

Appendix B: Test Results of Radiated Spurious Emissions & Mains

Conducted Emission Test

Band Edges, 2.31GHz ~ 2.9GHz

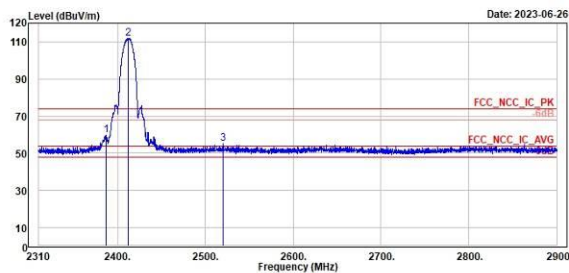
802.11b

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



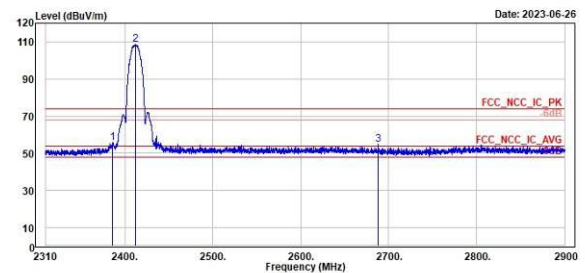
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2387.17	59.07	22.69	37.18	74.00	-14.13	379	310	Peak	Horizontal	
2 *	2412.00	111.95	74.71	37.24	74.00	37.95	379	310	Peak	Horizontal	
3	2520.28	55.42	17.92	37.50	74.00	-18.58	379	310	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	2386.46	55.68	18.50	37.18	74.00	-18.32	336	344	Peak	Vertical	
2 *	2412.00	108.66	71.42	37.24	74.00	34.66	336	344	Peak	Vertical	
3	2688.31	54.87	17.39	37.48	74.00	-19.13	336	344	Peak	Vertical	

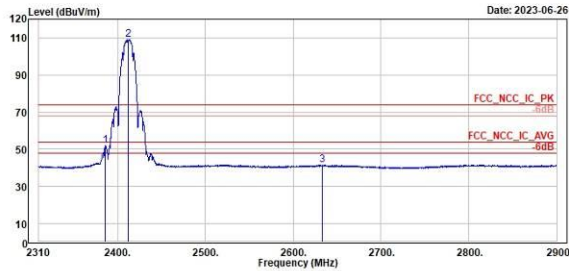
802.11b

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



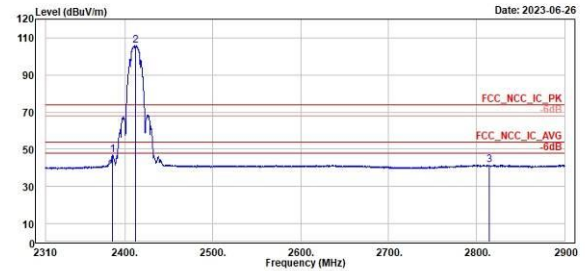
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2386.23	52.13	14.95	37.18	54.00	-1.87	379	310 Average	Horizontal	
2	2412.00	109.10	71.95	37.24	54.00	55.19	379	310 Average	Horizontal	
3	2633.32	41.74	4.13	37.61	54.00	-12.26	379	310 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	2386.11	46.98	9.00	37.18	54.00	-7.02	336	344 Average	Vertical	
2	2412.00	105.81	68.57	37.24	54.00	51.81	336	344 Average	Vertical	
3	2814.69	41.62	3.87	37.75	54.00	-12.38	336	344 Average	Vertical	

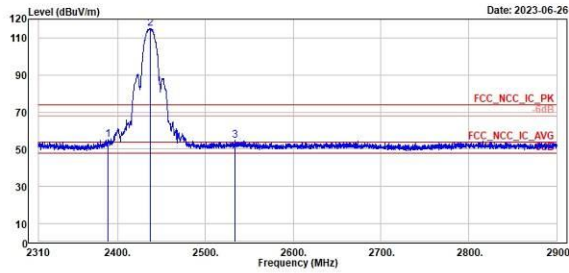
802.11b

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



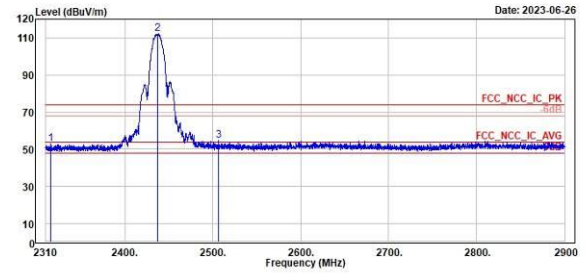
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2389.18	55.14	17.97	37.17	74.00	-18.86	368	300	Peak	Horizontal	
2 *	2437.00	115.00	77.58	37.42	74.00	41.00	368	300	Peak	Horizontal	
3	2533.61	54.84	17.38	37.46	74.00	-19.16	368	300	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	2315.43	52.70	15.80	36.90	74.00	-21.30	369	345	Peak	Vertical	
2 *	2437.00	112.03	74.61	37.42	74.00	38.03	369	345	Peak	Vertical	
3	2506.35	54.83	17.29	37.54	74.00	-19.17	369	345	Peak	Vertical	

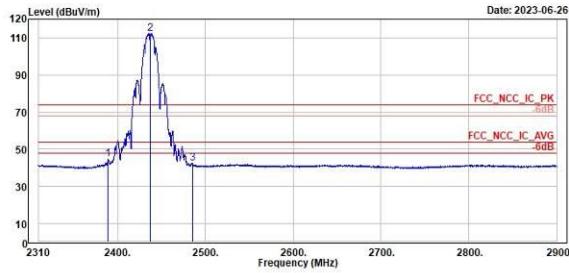
802.11b

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



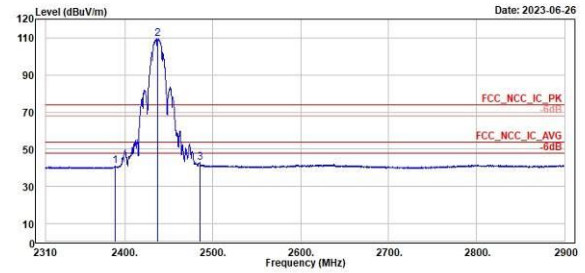
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1	2	3
2389.30	2437.00	2485.11
44.68	112.32	42.54
7.51	74.99	4.99
37.17	37.42	37.55
54.00	54.00	54.00
-9.32	58.32	-11.46
368	368	368
300	300	300
Average	Average	Average
Horizontal	Horizontal	Horizontal



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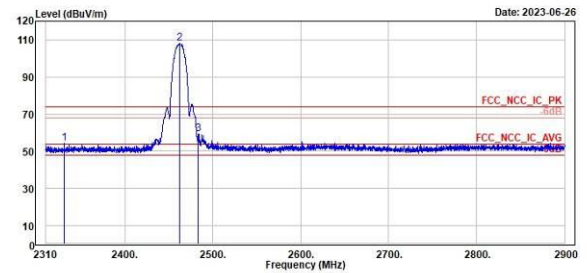
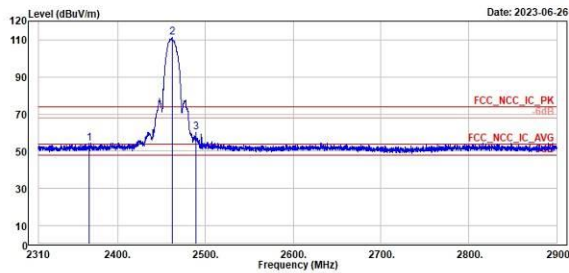


1	2	3
2389.30	2437.00	2484.99
40.95	109.44	42.74
3.78	72.62	5.20
37.17	37.42	37.54
54.00	54.00	54.00
-13.05	55.44	-11.26
369	369	369
345	345	345
Average	Average	Average
Vertical	Vertical	Vertical

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	2367.58	54.41	17.22	37.19	74.00	-19.59	100	304	Peak	Horizontal	
2 *	2462.00	111.12	75.60	37.52	74.00	37.12	100	304	Peak	Horizontal	
3	2489.36	60.33	22.78	37.55	74.00	-13.67	100	304	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	2330.89	54.48	17.44	37.04	74.00	-19.52	322	332	Peak	Vertical	
2 *	2462.00	108.22	70.70	37.52	74.00	34.22	322	332	Peak	Vertical	
3	2483.70	59.40	21.86	37.54	74.00	-14.60	322	332	Peak	Vertical	

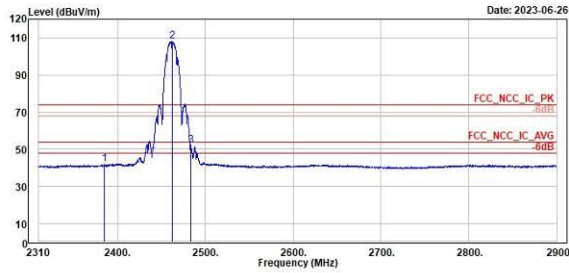
802.11b

High Channel (Horizontal) Average

High Channel (Vertical) Average



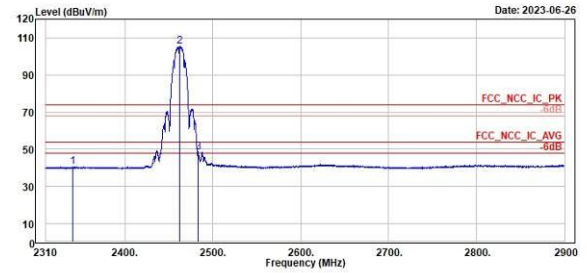
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2385.17	41.00	4.62	37.18	54.00	-12.20	100	304 Average	Horizontal	
2 *	2462.00	107.96	70.44	37.52	54.00	53.96	100	304 Average	Horizontal	
3 !	2483.46	52.03	14.49	37.54	54.00	-1.97	100	304 Average	Horizontal	



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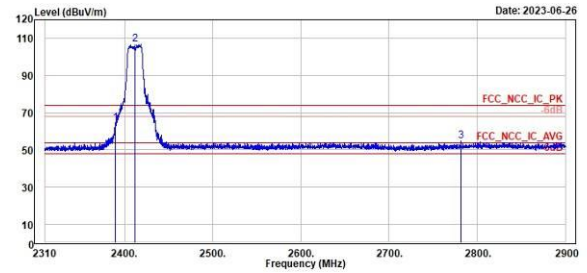
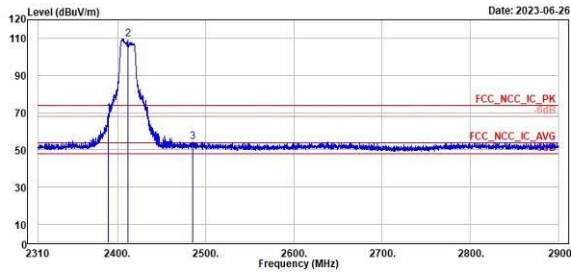


Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2340.00	40.44	3.31	37.13	54.00	-13.56	322	332 Average	Vertical	
2 *	2462.00	105.27	67.75	37.52	54.00	51.27	322	332 Average	Vertical	
3 !	2483.46	48.52	10.98	37.54	54.00	-5.48	322	332 Average	Vertical	

802.11g

Low Channel (Horizontal) Peak

Low Channel (Vertical) 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	2390.00	69.48	32.31	37.17	74.00	-4.52	104	303 Peak	Horizontal	
2	2412.00	109.54	72.30	37.24	74.00	35.54	104	303 Peak	Horizontal	
3	2484.99	54.10	16.56	37.54	74.00	-19.90	104	303 Peak	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	2389.77	64.28	27.11	37.17	74.00	-9.72	337	335 Peak	Vertical	
2	2412.00	106.75	69.51	37.24	74.00	32.75	337	335 Peak	Vertical	
3	2781.53	54.58	17.01	37.57	74.00	-19.42	337	335 Peak	Vertical	

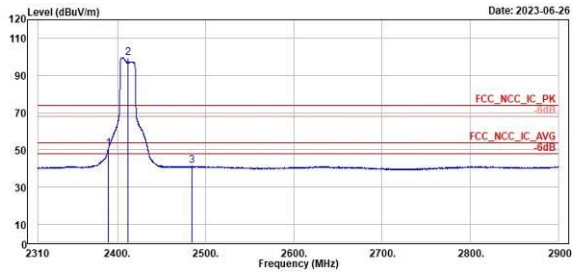
802.11g

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



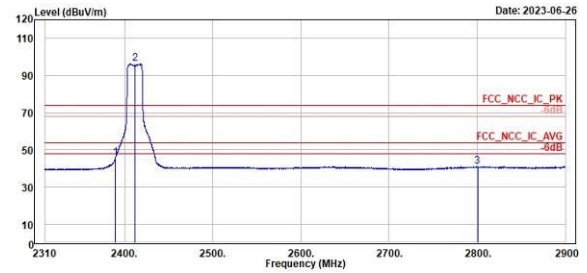
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2390.00	50.60	13.43	37.17	54.00	-3.40	104	303 Average	Horizontal	
2 *	2412.00	99.67	62.43	37.24	54.00	45.67	104	303 Average	Horizontal	
3	2484.05	41.50	3.96	37.54	54.00	-12.50	104	303 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	2390.00	45.75	8.58	37.17	54.00	-8.25	337	335 Average	Vertical	
2 *	2412.00	96.22	58.98	37.24	54.00	42.22	337	335 Average	Vertical	
3	2800.41	41.23	3.49	37.74	54.00	-12.77	337	335 Average	Vertical	

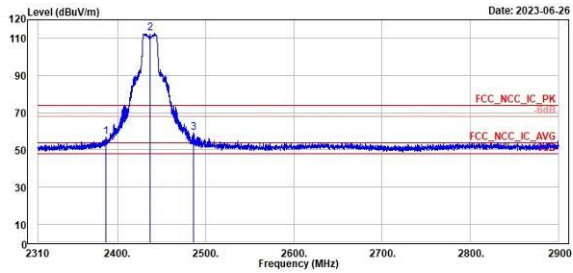
802.11g

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



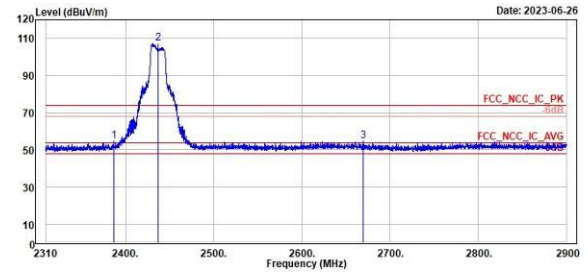
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2387.05	56.97	19.79	37.18	74.00	-17.03	185	309 Peak	Horizontal	
2 *	2437.00	112.69	75.27	37.42	74.00	38.69	185	309 Peak	Horizontal	
3	2486.29	59.30	21.75	37.55	74.00	-14.70	185	309 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	2386.94	54.83	17.65	37.18	74.00	-19.17	378	297 Peak	Vertical	
2 *	2437.00	107.08	69.66	37.42	74.00	33.66	378	297 Peak	Vertical	
3	2670.02	54.80	17.26	37.54	74.00	-19.20	378	297 Peak	Vertical	

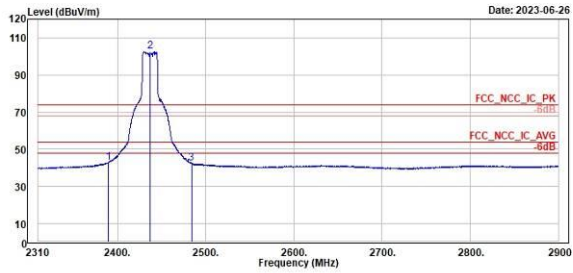
802.11g

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



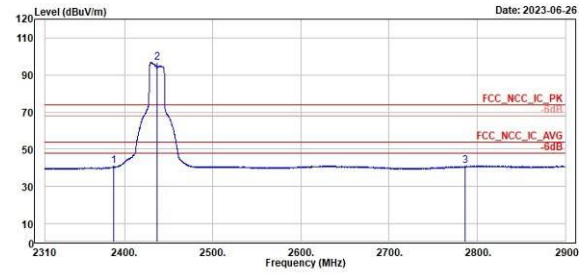
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.77	42.90	5.73	37.17	54.00	-11.10	185	369	Average Horizontal
2 *	2437.00	102.63	65.21	37.42	54.00	48.63	185	369	Average Horizontal
3	2483.93	42.56	5.02	37.54	54.00	-11.44	185	369	Average Horizontal



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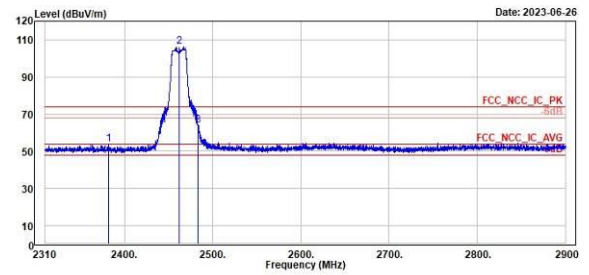
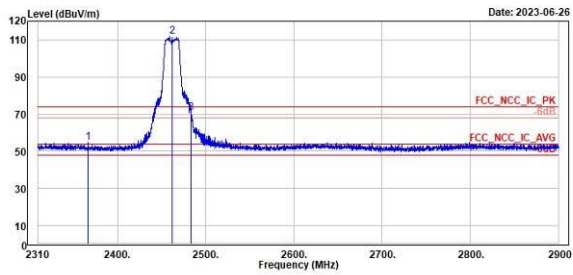


Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2387.88	40.86	3.69	37.17	54.00	-13.14	378	297	Average Vertical
2 *	2437.00	96.69	59.27	37.42	54.00	42.69	378	297	Average Vertical
3	2786.25	41.15	3.54	37.61	54.00	-12.85	378	297	Average Vertical

802.11g

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	2366.76	54.02	17.62	37.20	74.00	-19.18	281	292	Peak	Horizontal	
2 *	2462.00	111.62	74.10	37.52	74.00	37.62	281	292	Peak	Horizontal	
3 !	2483.70	70.87	33.33	37.54	74.00	-3.13	281	292	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	2381.06	53.64	16.46	37.18	74.00	-20.36	322	332	Peak	Vertical	
2 *	2462.00	106.10	68.58	37.52	74.00	32.10	322	332	Peak	Vertical	
3	2483.70	63.98	26.44	37.54	74.00	-10.62	322	332	Peak	Vertical	

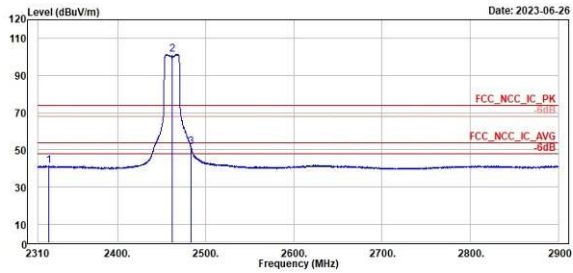
802.11g

High Channel (Horizontal) Average

High Channel (Vertical) Average



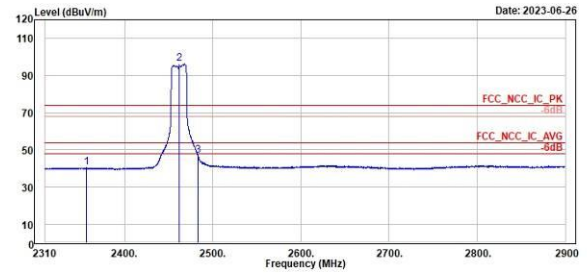
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2322.27	41.46	4.50	36.96	54.00	-12.54	281	292 Average	Horizontal	
2 *	2462.00	101.44	63.92	37.52	54.00	47.44	281	292 Average	Horizontal	
3 !	2483.58	51.75	14.21	37.54	54.00	-2.25	281	292 Average	Horizontal	



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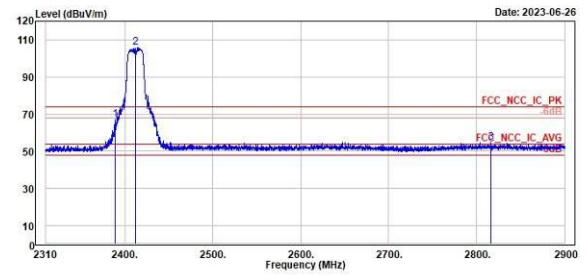
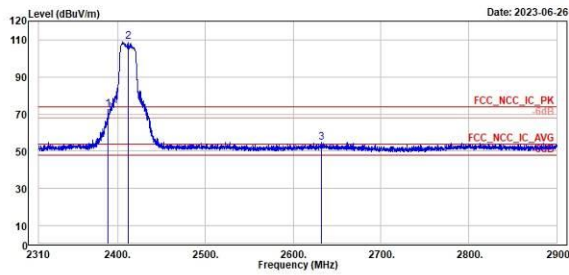


Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2357.20	40.44	3.23	37.21	54.00	-13.56	322	332 Average	Vertical	
2 *	2462.00	96.19	58.67	37.52	54.00	42.19	322	332 Average	Vertical	
3	2483.46	47.88	9.54	37.54	54.00	-6.92	322	332 Average	Vertical	

802.11n HT20

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	2388.94	72.71	35.54	37.17	74.00	-1.29	188	305	Peak	Horizontal	
2 *	2412.00	109.01	71.77	37.24	74.00	35.01	188	305	Peak	Horizontal	
3	2631.90	54.75	17.13	37.62	74.00	-19.25	188	305	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	2389.06	67.00	29.83	37.17	74.00	-7.00	338	335	Peak	Vertical	
2 *	2412.00	105.88	68.64	37.24	74.00	31.88	338	335	Peak	Vertical	
3	2816.34	54.82	17.07	37.75	74.00	-19.18	338	335	Peak	Vertical	

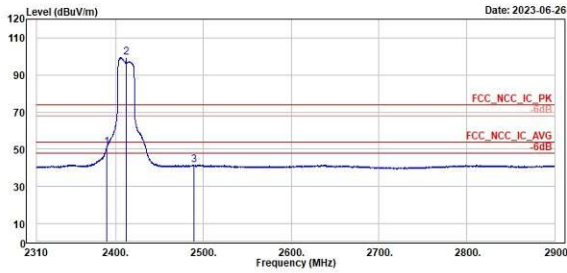
802.11n HT20

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



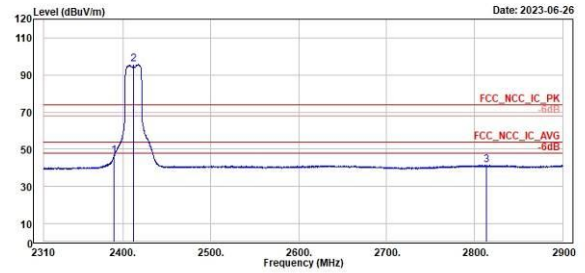
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 2390.00	51.28	14.11	37.17	54.00	-2.72	188	305	Average	Horizontal	
2 * 2412.00	99.26	62.02	37.24	54.00	45.26	188	305	Average	Horizontal	
3 2489.36	41.53	3.98	37.55	54.00	-12.47	188	305	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 2390.00	46.60	9.43	37.17	54.00	-7.40	338	335	Average	Vertical	
2 * 2412.00	95.88	58.56	37.24	54.00	41.88	338	335	Average	Vertical	
3 2813.39	41.46	3.71	37.75	54.00	-12.54	338	335	Average	Vertical	

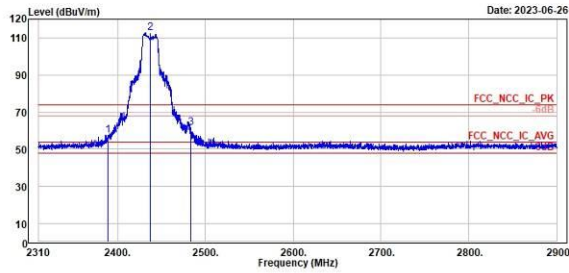
802.11n HT20

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



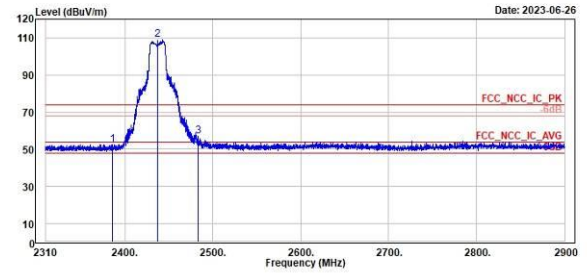
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1	2	3
2389.30	2437.00	2483.58
57.44	112.59	61.46
20.27	75.17	23.92
37.17	37.42	37.54
74.00	74.00	74.00
-16.56	38.59	-12.54
100	100	100
304	304	304
Peak	Peak	Peak
Horizontal	Horizontal	Horizontal



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1	2	3
2386.35	2437.00	2483.58
52.63	108.88	57.12
15.45	71.46	19.58
37.18	37.42	37.54
74.00	74.00	74.00
-21.37	34.88	-16.88
328	328	328
330	330	330
Peak	Peak	Peak
Vertical	Vertical	Vertical

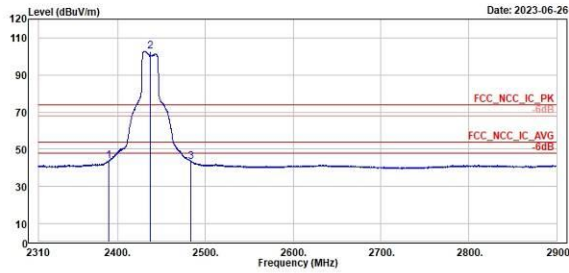
802.11n HT20

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



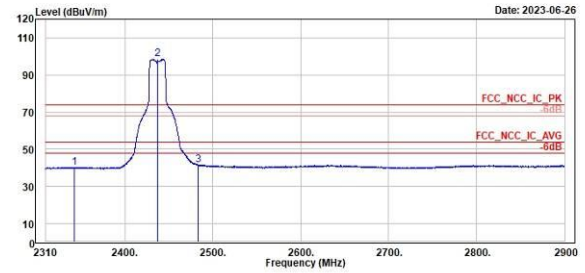
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1	2	3
2389.77	2437.00	2483.46
43.65	102.71	43.57
6.40	65.29	6.03
37.17	37.42	37.54
54.00	54.00	54.00
-10.35	48.71	-10.43
100	100	100
304	304	304
Average	Average	Average
Horizontal	Horizontal	Horizontal



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1	2	3
2342.45	2437.00	2483.58
40.33	98.65	41.73
3.19	61.23	4.19
37.14	37.42	37.54
54.00	54.00	54.00
-13.67	44.65	-12.27
328	328	328
330	330	330
Average	Average	Average
Vertical	Vertical	Vertical

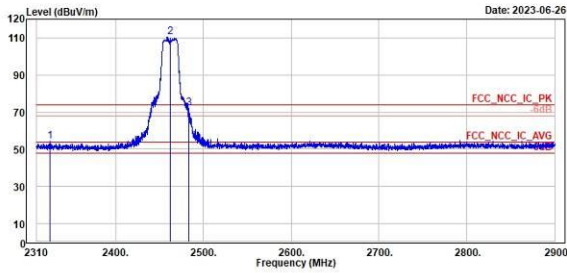
802.11n HT20

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



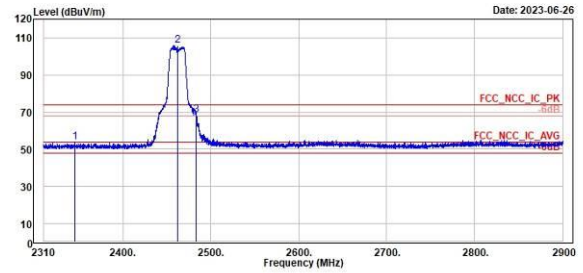
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2324.87	54.48	17.42	36.98	74.00	-19.68	284	286	Peak	Horizontal	
2 *	2462.88	118.24	72.72	37.52	74.00	36.24	284	286	Peak	Horizontal	
3 !	2483.58	72.08	34.54	37.54	74.00	-1.92	284	286	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	2345.75	53.83	16.65	37.18	74.00	-20.17	322	329	Peak	Vertical	
2 *	2462.88	185.72	68.28	37.52	74.00	31.72	322	329	Peak	Vertical	
3 !	2483.46	68.67	31.13	37.54	74.00	-5.33	322	329	Peak	Vertical	

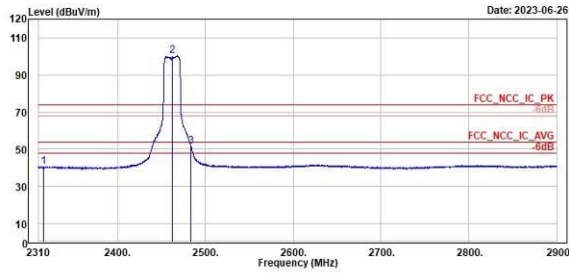
802.11n HT20

High Channel (Horizontal) Average

High Channel (Vertical) Average



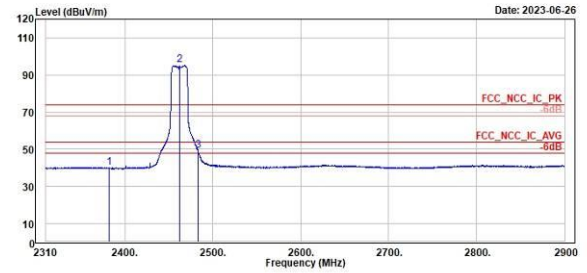
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2315.78	40.04	3.93	36.91	54.00	-13.16	284	286 Average	Horizontal	
2 *	2462.00	100.48	62.96	37.52	54.00	46.48	284	286 Average	Horizontal	
3 !	2483.46	51.65	14.11	37.54	54.00	-2.35	284	286 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	2382.22	40.31	3.13	37.18	54.00	-13.69	322	329 Average	Vertical	
2 *	2462.00	95.49	57.97	37.52	54.00	41.49	322	329 Average	Vertical	
3 !	2483.46	49.14	11.60	37.54	54.00	-4.86	322	329 Average	Vertical	

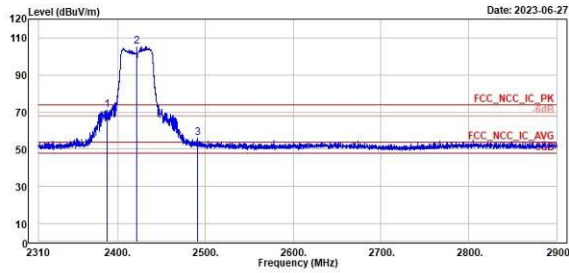
802.11n HT40

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



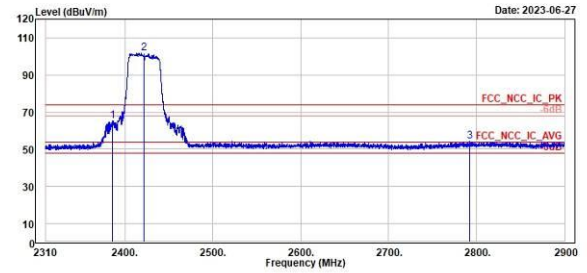
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2387.76	71.32	34.15	37.17	74.00	-2.68	184	305	Peak	Horizontal	
2	2422.00	105.28	67.97	37.31	74.00	31.28	184	305	Peak	Horizontal	
3	2498.89	56.15	18.60	37.55	74.00	-17.85	184	305	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	2385.76	65.30	28.12	37.18	74.00	-8.70	336	335	Peak	Vertical	
2	2422.00	101.90	64.59	37.31	74.00	27.90	336	335	Peak	Vertical	
3	2792.15	54.42	16.75	37.67	74.00	-19.58	336	335	Peak	Vertical	

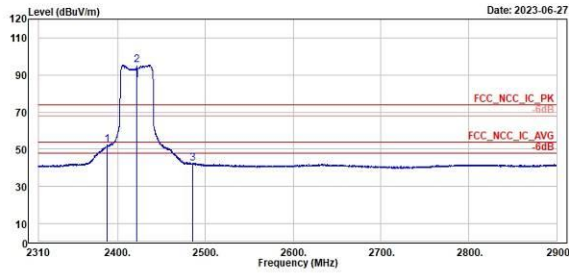
802.11n HT40

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



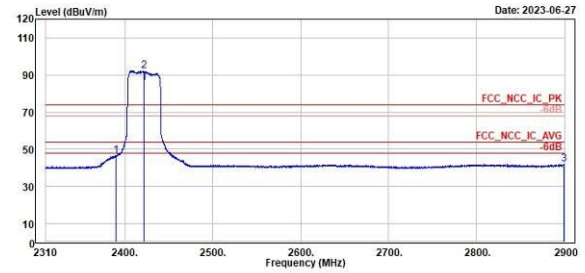
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2387.64	52.29	15.12	37.17	54.00	-1.71	184	385 Average	Horizontal
2	2422.00	95.37	50.06	37.31	54.00	41.37	184	395 Average	Horizontal
3	2484.99	42.57	5.03	37.54	54.00	-11.43	184	385 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	2389.41	46.56	9.39	37.17	54.00	-7.44	336	335 Average	Vertical
2	2422.00	92.28	54.07	37.31	54.00	38.28	336	335 Average	Vertical
3	2898.94	41.99	4.06	37.93	54.00	-12.01	336	335 Average	Vertical

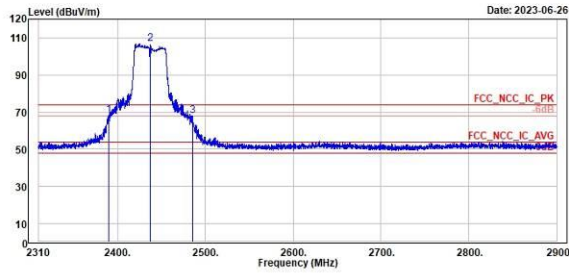
802.11n HT40

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



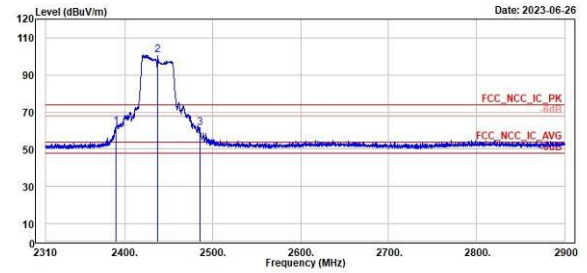
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2390.00	68.36	31.19	37.17	74.00	-5.64	100	306	Peak	Horizontal	
2	2437.00	106.75	69.33	37.42	74.00	32.75	100	306	Peak	Horizontal	
3	2485.23	68.05	30.50	37.55	74.00	-5.95	100	306	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	2389.65	62.18	25.01	37.17	74.00	-11.82	177	298	Peak	Vertical	
2	2437.00	100.99	63.57	37.42	74.00	26.99	177	298	Peak	Vertical	
3	2485.11	61.59	24.84	37.55	74.00	-12.41	177	298	Peak	Vertical	

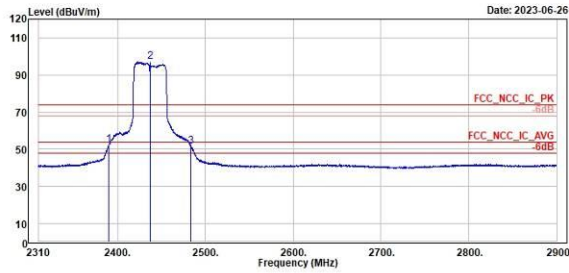
802.11n HT40

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



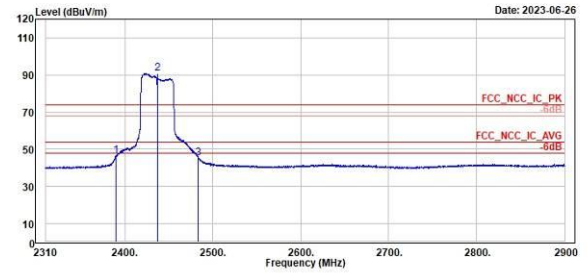
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 2390.00	52.44	15.27	37.17	54.00	-1.56	100	306	Average	Horizontal	
2 * 2437.00	97.05	59.63	37.42	54.00	43.05	100	306	Average	Horizontal	
3 2483.81	51.36	13.82	37.54	54.00	-2.64	100	306	Average	Horizontal	



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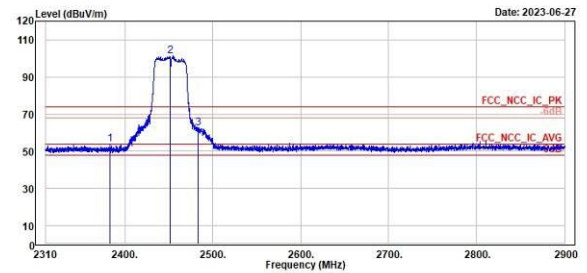
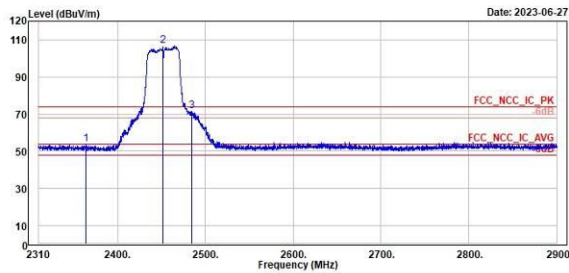


Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 2390.00	46.32	9.15	37.17	54.00	-7.68	177	298	Average	Vertical	
2 * 2437.00	98.94	53.52	37.42	54.00	36.94	177	298	Average	Vertical	
3 2483.70	45.39	7.85	37.54	54.00	-8.61	177	298	Average	Vertical	

802.11n HT40

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	2363.69	53.69	16.50	37.19	74.00	-20.31	282	286	Peak	Horizontal	
2 *	2452.00	106.59	69.08	37.51	74.00	32.59	282	286	Peak	Horizontal	
3 !	2484.05	71.44	33.90	37.54	74.00	-2.56	282	286	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	2382.81	53.66	16.49	37.17	74.00	-20.34	329	330	Peak	Vertical	
2 *	2452.00	101.08	63.57	37.51	74.00	27.08	329	330	Peak	Vertical	
3 !	2483.46	62.36	24.82	37.54	74.00	-11.64	329	330	Peak	Vertical	

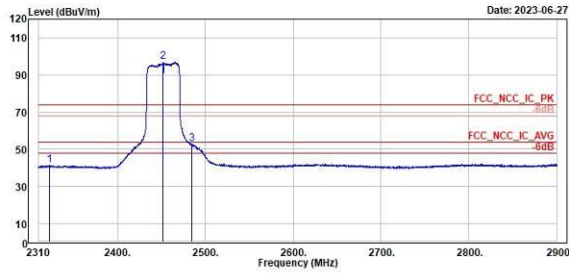
802.11n HT40

High Channel (Horizontal) Average

High Channel (Vertical) Average



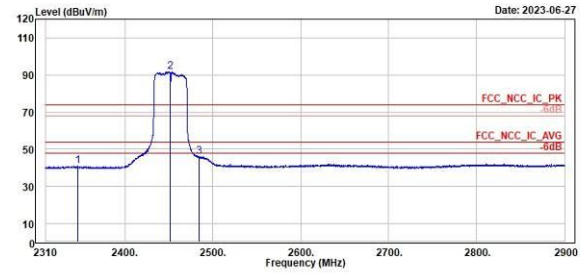
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1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2322.63	41.38	4.34	36.96	54.00	-12.70	282	286 Average	Horizontal	
2452.00	97.01	59.50	37.51	54.00	43.01	282	286 Average	Horizontal	
2484.48	52.88	15.34	37.54	54.00	-1.12	282	286 Average	Horizontal	



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1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2346.23	40.88	3.70	37.18	54.00	-13.12	329	330 Average	Vertical	
2452.00	91.64	54.13	37.51	54.00	37.64	329	330 Average	Vertical	
2484.17	46.26	8.72	37.54	54.00	-7.74	329	330 Average	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

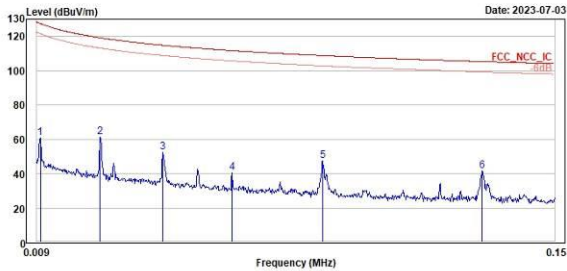
802.11b

Middle Channel 9kHz~150kHz(Open)

Middle Channel 150kHz~30MHz(Open)



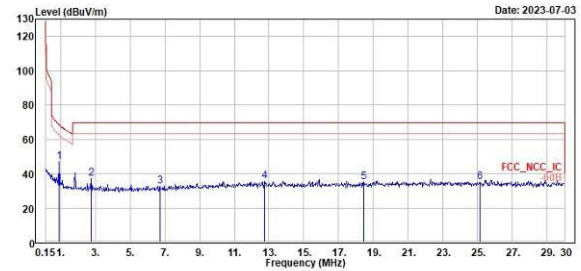
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.01	60.65	42.93	17.72	127.60	-66.95	100		54 Peak	Open	
2	0.03	61.13	42.19	18.94	119.18	-58.05	100		360 Peak	Open	
3	0.04	52.18	33.04	19.14	114.84	-62.66	100		256 Peak	Open	
4	0.06	40.77	21.94	18.83	111.72	-70.95	100		97 Peak	Open	
5	0.09	47.50	29.26	18.24	108.82	-61.32	100		258 Peak	Open	
6	0.13	41.74	23.70	18.04	105.30	-63.56	100		341 Peak	Open	



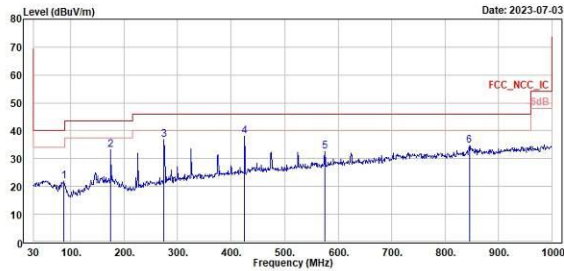
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.93	46.98	27.95	19.03	68.27	-21.29	100		84 Peak	Open	
2	2.78	37.27	17.72	19.55	69.50	-32.23	100		263 Peak	Open	
3	6.72	32.80	12.65	20.15	69.50	-36.70	100		24 Peak	Open	
4	12.75	35.45	13.78	21.67	69.50	-34.05	100		14 Peak	Open	
5	18.45	35.06	12.99	22.07	69.50	-34.44	100		359 Peak	Open	
6	25.13	34.92	12.72	22.20	69.50	-34.58	100		79 Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz
802.11b
Middle Channel (Horizontal)
Middle Channel (Vertical)

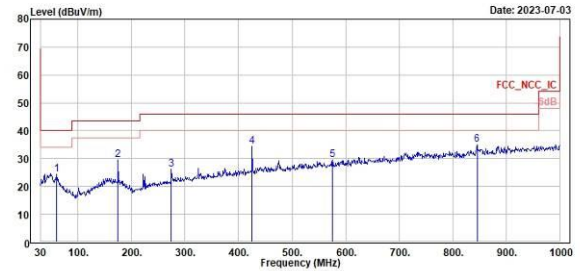

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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	87.23	21.01	33.89	-12.88	46.00	-18.19	200	161	Peak	Horizontal	
2	174.53	33.20	39.50	-6.30	43.50	-10.30	100	211	Peak	Horizontal	
3	274.44	36.67	42.28	-5.61	46.00	-9.33	100	252	Peak	Horizontal	
4	424.79	38.00	40.67	-2.67	46.00	-8.00	100	217	Peak	Horizontal	
5	575.14	32.51	33.03	-0.52	46.00	-13.49	200	219	Peak	Horizontal	
6	845.77	34.70	30.60	4.10	46.00	-11.30	100	360	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	68.07	24.23	30.66	-6.43	40.00	-15.77	200	181	Peak	Vertical	
2	174.53	29.42	35.72	-6.30	43.50	-14.08	116	0	Peak	Vertical	
3	274.44	26.09	31.70	-5.61	46.00	-19.91	100	278	Peak	Vertical	
4	424.79	34.50	37.17	-2.67	46.00	-11.50	100	176	Peak	Vertical	
5	575.14	29.56	30.88	-0.52	46.00	-16.44	200	127	Peak	Vertical	
6	845.77	35.11	31.01	4.10	46.00	-10.89	300	82	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

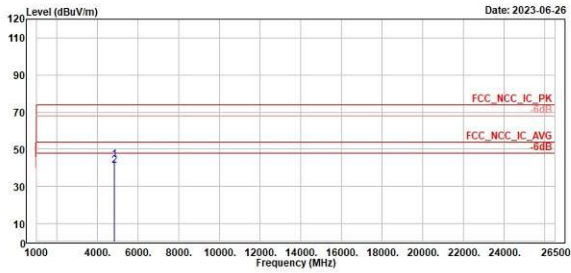
802.11b

Low Channel (Horizontal)

Low Channel (Vertical)



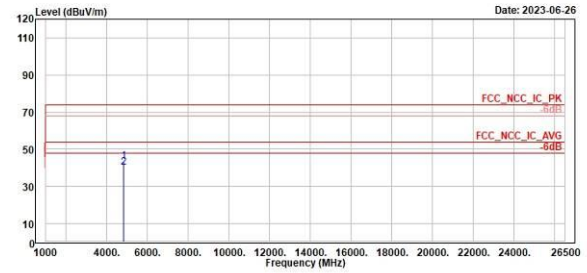
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note								
1	dBuV/m	Level	dB/m	dB/m	Line	Limit	cm	deg											
1	44.12	53.13	-9.01	74.00	-29.88	300	216	Peak	Horizontal										
2	40.92	49.93	-9.01	54.00	-13.08	300	216	Average	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	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note								
1	dBuV/m	Level	dB/m	dB/m	Line	Limit	cm	deg											
1	43.43	52.44	-9.01	74.00	-30.57	300	298	Peak	Vertical										
2	40.12	49.13	-9.01	54.00	-13.88	300	298	Average	Vertical										

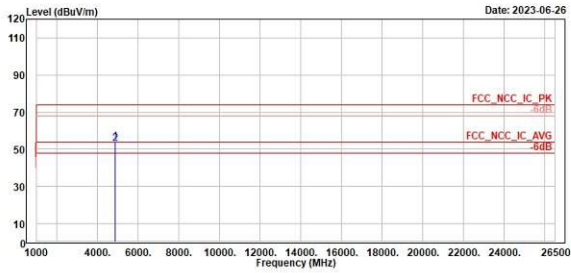
802.11b

Middle Channel (Horizontal)

Middle Channel (Vertical)



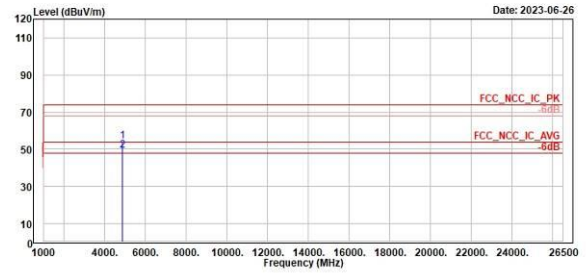
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	53.67	62.70	-9.03	74.00	-20.33	290	295 Peak	Horizontal	
2	4874.00	53.00	62.03	-9.03	54.00	-1.00	290	295 Average	Horizontal	



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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	4874.00	54.14	63.17	-9.03	74.00	-19.86	300	169 Peak	Vertical	
2	4874.00	49.34	58.37	-9.03	54.00	-4.66	300	169 Average	Vertical	

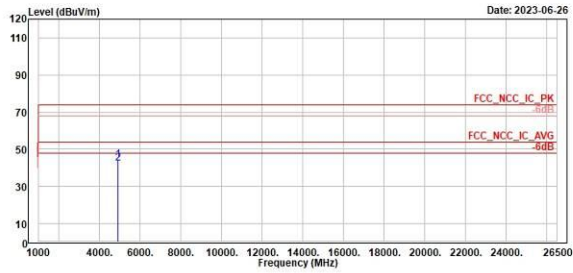
802.11b

High Channel (Horizontal)

High Channel (Vertical)



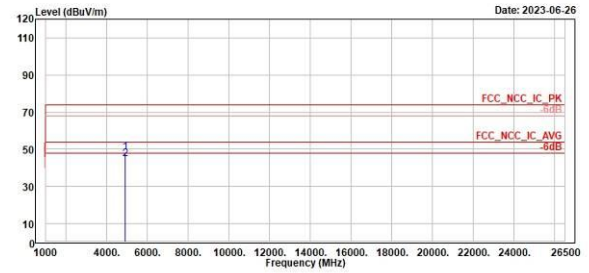
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit	cm	deg			
Factor	Factor	Factor					
dB/m	dB/m	dB/m					
44.15	74.00	-29.85	300	86	Peak	Horizontal	
42.31	54.00	-11.69	300	86	Average	Horizontal	



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit	cm	deg			
Factor	Factor	Factor					
dB/m	dB/m	dB/m					
48.54	74.00	-25.46	200	293	Peak	Vertical	
44.70	54.00	-9.30	200	293	Average	Vertical	

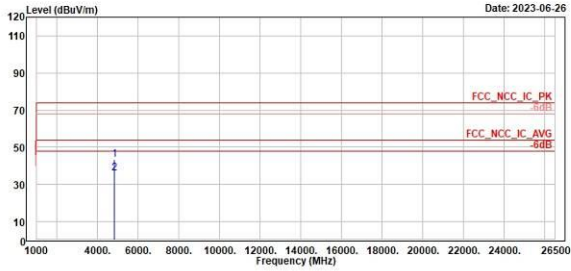
802.11g

Low Channel (Horizontal)

Low Channel (Vertical)



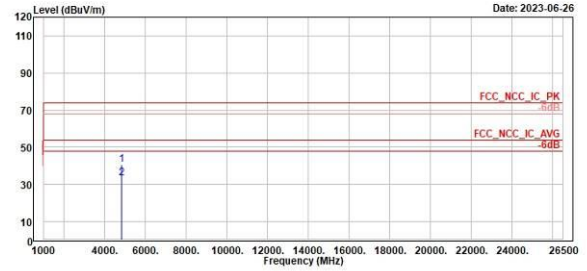
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit	cm	deg			
Factor	dB/m	dB					
dB/m	dB/m	dB					
43.38	74.00	-30.62	351	66	Peak	Horizontal	
35.99	54.00	-18.01	351	66	Average	Horizontal	



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit	cm	deg			
Factor	dB/m	dB					
dB/m	dB/m	dB					
40.52	74.00	-33.48	400	150	Peak	Vertical	
33.32	54.00	-20.68	400	150	Average	Vertical	

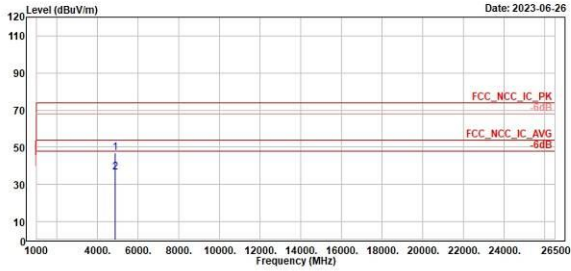
802.11g

Middle Channel (Horizontal)

Middle Channel (Vertical)



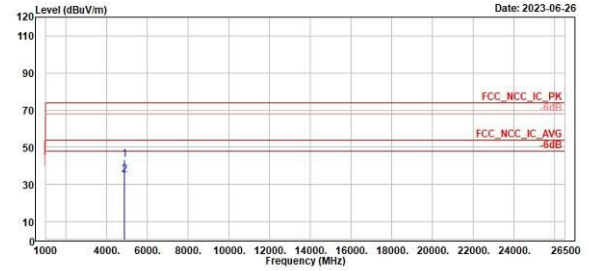
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Line	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	47.07	55.10	-9.03	74.00	-26.93	100	77	Peak	Horizontal	
2	4874.00	36.67	45.70	-9.03	54.00	-17.33	100	77	Average	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	4874.00	43.18	52.21	-9.03	74.00	-30.82	400	172	Peak	Vertical	
2	4874.00	35.01	44.04	-9.03	54.00	-18.99	400	172	Average	Vertical	

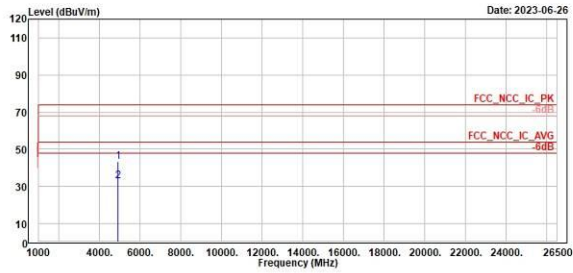
802.11g

High Channel (Horizontal)

High Channel (Vertical)



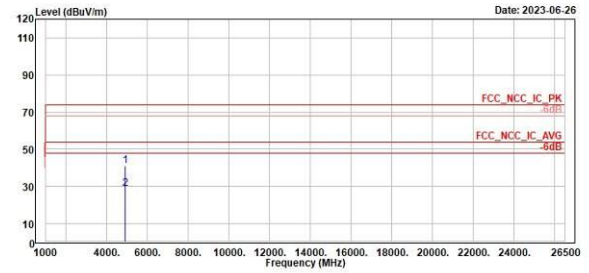
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dB/m	dBuV/m	dB	cm	deg			
43.15	74.00	-30.85	100	113	Peak	Horizontal	
32.85	54.00	-21.15	100	113	Average	Horizontal	



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dB/m	dBuV/m	dB	cm	deg			
41.09	74.00	-32.91	300	266	Peak	Vertical	
28.56	54.00	-25.44	300	266	Average	Vertical	

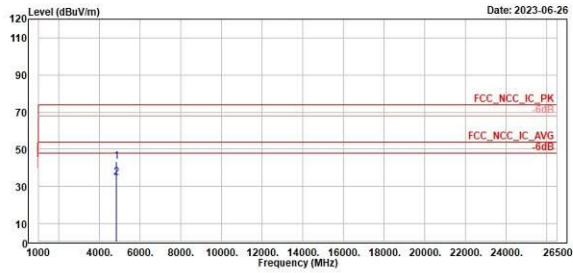
802.11n HT20

Low Channel (Horizontal)

Low Channel (Vertical)



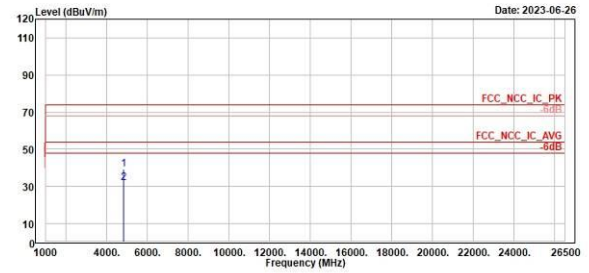
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note								
1	dBuV/m	Level	Factor	Line	Limit	Limit	cm	deg											
1	43.54	52.55	-9.01	74.00	-30.45	300	83	Peak	Horizontal										
2	34.59	43.60	-9.01	54.00	-19.41	300	83	Average	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	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note								
1	dBuV/m	Level	Factor	Line	Limit	Limit	cm	deg											
1	39.34	48.35	-9.01	74.00	-34.65	400	118	Peak	Vertical										
2	31.90	40.91	-9.01	54.00	-22.10	400	118	Average	Vertical										

802.11n HT20

Middle Channel (Horizontal)

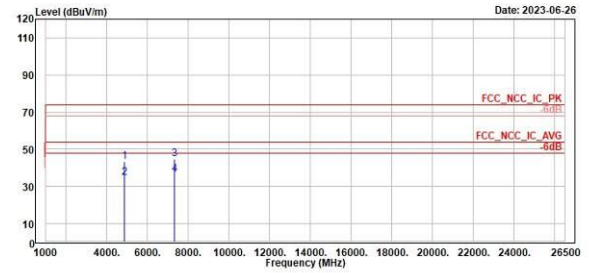
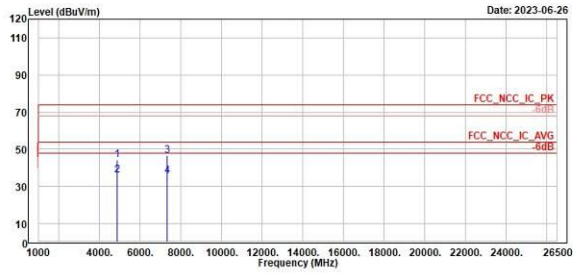
Middle Channel (Vertical)



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1	2	3
4874.00	44.19	53.22
4874.00	36.03	45.06
7311.00	46.61	53.68
7311.00	35.70	42.77

1	2	3
4874.00	43.24	52.27
4874.00	34.65	43.68
7311.00	44.74	51.81
7311.00	36.53	43.60

Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
dBuV	dB/m	dBuV/m	dB	cm	deg			
44.19	-9.03	74.00	-29.81	100		71 Peak	Horizontal	
36.03	-9.03	54.00	-17.97	100		71 Average	Horizontal	
46.61	-7.07	74.00	-27.39	100		106 Peak	Horizontal	
35.70	-7.07	54.00	-18.30	100		106 Average	Horizontal	

Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
dBuV	dB/m	dBuV/m	dB	cm	deg			
43.24	-9.03	74.00	-30.76	400	160	Peak	Vertical	
34.65	-9.03	54.00	-19.35	400	160	Average	Vertical	
44.74	-7.07	74.00	-29.26	300	303	Peak	Vertical	
36.53	-7.07	54.00	-17.47	300	303	Average	Vertical	

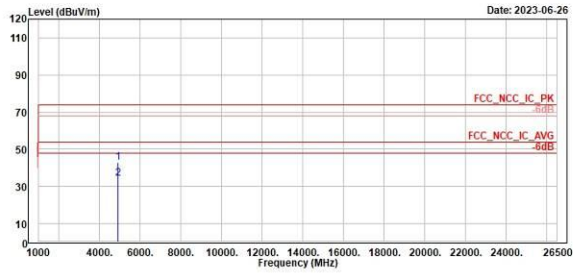
802.11n HT20

High Channel (Horizontal)

High Channel (Vertical)



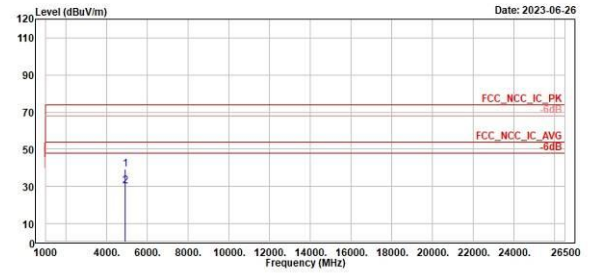
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit	cm	deg			
Factor							
dB/m	dBuV/m	dB					
51.93	74.00	-31.02	180	72	Peak	Horizontal	
43.11	54.00	-19.84	180	72	Average	Horizontal	



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit	cm	deg			
Factor							
dB/m	dBuV/m	dB					
48.33	74.00	-34.62	480	16	Peak	Vertical	
39.23	54.00	-23.72	480	16	Average	Vertical	

802.11n HT40

Low Channel (Horizontal)

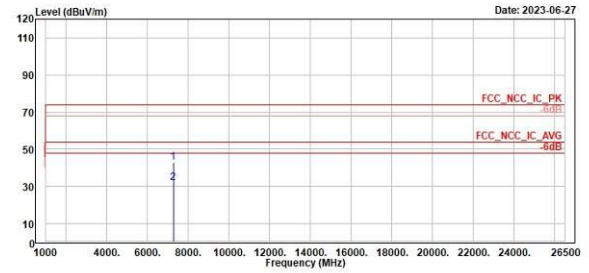
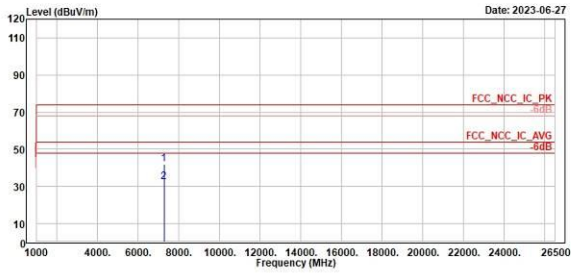
Low Channel (Vertical)



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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	7266.00	41.05	48.86	-7.01	74.00	-32.15	300	76 Peak	Horizontal	
2	7266.00	32.18	39.19	-7.01	54.00	-21.82	300	76 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	7266.00	42.93	49.94	-7.01	74.00	-31.07	100	42 Peak	Vertical	
2	7266.00	31.96	38.97	-7.01	54.00	-22.04	100	42 Average	Vertical	

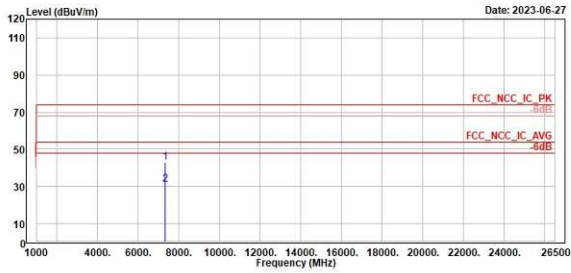
802.11n HT40

Middle Channel (Horizontal)

Middle Channel (Vertical)



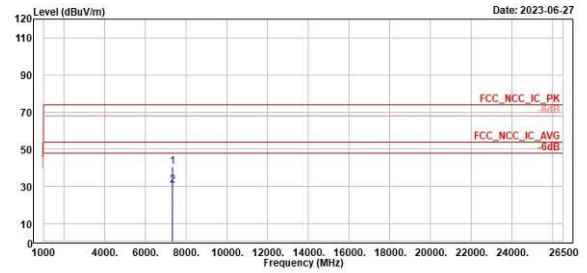
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	7311.00	42.72	49.79	-7.07	74.00	-31.28	100	10 Peak	Horizontal	
2	7311.00	30.94	38.01	-7.07	54.00	-23.06	100	10 Average	Horizontal	



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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	7311.00	40.58	47.65	-7.07	74.00	-33.42	200	244 Peak	Vertical	
2	7311.00	30.47	37.54	-7.07	54.00	-23.53	200	244 Average	Vertical	

802.11n HT40

High Channel (Horizontal)

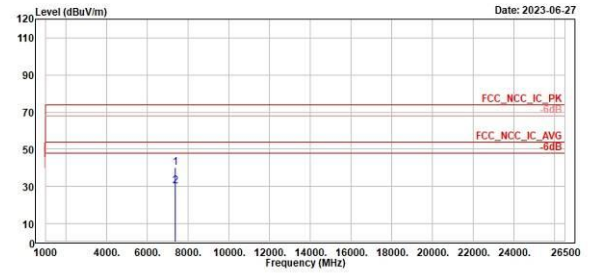
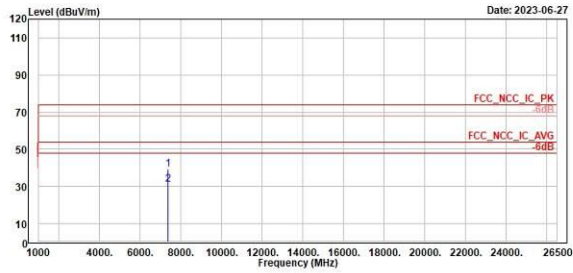
High Channel (Vertical)



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1	2								
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
7356.00	39.47	46.61	-7.14	74.00	-34.53	255	360	Peak	Horizontal
7356.00	31.05	38.19	-7.14	54.00	-22.95	255	360	Average	Horizontal

1	2								
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
7356.00	40.17	47.31	-7.14	74.00	-33.83	100	42	Peak	Vertical
7356.00	30.23	37.37	-7.14	54.00	-23.77	100	42	Average	Vertical

Mains Conducted Emission, TX Mode, 150kHz ~ 30MHz

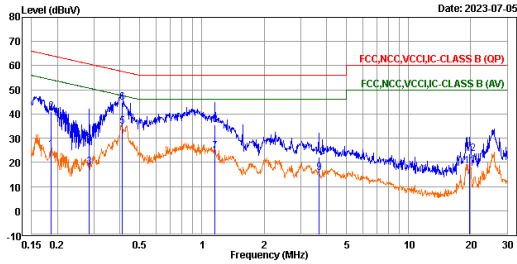
Worst Band

(Line)

(Neutral)



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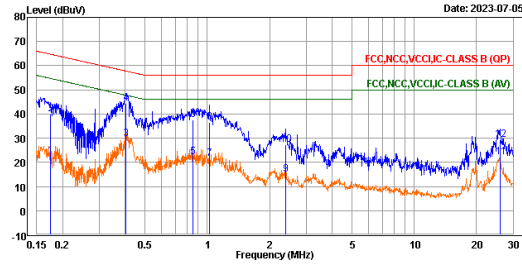


Trace: 1

Line	Freq	Level	Read Level	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.19	25.31	15.69	9.62	54.22	-28.91	Average	line1	
2	0.19	40.87	31.25	9.62	64.22	-23.35	QP	line1	
3	0.29	18.20	8.58	9.62	50.66	-32.46	Average	line1	
4	0.29	28.68	19.06	9.62	60.66	-31.98	QP	line1	
5	0.41	34.84	25.21	9.63	47.64	-12.80	Average	line1	
6	0.41	44.82	35.19	9.63	57.64	-12.82	QP	line1	
7	1.16	24.64	15.00	9.64	46.00	-21.36	Average	line1	
8	1.16	35.45	25.81	9.64	56.00	-20.55	QP	line1	
9	3.68	15.71	6.03	9.68	46.00	-30.29	Average	line1	
10	3.68	22.11	12.43	9.68	56.00	-33.89	QP	line1	
11	19.74	18.31	8.54	9.77	50.00	-31.69	Average	line1	
12	19.74	23.48	13.71	9.77	60.00	-36.52	QP	line1	



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Trace: 1

Line	Freq	Level	Read Level	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.17	22.37	12.75	9.62	54.76	-32.39	Average	neutral	
2	0.17	40.12	30.50	9.62	64.76	-24.64	QP	neutral	
3	0.40	29.85	20.22	9.63	47.80	-17.95	Average	neutral	
4	0.40	44.57	34.94	9.63	57.80	-13.23	QP	neutral	
5	0.85	22.30	12.66	9.64	46.00	-23.70	Average	neutral	
6	0.85	37.58	27.94	9.64	56.00	-18.42	QP	neutral	
7	1.02	21.37	11.73	9.64	46.00	-24.63	Average	neutral	
8	1.02	36.50	26.86	9.64	56.00	-19.50	QP	neutral	
9	2.38	15.03	5.36	9.67	46.00	-30.97	Average	neutral	
10	2.38	27.18	17.51	9.67	56.00	-28.82	QP	neutral	
11	26.09	22.13	12.26	9.87	50.00	-27.87	Average	neutral	
12	26.09	29.20	19.33	9.87	60.00	-30.80	QP	neutral	