

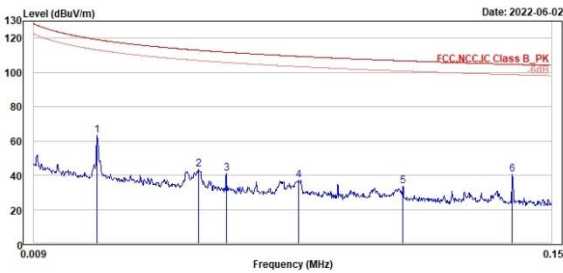
BLE_2M

CH1 (Open) 9kHz~150kHz

CH1 (Open) 150kHz~30MHz



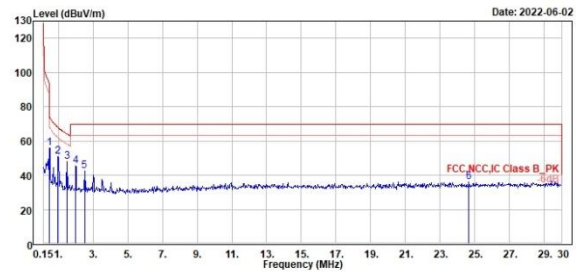
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.03	63.24	44.06	19.18	119.18	-55.94	100	104	QP	Open	
2	0.05	43.68	24.46	19.22	112.95	-69.27	100	149	QP	Open	
3	0.06	40.79	21.73	19.06	111.82	-71.03	100	274	QP	Open	
4	0.08	36.97	18.35	18.62	109.41	-72.44	100	148	QP	Open	
5	0.11	33.73	15.48	18.25	106.81	-73.08	100	159	QP	Open	
6	0.14	40.72	22.36	18.36	104.72	-64.00	100	186	QP	Open	



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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	0.48	56.01	37.06	18.95	94.01	-38.00	100	158	Peak	Vertical	
2	0.99	51.03	31.77	19.26	67.73	-16.70	100	167	Peak	Vertical	
3	1.49	47.76	28.42	19.34	64.12	-16.36	100	158	Peak	Vertical	
4	2.00	45.50	26.09	19.41	69.50	-24.00	100	178	Peak	Vertical	
5	2.51	42.61	23.14	19.47	69.50	-26.89	100	154	Peak	Vertical	
6	24.66	36.04	13.63	22.41	69.50	-33.46	100	140	Peak	Vertical	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

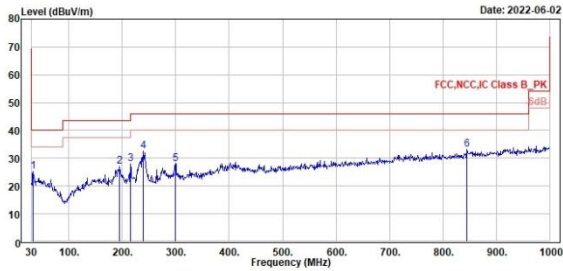
BLE_1M

CH19 (Horizontal)

CH19 (Vertical)



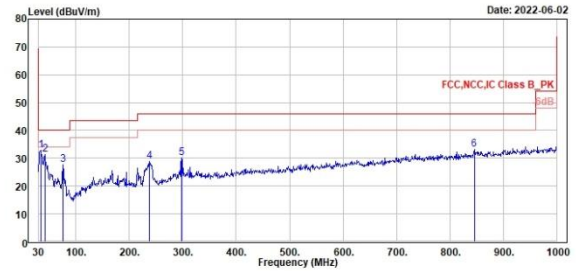
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	32.91	25.12	32.63	-7.51	40.00	-14.88	100	150	QP	Horizontal	
2	194.90	27.17	35.75	-8.58	43.50	-16.33	300	4	QP	Horizontal	
3	215.27	27.94	36.08	-8.14	43.50	-15.56	200	173	QP	Horizontal	
4	239.52	32.66	39.40	-6.74	46.00	-13.34	100	242	QP	Horizontal	
5	298.69	28.05	32.80	-4.75	46.00	-17.95	100	147	QP	Horizontal	
6	844.80	33.24	29.51	3.73	46.00	-12.76	300	310	QP	Horizontal	



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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	33.08	32.71	39.97	-7.26	40.00	-7.29	100	154	QP	Vertical	
2	41.64	31.37	37.49	-6.12	40.00	-8.63	115	269	QP	Vertical	
3	75.59	27.77	37.35	-9.58	40.00	-12.23	300	303	QP	Vertical	
4	237.58	28.97	35.76	-6.79	46.00	-17.03	100	122	QP	Vertical	
5	297.72	30.07	34.85	-4.78	46.00	-15.93	100	244	QP	Vertical	
6	845.77	33.20	29.47	3.73	46.00	-12.80	300	147	QP	Vertical	

BLE_2M

CH1 (Horizontal)

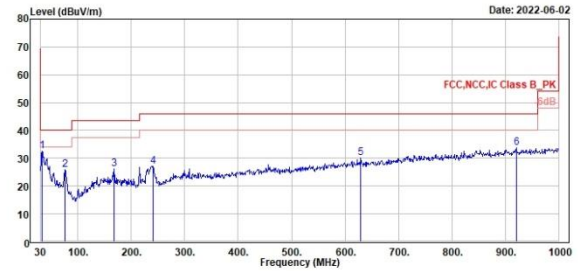
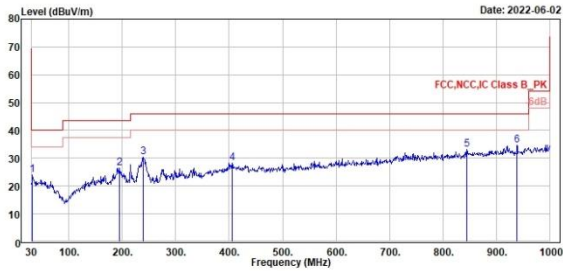
CH1 (Vertical)



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1	2	3	4	5	6				
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
31.94	24.06	31.49	-7.43	40.00	-15.94	100	34 QP	Horizontal	
193.93	26.53	35.11	-8.58	43.50	-16.97	200	188 QP	Horizontal	
239.52	30.31	37.05	-6.74	46.00	-15.69	200	104 QP	Horizontal	
405.39	28.33	31.21	-2.88	46.00	-17.67	200	188 QP	Horizontal	
844.80	33.09	29.36	3.73	46.00	-12.91	200	280 QP	Horizontal	
938.89	34.56	29.31	5.25	46.00	-11.44	100	240 QP	Horizontal	

1	2	3	4	5	6				
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
32.91	32.53	40.04	-7.51	40.00	-7.47	100	254 QP	Vertical	
75.59	25.89	35.47	-9.58	40.00	-14.11	120	38 QP	Vertical	
167.74	26.25	32.24	-5.99	43.50	-17.25	100	133 QP	Vertical	
240.49	27.11	33.83	-6.72	46.00	-18.89	100	158 QP	Vertical	
629.46	30.20	29.44	0.76	46.00	-15.80	200	118 QP	Vertical	
920.46	33.71	28.70	5.01	46.00	-12.29	100	62 QP	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

BLE_1M

CH0 (Horizontal)

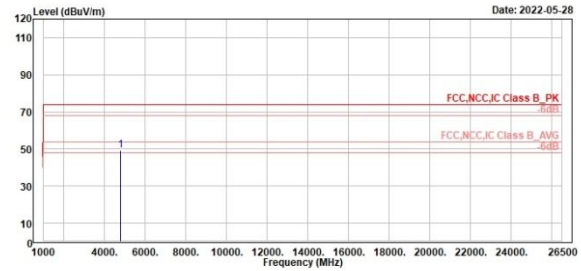
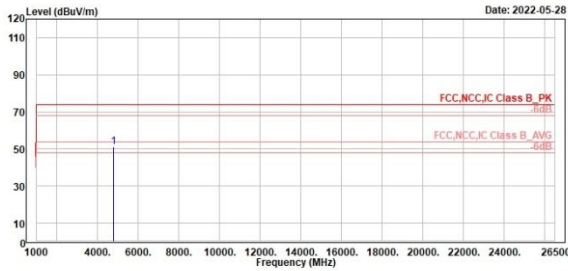
CH0 (Vertical)



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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	51.16	61.03	-9.87	74.00	-22.84	100	110 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	4804.00	49.06	58.93	-9.87	74.00	-24.94	300	175 Peak	Vertical	

BLE_1M

CH19 (Horizontal)

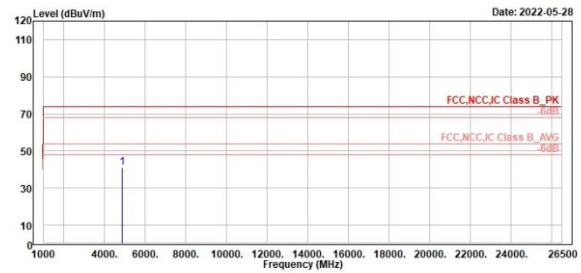
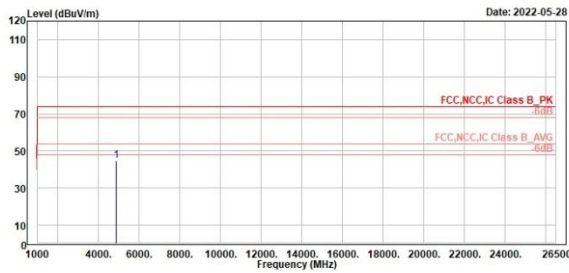
CH19 (Vertical)



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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	4888.00	44.75	54.54	-9.79	74.00	-29.25	300	278 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	4888.00	40.95	50.74	-9.79	74.00	-33.05	400	32 Peak	Vertical	

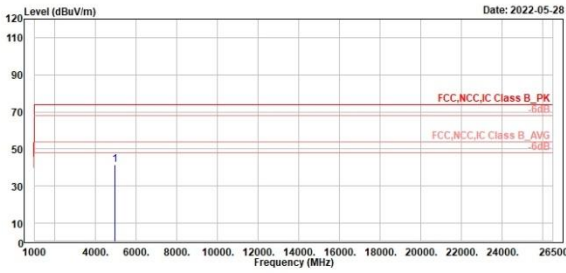
BLE_1M

CH39 (Horizontal)

CH39 (Vertical)



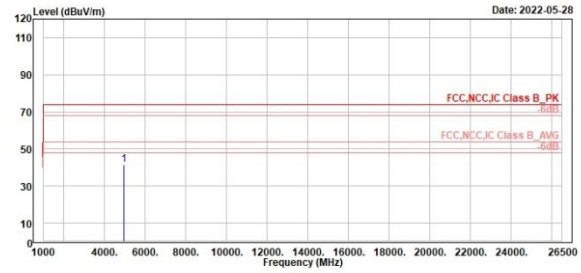
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4960.00	41.52	51.06	-9.54	74.00	-32.48	100	298 Peak	Horizontal	



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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	41.62	51.16	-9.54	74.00	-32.38	300	168 Peak	Vertical	

BLE_2M

CH1 (Horizontal)

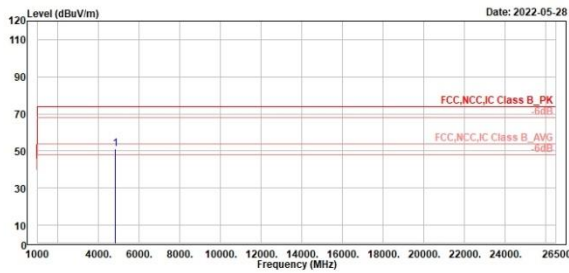
CH (Vertical)



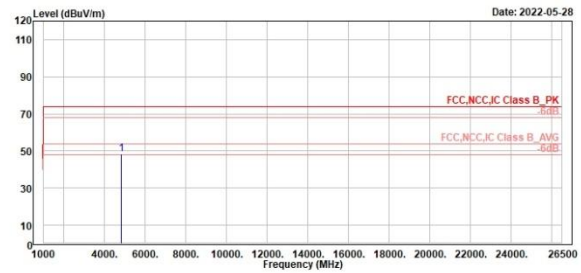
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4888.00	51.28	61.13	-9.85	74.00	-22.72	100	104 Peak	Horizontal	



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	4888.00	48.20	58.05	-9.85	74.00	-25.80	300	174 Peak	Vertical	

BLE_2M

CH19 (Horizontal)

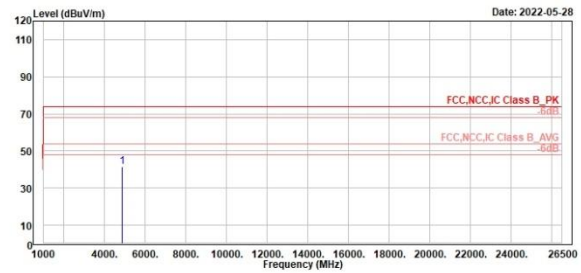
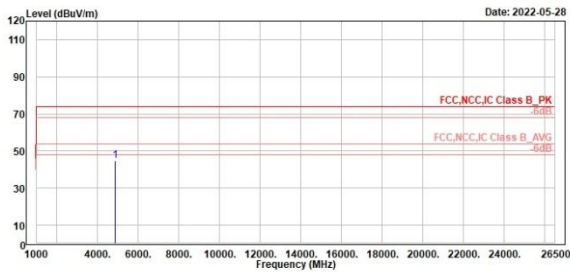
CH19 (Vertical)



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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	4888.00	44.58	54.37	-9.79	74.00	-29.42	300	272 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	4888.00	41.36	51.15	-9.79	74.00	-32.64	400	159 Peak	Vertical	

BLE_2M

CH38 (Horizontal)

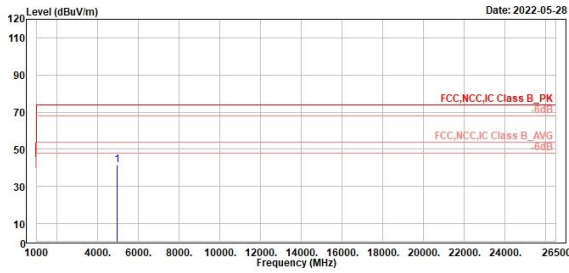
CH38 (Vertical)



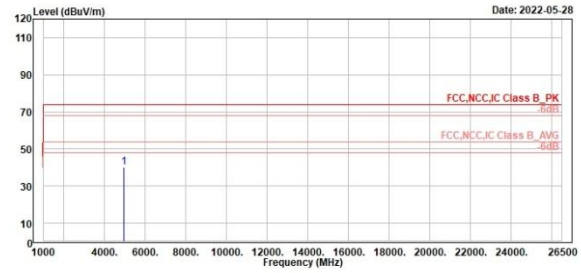
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4956.00	41.60	51.15	-9.55	74.00	-32.40	400	208 Peak	Horizontal	



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	4956.00	40.25	49.80	-9.55	74.00	-33.75	247	360 Peak	Vertical	

Test Results of Radiated Spurious Emissions for ANT 5

(UFL, ECC, Buck PWM On)

Band Edges, 2.31GHz ~ 2.9GHz

BLE_2M

CH1 (Horizontal) Peak

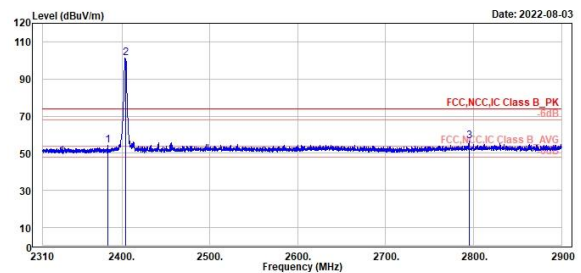
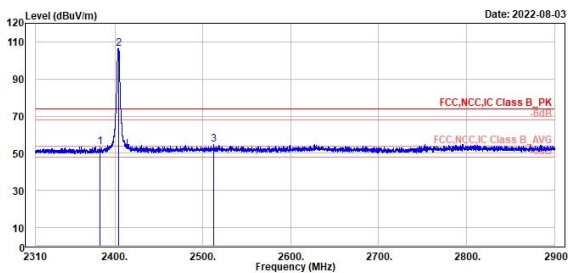
CH1 (Vertical) Peak



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Peak	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	2382.69	53.48	15.94	37.54	74.00	-20.52	270	286	Peak	Horizontal	
2 *	2494.00	106.38	68.74	37.64	74.00	32.38	270	286	Peak	Horizontal	
3	2512.37	54.97	17.11	37.86	74.00	-19.03	270	286	Peak	Horizontal	

Peak	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	2384.22	54.14	16.59	37.55	74.00	-19.86	400	146	Peak	Vertical	
2 *	2494.00	101.25	63.61	37.64	74.00	27.25	400	146	Peak	Vertical	
3	2794.63	56.63	18.43	38.20	74.00	-17.37	400	146	Peak	Vertical	

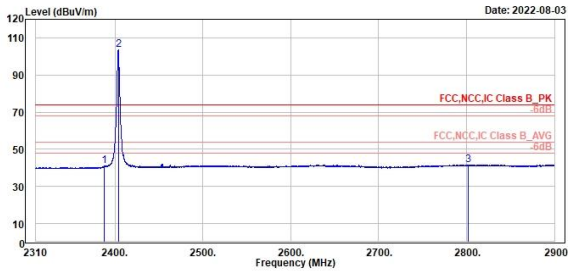
BLE_2M

CH1 (Horizontal) Average

CH1 (Vertical) Average



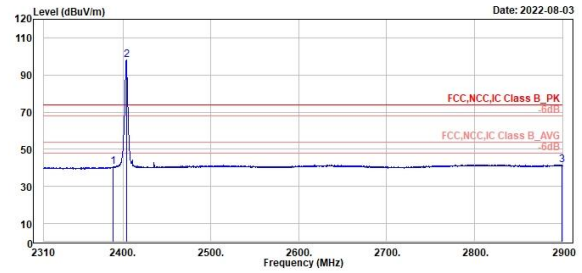
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1	2	3
2388.35	2404.00	2881.82
41.16	103.51	41.70
3.59	65.87	3.49
37.57	37.64	38.21
54.00	54.00	54.00
-12.84	49.51	-12.30
270	270	270
286 Average	286 Average	286 Average
Horizontal	Horizontal	Horizontal



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1	2	3
2389.18	2404.00	2898.82
40.40	98.21	41.63
2.82	60.57	3.21
37.58	37.64	38.42
54.00	54.00	54.00
-13.60	44.21	-12.37
400	400	400
146 Average	146 Average	146 Average
Vertical	Vertical	Vertical

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

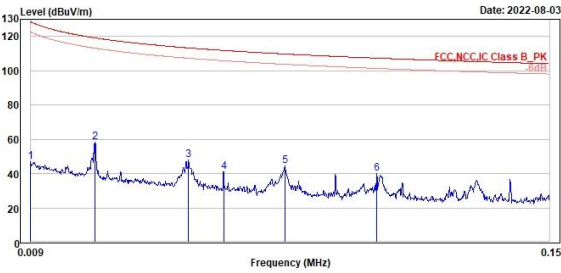
BLE_2M

CH1 (Open) 9kHz~150kHz

CH1 (Open) 150kHz~30MHz



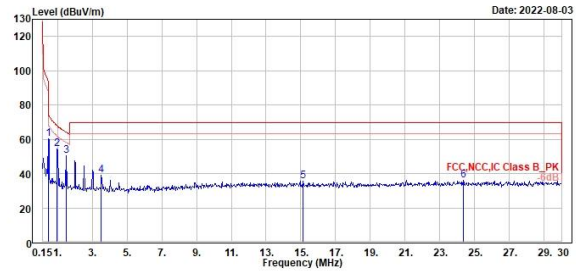
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	47.08	29.07	18.01	128.50	-81.42	100	285 QP	Open
2	0.03	58.54	39.35	19.19	119.13	-69.59	100	5 QP	Open
3	0.05	47.83	28.56	19.27	113.30	-65.47	100	218 QP	Open
4	0.06	41.18	22.12	19.06	111.82	-70.64	100	294 QP	Open
5	0.08	44.33	25.64	18.69	109.73	-65.40	100	216 QP	Open
6	0.10	40.02	21.79	18.23	107.34	-67.32	100	220 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	0.48	60.30	41.35	18.95	94.01	-33.71	100	146 QP	Open
2	0.99	54.60	35.34	19.26	67.73	-13.13	100	136 QP	Open
3	1.49	50.56	31.22	19.34	64.12	-13.56	100	142 QP	Open
4	3.52	38.99	19.50	19.49	69.50	-30.51	100	130 QP	Open
5	15.10	35.66	13.80	21.86	69.50	-33.84	100	270 QP	Open
6	24.33	35.93	13.54	22.39	69.50	-33.57	100	15 QP	Open

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_2M

CH1 (Horizontal)

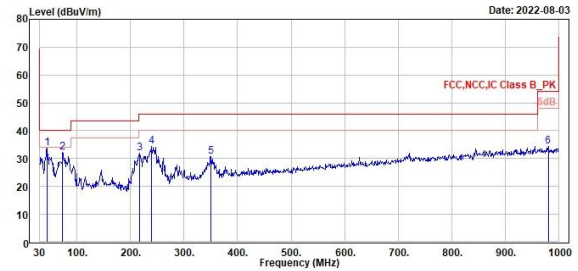
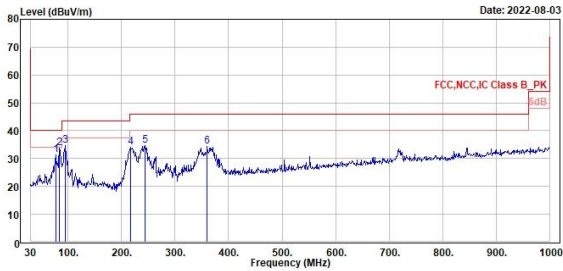
CH1 (Vertical)



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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	76.56	31.35	41.13	-9.78	40.00	-8.65	300	86 QP	Horizontal
2	84.32	33.61	45.07	-11.46	40.00	-6.39	400	237 QP	Horizontal
3	94.02	34.57	47.07	-12.50	43.50	-8.93	400	215 QP	Horizontal
4	216.24	34.04	42.17	-8.13	46.00	-11.96	200	37 QP	Horizontal
5	244.37	34.54	41.25	-6.71	46.00	-11.46	100	272 QP	Horizontal
6	359.00	34.27	38.02	-3.75	46.00	-11.73	100	215 QP	Horizontal

Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	43.58	33.69	39.62	-5.93	40.00	-6.31	400	186 QP	Vertical
2	72.68	32.26	41.28	-9.02	40.00	-7.74	100	129 QP	Vertical
3	216.24	32.00	40.13	-8.13	46.00	-14.00	100	109 QP	Vertical
4	239.52	34.31	41.05	-6.74	46.00	-11.69	100	182 QP	Vertical
5	350.10	30.70	34.59	-3.89	46.00	-15.30	100	353 QP	Vertical
6	900.00	34.50	28.60	5.90	54.00	-19.50	100	161 QP	Vertical

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

BLE_2M

CH1 (Horizontal)

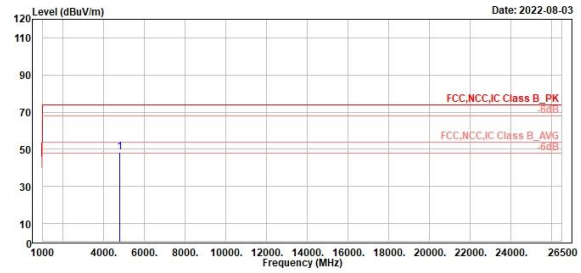
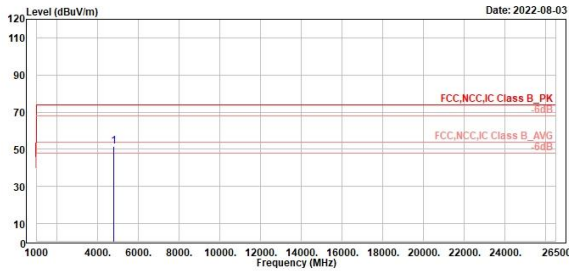
CH1 (Vertical)



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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	4884.00	51.67	61.54	-9.87	74.00	-22.33	100	298 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	4884.00	48.39	58.26	-9.87	74.00	-25.61	400	360 Peak	Vertical	

Test Results of Radiated Spurious Emissions & Mains Conducted

Emission Test for ANT 5 (UFL, ECC, 2nd Source)

Band Edges, 2.31GHz ~ 2.9GHz

BLE_1M

CH0 (Horizontal) Peak

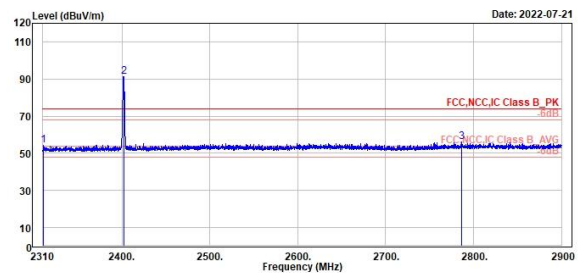
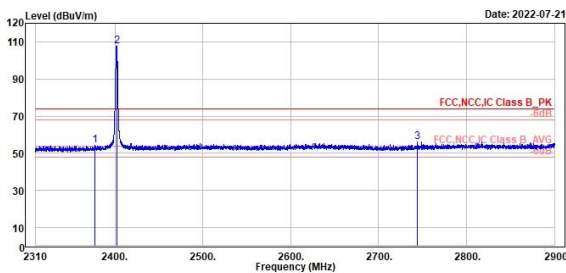
CH0 (Vertical) Peak



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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	2377.26	54.43	16.91	37.52	74.00	-19.57	245	265	Peak	Horizontal	
2 *	2402.00	187.66	70.83	37.63	74.00	33.66	245	265	Peak	Horizontal	
3	2744.36	56.21	18.09	38.12	74.00	-17.79	245	265	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	2311.06	54.21	16.96	37.25	74.00	-19.79	355	285	Peak	Vertical	
2 *	2402.00	91.17	53.54	37.63	74.00	17.17	355	285	Peak	Vertical	
3	2786.13	56.03	17.84	38.19	74.00	-17.97	355	285	Peak	Vertical	

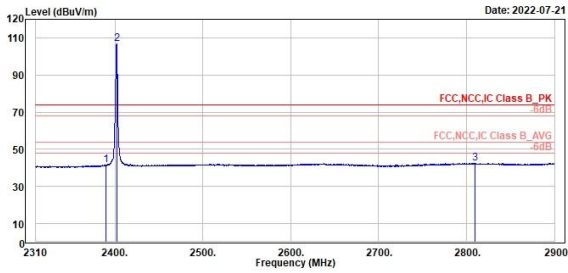
BLE_1M

CH0 (Horizontal) Average

CH0 (Vertical) Average



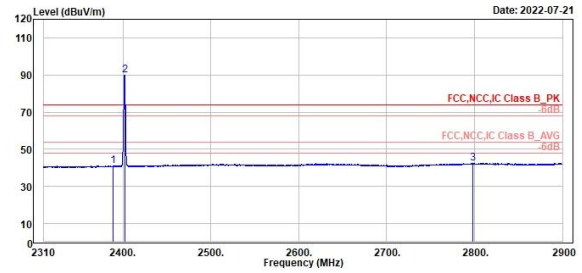
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2389.41	41.57	3.99	37.58	54.00	-12.43	245	265	Average	Horizontal	
2 *	2482.00	106.54	68.91	37.63	54.00	52.54	245	265	Average	Horizontal	
3	2809.97	42.55	4.35	38.20	54.00	-11.45	245	265	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	2389.18	41.10	3.52	37.58	54.00	-12.90	355	205	Average	Vertical	
2 *	2482.00	90.07	52.44	37.63	54.00	36.07	355	205	Average	Vertical	
3	2798.28	42.49	4.29	38.20	54.00	-11.51	355	205	Average	Vertical	

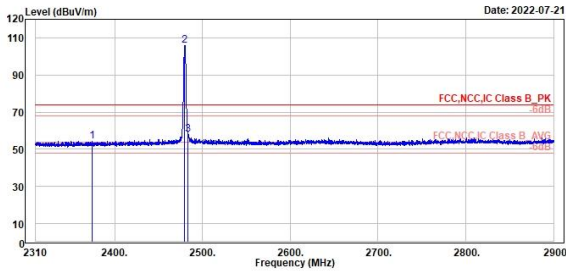
BLE_1M

CH39 (Horizontal) Peak

CH39 (Vertical) Peak



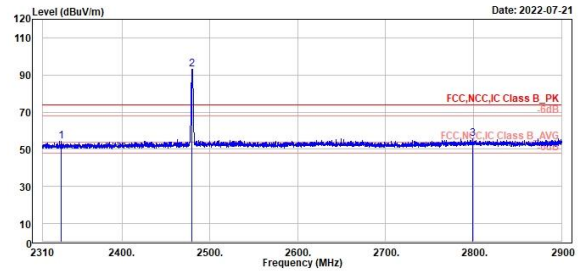
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2374.43	54.35	16.85	37.50	74.00	-19.65	260	77	Peak	Horizontal	
2 *	2480.00	106.06	68.27	37.79	74.00	32.06	260	77	Peak	Horizontal	
3	2483.46	58.05	20.25	37.80	74.00	-15.95	260	77	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	2331.36	54.37	17.06	37.31	74.00	-19.63	262	359	Peak	Vertical	
2 *	2480.00	92.89	55.19	37.79	74.00	18.89	262	359	Peak	Vertical	
3	2798.87	55.83	17.63	38.20	74.00	-18.17	262	359	Peak	Vertical	

BLE_1M

CH39 (Horizontal) Average

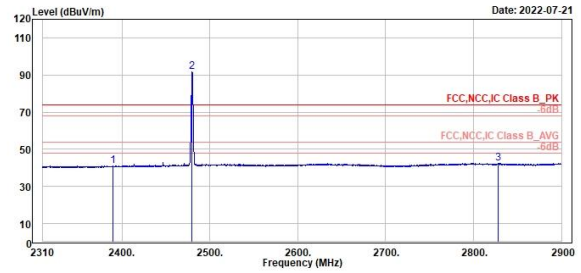
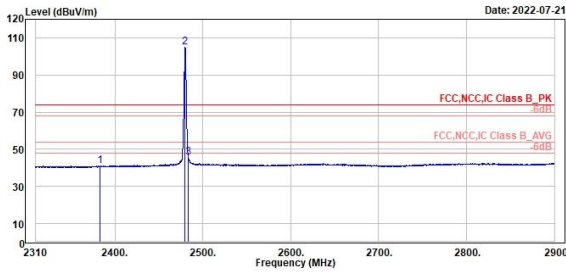
CH39 (Vertical) Average



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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	2383.16	41.10	3.56	37.54	54.00	-12.90	260	77 Average	Horizontal	
2 *	2488.00	104.95	67.16	37.79	54.00	50.95	260	77 Average	Horizontal	
3	2483.46	45.67	7.87	37.80	54.00	-8.33	260	77 Average	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	2389.09	40.92	3.34	37.58	54.00	-13.08	262	359 Average	Vertical	
2 *	2488.00	91.80	54.01	37.79	54.00	37.80	262	359 Average	Vertical	
3	2827.90	42.48	4.30	38.18	54.00	-11.52	262	359 Average	Vertical	

BLE_2M

CH1 (Horizontal) Peak

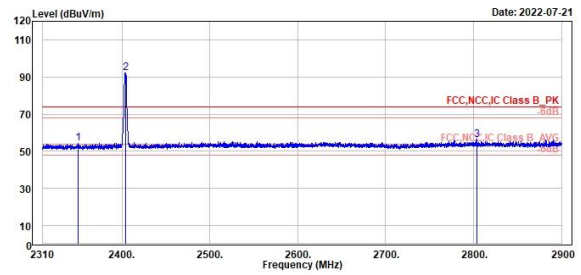
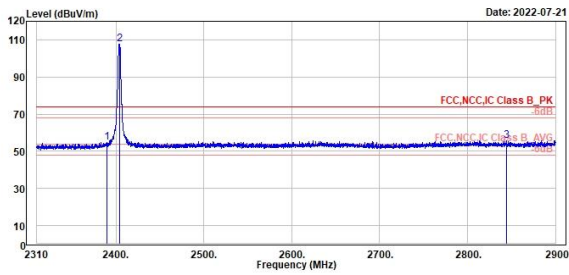
CH1 (Vertical) Peak



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Peak	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	2390.00	54.79	17.21	37.58	74.00	-19.21	246	265	Peak	Horizontal	
2 *	2404.00	187.56	69.82	37.64	74.00	33.56	246	265	Peak	Horizontal	
3	2844.42	55.80	17.63	38.17	74.00	-18.20	246	265	Peak	Horizontal	

Peak	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	2350.12	54.26	16.89	37.37	74.00	-19.74	313	168	Peak	Vertical	
2 *	2404.00	92.29	54.65	37.64	74.00	18.29	313	168	Peak	Vertical	
3	2893.36	56.35	18.15	38.20	74.00	-17.65	313	168	Peak	Vertical	

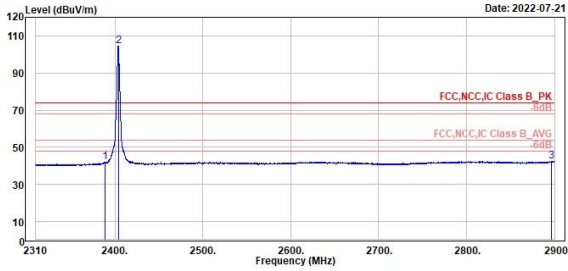
BLE_2M

CH1 (Horizontal) Average

CH1 (Vertical) Average



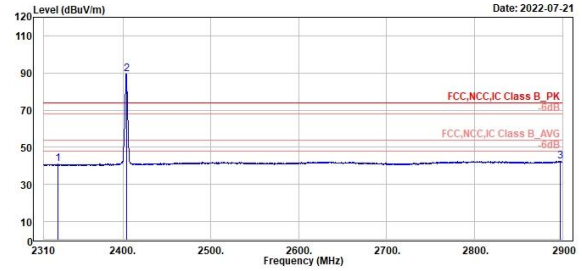
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1	2	3
2388.47	42.15	4.58
2484.00	104.69	67.05
2896.34	42.43	4.02



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1	2	3
2326.28	41.00	3.70
2484.00	89.44	51.80
2897.52	42.57	4.16

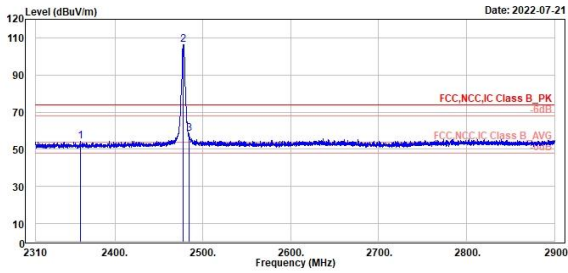
BLE_2M

CH38 (Horizontal) Peak

CH38 (Vertical) Peak



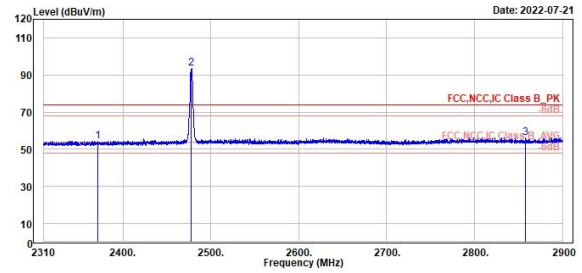
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2360.50	54.44	17.01	37.43	74.00	-19.56	234	76	Peak	Horizontal	
2 *	2478.00	106.25	68.47	37.78	74.00	32.25	234	76	Peak	Horizontal	
3	2484.17	58.63	20.83	37.80	74.00	-15.37	234	76	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	2371.48	54.46	16.97	37.49	74.00	-19.54	324	351	Peak	Vertical	
2 *	2478.00	93.42	55.64	37.78	74.00	19.42	324	351	Peak	Vertical	
3	2857.99	56.28	18.08	38.20	74.00	-17.72	324	351	Peak	Vertical	

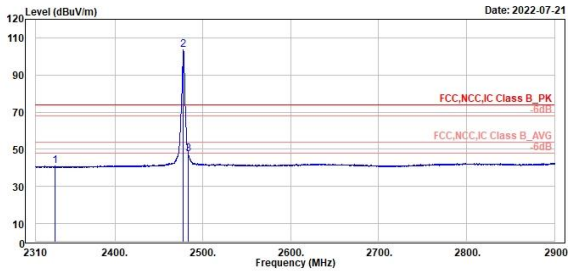
BLE_2M

CH38 (Horizontal) Average

CH38 (Vertical) Average



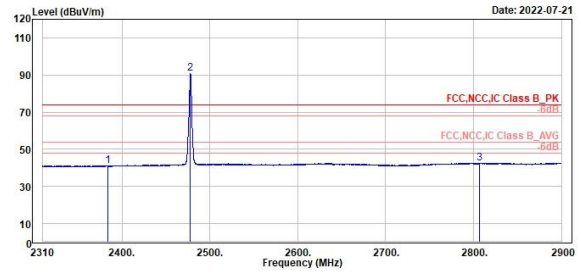
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2332.07	40.90	3.59	37.31	54.00	-13.10	234	76	Average	Horizontal	
2 *	2478.00	103.35	65.57	37.78	54.00	49.35	234	76	Average	Horizontal	
3	2483.46	47.29	9.49	37.80	54.00	-6.71	234	76	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	2383.99	41.22	3.67	37.55	54.00	-12.78	324	351	Average	Vertical	
2 *	2478.00	90.60	52.82	37.78	54.00	36.60	324	351	Average	Vertical	
3	2807.02	42.65	4.45	38.20	54.00	-11.35	324	351	Average	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

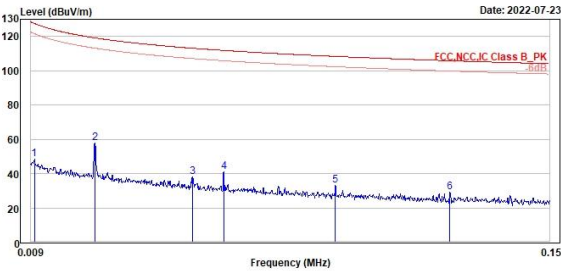
BLE_2M

CH19 (Open) 9kHz~150kHz

CH19 (Open) 150kHz~30MHz



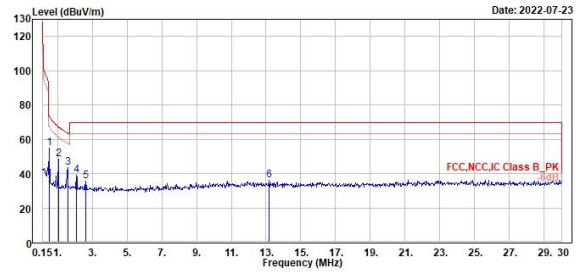
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	48.64	38.93	17.71	127.60	-78.96	100	32 QP	Open
2	0.03	58.02	38.83	19.19	119.13	-61.11	100	17 QP	Open
3	0.05	38.15	18.91	19.24	113.11	-74.96	100	168 QP	Open
4	0.06	41.11	22.05	19.06	111.82	-70.71	100	196 QP	Open
5	0.09	32.97	14.58	18.39	108.34	-75.37	100	167 QP	Open
6	0.12	29.10	10.80	18.30	105.80	-76.70	100	295 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	0.51	54.68	35.73	18.95	73.48	-18.00	100	163 QP	Open
2	1.05	48.31	29.04	19.27	67.22	-18.91	100	164 QP	Open
3	1.58	43.61	24.26	19.35	63.62	-20.01	100	152 QP	Open
4	2.09	39.16	19.74	19.42	69.50	-30.34	100	147 QP	Open
5	2.63	35.81	16.33	19.48	69.50	-33.69	100	163 QP	Open
6	13.19	36.31	14.59	21.72	69.50	-33.19	100	322 QP	Open

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_2M

CH19 (Horizontal)

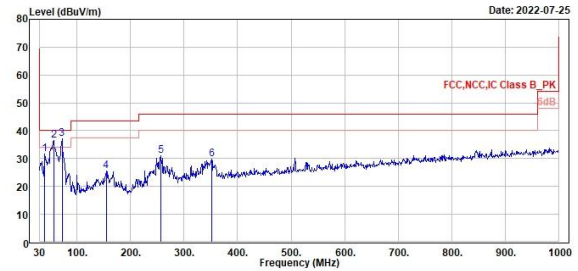
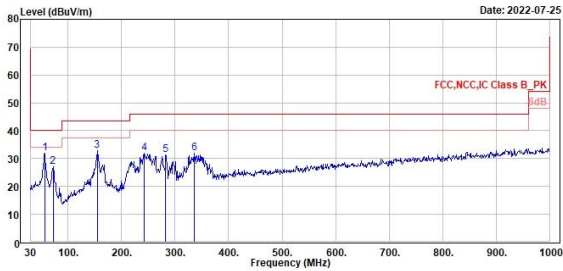
CH19 (Vertical)



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Line	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	56.19	31.98	38.66	-6.68	40.00	-8.02	100	108 QP	Horizontal	
2	71.71	27.09	36.00	-8.91	40.00	-12.91	200	97 QP	Horizontal	
3	154.16	32.75	38.86	-6.11	43.50	-10.75	200	241 QP	Horizontal	
4	242.43	31.84	38.55	-6.71	46.00	-14.16	200	96 QP	Horizontal	
5	282.20	31.31	36.58	-5.27	46.00	-14.69	100	68 QP	Horizontal	
6	335.55	31.63	35.74	-3.91	46.00	-14.17	100	82 QP	Horizontal	

Line	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	39.70	31.60	37.96	-6.36	40.00	-8.40	100	66 QP	Vertical	
2 !	56.19	36.63	43.31	-6.68	40.00	-3.37	200	24 QP	Vertical	
3 !	71.71	36.96	45.87	-8.91	40.00	-3.04	100	261 QP	Vertical	
4	154.16	25.43	31.54	-6.11	43.50	-18.07	200	156 QP	Vertical	
5	256.01	31.07	37.41	-6.34	46.00	-14.93	100	148 QP	Vertical	
6	351.07	29.70	35.57	-3.87	46.00	-16.30	100	360 QP	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

BLE_1M

CH19 (Horizontal)

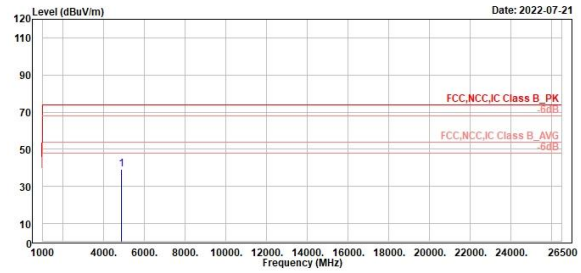
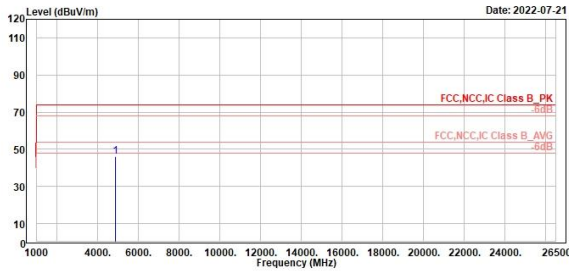
CH19 (Vertical)



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1	4880.00	46.06	55.85	-9.79	74.00	-27.94	100	44	Peak	Horizontal
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1	4880.00	39.20	48.99	-9.79	74.00	-34.80	300	180	Peak	Vertical
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BLE_2M

CH19 (Horizontal)

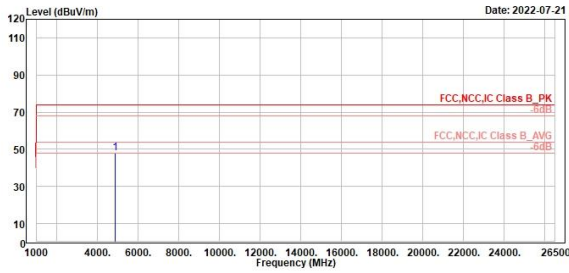
CH19 (Vertical)



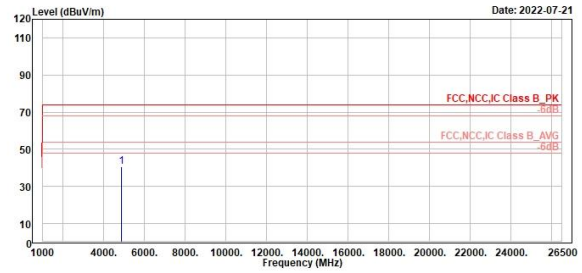
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4880.00	47.81	57.60	-9.79	74.00	-26.19	100	295 Peak	Horizontal	



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	40.77	50.56	-9.79	74.00	-33.23	318	360 Peak	Vertical	

Test Results of Radiated Spurious Emissions for ANT 5

(UFL, ECC, 2nd Source, Buck PWM On)

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

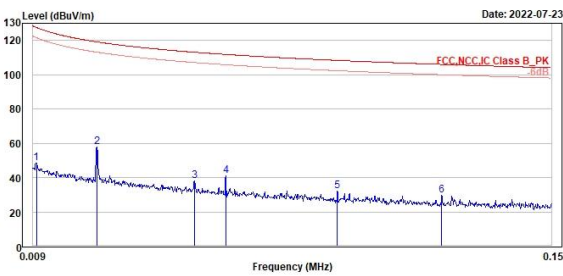
BLE_2M

CH19 (Open) 9kHz~150kHz

CH19 (Open) 150kHz~30MHz



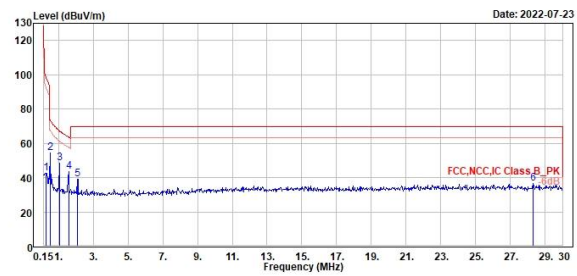
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	48.37	30.66	17.71	127.60	-79.23	100	151 QP	Open
2	0.03	57.00	38.61	19.19	119.13	-61.33	100	50 QP	Open
3	0.05	37.93	18.69	19.24	113.11	-75.18	100	193 QP	Open
4	0.06	40.81	21.75	19.06	111.82	-71.01	100	288 QP	Open
5	0.09	31.99	13.60	18.39	100.34	-76.35	100	171 QP	Open
6	0.12	29.83	11.54	18.29	106.01	-76.18	100	252 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	0.27	42.73	23.91	18.82	98.99	-56.26	100	134 QP	Open
2	0.51	54.29	35.34	18.95	73.48	-19.19	100	170 QP	Open
3	1.05	48.22	28.95	19.27	67.22	-19.00	100	71 QP	Open
4	1.58	43.47	24.12	19.35	63.62	-20.15	100	154 QP	Open
5	2.09	39.17	19.75	19.42	69.50	-30.33	100	186 QP	Open
6	28.30	36.47	13.90	22.57	69.50	-33.03	100	324 QP	Open

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

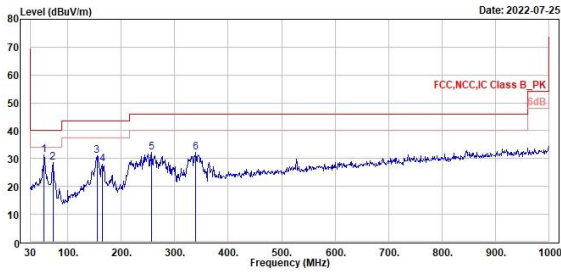
BLE_2M

CH19 (Horizontal)

CH19 (Vertical)



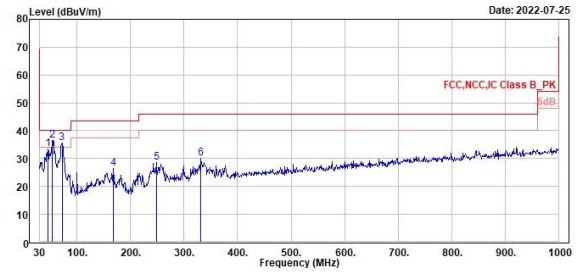
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	55.22	31.37	37.89	-6.52	40.00	-8.63	200	92 QP	Horizontal	
2	71.71	28.46	37.37	-8.91	40.00	-11.54	200	277 QP	Horizontal	
3	154.16	31.02	37.13	-6.11	43.50	-12.48	100	124 QP	Horizontal	
4	164.83	28.12	34.04	-5.92	43.50	-15.38	200	60 QP	Horizontal	
5	256.01	32.13	38.47	-6.34	46.00	-13.87	100	99 QP	Horizontal	
6	339.43	32.25	36.19	-3.94	46.00	-13.75	100	64 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	45.52	33.44	39.42	-5.98	40.00	-6.56	105	360 QP	Vertical	
2 !	53.28	36.63	43.01	-6.38	40.00	-3.37	200	340 QP	Vertical	
3 !	71.71	35.49	44.40	-8.91	40.00	-4.51	100	298 QP	Vertical	
4	167.74	26.56	32.55	-5.99	43.50	-16.94	100	96 QP	Vertical	
5	248.25	28.61	35.17	-6.56	46.00	-17.39	100	180 QP	Vertical	
6	331.67	30.21	34.17	-3.96	46.00	-15.79	100	254 QP	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

BLE_2M

CH19 (Horizontal)

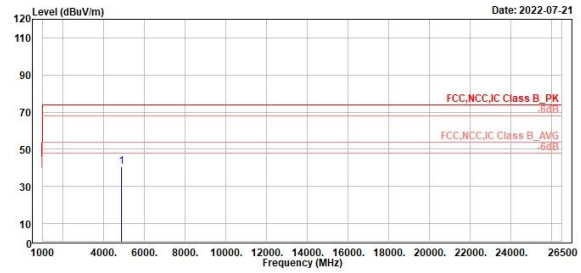
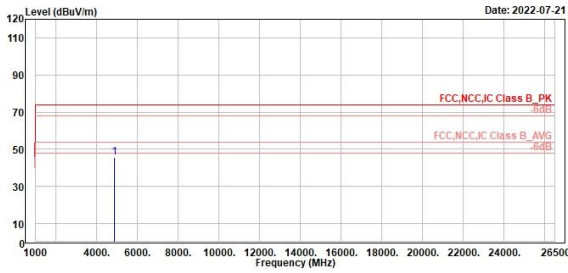
CH19 (Vertical)



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1	4880.00	45.69	55.48	-9.79	74.00	-28.31	100	41	Peak	Horizontal
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1	4880.00	40.75	50.54	-9.79	74.00	-33.25	300	181	Peak	Vertical
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Mains Conducted Emission for ANT 5, 150kHz ~ 30MHz

Worst Band (ECC)

(Line)

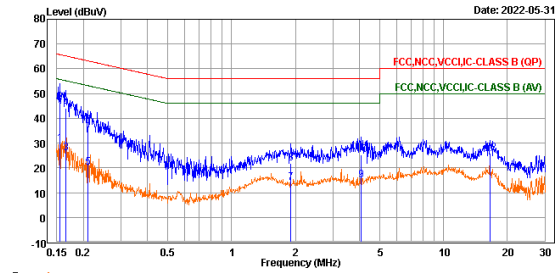
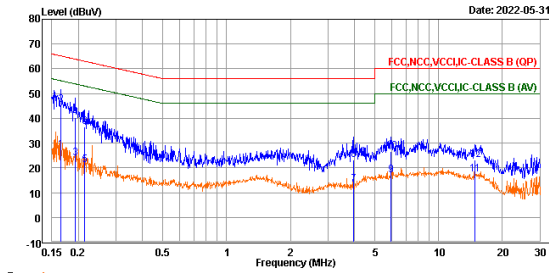
(Neutral)



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Trace: 1

Line	Freq (MHz)	Level (dBuV)	Read Level (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Remark	Pol/Phase	Note
1	0.17	27.14	17.53	9.61	55.17	-28.03	Average	line1	
2	0.17	45.28	35.67	9.61	65.17	-19.89	QP	line1	
3	0.19	23.88	14.27	9.61	53.95	-30.05	Average	line1	
4	0.19	40.29	30.68	9.61	63.93	-23.64	QP	line1	
5	0.21	21.22	11.61	9.61	53.06	-31.84	Average	line1	
6	0.21	36.69	27.08	9.61	63.06	-26.37	QP	line1	
7	3.97	13.28	3.61	9.67	46.00	-32.72	Average	line1	
8	3.97	23.21	13.54	9.67	56.00	-32.79	QP	line1	
9	5.94	17.10	7.41	9.69	50.00	-32.90	Average	line1	
10	5.94	26.48	16.79	9.69	60.00	-33.52	QP	line1	
11	14.78	17.36	7.63	9.73	50.00	-32.64	Average	line1	
12	14.78	23.31	13.58	9.73	60.00	-36.69	QP	line1	

Trace: 1

Line	Freq (MHz)	Level (dBuV)	Read Level (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Remark	Pol/Phase	Note
1	0.15	29.75	20.16	9.59	55.75	-26.00	Average	neutral	
2	0.15	46.43	36.84	9.59	65.75	-19.32	QP	neutral	
3	0.17	26.01	16.42	9.59	55.17	-29.16	Average	neutral	
4	0.17	44.06	34.47	9.59	65.17	-21.11	QP	neutral	
5	0.21	19.97	10.38	9.59	53.18	-33.21	Average	neutral	
6	0.21	36.76	27.17	9.59	63.18	-26.42	QP	neutral	
7	1.91	13.80	4.17	9.63	46.00	-32.20	Average	neutral	
8	1.91	21.93	12.30	9.63	56.00	-34.07	QP	neutral	
9	4.09	14.82	5.16	9.66	46.00	-31.18	Average	neutral	
10	4.09	25.21	15.55	9.66	56.00	-30.79	QP	neutral	
11	16.50	23.65	13.87	9.78	50.00	-26.35	Average	neutral	
12	16.50	25.82	16.04	9.78	60.00	-34.18	QP	neutral	

Test Results of Radiated Spurious Emissions & Mains Conducted

Emission Test for ANT 5 (UFL, Non-ECC)

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

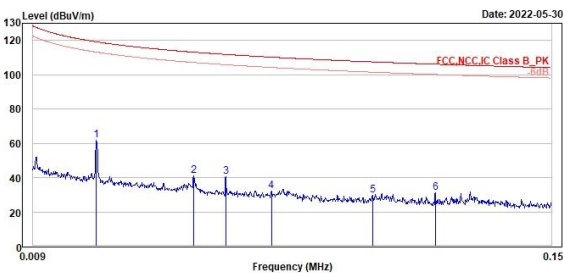
BLE_1M

CH19(Open) 9kHz~150kHz

CH19(Open) 150kHz~30MHz



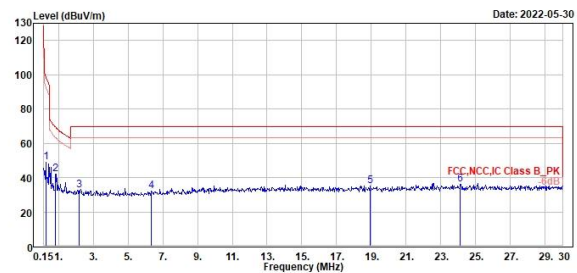
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.03	61.92	42.74	19.18	119.18	-57.26	100	263 QP	Open
2	0.05	41.01	21.76	19.25	113.16	-72.15	100	161 QP	Open
3	0.06	40.34	21.28	19.06	111.82	-71.48	100	133 QP	Open
4	0.07	32.10	13.31	18.79	110.23	-78.13	100	157 QP	Open
5	0.10	29.73	11.51	18.22	107.48	-77.75	100	167 QP	Open
6	0.12	31.06	12.78	18.28	106.13	-75.07	100	134 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	0.27	49.18	30.36	18.82	98.99	-49.81	100	163 QP	Open
2	0.84	42.16	23.00	19.16	69.15	-26.99	100	163 QP	Open
3	2.18	32.66	13.23	19.43	69.50	-36.84	100	28 QP	Open
4	6.36	32.24	12.32	19.92	69.50	-37.26	100	357 QP	Open
5	18.93	34.91	12.78	22.13	69.50	-34.59	100	44 QP	Open
6	24.12	35.93	13.55	22.38	69.50	-33.57	100	314 QP	Open

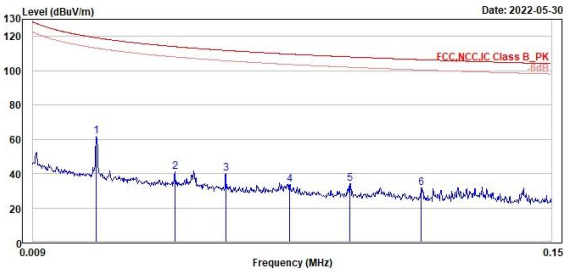
BLE_1M

CH19(Close) 9kHz~150kHz

CH19(Close) 150kHz~30MHz



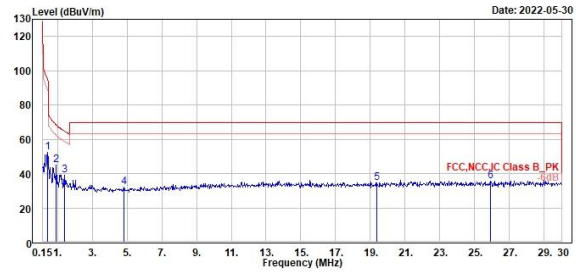
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.03	61.97	42.79	19.18	119.18	-57.21	100	172 QP	Close
2	0.05	41.17	21.84	19.33	114.03	-72.86	100	146 QP	Close
3	0.06	40.16	21.10	19.06	111.82	-71.66	100	145 QP	Close
4	0.08	33.77	15.09	18.68	109.67	-75.90	100	164 QP	Close
5	0.10	34.16	15.84	18.32	108.01	-73.85	100	146 QP	Close
6	0.11	31.58	13.31	18.27	106.41	-74.83	100	145 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	0.45	52.24	33.29	18.95	94.57	-42.33	100	124 QP	Close
2	0.93	45.05	25.82	19.23	68.27	-23.22	100	124 QP	Close
3	1.40	39.07	19.74	19.33	64.66	-25.59	100	124 QP	Close
4	4.81	32.09	12.71	19.38	69.50	-37.41	100	47 QP	Close
5	19.37	34.76	12.61	22.15	69.50	-34.74	100	336 QP	Close
6	25.91	35.57	13.10	22.47	69.50	-33.93	100	80 QP	Close

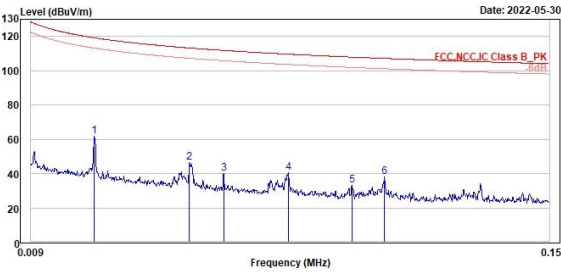
BLE_2M

CH19(Open) 9kHz~150kHz

CH19(Open) 150kHz~30MHz



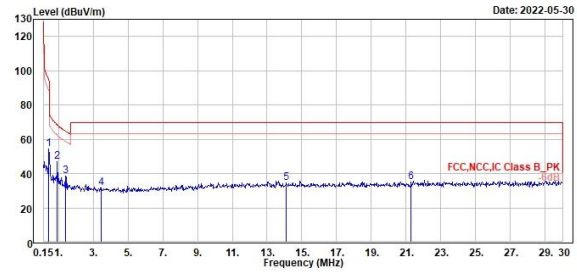
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.03	61.00	42.62	19.18	119.18	-57.38	100	360	QP	Open
2	0.05	46.41	27.15	19.26	113.25	-66.84	100	170	QP	Open
3	0.06	40.28	21.22	19.06	111.82	-71.54	100	59	QP	Open
4	0.08	40.30	21.63	18.67	109.65	-69.35	100	170	QP	Open
5	0.10	32.97	14.67	18.30	107.93	-74.96	100	33	QP	Open
6	0.11	30.17	19.93	18.24	107.16	-68.99	100	170	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	0.45	54.24	35.29	18.95	94.57	-40.33	100	146	QP	Open
2	0.93	47.02	27.79	19.23	68.27	-21.25	100	146	QP	Open
3	1.40	38.38	19.05	19.33	64.66	-26.28	100	146	QP	Open
4	3.46	31.80	12.32	19.48	69.50	-37.70	100	92	QP	Open
5	14.12	34.75	12.96	21.79	69.50	-34.75	100	272	QP	Open
6	21.28	35.11	12.85	22.26	69.50	-34.39	100	76	QP	Open

BLE_2M

CH19(Close) 9kHz~150kHz

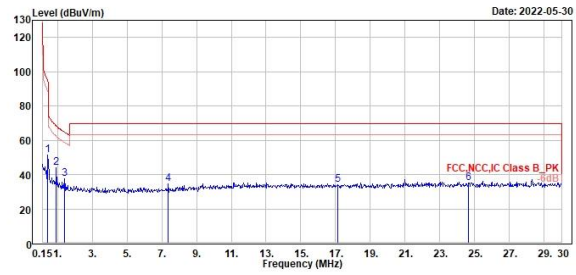
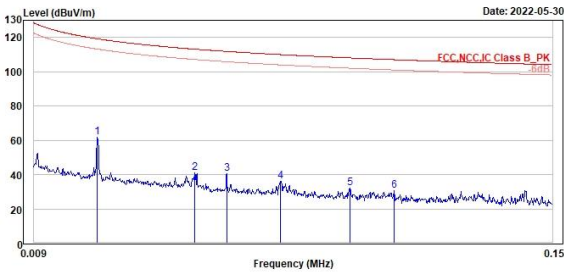
CH19(Close) 150kHz~30MHz



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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	0.03	61.88	42.78	19.18	119.18	-57.38	100	368	QP	Close	
2	0.05	41.27	22.82	18.45	113.13	-71.86	100	149	QP	Close	
3	0.06	48.74	21.68	19.06	111.82	-71.08	100	221	QP	Close	
4	0.08	36.18	17.44	18.74	109.97	-73.79	100	195	QP	Close	
5	0.10	32.32	13.99	18.33	108.04	-75.72	100	147	QP	Close	
6	0.11	30.75	12.51	18.24	107.82	-76.27	100	368	QP	Close	

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	0.45	51.16	32.21	18.95	94.57	-43.41	100	118	QP	Close	
2	0.93	43.98	24.75	19.23	68.27	-24.29	100	118	QP	Close	
3	1.40	37.73	18.40	19.33	64.66	-26.93	100	118	QP	Close	
4	7.37	34.47	14.13	20.34	69.50	-35.03	100	52	QP	Close	
5	17.13	34.26	12.26	22.00	69.50	-35.24	100	262	QP	Close	
6	24.66	35.80	12.59	22.41	69.50	-34.50	100	293	QP	Close	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

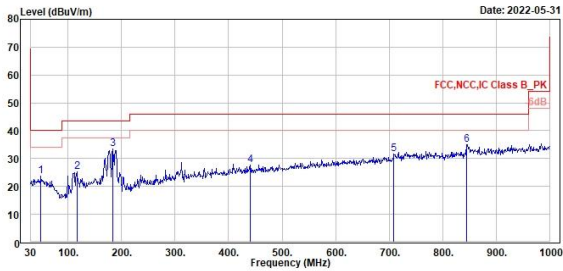
BLE_1M

CH19(Horizontal)

CH19(Vertical)



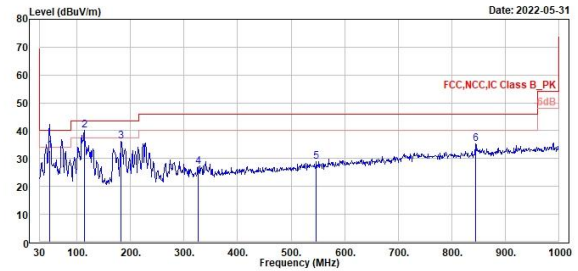
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	49.40	23.60	29.69	-6.09	40.00	-16.40	200	347 QP	Horizontal
2	116.33	25.27	34.19	-8.92	43.50	-18.23	100	42 QP	Horizontal
3	183.26	33.57	41.36	-7.79	43.50	-9.93	100	52 QP	Horizontal
4	440.31	27.66	29.93	-2.27	46.00	-18.34	100	17 QP	Horizontal
5	709.00	31.70	29.98	1.72	46.00	-14.30	200	230 QP	Horizontal
6	844.00	35.03	31.30	3.73	46.00	-10.97	100	348 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	48.43	32.70	38.79	-6.09	40.00	-7.30	100	164 QP	Vertical
2	113.42	40.20	49.30	-9.10	43.50	-3.30	100	164 QP	Vertical
3	182.29	36.30	44.01	-7.71	43.50	-7.20	100	60 QP	Vertical
4	326.82	27.17	31.27	-4.10	46.00	-18.83	146	360 QP	Vertical
5	547.01	28.87	29.71	-0.84	46.00	-17.13	100	299 QP	Vertical
6	844.00	35.34	31.61	3.73	46.00	-10.66	100	299 QP	Vertical

BLE_2M

CH1(Horizontal)

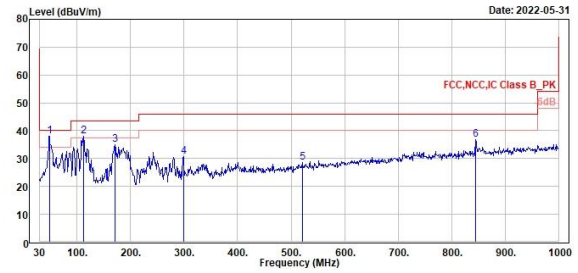
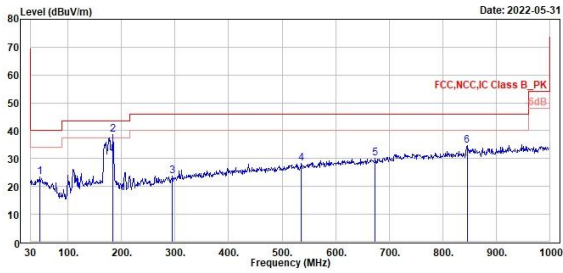
CH1(Vertical)



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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	46.49	23.41	29.28	-5.87	46.00	-16.59	100	74	QP	Horizontal
2	184.23	38.59	46.58	-7.91	43.50	-4.91	200	64	QP	Horizontal
3	294.81	23.58	28.44	-4.86	46.00	-22.42	200	269	QP	Horizontal
4	536.34	28.29	29.44	-1.15	46.00	-17.71	100	79	QP	Horizontal
5	674.08	30.15	29.16	0.99	46.00	-15.85	200	22	QP	Horizontal
6	845.77	34.00	31.07	3.73	46.00	-11.20	100	346	QP	Horizontal

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	48.43	38.04	44.13	-6.09	46.00	-1.96	200	271	QP	Vertical
2	111.48	38.02	47.37	-9.35	43.50	-5.48	100	92	QP	Vertical
3	178.65	34.90	41.03	-6.13	43.50	-8.60	200	271	QP	Vertical
4	298.69	30.59	35.34	-4.75	46.00	-15.41	101	360	QP	Vertical
5	520.82	28.53	29.77	-1.24	46.00	-17.47	200	360	QP	Vertical
6	844.00	36.78	33.05	3.73	46.00	-9.22	200	360	QP	Vertical

Test Results of Radiated Spurious Emissions for ANT 5 (UFL, Non-ECC, 2nd Source)

Band Edges, 2.31GHz ~ 2.9GHz

BLE_1M

CH0 (Horizontal) Peak

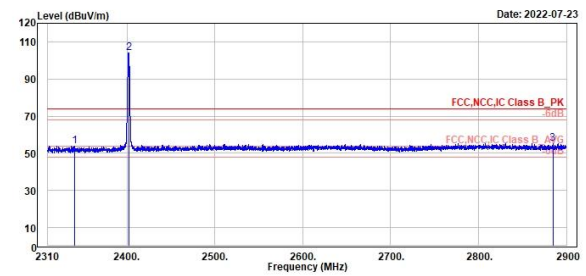
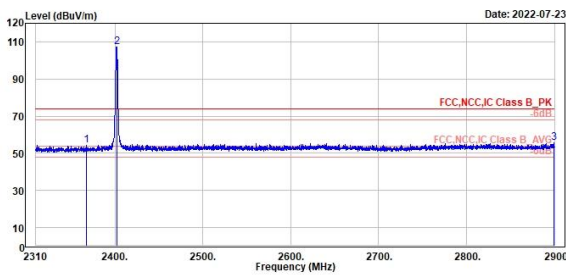
CH0 (Vertical) Peak



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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	2367.23	54.29	16.83	37.46	74.00	-19.71	245	72	Peak	Horizontal	
2 *	2402.00	107.40	69.77	37.63	74.00	33.40	245	72	Peak	Horizontal	
3	2899.41	55.81	17.39	38.42	74.00	-18.19	245	72	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	2340.68	54.01	16.67	37.34	74.00	-19.99	258	188	Peak	Vertical	
2 *	2402.00	104.01	66.38	37.63	74.00	30.01	258	188	Peak	Vertical	
3	2884.31	55.37	17.03	38.34	74.00	-18.63	258	188	Peak	Vertical	

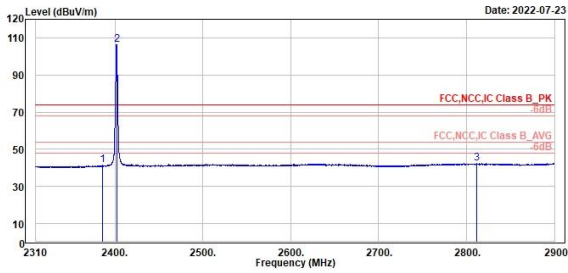
BLE_1M

CH0 (Horizontal) Average

CH0 (Vertical) Average



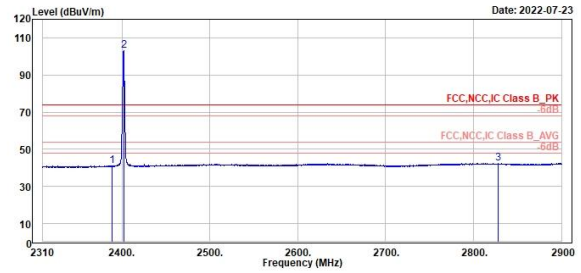
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Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2385.76	41.31	3.75	37.56	74.00	-32.69	245	72	Peak	Horizontal	
2 *	2482.00	106.40	68.77	37.63	74.00	-32.40	245	72	Peak	Horizontal	
3	2811.15	42.32	4.12	38.20	74.00	-31.68	245	72	Peak	Horizontal	



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Peak	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	2388.02	41.19	3.61	37.58	54.00	-12.81	258	188	Average	Vertical	
2 *	2482.04	103.01	65.38	37.63	54.00	49.01	258	188	Average	Vertical	
3	2827.55	42.36	4.18	38.18	54.00	-11.64	258	188	Average	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

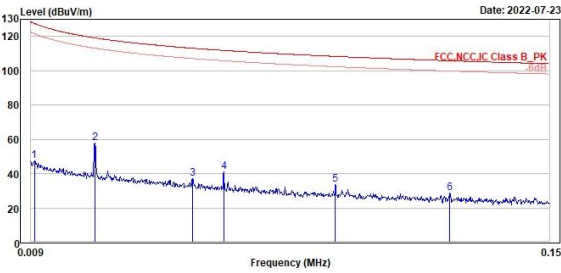
BLE_1M

CH0 (Open) 9kHz~150kHz

CH0 (Open) 150kHz~30MHz



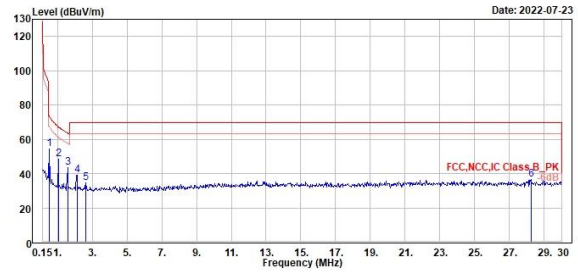
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	47.51	29.00	17.71	127.60	-80.09	100	204 QP	Open
2	0.03	57.87	38.68	19.19	119.13	-61.26	100	266 QP	Open
3	0.05	37.10	17.86	19.24	113.11	-76.01	100	305 QP	Open
4	0.06	41.16	22.10	19.06	111.82	-70.66	100	77 QP	Open
5	0.09	33.52	15.13	18.39	108.34	-74.82	100	165 QP	Open
6	0.12	26.84	10.54	18.30	105.80	-76.96	100	119 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	0.51	54.57	35.62	18.95	73.48	-18.91	100	165 QP	Open
2	1.05	48.35	29.08	19.27	67.22	-18.87	100	158 QP	Open
3	1.58	43.55	24.20	19.35	63.62	-20.07	100	158 QP	Open
4	2.12	39.20	19.78	19.42	69.50	-30.30	100	160 QP	Open
5	2.63	34.50	15.02	19.48	69.50	-35.00	100	201 QP	Open
6	28.24	36.37	13.80	22.57	69.50	-33.13	100	36 QP	Open

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

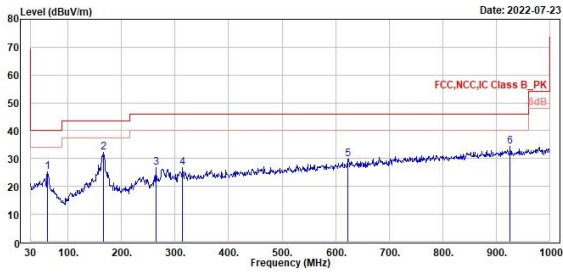
BLE_1M

CH0 (Horizontal)

CH0 (Vertical)



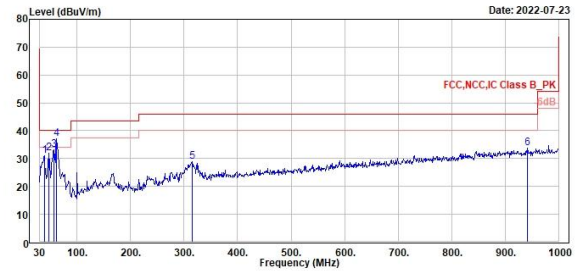
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	62.81	25.15	32.61	-7.46	40.00	-14.85	200	189	QP	Horizontal	
2	166.77	32.19	38.20	-6.01	43.50	-11.31	200	294	QP	Horizontal	
3	263.77	26.67	32.83	-6.16	46.00	-19.33	100	77	QP	Horizontal	
4	314.21	26.76	31.37	-4.61	46.00	-19.24	100	92	QP	Horizontal	
5	623.64	29.90	29.20	0.70	46.00	-16.10	205	360	QP	Horizontal	
6	926.28	34.28	29.05	5.23	46.00	-11.72	200	62	QP	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	38.73	30.00	37.25	-6.35	40.00	-9.10	100	21	QP	Vertical	
2	46.49	31.95	37.82	-5.87	40.00	-8.05	100	21	QP	Vertical	
3	57.16	33.07	39.78	-6.71	40.00	-6.93	100	243	QP	Vertical	
4	61.04	36.97	44.14	-7.17	40.00	-3.03	100	243	QP	Vertical	
5	315.18	28.81	33.40	-4.59	46.00	-17.19	100	87	QP	Vertical	
6	941.00	33.72	28.47	5.25	46.00	-12.28	100	244	QP	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

BLE_2M

CH0 (Horizontal)

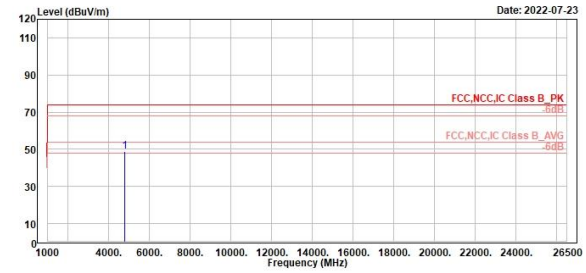
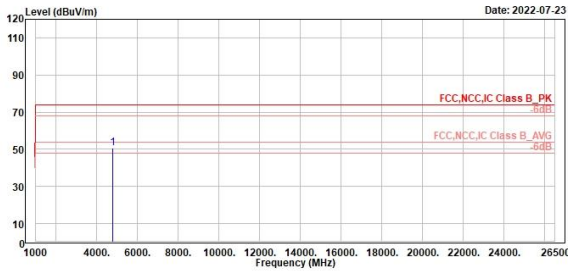
CH0 (Vertical)



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1	4884.00	50.45	60.32	-9.87	74.00	-23.55	100	66	Peak	Horizontal
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1	4884.00	48.71	58.58	-9.87	74.00	-25.29	329	360	Peak	Vertical
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Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band (Non-ECC)

(Line)

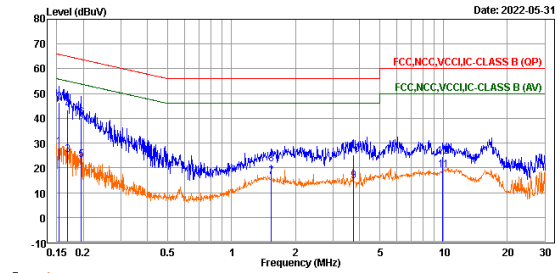
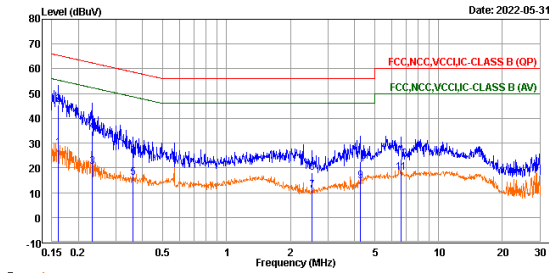
(Neutral)



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Trace: 1

Line	Freq	Level	Read Level	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.16	28.10	18.49	9.61	55.42	-27.32	Average	line1	
2	0.16	45.48	35.87	9.61	65.42	-19.94	QP	line1	
3	0.23	20.43	10.82	9.61	52.40	-31.57	Average	line1	
4	0.23	34.75	25.14	9.61	62.40	-27.65	QP	line1	
5	0.36	16.15	6.53	9.62	48.67	-32.52	Average	line1	
6	0.36	24.67	15.05	9.62	58.67	-34.00	QP	line1	
7	2.53	10.81	1.16	9.65	46.00	-35.19	Average	line1	
8	2.53	17.94	8.29	9.65	56.00	-38.06	QP	line1	
9	4.27	14.61	4.93	9.68	46.00	-31.39	Average	line1	
10	4.27	22.59	12.91	9.68	56.00	-33.41	QP	line1	
11	6.66	18.13	8.42	9.71	50.00	-31.87	Average	line1	
12	6.66	23.65	13.94	9.71	60.00	-36.35	QP	line1	

Trace: 1

Line	Freq	Level	Read Level	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	28.42	18.83	9.59	55.83	-27.41	Average	neutral	
2	0.15	46.46	36.87	9.59	65.83	-19.37	QP	neutral	
3	0.17	25.25	15.66	9.59	55.05	-29.80	Average	neutral	
4	0.17	43.23	33.64	9.59	65.05	-21.82	QP	neutral	
5	0.19	23.12	13.53	9.59	53.85	-30.73	Average	neutral	
6	0.19	40.25	30.66	9.59	63.85	-23.60	QP	neutral	
7	1.53	16.29	6.67	9.62	46.00	-29.71	Average	neutral	
8	1.53	21.50	11.88	9.62	56.00	-34.50	QP	neutral	
9	3.75	14.49	4.83	9.66	46.00	-31.51	Average	neutral	
10	3.75	25.09	15.43	9.66	56.00	-30.91	QP	neutral	
11	9.92	19.09	9.35	9.74	50.00	-30.91	Average	neutral	
12	9.92	24.40	14.66	9.74	60.00	-35.60	QP	neutral	