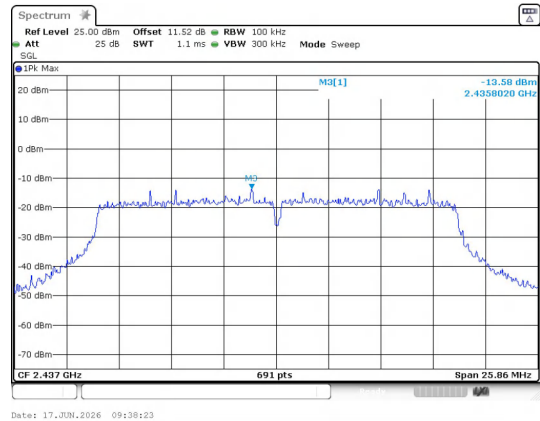
In-Band Reference Level
IEEE 802.11n_Channel 1_20MHz_Antenna 0



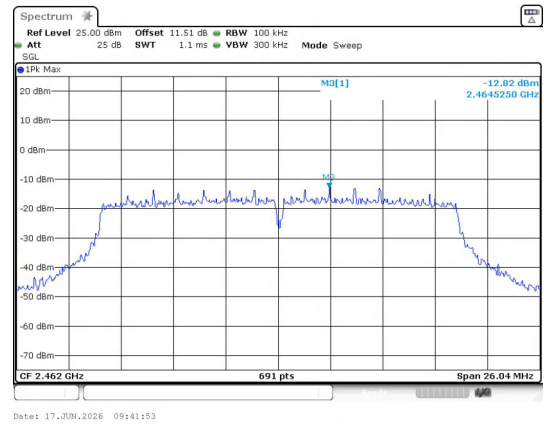
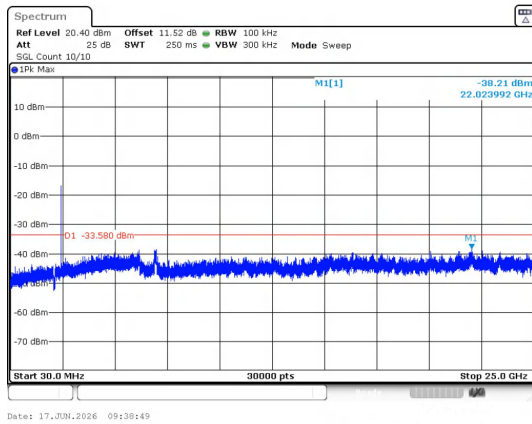
Out Of Band Emission
IEEE 802.11n_Channel 1_20MHz_Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 1_20MHz_Antenna 0

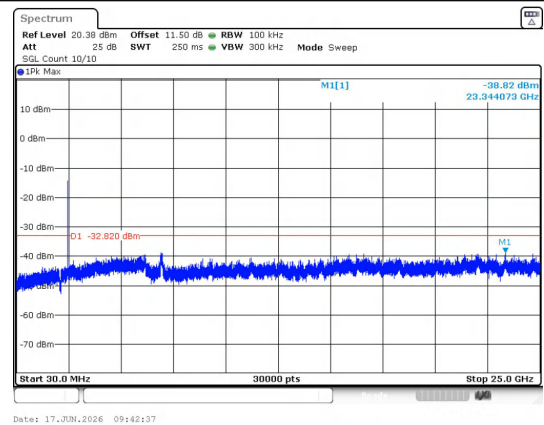
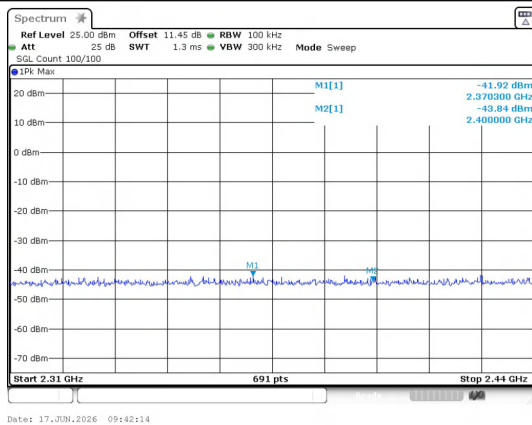


In-Band Reference Level
IEEE 802.11n_Channel 6_20MHz_Antenna 0



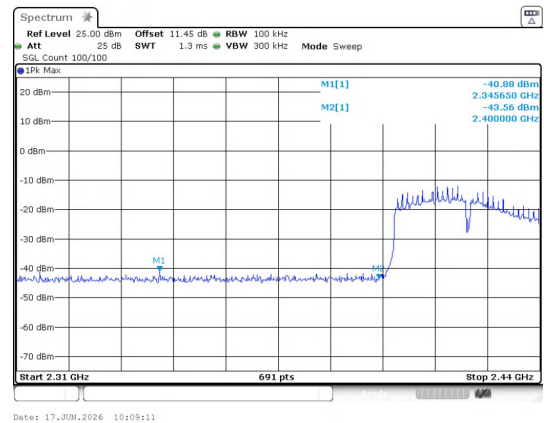
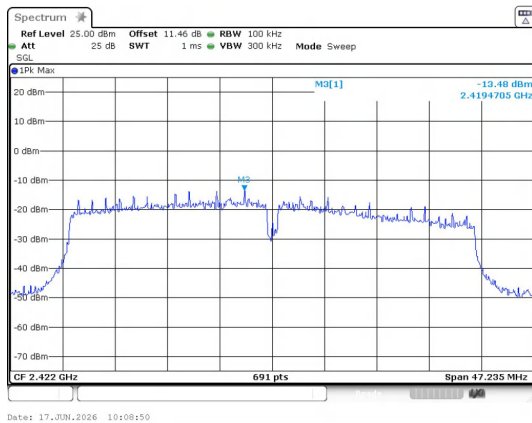
**30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 6_20MHz_Antenna 0**

**In-Band Reference Level
IEEE 802.11n_Channel 11_20MHz_Antenna 0**



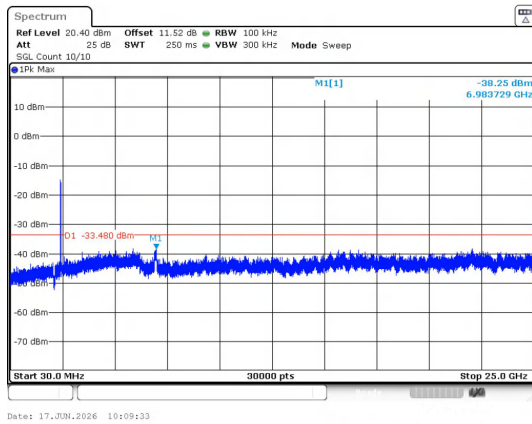
**Out Of Band Emission
IEEE 802.11n_Channel 11_20MHz_Antenna 0**

**30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 11_20MHz_Antenna 0**

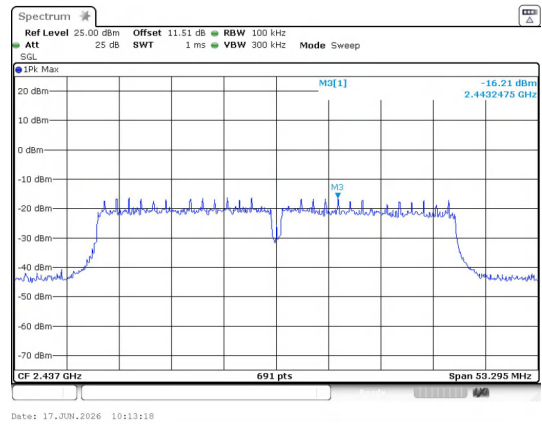


**In-Band Reference Level
IEEE 802.11n_Channel 3_40MHz_Antenna 0**

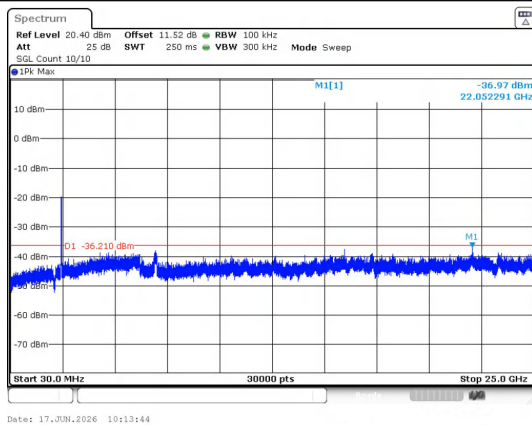
**Out Of Band Emission
IEEE 802.11n_Channel 3_40MHz_Antenna 0**



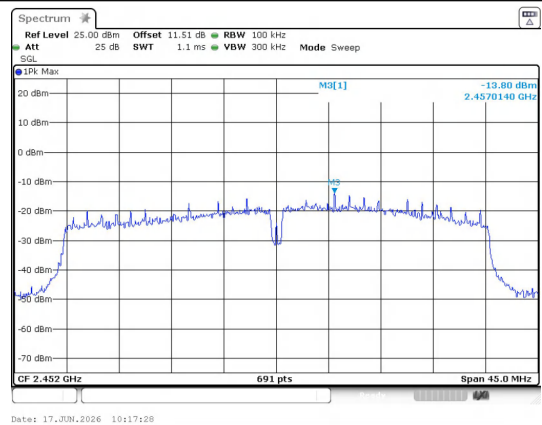
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 3_40MHz_Antenna 0



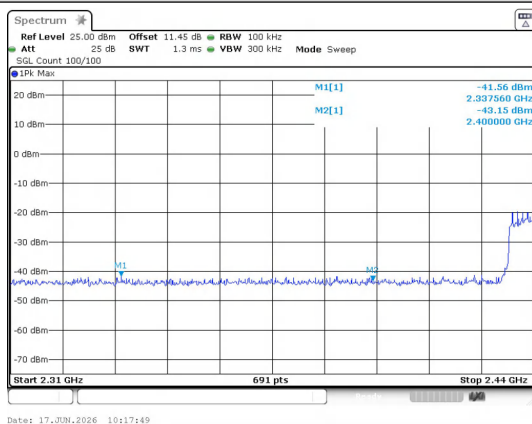
In-Band Reference Level
IEEE 802.11n_Channel 6_40MHz_Antenna 0



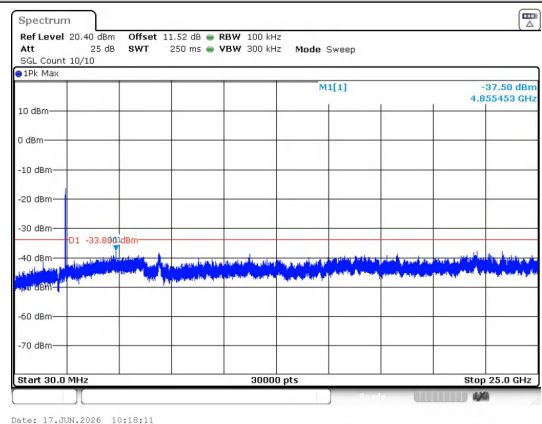
30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 6_40MHz_Antenna 0



In-Band Reference Level
IEEE 802.11n_Channel 9_40MHz_Antenna 0



Out Of Band Emission
IEEE 802.11n_Channel 9_40MHz_Antenna 0



30.0 MHz - 25000.0 MHz
IEEE 802.11n_Channel 9_40MHz_Antenna 0

-----End of the report-----