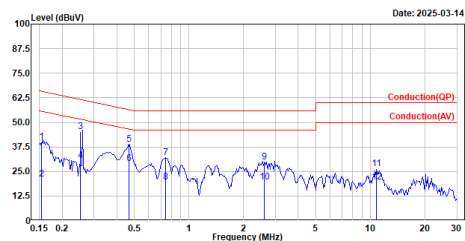


Appendix A. Test Result of AC Power Line Conducted Emission

Charge Mode

Site :HY-SR01
Condition :Line
Mode :Charge mode
test by :Neko

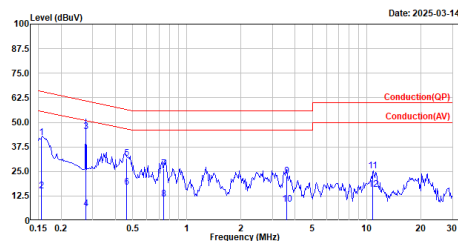


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	Line	Limit	Level	dB	
1	0.155	40.15	65.74	-25.59	30.51	9.64	QP
2	0.155	21.16	55.74	-34.58	11.52	9.64	Average
3	0.252	45.22	61.69	-16.47	35.57	9.65	QP
4	0.252	30.50	51.69	-21.19	20.85	9.65	Average
5	0.469	38.73	56.53	-17.80	29.08	9.65	QP
6	0.469	29.20	46.53	-17.33	19.55	9.65	Average
7	0.746	32.06	56.00	-23.94	22.39	9.67	QP
8	0.746	19.47	46.00	-26.53	9.80	9.67	Average
9	2.599	29.68	56.00	-26.32	19.83	9.85	QP
10	2.599	19.77	46.00	-26.23	9.92	9.85	Average
11	10.793	26.50	60.00	-33.50	16.34	10.16	QP
12	10.793	19.54	50.00	-30.46	9.38	10.16	Average

Note:

1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

Site :HY-SR01
Condition :Neutral
Mode :Charge mode
test by :Neko



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	Line	Limit	Level	dB	
1	0.156	42.15	65.66	-23.51	32.53	9.62	QP
2	0.156	14.98	55.66	-40.68	5.36	9.62	Average
3	0.276	45.36	60.95	-15.59	35.73	9.63	QP
4	0.276	6.03	50.95	-44.92	-3.60	9.63	Average
5	0.462	31.86	56.65	-24.79	22.23	9.63	QP
6	0.462	16.94	46.65	-29.71	7.31	9.63	Average
7	0.743	26.37	56.00	-29.63	16.72	9.65	QP
8	0.743	11.10	46.00	-34.90	1.45	9.65	Average
9	3.590	22.68	56.00	-33.32	12.73	9.95	QP
10	3.590	8.38	46.00	-37.62	-1.57	9.95	Average
11	10.793	25.26	60.00	-34.74	15.10	10.16	QP
12	10.793	15.88	50.00	-34.12	5.72	10.16	Average

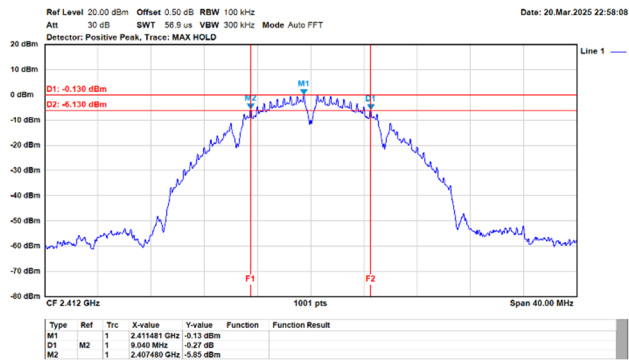
Note:

1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

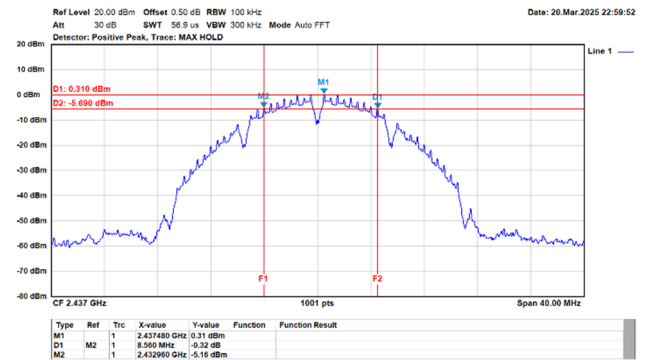
Appendix B. 6 dB Bandwidth

Modulation	Frequency (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	Result
		Ant. 1		
802.11b (20MHz)	2412	9.04	0.50	Pass
	2437	8.56	0.50	Pass
	2462	8.56	0.50	Pass
802.11g (20MHz)	2412	16.32	0.50	Pass
	2437	15.48	0.50	Pass
	2462	15.92	0.50	Pass
802.11n (20MHz)	2412	16.56	0.50	Pass
	2437	15.32	0.50	Pass
	2462	15.68	0.50	Pass
802.11n (40MHz)	2422	35.76	0.50	Pass
	2437	36.32	0.50	Pass
	2452	36.32	0.50	Pass

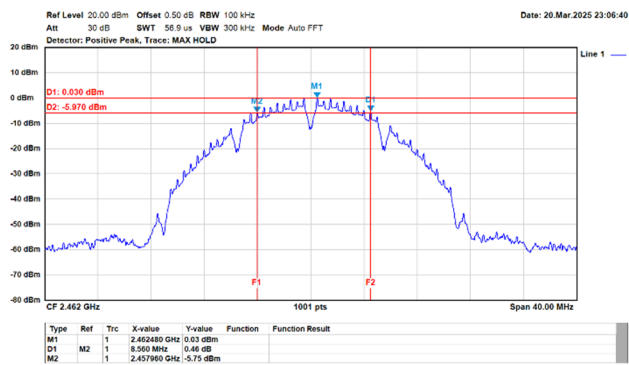
802.11b/20MHz/1M/2412MHz/Ch1/Ant.1



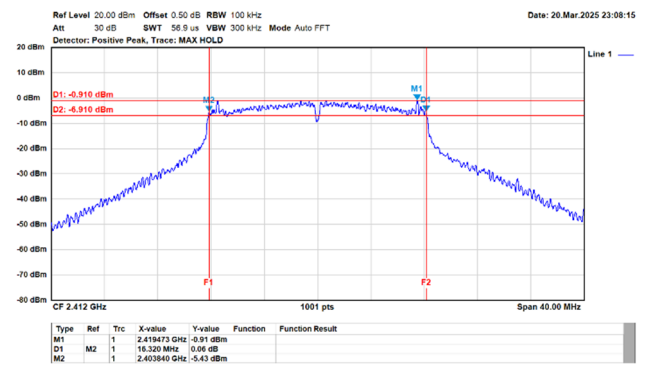
802.11b/20MHz/1M/2437MHz/Ch6/Ant.1



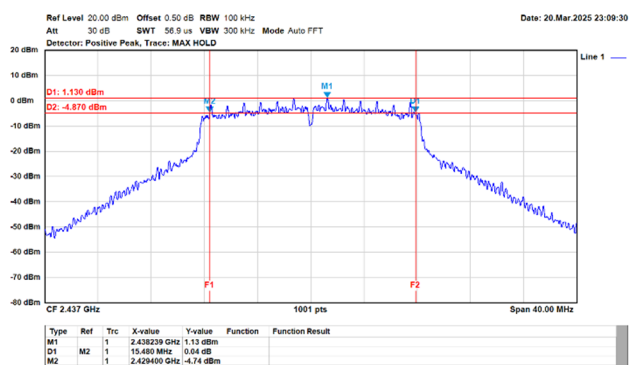
802.11b/20MHz/1M/2462MHz/Ch11/Ant.1



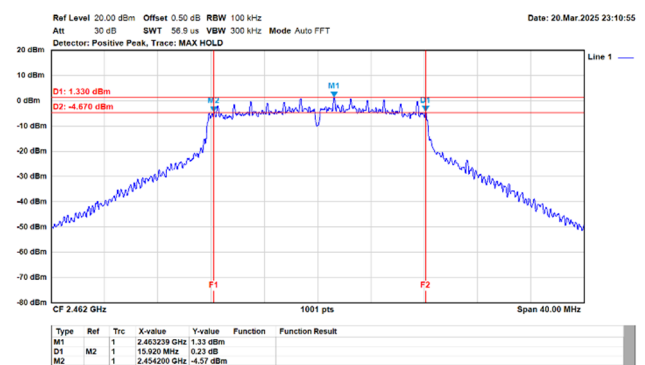
802.11g/20MHz/6M/2412MHz/Ch1/Ant.1



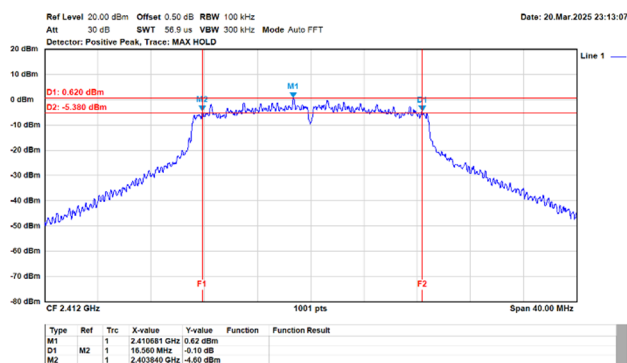
802.11g/20MHz/6M/2437MHz/Ch6/Ant.1



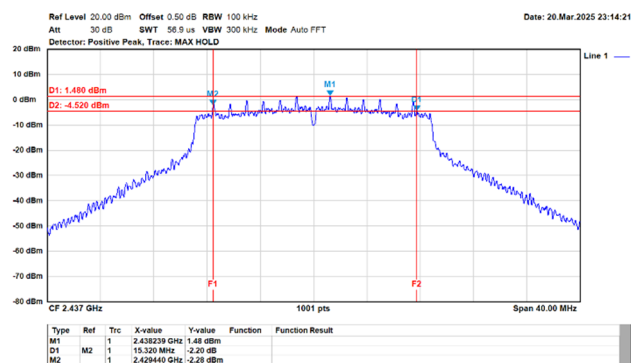
802.11g/20MHz/6M/2462MHz/Ch11/Ant.1



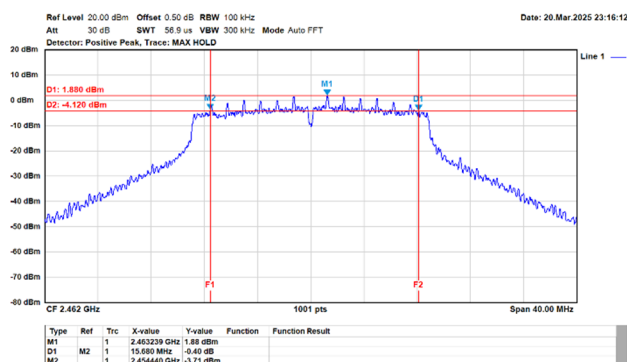
802.11n/20MHz/MCS0/2412MHz/Ch1/Ant.1



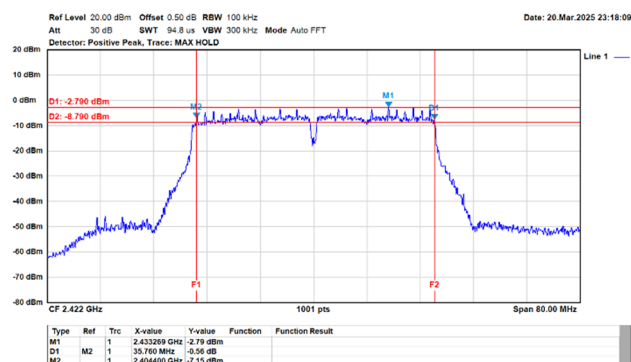
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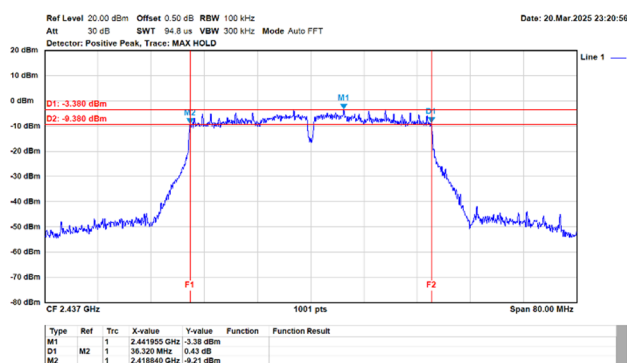
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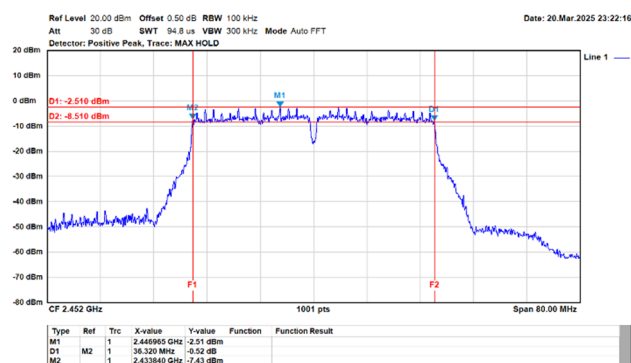
802.11n/40MHz/MCS0/2422MHz/Ch3/Ant.1



802.11n/40MHz/MCS0/2437MHz/Ch6/Ant.1



802.11n/40MHz/MCS0/2452MHz/Ch9/Ant.1



Appendix C. Test Result of Maximum Peak Conducted Output Power

Average

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
		Ant. 1		
802.11b (20MHz)	2412	13.14	30.00	Pass
	2437	13.05	30.00	Pass
	2462	12.86	30.00	Pass
802.11g (20MHz)	2412	15.03	30.00	Pass
	2437	14.73	30.00	Pass
	2462	15.11	30.00	Pass
802.11n (20MHz)	2412	14.87	30.00	Pass
	2437	14.70	30.00	Pass
	2462	15.04	30.00	Pass
802.11n (40MHz)	2422	14.78	30.00	Pass
	2437	14.67	30.00	Pass
	2452	14.68	30.00	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant.1 (mW)} + \text{Ant.2 (mW)})$.

Peak

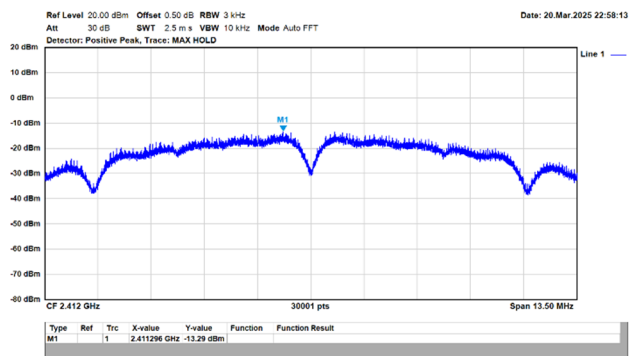
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
		Ant. 1		
802.11b (20MHz)	2412	15.17	30.00	Pass
	2437	14.92	30.00	Pass
	2462	14.30	30.00	Pass
802.11g (20MHz)	2412	19.50	30.00	Pass
	2437	17.76	30.00	Pass
	2462	20.63	30.00	Pass
802.11n (20MHz)	2412	19.31	30.00	Pass
	2437	17.50	30.00	Pass
	2462	20.60	30.00	Pass
802.11n (40MHz)	2422	19.69	30.00	Pass
	2437	19.50	30.00	Pass
	2452	19.35	30.00	Pass

Note: Total Output Power (dBm) = $10 \cdot \log (\text{Ant.1 (mW)} + \text{Ant.2 (mW)})$.

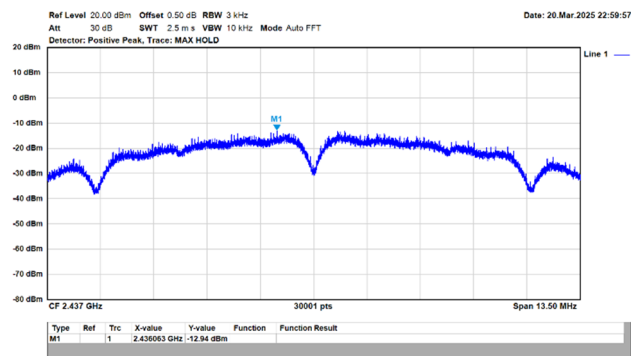
Appendix D. Test Result of Power Spectral Density

Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Result
		Ant. 1		
802.11b (20MHz)	2412	-13.29	8.00	Pass
	2437	-12.94	8.00	Pass
	2462	-13.53	8.00	Pass
802.11g (20MHz)	2412	-11.52	8.00	Pass
	2437	-12.33	8.00	Pass
	2462	-12.35	8.00	Pass
802.11n (20MHz)	2412	-12.90	8.00	Pass
	2437	-13.04	8.00	Pass
	2462	-13.02	8.00	Pass
802.11n (40MHz)	2422	-16.62	8.00	Pass
	2437	-16.77	8.00	Pass
	2452	-15.57	8.00	Pass

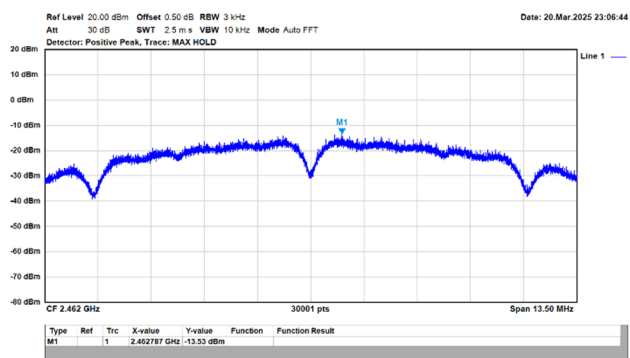
802.11b/20MHz/1M/2412MHz/Ch1/Ant.1



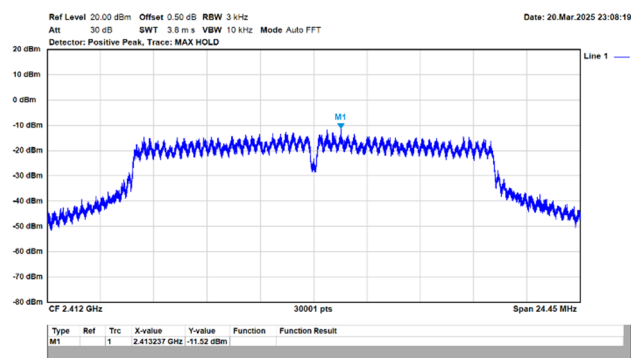
802.11b/20MHz/1M/2437MHz/Ch6/Ant.1



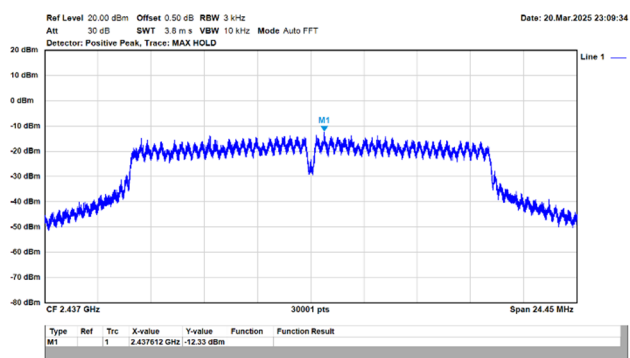
802.11b/20MHz/1M/2462MHz/Ch11/Ant.1



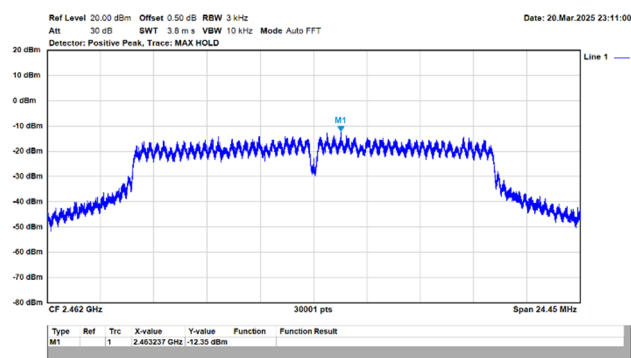
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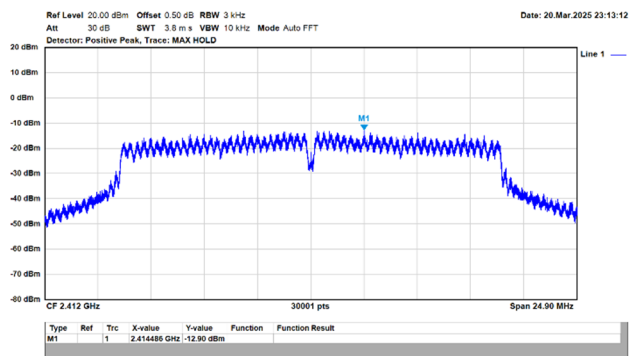
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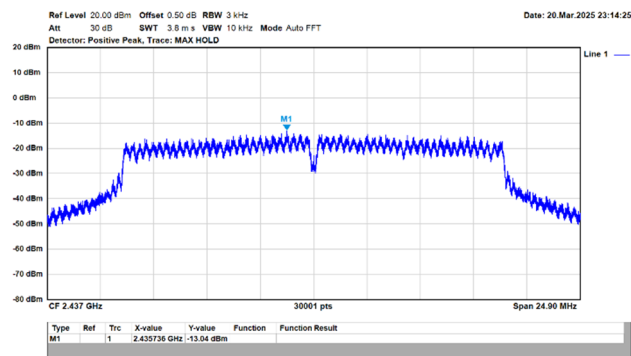
802.11g/20MHz/6M/2462MHz/Ch11/Ant.1



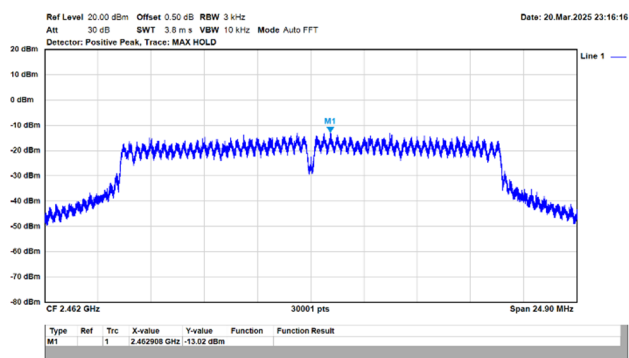
802.11n/20MHz/MCS0/2412MHz/Ch1/Ant.1



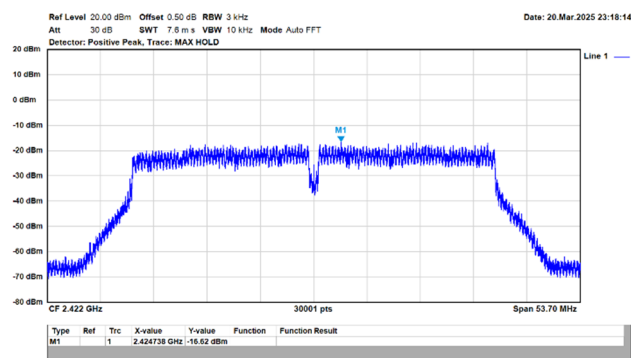
802.11n/20MHz/MCS0/2437MHz/Ch6/Ant.1



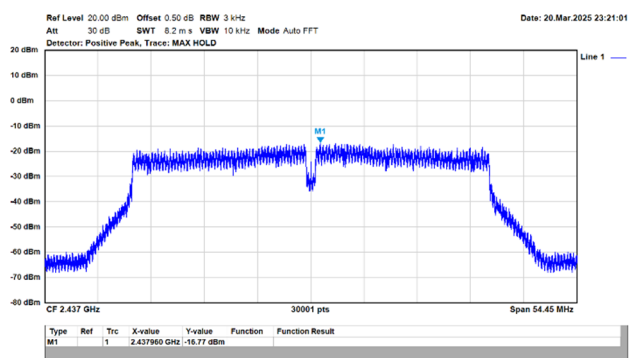
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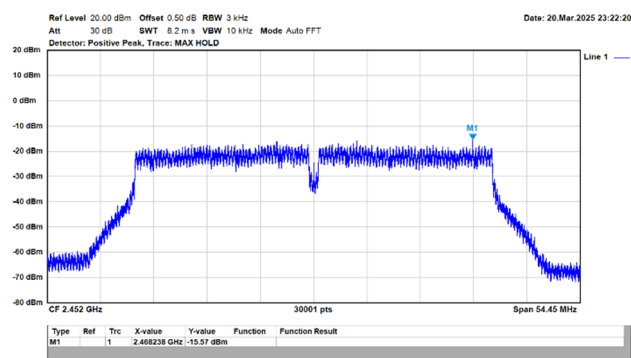
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802.11n/40MHz/MCS0/2437MHz/Ch6/Ant.1

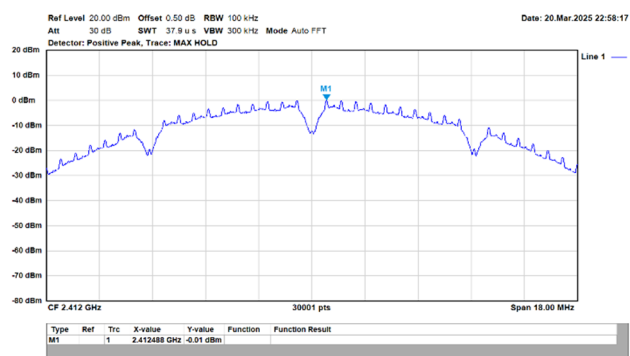


802.11n/40MHz/MCS0/2452MHz/Ch9/Ant.1

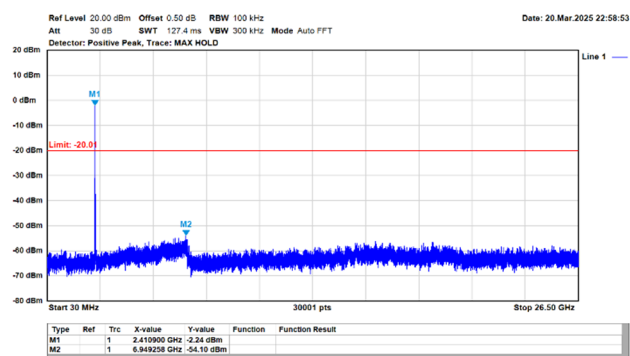


Appendix E. Test Result of Antenna Port Conducted Emission

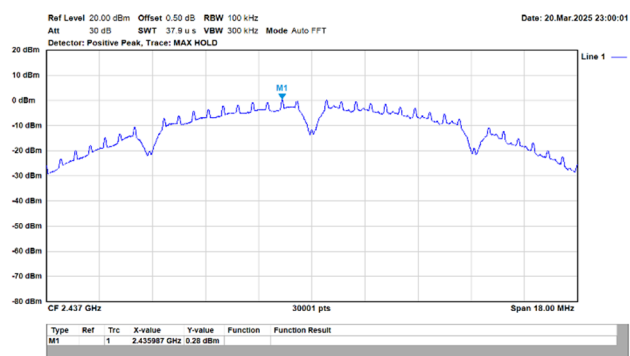
802.11b/20MHz/1M/2412MHz/Ch1/Ant.1 (Ref.)



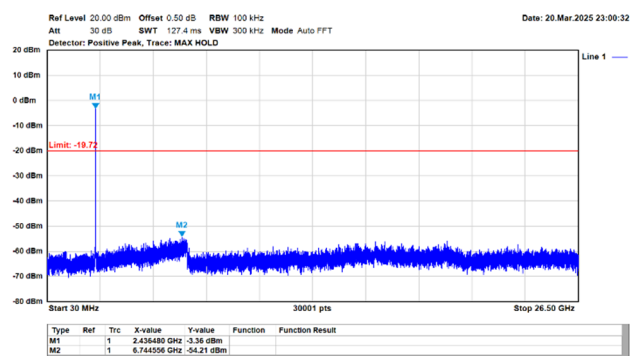
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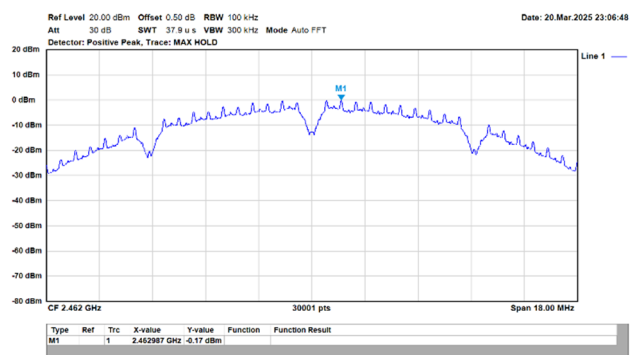
802.11b/20MHz/1M/2437MHz/Ch6/Ant.1 (Ref.)



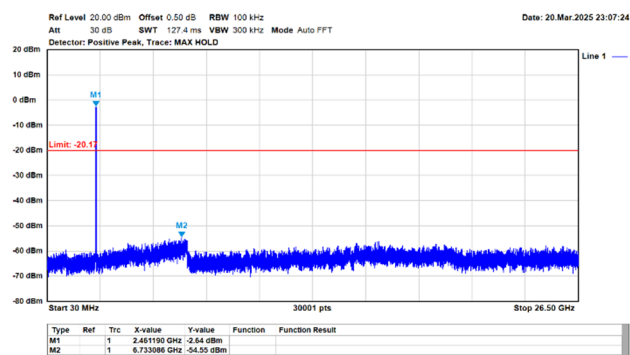
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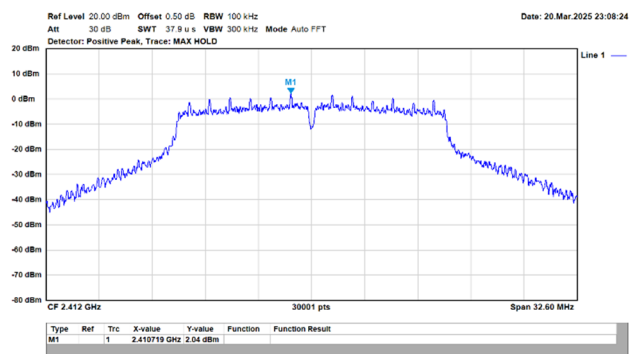
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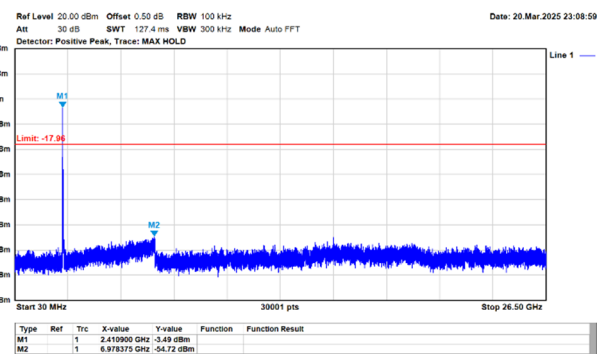
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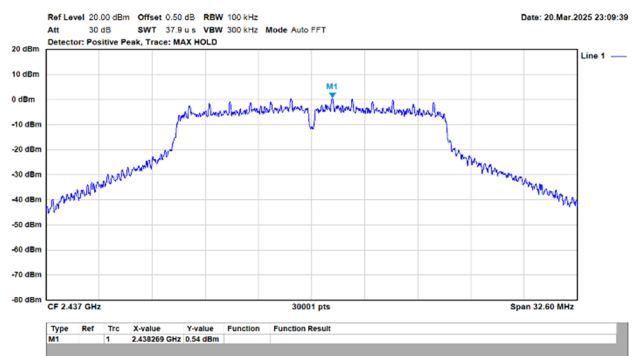
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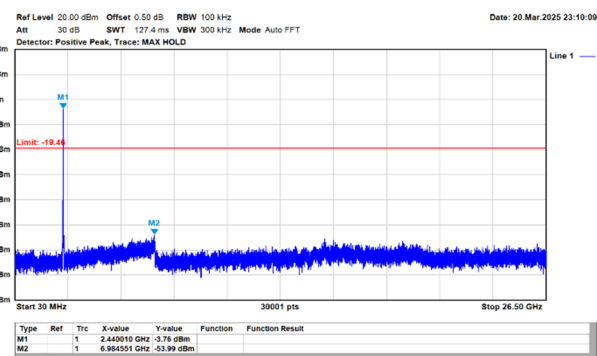
802.11g/20MHz/6M/2412MHz/Ch1/Ant.1



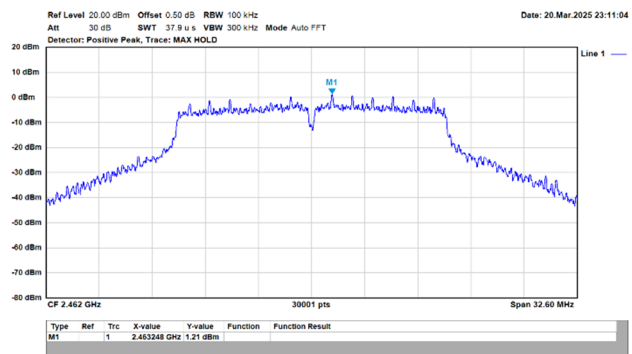
802.11g/20MHz/6M/2437MHz/Ch6/Ant.1 (Ref.)



802.11g/20MHz/6M/2437MHz/Ch6/Ant.1



802.11g/20MHz/6M/2462MHz/Ch11/Ant.1 (Ref.)



802.11g/20MHz/6M/2462MHz/Ch11/Ant.1

