

# Test Report No.50348466 001

## Appendix D: Radiated and Mains Spurious Emission Data

(File: 50348466 001Appendix D)

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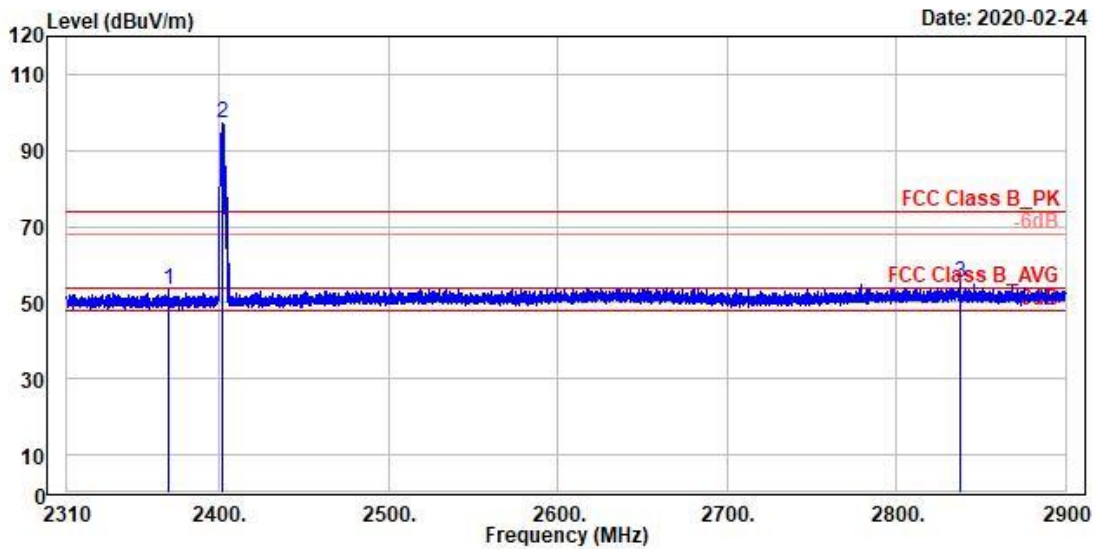
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# Spurious Emissions, Bandedge for BLE 1M

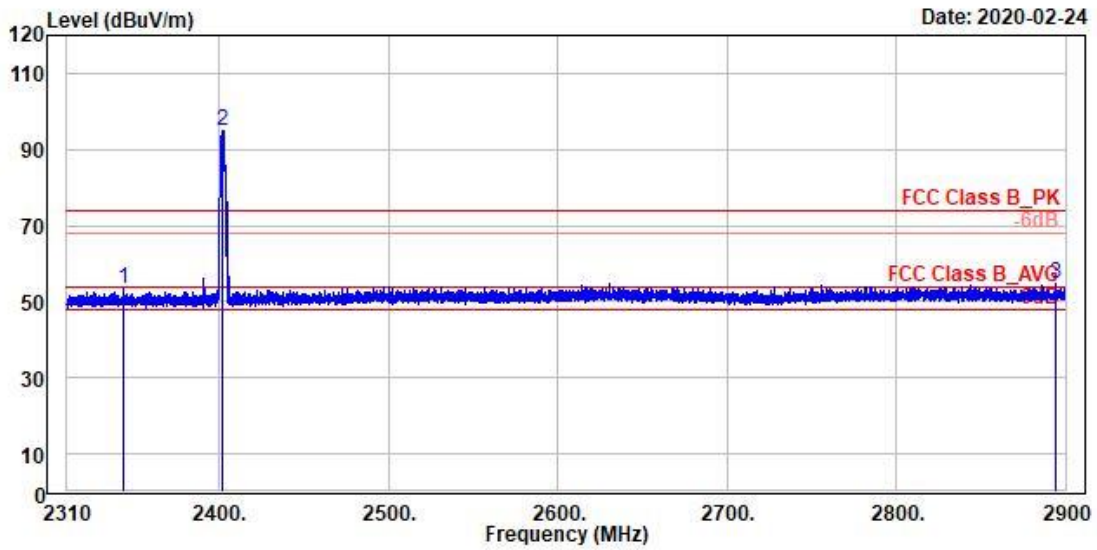
2402MHz



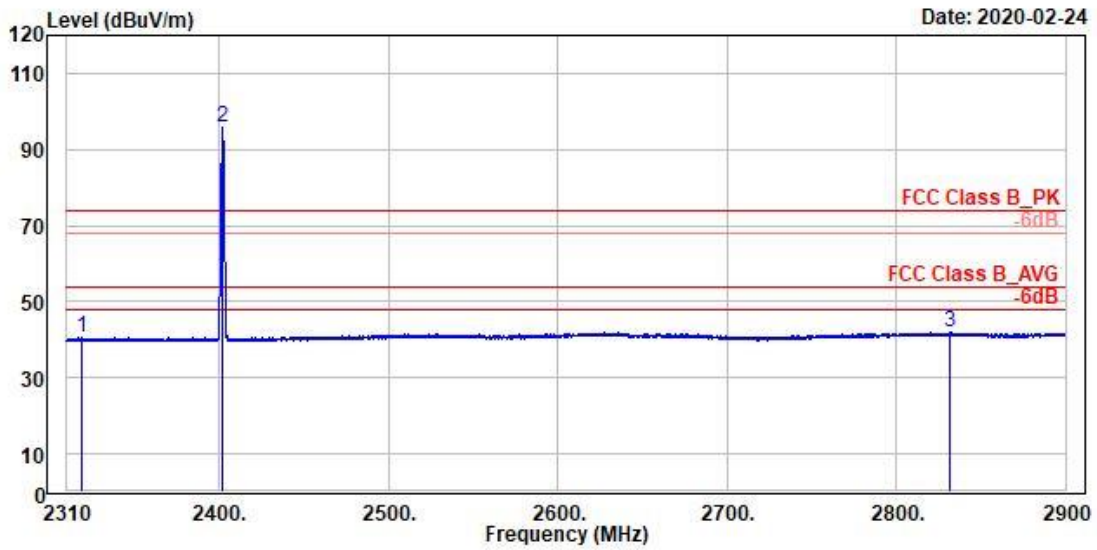
TUV Rheinland Taiwan Ltd.  
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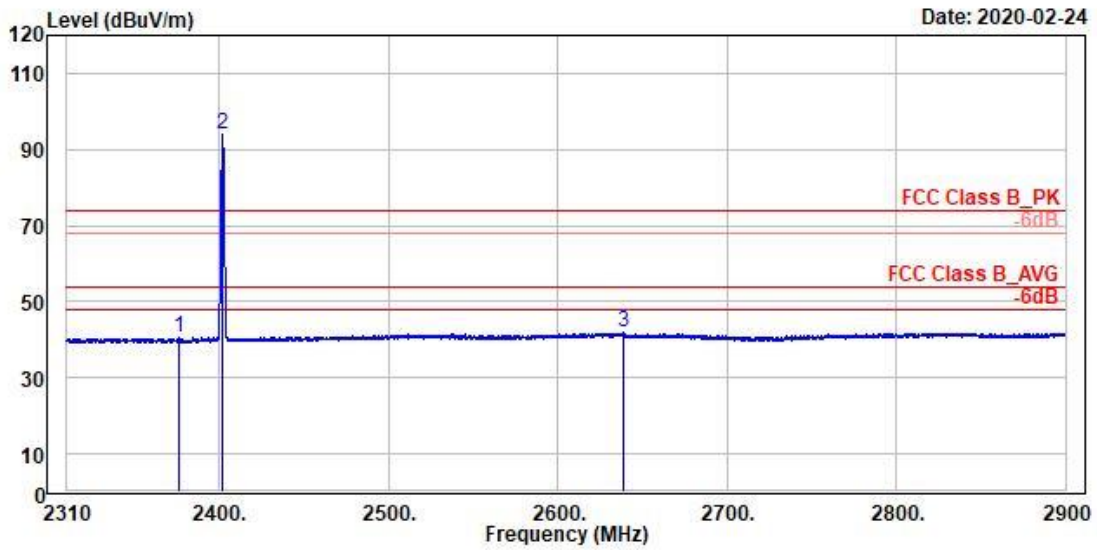
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1	2370.12	53.19	15.92	37.27	74.00	-20.81	202	222	Peak	Horizontal
2 *	2402.00	97.07	59.70	37.37	74.00	23.07	202	222	Peak	Horizontal
3	2838.17	55.02	16.99	38.03	74.00	-18.98	202	222	Peak	Horizontal



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2342.98	53.20	16.01	37.19	74.00	-20.80	103	173	Peak	Vertical
2 *	2402.00	95.02	57.65	37.37	74.00	21.02	103	173	Peak	Vertical
3	2894.87	54.75	16.46	38.29	74.00	-19.25	103	173	Peak	Vertical



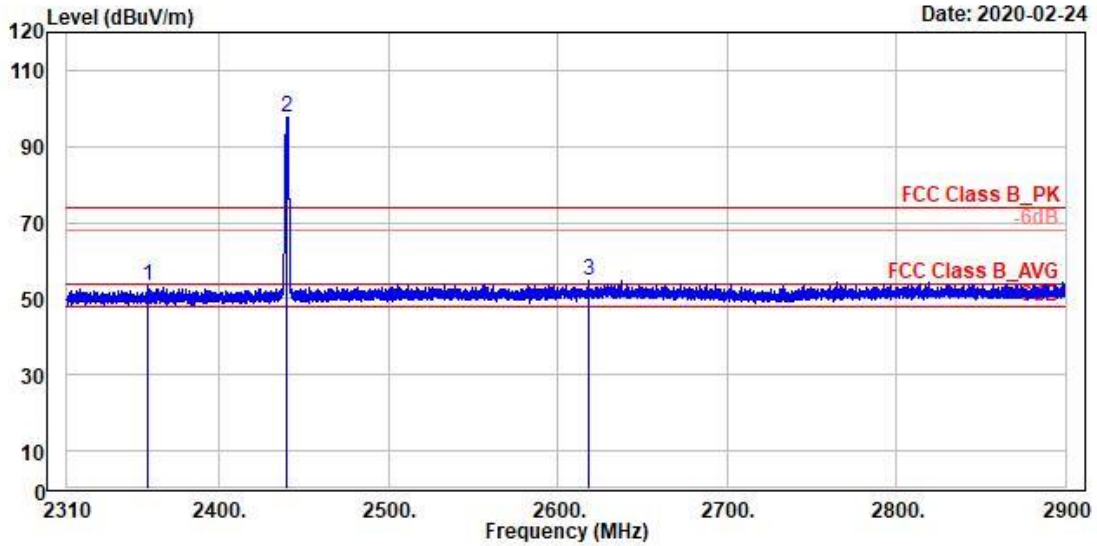
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1	2318.85	40.51	3.40	37.11	54.00	-13.49	202	222	Average	Horizontal
2 *	2402.00	95.75	58.38	37.37	54.00	41.75	202	222	Average	Horizontal
3	2831.97	42.09	4.08	38.01	54.00	-11.91	202	222	Average	Horizontal



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2376.20	40.62	3.33	37.29	54.00	-13.38	103	173	Average	Horizontal
2 *	2402.00	93.78	56.41	37.37	54.00	39.78	103	173	Average	Horizontal
3	2638.63	41.75	3.87	37.88	54.00	-12.25	103	173	Average	Horizontal

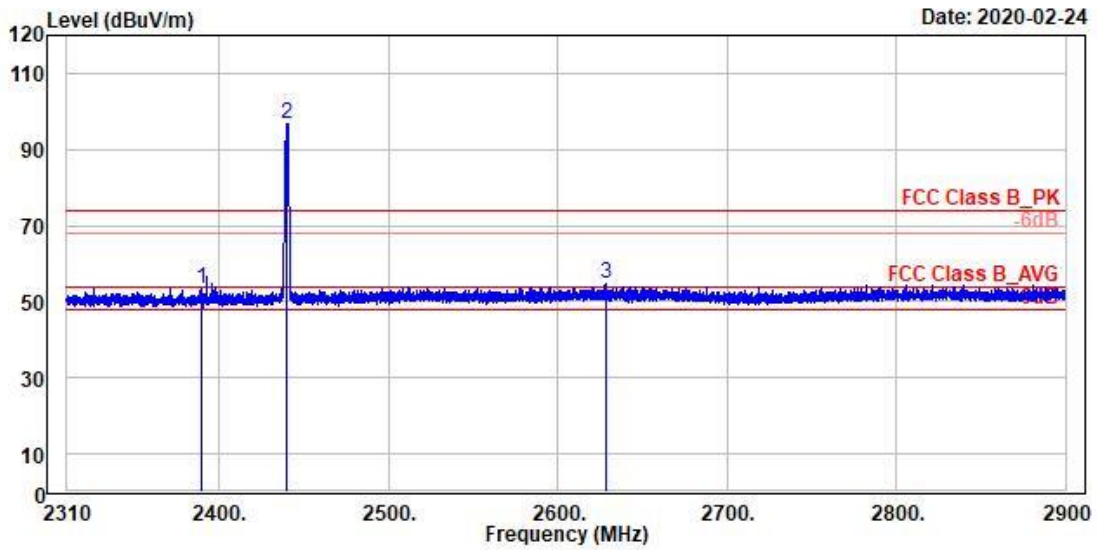


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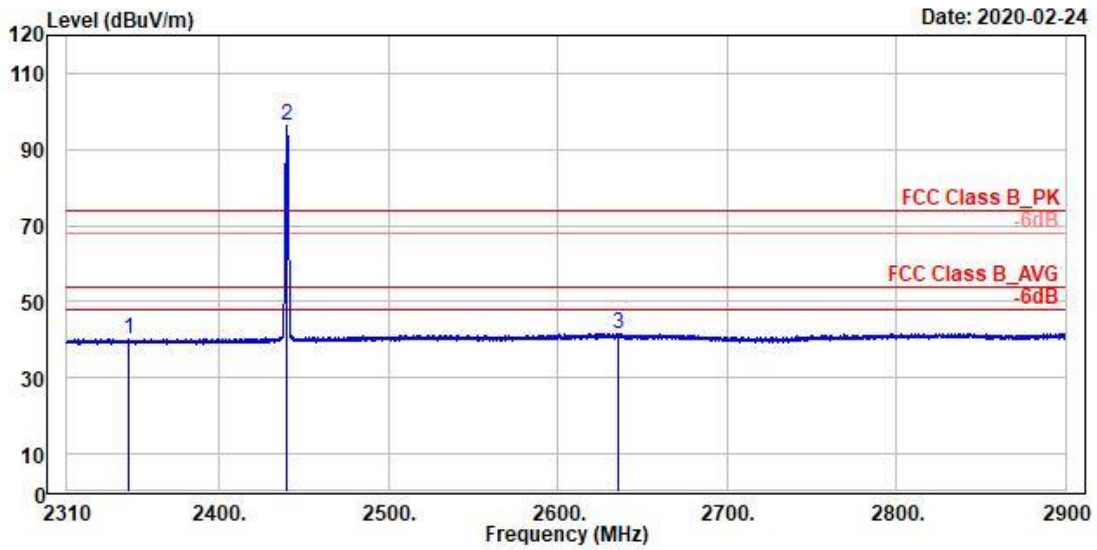


Date: 2020-02-24

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2357.38	53.25	16.03	37.22	74.00	-20.75	143	224	Peak	Horizontal
2 *	2440.00	97.64	60.15	37.49	74.00	23.64	143	224	Peak	Horizontal
3	2618.33	54.74	16.80	37.94	74.00	-19.26	143	224	Peak	Horizontal

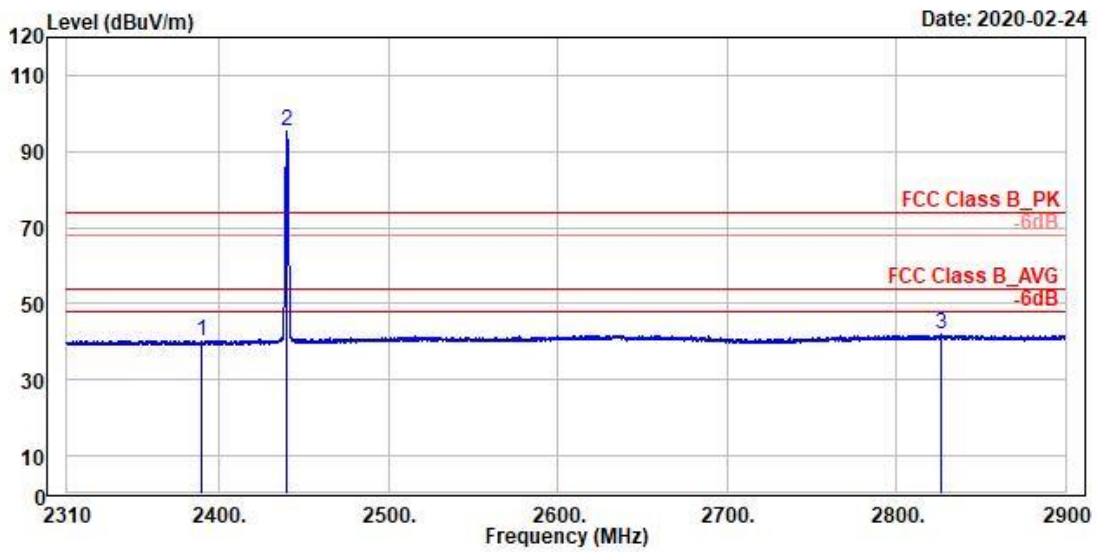


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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.30	53.54	16.21	37.33	74.00	-20.46	102	174	Peak	Vertical
2 *	2440.00	96.83	59.34	37.49	74.00	22.83	102	174	Peak	Vertical
3	2628.90	54.57	16.67	37.90	74.00	-19.43	102	174	Peak	Vertical



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2346.29	40.15	2.96	37.19	54.00	-13.85	143	224	Average	Horizontal
2 *	2440.00	96.33	58.84	37.49	54.00	42.33	143	224	Average	Horizontal
3	2635.80	41.71	3.82	37.89	54.00	-12.29	143	224	Average	Horizontal

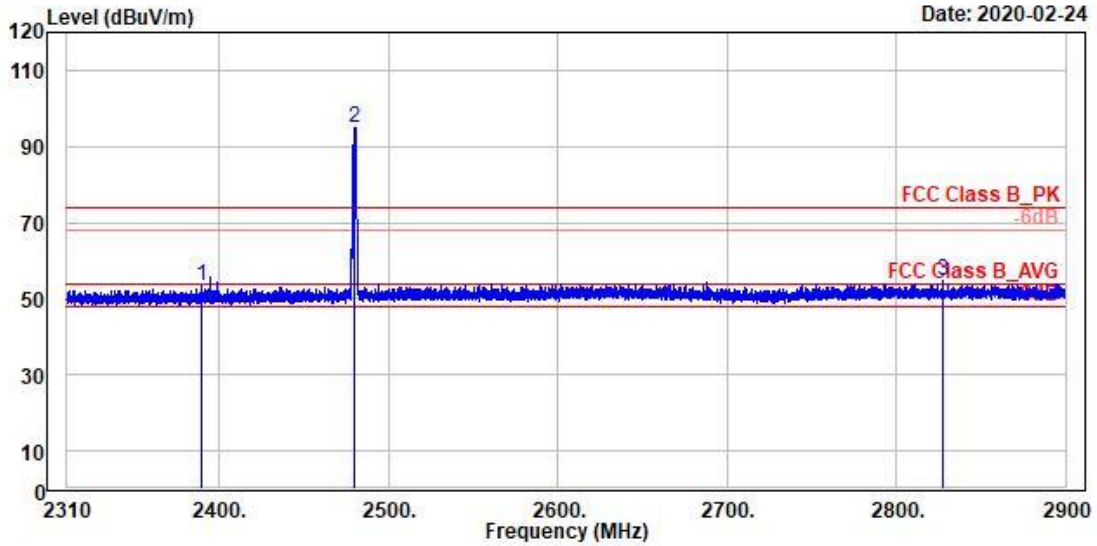




	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.53	40.37	3.04	37.33	54.00	-13.63	102	174	Average	Vertical
2 *	2440.00	95.53	58.04	37.49	54.00	41.53	102	174	Average	Vertical
3	2826.78	41.82	3.83	37.99	54.00	-12.18	102	174	Average	Vertical

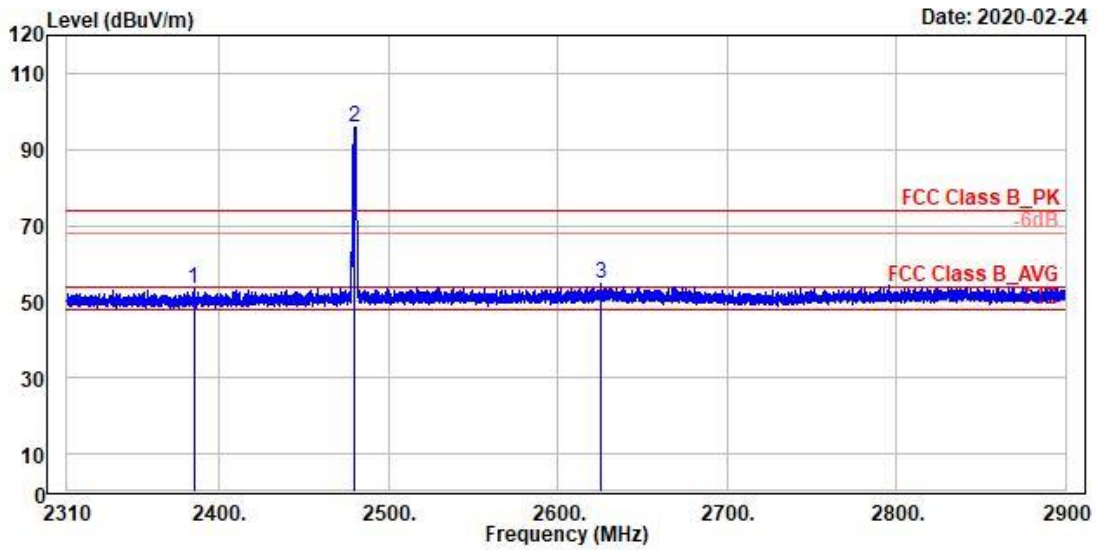


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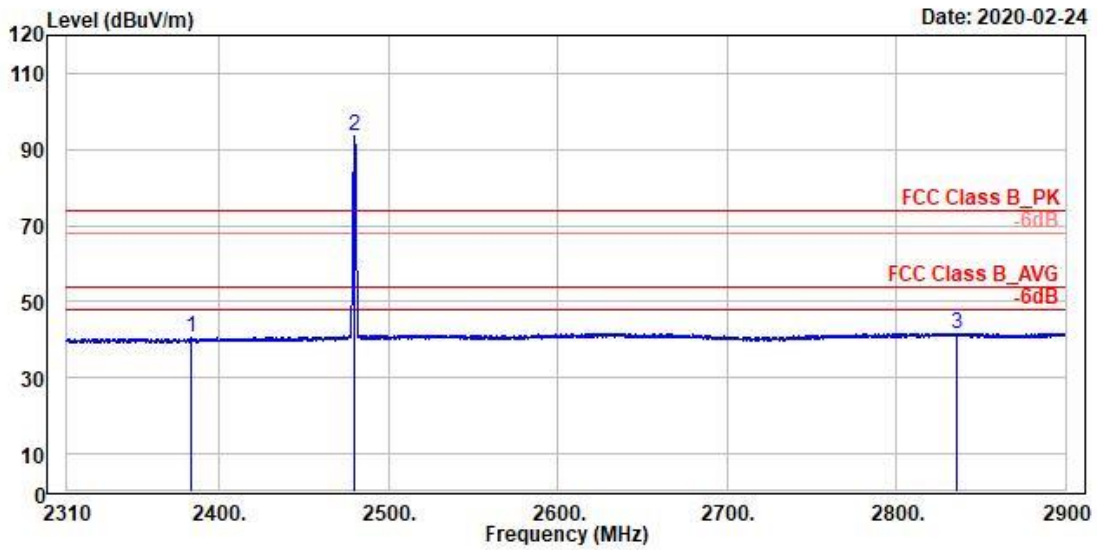


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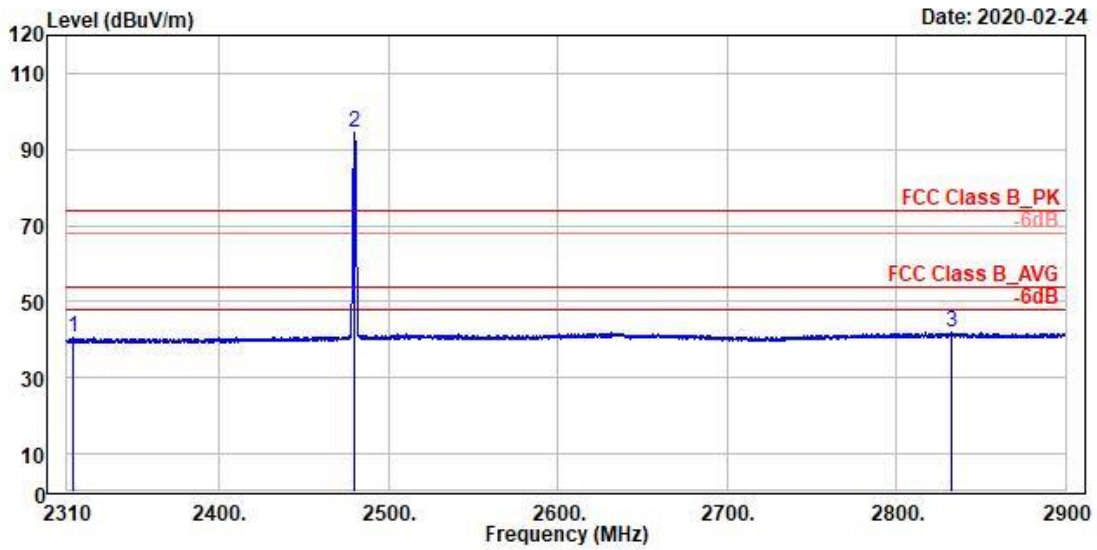
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1	2389.77	53.22	15.89	37.33	74.00	-20.78	100	204	Peak	Horizontal
2 *	2480.00	94.85	57.29	37.56	74.00	20.85	100	204	Peak	Horizontal
3	2828.02	54.90	16.90	38.00	74.00	-19.10	100	204	Peak	Horizontal



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2384.93	53.31	15.99	37.32	74.00	-20.69	102	179	Peak	Vertical
2 *	2480.00	95.78	58.22	37.56	74.00	21.78	102	179	Peak	Vertical
3	2625.71	54.83	16.91	37.92	74.00	-19.17	102	179	Peak	Vertical



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2382.98	40.44	3.13	37.31	54.00	-13.56	100	204	Average	Horizontal
2 *	2480.00	93.61	56.05	37.56	54.00	39.61	100	204	Average	Horizontal
3	2835.75	41.74	3.72	38.02	54.00	-12.26	100	204	Average	Horizontal



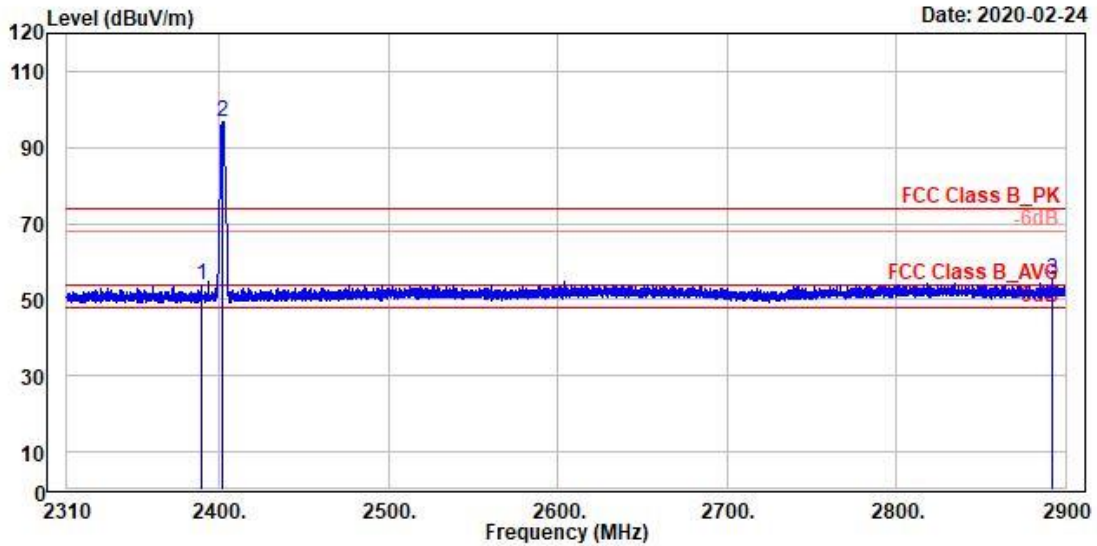
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1	2314.07	40.75	3.66	37.09	54.00	-13.25	102	179	Average	Vertical
2 *	2480.00	94.55	56.99	37.56	54.00	40.55	102	179	Average	Vertical
3	2832.62	41.92	3.90	38.02	54.00	-12.08	102	179	Average	Vertical

# Spurious Emissions, Bandedge for BLE 2M

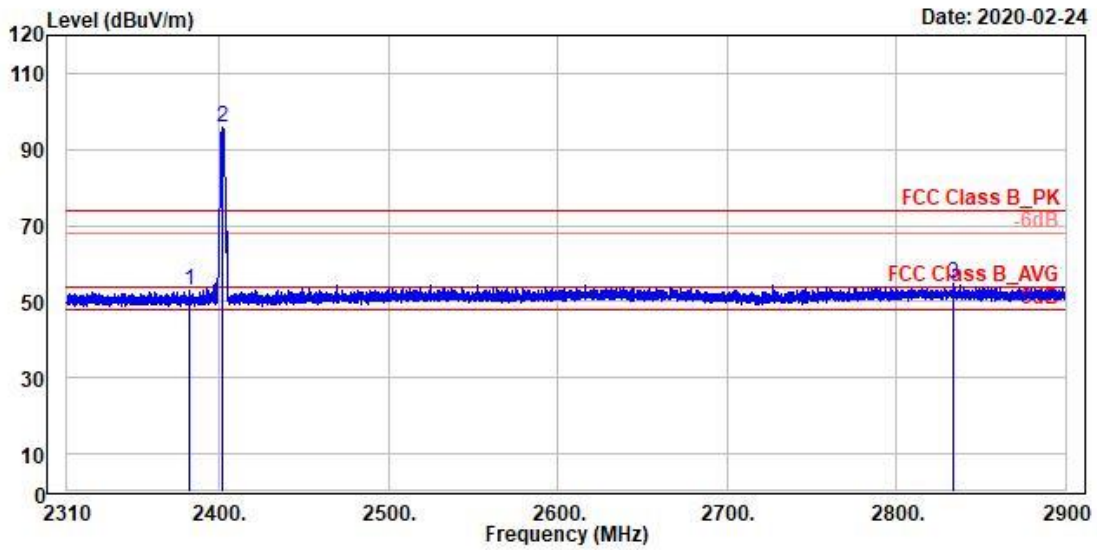
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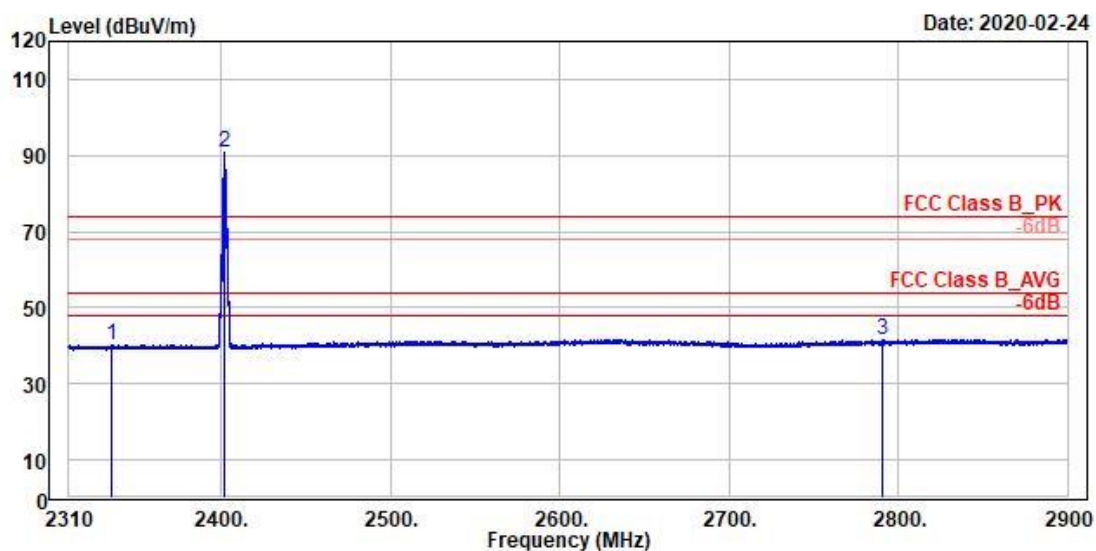
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	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.59	53.83	16.50	37.33	74.00	-20.17	203	222	Peak	Horizontal
2 *	2402.00	96.79	59.42	37.37	74.00	22.79	203	222	Peak	Horizontal
3	2892.74	54.99	16.71	38.28	74.00	-19.01	203	222	Peak	Horizontal

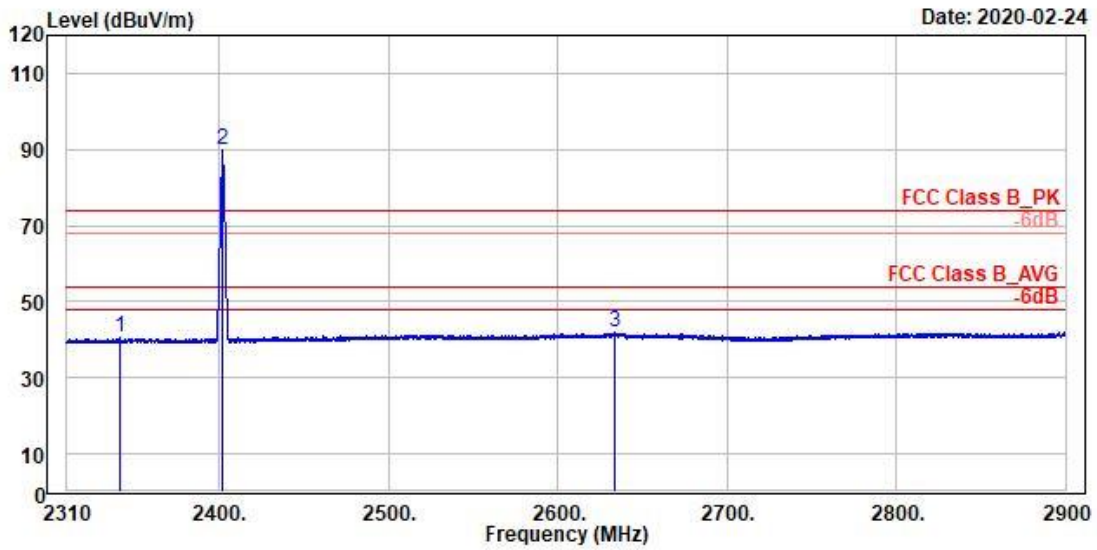


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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2382.33	52.83	15.53	37.30	74.00	-21.17	104	173	Peak	Vertical
2 *	2402.00	95.59	58.22	37.37	74.00	21.59	104	173	Peak	Vertical
3	2833.45	54.54	16.52	38.02	74.00	-19.46	104	173	Peak	Vertical



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2334.90	40.22	3.06	37.16	54.00	-13.78	203	222	Average	Horizontal
2 *	2402.00	90.84	53.47	37.37	54.00	36.84	203	222	Average	Horizontal
3	2790.85	41.71	3.81	37.90	54.00	-12.29	203	222	Average	Horizontal

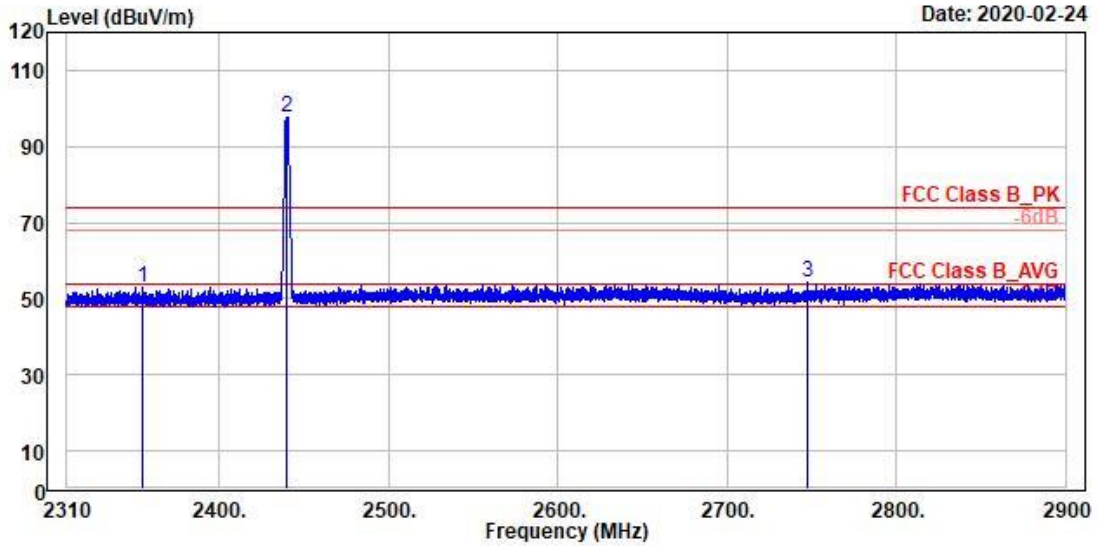




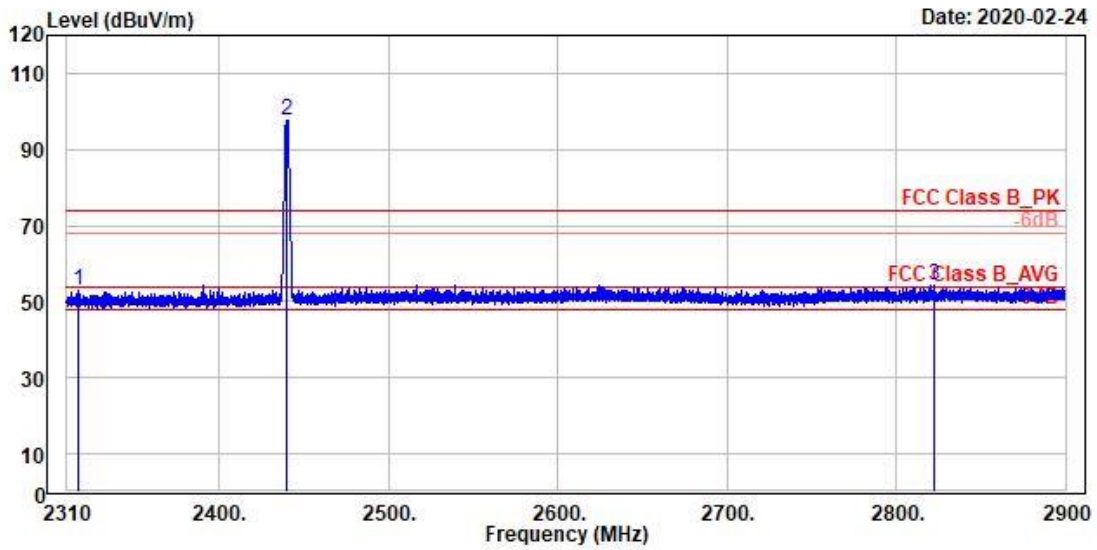
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2341.27	40.43	3.25	37.18	54.00	-13.57	104	173	Average	Vertical
2 *	2402.00	89.75	52.38	37.37	54.00	35.75	104	173	Average	Vertical
3	2634.03	41.98	4.09	37.89	54.00	-12.02	104	173	Average	Vertical



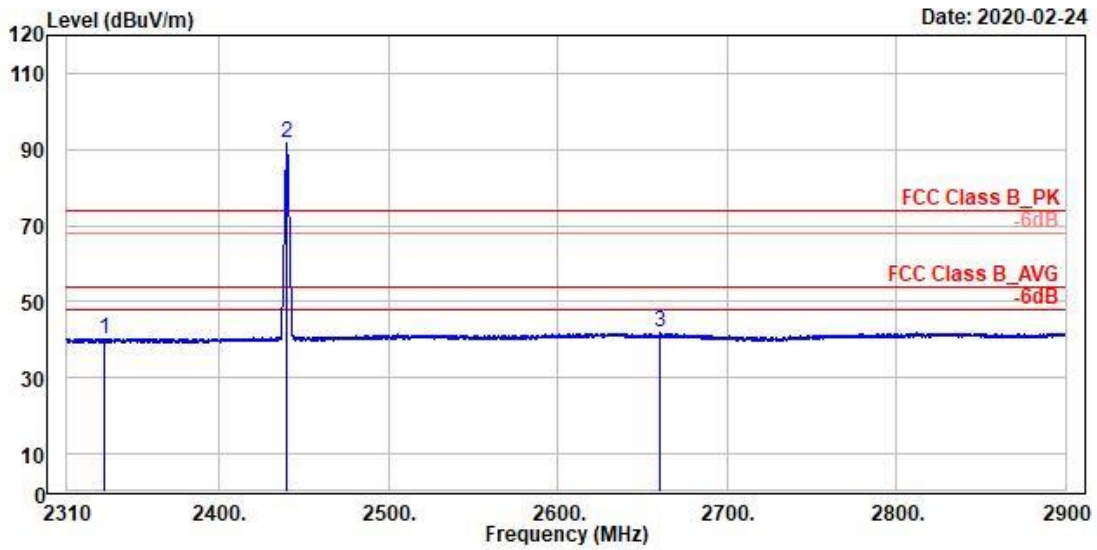
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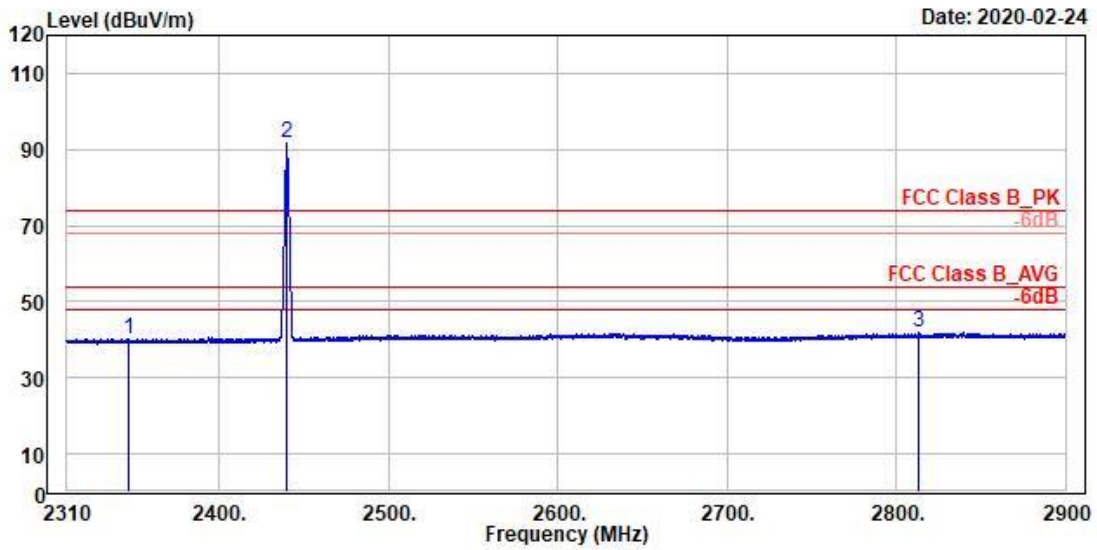
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1	2355.14	52.85	15.63	37.22	74.00	-21.15	143	224	Peak	Horizontal
2 *	2440.00	97.63	60.14	37.49	74.00	23.63	143	224	Peak	Horizontal
3	2748.13	54.37	16.52	37.85	74.00	-19.63	143	224	Peak	Horizontal



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2317.14	52.78	15.68	37.10	74.00	-21.22	102	174	Peak	Vertical
2 *	2440.00	97.46	59.97	37.49	74.00	23.46	102	174	Peak	Vertical
3	2822.30	54.40	16.43	37.97	74.00	-19.60	102	174	Peak	Vertical



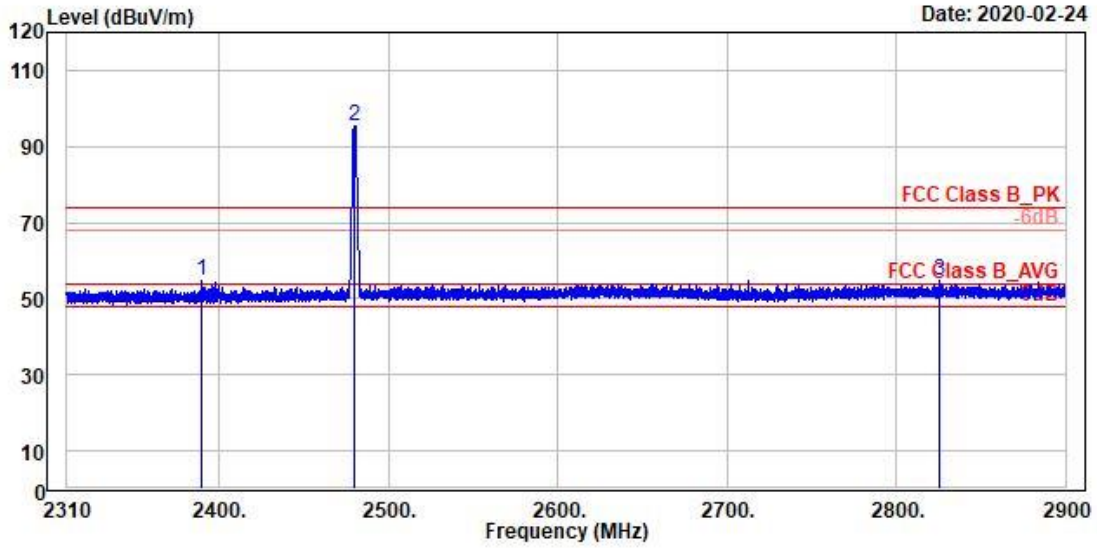
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1	2332.13	40.35	3.20	37.15	54.00	-13.65	143	224	Average	Horizontal
2 *	2440.00	91.71	54.22	37.49	54.00	37.71	143	224	Average	Horizontal
3	2660.70	41.86	4.02	37.84	54.00	-12.14	143	224	Average	Horizontal



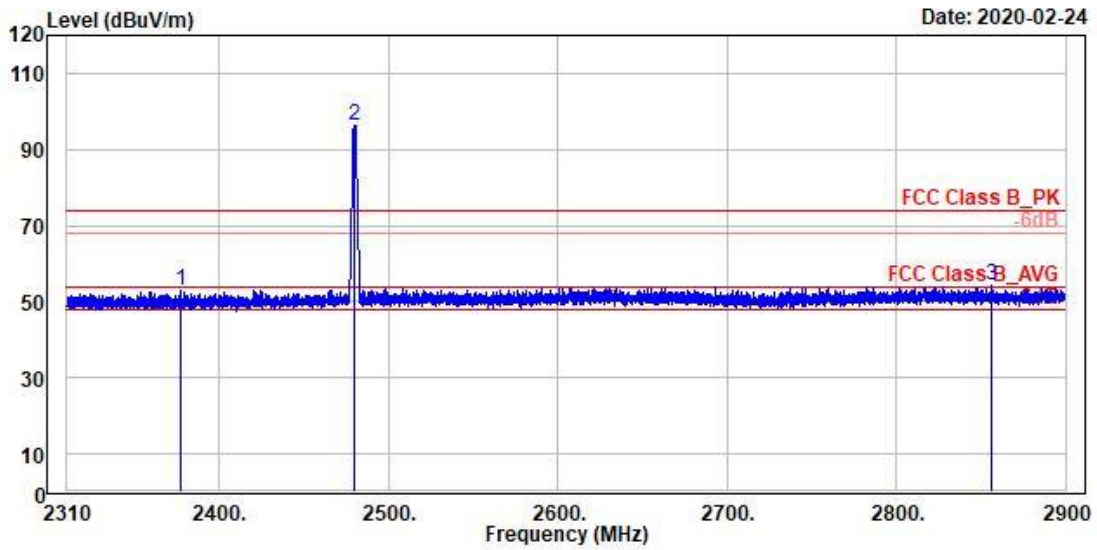
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1	2346.40	40.25	3.06	37.19	54.00	-13.75	102	174	Average	Vertical
2 *	2440.00	91.60	54.11	37.49	54.00	37.60	102	174	Average	Vertical
3	2813.09	42.06	4.11	37.95	54.00	-11.94	102	174	Average	Vertical



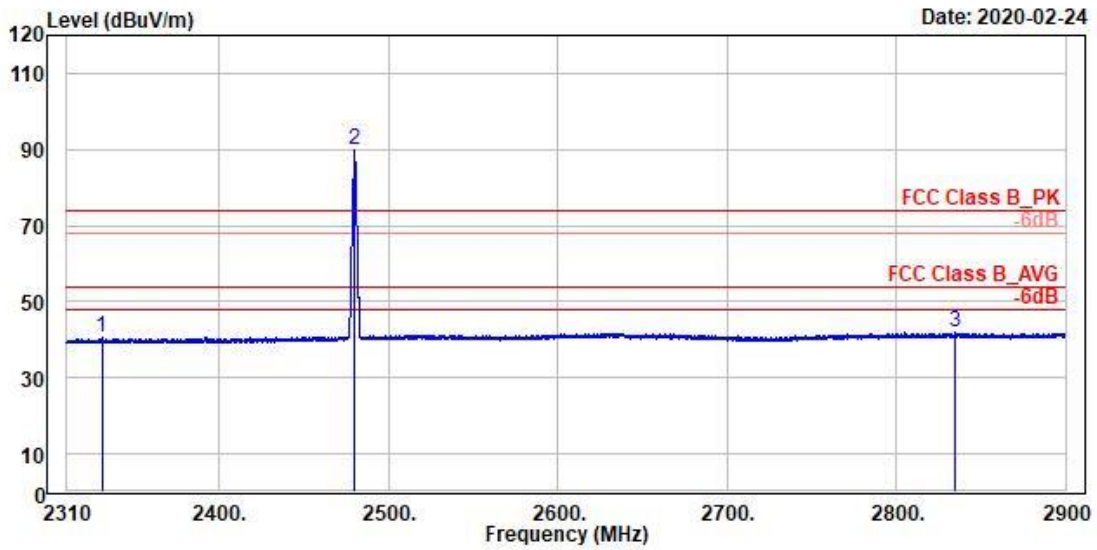
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	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.83	54.77	17.44	37.33	74.00	-19.23	100	205	Peak	Horizontal
2 *	2480.00	95.47	57.91	37.56	74.00	21.47	100	205	Peak	Horizontal
3	2825.90	54.81	16.82	37.99	74.00	-19.19	100	205	Peak	Horizontal

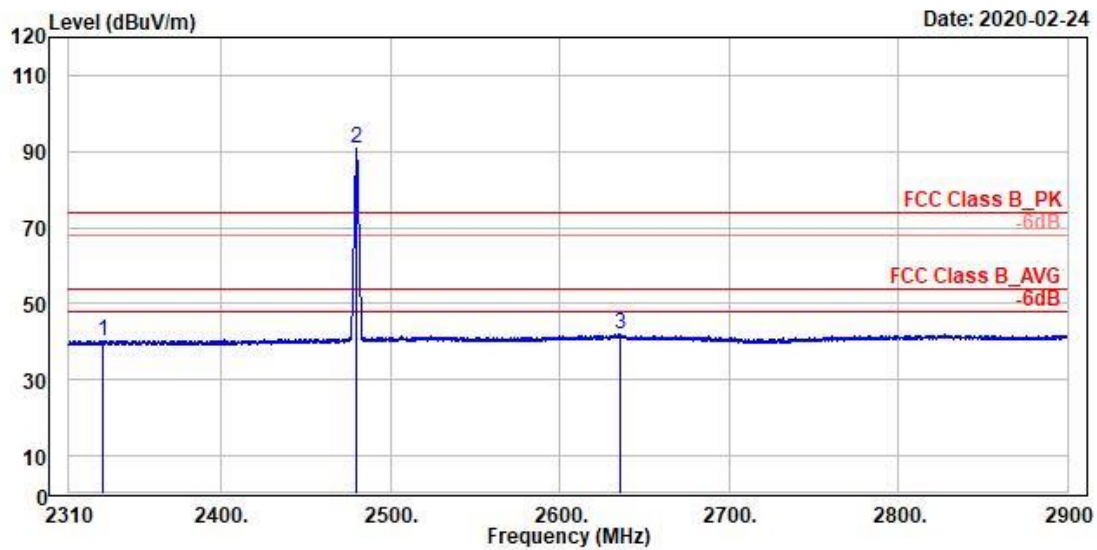


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2377.32	52.89	15.60	37.29	74.00	-21.11	102	180	Peak	Vertical
2 *	2480.00	96.38	58.82	37.56	74.00	22.38	102	180	Peak	Vertical
3	2856.34	54.17	16.07	38.10	74.00	-19.83	102	180	Peak	Vertical



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2330.53	40.39	3.25	37.14	54.00	-13.61	100	205	Average	Horizontal
2 *	2480.00	89.88	52.32	37.56	54.00	35.88	100	205	Average	Horizontal
3	2835.04	41.89	3.87	38.02	54.00	-12.11	100	205	Average	Horizontal





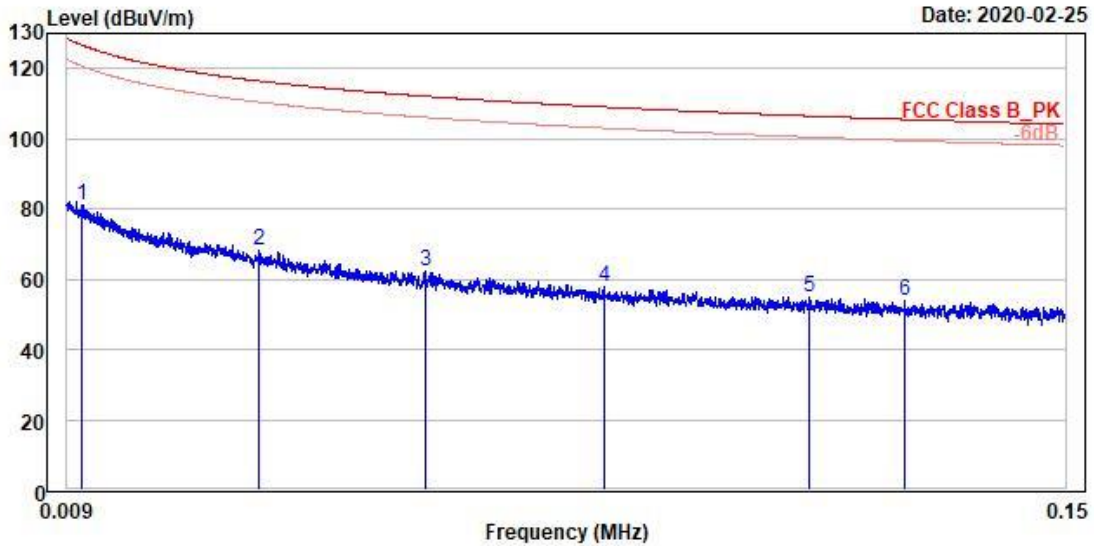
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2329.94	40.26	3.12	37.14	54.00	-13.74	102	180	Average	Vertical
2 *	2480.00	90.79	53.23	37.56	54.00	36.79	102	180	Average	Vertical
3	2636.15	41.95	4.06	37.89	54.00	-12.05	102	180	Average	Vertical

# Spurious Emissions, TX Mode, 9kHz-30MHz, BLE 1M

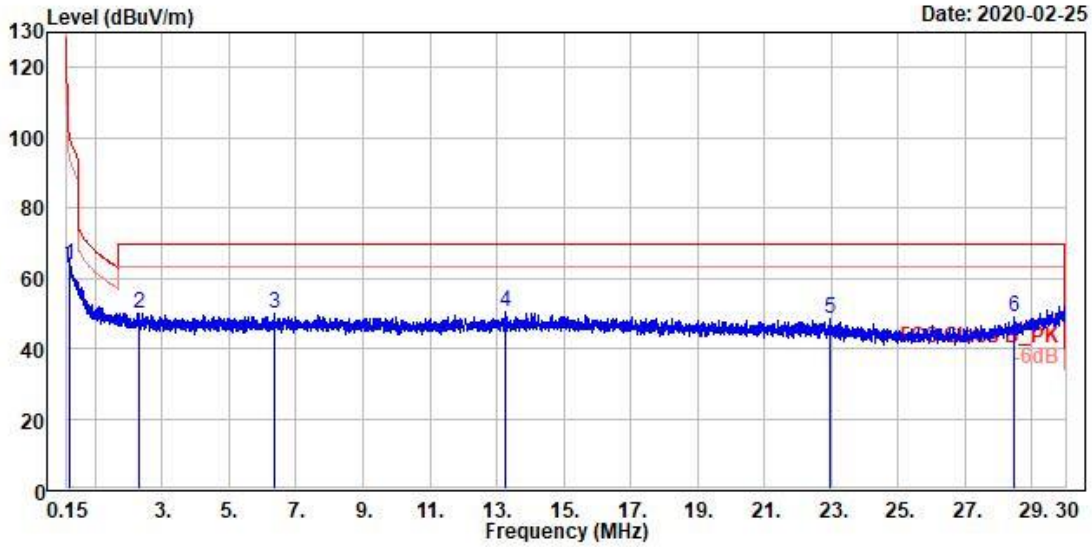
2402MHz



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	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	81.09	3.01	78.08	126.60	-45.51	100	360	QP	vertical
2	0.04	68.21	-0.56	68.77	116.42	-48.21	100	72	QP	vertical
3	0.06	62.40	-1.31	63.71	112.10	-49.70	100	315	QP	vertical
4	0.08	57.85	-3.02	60.87	109.03	-51.18	100	160	QP	vertical
5	0.11	54.77	-3.67	58.44	106.47	-51.70	100	308	QP	vertical
6	0.13	54.04	-3.62	57.66	105.50	-51.46	100	137	QP	vertical



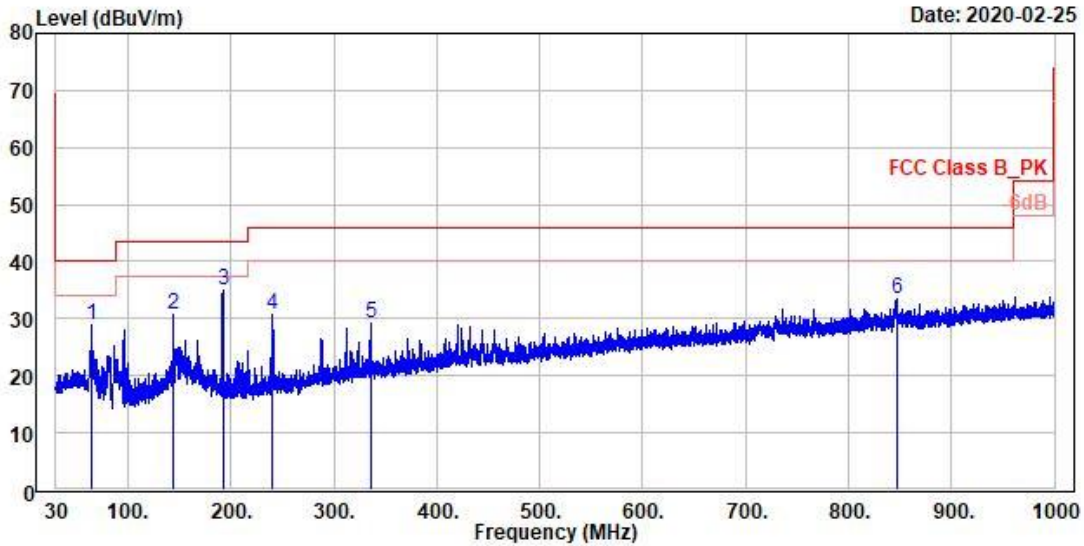
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.23	63.97	11.52	52.45	100.23	-36.26	100	72	QP	vertical
2	2.28	50.08	11.51	38.57	69.50	-19.42	100	236	QP	vertical
3	6.33	50.03	11.68	38.35	69.50	-19.47	100	159	QP	vertical
4	13.27	50.64	13.18	37.46	69.50	-18.86	100	9	QP	vertical
5	22.96	48.22	12.63	35.59	69.50	-21.28	100	347	QP	vertical
6	28.47	48.94	12.85	36.09	69.50	-20.56	100	13	QP	vertical

# Spurious Emissions, TX Mode, 30MHz-1GHz, BLE 1M

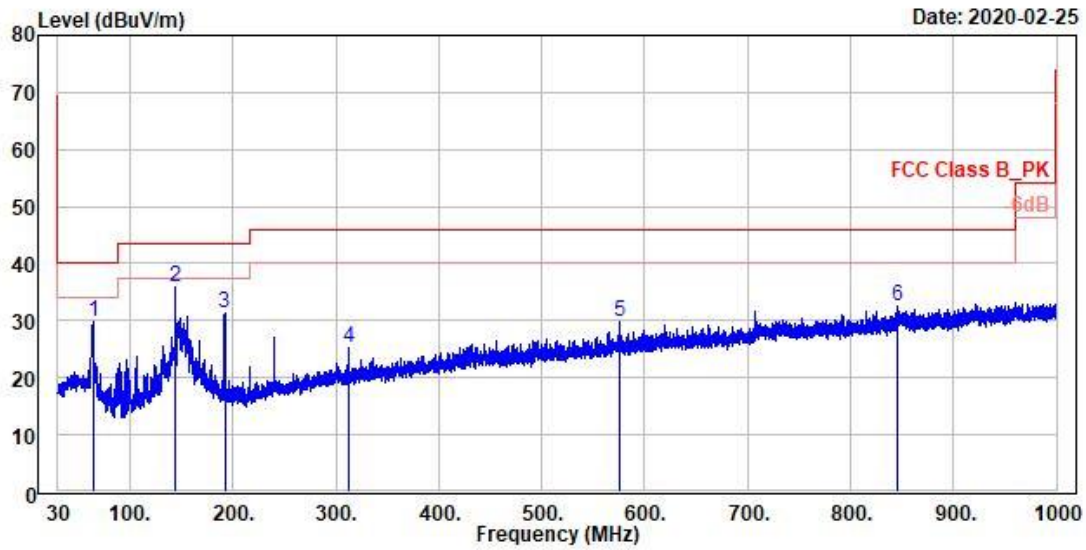
2402MHz



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	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	64.82	28.98	38.02	-9.04	40.00	-11.02	300	351	QP	horizontal
2	143.98	30.74	38.39	-7.65	43.50	-12.76	200	207	QP	horizontal
3	192.18	34.90	44.73	-9.83	43.50	-8.60	100	267	QP	horizontal
4	240.01	30.76	39.07	-8.31	46.00	-15.24	100	309	QP	horizontal
5	336.04	29.10	34.82	-5.72	46.00	-16.90	100	278	QP	horizontal
6	848.00	33.47	31.11	2.36	46.00	-12.53	400	157	QP	horizontal



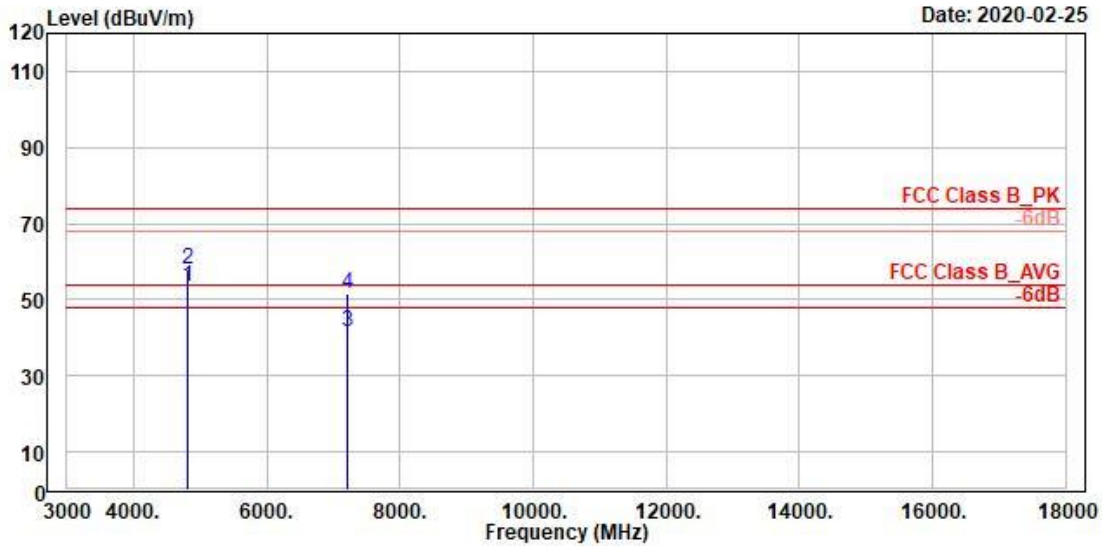
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	63.85	29.70	38.55	-8.85	40.00	-10.30	100	254	QP	vertical
2	143.98	36.04	43.69	-7.65	43.50	-7.46	100	189	QP	vertical
3	191.99	31.19	41.01	-9.82	43.50	-12.31	100	150	QP	vertical
4	311.98	25.25	31.47	-6.22	46.00	-20.75	100	86	QP	vertical
5	576.01	29.86	31.62	-1.76	46.00	-16.14	100	193	QP	vertical
6	845.09	32.40	30.06	2.34	46.00	-13.60	331	360	QP	vertical

# Spurious Emissions, TX Mode, 1GHz-26.5GHz, BLE 1M

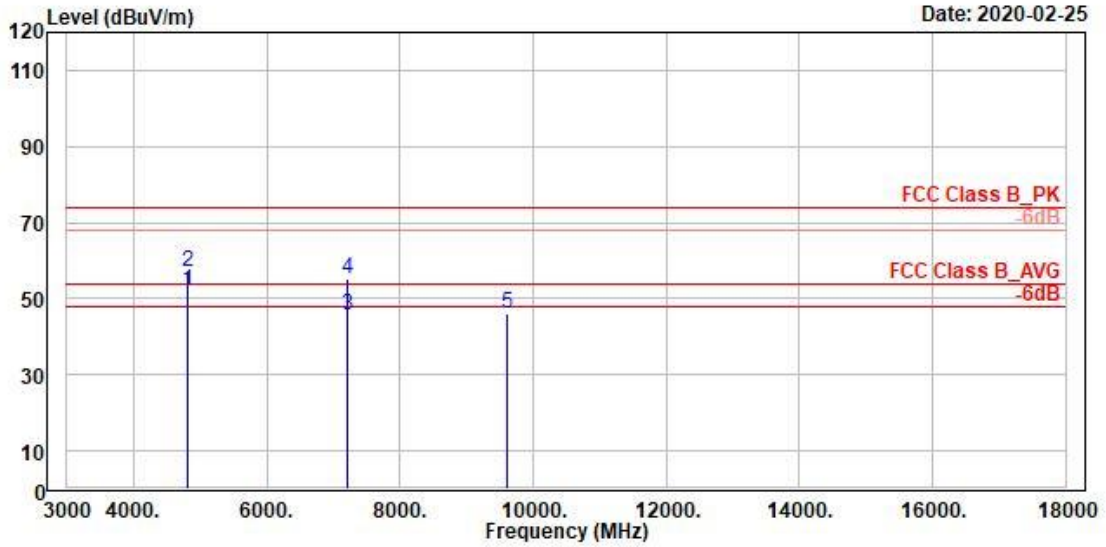
2402MHz



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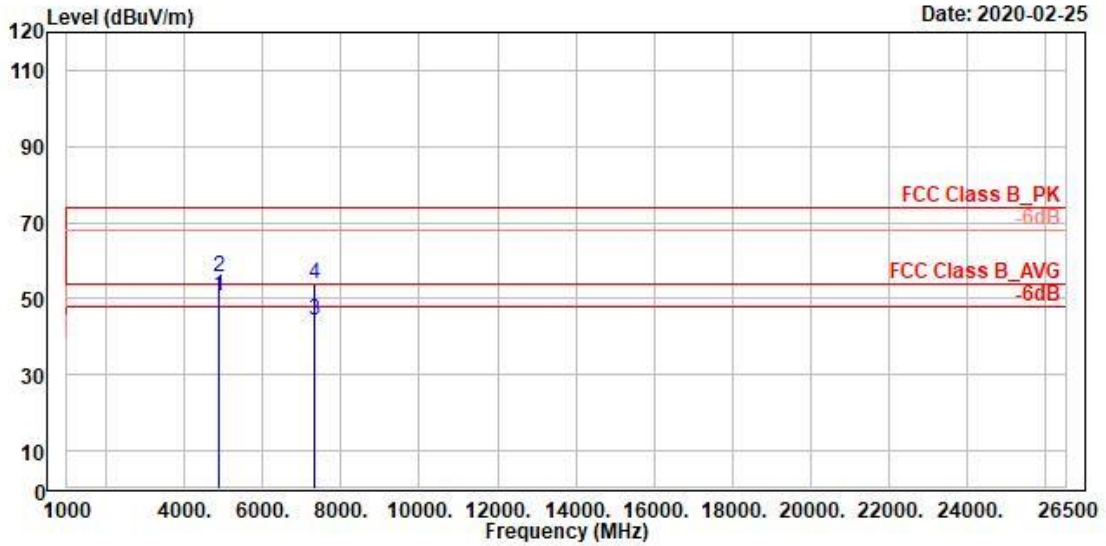
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	4804.00	53.47	63.67	-10.20	54.00	-0.53	330	116	Average	horizontal
2	4804.00	57.85	68.05	-10.20	74.00	-16.15	330	116	Peak	horizontal
3	7206.00	41.50	49.15	-7.65	54.00	-12.50	100	272	Average	horizontal
4	7206.00	51.49	59.14	-7.65	74.00	-22.51	100	272	Peak	horizontal



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	4804.00	52.19	62.39	-10.20	54.00	-1.81	225	219	Average	vertical
2	4804.00	56.95	67.15	-10.20	74.00	-17.05	225	219	Peak	vertical
3	7206.00	45.73	53.38	-7.65	54.00	-8.27	104	114	Average	vertical
4	7206.00	55.25	62.90	-7.65	74.00	-18.75	104	114	Peak	vertical
5	9608.00	46.25	51.54	-5.29	74.00	-27.75	100	289	Peak	vertical



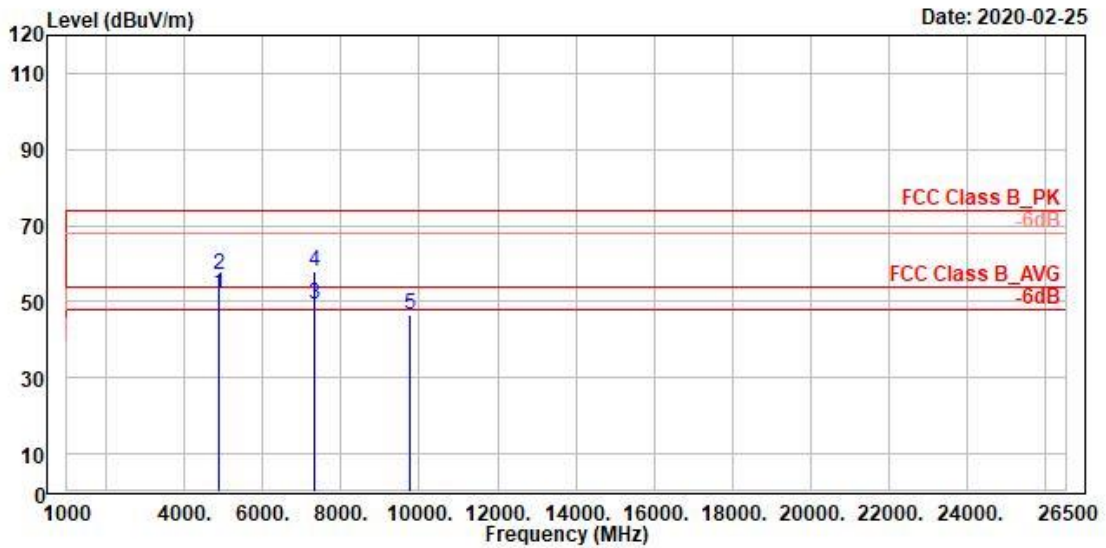
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Date: 2020-02-25

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	4880.00	50.84	60.90	-10.06	54.00	-3.16	184	0	Average	horizontal
2	4880.00	55.81	65.87	-10.06	74.00	-18.19	184	0	Peak	horizontal
3	7320.00	44.15	51.93	-7.78	54.00	-9.85	112	268	Average	horizontal
4	7320.00	53.75	61.53	-7.78	74.00	-20.25	112	268	Peak	horizontal

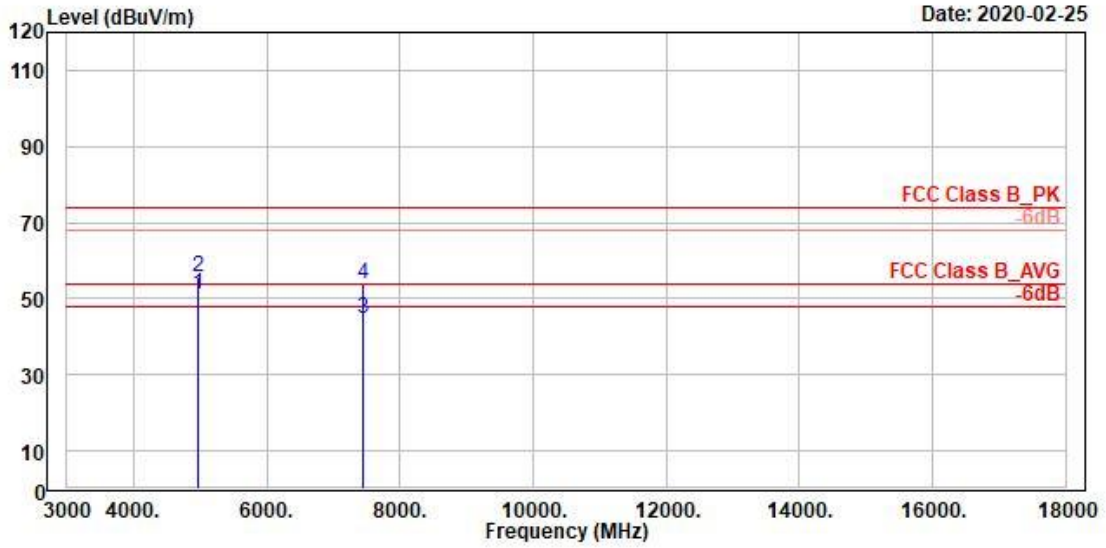




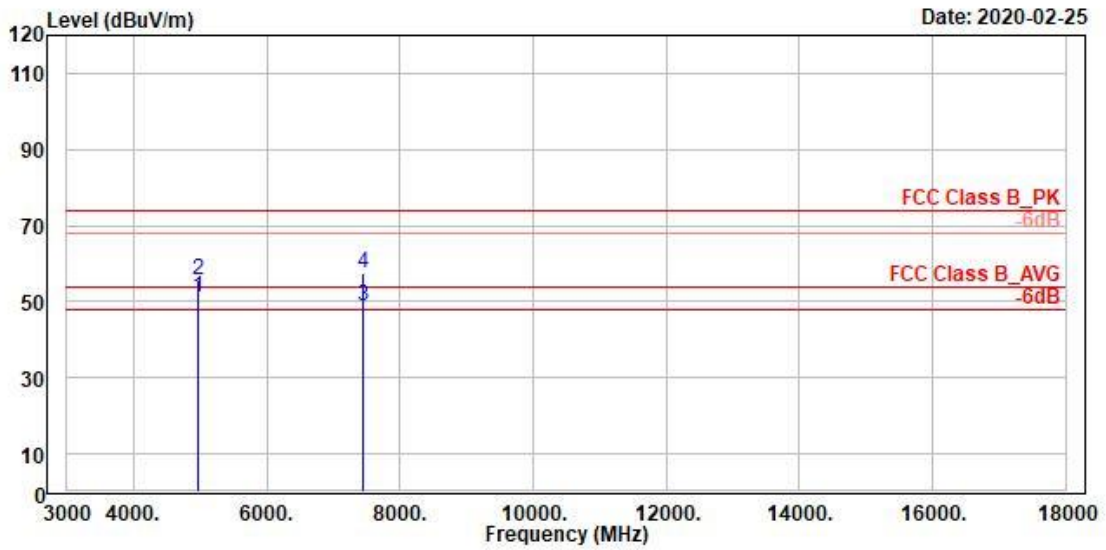
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	4880.00	52.21	62.27	-10.06	54.00	-1.79	291	214	Average	vertical
2	4880.00	56.85	66.91	-10.06	74.00	-17.15	291	214	Peak	vertical
3 !	7320.00	49.26	57.04	-7.78	54.00	-4.74	100	115	Average	vertical
4	7320.00	57.77	65.55	-7.78	74.00	-16.23	100	115	Peak	vertical
5	9760.00	46.55	51.51	-4.96	74.00	-27.45	100	279	Peak	vertical



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	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	4960.00	51.00	60.76	-9.76	54.00	-3.00	106	350	Average	horizontal
2	4960.00	55.61	65.37	-9.76	74.00	-18.39	106	350	Peak	horizontal
3	7440.00	44.61	52.33	-7.72	54.00	-9.39	115	71	Average	horizontal
4	7440.00	53.74	61.46	-7.72	74.00	-20.26	115	71	Peak	horizontal



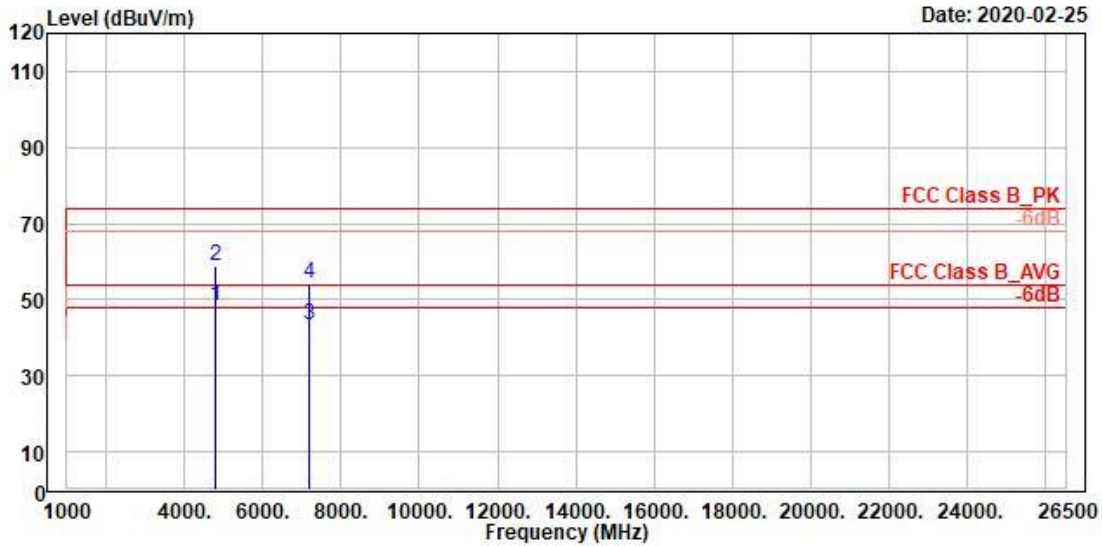
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	4960.00	51.31	61.07	-9.76	54.00	-2.69	297	213	Average	vertical
2	4960.00	55.80	65.56	-9.76	74.00	-18.20	297	213	Peak	vertical
3 !	7440.00	48.92	56.64	-7.72	54.00	-5.08	102	115	Average	vertical
4	7440.00	57.30	65.02	-7.72	74.00	-16.70	102	115	Peak	vertical

# Spurious Emissions, TX Mode, 1GHz-26.5GHz, BLE 2M

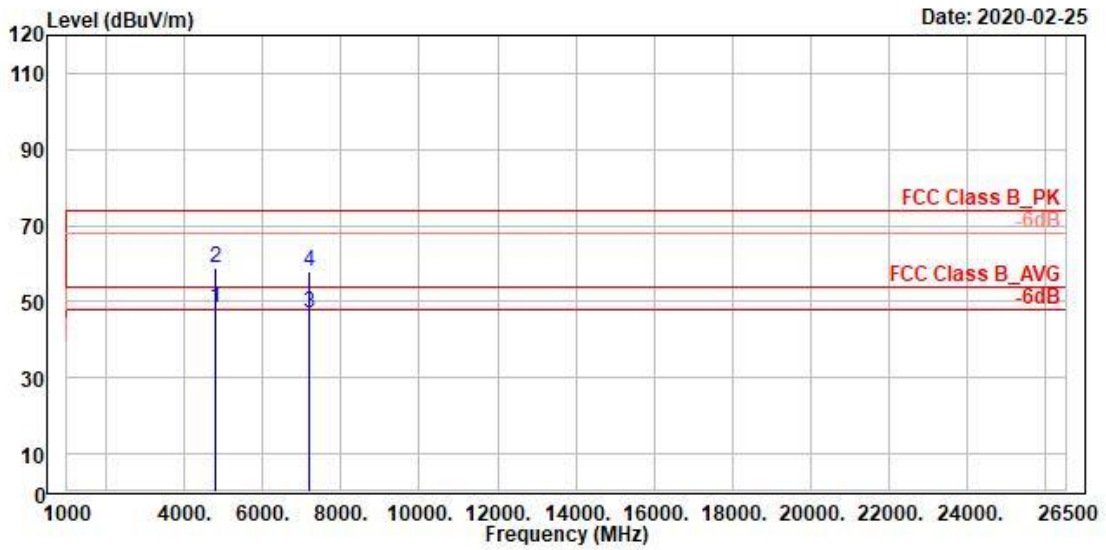
2402MHz



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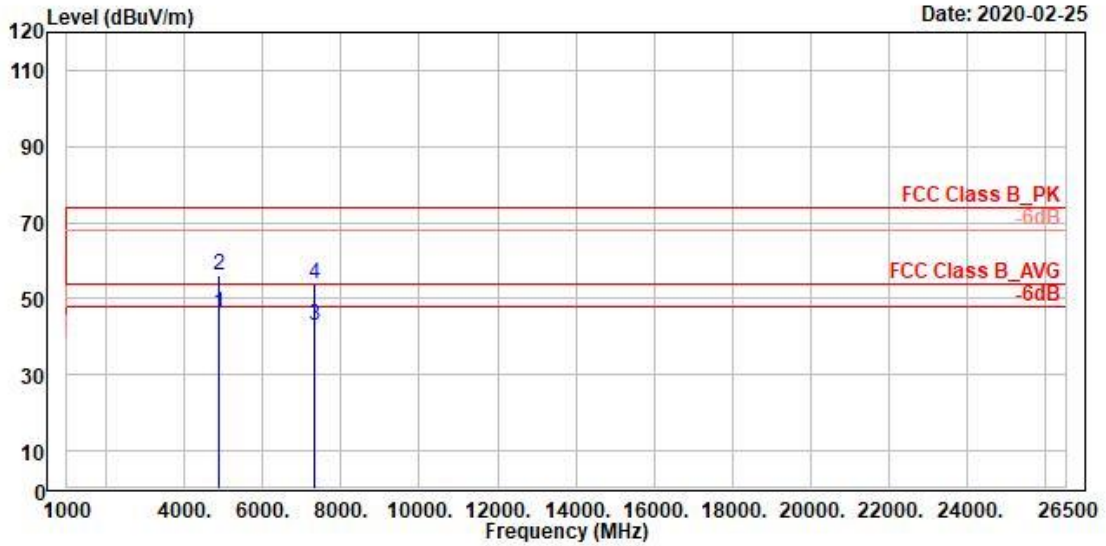
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	4804.00	48.26	58.46	-10.20	54.00	-5.74	102	117	Average	horizontal
2	4804.00	58.84	69.04	-10.20	74.00	-15.16	102	117	Peak	horizontal
3	7206.00	43.36	51.01	-7.65	54.00	-10.64	107	270	Average	horizontal
4	7206.00	54.42	62.07	-7.65	74.00	-19.58	107	270	Peak	horizontal



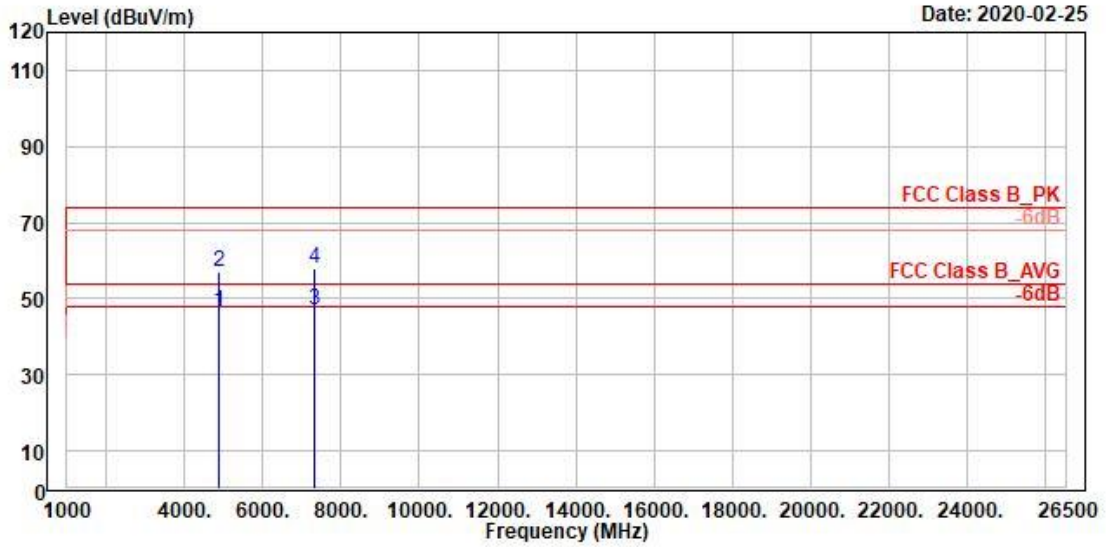
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	4804.00	48.34	58.54	-10.20	54.00	-5.66	400	208	Average	vertical
2	4804.00	58.94	69.14	-10.20	74.00	-15.06	400	208	Peak	vertical
3	7206.00	47.11	54.76	-7.65	54.00	-6.89	100	113	Average	vertical
4	7206.00	57.83	65.48	-7.65	74.00	-16.17	100	113	Peak	vertical



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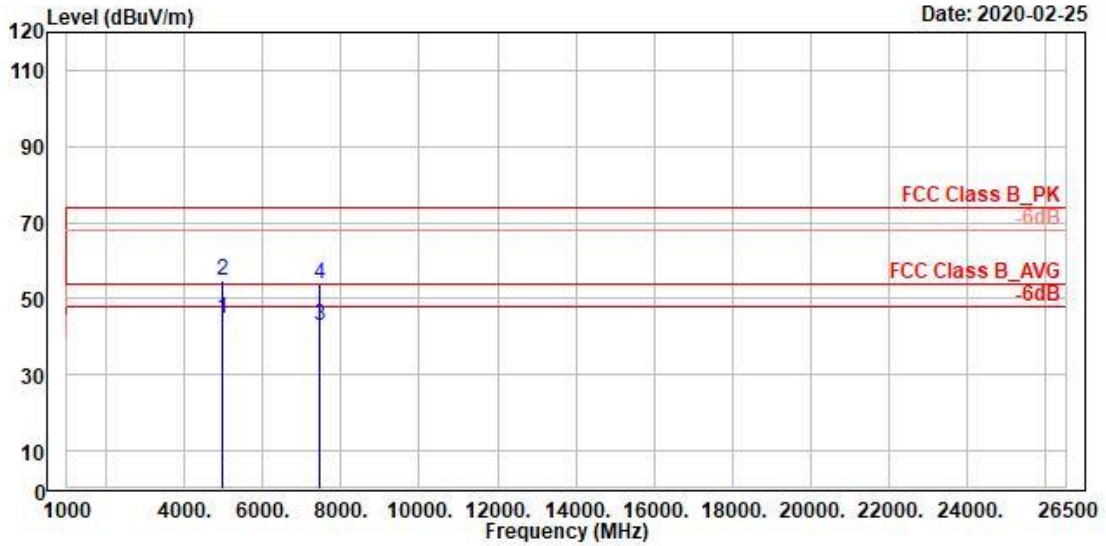
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4880.00	45.94	56.00	-10.06	54.00	-8.06	123	360	Average	horizontal
2	4880.00	56.22	66.28	-10.06	74.00	-17.78	123	360	Peak	horizontal
3	7320.00	42.87	50.65	-7.78	54.00	-11.13	104	269	Average	horizontal
4	7320.00	53.91	61.69	-7.78	74.00	-20.09	104	269	Peak	horizontal



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBUV/m	dBUV	dB/m	dBUV/m	dB	cm	deg		
1	4880.00	46.61	56.67	-10.06	54.00	-7.39	289	215	Average	vertical
2	4880.00	57.21	67.27	-10.06	74.00	-16.79	289	215	Peak	vertical
3	7320.00	46.77	54.55	-7.78	54.00	-7.23	100	115	Average	vertical
4	7320.00	57.74	65.52	-7.78	74.00	-16.26	100	115	Peak	vertical

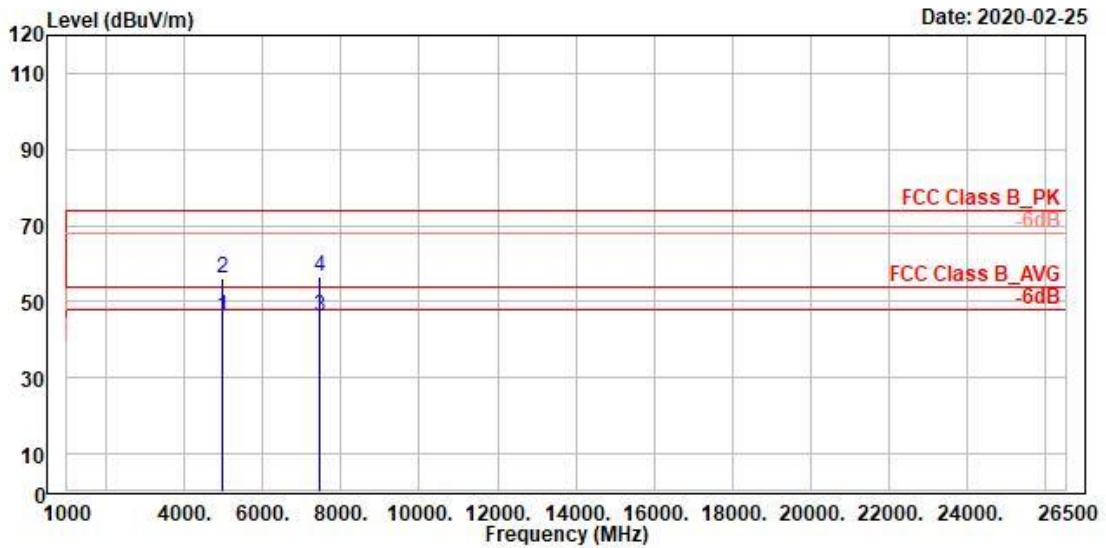


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	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.00	44.75	54.51	-9.76	54.00	-9.25	211	360	Average	horizontal
2	4960.00	54.78	64.54	-9.76	74.00	-19.22	211	360	Peak	horizontal
3	7440.00	42.72	50.44	-7.72	54.00	-11.28	104	70	Average	horizontal
4	7440.00	53.69	61.41	-7.72	74.00	-20.31	104	70	Peak	horizontal





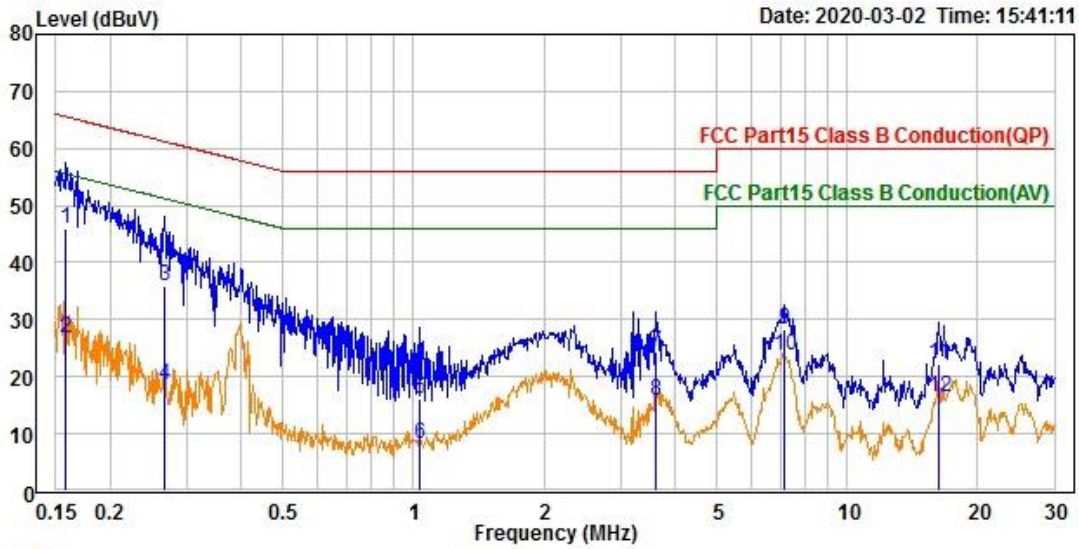
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.00	46.14	55.90	-9.76	54.00	-7.86	297	214	Average	vertical
2	4960.00	56.27	66.03	-9.76	74.00	-17.73	297	214	Peak	vertical
3	7440.00	46.31	54.03	-7.72	54.00	-7.69	100	115	Average	vertical
4	7440.00	56.61	64.33	-7.72	74.00	-17.39	100	115	Peak	vertical

# Spurious Emissions, AC Mains, BLE 1M

2402MHz

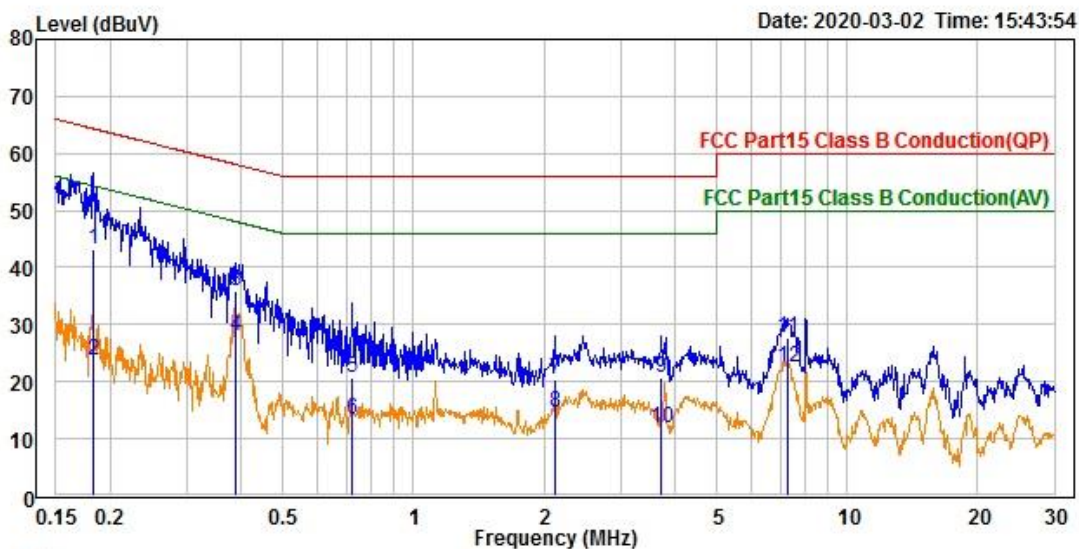


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Trace: 1

	Read Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Note
	MHz	dBuV	dB	dBuV	dBuV	dB		
1	0.158	36.34	9.61	45.95	65.54	-19.59	QP	
2	0.158	17.06	9.61	26.67	55.54	-28.87	Average	
3	0.266	26.23	9.61	35.84	61.24	-25.40	QP	
4	0.266	9.04	9.61	18.65	51.24	-32.59	Average	
5	1.037	6.36	9.62	15.98	56.00	-40.02	QP	
6	1.037	-1.40	9.62	8.22	46.00	-37.78	Average	
7	3.625	14.60	9.67	24.27	56.00	-31.73	QP	
8	3.625	6.30	9.67	15.97	46.00	-30.03	Average	
9	7.140	18.70	9.70	28.40	60.00	-31.60	QP	
10	7.140	13.88	9.70	23.58	50.00	-26.42	Average	
11	16.251	12.29	9.77	22.06	60.00	-37.94	QP	
12	16.251	6.63	9.77	16.40	50.00	-33.60	Average	



Trace: 1

	Read Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Note
	MHz	dBuV	dB	dBuV	dBuV	dB		
1	0.182	33.48	9.62	43.10	64.39	-21.29	QP	
2	0.182	14.10	9.62	23.72	54.39	-30.67	Average	
3	0.391	26.25	9.63	35.88	58.05	-22.17	QP	
4	0.391	18.36	9.63	27.99	48.05	-20.06	Average	
5	0.725	11.18	9.63	20.81	56.00	-35.19	QP	
6	0.725	3.82	9.63	13.45	46.00	-32.55	Average	
7	2.116	10.59	9.65	20.24	56.00	-35.76	QP	
8	2.116	4.91	9.65	14.56	46.00	-31.44	Average	
9	3.735	11.06	9.68	20.74	56.00	-35.26	QP	
10	3.735	2.33	9.68	12.01	46.00	-33.99	Average	
11	7.284	17.88	9.71	27.59	60.00	-32.41	QP	
12	7.284	12.70	9.71	22.41	50.00	-27.59	Average	