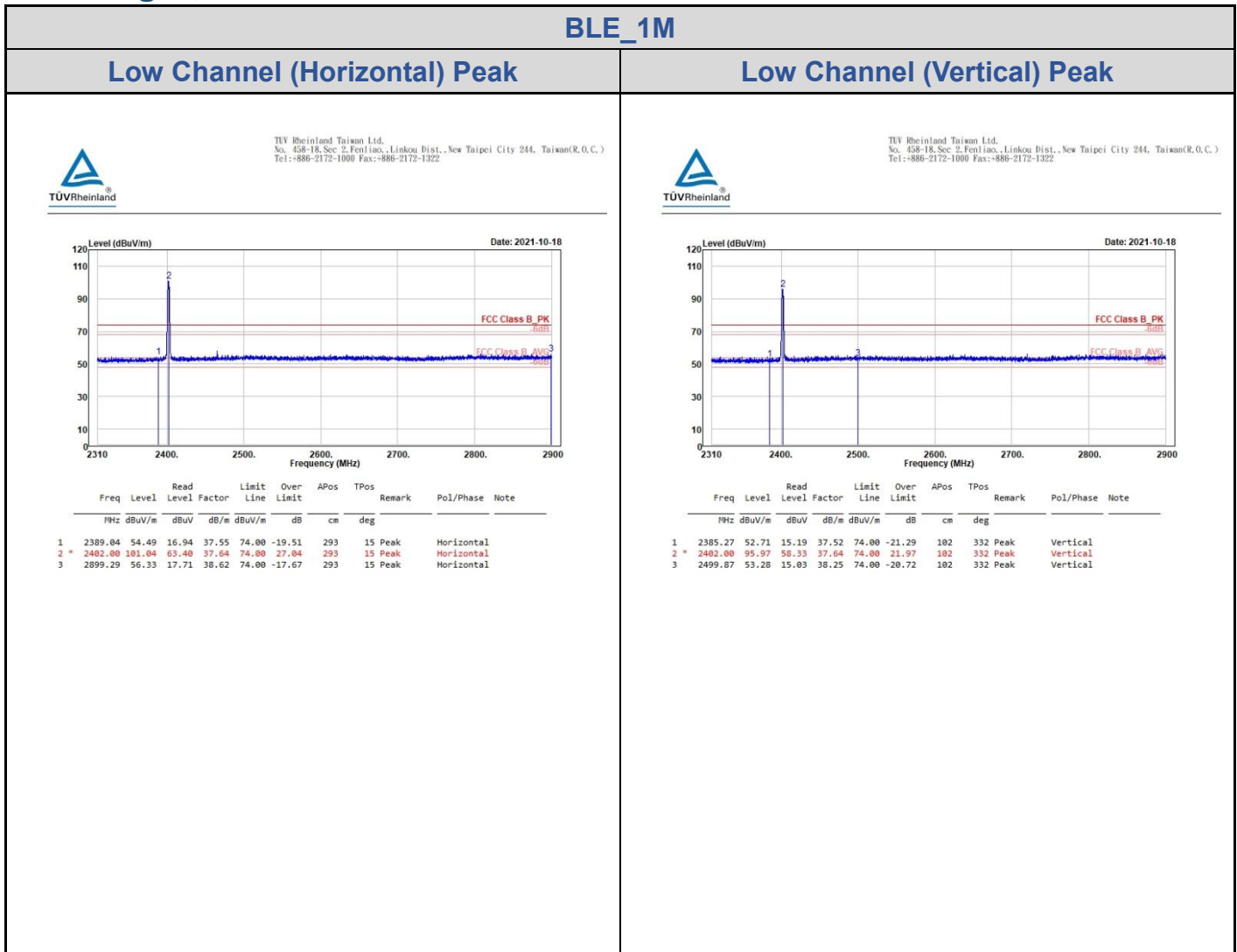


Appendix B: Test Results of Radiated Spurious Emissions & Mains

Radiated Emission Test

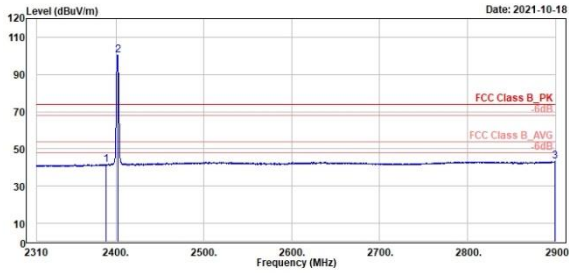
<Adapter Mode>

Band Edges, 2.31GHz ~ 2.9GHz



BLE_1M
Low Channel (Horizontal) Average
Low Channel (Vertical) Average

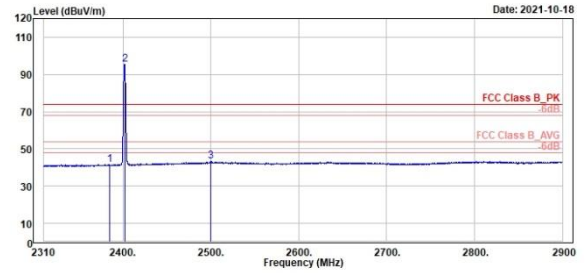

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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.04	41.68	4.13	37.55	54.00	-12.32	293	15 Average	Horizontal
2 *	2482.00	100.54	62.90	37.64	54.00	46.54	293	15 Average	Horizontal
3	2899.29	43.22	4.60	38.62	54.00	-10.78	293	15 Average	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	2385.27	41.48	3.96	37.52	54.00	-12.52	182	332 Average	Vertical
2 *	2482.00	95.38	57.66	37.64	54.00	41.38	182	332 Average	Vertical
3	2499.87	43.42	5.17	38.25	54.00	-10.58	182	332 Average	Vertical

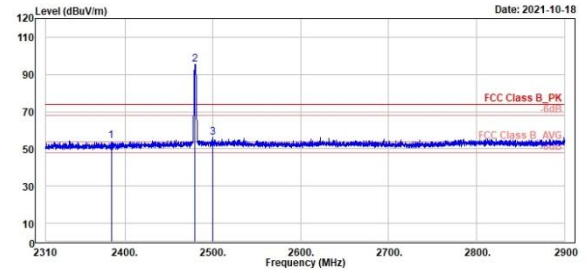
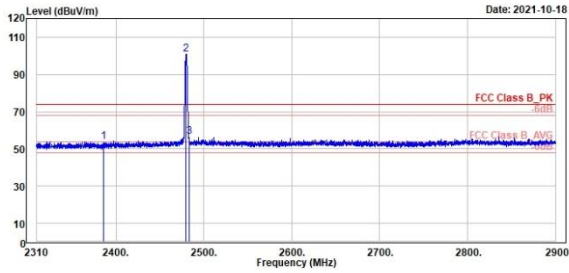
BLE_1M

High Channel (Horizontal) Peak

High Channel (Vertical) Peak

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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2386.46	53.97	16.43	37.54	74.00	-20.03	339	7	Peak	Horizontal	
2 *	2488.00	100.66	62.53	38.15	74.00	26.66	339	7	Peak	Horizontal	
3	2483.50	56.54	18.38	38.16	74.00	-17.46	339	7	Peak	Horizontal	

Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2384.50	54.10	16.58	37.52	74.00	-19.90	101	330	Peak	Vertical	
2 *	2480.00	95.56	57.41	38.15	74.00	21.56	101	330	Peak	Vertical	
3	2499.86	56.21	17.96	38.25	74.00	-17.79	101	330	Peak	Vertical	

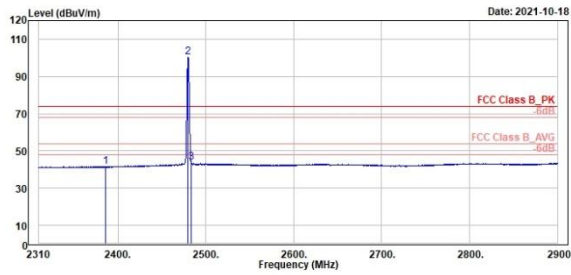
BLE_1M

High Channel (Horizontal) Average

High Channel (Vertical) Average



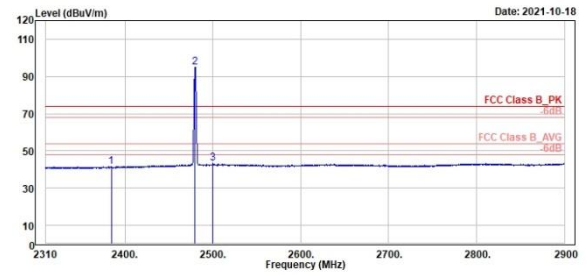
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2386.46	41.69	4.15	37.54	54.00	-12.31	339	7 Average	Horizontal
2 *	2488.00	100.33	62.18	38.15	54.00	46.33	339	7 Average	Horizontal
3	2483.50	43.66	5.50	38.16	54.00	-10.34	339	7 Average	Horizontal



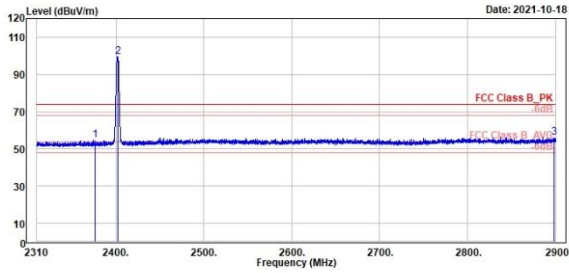
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2384.50	41.46	3.94	37.52	54.00	-12.54	101	330 Average	Vertical
2 *	2480.00	95.11	56.96	38.15	54.00	41.11	101	330 Average	Vertical
3	2499.86	43.23	4.98	38.25	54.00	-10.77	101	330 Average	Vertical

BLE_2M
Low Channel (Horizontal) Peak
Low Channel (Vertical) Peak

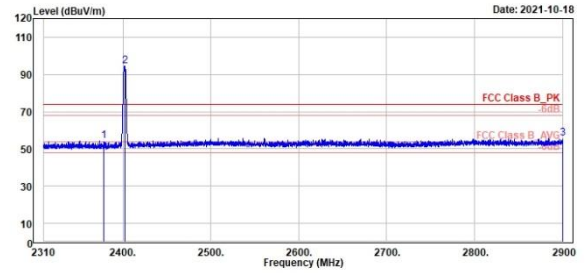

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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2375.96	54.88	17.42	37.46	74.00	-19.12	259	359	Peak	Horizontal	
2	2482.00	99.31	61.67	37.64	74.00	25.31	259	359	Peak	Horizontal	
3	2897.99	56.08	17.47	38.61	74.00	-17.92	259	359	Peak	Horizontal	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2375.96	54.88	17.42	37.46	74.00	-19.12	259	359	Peak	Horizontal	
2	2482.00	94.58	56.94	37.64	74.00	20.58	183	333	Peak	Vertical	
3	2900.00	55.72	17.10	38.62	74.00	-18.28	183	333	Peak	Vertical	

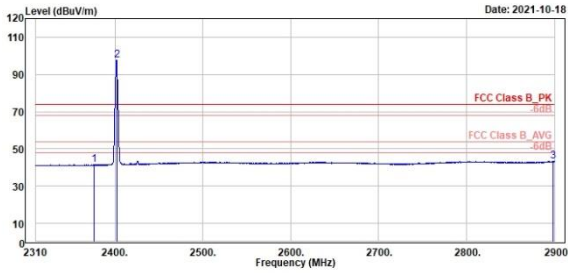
BLE_2M

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



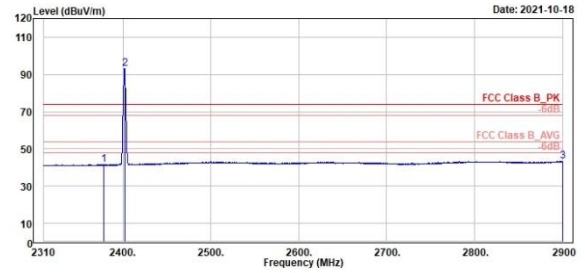
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1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2375.96	41.67	4.21	37.46	54.00	-12.33	259	359 Average	Horizontal	
2402.00	97.53	59.89	37.64	54.00	43.53	259	359 average	Horizontal	
2897.99	43.37	4.76	38.61	54.00	-10.63	259	359 Average	Horizontal	



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1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2375.96	41.67	4.21	37.46	54.00	-12.33	259	359 Average	Horizontal	
2402.00	97.53	59.89	37.64	54.00	43.53	259	359 average	Horizontal	
2897.99	43.37	4.76	38.61	54.00	-10.63	259	359 Average	Horizontal	

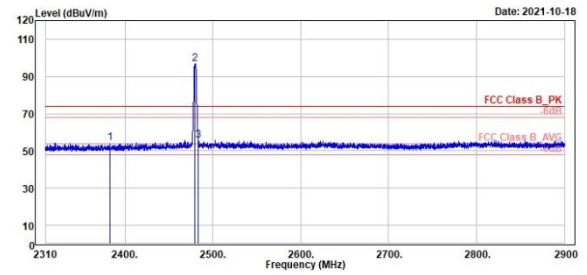
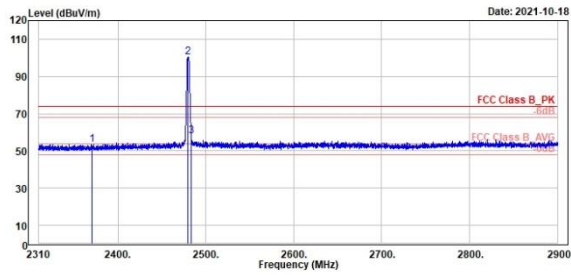
BLE_2M

High Channel (Horizontal) Peak

High Channel (Vertical) Peak

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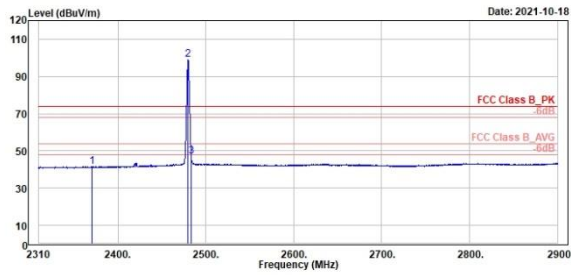


Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2378.38	53.57	16.15	37.42	74.00	-20.43	247	4	Peak	Horizontal	
2 *	2488.00	100.52	62.37	38.15	74.00	26.52	247	4	Peak	Horizontal	
3	2483.50	57.72	19.56	38.16	74.00	-16.28	247	4	Peak	Horizontal	

Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2383.04	54.28	16.77	37.51	74.00	-19.72	100	332	Peak	Vertical	
2 *	2488.00	96.64	58.49	38.15	74.00	22.64	100	332	Peak	Vertical	
3	2483.50	55.78	17.62	38.16	74.00	-18.22	100	332	Peak	Vertical	

BLE_2M
High Channel (Horizontal) Average
High Channel (Vertical) Average

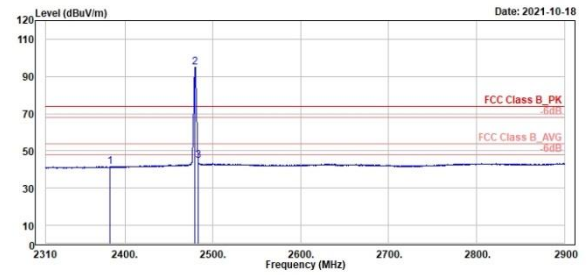

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1	2	3	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2370.38	41.55	4.13	37.42	54.00	-12.45	247		4 Average	Horizontal	
2 *	2483.50	98.90	60.75	38.15	54.00	44.90	247		4 Average	Horizontal	
3	2483.50	47.16	9.00	38.16	54.00	-6.84	247		4 Average	Horizontal	



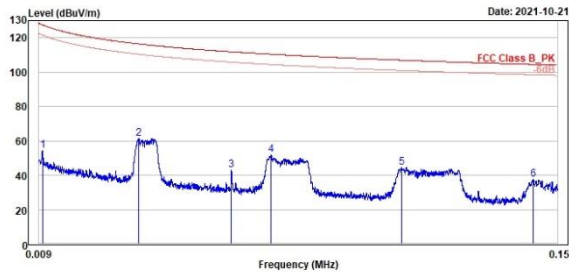
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1	2	3	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2370.38	41.55	4.13	37.42	54.00	-12.45	247		4 Average	Horizontal	
2 *	2483.50	98.90	60.75	38.15	54.00	44.90	247		4 Average	Horizontal	
3	2483.50	47.16	9.00	38.16	54.00	-6.84	247		4 Average	Horizontal	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz
BLE_1M
High Channel (Open) 9kHz~150kHz
High Channel (Open) 150kHz~30MHz

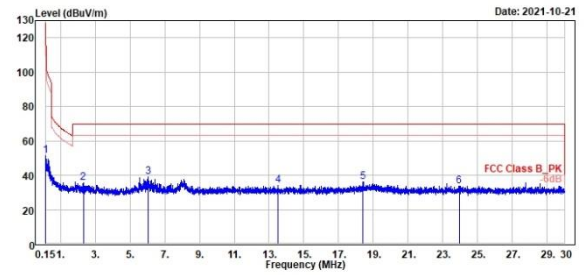

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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.01	54.31	34.34	19.97	127.56	-73.25	100	114	QP	Open	
2	0.04	61.22	40.98	20.32	116.42	-55.20	100	193	QP	Open	
3	0.06	42.92	22.63	20.29	111.84	-68.92	100	205	QP	Open	
4	0.07	51.74	31.47	20.27	110.42	-58.68	100	193	QP	Open	
5	0.11	44.53	24.30	20.23	106.96	-62.43	100	197	QP	Open	
6	0.14	37.42	17.22	20.20	104.47	-67.05	100	199	QP	Open	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.15	51.49	31.30	20.19	104.00	-52.59	100	217	QP	Open	
2	2.31	35.38	15.24	20.14	69.50	-34.12	100	221	QP	Open	
3	6.05	38.67	18.62	20.25	69.50	-30.63	100	245	QP	Open	
4	13.50	34.17	13.75	20.42	69.50	-35.33	100	115	QP	Open	
5	18.42	36.00	15.52	20.48	69.50	-33.50	100	28	QP	Open	
6	23.93	33.79	13.26	20.53	69.50	-35.71	100	249	QP	Open	

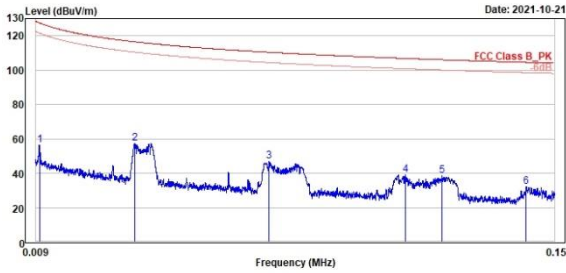
BLE_1M

High Channel (Close) 9kHz~150kHz

High Channel (Close) 150kHz~30MHz



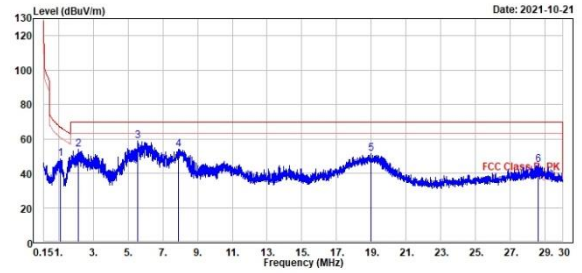
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Freq	Level	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	56.48	36.51	19.97	127.58	-71.10	100	232 QP	Close
2	0.04	57.35	37.03	20.32	116.49	-59.14	100	244 QP	Close
3	0.07	47.07	26.80	20.27	110.40	-63.33	100	244 QP	Close
4	0.11	38.93	18.70	20.23	106.81	-67.88	100	244 QP	Close
5	0.12	38.58	18.36	20.22	106.06	-67.48	100	252 QP	Close
6	0.14	32.20	12.00	20.20	104.54	-72.34	100	244 QP	Close



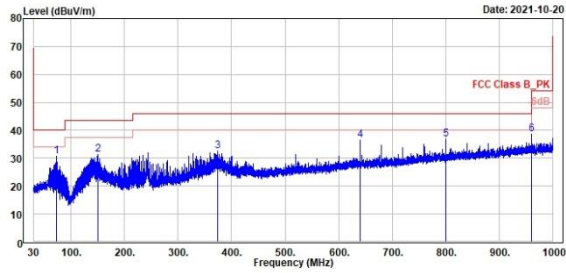
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Freq	Level	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1.12	48.34	28.13	20.21	66.60	-10.26	100	207 QP	Close
2	2.14	53.88	33.74	20.14	69.50	-15.62	100	25 QP	Close
3	5.56	58.77	38.54	20.23	69.50	-10.73	100	26 QP	Close
4	7.90	53.91	33.60	20.31	69.50	-15.59	100	211 QP	Close
5	18.99	51.45	30.96	20.49	69.50	-18.05	100	19 QP	Close
6	28.59	44.74	24.22	20.52	69.50	-24.76	100	279 QP	Close

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz
BLE_1M
High Channel (Horizontal)
High Channel (Vertical)

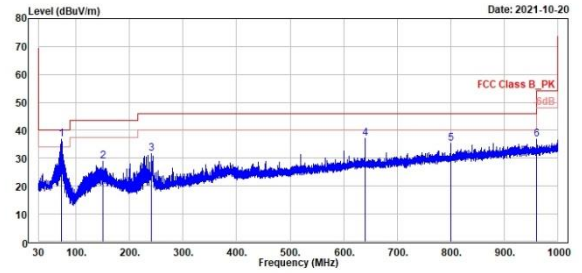

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1	2	3	4	5	6
72.58	149.99	374.35	648.03	800.08	968.04
30.60	31.18	32.66	36.51	36.91	38.78
41.03	38.66	37.59	37.22	35.12	34.32
-10.43	-7.48	-4.93	-0.71	1.79	4.46
40.00	43.50	46.00	46.00	46.00	54.00
-9.48	-12.32	-13.34	-9.49	-9.09	-15.22
395	274	100	100	295	200
280	251	240	186	354	11
QP	QP	QP	QP	QP	QP
Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Note	Note	Note	Note	Note	Note



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1	2	3	4	5	6
72.58	149.99	240.01	648.03	800.08	968.04
36.79	28.91	31.51	37.04	35.28	36.81
47.22	36.39	39.82	37.75	33.49	32.35
-10.43	-7.48	-8.31	-0.71	1.79	4.46
40.00	43.50	46.00	46.00	46.00	54.00
-3.21	-14.59	-14.49	-8.96	-10.72	-17.19
100	300	300	100	400	100
265	137	197	341	229	164
QP	QP	QP	QP	QP	QP
Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Note	Note	Note	Note	Note	Note

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

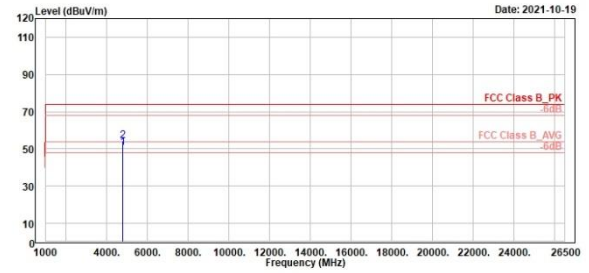
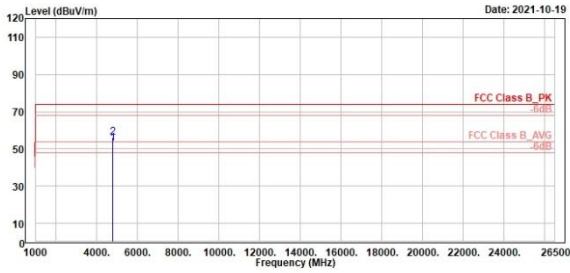
BLE_1M

Low Channel (Horizontal)

Low Channel (Vertical)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	52.75	62.53	-9.78	54.00	-1.25	180	349	Average	Horizontal										
2 4894.00	56.23	66.01	-9.78	74.00	-17.77	180	349	Peak	Horizontal										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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	50.49	60.27	-9.78	54.00	-3.51	135	360	Average	Vertical										
2 4894.00	54.34	64.12	-9.78	74.00	-19.66	135	360	Peak	Vertical										

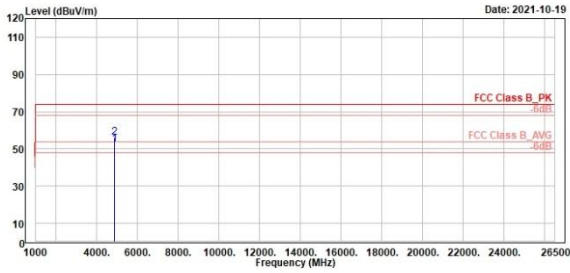
BLE_1M

Middle Channel (Horizontal)

Middle Channel (Vertical)



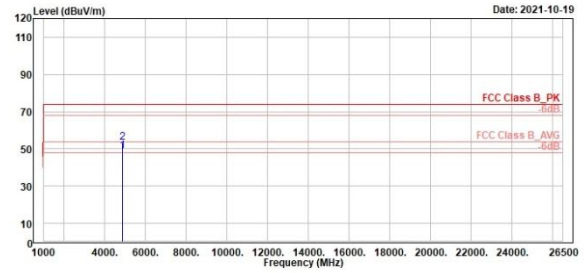
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 4888.00	52.62	62.29	-9.67	54.00	-1.38	332	317	Average	Horizontal	
2 4888.00	56.04	65.71	-9.67	74.00	-17.96	332	317	Peak	Horizontal	



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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 4888.00	49.04	58.71	-9.67	54.00	-4.96	148	368	Average	Vertical	
2 4888.00	53.29	62.96	-9.67	74.00	-20.71	148	368	Peak	Vertical	

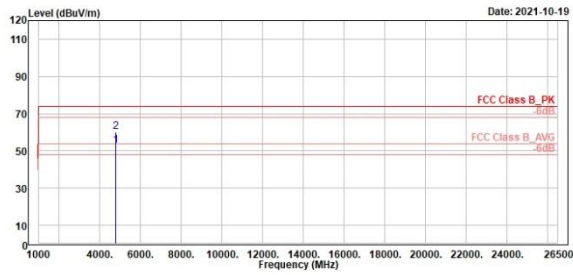
BLE_2M

Low Channel (Horizontal)

Low Channel (Vertical)



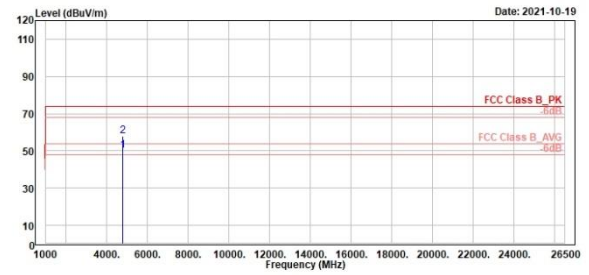
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4894.00	52.90	62.68	-9.78	54.00	-1.10	100	347 Average	Horizontal	
2	4894.00	60.26	70.04	-9.78	74.00	-13.74	100	347 Peak	Horizontal	



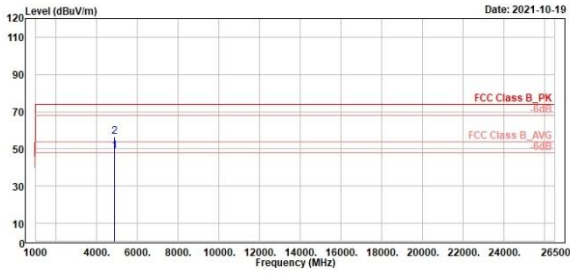
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4894.00	50.32	60.10	-9.78	54.00	-3.68	133	360 Average	Vertical	
2	4894.00	58.03	67.81	-9.78	74.00	-15.97	133	360 Peak	Vertical	

BLE_2M
Middle Channel (Horizontal)
Middle Channel (Vertical)

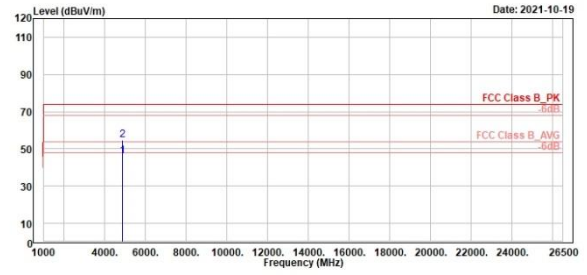

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Read Level	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
4880.00	48.77	58.44	-9.67	54.00	-5.23	284	314	Average Horizontal
4880.00	56.45	66.12	-9.67	74.00	-17.55	284	314	Peak Horizontal



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Read Level	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
4880.00	46.01	55.68	-9.67	54.00	-7.99	180	143	Average Vertical
4880.00	54.86	64.53	-9.67	74.00	-19.14	180	143	Peak Vertical

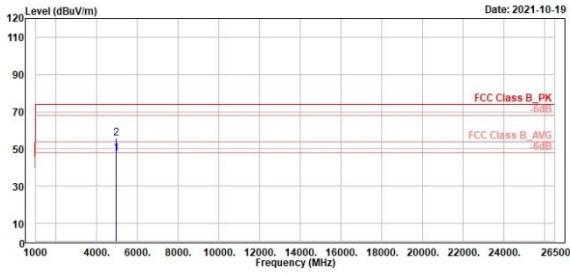
BLE_2M

High Channel (Horizontal)

High Channel (Vertical)



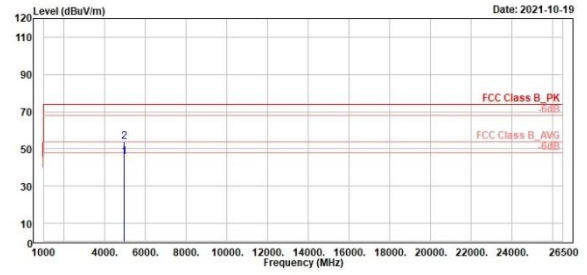
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Line	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4968.00	47.24	56.70	-9.46	54.00	-6.76	228	55	Average	Horizontal	
2	4968.00	55.46	64.92	-9.46	74.00	-18.54	228	55	Peak	Horizontal	

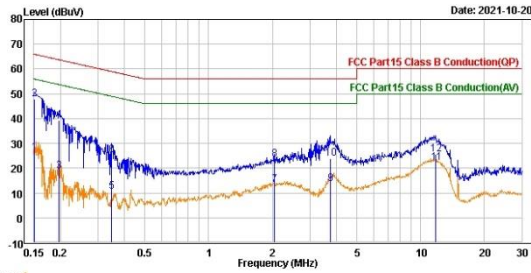


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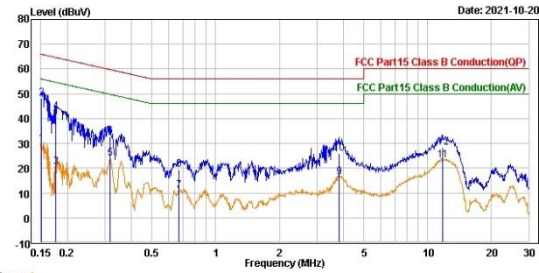
Line	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4968.00	45.45	54.91	-9.46	54.00	-8.55	400	308	Average	Vertical	
2	4968.00	53.04	63.30	-9.46	74.00	-20.16	400	308	Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz
Worst Band
(Line)
(Neutral)

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Trace: 1

Line	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	26.15	16.09	10.06	55.96	-29.81	Average	line1	
2	0.15	47.80	37.74	10.06	65.96	-18.16	QP	line1	
3	0.20	18.71	8.65	10.06	53.76	-35.05	Average	line1	
4	0.20	39.31	29.25	10.06	63.76	-24.45	QP	line1	
5	0.35	10.68	0.61	10.07	48.96	-38.28	Average	line1	
6	0.35	25.24	15.17	10.07	58.96	-33.72	QP	line1	
7	2.05	13.31	3.19	10.12	46.00	-32.69	Average	line1	
8	2.05	23.45	13.33	10.12	56.00	-32.55	QP	line1	
9	3.75	13.72	3.55	10.17	46.00	-32.28	Average	line1	
10	3.75	24.04	13.87	10.17	56.00	-31.96	QP	line1	
11	11.81	22.27	11.90	10.37	50.00	-27.73	Average	line1	
12	11.81	25.70	15.33	10.37	60.00	-34.30	QP	line1	

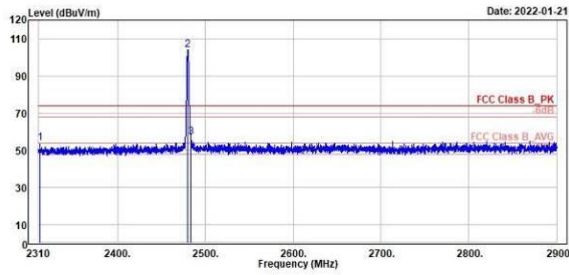

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Trace: 1

Line	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	29.74	19.70	10.04	55.96	-26.22	Average	neutral	
2	0.15	48.12	38.08	10.04	65.96	-17.84	QP	neutral	
3	0.18	20.61	10.57	10.04	54.68	-34.07	Average	neutral	
4	0.18	42.56	32.52	10.04	64.68	-22.12	QP	neutral	
5	0.32	23.74	13.70	10.04	49.79	-26.05	Average	neutral	
6	0.32	32.79	22.75	10.04	59.79	-27.00	QP	neutral	
7	0.67	10.89	0.84	10.05	46.00	-35.11	Average	neutral	
8	0.67	19.33	9.28	10.05	56.00	-36.67	QP	neutral	
9	3.81	16.24	6.09	10.15	46.00	-29.76	Average	neutral	
10	3.81	25.98	15.83	10.15	56.00	-30.02	QP	neutral	
11	11.75	23.19	12.84	10.35	50.00	-26.81	Average	neutral	
12	11.75	28.44	18.09	10.35	60.00	-31.56	QP	neutral	

<POE Mode>
Band Edges, 2.31GHz ~ 2.9GHz
BLE_1M
High Channel (Horizontal) Peak
High Channel (Vertical) Peak

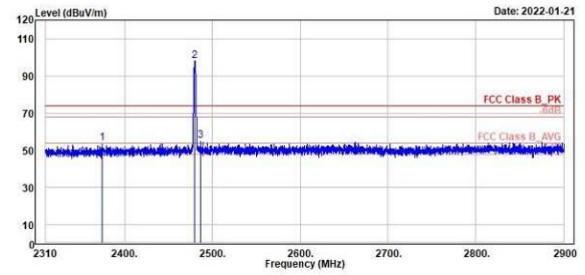

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Peak	Freq	Level	Read		Limit	Over	APos	TPos	Remark	Pol/Phase	Note
			Level	Factor							
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2311.77	53.01	16.56	37.25	74.00	-20.19	246	355	Peak	Horizontal	
2 *	2480.00	103.95	66.16	37.79	74.00	29.95	246	355	Peak	Horizontal	
3	2483.50	56.90	19.10	37.80	74.00	-17.10	246	355	Peak	Horizontal	



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Peak	Freq	Level	Read		Limit	Over	APos	TPos	Remark	Pol/Phase	Note
			Level	Factor							
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2374.19	53.87	16.37	37.50	74.00	-20.13	370	31	Peak	Vertical	
2 *	2480.00	97.92	60.13	37.79	74.00	23.92	370	31	Peak	Vertical	
3	2486.06	55.24	17.44	37.80	74.00	-18.76	370	31	Peak	Vertical	

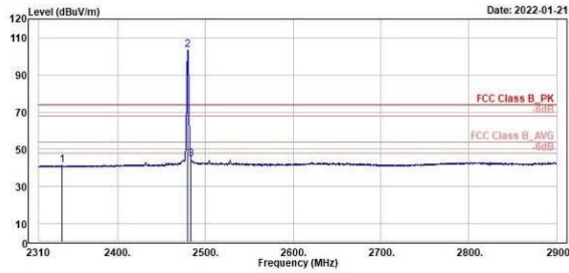
BLE_1M

High Channel (Horizontal) Average

High Channel (Vertical) Average



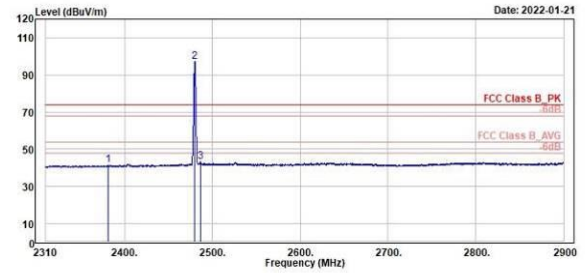
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2336.90	41.43	4.10	37.33	54.00	-12.57	246	355	Average	Horizontal	
2 *	2480.00	103.45	65.66	37.79	54.00	49.45	246	355	Average	Horizontal	
3	2483.50	44.50	6.70	37.80	54.00	-9.50	246	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	2381.39	41.36	3.82	37.54	54.00	-12.64	370	31	Average	Vertical	
2 *	2480.00	97.40	59.61	37.79	54.00	43.40	370	31	Average	Vertical	
3	2486.06	43.50	5.70	37.80	54.00	-10.50	370	31	Average	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

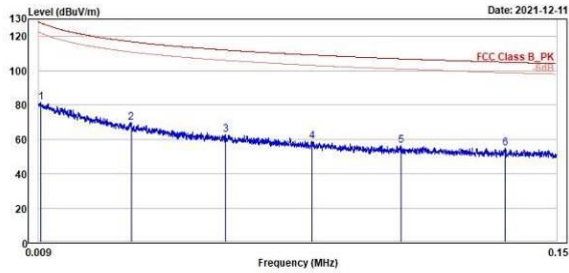
BLE_1M

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



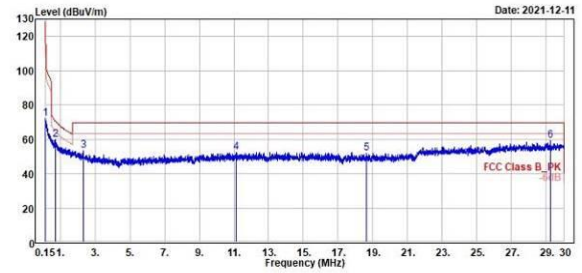
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.01	81.45	4.32	77.14	127.91	-46.45	100	7	QP	Open
2	0.03	69.71	1.99	67.72	116.91	-47.20	100	94	QP	Open
3	0.06	62.68	0.13	62.55	112.06	-49.38	100	307	QP	Open
4	0.08	58.68	-0.83	59.46	109.18	-50.55	100	278	QP	Open
5	0.11	56.25	-0.69	56.94	106.97	-50.72	100	1	QP	Open
6	0.14	54.91	-0.80	55.71	104.92	-50.01	100	307	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	0.15	72.19	17.08	55.11	104.00	-31.89	100	55	QP	Open
2	0.70	59.65	16.23	43.42	70.67	-11.02	100	338	QP	Open
3	2.33	53.50	15.18	38.32	69.50	-16.00	100	294	QP	Open
4	11.14	52.61	14.51	38.10	69.50	-16.09	100	360	QP	Open
5	18.65	51.87	14.32	37.55	69.50	-17.63	100	322	QP	Open
6	29.24	59.12	17.35	41.77	69.50	-10.38	100	241	QP	Open

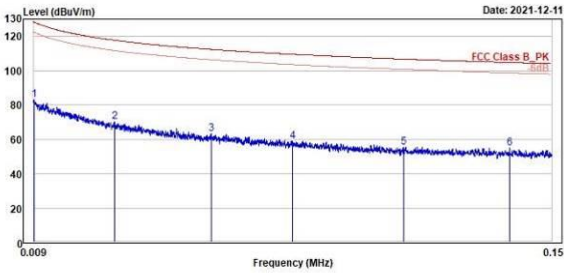
BLE_1M

High Channel (Close) 9kHz~150kHz

High Channel (Close) 150kHz~30MHz



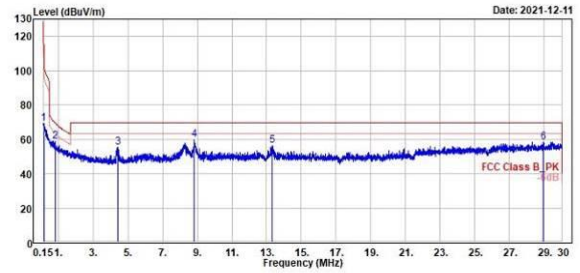
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	83.01	5.26	77.75	128.42	-45.41	100	325 QP	Close
2	0.03	69.96	1.47	68.49	117.74	-47.78	100	282 QP	Close
3	0.06	63.28	0.40	62.88	112.42	-49.14	100	284 QP	Close
4	0.08	59.00	-0.97	59.97	109.59	-50.59	100	257 QP	Close
5	0.11	55.49	-1.36	56.85	106.80	-51.31	100	16 QP	Close
6	0.14	54.63	-0.97	55.60	104.77	-50.14	100	18 QP	Close



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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	0.16	69.19	14.72	54.47	103.25	-34.06	100	58 QP	Close
2	0.80	58.59	15.94	42.65	69.53	-10.94	100	354 QP	Close
3	4.41	55.17	18.65	36.52	69.50	-14.33	100	28 QP	Close
4	8.85	60.04	22.28	37.76	69.50	-9.46	100	94 QP	Close
5	13.33	56.25	18.32	37.93	69.50	-13.25	100	63 QP	Close
6	28.94	58.44	16.81	41.63	69.50	-11.06	100	202 QP	Close

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

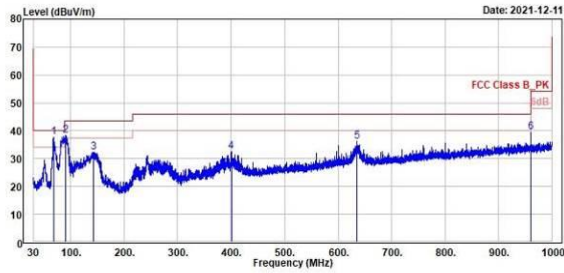
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



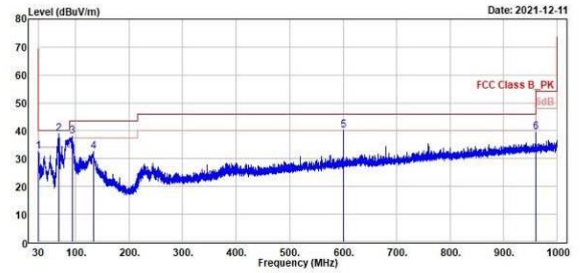
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Line	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	68.12	37.01	47.55	-9.74	48.00	-2.19	290	146 QP	Horizontal	
2	90.43	38.39	52.09	-13.70	43.50	-5.11	480	251 QP	Horizontal	
3	141.55	32.38	48.82	-7.64	43.50	-11.12	200	382 QP	Horizontal	
4	480.06	32.43	36.65	-4.22	46.00	-13.57	100	133 QP	Horizontal	
5	635.18	36.06	36.88	-0.82	46.00	-9.94	100	6 QP	Horizontal	
6	960.04	39.63	35.17	4.46	54.00	-14.37	121	360 QP	Horizontal	



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Line	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	30.00	32.65	41.26	-8.61	48.00	-7.35	100	66 QP	Vertical	
2	67.93	38.78	48.49	-9.71	48.00	-1.22	100	219 QP	Vertical	
3	92.66	38.10	52.18	-14.08	43.50	-5.40	200	156 QP	Vertical	
4	132.92	32.68	40.91	-8.23	43.50	-10.82	100	17 QP	Vertical	
5	600.07	48.24	41.56	-1.32	46.00	-5.76	100	360 QP	Vertical	
6	960.04	39.68	35.14	4.46	54.00	-14.40	100	360 QP	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

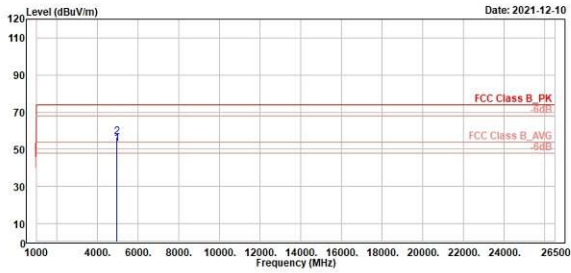
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



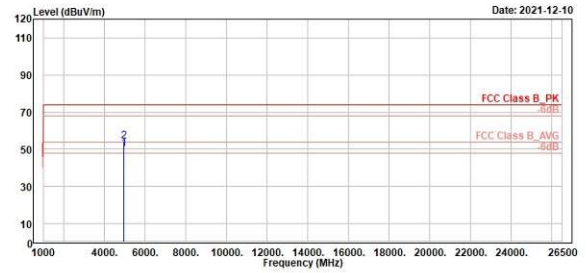
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No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 4960.00	53.14	62.52	-9.38	54.00	-0.86	104	358	Average	Horizontal	
2 4960.00	56.57	65.95	-9.38	74.00	-17.43	104	358	Peak	Horizontal	



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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 4960.00	50.27	60.03	-9.76	54.00	-3.73	390	316	Average	Vertical	
2 4960.00	54.38	64.14	-9.76	74.00	-19.62	390	316	Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

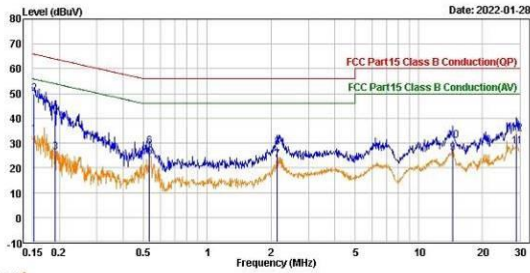
Worst Band

(Line)

(Neutral)



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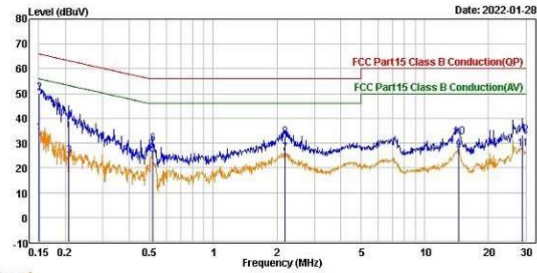


Trace: 1

Line	Freq (MHz)	Level (dBuV)	Read Level (dBuV)	Factor (dB)	Limit Line (dBuV)	Over Limit (dB)	Remark	Pol/Phase	Note
1	0.15	33.41	23.35	10.06	55.92	-22.51	Average	line1	
2	0.15	49.75	39.69	10.06	65.92	-16.17	QP	line1	
3	0.19	26.41	16.35	10.06	53.97	-27.56	Average	line1	
4	0.19	42.92	32.86	10.06	63.97	-21.05	QP	line1	
5	0.53	24.23	14.15	10.08	46.00	-21.77	Average	line1	
6	0.53	28.51	18.43	10.08	56.00	-27.49	QP	line1	
7	2.15	23.20	13.08	10.12	46.00	-22.80	Average	line1	
8	2.15	28.25	18.13	10.12	56.00	-27.75	QP	line1	
9	14.42	26.09	15.65	10.44	50.00	-23.91	Average	line1	
10	14.42	31.01	20.57	10.44	60.00	-28.99	QP	line1	
11	28.83	28.61	17.99	10.62	50.00	-21.39	Average	line1	
12	28.83	33.89	23.27	10.62	60.00	-26.11	QP	line1	



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Trace: 1

Line	Freq (MHz)	Level (dBuV)	Read Level (dBuV)	Factor (dB)	Limit Line (dBuV)	Over Limit (dB)	Remark	Pol/Phase	Note
1	0.15	34.25	24.21	10.04	55.96	-21.71	Average	neutral	
2	0.15	50.17	40.13	10.04	65.96	-15.79	QP	neutral	
3	0.21	24.75	14.71	10.04	53.27	-28.52	Average	neutral	
4	0.21	38.99	28.95	10.04	63.27	-24.28	QP	neutral	
5	0.52	25.17	15.11	10.06	46.00	-20.83	Average	neutral	
6	0.52	29.55	19.49	10.06	56.00	-26.45	QP	neutral	
7	2.18	26.00	15.90	10.10	46.00	-20.00	Average	neutral	
8	2.18	32.46	22.36	10.10	56.00	-23.54	QP	neutral	
9	14.42	26.88	16.45	10.43	50.00	-23.12	Average	neutral	
10	14.42	32.27	21.84	10.43	60.00	-27.73	QP	neutral	
11	28.83	27.77	17.16	10.61	50.00	-22.23	Average	neutral	
12	28.83	33.16	22.55	10.61	60.00	-26.84	QP	neutral	