

Appendix B: Test Results of Radiated Spurious Emissions & Mains

Conducted Emission Test

<Adapter Mode>

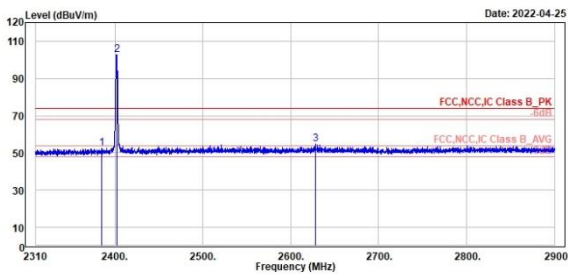
Band Edges, 2.31GHz ~ 2.9GHz

BLE_1M

Low Channel (Horizontal) Peak



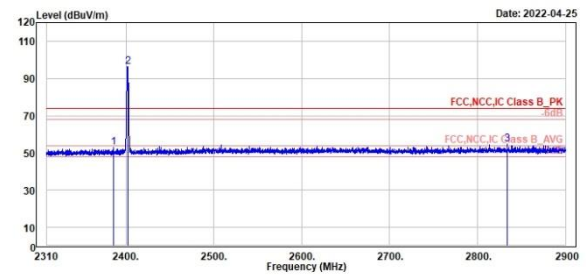
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2385.40	52.48	14.93	37.55	74.00	-21.52		190	191	Peak	Horizontal	
2 *	2402.00	102.47	64.84	37.63	74.00	28.47		190	191	Peak	Horizontal	
3	2627.77	54.66	16.66	38.00	74.00	-19.34		190	191	Peak	Horizontal	



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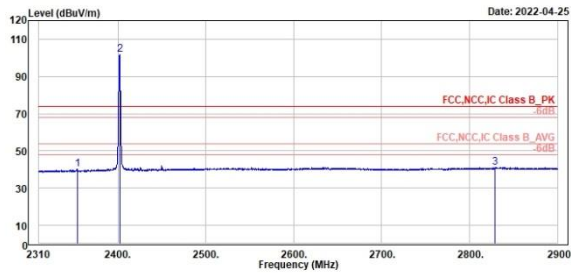
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2385.87	53.12	15.56	37.56	74.00	-20.88		283	178	Peak	Vertical	
2 *	2402.00	96.16	58.53	37.63	74.00	22.16		283	178	Peak	Vertical	
3	2833.68	54.54	16.37	38.17	74.00	-19.46		283	178	Peak	Vertical	

BLE_1M

Low Channel (Horizontal) Average



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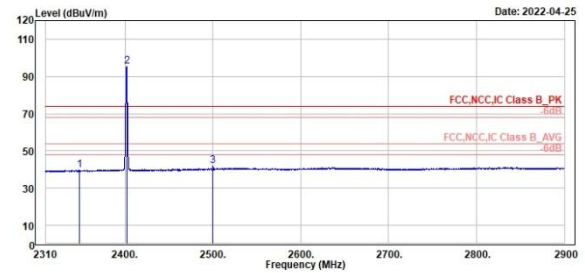


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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2354.01	40.16	2.76	37.40	54.00	-13.84	190	191	Average	Horizontal		
2 *	2402.00	101.54	63.91	37.63	54.00	47.54	190	191	Average	Horizontal		
3	2829.08	41.22	3.04	38.18	54.00	-12.78	190	191	Average	Horizontal		

Low Channel (Vertical) Average



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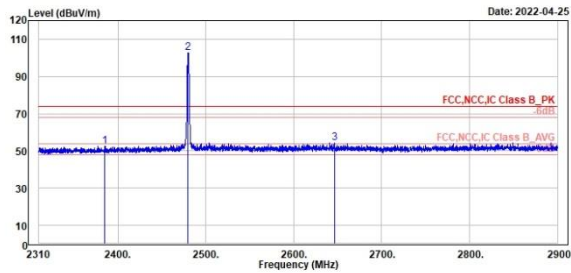
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2348.11	39.70	2.33	37.37	54.00	-14.30	283	178	Average	Vertical		
2 *	2402.00	95.25	57.62	37.63	54.00	41.25	283	178	Average	Vertical		
3	2499.86	41.77	3.92	37.85	54.00	-12.23	283	178	Average	Vertical		

BLE_1M

High Channel (Horizontal) Peak



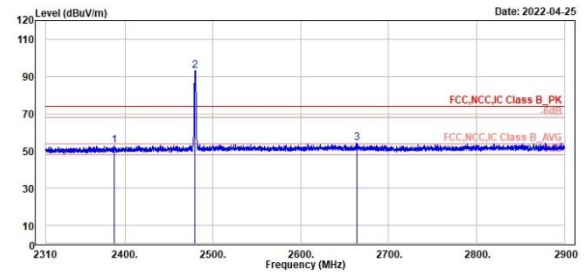
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2385.48	52.45	14.90	37.55	74.00	-21.55	202	192 Peak	Horizontal		
2 *	2480.00	102.72	64.93	37.79	74.00	28.72	202	192 Peak	Horizontal		
3	2646.42	54.50	16.48	38.02	74.00	-19.50	202	192 Peak	Horizontal		



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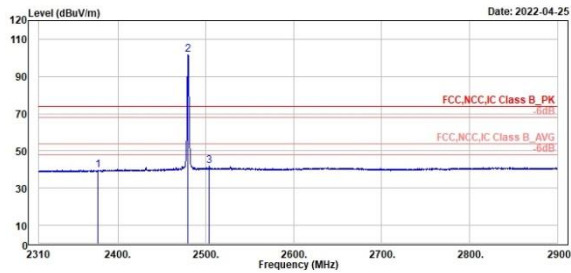
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2388.35	52.89	15.32	37.57	74.00	-21.11	176	175 Peak	Vertical		
2 *	2480.00	93.01	55.22	37.79	74.00	19.01	176	175 Peak	Vertical		
3	2664.24	54.44	16.46	37.98	74.00	-19.56	176	175 Peak	Vertical		

BLE_1M

High Channel (Horizontal) Average



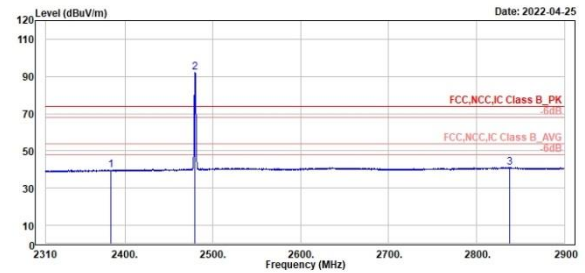
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2377.73	39.66	2.14	37.52	54.00	-14.34	202	192	Average	Horizontal	
2 *	2480.00	101.72	63.93	37.79	54.00	47.72	202	192	Average	Horizontal	
3	2503.99	41.91	4.06	37.85	54.00	-12.09	202	192	Average	Horizontal	



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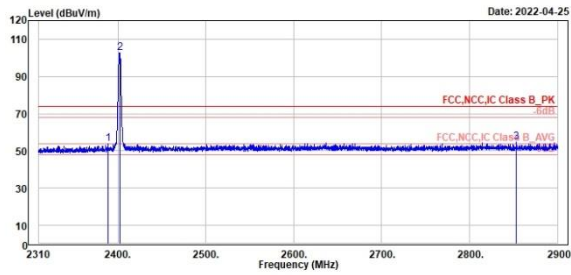
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2383.75	39.71	2.16	37.55	54.00	-14.29	176	175	Average	Vertical	
2 *	2480.00	92.02	54.23	37.79	54.00	38.02	176	175	Average	Vertical	
3	2837.46	40.93	2.75	38.18	54.00	-13.07	176	175	Average	Vertical	

BLE_2M

Low Channel (Horizontal) Peak



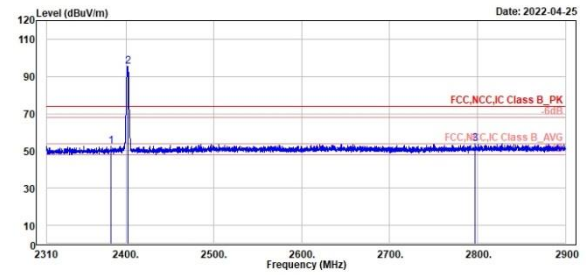
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2389.06	53.62	16.04	37.58	74.00	-20.38	282	205	Peak	Horizontal	
2 *	2402.00	102.73	65.19	37.63	74.00	28.73	282	205	Peak	Horizontal	
3	2852.68	54.57	16.39	38.18	74.00	-19.43	282	205	Peak	Horizontal	



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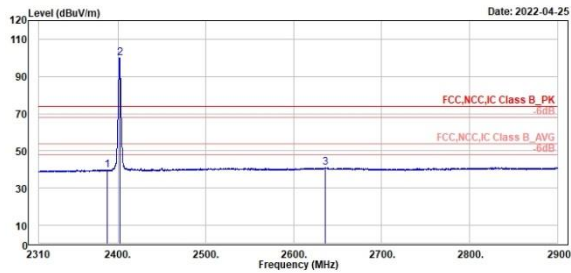
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MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	cm	deg			
1	2382.81	52.69	15.06	37.54	74.00	-21.40	283	172	Peak	Vertical	
2 *	2402.00	95.59	57.87	37.63	74.00	21.59	283	172	Peak	Vertical	
3	2797.10	54.04	15.84	38.20	74.00	-19.96	283	172	Peak	Vertical	

BLE_2M

Low Channel (Horizontal) Average



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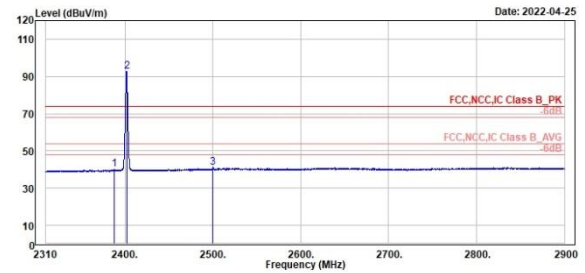


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2388.12	39.89	2.32	37.57	54.00	-14.11	282	205	Average	Horizontal		
2 *	2402.00	100.09	62.46	37.63	54.00	46.09	282	205	Average	Horizontal		
3	2636.27	40.99	2.98	38.01	54.00	-13.01	282	205	Average	Horizontal		

Low Channel (Vertical) Average



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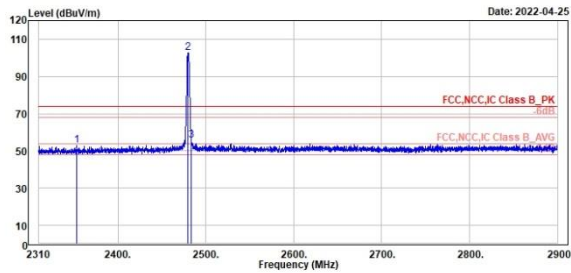
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2388.12	39.94	2.37	37.57	54.00	-14.06	283	172	Average	Vertical		
2 *	2402.00	92.82	55.19	37.63	54.00	38.82	283	172	Average	Vertical		
3	2499.98	41.07	3.22	37.85	54.00	-12.93	283	172	Average	Vertical		

BLE_2M

High Channel (Horizontal) Peak



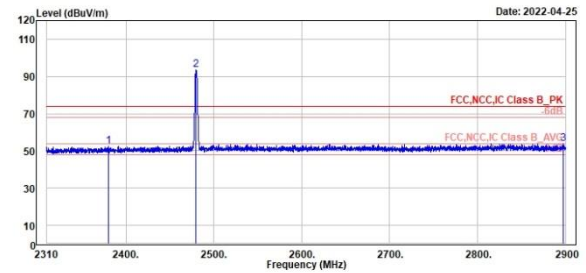
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2352.83	52.73	15.34	37.39	74.00	-21.27	203	192	Peak	Horizontal	
2 *	2480.00	102.65	64.86	37.79	74.00	28.65	203	192	Peak	Horizontal	
3	2483.46	55.54	17.74	37.80	74.00	-18.46	203	192	Peak	Horizontal	



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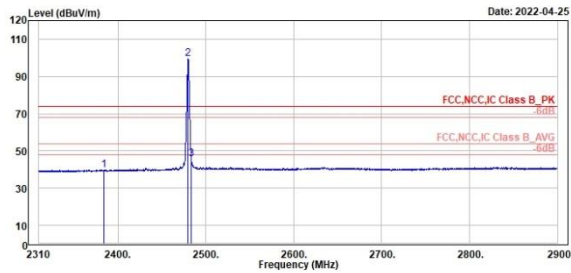
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2380.68	52.38	14.85	37.53	74.00	-21.62	317	174	Peak	Vertical	
2 *	2480.00	93.40	55.61	37.79	74.00	19.40	317	174	Peak	Vertical	
3	2897.52	53.92	15.51	38.41	74.00	-20.08	317	174	Peak	Vertical	

BLE_2M

High Channel (Horizontal) Average



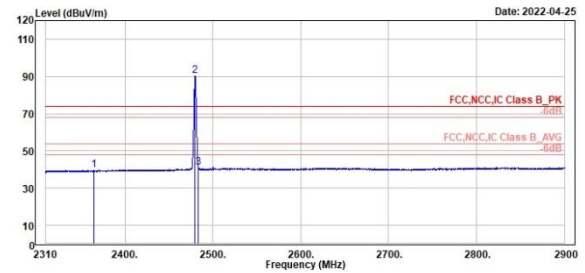
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2383.87	39.69	2.14	37.55	54.00	-14.31	203	192	Average	Horizontal	
2 *	2480.00	99.69	61.90	37.79	54.00	45.69	203	192	Average	Horizontal	
3	2483.46	45.65	7.85	37.80	54.00	-8.35	203	192	Average	Horizontal	



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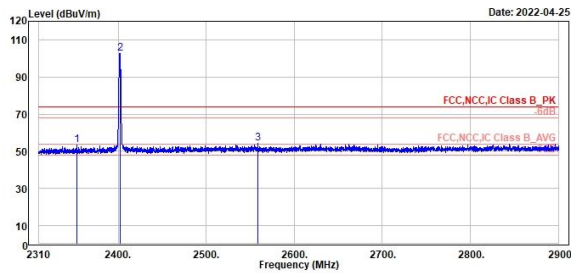
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2364.52	39.63	2.18	37.45	54.00	-14.37	317	174	Average	Vertical	
2 *	2480.00	90.31	52.52	37.79	54.00	36.31	317	174	Average	Vertical	
3	2483.46	41.28	3.48	37.80	54.00	-12.72	317	174	Average	Vertical	

BLE_125K

Low Channel (Horizontal) Peak



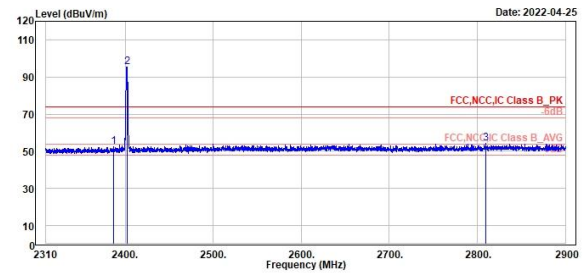
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2352.83	53.36	15.97	37.39	74.00	-20.64	283	207 Peak	Horizontal		
2 *	2402.00	102.46	64.83	37.63	74.00	28.46	283	207 Peak	Horizontal		
3	2558.74	54.28	16.36	37.92	74.00	-19.72	283	207 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	2387.17	52.63	15.06	37.57	74.00	-21.37	256	171 Peak	Vertical		
2 *	2402.00	95.57	57.94	37.63	74.00	21.57	256	171 Peak	Vertical		
3	2809.26	54.33	16.14	38.19	74.00	-19.67	256	171 Peak	Vertical		

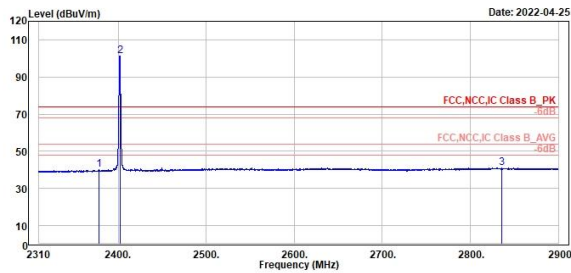
BLE_125K

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



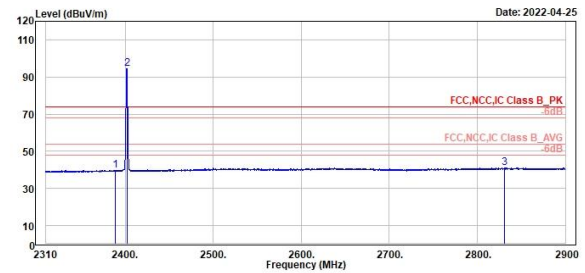
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2377.97	40.13	2.61	37.52	54.00	-13.87	283	207	Average	Horizontal		
2 *	2402.00	101.34	63.71	37.63	54.00	47.34	283	207	Average	Horizontal		
3	2835.81	41.13	2.95	38.18	54.00	-12.87	283	207	Average	Horizontal		



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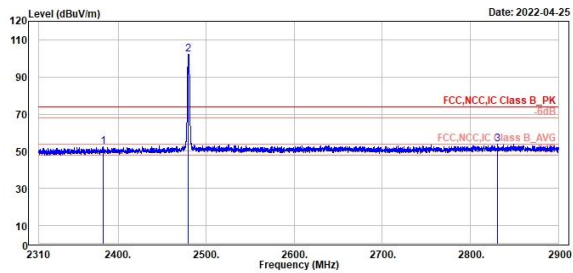
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2388.59	39.72	2.15	37.57	54.00	-14.28	256	171	Average	Vertical		
2 *	2402.00	94.43	56.80	37.63	54.00	40.43	256	171	Average	Vertical		
3	2830.73	41.06	2.88	38.18	54.00	-12.94	256	171	Average	Vertical		

BLE_125K

High Channel (Horizontal) Peak



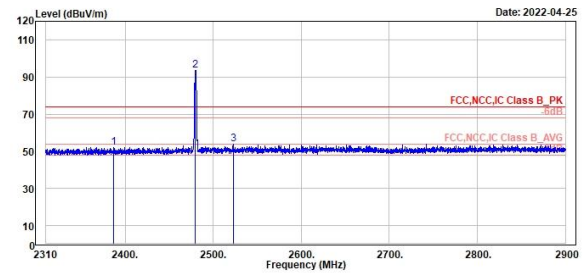
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2383.28	52.43	14.89	37.54	74.00	-21.57	243	192	Peak	Horizontal		
2 *	2480.00	102.42	64.63	37.79	74.00	28.42	243	192	Peak	Horizontal		
3	2831.09	53.76	15.58	38.18	74.00	-20.24	243	192	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	2387.17	52.19	14.62	37.57	74.00	-21.81	292	178	Peak	Vertical		
2 *	2480.00	93.54	55.75	37.79	74.00	19.54	292	178	Peak	Vertical		
3	2522.75	53.75	15.87	37.88	74.00	-20.25	292	178	Peak	Vertical		

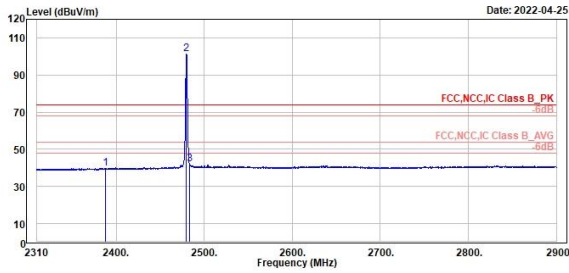
BLE_125K

High Channel (Horizontal) Average

High Channel (Vertical) Average



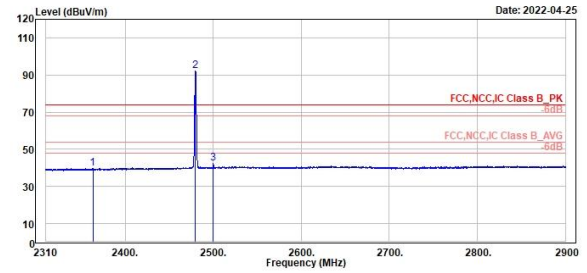
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2387.76	39.74	2.17	37.57	54.00	-14.26	243	192	Average	Horizontal		
2 *	2480.00	101.22	63.43	37.79	54.00	47.22	243	192	Average	Horizontal		
3	2483.46	41.88	4.08	37.80	54.00	-12.12	243	192	Average	Horizontal		



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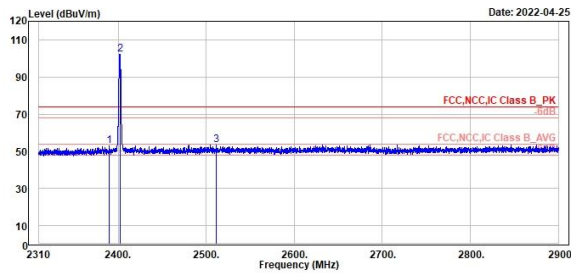
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2363.34	39.72	2.28	37.44	54.00	-14.28	292	178	Average	Vertical		
2 *	2480.00	92.35	54.56	37.79	54.00	38.35	292	178	Average	Vertical		
3	2499.98	42.34	4.49	37.85	54.00	-11.66	292	178	Average	Vertical		

BLE_500K

Low Channel (Horizontal) Peak



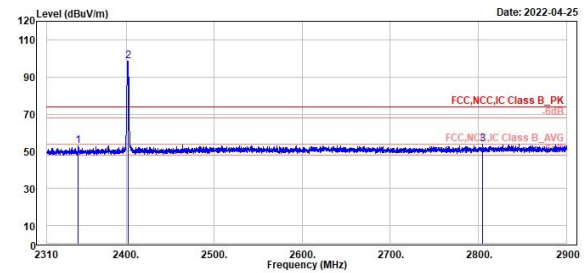
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2389.89	52.98	15.48	37.58	74.00	-21.02	283	207 Peak		Horizontal		
2 *	2482.00	102.38	64.75	37.63	74.00	28.38	283	207 Peak		Horizontal		
3	2511.31	53.55	15.69	37.86	74.00	-20.45	283	207 Peak		Horizontal		



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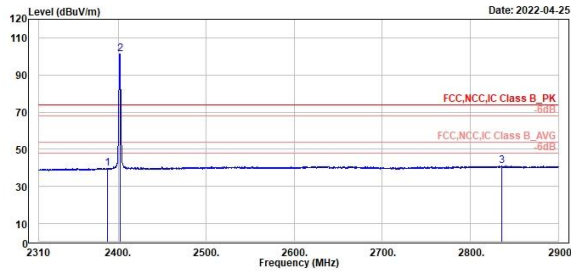
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2345.52	52.98	15.62	37.36	74.00	-21.02	283	201 Peak		Vertical		
2 *	2482.00	98.46	68.83	37.63	74.00	24.46	283	201 Peak		Vertical		
3	2805.13	53.83	15.63	38.20	74.00	-20.17	283	201 Peak		Vertical		

BLE_500K

Low Channel (Horizontal) Average



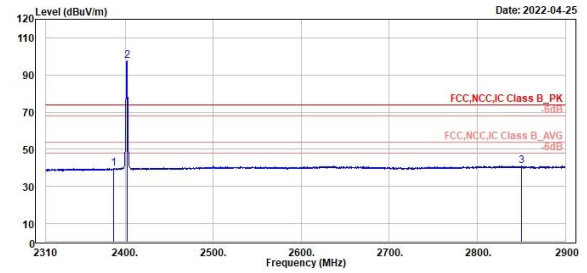
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Low Channel (Vertical) Average



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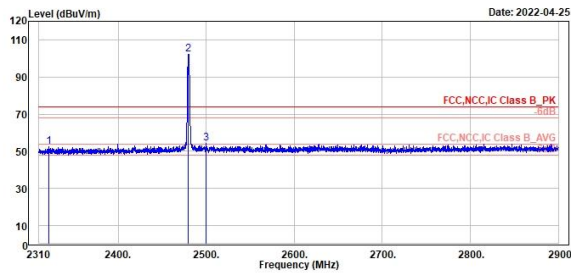


BLE_500K

High Channel (Horizontal) Peak



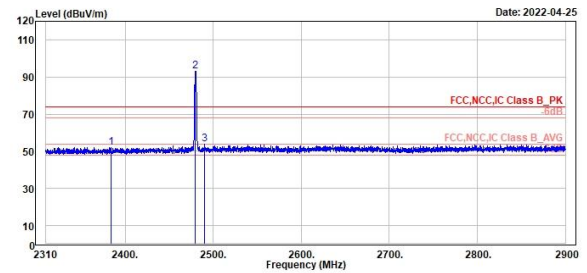
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2321.68	52.38	15.18	37.28	74.00	-21.62	245	190	Peak	Horizontal		
2 *	2480.00	102.27	64.48	37.79	74.00	28.27	245	190	Peak	Horizontal		
3	2499.98	54.09	16.24	37.85	74.00	-19.91	245	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	dB	cm	deg			
1	2383.87	52.20	14.65	37.55	74.00	-21.80	294	173	Peak	Vertical		
2 *	2480.00	92.99	55.28	37.79	74.00	18.99	294	173	Peak	Vertical		
3	2490.66	53.88	16.06	37.82	74.00	-20.12	294	173	Peak	Vertical		

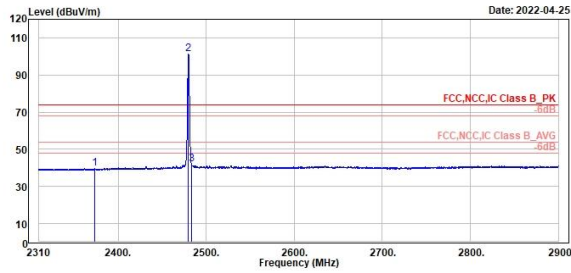
BLE_500K

High Channel (Horizontal) Average

High Channel (Vertical) Average



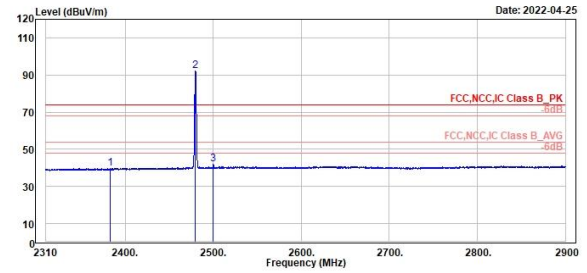
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2373.48	39.59	2.10	37.49	54.00	-14.41	245	190	Average	Horizontal		
2 *	2480.00	101.26	63.47	37.79	54.00	47.26	245	190	Average	Horizontal		
3	2483.46	42.11	4.31	37.80	54.00	-11.89	245	190	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	2383.51	39.63	2.09	37.54	54.00	-14.37	294	173	Average	Vertical		
2 *	2480.00	91.98	54.19	37.79	54.00	37.98	294	173	Average	Vertical		
3	2500.10	41.90	4.05	37.85	54.00	-12.10	294	173	Average	Vertical		

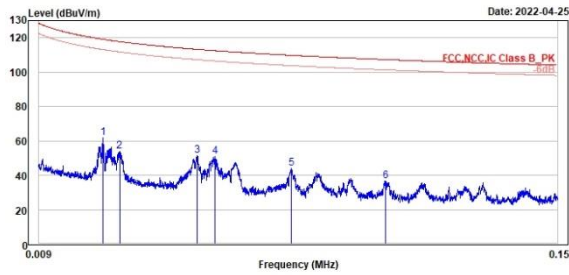
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

BLE_1M

Low Channel (Open) 9kHz~150kHz



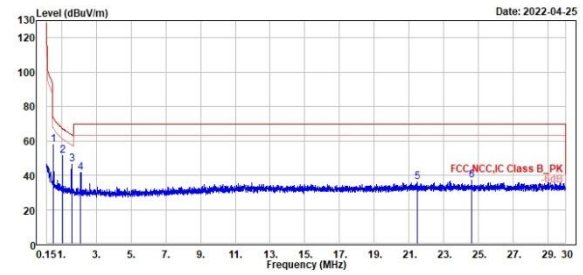
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.03	62.01	42.82	19.19	119.14	-57.13	100	248	QP	Open	
2	0.03	53.68	34.18	19.50	117.77	-64.09	100	250	QP	Open	
3	0.05	51.38	32.11	19.27	113.27	-61.89	100	242	QP	Open	
4	0.06	50.98	31.82	19.16	112.48	-61.50	100	248	QP	Open	
5	0.08	44.11	25.41	18.70	109.79	-65.68	100	244	QP	Open	
6	0.10	36.72	18.49	18.23	107.32	-70.60	100	238	QP	Open	



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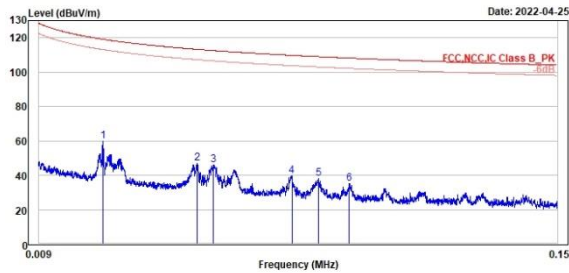
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.53	57.72	38.75	18.97	73.18	-15.46	100	149	QP	Open	
2	1.06	51.58	32.30	19.28	67.12	-15.54	100	153	QP	Open	
3	1.59	46.46	27.11	19.35	63.60	-17.14	100	149	QP	Open	
4	2.11	41.76	22.34	19.42	69.50	-27.74	100	155	QP	Open	
5	21.47	35.90	13.64	22.26	69.50	-33.60	100	60	QP	Open	
6	24.59	36.94	14.53	22.41	69.50	-32.56	100	360	QP	Open	

BLE_1M

Low Channel (Close) 9kHz~150kHz



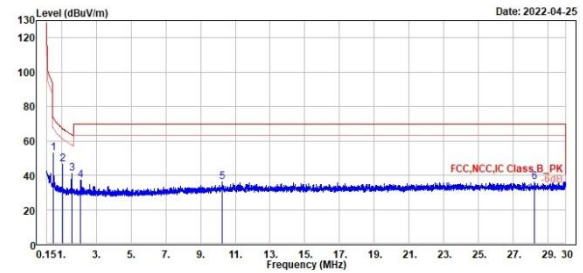
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.03	59.96	46.77	19.19	119.14	-59.18	100	215	QP	Close		
2	0.05	47.00	27.73	19.27	113.27	-66.27	100	192	QP	Close		
3	0.06	45.93	26.76	19.17	112.56	-66.63	100	209	QP	Close		
4	0.08	39.68	20.98	18.70	109.78	-70.10	100	201	QP	Close		
5	0.09	38.26	19.72	18.54	109.00	-70.74	100	195	QP	Close		
6	0.09	35.32	16.97	18.35	108.18	-72.06	100	215	QP	Close		



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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	0.53	52.94	33.97	18.97	73.18	-20.24	100	107	QP	Close		
2	1.06	46.53	27.25	19.28	67.12	-20.59	100	89	QP	Close		
3	1.59	41.02	21.67	19.35	63.60	-22.58	100	107	QP	Close		
4	2.11	37.21	17.79	19.42	69.50	-32.29	100	95	QP	Close		
5	10.25	36.16	14.64	21.52	69.50	-33.34	100	246	QP	Close		
6	28.22	35.88	13.31	22.57	69.50	-33.62	100	221	QP	Close		

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

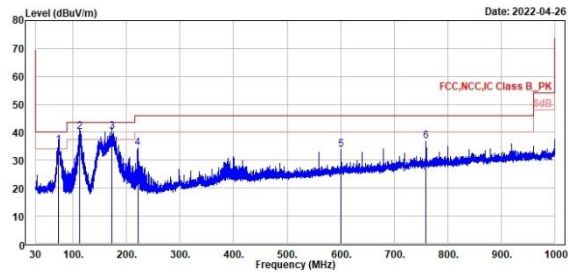
BLE_1M

Low Channel (Horizontal)

Low Channel (Vertical)



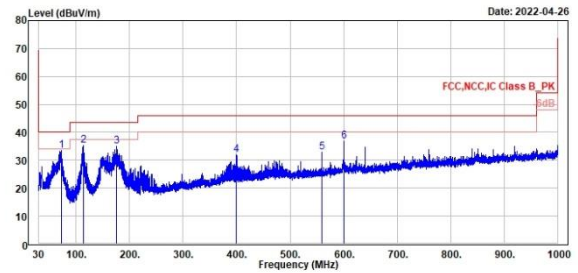
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	72.49	35.36	44.36	-9.00	40.00	-4.64	200	118 QP	Horizontal	
2	112.55	40.02	49.26	-9.24	43.50	-3.48	300	179 QP	Horizontal	
3	172.49	40.01	46.42	-6.41	43.50	-3.49	200	255 QP	Horizontal	
4	220.80	34.32	42.30	-7.98	46.00	-11.68	100	72 QP	Horizontal	
5	599.97	33.90	33.70	0.20	46.00	-12.10	100	321 QP	Horizontal	
6	768.02	36.96	34.29	2.67	46.00	-9.04	100	42 QP	Horizontal	



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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	72.49	33.39	42.39	-9.00	40.00	-6.61	100	256 QP	Vertical	
2	113.03	35.28	44.42	-9.14	43.50	-8.22	100	99 QP	Vertical	
3	175.02	35.06	41.79	-6.73	43.50	-8.44	200	181 QP	Vertical	
4	399.96	31.92	34.88	-2.96	46.00	-14.08	100	219 QP	Vertical	
5	568.01	32.89	33.57	-0.68	46.00	-13.11	100	268 QP	Vertical	
6	599.97	36.72	36.52	0.20	46.00	-9.28	200	14 QP	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

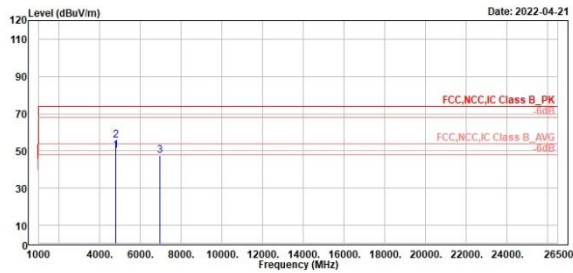
BLE_1M

Low Channel (Horizontal)

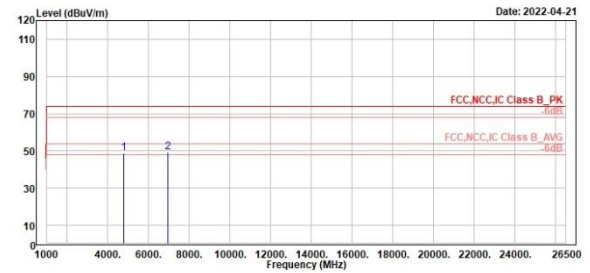
Low Channel (Vertical)



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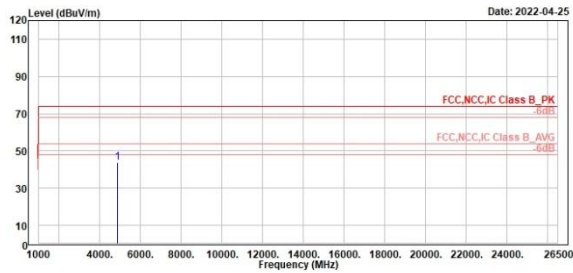
BLE_1M

Middle Channel (Horizontal)

Middle Channel (Vertical)



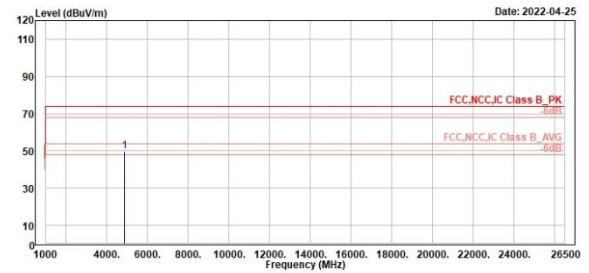
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4880.00	43.92	53.71	-9.79	74.00	-30.08	100	94	Peak	Horizontal		



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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	4880.00	49.86	59.65	-9.79	74.00	-24.14	100	158	Peak	Vertical		

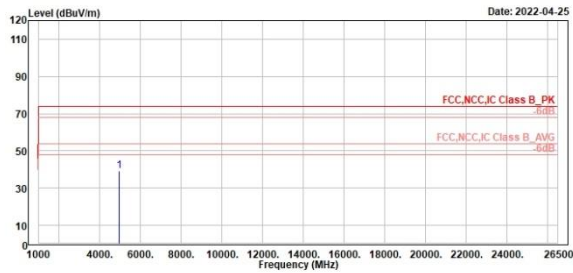
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



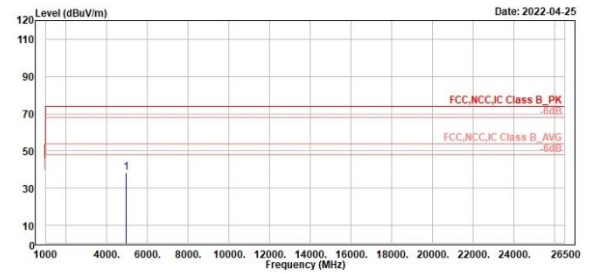
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4960.00	39.09	48.63	-9.54	74.00	-34.91	200	124	Peak	Horizontal	



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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	4960.00	38.43	47.97	-9.54	74.00	-35.57	100	111	Peak	Vertical	

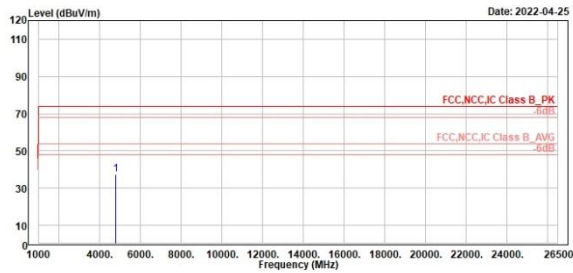
BLE_2M

Low Channel (Horizontal)

Low Channel (Vertical)



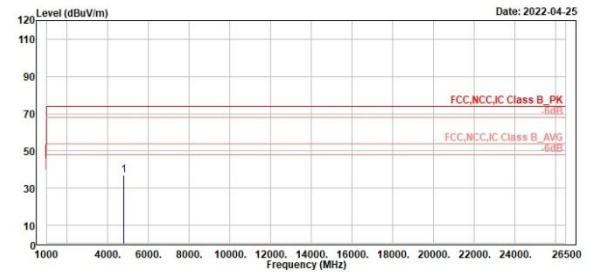
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4884.00	37.19	47.06	-9.87	74.00	-36.81	100	321	Peak	Horizontal		



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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	4884.00	37.17	47.04	-9.87	74.00	-36.83	253	360	Peak	Vertical		

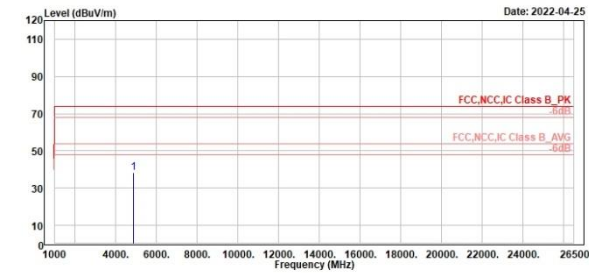
BLE_2M

Middle Channel (Horizontal)

Middle Channel (Vertical)



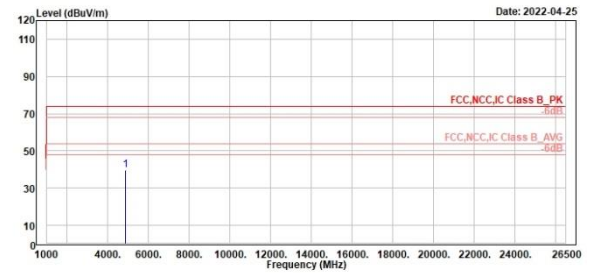
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 4880.00	38.53	48.32	-9.79	74.00	-35.47	100	111	Peak	Horizontal		



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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 4880.00	39.57	49.36	-9.79	74.00	-34.43	300	167	Peak	Vertical		

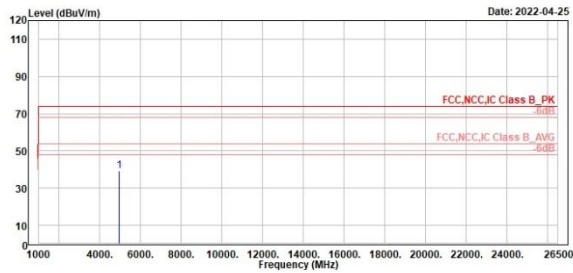
BLE_2M

High Channel (Horizontal)

High Channel (Vertical)



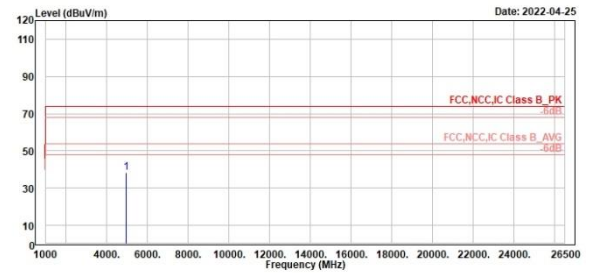
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4960.00	39.04	48.58	-9.54	74.00	-34.96	200	241	Peak	Horizontal	



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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	4960.00	38.31	47.85	-9.54	74.00	-35.69	100	258	Peak	Vertical	

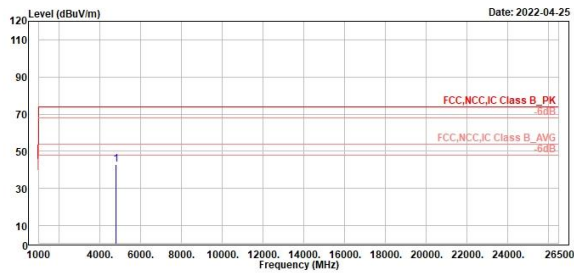
BLE_125K

Low Channel (Horizontal)

Low Channel (Vertical)



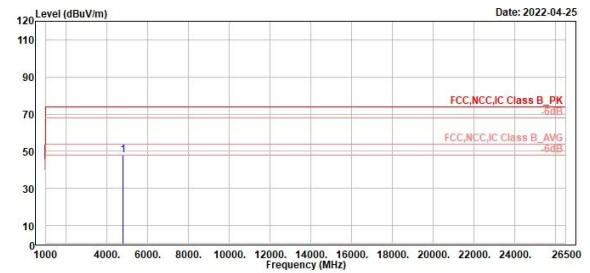
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4884.00	42.97	52.84	-9.87	74.00	-31.03	100	111	Peak	Horizontal	



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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	4884.00	47.97	57.84	-9.87	74.00	-26.03	200	105	Peak	Vertical	

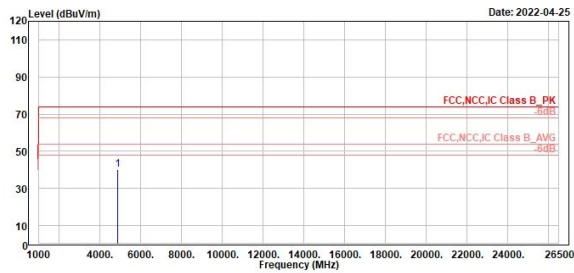
BLE_125K

Middle Channel (Horizontal)

Middle Channel (Vertical)



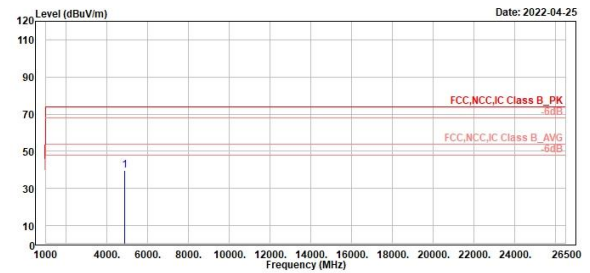
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1 4880.00	40.03	49.82	-9.79	74.00	-33.97	300	240	Peak	Horizontal		



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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 4880.00	39.63	49.42	-9.79	74.00	-34.37	100	157	Peak	Vertical		

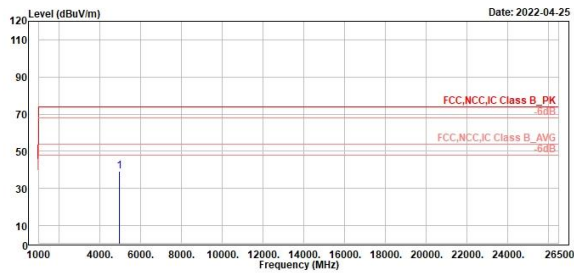
BLE_125K

High Channel (Horizontal)

High Channel (Vertical)



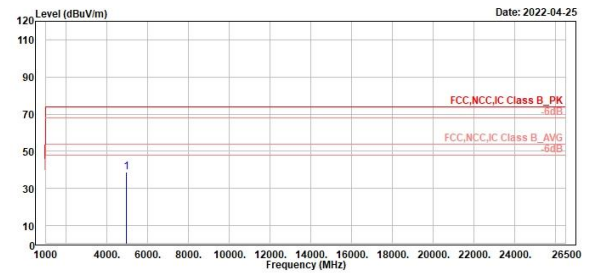
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4960.00	39.17	48.71	-9.54	74.00	-34.83	300	133	Peak	Horizontal	



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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	4960.00	38.62	48.16	-9.54	74.00	-35.38	100	316	Peak	Vertical	

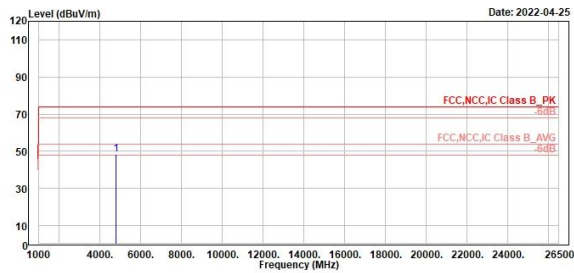
BLE_500K

Low Channel (Horizontal)

Low Channel (Vertical)



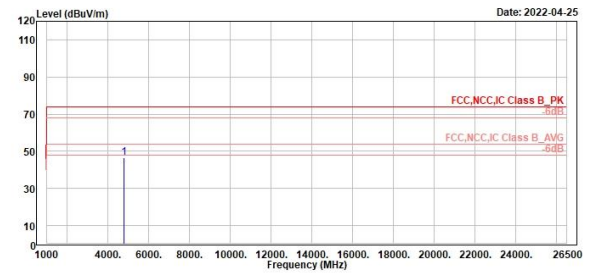
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4884.00	48.59	58.46	-9.87	74.00	-25.41	300	182	Peak	Horizontal	



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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	4884.00	46.67	56.54	-9.87	74.00	-27.33	300	226	Peak	Vertical	

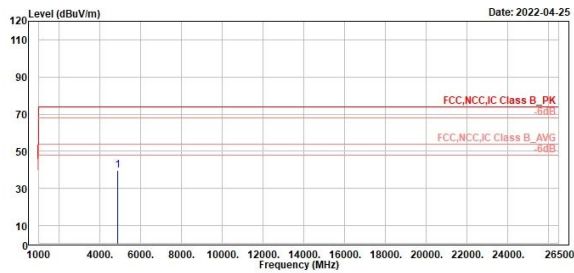
BLE_500K

Middle Channel (Horizontal)

Middle Channel (Vertical)



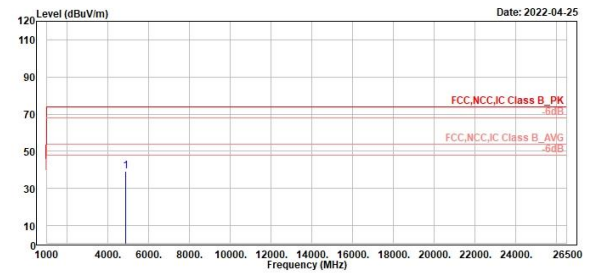
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4880.00	39.69	49.48	-9.79	74.00	-34.31	200	196	Peak	Horizontal	



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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	4880.00	39.15	48.94	-9.79	74.00	-34.85	300	110	Peak	Vertical	

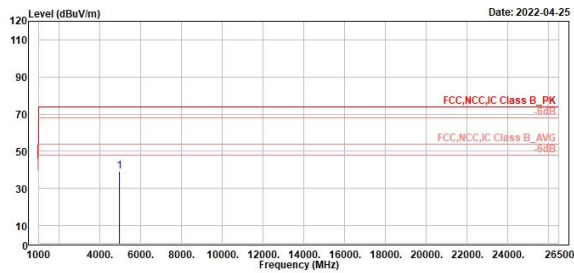
BLE_500K

High Channel (Horizontal)

High Channel (Vertical)



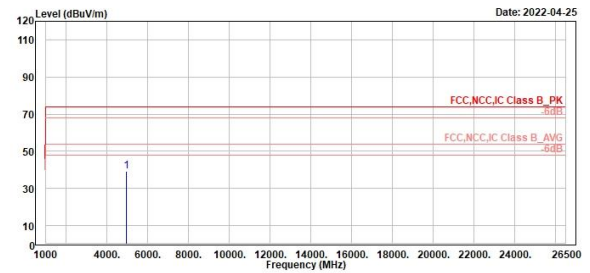
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4960.00	39.42	48.96	-9.54	74.00	-34.58	200	283	Peak	Horizontal	



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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	4960.00	39.20	48.74	-9.54	74.00	-34.80	300	293	Peak	Vertical	

<POE Mode>

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

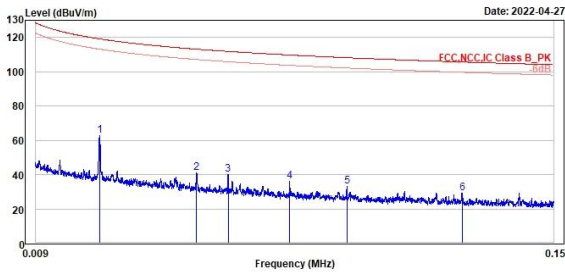
BLE_1M

Low Channel (Open) 9kHz~150kHz

Low Channel (Open) 150kHz~30MHz



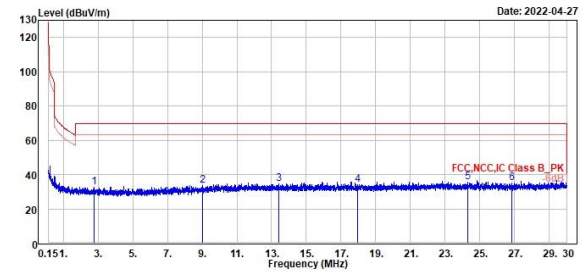
TÜV Rheinland Taiwan Ltd.
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.03	62.97	43.78	19.19	119.14	-56.17	100	152 QP	Open	
2	0.05	40.86	21.61	19.25	113.13	-72.27	100	4 QP	Open	
3	0.06	40.14	21.08	19.06	111.83	-71.69	100	50 QP	Open	
4	0.08	35.90	17.21	18.69	109.74	-73.84	100	1 QP	Open	
5	0.09	33.23	14.88	18.35	108.15	-74.92	100	111 QP	Open	
6	0.13	29.28	10.97	18.31	105.66	-76.38	100	69 QP	Open	



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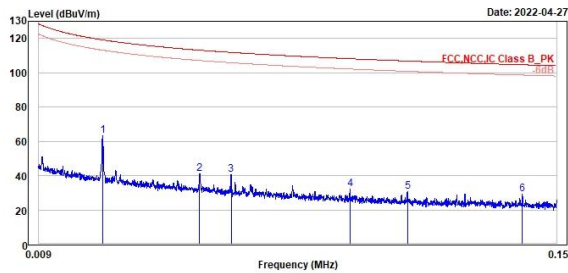
	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2.77	32.48	12.98	19.50	69.50	-37.02	100	270 QP	Open	
2	9.04	33.41	12.38	21.03	69.50	-36.09	100	317 QP	Open	
3	13.43	34.58	12.84	21.74	69.50	-34.92	100	257 QP	Open	
4	17.94	34.30	12.24	22.06	69.50	-35.20	100	309 QP	Open	
5	24.32	35.68	13.29	22.39	69.50	-33.82	100	270 QP	Open	
6	26.83	35.11	12.61	22.50	69.50	-34.39	100	139 QP	Open	

BLE_1M

Low Channel (Close) 9kHz~150kHz



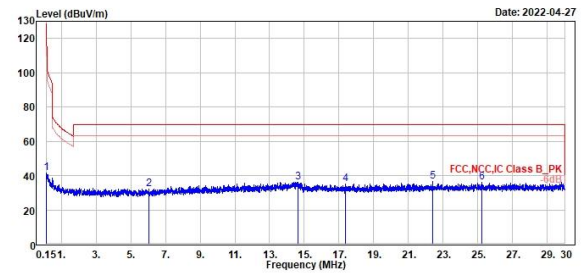
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.03	63.11	43.92	19.19	119.15	-56.04	100	239	QP	Close		
2	0.05	41.25	22.00	19.25	113.13	-71.88	100	149	QP	Close		
3	0.06	40.62	21.56	19.06	111.83	-71.21	100	82	QP	Close		
4	0.09	31.98	13.63	18.35	108.15	-76.17	100	254	QP	Close		
5	0.11	30.86	12.61	18.25	106.82	-75.96	100	9	QP	Close		
6	0.14	28.95	10.59	18.36	104.64	-75.69	100	292	QP	Close		



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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	0.15	41.60	23.20	18.40	104.80	-62.48	100	223	QP	Close		
2	6.05	32.30	12.50	19.80	69.50	-37.20	100	223	QP	Close		
3	14.63	36.23	14.40	21.83	69.50	-33.27	100	231	QP	Close		
4	17.36	35.32	13.31	22.01	69.50	-34.18	100	141	QP	Close		
5	22.42	36.66	14.35	22.31	69.50	-32.84	100	251	QP	Close		
6	25.23	35.94	13.50	22.44	69.50	-33.56	100	337	QP	Close		

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

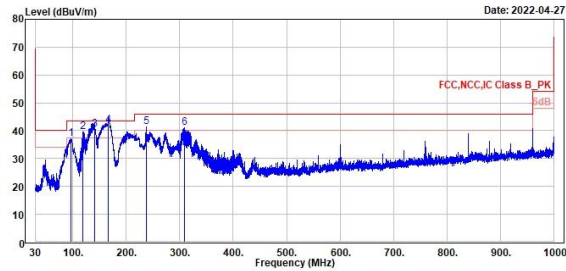
BLE_1M

Low Channel (Horizontal)

Low Channel (Vertical)



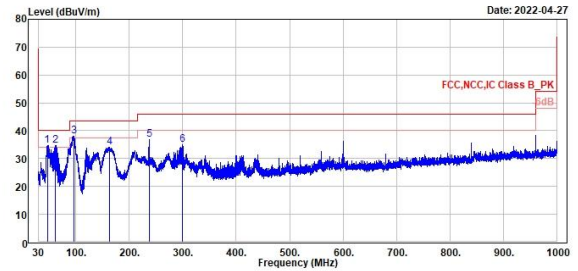
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	96.54	37.24	49.36	-12.12	43.50	-6.26	200	106	QP	Horizontal		
2	119.05	39.64	48.23	-8.59	43.50	-3.86	300	244	QP	Horizontal		
3	141.16	40.59	46.90	-6.31	43.50	-2.91	200	252	QP	Horizontal		
4	165.80	41.91	47.90	-5.99	43.50	-1.59	200	258	QP	Horizontal		
5	236.80	41.35	48.15	-6.80	46.00	-4.65	100	166	QP	Horizontal		
6	308.29	41.09	45.78	-4.69	46.00	-4.91	100	360	QP	Horizontal		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	46.30	34.61	40.50	-5.89	40.00	-5.39	200	220	QP	Vertical		
2	61.33	34.74	42.00	-7.26	40.00	-5.26	100	266	QP	Vertical		
3	96.06	38.11	50.37	-12.26	43.50	-5.39	100	122	QP	Vertical		
4	163.57	33.96	39.89	-5.93	43.50	-9.54	200	142	QP	Vertical		
5	236.80	36.70	43.50	-6.80	46.00	-9.30	200	191	QP	Vertical		
6	298.88	34.99	39.73	-4.74	46.00	-11.01	200	333	QP	Vertical		

Mains Conducted Emission, 150kHz ~ 30MHz

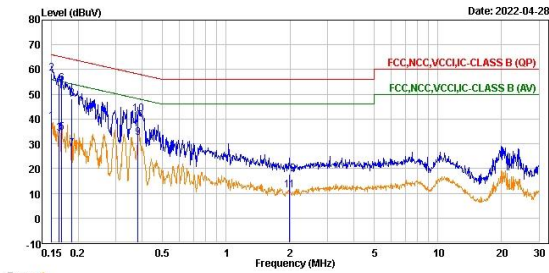
Worst Band (Adapter)

(Line)

(Neutral)



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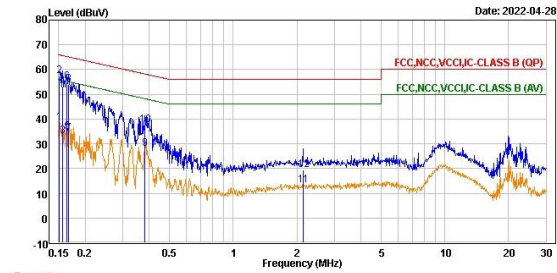


Trace: 1

	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	39.05	29.44	9.61	56.00	-16.95	Average	line1	
2	0.15	58.54	48.93	9.61	66.00	-7.46	QP	line1	
3	0.16	34.06	24.45	9.61	55.38	-21.32	Average	line1	
4	0.16	54.10	44.49	9.61	65.38	-11.28	QP	line1	
5	0.17	34.34	24.73	9.61	55.09	-20.75	Average	line1	
6	0.17	54.24	44.63	9.61	65.09	-10.85	QP	line1	
7	0.19	27.94	18.33	9.61	54.22	-26.28	Average	line1	
8	0.19	48.21	38.60	9.61	64.22	-16.01	QP	line1	
9	0.38	32.59	22.97	9.62	48.26	-15.67	Average	line1	
10	0.38	41.88	32.26	9.62	58.26	-16.38	QP	line1	
11	1.98	11.24	1.59	9.65	46.00	-34.76	Average	line1	
12	1.98	17.74	8.09	9.65	56.00	-38.26	QP	line1	



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Trace: 1

	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	38.48	28.89	9.59	55.96	-17.48	Average	neutral	
2	0.15	57.43	47.84	9.59	65.96	-8.53	QP	neutral	
3	0.16	33.01	23.42	9.59	55.63	-22.62	Average	neutral	
4	0.16	53.06	43.47	9.59	65.63	-12.57	QP	neutral	
5	0.16	34.87	25.28	9.59	55.25	-20.38	Average	neutral	
6	0.16	54.86	45.27	9.59	65.25	-10.39	QP	neutral	
7	0.17	34.22	24.63	9.59	55.09	-20.87	Average	neutral	
8	0.17	54.01	44.42	9.59	65.09	-11.08	QP	neutral	
9	0.38	27.84	18.24	9.60	48.26	-20.42	Average	neutral	
10	0.38	37.64	28.04	9.60	58.26	-20.62	QP	neutral	
11	2.14	13.13	3.50	9.63	46.00	-32.87	Average	neutral	
12	2.14	19.42	9.79	9.63	56.00	-36.58	QP	neutral	

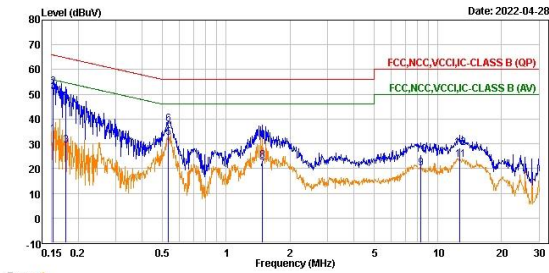
Worst Band (POE)

(Line)

(Neutral)



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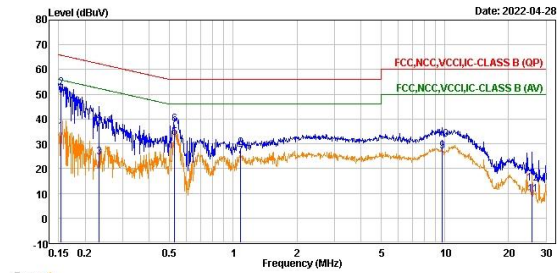


Trace: 1

	Freq	Level	Read	Limit	Over			
	MHz	dBuV	Factor	Line	Limit	Remark	Pol/Phase	Note
		dBuV	dB	dBuV	dB			
1	0.15	33.86	24.25	9.61	55.88	-22.02 Average	line1	
2	0.15	52.90	43.29	9.61	65.88	-12.98 QP	line1	
3	0.18	29.41	19.80	9.61	54.72	-25.31 Average	line1	
4	0.18	47.99	38.38	9.61	64.72	-16.73 QP	line1	
5	0.53	32.58	22.96	9.62	46.00	-13.42 Average	line1	
6	0.53	37.76	28.14	9.62	56.00	-18.24 QP	line1	
7	1.48	19.61	9.97	9.64	46.00	-26.39 Average	line1	
8	1.48	23.15	13.51	9.64	56.00	-32.85 QP	line1	
9	8.33	20.09	10.38	9.71	50.00	-29.91 Average	line1	
10	8.33	25.48	15.77	9.71	60.00	-34.52 QP	line1	
11	12.73	23.69	13.96	9.73	50.00	-26.31 Average	line1	
12	12.73	28.46	18.73	9.73	60.00	-31.54 QP	line1	



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Trace: 1

	Freq	Level	Read	Limit	Over			
	MHz	dBuV	Factor	Line	Limit	Remark	Pol/Phase	Note
		dBuV	dB	dBuV	dB			
1	0.15	34.67	25.08	9.59	55.83	-21.16 Average	neutral	
2	0.15	52.50	42.91	9.59	65.83	-13.33 QP	neutral	
3	0.23	24.42	14.83	9.59	52.36	-27.94 Average	neutral	
4	0.23	38.59	29.00	9.59	62.36	-23.77 QP	neutral	
5	0.53	32.48	22.88	9.60	46.00	-13.52 Average	neutral	
6	0.53	37.89	28.29	9.60	56.00	-18.11 QP	neutral	
7	1.08	24.85	15.25	9.60	46.00	-21.15 Average	neutral	
8	1.08	28.31	18.71	9.60	56.00	-27.69 QP	neutral	
9	9.73	27.07	17.33	9.74	50.00	-22.93 Average	neutral	
10	9.73	31.59	21.85	9.74	60.00	-28.41 QP	neutral	
11	25.83	9.58	-0.24	9.82	50.00	-40.42 Average	neutral	
12	25.83	14.12	4.30	9.82	60.00	-45.88 QP	neutral	