

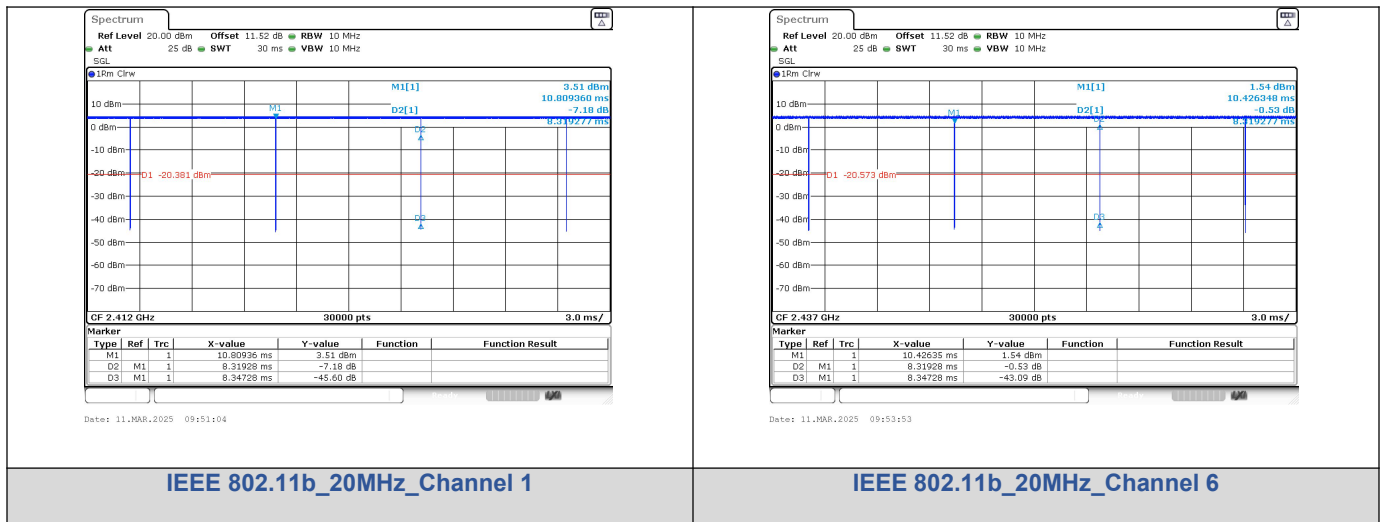
Appendix Report

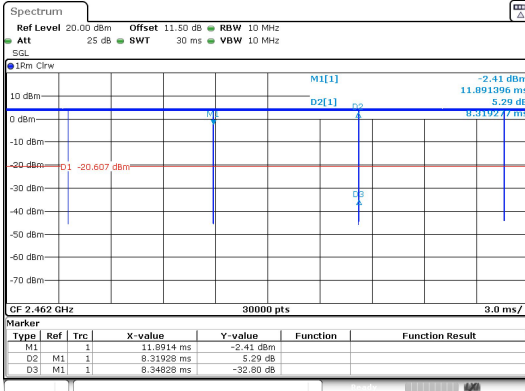
Report No.:	CISRR25030705407
Test Engineer:	Mark Fu
Supervised by:	Rory Huang

Test Result

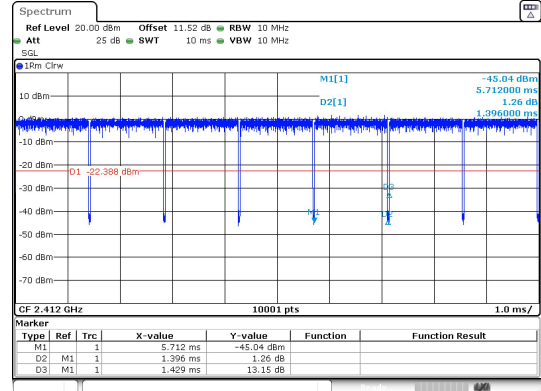
Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11b	1	1	1	8.319	8.347	99.66	0.9966	0.0148	0.1202
		6		8.319	8.347	99.66	0.9966	0.0148	0.1202
		11		8.319	8.348	99.65	0.9965	0.0152	0.1202
IEEE 802.11g	1	1		1.396	1.429	97.69	0.9769	0.1015	0.7163
		6		1.396	1.429	97.69	0.9769	0.1015	0.7163
		11		1.396	1.429	97.69	0.9769	0.1015	0.7163
IEEE 802.11n_20	MCS 0	1		1.304	1.337	97.53	0.9753	0.1086	0.7669
		6		1.304	1.337	97.53	0.9753	0.1086	0.7669
		11		1.293	1.327	97.44	0.9744	0.1126	0.7734
IEEE 802.11n_40	MCS 0	3		0.650	0.684	94.94	0.9494	0.2255	1.5385
		6		0.650	0.684	95.00	0.9500	0.2228	1.5385
		9		0.650	0.684	95.00	0.9500	0.2228	1.5385

Test Graphs





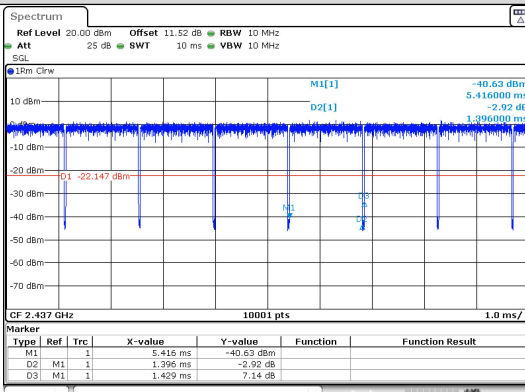
Date: 11.MAR.2025 09:56:39



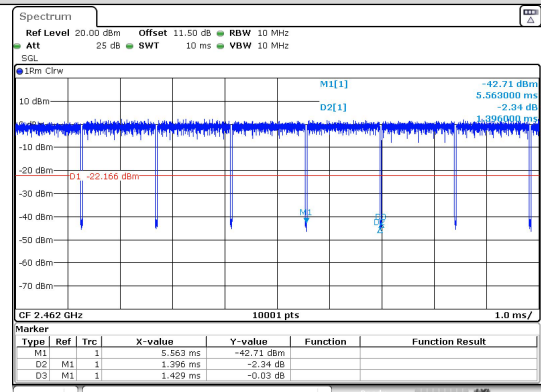
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IEEE 802.11b_20MHz_Channel 11

IEEE 802.11g_20MHz_Channel 1



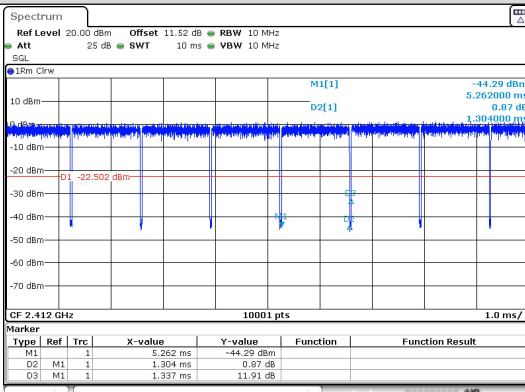
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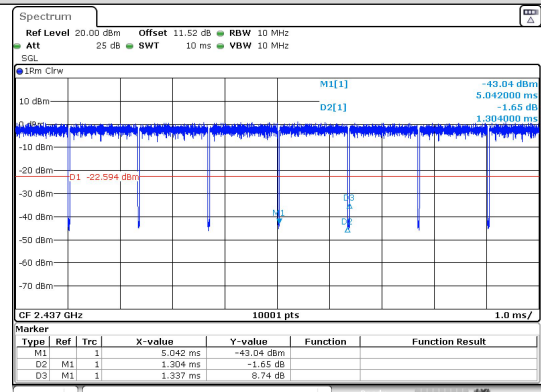
Date: 11.MAR.2025 11:44:59

IEEE 802.11g_20MHz_Channel 6

IEEE 802.11g_20MHz_Channel 11



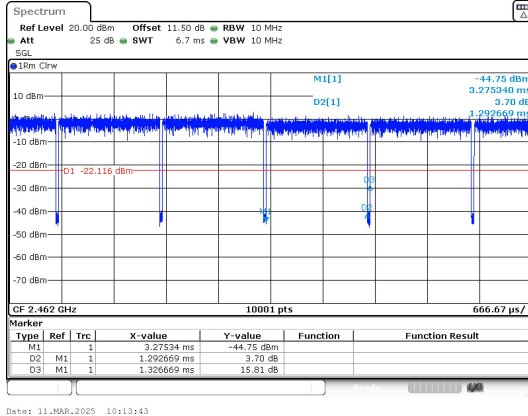
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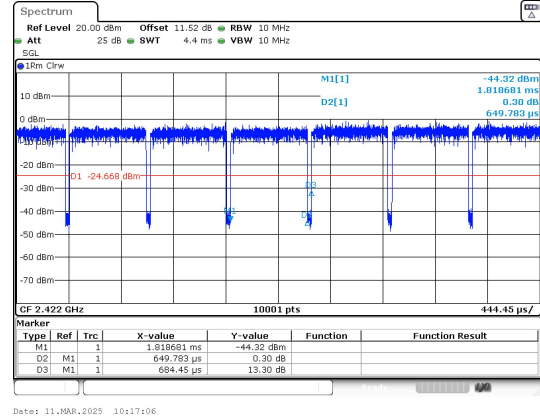
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IEEE 802.11n_20MHz_Channel 1

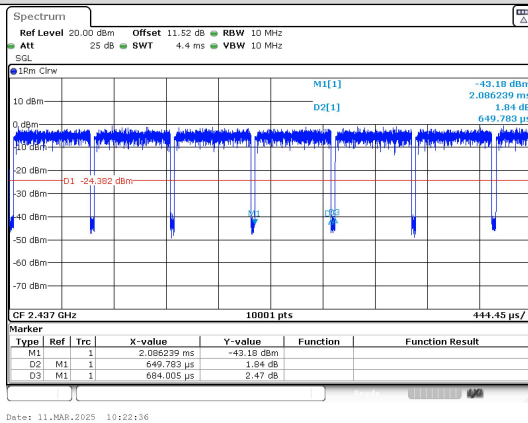
IEEE 802.11n_20MHz_Channel 6



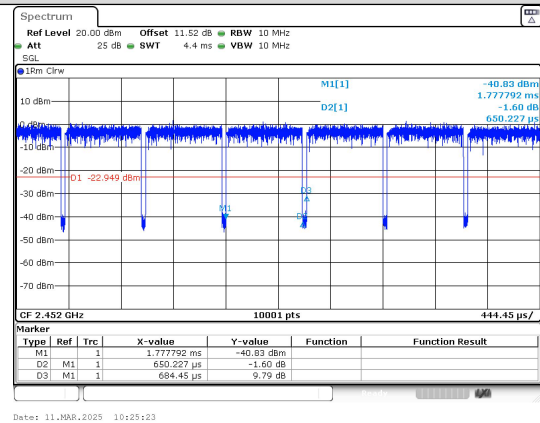
IEEE 802.11n_20MHz_Channel 11



IEEE 802.11n_40MHz_Channel 3



IEEE 802.11n_40MHz_Channel 6



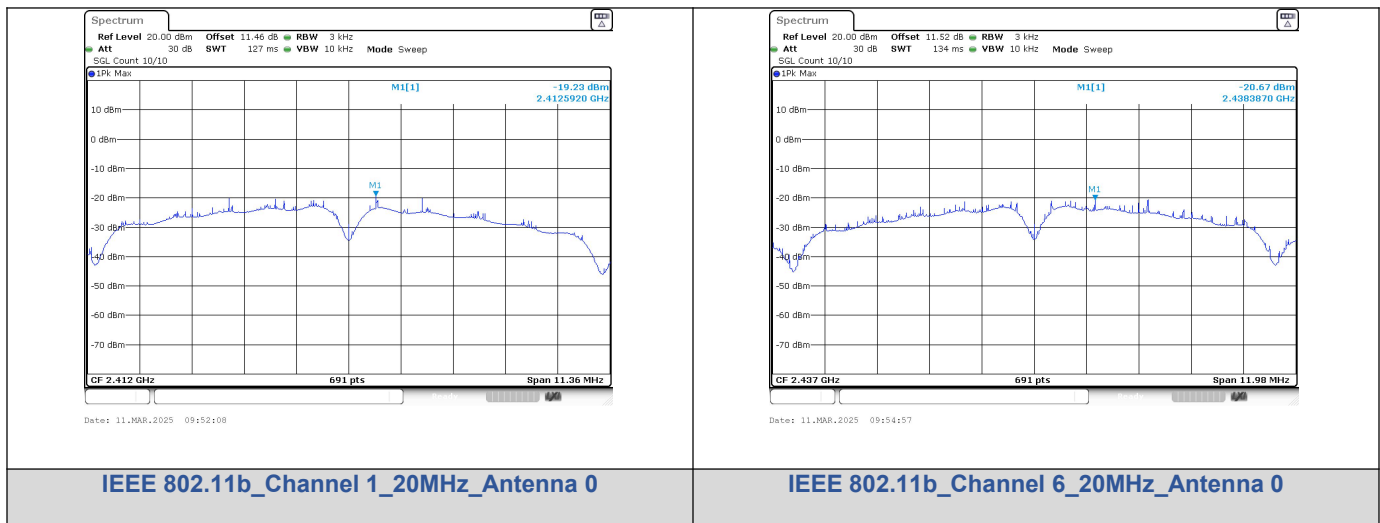
IEEE 802.11n_40MHz_Channel 9

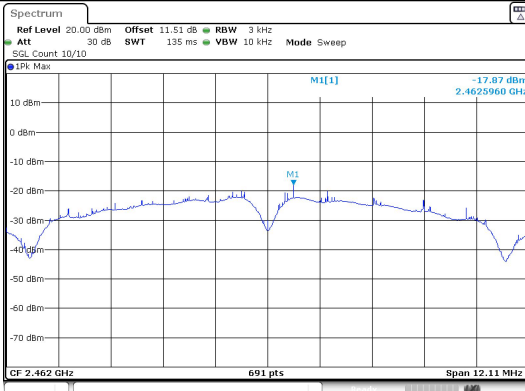
Power Spectral Density

Test Result

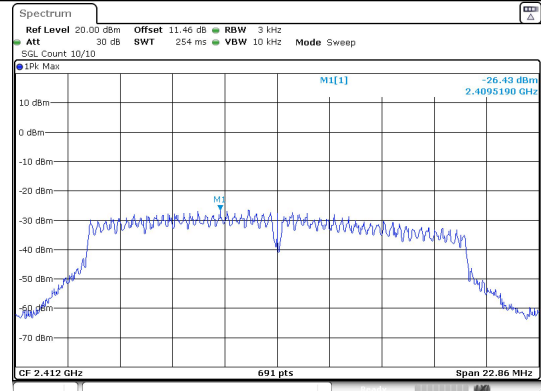
Mode	Channel	PSD (dBm/3kHz) Ant. 0	Limit (dBm/3kHz)	Result
IEEE 802.11b	1	-19.230	≤8	PASS
	6	-20.670		PASS
	11	-17.870		PASS
IEEE 802.11g	1	-26.430		PASS
	6	-26.240		PASS
	11	-26.450		PASS
IEEE 802.11n_20	1	-26.740		PASS
	6	-26.470		PASS
	11	-25.680		PASS
IEEE 802.11n_40	3	-28.840		PASS
	6	-28.620		PASS
	9	-27.510		PASS

Test Graphs





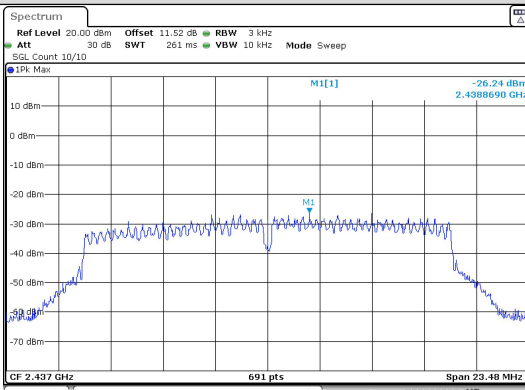
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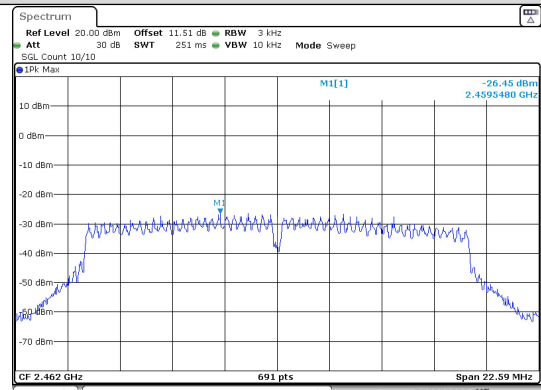
Date: 11.MAR.2025 11:40:46

IEEE 802.11b_Channel 11_20MHz_Antenna 0

IEEE 802.11g_Channel 1_20MHz_Antenna 0



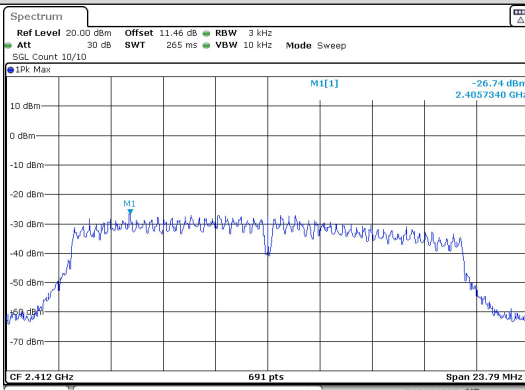
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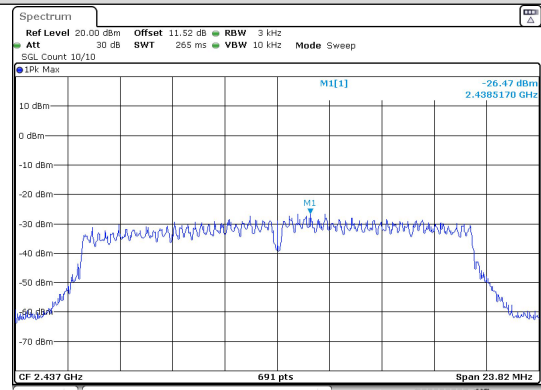
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IEEE 802.11g_Channel 6_20MHz_Antenna 0

IEEE 802.11g_Channel 11_20MHz_Antenna 0



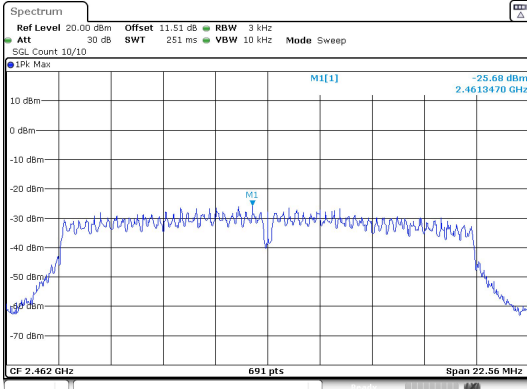
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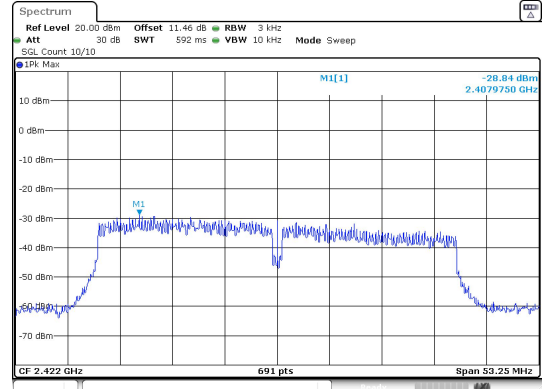
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IEEE 802.11n_Channel 1_20MHz_Antenna 0

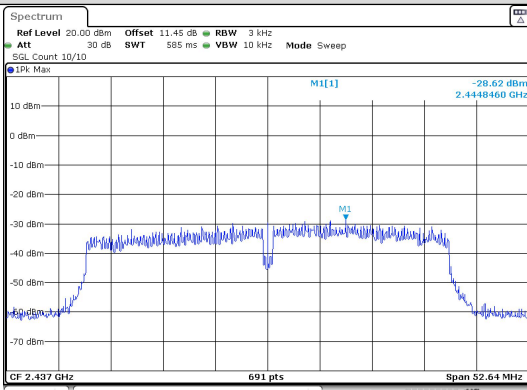
IEEE 802.11n_Channel 6_20MHz_Antenna 0



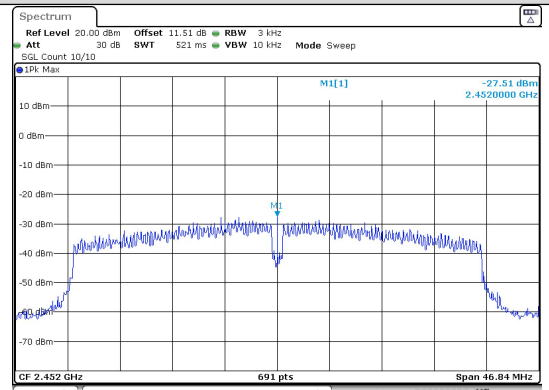
IEEE 802.11n_Channel 11_20MHz_Antenna 0



IEEE 802.11n_Channel 3_40MHz_Antenna 0



IEEE 802.11n_Channel 6_40MHz_Antenna 0



IEEE 802.11n_Channel 9_40MHz_Antenna 0

Conducted Output Power

Test Result

Conducted Output Power

Mode	Channel	Ant. 0 (dBm)	Limit (dBm)	Result
IEEE 802.11b	1	7.21	≤30	PASS
	6	7.51	≤30	PASS
	11	8.45	≤30	PASS
IEEE 802.11g	1	7.75	≤30	PASS
	6	7.82	≤30	PASS
	11	8.37	≤30	PASS
IEEE 802.11n_20	1	7.91	≤30	PASS
	6	7.63	≤30	PASS
	11	8.00	≤30	PASS
IEEE 802.11n_40	3	7.38	≤30	PASS
	6	7.73	≤30	PASS
	9	8.10	≤30	PASS

Test Graphs

