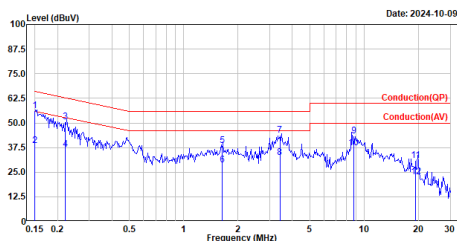


Appendix A. Test Result of AC Power Line Conducted Emission

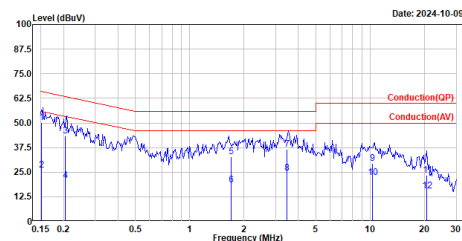
Site :HY-SR01
Condition :Line
Mode :TX_ax40_2437MHz
test by :Neko



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	Limit	Level	dB	
1	0.150	56.16	65.99	-9.83	46.48	9.68	QP
2	0.150	38.39	55.99	-17.60	28.71	9.68	Average
3	0.222	50.47	62.76	-12.29	40.79	9.68	QP
4	0.222	36.61	52.76	-16.15	26.93	9.68	Average
5	1.641	38.59	56.00	-17.41	28.80	9.79	QP
6	1.641	28.63	46.00	-17.37	18.84	9.79	Average
7	3.409	43.68	56.00	-12.32	33.38	10.30	QP
8	3.409	32.51	46.00	-13.49	22.21	10.30	Average
9	8.722	43.25	60.00	-16.75	32.44	10.81	QP
10	8.722	37.19	50.00	-12.81	26.38	10.81	Average
11	19.263	30.85	60.00	-29.15	20.16	10.69	QP
12	19.263	22.51	50.00	-27.49	11.82	10.69	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 :TX_ax40_2437MHz
test by :Neko



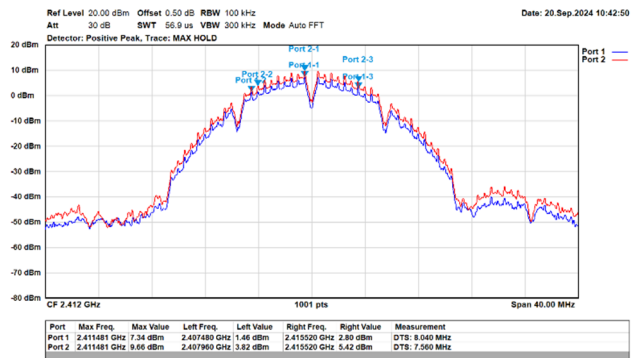
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	Limit	Level	dB	
1	0.151	59.25	65.92	-15.67	40.59	9.66	QP
2	0.151	26.01	55.92	-29.91	16.35	9.66	Average
3	0.205	43.25	63.40	-20.15	33.59	9.66	QP
4	0.205	20.75	53.40	-32.65	11.09	9.66	Average
5	1.695	32.73	56.00	-23.27	22.96	9.77	QP
6	1.695	18.48	46.00	-27.52	8.71	9.77	Average
7	3.444	36.55	56.00	-19.45	26.26	10.29	QP
8	3.444	24.58	46.00	-21.42	14.29	10.29	Average
9	10.280	29.30	60.00	-30.70	18.51	10.79	QP
10	10.280	22.40	50.00	-27.60	11.61	10.79	Average
11	20.618	23.56	60.00	-36.44	12.80	10.76	QP
12	20.618	15.65	50.00	-34.35	4.89	10.76	Average

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

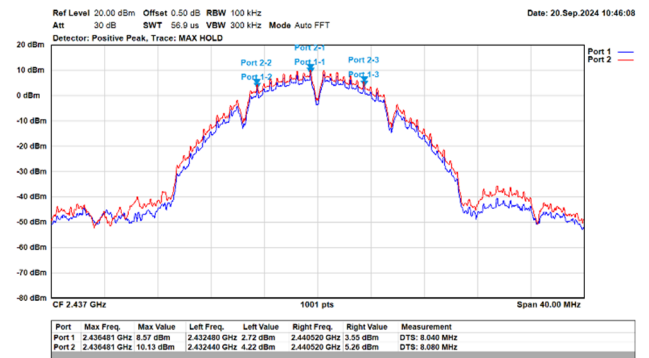
Appendix B. 6 dB Bandwidth

Modulation	Frequency (MHz)	DTS Bandwidth (MHz)		Limit (MHz)	Result
		Ant. 1	Ant. 2		
802.11b (20MHz)	2412	8.04	7.56	0.50	Pass
	2437	8.04	8.08	0.50	Pass
	2462	8.04	8.04	0.50	Pass
802.11g (20MHz)	2412	16.32	16.36	0.50	Pass
	2437	16.04	16.00	0.50	Pass
	2462	16.40	15.64	0.50	Pass
802.11ac (20MHz)	2412	17.72	17.80	0.50	Pass
	2437	17.72	17.64	0.50	Pass
	2462	17.68	17.68	0.50	Pass
802.11ac (40MHz)	2422	36.40	36.40	0.50	Pass
	2437	36.40	36.40	0.50	Pass
	2452	36.40	36.00	0.50	Pass
802.11ax (20MHz)	2412	19.00	18.20	0.50	Pass
	2437	17.84	17.24	0.50	Pass
	2462	18.00	15.88	0.50	Pass
802.11ax (40MHz)	2422	37.44	36.40	0.50	Pass
	2437	25.12	38.00	0.50	Pass
	2452	38.08	38.24	0.50	Pass

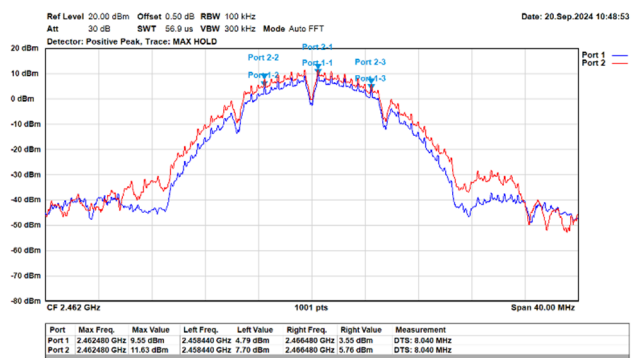
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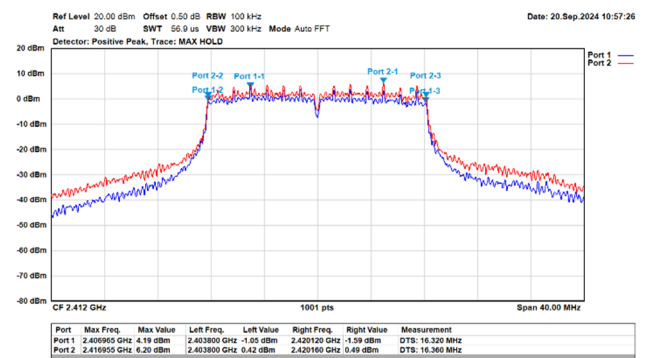
802.11b/20MHz/1M/2437MHz/Ch6



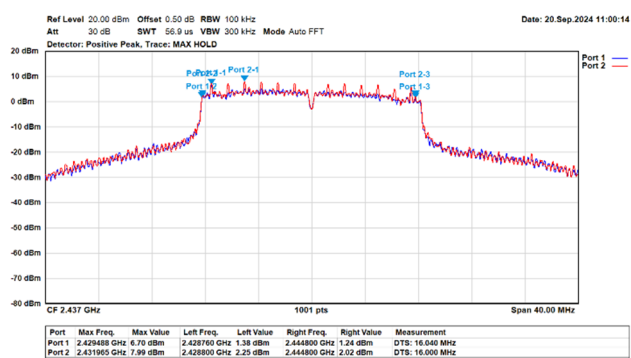
802.11b/20MHz/1M/2462MHz/Ch11



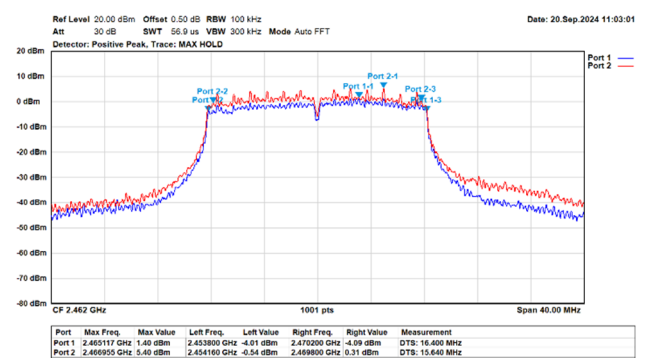
802.11g/20MHz/6M/2412MHz/Ch1



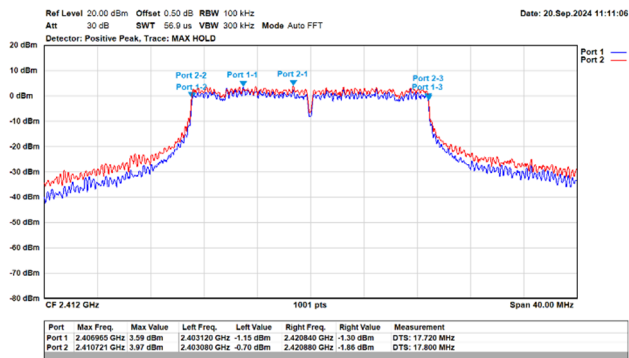
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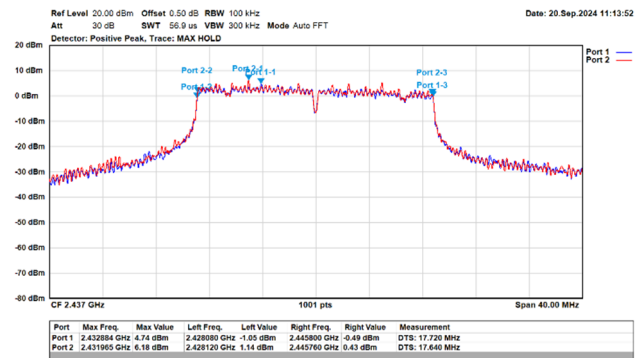
802.11g/20MHz/6M/2462MHz/Ch11



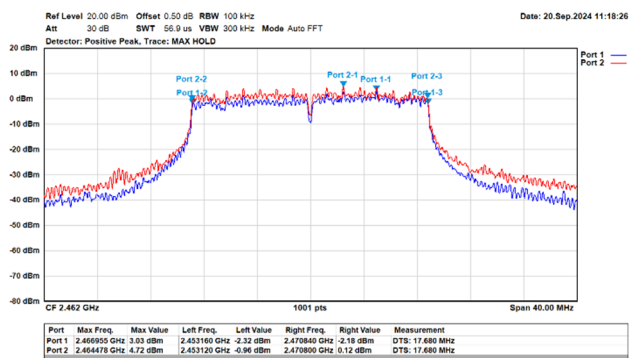
802.11ac/20MHz/MCS0/2412MHz/Ch1



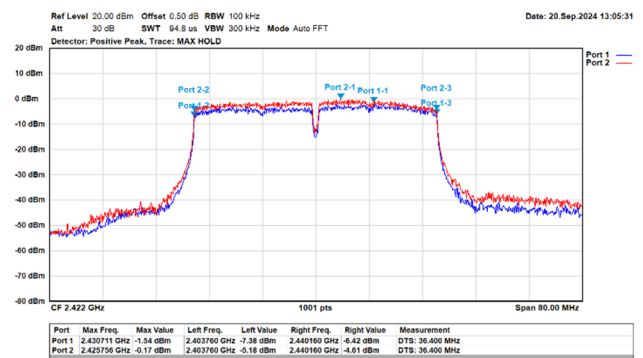
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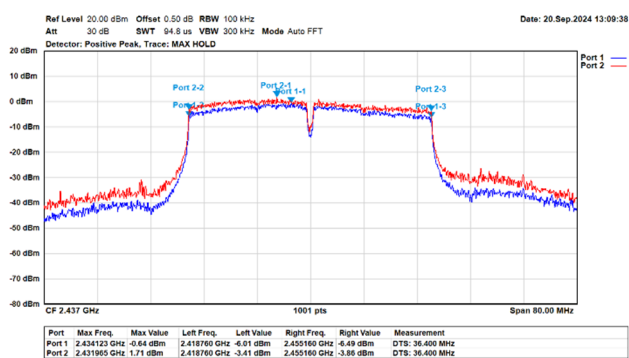
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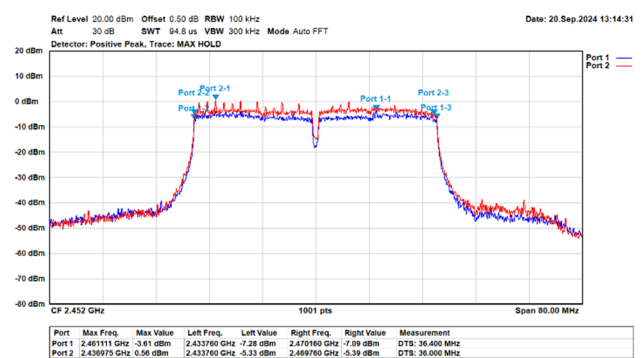
802.11ac/40MHz/MCS0/2422MHz/Ch3



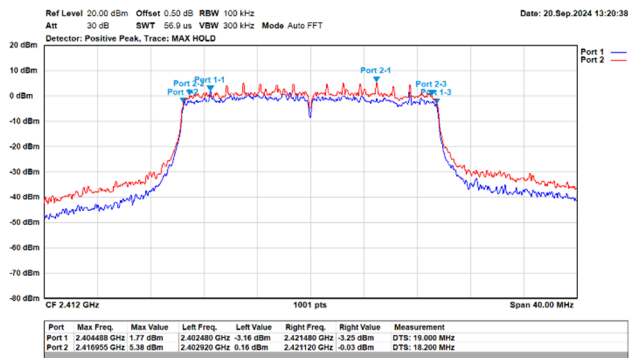
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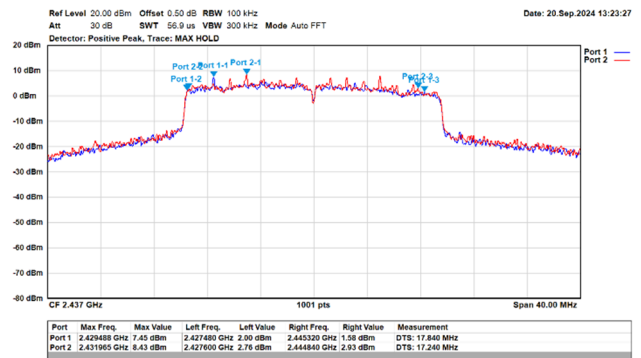
802.11ac/40MHz/MCS0/2452MHz/Ch9



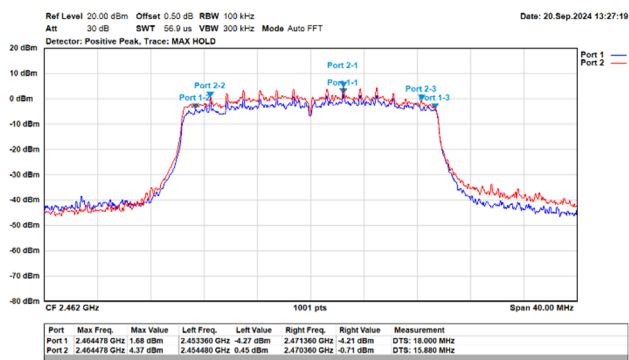
802.11ax/20MHz/MCS0/2412MHz/Ch1



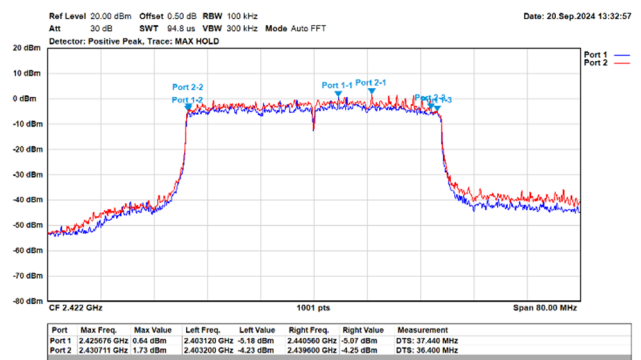
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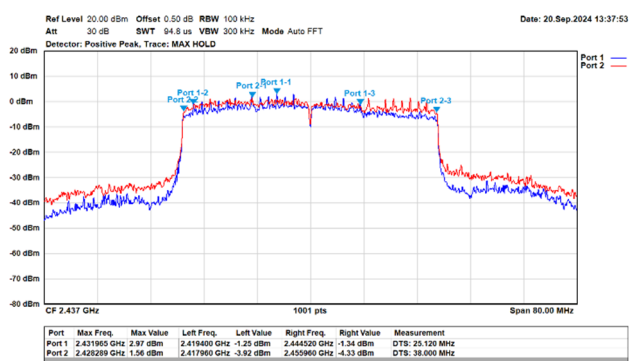
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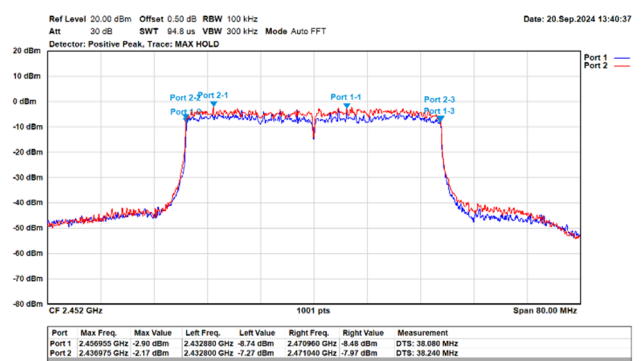
802.11ax/40MHz/MCS0/2422MHz/Ch3



802.11ax/40MHz/MCS0/2437MHz/Ch6



802.11ax/40MHz/MCS0/2452MHz/Ch9



Appendix C. Test Result of Maximum Conducted Output Power

Average

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11b (20MHz)	2412	17.48	19.35	21.53	30.00	Pass
	2437	18.14	19.67	21.98	30.00	Pass
	2462	18.87	20.95	23.04	30.00	Pass
802.11g (20MHz)	2412	16.71	17.98	20.40	30.00	Pass
	2437	19.19	19.41	22.31	30.00	Pass
	2462	14.83	16.92	19.01	30.00	Pass
802.11ac (20MHz)	2412	16.78	18.26	20.59	30.00	Pass
	2437	17.68	17.74	20.72	30.00	Pass
	2462	14.83	16.84	18.96	30.00	Pass
802.11ac (40MHz)	2422	15.70	17.46	19.68	30.00	Pass
	2437	16.66	18.41	20.63	30.00	Pass
	2452	13.57	15.64	17.74	30.00	Pass
802.11ax (20MHz)	2412	15.58	17.41	19.60	30.00	Pass
	2437	19.63	19.75	22.70	30.00	Pass
	2462	13.56	15.78	17.82	30.00	Pass
802.11ax (40MHz)	2422	15.55	17.22	19.48	30.00	Pass
	2437	16.50	18.20	20.44	30.00	Pass
	2452	12.91	14.99	17.08	30.00	Pass

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

Peak

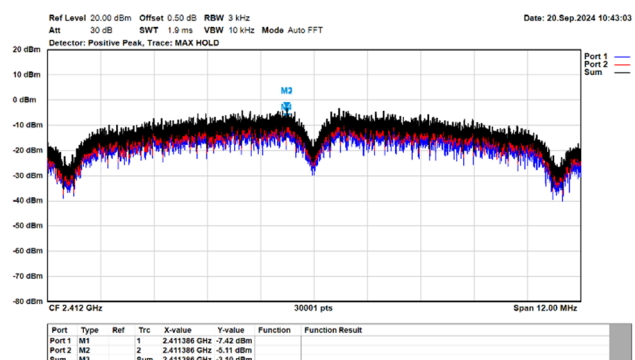
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			Limit (dBm)	Result
		Ant. 1	Ant. 2	Total		
802.11b (20MHz)	2412	19.85	22.28	24.24	30.00	Pass
	2437	20.53	22.07	24.38	30.00	Pass
	2462	21.36	23.14	25.35	30.00	Pass
802.11g (20MHz)	2412	23.06	24.28	26.72	30.00	Pass
	2437	23.96	24.07	27.03	30.00	Pass
	2462	22.50	24.04	26.35	30.00	Pass
802.11ac (20MHz)	2412	23.78	24.46	27.14	30.00	Pass
	2437	23.83	24.03	26.94	30.00	Pass
	2462	23.05	23.83	26.47	30.00	Pass
802.11ac (40MHz)	2422	22.62	24.03	26.39	30.00	Pass
	2437	23.14	24.60	26.94	30.00	Pass
	2452	20.76	22.81	24.92	30.00	Pass
802.11ax (20MHz)	2412	23.11	24.11	26.65	30.00	Pass
	2437	24.14	24.38	27.27	30.00	Pass
	2462	21.17	23.48	25.49	30.00	Pass
802.11ax (40MHz)	2422	23.02	24.32	26.73	30.00	Pass
	2437	23.20	24.07	26.67	30.00	Pass
	2452	20.36	22.84	24.78	30.00	Pass

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

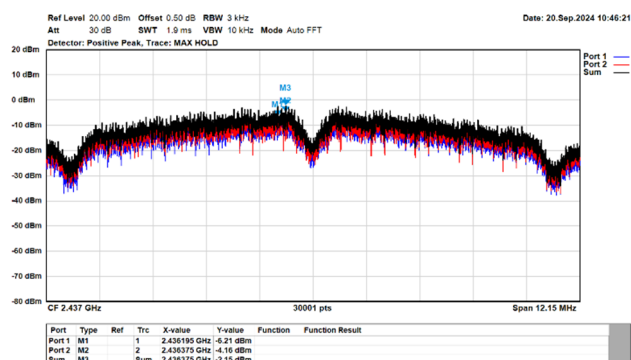
Appendix D. Test Result of Power Spectral Density

Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)			Limit (dBm / 3kHz)	Result
		Ant. 1	Ant. 2	Total		
802.11b (20MHz)	2412	-7.42	-5.11	-3.10	8.00	Pass
	2437	-6.21	-4.16	-2.15	8.00	Pass
	2462	-4.54	-2.46	-0.38	8.00	Pass
802.11g (20MHz)	2412	-9.72	-7.73	-6.39	8.00	Pass
	2437	-4.74	-6.03	-3.76	8.00	Pass
	2462	-10.57	-8.32	-7.29	8.00	Pass
802.11ac (20MHz)	2412	-8.54	-8.42	-6.51	8.00	Pass
	2437	-7.61	-7.74	-5.12	8.00	Pass
	2462	-11.04	-9.31	-7.08	8.00	Pass
802.11ac (40MHz)	2422	-13.38	-11.64	-9.74	8.00	Pass
	2437	-11.37	-10.08	-8.57	8.00	Pass
	2452	-15.23	-13.39	-11.63	8.00	Pass
802.11ax (20MHz)	2412	-11.39	-9.43	-8.21	8.00	Pass
	2437	-6.71	-6.48	-3.60	8.00	Pass
	2462	-12.74	-10.60	-8.86	8.00	Pass
802.11ax (40MHz)	2422	-12.84	-11.36	-10.62	8.00	Pass
	2437	-11.75	-10.49	-9.24	8.00	Pass
	2452	-15.83	-14.30	-12.60	8.00	Pass

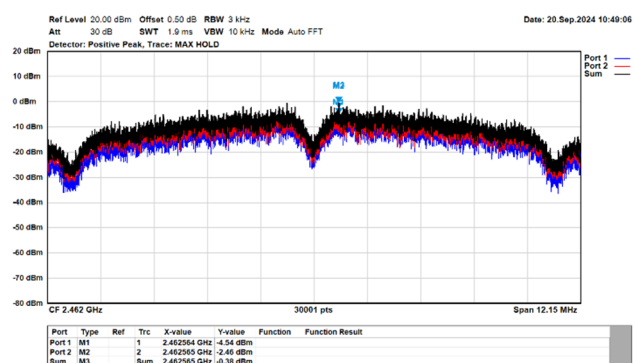
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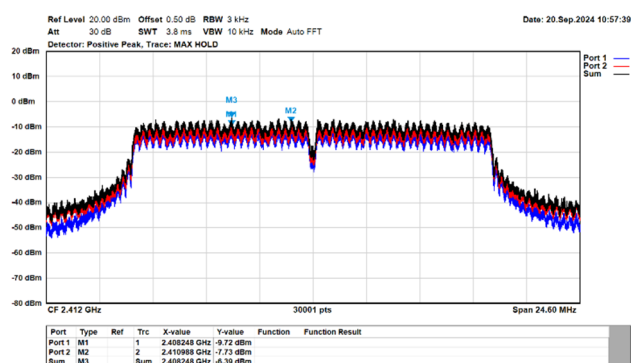
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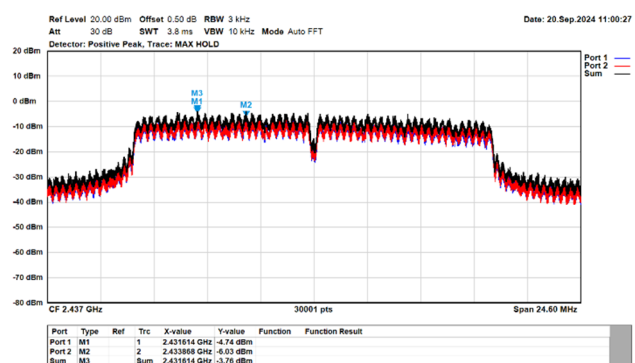
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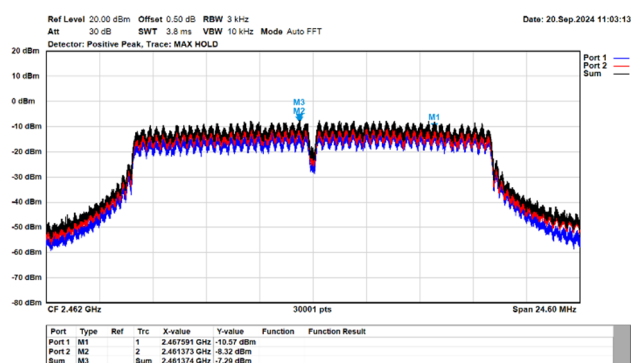
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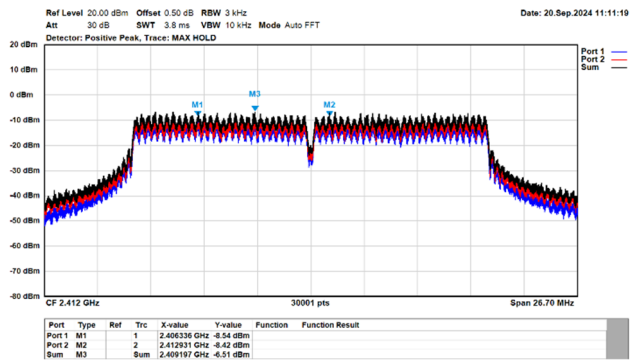
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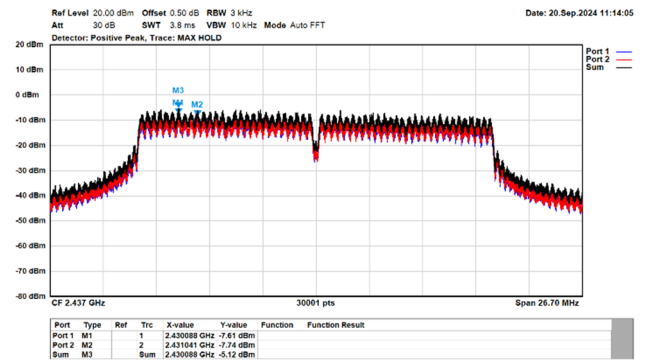
802.11g/20MHz/6M/2462MHz/Ch11



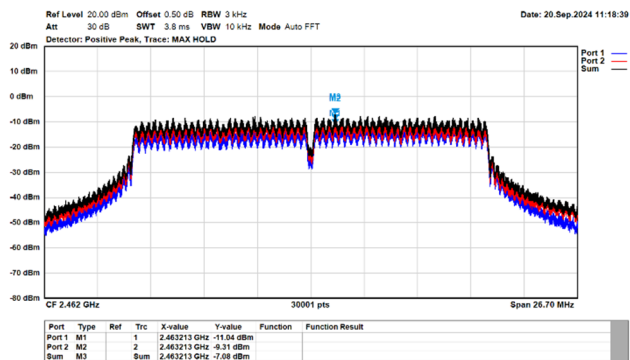
802.11ac/20MHz/MCS0/2412MHz/Ch1



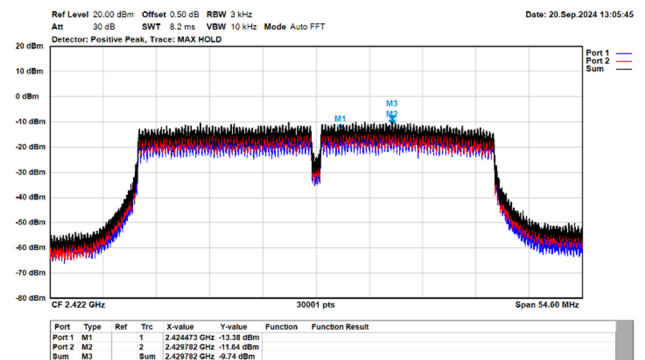
802.11ac/20MHz/MCS0/2437MHz/Ch6



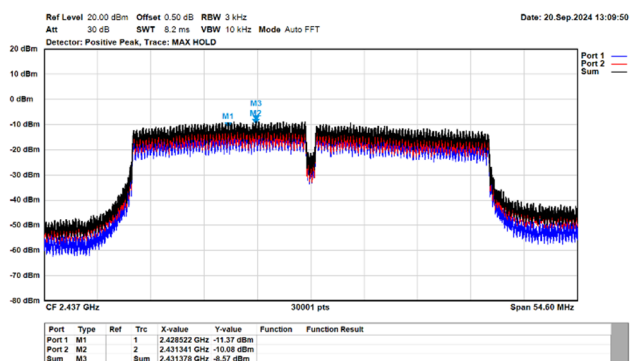
802.11ac/20MHz/MCS0/2462MHz/Ch11



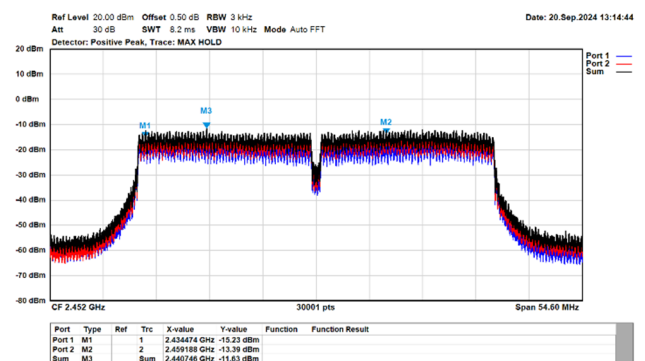
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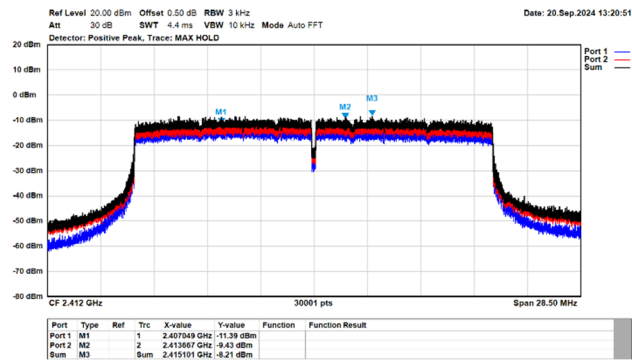
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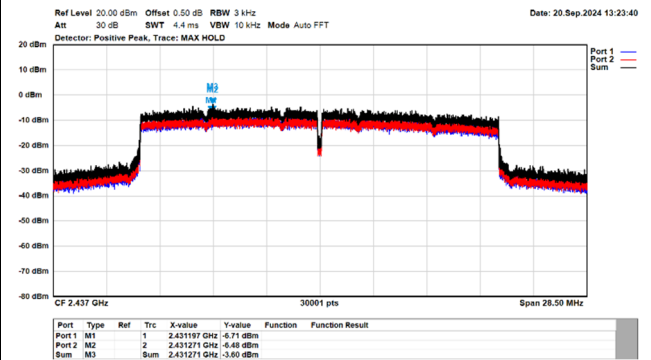
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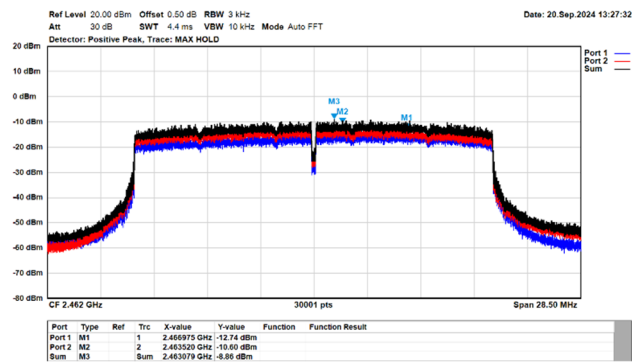
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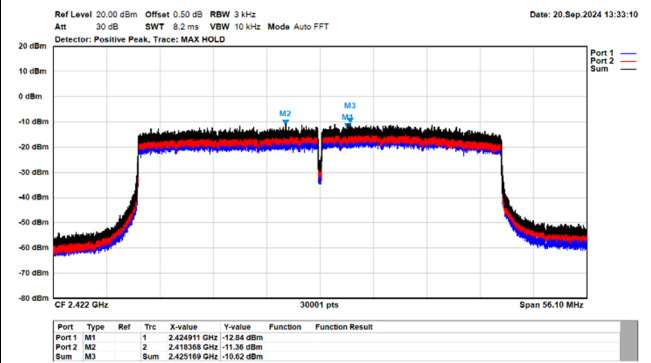
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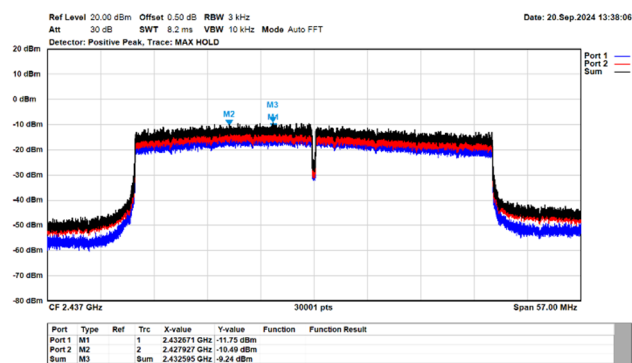
802.11ax/20MHz/MCS0/2462MHz/Ch11



802.11ax/40MHz/MCS0/2422MHz/Ch3



802.11ax/40MHz/MCS0/2437MHz/Ch6



802.11ax/40MHz/MCS0/2452MHz/Ch9

