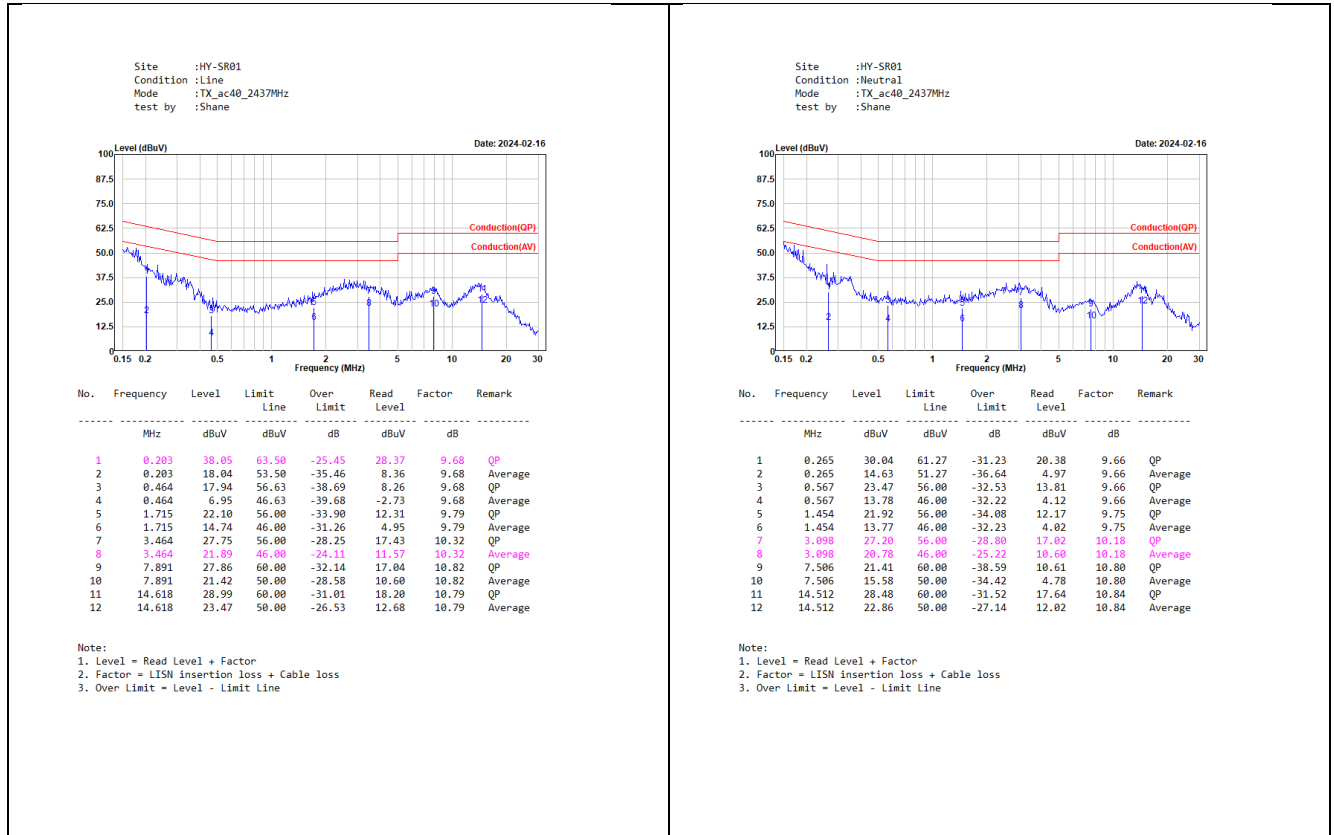
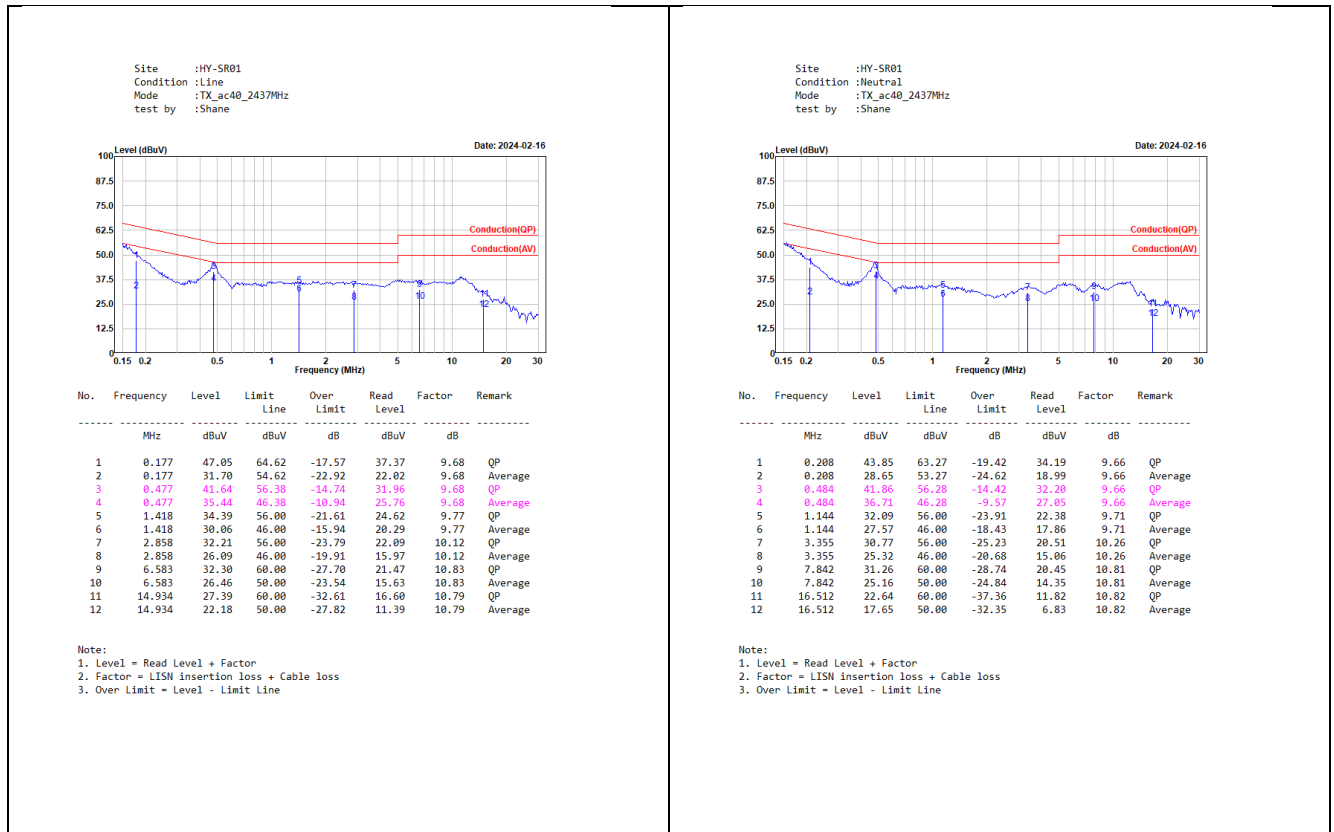


Appendix A. Test Result of AC Power Line Conducted Emission

for Adapter: DSA-24PFS-12 FUS 120200

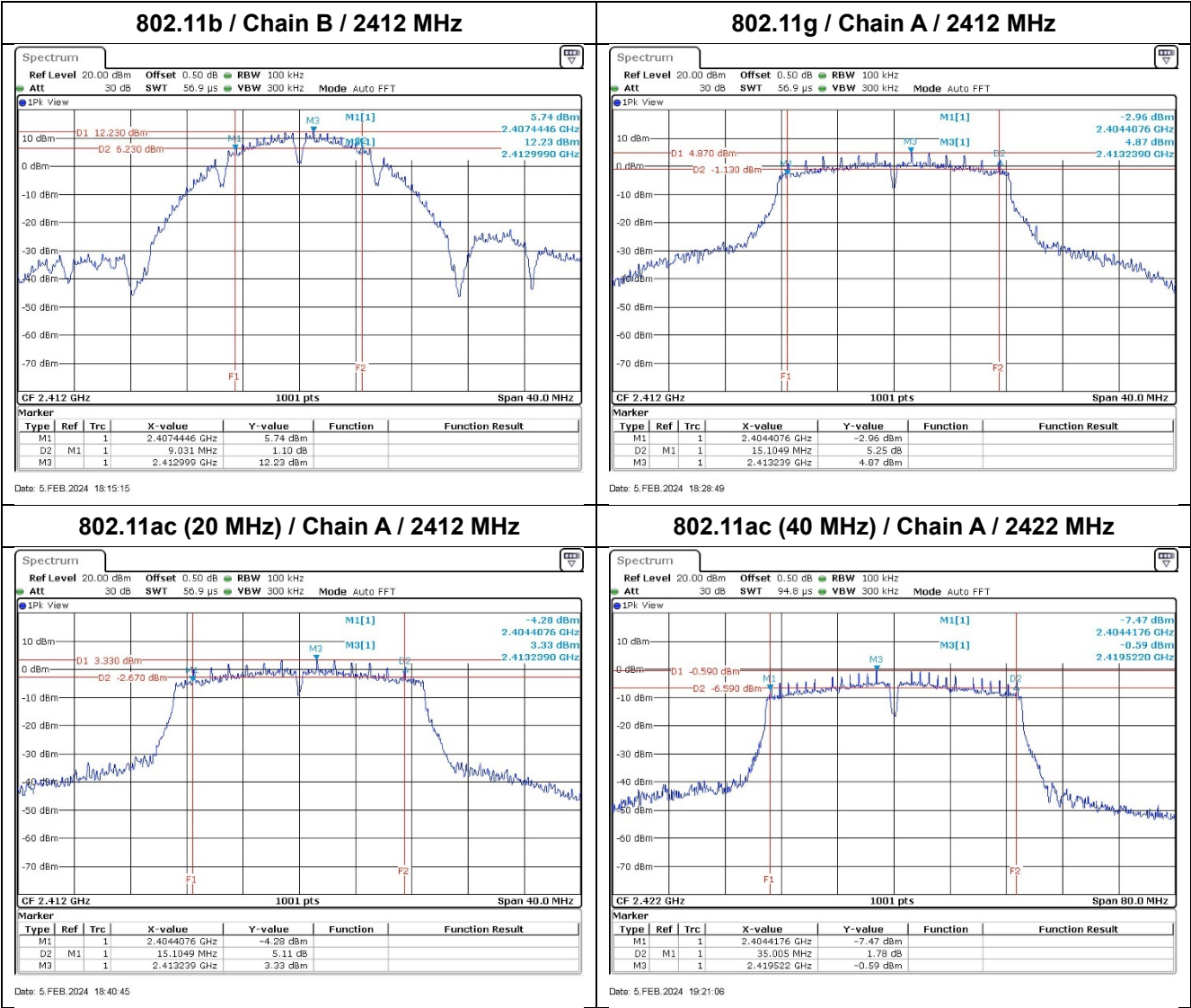


for PoE:



Appendix B. 6dB Bandwidth

Modulation	Chain	Frequency (MHz)	Measured Value (kHz)	Required Limit (kHz)
802.11b	A	2412	9550	>500
		2437	9550	>500
		2462	9031	>500
	B	2412	9031	>500
		2437	9031	>500
		2462	9031	>500
802.11g	A	2412	15105	>500
		2437	15105	>500
		2462	15105	>500
	B	2412	15105	>500
		2437	15105	>500
		2462	15105	>500
802.11ac (20 MHz)	A	2412	15105	>500
		2437	15105	>500
		2462	15105	>500
	B	2412	15105	>500
		2437	15105	>500
		2462	15105	>500
802.11ac (40 MHz)	A	2422	35005	>500
		2437	35005	>500
		2452	35005	>500
	B	2422	35005	>500
		2437	35005	>500
		2452	35005	>500



Appendix C. Test Result of Maximum Conducted Output Power

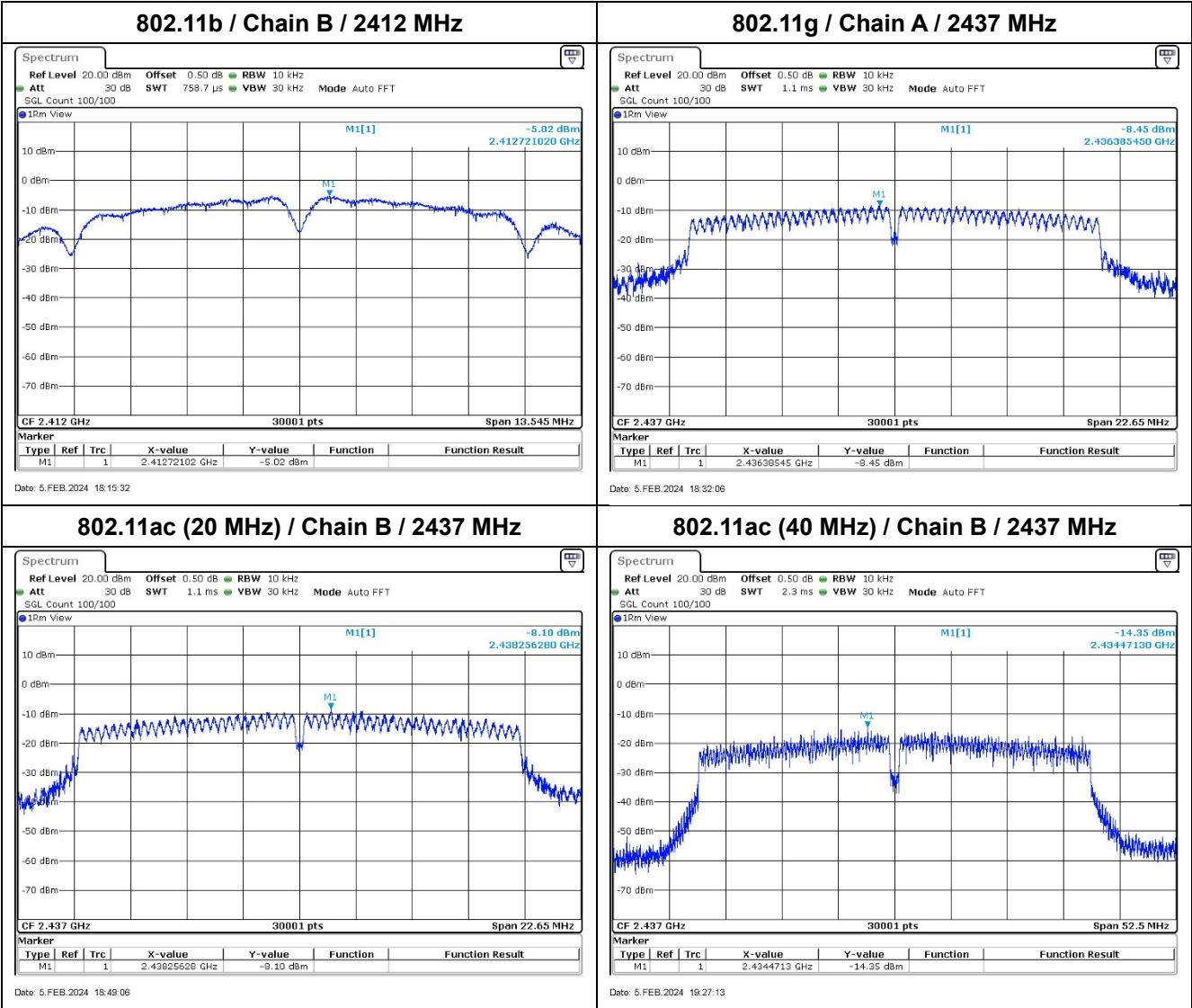
Modulation	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Average Output Power (dBm)	Limit (dBm)
802.11b	2412	21.58	21.49	24.55	<30
	2437	21.26	21.27	24.28	<30
	2462	17.93	17.35	20.66	<30
802.11g	2412	15.14	14.95	18.06	<30
	2437	19.72	19.54	22.64	<30
	2462	13.38	12.89	16.15	<30
802.11n (20 MHz)	2412	14.59	14.32	17.47	<30
	2437	19.45	19.05	22.26	<30
	2462	12.74	12.16	15.47	<30
802.11n (40 MHz)	2422	11.86	11.66	14.77	<30
	2437	14.84	14.53	17.70	<30
	2452	11.49	11.00	14.26	<30
802.11ac (20 MHz)	2412	14.64	14.37	17.52	<30
	2437	19.54	19.14	22.35	<30
	2462	12.78	12.26	15.54	<30
802.11ac (40 MHz)	2422	11.96	11.75	14.87	<30
	2437	14.89	14.59	17.75	<30
	2452	11.54	11.09	14.33	<30

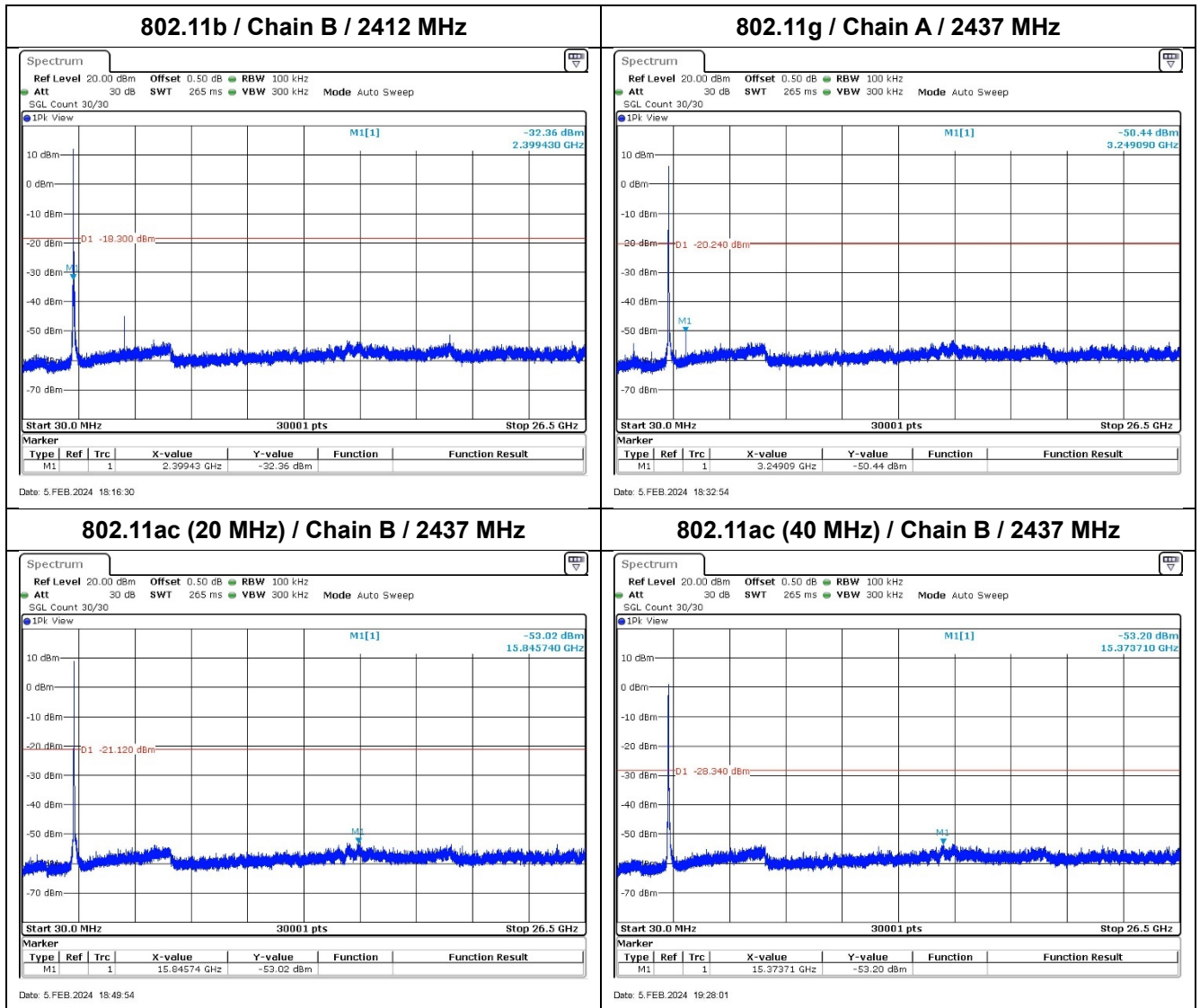
Note: Average Output Power (dBm) = $10 \cdot \log(\text{Chain A (mW)} + \text{Chain B (mW)})$

Appendix D. Test Result of Power Spectral Density

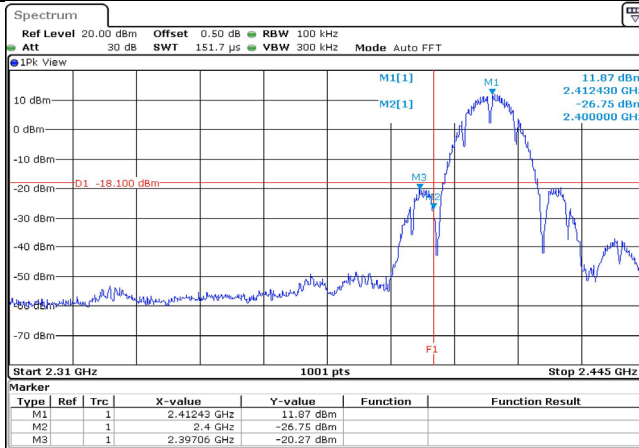
Modulation.	Frequency (MHz)	Data Rate (Mbps)	Chain	Measured Value (dBm)	Duty factor (dBm)	Total PSD (dBm)	Limit (dBm)
802.11b	2412	1	A	-5.060	0.00	-2.03	7.79
			B	-5.020			
	2437	1	A	-5.560	0.00	-2.585	7.79
			B	-5.630			
	2462	1	A	-8.590	0.00	-5.123	7.79
			B	-7.720			
802.11g	2412	6	A	-12.670	0.163	-9.683	7.79
			B	-13.050			
	2437	6	A	-8.450	0.163	-5.341	7.79
			B	-8.580			
	2462	6	A	-14.580	0.163	-11.706	7.79
			B	-15.200			
802.11ac (20 MHz)	2412	MCS0	A	-14.190	0.353	-10.97	7.79
			B	-14.480			
	2437	MCS0	A	-8.770	0.353	-5.06	7.79
			B	-8.100			
	2462	MCS0	A	-14.760	0.353	-11.98	7.79
			B	-16.010			
802.11ac (40 MHz)	2422	MCS0	A	-17.680	0.354	-14.26	7.79
			B	-17.570			
	2437	MCS0	A	-14.860	0.354	-11.23	7.79
			B	-14.350			
	2452	MCS0	A	-18.280	0.354	-14.80	7.79
			B	-18.060			

Note: Total PSD = $10 \cdot \log (\text{Chain A (mW)} + \text{Chain B (mW)}) + \text{Duty factor.}$



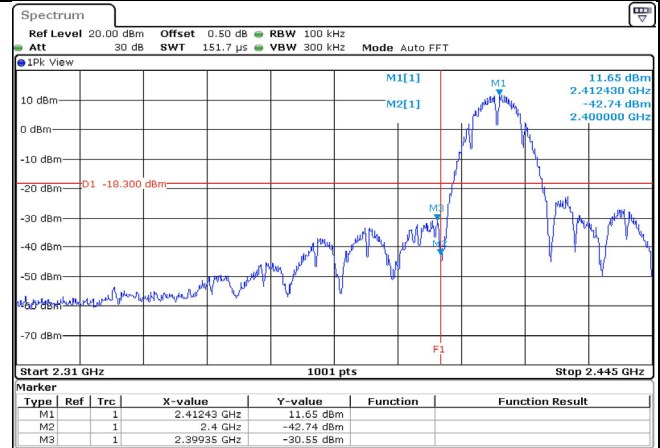
Appendix E. Test Result of Antenna Port Conducted Emission

802.11b / Chain A / 2412 MHz (Band Edge)



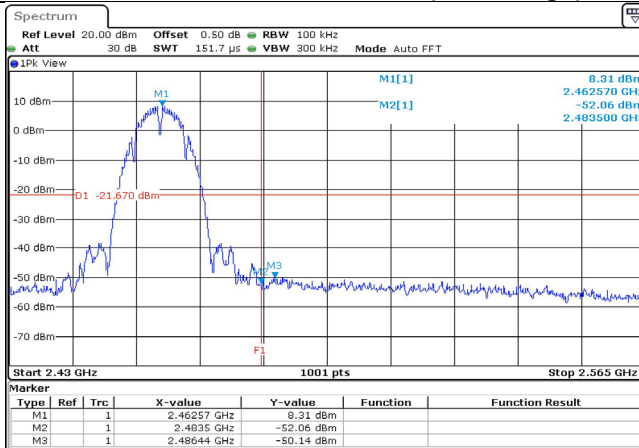
Date: 6 FEB 2024 18:11:48

802.11b / Chain B / 2412 MHz (Band Edge)



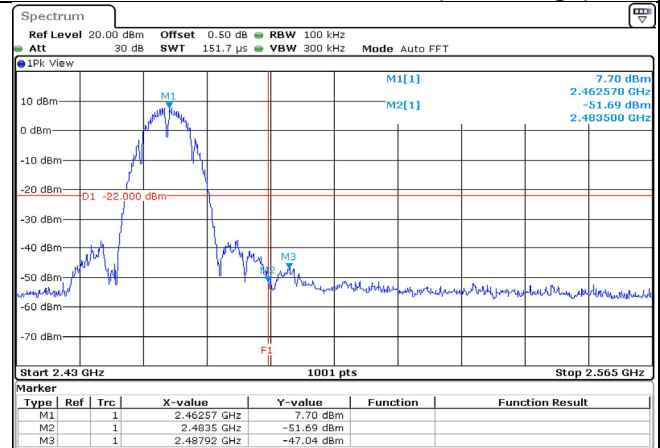
Date: 5 FEB 2024 18:15:52

802.11b / Chain A / 2462 MHz (Band Edge)



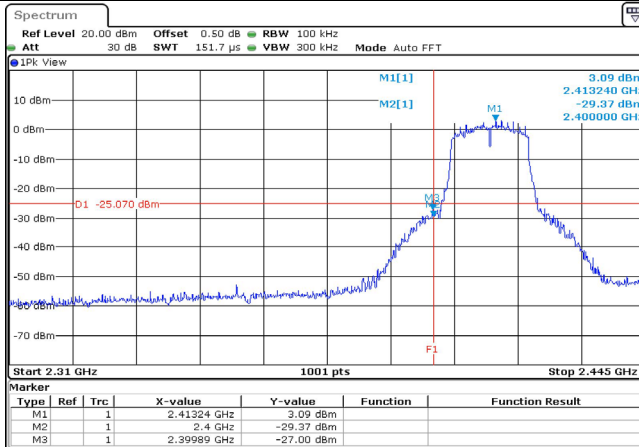
Date: 5 FEB 2024 18:22:15

802.11b / Chain B / 2462 MHz (Band Edge)



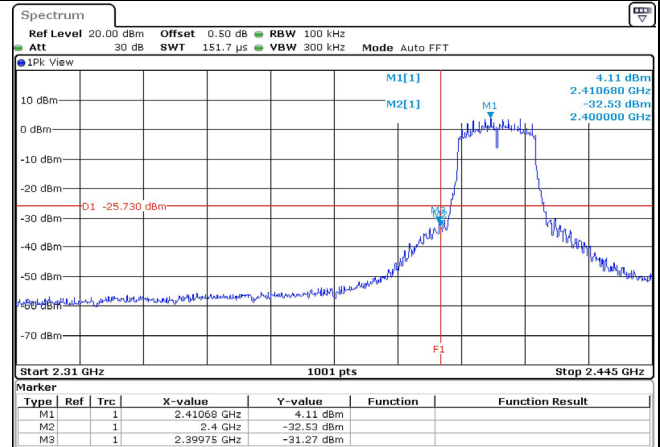
Date: 5 FEB 2024 18:25:17

802.11g / Chain A / 6M_2412 MHz (Band Edge)

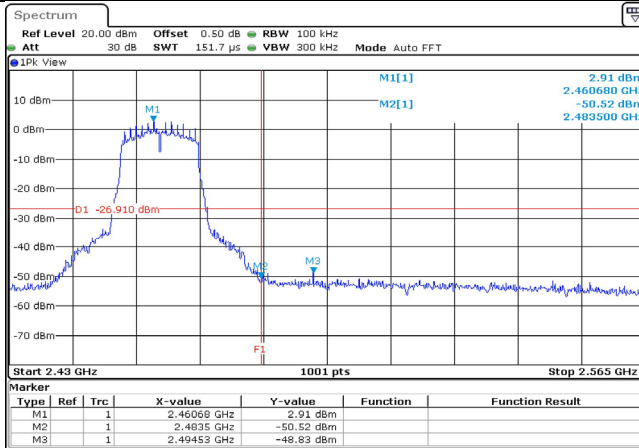


Date: 5 FEB 2024 18:29:27

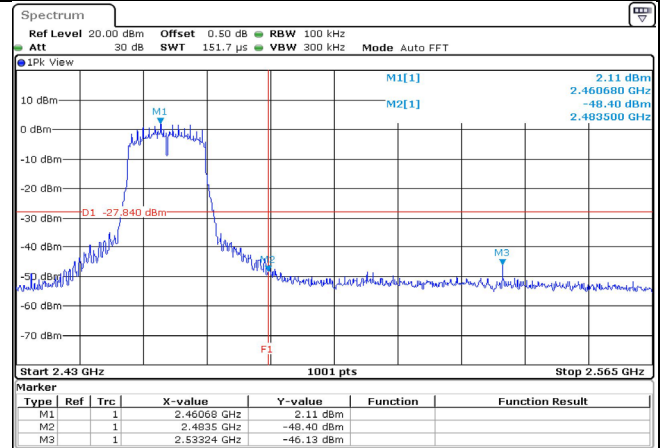
802.11g / Chain B / 6M_2412 MHz (Band Edge)



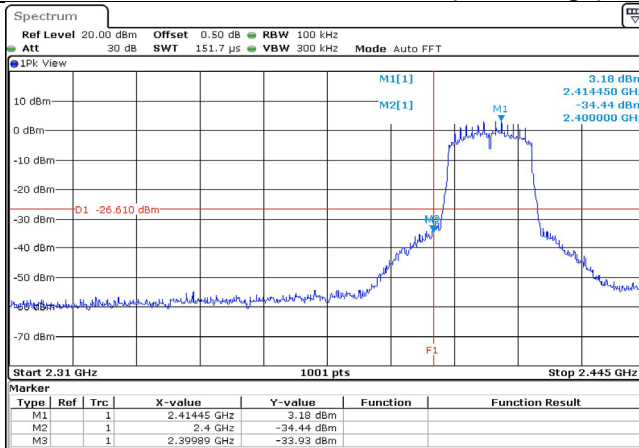
Date: 5 FEB 2024 18:27:30

802.11g / Chain A / 2462 MHz (Band Edge)

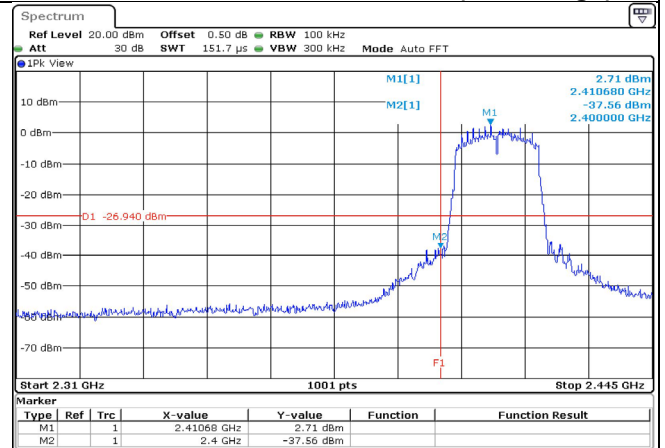
Date: 5 FEB 2024 18:39:08

802.11g / Chain B / 2462 MHz (Band Edge)

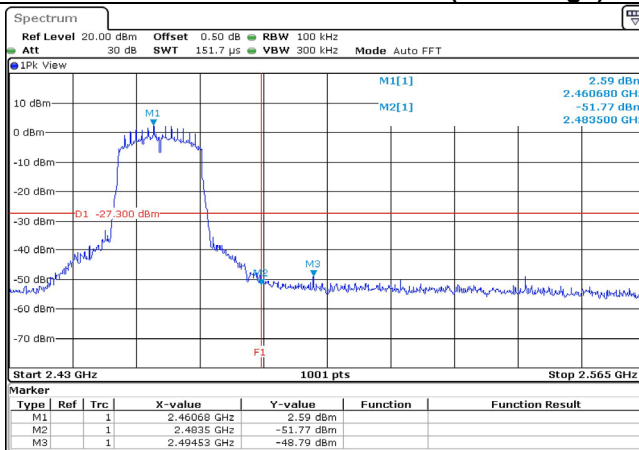
Date: 5 FEB 2024 18:36:48

802.11ac20 / Chain A / 2412 MHz (Band Edge)

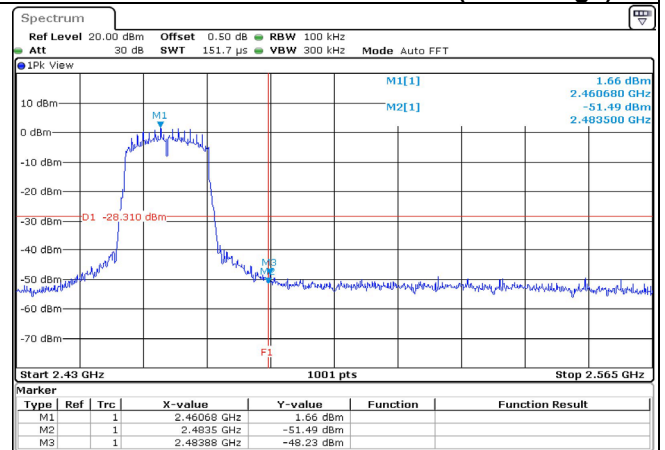
Date: 5 FEB 2024 18:41:23

802.11ac20 / Chain B / 2412 MHz (Band Edge)

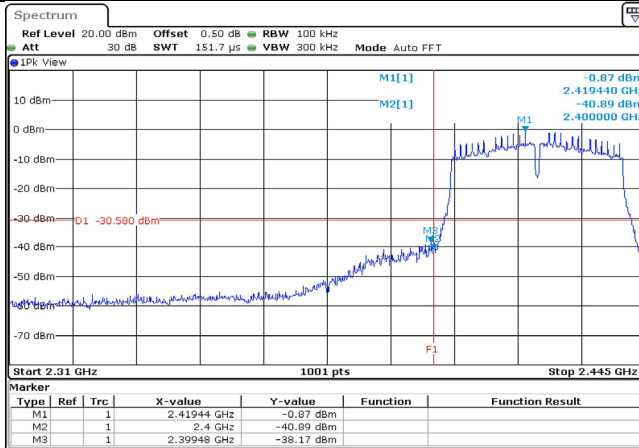
Date: 5 FEB 2024 18:45:27

802.11ac20 / Chain A / 2462 MHz (Band Edge)

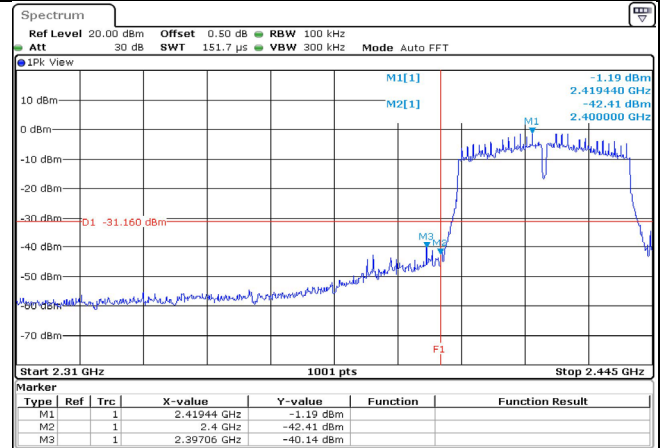
Date: 5 FEB 2024 18:55:19

802.11ac20 / Chain B / 2462 MHz (Band Edge)

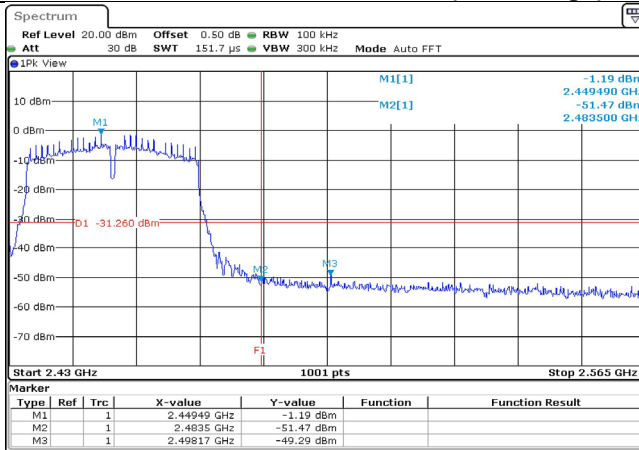
Date: 5 FEB 2024 18:57:37

802.11ac40 / Chain A / 2422 MHz (Band Edge)

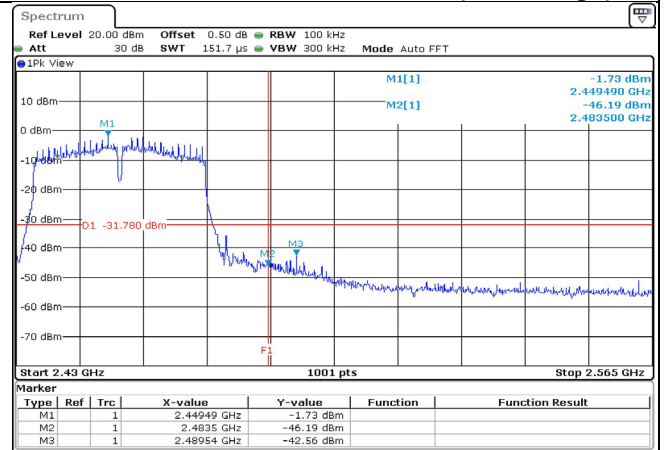
Date: 5 FEB 2024 19:21:45

802.11ac40 / Chain B / 2422 MHz (Band Edge)

Date: 5 FEB 2024 19:18:13

802.11ac40 / Chain A / 2452 MHz (Band Edge)

Date: 5 FEB 2024 19:34:30

802.11ac40 / Chain B / 2452 MHz (Band Edge)

Date: 5 FEB 2024 19:32:29