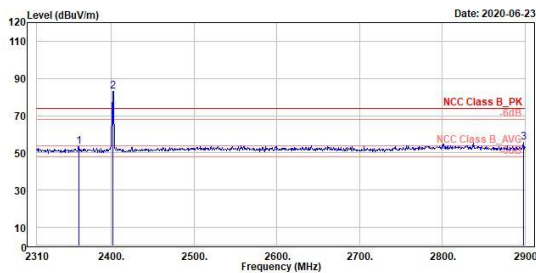


Appendix B: Test Results of Radiated Spurious Emissions

Band Edges, 2.31GHz ~ 2.9GHz

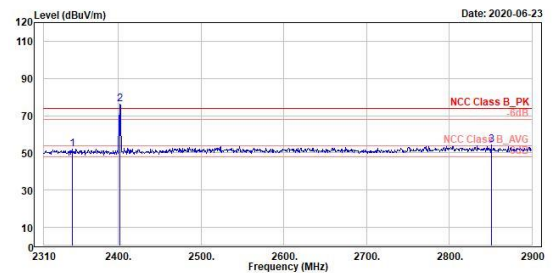
BLE_1M

Low Channel (Horizontal) Peak



Freq	Level	Read	Level	Factor	Limit	Over	Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg					
1	2360.74	53.57	16.40	37.17	74.00	-20.43	226	65	Peak	Horizontal		
2 *	2402.00	83.20	46.05	37.15	74.00	9.20	226	65	Peak	Horizontal		
3	2898.23	55.61	17.56	38.05	74.00	-18.39	226	65	Peak	Horizontal		

Low Channel (Vertical) Peak



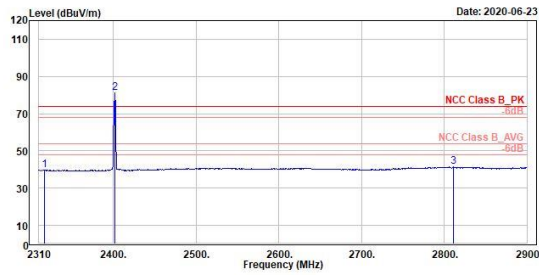
Freq	Level	Read	Level	Factor	Limit	Over	Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg					
1	2344.22	52.15	14.98	37.17	74.00	-21.85	397	149	Peak	Vertical		
2 *	2402.00	76.36	39.21	37.15	74.00	2.36	397	149	Peak	Vertical		
3	2851.03	54.18	16.09	38.09	74.00	-19.82	397	149	Peak	Vertical		

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Low Channel (Horizontal) Average



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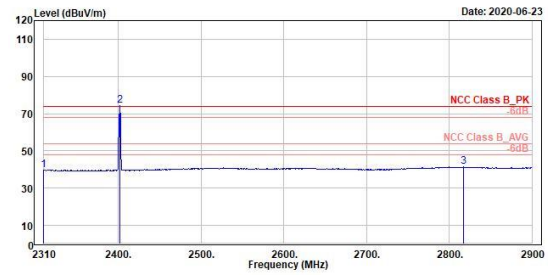


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2316.49	39.75	2.62	37.13	54.00	-14.25	226	65	Average	Horizontal		
2 *	2402.00	81.17	44.02	37.15	54.00	27.17	226	65	Average	Horizontal		
3	2810.91	41.46	3.34	38.12	54.00	-12.54	226	65	Average	Horizontal		

Low Channel (Vertical) Average



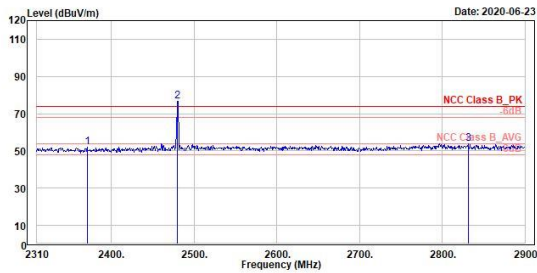
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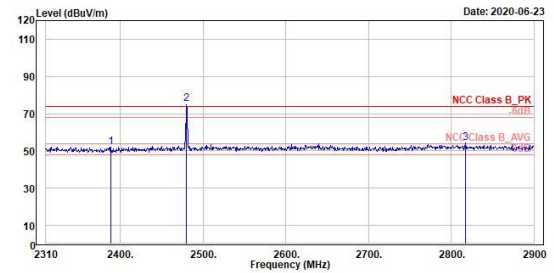
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2310.00	39.88	2.76	37.12	54.00	-14.12	397	149	Average	Vertical		
2 *	2402.00	74.25	37.10	37.15	54.00	20.25	397	149	Average	Vertical		
3	2817.40	41.31	3.19	38.12	54.00	-12.69	397	149	Average	Vertical		

BLE_1M

High Channel (Horizontal) Peak



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	2370.77	51.87	14.71	37.16	74.00	-22.13	141	148 Peak	horizontal		
2 *	2488.00	76.68	39.12	37.56	74.00	2.68	141	148 Peak	horizontal		
3	2832.15	53.77	15.66	38.11	74.00	-20.23	141	148 Peak	horizontal		



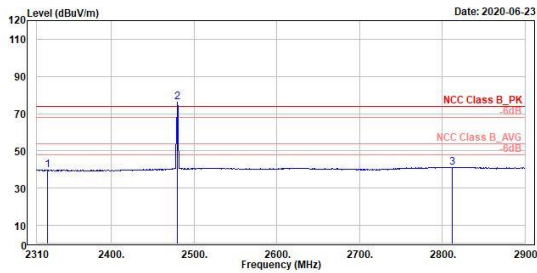
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2388.47	52.08	14.04	37.14	74.00	-21.92	338	192 Peak	vertical		
2 *	2488.00	75.19	37.63	37.56	74.00	1.19	338	192 Peak	vertical		
3	2817.40	54.33	16.21	38.12	74.00	-19.67	338	192 Peak	vertical		

BLE_1M

High Channel (Horizontal) Average



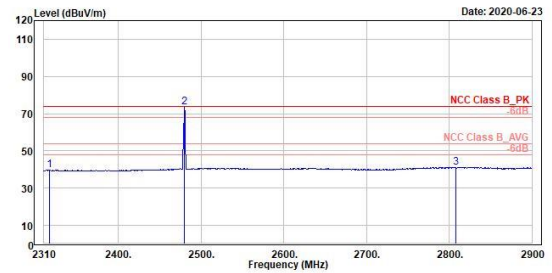
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2322.98	39.81	2.67	37.14	54.00	-14.19	141	148	Average	Horizontal		
2 *	2480.00	76.22	38.66	37.56	54.00	22.22	141	148	Average	Horizontal		
3	2812.68	41.20	3.09	38.11	54.00	-12.80	141	148	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	2317.00	39.85	2.72	37.13	54.00	-14.15	338	192	Average	Vertical		
2 *	2480.00	73.32	35.76	37.56	54.00	19.32	338	192	Average	Vertical		
3	2808.55	41.24	3.12	38.12	54.00	-12.76	338	192	Average	Vertical		

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

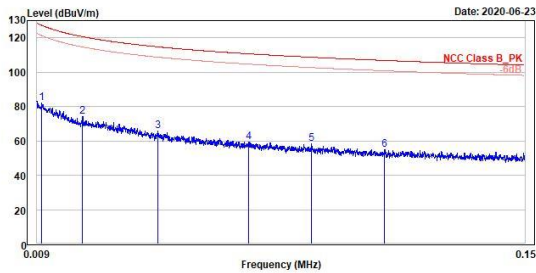
BLE_1M

Low Channel 9kHz~150kHz

Low Channel 150kHz~30MHz



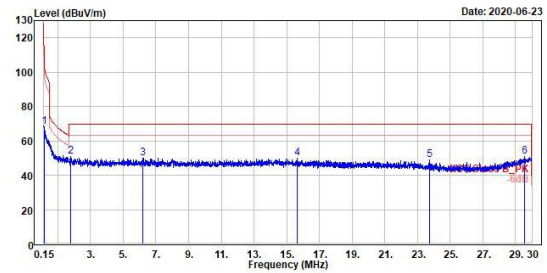
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	81.92	3.28	78.64	127.31	-45.39	100	150 QP	vertical	
2	0.02	74.06	1.92	72.14	120.65	-46.59	100	201 QP	vertical	
3	0.04	65.77	-0.88	66.57	114.74	-48.97	100	184 QP	vertical	
4	0.07	59.27	-3.05	62.32	110.66	-51.39	100	265 QP	vertical	
5	0.09	58.18	-2.40	60.58	108.67	-50.49	100	198 QP	vertical	
6	0.11	54.84	-3.86	58.70	106.61	-51.97	100	264 QP	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	0.17	68.10	13.14	54.96	102.79	-34.69	100	168 QP	vertical	
2	1.81	50.85	11.91	38.94	69.50	-18.65	100	35 QP	vertical	
3	6.22	49.85	11.49	38.36	69.50	-19.65	100	163 QP	vertical	
4	15.65	50.14	12.54	37.60	69.50	-19.36	100	285 QP	vertical	
5	23.76	48.89	13.84	35.05	69.50	-20.61	100	360 QP	vertical	
6	29.58	51.00	12.27	38.73	69.50	-18.50	100	15 QP	vertical	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

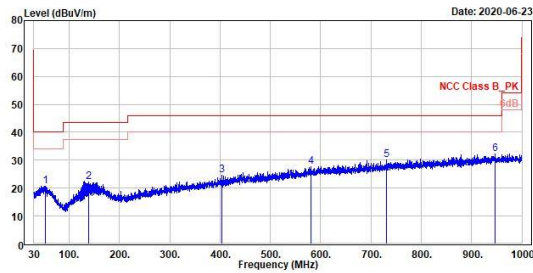
BLE_1M

Low Channel (Horizontal)

Low Channel (Vertical)



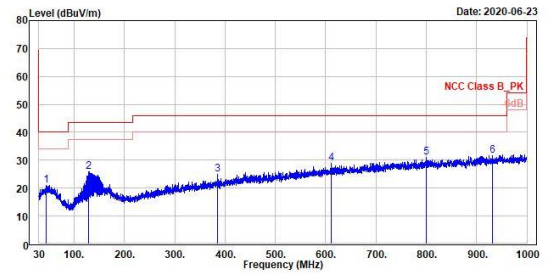
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	52.12	20.77	26.82	-6.05	40.00	-19.23	100	30	QP	horizontal		
2	138.83	22.28	29.03	-6.75	43.50	-21.22	200	178	QP	horizontal		
3	403.45	24.55	27.66	-3.11	46.00	-21.45	300	225	QP	horizontal		
4	581.15	27.66	27.99	-0.33	46.00	-18.34	200	12	QP	horizontal		
5	731.12	30.13	28.24	1.89	46.00	-15.87	200	202	QP	horizontal		
6	946.65	32.15	27.21	4.94	46.00	-13.85	255	0	QP	horizontal		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	44.94	20.90	27.08	-6.18	40.00	-19.10	200	94	QP	vertical		
2	127.97	25.81	33.85	-8.04	43.50	-17.69	100	257	QP	vertical		
3	385.02	24.89	28.26	-3.37	46.00	-21.11	300	204	QP	vertical		
4	611.42	28.92	28.59	0.33	46.00	-17.08	300	114	QP	vertical		
5	800.76	31.08	28.24	2.84	46.00	-14.92	200	360	QP	vertical		
6	931.71	31.73	26.99	4.74	46.00	-14.27	300	339	QP	vertical		

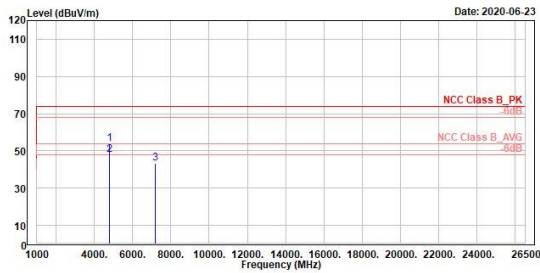
Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

BLE_1M

Low Channel (Horizontal)



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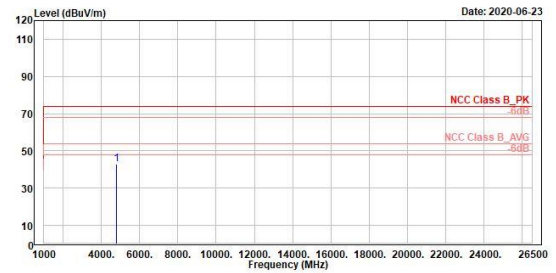


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV/m	dBuV/m	dB/m	dBuV/m	dB	cm	deg			
1	4894.00	53.77	63.21	-9.44	74.00	-20.23	269	164	Peak	horizontal	
2	4894.00	48.07	57.51	-9.44	54.00	-5.93	269	164	Average	horizontal	
3	7206.00	43.26	50.08	-6.82	74.00	-30.74	100	52	Peak	horizontal	

Low Channel (Vertical)



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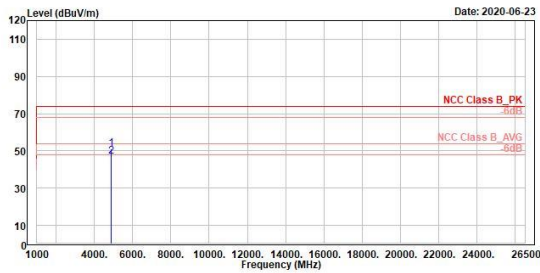
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV/m	dBuV/m	dB/m	dBuV/m	dB	cm	deg			
1	4894.00	43.07	52.51	-9.44	74.00	-30.93	100	188	Peak	vertical	

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Middle Channel (Horizontal)



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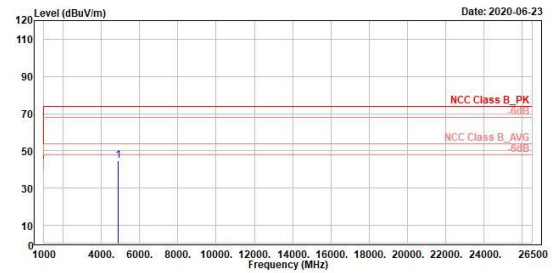


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4880.00	51.25	60.56	-9.31	74.00	-22.75	291	167	Peak	horizontal		
2	4880.00	47.06	56.37	-9.31	54.00	-6.94	291	167	Average	horizontal		

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	4880.00	44.74	54.05	-9.31	74.00	-29.26	100	194	Peak	vertical		

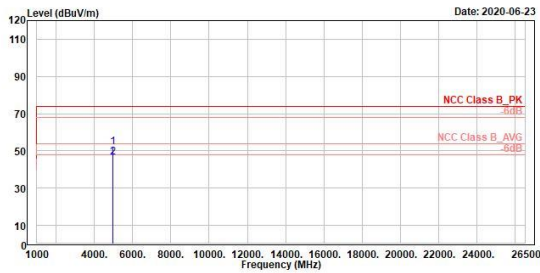
BLE_1M

High Channel (Horizontal)

High Channel (Vertical)



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