

Appendix B: Test Results of Radiated Spurious Emissions & Mains

Radiated Emission Test for Main Model No. DK-9178C

ANTX100ETHAB24553

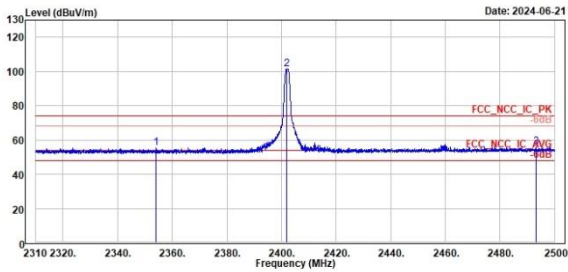
Band Edges, 2.31GHz ~ 2.5GHz

BLE_1M

Low Channel (Horizontal) Peak



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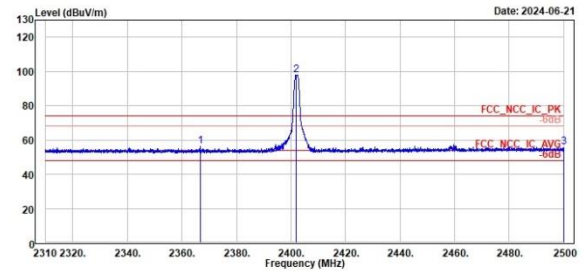


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2354.18	55.44	17.49	37.95	74.00	-18.56		373	354 Peak	Horizontal		
2 *	2402.00	101.47	63.37	38.10	74.00	27.47		373	354 Peak	Horizontal		
3	2493.16	55.88	17.57	38.31	74.00	-18.12		373	354 Peak	Horizontal		

Low Channel (Vertical) Peak



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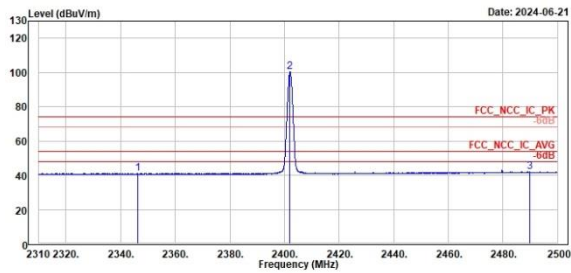
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2366.67	56.16	18.18	37.98	74.00	-17.84		330	262 Peak	Vertical		
2 *	2402.00	97.85	59.75	38.10	74.00	23.85		330	262 Peak	Vertical		
3	2499.95	55.79	17.48	38.31	74.00	-18.21		330	262 Peak	Vertical		

BLE_1M

Low Channel (Horizontal) Average



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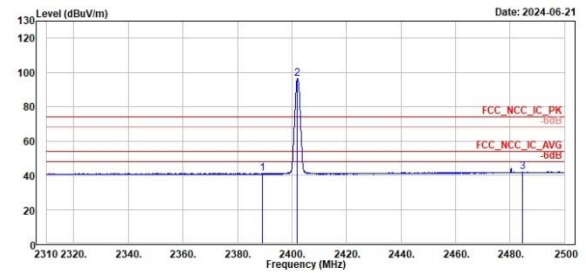


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2346.20	41.17	3.26	37.91	54.00	-12.83	373	354	Average	Horizontal	
2 *	2402.00	100.39	62.29	38.10	54.00	46.39	373	354	Average	Horizontal	
3	2489.84	41.86	3.54	38.32	54.00	-12.14	373	354	Average	Horizontal	

Low Channel (Vertical) Average



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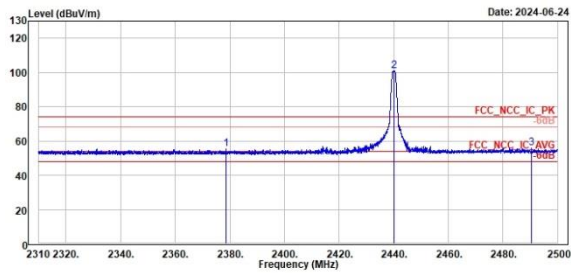
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2389.28	41.24	3.18	38.06	54.00	-12.76	330	262	Average	Vertical	
2 *	2402.00	96.57	58.47	38.10	54.00	42.57	330	262	Average	Vertical	
3	2484.56	41.92	3.60	38.32	54.00	-12.08	330	262	Average	Vertical	

BLE_1M

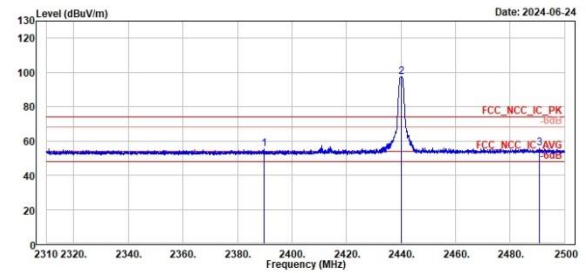
Middle Channel (Horizontal) Peak



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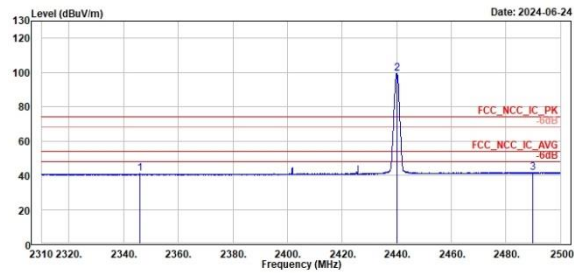


BLE_1M

Middle Channel (Horizontal) Average



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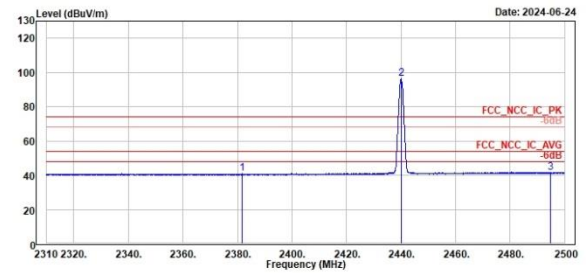


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2346.05	40.80	2.89	37.91	54.00	-13.20	293	334	Average	Horizontal	
2 *	2440.00	99.36	61.06	38.30	54.00	45.36	293	334	Average	Horizontal	
3	2489.93	41.62	3.30	38.32	54.00	-12.38	293	334	Average	Horizontal	

Middle Channel (Vertical) Average



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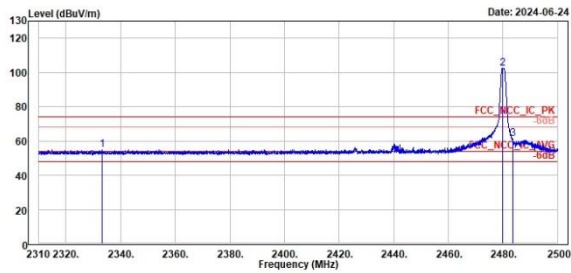
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2361.82	40.82	2.79	38.03	54.00	-13.18	317	259	Average	Vertical	
2 *	2440.00	96.44	58.14	38.30	54.00	42.44	317	259	Average	Vertical	
3	2494.87	41.65	3.34	38.31	54.00	-12.35	317	259	Average	Vertical	

BLE_1M

High Channel (Horizontal) Peak



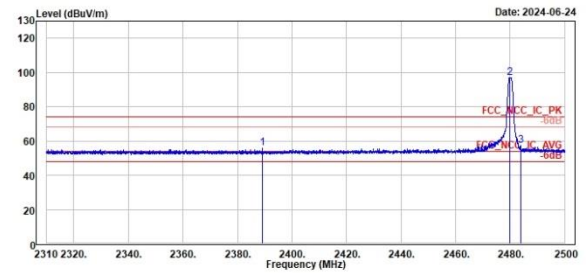
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2333.13	54.92	17.08	37.84	74.00	-19.08	277	190	Peak	Horizontal		
2 *	2480.00	102.47	64.14	38.33	74.00	28.47	277	190	Peak	Horizontal		
3	2483.61	61.33	23.01	38.32	74.00	-12.67	277	190	Peak	Horizontal		



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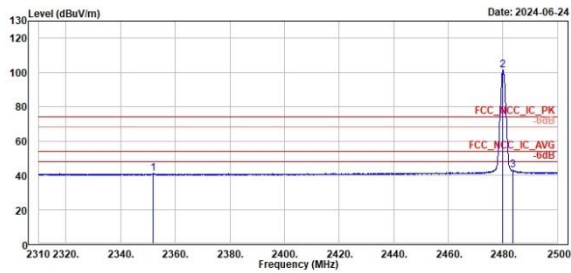
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.09	55.66	17.00	38.06	74.00	-18.34	351	261	Peak	Vertical		
2 *	2480.00	96.91	58.58	38.33	74.00	22.91	351	261	Peak	Vertical		
3	2483.90	57.19	18.87	38.32	74.00	-16.81	351	261	Peak	Vertical		

BLE_1M

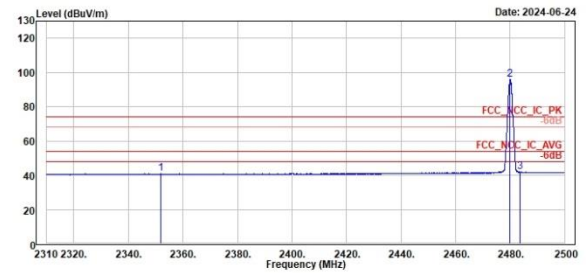
High Channel (Horizontal) Average



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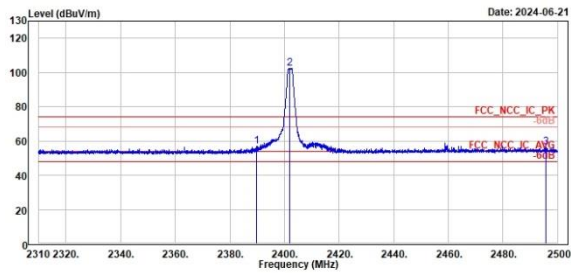


BLE_2M

Low Channel (Horizontal) Peak



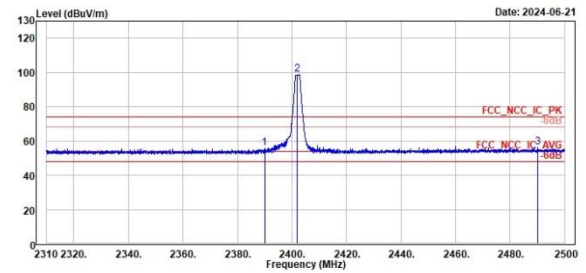
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.05	56.99	18.93	38.06	74.00	-17.01	372	355	Peak	Horizontal	
2 *	2402.00	102.26	64.16	38.10	74.00	28.26	372	355	Peak	Horizontal	
3	2495.82	56.57	18.26	38.31	74.00	-17.43	372	355	Peak	Horizontal	



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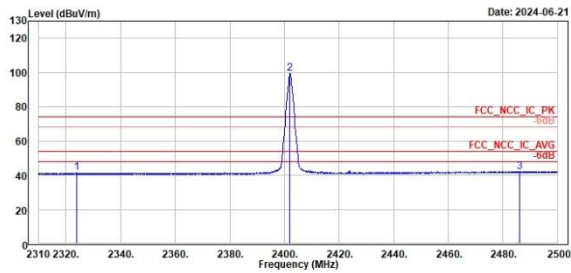
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.94	55.63	17.57	38.06	74.00	-18.37	330	262	Peak	Vertical	
2 *	2402.00	98.64	60.54	38.10	74.00	24.64	330	262	Peak	Vertical	
3	2490.03	56.11	17.79	38.32	74.00	-17.89	330	262	Peak	Vertical	

BLE_2M

Low Channel (Horizontal) Average



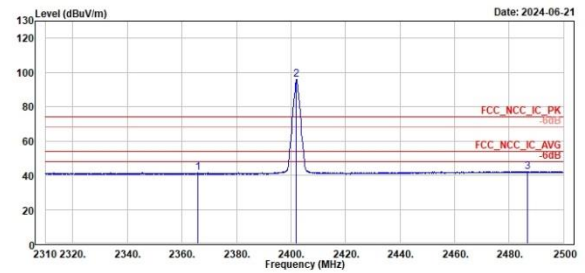
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2324.01	41.37	3.57	37.80	54.00	-12.63		372	355	Average	Horizontal	
2 *	2402.00	99.44	61.34	38.10	54.00	45.44		372	355	Average	Horizontal	
3	2486.04	42.20	3.88	38.32	54.00	-11.80		372	355	Average	Horizontal	



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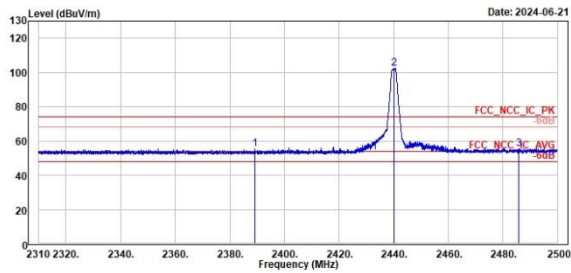
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2365.06	41.59	3.61	37.98	54.00	-12.41		330	262	Average	Vertical	
2 *	2402.00	95.82	57.72	38.10	54.00	41.82		330	262	Average	Vertical	
3	2486.75	42.17	3.85	38.32	54.00	-11.83		330	262	Average	Vertical	

BLE_2M

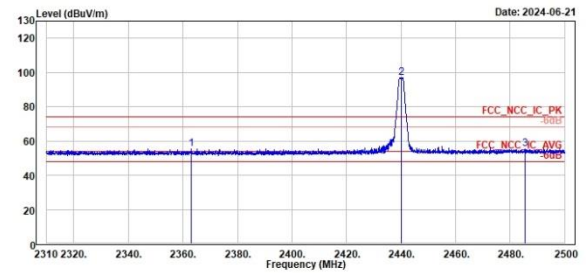
Middle Channel (Horizontal) Peak



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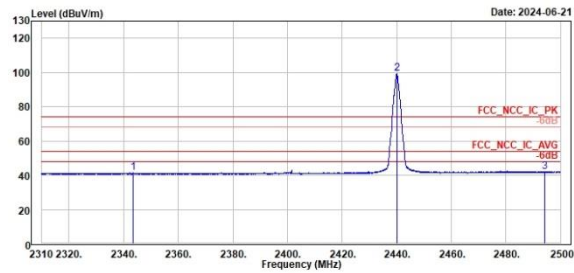


BLE_2M

Middle Channel (Horizontal) Average



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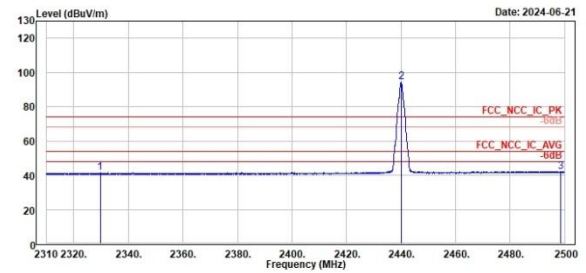


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2343.35	41.38	3.49	37.89	54.00	-12.62	359	344	Average	Horizontal		
2 *	2440.00	99.29	60.99	38.30	54.00	45.29	359	344	Average	Horizontal		
3	2494.06	42.10	3.79	38.31	54.00	-11.90	359	344	Average	Horizontal		

Middle Channel (Vertical) Average



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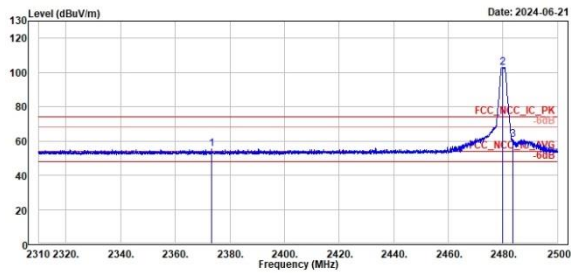
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2329.67	41.40	3.57	37.83	54.00	-12.60	289	266	Average	Vertical		
2 *	2440.00	94.25	55.95	38.30	54.00	40.25	289	266	Average	Vertical		
3	2498.67	42.20	3.89	38.31	54.00	-11.80	289	266	Average	Vertical		

BLE_2M

High Channel (Horizontal) Peak



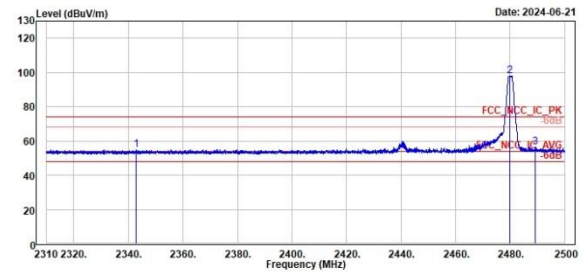
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2373.27	55.33	17.32	38.01	74.00	-18.67	250		8 Peak	Horizontal	
2 *	2480.00	102.92	64.59	38.33	74.00	28.92	250		8 Peak	Horizontal	
3	2483.71	60.92	22.60	38.32	74.00	-13.08	250		8 Peak	Horizontal	



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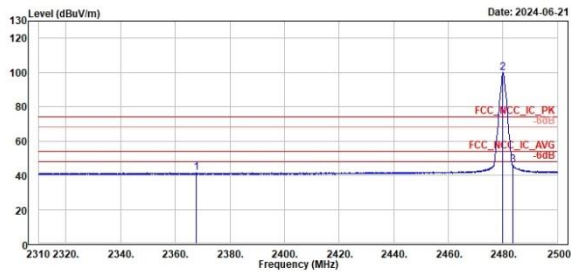
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2342.92	55.07	17.18	37.89	74.00	-18.93	312		88 Peak	Vertical	
2 *	2480.00	98.07	59.74	38.33	74.00	24.07	312		88 Peak	Vertical	
3	2489.31	56.49	18.17	38.32	74.00	-17.51	312		88 Peak	Vertical	

BLE_2M

High Channel (Horizontal) Average



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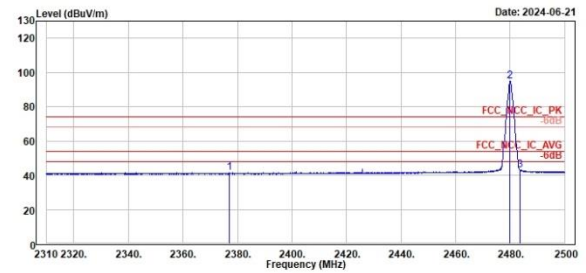


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2367.01	41.47	3.48	37.99	54.00	-12.53	250		8 Average	Horizontal	
2 *	2480.00	100.04	61.71	38.33	54.00	46.04	250		8 Average	Horizontal	
3	2483.50	46.00	7.68	38.32	54.00	-8.00	250		8 Average	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	cm	deg				
1	2377.02	41.42	3.41	38.01	54.00	-12.58	312		88 Average	Vertical	
2 *	2480.00	95.02	56.69	38.33	54.00	41.02	312		88 Average	Vertical	
3	2483.57	43.16	4.84	38.32	54.00	-10.84	312		88 Average	Vertical	

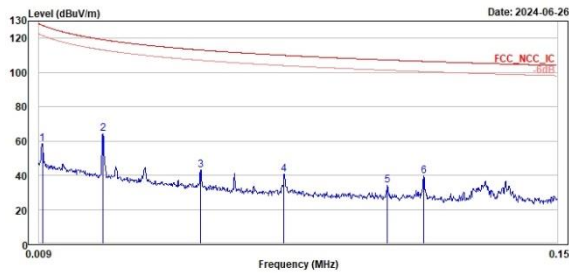
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

BLE_1M

Middle Channel (Open) 9kHz~150kHz



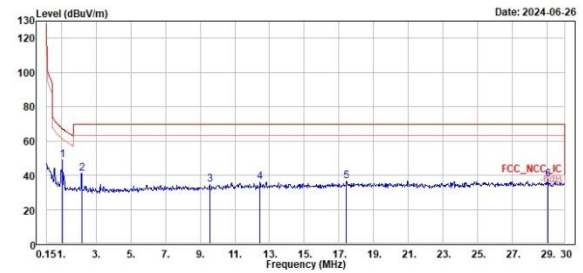
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Freq	Level	Read	Level Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.01	58.33	40.02	18.31	127.60	-69.27	100	0 Peak	Open	
2	0.03	64.27	44.46	19.81	119.13	-54.86	100	150 Peak	Open	
3	0.05	43.02	23.71	19.31	113.11	-70.09	100	159 Peak	Open	
4	0.08	40.54	21.93	18.61	110.01	-69.47	100	360 Peak	Open	
5	0.10	34.27	15.72	18.55	107.28	-73.01	100	168 Peak	Open	
6	0.11	39.51	20.90	18.61	106.49	-66.98	100	360 Peak	Open	



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Freq	Level	Read	Level Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	1.08	49.07	29.99	19.08	66.97	-17.90	100	180 Peak	Open	
2	2.18	41.14	22.07	19.07	69.50	-28.36	100	180 Peak	Open	
3	9.55	34.38	13.28	21.10	69.50	-35.12	100	52 Peak	Open	
4	12.45	36.24	14.63	21.61	69.50	-33.26	100	188 Peak	Open	
5	17.43	36.73	14.32	22.41	69.50	-32.77	100	174 Peak	Open	
6	29.04	37.36	14.22	23.14	69.50	-32.14	100	337 Peak	Open	

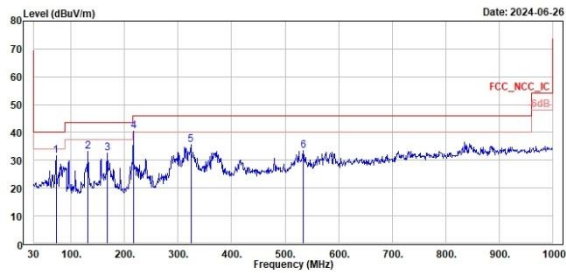
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_1M

Middle Channel (Horizontal)



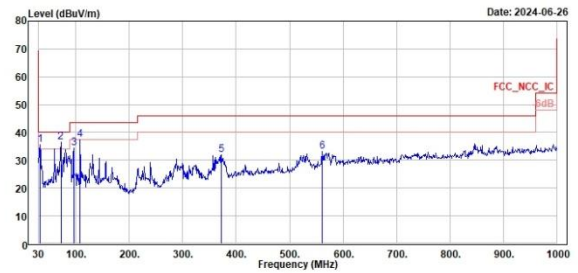
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Peak	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	71.71	31.66	40.72	-9.06	40.00	-8.34	200	296	Peak	Horizontal		
2	131.85	33.21	40.80	-7.59	43.50	-10.29	200	170	Peak	Horizontal		
3	167.74	32.46	38.10	-5.64	43.50	-11.04	200	291	Peak	Horizontal		
4	216.24	40.52	48.89	-8.37	46.00	-5.48	200	218	Peak	Horizontal		
5	323.91	35.73	40.52	-4.79	46.00	-10.27	100	325	Peak	Horizontal		
6	533.43	33.61	34.26	-0.65	46.00	-12.39	200	238	Peak	Horizontal		



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Peak	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	32.91	35.47	43.27	-7.80	40.00	-4.53	100	170	Peak	Vertical		
2	71.71	36.58	45.64	-9.06	40.00	-3.42	100	320	Peak	Vertical		
3	95.96	34.23	45.86	-11.63	43.50	-9.27	100	203	Peak	Vertical		
4	107.60	37.53	47.50	-9.97	43.50	-5.97	200	81	Peak	Vertical		
5	372.41	32.03	35.77	-3.74	46.00	-13.97	200	228	Peak	Vertical		
6	568.59	33.02	33.02	0.00	46.00	-12.98	100	201	Peak	Vertical		

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

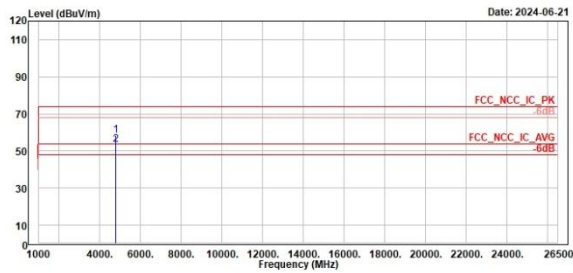
BLE_1M

Low Channel (Horizontal)

Low Channel (Vertical)



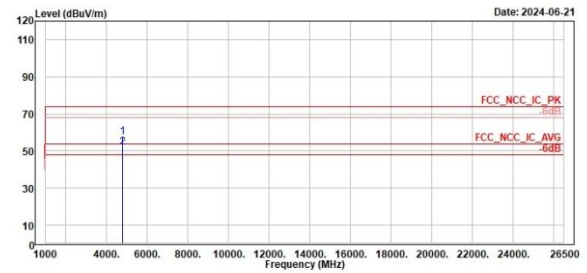
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4804.00	58.35	66.37	-8.02	74.00	-15.65	100	158	Peak	Horizontal	
2	4804.00	53.38	61.40	-8.02	54.00	-0.62	100	158	Average	Horizontal	



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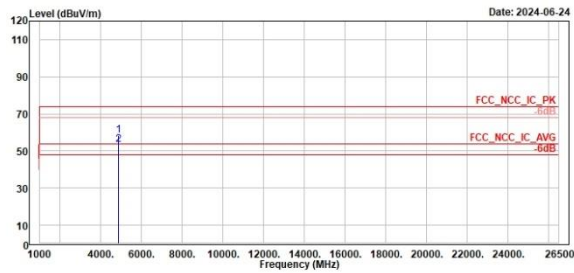
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4804.00	57.44	65.46	-8.02	74.00	-16.56	399	64	Peak	Vertical	
2	4804.00	52.19	60.21	-8.02	54.00	-1.81	399	64	Average	Vertical	

BLE_1M

Middle Channel (Horizontal)



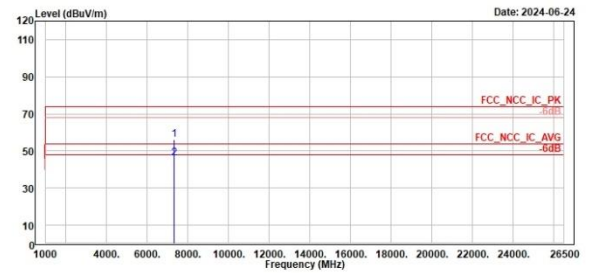
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4880.00	58.41	66.35	-7.94	74.00	-15.59	185	155	Peak	Horizontal		
2	4880.00	53.45	61.39	-7.94	54.00	-0.55	185	155	Average	Horizontal		



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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	7320.00	55.89	61.27	-5.38	74.00	-18.11	180	342	Peak	Vertical		
2	7320.00	45.98	51.36	-5.38	54.00	-8.62	180	342	Average	Vertical		

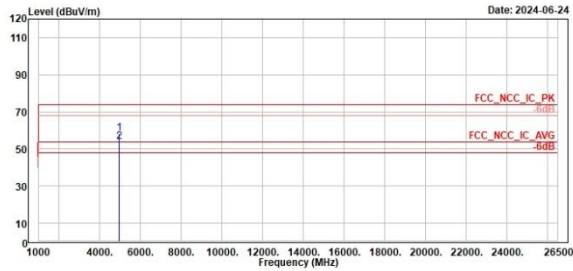
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



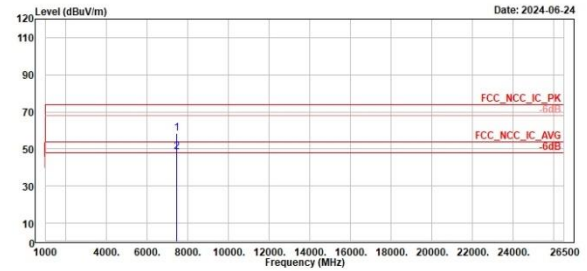
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4960.00	58.60	66.41	-7.81	74.00	-15.40	100	157	Peak	Horizontal	
2	4960.00	53.73	61.54	-7.81	54.00	-0.27	100	157	Average	Horizontal	



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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	7440.00	58.59	64.00	-5.41	74.00	-15.41	100	322	Peak	Vertical	
2	7440.00	48.42	53.83	-5.41	54.00	-5.58	100	322	Average	Vertical	

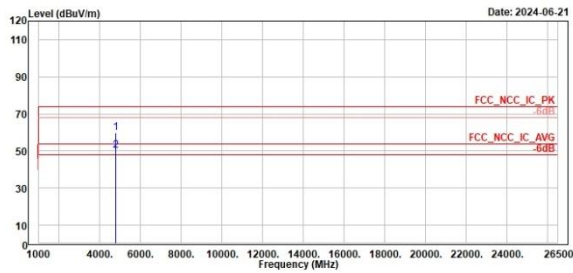
BLE_2M

Low Channel (Horizontal)

Low Channel (Vertical)



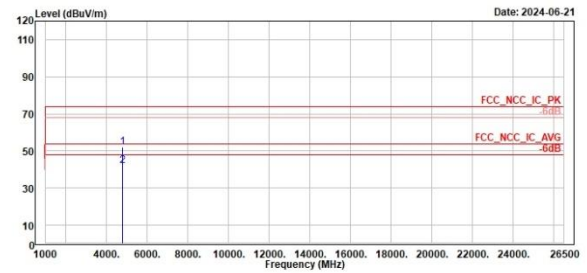
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4804.00	59.66	67.68	-8.02	74.00	-14.34	100	160	Peak	Horizontal	
2	4804.00	50.21	58.23	-8.02	54.00	-3.79	100	160	Average	Horizontal	



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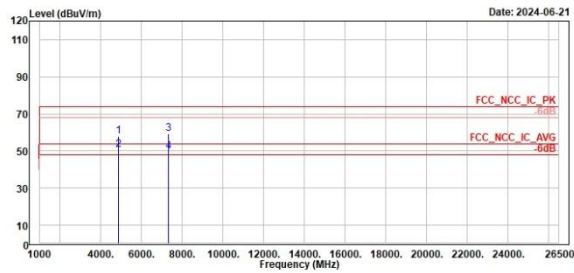
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4804.00	52.16	60.18	-8.02	74.00	-21.84	100	54	Peak	Vertical	
2	4804.00	42.19	50.21	-8.02	54.00	-11.81	100	54	Average	Vertical	

BLE_2M

Middle Channel (Horizontal)



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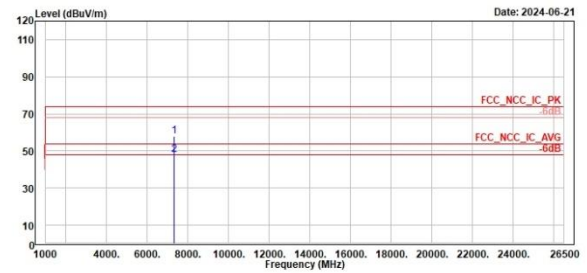


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4880.00	57.81	65.75	-7.94	74.00	-16.19	140	157	Peak	Horizontal	
2	4880.00	50.79	58.73	-7.94	54.00	-3.21	140	157	Average	Horizontal	
3	7320.00	59.49	64.87	-5.38	74.00	-14.51	100	308	Peak	Horizontal	
4	7320.00	49.85	55.23	-5.38	54.00	-4.15	100	308	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	7320.00	57.74	63.12	-5.38	74.00	-16.26	100	193	Peak	Vertical	
2	7320.00	47.96	53.34	-5.38	54.00	-6.04	100	193	Average	Vertical	

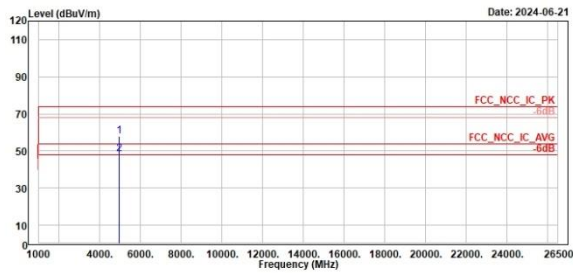
BLE_2M

High Channel (Horizontal)

High Channel (Vertical)



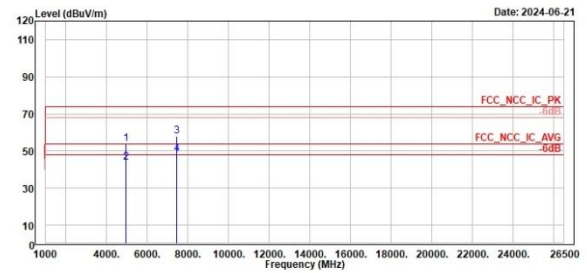
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 4960.00	58.09	65.90	-7.81	74.00	-15.91	100	341	Peak	Horizontal		
2 4960.00	48.53	56.34	-7.81	54.00	-5.47	100	341	Average	Horizontal		



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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	53.83	61.64	-7.81	74.00	-20.17	100	213	Peak	Vertical		
2 4960.00	43.69	51.50	-7.81	54.00	-10.31	100	213	Average	Vertical		
3 7440.00	57.95	63.36	-5.41	74.00	-16.05	231	337	Peak	Vertical		
4 7440.00	48.36	53.77	-5.41	54.00	-5.64	231	337	Average	Vertical		

Mains Conducted Emission, Tx Mode, 150kHz ~ 30MHz

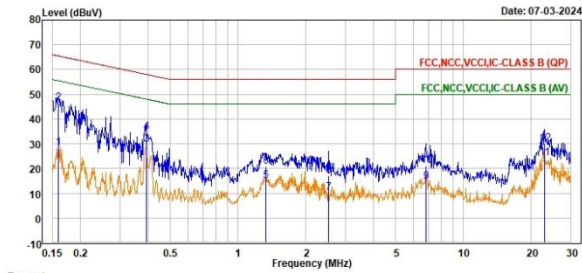
Worst Band

(Line)

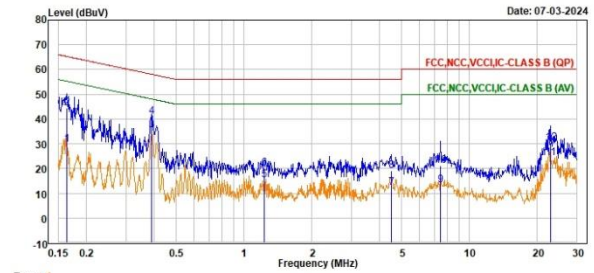
(Neutral)



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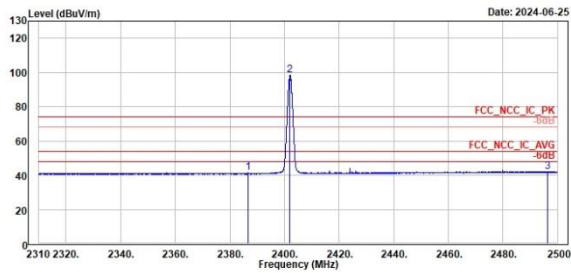
	Freq	Level	Lead	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	Hz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2331.38	56.28	18.44	37.84	74.00	-17.72	331	256 Peak	Vertical	
2	2402.00	96.03	57.93	38.10	74.00	22.03	331	256 Peak	Vertical	
3	2497.34	95.84	17.52	38.32	74.00	-18.16	331	256 Peak	Vertical	

BLE_1M

Low Channel (Horizontal) Average



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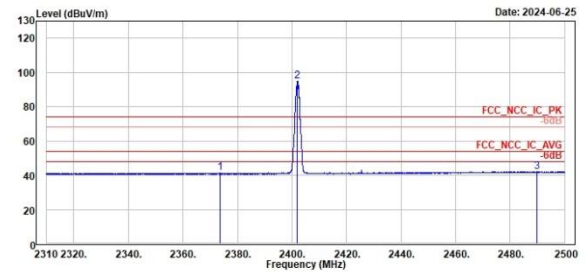


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2386.01	41.35	3.31	38.04	54.00	-12.65	332	222	Average	Horizontal	
2 *	2402.00	90.35	60.25	38.10	54.00	44.35	332	222	Average	Horizontal	
3	2496.44	42.06	3.74	38.32	54.00	-11.94	332	222	Average	Horizontal	

Low Channel (Vertical) Average



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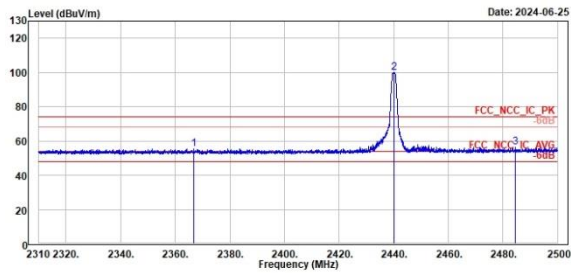
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2373.75	41.44	3.43	38.01	54.00	-12.56	331	256	Average	Vertical	
2 *	2402.00	94.93	56.83	38.10	54.00	40.93	331	256	Average	Vertical	
3	2489.93	42.03	3.71	38.32	54.00	-11.97	331	256	Average	Vertical	

BLE_1M

Middle Channel (Horizontal) Peak



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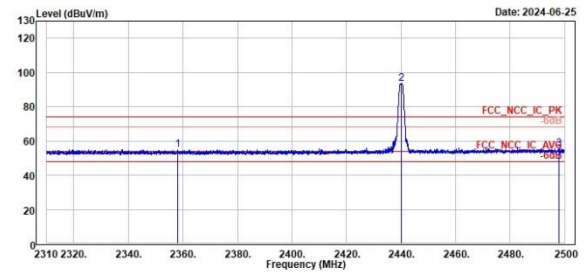


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2366.91	55.27	17.29	37.98	74.00	-18.73	352	213	Peak	Horizontal	
2 *	2440.00	99.63	61.53	38.10	74.00	25.63	352	213	Peak	Horizontal	
3	2484.61	56.16	17.84	38.32	74.00	-17.84	352	213	Peak	Horizontal	

Middle Channel (Vertical) Peak



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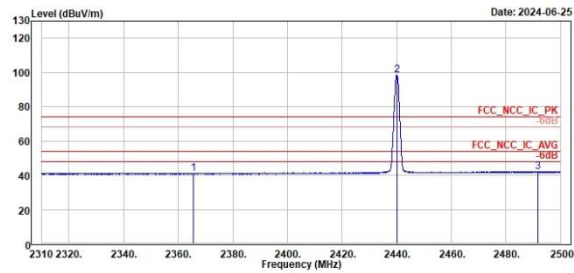
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2358.07	55.05	17.09	37.96	74.00	-18.95	304	229	Peak	Vertical	
2 *	2440.00	93.38	55.68	38.30	74.00	19.38	304	229	Peak	Vertical	
3	2497.96	55.60	17.29	38.31	74.00	-18.40	304	229	Peak	Vertical	

BLE_1M

Middle Channel (Horizontal) Average



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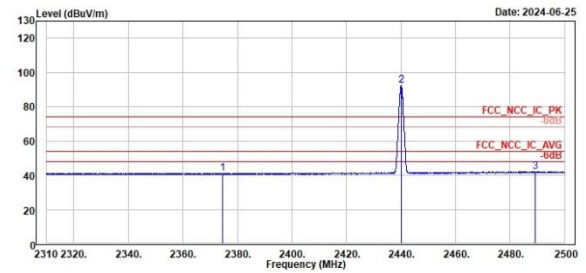


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2365.67	41.23	3.25	37.98	54.00	-12.77	352	213	Average	Horizontal		
2 *	2440.00	98.61	60.31	38.30	54.00	44.61	352	213	Average	Horizontal		
3	2491.74	42.11	3.79	38.32	54.00	-11.89	352	213	Average	Horizontal		

Middle Channel (Vertical) Average



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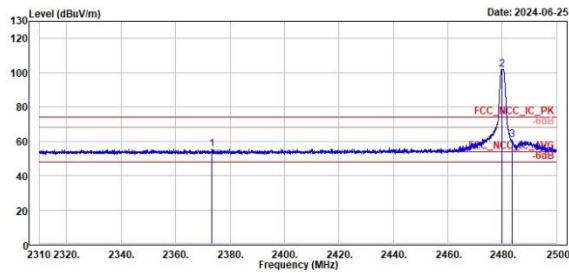
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2374.55	41.17	3.16	38.01	54.00	-12.83	304	229	Average	Vertical		
2 *	2440.00	92.26	53.96	38.30	54.00	38.26	304	229	Average	Vertical		
3	2489.08	42.04	3.72	38.32	54.00	-11.96	304	229	Average	Vertical		

BLE_1M

High Channel (Horizontal) Peak



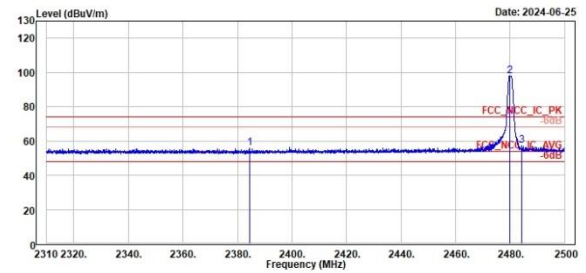
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2373.41	55.56	17.55	38.01	74.00	-18.44	346	219	Peak	Horizontal		
2 *	2480.00	101.84	63.51	38.33	74.00	27.84	346	219	Peak	Horizontal		
3	2483.50	60.97	22.65	38.32	74.00	-13.03	346	219	Peak	Horizontal		



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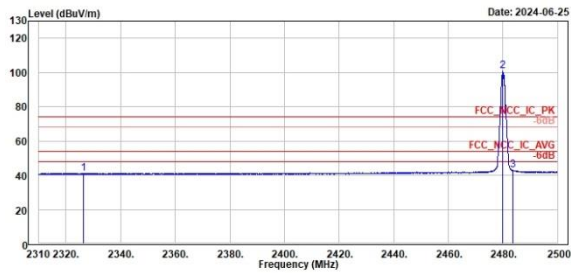
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2384.43	55.67	17.63	38.04	74.00	-18.33	302	250	Peak	Vertical		
2 *	2480.00	97.95	59.62	38.33	74.00	23.95	302	250	Peak	Vertical		
3	2484.18	57.47	19.15	38.32	74.00	-16.53	302	250	Peak	Vertical		

BLE_1M

High Channel (Horizontal) Average



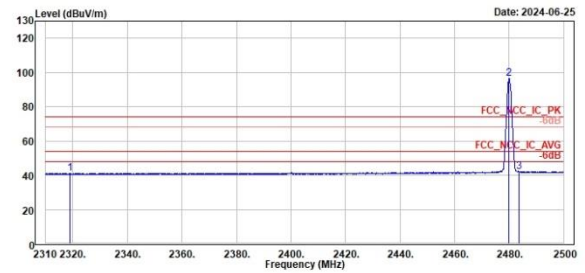
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2326.34	41.15	3.34	37.81	54.00	-12.85	346	219	Average	Horizontal		
2 *	2480.00	100.65	62.32	38.33	54.00	46.65	346	219	Average	Horizontal		
3	2483.57	42.95	4.63	38.32	54.00	-11.05	346	219	Average	Horizontal		



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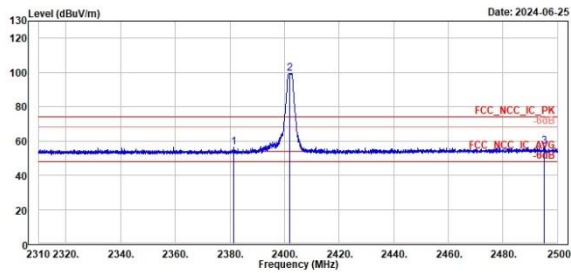
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2319.07	41.16	3.39	37.77	54.00	-12.84	302	250	Average	Vertical		
2 *	2480.00	96.63	58.30	38.33	54.00	42.63	302	250	Average	Vertical		
3	2483.57	42.21	3.89	38.32	54.00	-11.79	302	250	Average	Vertical		

BLE_2M

Low Channel (Horizontal) Peak



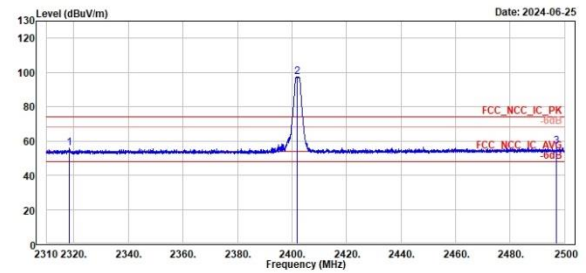
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2381.35	56.48	18.45	38.03	74.00	-17.52	301	204	Peak	Horizontal	
2 *	2402.00	99.37	61.27	38.10	74.00	25.37	301	204	Peak	Horizontal	
3	2495.06	56.67	18.36	38.31	74.00	-17.33	301	204	Peak	Horizontal	



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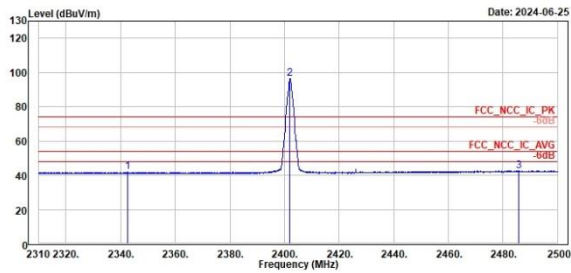
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2318.46	55.64	17.88	37.76	74.00	-18.36	366	254	Peak	Vertical	
2 *	2402.00	97.28	59.18	38.10	74.00	23.28	366	254	Peak	Vertical	
3	2496.91	56.61	18.29	38.32	74.00	-17.39	366	254	Peak	Vertical	

BLE_2M

Low Channel (Horizontal) Average



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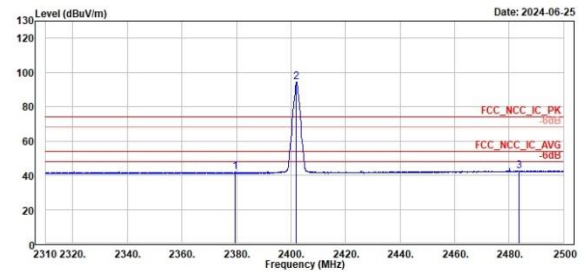


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2342.44	41.97	4.08	37.89	54.00	-12.03	301	204	Average	Horizontal	
2 *	2402.00	96.55	58.45	38.10	54.00	42.55	301	204	Average	Horizontal	
3	2485.66	42.56	4.24	38.32	54.00	-11.44	301	204	Average	Horizontal	

Low Channel (Vertical) Average



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2379.59	41.94	3.91	38.03	54.00	-12.06	366	254	Average	Vertical	
2 *	2402.00	94.45	56.35	38.10	54.00	40.45	366	254	Average	Vertical	
3	2483.57	42.52	4.20	38.32	54.00	-11.48	366	254	Average	Vertical	

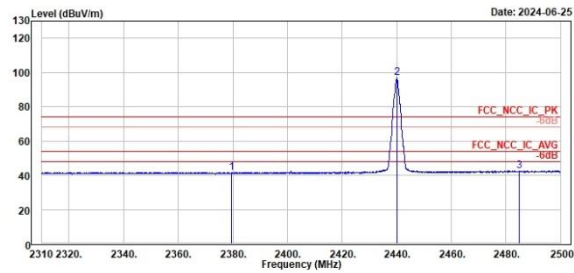
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2371.75	55.00	17.00	30.00	74.00	-18.20	326	162	Peak	Vertical	
2 *	2440.00	96.33	58.03	30.30	74.00	22.33	326	162	Peak	Vertical	
3	2490.50	56.25	17.93	30.32	74.00	-17.75	326	162	Peak	Vertical	

BLE_2M

Middle Channel (Horizontal) Average



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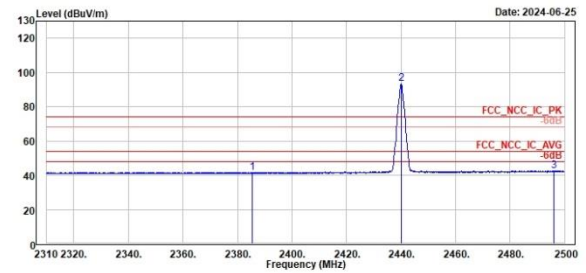


	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2379.54	41.62	3.59	38.03	54.00	-12.38	366	18 Average	Horizontal	
2 *	2440.00	96.74	58.44	38.30	54.00	42.74	366	18 Average	Horizontal	
3	2484.85	42.64	4.32	38.32	54.00	-11.36	366	18 Average	Horizontal	

Middle Channel (Vertical) Average



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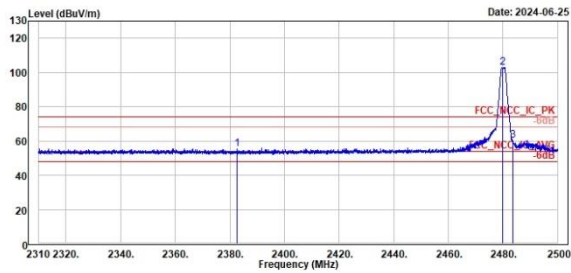
	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2385.48	41.75	3.71	38.04	54.00	-12.25	326	162 Average	Vertical	
2 *	2440.00	93.42	55.12	38.30	54.00	39.42	326	162 Average	Vertical	
3	2496.06	42.66	4.34	38.32	54.00	-11.34	326	162 Average	Vertical	

BLE_2M

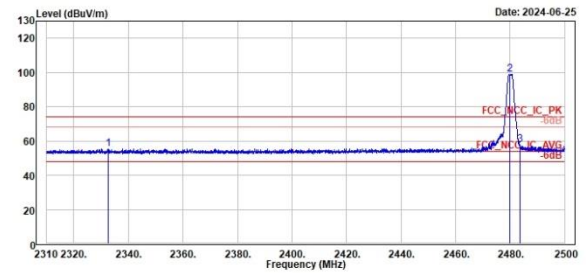
High Channel (Horizontal) Peak



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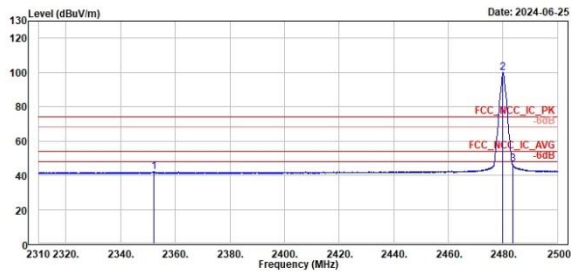


BLE_2M

High Channel (Horizontal) Average



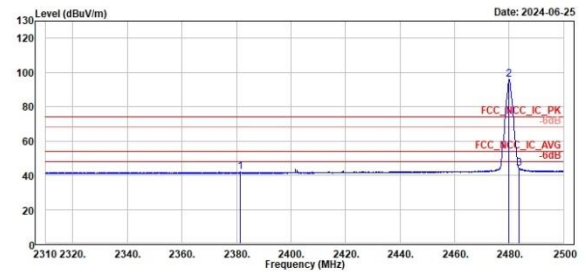
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High Channel (Vertical) Average



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Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

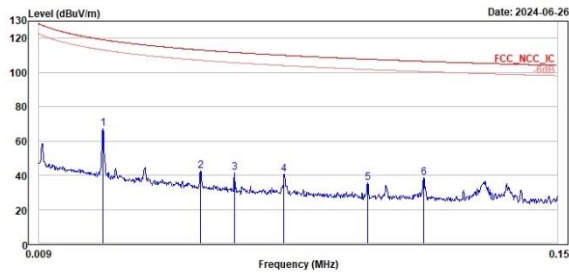
BLE_2M

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



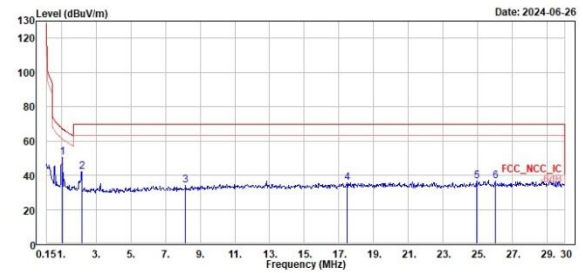
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.03	67.14	47.33	19.81	119.13	-51.99	100	237	Peak	Open	
2	0.05	42.41	23.10	19.31	113.11	-70.70	100	1	Peak	Open	
3	0.06	41.38	22.58	18.80	111.72	-70.34	100	71	Peak	Open	
4	0.08	40.46	21.85	18.61	110.01	-69.55	100	176	Peak	Open	
5	0.10	35.36	16.81	18.55	107.74	-72.38	100	77	Peak	Open	
6	0.11	38.54	19.93	18.61	106.49	-67.95	100	360	Peak	Open	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	1.08	50.48	31.40	19.08	66.97	-16.49	100	174	Peak	Open	
2	2.18	42.05	22.98	19.07	69.50	-27.45	100	174	Peak	Open	
3	8.15	33.87	13.00	20.87	69.50	-35.63	100	297	Peak	Open	
4	17.46	35.38	12.97	22.41	69.50	-34.12	100	188	Peak	Open	
5	24.93	36.52	13.39	23.13	69.50	-32.98	100	0	Peak	Open	
6	26.00	36.68	13.79	22.81	69.50	-32.90	100	255	Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

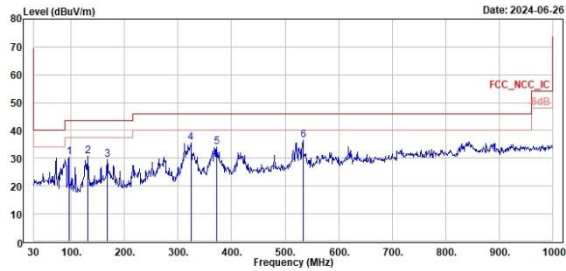
BLE_2M

High Channel (Horizontal)

High Channel (Vertical)



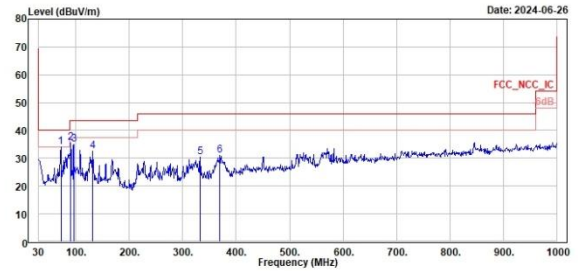
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	95.96	30.54	42.17	-11.63	43.50	-12.96	200	132	Peak	Horizontal		
2	131.85	30.63	38.22	-7.59	43.50	-12.87	200	214	Peak	Horizontal		
3	167.74	29.62	35.26	-5.64	43.50	-13.88	200	93	Peak	Horizontal		
4	323.91	35.53	40.32	-4.79	46.00	-10.47	100	331	Peak	Horizontal		
5	372.41	34.15	37.89	-3.74	46.00	-11.85	100	142	Peak	Horizontal		
6	533.43	36.55	37.20	-0.65	46.00	-9.45	200	43	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	71.71	34.02	43.08	-9.06	40.00	-5.98	101	360	Peak	Vertical		
2	90.14	35.48	47.85	-12.37	43.50	-8.02	200	360	Peak	Vertical		
3	95.96	35.10	46.73	-11.63	43.50	-8.40	100	219	Peak	Vertical		
4	131.85	32.49	40.08	-7.59	43.50	-11.01	100	125	Peak	Vertical		
5	332.64	30.37	34.84	-4.47	46.00	-15.63	100	163	Peak	Vertical		
6	369.50	31.10	34.94	-3.84	46.00	-14.90	200	222	Peak	Vertical		

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

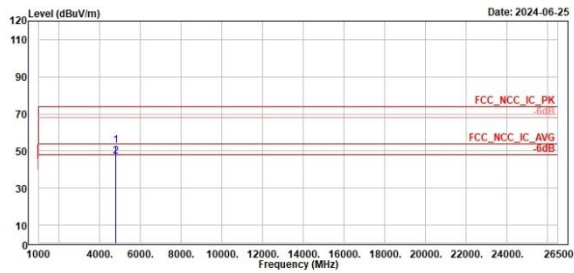
BLE_1M

Low Channel (Horizontal)

Low Channel (Vertical)



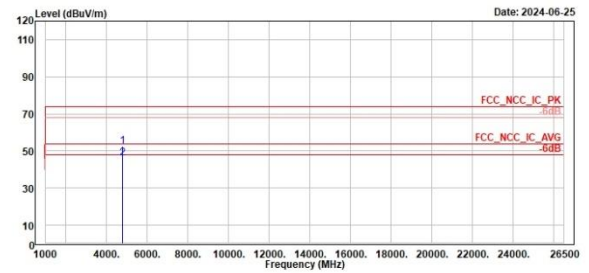
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4894.00	52.98	61.00	-8.02	74.00	-21.02	113	140	Peak	Horizontal	
2	4894.00	46.95	54.97	-8.02	54.00	-7.05	113	140	Average	Horizontal	



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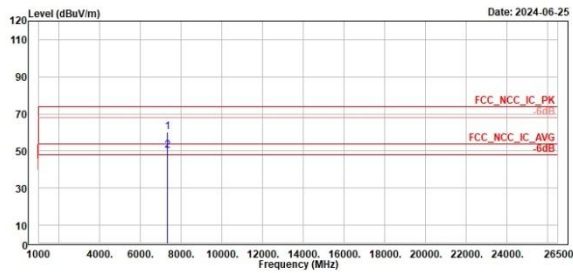
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4894.00	52.59	60.61	-8.02	74.00	-21.41	108	77	Peak	Vertical	
2	4894.00	46.08	54.10	-8.02	54.00	-7.92	108	77	Average	Vertical	

BLE_1M

Middle Channel (Horizontal)



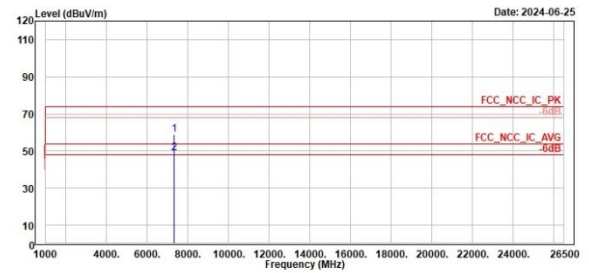
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	7320.00	60.27	65.65	-5.38	74.00	-13.73	100	318	Peak	Horizontal	
2	7320.00	50.25	55.63	-5.38	54.00	-3.75	100	318	Average	Horizontal	



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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	7320.00	50.84	64.22	-5.38	74.00	-15.16	234	346	Peak	Vertical	
2	7320.00	48.89	54.27	-5.38	54.00	-5.11	234	346	Average	Vertical	

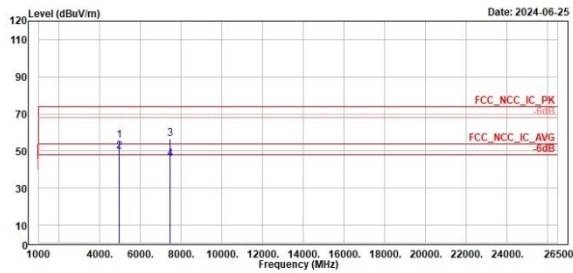
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



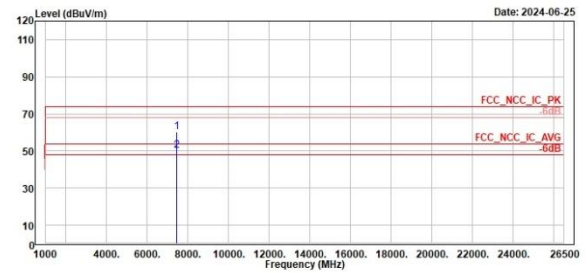
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4960.00	55.87	63.68	-7.81	74.00	-18.13	100	151	Peak	Horizontal	
2	4960.00	49.96	57.77	-7.81	54.00	-4.04	100	151	Average	Horizontal	
3	7440.00	56.51	61.92	-5.41	74.00	-17.49	100	323	Peak	Horizontal	
4	7440.00	45.79	51.20	-5.41	54.00	-8.21	100	323	Average	Horizontal	



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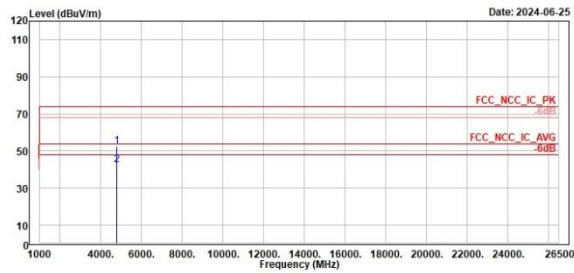
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	7440.00	60.19	65.60	-5.41	74.00	-13.81	100	330	Peak	Vertical	
2	7440.00	50.41	55.82	-5.41	54.00	-3.59	100	330	Average	Vertical	

BLE_2M

Low Channel (Horizontal)



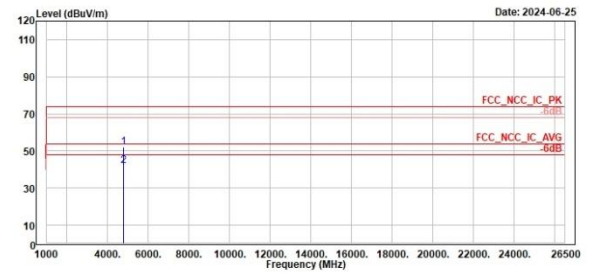
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4804.00	52.44	60.46	-8.02	74.00	-21.56	115	140	Peak	Horizontal		
2	4804.00	42.63	50.65	-8.02	54.00	-11.37	115	140	Average	Horizontal		



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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	4804.00	52.10	60.12	-8.02	74.00	-21.90	100	83	Peak	Vertical		
2	4804.00	41.75	49.77	-8.02	54.00	-12.25	100	83	Average	Vertical		

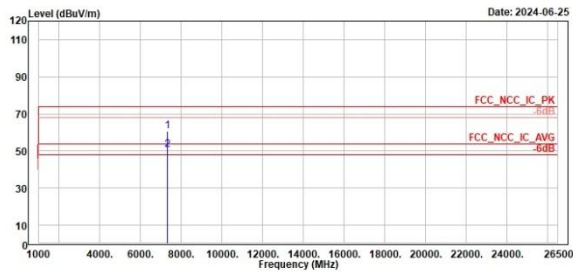
BLE_2M

Middle Channel (Horizontal)

Middle Channel (Vertical)



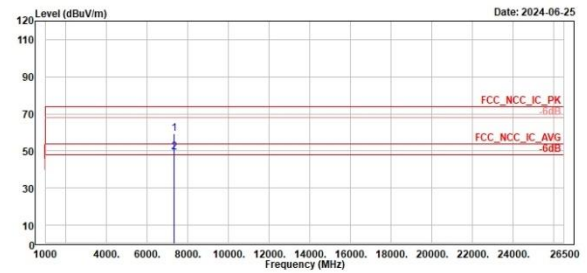
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	7320.00	60.76	66.14	-5.38	74.00	-13.24	100	316	Peak	Horizontal	
2	7320.00	50.80	56.18	-5.38	54.00	-3.20	100	316	Average	Horizontal	



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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	7320.00	59.50	64.88	-5.38	74.00	-14.50	116	344	Peak	Vertical	
2	7320.00	49.50	54.88	-5.38	54.00	-4.50	116	344	Average	Vertical	