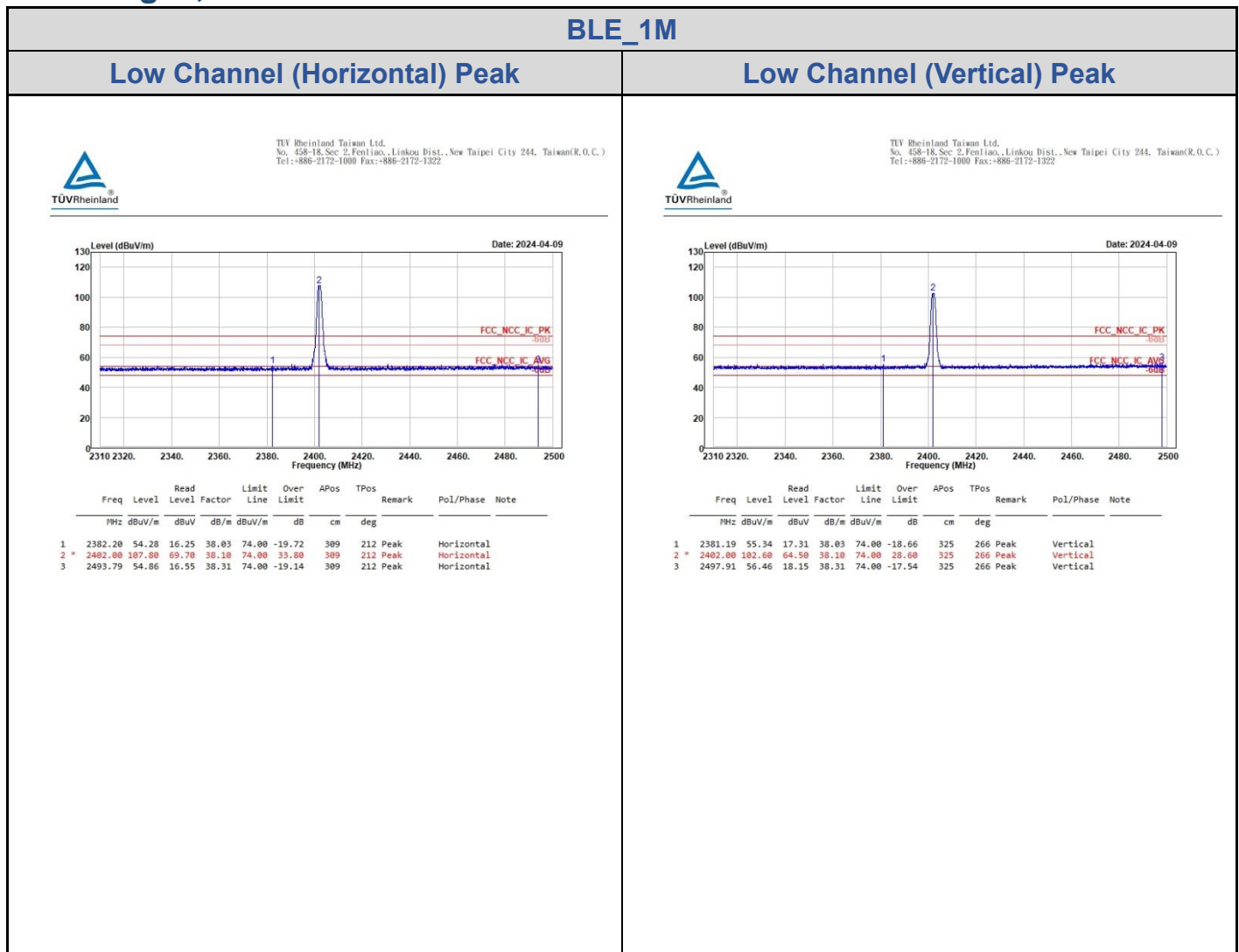


Appendix B: Test Results of Radiated Spurious Emissions & Mains

Conducted Emission Test

<Adapter A>

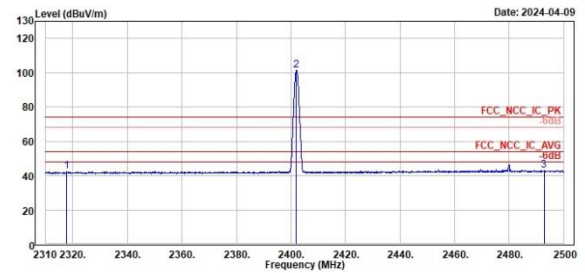
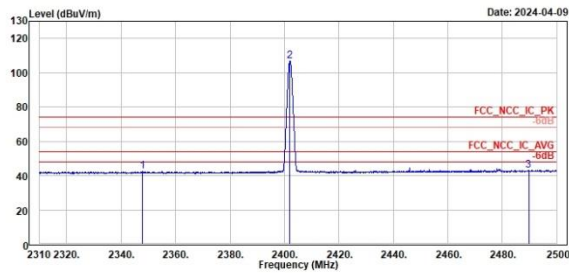
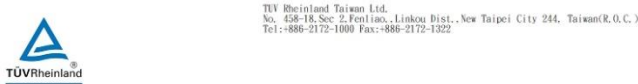
Band Edges, 2.31GHz ~ 2.9GHz



BLE_1M

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



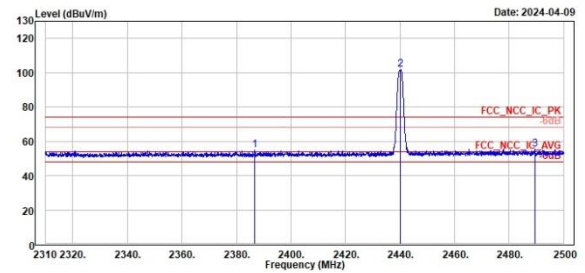
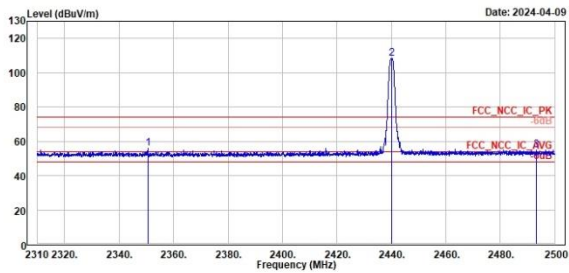
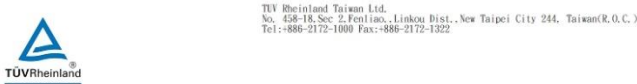
1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2347.75	42.37	4.45	37.92	54.00	-11.63	309	212 Average	Horizontal	
2402.00	106.00	68.70	38.10	54.00	52.00	309	212 Average	Horizontal	
2489.68	42.98	4.66	38.32	54.00	-11.02	309	212 Average	Horizontal	

1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2317.73	42.26	4.50	37.76	54.00	-11.74	325	266 Average	Vertical	
2402.00	101.45	63.35	38.10	54.00	47.45	325	266 Average	Vertical	
2492.78	43.06	4.75	38.31	54.00	-10.94	325	266 Average	Vertical	

BLE_1M

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



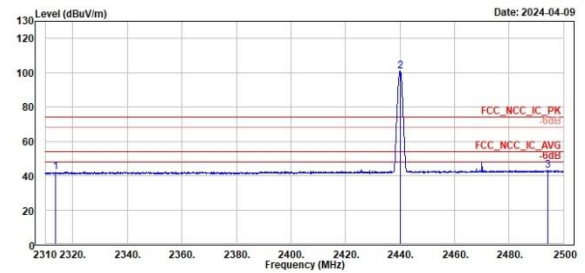
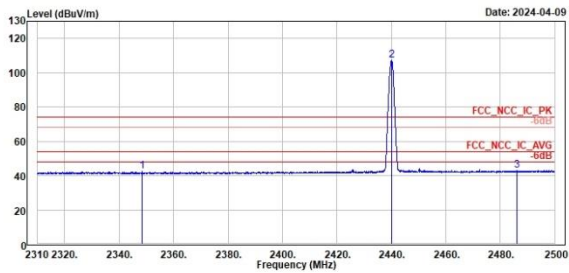
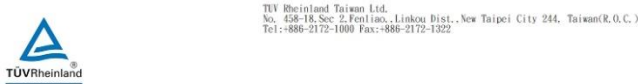
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2358.53	55.75	17.82	37.93	74.00	-18.25	384	200 Peak	Horizontal
2 *	2440.00	108.22	69.92	38.30	74.00	34.22	384	200 Peak	Horizontal
3	2493.29	55.09	16.78	38.31	74.00	-18.91	384	200 Peak	Horizontal

Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2386.82	54.78	16.74	38.04	74.00	-19.22	387	272 Peak	Vertical
2 *	2440.00	101.68	63.38	38.30	74.00	27.68	387	272 Peak	Vertical
3	2489.49	55.12	16.80	38.32	74.00	-18.68	387	272 Peak	Vertical

BLE_1M

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



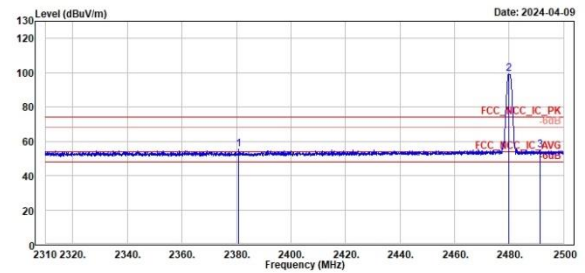
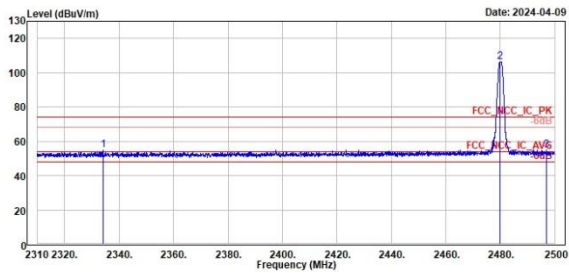
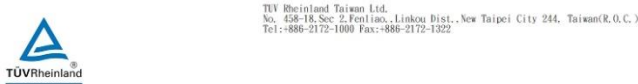
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2348.38	42.35	4.43	37.92	54.00	-11.65	384	200 Average	Horizontal
2 *	2440.00	107.09	68.79	38.30	54.00	53.09	384	200 average	Horizontal
3	2486.00	42.94	4.62	38.32	54.00	-11.06	384	200 Average	Horizontal

Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2313.61	42.15	4.41	37.74	54.00	-11.85	387	272 Average	Vertical
2 *	2440.00	100.88	62.58	38.30	54.00	46.88	387	272 Average	Vertical
3	2494.05	43.05	4.74	38.31	54.00	-10.95	387	272 Average	Vertical

BLE_1M

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



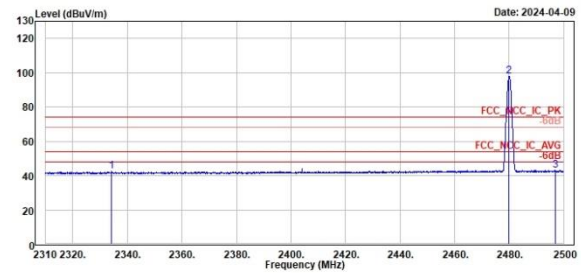
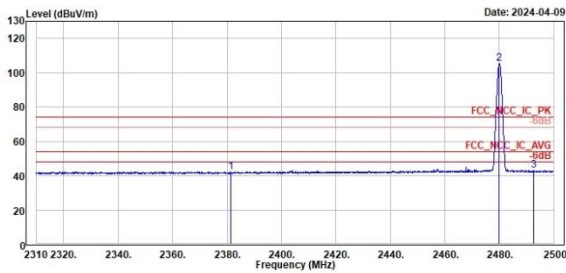
Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2334.07	54.79	16.94	37.85	74.00	-19.21	326	200	Peak	Horizontal	
2 *	2488.00	106.45	68.12	38.33	74.00	32.45	326	200	Peak	Horizontal	
3	2497.09	54.82	16.50	38.32	74.00	-19.18	326	200	Peak	Horizontal	

Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2388.81	55.13	17.10	38.03	74.00	-18.87	302	266	Peak	Vertical	
2 *	2488.00	99.29	60.96	38.33	74.00	25.29	302	266	Peak	Vertical	
3	2491.32	55.11	16.79	38.32	74.00	-18.89	302	266	Peak	Vertical	

BLE_1M

High Channel (Horizontal) Average

High Channel (Vertical) Average



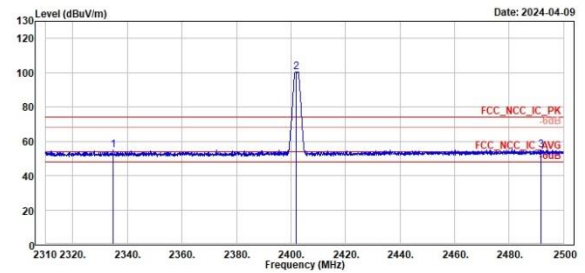
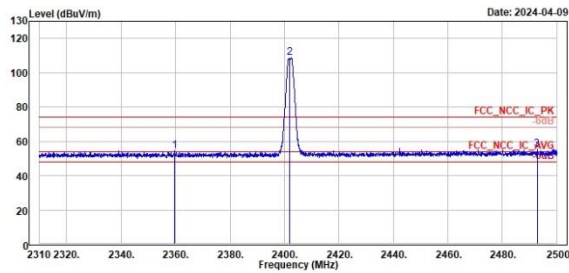
1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2381.38	42.18	4.15	38.03	54.00	-11.82	326	200 Average	Horizontal	
2480.00	105.28	66.87	38.33	54.00	51.28	326	200 Average	Horizontal	
2492.53	43.10	4.79	38.31	54.00	-10.90	326	200 Average	Horizontal	

1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2334.26	42.32	4.47	37.85	54.00	-11.68	302	266 Average	Vertical	
2480.00	97.79	59.46	38.33	54.00	43.79	302	266 Average	Vertical	
2497.09	43.11	4.79	38.32	54.00	-10.89	302	266 Average	Vertical	

BLE_2M

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



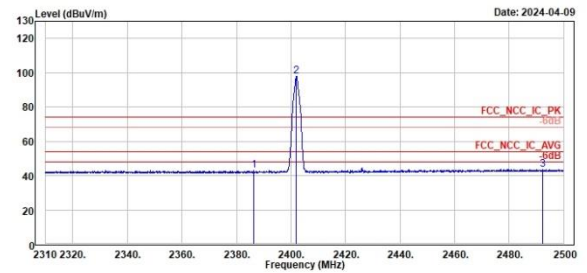
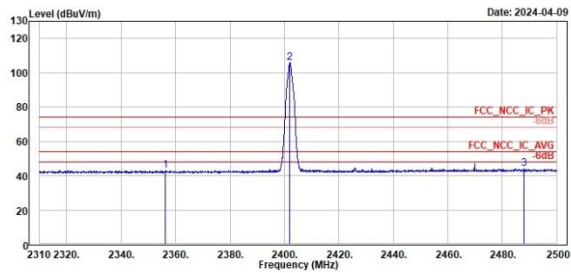
1	2	3							
Freq	Level	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2359.78	54.61	16.65	37.96	74.00	-19.39	306	202 Peak	Horizontal	
2402.00	108.50	70.40	38.10	74.00	34.50	306	202 Peak	Horizontal	
2492.78	55.38	17.07	38.31	74.00	-18.62	306	202 Peak	Horizontal	

1	2	3							
Freq	Level	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2334.76	54.94	17.09	37.85	74.00	-19.06	331	274 Peak	Vertical	
2402.00	100.56	62.46	38.10	74.00	26.56	331	274 Peak	Vertical	
2491.58	54.96	16.64	38.32	74.00	-19.04	331	274 Peak	Vertical	

BLE_2M

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



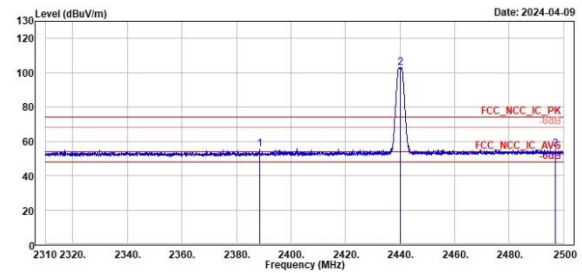
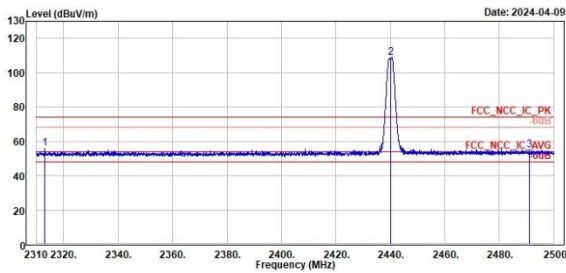
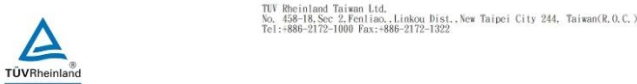
1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2356.17	42.87	4.92	37.95	54.00	-11.13	386	282 Average	Horizontal	
2402.00	105.65	67.55	38.10	54.00	51.65	386	282 Average	Horizontal	
2488.09	43.99	5.67	38.32	54.00	-10.01	386	282 Average	Horizontal	

1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2386.25	42.79	4.75	38.04	54.00	-11.21	331	274 Average	Vertical	
2402.00	97.88	59.78	38.10	54.00	43.88	331	274 Average	Vertical	
2492.34	43.61	5.29	38.32	54.00	-10.39	331	274 Average	Vertical	

BLE_2M

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2313.17	55.72	17.98	37.74	74.00	-18.28	335	202	Peak	Horizontal	
2 *	2440.00	108.68	70.38	38.30	74.00	34.68	335	202	Peak	Horizontal	
3	2491.01	55.06	16.74	38.32	74.00	-18.94	335	202	Peak	Horizontal	

Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2388.53	55.12	17.06	38.06	74.00	-18.88	354	267	Peak	Vertical	
2 *	2440.00	102.76	64.46	38.30	74.00	28.76	354	267	Peak	Vertical	
3	2496.90	55.29	16.97	38.32	74.00	-18.71	354	267	Peak	Vertical	

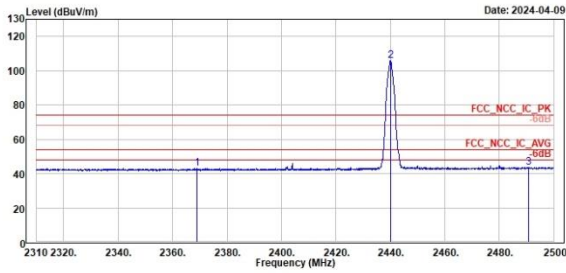
BLE_2M

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



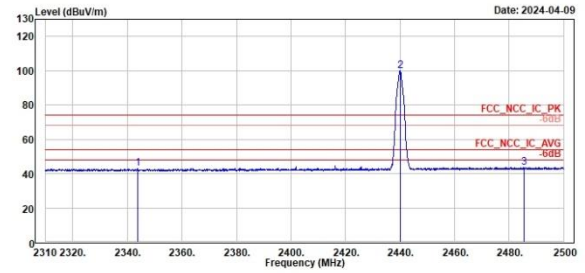
TÜV Rheinland Taiwan Ltd.
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1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2368.04	43.17	5.18	37.99	54.00	-10.83	335	202 Average	Horizontal	
2440.00	105.83	67.53	38.30	54.00	51.83	335	202 Average	Horizontal	
2490.63	43.67	5.35	38.32	54.00	-10.33	335	202 Average	Horizontal	



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1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2343.69	43.04	5.15	37.89	54.00	-10.96	354	267 Average	Vertical	
2440.00	100.09	61.79	38.30	54.00	46.09	354	267 Average	Vertical	
2485.50	43.73	5.41	38.32	54.00	-10.27	354	267 Average	Vertical	

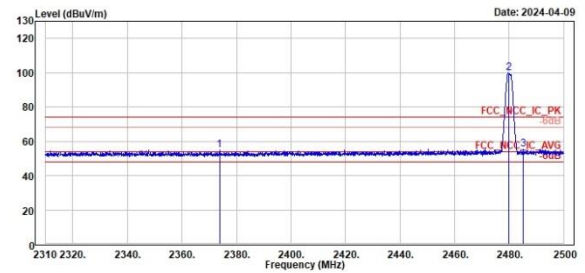
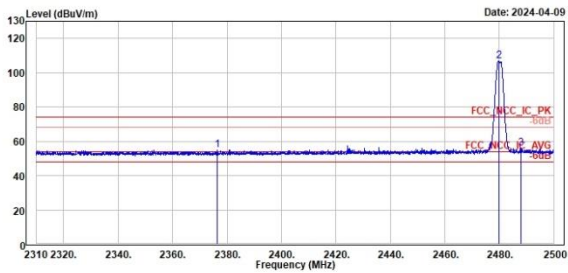
BLE_2M

High Channel (Horizontal) Peak

High Channel (Vertical) Peak

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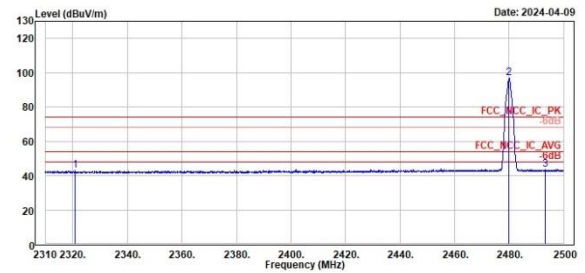
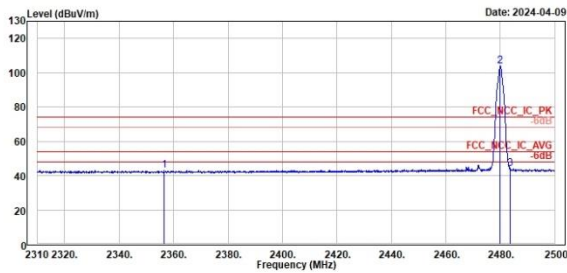
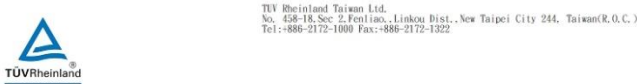
1	2	3
2375.37	2480.00	2487.84
54.97	106.82	56.02
16.96	68.49	17.70
38.01	38.33	38.32
74.00	74.00	74.00
-19.03	32.82	-17.98
329	329	329
204 Peak	204 Peak	204 Peak
Horizontal	Horizontal	Horizontal

1	2	3
2373.70	2480.00	2485.24
54.98	99.77	55.51
16.97	61.44	17.19
38.01	38.33	38.32
74.00	74.00	74.00
-19.02	25.77	-18.49
339	339	339
267 Peak	267 Peak	267 Peak
Vertical	Vertical	Vertical

BLE_2M

High Channel (Horizontal) Average

High Channel (Vertical) Average



1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2356.61	43.08	5.13	37.95	54.00	-10.92	329	204 Average	Horizontal	
2480.00	101.79	65.46	38.33	54.00	49.79	329	204 Average	Horizontal	
2483.53	43.82	5.50	38.32	54.00	-10.18	329	204 Average	Horizontal	

1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2320.96	42.77	4.99	37.78	54.00	-11.23	339	267 Average	Vertical	
2480.00	96.67	58.34	38.33	54.00	42.67	339	267 Average	Vertical	
2493.35	43.44	5.13	38.31	54.00	-10.56	339	267 Average	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

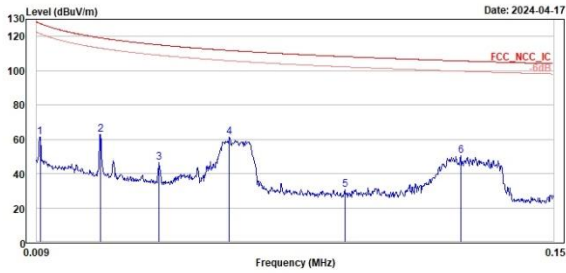
BLE_2M

Middle Channel (Open) 9kHz~150kHz

Middle Channel (Open) 150kHz~30MHz



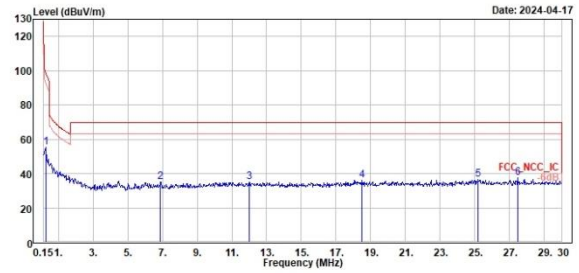
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.01	61.44	43.13	18.31	127.50	-66.15	100	189	Peak	Open	
2	0.03	62.74	42.93	19.81	119.13	-56.39	100	197	Peak	Open	
3	0.04	46.50	26.99	19.51	115.07	-68.57	100	298	Peak	Open	
4	0.06	61.11	42.32	18.79	111.80	-50.69	100	221	Peak	Open	
5	0.09	30.71	12.13	18.58	108.22	-77.51	100	246	Peak	Open	
6	0.12	50.20	31.54	18.66	105.09	-55.49	100	242	Peak	Open	



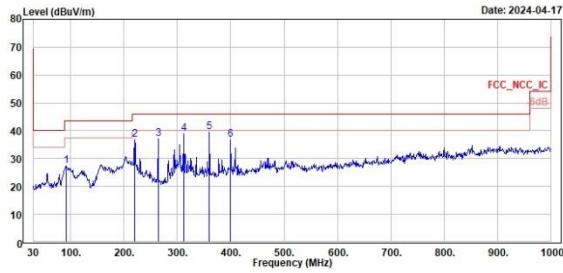
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.27	55.53	36.48	19.05	98.99	-43.46	100	239	Peak	Open	
2	6.90	35.23	14.38	20.85	69.50	-34.27	100	230	Peak	Open	
3	12.00	35.10	13.59	21.51	69.50	-34.40	100	156	Peak	Open	
4	18.51	36.01	13.59	22.42	69.50	-33.49	100	326	Peak	Open	
5	25.19	36.61	13.68	22.93	69.50	-32.89	100	8	Peak	Open	
6	27.46	37.45	14.63	22.82	69.50	-32.05	100	170	Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz
BLE_2M
Middle Channel (Horizontal)
Middle Channel (Vertical)

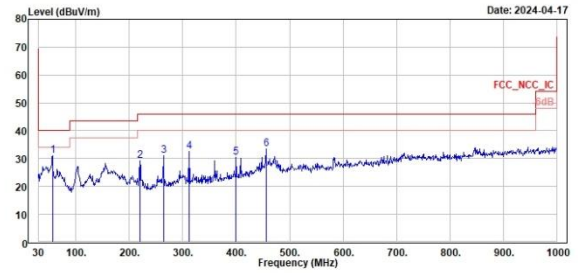

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Peak	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	91.11	27.23	39.64	-12.41	43.50	-16.27	100	387 Peak	Horizontal	
2	229.12	36.89	45.52	-8.63	46.00	-9.11	100	242 Peak	Horizontal	
3	263.77	37.23	43.96	-6.73	46.00	-8.77	100	296 Peak	Horizontal	
4	312.27	38.97	44.36	-5.39	46.00	-7.03	100	261 Peak	Horizontal	
5	359.80	39.53	43.84	-4.31	46.00	-6.47	100	166 Peak	Horizontal	
6	399.57	36.76	40.31	-3.55	46.00	-9.24	100	68 Peak	Horizontal	



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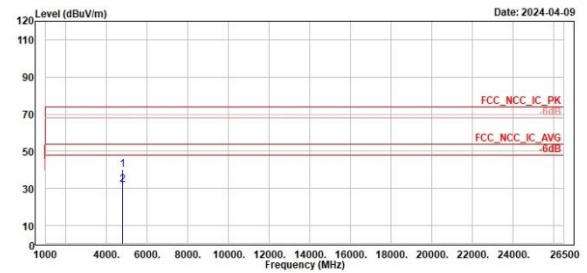
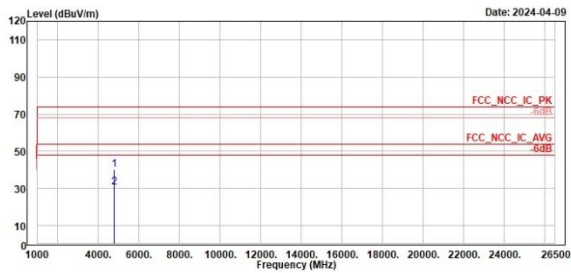
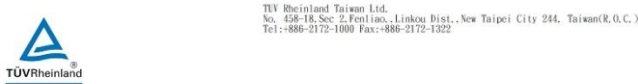
Peak	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	56.19	31.09	37.35	-6.26	40.00	-8.91	100	297 Peak	Vertical	
2	229.12	29.23	37.86	-8.63	46.00	-16.77	100	159 Peak	Vertical	
3	263.77	31.04	37.77	-6.73	46.00	-14.96	100	151 Peak	Vertical	
4	312.27	32.52	37.91	-5.39	46.00	-13.48	100	187 Peak	Vertical	
5	399.57	30.30	33.85	-3.55	46.00	-15.70	100	191 Peak	Vertical	
6	455.83	33.48	36.01	-2.53	46.00	-12.52	100	185 Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

BLE_1M

Low Channel (Horizontal)

Low Channel (Vertical)



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	4884.00	48.28	48.29	-8.01	74.00	-33.72	250	360 Peak	Horizontal	
2	4884.00	30.55	30.56	-8.01	54.00	-23.45	250	360 Average	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4884.00	40.32	48.33	-8.01	74.00	-33.68	150	360 Peak	Vertical	
2	4884.00	32.10	40.11	-8.01	54.00	-21.90	150	360 Average	Vertical	

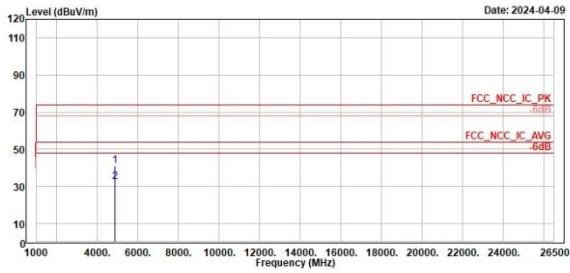
BLE_1M

Middle Channel (Horizontal)

Middle Channel (Vertical)



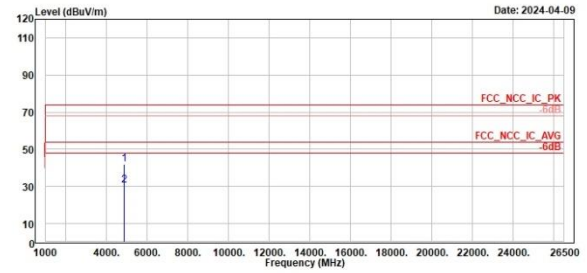
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4888.00	48.84	48.76	-7.92	74.00	-33.15	480	270 Peak	Horizontal	
2	4888.00	32.50	40.42	-7.92	54.00	-21.50	480	270 Average	Horizontal	



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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4888.00	41.88	49.80	-7.92	74.00	-32.12	480	360 Peak	Vertical	
2	4888.00	30.48	38.40	-7.92	54.00	-23.52	480	360 Average	Vertical	

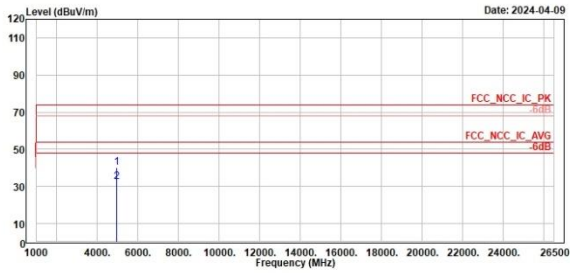
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



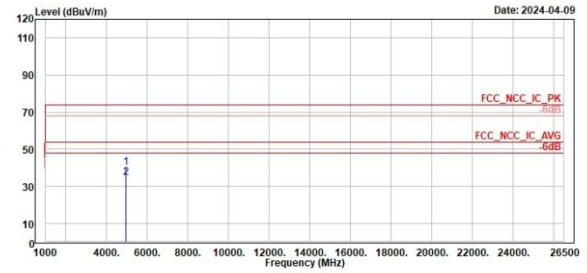
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Read	Level	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
Freq	Level	Factor	Line	Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4968.00	48.31	48.10	-7.79	74.00	-33.69	280	121 Peak	Horizontal
2	4968.00	32.55	40.34	-7.79	54.00	-21.45	280	121 Average	Horizontal



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Read	Level	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
Freq	Level	Factor	Line	Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4968.00	40.11	47.90	-7.79	74.00	-33.89	180	77 Peak	Vertical
2	4968.00	34.52	42.31	-7.79	54.00	-19.48	180	77 Average	Vertical

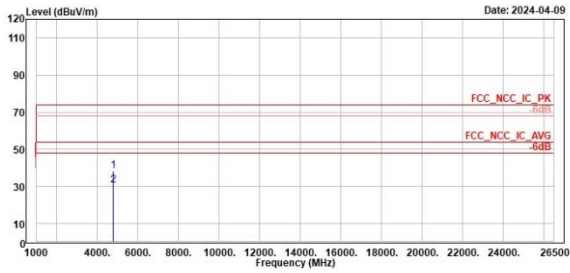
BLE_2M

Low Channel (Horizontal)

Low Channel (Vertical)



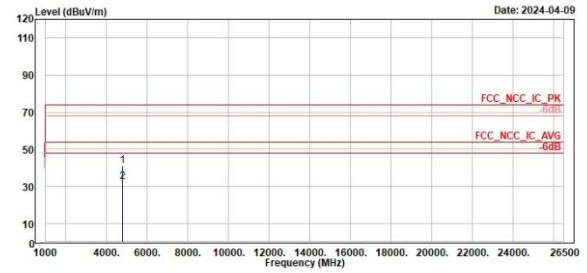
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4894.00	38.45	46.46	-8.01	74.00	-35.55	180	6 Peak	Horizontal	
2	4894.00	38.38	38.39	-8.01	54.00	-23.62	180	6 Average	Horizontal	



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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4894.00	41.19	49.28	-8.01	74.00	-32.81	180	197 Peak	Vertical	
2	4894.00	32.19	48.28	-8.01	54.00	-21.61	180	197 Average	Vertical	

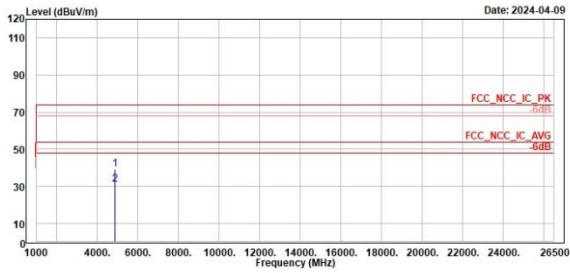
BLE_2M

Middle Channel (Horizontal)

Middle Channel (Vertical)



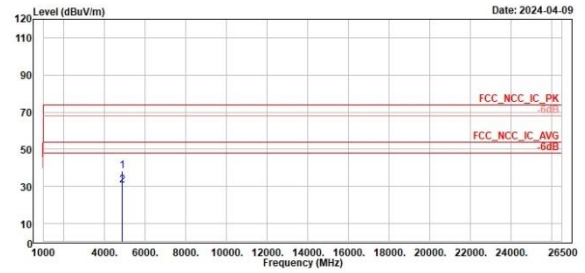
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Read	Level	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
Freq	Level	Factor	Line	Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4888.00	39.35	47.27	-7.92	74.00	-34.65	180	182 Peak	Horizontal
2	4888.00	31.04	38.96	-7.92	54.00	-22.96	180	182 Average	Horizontal



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Read	Level	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
Freq	Level	Factor	Line	Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4888.00	38.23	46.15	-7.92	74.00	-35.77	280	368 Peak	Vertical
2	4888.00	30.49	38.41	-7.92	54.00	-23.51	280	368 Average	Vertical

BLE_2M

High Channel (Horizontal)

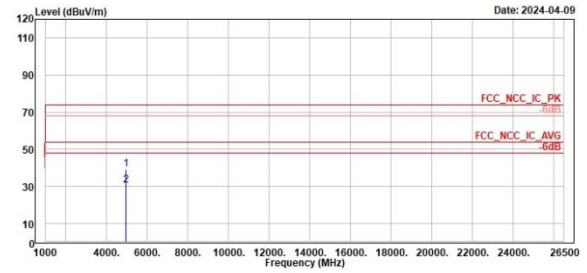
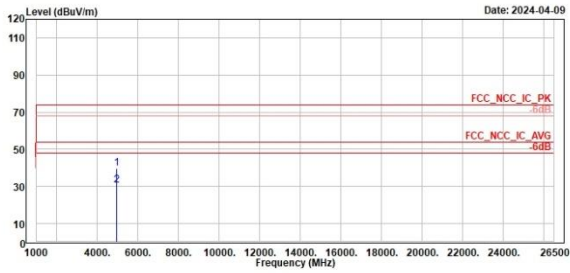
High Channel (Vertical)



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Read	Level	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
Freq	Level	Factor	Line	Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4968.00	39.63	47.42	-7.79	74.00	-34.37	180	233 Peak	Horizontal
2	4968.00	30.77	38.56	-7.79	54.00	-23.23	180	233 Average	Horizontal

Read	Level	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
Freq	Level	Level Factor	Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4968.00	39.06	46.85	-7.79	74.00	-34.94	280	368 Peak	Vertical
2	4968.00	30.70	38.49	-7.79	54.00	-23.30	280	368 Average	Vertical

Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

(Line)

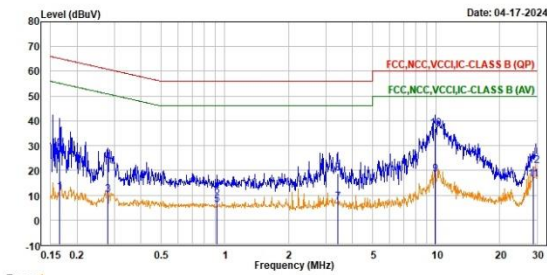
(Neutral)



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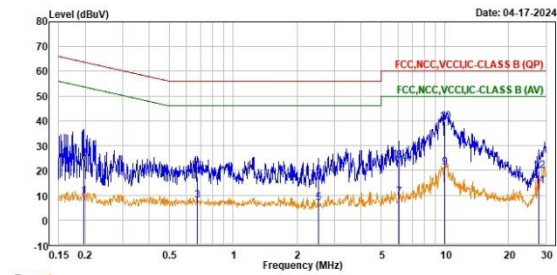


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Trace: 1

Line	Freq	Level	Read Level	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.17	11.33	1.71	9.62	55.17	-43.84	Average	line1	
2	0.17	28.62	19.00	9.62	65.17	-36.55	QP	line1	
3	0.28	18.21	8.59	9.62	58.87	-40.66	Average	line1	
4	0.28	23.23	13.61	9.62	68.87	-37.64	QP	line1	
5	0.92	5.94	-3.70	9.64	46.00	-40.06	Average	line1	
6	0.92	9.43	-0.21	9.64	56.00	-46.57	QP	line1	
7	3.41	6.96	-2.72	9.68	46.00	-39.04	Average	line1	
8	3.41	18.65	8.97	9.68	56.00	-37.35	QP	line1	
9	9.92	18.40	8.64	9.76	58.00	-31.60	Average	line1	
10	9.92	36.78	27.02	9.76	68.00	-23.22	QP	line1	
11	28.68	16.31	6.57	9.74	58.00	-33.69	Average	line1	
12	28.68	21.69	11.95	9.74	68.00	-38.31	QP	line1	



Trace: 1

Line	Freq	Level	Read Level	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.20	9.46	-0.16	9.62	53.72	-44.26	Average	neutral	
2	0.20	24.66	15.04	9.62	63.72	-39.06	QP	neutral	
3	0.68	7.72	-1.91	9.63	46.00	-38.28	Average	neutral	
4	0.68	17.49	7.86	9.63	56.00	-38.51	QP	neutral	
5	2.52	6.71	-2.96	9.67	46.00	-39.29	Average	neutral	
6	2.52	17.65	7.98	9.67	56.00	-38.35	QP	neutral	
7	6.09	9.28	-0.46	9.74	58.00	-48.72	Average	neutral	
8	6.09	23.98	14.16	9.74	68.00	-36.18	QP	neutral	
9	18.02	28.98	11.19	9.79	58.00	-29.02	Average	neutral	
10	18.02	39.74	29.95	9.79	68.00	-28.26	QP	neutral	
11	27.84	13.71	3.83	9.88	58.00	-36.29	Average	neutral	
12	27.84	19.76	9.88	9.88	68.00	-48.24	QP	neutral	

<Adapter A + Adapter B>
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

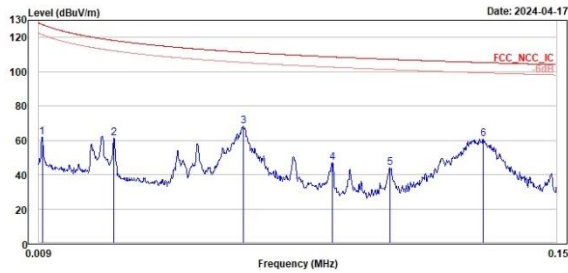
BLE_2M

Middle Channel (Open) 9kHz~150kHz

Middle Channel (Open) 150kHz~30MHz



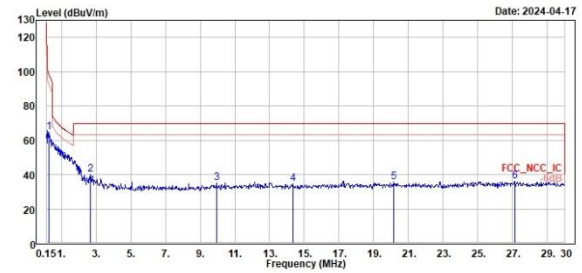
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.01	61.97	43.66	18.31	127.60	-65.63	100	18	Peak	Open	
2	0.03	61.20	41.39	19.81	118.21	-57.01	100	190	Peak	Open	
3	0.06	68.30	49.54	18.76	111.38	-43.08	100	179	Peak	Open	
4	0.09	46.88	28.28	18.60	108.61	-61.73	100	188	Peak	Open	
5	0.10	43.77	25.23	18.54	107.21	-63.44	100	209	Peak	Open	
6	0.13	60.99	42.30	18.69	105.32	-44.33	100	188	Peak	Open	

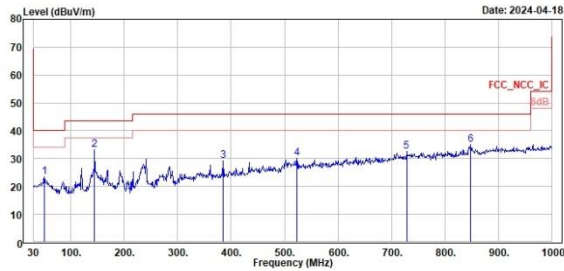


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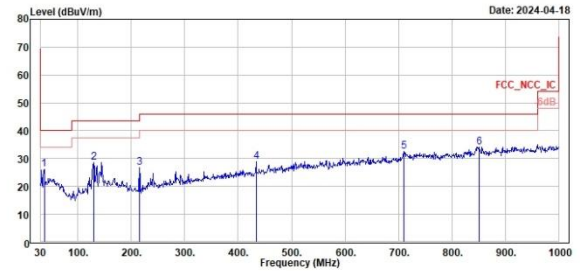


Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.27	64.65	45.60	19.05	98.99	-34.34	100	188	Peak	Open	
2	2.69	40.13	21.07	19.06	69.50	-29.37	100	188	Peak	Open	
3	9.94	34.67	13.71	21.16	69.50	-34.63	100	206	Peak	Open	
4	14.36	34.41	13.04	21.37	69.50	-35.09	100	348	Peak	Open	
5	20.15	35.43	12.98	22.45	69.50	-34.07	100	141	Peak	Open	
6	27.13	36.22	13.40	22.82	69.50	-33.28	100	342	Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz
BLE_2M
Middle Channel (Horizontal)
Middle Channel (Vertical)

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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	50.37	23.36	29.33	-5.97	40.00	-16.64	100	360	Peak	Horizontal	
2	144.46	31.00	39.80	-6.72	43.50	-10.42	200	276	Peak	Horizontal	
3	385.02	29.13	32.86	-3.73	46.00	-16.87	100	184	Peak	Horizontal	
4	522.76	30.00	31.15	-1.15	46.00	-16.00	200	145	Peak	Horizontal	
5	728.40	32.66	30.47	2.19	46.00	-13.34	200	276	Peak	Horizontal	
6	848.68	35.01	30.94	4.07	46.00	-10.99	100	274	Peak	Horizontal	


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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	36.79	26.04	33.61	-7.57	40.00	-13.96	100	128	Peak	Vertical	
2	128.94	28.64	37.05	-8.41	43.50	-14.86	300	279	Peak	Vertical	
3	215.27	26.64	35.46	-8.82	43.50	-16.86	100	178	Peak	Vertical	
4	433.52	28.82	31.63	-2.81	46.00	-17.18	100	200	Peak	Vertical	
5	709.97	32.40	30.13	2.27	46.00	-13.60	200	164	Peak	Vertical	
6	850.62	34.09	30.05	4.04	46.00	-11.91	300	359	Peak	Vertical	

Mains Conducted Emission, TX 150kHz ~ 30MHz

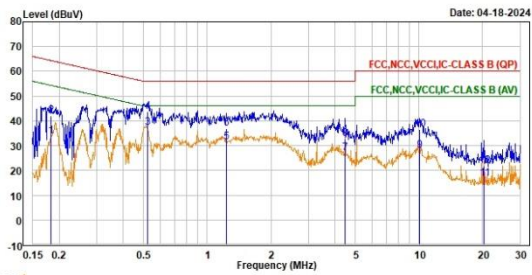
Worst Band

(Line)

(Neutral)



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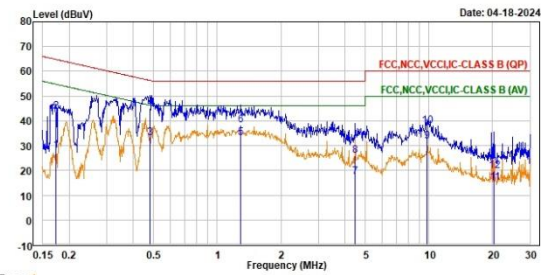


Trace: 1

Line	Freq (MHz)	Level (dBuV)	Read Level (dBuV)	Factor (dB)	Limit Line (dB)	Over Limit (dB)	Remark	Pol/Phase	Note
1	0.18	33.88	24.26	9.62	54.34	-20.46	Average	line1	
2	0.18	42.14	32.52	9.62	64.34	-22.20	QP	line1	
3	0.52	37.12	27.49	9.63	46.00	-8.88	Average	line1	
4	0.52	43.79	34.16	9.63	56.00	-12.21	QP	line1	
5	1.23	31.43	21.79	9.64	46.00	-14.57	Average	line1	
6	1.23	36.93	27.29	9.64	56.00	-19.07	QP	line1	
7	4.49	27.07	17.37	9.70	46.00	-18.93	Average	line1	
8	4.49	32.93	23.23	9.70	56.00	-23.07	QP	line1	
9	10.07	28.10	18.34	9.76	50.00	-21.90	Average	line1	
10	10.07	36.48	26.72	9.76	60.00	-23.52	QP	line1	
11	20.34	16.66	6.89	9.77	50.00	-33.34	Average	line1	
12	20.34	21.66	11.89	9.77	60.00	-38.34	QP	line1	



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Trace: 1

Line	Freq (MHz)	Level (dBuV)	Read Level (dBuV)	Factor (dB)	Limit Line (dB)	Over Limit (dB)	Remark	Pol/Phase	Note
1	0.17	27.90	18.28	9.62	54.84	-26.94	Average	neutral	
2	0.17	43.68	34.06	9.62	64.84	-21.16	QP	neutral	
3	0.48	33.28	23.65	9.63	46.31	-13.03	Average	neutral	
4	0.48	45.04	35.41	9.63	56.31	-11.27	QP	neutral	
5	1.29	33.09	23.45	9.64	46.00	-12.91	Average	neutral	
6	1.29	38.33	28.69	9.64	56.00	-17.67	QP	neutral	
7	4.49	17.36	7.65	9.71	46.00	-28.64	Average	neutral	
8	4.49	25.90	16.19	9.71	56.00	-30.10	QP	neutral	
9	9.82	31.05	22.06	9.79	50.00	-18.15	Average	neutral	
10	9.82	38.07	28.28	9.79	60.00	-21.93	QP	neutral	
11	20.34	14.90	5.04	9.86	50.00	-35.10	Average	neutral	
12	20.34	19.65	9.79	9.86	60.00	-40.35	QP	neutral	