

Appendix D: Test Results of Radiated Spurious Emissions & Mains

Conducted Emission Test for PIFA Antenna

Main Source, ECC Mode for Antenna No. 3

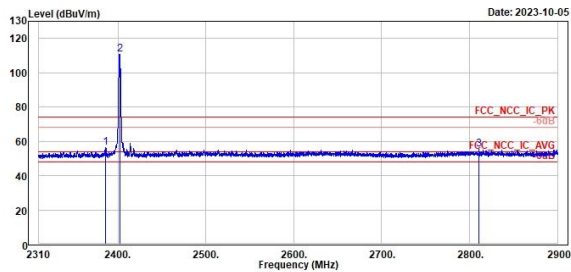
Band Edges, 2.31GHz ~ 2.9GHz

BLE_1M

Low Channel (Horizontal) Peak



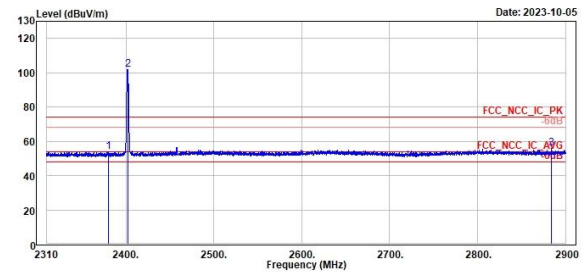
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2386.46	56.48	19.39	37.18	74.00	-17.52	319	204 Peak	Horizontal	
2 *	2402.00	110.63	73.46	37.17	74.00	36.63	319	204 Peak	Horizontal	
3	2810.91	55.54	17.79	37.75	74.00	-18.46	319	204 Peak	Horizontal	



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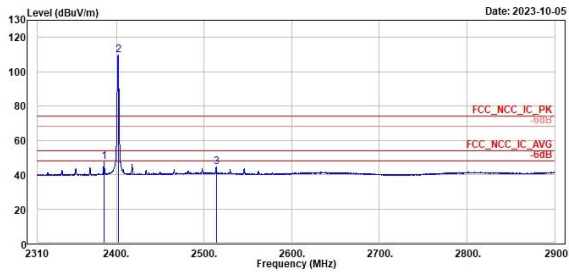
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2380.45	54.05	16.87	37.18	74.00	-19.95	357	233 Peak	Vertical	
2 *	2402.00	101.71	64.54	37.17	74.00	27.71	357	233 Peak	Vertical	
3	2883.72	55.61	17.73	37.88	74.00	-18.39	357	233 Peak	Vertical	

BLE_1M

Low Channel (Horizontal) Average



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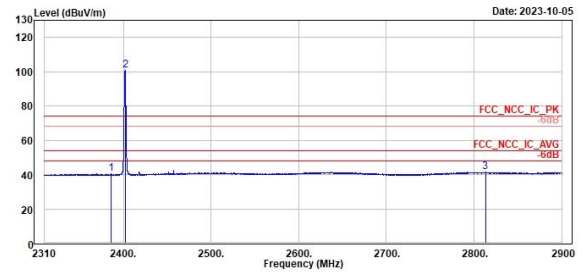


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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	Limit	cm	deg			
1	2386.11	47.21	10.03	37.18	54.00	-6.79	319	204	Average	Horizontal		
2 *	2402.00	109.56	72.39	37.17	54.00	55.56	319	204	Average	Horizontal		
3	2513.90	44.35	6.84	37.51	54.00	-9.65	319	204	Average	Horizontal		

Low Channel (Vertical) Average



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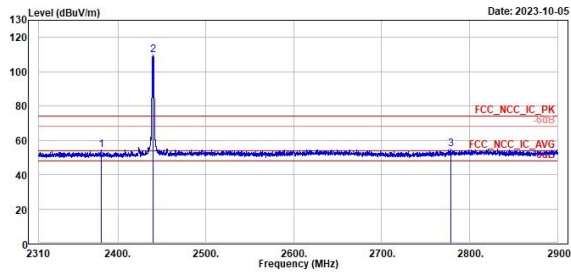
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	Limit	cm	deg			
1	2385.87	40.55	3.37	37.18	54.00	-13.45	357	233	Average	Vertical		
2 *	2402.00	100.68	63.51	37.17	54.00	46.68	357	233	Average	Vertical		
3	2812.92	41.31	3.56	37.75	54.00	-12.69	357	233	Average	Vertical		

BLE_1M

Middle Channel (Horizontal) Peak



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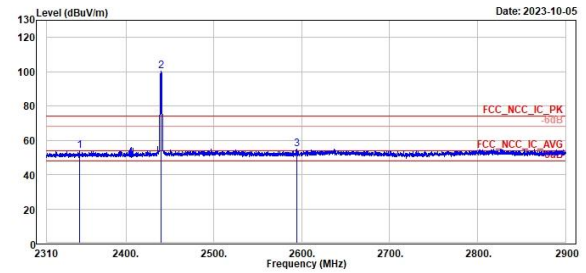


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2381.39	54.29	17.11	37.18	74.00	-19.71		383	209	Peak	Horizontal	
2 *	2448.00	109.57	72.13	37.44	74.00	35.57		383	209	Peak	Horizontal	
3	2778.22	54.85	17.30	37.55	74.00	-19.15		383	209	Peak	Horizontal	

Middle Channel (Vertical) Peak



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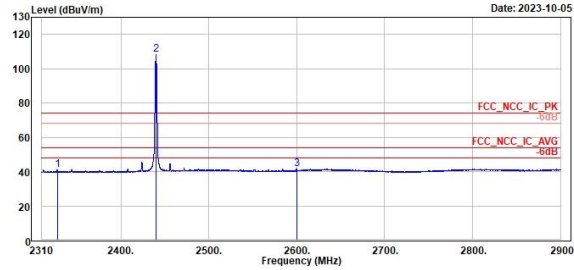
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2347.52	53.65	16.46	37.19	74.00	-20.35		356	235	Peak	Vertical	
2 *	2448.00	100.17	62.73	37.44	74.00	26.17		356	235	Peak	Vertical	
3	2594.14	54.89	17.26	37.63	74.00	-19.11		356	235	Peak	Vertical	

BLE_1M

Middle Channel (Horizontal) Average



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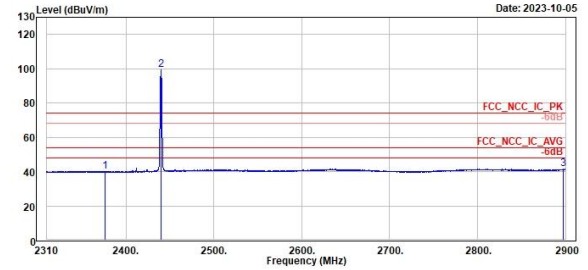


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2327.94	41.24	4.23	37.01	54.00	-12.76		383	209	Average	Horizontal	
2 *	2440.00	108.45	71.01	37.44	54.00	54.45		383	209	Average	Horizontal	
3	2600.28	41.71	4.06	37.65	54.00	-12.29		383	209	Average	Horizontal	

Middle Channel (Vertical) Average



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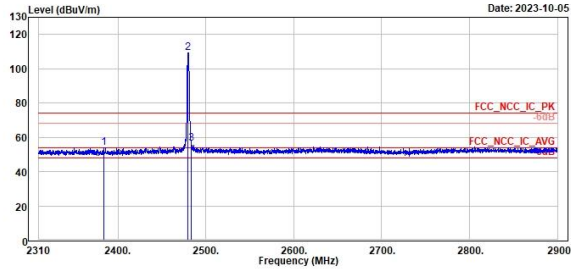
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2375.96	40.25	3.06	37.19	54.00	-13.75		356	235	Average	Vertical	
2 *	2440.00	99.15	61.71	37.44	54.00	45.15		356	235	Average	Vertical	
3	2897.52	41.41	3.48	37.93	54.00	-12.59		356	235	Average	Vertical	

BLE_1M

High Channel (Horizontal) Peak



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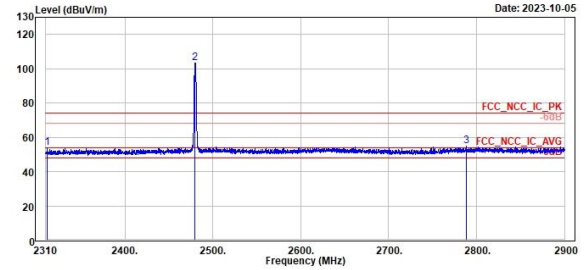


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2383.75	54.08	16.91	37.17	74.00	-19.92		377	202	Peak	Horizontal	
2 *	2480.00	109.44	71.90	37.54	74.00	35.44		377	202	Peak	Horizontal	
3	2483.58	56.45	18.91	37.54	74.00	-17.55		377	202	Peak	Horizontal	

High Channel (Vertical) Peak



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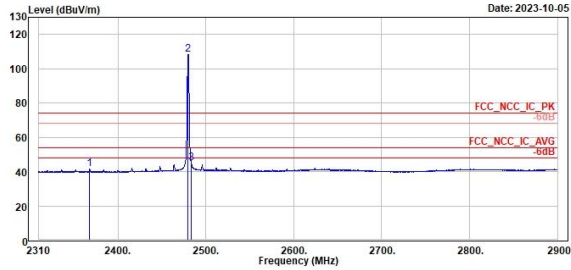
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2311.89	53.75	16.88	36.87	74.00	-20.25		300	150	Peak	Vertical	
2 *	2480.00	103.11	65.57	37.54	74.00	29.11		300	150	Peak	Vertical	
3	2787.90	54.77	17.15	37.62	74.00	-19.23		300	150	Peak	Vertical	

BLE_1M

High Channel (Horizontal) Average



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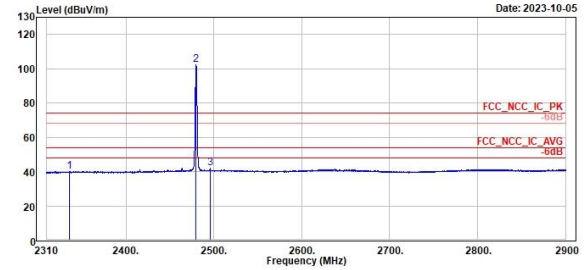


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2368.06	41.45	4.26	37.19	54.00	-12.55		377	202	Average	Horizontal	
2 *	2488.00	108.48	70.94	37.54	54.00	54.48		377	202	Average	Horizontal	
3	2483.46	44.74	7.20	37.54	54.00	-9.26		377	202	Average	Horizontal	

High Channel (Vertical) Average



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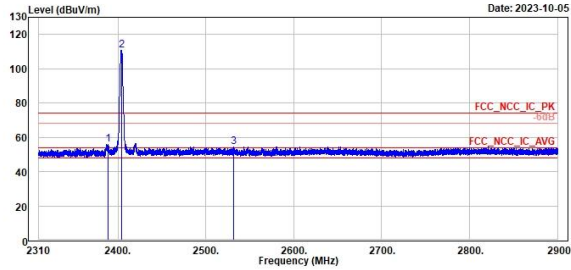
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2335.96	40.18	3.09	37.09	54.00	-13.82		300	150	Average	Vertical	
2 *	2488.00	102.09	64.55	37.54	54.00	48.09		300	150	Average	Vertical	
3	2496.09	41.81	4.25	37.56	54.00	-12.19		300	150	Average	Vertical	

BLE_2M

Low Channel (Horizontal) Peak



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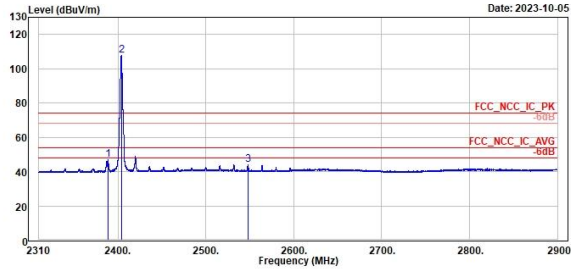
	Freq	Level	Read		Limit	Over	Apos	Tpos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.20	56.04	18.87	37.17	74.00	-17.96	313	283	Peak	Horizontal	
2	2404.00	118.60	73.42	37.18	74.00	36.60	313	283	Peak	Horizontal	
3	2532.12	54.62	17.16	37.46	74.00	-19.38	313	283	Peak	Horizontal	

BLE_2M

Low Channel (Horizontal) Average



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Tel: +886-2172-1000 Fax: +886-2172-1322

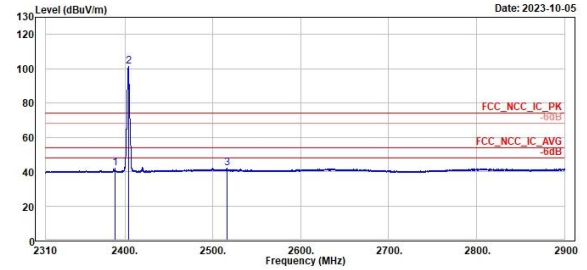


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	Limit	cm	deg			
1	2388.75	47.20	10.03	37.17	54.00	-6.80	313	203	Average	Horizontal	
2 *	2404.00	107.78	70.60	37.18	54.00	53.78	313	203	Average	Horizontal	
3	2548.01	44.08	6.67	37.41	54.00	-9.92	313	203	Average	Horizontal	

Low Channel (Vertical) Average



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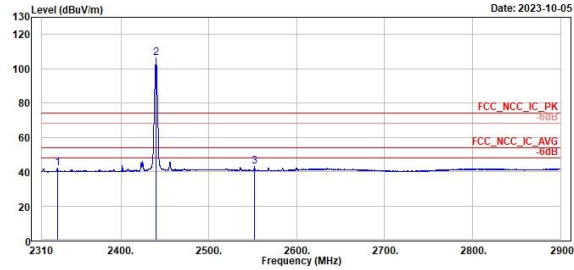
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	Limit	cm	deg			
1	2388.71	41.98	4.81	37.17	54.00	-12.02	393	283	Average	Vertical	
2 *	2404.00	101.11	63.93	37.18	54.00	47.11	393	283	Average	Vertical	
3	2516.05	42.02	4.51	37.51	54.00	-11.98	393	283	Average	Vertical	

BLE_2M

Middle Channel (Horizontal) Average



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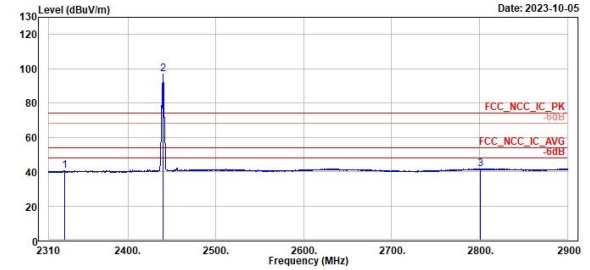


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2327.94	41.89	4.88	37.01	54.00	-12.11		385	210	Average	Horizontal	
2 *	2448.00	106.28	68.84	37.44	54.00	52.28		385	210	Average	Horizontal	
3	2552.02	42.85	5.43	37.42	54.00	-11.15		385	210	Average	Horizontal	

Middle Channel (Vertical) Average



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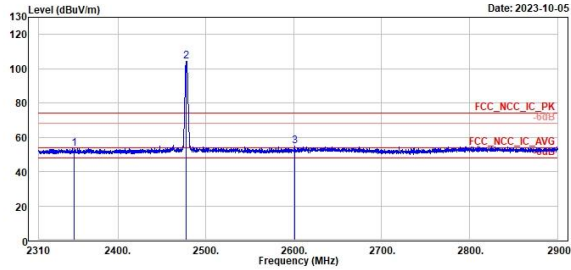
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2328.05	40.65	3.64	37.01	54.00	-13.35		348	233	Average	Vertical	
2 *	2448.00	96.87	59.43	37.44	54.00	42.87		348	233	Average	Vertical	
3	2801.23	41.66	3.92	37.74	54.00	-12.34		348	233	Average	Vertical	

BLE_2M

High Channel (Horizontal) Peak



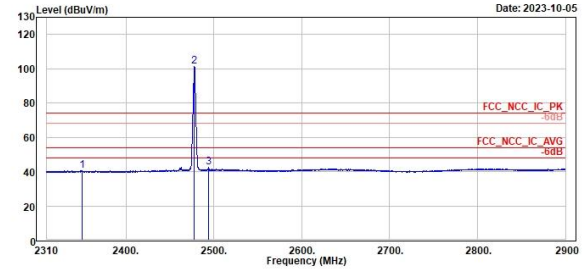
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2350.24	53.58	16.37	37.21	74.00	-20.42		374	35	Peak	Vertical	
2 *	2478.00	104.12	66.58	37.54	74.00	30.12		374	35	Peak	Vertical	
3	2690.75	54.85	17.20	37.65	74.00	-19.15		374	35	Peak	Vertical	



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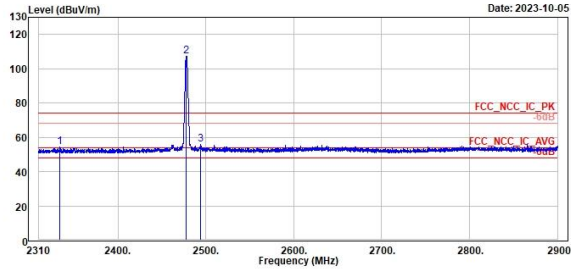
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2350.00	40.71	3.50	37.21	54.00	-13.29		374	35	Average	Vertical	
2 *	2478.00	101.11	63.57	37.54	54.00	47.11		374	35	Average	Vertical	
3	2494.00	42.30	4.75	37.55	54.00	-11.70		374	35	Average	Vertical	

BLE_2M

High Channel (Horizontal) Average



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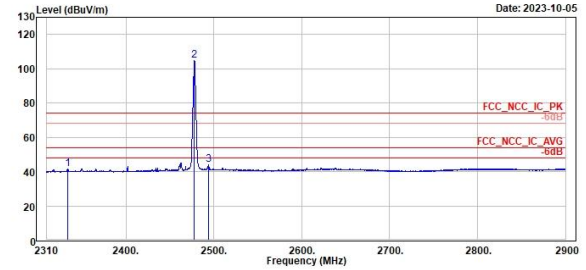


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2334.07	54.19	17.13	37.06	74.00	-19.81		372	210	Peak	Horizontal	
2 *	2478.00	107.39	69.85	37.54	74.00	33.39		372	210	Peak	Horizontal	
3	2494.43	55.88	18.33	37.55	74.00	-18.12		372	210	Peak	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	2334.31	41.75	4.69	37.06	54.00	-12.25		372	210	Average	Horizontal	
2 *	2478.00	104.59	67.05	37.54	54.00	50.59		372	210	Average	Horizontal	
3	2493.96	44.12	6.57	37.55	54.00	-9.88		372	210	Average	Horizontal	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

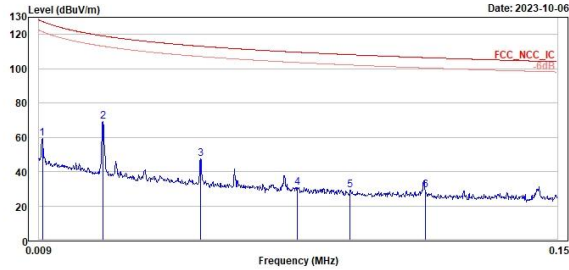
BLE_2M

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



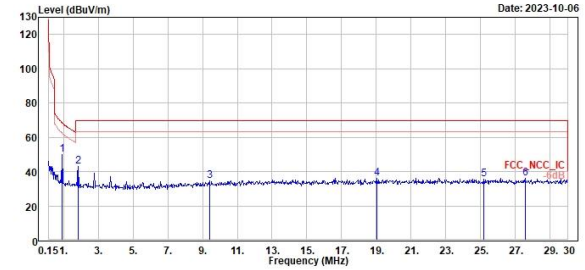
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	0.01	59.26	41.54	17.72	127.60	-68.34		100	191	Peak	Open	
2	0.03	69.39	50.44	18.95	119.13	-49.74		100	179	Peak	Open	
3	0.05	47.32	28.28	19.04	113.11	-65.79		100	160	Peak	Open	
4	0.08	30.86	12.44	18.42	109.62	-78.76		100	318	Peak	Open	
5	0.09	29.19	11.12	18.07	108.17	-78.98		100	170	Peak	Open	
6	0.11	28.96	10.98	17.98	106.44	-77.48		100	39	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	49.89	30.85	19.04	68.27	-18.38		100	78	Peak	Open	
2	1.85	42.96	23.64	19.32	69.50	-26.54		100	179	Peak	Open	
3	9.40	34.41	13.88	21.33	69.50	-35.09		100	86	Peak	Open	
4	19.02	36.11	13.88	22.23	69.50	-33.39		100	149	Peak	Open	
5	25.19	35.69	13.35	22.34	69.50	-33.81		100	348	Peak	Open	
6	27.55	35.93	13.57	22.36	69.50	-33.57		100	68	Peak	Open	

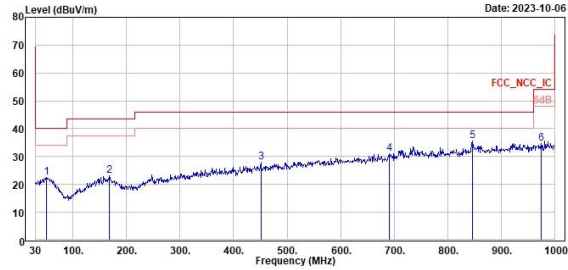
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_2M

High Channel (Horizontal)



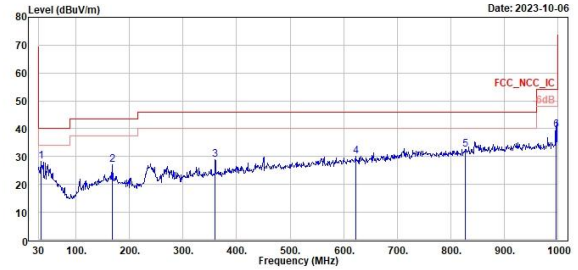
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 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	50.37	22.44	28.09	-5.65	40.00	-17.56		100	360	Peak	Horizontal	
2	167.74	23.16	28.88	-5.72	43.50	-20.34		100	313	Peak	Horizontal	
3	450.98	27.86	29.88	-2.02	46.00	-18.14		100	143	Peak	Horizontal	
4	690.57	30.89	29.13	1.76	46.00	-15.11		100	277	Peak	Horizontal	
5	846.74	35.69	31.59	4.10	46.00	-10.31		100	276	Peak	Horizontal	
6	975.75	34.58	28.90	5.68	54.00	-19.42		100	23	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	33.88	28.20	35.74	-7.54	40.00	-11.80		100	80	Peak	Vertical	
2	167.74	26.98	32.70	-5.72	43.50	-16.52		100	155	Peak	Vertical	
3	359.00	28.95	32.51	-3.56	46.00	-17.05		100	119	Peak	Vertical	
4	622.67	30.21	29.38	0.83	46.00	-15.79		100	205	Peak	Vertical	
5	827.34	32.68	29.03	3.65	46.00	-13.32		100	320	Peak	Vertical	
6	997.09	39.54	33.31	6.23	54.00	-14.46		100	346	Peak	Vertical	

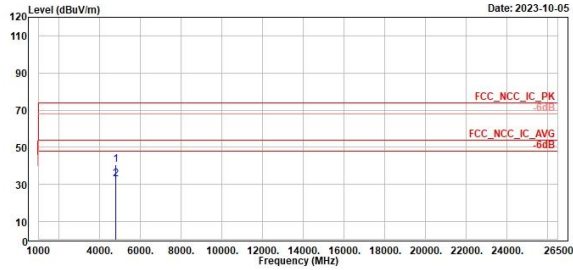
Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

BLE_1M

Low Channel (Horizontal)



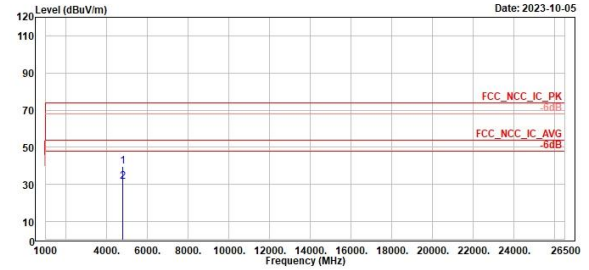
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4804.00	40.38	49.41	-9.03	74.00	-33.62	300	360	Peak	Horizontal		
2	4804.00	33.01	42.04	-9.03	54.00	-20.99	300	360	Average	Horizontal		



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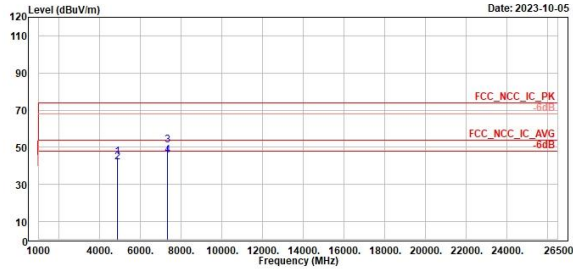
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4804.00	39.79	48.82	-9.03	74.00	-34.21	100	111	Peak	Vertical		
2	4804.00	31.27	40.30	-9.03	54.00	-22.73	100	111	Average	Vertical		

BLE_1M

Middle Channel (Horizontal)



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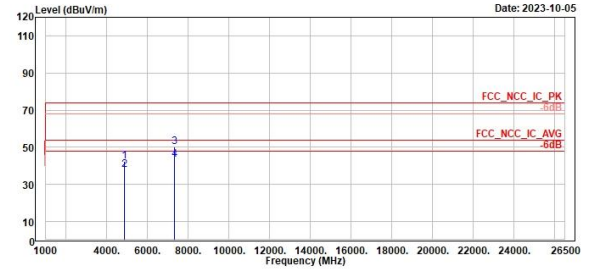


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4880.00	44.73	53.77	-9.04	74.00	-29.27	360	59	Peak	Horizontal		
2	4880.00	42.17	51.21	-9.04	54.00	-11.83	360	59	Average	Horizontal		
3	7320.00	51.15	58.23	-7.08	74.00	-22.85	100	328	Peak	Horizontal		
4	7320.00	45.42	52.50	-7.08	54.00	-8.58	100	328	Average	Horizontal		

Middle Channel (Vertical)



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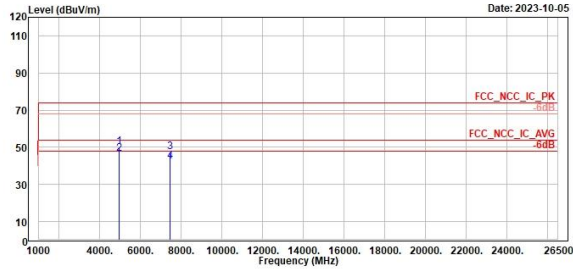
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4880.00	42.47	51.51	-9.04	74.00	-31.53	100	167	Peak	Vertical		
2	4880.00	37.86	46.90	-9.04	54.00	-16.14	100	167	Average	Vertical		
3	7320.00	50.12	57.20	-7.08	74.00	-23.88	330	360	Peak	Vertical		
4	7320.00	43.55	50.63	-7.08	54.00	-10.45	330	360	Average	Vertical		

BLE_1M

High Channel (Horizontal)



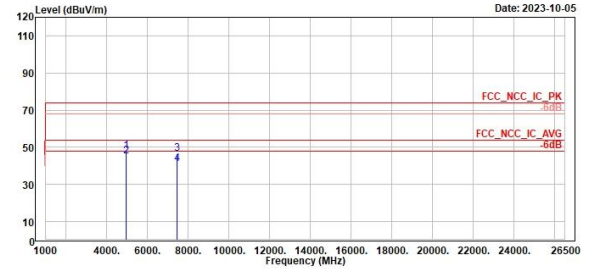
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 4960.00	50.22	59.06	-8.84	74.00	-23.78	400	46	Peak	Horizontal		
2 4960.00	46.72	55.56	-8.84	54.00	-7.28	400	46	Average	Horizontal		
3 7440.00	47.29	54.47	-7.18	74.00	-26.71	100	33	Peak	Horizontal		
4 7440.00	42.51	49.69	-7.18	54.00	-11.49	100	33	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 4960.00	47.82	56.66	-8.84	74.00	-26.18	400	123	Peak	Vertical		
2 4960.00	45.35	54.19	-8.84	54.00	-8.65	400	123	Average	Vertical		
3 7440.00	46.43	53.61	-7.18	74.00	-27.57	360	360	Peak	Vertical		
4 7440.00	40.89	48.07	-7.18	54.00	-13.11	360	360	Average	Vertical		

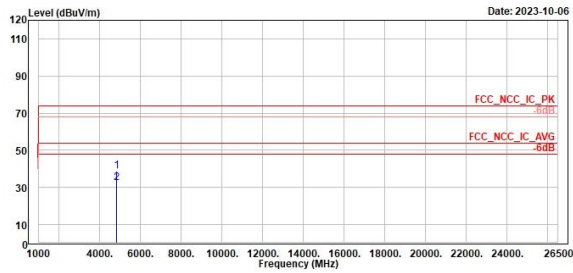
BLE_2M

Low Channel (Horizontal)

Low Channel (Vertical)



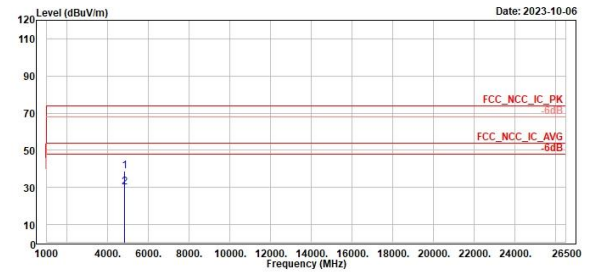
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	4888.00	38.98	48.00	-9.02	74.00	-35.02	300	19	Peak	Horizontal		
2	4888.00	32.56	41.58	-9.02	54.00	-21.44	300	19	Average	Horizontal		



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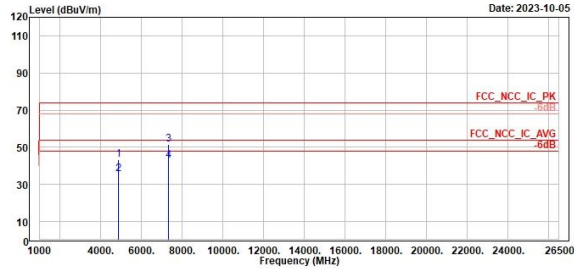
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	4888.00	38.69	47.71	-9.02	74.00	-35.31	118	360	Peak	Vertical		
2	4888.00	29.92	38.94	-9.02	54.00	-24.08	118	360	Average	Vertical		

BLE_2M

Middle Channel (Horizontal)



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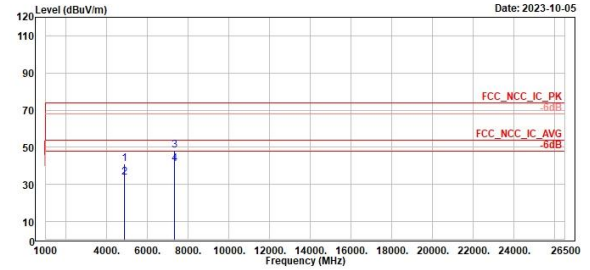


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4880.00	43.57	52.61	-9.04	74.00	-30.43	100	193	Peak	Horizontal		
2	4880.00	35.45	44.49	-9.04	54.00	-18.55	100	193	Average	Horizontal		
3	7320.00	51.65	58.73	-7.08	74.00	-22.35	100	335	Peak	Horizontal		
4	7320.00	42.76	49.84	-7.08	54.00	-11.24	100	335	Average	Horizontal		

Middle Channel (Vertical)



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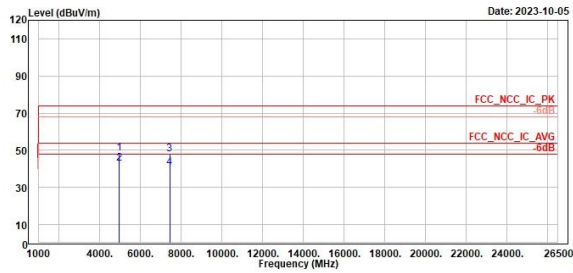
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4880.00	41.25	50.29	-9.04	74.00	-32.75	200	138	Peak	Vertical		
2	4880.00	33.54	42.58	-9.04	54.00	-20.46	200	138	Average	Vertical		
3	7320.00	48.26	55.34	-7.08	74.00	-25.74	297	360	Peak	Vertical		
4	7320.00	40.88	47.96	-7.08	54.00	-13.12	297	360	Average	Vertical		

BLE_2M

High Channel (Horizontal)



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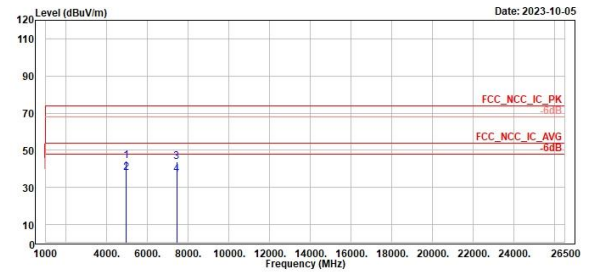


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4956.00	48.24	57.08	-8.84	74.00	-25.76		354	54	Peak	Horizontal	
2	4956.00	42.93	51.77	-8.84	54.00	-11.07		354	54	Average	Horizontal	
3	7434.00	47.69	54.87	-7.18	74.00	-26.31		100	40	Peak	Horizontal	
4	7434.00	40.48	47.66	-7.18	54.00	-13.52		100	40	Average	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	4956.00	44.16	53.00	-8.84	74.00	-29.84		225	163	Peak	Vertical	
2	4956.00	37.97	46.81	-8.84	54.00	-16.03		225	163	Average	Vertical	
3	7434.00	43.94	51.12	-7.18	74.00	-30.06		300	153	Peak	Vertical	
4	7434.00	37.02	44.20	-7.18	54.00	-16.98		300	153	Average	Vertical	

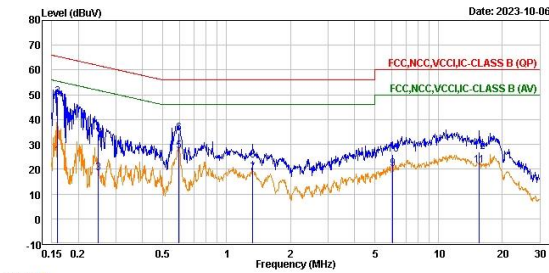
Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

(Line)



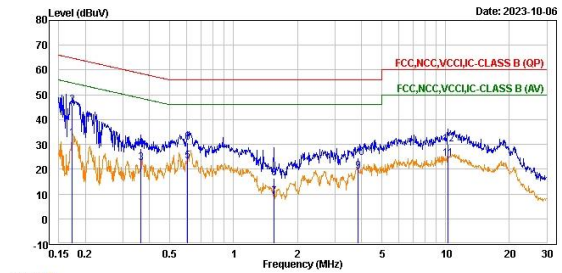
TÜV Rheinland Taiwan Ltd.
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Tel.: +886-2112-1000 Fax: +886-2112-1322



(Neutral)



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2nd Source, ECC Mode for Antenna No. 3
Band Edges, 2.31GHz ~ 2.9GHz

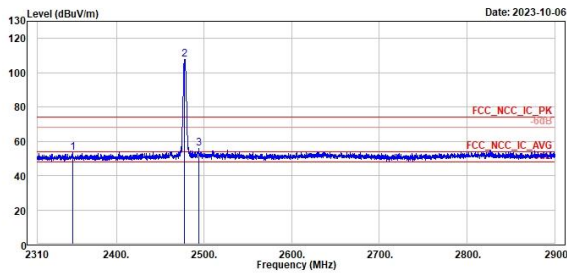
BLE_2M

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



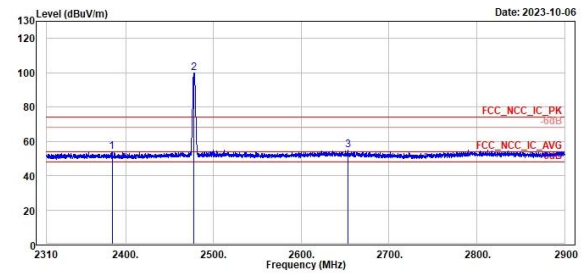
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	2358.12	53.45	16.24	37.21	74.00	-20.55		206		210 Peak	Horizontal	
2 *	2478.00	107.99	70.45	37.54	74.00	33.99		206		210 Peak	Horizontal	
3	2493.73	55.87	18.32	37.55	74.00	-18.13		206		210 Peak	Horizontal	



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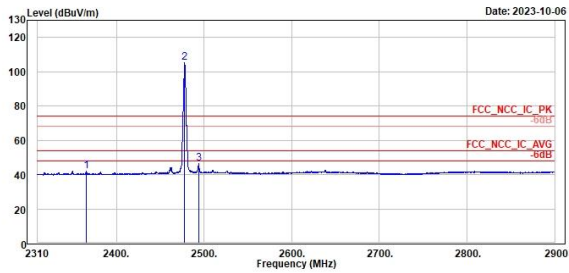
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	2384.58	53.74	16.57	37.17	74.00	-20.26		371		227 Peak	Vertical	
2 *	2478.00	99.74	62.20	37.54	74.00	25.74		371		227 Peak	Vertical	
3	2653.50	54.96	17.37	37.59	74.00	-19.04		371		227 Peak	Vertical	

BLE_2M

High Channel (Horizontal) Average



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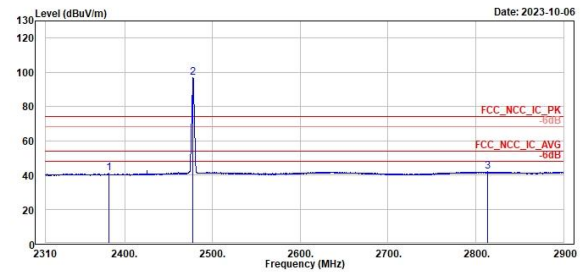


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2365.70	41.91	4.71	37.20	54.00	-12.09		206	210	Average	Horizontal	
2 *	2478.00	105.28	67.74	37.54	54.00	51.28		206	210	Average	Horizontal	
3	2493.96	46.29	8.74	37.55	54.00	-7.71		206	210	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	2381.98	40.85	3.67	37.18	54.00	-13.15		371	227	Average	Vertical	
2 *	2478.00	96.98	59.44	37.54	54.00	42.98		371	227	Average	Vertical	
3	2813.51	41.81	4.06	37.75	54.00	-12.19		371	227	Average	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

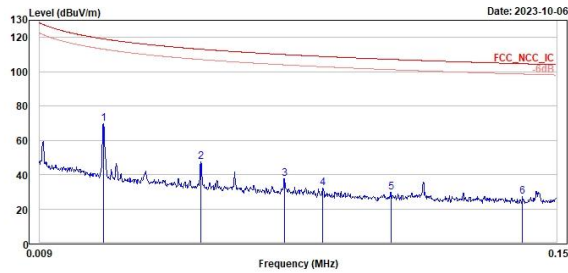
BLE_2M

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



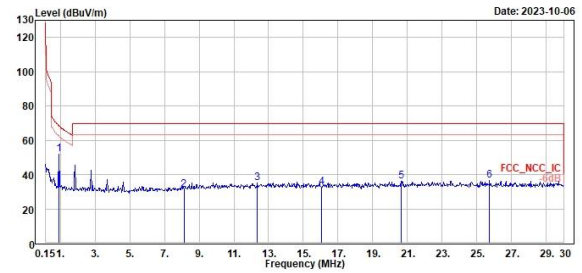
TÜV Rheinland Taiwan Ltd.
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	0.03	69.60	50.65	18.95	119.13	-49.53		100	170	Peak	Open	
2	0.05	47.44	28.40	19.04	113.11	-65.67		100	302	Peak	Open	
3	0.08	37.45	18.95	18.50	110.00	-72.55		100	168	Peak	Open	
4	0.09	32.24	13.99	18.25	108.88	-76.64		100	228	Peak	Open	
5	0.10	29.80	11.86	17.94	107.18	-77.38		100	165	Peak	Open	
6	0.14	27.03	8.95	18.08	104.63	-77.60		100	157	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	52.05	33.01	19.04	68.27	-16.22		100	203	Peak	Open	
2	8.12	31.25	10.45	20.80	69.50	-38.25		100	277	Peak	Open	
3	12.36	34.97	13.22	21.75	69.50	-34.53		100	316	Peak	Open	
4	16.06	32.86	10.85	22.01	69.50	-36.64		100	111	Peak	Open	
5	20.66	36.01	13.70	22.31	69.50	-33.40		100	281	Peak	Open	
6	25.73	36.76	14.41	22.35	69.50	-32.74		100	248	Peak	Open	

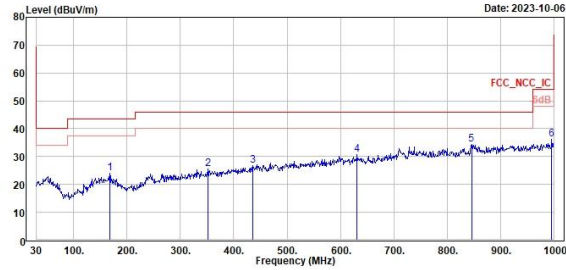
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_2M

High Channel (Horizontal)



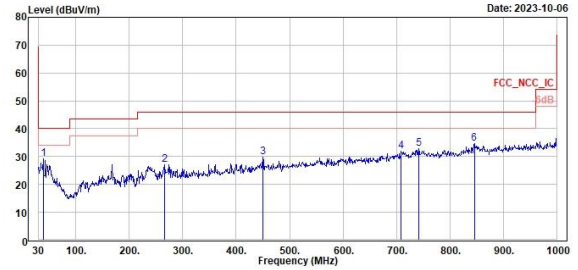
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	167.74	24.12	29.84	-5.72	43.50	-19.38		100	130	Peak	Horizontal	
2	351.07	25.41	29.27	-3.86	46.00	-20.59		100	144	Peak	Horizontal	
3	436.43	26.88	29.02	-2.14	46.00	-19.12		100	274	Peak	Horizontal	
4	631.40	30.59	29.56	1.03	46.00	-15.41		100	194	Peak	Horizontal	
5	845.77	34.43	30.33	4.10	46.00	-11.57		100	255	Peak	Horizontal	
6	996.12	36.22	29.99	6.23	54.00	-17.78		100	20	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	38.73	29.16	36.18	-7.02	40.00	-10.84		100	100	Peak	Vertical	
2	266.68	27.00	32.92	-5.92	46.00	-19.00		100	0	Peak	Vertical	
3	450.01	29.90	31.89	-1.99	46.00	-16.10		100	164	Peak	Vertical	
4	709.00	31.79	29.58	2.21	46.00	-14.21		100	96	Peak	Vertical	
5	741.90	32.78	29.95	2.83	46.00	-13.22		100	86	Peak	Vertical	
6	845.77	34.65	30.55	4.10	46.00	-11.35		100	34	Peak	Vertical	

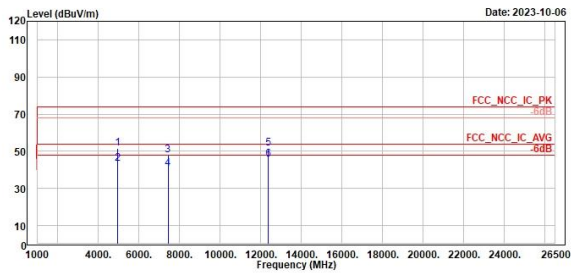
Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

BLE_2M

High Channel (Horizontal)



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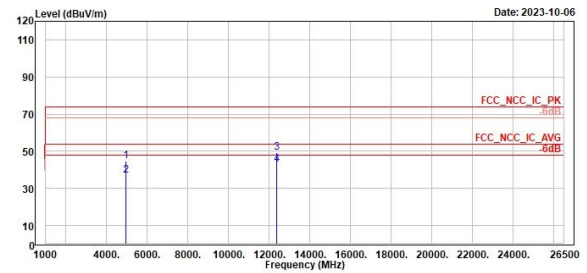


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4956.00	51.48	60.32	-8.84	74.00	-22.52	100	43	Peak	Horizontal	
2	4956.00	43.35	52.19	-8.84	54.00	-10.65	100	43	Average	Horizontal	
3	7434.00	47.90	55.08	-7.18	74.00	-26.10	100	346	Peak	Horizontal	
4	7434.00	40.65	47.83	-7.18	54.00	-13.35	100	346	Average	Horizontal	
5	12390.00	51.73	51.52	0.21	74.00	-22.27	100	270	Peak	Horizontal	
6	12390.00	45.69	45.48	0.21	54.00	-8.31	100	270	Average	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	44.51	53.35	-8.84	74.00	-29.49	200	176	Peak	Vertical	
2	4956.00	37.17	46.01	-8.84	54.00	-16.83	200	176	Average	Vertical	
3	12390.00	49.27	49.06	0.21	74.00	-24.73	100	77	Peak	Vertical	
4	12390.00	43.06	42.85	0.21	54.00	-10.94	100	77	Average	Vertical	

Main Source, Non-ECC Mode for Antenna No. 3

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

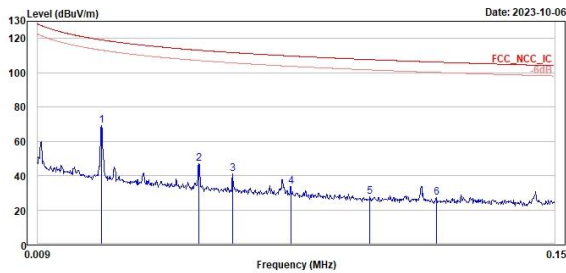
BLE_2M

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



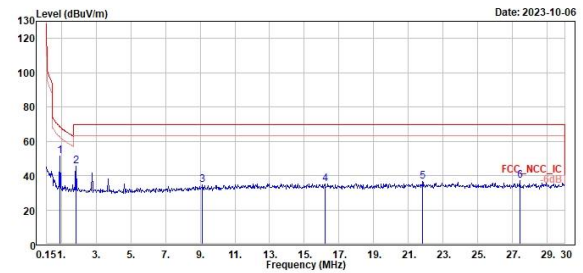
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.03	68.99	50.04	18.95	119.13	-50.14	100	244 Peak	Open
2	0.05	46.87	27.83	19.04	113.11	-66.24	100	44 Peak	Open
3	0.06	41.11	22.29	18.82	111.72	-70.61	100	42 Peak	Open
4	0.08	33.64	15.19	18.45	109.74	-76.10	100	237 Peak	Open
5	0.10	27.44	9.51	17.93	107.63	-80.19	100	16 Peak	Open
6	0.12	27.11	9.12	17.99	106.18	-79.07	100	321 Peak	Open



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.93	51.55	32.51	19.04	68.27	-16.72	100	131 Peak	Open
2	1.85	45.26	25.94	19.32	69.50	-24.24	100	131 Peak	Open
3	9.13	34.41	13.20	21.21	69.50	-35.09	100	348 Peak	Open
4	16.18	35.05	13.03	22.02	69.50	-34.45	100	69 Peak	Open
5	21.02	36.39	14.08	22.31	69.50	-33.11	100	181 Peak	Open
6	27.40	37.13	14.77	22.36	69.50	-32.37	100	333 Peak	Open

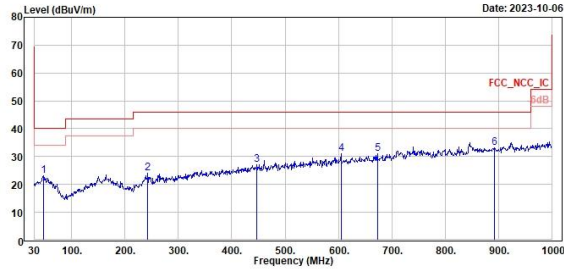
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_2M

High Channel (Horizontal)



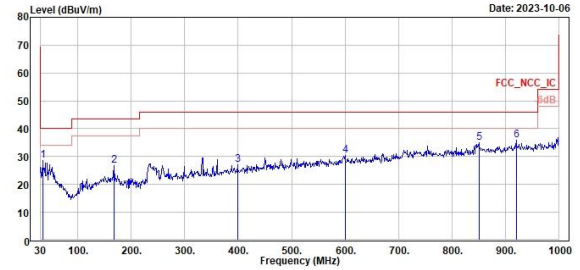
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	46.49	23.04	28.91	-5.87	40.00	-16.96		100	65	Peak	Horizontal	
2	242.43	23.98	30.53	-6.55	46.00	-22.02		100	120	Peak	Horizontal	
3	447.10	27.02	28.94	-1.92	46.00	-18.98		100	257	Peak	Horizontal	
4	605.21	30.92	30.54	0.38	46.00	-15.08		100	101	Peak	Horizontal	
5	673.11	30.94	29.53	1.41	46.00	-15.06		100	59	Peak	Horizontal	
6	893.30	33.10	28.52	4.58	46.00	-12.90		100	179	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	33.88	28.46	36.00	-7.54	40.00	-11.54		100	103	Peak	Vertical	
2	167.74	26.78	32.50	-5.72	43.50	-16.72		100	150	Peak	Vertical	
3	398.60	27.16	30.07	-2.91	46.00	-18.84		100	358	Peak	Vertical	
4	600.36	30.48	30.02	0.46	46.00	-15.52		100	39	Peak	Vertical	
5	850.62	34.99	30.95	4.04	46.00	-11.01		100	154	Peak	Vertical	
6	920.46	35.74	30.56	5.18	46.00	-10.26		100	28	Peak	Vertical	