

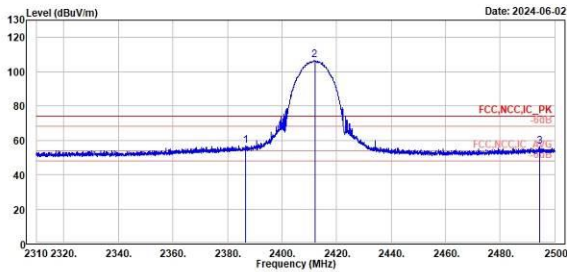
Band Edges, 2.31GHz ~ 2.9GHz

802.11b

Low Channel (Horizontal) Peak



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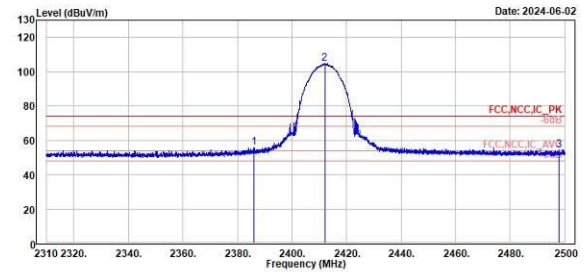


	Freq	Level	hd	Line	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2386.570	57.06	19.39	37.67	74.00	-16.94	335	155	Peak	Horizontal
2 *	2412.000	106.68	68.91	37.77	77.40	32.68	335	155	Peak	Horizontal
3	2494.338	56.57	18.56	38.01	74.00	-17.43	335	155	Peak	Horizontal

Low Channel (Vertical) Peak



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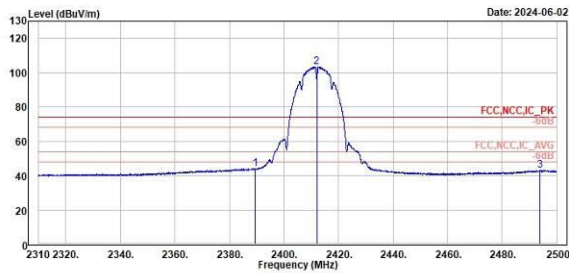
	Freq	Read Level	Line Limit	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBu/m	dB/m	dBu/m	dB	cm	deg		
1	2385.924	55.90	18.23	37.67	74.00 -18.10	319	74 Peak	Vertical	
2	2412.000	104.88	67.11	37.77	74.00 30.88	319	74 Peak	Vertical	
3	2498.024	54.55	16.54	30.74	74.00 -19.45	319	74 Peak	Vertical	

802.11b

Low Channel (Horizontal) Average



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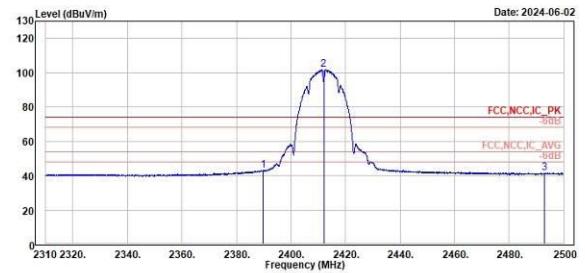


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2389.458	44.22	6.54	37.68	54.00	-9.78	335	155	Average	Horizontal		
2	2412.000	103.48	65.71	37.77	54.00	49.48	335	155	Average	Horizontal		
3	2493.844	43.07	5.06	38.01	54.00	-10.93	335	155	Average	Horizontal		

Low Channel (Vertical) Average



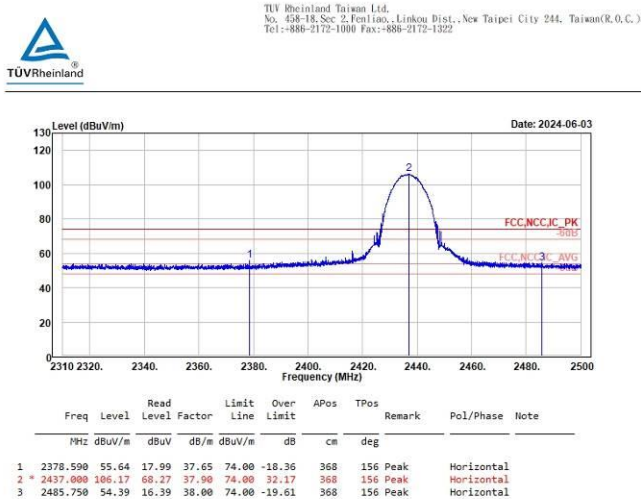
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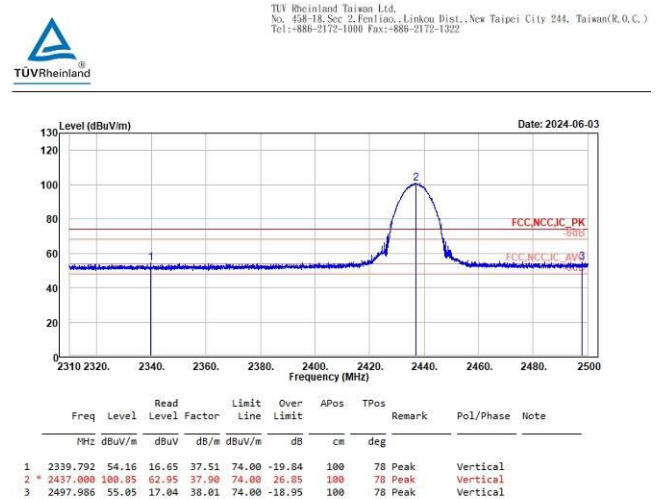
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2389.676	42.98	5.30	37.68	54.00	-11.02	319	74	Average	Vertical		
2	2412.000	101.79	63.93	37.77	54.00	47.79	319	74	Average	Vertical		
3	2492.894	41.51	3.50	38.01	54.00	-12.49	319	74	Average	Vertical		

802.11b

Middle Channel (Horizontal) Peak



Middle Channel (Vertical) Peak

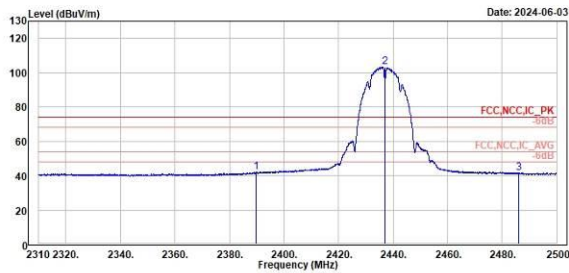


802.11b

Middle Channel (Horizontal) Average



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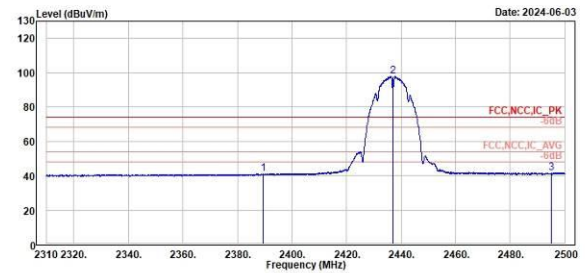


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.648	41.94	4.26	37.68	54.00	-12.06	368	156	Average	Horizontal		
2	2437.000	103.32	65.42	37.90	54.00	49.32	368	156	Average	Horizontal		
3	2486.130	41.76	3.76	38.00	54.00	-12.24	368	156	Average	Horizontal		

Middle Channel (Vertical) Average



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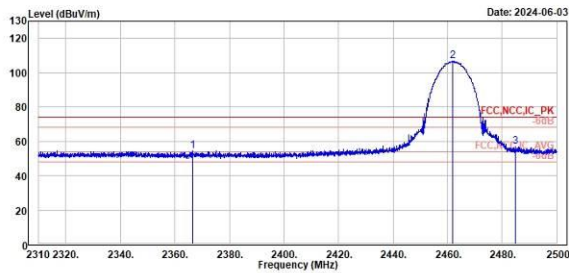
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.420	40.90	3.22	37.68	54.00	-13.10	100	78	Average	Vertical		
2	2437.000	97.77	59.87	37.90	54.00	43.77	100	78	Average	Vertical		
3	2495.250	41.71	3.70	38.01	54.00	-12.29	100	78	Average	Vertical		

802.11b

High Channel (Horizontal) Peak



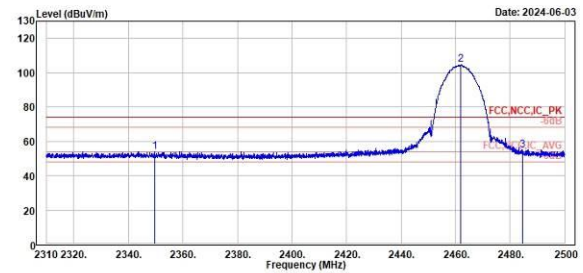
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Peak	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2366.392	54.56	16.95	37.61	74.00	-19.44	249	168	Peak	Horizontal		
2	2462.000	106.89	68.91	37.98	74.00	32.89	249	168	Peak	Horizontal		
3	2484.724	56.73	18.73	38.00	74.00	-17.27	249	168	Peak	Horizontal		



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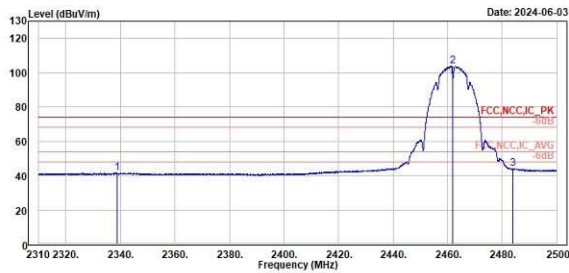
Peak	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2349.634	54.01	16.45	37.56	74.00	-19.99	392	72	Peak	Vertical		
2	2462.000	104.67	66.69	37.98	74.00	30.67	392	72	Peak	Vertical		
3	2484.458	55.02	17.02	38.00	74.00	-18.98	392	72	Peak	Vertical		

802.11b

High Channel (Horizontal) Average



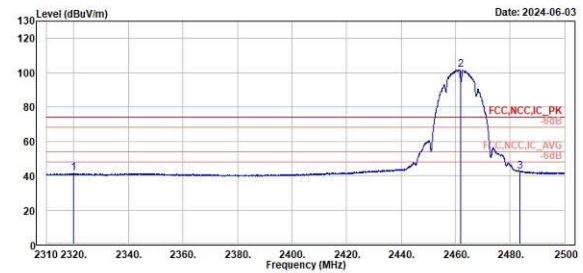
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Factor	Line	Limit					
1	2338.018	41.48	3.97	37.51	54.00	-12.52	249	168 Average	Horizontal	
2	2462.000	103.88	65.90	37.98	54.00	49.88	249	168 Average	Horizontal	
3	2484.040	44.05	6.05	38.00	54.00	-9.95	249	168 Average	Horizontal	



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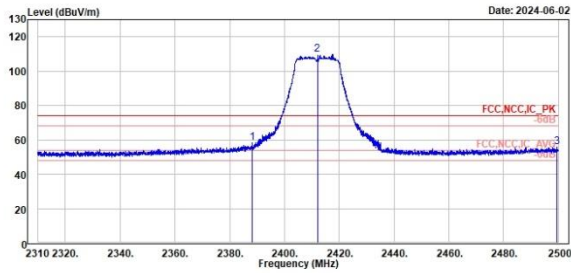
	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Factor	Line	Limit					
1	2319.766	41.38	3.97	37.41	54.00	-12.62	392	72 Average	Vertical	
2	2462.000	101.82	63.84	37.98	54.00	47.82	392	72 Average	Vertical	
3	2483.660	42.55	4.55	38.00	54.00	-11.45	392	72 Average	Vertical	

802.11g

Low Channel (Horizontal) Peak



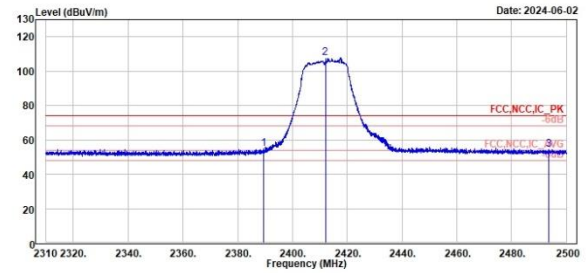
TÜV Rheinland Taiwan Ltd.
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2388.32	58.14	20.46	37.68	74.00	-15.86	335	157	Peak	Horizontal		
2 *	2412.00	109.79	72.02	37.77	74.00	35.79	335	157	Peak	Horizontal		
3	2499.51	56.05	18.04	38.01	74.00	-17.95	335	157	Peak	Horizontal		



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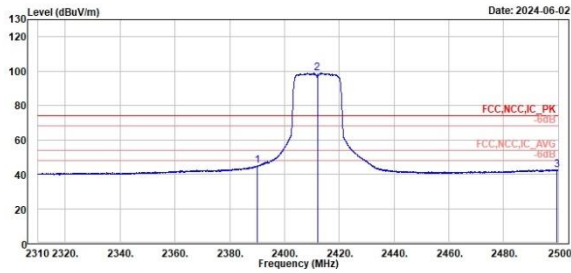
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2389.53	54.72	17.04	37.68	74.00	-19.28	358	69	Peak	Vertical		
2 *	2412.00	107.74	69.97	37.77	74.00	33.74	358	69	Peak	Vertical		
3	2493.62	54.34	16.33	38.01	74.00	-19.66	358	69	Peak	Vertical		

802.11g

Low Channel (Horizontal) Average



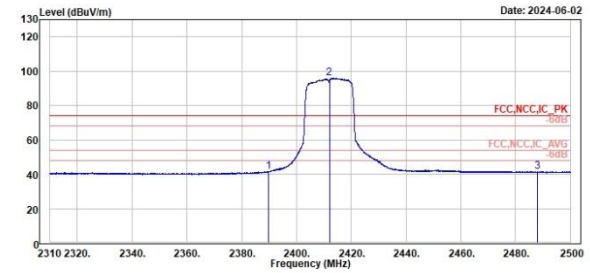
TÜV Rheinland Taiwan Ltd.
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Low Channel (Vertical) Average



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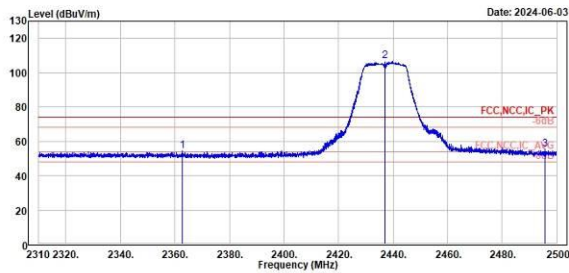


802.11g

Middle Channel (Horizontal) Peak



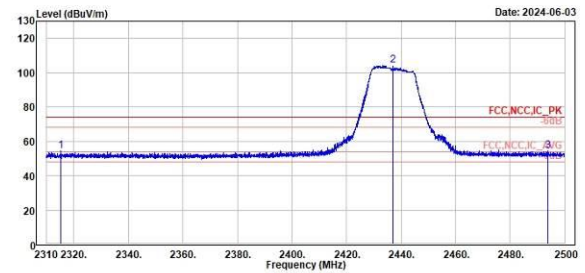
TÜV Rheinland Taiwan Ltd.
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2362.668	54.41	16.81	37.60	74.00	-19.59	252	166	Peak	Horizontal		
2	* 2437.000	106.67	68.77	37.90	74.00	32.67	252	166	Peak	Horizontal		
3	2495.668	55.40	17.39	38.01	74.00	-18.60	252	166	Peak	Horizontal		



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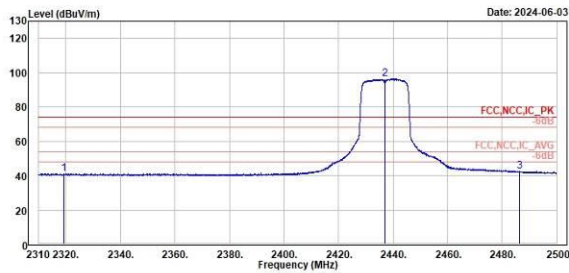
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2315.130	54.13	16.75	37.38	74.00	-19.87	400	77	Peak	Vertical		
2	* 2437.000	104.20	66.30	37.90	74.00	30.20	400	77	Peak	Vertical		
3	2493.844	54.16	16.15	38.01	74.00	-19.84	400	77	Peak	Vertical		

802.11g

Middle Channel (Horizontal) Average



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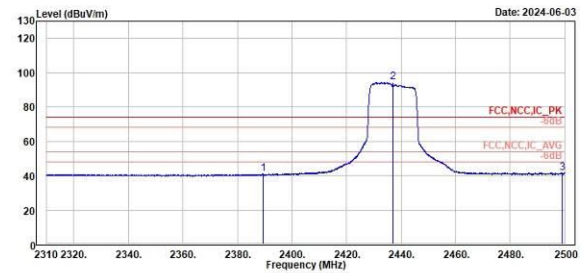


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 2319.348	41.16	3.75	37.41	54.00	-12.04	252	166	Average	Horizontal		
2 * 2437.000	96.32	58.42	37.90	54.00	42.32	252	166	Average	Horizontal		
3 2486.320	42.55	4.55	38.00	54.00	-11.45	252	166	Average	Horizontal		

Middle Channel (Vertical) Average



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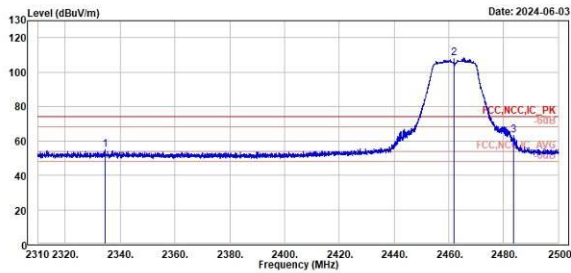
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 2389.420	40.99	3.31	37.68	54.00	-13.01	400	77	Average	Vertical		
2 * 2437.000	94.28	56.38	37.90	54.00	40.28	400	77	Average	Vertical		
3 2499.202	41.70	3.69	38.01	54.00	-12.30	400	77	Average	Vertical		

802.11g

High Channel (Horizontal) Peak



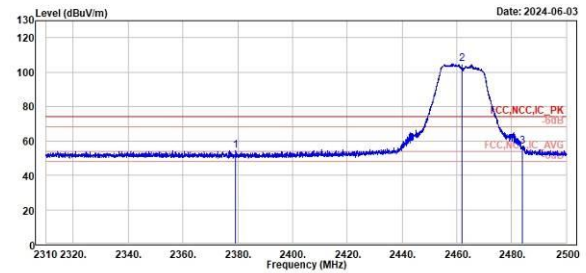
TÜV Rheinland Taiwan Ltd.
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	2334.586	54.00	17.32	37.48	74.00	-19.20	250	162	Peak	Horizontal		
2	2462.000	108.28	70.30	37.98	74.00	34.28	250	162	Peak	Horizontal		
3	2483.660	63.37	25.37	38.00	74.00	-10.63	250	162	Peak	Horizontal		



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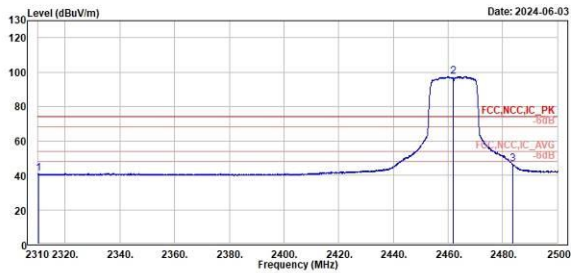
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	2379.160	54.35	16.70	37.65	74.00	-19.65	393	97	Peak	Vertical		
2	2462.000	104.71	66.73	37.98	74.00	30.71	393	97	Peak	Vertical		
3	2483.812	57.05	19.05	38.00	74.00	-16.95	393	97	Peak	Vertical		

802.11g

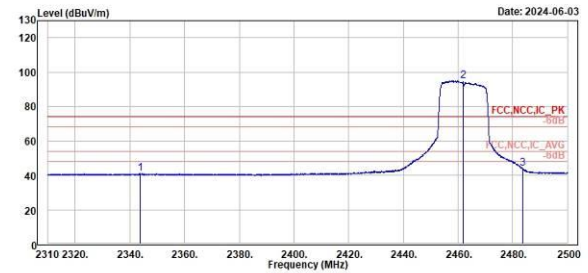
High Channel (Horizontal) Average



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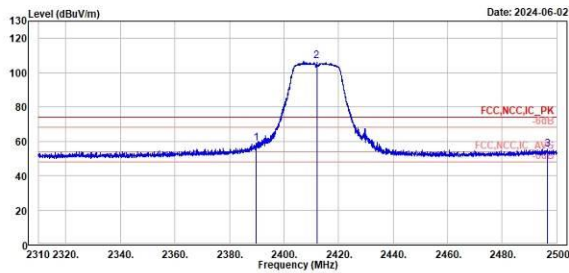


802.11n HT20

Low Channel (Horizontal) Peak



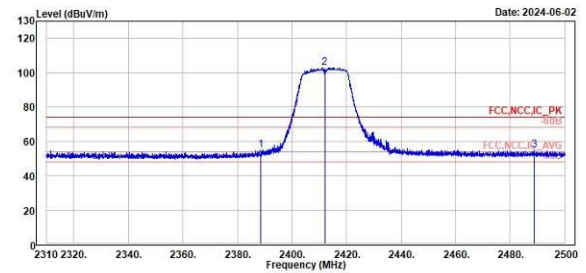
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.724	58.62	20.94	37.68	74.00	-15.38	334	156	Peak	Horizontal		
2	2412.000	106.52	68.75	37.77	74.00	32.52	334	156	Peak	Horizontal		
3	2496.778	55.48	17.47	38.01	74.00	-18.52	334	156	Peak	Horizontal		



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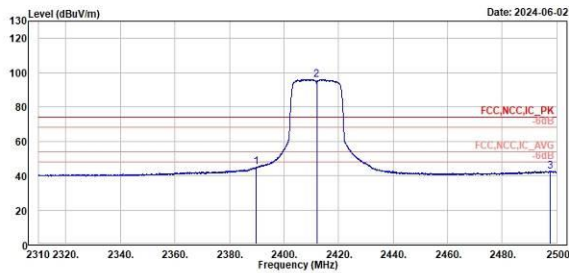
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2388.432	54.91	17.23	37.68	74.00	-19.09	314	73	Peak	Vertical		
2	2412.000	102.85	65.08	37.77	74.00	28.85	314	73	Peak	Vertical		
3	2488.980	54.76	16.76	38.00	74.00	-19.24	314	73	Peak	Vertical		

802.11n HT20

Low Channel (Horizontal) Average



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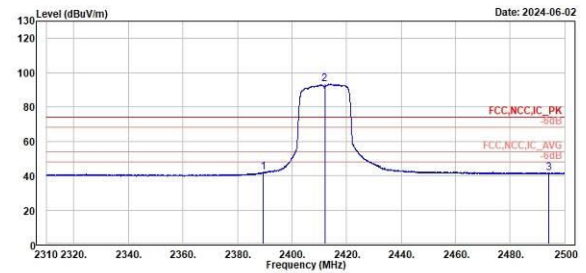


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.686	44.79	7.11	37.68	54.00	-9.21	334	156	Average	Horizontal		
2	* 2412.000	96.10	58.33	37.77	54.00	42.10	334	156	Average	Horizontal		
3	2497.686	42.66	4.65	38.01	54.00	-11.34	334	156	Average	Horizontal		

Low 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	2389.496	41.90	4.22	37.68	54.00	-12.10	314	73	Average	Vertical		
2	* 2412.000	93.25	55.48	37.77	54.00	39.25	314	73	Average	Vertical		
3	2494.224	41.72	3.71	38.01	54.00	-12.28	314	73	Average	Vertical		

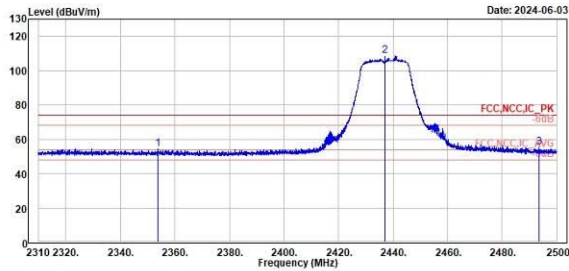
802.11n HT20

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



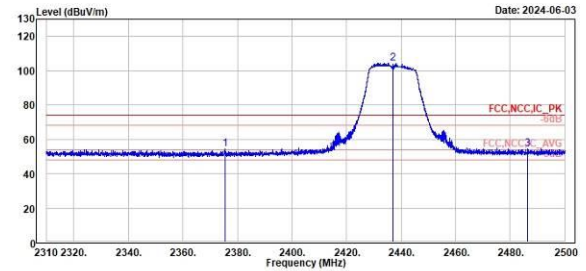
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2353.052	54.17	16.60	37.57	74.00	-19.83	318	157 Peak	Horizontal	
2	2437.000	100.64	70.74	37.90	74.00	34.64	318	157 Peak	Horizontal	
3	2493.578	55.48	17.47	38.01	74.00	-18.52	318	157 Peak	Horizontal	



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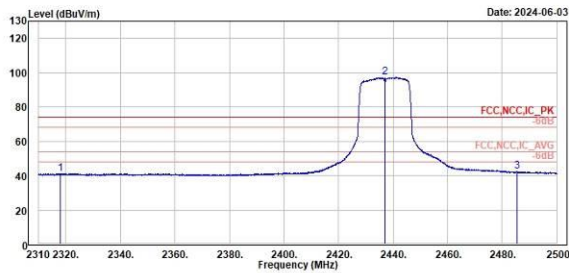
	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2375.625	54.20	16.56	37.64	74.00	-19.80	400	70 Peak	Vertical	
2	2437.000	104.39	66.49	37.90	74.00	30.39	400	70 Peak	Vertical	
3	2486.358	54.23	16.23	38.00	74.00	-19.77	400	70 Peak	Vertical	

802.11n HT20

Middle Channel (Horizontal) Average



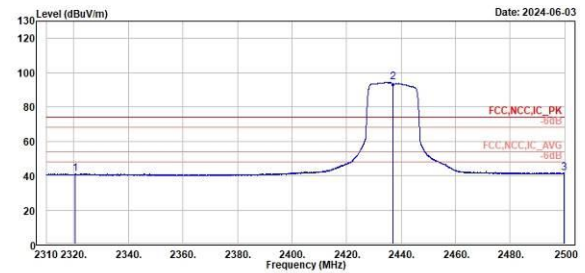
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit					
1	2318.056	41.17	3.77	37.40	54.00	-12.83	318	157 Average	Horizontal	
2	2437.000	97.15	59.25	37.90	54.00	43.15	318	157 Average	Horizontal	
3	2485.408	42.31	4.31	38.00	54.00	-11.69	318	157 Average	Horizontal	



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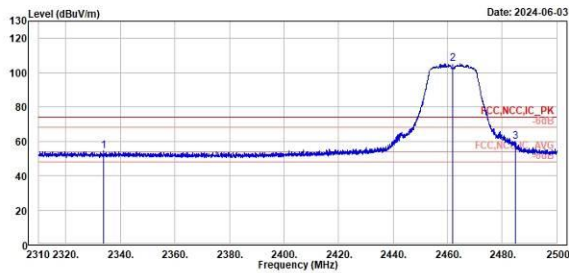
	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit					
1	2320.459	40.97	3.56	37.41	54.00	-13.03	400	70 Average	Vertical	
2	2437.000	94.61	56.71	37.90	54.00	40.61	400	70 Average	Vertical	
3	2499.734	41.58	3.57	38.01	54.00	-12.42	400	70 Average	Vertical	

802.11n HT20

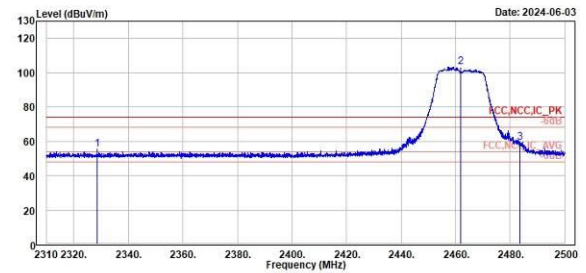
High Channel (Horizontal) Peak



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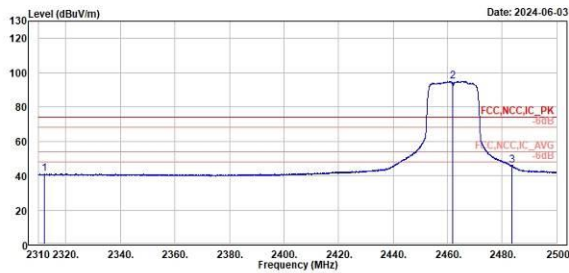


802.11n HT20

High Channel (Horizontal) Average



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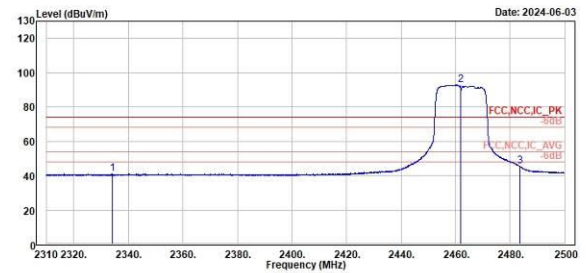


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 2311.076	40.97	3.60	37.37	54.00	-13.03	281	153	Average	Horizontal		
2 * 2462.000	95.05	57.07	37.98	54.00	41.05	281	153	Average	Horizontal		
3 2483.508	45.86	7.86	38.00	54.00	-8.14	281	153	Average	Horizontal		

High Channel (Vertical) Average



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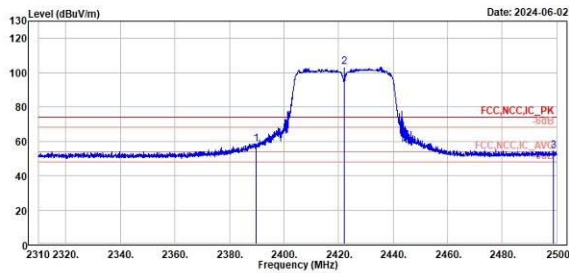
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 2334.168	41.01	3.53	37.48	54.00	-12.99	388	96	Average	Vertical		
2 * 2462.000	92.71	54.73	37.98	54.00	38.71	388	96	Average	Vertical		
3 2483.546	45.29	7.29	38.00	54.00	-8.71	388	96	Average	Vertical		

802.11n HT40

Low Channel (Horizontal) Peak



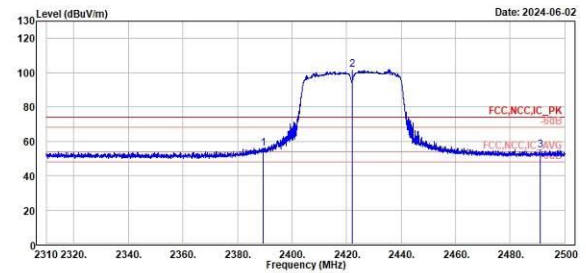
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.762	58.54	20.86	37.68	74.00	-15.46	371	157	Peak	Horizontal		
2	2422.000	103.25	65.43	37.82	74.00	29.25	371	157	Peak	Horizontal		
3	2498.788	54.42	16.41	38.01	74.00	-19.58	371	157	Peak	Horizontal		



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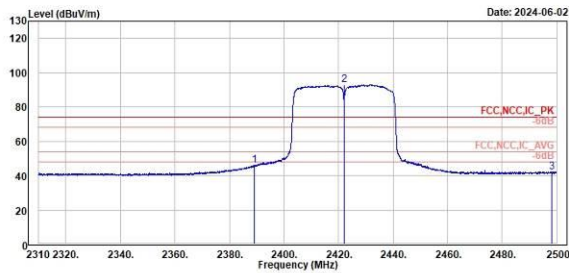
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.534	56.09	18.41	37.68	74.00	-17.91	316	73	Peak	Vertical		
2	2422.000	101.78	63.96	37.82	74.00	27.78	316	73	Peak	Vertical		
3	2491.032	55.00	16.99	38.01	74.00	-19.00	316	73	Peak	Vertical		

802.11n HT40

Low Channel (Horizontal) Average



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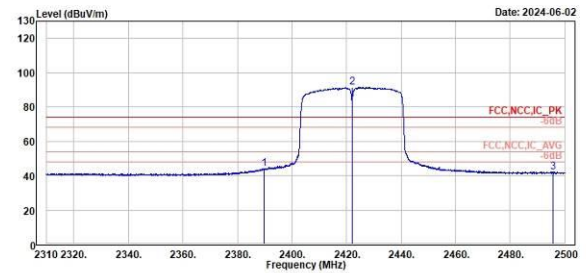


	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.239	46.16	8.48	37.68	54.00	-7.04	371	157 Average	Horizontal	
2	2422.000	92.00	55.06	37.02	54.00	38.88	371	157 Average	Horizontal	
3	2498.214	42.18	4.17	38.01	54.00	-11.82	371	157 Average	Horizontal	

Low Channel (Vertical) Average



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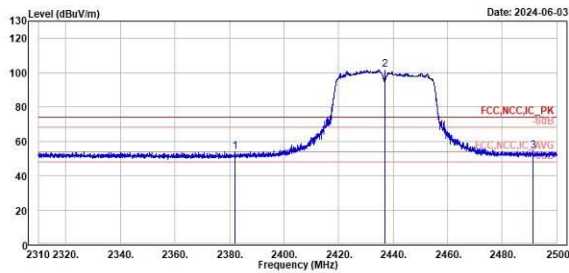
	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.724	43.93	6.25	37.68	54.00	-10.07	316	73 Average	Vertical	
2	2422.000	91.43	53.61	37.02	54.00	37.43	316	73 Average	Vertical	
3	2495.706	42.03	4.02	38.01	54.00	-11.97	316	73 Average	Vertical	

802.11n HT40

Middle Channel (Horizontal) Peak



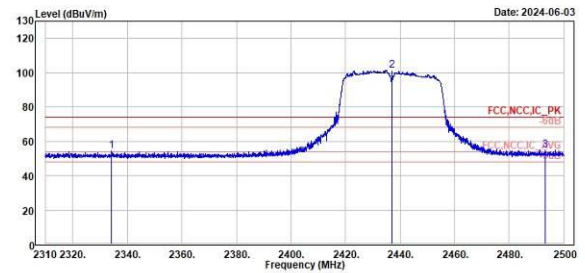
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2382.124	53.88	16.23	37.65	74.00	-20.12	400	70	Peak	Horizontal		
2	2437.000	101.66	63.76	37.90	74.00	27.66	400	70	Peak	Horizontal		
3	2491.260	54.35	16.34	38.01	74.00	-19.65	400	70	Peak	Horizontal		



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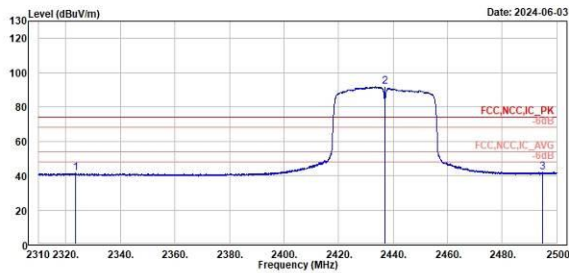
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2334.160	54.42	16.94	37.48	74.00	-19.58	315	76	Peak	Vertical		
2	2437.000	101.57	63.67	37.90	74.00	27.57	315	76	Peak	Vertical		
3	2493.198	55.09	17.08	38.01	74.00	-18.91	315	76	Peak	Vertical		

802.11n HT40

Middle Channel (Horizontal) Average



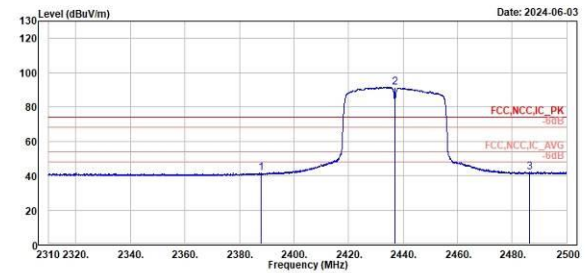
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit					
	MHz	dBuV/m	dB/m	dBuV/m	dB	cm	deg			
1	2323.490	41.49	4.07	37.42	54.00	-12.51	490	70 Average	Horizontal	
2	* 2437.000	91.77	53.87	37.90	54.00	37.77	490	70 Average	Horizontal	
3	2494.689	41.83	3.82	38.01	54.00	-12.17	490	70 Average	Horizontal	



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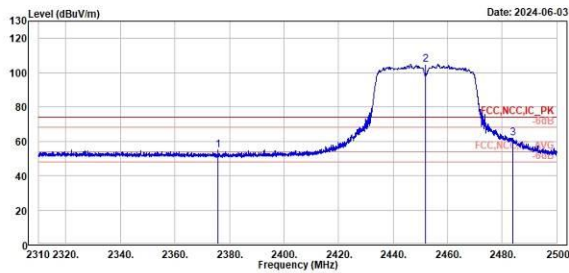
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	MHz	dBuV/m	dB/m	dBuV/m	dB	cm	deg			
1	2387.900	41.46	3.78	37.68	54.00	-12.54	315	76 Average	Vertical	
2	* 2437.000	91.67	53.77	37.90	54.00	37.67	315	76 Average	Vertical	
3	2486.282	42.04	4.04	38.00	54.00	-11.96	315	76 Average	Vertical	

802.11n HT40

High Channel (Horizontal) Peak



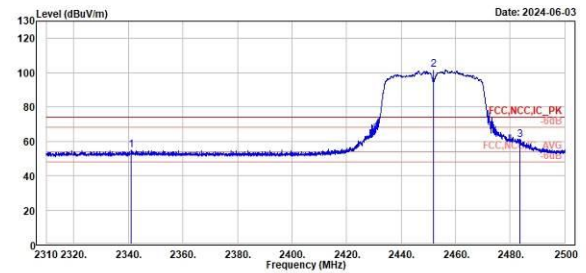
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2375.016	54.01	17.17	37.64	74.00	-19.19	318	156	Peak	Horizontal		
2	2452.000	104.03	66.86	37.97	74.00	30.83	318	156	Peak	Horizontal		
3	2483.812	61.64	23.64	38.00	74.00	-12.36	318	156	Peak	Horizontal		



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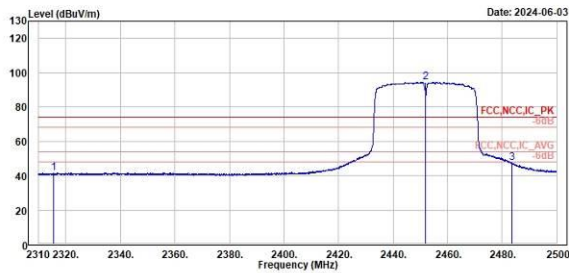
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2340.094	55.01	17.50	37.51	74.00	-18.99	389	72	Peak	Vertical		
2	2452.000	101.62	63.65	37.97	74.00	27.62	389	72	Peak	Vertical		
3	2483.660	61.01	23.01	38.00	74.00	-12.99	389	72	Peak	Vertical		

802.11n HT40

High Channel (Horizontal) Average



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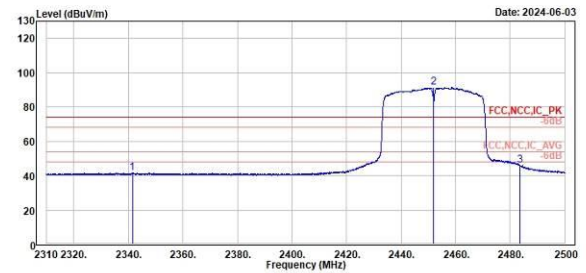


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2315.662	41.54	4.15	37.39	54.00	-12.46	318	156	Average	Horizontal		
2	* 2452.000	94.45	56.48	37.97	54.00	40.45	318	156	Average	Horizontal		
3	2483.669	47.24	9.24	38.00	54.00	-6.76	318	156	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	2341.464	41.70	4.18	37.52	54.00	-12.30	389	72	Average	Vertical		
2	* 2452.000	91.32	53.35	37.97	54.00	37.32	389	72	Average	Vertical		
3	2483.698	45.98	7.98	38.00	54.00	-8.02	389	72	Average	Vertical		

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

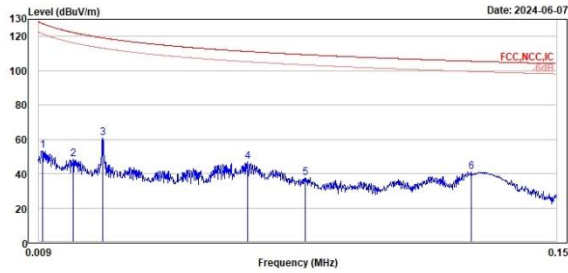
802.11g

Middle Channel (Open) 9kHz~150kHz

Middle Channel (Open) 150kHz~30MHz



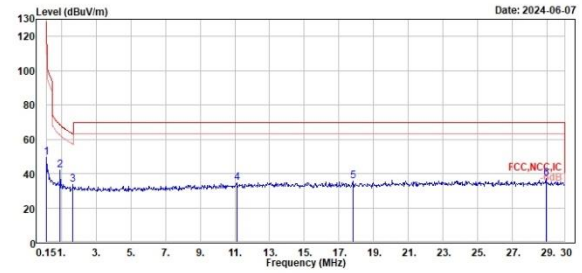
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.018	53.38	35.06	18.32	127.47	-74.09	100	129	Peak	Open	
2	0.018	48.66	29.72	18.94	122.27	-73.61	100	129	Peak	Open	
3	0.026	60.86	41.31	19.55	119.13	-58.27	100	177	Peak	Open	
4	0.066	46.88	27.68	19.20	111.23	-64.35	100	132	Peak	Open	
5	0.081	37.63	18.74	18.89	109.37	-71.74	100	125	Peak	Open	
6	0.127	40.91	22.31	18.60	105.53	-64.62	100	142	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	0.150	49.67	31.05	18.62	104.88	-54.41	100	244	Peak	Open	
2	0.926	41.85	22.84	19.01	68.27	-26.42	100	132	Peak	Open	
3	1.672	33.56	14.56	19.00	63.14	-29.58	100	106	Peak	Open	
4	11.105	34.58	13.45	21.13	69.50	-34.92	100	303	Peak	Open	
5	17.791	35.43	13.50	21.93	69.50	-34.07	100	349	Peak	Open	
6	28.925	37.16	14.69	22.47	69.50	-32.34	100	297	Peak	Open	

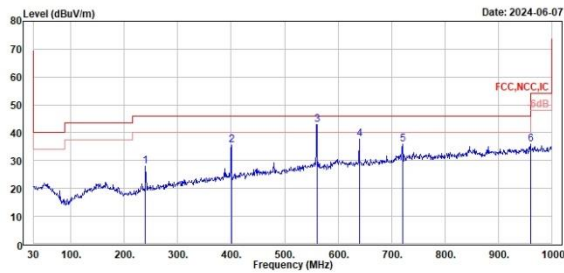
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

802.11g

Middle Channel (Horizontal)



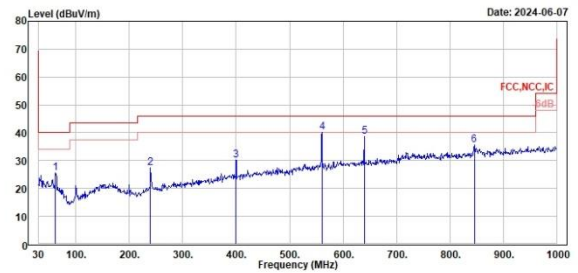
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	239.520	28.12	35.88	-7.76	46.00	-17.88	100	262	Peak	Horizontal		
2	400.540	35.61	39.51	-3.90	46.00	-10.39	100	121	Peak	Horizontal		
3	560.590	43.00	43.57	-0.57	46.00	-3.00	100	360	Peak	Horizontal		
4	640.130	37.70	36.69	1.01	46.00	-8.30	100	157	Peak	Horizontal		
5	720.640	35.75	33.54	2.21	46.00	-10.25	200	239	Peak	Horizontal		
6	960.230	36.01	38.37	5.64	54.00	-17.99	100	56	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	62.010	25.45	33.31	-7.86	46.00	-14.55	200	120	Peak	Vertical		
2	239.520	27.52	35.28	-7.76	46.00	-18.48	100	314	Peak	Vertical		
3	399.570	30.16	34.06	-3.90	46.00	-15.84	100	196	Peak	Vertical		
4	560.590	40.06	40.63	-0.57	46.00	-5.94	200	187	Peak	Vertical		
5	640.130	38.51	37.50	1.01	46.00	-7.49	100	122	Peak	Vertical		
6	845.770	35.57	31.34	4.23	46.00	-10.43	100	350	Peak	Vertical		

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

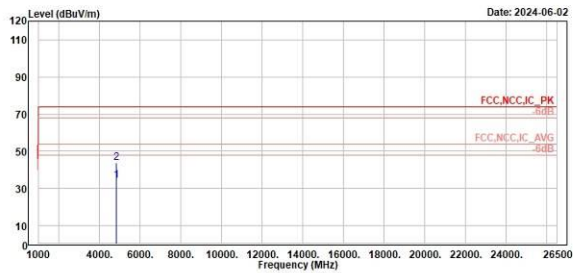
802.11b

Low Channel (Horizontal)

Low Channel (Vertical)



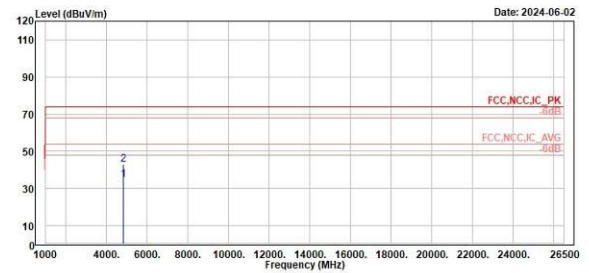
TÜV Rheinland Taiwan Ltd.
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4824.000	34.14	44.08	-9.94	54.00	-19.86	299	360	Average	Horizontal	
2	4824.000	43.62	53.56	-9.94	74.00	-30.38	299	360	Peak	Horizontal	



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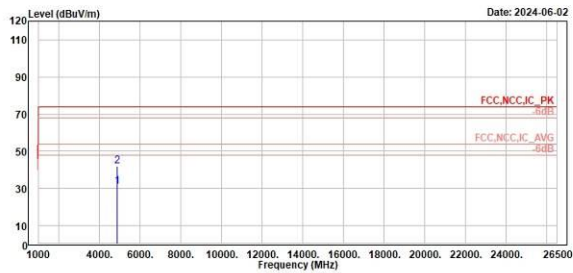
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4824.000	34.73	44.67	-9.94	54.00	-19.27	242	0	Average	Vertical	
2	4824.000	42.68	52.62	-9.94	74.00	-31.32	242	0	Peak	Vertical	

802.11b

Middle Channel (Horizontal)



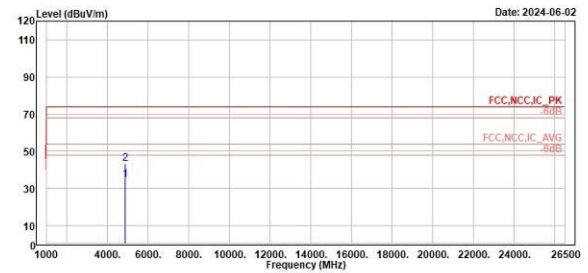
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4874.000	30.83	40.72	-9.89	54.00	-23.17	400	82	Average	Horizontal		
2	4874.000	42.13	52.02	-9.89	74.00	-31.87	400	82	Peak	Horizontal		



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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	4874.000	34.67	44.56	-9.89	54.00	-19.33	253	0	Average	Vertical		
2	4874.000	43.25	53.14	-9.89	74.00	-30.75	253	0	Peak	Vertical		

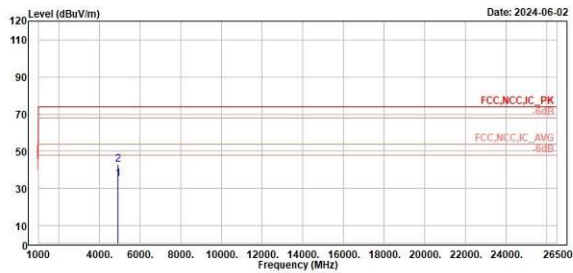
802.11b

High Channel (Horizontal)

High Channel (Vertical)



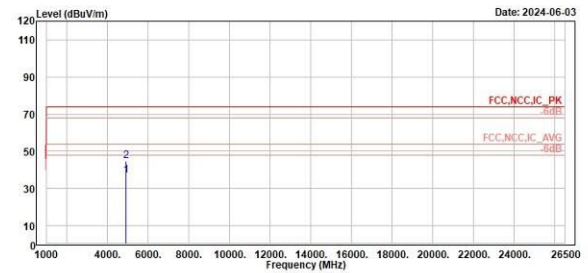
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4924.000	34.98	44.74	-9.76	54.00	-19.02	100	111	Average	Horizontal		
2	4924.000	43.11	52.87	-9.76	74.00	-30.89	100	111	Peak	Horizontal		



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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	4924.000	36.85	46.61	-9.76	54.00	-17.15	400	94	Average	Vertical		
2	4924.000	44.71	54.47	-9.76	74.00	-29.29	400	94	Peak	Vertical		

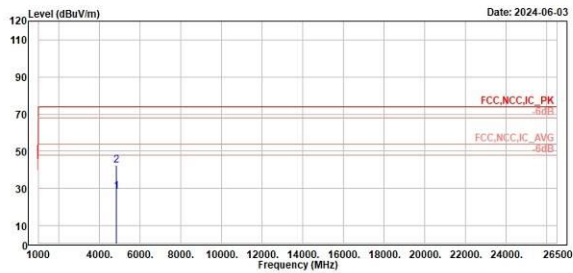
802.11g

Low Channel (Horizontal)

Low Channel (Vertical)



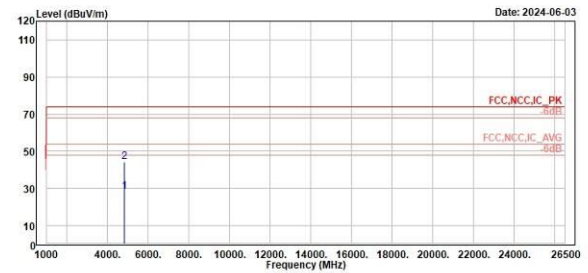
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No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 4824.000	28.27	38.21	-9.94	54.00	-25.73	300	176	Average	Horizontal	
2 4824.000	42.29	52.23	-9.94	74.00	-31.71	300	176	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 4824.000	28.09	38.03	-9.94	54.00	-25.91	200	98	Average	Vertical	
2 4824.000	44.27	54.21	-9.94	74.00	-29.73	200	98	Peak	Vertical	

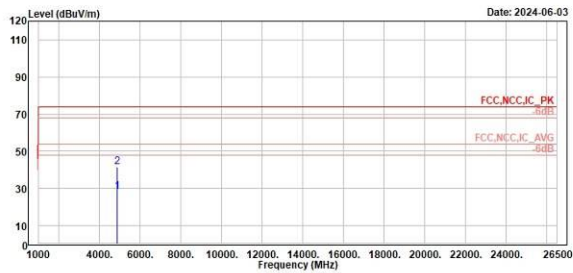
802.11g

Middle Channel (Horizontal)

Middle Channel (Vertical)



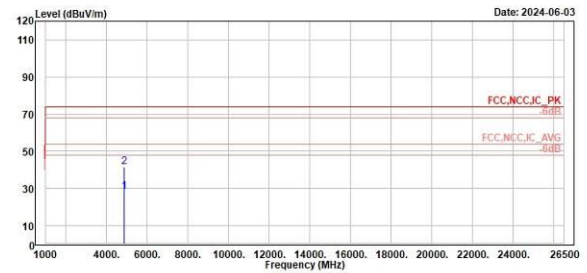
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	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.000	28.14	38.03	-9.89	54.00	-25.86	400	360	Average	Horizontal	
2	4874.000	41.64	51.53	-9.89	74.00	-32.36	400	360	Peak	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	4874.000	28.16	38.05	-9.89	54.00	-25.84	300	347	Average	Vertical	
2	4874.000	41.70	51.59	-9.89	74.00	-32.30	300	347	Peak	Vertical	

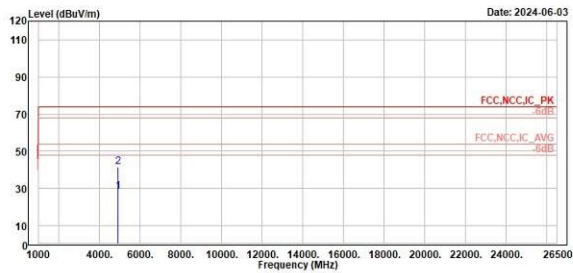
802.11g

High Channel (Horizontal)

High Channel (Vertical)



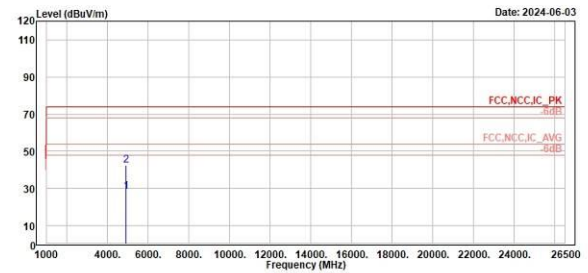
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4924.000	28.38	38.14	-9.76	54.00	-25.62	400	121	Average	Horizontal		
2	4924.000	41.62	51.38	-9.76	74.00	-32.38	400	121	Peak	Horizontal		



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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	4924.000	28.29	38.05	-9.76	54.00	-25.71	376	360	Average	Vertical		
2	4924.000	42.23	51.99	-9.76	74.00	-31.77	376	360	Peak	Vertical		

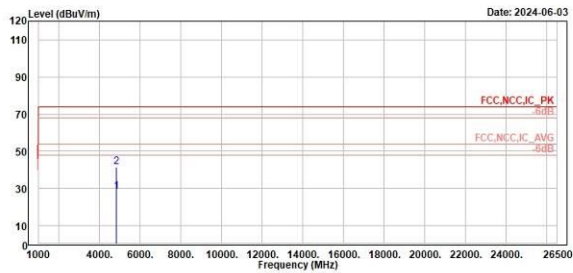
802.11n HT20

Low Channel (Horizontal)

Low Channel (Vertical)



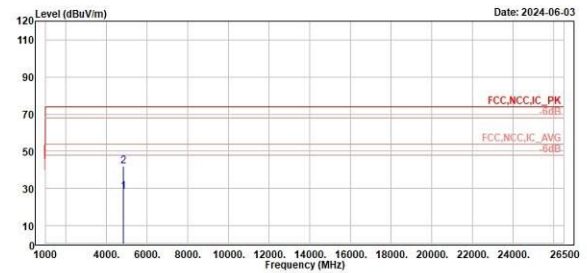
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4824.000	28.06	38.00	-9.94	54.00	-25.94	100	135	Average	Horizontal		
2	4824.000	41.53	51.47	-9.94	74.00	-32.47	100	135	Peak	Horizontal		



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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	4824.000	28.42	38.36	-9.94	54.00	-25.58	100	262	Average	Vertical		
2	4824.000	42.12	52.06	-9.94	74.00	-31.88	100	262	Peak	Vertical		

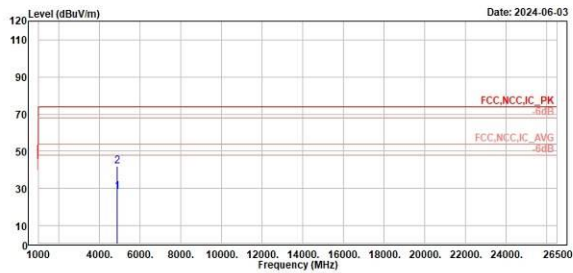
802.11n HT20

Middle Channel (Horizontal)

Middle Channel (Vertical)



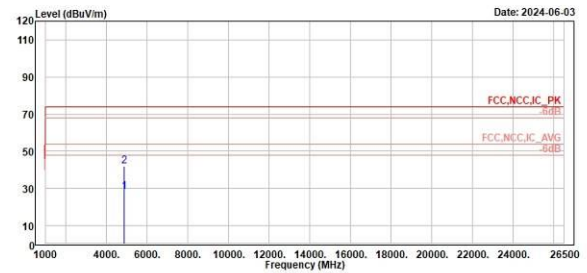
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1010 Fax: +886-2172-1322



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 4874.000	28.14	38.83	-9.89	54.00	-25.86	200	144	Average	Horizontal	
2 4874.000	41.75	51.64	-9.89	74.00	-32.25	200	144	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 4874.000	28.06	37.95	-9.89	54.00	-25.94	100	360	Average	Vertical	
2 4874.000	41.83	51.72	-9.89	74.00	-32.17	100	360	Peak	Vertical	

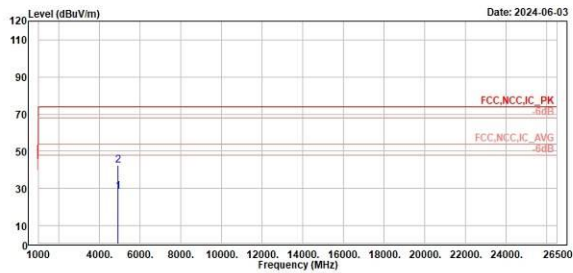
802.11n HT20

High Channel (Horizontal)

High Channel (Vertical)



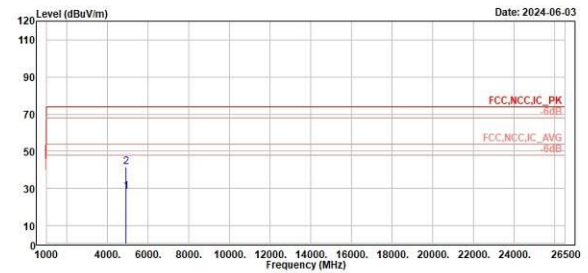
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	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.000	28.22	37.98	-9.76	54.00	-25.78	400	140	Average	Horizontal	
2	4924.000	42.54	52.30	-9.76	74.00	-31.46	400	140	Peak	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	4924.000	28.32	38.08	-9.76	54.00	-25.68	300	130	Average	Vertical	
2	4924.000	41.61	51.37	-9.76	74.00	-32.39	300	130	Peak	Vertical	

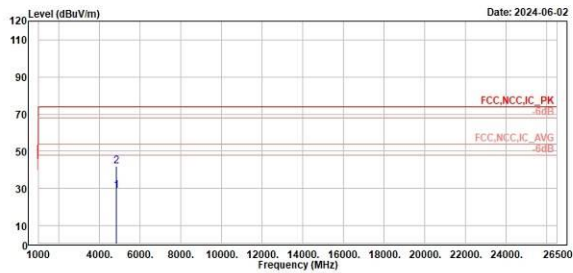
802.11n HT40

Low Channel (Horizontal)

Low Channel (Vertical)



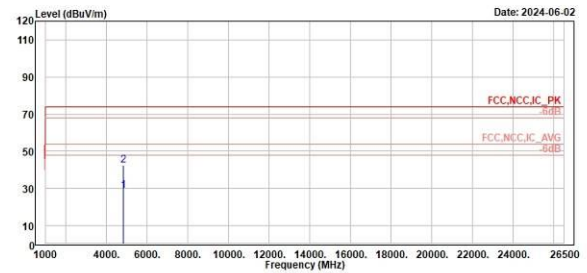
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 4844.000	28.65	38.53	-9.88	54.00	-25.35	100	360	Average	Horizontal		
2 4844.000	42.07	51.95	-9.88	74.00	-31.93	100	360	Peak	Horizontal		



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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	deg				
1 4844.000	28.81	38.69	-9.88	54.00	-25.19	100	253	Average	Vertical		
2 4844.000	42.26	52.14	-9.88	74.00	-31.74	100	253	Peak	Vertical		

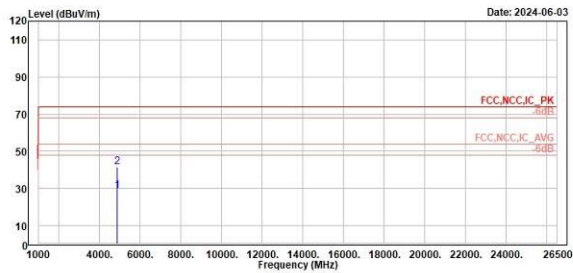
802.11n HT40

Middle Channel (Horizontal)

Middle Channel (Vertical)



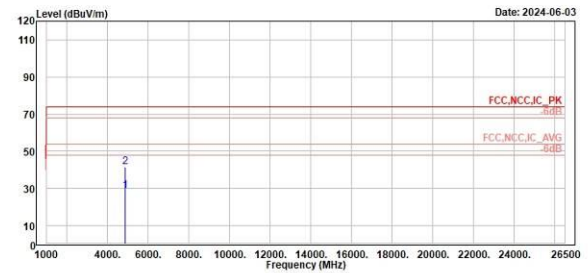
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4874.000	28.67	38.56	-9.89	54.00	-25.33	100	166	Average	Horizontal		
2	4874.000	41.59	51.48	-9.89	74.00	-32.41	100	166	Peak	Horizontal		



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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	4874.000	28.59	38.48	-9.89	54.00	-25.41	300	55	Average	Vertical		
2	4874.000	41.58	51.47	-9.89	74.00	-32.42	300	55	Peak	Vertical		

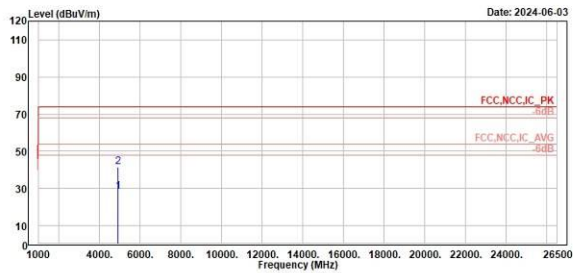
802.11n HT40

High Channel (Horizontal)

High Channel (Vertical)



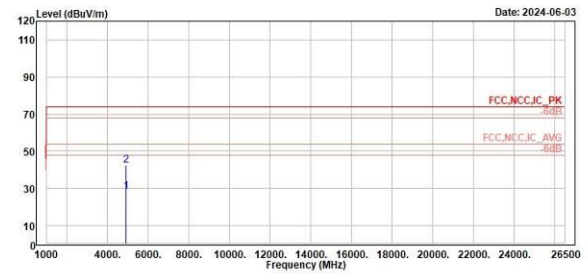
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Line	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4904.000	28.14	38.04	-9.90	54.00	-25.86	100	84	Average	Horizontal	
2	4904.000	41.49	51.39	-9.90	74.00	-32.51	100	84	Peak	Horizontal	



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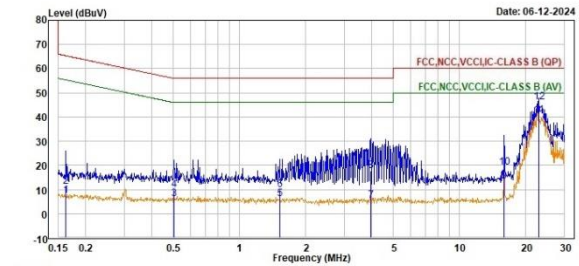
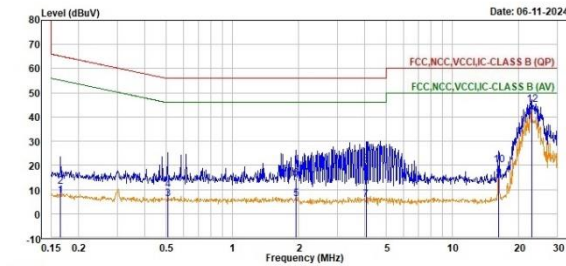
Line	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4904.000	28.27	38.17	-9.90	54.00	-25.73	400	80	Average	Vertical	
2	4904.000	42.32	52.22	-9.90	74.00	-31.68	400	80	Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

(Line)

(Neutral)



Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Remark	Pol/Phase
			Factor				
1	0.16	7.44	-2.18	9.62	55.21	-47.77 Average	line1
2	0.16	11.18	1.56	9.62	65.21	-54.03 QP	line1
3	0.51	6.00	-3.63	9.63	46.00	-40.00 Average	line1
4	0.51	10.01	0.30	9.63	56.00	-45.99 QP	line1
5	1.94	5.98	-3.68	9.66	46.00	-40.02 Average	line1
6	1.94	14.68	5.02	9.66	56.00	-41.32 QP	line1
7	4.05	5.90	-3.78	9.68	46.00	-40.10 Average	line1
8	4.05	20.54	10.66	9.68	56.00	-35.46 QP	line1
9	16.25	14.81	5.04	9.77	50.00	-35.19 Average	line1
10	16.25	20.11	10.34	9.77	60.00	-39.89 QP	line1
11	22.92	40.07	30.31	9.76	50.00	-9.93 Average	line1
12	22.92	45.22	35.46	9.76	60.00	-14.78 QP	line1

Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Remark	Pol/Phase
			Factor				
1	0.16	7.53	-2.09	9.62	55.34	-47.81 Average	neutral
2	0.16	11.30	1.68	9.62	65.34	-54.04 QP	neutral
3	0.50	5.95	-3.68	9.63	46.00	-40.05 Average	neutral
4	0.50	9.79	0.16	9.63	56.00	-46.21 QP	neutral
5	1.52	5.92	-3.74	9.66	46.00	-40.08 Average	neutral
6	1.52	9.88	0.22	9.66	56.00	-46.12 QP	neutral
7	3.97	5.57	-4.12	9.69	46.00	-40.43 Average	neutral
8	3.97	17.63	7.94	9.69	56.00	-38.37 QP	neutral
9	16.01	13.44	3.61	9.83	50.00	-36.56 Average	neutral
10	16.01	19.06	9.23	9.83	60.00	-40.94 QP	neutral
11	22.92	40.69	30.82	9.87	50.00	-9.31 Average	neutral
12	22.92	46.17	36.30	9.87	60.00	-13.83 QP	neutral

<FPWB-A013BBKZ>

Band Edges, 2.31GHz ~ 2.9GHz

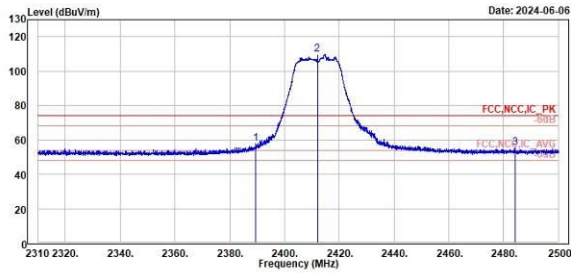
802.11g

Low Channel (Horizontal) Peak

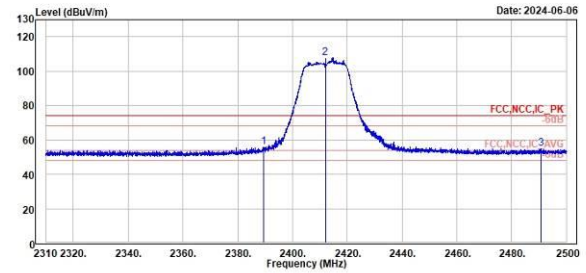
Low Channel (Vertical) Peak



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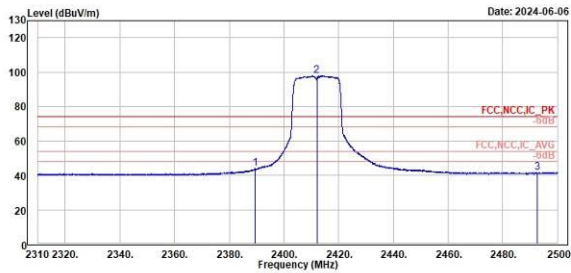


802.11g

Low Channel (Horizontal) Average



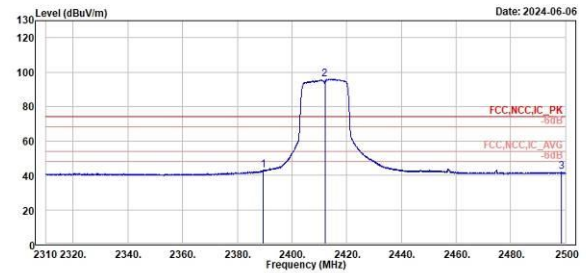
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Low Channel (Vertical) Average



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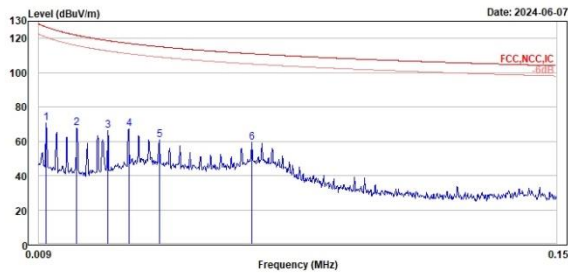
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

802.11g

Low Channel(Open) 9kHz~150kHz



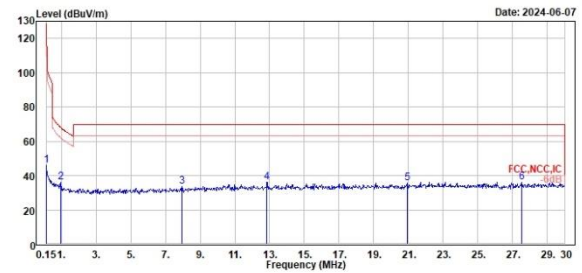
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No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	0.011	70.61	52.22	18.39	126.67	-56.06	100	125	Peak	Open	
2	0.019	67.57	48.55	19.02	121.82	-54.25	100	123	Peak	Open	
3	0.028	66.27	46.62	19.65	118.68	-52.41	100	123	Peak	Open	
4	0.034	67.19	47.43	19.76	117.08	-49.89	100	129	Peak	Open	
5	0.042	60.67	41.04	19.63	115.16	-54.49	100	130	Peak	Open	
6	0.067	59.36	40.18	19.18	111.68	-51.72	100	123	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	0.150	45.94	27.32	18.62	104.88	-58.14	100	231	Peak	Open	
2	0.956	36.22	17.21	19.01	68.80	-31.78	100	217	Peak	Open	
3	7.971	33.82	13.43	20.39	69.50	-35.68	100	187	Peak	Open	
4	12.836	36.25	14.91	21.34	69.50	-33.25	100	344	Peak	Open	
5	20.955	35.44	13.21	22.23	69.50	-34.06	100	67	Peak	Open	
6	27.522	36.27	13.84	22.43	69.50	-33.23	100	351	Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

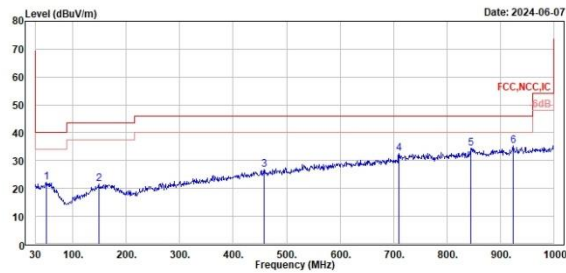
802.11g

Low Channel (Horizontal)

Low Channel (Vertical)



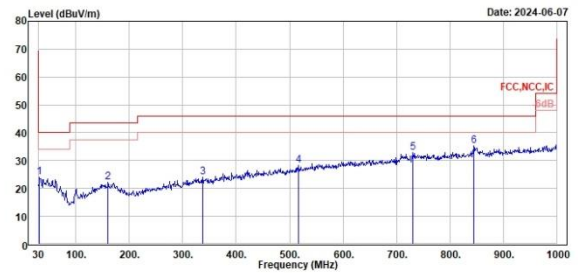
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	50.378	22.10	29.85	-6.95	40.00	-17.90	180	105	Peak	Horizontal		
2	148.340	21.69	28.80	-7.11	43.50	-21.81	183	360	Peak	Horizontal		
3	457.770	26.91	29.72	-2.81	46.00	-19.09	200	335	Peak	Horizontal		
4	709.970	32.53	30.35	2.18	46.00	-13.47	300	351	Peak	Horizontal		
5	844.800	34.43	30.22	4.21	46.00	-11.57	200	250	Peak	Horizontal		
6	924.340	35.25	29.88	5.37	46.00	-10.75	200	130	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	31.940	23.91	32.49	-8.58	40.00	-16.09	180	360	Peak	Vertical		
2	159.980	22.13	28.94	-6.81	43.50	-21.37	180	289	Peak	Vertical		
3	337.490	24.13	29.29	-5.16	46.00	-21.87	100	11	Peak	Vertical		
4	515.970	28.38	30.07	-1.69	46.00	-17.62	257	206	Peak	Vertical		
5	731.310	32.72	30.50	2.22	46.00	-13.28	200	90	Peak	Vertical		
6	844.800	35.14	30.93	4.21	46.00	-10.86	100	53	Peak	Vertical		

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

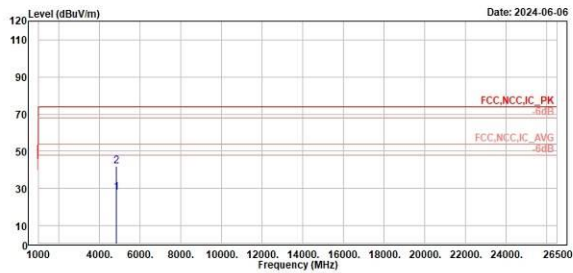
802.11g

Low Channel (Horizontal)

Low Channel (Vertical)



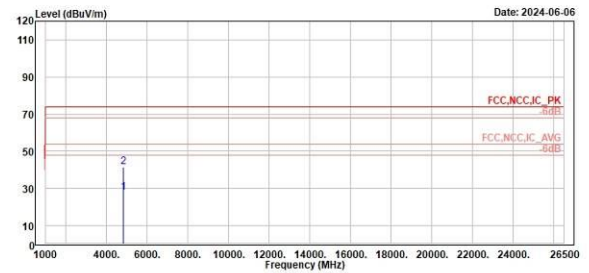
TÜV Rheinland Taiwan Ltd.
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4824.000	27.96	37.84	-9.94	54.00	-26.10	398	360	Average	Horizontal	
2	4824.000	41.85	51.79	-9.94	74.00	-32.15	398	360	Peak	Horizontal	



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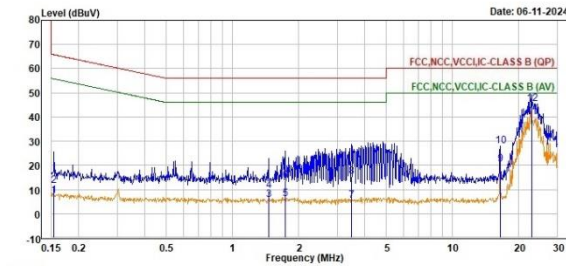
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4824.000	27.96	37.90	-9.94	54.00	-26.04	300	85	Average	Vertical	
2	4824.000	41.62	51.56	-9.94	74.00	-32.38	300	85	Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

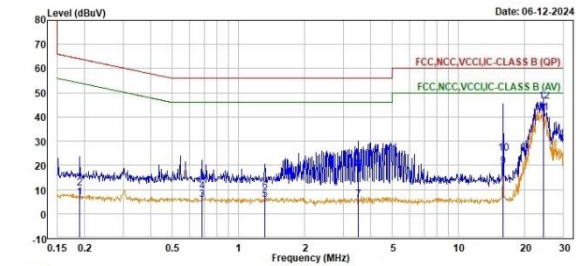
(Line)

(Neutral)



Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Remark	Pol/Phase Note
			Factor				
				dB	dB		
1	0.15	7.58	-2.04	9.62	55.79	-48.21 Average	line1
2	0.15	11.66	2.04	9.62	65.79	-54.13 QP	line1
3	1.46	5.73	-3.92	9.65	46.00	-40.27 Average	line1
4	1.46	9.52	-0.13	9.65	56.00	-46.48 QP	line1
5	1.73	6.00	-3.66	9.66	46.00	-40.00 Average	line1
6	1.73	13.58	3.92	9.66	56.00	-42.42 QP	line1
7	3.47	5.41	-4.27	9.68	46.00	-40.59 Average	line1
8	3.47	15.47	5.79	9.68	56.00	-40.53 QP	line1
9	16.50	20.51	10.74	9.77	50.00	-29.49 Average	line1
10	16.50	28.07	18.30	9.77	60.00	-31.93 QP	line1
11	22.92	39.96	30.20	9.76	50.00	-10.04 Average	line1
12	22.92	45.46	35.70	9.76	60.00	-14.54 QP	line1



Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Remark	Pol/Phase Note
			Factor				
				dB	dB		
1	0.19	6.92	-2.70	9.62	54.05	-47.13 Average	neutral
2	0.19	10.54	0.92	9.62	64.05	-53.51 QP	neutral
3	0.68	5.70	-3.93	9.63	46.00	-40.30 Average	neutral
4	0.68	9.27	-0.36	9.63	56.00	-46.73 QP	neutral
5	1.32	5.61	-4.03	9.64	46.00	-40.39 Average	neutral
6	1.32	9.21	-0.43	9.64	56.00	-46.79 QP	neutral
7	3.52	5.62	-4.07	9.69	46.00	-40.38 Average	neutral
8	3.52	10.57	8.88	9.69	56.00	-37.43 QP	neutral
9	16.01	19.28	9.45	9.83	50.00	-30.72 Average	neutral
10	16.01	24.79	14.96	9.83	60.00	-35.21 QP	neutral
11	24.33	41.73	31.86	9.87	50.00	-8.27 Average	neutral
12	24.33	46.43	36.56	9.87	60.00	-13.57 QP	neutral