

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

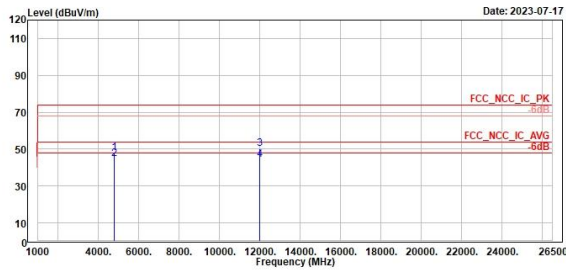
BLE_1M

Low Channel (Horizontal)

Low Channel (Vertical)



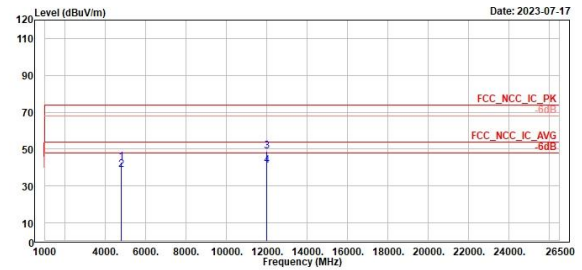
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4804.00	48.10	57.13	-9.03	74.00	-25.90	334	360 Peak	Horizontal	
2	4804.00	44.54	53.57	-9.03	54.00	-9.46	334	360 Average	Horizontal	
3	12010.00	50.41	50.91	-0.50	74.00	-23.59	100	63 Peak	Horizontal	
4	12010.00	44.18	44.68	-0.50	54.00	-9.82	100	63 Average	Horizontal	



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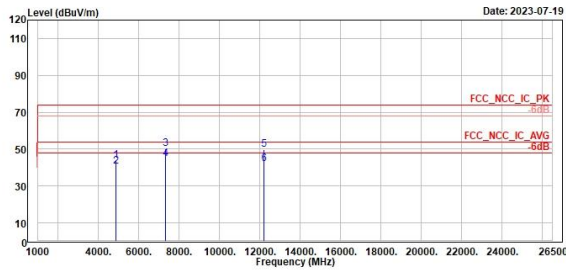
	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4804.00	42.91	51.94	-9.03	74.00	-31.09	323	360 Peak	Vertical	
2	4804.00	38.99	48.02	-9.03	54.00	-15.01	323	360 Average	Vertical	
3	12010.00	48.92	49.42	-0.50	74.00	-25.08	100	101 Peak	Vertical	
4	12010.00	41.26	41.76	-0.50	54.00	-12.74	100	101 Average	Vertical	

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Middle Channel (Horizontal)



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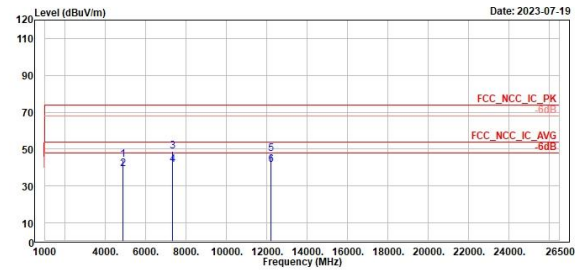


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4888.00	43.76	52.80	-9.04	74.00	-30.24	100	56	Peak	Horizontal	
2	4888.00	40.53	49.57	-9.04	54.00	-13.47	100	56	Average	Horizontal	
3	7320.00	50.28	57.36	-7.08	74.00	-23.72	332	335	Peak	Horizontal	
4	7320.00	44.54	51.62	-7.08	54.00	-9.46	332	335	Average	Horizontal	
5	12200.00	49.66	49.77	-0.11	74.00	-24.34	100	43	Peak	Horizontal	
6	12200.00	41.99	42.10	-0.11	54.00	-12.01	100	43	Average	Horizontal	

Middle Channel (Vertical)



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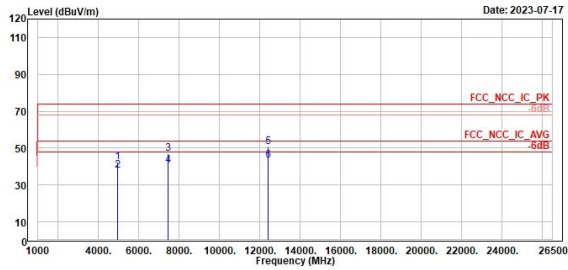
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4888.00	44.28	53.32	-9.04	74.00	-29.72	300	1	Peak	Vertical	
2	4888.00	39.37	48.41	-9.04	54.00	-14.63	300	1	Average	Vertical	
3	7320.00	48.62	55.70	-7.08	74.00	-25.38	400	7	Peak	Vertical	
4	7320.00	41.58	48.66	-7.08	54.00	-12.42	400	7	Average	Vertical	
5	12200.00	47.39	47.50	-0.11	74.00	-26.61	349	360	Peak	Vertical	
6	12200.00	41.49	41.60	-0.11	54.00	-12.51	349	360	Average	Vertical	

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High Channel (Horizontal)



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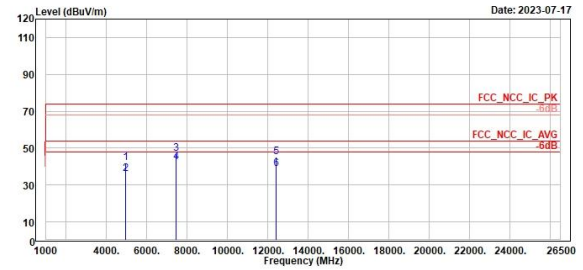


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4960.00	42.57	51.41	-8.84	74.00	-31.43	338	360	Peak	Horizontal		
2	4960.00	37.88	46.72	-8.84	54.00	-16.12	338	360	Average	Horizontal		
3	7440.00	46.80	53.98	-7.18	74.00	-27.20	100	326	Peak	Horizontal		
4	7440.00	40.83	48.01	-7.18	54.00	-13.17	100	326	Average	Horizontal		
5	12400.00	50.49	50.28	0.21	74.00	-23.51	100	65	Peak	Horizontal		
6	12400.00	43.37	43.16	0.21	54.00	-10.63	100	65	Average	Horizontal		

High Channel (Vertical)



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



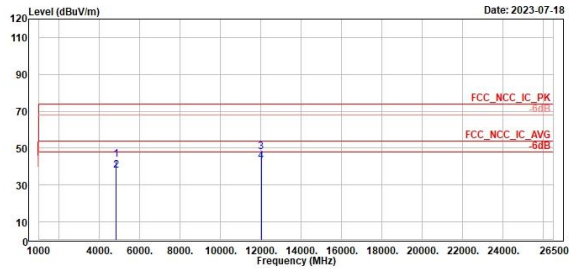
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4960.00	41.87	50.71	-8.84	74.00	-32.13	355	154	Peak	Vertical		
2	4960.00	35.99	44.83	-8.84	54.00	-18.01	355	154	Average	Vertical		
3	7440.00	46.77	53.95	-7.18	74.00	-27.23	361	360	Peak	Vertical		
4	7440.00	42.22	49.40	-7.18	54.00	-11.78	361	360	Average	Vertical		
5	12400.00	45.01	44.80	0.21	74.00	-28.99	136	360	Peak	Vertical		
6	12400.00	38.66	38.45	0.21	54.00	-15.34	136	360	Average	Vertical		

BLE_2M

Low Channel (Horizontal)



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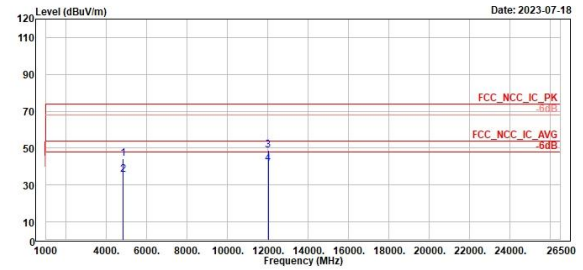


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4888.00	44.01	53.03	-9.02	74.00	-29.99	100	26	Peak	Horizontal		
2	4888.00	37.74	46.76	-9.02	54.00	-16.26	100	26	Average	Horizontal		
3	12020.00	47.78	48.27	-0.49	74.00	-26.22	100	46	Peak	Horizontal		
4	12020.00	42.80	43.29	-0.49	54.00	-11.20	100	46	Average	Horizontal		

Low Channel (Vertical)



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



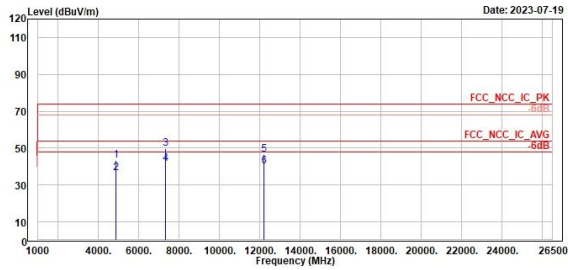
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4888.00	44.21	53.23	-9.02	74.00	-29.79	285	360	Peak	Vertical		
2	4888.00	35.39	44.41	-9.02	54.00	-18.61	285	360	Average	Vertical		
3	12020.00	48.61	49.10	-0.49	74.00	-25.39	100	173	Peak	Vertical		
4	12020.00	41.57	42.06	-0.49	54.00	-12.43	100	173	Average	Vertical		

BLE_2M

Middle Channel (Horizontal)



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

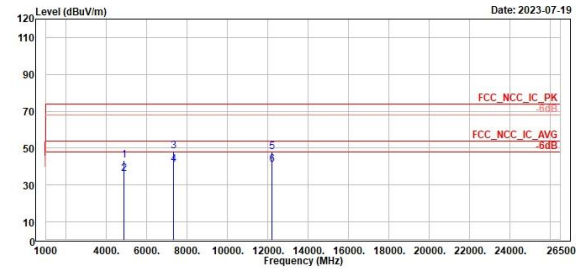


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4888.00	43.23	52.27	-9.04	74.00	-30.77	100	288	Peak	Horizontal		
2	4888.00	36.48	45.52	-9.04	54.00	-17.52	100	288	Average	Horizontal		
3	7320.00	49.59	56.67	-7.08	74.00	-24.41	300	337	Peak	Horizontal		
4	7320.00	41.64	48.72	-7.08	54.00	-12.36	300	337	Average	Horizontal		
5	12200.00	46.73	46.84	-0.11	74.00	-27.27	100	170	Peak	Horizontal		
6	12200.00	40.20	40.31	-0.11	54.00	-13.80	100	170	Average	Horizontal		

Middle Channel (Vertical)



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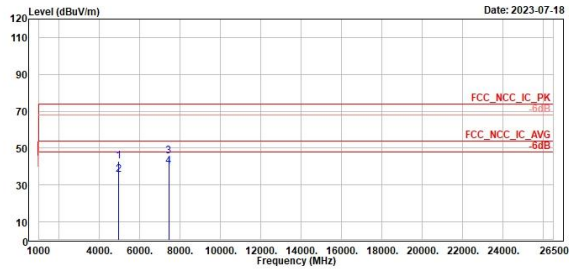
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4888.00	43.56	52.60	-9.04	74.00	-30.44	300	360	Peak	Vertical		
2	4888.00	35.82	44.86	-9.04	54.00	-18.18	300	360	Average	Vertical		
3	7320.00	48.53	55.61	-7.08	74.00	-25.47	370	360	Peak	Vertical		
4	7320.00	41.17	48.25	-7.08	54.00	-12.83	370	360	Average	Vertical		
5	12200.00	47.81	47.92	-0.11	74.00	-26.19	332	360	Peak	Vertical		
6	12200.00	40.85	40.96	-0.11	54.00	-13.15	332	360	Average	Vertical		

BLE_2M

High Channel (Horizontal)



TÜV Rheinland Taiwan Ltd.
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Tel: +886-2172-1000 Fax: +886-2172-1322

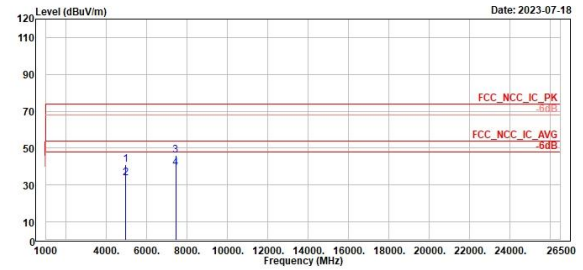


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4956.00	42.94	51.78	-8.84	74.00	-31.06		400	75	Peak	Horizontal	
2	4956.00	35.45	44.29	-8.84	54.00	-18.55		400	75	Average	Horizontal	
3	7434.00	45.78	52.96	-7.18	74.00	-28.22		100	329	Peak	Horizontal	
4	7434.00	40.33	47.51	-7.18	54.00	-13.67		100	329	Average	Horizontal	

High Channel (Vertical)



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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	dB	cm	deg			
1	4956.00	41.10	49.94	-8.84	74.00	-32.90		100	154	Peak	Vertical	
2	4956.00	33.74	42.58	-8.84	54.00	-20.26		100	154	Average	Vertical	
3	7434.00	46.09	53.27	-7.18	74.00	-27.91		362	360	Peak	Vertical	
4	7434.00	39.20	46.38	-7.18	54.00	-14.60		362	360	Average	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

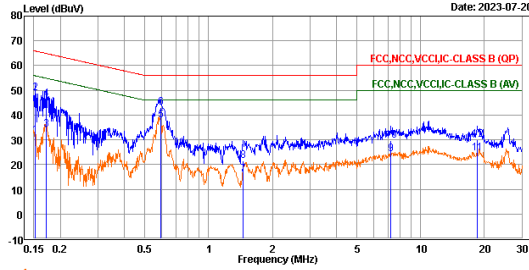
(Line)

(Neutral)



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Tel.: +886-2112-1000 Fax: +886-2112-1322

Date: 2023-07-20



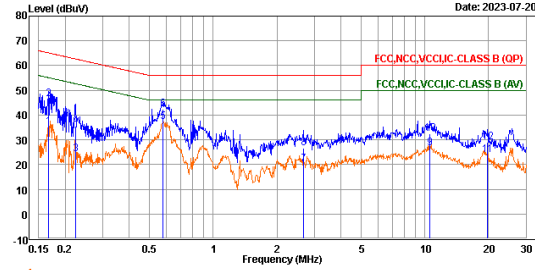
Trace: 1

	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	31.75	22.13	9.62	55.92	-24.17	Average	line1	
2	0.15	48.72	39.10	9.62	65.92	-17.20	QP	line1	
3	0.17	34.16	24.54	9.62	54.92	-20.76	Average	line1	
4	0.17	46.55	36.93	9.62	64.92	-18.37	QP	line1	
5	0.59	37.88	28.25	9.63	46.00	-8.12	Average	line1	
6	0.59	43.01	33.38	9.63	56.00	-12.99	QP	line1	
7	1.45	15.88	6.23	9.65	46.00	-30.12	Average	line1	
8	1.45	21.49	11.84	9.65	56.00	-34.51	QP	line1	
9	7.25	24.08	14.35	9.73	50.00	-25.92	Average	line1	
10	7.25	29.60	19.87	9.73	60.00	-30.40	QP	line1	
11	18.50	24.59	14.83	9.76	50.00	-25.41	Average	line1	
12	18.50	29.99	20.23	9.76	60.00	-30.01	QP	line1	



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Tel.: +886-2112-1000 Fax: +886-2112-1322

Date: 2023-07-20



Trace: 1

	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.17	35.17	25.55	9.62	55.09	-19.92	Average	neutral	
2	0.17	46.41	36.79	9.62	65.09	-18.68	QP	neutral	
3	0.22	24.13	14.51	9.62	52.65	-28.52	Average	neutral	
4	0.22	35.39	25.77	9.62	62.65	-27.26	QP	neutral	
5	0.58	37.19	27.56	9.63	46.00	-8.81	Average	neutral	
6	0.58	42.41	32.78	9.63	56.00	-13.59	QP	neutral	
7	2.66	20.20	10.53	9.67	46.00	-25.80	Average	neutral	
8	2.66	26.54	16.87	9.67	56.00	-29.46	QP	neutral	
9	10.53	26.66	16.87	9.79	50.00	-23.34	Average	neutral	
10	10.53	32.60	22.81	9.79	60.00	-27.40	QP	neutral	
11	19.74	23.92	14.06	9.86	50.00	-26.08	Average	neutral	
12	19.74	28.86	19.00	9.86	60.00	-31.14	QP	neutral	

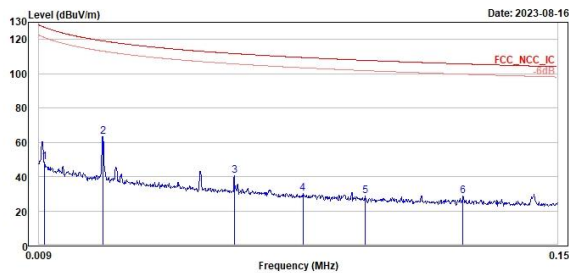
Main Source, Non-ECC Mode for Antenna No. 5 Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

BLE_2M

High Channel (Open) 9kHz~150kHz



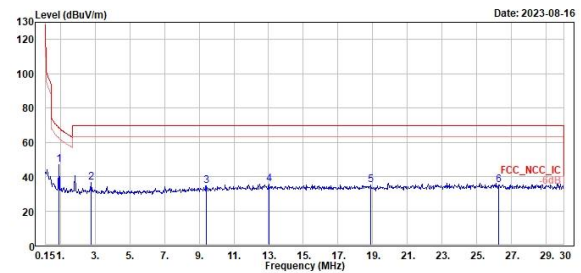
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Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	48.47	30.72	17.75	127.12	-78.65	100	174 Peak	Open	
2	0.03	63.28	44.33	18.95	119.13	-55.85	100	261 Peak	Open	
3	0.06	40.47	21.64	18.83	111.72	-71.25	100	249 Peak	Open	
4	0.08	30.21	11.83	18.38	109.45	-79.24	100	360 Peak	Open	
5	0.10	28.48	10.50	17.98	107.80	-79.32	100	116 Peak	Open	
6	0.12	28.66	10.64	18.02	105.71	-77.05	100	170 Peak	Open	



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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.93	47.18	28.15	19.03	68.27	-21.09	100	227 Peak	Open	
2	2.78	36.66	17.11	19.55	69.50	-32.84	100	113 Peak	Open	
3	9.40	34.54	13.30	21.24	69.50	-34.96	100	155 Peak	Open	
4	13.02	35.71	14.62	21.69	69.50	-33.79	100	146 Peak	Open	
5	18.90	35.25	13.16	22.09	69.50	-34.25	100	33 Peak	Open	
6	26.24	35.31	13.10	22.21	69.50	-34.19	100	251 Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

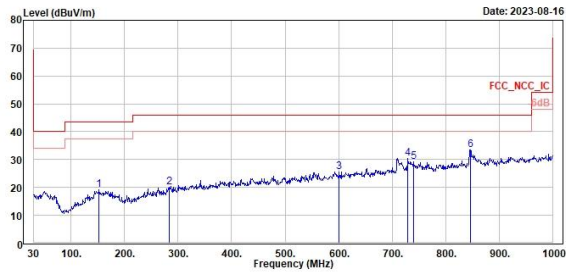
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



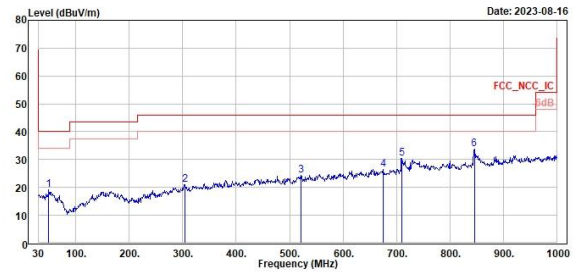
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Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	152.22	19.01	25.01	-6.00	43.50	-24.49	300	161 Peak	Horizontal	
2	284.14	20.09	25.15	-5.06	46.00	-25.91	100	343 Peak	Horizontal	
3	601.33	25.57	25.13	0.44	46.00	-20.43	200	336 Peak	Horizontal	
4	729.37	30.38	28.24	2.14	46.00	-15.62	200	5 Peak	Horizontal	
5	740.04	29.35	26.56	2.79	46.00	-16.65	100	332 Peak	Horizontal	
6	846.74	33.37	29.27	4.10	46.00	-12.63	152	360 Peak	Horizontal	



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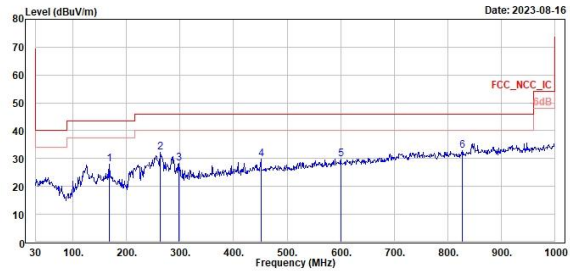
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	49.40	19.02	24.65	-5.63	40.00	-20.98	100	318 Peak	Vertical	
2	304.51	21.01	25.59	-4.58	46.00	-24.99	100	47 Peak	Vertical	
3	520.82	24.21	25.21	-1.00	46.00	-21.79	100	47 Peak	Vertical	
4	675.05	26.55	25.14	1.41	46.00	-19.45	100	360 Peak	Vertical	
5	709.97	30.47	28.28	2.19	46.00	-15.53	300	335 Peak	Vertical	
6	845.77	33.72	29.62	4.10	46.00	-12.28	100	198 Peak	Vertical	

BLE_2M

High Channel (Horizontal)



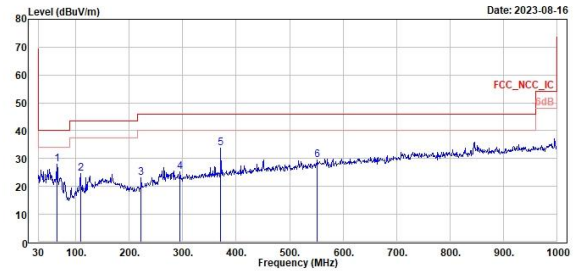
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	167.74	27.86	33.58	-5.72	43.50	-15.64		100	14	Peak	Horizontal	
2	262.00	32.24	38.27	-6.03	46.00	-13.76		100	148	Peak	Horizontal	
3	297.72	28.28	33.13	-4.85	46.00	-17.72		200	347	Peak	Horizontal	
4	458.98	29.79	31.81	-2.02	46.00	-16.21		100	65	Peak	Horizontal	
5	690.36	29.83	29.37	0.46	46.00	-16.17		200	182	Peak	Horizontal	
6	827.34	32.79	29.14	3.65	46.00	-13.21		100	104	Peak	Horizontal	



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	63.95	28.06	35.32	-7.26	40.00	-11.94		100	246	Peak	Vertical	
2	108.57	24.52	34.44	-9.92	43.50	-18.98		100	180	Peak	Vertical	
3	222.06	23.15	31.23	-8.08	46.00	-22.85		100	18	Peak	Vertical	
4	294.81	25.18	30.15	-4.97	46.00	-20.82		200	94	Peak	Vertical	
5	371.44	33.82	37.19	-3.37	46.00	-12.18		100	110	Peak	Vertical	
6	551.86	29.64	29.86	-0.22	46.00	-16.36		100	243	Peak	Vertical	

Main Source, Non-ECC Mode for Antenna No. 6 Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

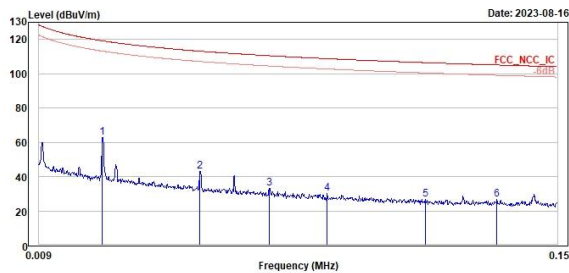
BLE_1M

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



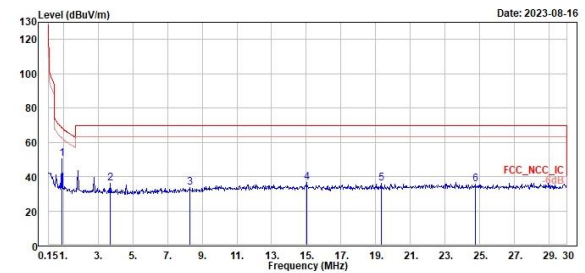
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Peak	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.03	63.00	44.06	18.94	119.18	-56.18	100	78 Peak	Open	
2	0.05	43.00	23.95	19.05	113.13	-70.13	100	317 Peak	Open	
3	0.07	33.28	14.68	18.60	110.48	-77.20	100	144 Peak	Open	
4	0.09	30.13	11.91	18.22	108.77	-78.64	100	94 Peak	Open	
5	0.11	26.51	8.53	17.90	106.46	-79.95	100	295 Peak	Open	
6	0.13	26.57	8.52	18.05	105.09	-78.52	100	5 Peak	Open	



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Peak	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.93	50.53	31.50	19.03	68.27	-17.74	100	254 Peak	Open	
2	3.70	35.97	16.42	19.55	69.50	-33.53	100	261 Peak	Open	
3	8.27	33.67	12.89	20.78	69.50	-35.83	100	302 Peak	Open	
4	15.02	36.68	14.85	21.83	69.50	-32.82	100	131 Peak	Open	
5	19.31	35.90	13.86	22.12	69.50	-33.52	100	143 Peak	Open	
6	24.75	35.81	13.61	22.20	69.50	-33.69	100	253 Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

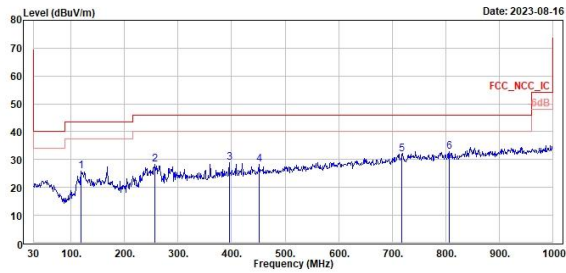
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



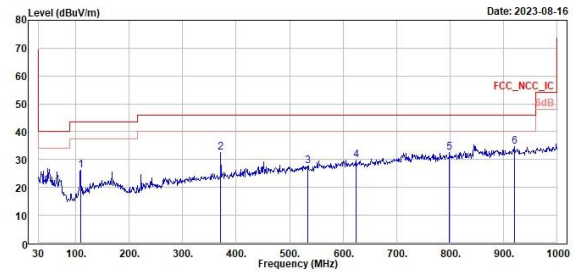
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	119.24	25.80	34.99	-9.19	43.50	-17.70	100	318	Peak	Horizontal	
2	256.98	28.36	34.60	-6.24	46.00	-17.64	100	360	Peak	Horizontal	
3	395.69	28.88	31.72	-2.84	46.00	-17.12	100	204	Peak	Horizontal	
4	450.98	28.22	30.24	-2.02	46.00	-17.78	100	62	Peak	Horizontal	
5	718.70	31.91	29.94	1.97	46.00	-14.09	100	269	Peak	Horizontal	
6	806.97	32.82	29.52	3.30	46.00	-13.18	100	229	Peak	Horizontal	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	108.57	26.08	36.00	-9.92	43.50	-17.42	100	177	Peak	Vertical	
2	371.44	32.45	35.82	-3.37	46.00	-13.55	100	248	Peak	Vertical	
3	534.40	27.66	28.59	-0.93	46.00	-18.34	100	138	Peak	Vertical	
4	624.61	29.66	28.76	0.90	46.00	-16.34	243	77	Peak	Vertical	
5	799.21	32.68	29.10	3.58	46.00	-13.32	100	313	Peak	Vertical	
6	920.46	34.74	29.56	5.18	46.00	-11.26	100	249	Peak	Vertical	

2nd Source, ECC Mode for Antenna No. 5
Band Edges, 2.31GHz ~ 2.9GHz

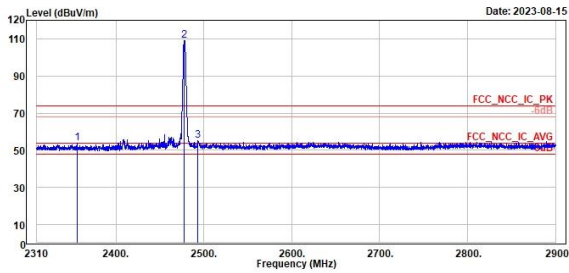
BLE_2M

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



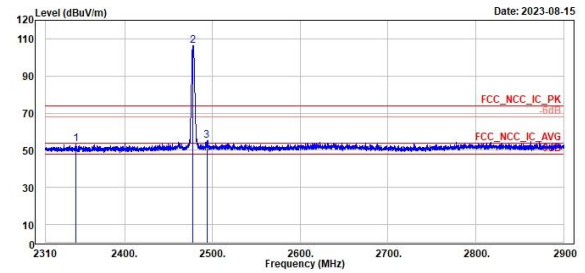
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2355.98	53.74	16.53	37.21	74.00	-20.26	259	194	Peak	Horizontal		
2 *	2478.00	109.26	71.72	37.54	74.00	35.26	259	194	Peak	Horizontal		
3	2493.25	54.98	17.43	37.55	74.00	-19.02	259	194	Peak	Horizontal		



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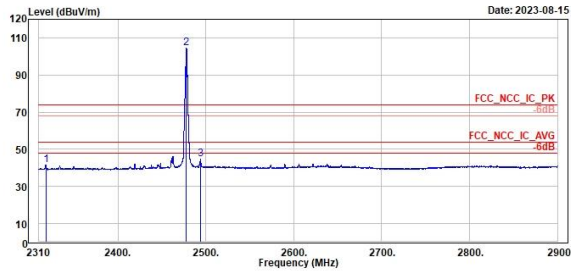
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2344.34	53.54	16.39	37.15	74.00	-20.46	385	110	Peak	Vertical		
2 *	2478.00	106.17	68.63	37.54	74.00	32.17	385	110	Peak	Vertical		
3	2493.61	55.27	17.72	37.55	74.00	-18.73	385	110	Peak	Vertical		

BLE_2M

High Channel (Horizontal) Average



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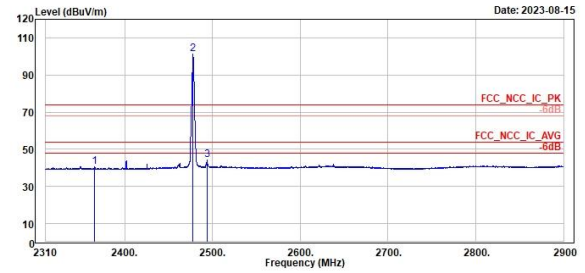


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2318.14	41.47	4.54	36.93	54.00	-12.53		259	194	Average	Horizontal	
2 *	2478.00	104.38	66.84	37.54	54.00	50.38		259	194	Average	Horizontal	
3	2493.84	44.84	7.29	37.55	54.00	-9.16		259	194	Average	Horizontal	

High Channel (Vertical) Average



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2365.70	40.73	3.53	37.20	54.00	-13.27		385	110	Average	Vertical	
2 *	2478.00	101.39	63.85	37.54	54.00	47.39		385	110	Average	Vertical	
3	2494.08	44.45	6.90	37.55	54.00	-9.55		385	110	Average	Vertical	

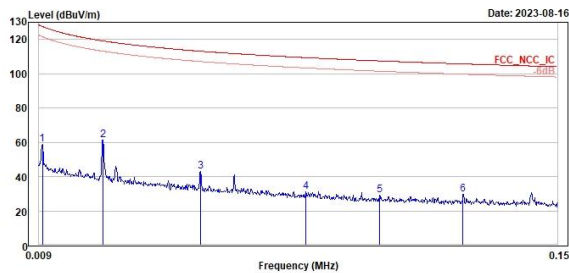
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

BLE_2M

High Channel (Open) 9kHz~150kHz



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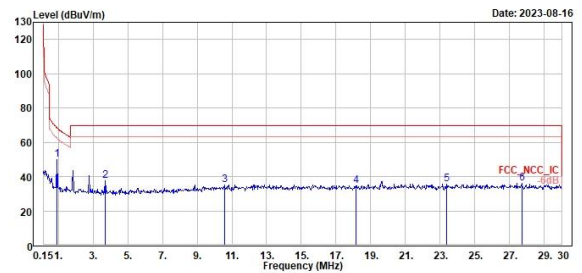


Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	58.91	41.19	17.72	127.60	-68.69	100	143 Peak	Open
2	0.03	61.50	42.55	18.95	119.13	-57.63	100	188 Peak	Open
3	0.05	43.15	24.10	19.05	113.11	-69.96	100	209 Peak	Open
4	0.08	31.37	13.01	18.36	109.36	-77.99	100	314 Peak	Open
5	0.10	28.98	11.05	17.93	107.46	-78.48	100	347 Peak	Open
6	0.12	29.70	11.68	18.02	105.71	-76.01	100	114 Peak	Open

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	0.93	50.13	31.10	19.03	68.27	-18.14	100	244 Peak	Open
2	3.70	37.80	18.25	19.55	69.50	-31.70	100	244 Peak	Open
3	10.57	35.30	13.78	21.52	69.50	-34.20	100	53 Peak	Open
4	18.15	34.68	12.63	22.05	69.50	-34.82	100	213 Peak	Open
5	23.37	35.76	13.57	22.19	69.50	-33.74	100	201 Peak	Open
6	27.70	35.91	13.69	22.22	69.50	-33.59	100	251 Peak	Open

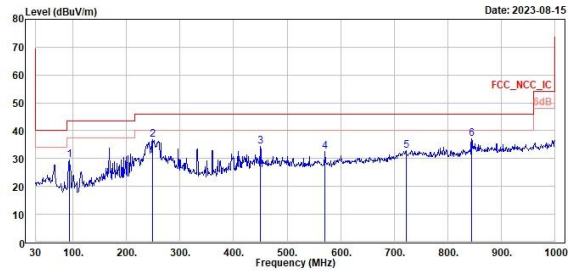
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_2M

High Channel (Horizontal)



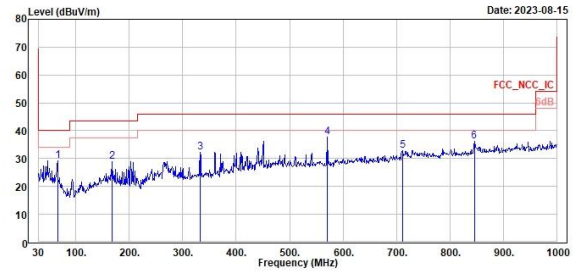
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	93.05	29.42	41.16	-11.74	43.50	-14.08		400	185	Peak	Horizontal	
2	248.25	36.71	43.17	-6.46	46.00	-9.29		100	283	Peak	Horizontal	
3	450.01	34.35	36.34	-1.99	46.00	-11.65		200	104	Peak	Horizontal	
4	571.26	32.61	35.14	-0.53	46.00	-13.39		200	112	Peak	Horizontal	
5	722.58	32.94	30.96	1.98	46.00	-13.06		100	202	Peak	Horizontal	
6	844.00	37.03	32.91	4.12	46.00	-8.97		100	205	Peak	Horizontal	



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	65.89	29.31	37.11	-7.80	40.00	-10.69		100	304	Peak	Vertical	
2	167.74	28.98	34.70	-5.72	43.50	-14.52		200	238	Peak	Vertical	
3	332.64	32.32	36.12	-3.80	46.00	-13.68		170	360	Peak	Vertical	
4	571.26	37.85	38.38	-0.53	46.00	-8.15		100	182	Peak	Vertical	
5	711.91	32.78	30.62	2.16	46.00	-13.22		200	72	Peak	Vertical	
6	845.77	36.10	32.00	4.10	46.00	-9.90		400	40	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

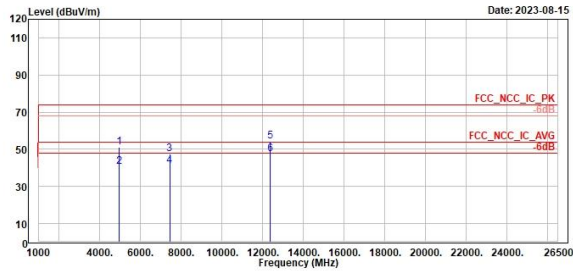
BLE_2M

High Channel (Horizontal)

High Channel (Vertical)



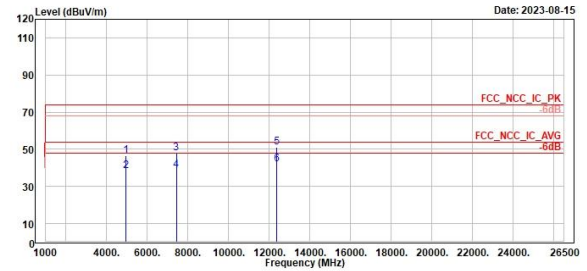
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4956.00	51.13	59.97	-8.84	74.00	-22.87	298	360	Peak	Horizontal		
2	4956.00	40.42	49.26	-8.84	54.00	-13.58	298	360	Average	Horizontal		
3	7434.00	47.36	54.54	-7.18	74.00	-26.64	300	331	Peak	Horizontal		
4	7434.00	46.86	48.04	-7.18	54.00	-13.14	300	331	Average	Horizontal		
5	12390.00	54.17	53.96	0.21	74.00	-19.83	247	77	Peak	Horizontal		
6	12390.00	47.26	47.05	0.21	54.00	-6.74	247	77	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	4956.00	46.63	55.47	-8.84	74.00	-27.37	127	75	Peak	Vertical		
2	4956.00	38.18	47.02	-8.84	54.00	-15.82	127	75	Average	Vertical		
3	7434.00	47.96	55.14	-7.18	74.00	-26.04	300	327	Peak	Vertical		
4	7434.00	39.00	46.18	-7.18	54.00	-15.00	300	327	Average	Vertical		
5	12390.00	51.27	51.06	0.21	74.00	-22.73	300	57	Peak	Vertical		
6	12390.00	41.84	41.63	0.21	54.00	-12.16	300	57	Average	Vertical		

2nd Source, ECC Mode for Antenna No. 6

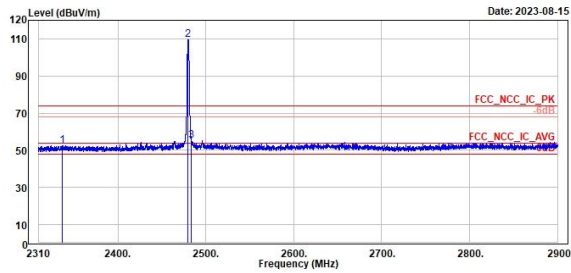
Band Edges, 2.31GHz ~ 2.9GHz

BLE_1M

High Channel (Horizontal) Peak



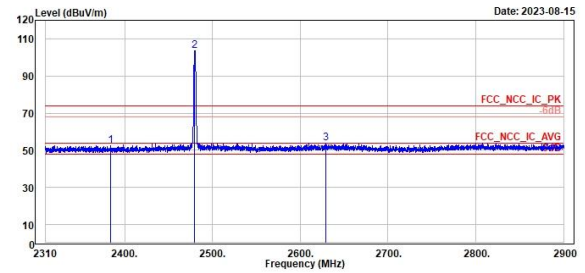
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2336.55	52.54	15.45	37.09	74.00	-21.46	286	78	Peak	Horizontal		
2 *	2488.00	109.39	71.85	37.54	74.00	35.39	286	78	Peak	Horizontal		
3	2483.81	55.43	17.89	37.54	74.00	-18.57	286	78	Peak	Horizontal		



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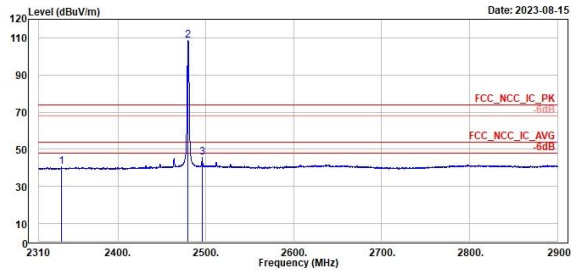
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2384.46	52.44	15.27	37.17	74.00	-21.56	302	170	Peak	Vertical		
2 *	2488.00	103.63	66.09	37.54	74.00	29.63	302	170	Peak	Vertical		
3	2628.72	54.01	16.39	37.62	74.00	-19.99	302	170	Peak	Vertical		

BLE_1M

High Channel (Horizontal) Average



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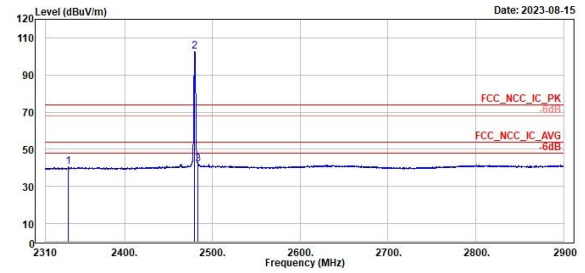


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2336.08	40.41	3.32	37.09	54.00	-13.59	286	78	Average	Horizontal		
2 *	2488.00	108.49	70.95	37.54	54.00	54.49	286	78	Average	Horizontal		
3	2495.97	45.46	7.90	37.56	54.00	-8.54	286	78	Average	Horizontal		

High Channel (Vertical) Average



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No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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	dB	cm	deg			
1	2335.96	40.64	3.55	37.09	54.00	-13.36	302	170	Average	Vertical		
2 *	2488.00	102.72	65.18	37.54	54.00	48.72	302	170	Average	Vertical		
3	2483.46	42.14	4.60	37.54	54.00	-11.86	302	170	Average	Vertical		

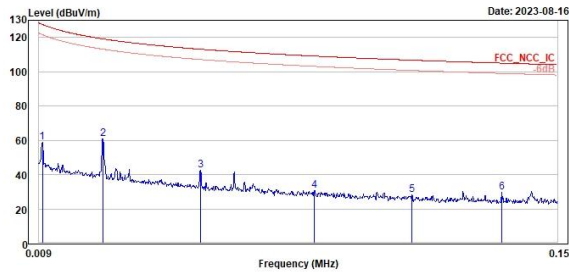
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

BLE_1M

High Channel (Open) 9kHz~150kHz



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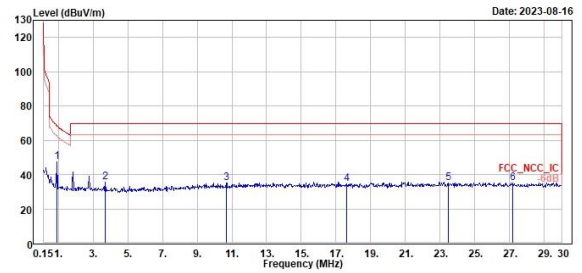


Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	58.70	40.98	17.72	127.60	-68.90	100	125 Peak	Open
2	0.03	61.03	42.08	18.95	119.13	-58.10	100	96 Peak	Open
3	0.05	42.38	23.33	19.05	113.11	-70.73	100	226 Peak	Open
4	0.08	30.50	12.19	18.31	109.12	-78.62	100	288 Peak	Open
5	0.11	28.04	10.08	17.96	105.74	-78.70	100	357 Peak	Open
6	0.13	29.51	11.45	18.06	105.01	-75.50	100	277 Peak	Open

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	0.93	47.23	28.20	19.03	68.27	-21.04	100	272 Peak	Open
2	3.70	35.46	15.91	19.55	69.50	-34.04	100	266 Peak	Open
3	10.69	35.23	13.69	21.54	69.50	-34.27	100	339 Peak	Open
4	17.61	34.75	12.74	22.01	69.50	-34.75	100	254 Peak	Open
5	23.49	35.00	12.81	22.19	69.50	-34.50	100	248 Peak	Open
6	27.19	35.31	13.10	22.21	69.50	-34.19	100	319 Peak	Open

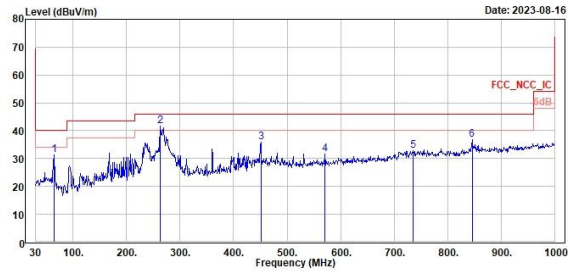
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_1M

High Channel (Horizontal)



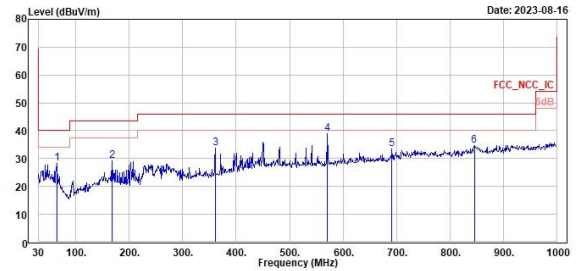
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Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	63.95	31.20	38.46	-7.26	40.00	-8.80	200	177	Peak	Horizontal		
2	262.00	41.75	47.78	-6.03	46.00	-4.25	100	280	Peak	Horizontal		
3	450.98	35.84	37.06	-2.02	46.00	-10.16	100	148	Peak	Horizontal		
4	571.26	31.49	32.02	-0.53	46.00	-14.51	100	222	Peak	Horizontal		
5	736.16	32.85	30.39	2.46	46.00	-13.15	100	66	Peak	Horizontal		
6	845.77	36.92	32.82	4.10	46.00	-9.08	100	208	Peak	Horizontal		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	63.95	28.31	35.57	-7.26	40.00	-11.69	100	147	Peak	Vertical		
2	167.74	29.14	34.86	-5.72	43.50	-14.36	200	200	Peak	Vertical		
3	360.77	33.78	37.31	-3.53	46.00	-12.22	172	360	Peak	Vertical		
4	571.26	38.81	39.34	-0.53	46.00	-7.19	200	173	Peak	Vertical		
5	691.54	33.42	31.62	1.80	46.00	-12.58	200	159	Peak	Vertical		
6	845.77	34.58	30.48	4.10	46.00	-11.42	200	144	Peak	Vertical		

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

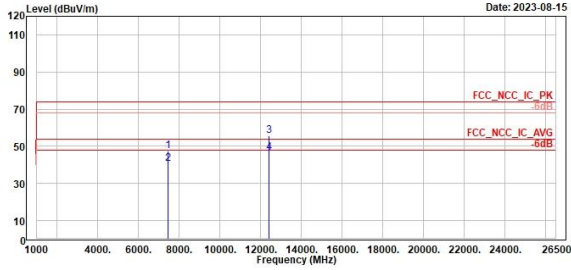
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



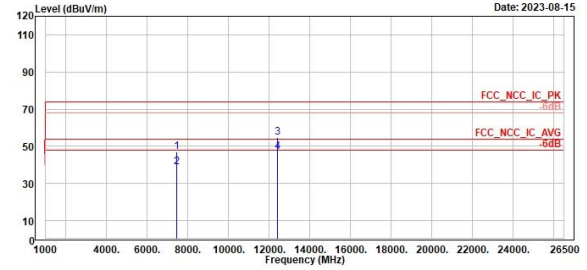
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	7440.00	47.61	54.79	-7.18	74.00	-26.39	100	360	Peak	Horizontal		
2	7440.00	40.75	47.93	-7.18	54.00	-13.25	100	360	Average	Horizontal		
3	12480.00	55.83	55.62	0.21	74.00	-18.17	100	42	Peak	Horizontal		
4	12480.00	46.32	46.11	0.21	54.00	-7.68	100	42	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	7440.00	46.96	54.14	-7.18	74.00	-27.04	254	11	Peak	Vertical		
2	7440.00	38.94	46.12	-7.18	54.00	-15.06	254	11	Average	Vertical		
3	12480.00	54.91	54.70	0.21	74.00	-19.09	300	127	Peak	Vertical		
4	12480.00	46.86	46.65	0.21	54.00	-7.14	300	127	Average	Vertical		