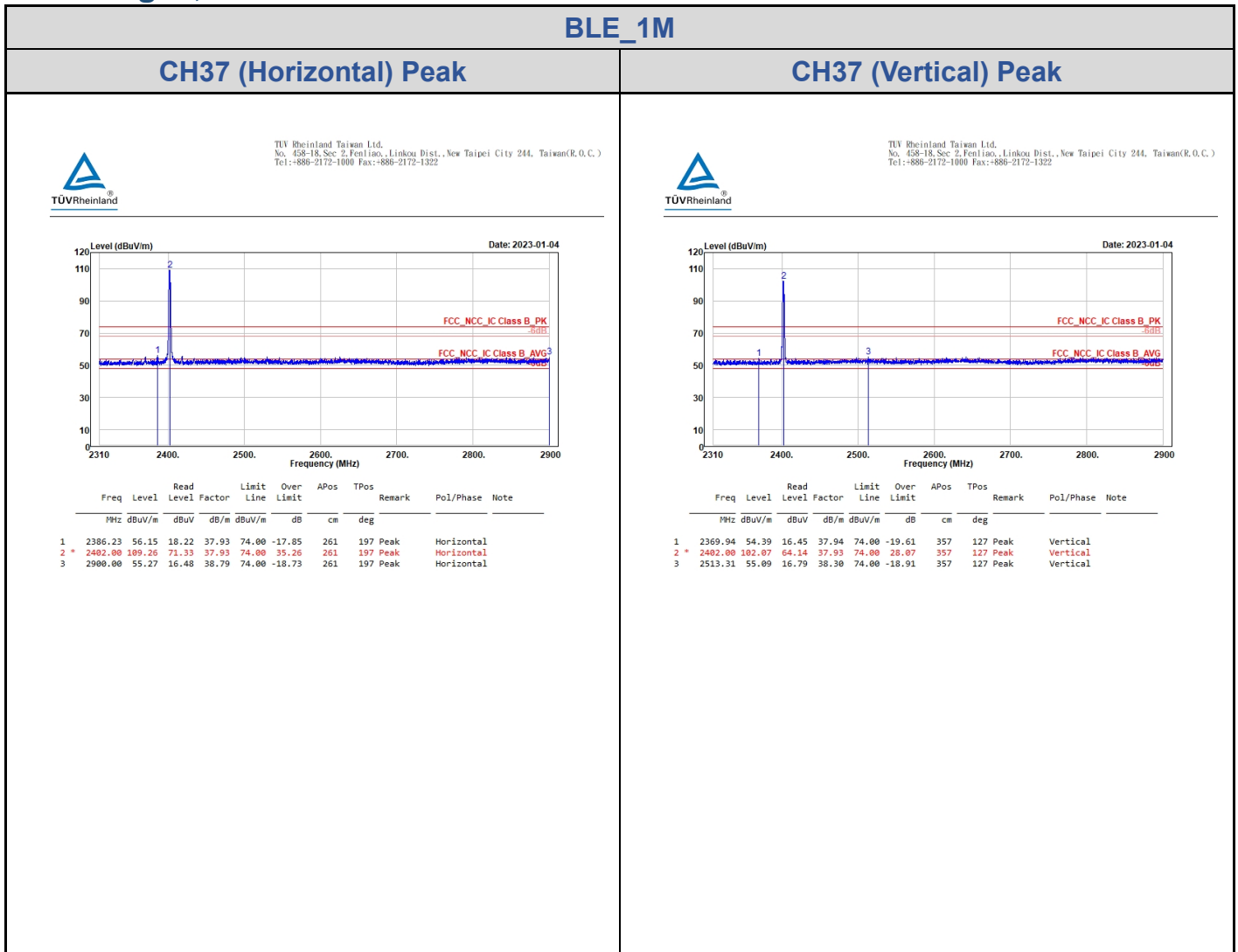


Appendix C: Test Results of Radiated Spurious Emissions & Mains

Conducted Emission Test for UFL Antenna

Ant 5, ECC Mode

Band Edges, 2.31GHz ~ 2.9GHz



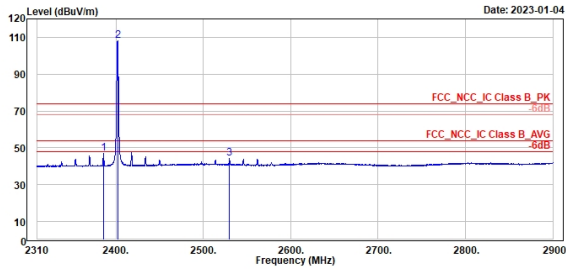
BLE_1M

CH37 (Horizontal) Average

CH37 (Vertical) Average



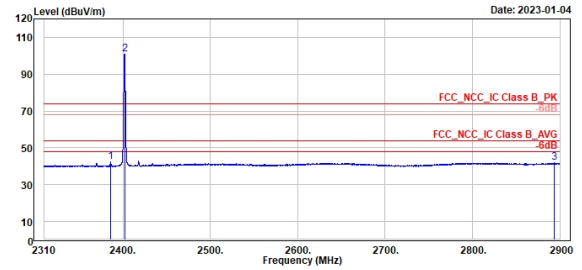
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2385.99	46.96	9.83	37.93	54.00	-7.04	261	197 Average	Horizontal	
2 *	2402.00	108.18	70.25	37.93	54.00	54.18	261	197 Average	Horizontal	
3	2530.07	44.33	6.09	38.24	54.00	-9.67	261	197 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	2385.99	42.35	4.42	37.93	54.00	-11.65	357	127 Average	Vertical	
2 *	2402.00	101.04	63.11	37.93	54.00	47.04	357	127 Average	Vertical	
3	2893.86	41.80	3.02	38.78	54.00	-12.20	357	127 Average	Vertical	

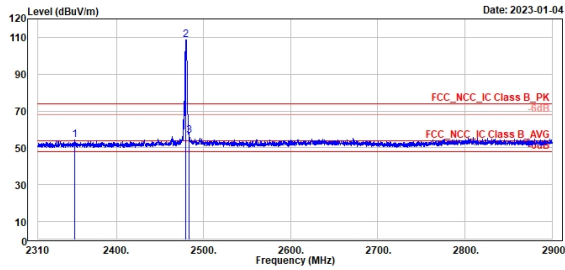
BLE_1M

CH39 (Horizontal) Peak

CH39 (Vertical) Peak



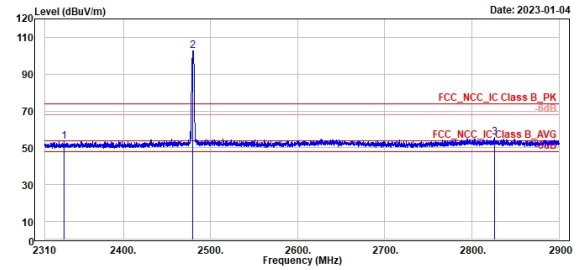
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1	2	3
Level	Level	Level
Factor	Factor	Factor
Line	Line	Line
Limit	Limit	Limit
Over	Over	Over
Limit	Limit	Limit
dB	dB	dB
cm	cm	cm
deg	deg	deg
2352.24	2480.00	2483.58
54.39	108.63	56.40
16.43	70.32	18.09
37.96	38.31	38.31
74.00	74.00	74.00
-19.61	34.63	-17.60
345	345	345
193	193	193
Peak	Peak	Peak
Horizontal	Horizontal	Horizontal



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1	2	3
Level	Level	Level
Factor	Factor	Factor
Line	Line	Line
Limit	Limit	Limit
Over	Over	Over
Limit	Limit	Limit
dB	dB	dB
cm	cm	cm
deg	deg	deg
2332.30	2480.00	2825.54
53.51	102.65	55.61
15.71	64.34	17.00
37.80	38.31	38.61
74.00	74.00	74.00
-20.49	28.65	-18.39
381	381	381
127	127	127
Peak	Peak	Peak
Vertical	Vertical	Vertical

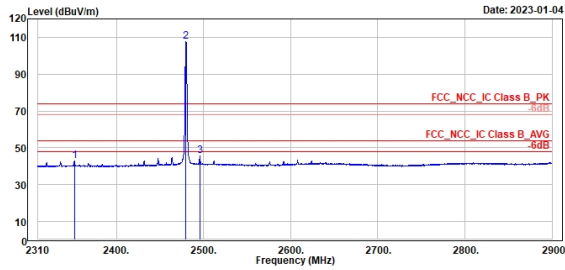
BLE_1M

CH39 (Horizontal) Average

CH39 (Vertical) Average



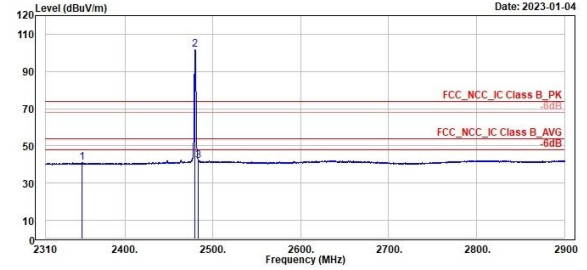
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1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2351.89	42.71	4.75	37.96	54.00	-11.29	345	193 Average	Horizontal	
2480.00	107.54	69.23	38.31	54.00	53.54	345	193 Average	Horizontal	
2495.97	45.50	7.17	38.33	54.00	-8.50	345	193 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		
2351.54	41.26	3.30	37.96	54.00	-12.74	381	127 Average	Vertical	
2480.00	101.74	63.43	38.31	54.00	47.74	381	127 Average	Vertical	
2483.58	42.15	3.84	38.31	54.00	-11.85	381	127 Average	Vertical	

BLE_2M

CH0 (Horizontal) Peak

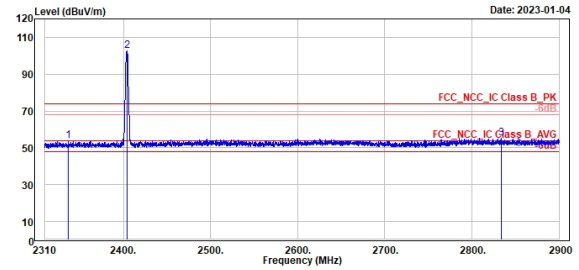
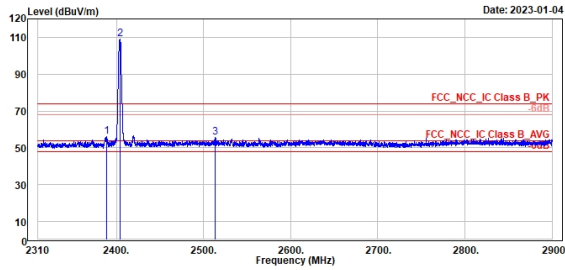
CH0 (Vertical) Peak



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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	2389.06	56.03	18.11	37.92	74.00	-17.97	231	203	Peak	Horizontal	
2 *	2404.00	108.83	70.89	37.94	74.00	34.83	231	203	Peak	Horizontal	
3	2513.79	55.56	17.27	38.29	74.00	-18.44	231	203	Peak	Horizontal	

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	2336.67	53.63	15.00	37.83	74.00	-20.37	358	123	Peak	Vertical	
2 *	2404.00	102.45	64.51	37.94	74.00	28.45	358	123	Peak	Vertical	
3	2833.68	55.13	16.51	38.62	74.00	-18.87	358	123	Peak	Vertical	

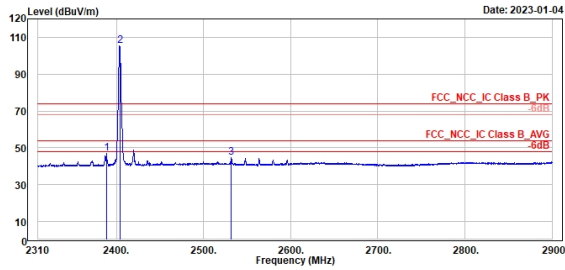
BLE_2M

CH0 (Horizontal) Average

CH0 (Vertical) Average



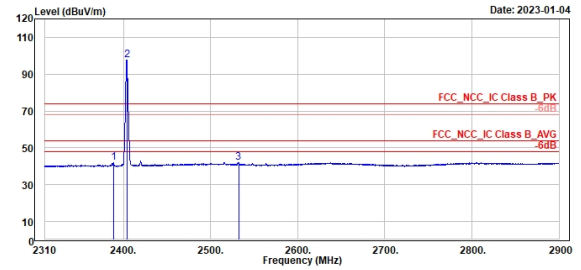
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1	2	3								
MHz	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
2388.71	46.91	8.99	37.92	54.00	-7.09	231	203	Average	Horizontal	
2404.00	105.52	67.58	37.94	54.00	51.52	231	203	Average	Horizontal	
2531.96	44.64	6.40	38.24	54.00	-9.36	231	203	Average	Horizontal	



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1	2	3								
MHz	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			
2388.82	41.90	3.98	37.92	54.00	-12.10	358	123	Average	Vertical	
2404.00	97.68	59.74	37.94	54.00	43.68	358	123	Average	Vertical	
2532.19	42.11	3.87	38.24	54.00	-11.89	358	123	Average	Vertical	

BLE_2M

CH36 (Horizontal) Peak

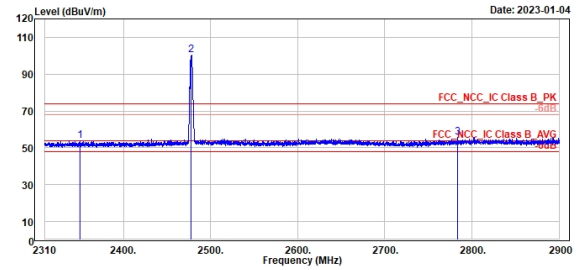
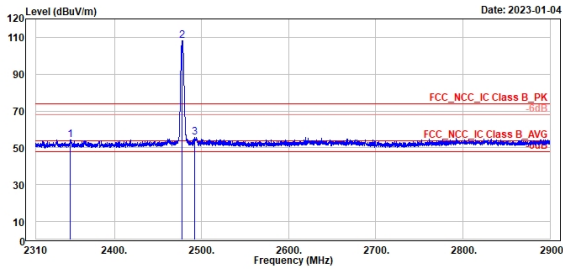
CH36 (Vertical) Peak



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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	2349.77	54.38	16.42	37.96	74.00	-19.62	244	201	Peak	Horizontal	
2 *	2478.00	108.05	69.75	38.30	74.00	34.05	244	201	Peak	Horizontal	
3	2492.31	55.79	17.47	38.32	74.00	-18.21	244	201	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	2349.88	54.05	16.09	37.96	74.00	-19.95	351	319	Peak	Vertical	
2 *	2478.00	100.27	61.97	38.30	74.00	26.27	351	319	Peak	Vertical	
3	2783.42	55.50	17.07	38.43	74.00	-18.50	351	319	Peak	Vertical	

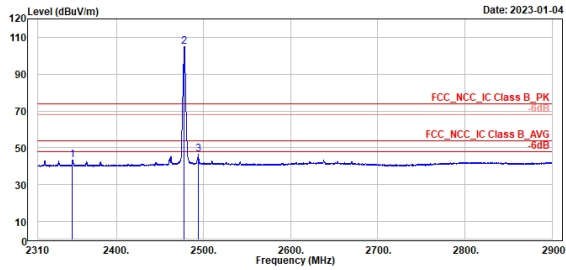
BLE_2M

CH36 (Horizontal) Average

CH36 (Vertical) Average



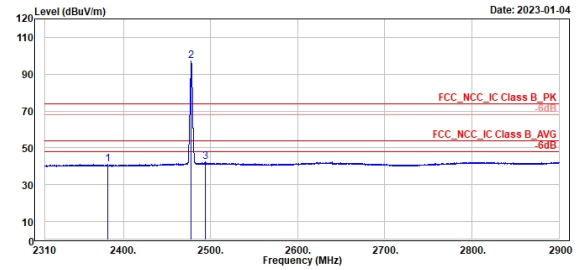
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1	2	3	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2349.77	43.38	5.42	37.96	54.00	-10.62	244	201	Average	Horizontal	
2 *	2478.00	105.12	66.82	38.30	54.00	51.12	244	201	Average	Horizontal	
3	2493.96	46.66	8.34	38.32	54.00	-7.34	244	201	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	2382.22	40.95	3.02	37.93	54.00	-13.05	351	319	Average	Vertical	
2 *	2478.00	97.35	59.05	38.30	54.00	43.35	351	319	Average	Vertical	
3	2494.20	42.48	4.16	38.32	54.00	-11.52	351	319	Average	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

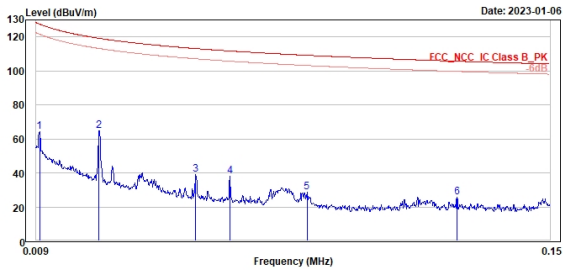
BLE_2M

CH36 (Open) 9kHz~150kHz

CH36 (Open) 150kHz~30MHz



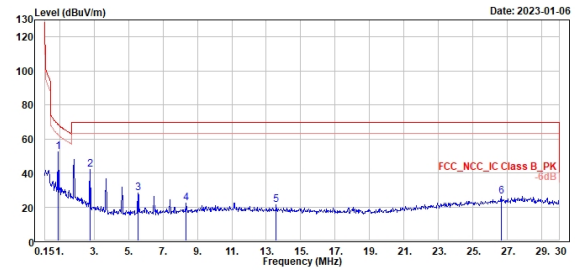
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.01	64.08	35.45	28.63	127.60	-63.52	100	360	QP	Open	
2	0.03	64.79	42.24	22.55	119.18	-54.39	100	6	QP	Open	
3	0.05	38.92	22.90	16.02	113.13	-74.21	100	221	QP	Open	
4	0.06	38.28	23.55	14.73	111.72	-73.44	100	136	QP	Open	
5	0.08	28.60	16.72	11.88	109.18	-80.58	100	205	QP	Open	
6	0.12	25.70	17.18	8.52	105.70	-80.00	100	95	QP	Open	



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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	0.93	52.48	58.60	-6.12	68.27	-15.79	100	141	QP	Open	
2	2.78	41.92	52.38	-10.46	69.50	-27.58	100	141	QP	Open	
3	5.55	28.08	39.74	-11.66	69.50	-41.42	100	127	QP	Open	
4	8.36	22.45	33.17	-10.72	69.50	-47.05	100	148	QP	Open	
5	13.58	21.42	31.91	-10.49	69.50	-48.08	100	240	QP	Open	
6	26.63	26.06	34.05	-7.99	69.50	-43.44	100	203	QP	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_2M

CH36 (Horizontal)

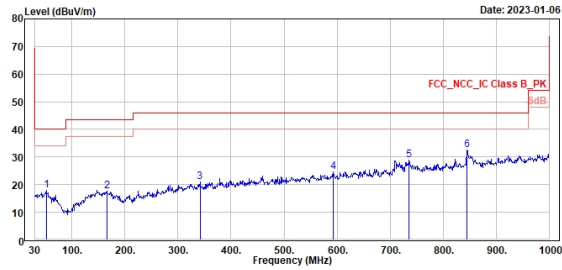
CH36 (Vertical)



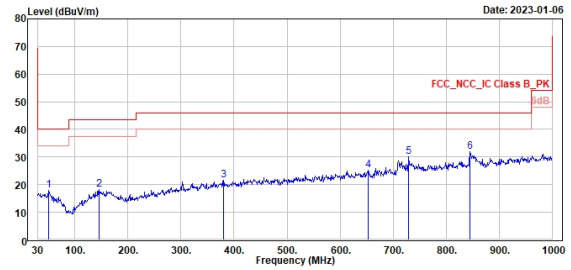
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	51.34	17.88	23.89	-6.01	40.00	-22.12	100	19 QP	Horizontal	
2	165.80	17.70	23.49	-5.79	43.50	-25.80	200	188 QP	Horizontal	
3	341.37	21.06	24.80	-3.74	46.00	-24.94	300	105 QP	Horizontal	
4	592.60	24.55	24.40	0.15	46.00	-21.45	100	240 QP	Horizontal	
5	736.16	28.79	26.44	2.35	46.00	-17.21	200	9 QP	Horizontal	
6	844.80	32.49	28.46	4.03	46.00	-13.51	100	33 QP	Horizontal	



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	50.37	17.81	23.73	-5.92	40.00	-22.19	200	254 QP	Vertical	
2	145.43	18.11	24.02	-5.91	43.50	-25.39	300	124 QP	Vertical	
3	380.17	21.49	24.65	-3.16	46.00	-24.51	300	311 QP	Vertical	
4	653.71	25.16	24.18	0.98	46.00	-20.84	200	105 QP	Vertical	
5	729.37	30.17	28.10	2.07	46.00	-15.83	200	225 QP	Vertical	
6	844.80	32.09	28.06	4.03	46.00	-13.91	100	188 QP	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

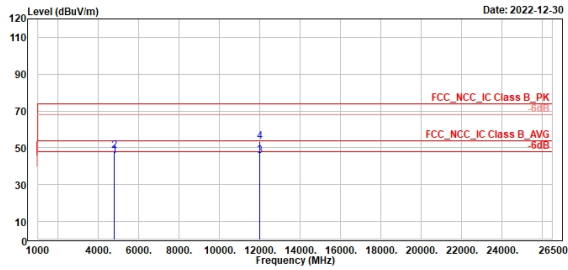
BLE_1M

CH37 (Horizontal)

CH37 (Vertical)



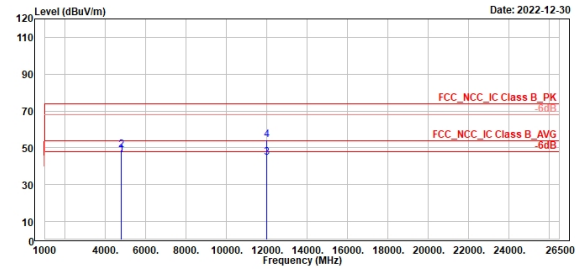
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4804.00	45.53	54.05	-8.52	54.00	-8.47	388	360 Average	Horizontal	
2	4804.00	48.32	56.84	-8.52	74.00	-25.68	388	360 Peak	Horizontal	
3	12010.00	45.56	44.67	0.89	54.00	-8.44	100	135 Average	Horizontal	
4	12010.00	53.48	52.59	0.89	74.00	-20.52	100	135 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	4804.00	45.89	54.41	-8.52	54.00	-8.11	100	183 Average	Vertical	
2	4804.00	48.65	57.17	-8.52	74.00	-25.35	100	183 Peak	Vertical	
3	12010.00	44.93	44.04	0.89	54.00	-9.07	325	360 Average	Vertical	
4	12010.00	54.37	53.48	0.89	74.00	-19.63	325	360 Peak	Vertical	

BLE_1M

CH17 (Horizontal)

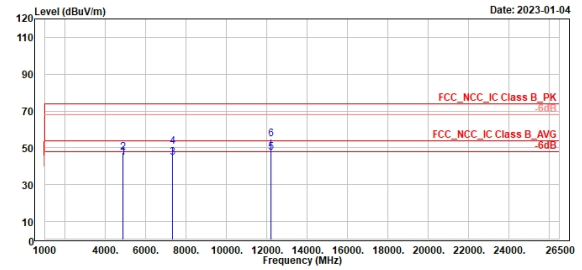
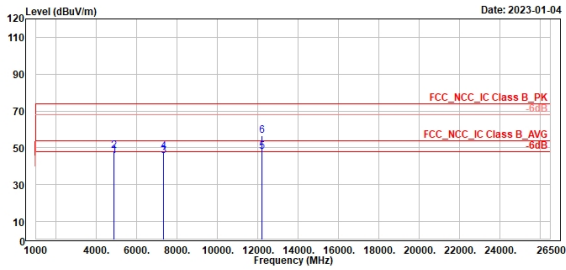
CH17 (Vertical)



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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	45.42	53.98	-8.56	54.00	-8.58	318	360 Average	Horizontal	
2	4880.00	48.28	56.84	-8.56	74.00	-25.72	318	360 Peak	Horizontal	
3	7320.00	45.56	51.77	-6.21	54.00	-8.44	100	37 Average	Horizontal	
4	7320.00	47.06	54.07	-6.21	74.00	-26.14	100	37 Peak	Horizontal	
5	12200.00	47.72	46.44	1.28	54.00	-6.28	100	360 Average	Horizontal	
6	12200.00	56.63	55.35	1.28	74.00	-17.37	100	360 Peak	Horizontal	

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	44.75	53.31	-8.56	54.00	-9.25	100	186 Average	Vertical	
2	4880.00	47.27	55.83	-8.56	74.00	-26.73	100	186 Peak	Vertical	
3	7320.00	44.51	50.72	-6.21	54.00	-9.49	293	360 Average	Vertical	
4	7320.00	50.69	56.90	-6.21	74.00	-23.31	293	360 Peak	Vertical	
5	12200.00	47.56	46.28	1.28	54.00	-6.44	100	339 Average	Vertical	
6	12200.00	54.65	53.37	1.28	74.00	-19.35	100	339 Peak	Vertical	

BLE_1M

CH39 (Horizontal)

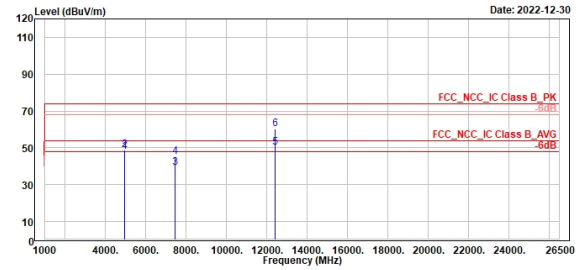
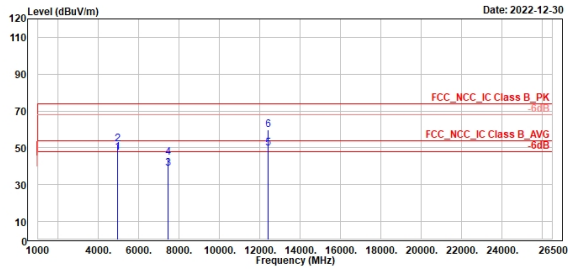
CH39 (Vertical)



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Tel: +886-2172-1000 Fax: +886-2172-1322



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Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.00	47.52	55.91	-8.39	54.00	-6.48	293	360 Average	Horizontal
2	4960.00	51.83	60.22	-8.39	74.00	-22.17	293	360 Peak	Horizontal
3	7440.00	38.70	45.01	-6.31	54.00	-15.30	200	152 Average	Horizontal
4	7440.00	44.78	51.09	-6.31	74.00	-29.22	200	152 Peak	Horizontal
5	12400.00	49.56	47.98	1.58	54.00	-4.44	100	360 Average	Horizontal
6	12400.00	59.80	58.22	1.58	74.00	-14.20	100	360 Peak	Horizontal

Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.00	48.03	56.42	-8.39	54.00	-5.97	300	294 Average	Vertical
2	4960.00	48.72	57.11	-8.39	74.00	-25.28	300	294 Peak	Vertical
3	7440.00	39.03	45.34	-6.31	54.00	-14.97	100	87 Average	Vertical
4	7440.00	45.19	51.50	-6.31	74.00	-28.81	100	87 Peak	Vertical
5	12400.00	50.16	48.58	1.58	54.00	-3.84	400	360 Average	Vertical
6	12400.00	60.12	58.54	1.58	74.00	-13.88	400	360 Peak	Vertical

BLE_2M

CH17 (Horizontal)

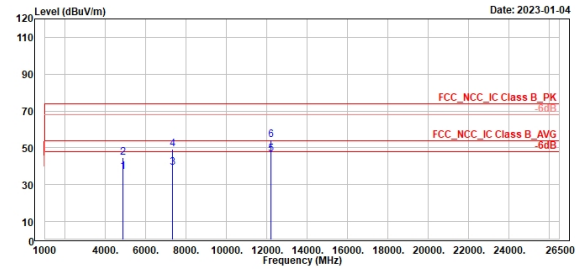
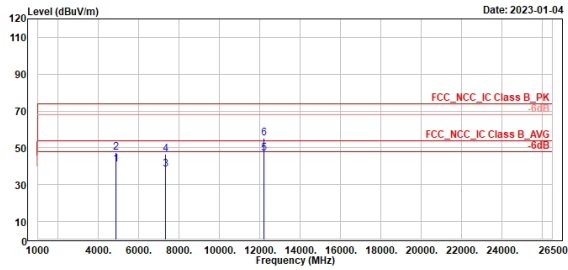
CH17 (Vertical)



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Tel: +886-2172-1000 Fax: +886-2172-1322



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Tel: +886-2172-1000 Fax: +886-2172-1322



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	4880.00	40.94	49.50	-8.56	54.00	-13.06	355	360 Average	Horizontal	
2	4880.00	47.42	55.98	-8.56	74.00	-26.58	355	360 Peak	Horizontal	
3	7320.00	38.53	44.74	-6.21	54.00	-15.47	100	19 Average	Horizontal	
4	7320.00	46.69	52.90	-6.21	74.00	-27.31	100	19 Peak	Horizontal	
5	12200.00	46.93	45.65	1.28	54.00	-7.07	122	360 Average	Horizontal	
6	12200.00	55.37	54.09	1.28	74.00	-18.63	122	360 Peak	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4880.00	37.05	45.61	-8.56	54.00	-16.95	200	143 Average	Vertical	
2	4880.00	44.75	53.31	-8.56	74.00	-29.25	200	143 Peak	Vertical	
3	7320.00	39.11	45.32	-6.21	54.00	-14.89	280	360 Average	Vertical	
4	7320.00	49.16	55.37	-6.21	74.00	-24.84	280	360 Peak	Vertical	
5	12200.00	46.45	45.17	1.28	54.00	-7.55	262	360 Average	Vertical	
6	12200.00	54.08	52.80	1.28	74.00	-19.92	262	360 Peak	Vertical	

BLE_2M

CH36 (Horizontal)

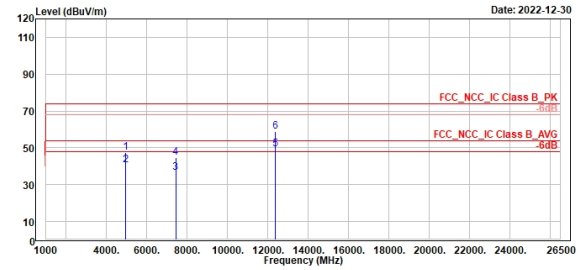
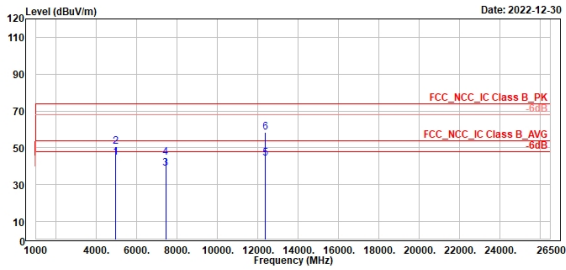
CH36 (Vertical)



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Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4956.00	44.85	53.22	-8.37	54.00	-9.15	296	360 Average	Horizontal
2	4956.00	50.63	59.00	-8.37	74.00	-23.37	296	360 Peak	Horizontal
3	7434.00	38.76	45.07	-6.31	54.00	-15.24	100	139 Average	Horizontal
4	7434.00	44.91	51.22	-6.31	74.00	-29.09	100	139 Peak	Horizontal
5	12390.00	44.33	42.75	1.58	54.00	-9.67	103	360 Average	Horizontal
6	12390.00	58.26	56.68	1.58	74.00	-15.74	103	360 Peak	Horizontal

Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4956.00	47.41	55.78	-8.37	54.00	-6.59	400	294 Average	Vertical
2	4956.00	40.49	48.86	-8.37	74.00	-33.51	400	294 Peak	Vertical
3	7434.00	36.72	43.03	-6.31	54.00	-17.28	100	360 Average	Vertical
4	7434.00	44.54	50.85	-6.31	74.00	-29.46	100	360 Peak	Vertical
5	12390.00	49.18	47.60	1.58	54.00	-4.82	288	360 Average	Vertical
6	12390.00	58.72	57.14	1.58	74.00	-15.28	288	360 Peak	Vertical

Ant 5, ECC Mode for 2nd Source
Band Edges, 2.31GHz ~ 2.9GHz

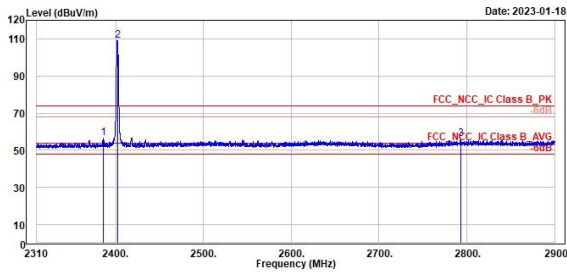
BLE_1M

CH37 (Horizontal) Peak

CH37 (Vertical) Peak



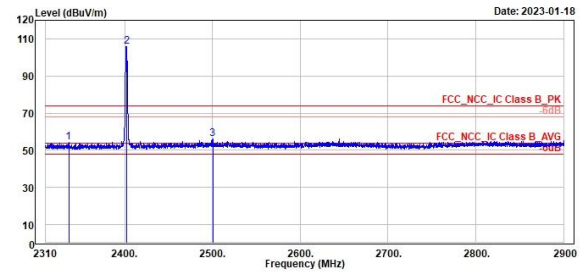
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV/m)	Factor	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2386.11	56.63	18.70	37.93	74.00	-17.37	295	27	Peak	Horizontal	
2 *	2402.00	109.17	71.24	37.93	74.00	35.17	295	27	Peak	Horizontal	
3	2792.86	55.98	17.47	38.51	74.00	-18.02	295	27	Peak	Horizontal	



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Tel: +886-2172-1000 Fax: +886-2172-1322



Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV/m)	Factor	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2336.31	54.43	16.60	37.83	74.00	-19.57	322	122	Peak	Vertical	
2 *	2402.00	105.82	67.89	37.93	74.00	31.82	322	122	Peak	Vertical	
3	2500.33	55.94	17.61	38.33	74.00	-18.06	322	122	Peak	Vertical	

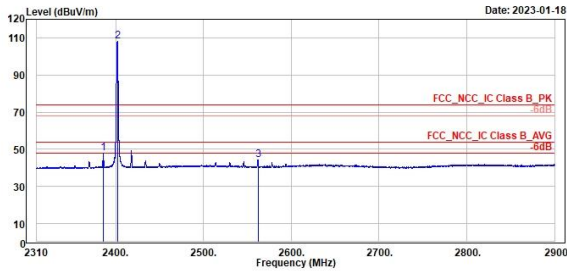
BLE_1M

CH37 (Horizontal) Average

CH37 (Vertical) Average



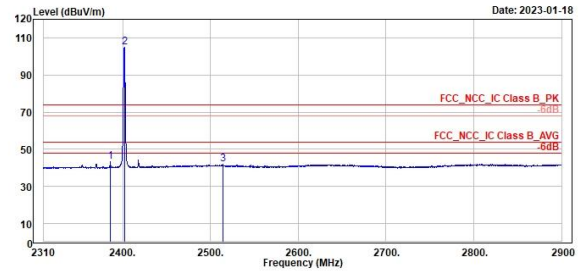
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2385.99	48.06	10.13	37.93	54.00	-5.94	295	27 Average	Horizontal	
2	2402.00	108.18	70.25	37.93	54.00	54.18	295	27 Average	Horizontal	
3	2562.17	44.23	5.98	38.25	54.00	-9.77	295	27 Average	Horizontal	



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Tel: +886-2172-1000 Fax: +886-2172-1322



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	2386.11	43.27	5.34	37.93	54.00	-10.73	322	122 Average	Vertical	
2	2402.00	104.77	66.84	37.93	54.00	50.77	322	122 Average	Vertical	
3	2513.90	42.02	3.73	38.29	54.00	-11.98	322	122 Average	Vertical	

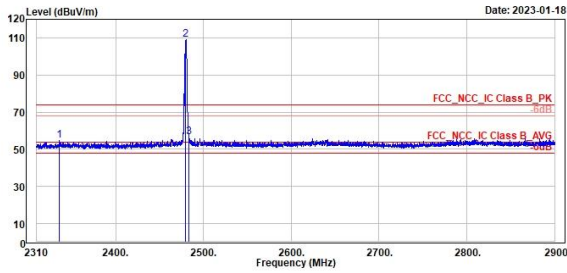
BLE_1M

CH39 (Horizontal) Peak

CH39 (Vertical) Peak



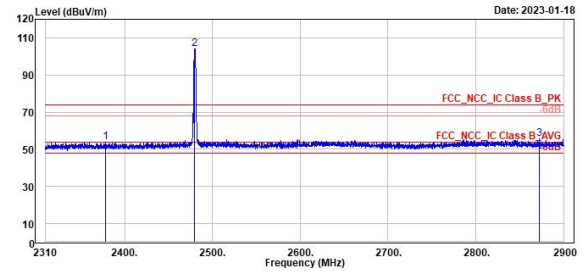
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MHz	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
2335.84	54.69	16.77	37.83	74.00	-19.40	345	193	Peak	Horizontal										
2488.00	108.85	78.54	38.31	74.00	34.85	345	193	Peak	Horizontal										
2483.58	56.51	18.20	38.31	74.00	-17.49	345	193	Peak	Horizontal										



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MHz	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
2378.32	53.96	16.83	37.93	74.00	-20.04	383	148	Peak	Vertical										
2488.00	104.11	65.80	38.31	74.00	30.11	383	148	Peak	Vertical										
2872.62	55.87	17.16	38.71	74.00	-18.13	383	148	Peak	Vertical										

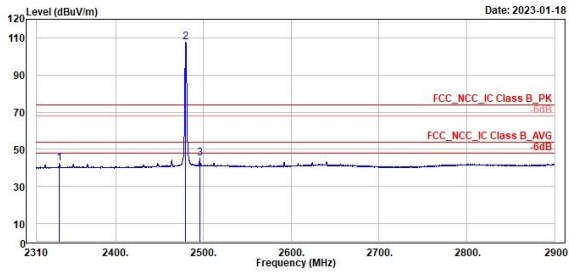
BLE_1M

CH39 (Horizontal) Average

CH39 (Vertical) Average



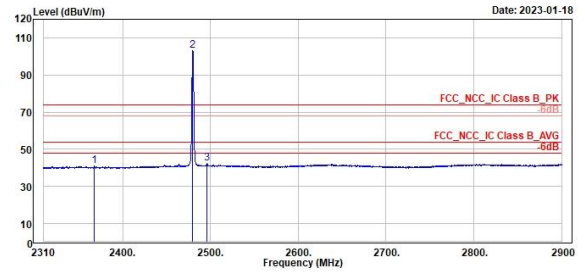
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1	2	3
Level	Level	Level
Factor	Factor	Factor
Limit	Limit	Limit
Over	Over	Over
APos	APos	APos
TPos	TPos	TPos
Remark	Remark	Remark
Pol/Phase	Pol/Phase	Pol/Phase
Note	Note	Note
2335.84	2488.00	2495.85
42.28	107.82	45.22
4.45	69.51	6.89
37.83	38.31	38.33
54.00	54.00	54.00
-11.72	53.82	-8.78
345	345	345
193	193	193
Average	Average	Average
Horizontal	Horizontal	Horizontal



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1	2	3
Level	Level	Level
Factor	Factor	Factor
Limit	Limit	Limit
Over	Over	Over
APos	APos	APos
TPos	TPos	TPos
Remark	Remark	Remark
Pol/Phase	Pol/Phase	Pol/Phase
Note	Note	Note
2367.94	2488.00	2495.85
41.00	103.04	42.54
3.06	64.73	4.21
37.94	38.31	38.33
54.00	54.00	54.00
-13.00	49.04	-11.46
383	383	383
148	148	148
Average	Average	Average
Vertical	Vertical	Vertical

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

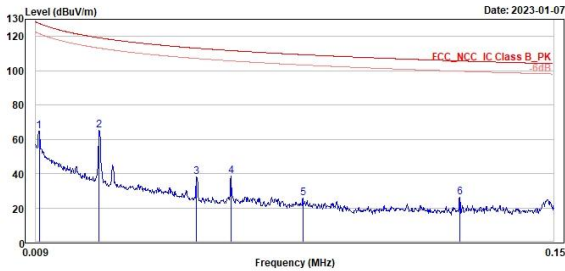
BLE_1M

CH39 (Open) 9kHz~150kHz

CH39 (Open) 150kHz~30MHz



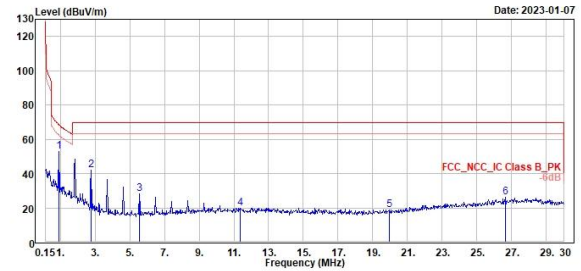
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Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
dB	dBuV/m	dB	dBuV/m	dB	cm	deg			
64.73	36.10	28.63	127.60	-62.87	100	174	QP	Open	
65.06	42.51	22.55	119.18	-54.12	100	289	QP	Open	
38.15	22.13	16.02	113.13	-74.98	100	167	QP	Open	
38.66	25.93	14.73	111.72	-73.06	100	221	QP	Open	
25.74	13.63	12.11	109.34	-83.60	100	216	QP	Open	
26.14	17.62	8.52	105.70	-79.56	100	257	QP	Open	



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Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
dB	dBuV/m	dB	dBuV/m	dB	cm	deg			
52.90	59.02	-6.12	68.27	-15.37	100	145	QP	Open	
42.14	52.60	-10.46	69.50	-27.36	100	138	QP	Open	
28.39	40.05	-11.66	69.50	-41.11	100	145	QP	Open	
19.73	29.97	-10.24	69.50	-49.77	100	257	QP	Open	
18.98	30.18	-11.20	69.50	-50.52	100	153	QP	Open	
26.30	34.29	-7.99	69.50	-43.20	100	197	QP	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

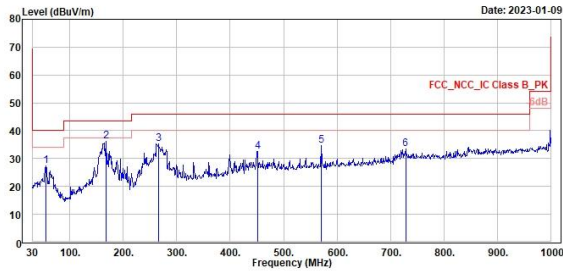
BLE_1M

CH39 (Horizontal)

CH39 (Vertical)



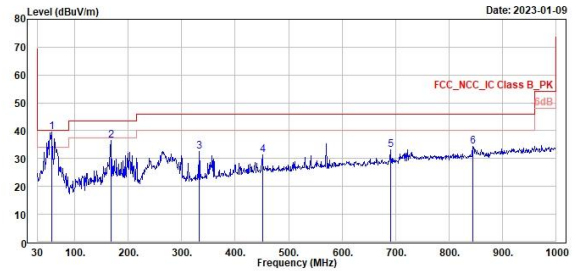
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1	2	3	4	5	6					
Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
55.22	27.46	33.86	-6.40	40.00	-12.54	400	276	QP	Horizontal	
167.74	36.15	42.04	-5.89	43.50	-7.35	200	245	QP	Horizontal	
265.71	35.41	41.37	-5.96	46.00	-10.59	300	124	QP	Horizontal	
458.98	32.64	34.64	-2.00	46.00	-13.36	200	207	QP	Horizontal	
571.26	34.55	34.91	-0.36	46.00	-11.45	100	146	QP	Horizontal	
728.40	33.37	31.32	2.05	46.00	-12.63	200	55	QP	Horizontal	



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1	2	3	4	5	6					
Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
57.16	39.58	46.28	-6.70	40.00	-0.42	100	296	QP	Vertical	
167.74	36.47	42.36	-5.89	43.50	-7.03	100	327	QP	Vertical	
332.64	32.52	36.41	-3.89	46.00	-13.48	100	168	QP	Vertical	
458.98	31.28	33.28	-2.00	46.00	-14.72	100	20	QP	Vertical	
690.57	33.05	31.36	1.69	46.00	-12.95	200	180	QP	Vertical	
844.80	34.23	30.20	4.03	46.00	-11.77	100	12	QP	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

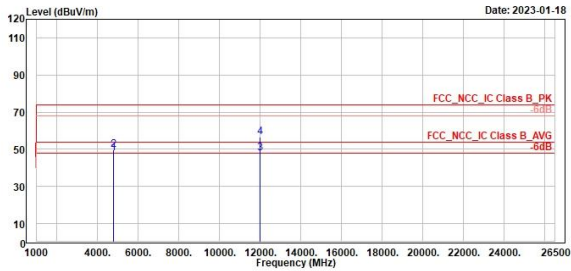
BLE_1M

CH37 (Horizontal)

CH37 (Vertical)



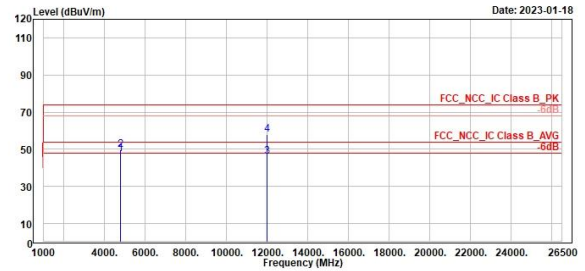
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
1	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg											
1	4804.00	47.94	56.46	-8.52	54.00	-6.06	300	341	Average	Horizontal									
2	4804.00	49.63	58.15	-8.52	74.00	-24.37	300	341	Peak	Horizontal									
3	12818.00	47.80	46.91	0.89	54.00	-6.20	100	33	Average	Horizontal									
4	12818.00	56.36	55.47	0.89	74.00	-17.64	100	33	Peak	Horizontal									



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No. 438-18, Sec 2, Fenhsiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
1	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg											
1	4804.00	47.39	55.91	-8.52	54.00	-6.61	100	188	Average	Vertical									
2	4804.00	49.72	58.24	-8.52	74.00	-24.28	100	188	Peak	Vertical									
3	12818.00	46.23	45.34	0.89	54.00	-7.77	100	294	Average	Vertical									
4	12818.00	58.01	57.12	0.89	74.00	-15.99	100	294	Peak	Vertical									