

Appendix B: Test Results of Radiated Spurious Emissions & Mains

Conducted Emission Test

Band Edges, 2.31GHz ~ 2.9GHz

802.11b

Low Channel (Horizontal) Peak

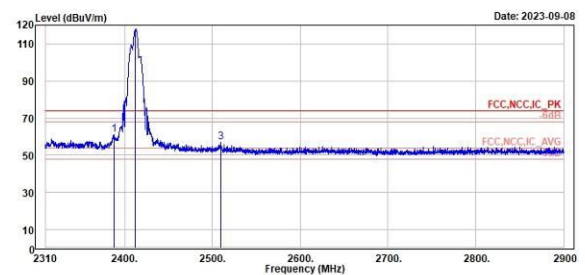
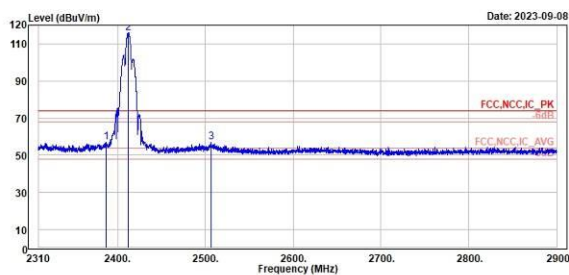
Low Channel (Vertical) Peak



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Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2387.172	56.92	19.35	37.57	74.00	-17.08	366	142	Peak	Horizontal	
2 *	2412.000	115.84	78.19	37.65	74.00	41.84	366	142	Peak	Horizontal	
3	2506.352	56.84	18.98	37.86	74.00	-17.16	366	142	Peak	Horizontal	

Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2387.526	61.08	23.51	37.57	74.00	-12.92	128	128	Peak	Vertical	
2 *	2412.000	118.03	80.38	37.65	74.00	44.03	128	128	Peak	Vertical	
3	2509.066	56.93	19.07	37.86	74.00	-17.07	128	128	Peak	Vertical	

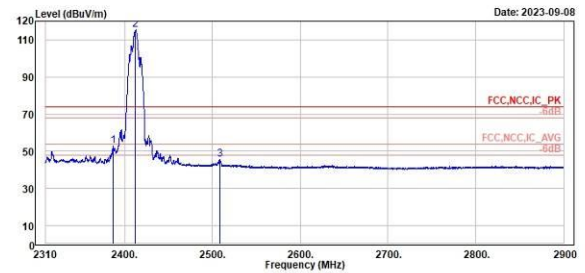
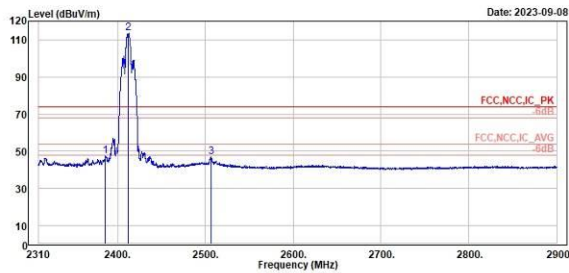
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Low Channel (Horizontal) Average

Low Channel (Vertical) Average

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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2386.118	47.31	9.75	37.56	54.00	-6.69	366	142	Average Horizontal
2	2412.000	113.52	75.87	37.65	54.00	59.52	366	142	Average Horizontal
3	2586.352	46.90	9.04	37.86	54.00	-7.10	366	142	Average Horizontal

Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2387.172	53.12	15.55	37.57	54.00	-0.88	128	128	Average Vertical
2	2412.000	115.56	77.91	37.65	54.00	61.56	128	128	Average Vertical
3	2588.830	45.67	7.81	37.86	54.00	-8.33	128	128	Average Vertical

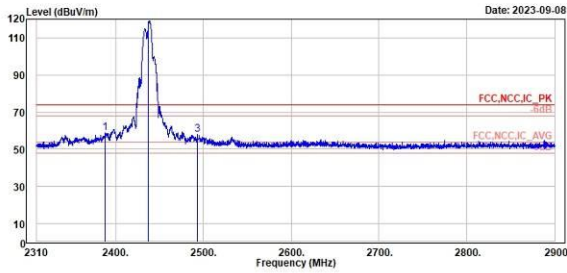
802.11b

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



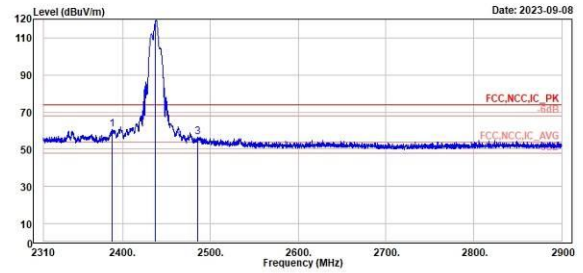
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2388.352	58.04	21.27	37.57	74.00	-15.16	100	146	Peak	Horizontal	
2 *	2437.000	119.25	81.57	37.68	74.00	45.25	100	146	Peak	Horizontal	
3	2492.900	58.05	20.22	37.83	74.00	-15.95	100	146	Peak	Horizontal	



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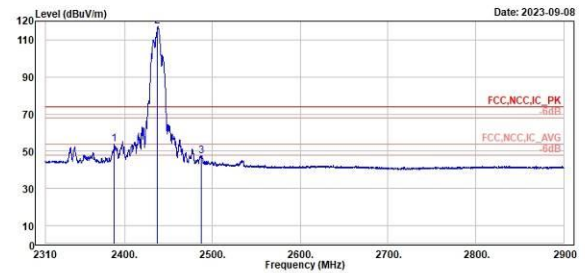
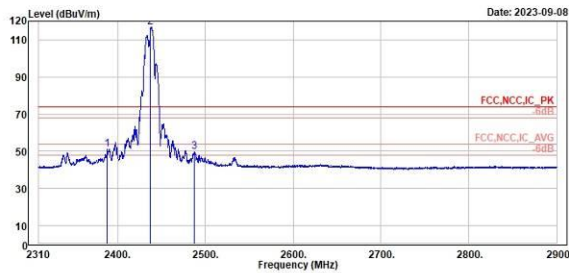


Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2387.990	60.75	23.18	37.57	74.00	-13.25	100	141	Peak	Vertical	
2 *	2437.000	119.65	81.97	37.68	74.00	45.65	100	141	Peak	Vertical	
3	2485.584	56.72	18.92	37.80	74.00	-17.28	100	141	Peak	Vertical	

802.11b

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



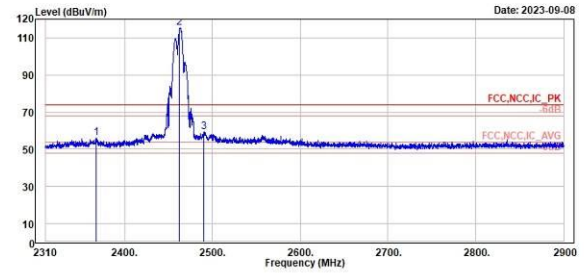
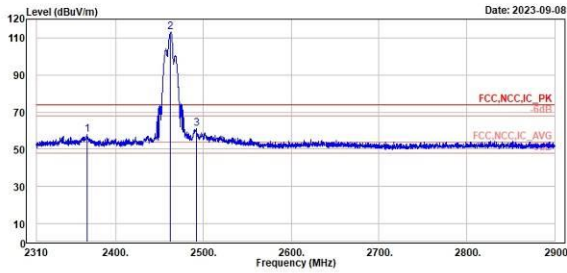
Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 2388.234	51.09	13.52	37.57	54.00	-2.91	100	146	Average	Horizontal	
2 * 2437.000	116.74	79.06	37.68	54.00	62.74	100	146	Average	Horizontal	
3 2487.118	49.53	11.73	37.80	54.00	-4.47	100	146	Average	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 2388.116	53.68	16.11	37.57	54.00	-0.32	100	141	Average	Vertical	
2 * 2437.000	117.11	79.43	37.68	54.00	63.11	100	141	Average	Vertical	
3 2487.000	47.59	9.79	37.80	54.00	-6.41	100	141	Average	Vertical	

802.11b

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2368.056	58.05	20.59	37.46	74.00	-15.95	331	119	Peak	Horizontal	
2	2462.000	113.32	75.59	37.73	74.00	39.32	331	119	Peak	Horizontal	
3	2492.074	60.92	23.10	37.82	74.00	-13.08	331	119	Peak	Horizontal	

Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2367.702	55.99	18.53	37.46	74.00	-18.01	306	134	Peak	Vertical	
2	2462.000	115.48	77.75	37.73	74.00	41.48	306	134	Peak	Vertical	
3	2490.658	59.21	21.39	37.82	74.00	-14.79	306	134	Peak	Vertical	

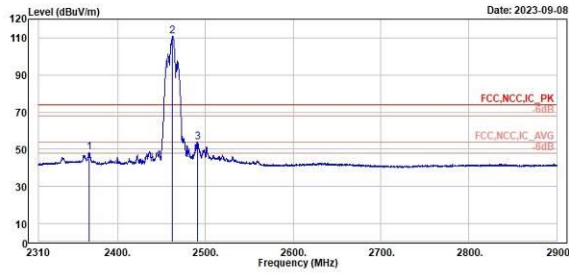
802.11b

High Channel (Horizontal) Average

High Channel (Vertical) Average



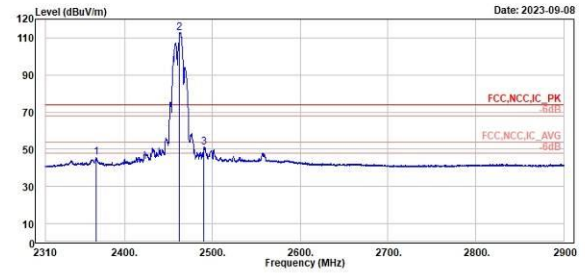
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 2367.584	48.16	10.70	37.46	54.00	-5.84	331	119	Average	Horizontal	
2 * 2462.000	118.87	73.14	37.73	54.00	56.87	331	119	Average	Horizontal	
3 2490.776	53.73	15.91	37.82	54.00	-0.27	331	119	Average	Horizontal	



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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 2368.055	45.41	7.95	37.46	54.00	-0.59	306	134	Average	Vertical	
2 * 2462.000	112.89	75.16	37.73	54.00	58.89	306	134	Average	Vertical	
3 2490.658	50.91	13.09	37.82	54.00	-3.09	306	134	Average	Vertical	

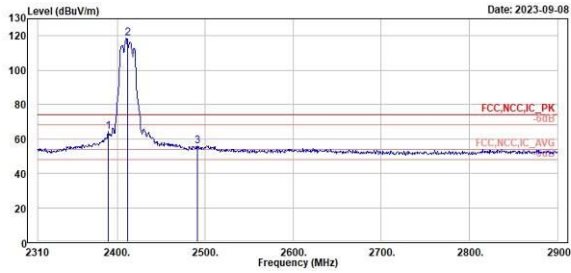
802.11g

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



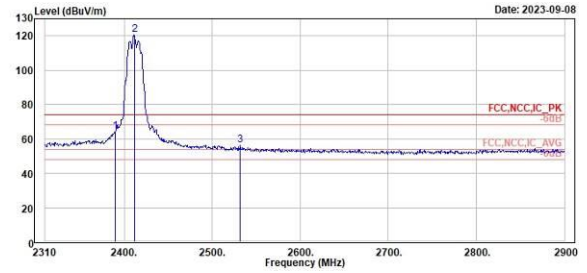
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dBuV/m	dB	cm	deg			
1	2390.248	64.08	26.98	37.10	74.00	-9.92	100	147 Peak	Horizontal
2	2412.000	118.04	81.65	37.19	74.00	44.84	100	147 Peak	Horizontal
3	2491.138	56.01	18.52	37.49	74.00	-17.99	100	147 Peak	Horizontal



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dBuV/m	dB	cm	deg			
1	2389.650	64.34	27.24	37.10	74.00	-9.66	131	132 Peak	Vertical
2	2412.000	128.38	83.19	37.19	74.00	46.38	131	132 Peak	Vertical
3	2531.840	56.41	18.94	37.47	74.00	-17.59	131	132 Peak	Vertical

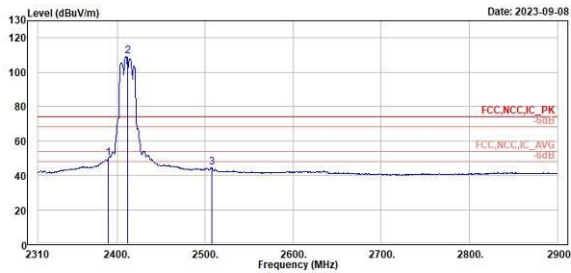
802.11g

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



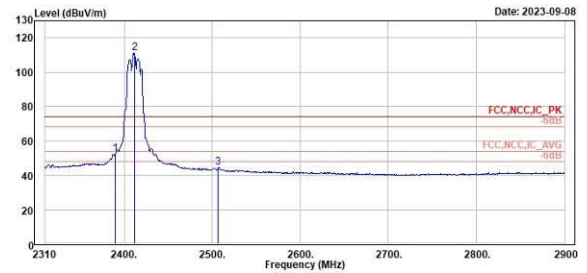
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2390.248	50.11	13.01	37.10	54.00	-3.89	100	147 Average	Horizontal	
2	2412.000	109.11	71.92	37.19	54.00	55.11	100	147 Average	Horizontal	
3	2507.650	44.51	7.02	37.49	54.00	-9.49	100	147 Average	Horizontal	



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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2390.240	52.56	15.46	37.10	54.00	-1.44	131	132 Average	Vertical	
2	2412.000	111.30	74.11	37.19	54.00	57.30	131	132 Average	Vertical	
3	2507.060	44.62	7.12	37.50	54.00	-9.38	131	132 Average	Vertical	

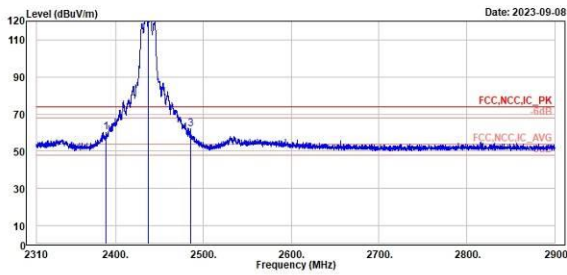
802.11g

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



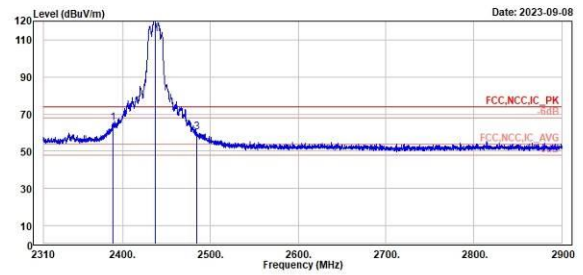
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2388.786	60.33	22.76	37.57	74.00	-13.67	316	272	Peak	Horizontal	
2 *	2437.000	123.73	86.05	37.68	74.00	49.73	316	272	Peak	Horizontal	
3	2484.994	61.96	24.16	37.80	74.00	-12.04	316	272	Peak	Horizontal	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2389.296	65.18	27.60	37.58	74.00	-8.82	100	146	Peak	Vertical	
2 *	2437.000	121.55	83.87	37.68	74.00	47.55	100	146	Peak	Vertical	
3	2484.876	60.30	22.50	37.80	74.00	-13.70	100	146	Peak	Vertical	

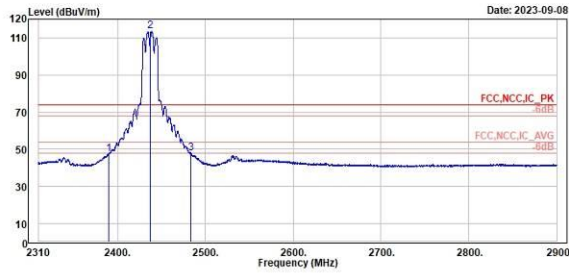
802.11g

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



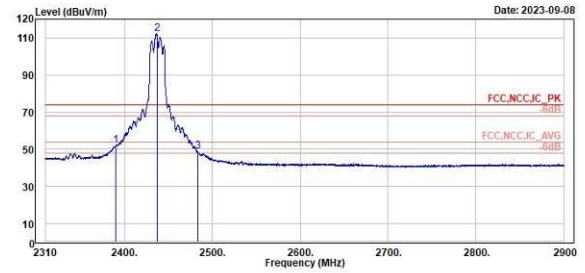
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.532	47.37	9.79	37.58	54.00	-6.63	316	272	Average Horizontal
2	2437.000	113.45	75.77	37.68	54.00	59.45	316	272	Average Horizontal
3	2483.814	47.78	9.98	37.80	54.00	-6.22	316	272	Average Horizontal



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.004	51.79	14.21	37.58	54.00	-2.21	100	146	Average Vertical
2	2437.000	112.34	74.66	37.68	54.00	58.34	100	146	Average Vertical
3	2483.460	48.61	10.81	37.80	54.00	-5.39	100	146	Average Vertical

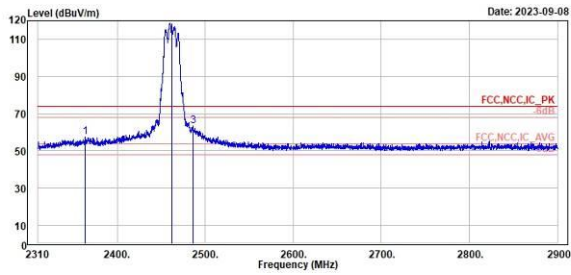
802.11g

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



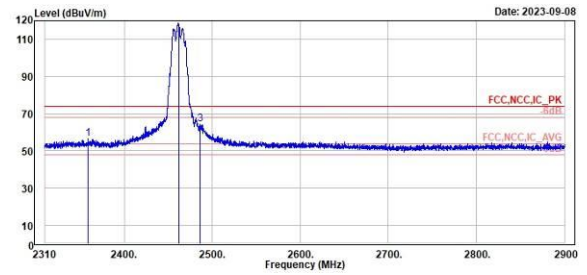
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2364.288	57.68	20.23	37.45	74.00	-16.32	168	151	Peak	Horizontal	
2	2462.000	118.46	89.75	37.73	74.00	44.46	168	151	Peak	Horizontal	
3	2486.646	63.37	25.57	37.80	74.00	-10.63	168	151	Peak	Horizontal	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2358.970	56.36	18.94	37.42	74.00	-17.64	273	186	Peak	Vertical	
2	2462.000	118.81	81.08	37.73	74.00	44.81	273	186	Peak	Vertical	
3	2486.528	64.20	26.40	37.80	74.00	-9.80	273	186	Peak	Vertical	

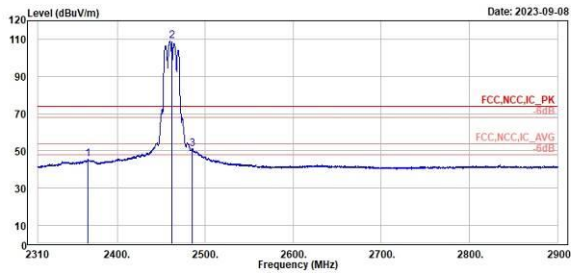
802.11g

High Channel (Horizontal) Average

High Channel (Vertical) Average



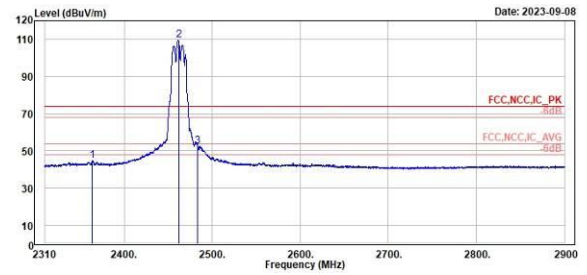
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2366.994	45.51	8.05	37.46	54.00	-8.49	168	151	Average	Horizontal	
2	2462.000	108.97	71.24	37.73	54.00	54.97	168	151	Average	Horizontal	
3	2485.584	51.20	13.40	37.80	54.00	-2.80	168	151	Average	Horizontal	



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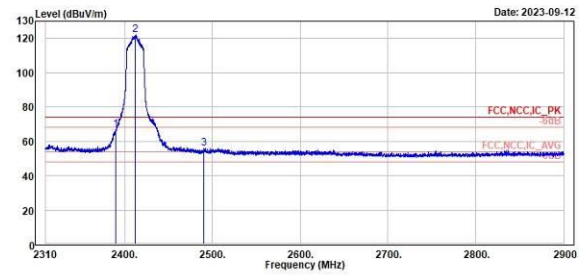
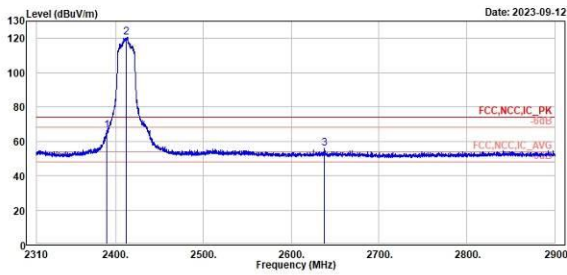


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2364.044	44.51	7.06	37.45	54.00	-9.49	273	186	Average	Vertical	
2	2462.000	109.61	71.88	37.73	54.00	55.61	273	186	Average	Vertical	
3	2483.460	52.67	14.87	37.80	54.00	-1.33	273	186	Average	Vertical	

802.11ax HE20

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2389.658	66.35	29.25	37.10	74.00	-7.65	263	159	Peak	Horizontal	
2	2412.000	128.77	83.58	37.19	74.00	46.77	263	159	Peak	Horizontal	
3	2638.276	55.94	18.64	37.30	74.00	-18.06	263	159	Peak	Horizontal	

Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2389.768	66.53	29.43	37.10	74.00	-7.47	100	146	Peak	Vertical	
2	2412.000	121.88	84.69	37.19	74.00	47.88	100	146	Peak	Vertical	
3	2498.658	55.99	18.50	37.49	74.00	-18.01	100	146	Peak	Vertical	

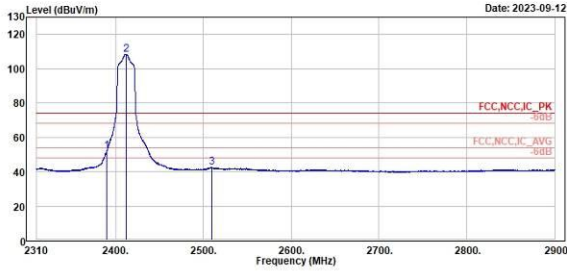
802.11ax HE20

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



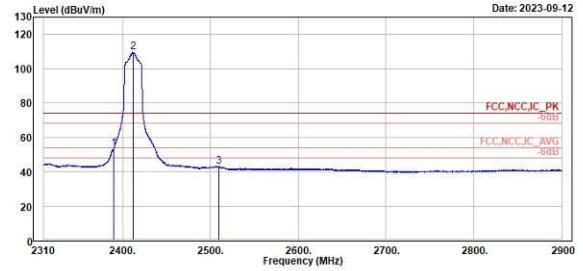
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1	2	3								
Level	Read Level	Limit								
dBuV/m	Factor	Line								
dB	dB/m	dBuV/m								
dB	dB	dB								
cm	deg	cm								
deg	deg	deg								
1 2390.004	52.07	14.97	37.10	54.00	-1.93	263	159	Average	Horizontal	
2 * 2412.000	108.47	71.28	37.19	54.00	54.47	263	159	Average	Horizontal	
3 2509.066	42.40	4.91	37.49	54.00	-11.60	263	159	Average	Horizontal	



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1	2	3								
Level	Read Level	Limit								
dBuV/m	Factor	Line								
dB	dB/m	dBuV/m								
dB	dB	dB								
cm	deg	cm								
deg	deg	deg								
1 2390.004	53.47	16.37	37.10	54.00	-0.53	100	146	Average	Vertical	
2 * 2412.000	109.55	72.36	37.19	54.00	55.55	100	146	Average	Vertical	
3 2509.538	42.99	5.50	37.49	54.00	-11.01	100	146	Average	Vertical	

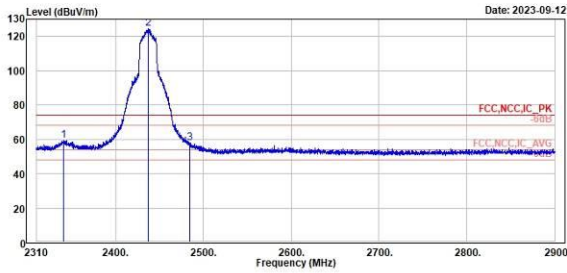
802.11ax HE20

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



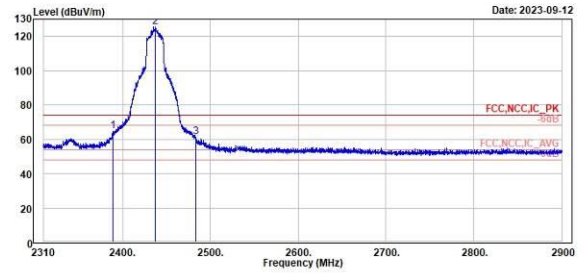
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2340.326	59.50	22.16	37.34	74.00	-14.50	312	136	Peak	Horizontal	
2	2437.000	124.56	86.90	37.68	74.00	50.56	312	136	Peak	Horizontal	
3	2484.484	57.90	20.10	37.80	74.00	-16.10	312	136	Peak	Horizontal	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2389.296	64.85	27.27	37.58	74.00	-9.15	100	146	Peak	Vertical	
2	2437.000	125.51	87.83	37.68	74.00	51.51	100	146	Peak	Vertical	
3	2483.814	61.16	23.36	37.80	74.00	-12.84	100	146	Peak	Vertical	

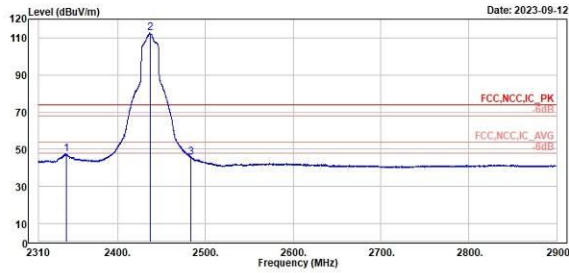
802.11ax HE 20

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



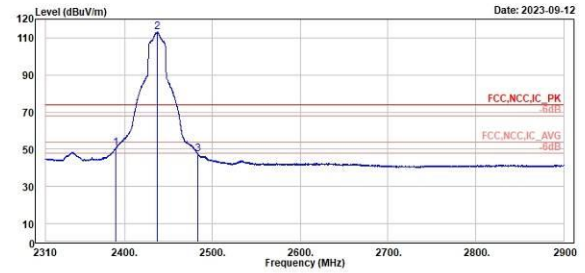
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1	2	3
2341.596	2437.000	2483.696
47.35	112.63	45.76
10.81	74.95	7.96
37.34	37.68	37.80
54.00	54.00	54.00
-6.65	58.63	-8.24
312	312	312
136	136	136
Average	Average	Average
Horizontal	Horizontal	Horizontal



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1	2	3
2390.004	2437.000	2483.696
50.54	113.10	47.54
12.96	75.42	9.74
37.58	37.68	37.80
54.00	54.00	54.00
-3.46	59.19	-6.46
100	100	100
146	146	146
Average	Average	Average
Vertical	Vertical	Vertical

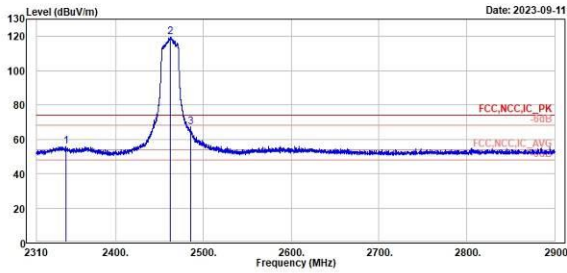
802.11ax HE20

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



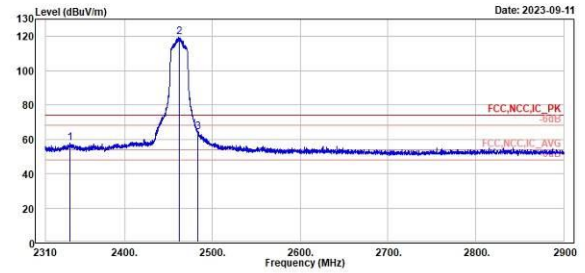
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2343.158	56.05	18.70	37.35	74.00	-17.95	309	269	Peak	Horizontal	
2	2462.000	119.66	81.93	37.73	74.00	45.66	309	269	Peak	Horizontal	
3	2485.466	67.18	29.38	37.80	74.00	-6.82	309	269	Peak	Horizontal	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2337.840	57.61	20.27	37.34	74.00	-16.39	123	149	Peak	Vertical	
2	2462.000	119.52	81.79	37.73	74.00	45.52	123	149	Peak	Vertical	
3	2483.578	64.45	26.65	37.80	74.00	-9.55	123	149	Peak	Vertical	

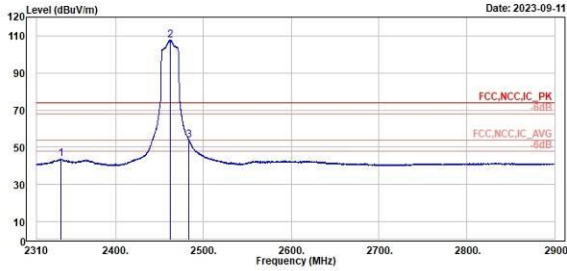
802.11ax HE20

High Channel (Horizontal) Average

High Channel (Vertical) Average



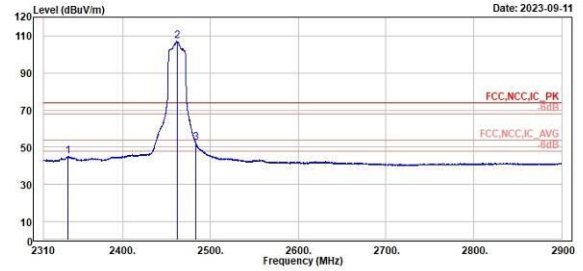
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2337.738	43.88	6.46	37.34	54.00	-10.20	309	269 Average	Horizontal
2 *	2462.000	107.61	69.88	37.73	54.00	53.61	309	269 Average	Horizontal
3 !	2483.468	53.87	16.07	37.80	54.00	-0.13	309	269 Average	Horizontal



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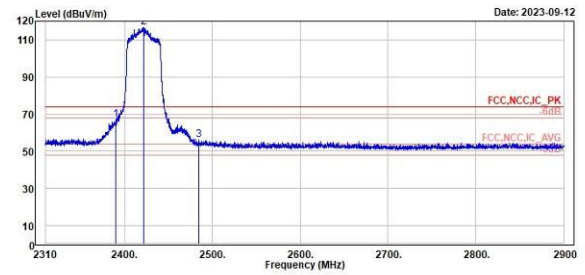
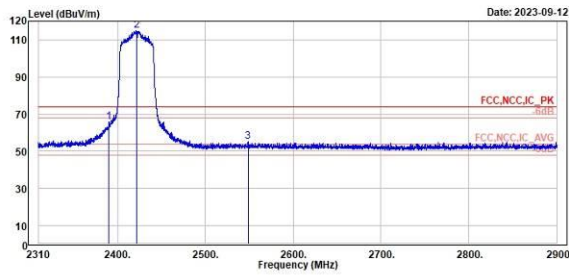


Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2337.966	45.05	7.71	37.34	54.00	-0.95	123	149 Average	Vertical
2 *	2462.000	107.33	69.68	37.73	54.00	53.33	123	149 Average	Vertical
3 !	2483.814	52.48	14.68	37.80	54.00	-1.52	123	149 Average	Vertical

802.11ax HE40

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2390.004	65.61	28.83	37.58	74.00	-8.39	316	137	Peak	Horizontal	
2 *	2422.000	114.88	77.22	37.66	74.00	40.88	316	137	Peak	Horizontal	
3	2548.596	55.01	17.10	37.91	74.00	-18.99	316	137	Peak	Horizontal	

Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2390.004	67.24	29.66	37.58	74.00	-6.76	100	146	Peak	Vertical	
2 *	2422.000	116.68	78.94	37.66	74.00	42.68	100	146	Peak	Vertical	
3	2484.640	55.97	18.17	37.80	74.00	-18.03	100	146	Peak	Vertical	

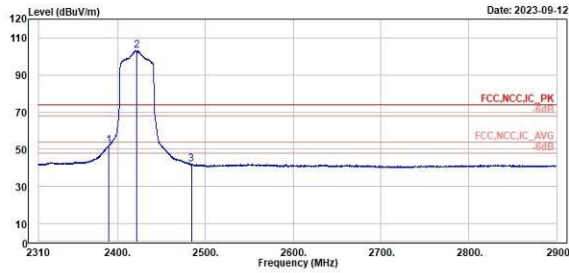
802.11ax HE40

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



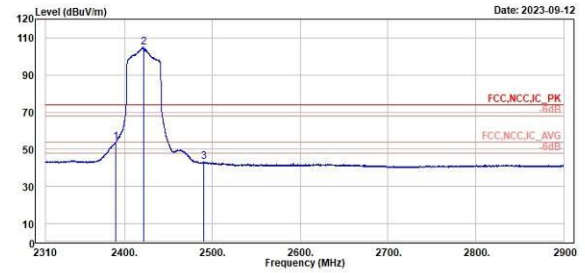
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 2390.004	51.97	14.39	37.58	54.00	-2.03	316	137 Average	Horizontal	
2 * 2422.000	103.31	65.65	37.66	54.00	49.31	316	137 Average	Horizontal	
3 2483.932	42.09	4.29	37.80	54.00	-11.91	316	137 Average	Horizontal	



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 2389.650	53.92	16.34	37.58	54.00	-0.08	100	146 Average	Vertical	
2 * 2422.000	105.00	67.34	37.66	54.00	51.00	100	146 Average	Vertical	
3 2490.540	43.22	5.40	37.82	54.00	-10.78	100	146 Average	Vertical	

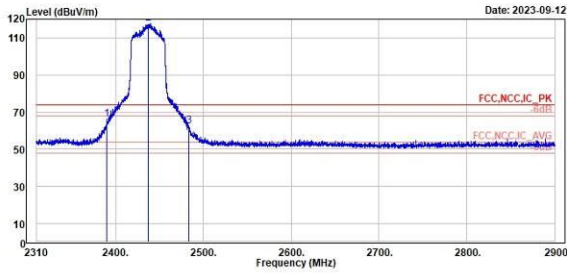
802.11ax HE40

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



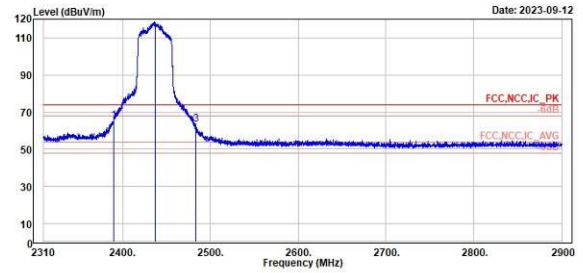
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.886	66.32	28.74	37.58	74.00	-7.68	226	157 Peak	Horizontal
2	* 2437.000	117.58	79.90	37.68	74.00	43.58	226	157 Peak	Horizontal
3	2483.696	62.64	24.84	37.80	74.00	-11.36	226	157 Peak	Horizontal



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.760	65.47	27.89	37.58	74.00	-8.53	100	145 Peak	Vertical
2	* 2437.000	118.69	81.01	37.68	74.00	44.69	100	145 Peak	Vertical
3	2483.696	63.22	25.42	37.80	74.00	-10.78	100	145 Peak	Vertical

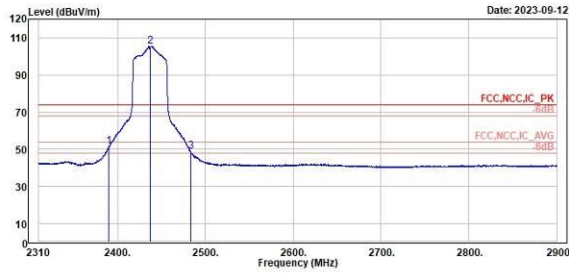
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Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



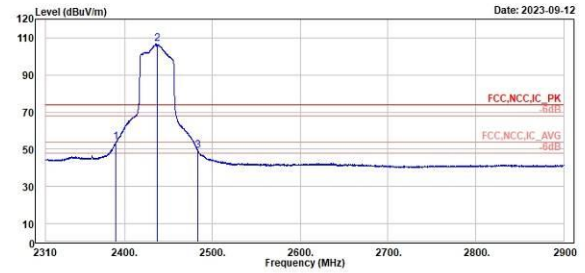
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 2390.004	51.35	13.77	37.58	54.00	-2.65	226	157	Average	Horizontal	
2 * 2437.000	105.57	67.89	37.68	54.00	51.57	226	157	Average	Horizontal	
3 2483.578	48.72	10.92	37.80	54.00	-5.28	226	157	Average	Horizontal	



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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 2390.004	53.76	16.18	37.58	54.00	-0.24	100	145	Average	Vertical	
2 * 2437.000	106.68	68.92	37.68	54.00	52.68	100	145	Average	Vertical	
3 2483.578	49.08	11.28	37.80	54.00	-4.92	100	145	Average	Vertical	

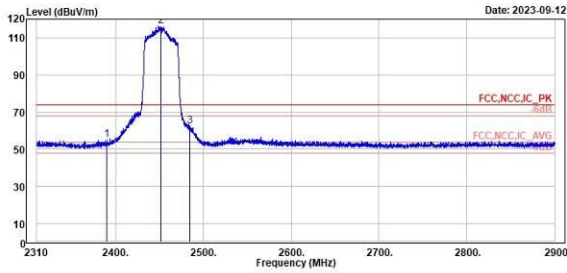
802.11ax HE40

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



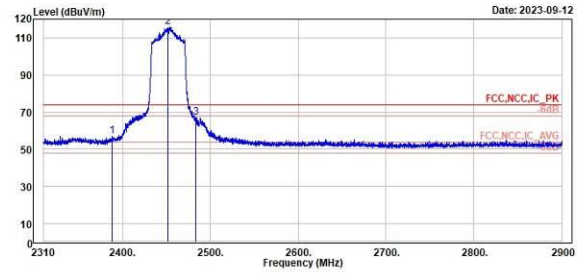
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2390.004	55.07	17.49	37.58	74.00	-18.93	316	267	Peak	Horizontal	
2 *	2452.000	116.16	78.47	37.69	74.00	42.16	316	267	Peak	Horizontal	
3	2484.758	62.42	24.62	37.80	74.00	-11.58	316	267	Peak	Horizontal	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2387.889	57.12	19.55	37.57	74.00	-16.88	127	150	Peak	Vertical	
2 *	2452.000	116.07	78.38	37.69	74.00	42.07	127	150	Peak	Vertical	
3	2483.578	66.97	29.17	37.80	74.00	-7.03	127	150	Peak	Vertical	

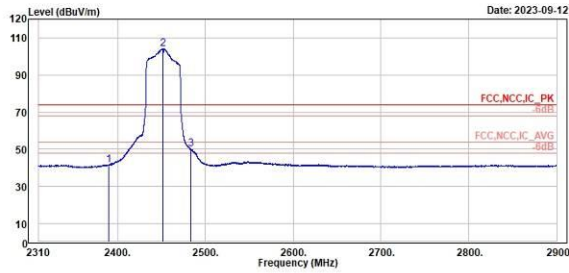
802.11ax HE40

High Channel (Horizontal) Average

High Channel (Vertical) Average



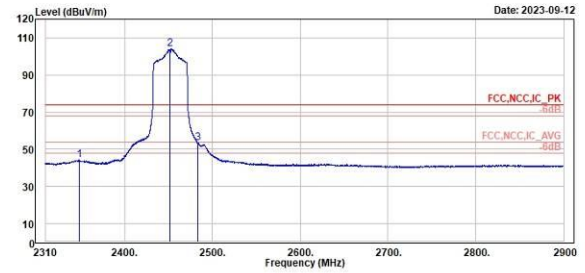
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.658	41.73	4.15	37.58	54.00	-12.27	316	267	Average	Horizontal
2	* 2452.000	104.22	66.53	37.69	54.00	50.22	316	267	Average	Horizontal
3	! 2483.814	50.29	12.49	37.80	54.00	-3.71	316	267	Average	Horizontal



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2347.996	44.23	6.86	37.37	54.00	-9.77	127	150	Average	Vertical
2	* 2452.000	104.19	66.58	37.69	54.00	50.19	127	150	Average	Vertical
3	! 2483.460	53.56	15.76	37.80	54.00	-0.44	127	150	Average	Vertical

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

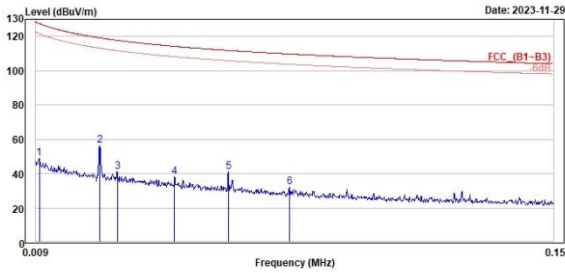
Co-Location

(Open) 9kHz~150kHz

(Open) 150kHz~30MHz



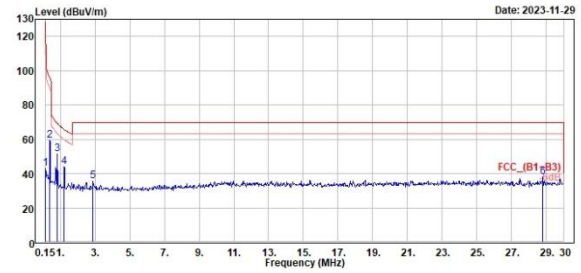
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	PoL/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	48.74	31.02	17.72	127.60	-78.86	100	214 Peak	Open
2	0.03	56.54	37.59	18.95	119.13	-62.59	100	238 Peak	Open
3	0.03	40.87	21.67	19.20	117.69	-76.82	100	300 Peak	Open
4	0.05	38.14	19.00	19.14	114.19	-76.05	100	281 Peak	Open
5	0.06	41.11	22.26	18.85	111.82	-70.71	100	14 Peak	Open
6	0.06	31.91	13.47	18.44	109.73	-77.82	100	135 Peak	Open



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	PoL/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.15	42.86	24.73	18.13	104.00	-61.22	100	286 Peak	Open
2	0.39	59.34	40.55	18.79	95.81	-36.47	100	360 Peak	Open
3	0.81	51.30	32.31	18.99	69.36	-18.06	100	3 Peak	Open
4	1.22	43.97	24.83	19.14	65.65	-21.68	100	24 Peak	Open
5	2.90	35.40	15.80	19.60	69.50	-34.10	100	4 Peak	Open
6	28.81	38.21	15.89	22.32	69.50	-31.29	100	160 Peak	Open

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

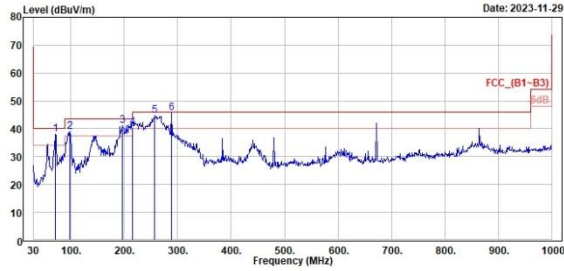
Co-Location

(Horizontal)

(Vertical)



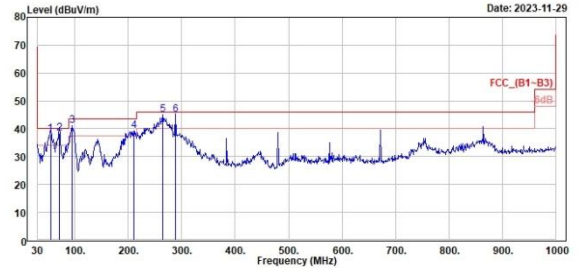
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	70.74	38.15	48.20	-10.13	40.00	-1.85	300	192	Peak	Horizontal
2	97.90	38.89	51.31	-12.42	43.50	-4.61	200	103	Peak	Horizontal
3	196.84	41.11	50.77	-9.66	43.50	-2.39	100	271	Peak	Horizontal
4	215.27	40.34	50.10	-9.76	43.50	-3.16	100	280	QP	Horizontal
5	256.98	44.80	52.67	-7.87	46.00	-1.20	100	206	Peak	Horizontal
6	288.02	45.48	52.32	-6.84	46.00	-0.52	100	266	Peak	Horizontal



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	54.25	37.92	44.91	-6.99	40.00	-2.08	100	222	QP	Vertical
2	70.74	38.38	48.51	-10.13	40.00	-1.62	100	80	QP	Vertical
3	94.99	41.07	53.99	-12.92	43.50	-2.43	100	184	Peak	Vertical
4	210.42	39.38	49.33	-9.95	43.50	-4.12	200	142	Peak	Vertical
5	263.77	44.88	52.54	-7.66	46.00	-1.12	100	180	Peak	Vertical
6	288.02	44.96	51.00	-6.04	46.00	-1.04	137	274	QP	Vertical

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

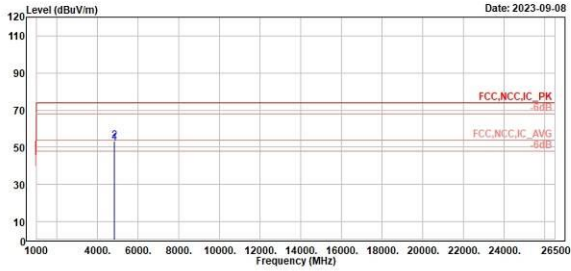
802.11b

Low Channel (Horizontal)

Low Channel (Vertical)



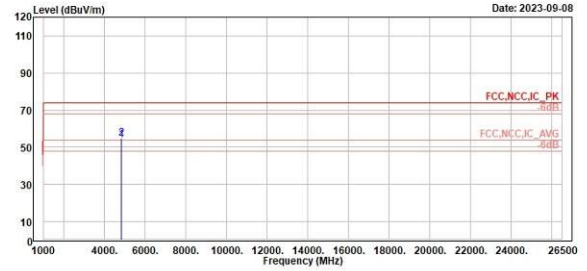
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 4824.000	52.00	62.34	-10.34	54.00	-2.00	117	128	Average	Horizontal	
2 4824.000	53.45	63.79	-10.34	74.00	-20.55	117	128	Peak	Horizontal	



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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 4824.000	53.67	64.01	-10.34	54.00	-0.33	219	202	Average	Vertical	
2 4824.000	54.76	65.10	-10.34	74.00	-19.24	219	202	Peak	Vertical	

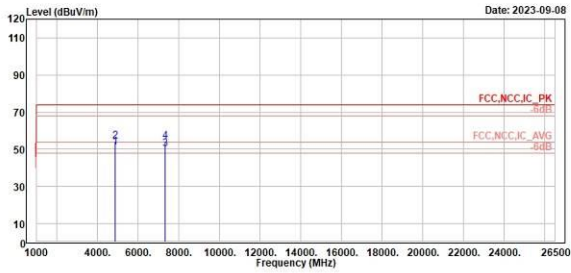
802.11b

Middle Channel (Horizontal)

Middle Channel (Vertical)



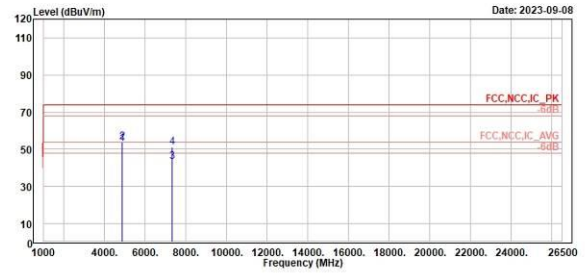
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
1	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
1	4874.000	51.23	61.56	-10.33	54.00	-2.77	118	127 Average	Horizontal										
2	4874.000	54.44	64.77	-10.33	74.00	-19.56	118	127 Peak	Horizontal										
3	7311.000	50.27	58.76	-8.49	54.00	-3.73	322	150 Average	Horizontal										
4	7311.000	54.17	62.66	-8.49	74.00	-19.83	322	150 Peak	Horizontal										



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
1	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
1	4874.000	52.87	63.20	-10.33	54.00	-1.13	187	213 Average	Vertical										
2	4874.000	53.87	64.20	-10.33	74.00	-20.13	187	213 Peak	Vertical										
3	7311.000	43.42	51.91	-8.49	54.00	-16.58	138	82 Average	Vertical										
4	7311.000	50.89	59.38	-8.49	74.00	-23.11	138	82 Peak	Vertical										

802.11b

High Channel (Horizontal)

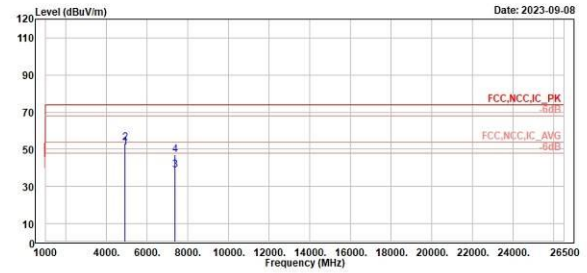
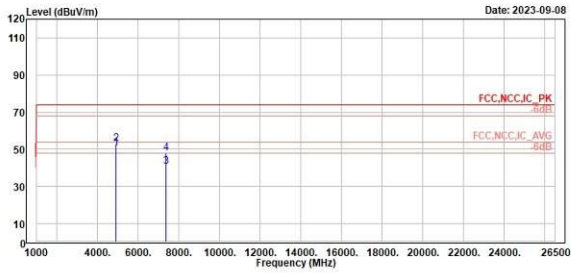
High Channel (Vertical)



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	Level	Read	Level	Factor	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note									
1	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
1	4924.000	50.70	61.01	-10.31	54.00	-3.30	213	242	Average	Horizontal										
2	4924.000	53.11	63.42	-10.31	74.00	-20.89	213	242	Peak	Horizontal										
3	7386.000	40.80	49.26	-8.46	54.00	-13.20	266	136	Average	Horizontal										
4	7386.000	48.05	56.51	-8.46	74.00	-25.95	266	136	Peak	Horizontal										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	Level	Read	Level	Factor	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note									
1	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
1	4924.000	51.30	61.61	-10.31	54.00	-2.70	215	216	Average	Vertical										
2	4924.000	53.60	63.91	-10.31	74.00	-20.40	215	216	Peak	Vertical										
3	7386.000	38.90	47.36	-8.46	54.00	-15.10	303	144	Average	Vertical										
4	7386.000	46.98	55.44	-8.46	74.00	-27.02	303	144	Peak	Vertical										

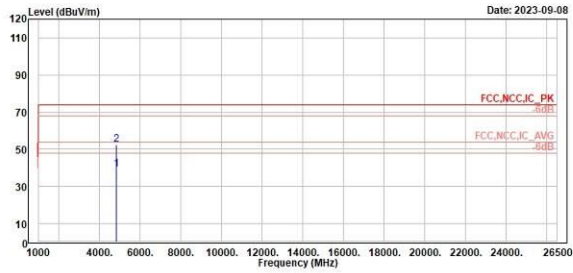
802.11g

Low Channel (Horizontal)

Low Channel (Vertical)



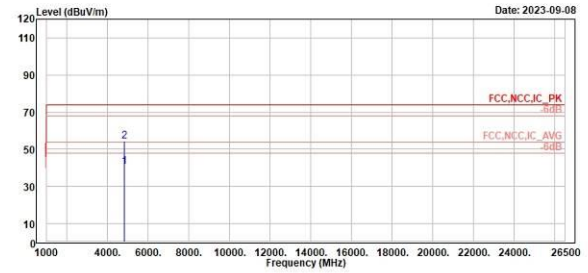
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit	cm	deg			
Factor	Line	Limit					
dB/m	dB/m	dB					
49.35	54.00	-14.99	389	218	Average	Horizontal	
62.74	74.00	-21.60	389	218	Peak	Horizontal	



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit	cm	deg			
Factor	Line	Limit					
dB/m	dB/m	dB					
51.12	54.00	-13.22	192	213	Average	Vertical	
64.47	74.00	-19.67	192	213	Peak	Vertical	

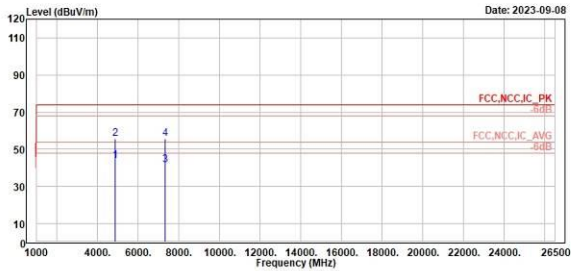
802.11g

Middle Channel (Horizontal)

Middle Channel (Vertical)



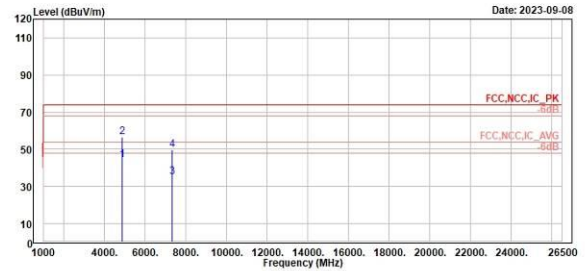
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1	2	3	4						
Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
4874.000	43.97	54.30	-10.33	54.00	-10.03	397	230 Average	Horizontal	
4874.000	55.86	66.19	-10.33	74.00	-18.14	397	230 Peak	Horizontal	
7311.000	41.71	50.20	-8.49	54.00	-12.29	306	149 Average	Horizontal	
7311.000	55.66	64.15	-8.49	74.00	-18.34	306	149 Peak	Horizontal	



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1	2	3	4						
Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
4874.000	44.16	54.49	-10.33	54.00	-9.84	283	216 Average	Vertical	
4874.000	56.78	67.11	-10.33	74.00	-17.22	283	216 Peak	Vertical	
7311.000	35.04	43.53	-8.49	54.00	-18.96	131	78 Average	Vertical	
7311.000	49.57	58.06	-8.49	74.00	-24.43	131	78 Peak	Vertical	

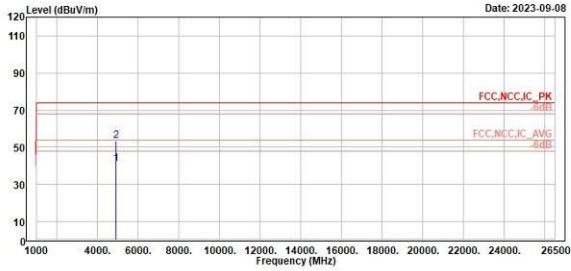
802.11g

High Channel (Horizontal)

High Channel (Vertical)



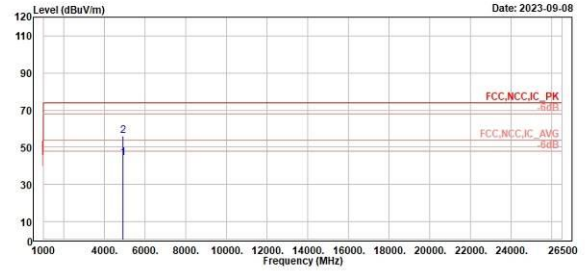
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Line	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.000	40.95	51.26	-10.31	54.00	-13.05	218	243	Average	Horizontal	
2	4924.000	53.37	63.68	-10.31	74.00	-20.63	218	243	Peak	Horizontal	



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Line	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.000	44.40	54.71	-10.31	54.00	-9.60	214	219	Average	Vertical	
2	4924.000	56.16	66.47	-10.31	74.00	-17.04	214	219	Peak	Vertical	

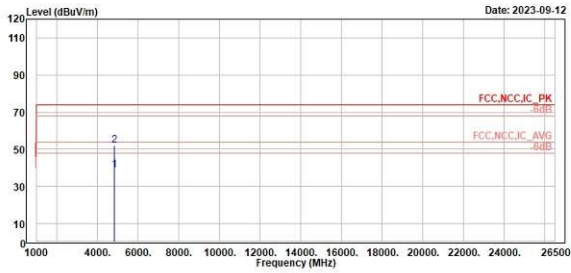
802.11ax HE20

Low Channel (Horizontal)

Low Channel (Vertical)



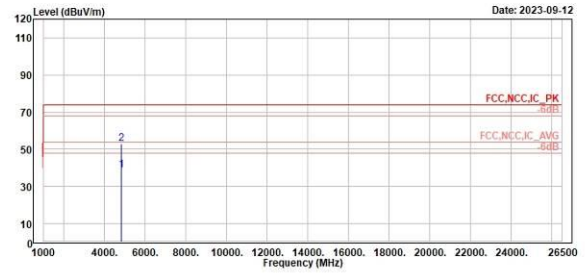
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1	2
4824.000	4824.000
38.61	52.24
48.95	62.58
-10.34	-10.34
54.00	74.00
-15.39	-21.76
210	210
150	150
Average	Peak
Horizontal	Horizontal



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1	2
4824.000	4824.000
38.88	53.14
49.14	63.48
-10.34	-10.34
54.00	74.00
-15.20	-20.66
221	221
206	206
Average	Peak
Vertical	Vertical

802.11ax HE20

Middle Channel (Horizontal)

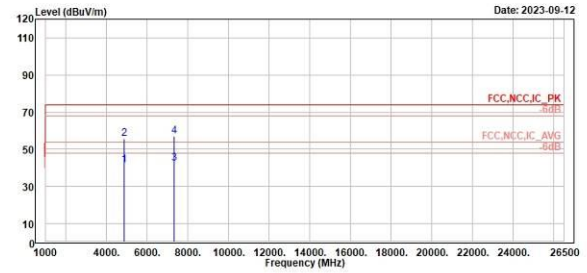
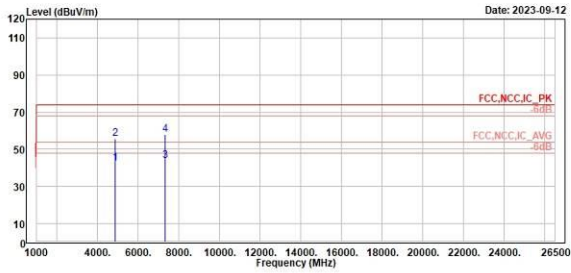
Middle Channel (Vertical)



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note								
1	Level	Level	Factor	Line	Limit	Limit	cm	deg											
1	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
1	4874.000	42.57	52.90	-10.33	54.00	-11.43	397	232	Average	Horizontal									
2	4874.000	55.77	66.10	-10.33	74.00	-18.23	397	232	Peak	Horizontal									
3	7311.000	43.66	52.15	-8.49	54.00	-10.34	292	151	Average	Horizontal									
4	7311.000	57.94	66.43	-8.49	74.00	-16.06	292	151	Peak	Horizontal									

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note								
1	Level	Level	Factor	Line	Limit	Limit	cm	deg											
1	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
1	4874.000	41.62	51.95	-10.33	54.00	-12.38	214	216	Average	Vertical									
2	4874.000	55.57	65.90	-10.33	74.00	-18.43	214	216	Peak	Vertical									
3	7311.000	42.45	50.94	-8.49	54.00	-11.55	373	191	Average	Vertical									
4	7311.000	57.09	65.58	-8.49	74.00	-16.91	373	191	Peak	Vertical									

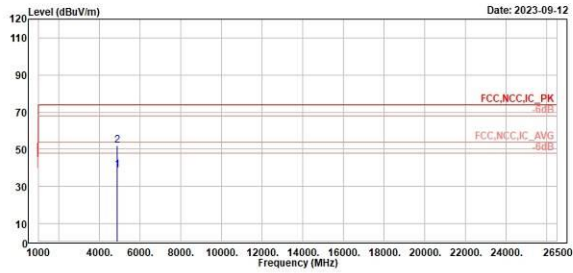
802.11ax HE40

Middle Channel (Horizontal)

Middle Channel (Vertical)



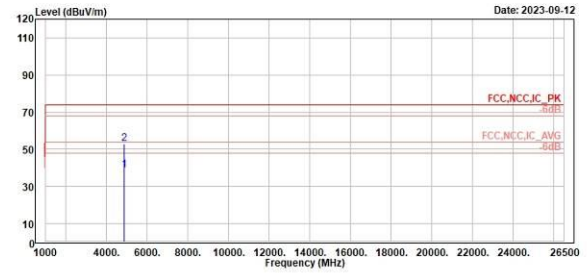
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Read	Level	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
Freq	Level	Level	Factor	Line	Limit	cm	deg												
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
4874.000	51.98	62.31	-10.33	74.00	-22.02	396	225	Average	Horizontal										
4874.000	51.98	62.31	-10.33	74.00	-22.02	396	225	Peak	Horizontal										



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Read	Level	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
Freq	Level	Level	Factor	Line	Limit	cm	deg												
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
4874.000	53.06	63.39	-10.33	74.00	-20.94	217	221	Average	Vertical										
4874.000	53.06	63.39	-10.33	74.00	-20.94	217	221	Peak	Vertical										

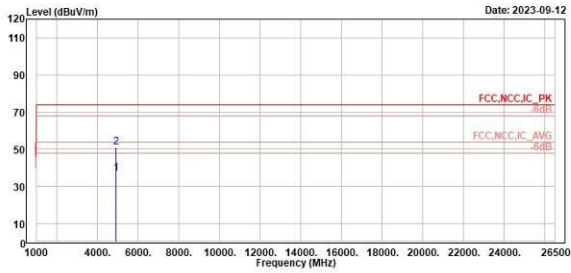
802.11ax HE40

High Channel (Horizontal)

High Channel (Vertical)



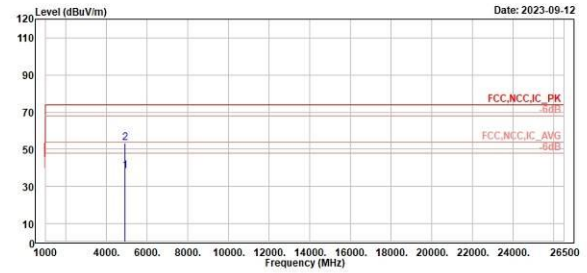
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Read	Level	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
Freq	Level	Level	Factor	Line	Limit	cm	deg												
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
4984.000	37.13	47.50	-10.37	54.00	-16.87	390	234	Average	Horizontal										
4984.000	50.92	61.29	-10.37	74.00	-23.08	390	234	Peak	Horizontal										



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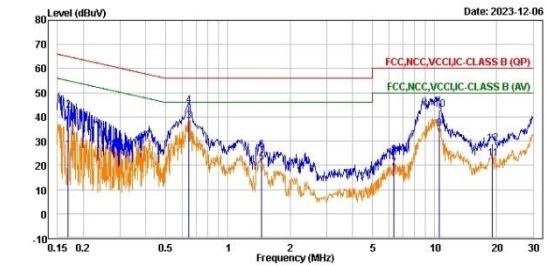
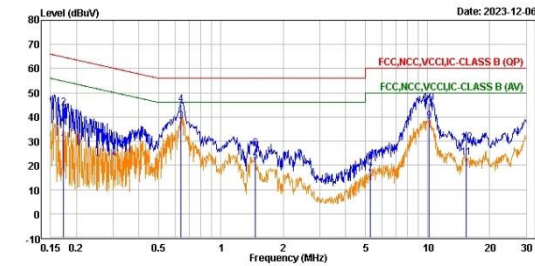
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Read	Level	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
Freq	Level	Level	Factor	Line	Limit	cm	deg												
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
4984.000	38.18	48.47	-10.37	54.00	-15.90	215	221	Average	Vertical										
4984.000	53.28	63.65	-10.37	74.00	-20.72	215	221	Peak	Vertical										

Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

(Line)

(Neutral)



Trace: 1

Freq	Level	Read	Limit	Over	Remark	Pol/Phase	Note
MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.17	29.05	19.43	9.62	54.84	-25.79	Average line1
2	0.17	43.79	34.17	9.62	64.84	-21.05	QP line1
3	0.64	39.39	28.76	9.63	46.00	-7.61	Average line1
4	0.64	45.07	35.44	9.63	56.00	-10.93	QP line1
5	1.46	21.44	11.79	9.65	46.00	-24.56	Average line1
6	1.46	27.07	17.42	9.65	56.00	-28.93	QP line1
7	5.29	16.32	6.62	9.70	50.00	-33.68	Average line1
8	5.29	21.63	11.93	9.70	60.00	-38.37	QP line1
9	10.12	38.37	28.61	9.76	50.00	-11.63	Average line1
10	10.12	45.64	35.88	9.76	60.00	-14.36	QP line1
11	15.38	23.36	13.60	9.76	50.00	-26.64	Average line1
12	15.38	29.21	19.45	9.76	60.00	-30.79	QP line1

Trace: 1

Freq	Level	Read	Limit	Over	Remark	Pol/Phase	Note
MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.17	26.39	16.77	9.62	55.01	-28.62	Average neutral
2	0.17	42.80	33.18	9.62	65.01	-22.21	QP neutral
3	0.65	38.09	28.46	9.63	46.00	-7.91	Average neutral
4	0.65	44.83	35.20	9.63	56.00	-11.17	QP neutral
5	1.45	21.01	11.36	9.65	46.00	-24.99	Average neutral
6	1.45	26.38	16.73	9.65	56.00	-29.62	QP neutral
7	6.37	18.68	8.94	9.74	50.00	-31.32	Average neutral
8	6.37	24.31	14.57	9.74	60.00	-35.69	QP neutral
9	10.53	35.15	25.36	9.79	50.00	-14.85	Average neutral
10	10.53	43.03	33.24	9.79	60.00	-16.97	QP neutral
11	19.06	22.81	12.95	9.86	50.00	-27.19	Average neutral
12	19.06	28.98	19.12	9.86	60.00	-31.02	QP neutral