

Appendix C: Test Results of Radiated Spurious Emissions & Mains

Conducted Emission Test for UFL Antenna

Main Source, ECC Mode for Antenna No. 5

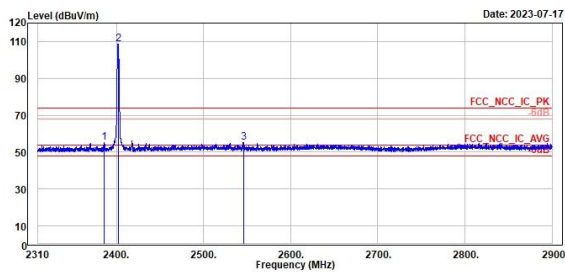
Band Edges, 2.31GHz ~ 2.9GHz

BLE_1M

Low Channel (Horizontal) Peak



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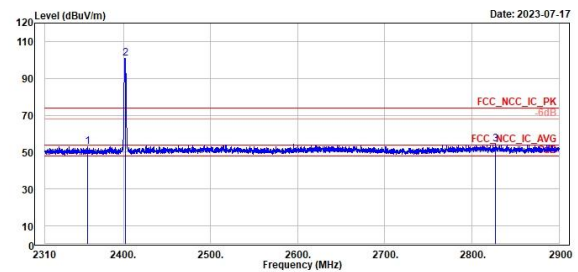


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1	2386.11	55.18	18.00	37.18	74.00	-18.82		336	170	Peak	Horizontal	
2 *	2402.00	108.55	71.38	37.17	74.00	34.55		336	170	Peak	Horizontal	
3	2546.24	55.37	17.95	37.42	74.00	-18.63		336	170	Peak	Horizontal	

Low Channel (Vertical) Peak



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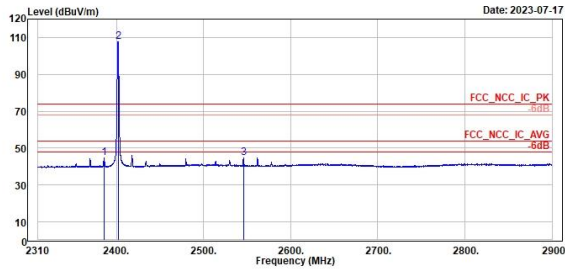
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1	2358.62	53.04	15.84	37.20	74.00	-20.96		367	147	Peak	Vertical	
2 *	2402.00	101.04	63.87	37.17	74.00	27.04		367	147	Peak	Vertical	
3	2827.31	54.32	16.56	37.76	74.00	-19.68		367	147	Peak	Vertical	

BLE_1M

Low Channel (Horizontal) Average



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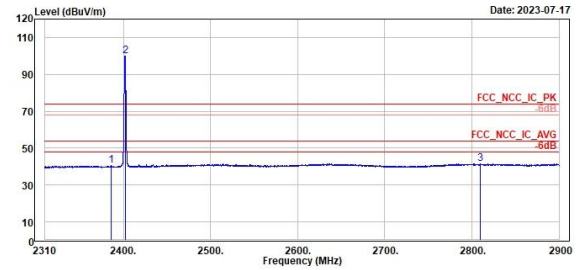


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1	2385.99	44.69	7.51	37.18	54.00	-9.31	336	170	Average	Horizontal		
2 *	2402.00	107.84	70.67	37.17	54.00	53.84	336	170	Average	Horizontal		
3	2545.88	44.79	7.37	37.42	54.00	-9.21	336	170	Average	Horizontal		

Low Channel (Vertical) Average



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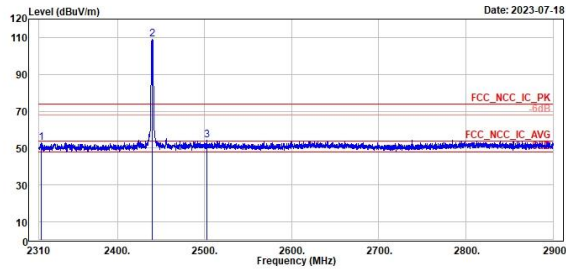
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1	2385.99	40.41	3.23	37.18	54.00	-13.59	367	147	Average	Vertical		
2 *	2402.00	100.11	62.94	37.17	54.00	46.11	367	147	Average	Vertical		
3	2809.14	41.45	3.71	37.74	54.00	-12.55	367	147	Average	Vertical		

BLE_1M

Middle Channel (Horizontal) Peak



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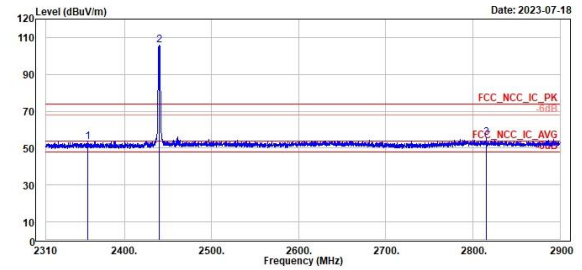


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1	2312.24	53.15	16.28	36.87	74.00	-20.85	367	33	Peak	Horizontal		
2 *	2440.00	109.20	71.76	37.44	74.00	35.20	367	33	Peak	Horizontal		
3	2502.58	54.38	16.83	37.55	74.00	-19.62	367	33	Peak	Horizontal		

Middle Channel (Vertical) Peak



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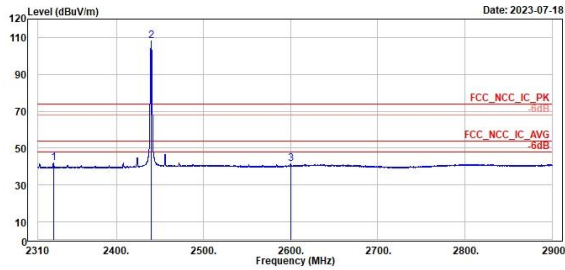
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1	2358.38	53.45	16.25	37.20	74.00	-20.55	319	112	Peak	Vertical		
2 *	2440.00	106.01	68.57	37.44	74.00	32.01	319	112	Peak	Vertical		
3	2815.04	55.68	17.93	37.75	74.00	-18.32	319	112	Peak	Vertical		

BLE_1M

Middle Channel (Horizontal) Average



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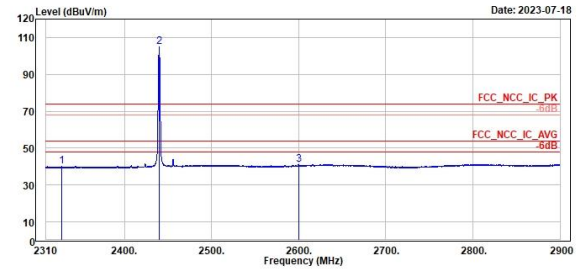


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2327.94	41.95	4.94	37.01	54.00	-12.05		367	33	Average	Horizontal	
2 *	2440.00	108.19	70.75	37.44	54.00	54.19		367	33	Average	Horizontal	
3	2600.04	41.53	3.88	37.65	54.00	-12.47		367	33	Average	Horizontal	

Middle Channel (Vertical) Average



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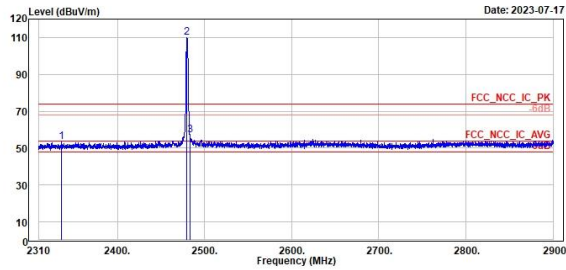
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1	2327.94	40.34	3.33	37.01	54.00	-13.66		319	112	Average	Vertical	
2 *	2440.00	104.85	67.41	37.44	54.00	50.85		319	112	Average	Vertical	
3	2600.04	41.25	3.60	37.65	54.00	-12.75		319	112	Average	Vertical	

BLE_1M

High Channel (Horizontal) Peak



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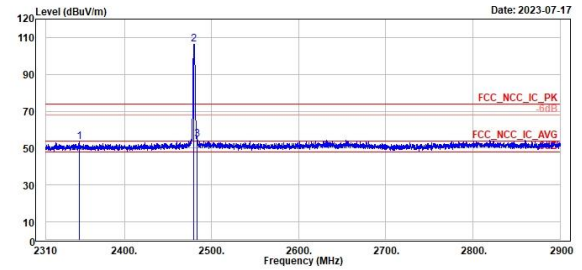


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
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1	2335.96	53.38	16.29	37.09	74.00	-20.62	355	355	Peak	Horizontal		
2 *	2480.00	109.76	72.22	37.54	74.00	35.76	355	355	Peak	Horizontal		
3	2483.46	57.04	19.50	37.54	74.00	-16.96	355	355	Peak	Horizontal		

High Channel (Vertical) Peak



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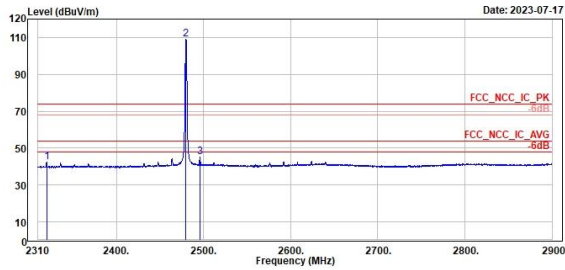
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1	2348.00	53.18	15.99	37.19	74.00	-20.82	305	277	Peak	Vertical		
2 *	2480.00	106.39	68.85	37.54	74.00	32.39	305	277	Peak	Vertical		
3	2483.46	54.53	16.99	37.54	74.00	-19.47	305	277	Peak	Vertical		

BLE_1M

High Channel (Horizontal) Average



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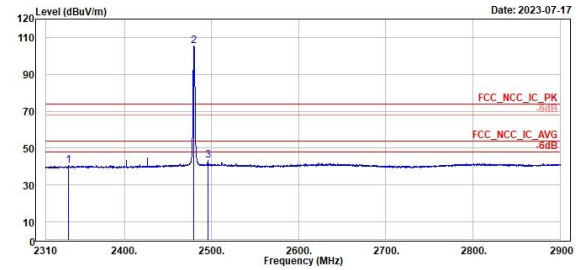


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2328.03	42.29	5.35	36.94	54.00	-11.71	355	355	Average	Horizontal	
2 *	2480.00	108.85	71.31	37.54	54.00	54.85	355	355	Average	Horizontal	
3	2496.09	45.17	7.61	37.56	54.00	-8.83	355	355	Average	Horizontal	

High Channel (Vertical) Average



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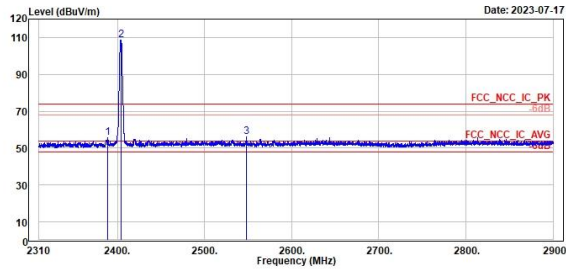
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1	2335.96	40.49	3.40	37.09	54.00	-13.51	305	277	Average	Vertical	
2 *	2480.00	105.48	67.94	37.54	54.00	51.48	305	277	Average	Vertical	
3	2496.09	43.22	5.66	37.56	54.00	-10.78	305	277	Average	Vertical	

BLE_2M

Low Channel (Horizontal) Peak



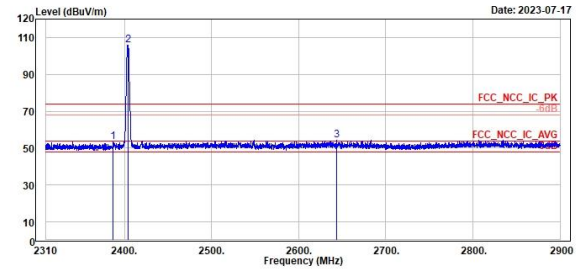
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2388.71	55.50	18.33	37.17	74.00	-18.50		269	171	Peak	Horizontal	
2 *	2404.00	108.52	71.34	37.18	74.00	34.52		269	171	Peak	Horizontal	
3	2548.24	56.13	18.72	37.41	74.00	-17.87		269	171	Peak	Horizontal	



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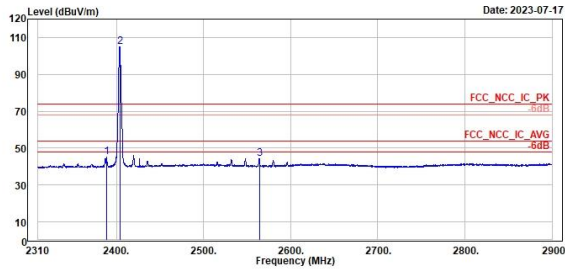
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1	2387.05	53.57	16.39	37.18	74.00	-20.43		369	83	Peak	Vertical	
2 *	2404.00	105.86	68.68	37.18	74.00	31.86		369	83	Peak	Vertical	
3	2643.47	54.50	16.90	37.60	74.00	-19.50		369	83	Peak	Vertical	

BLE_2M

Low Channel (Horizontal) Average



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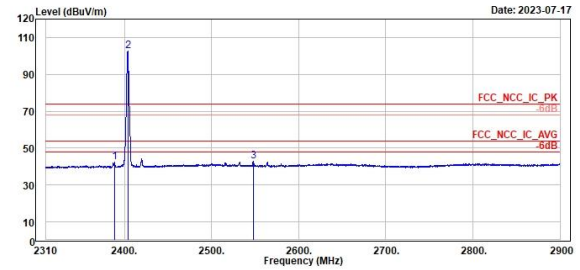


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
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1	2388.94	45.27	8.10	37.17	54.00	-8.73	269	171	Average	Horizontal		
2 *	2404.00	105.17	67.99	37.18	54.00	51.17	269	171	Average	Horizontal		
3	2564.17	44.29	6.81	37.48	54.00	-9.71	269	171	Average	Horizontal		

Low Channel (Vertical) Average



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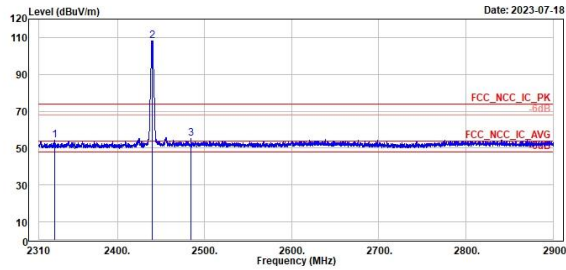
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1	2388.94	42.53	5.36	37.17	54.00	-11.47	369	83	Average	Vertical		
2 *	2404.00	102.75	65.57	37.18	54.00	48.75	369	83	Average	Vertical		
3	2549.01	42.89	5.48	37.41	54.00	-11.11	369	83	Average	Vertical		

BLE_2M

Middle Channel (Horizontal) Peak



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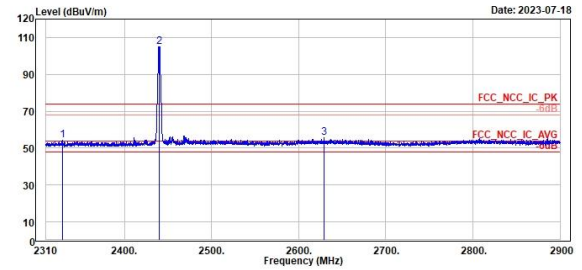


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
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1	2327.70	54.31	17.30	37.01	74.00	-19.69	365	30	Peak	Horizontal		
2 *	2440.00	108.05	70.61	37.44	74.00	34.05	365	30	Peak	Horizontal		
3	2484.88	55.27	17.73	37.54	74.00	-18.73	365	30	Peak	Horizontal		

Middle Channel (Vertical) Peak



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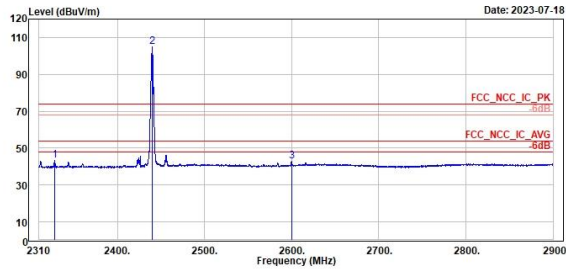
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1	2328.76	54.29	17.27	37.02	74.00	-19.71	356	115	Peak	Vertical		
2 *	2440.00	105.06	67.62	37.44	74.00	31.06	356	115	Peak	Vertical		
3	2629.07	55.63	18.01	37.62	74.00	-18.37	356	115	Peak	Vertical		

BLE_2M

Middle Channel (Horizontal) Average



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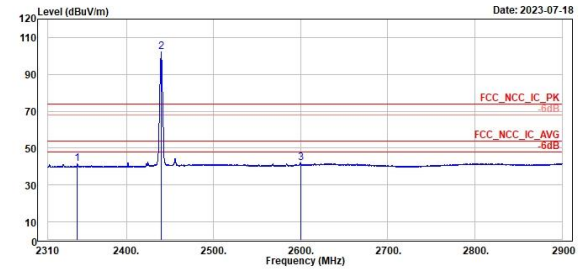


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2328.05	43.16	6.15	37.01	54.00	-10.84	365	30	Average	Horizontal		
2 *	2440.00	104.98	67.54	37.44	54.00	50.98	365	30	Average	Horizontal		
3	2600.16	42.77	5.12	37.65	54.00	-11.23	365	30	Average	Horizontal		

Middle Channel (Vertical) Average



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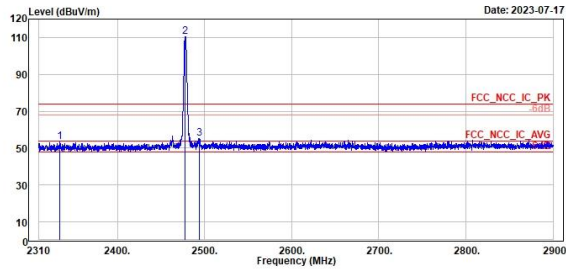
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2343.98	41.43	4.28	37.15	54.00	-12.57	356	115	Average	Vertical		
2 *	2440.00	102.23	64.79	37.44	54.00	48.23	356	115	Average	Vertical		
3	2600.04	42.20	4.55	37.65	54.00	-11.80	356	115	Average	Vertical		

BLE_2M

High Channel (Horizontal) Peak



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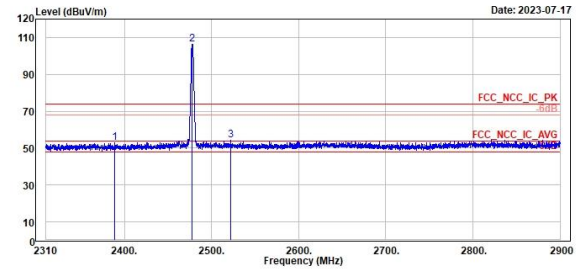


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2334.07	53.45	16.39	37.06	74.00	-20.55		355		8 Peak	Horizontal	
2 *	2478.00	110.48	72.94	37.54	74.00	36.48		355		8 Peak	Horizontal	
3	2493.84	55.27	17.72	37.55	74.00	-18.73		355		8 Peak	Horizontal	

High Channel (Vertical) Peak



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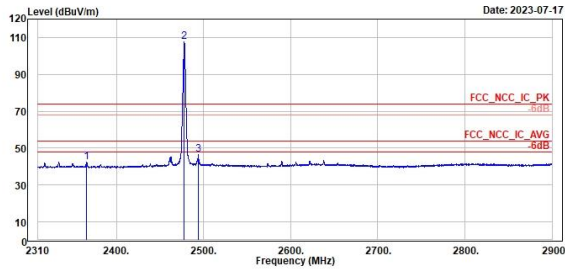
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2389.18	53.05	15.88	37.17	74.00	-20.95		351		277 Peak	Vertical	
2 *	2478.00	106.39	68.85	37.54	74.00	32.39		351		277 Peak	Vertical	
3	2521.81	54.49	17.00	37.49	74.00	-19.51		351		277 Peak	Vertical	

BLE_2M

High Channel (Horizontal) Average



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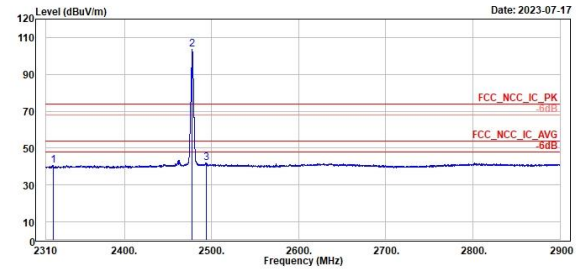


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2365.81	42.65	5.45	37.20	54.00	-11.35	355	8	Average	Horizontal		
2 *	2478.00	107.71	70.17	37.54	54.00	53.71	355	8	Average	Horizontal		
3	2493.84	46.46	8.91	37.55	54.00	-7.54	355	8	Average	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	dB	cm	deg			
1	2318.02	40.80	3.88	36.92	54.00	-13.20	351	277	Average	Vertical		
2 *	2478.00	103.47	65.93	37.54	54.00	49.47	351	277	Average	Vertical		
3	2493.96	42.17	4.62	37.55	54.00	-11.83	351	277	Average	Vertical		

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

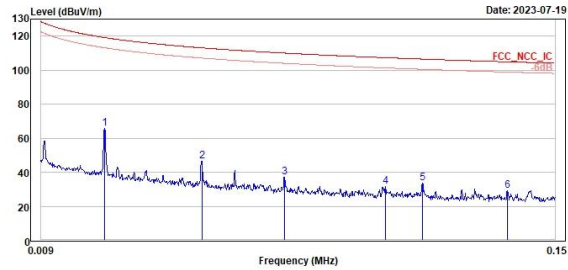
BLE_2M

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



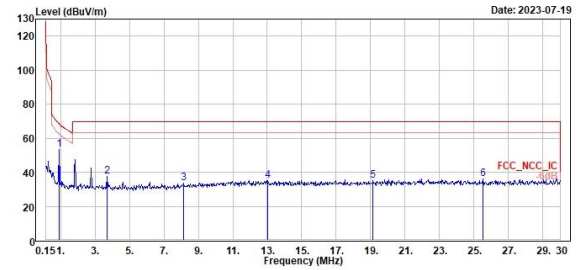
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	0.03	65.94	46.99	18.95	119.13	-53.19		100	110	Peak	Open	
2	0.05	46.43	27.39	19.04	113.09	-66.66		100	360	Peak	Open	
3	0.08	37.12	18.62	18.50	110.00	-72.88		100	331	Peak	Open	
4	0.10	31.61	13.68	17.93	107.30	-75.69		100	21	Peak	Open	
5	0.11	33.81	15.84	17.97	106.49	-72.68		100	360	Peak	Open	
6	0.14	29.18	11.11	18.07	104.87	-75.69		100	10	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	dB	cm	deg			
1	0.93	53.59	34.56	19.03	68.27	-14.68		100	124	Peak	Open	
2	3.70	37.52	17.97	19.55	69.50	-31.98		100	124	Peak	Open	
3	8.15	33.41	12.68	20.73	69.50	-36.09		100	225	Peak	Open	
4	13.05	35.19	13.50	21.69	69.50	-34.31		100	133	Peak	Open	
5	19.13	35.13	13.02	22.11	69.50	-34.37		100	244	Peak	Open	
6	25.52	36.20	14.00	22.20	69.50	-33.30		100	59	Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

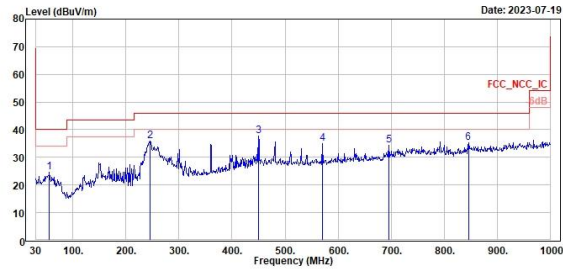
BLE_2M

High Channel (Horizontal)

High Channel (Vertical)



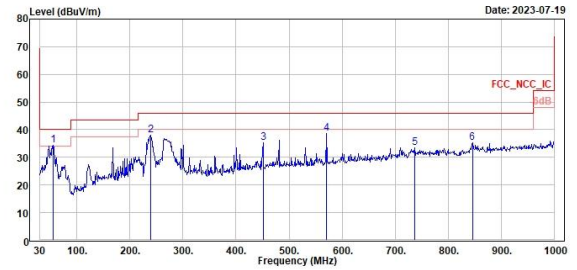
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	55.22	24.77	30.71	-5.94	40.00	-15.23		200	283	Peak	Horizontal	
2	245.34	35.88	42.41	-6.53	46.00	-10.12		100	68	Peak	Horizontal	
3	450.01	37.63	39.62	-1.99	46.00	-8.37		200	131	Peak	Horizontal	
4	570.29	34.97	35.50	-0.53	46.00	-11.03		200	136	Peak	Horizontal	
5	696.39	34.40	32.46	2.02	46.00	-11.52		200	128	Peak	Horizontal	
6	845.77	35.25	31.15	4.10	46.00	-10.75		300	191	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	55.22	34.48	40.42	-5.94	40.00	-5.52		200	112	Peak	Vertical	
2	239.52	37.98	44.58	-6.60	46.00	-8.02		100	224	Peak	Vertical	
3	450.98	35.27	37.29	-2.02	46.00	-10.73		100	22	Peak	Vertical	
4	571.26	38.63	39.16	-0.53	46.00	-7.37		200	162	Peak	Vertical	
5	737.13	33.49	30.94	2.55	46.00	-12.51		200	122	Peak	Vertical	
6	845.77	35.38	31.28	4.10	46.00	-10.62		205	360	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

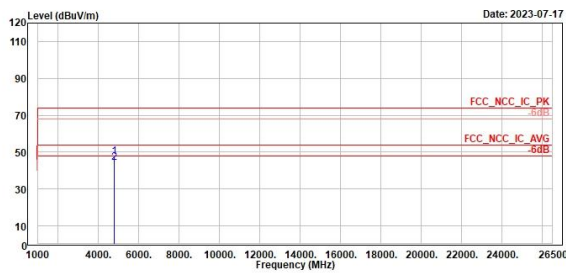
BLE_1M

Low Channel (Horizontal)

Low Channel (Vertical)



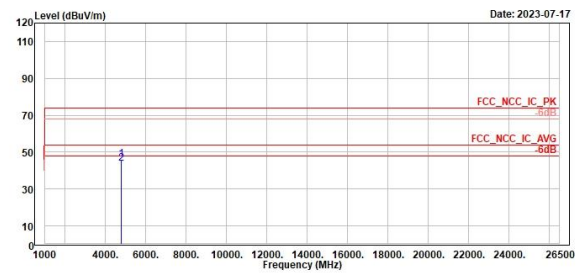
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	4804.00	47.23	56.26	-9.03	74.00	-26.77	300	340	Peak	Horizontal		
2	4804.00	44.27	53.30	-9.03	54.00	-9.73	300	340	Average	Horizontal		



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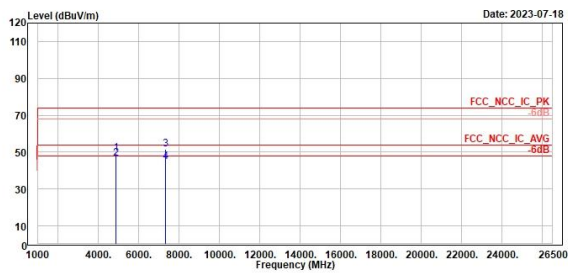
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	4804.00	46.23	55.26	-9.03	74.00	-27.77	100	290	Peak	Vertical		
2	4804.00	43.83	52.86	-9.03	54.00	-10.17	100	290	Average	Vertical		

BLE_1M

Middle Channel (Horizontal)



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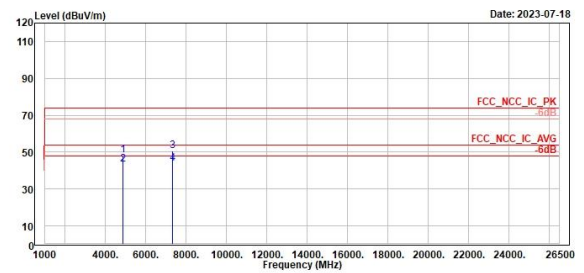


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	4888.00	49.28	58.32	-9.04	74.00	-24.72	300	360	Peak	Horizontal		
2	4888.00	46.46	55.50	-9.04	54.00	-7.54	300	360	Average	Horizontal		
3	7328.00	51.53	58.61	-7.08	74.00	-22.47	100	323	Peak	Horizontal		
4	7328.00	44.64	51.72	-7.08	54.00	-9.36	100	323	Average	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	4888.00	48.26	57.30	-9.04	74.00	-25.74	376	292	Peak	Vertical		
2	4888.00	43.52	52.56	-9.04	54.00	-10.48	376	292	Average	Vertical		
3	7328.00	50.48	57.56	-7.08	74.00	-23.52	400	14	Peak	Vertical		
4	7328.00	43.95	51.03	-7.08	54.00	-10.05	400	14	Average	Vertical		

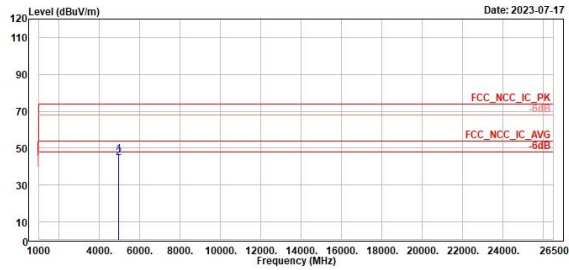
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



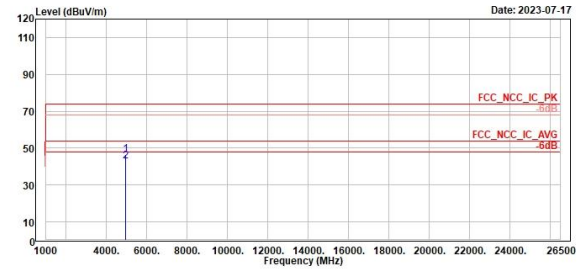
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4960.00	46.65	55.49	-8.84	74.00	-27.35	100	330	Peak	Horizontal		
2	4960.00	44.70	53.54	-8.84	54.00	-9.30	100	330	Average	Horizontal		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4960.00	46.62	55.46	-8.84	74.00	-27.38	300	300	Peak	Vertical		
2	4960.00	42.86	51.70	-8.84	54.00	-11.14	300	300	Average	Vertical		

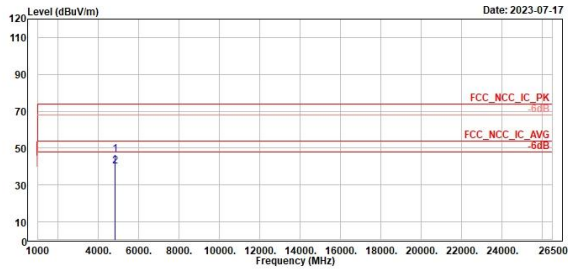
BLE_2M

Low Channel (Horizontal)

Low Channel (Vertical)



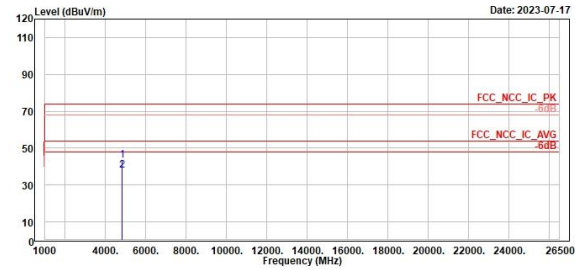
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenliiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4888.00	46.69	55.71	-9.02	74.00	-27.31	251	41	Peak	Horizontal		
2	4888.00	40.07	49.09	-9.02	54.00	-13.93	251	41	Average	Horizontal		



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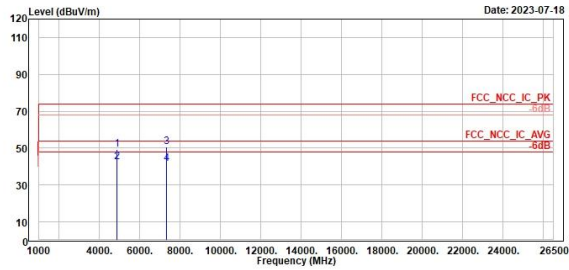
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4888.00	43.39	52.41	-9.02	74.00	-30.61	100	183	Peak	Vertical		
2	4888.00	37.72	46.74	-9.02	54.00	-16.28	100	183	Average	Vertical		

BLE_2M

Middle Channel (Horizontal)



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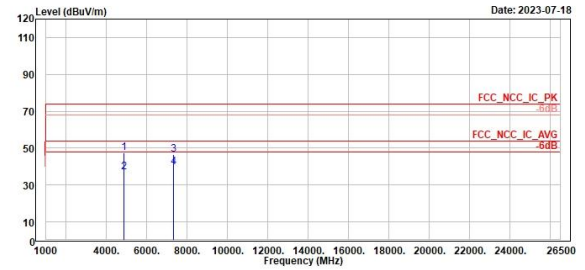


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4888.00	49.22	58.26	-9.04	74.00	-24.78		303	360	Peak	Horizontal	
2	4888.00	42.24	51.28	-9.04	54.00	-11.76		303	360	Average	Horizontal	
3	7320.00	50.48	57.56	-7.08	74.00	-23.52		100	333	Peak	Horizontal	
4	7320.00	41.73	48.81	-7.08	54.00	-12.27		100	333	Average	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	dB	cm	deg			
1	4888.00	47.59	56.63	-9.04	74.00	-26.41		300	292	Peak	Vertical	
2	4888.00	36.96	46.00	-9.04	54.00	-17.04		300	292	Average	Vertical	
3	7320.00	46.70	53.78	-7.08	74.00	-27.30		400	189	Peak	Vertical	
4	7320.00	39.82	46.90	-7.08	54.00	-14.18		400	189	Average	Vertical	

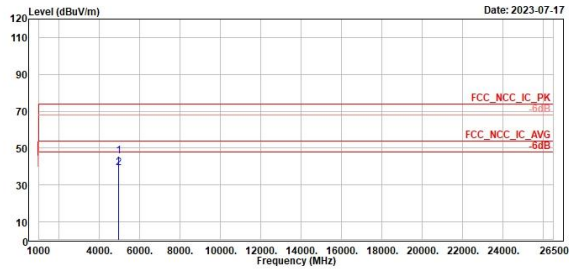
BLE_2M

High Channel (Horizontal)

High Channel (Vertical)



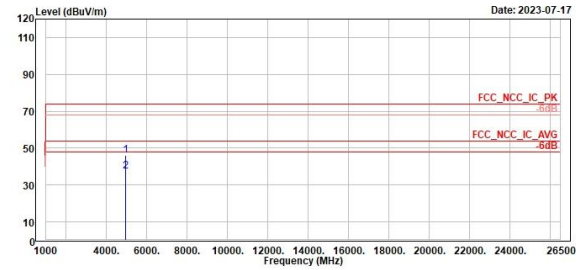
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4956.00	45.49	54.33	-8.84	74.00	-28.51	249	360	Peak	Horizontal	
2	4956.00	39.13	47.97	-8.84	54.00	-14.87	249	360	Average	Horizontal	



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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	4956.00	46.02	54.86	-8.84	74.00	-27.98	344	73	Peak	Vertical	
2	4956.00	37.35	46.19	-8.84	54.00	-16.65	344	73	Average	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

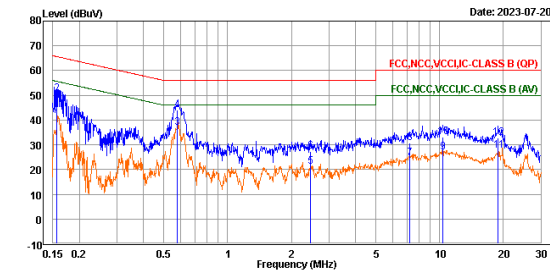
Worst Band

(Line)

(Neutral)



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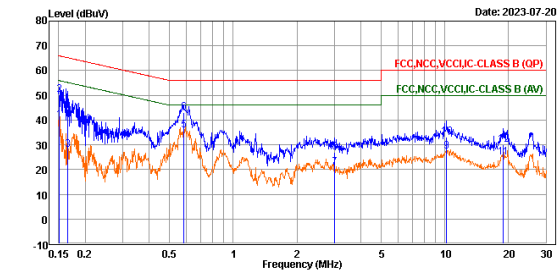


Trace: 1

	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.16	40.30	30.68	9.62	55.63	-15.33	Average	line1	
2	0.16	50.45	40.83	9.62	65.63	-15.18	QP	line1	
3	0.58	36.90	27.27	9.63	46.00	-9.10	Average	line1	
4	0.58	44.20	34.57	9.63	56.00	-11.80	QP	line1	
5	2.47	21.30	11.64	9.66	46.00	-24.70	Average	line1	
6	2.47	27.16	17.50	9.66	56.00	-28.84	QP	line1	
7	7.21	24.54	14.91	9.73	50.00	-25.36	Average	line1	
8	7.21	30.58	20.85	9.73	60.00	-29.42	QP	line1	
9	10.32	27.03	17.27	9.76	50.00	-22.97	Average	line1	
10	10.32	33.09	23.33	9.76	60.00	-26.91	QP	line1	
11	18.87	27.48	17.71	9.77	50.00	-22.52	Average	line1	
12	18.87	32.63	22.86	9.77	60.00	-27.37	QP	line1	



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Trace: 1

	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	39.83	30.21	9.62	55.96	-16.13	Average	neutral	
2	0.15	50.39	40.77	9.62	65.96	-15.57	QP	neutral	
3	0.17	28.12	18.50	9.62	55.17	-27.05	Average	neutral	
4	0.17	44.49	34.87	9.62	65.17	-20.68	QP	neutral	
5	0.58	35.94	26.31	9.63	46.00	-10.06	Average	neutral	
6	0.58	42.95	33.32	9.63	56.00	-13.05	QP	neutral	
7	3.00	20.96	11.28	9.68	46.00	-25.04	Average	neutral	
8	3.00	26.80	17.12	9.68	56.00	-29.20	QP	neutral	
9	10.17	27.15	17.36	9.79	50.00	-22.85	Average	neutral	
10	10.17	33.00	23.21	9.79	60.00	-27.00	QP	neutral	
11	18.78	24.77	14.91	9.86	50.00	-25.23	Average	neutral	
12	18.78	30.19	20.33	9.86	60.00	-29.81	QP	neutral	

Main Source, ECC Mode for Antenna No. 6

Band Edges, 2.31GHz ~ 2.9GHz

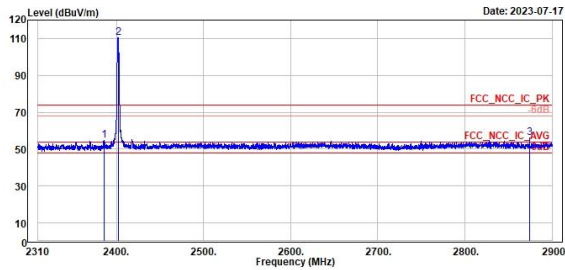
BLE_1M

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



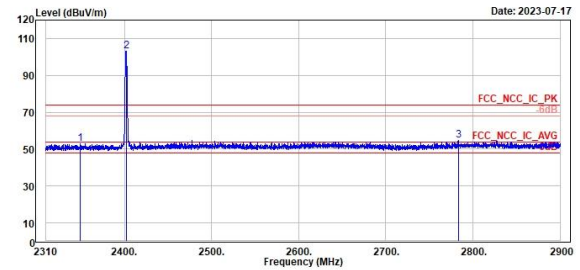
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	2386.23	54.88	17.70	37.18	74.00	-19.12		273	30	Peak	Horizontal	
2 *	2402.00	110.28	73.11	37.17	74.00	36.28		273	30	Peak	Horizontal	
3	2874.04	55.96	18.11	37.85	74.00	-18.04		273	30	Peak	Horizontal	



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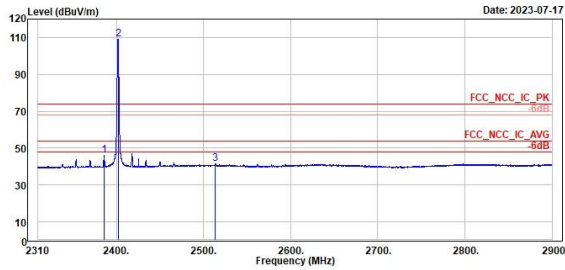
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	2349.41	53.01	15.80	37.21	74.00	-20.99		314	201	Peak	Vertical	
2 *	2402.00	103.12	65.95	37.17	74.00	29.12		314	201	Peak	Vertical	
3	2783.06	54.79	17.21	37.58	74.00	-19.21		314	201	Peak	Vertical	

BLE_1M

Low Channel (Horizontal) Average



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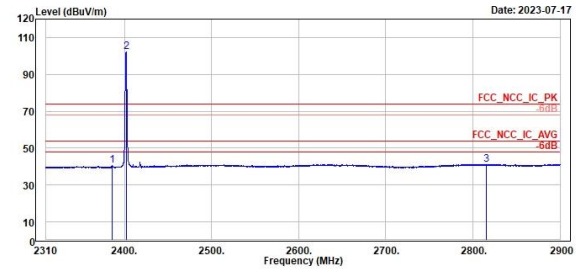


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1	2385.87	46.28	9.10	37.18	54.00	-7.72	273	30	Average	Horizontal		
2 *	2402.00	109.26	72.09	37.17	54.00	55.26	273	30	Average	Horizontal		
3	2513.79	41.60	4.09	37.51	54.00	-12.40	273	30	Average	Horizontal		

Low Channel (Vertical) Average



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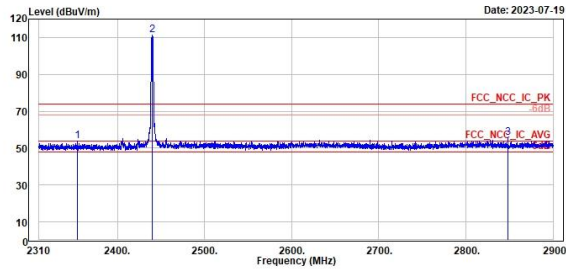
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1	2386.23	40.83	3.65	37.18	54.00	-13.17	314	201	Average	Vertical		
2 *	2402.00	102.11	64.94	37.17	54.00	48.11	314	201	Average	Vertical		
3	2815.51	41.26	3.51	37.75	54.00	-12.74	314	201	Average	Vertical		

BLE_1M

Middle Channel (Horizontal) Peak



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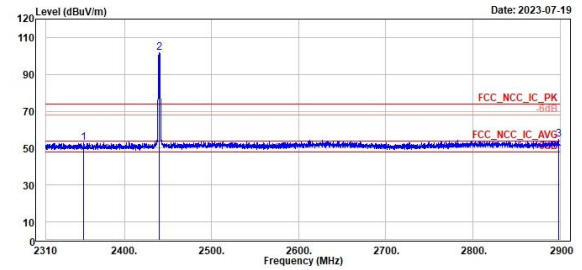


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2354.37	53.62	16.42	37.20	74.00	-20.38		327	78	Peak	Horizontal	
2 *	2440.00	111.20	73.76	37.44	74.00	37.20		327	78	Peak	Horizontal	
3	2848.32	55.54	17.76	37.78	74.00	-18.46		327	78	Peak	Horizontal	

Middle Channel (Vertical) Peak



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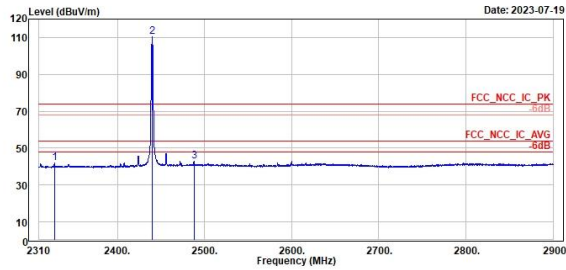
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2353.07	53.00	15.80	37.20	74.00	-21.00		268	295	Peak	Vertical	
2 *	2440.00	101.75	64.31	37.44	74.00	27.75		268	295	Peak	Vertical	
3	2897.88	54.97	17.04	37.93	74.00	-19.03		268	295	Peak	Vertical	

BLE_1M

Middle Channel (Horizontal) Average



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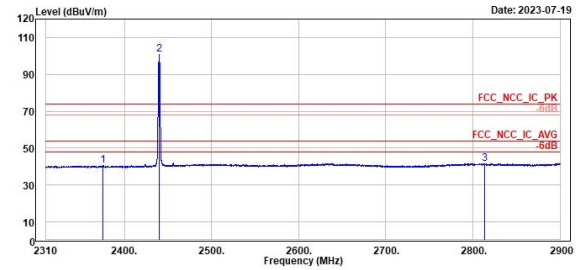


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2327.94	41.88	4.79	37.01	54.00	-12.20		327	78	Average	Horizontal	
2 *	2440.00	110.24	72.80	37.44	54.00	56.24		327	78	Average	Horizontal	
3	2487.94	42.92	5.37	37.55	54.00	-11.08		327	78	Average	Horizontal	

Middle Channel (Vertical) Average



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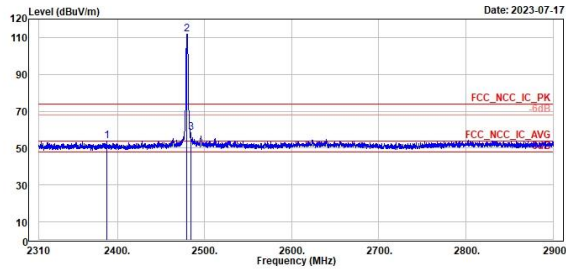
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1	2375.49	40.39	3.20	37.19	54.00	-13.61		268	295	Average	Vertical	
2 *	2440.00	100.83	63.39	37.44	54.00	46.83		268	295	Average	Vertical	
3	2813.74	41.58	3.83	37.75	54.00	-12.42		268	295	Average	Vertical	

BLE_1M

High Channel (Horizontal) Peak



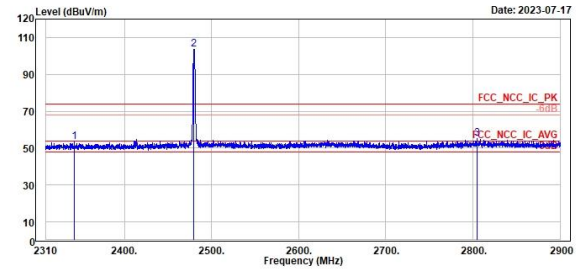
TÜV Rheinland Taiwan Ltd.
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2388.23	53.67	16.50	37.17	74.00	-20.33		329	204 Peak	Horizontal		
2 *	2480.00	111.63	74.09	37.54	74.00	37.63		329	204 Peak	Horizontal		
3	2484.05	58.31	20.77	37.54	74.00	-15.69		329	204 Peak	Horizontal		



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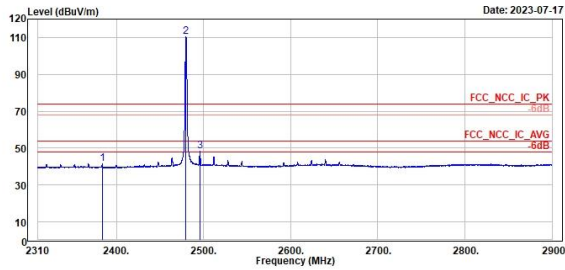
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1	2342.57	53.20	16.06	37.14	74.00	-20.80		253	296 Peak	Vertical		
2 *	2480.00	103.68	66.14	37.54	74.00	29.68		253	296 Peak	Vertical		
3	2804.42	55.02	17.28	37.74	74.00	-18.98		253	296 Peak	Vertical		

BLE_1M

High Channel (Horizontal) Average



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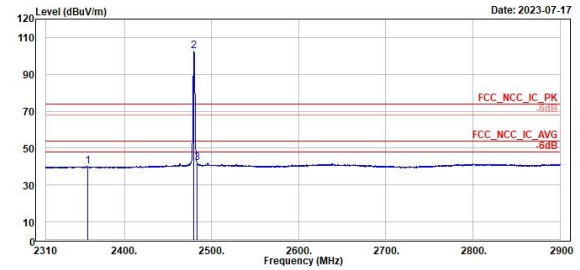


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2383.99	41.38	4.21	37.17	54.00	-12.62	329	204	Average	Horizontal		
2 *	2480.00	110.61	73.07	37.54	54.00	56.61	329	204	Average	Horizontal		
3 !	2495.97	48.54	10.98	37.56	54.00	-5.46	329	204	Average	Horizontal		

High Channel (Vertical) Average



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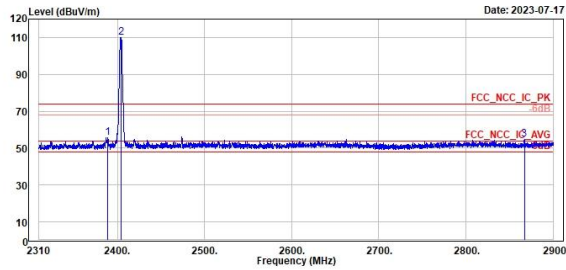
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2358.26	40.02	2.82	37.20	54.00	-13.98	253	296	Average	Vertical		
2 *	2480.00	102.55	65.01	37.54	54.00	48.55	253	296	Average	Vertical		
3	2483.46	41.90	4.36	37.54	54.00	-12.10	253	296	Average	Vertical		

BLE_2M

Low Channel (Horizontal) Peak



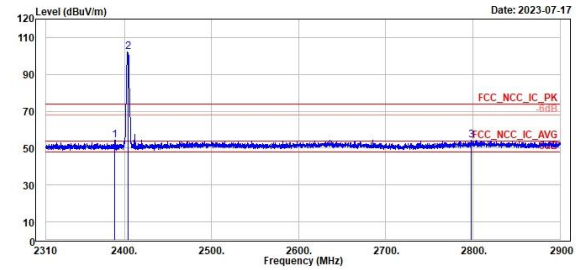
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenliiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2389.18	55.76	18.59	37.17	74.00	-18.24		219	28	Peak	Horizontal	
2 *	2404.00	110.02	72.84	37.18	74.00	36.02		219	28	Peak	Horizontal	
3	2866.96	54.74	16.91	37.83	74.00	-19.26		219	28	Peak	Horizontal	



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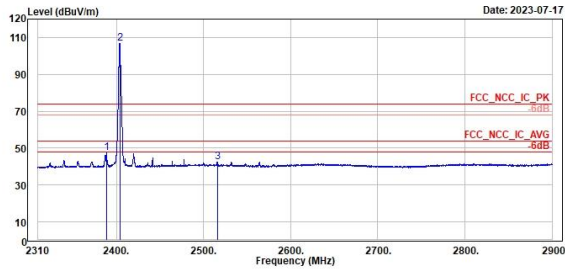
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1	2389.30	54.34	17.17	37.17	74.00	-19.66		384	45	Peak	Vertical	
2 *	2404.00	102.04	64.86	37.18	74.00	28.04		384	45	Peak	Vertical	
3	2790.40	54.24	16.52	37.72	74.00	-19.76		384	45	Peak	Vertical	

BLE_2M

Low Channel (Horizontal) Average



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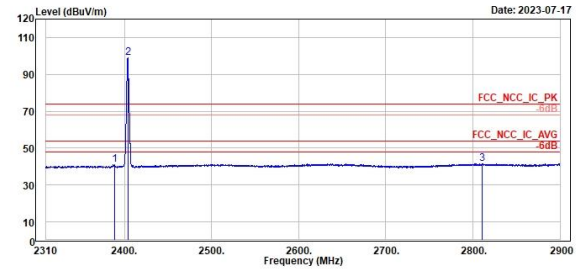


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1	2388.82	47.41	10.24	37.17	54.00	-6.59		219	28	Average	Horizontal	
2 *	2404.00	106.99	69.81	37.18	54.00	52.99		219	28	Average	Horizontal	
3	2515.91	42.62	5.11	37.51	54.00	-11.38		219	28	Average	Horizontal	

Low Channel (Vertical) Average



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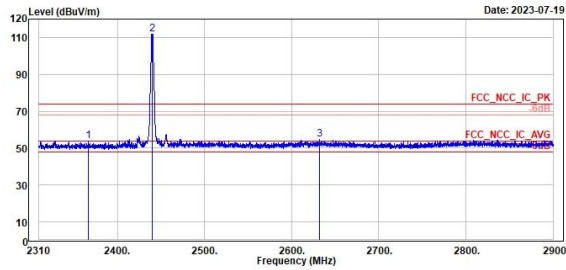
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2388.71	41.25	4.08	37.17	54.00	-12.75		384	45	Average	Vertical	
2 *	2404.00	99.24	62.06	37.18	54.00	45.24		384	45	Average	Vertical	
3	2810.67	41.47	3.72	37.75	54.00	-12.53		384	45	Average	Vertical	

BLE_2M

Middle Channel (Horizontal) Peak



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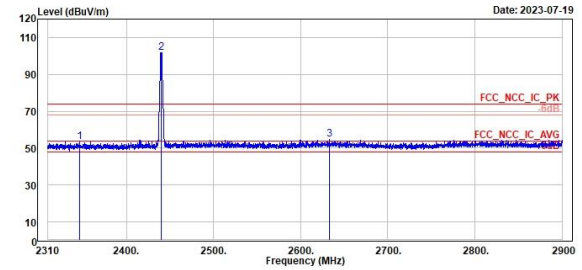


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
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1	2366.88	53.93	16.73	37.20	74.00	-20.07		327	74	Peak	Horizontal	
2 *	2448.00	111.72	74.28	37.44	74.00	37.72		327	74	Peak	Horizontal	
3	2632.26	54.90	17.28	37.62	74.00	-19.10		327	74	Peak	Horizontal	

Middle Channel (Vertical) Peak



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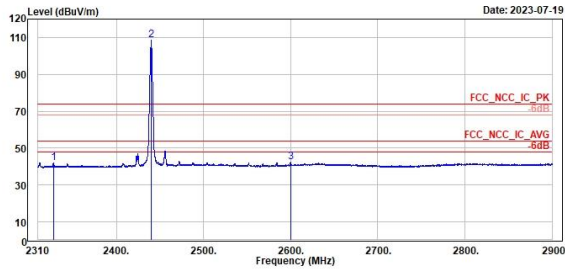
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1	2346.23	53.39	16.21	37.18	74.00	-20.61		267	296	Peak	Vertical	
2 *	2448.00	101.76	64.32	37.44	74.00	27.76		267	296	Peak	Vertical	
3	2632.97	54.69	17.08	37.61	74.00	-19.31		267	296	Peak	Vertical	

BLE_2M

Middle Channel (Horizontal) Average



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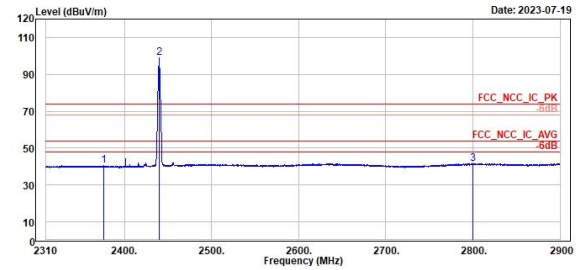


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2327.82	42.16	5.15	37.01	54.00	-11.84		327	74	Average	Horizontal	
2 *	2440.00	108.60	71.16	37.44	54.00	54.60		327	74	Average	Horizontal	
3	2600.16	42.44	4.79	37.65	54.00	-11.56		327	74	Average	Horizontal	

Middle Channel (Vertical) Average



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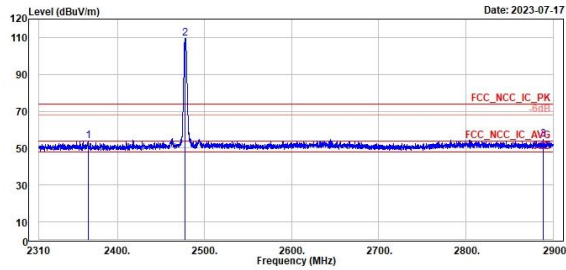
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2376.55	40.44	3.25	37.19	54.00	-13.56		267	296	Average	Vertical	
2 *	2440.00	98.94	61.50	37.44	54.00	44.94		267	296	Average	Vertical	
3	2800.17	41.53	3.79	37.74	54.00	-12.47		267	296	Average	Vertical	

BLE_2M

High Channel (Horizontal) Peak



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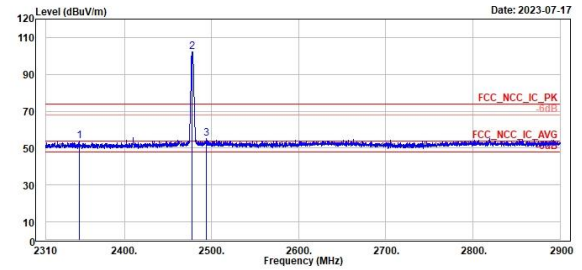


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2366.29	53.84	16.64	37.20	74.00	-20.16	365	324	Peak	Horizontal		
2 *	2478.00	109.68	72.14	37.54	74.00	35.68	365	324	Peak	Horizontal		
3	2888.32	54.95	17.05	37.90	74.00	-19.05	365	324	Peak	Horizontal		

High Channel (Vertical) Peak



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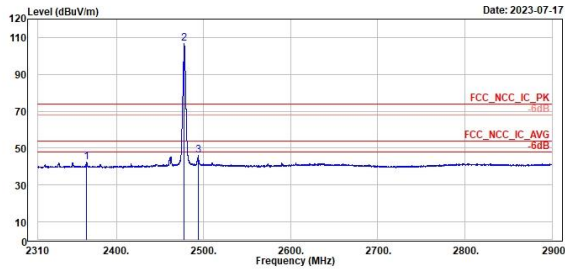
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2348.70	53.69	16.49	37.20	74.00	-20.31	294	198	Peak	Vertical		
2 *	2478.00	102.29	64.75	37.54	74.00	28.29	294	198	Peak	Vertical		
3	2494.32	55.27	17.72	37.55	74.00	-18.73	294	198	Peak	Vertical		

BLE_2M

High Channel (Horizontal) Average



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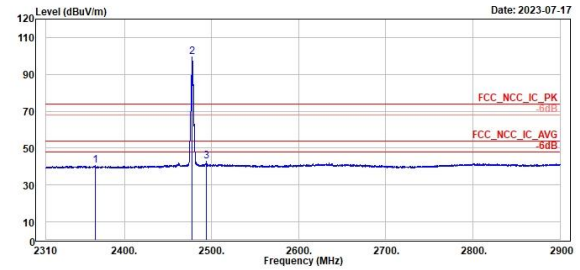


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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2365.93	42.51	5.31	37.20	54.00	-11.49	365	324	Average	Horizontal		
2 *	2478.00	106.79	69.25	37.54	54.00	52.79	365	324	Average	Horizontal		
3	2494.08	46.15	8.60	37.55	54.00	-7.85	365	324	Average	Horizontal		

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	dB	cm	deg			
1	2366.40	40.40	3.20	37.20	54.00	-13.60	294	198	Average	Vertical		
2 *	2478.00	99.45	61.91	37.54	54.00	45.45	294	198	Average	Vertical		
3	2493.84	42.77	5.22	37.55	54.00	-11.23	294	198	Average	Vertical		

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

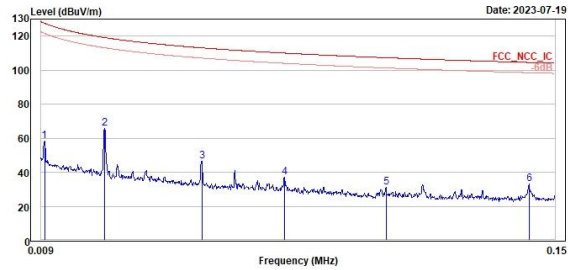
BLE_1M

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



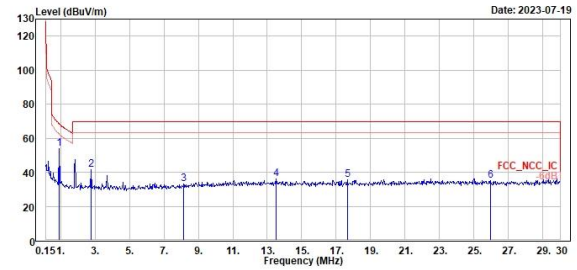
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenhua Rd., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	0.01	58.11	40.39	17.72	127.60	-69.49	100	135	Peak	Open		
2	0.03	65.97	47.02	18.95	119.13	-53.16	100	121	Peak	Open		
3	0.05	46.57	27.53	19.04	113.09	-66.52	100	121	Peak	Open		
4	0.08	36.85	18.35	18.50	118.00	-73.15	100	211	Peak	Open		
5	0.10	30.97	13.04	17.93	107.29	-76.32	100	135	Peak	Open		
6	0.14	33.12	15.03	18.09	104.50	-71.38	100	126	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	dB	cm	deg			
1	0.93	53.99	34.96	19.03	68.27	-14.28	100	121	Peak	Open		
2	2.78	41.69	22.14	19.55	69.50	-27.81	100	121	Peak	Open		
3	8.15	33.20	12.47	20.73	69.50	-36.30	100	220	Peak	Open		
4	13.49	36.11	14.38	21.73	69.50	-33.39	100	216	Peak	Open		
5	17.64	35.38	13.37	22.01	69.50	-34.12	100	201	Peak	Open		
6	25.97	35.08	12.87	22.21	69.50	-34.42	100	120	Peak	Open		

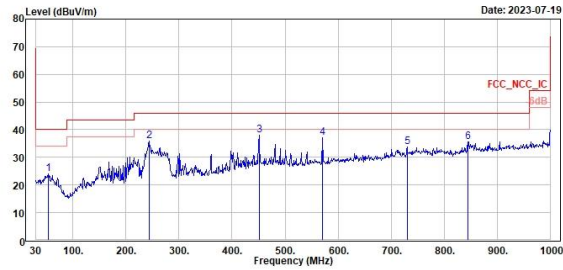
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_1M

High Channel (Horizontal)



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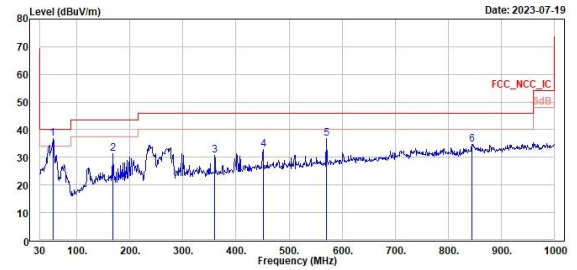


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	53.28	23.92	29.58	-5.66	40.00	-16.08		123	360	Peak	Horizontal	
2	243.40	35.75	42.30	-6.55	46.00	-10.25		100	256	Peak	Horizontal	
3	458.98	38.17	40.19	-2.02	46.00	-7.83		300	113	Peak	Horizontal	
4	578.29	37.04	37.57	-0.53	46.00	-8.96		100	96	Peak	Horizontal	
5	730.34	33.64	31.47	2.17	46.00	-12.36		100	110	Peak	Horizontal	
6	844.80	35.69	31.57	4.12	46.00	-10.31		101	360	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	dB	cm	deg			
1	54.25	36.78	42.52	-5.74	40.00	-3.22		100	243	Peak	Vertical	
2	167.74	31.31	37.03	-5.72	43.50	-12.19		100	58	Peak	Vertical	
3	359.00	30.73	34.29	-3.56	46.00	-15.27		100	189	Peak	Vertical	
4	458.98	32.89	34.91	-2.02	46.00	-13.11		100	360	Peak	Vertical	
5	571.26	36.83	37.36	-0.53	46.00	-9.17		200	155	Peak	Vertical	
6	844.80	34.81	30.69	4.12	46.00	-11.19		300	262	Peak	Vertical	