

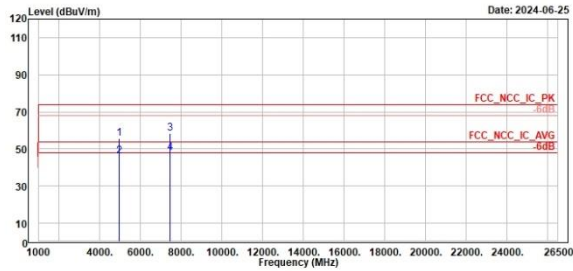
BLE_2M

High Channel (Horizontal)

High Channel (Vertical)



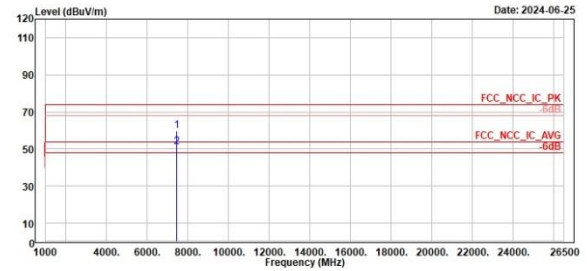
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4960.00	55.05	63.66	-7.61	74.00	-18.15	130	0	Peak	Horizontal	
2	4960.00	46.00	53.81	-7.81	54.00	-8.00	130	0	Average	Horizontal	
3	7440.00	58.52	63.93	-5.41	74.00	-15.48	100	313	Peak	Horizontal	
4	7440.00	48.04	53.45	-5.41	54.00	-5.96	100	313	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	59.66	65.07	-5.41	74.00	-14.34	100	320	Peak	Vertical	
2	7440.00	50.96	56.37	-5.41	54.00	-3.04	100	320	Average	Vertical	

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

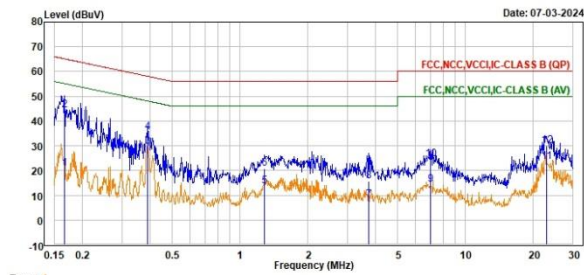
Worst Band

(Line)

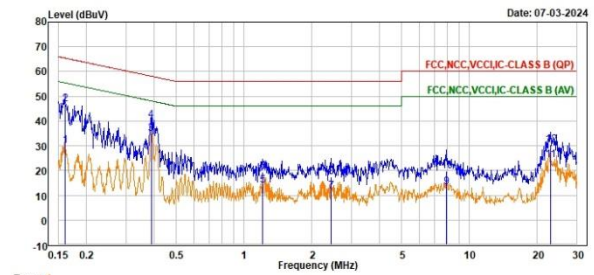
(Neutral)



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ANTX100P111B24003
Band Edges, 2.31GHz ~ 2.9GHz

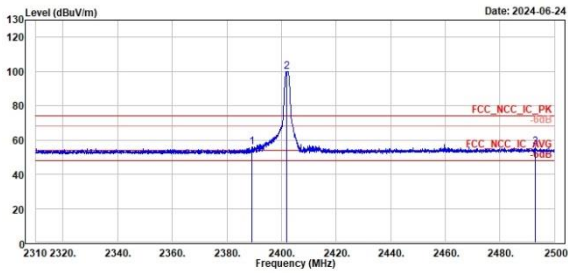
BLE_1M

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



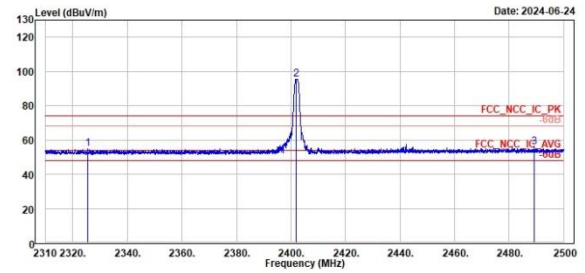
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Peak	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	cm	deg			
1	2389.18	55.95	17.89	38.06	74.00	-18.05	349	16 Peak	Horizontal	
2 *	2402.00	99.82	61.72	38.10	74.00	25.82	349	16 Peak	Horizontal	
3	2493.07	55.63	17.32	38.31	74.00	-18.37	349	16 Peak	Horizontal	



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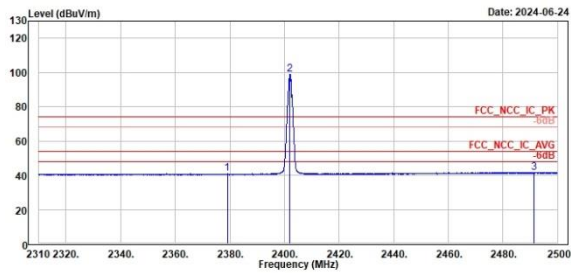
Peak	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	cm	deg			
1	2325.44	54.89	17.09	37.00	74.00	-19.11	345	278 Peak	Vertical	
2 *	2402.00	95.55	57.45	38.10	74.00	21.55	345	278 Peak	Vertical	
3	2489.31	55.78	17.46	38.32	74.00	-18.22	345	278 Peak	Vertical	

BLE_1M

Low Channel (Horizontal) Average



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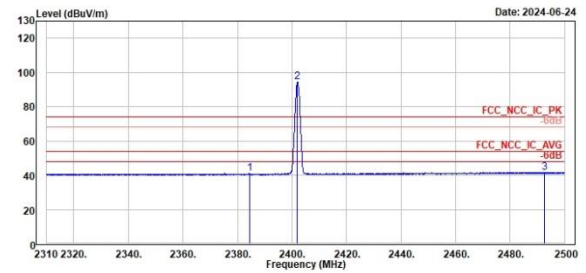


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2379.07	40.82	2.00	38.02	54.00	-13.18	349	16	Average	Horizontal	
2 *	2402.00	98.76	60.66	38.10	54.00	44.76	349	16	Average	Horizontal	
3	2491.36	41.65	3.33	38.32	54.00	-12.35	349	16	Average	Horizontal	

Low Channel (Vertical) Average



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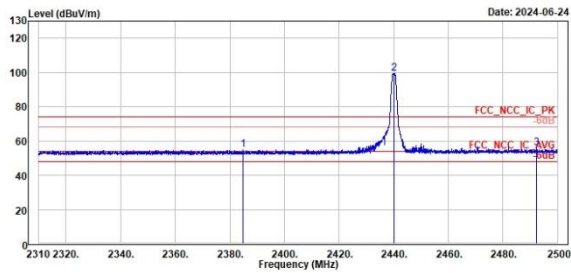
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2304.39	40.85	2.81	38.04	54.00	-13.15	345	278	Average	Vertical	
2 *	2402.00	94.43	56.33	38.10	54.00	40.43	345	278	Average	Vertical	
3	2492.59	41.63	3.32	38.31	54.00	-12.37	345	278	Average	Vertical	

BLE_1M

Middle Channel (Horizontal) Peak



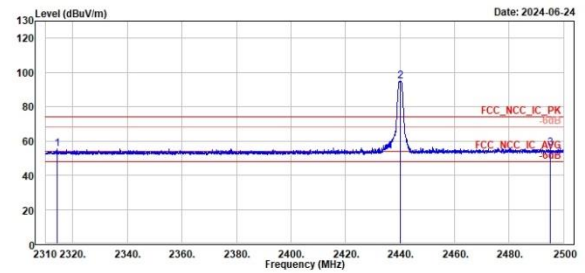
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2384.72	54.71	16.67	38.04	74.00	-19.29	339	10	Peak	Horizontal	
2 *	2440.00	99.20	60.90	38.30	74.00	25.20	339	10	Peak	Horizontal	
3	2492.35	55.78	17.46	38.32	74.00	-18.22	339	10	Peak	Horizontal	



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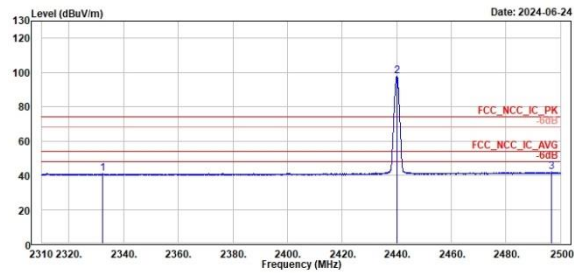
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2314.37	55.41	17.66	37.75	74.00	-18.59	359	251	Peak	Vertical	
2 *	2440.00	94.90	56.60	38.30	74.00	20.90	359	251	Peak	Vertical	
3	2495.01	56.01	17.70	38.31	74.00	-17.99	359	251	Peak	Vertical	

BLE_1M

Middle Channel (Horizontal) Average



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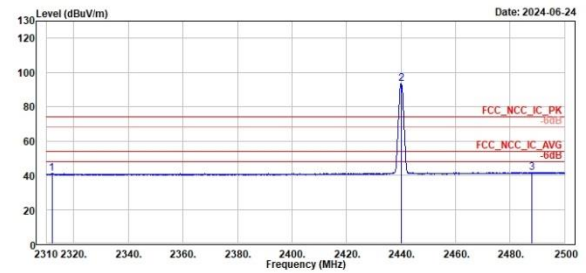


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2332.23	40.96	3.12	37.84	54.00	-13.04	339	10	Average	Horizontal	
2 *	2440.00	98.11	59.81	38.30	54.00	44.11	339	10	Average	Horizontal	
3	2496.72	41.83	3.51	38.32	54.00	-12.17	339	10	Average	Horizontal	

Middle Channel (Vertical) Average



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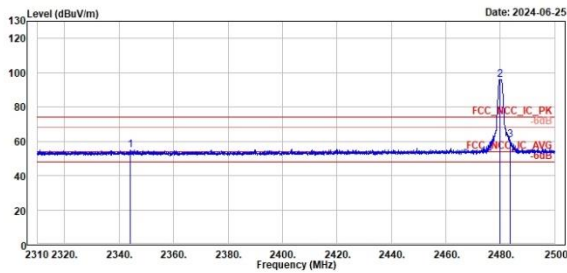
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2311.95	41.12	3.39	37.73	54.00	-12.88	359	251	Average	Vertical	
2 *	2440.00	93.67	55.37	38.30	54.00	39.67	359	251	Average	Vertical	
3	2487.89	41.73	3.41	38.32	54.00	-12.27	359	251	Average	Vertical	

BLE_1M

High Channel (Horizontal) Peak



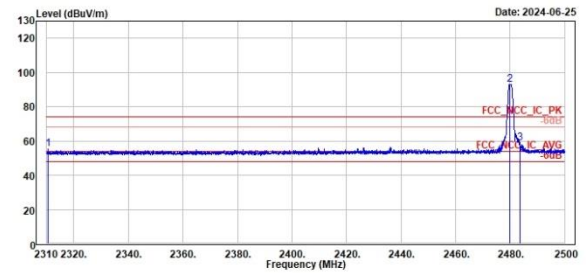
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2344.11	55.04	17.14	37.90	74.00	-18.96	365	30	Peak	Horizontal	
2 *	2480.00	95.91	57.58	38.33	74.00	21.91	365	30	Peak	Horizontal	
3	2483.50	60.70	22.38	38.32	74.00	-13.30	365	30	Peak	Horizontal	



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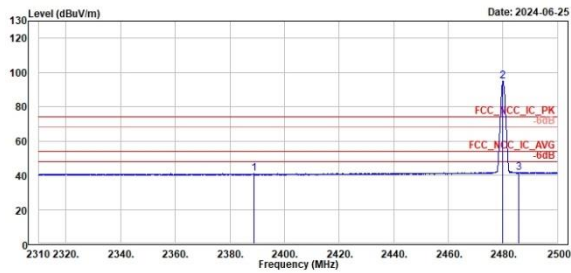
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2310.40	55.46	17.74	37.72	74.00	-18.54	353	253	Peak	Vertical	
2 *	2480.00	92.97	54.64	38.33	74.00	18.97	353	253	Peak	Vertical	
3	2483.66	58.81	20.49	38.32	74.00	-15.19	353	253	Peak	Vertical	

BLE_1M

High Channel (Horizontal) Average



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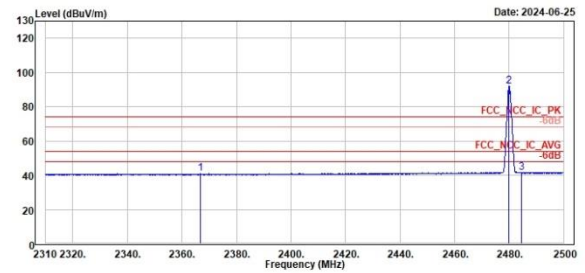


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2388.00	40.79	2.73	38.06	54.00	-13.21	365	30	Average	Horizontal	
2	2488.00	94.81	56.48	38.33	54.00	40.81	365	30	Average	Horizontal	
3	2485.89	41.77	3.45	38.32	54.00	-12.23	365	30	Average	Horizontal	

High Channel (Vertical) Average



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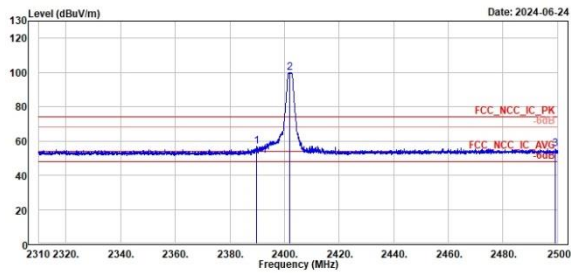
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2366.91	40.94	2.96	37.98	54.00	-13.06	353	253	Average	Vertical	
2	2488.00	91.83	53.50	38.33	54.00	37.83	353	253	Average	Vertical	
3	2484.52	41.72	3.40	38.32	54.00	-12.28	353	253	Average	Vertical	

BLE_2M

Low Channel (Horizontal) Peak



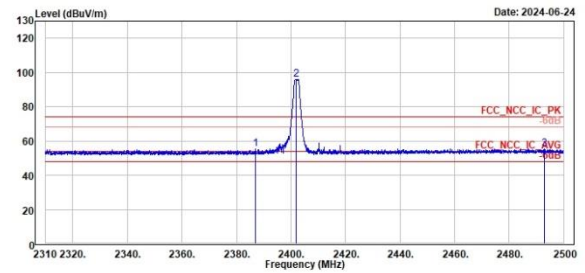
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2389.66	56.97	18.91	38.06	74.00	-17.03	308	13	Peak	Horizontal	
2 *	2402.00	99.68	61.58	38.10	74.00	25.68	308	13	Peak	Horizontal	
3	2499.10	55.24	16.93	38.31	74.00	-18.76	308	13	Peak	Horizontal	



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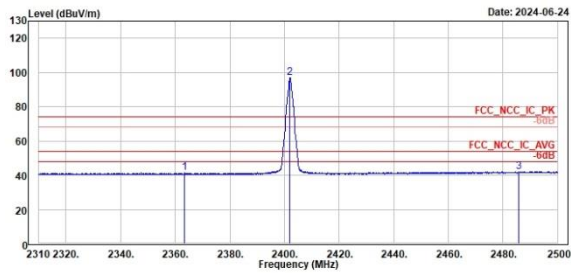
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2386.86	55.54	17.50	38.04	74.00	-18.46	343	277	Peak	Vertical	
2 *	2402.00	95.97	57.87	38.10	74.00	21.97	343	277	Peak	Vertical	
3	2493.07	55.37	17.06	38.31	74.00	-18.63	343	277	Peak	Vertical	

BLE_2M

Low Channel (Horizontal) Average



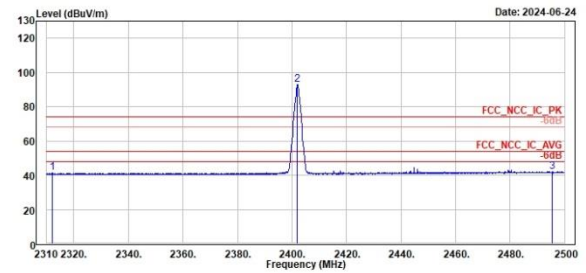
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2363.30	41.35	3.37	37.98	54.00	-12.65		308	13	Average	Horizontal	
2 *	2402.00	96.04	58.74	38.10	54.00	42.04		308	13	Average	Horizontal	
3	2485.66	41.98	3.66	38.32	54.00	-12.02		308	13	Average	Horizontal	



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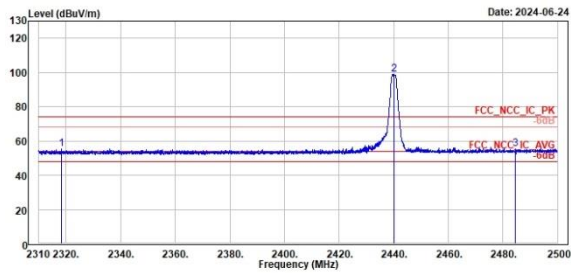
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2312.00	41.39	3.66	37.73	54.00	-12.61		343	277	Average	Vertical	
2 *	2402.00	93.06	54.96	38.10	54.00	39.06		343	277	Average	Vertical	
3	2495.49	42.03	3.72	38.31	54.00	-11.97		343	277	Average	Vertical	

BLE_2M

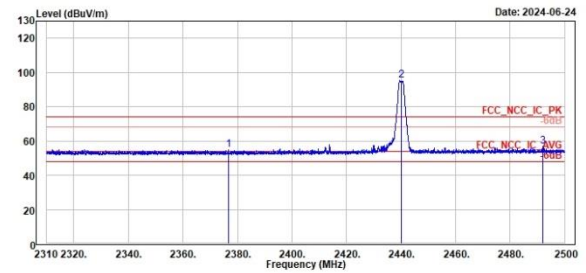
Middle Channel (Horizontal) Peak



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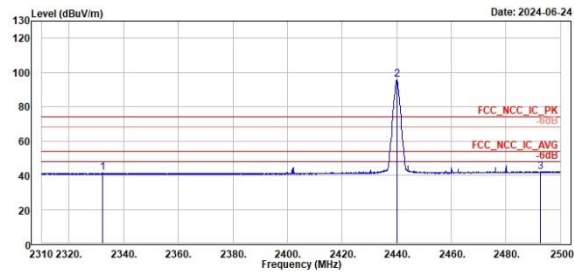


BLE_2M

Middle Channel (Horizontal) Average



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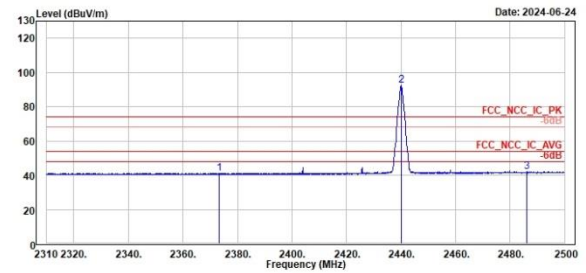


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2332.42	41.28	3.44	37.84	54.00	-12.72	381	28	Average	Horizontal		
2 *	2440.00	95.81	57.51	38.30	54.00	41.81	381	28	Average	Horizontal		
3	2492.54	42.20	3.89	38.31	54.00	-11.80	381	28	Average	Horizontal		

Middle Channel (Vertical) Average



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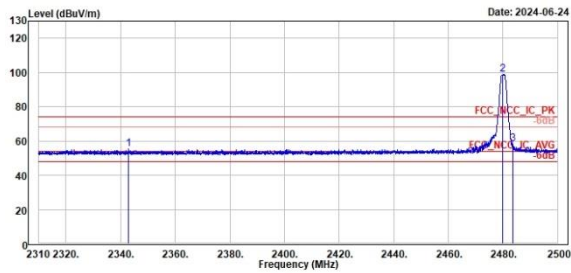
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2373.46	41.25	3.24	38.01	54.00	-12.75	365	253	Average	Vertical		
2 *	2440.00	92.30	54.00	38.30	54.00	38.30	365	253	Average	Vertical		
3	2486.04	42.10	3.78	38.32	54.00	-11.90	365	253	Average	Vertical		

BLE_2M

High Channel (Horizontal) Peak



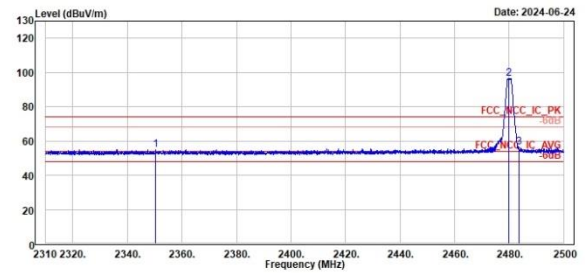
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2343.01	55.24	17.35	37.89	74.00	-18.76	364	34	Peak	Horizontal	
2 *	2480.00	98.63	60.30	38.33	74.00	24.63	364	34	Peak	Horizontal	
3	2483.71	58.18	19.86	38.32	74.00	-15.82	364	34	Peak	Horizontal	



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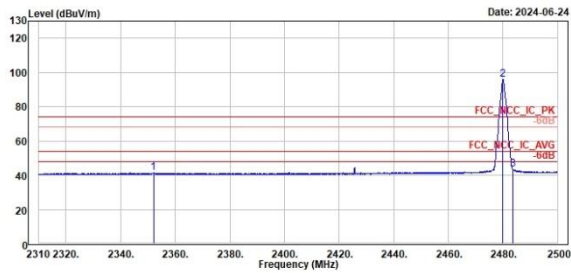
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2350.38	54.88	16.95	37.93	74.00	-19.12	395	253	Peak	Vertical	
2 *	2480.00	96.28	57.95	38.33	74.00	22.28	395	253	Peak	Vertical	
3	2483.50	56.44	18.12	38.32	74.00	-17.56	395	253	Peak	Vertical	

BLE_2M

High Channel (Horizontal) Average



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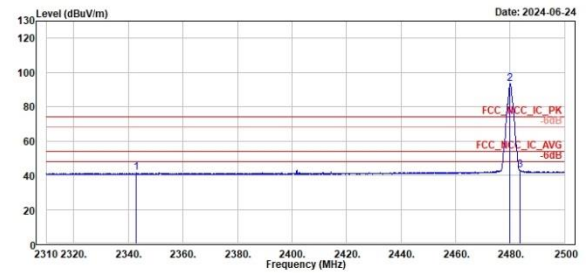


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2352.04	41.31	3.38	37.93	54.00	-12.69	364	34	Average	Horizontal	
2 *	2480.00	95.77	57.44	38.33	54.00	41.77	364	34	Average	Horizontal	
3	2483.57	43.56	5.24	38.32	54.00	-10.44	364	34	Average	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	2342.87	41.30	3.41	37.89	54.00	-12.70	395	253	Average	Vertical	
2 *	2480.00	93.40	55.07	38.33	54.00	39.40	395	253	Average	Vertical	
3	2483.61	42.91	4.59	38.32	54.00	-11.09	395	253	Average	Vertical	

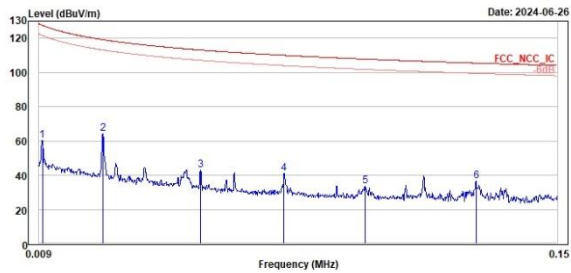
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

BLE_1M

High Channel (Open) 9kHz~150kHz



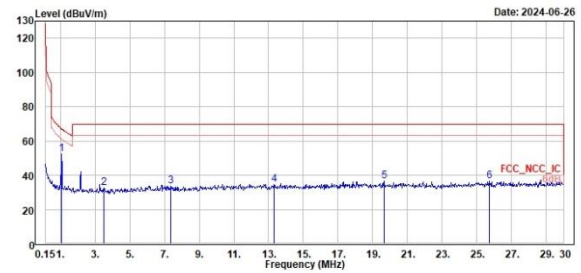
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	60.50	42.19	18.31	127.00	-67.10	100	108 Peak	Open
2	0.03	64.25	44.44	19.81	119.13	-54.88	100	34 Peak	Open
3	0.05	42.95	23.64	19.31	113.11	-70.16	100	176 Peak	Open
4	0.08	40.87	22.26	18.61	110.01	-69.14	100	263 Peak	Open
5	0.10	33.72	15.17	18.55	107.79	-74.07	100	168 Peak	Open
6	0.13	36.47	17.77	18.70	105.46	-68.99	100	158 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	1.00	52.37	33.29	19.08	66.97	-14.60	100	151 Peak	Open
2	3.49	32.54	13.20	19.34	69.50	-36.96	100	290 Peak	Open
3	7.37	33.78	12.85	20.93	69.50	-35.72	100	158 Peak	Open
4	13.31	34.59	13.05	21.54	69.50	-34.91	100	205 Peak	Open
5	19.64	36.49	13.84	22.65	69.50	-33.01	100	228 Peak	Open
6	25.70	36.55	13.62	22.93	69.50	-32.95	100	112 Peak	Open

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

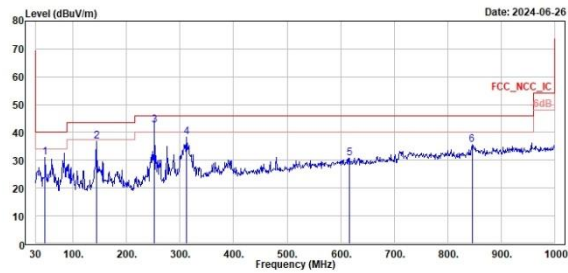
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



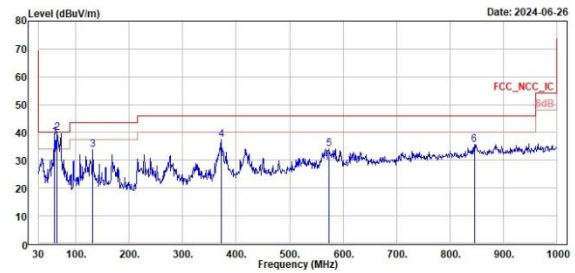
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	47.46	30.94	37.02	-6.08	40.00	-9.06	100	119	Peak	Horizontal		
2	143.49	36.88	43.20	-6.32	43.50	-6.62	200	234	Peak	Horizontal		
3	252.13	42.45	49.10	-6.65	46.00	-3.55	100	95	QP	Horizontal		
4	312.27	38.43	43.54	-5.11	46.00	-7.57	100	68	Peak	Horizontal		
5	616.85	30.78	29.80	0.98	46.00	-15.22	200	127	Peak	Horizontal		
6	845.77	35.63	31.21	4.42	46.00	-10.37	200	95	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	59.10	38.43	44.70	-6.27	40.00	-1.57	100	285	QP	Vertical		
2	63.95	39.70	46.91	-7.21	40.00	-0.30	100	242	QP	Vertical		
3	131.85	33.68	41.27	-7.59	43.50	-9.82	100	86	Peak	Vertical		
4	372.41	37.34	41.08	-3.74	46.00	-8.66	100	193	Peak	Vertical		
5	574.17	34.00	34.16	-0.16	46.00	-12.00	100	172	Peak	Vertical		
6	845.77	35.72	31.30	4.42	46.00	-10.28	100	78	Peak	Vertical		

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

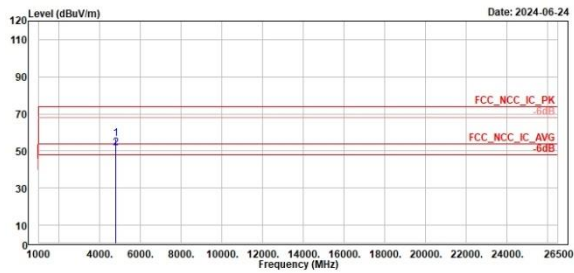
BLE_1M

Low Channel (Horizontal)

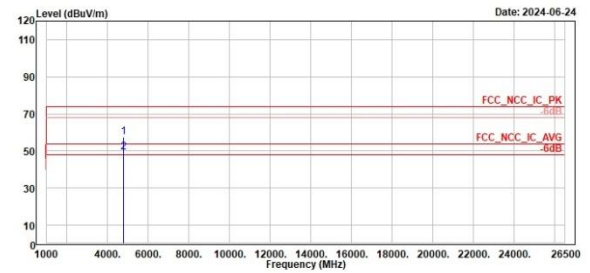
Low Channel (Vertical)



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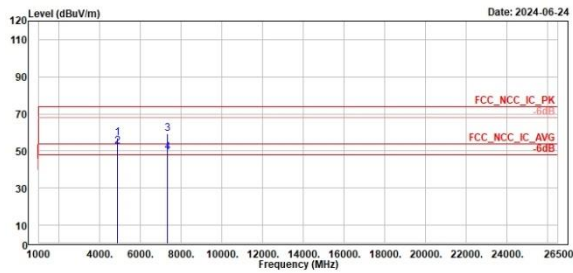


BLE_1M

Middle Channel (Horizontal)



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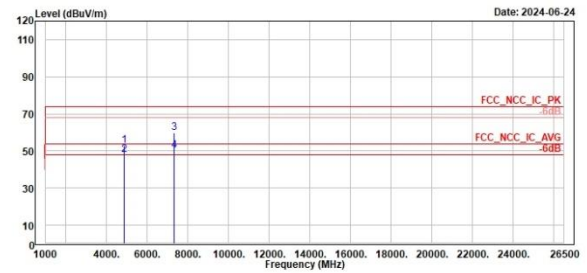


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4880.00	57.18	65.12	-7.94	74.00	-16.82	140	360	Peak	Horizontal	
2	4880.00	52.31	60.25	-7.94	54.00	-1.69	148	360	Average	Horizontal	
3	7320.00	59.17	64.55	-5.38	74.00	-14.83	100	332	Peak	Horizontal	
4	7320.00	49.05	54.43	-5.38	54.00	-4.95	100	332	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	4880.00	52.97	60.91	-7.94	74.00	-21.03	100	180	Peak	Vertical	
2	4880.00	47.97	55.91	-7.94	54.00	-6.03	100	180	Average	Vertical	
3	7320.00	59.79	65.17	-5.38	74.00	-14.21	235	346	Peak	Vertical	
4	7320.00	50.14	55.52	-5.38	54.00	-3.86	235	346	Average	Vertical	

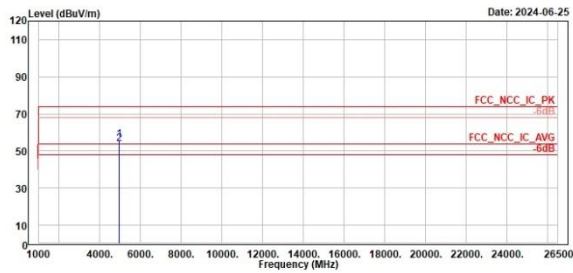
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



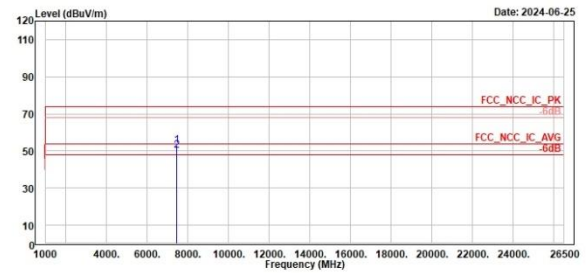
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4960.00	56.01	63.82	-7.81	74.00	-17.99	100	329	Peak	Horizontal	
2	4960.00	53.79	61.60	-7.81	54.00	-0.21	100	329	Average	Horizontal	



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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	52.80	58.21	-5.41	74.00	-21.20	100	349	Peak	Vertical	
2	7440.00	50.83	55.44	-5.41	54.00	-3.97	100	349	Average	Vertical	

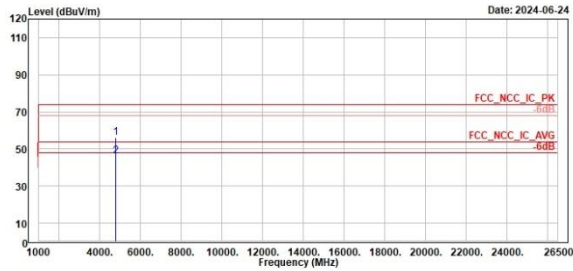
BLE_2M

Low Channel (Horizontal)

Low Channel (Vertical)



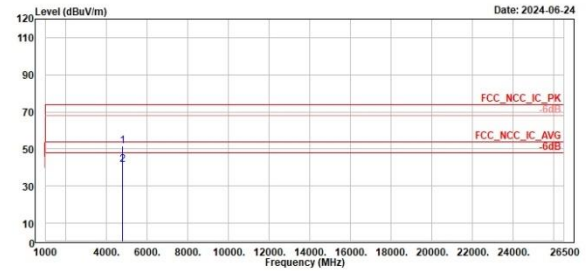
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4804.00	56.15	64.17	-8.02	74.00	-17.85	100	336	Peak	Horizontal	
2	4804.00	46.12	54.14	-8.02	54.00	-7.88	100	336	Average	Horizontal	



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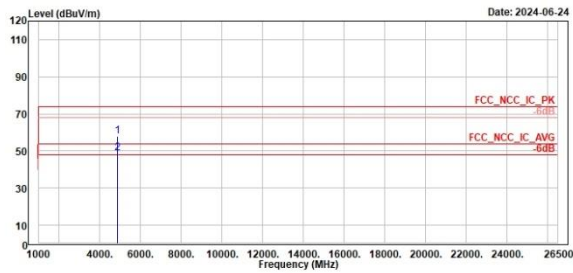
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4804.00	51.66	59.68	-8.02	74.00	-22.34	105	168	Peak	Vertical	
2	4804.00	41.57	49.59	-8.02	54.00	-12.43	105	168	Average	Vertical	

BLE_2M

Middle Channel (Horizontal)



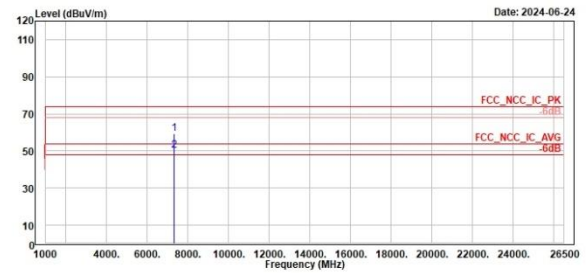
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4880.00	58.12	66.06	-7.94	74.00	-15.88	110	360	Peak	Horizontal		
2	4880.00	48.98	56.92	-7.94	54.00	-5.02	110	360	Average	Horizontal		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	7320.00	59.10	64.48	-5.38	74.00	-14.90	100	340	Peak	Vertical		
2	7320.00	50.03	55.41	-5.38	54.00	-3.97	100	340	Average	Vertical		

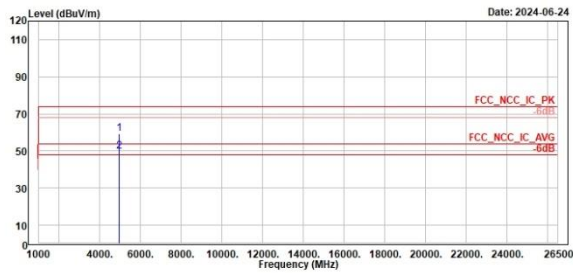
BLE_2M

High Channel (Horizontal)

High Channel (Vertical)



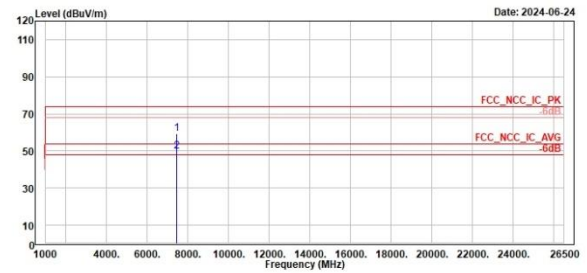
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	4960.00	59.37	67.18	-7.81	74.00	-14.63	100	145	Peak	Horizontal	
2	4960.00	49.65	57.46	-7.81	54.00	-4.35	100	145	Average	Horizontal	



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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	cm	deg			
1	7440.00	59.39	64.00	-5.41	74.00	-14.61	100	348	Peak	Vertical	
2	7440.00	49.61	55.02	-5.41	54.00	-4.39	100	348	Average	Vertical	

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

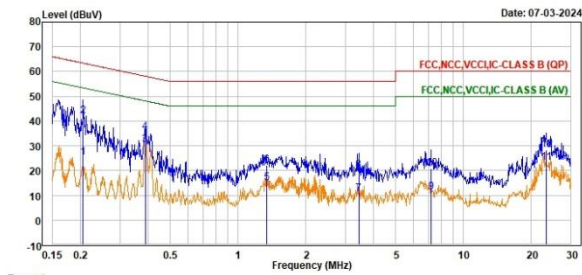
Worst Band

(Line)

(Neutral)



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