

Appendix B: Test Results of Radiated Spurious Emissions & Mains

Conducted Emission Test

<ECC Mode>

Band Edges, 2.31GHz ~ 2.9GHz

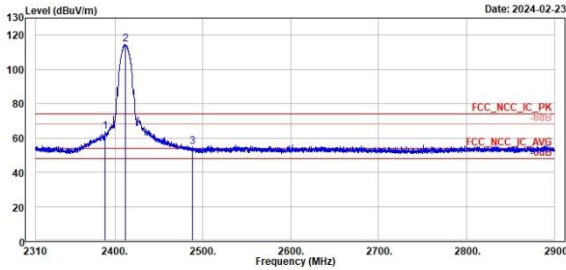
802.11b

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



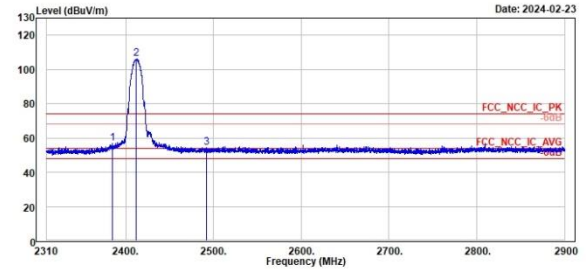
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2388.82	63.64	25.58	38.06	74.00	-10.36		292	275	Peak	Horizontal	
2 *	2412.00	114.55	76.40	38.15	74.00	40.55		292	275	Peak	Horizontal	
3	2488.06	55.10	16.78	38.32	74.00	-18.90		292	275	Peak	Horizontal	



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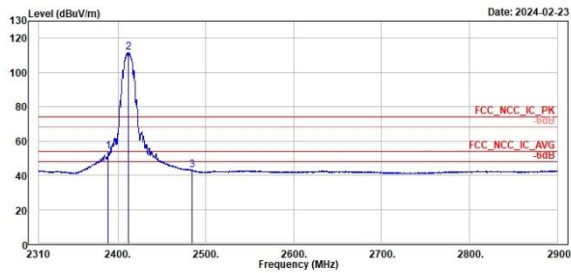
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2385.17	56.89	18.85	38.04	74.00	-17.11		292	337	Peak	Vertical	
2 *	2412.00	106.03	67.88	38.15	74.00	32.03		292	337	Peak	Vertical	
3	2491.84	54.59	16.27	38.32	74.00	-19.41		292	337	Peak	Vertical	

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Low Channel (Horizontal) Average



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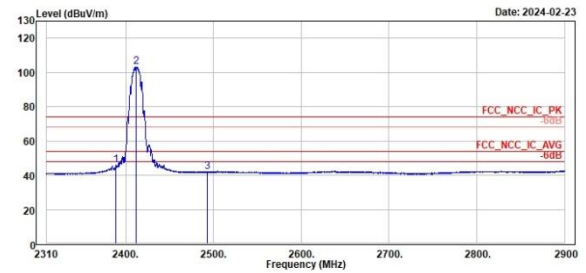


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.18	53.82	15.76	38.06	54.00	-0.18	292	275	Average	Horizontal	
2	2412.00	111.74	73.59	38.15	54.00	57.74	292	275	Average	Horizontal	
3	2484.05	43.08	4.76	38.32	54.00	-10.92	292	275	Average	Horizontal	

Low Channel (Vertical) Average



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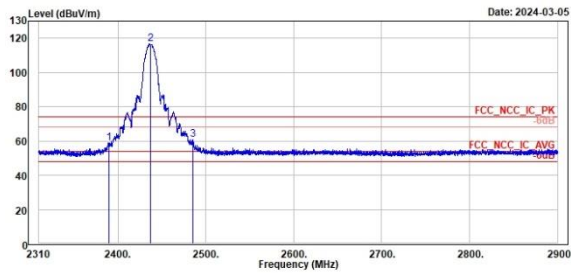
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.06	45.97	7.91	38.06	54.00	-8.03	292	337	Average	Vertical	
2	2412.00	103.45	65.30	38.15	54.00	49.45	292	337	Average	Vertical	
3	2493.14	42.04	3.73	38.31	54.00	-11.96	292	337	Average	Vertical	

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Middle Channel (Horizontal) Peak



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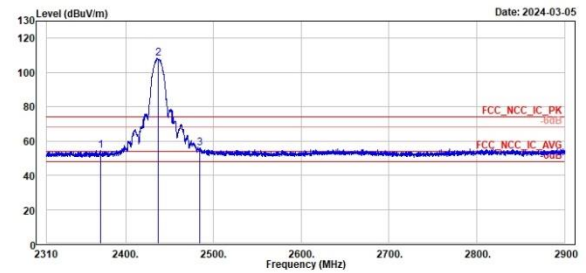


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.09	58.75	20.69	38.06	74.00	-15.25	290	88	Peak	Horizontal	
2 *	2437.00	116.69	78.41	38.28	74.00	42.69	290	88	Peak	Horizontal	
3	2484.99	60.75	22.43	38.32	74.00	-13.25	290	88	Peak	Horizontal	

Middle Channel (Vertical) Peak



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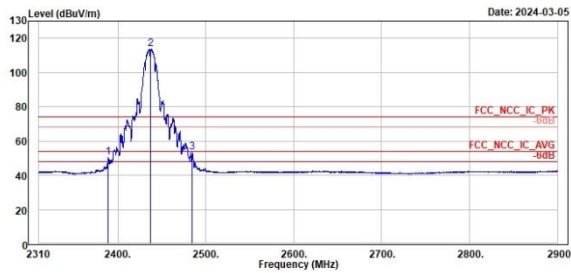
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2371.36	54.29	16.29	38.00	74.00	-19.71	288	337	Peak	Vertical	
2 *	2437.00	100.26	69.98	38.28	74.00	34.26	288	337	Peak	Vertical	
3	2484.76	56.09	17.77	38.32	74.00	-17.91	288	337	Peak	Vertical	

802.11b

Middle Channel (Horizontal) Average



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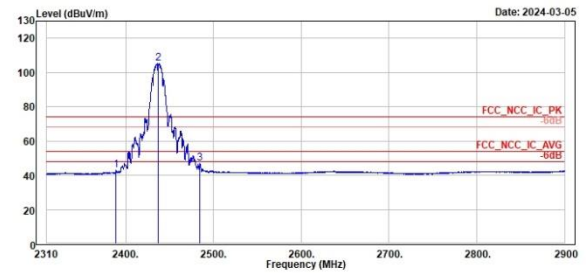


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.18	50.30	12.24	38.06	54.00	-3.70	290	88	Average	Horizontal	
2	2437.00	113.63	75.35	38.28	54.00	59.63	290	88	Average	Horizontal	
3	2484.76	53.63	15.31	38.32	54.00	-0.37	290	88	Average	Horizontal	

Middle Channel (Vertical) Average



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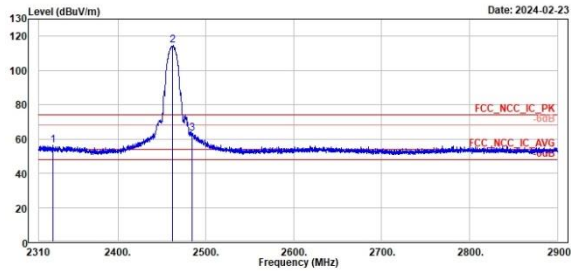
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.18	43.09	5.03	38.06	54.00	-10.91	288	337	Average	Vertical	
2	2437.00	105.37	67.09	38.28	54.00	51.37	288	337	Average	Vertical	
3	2484.76	47.18	8.86	38.32	54.00	-6.82	288	337	Average	Vertical	

802.11b

High Channel (Horizontal) Peak



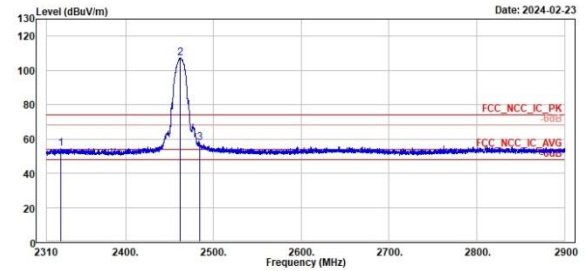
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2326.17	56.32	18.52	37.80	74.00	-17.68	284	273	Peak	Horizontal	
2 *	2462.00	114.57	76.23	38.34	74.00	40.57	284	273	Peak	Horizontal	
3	2484.17	63.31	24.99	38.32	74.00	-10.69	284	273	Peak	Horizontal	



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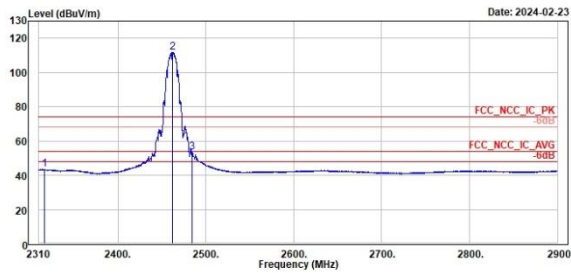
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2326.52	54.56	16.75	37.81	74.00	-19.44	315	348	Peak	Vertical	
2 *	2462.00	107.41	69.07	38.34	74.00	33.41	315	348	Peak	Vertical	
3	2484.17	58.04	19.72	38.32	74.00	-15.96	315	348	Peak	Vertical	

802.11b

High Channel (Horizontal) Average



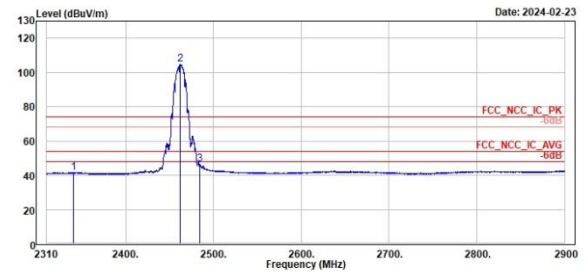
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2316.73	43.31	5.55	37.76	54.00	-10.69	284	273	Average	Horizontal	
2 *	2462.00	111.75	73.41	38.34	54.00	57.75	284	273	Average	Horizontal	
3 †	2484.64	53.42	15.10	38.32	54.00	-0.58	284	273	Average	Horizontal	



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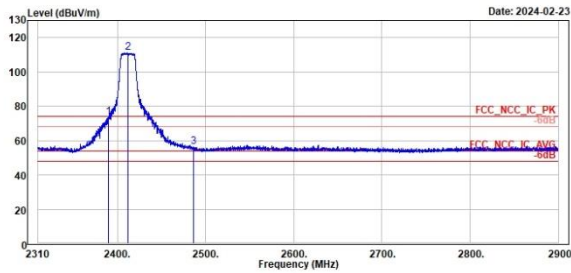
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1	2340.68	41.63	3.75	37.88	54.00	-12.37	315	348	Average	Vertical	
2 *	2462.00	104.55	66.21	38.34	54.00	50.55	315	348	Average	Vertical	
3	2484.76	46.59	8.27	38.32	54.00	-7.41	315	348	Average	Vertical	

802.11g

Low Channel (Horizontal) Peak



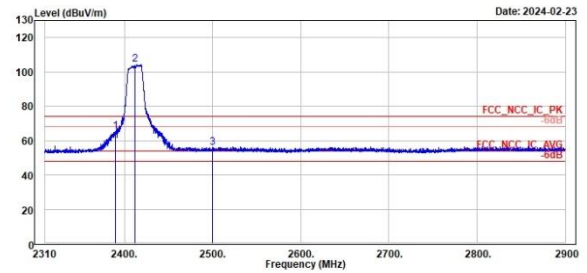
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.89	73.81	35.75	38.06	74.00	-0.19	293	272	Peak	Horizontal	
2	2412.00	111.27	73.12	38.15	74.00	37.27	293	272	Peak	Horizontal	
3	2486.76	56.53	18.21	38.32	74.00	-17.47	293	272	Peak	Horizontal	



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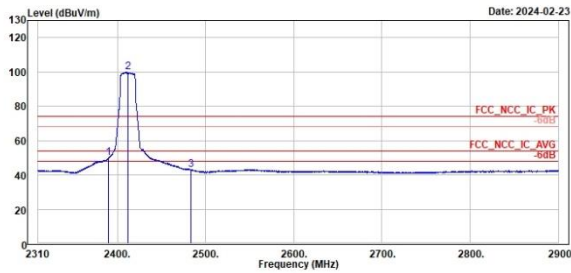
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.89	65.23	27.17	38.06	74.00	-8.77	293	337	Peak	Vertical	
2	2412.00	104.46	66.31	38.15	74.00	30.46	293	337	Peak	Vertical	
3	2499.86	55.93	17.62	38.31	74.00	-18.07	293	337	Peak	Vertical	

802.11g

Low Channel (Horizontal) Average



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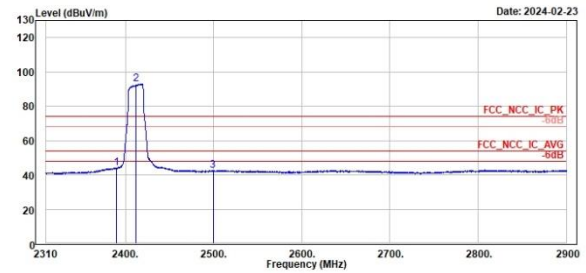


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 2389.89	50.06	12.00	38.06	54.00	-3.94	293	272	Average	Horizontal		
2 * 2412.00	99.91	61.76	38.15	54.00	45.91	293	272	Average	Horizontal		
3 2483.81	43.04	4.72	38.32	54.00	-10.96	293	272	Average	Horizontal		

Low Channel (Vertical) Average



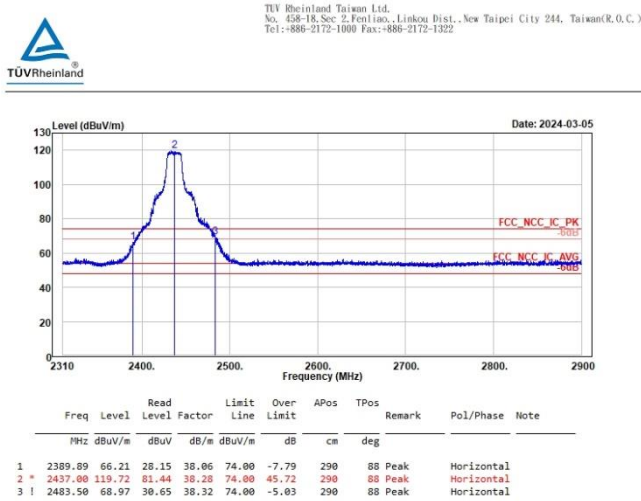
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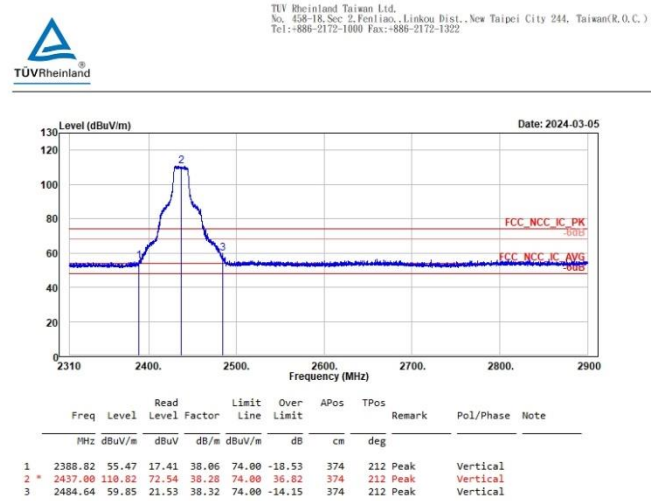
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 2389.89	44.09	6.03	38.06	54.00	-9.91	293	337	Average	Vertical		
2 * 2412.00	93.12	54.97	38.15	54.00	39.12	293	337	Average	Vertical		
3 2499.39	42.53	4.22	38.31	54.00	-11.47	293	337	Average	Vertical		

802.11g

Middle Channel (Horizontal) Peak



Middle Channel (Vertical) Peak

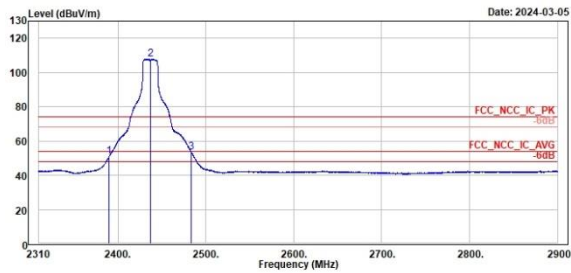


802.11g

Middle Channel (Horizontal) Average



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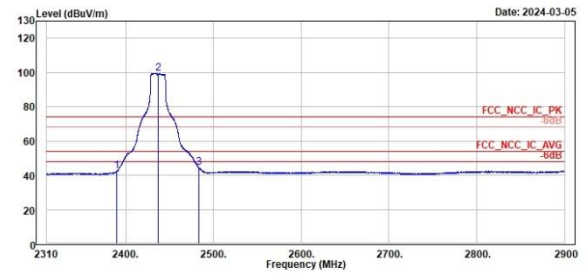


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 2390.00	50.00	12.74	38.06	54.00	-3.20	290	88	Average	Horizontal		
2 * 2437.00	107.87	69.59	38.28	54.00	53.87	290	88	Average	Horizontal		
3 2483.70	53.58	15.26	38.32	54.00	-0.42	290	88	Average	Horizontal		

Middle Channel (Vertical) Average



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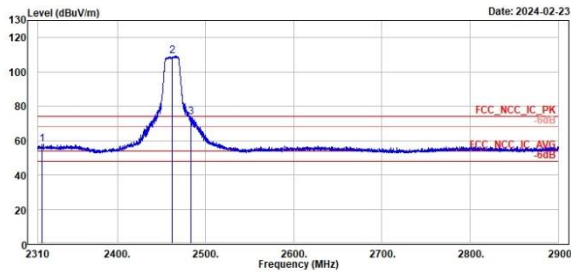
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 2389.65	42.35	4.29	38.06	54.00	-11.65	374	212	Average	Vertical		
2 * 2437.00	99.48	61.20	38.28	54.00	45.48	374	212	Average	Vertical		
3 2483.81	44.45	6.13	38.32	54.00	-9.55	374	212	Average	Vertical		

802.11g

High Channel (Horizontal) Peak



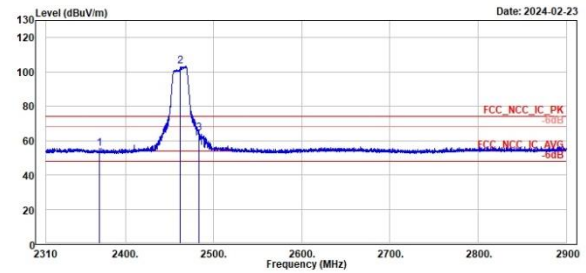
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2314.04	57.71	19.96	37.75	74.00	-16.29	284	272	Peak	Horizontal	
2 *	2462.00	109.33	70.99	38.34	74.00	35.33	284	272	Peak	Horizontal	
3 †	2483.70	73.63	35.31	38.32	74.00	-0.37	284	272	Peak	Horizontal	



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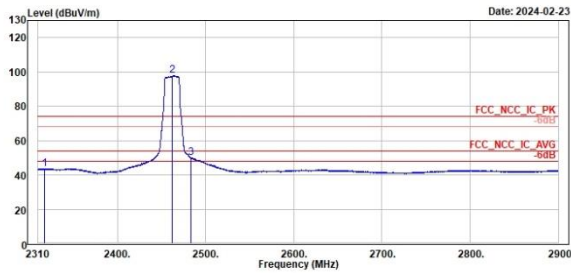
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2370.77	55.56	17.57	37.99	74.00	-18.44	315	347	Peak	Vertical	
2 *	2462.00	103.44	65.10	38.34	74.00	29.44	315	347	Peak	Vertical	
3	2483.50	64.41	26.09	38.32	74.00	-9.59	315	347	Peak	Vertical	

802.11g

High Channel (Horizontal) Average



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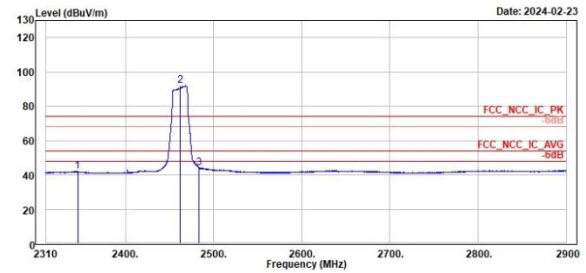


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2317.55	43.73	5.97	37.76	54.00	-10.27	284	272	Average	Horizontal	
2 *	2462.00	97.75	59.41	38.34	54.00	43.75	284	272	Average	Horizontal	
3 †	2483.58	50.04	11.72	38.32	54.00	-3.96	284	272	Average	Horizontal	

High Channel (Vertical) Average



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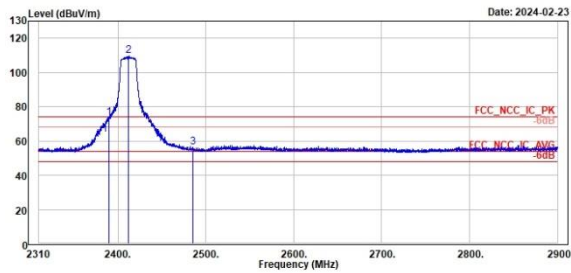
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2345.99	42.00	4.17	37.91	54.00	-11.92	315	347	Average	Vertical	
2 *	2462.00	92.03	53.69	38.34	54.00	38.03	315	347	Average	Vertical	
3	2483.50	44.17	5.85	38.32	54.00	-9.83	315	347	Average	Vertical	

802.11n HT20

Low Channel (Horizontal) Peak



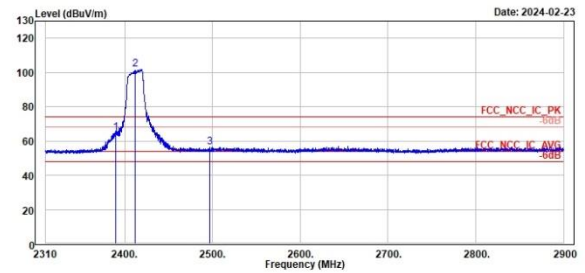
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Peak	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2390.00	73.73	35.67	38.06	74.00	-0.27	295	272	Peak	Horizontal		
2	2412.00	109.56	71.41	38.15	74.00	35.56	295	272	Peak	Horizontal		
3	2485.58	56.29	17.97	38.32	74.00	-17.71	295	272	Peak	Horizontal		



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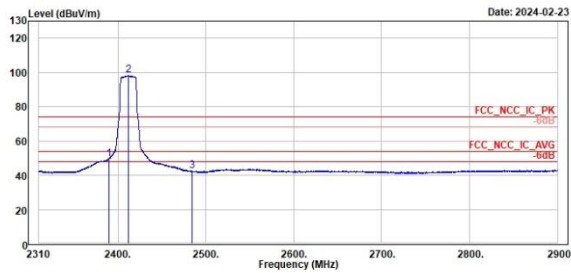
Peak	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.53	64.81	26.75	38.06	74.00	-9.19	293	337	Peak	Vertical		
2	2412.00	101.73	63.58	38.15	74.00	27.73	293	337	Peak	Vertical		
3	2497.15	56.30	17.98	38.32	74.00	-17.70	293	337	Peak	Vertical		

802.11n HT20

Low Channel (Horizontal) Average



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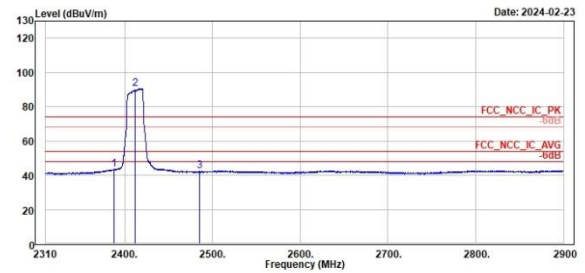


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.09	49.61	11.55	38.06	54.00	-4.39	295	272	Average	Horizontal	
2	2412.00	98.16	60.81	38.15	54.00	44.16	295	272	Average	Horizontal	
3	2484.17	42.61	4.29	38.32	54.00	-11.39	295	272	Average	Horizontal	

Low Channel (Vertical) Average



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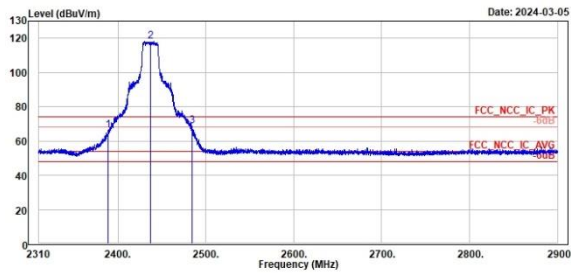
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2387.64	43.43	5.37	38.06	54.00	-10.57	293	337	Average	Vertical	
2	2412.00	90.70	52.55	38.15	54.00	36.70	293	337	Average	Vertical	
3	2485.35	42.30	3.98	38.32	54.00	-11.70	293	337	Average	Vertical	

802.11n HT20

Middle Channel (Horizontal) Peak



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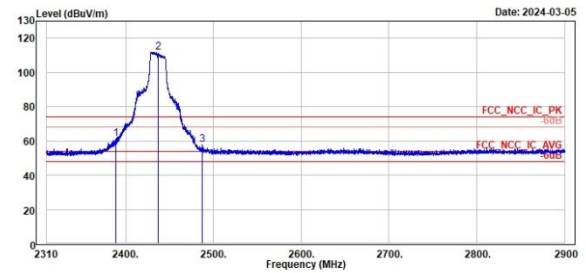


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.30	66.31	28.25	38.06	74.00	-7.69	292	87 Peak	Horizontal		
2 *	2437.00	117.91	79.63	38.28	74.00	43.91	292	87 Peak	Horizontal		
3 †	2484.29	68.63	30.31	38.32	74.00	-5.37	292	87 Peak	Horizontal		

Middle Channel (Vertical) Peak



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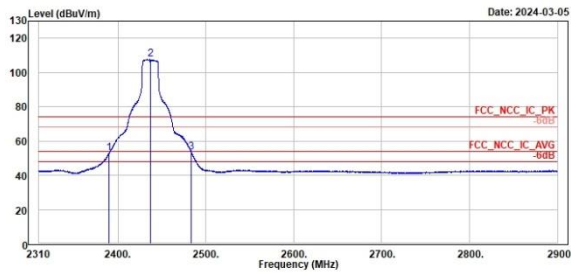
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.30	61.17	23.11	38.06	74.00	-12.83	328	18 Peak	Vertical		
2 *	2437.00	111.95	73.67	38.28	74.00	37.95	328	18 Peak	Vertical		
3	2487.00	57.67	19.35	38.32	74.00	-16.33	328	18 Peak	Vertical		

802.11n HT20

Middle Channel (Horizontal) Average



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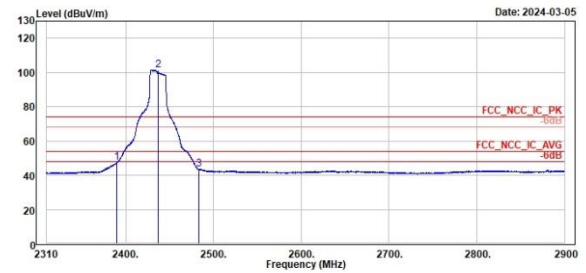


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 2390.00	53.10	15.04	38.06	54.00	-0.90	292	87	Average	Horizontal		
2 * 2437.00	107.64	69.36	38.28	54.00	53.64	292	87	Average	Horizontal		
3 2483.50	53.35	15.03	38.32	54.00	-0.65	292	87	Average	Horizontal		

Middle Channel (Vertical) Average



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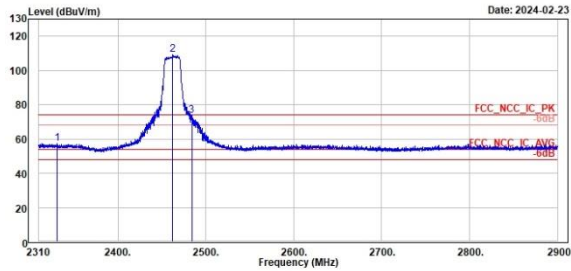
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 2390.00	47.31	9.25	38.06	54.00	-6.69	328	18	Average	Vertical		
2 * 2437.00	101.54	63.26	38.28	54.00	47.54	328	18	Average	Vertical		
3 2483.50	43.50	5.18	38.32	54.00	-10.50	328	18	Average	Vertical		

802.11n HT20

High Channel (Horizontal) Peak



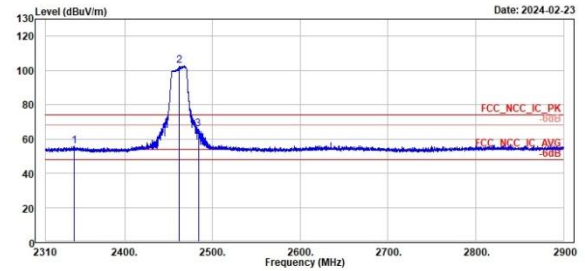
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2331.48	57.26	19.42	37.84	74.00	-16.74	285	270	Peak	Horizontal	
2 *	2462.00	109.44	71.10	38.34	74.00	35.44	285	270	Peak	Horizontal	
3 †	2483.93	73.83	35.51	38.32	74.00	-0.17	285	270	Peak	Horizontal	



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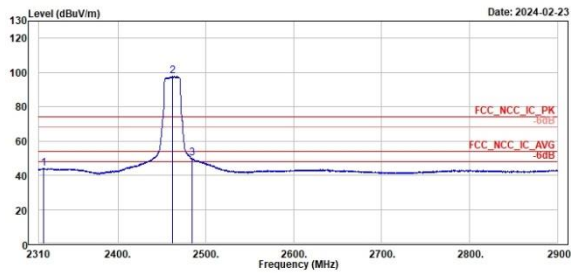
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2342.33	55.77	17.08	37.69	74.00	-18.23	315	347	Peak	Vertical	
2 *	2462.00	102.63	64.29	38.34	74.00	28.63	315	347	Peak	Vertical	
3	2483.93	65.89	27.57	38.32	74.00	-8.11	315	347	Peak	Vertical	

802.11n HT20

High Channel (Horizontal) Average



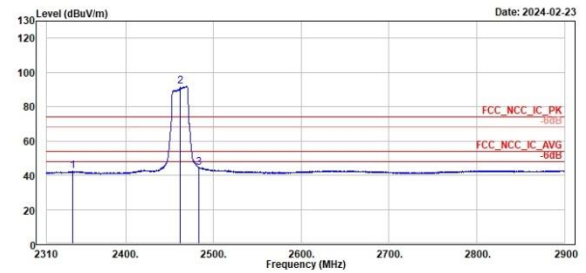
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2315.19	43.90	6.15	37.75	54.00	-10.10	285	270	Average	Horizontal	
2 *	2462.00	97.89	59.55	38.34	54.00	43.89	285	270	Average	Horizontal	
3 †	2484.17	49.95	11.63	38.32	54.00	-4.05	285	270	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	cm	deg				
1	2339.50	42.31	4.43	37.88	54.00	-11.69	315	347	Average	Vertical	
2 *	2462.00	91.73	53.39	38.34	54.00	37.73	315	347	Average	Vertical	
3	2483.50	44.57	6.25	38.32	54.00	-9.43	315	347	Average	Vertical	

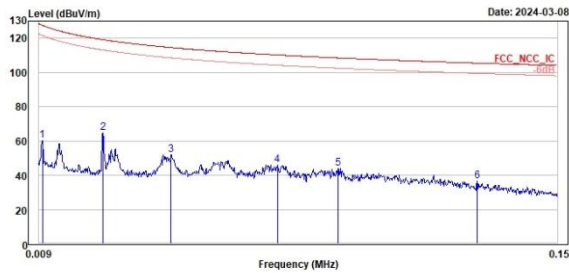
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

802.11b

Low Channel(Open) 9kHz~150kHz



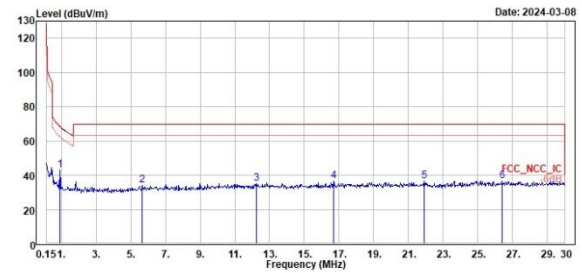
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.01	60.36	42.05	18.31	127.60	-67.24	100	358	Peak	Open	
2	0.03	64.72	44.91	19.81	119.13	-54.41	100	34	Peak	Open	
3	0.04	52.07	32.56	19.51	114.54	-62.47	100	192	Peak	Open	
4	0.07	46.06	27.43	18.63	110.23	-64.17	100	192	Peak	Open	
5	0.09	44.13	25.51	18.62	108.48	-64.35	100	179	Peak	Open	
6	0.13	36.43	17.74	18.69	105.44	-69.01	100	185	Peak	Open	



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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	cm	deg				
1	0.93	42.80	23.66	19.14	68.27	-25.47	100	357	Peak	Open	
2	5.67	34.22	13.70	20.52	69.50	-35.28	100	36	Peak	Open	
3	12.24	35.28	13.69	21.59	69.50	-34.22	100	171	Peak	Open	
4	16.69	36.44	14.27	22.17	69.50	-33.06	100	93	Peak	Open	
5	21.91	36.49	14.43	22.06	69.50	-33.01	100	323	Peak	Open	
6	26.42	36.53	13.70	22.83	69.50	-32.97	100	11	Peak	Open	

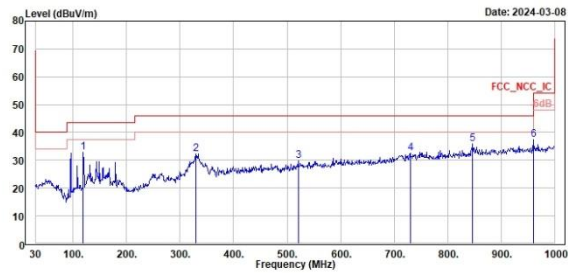
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

802.11b

Low Channel (Horizontal)



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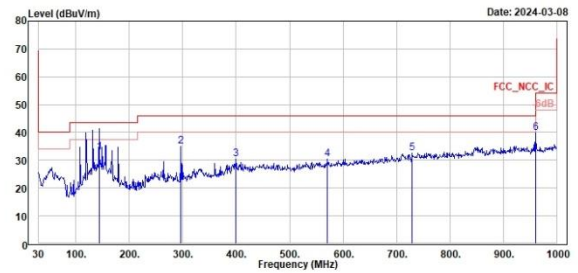


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	119.24	32.90	42.09	-9.19	43.50	-10.60	110	360	Peak	Horizontal		
2	329.73	32.36	36.26	-3.90	46.00	-13.64	100	219	Peak	Horizontal		
3	520.82	29.90	30.90	-1.00	46.00	-16.10	100	342	Peak	Horizontal		
4	730.34	32.50	30.33	2.17	46.00	-13.50	200	272	Peak	Horizontal		
5	846.74	35.96	31.86	4.10	46.00	-10.04	159	360	Peak	Horizontal		
6	960.23	37.42	31.91	5.51	54.00	-16.58	157	360	Peak	Horizontal		

Low Channel (Vertical)



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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	cm	deg				
1	143.40	32.85	39.30	-6.45	43.50	-10.65	100	140	QP	Vertical		
2	296.75	34.88	39.77	-4.89	46.00	-11.12	100	33	Peak	Vertical		
3	399.57	30.48	33.42	-2.94	46.00	-15.52	100	282	Peak	Vertical		
4	571.26	30.30	30.83	-0.53	46.00	-15.70	156	360	Peak	Vertical		
5	729.37	32.69	30.55	2.14	46.00	-13.31	200	242	Peak	Vertical		
6	960.23	39.76	34.25	5.51	54.00	-14.24	130	360	Peak	Vertical		

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

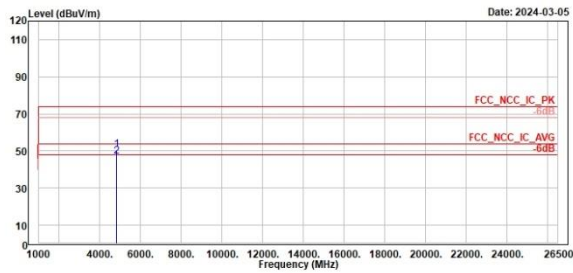
802.11b

Low Channel (Horizontal)

Low Channel (Vertical)



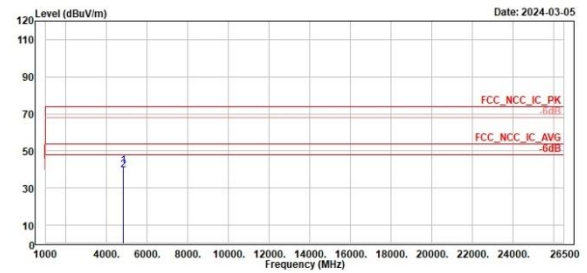
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4824.00	50.54	58.49	-7.95	74.00	-23.46	354	293	Peak	Horizontal	
2	4824.00	47.21	55.16	-7.95	54.00	-6.79	354	293	Average	Horizontal	



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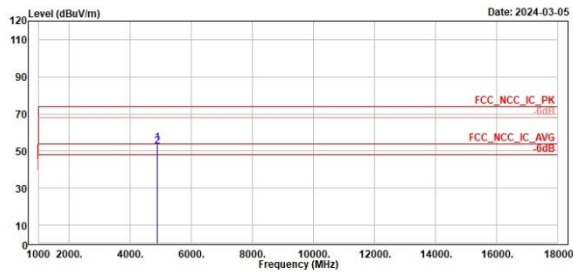
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4824.00	41.96	49.91	-7.95	74.00	-32.04	375	157	Peak	Vertical	
2	4824.00	39.79	47.74	-7.95	54.00	-14.21	375	157	Average	Vertical	

802.11b

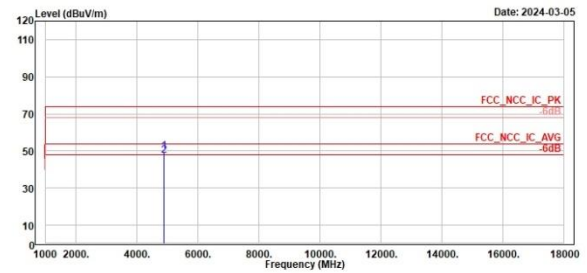
Middle Channel (Horizontal)



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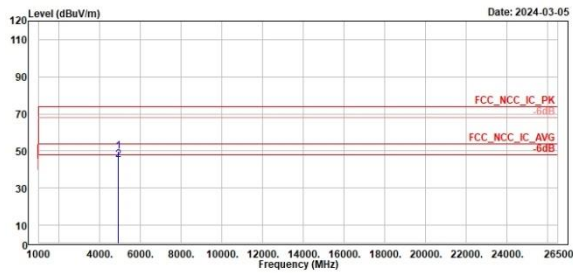
802.11b

High Channel (Horizontal)

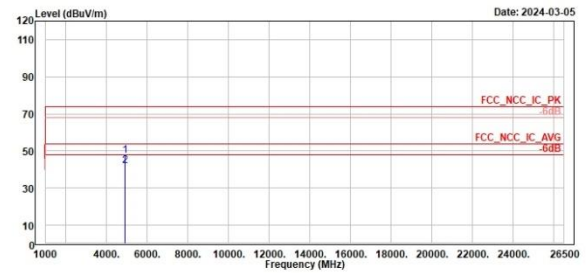
High Channel (Vertical)



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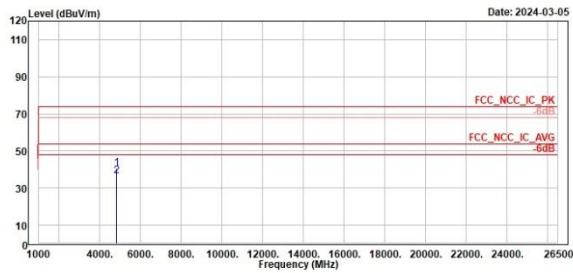
802.11g

Low Channel (Horizontal)

Low Channel (Vertical)



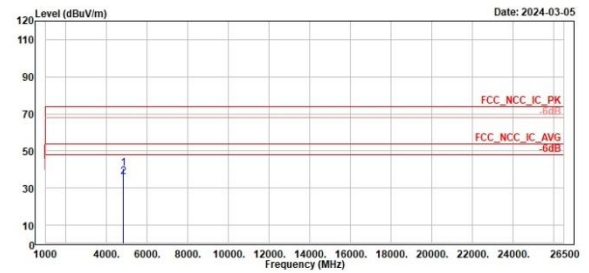
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4824.00	40.70	48.65	-7.95	74.00	-33.30	100	89	Peak	Horizontal	
2	4824.00	36.67	44.62	-7.95	54.00	-17.33	100	89	Average	Horizontal	



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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	cm	deg				
1	4824.00	40.83	48.78	-7.95	74.00	-33.17	100	360	Peak	Vertical	
2	4824.00	35.90	43.85	-7.95	54.00	-18.10	100	360	Average	Vertical	

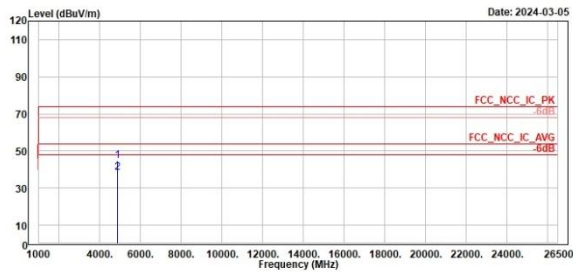
802.11g

Middle Channel (Horizontal)

Middle Channel (Vertical)



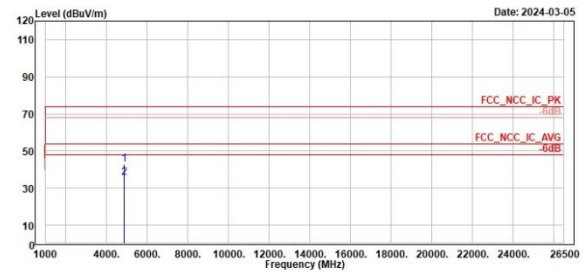
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4874.00	44.57	52.48	-7.91	74.00	-29.43	374	91	Peak	Horizontal	
2	4874.00	38.24	46.15	-7.91	54.00	-15.76	374	91	Average	Horizontal	



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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	cm	deg				
1	4874.00	42.98	50.89	-7.91	74.00	-31.02	354	240	Peak	Vertical	
2	4874.00	35.44	43.35	-7.91	54.00	-18.56	354	240	Average	Vertical	

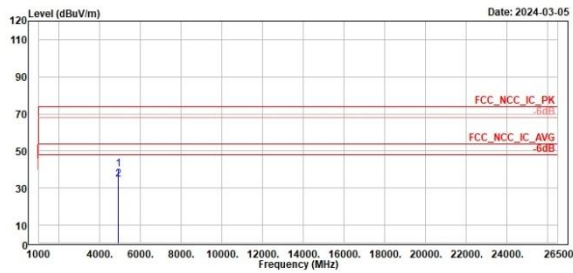
802.11g

High Channel (Horizontal)

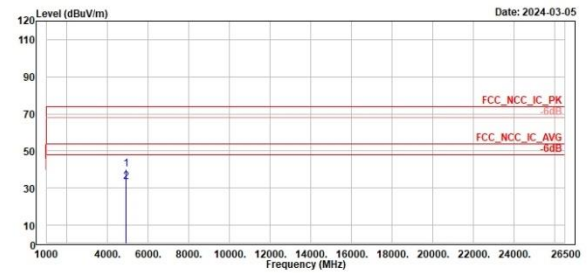
High Channel (Vertical)



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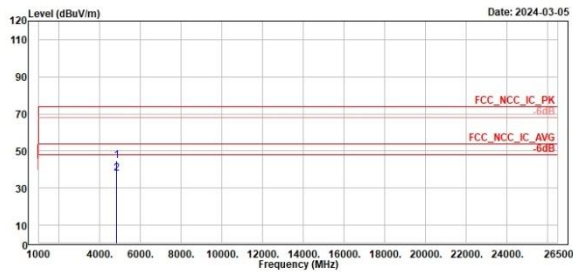
802.11n HT20

Low Channel (Horizontal)

Low Channel (Vertical)



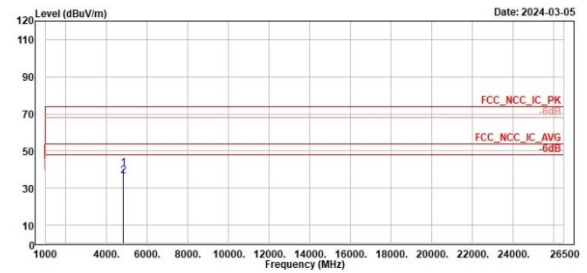
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4824.00	44.82	52.77	-7.95	74.00	-29.18	100	122	Peak	Horizontal	
2	4824.00	37.69	45.64	-7.95	54.00	-16.31	100	122	Average	Horizontal	



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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	cm	deg				
1	4824.00	40.41	48.36	-7.95	74.00	-33.59	100	360	Peak	Vertical	
2	4824.00	36.56	44.51	-7.95	54.00	-17.44	100	360	Average	Vertical	

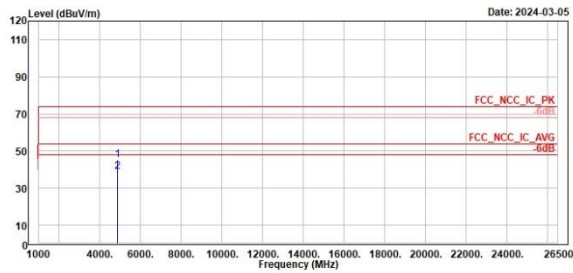
802.11n HT20

Middle Channel (Horizontal)

Middle Channel (Vertical)



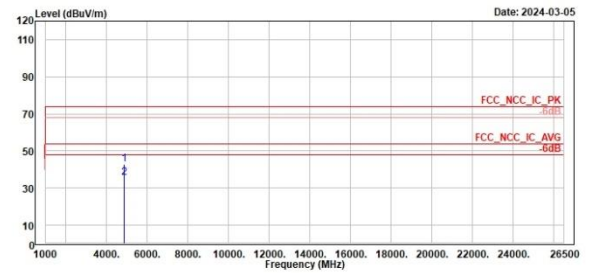
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4874.00	45.05	52.96	-7.91	74.00	-28.95	372	92	Peak	Horizontal	
2	4874.00	38.65	46.56	-7.91	54.00	-15.35	372	92	Average	Horizontal	



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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	cm	deg				
1	4874.00	42.85	50.76	-7.91	74.00	-31.15	375	239	Peak	Vertical	
2	4874.00	35.40	43.31	-7.91	54.00	-18.60	375	239	Average	Vertical	

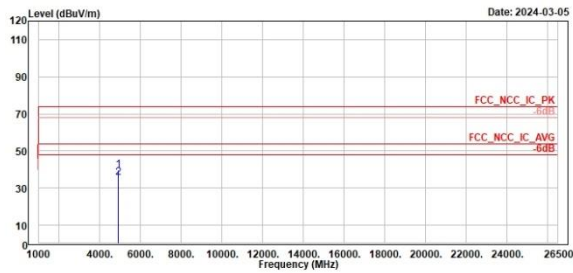
802.11n HT20

High Channel (Horizontal)

High Channel (Vertical)



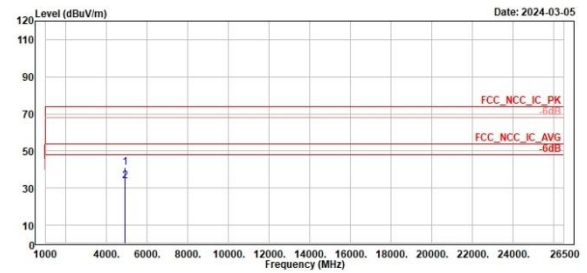
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4924.00	39.56	47.44	-7.88	74.00	-34.44	100	122	Peak	Horizontal	
2	4924.00	35.48	43.36	-7.88	54.00	-18.52	100	122	Average	Horizontal	



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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	cm	deg				
1	4924.00	41.00	48.88	-7.88	74.00	-33.00	100	0	Peak	Vertical	
2	4924.00	33.67	41.55	-7.88	54.00	-20.33	100	0	Average	Vertical	

<Non-ECC Mode>

Band Edges, 2.31GHz ~ 2.9GHz

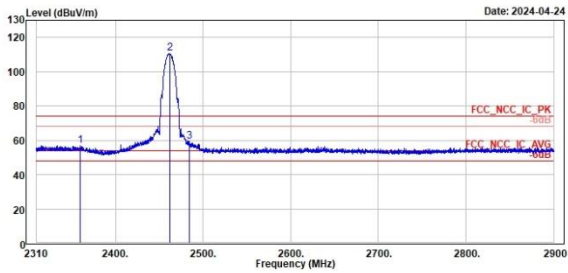
802.11b

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



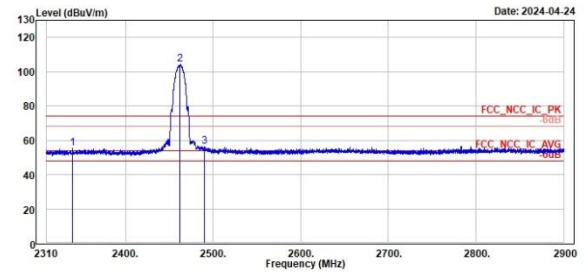
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2359.56	56.95	18.99	37.96	74.00	-17.05	355	285	Peak	Horizontal		
2 *	2462.00	118.75	72.41	38.34	74.00	36.75	355	285	Peak	Horizontal		
3	2484.29	59.12	20.80	38.32	74.00	-14.88	355	285	Peak	Horizontal		



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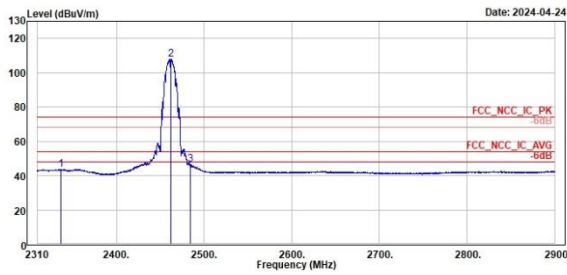
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2359.97	55.15	17.27	37.88	74.00	-18.85	367	178	Peak	Vertical		
2 *	2462.00	104.10	65.76	38.34	74.00	30.10	367	178	Peak	Vertical		
3	2490.07	56.30	17.98	38.32	74.00	-17.70	367	178	Peak	Vertical		

802.11b

High Channel (Horizontal) Average



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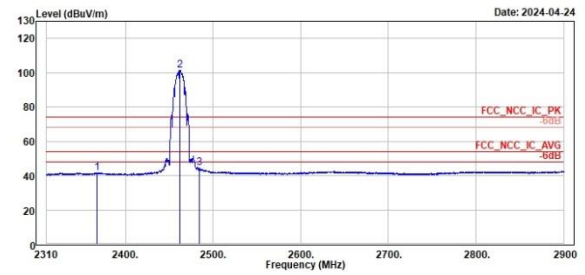


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2336.67	43.52	5.66	37.86	54.00	-10.48	355	285	Average	Horizontal		
2 *	2462.00	107.87	69.53	38.34	54.00	53.87	355	285	Average	Horizontal		
3	2484.76	46.52	8.20	38.32	54.00	-7.48	355	285	Average	Horizontal		

High Channel (Vertical) Average



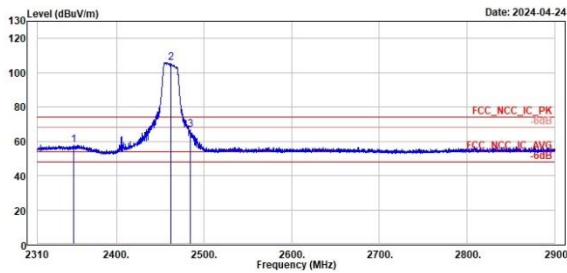
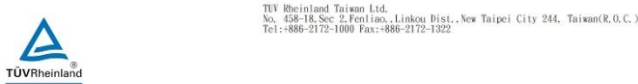
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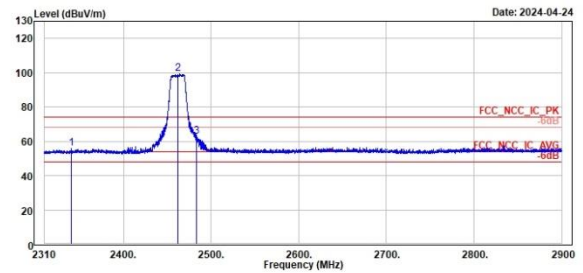
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2368.06	41.53	3.54	37.99	54.00	-12.47	367	178	Average	Vertical		
2 *	2462.00	101.20	62.86	38.34	54.00	47.20	367	178	Average	Vertical		
3	2484.29	44.53	6.21	38.32	54.00	-9.47	367	178	Average	Vertical		

802.11g

High Channel (Horizontal) Peak



	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2351.65	57.69	19.76	37.93	74.00	-16.31	355	285	Peak	Horizontal		
2 *	2462.00	105.93	67.59	38.34	74.00	31.93	355	285	Peak	Horizontal		
3	2484.52	66.77	28.45	38.32	74.00	-7.23	355	285	Peak	Horizontal		



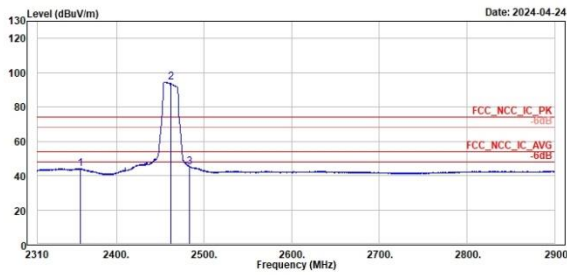
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2341.03	55.94	18.06	37.88	74.00	-18.06	367	180	Peak	Vertical		
2 *	2462.00	99.17	68.83	30.34	74.00	25.17	367	180	Peak	Vertical		
3	2483.81	62.85	24.53	38.32	74.00	-11.15	367	180	Peak	Vertical		

802.11g

High Channel (Horizontal) Average



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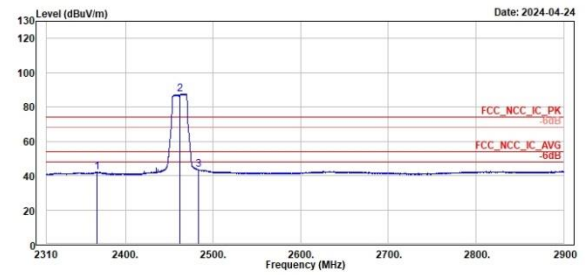


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2358.62	44.04	6.08	37.96	54.00	-9.96	355	285	Average	Horizontal		
2 *	2462.00	94.65	56.31	38.34	54.00	40.65	355	285	Average	Horizontal		
3	2483.46	45.06	6.74	38.32	54.00	-8.94	355	285	Average	Horizontal		

High Channel (Vertical) Average



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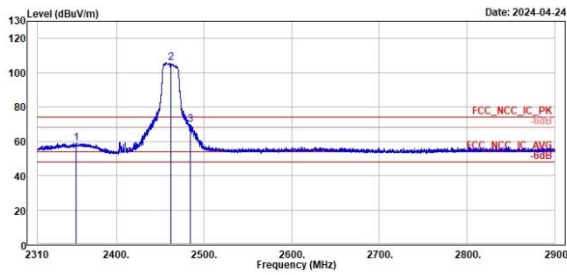
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2367.47	41.88	3.90	37.98	54.00	-12.12	367	180	Average	Vertical		
2 *	2462.00	87.61	49.27	38.34	54.00	33.61	367	180	Average	Vertical		
3	2483.46	43.35	5.03	38.32	54.00	-10.65	367	180	Average	Vertical		

802.11n HT20

High Channel (Horizontal) Peak



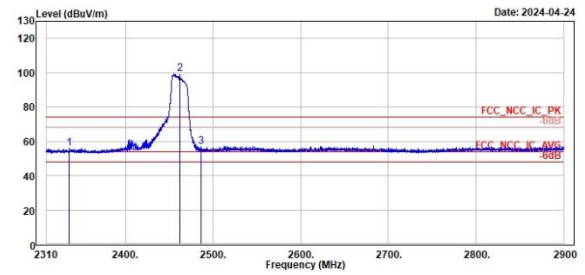
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2354.60	58.85	20.90	37.95	74.00	-15.15	356	85	Peak	Horizontal		
2 *	2462.00	106.01	67.67	38.34	74.00	32.01	356	85	Peak	Horizontal		
3 †	2484.29	69.78	31.46	38.32	74.00	-4.22	356	85	Peak	Horizontal		



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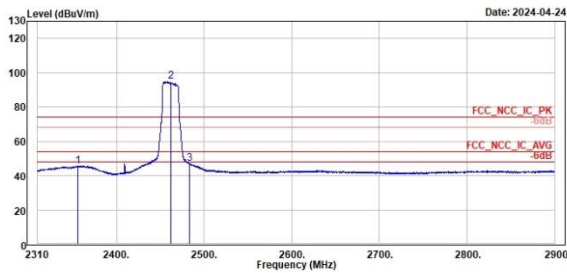
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2335.96	55.87	18.02	37.85	74.00	-16.13	368	19	Peak	Vertical		
2 *	2462.00	99.13	60.79	38.34	74.00	25.13	368	19	Peak	Vertical		
3	2485.94	56.98	18.66	38.32	74.00	-17.02	368	19	Peak	Vertical		

802.11n HT20

High Channel (Horizontal) Average



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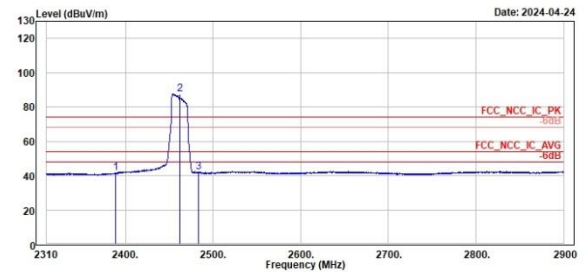


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2356.02	45.55	7.60	37.95	54.00	-8.45	356	85	Average	Horizontal		
2 *	2462.00	94.69	56.35	38.34	54.00	40.69	356	85	Average	Horizontal		
3	2483.46	47.16	8.84	38.32	54.00	-6.84	356	85	Average	Horizontal		

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	cm	cm	deg			
1	2388.47	41.42	3.36	38.06	54.00	-12.58	368	19	Average	Vertical		
2 *	2462.00	87.69	49.35	38.34	54.00	33.69	368	19	Average	Vertical		
3	2483.46	41.83	3.51	38.32	54.00	-12.17	368	19	Average	Vertical		

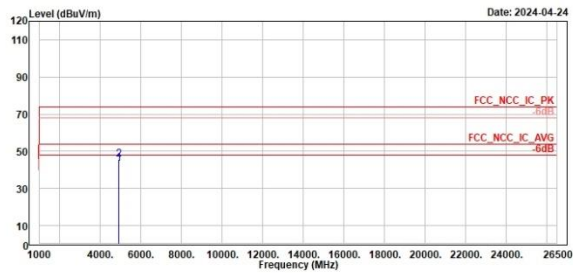
Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

802.11b

High Channel (Horizontal)



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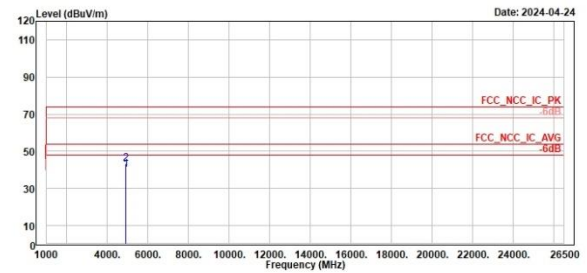


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	4924.00	43.32	51.20	-7.88	54.00	-10.68	300	294	Average	Horizontal		
2	4924.00	45.75	53.63	-7.88	74.00	-20.25	300	294	Peak	Horizontal		

High Channel (Vertical)



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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	cm	cm	deg			
1	4924.00	40.28	48.16	-7.88	54.00	-13.72	300	208	Average	Vertical		
2	4924.00	43.27	51.15	-7.88	74.00	-30.73	300	208	Peak	Vertical		

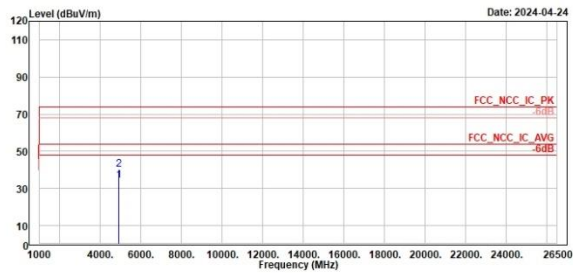
802.11g

Middle Channel (Horizontal)

Middle Channel (Vertical)



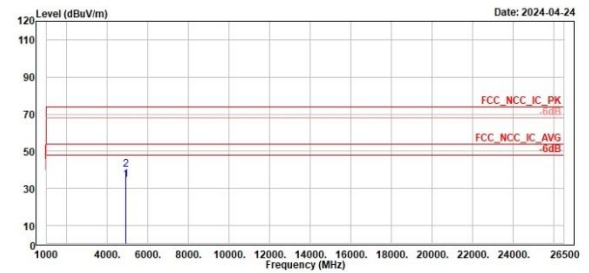
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	4924.00	34.44	42.32	-7.88	54.00	-19.56	334	360	Average	Horizontal		
2	4924.00	40.13	48.01	-7.88	74.00	-33.87	334	360	Peak	Horizontal		



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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	cm	cm	deg			
1	4924.00	34.61	42.49	-7.88	54.00	-19.39	300	353	Average	Vertical		
2	4924.00	40.30	48.18	-7.88	74.00	-33.70	300	353	Peak	Vertical		

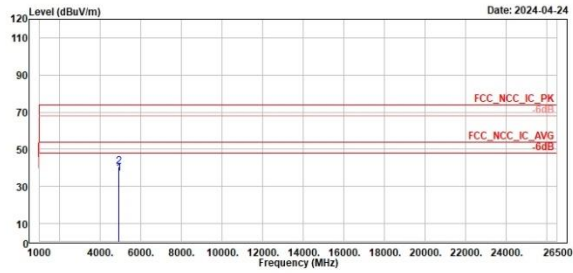
802.11n HT20

High Channel (Horizontal)

High Channel (Vertical)



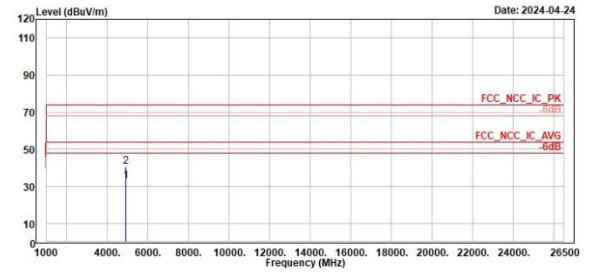
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	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.00	36.75	44.63	-7.88	54.00	-17.25	300	79	Average	Horizontal	
2	4924.00	40.72	48.60	-7.88	74.00	-33.28	300	79	Peak	Horizontal	



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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	4924.00	32.64	40.52	-7.88	54.00	-21.36	200	328	Average	Vertical	
2	4924.00	40.56	48.44	-7.88	74.00	-33.44	200	328	Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

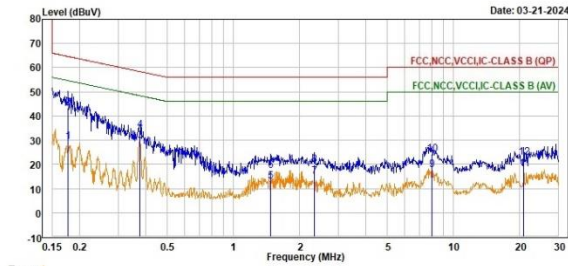
Worst Band

(Line)

(Neutral)



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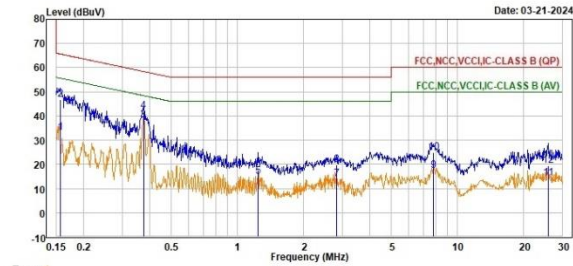


Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Remark	Pol/Phase
	MHz	dBuV	Factor	dB	dBuV	dB	
1	0.18	29.34	19.72	9.62	54.63	-25.29	Average line1
2	0.18	43.42	33.88	9.62	64.63	-21.21	QP line1
3	0.38	29.54	19.91	9.63	48.38	-18.84	Average line1
4	0.38	34.82	24.39	9.63	58.38	-24.36	QP line1
5	1.47	13.08	3.43	9.65	46.00	-32.92	Average line1
6	1.47	17.34	7.69	9.65	56.00	-38.66	QP line1
7	2.34	14.95	5.29	9.66	46.00	-31.05	Average line1
8	2.34	19.80	10.14	9.66	56.00	-36.20	QP line1
9	8.01	17.85	8.11	9.74	50.00	-32.15	Average line1
10	8.01	24.23	14.49	9.74	60.00	-35.77	QP line1
11	20.95	17.93	8.17	9.76	50.00	-32.07	Average line1
12	20.95	22.90	13.14	9.76	60.00	-37.10	QP line1



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Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Remark	Pol/Phase
	MHz	dBuV	Factor	dB	dBuV	dB	
1	0.16	32.98	23.36	9.62	55.67	-22.69	Average neutral
2	0.16	46.84	37.22	9.62	65.67	-18.83	QP neutral
3	0.37	38.89	28.46	9.63	48.42	-10.33	Average neutral
4	0.37	41.89	32.26	9.63	58.42	-16.53	QP neutral
5	1.24	14.95	5.31	9.64	46.00	-31.05	Average neutral
6	1.24	17.84	8.20	9.64	56.00	-38.16	QP neutral
7	2.83	13.85	4.17	9.68	46.00	-32.15	Average neutral
8	2.83	19.69	10.01	9.68	56.00	-36.31	QP neutral
9	7.77	17.39	7.63	9.76	50.00	-32.61	Average neutral
10	7.77	24.93	15.17	9.76	60.00	-35.07	QP neutral
11	25.83	14.37	4.50	9.87	50.00	-35.63	Average neutral
12	25.83	19.47	9.60	9.87	60.00	-40.53	QP neutral