

Test Report No.50349168 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50349168 001Appendix D)

Contents

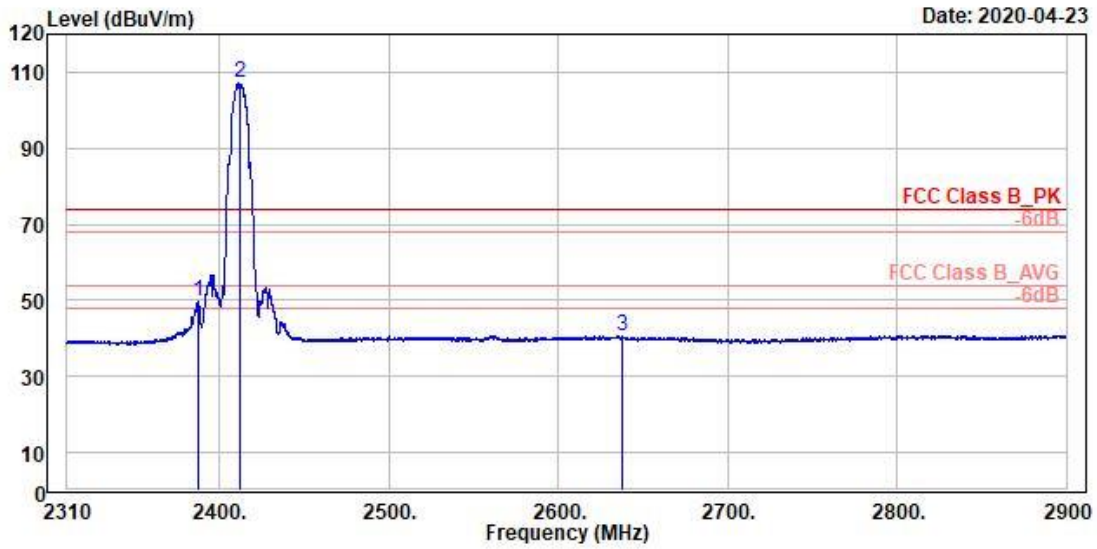
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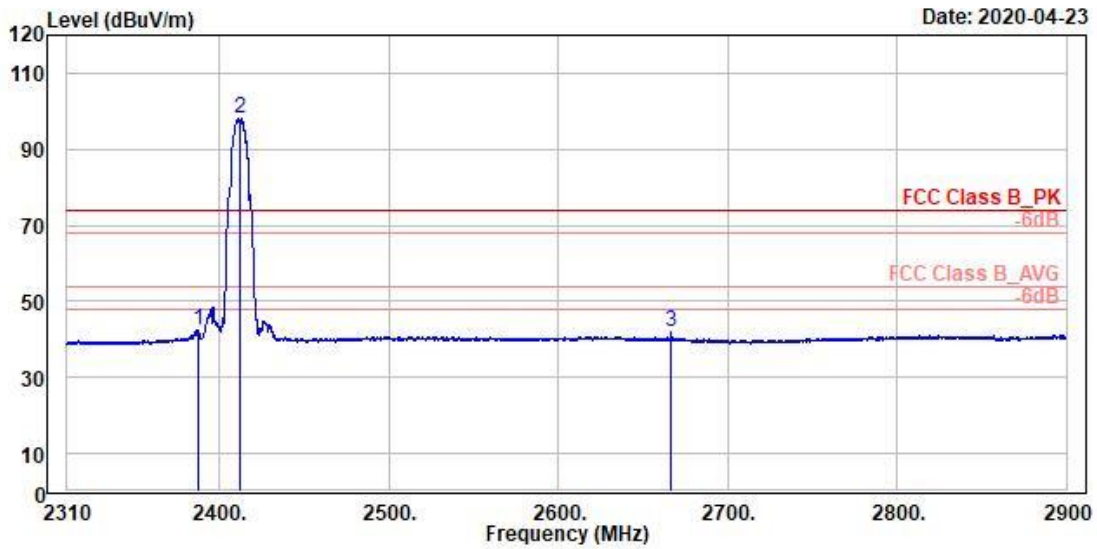
2412MHz, 802.11b



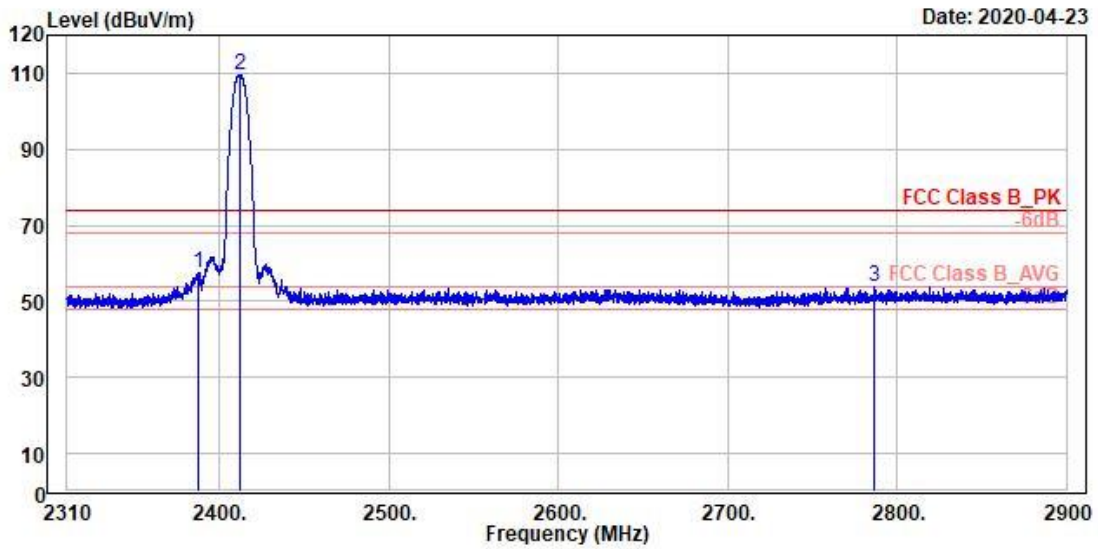
TUV Rheinland Taiwan Ltd.
 No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



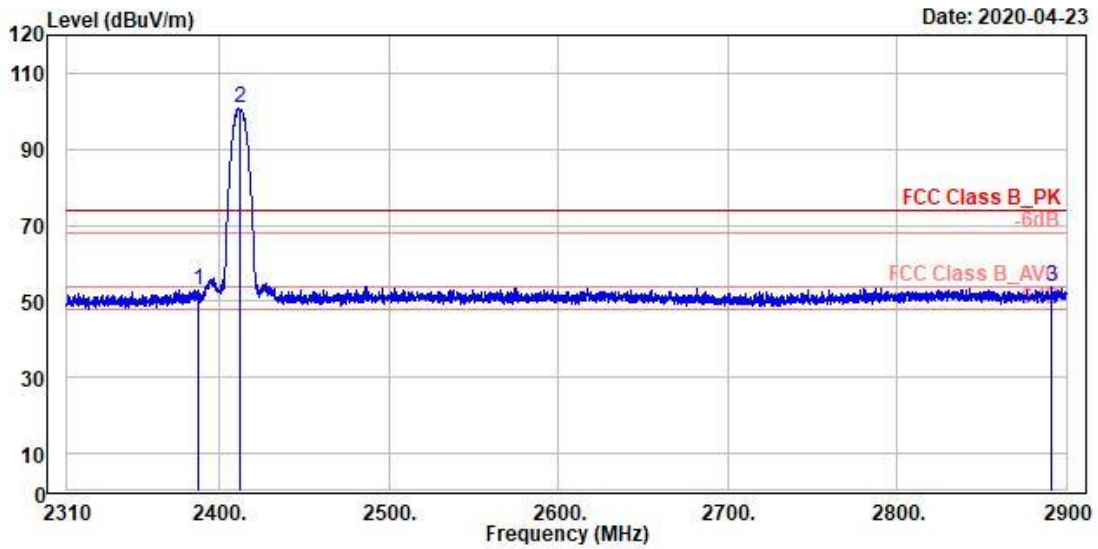
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1 !	2387.29	49.52	12.20	37.32	54.00	-4.48	387	19	Average	Horizontal
2 *	2412.00	107.16	69.76	37.40	54.00	53.16	387	19	Average	Horizontal
3	2637.80	40.82	2.94	37.88	54.00	-13.18	387	19	Average	Horizontal



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
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1	2387.53	42.48	5.15	37.33	54.00	-11.52	305	128	Average	Vertical
2 *	2412.00	98.25	60.85	37.40	54.00	44.25	305	128	Average	Vertical
3	2666.60	42.20	4.37	37.83	54.00	-11.80	305	128	Average	Vertical



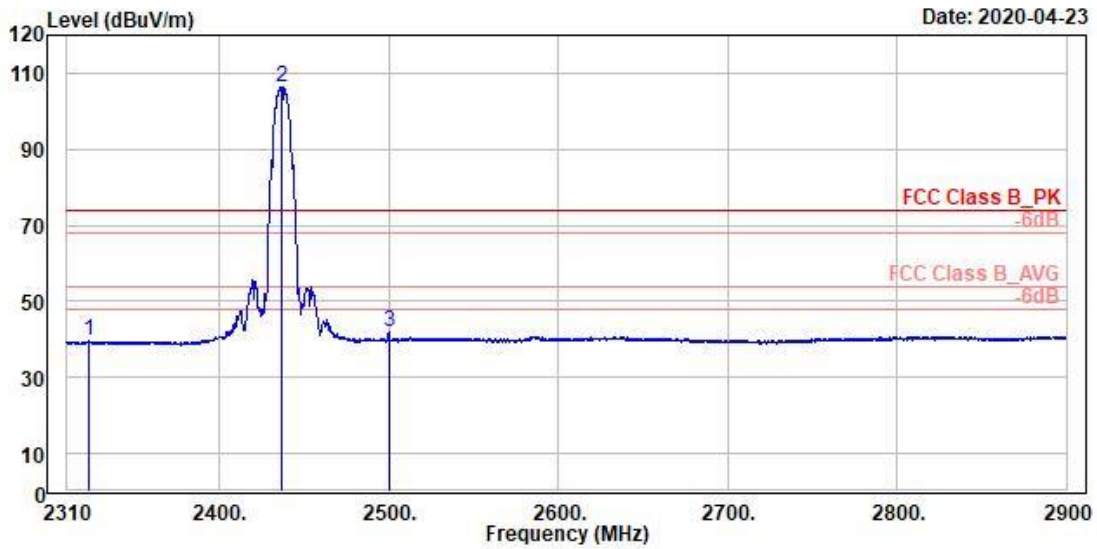
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1	2387.05	57.71	20.39	37.32	74.00	-16.29	387	19	Peak	Horizontal
2 *	2412.00	109.70	72.30	37.40	74.00	35.70	387	19	Peak	Horizontal
3	2786.72	53.98	16.08	37.90	74.00	-20.02	387	19	Peak	Horizontal



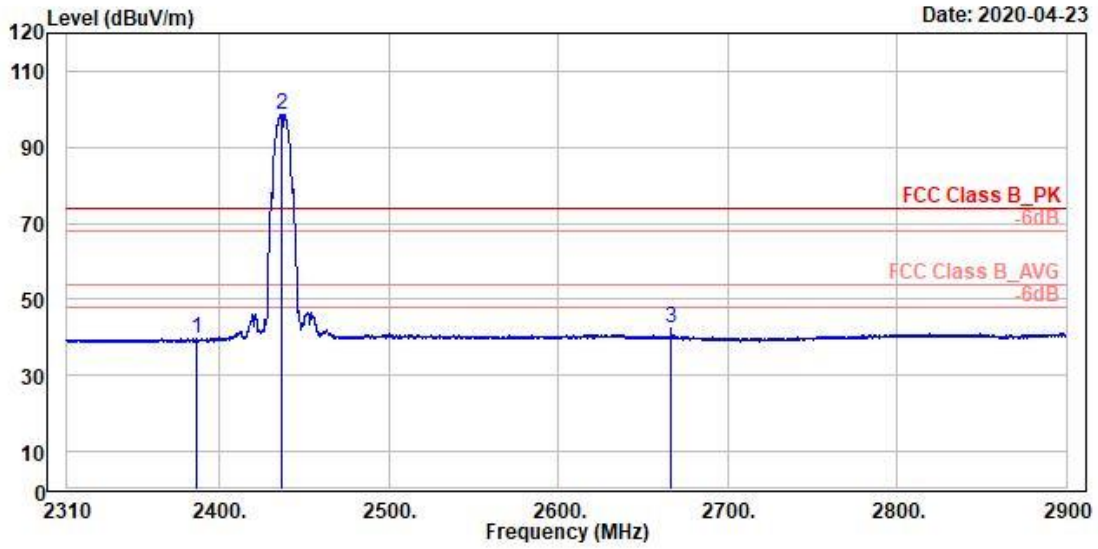
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2 *	2412.00	100.77	63.37	37.40	74.00	26.77	305	128	Peak	Vertical
3	2891.50	53.91	15.63	38.28	74.00	-20.09	305	128	Peak	Vertical



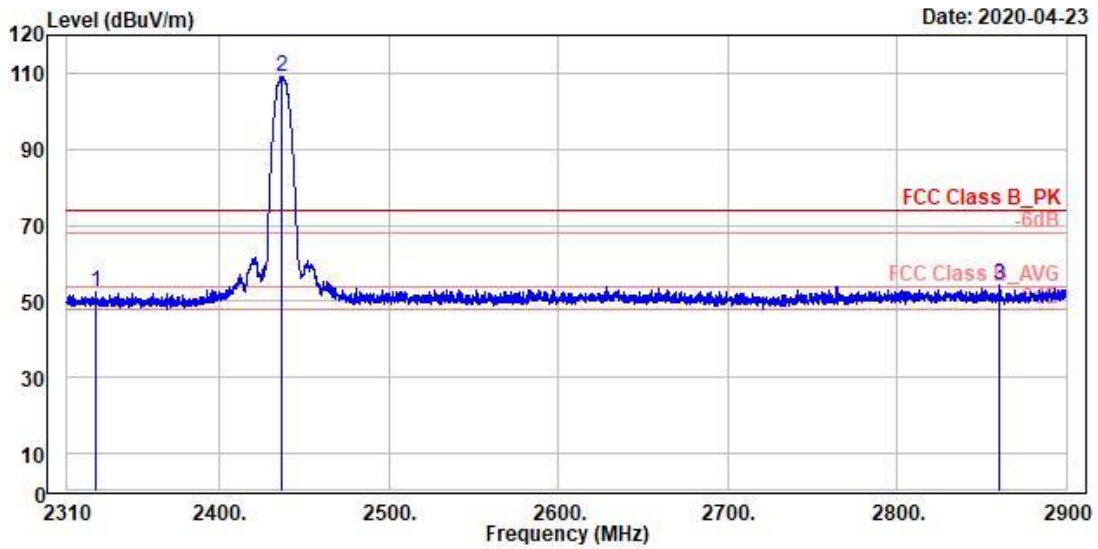
TUV Rheinland Taiwan Ltd.
 No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



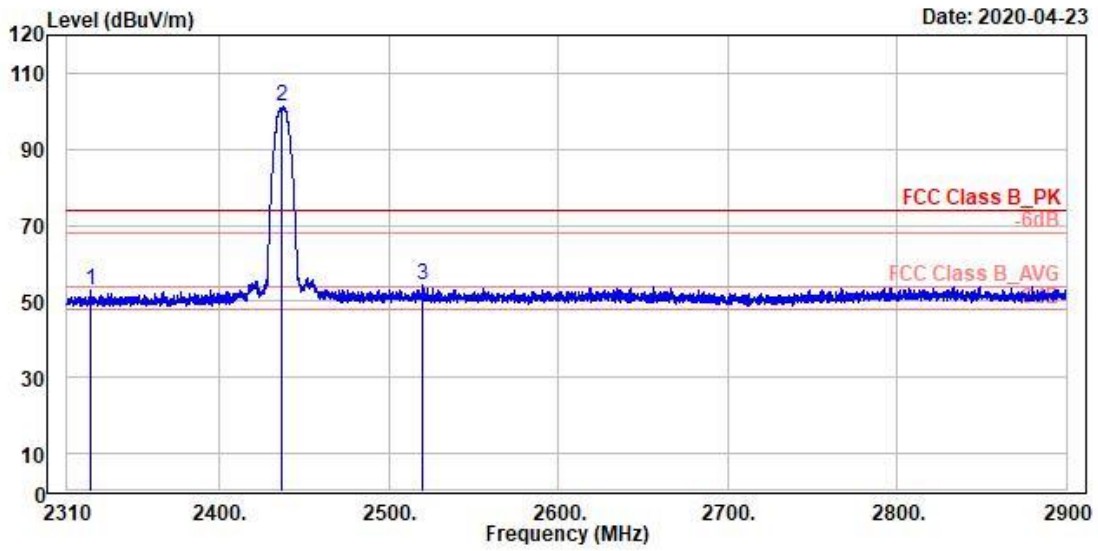
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2 *	2437.00	106.50	69.02	37.48	54.00	52.50	375	24	Average	Horizontal
3	2499.98	41.79	4.21	37.58	54.00	-12.21	375	24	Average	Horizontal



	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	2386.94	39.72	2.40	37.32	54.00	-14.28	291	128	Average	Vertical
2 *	2437.00	98.74	61.26	37.48	54.00	44.74	291	128	Average	Vertical
3	2666.71	42.30	4.47	37.83	54.00	-11.70	291	128	Average	Vertical



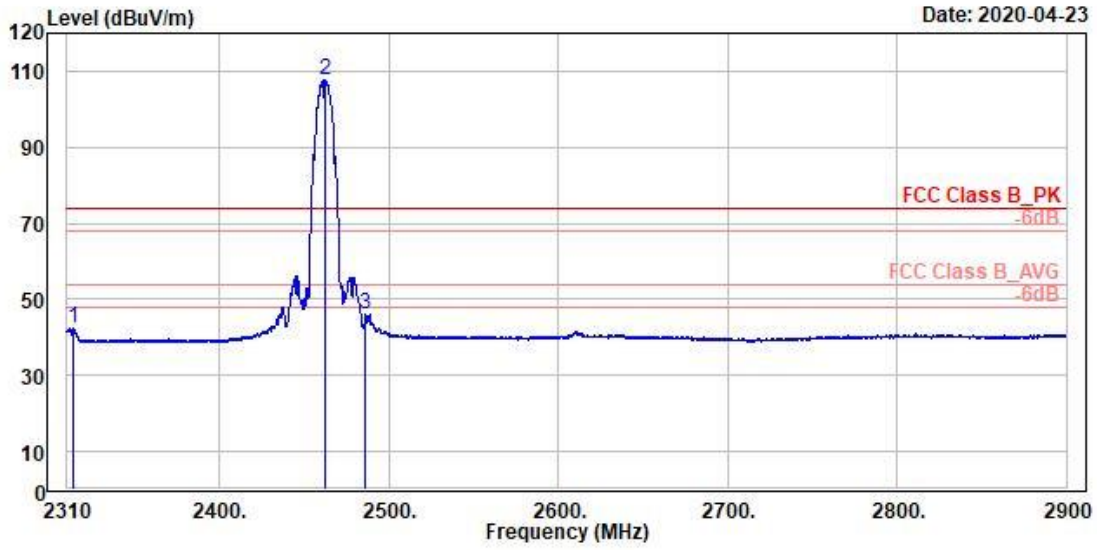
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1	2327.23	52.26	15.13	37.13	74.00	-21.74	375	24	Peak	Horizontal
2 *	2437.00	108.96	71.48	37.48	74.00	34.96	375	24	Peak	Horizontal
3	2860.71	54.36	16.24	38.12	74.00	-19.64	375	24	Peak	Horizontal



	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	2324.16	53.01	15.88	37.13	74.00	-20.99	291	128	Peak	Vertical
2 *	2437.00	101.23	63.75	37.48	74.00	27.23	291	128	Peak	Vertical
3	2520.16	54.24	16.56	37.68	74.00	-19.76	291	128	Peak	Vertical

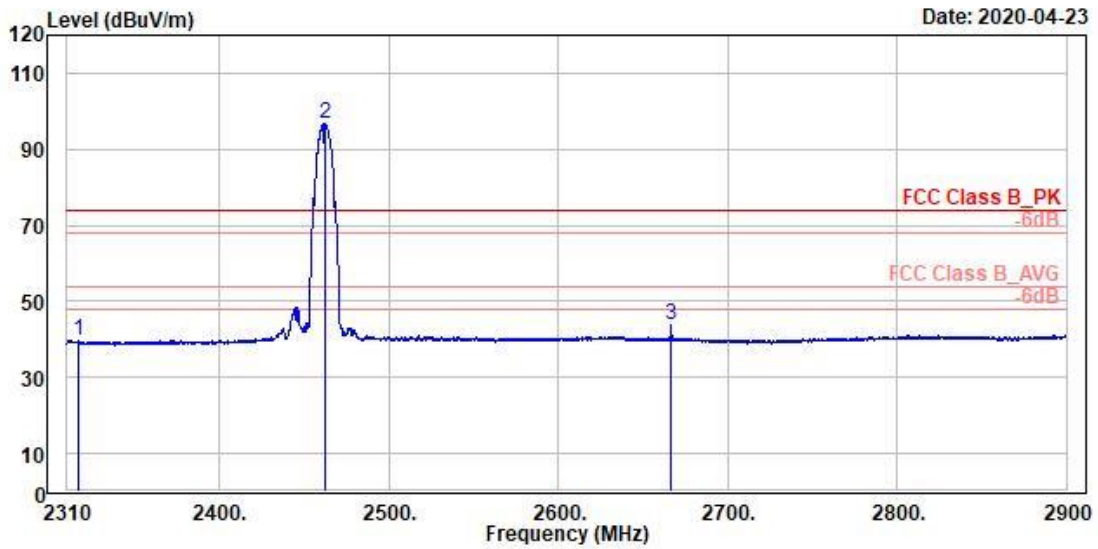


TUV Rheinland Taiwan Ltd.
 No. 458-18, Sec 2, Fenhiao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322

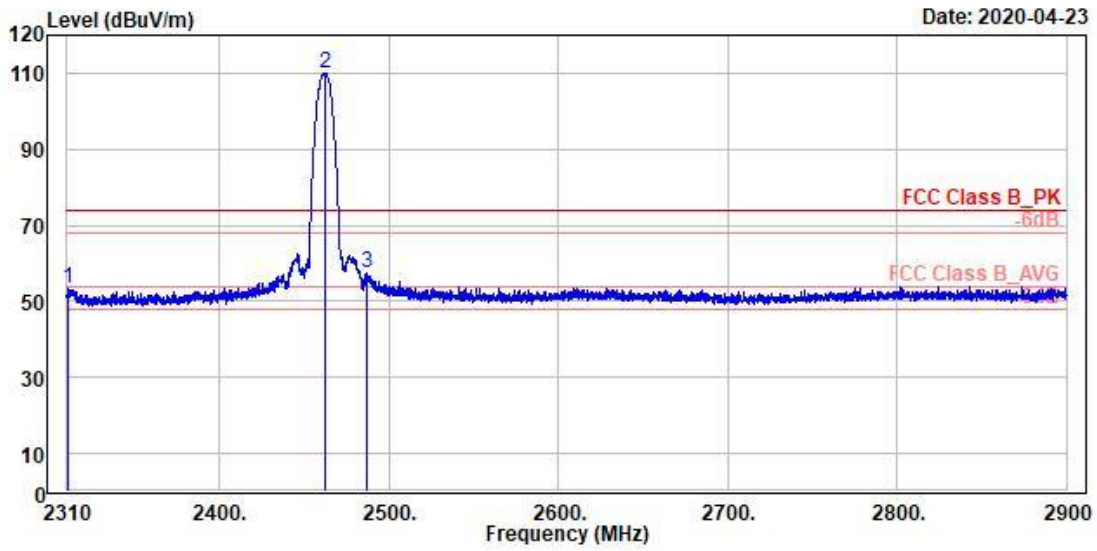


Date: 2020-04-23

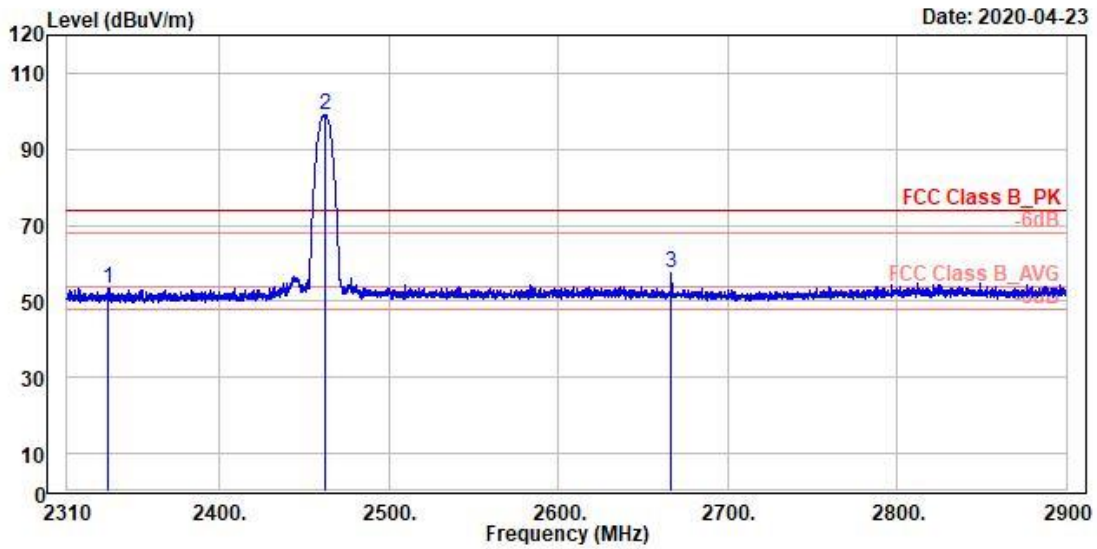
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1	2313.19	42.27	5.18	37.09	54.00	-11.73	329	10	Average	Horizontal
2 *	2462.00	107.66	70.12	37.54	54.00	53.66	329	10	Average	Horizontal
3	2486.41	46.13	8.57	37.56	54.00	-7.87	329	10	Average	Horizontal



	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	2316.49	39.75	2.65	37.10	54.00	-14.25	292	127	Average	Vertical
2 *	2462.00	96.62	59.08	37.54	54.00	42.62	292	127	Average	Vertical
3	2666.60	43.69	5.86	37.83	54.00	-10.31	292	127	Average	Vertical



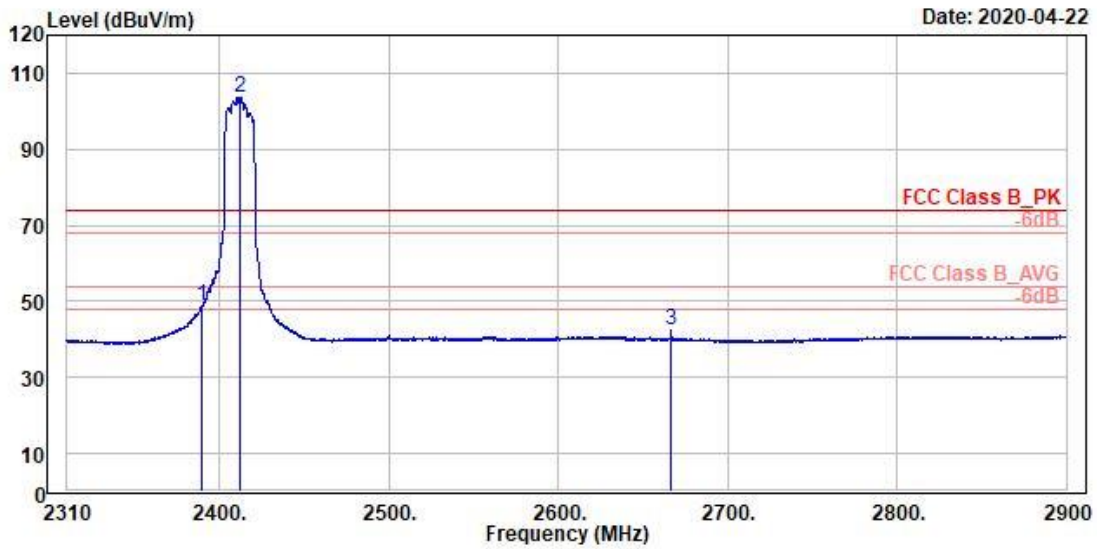
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1	2310.59	53.39	16.31	37.08	74.00	-20.61	329	10	Peak	Horizontal
2 *	2462.00	110.12	72.58	37.54	74.00	36.12	329	10	Peak	Horizontal
3	2486.65	57.37	19.81	37.56	74.00	-16.63	329	10	Peak	Horizontal



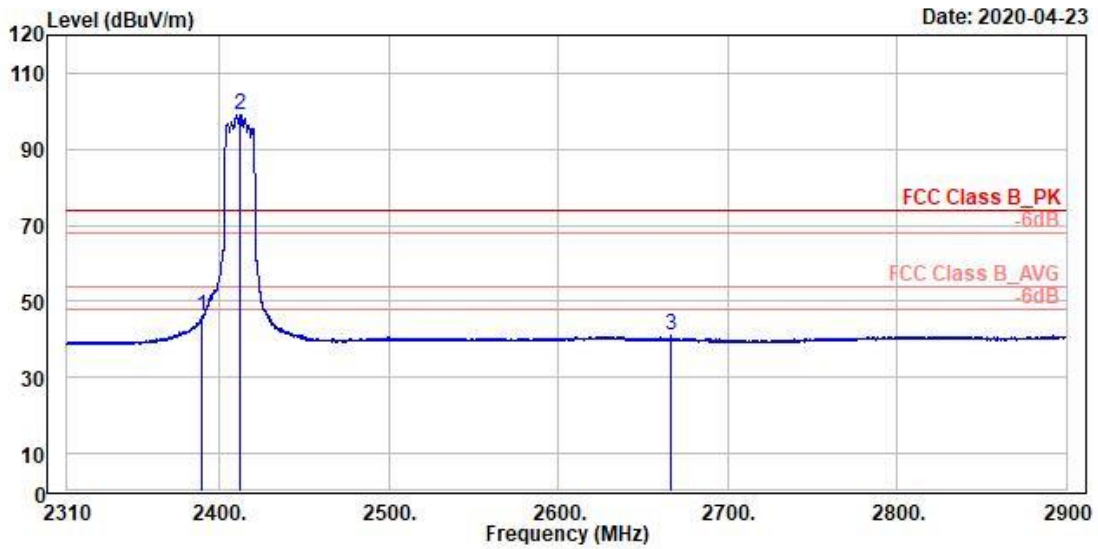
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1	2334.54	53.28	16.12	37.16	74.00	-20.72	292	127	Peak	Vertical
2 *	2462.00	99.14	61.60	37.54	74.00	25.14	292	127	Peak	Vertical
3	2666.95	57.60	19.77	37.83	74.00	-16.40	292	127	Peak	Vertical



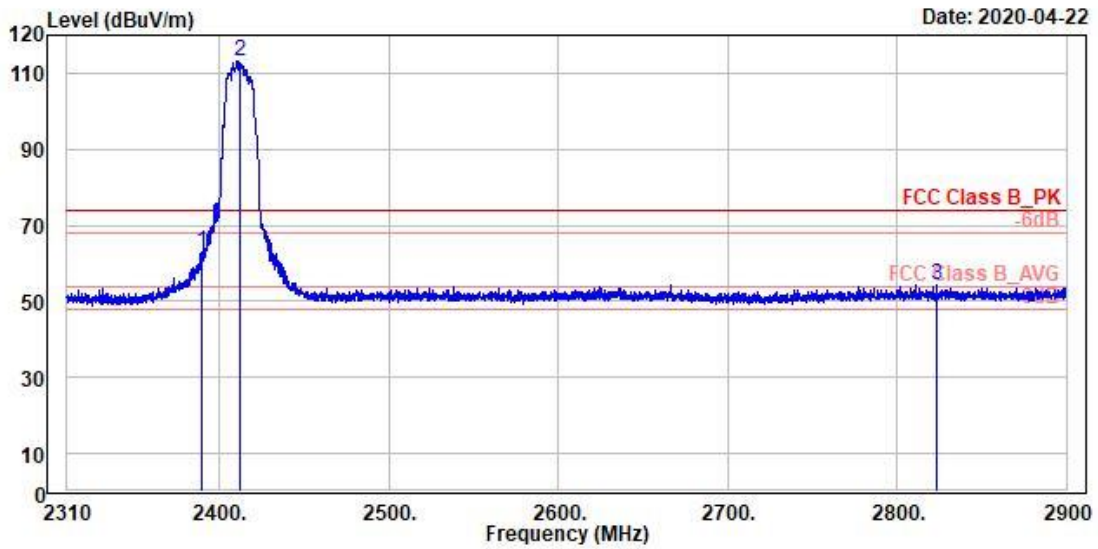
TUV Rheinland Taiwan Ltd.
 No. 458-18, Sec 2, Fenhiao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



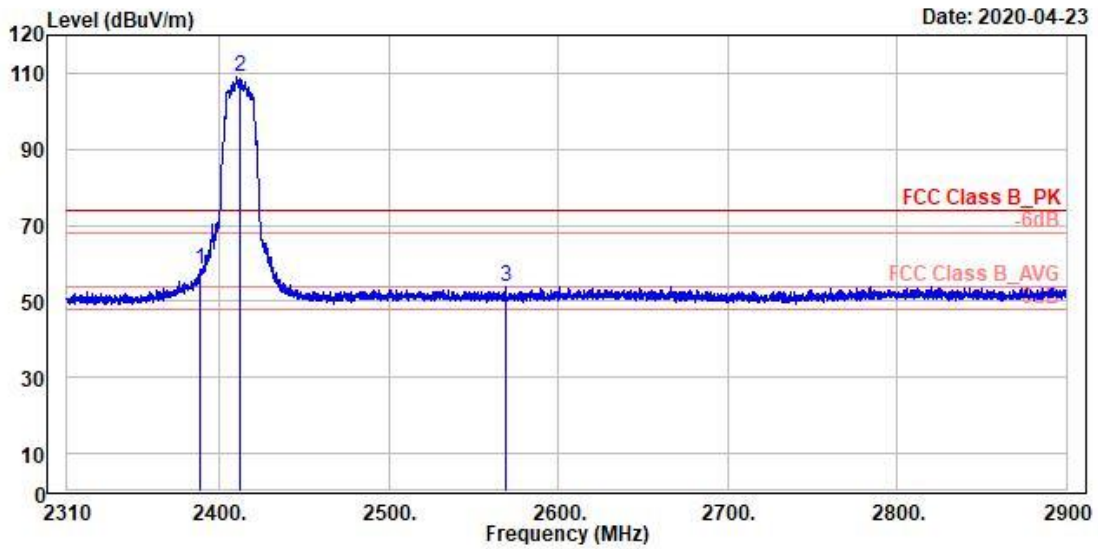
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1 !	2390.00	48.78	11.45	37.33	54.00	-5.22	386	345	Average	Horizontal
2 *	2412.00	103.80	66.40	37.40	54.00	49.80	386	360	Average	Horizontal
3	2666.60	42.65	4.82	37.83	54.00	-11.35	386	360	Average	Horizontal



	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	2389.77	46.09	8.76	37.33	54.00	-7.91	335	247	Average	Vertical
2 *	2412.00	99.15	61.75	37.40	54.00	45.15	339	266	Average	Vertical
3	2666.71	41.15	3.32	37.83	54.00	-12.85	339	266	Average	Vertical



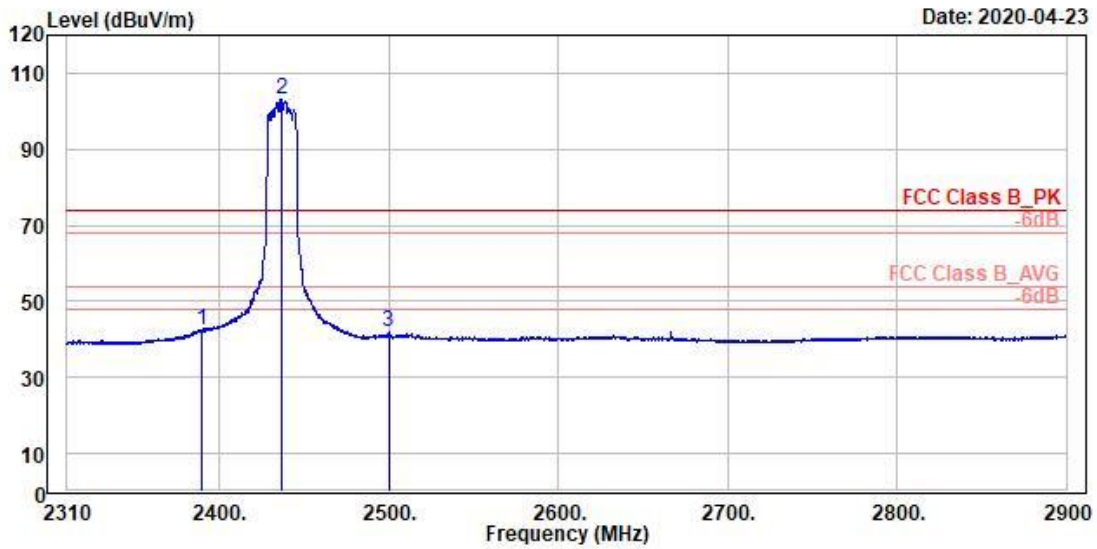
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1	2389.77	62.97	25.64	37.33	74.00	-11.03	386	345	Peak	Horizontal
2 *	2412.00	113.30	75.90	37.40	74.00	39.30	386	360	Peak	Horizontal
3	2823.54	54.16	16.17	37.99	74.00	-19.84	386	360	Peak	Horizontal



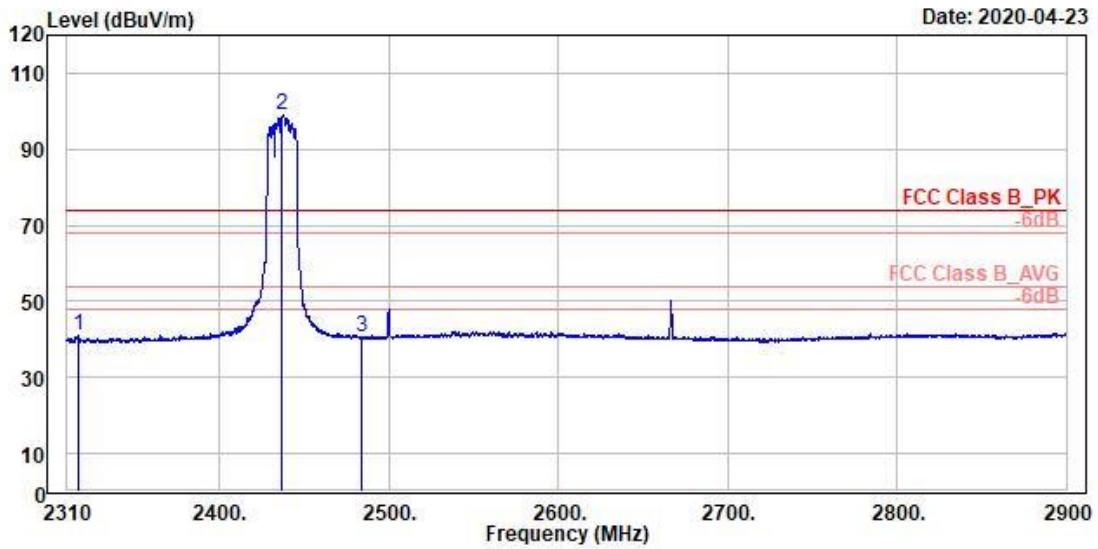
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1	2388.82	58.60	21.27	37.33	74.00	-15.40	335	247	Peak	Vertical
2 *	2412.00	108.83	71.43	37.40	74.00	34.83	339	266	Peak	Vertical
3	2569.13	53.72	15.82	37.90	74.00	-20.28	339	266	Peak	Vertical



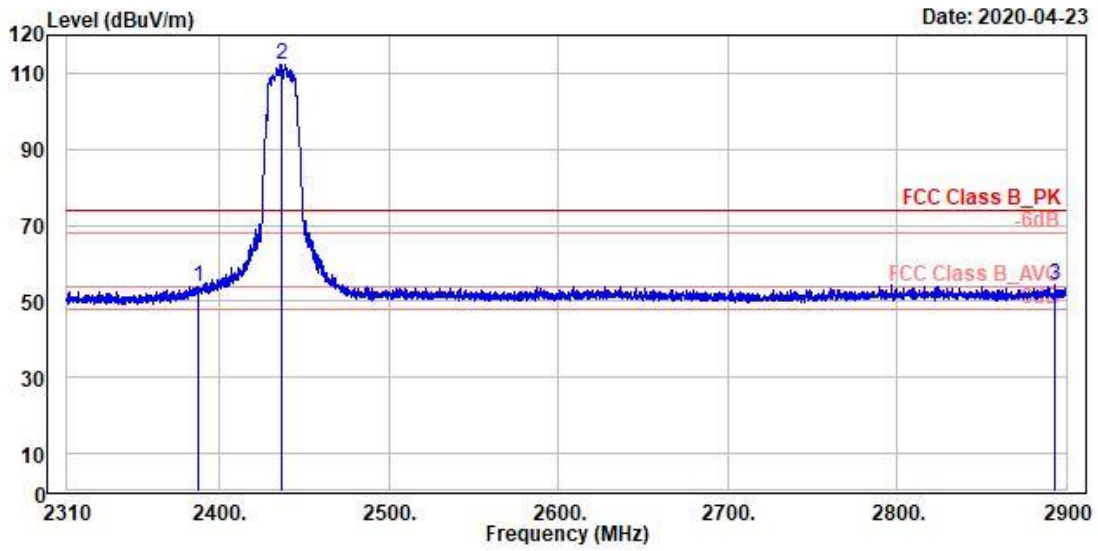
TUV Rheinland Taiwan Ltd.
 No. 458-18, Sec 2, Fenhiao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



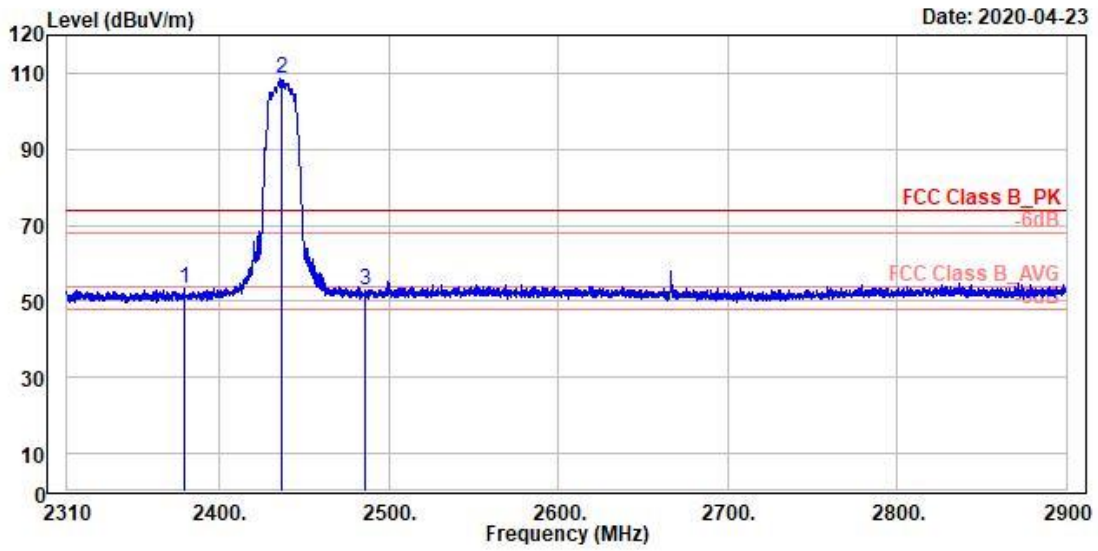
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1	2389.89	42.57	5.24	37.33	54.00	-11.43	389	351	Average	Horizontal
2 *	2437.00	103.20	65.72	37.48	54.00	49.20	375	332	Average	Horizontal
3	2499.86	42.15	4.57	37.58	54.00	-11.85	375	332	Average	Horizontal



	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	2316.61	40.88	3.78	37.10	54.00	-13.12	307	95	Average	Vertical
2 *	2437.00	99.16	61.68	37.48	54.00	45.16	292	263	Average	Vertical
3	2483.81	40.76	3.20	37.56	54.00	-13.24	292	263	Average	Vertical



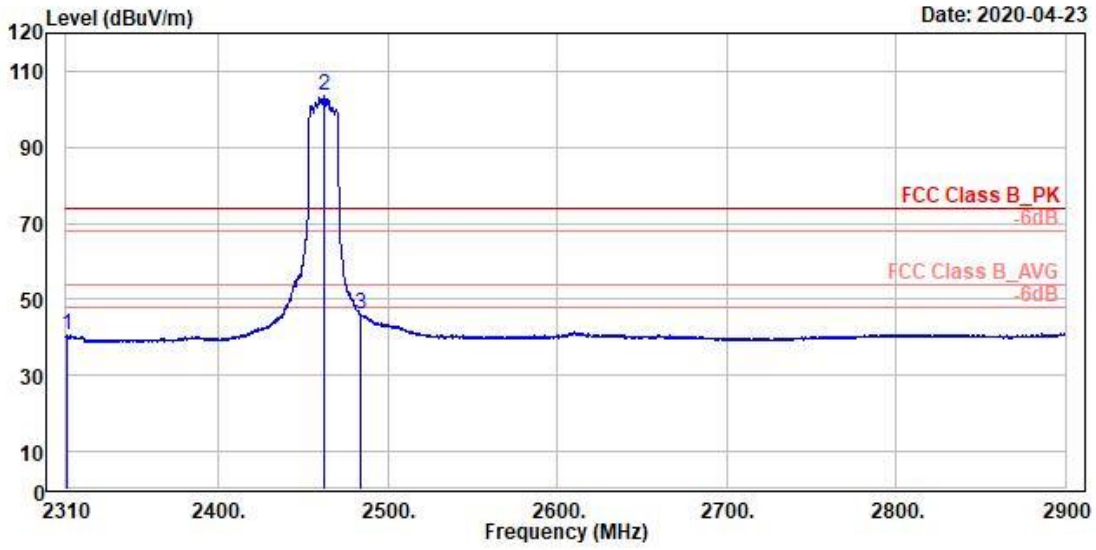
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1	2387.53	53.85	16.52	37.33	74.00	-20.15	389	351	Peak	Horizontal
2 *	2437.00	112.25	74.77	37.48	74.00	38.25	375	332	Peak	Horizontal
3	2893.51	54.26	15.98	38.28	74.00	-19.74	375	332	Peak	Horizontal



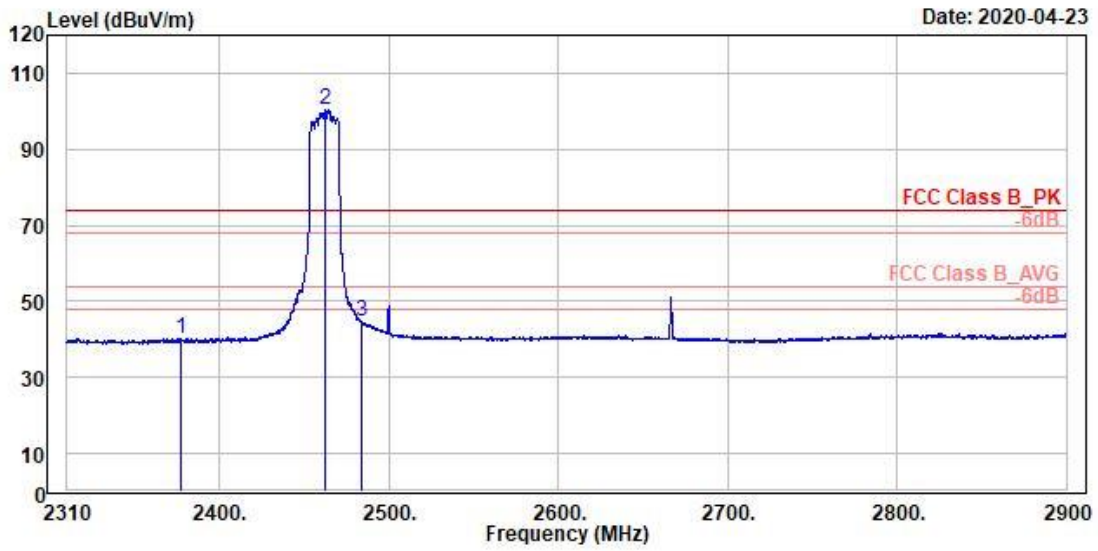
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1	2379.38	53.21	15.91	37.30	74.00	-20.79	307	95	Peak	Vertical
2 *	2437.00	108.54	71.06	37.48	74.00	34.54	292	263	Peak	Vertical
3	2486.41	53.09	15.53	37.56	74.00	-20.91	292	263	Peak	Vertical



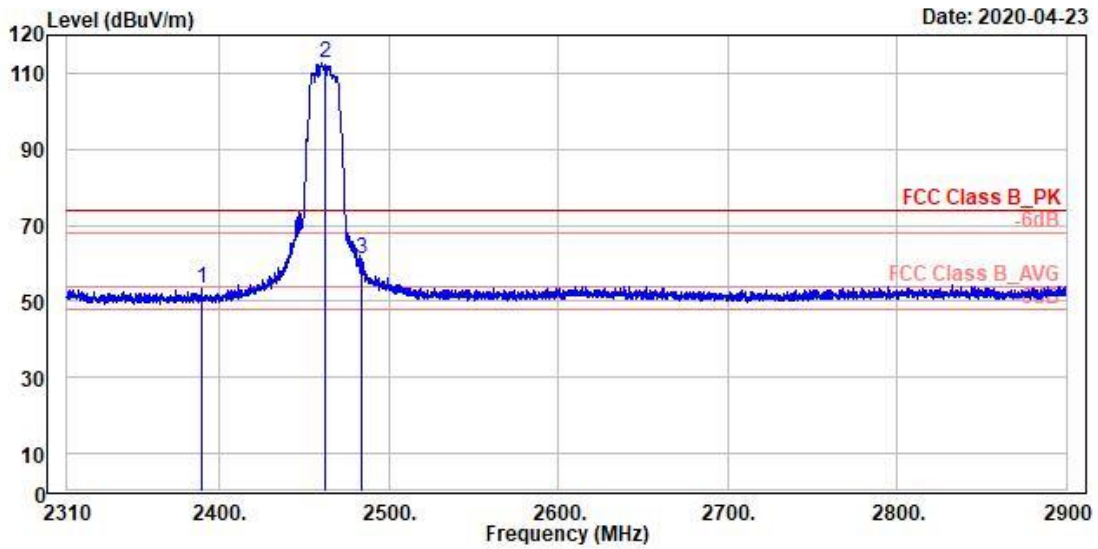
TUV Rheinland Taiwan Ltd.
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 Tel:+886-2172-1000 Fax:+886-2172-1322



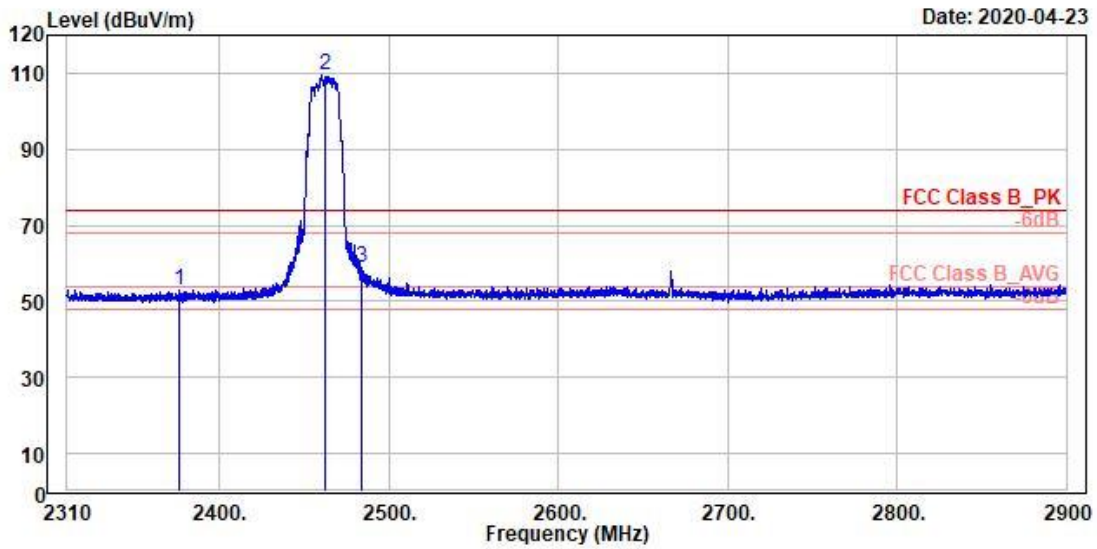
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1	2310.12	40.41	3.33	37.08	54.00	-13.59	320	8	Average	Horizontal
2 *	2462.00	103.49	65.95	37.54	54.00	49.49	328	8	Average	Horizontal
3	2483.70	46.26	8.70	37.56	54.00	-7.74	320	8	Average	Horizontal



	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	2377.02	40.11	2.82	37.29	74.00	-33.89	400	252	Peak	Vertical
2 *	2462.00	100.52	62.98	37.54	74.00	26.52	400	252	Peak	Vertical
3	2483.70	44.79	7.23	37.56	74.00	-29.21	400	40	Peak	Vertical



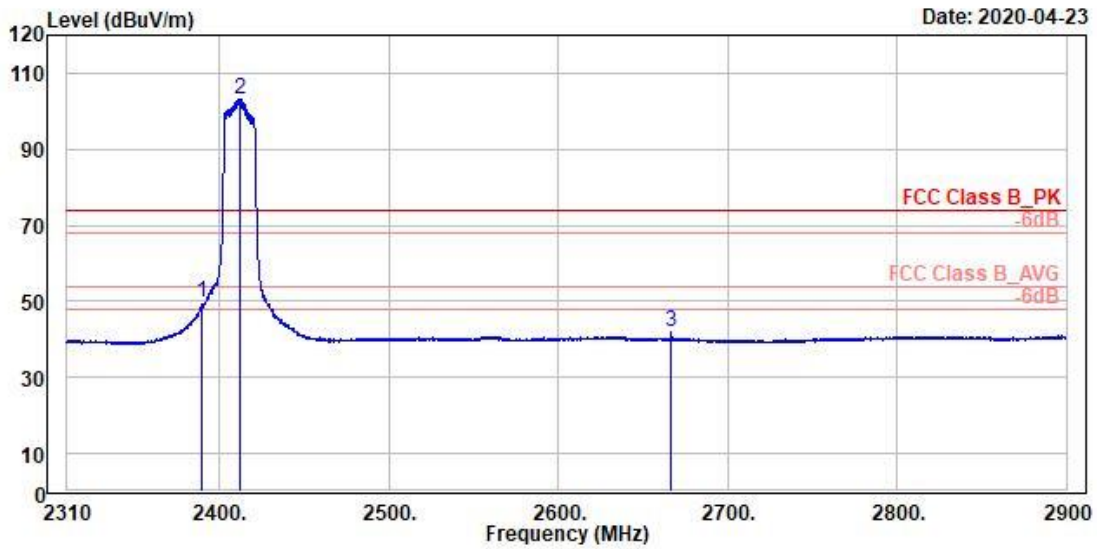
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1	2389.18	53.23	15.90	37.33	74.00	-20.77	328	8	Peak	Horizontal
2 *	2462.00	112.71	75.17	37.54	74.00	38.71	328	8	Peak	Horizontal
3	2483.93	60.99	23.43	37.56	74.00	-13.01	320	8	Peak	Horizontal



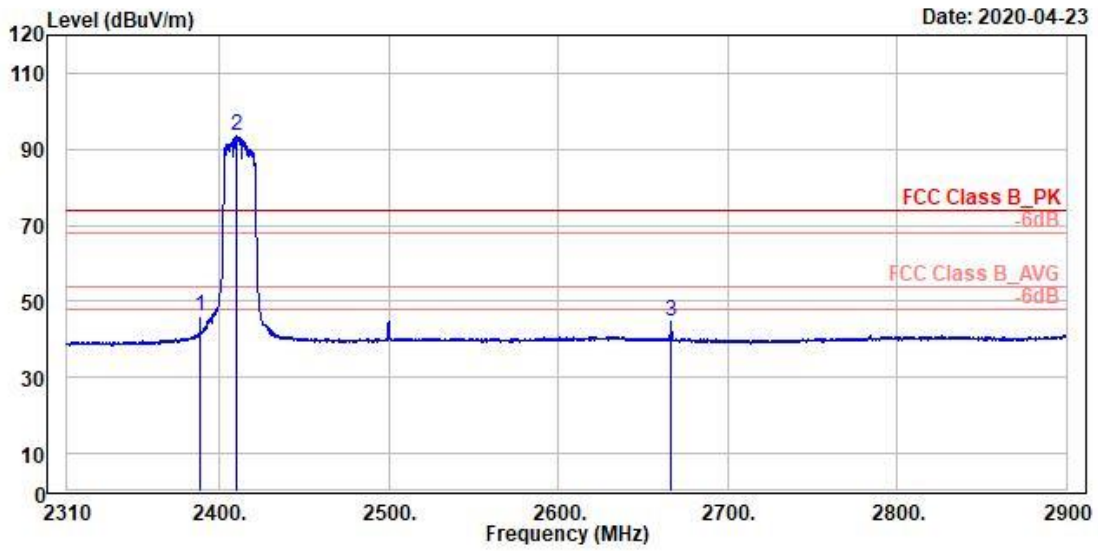
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1	2376.32	53.01	15.72	37.29	74.00	-20.99	400	252	Peak	Vertical
2 *	2462.00	109.36	71.82	37.54	74.00	35.36	400	252	Peak	Vertical
3	2484.05	58.87	21.31	37.56	74.00	-15.13	400	40	Peak	Vertical



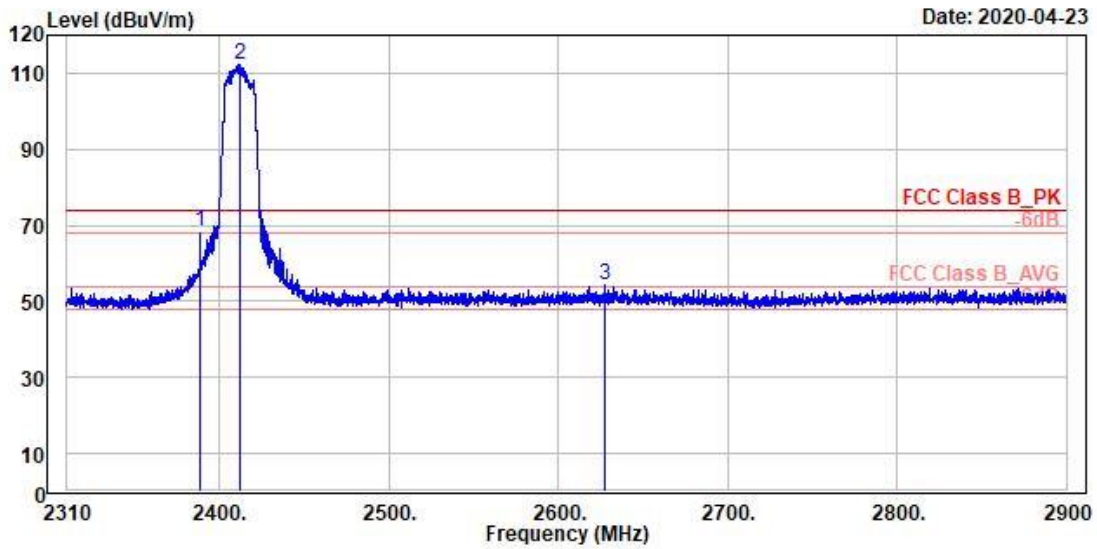
TUV Rheinland Taiwan Ltd.
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 Tel:+886-2172-1000 Fax:+886-2172-1322



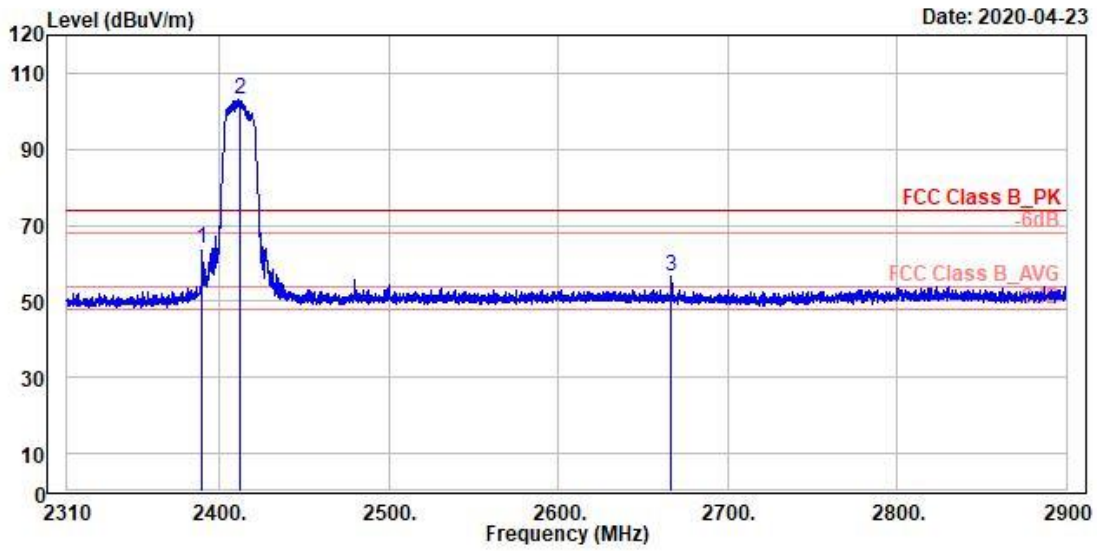
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	2389.77	49.64	12.31	37.33	54.00	-4.36	385	360	Average	Horizontal
2 *	2412.00	103.13	65.73	37.40	54.00	49.13	385	360	Average	Horizontal
3	2666.83	41.98	4.15	37.83	54.00	-12.02	385	360	Average	Horizontal



	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	2389.00	46.04	8.71	37.33	54.00	-7.96	391	45	Average	Vertical
2 *	2410.42	93.38	55.98	37.40	54.00	39.38	334	183	Average	Vertical
3	2666.71	44.93	7.10	37.83	54.00	-9.07	334	183	Average	Vertical



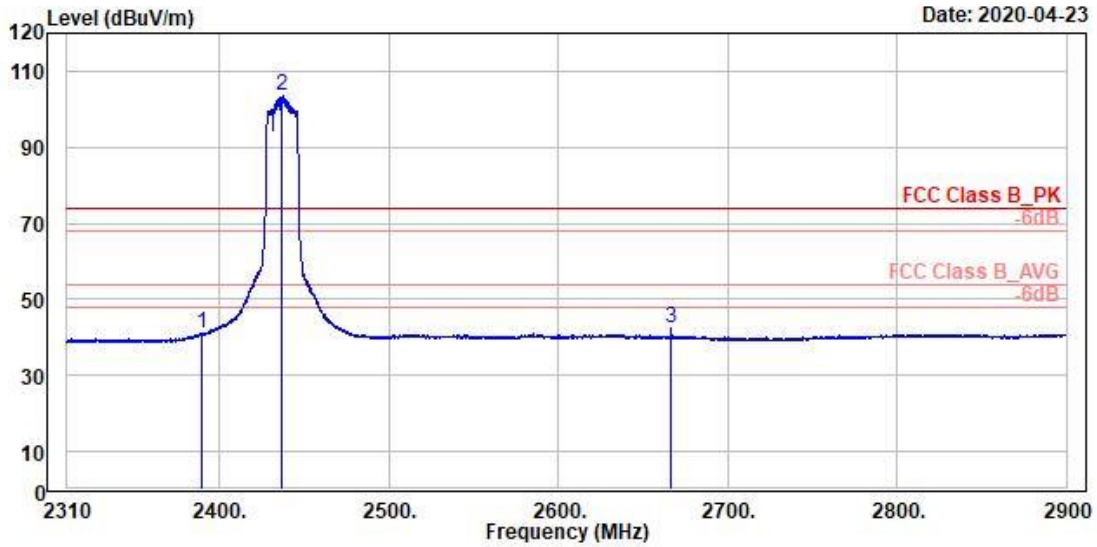
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	2388.47	68.42	31.09	37.33	74.00	-5.58	385	360	Peak	Horizontal
2 *	2412.00	112.34	74.94	37.40	74.00	38.34	385	360	Peak	Horizontal
3	2627.18	54.09	16.18	37.91	74.00	-19.91	385	360	Peak	Horizontal



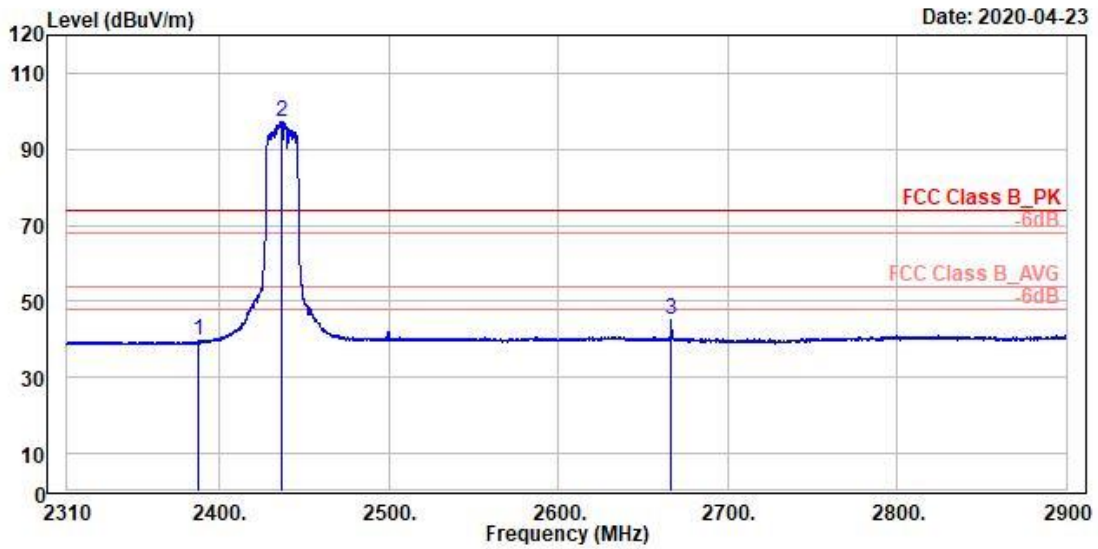
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.53	63.72	26.39	37.33	74.00	-10.28	391	45	Peak	Vertical
2 *	2412.00	103.25	65.85	37.40	74.00	29.25	334	183	Peak	Vertical
3	2666.60	56.60	18.77	37.83	74.00	-17.40	334	183	Peak	Vertical



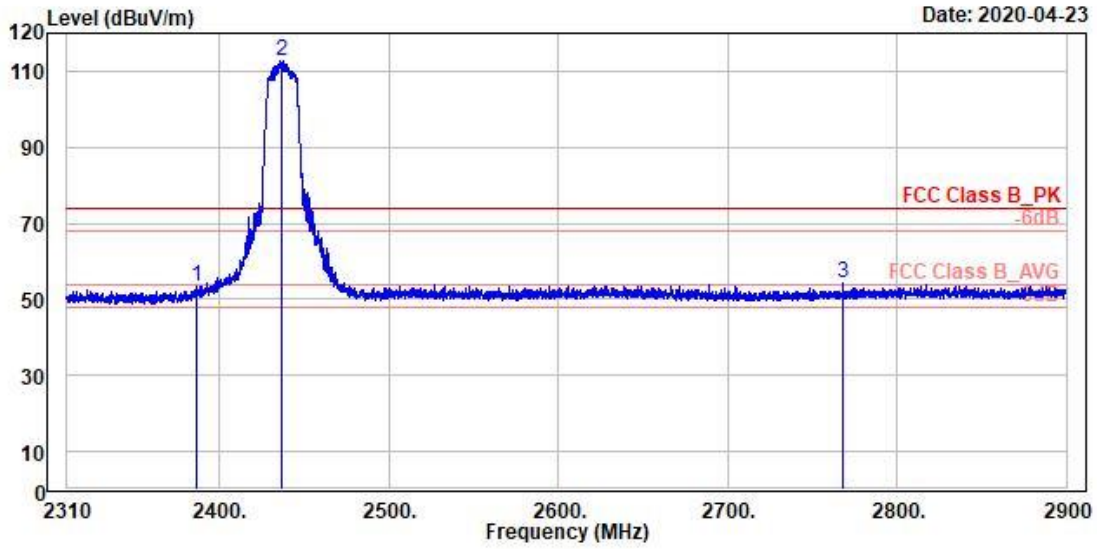
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 No. 458-18, Sec 2, Fenhiao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



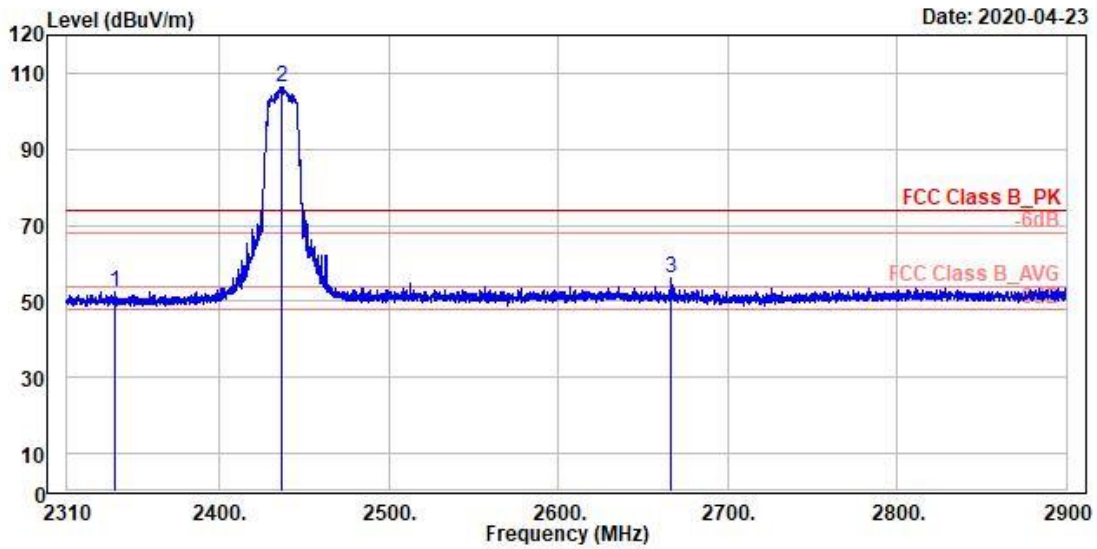
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.41	41.10	3.77	37.33	54.00	-12.90	377	335	Average	Horizontal
2 *	2437.00	103.48	66.00	37.48	54.00	49.48	377	335	Average	Horizontal
3	2666.60	42.27	4.44	37.83	54.00	-11.73	377	335	Average	Horizontal



	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	2387.41	39.63	2.31	37.32	54.00	-14.37	291	56	Average	Vertical
2 *	2437.00	97.28	59.80	37.48	54.00	43.28	291	56	Average	Vertical
3	2666.83	45.33	7.50	37.83	54.00	-8.67	291	56	Average	Vertical



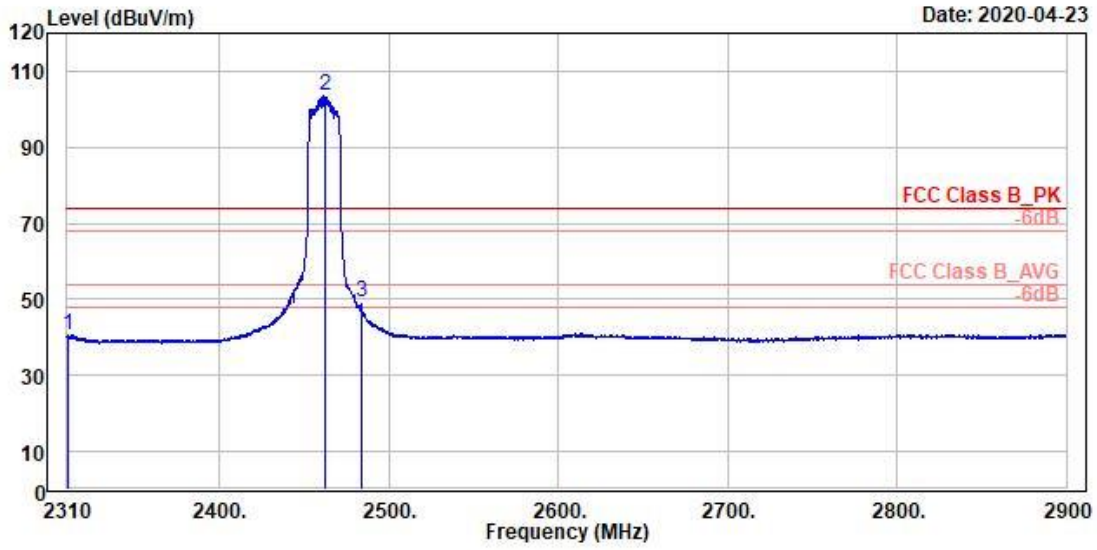
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1	2385.99	53.27	15.95	37.32	74.00	-20.73	377	335	Peak	Horizontal
2 *	2437.00	112.79	75.31	37.48	74.00	38.79	377	335	Peak	Horizontal
3	2768.43	54.34	16.46	37.88	74.00	-19.66	377	335	Peak	Horizontal



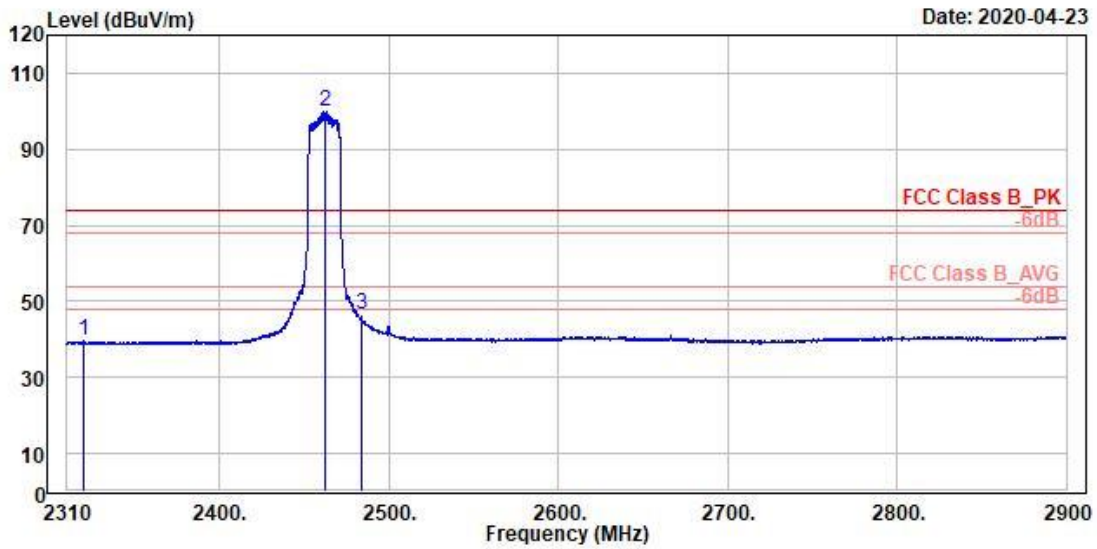
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1	2338.67	52.63	15.46	37.17	74.00	-21.37	291	56	Peak	Vertical
2 *	2437.00	106.42	68.94	37.48	74.00	32.42	291	56	Peak	Vertical
3	2666.95	56.30	18.47	37.83	74.00	-17.70	291	56	Peak	Vertical



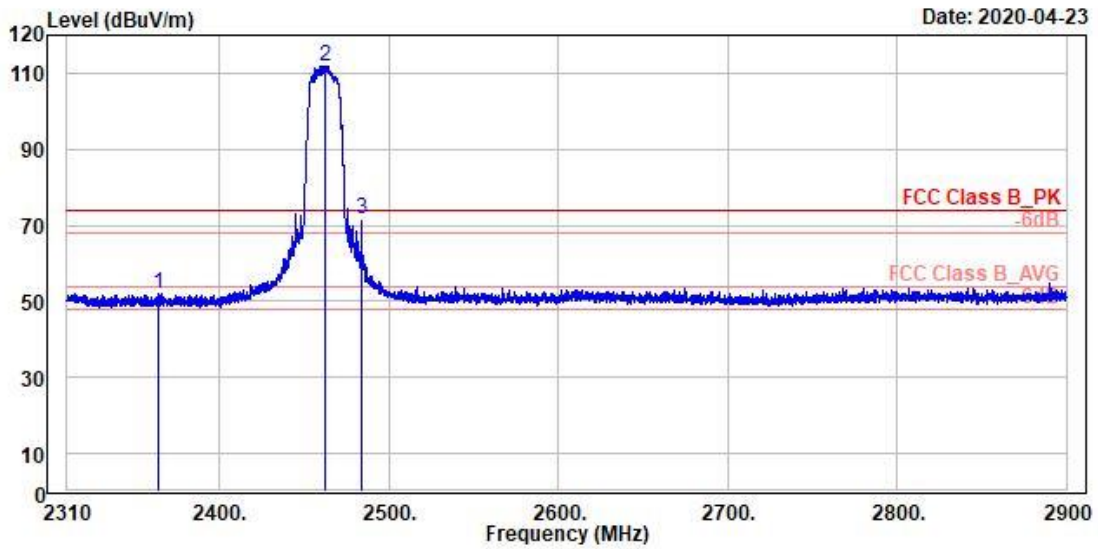
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 Tel:+886-2172-1000 Fax:+886-2172-1322



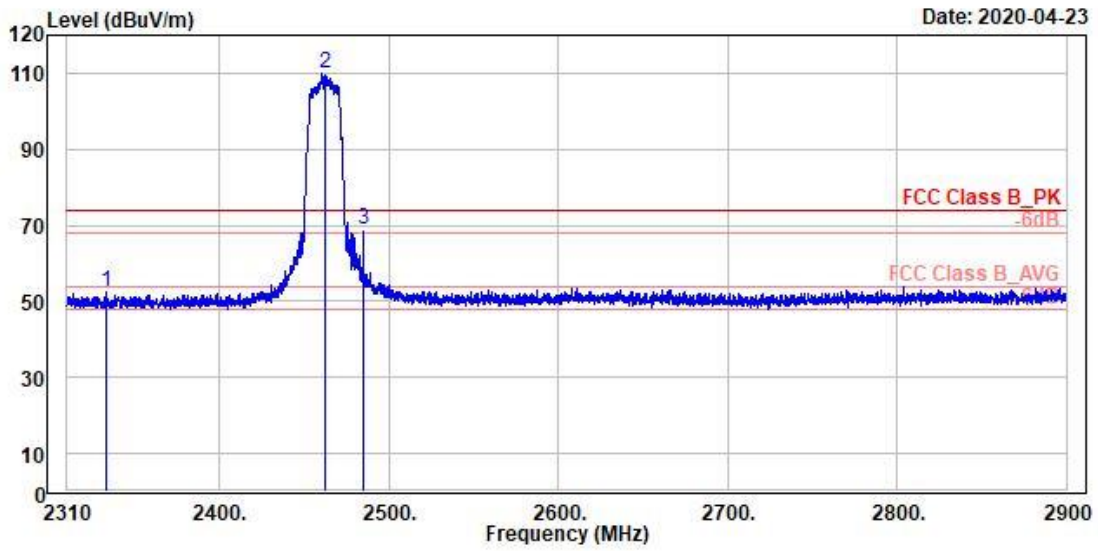
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1	2310.94	40.42	3.34	37.08	54.00	-13.58	329	9	Average	Horizontal
2 *	2462.00	103.58	66.04	37.54	54.00	49.58	329	9	Average	Horizontal
3 !	2483.50	49.27	11.71	37.56	54.00	-4.73	316	11	Average	Horizontal



	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	2319.91	39.55	2.44	37.11	54.00	-14.45	400	254	Average	Vertical
2 *	2462.00	100.03	62.49	37.54	54.00	46.03	400	254	Average	Vertical
3	2483.58	46.34	8.78	37.56	54.00	-7.66	397	246	Average	Vertical



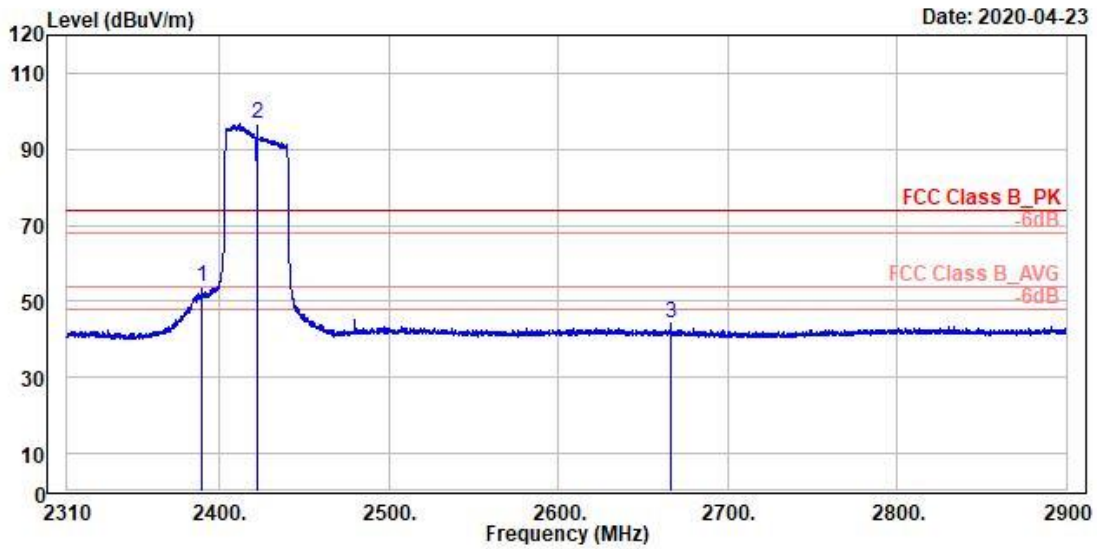
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1	2364.16	52.15	14.90	37.25	74.00	-21.85	329	9	Peak	Horizontal
2 *	2462.00	111.97	74.43	37.54	74.00	37.97	329	9	Peak	Horizontal
3 !	2483.50	71.61	34.05	37.56	74.00	-2.39	316	11	Peak	Horizontal



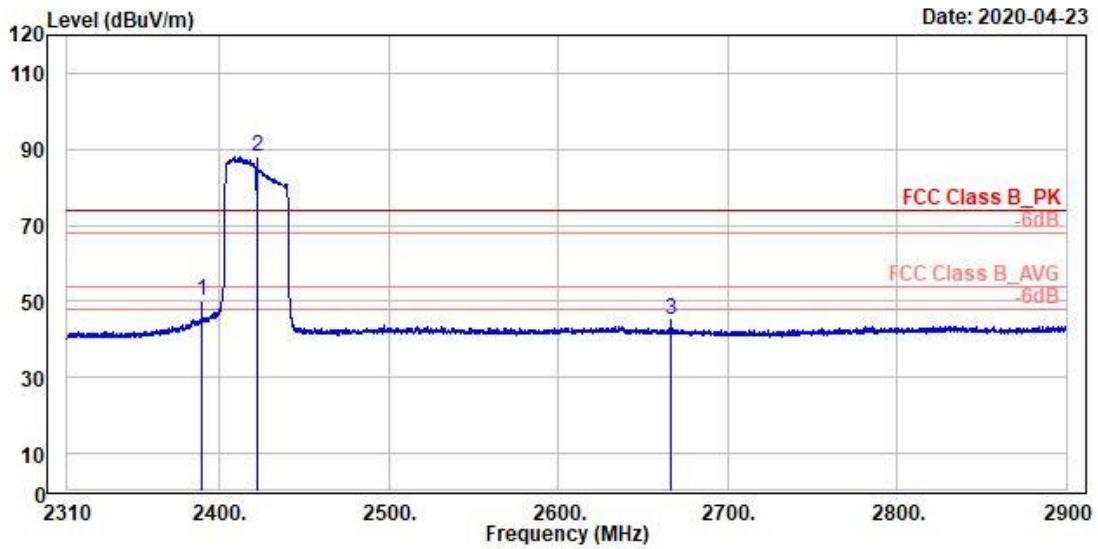
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2332.66	52.34	15.18	37.16	74.00	-21.66	400	254	Peak	Vertical
2 *	2462.00	109.95	72.41	37.54	74.00	35.95	400	254	Peak	Vertical
3 !	2484.88	69.02	31.46	37.56	74.00	-4.98	397	246	Peak	Vertical



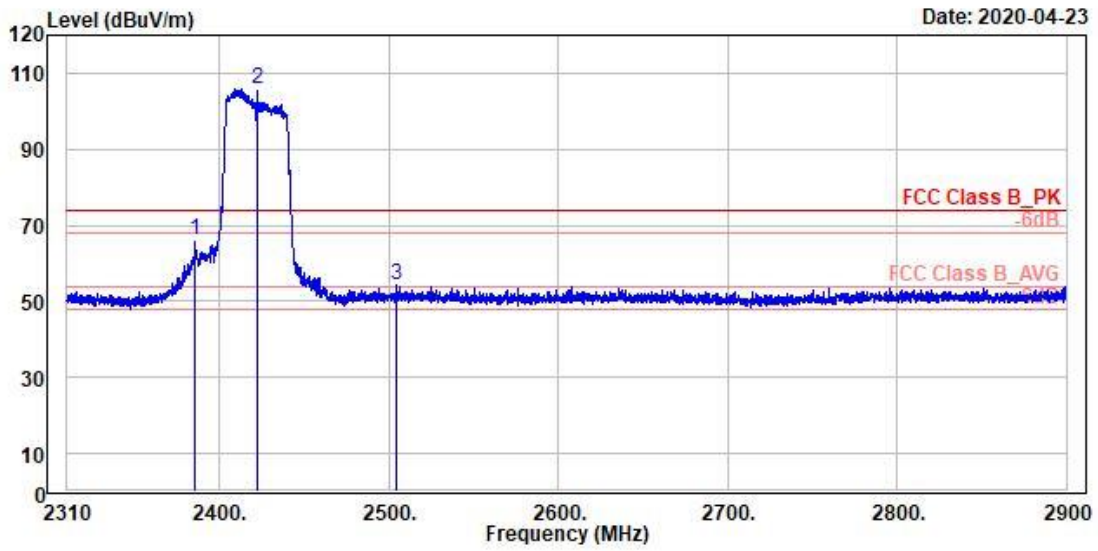
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 Tel:+886-2172-1000 Fax:+886-2172-1322



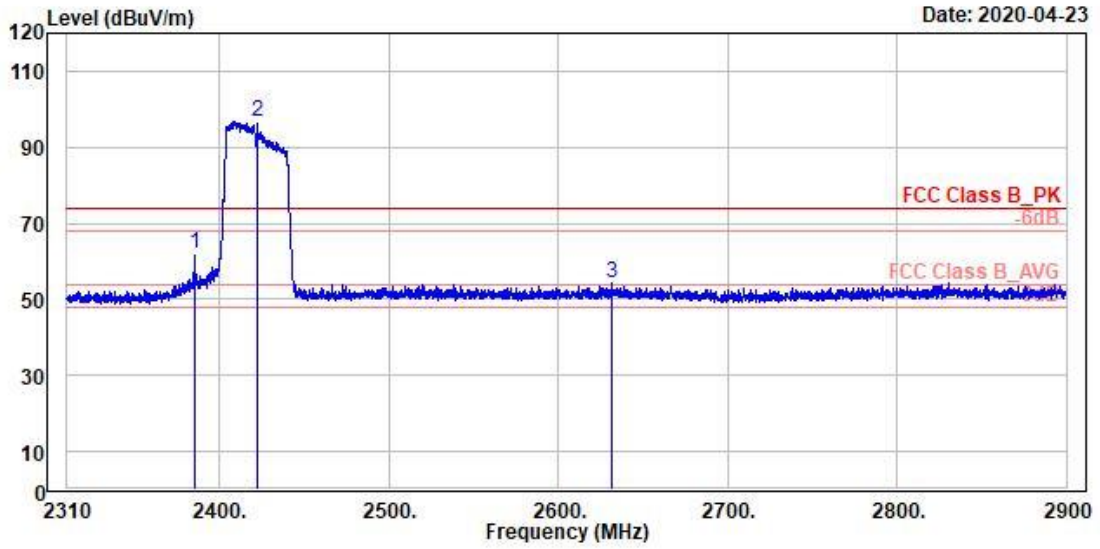
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	2389.53	53.85	16.52	37.33	54.00	-0.15	251	0	Average	Horizontal
2 *	2422.00	96.66	59.23	37.43	54.00	42.66	385	0	Average	Horizontal
3	2666.60	44.14	6.31	37.83	54.00	-9.86	385	0	Average	Horizontal



	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 !	2389.65	50.27	12.94	37.33	54.00	-3.73	391	41	Average	Vertical
2 *	2422.00	88.01	50.58	37.43	54.00	34.01	305	126	Average	Vertical
3	2666.71	44.97	7.14	37.83	54.00	-9.03	305	126	Average	Vertical



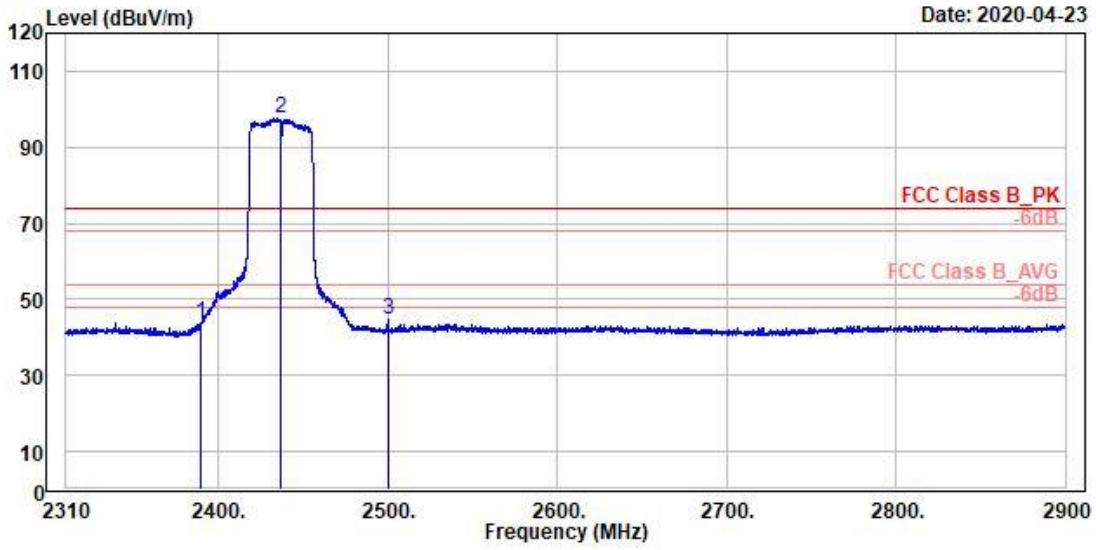
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2385.76	65.99	28.67	37.32	74.00	-8.01	385	251	Peak	Horizontal
2 *	2422.00	105.73	68.30	37.43	74.00	31.73	385	0	Peak	Horizontal
3	2504.35	54.37	16.77	37.60	74.00	-19.63	385	0	Peak	Horizontal



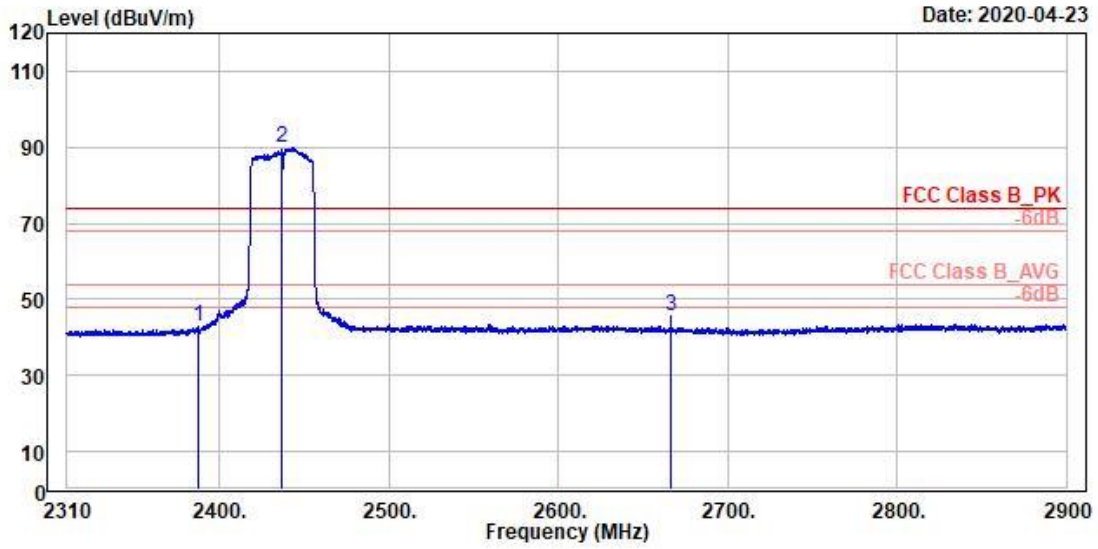
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1	2385.76	62.21	24.89	37.32	74.00	-11.79	391	41	Peak	Vertical
2 *	2422.00	96.87	59.44	37.43	74.00	22.87	305	126	Peak	Vertical
3	2631.67	54.21	16.32	37.89	74.00	-19.79	305	126	Peak	Vertical



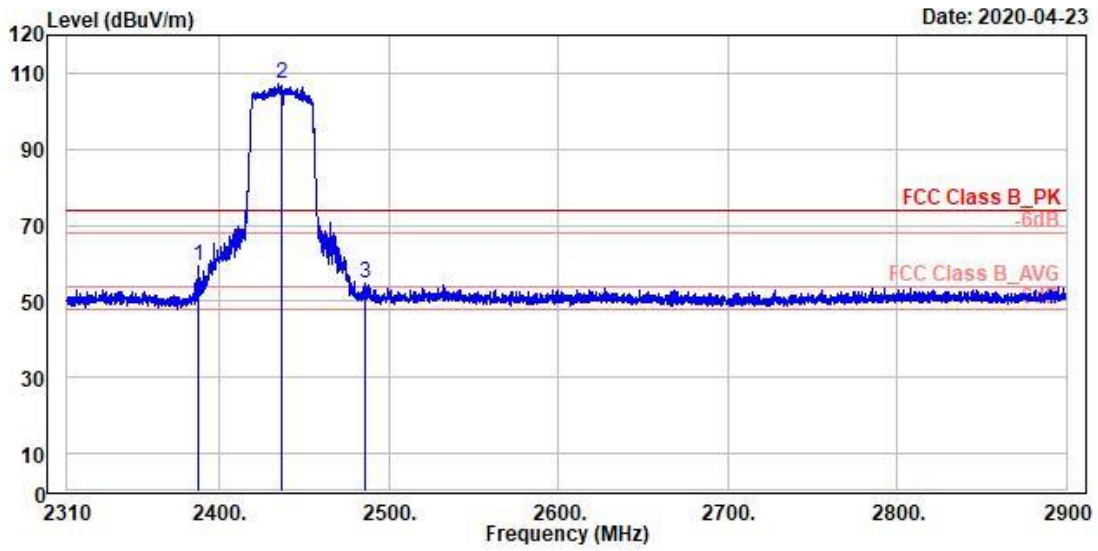
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 Tel:+886-2172-1000 Fax:+886-2172-1322



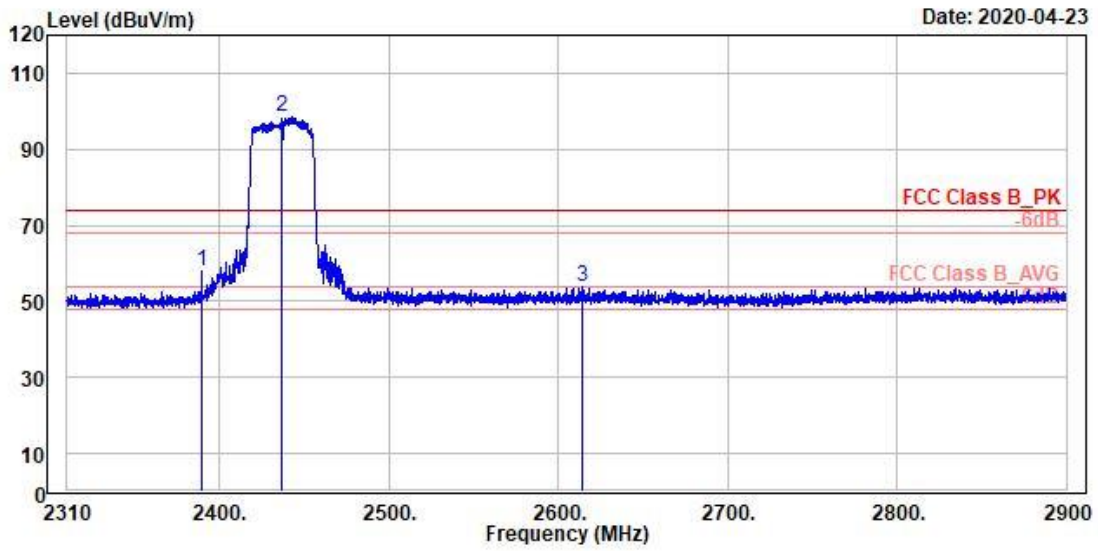
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.00	43.69	6.36	37.33	54.00	-10.31	376	25	Average	Horizontal
2 *	2437.00	97.69	60.21	37.48	54.00	43.69	376	25	Average	Horizontal
3	2499.98	44.67	7.09	37.58	54.00	-9.33	376	25	Average	Horizontal



	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	2387.64	42.69	5.36	37.33	54.00	-11.31	292	128	Average	Vertical
2 *	2437.00	90.04	52.56	37.48	54.00	36.04	292	128	Average	Vertical
3	2666.71	45.78	7.95	37.83	54.00	-8.22	292	128	Average	Vertical



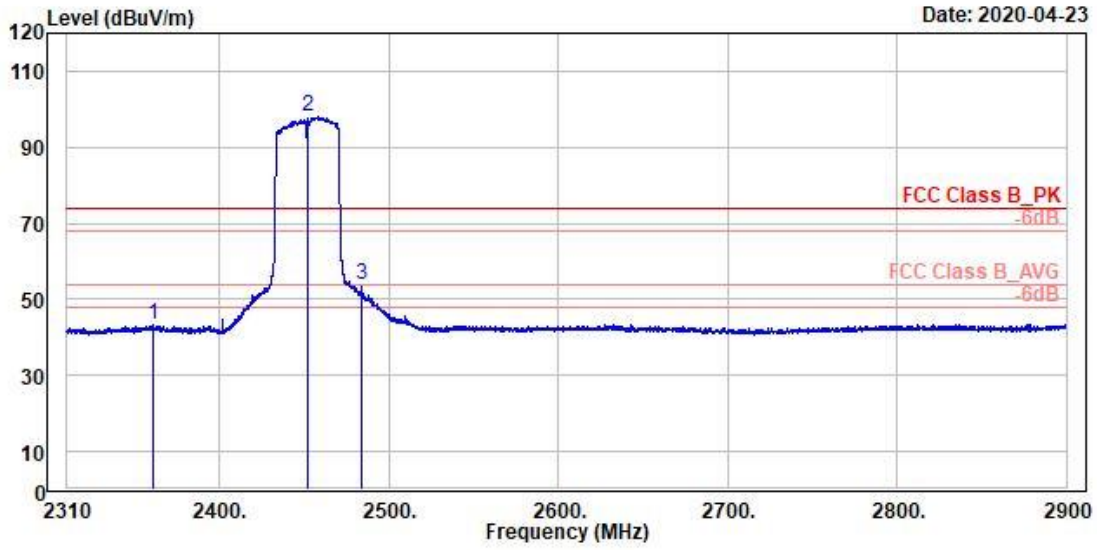
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2387.53	59.17	21.84	37.33	74.00	-14.83	376	25	Peak	Horizontal
2 *	2437.00	107.32	69.84	37.48	74.00	33.32	376	25	Peak	Horizontal
3	2485.94	54.66	17.10	37.56	74.00	-19.34	376	25	Peak	Horizontal



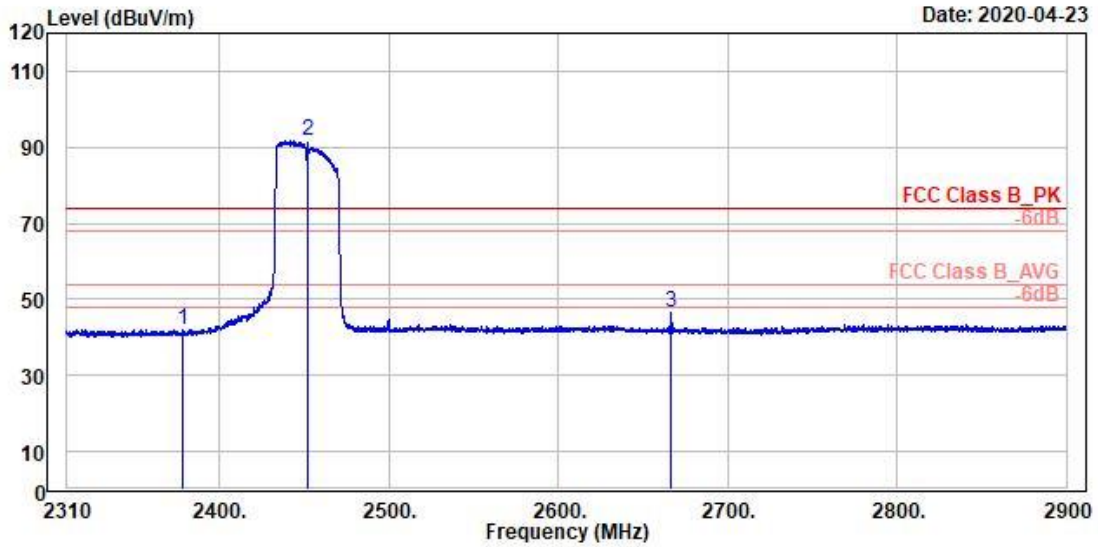
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1	2389.65	57.81	20.48	37.33	74.00	-16.19	292	128	Peak	Vertical
2 *	2437.00	98.43	60.95	37.48	74.00	24.43	292	128	Peak	Vertical
3	2614.68	53.83	15.88	37.95	74.00	-20.17	292	128	Peak	Vertical



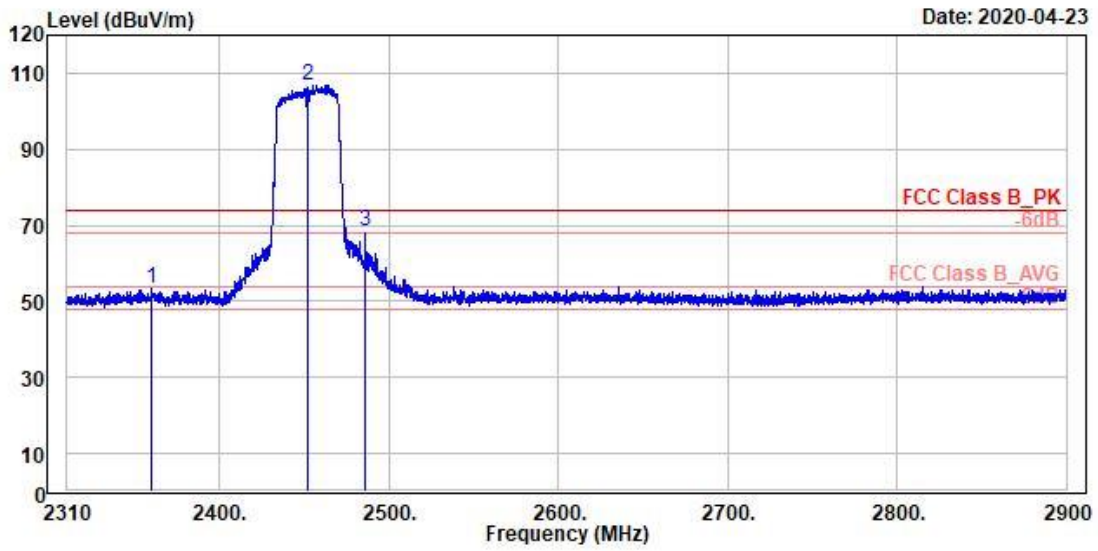
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 Tel:+886-2172-1000 Fax:+886-2172-1322



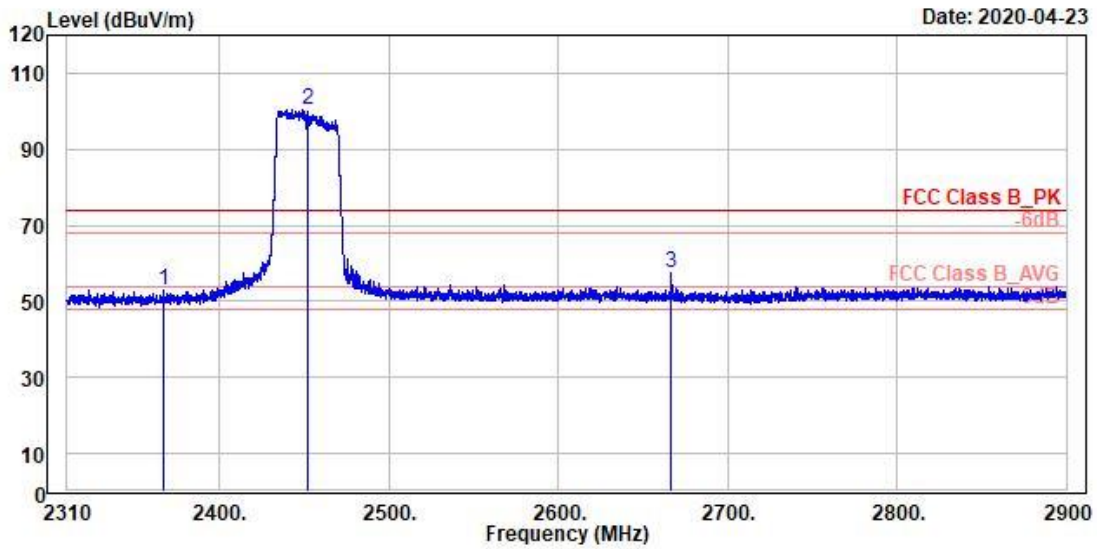
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2360.98	43.14	5.90	37.24	54.00	-10.86	328	9	Average	Horizontal
2 *	2452.00	98.06	60.54	37.52	54.00	44.06	328	9	Average	Horizontal
3 !	2483.81	53.73	16.17	37.56	54.00	-0.27	328	9	Average	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	2378.56	42.12	4.82	37.30	54.00	-11.88	292	68	Average	Vertical
2 *	2452.00	91.70	54.18	37.52	54.00	37.70	292	68	Average	Vertical
3	2666.48	46.37	8.54	37.83	54.00	-7.63	292	68	Average	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	2359.44	53.27	16.03	37.24	74.00	-20.73	328	9 Peak	Horizontal	
2 *	2452.00	106.85	69.33	37.52	74.00	32.85	328	9 Peak	Horizontal	
3 !	2486.29	68.36	30.80	37.56	74.00	-5.64	322	10 Peak	Horizontal	



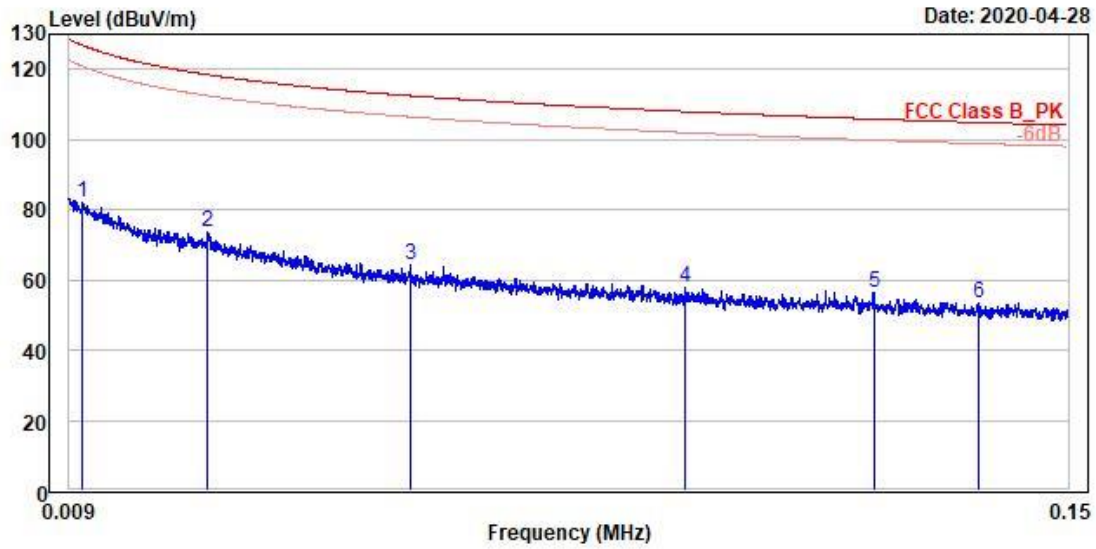
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2367.23	52.74	15.48	37.26	74.00	-21.26	292	68	Peak	Vertical
2 *	2452.00	100.53	63.01	37.52	74.00	26.53	292	68	Peak	Vertical
3	2666.71	57.61	19.78	37.83	74.00	-16.39	292	68	Peak	Vertical

Spurious Emissions, TX Mode, 9kHz-30MHz

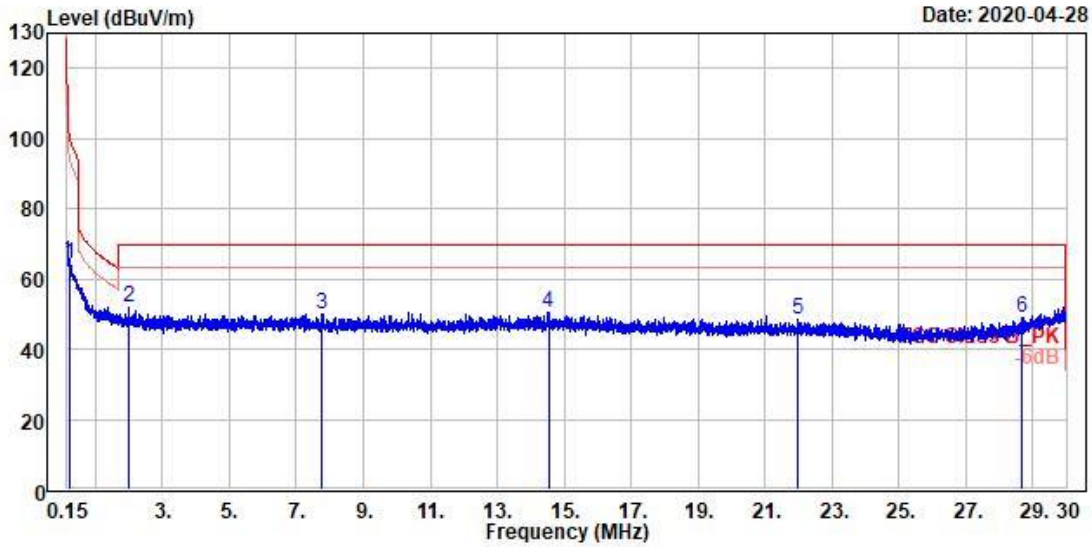
2422MHz, 802.11n40



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 No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



	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	82.17	3.89	78.28	126.85	-44.68	100	48	QP	vertical
2	0.03	73.47	2.48	70.99	118.46	-44.99	100	187	QP	vertical
3	0.06	64.40	0.35	64.05	112.45	-48.05	100	336	QP	vertical
4	0.10	57.70	-2.04	59.74	107.95	-50.25	100	321	QP	vertical
5	0.12	56.17	-1.77	57.94	105.83	-49.66	100	270	QP	vertical
6	0.14	53.24	-3.84	57.08	104.84	-51.60	100	348	QP	vertical



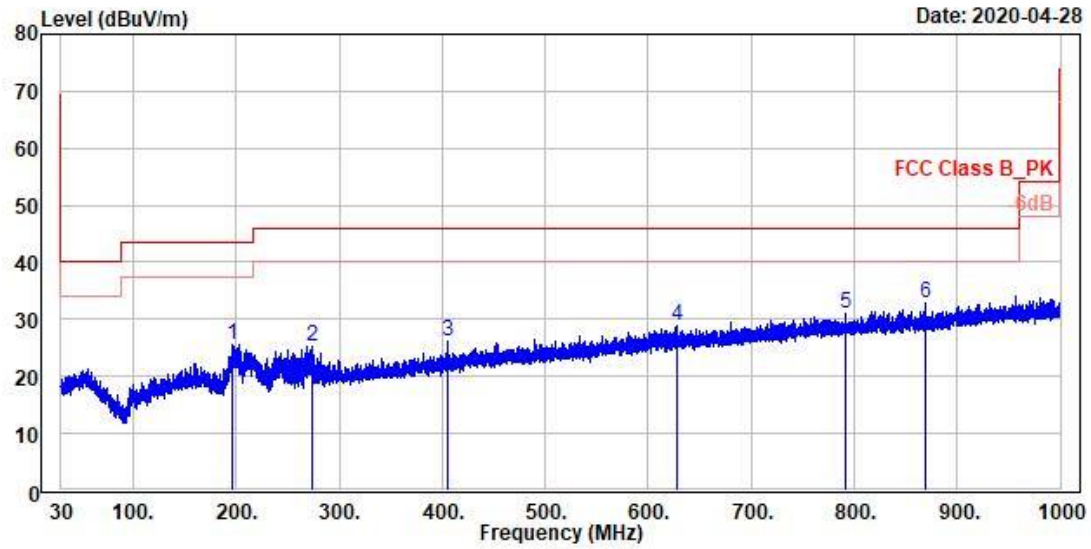
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.24	64.30	12.03	52.27	100.01	-35.71	100	224 QP		vertical
2	2.00	51.68	12.98	38.70	69.50	-17.82	100	318 QP		vertical
3	7.78	50.16	12.02	38.14	69.50	-19.34	100	134 QP		vertical
4	14.53	50.39	12.72	37.67	69.50	-19.11	100	332 QP		vertical
5	21.99	48.33	12.46	35.87	69.50	-21.17	100	355 QP		vertical
6	28.70	49.11	12.52	36.59	69.50	-20.39	100	254 QP		vertical

Spurious Emissions, TX Mode, 30MHz-1GHz

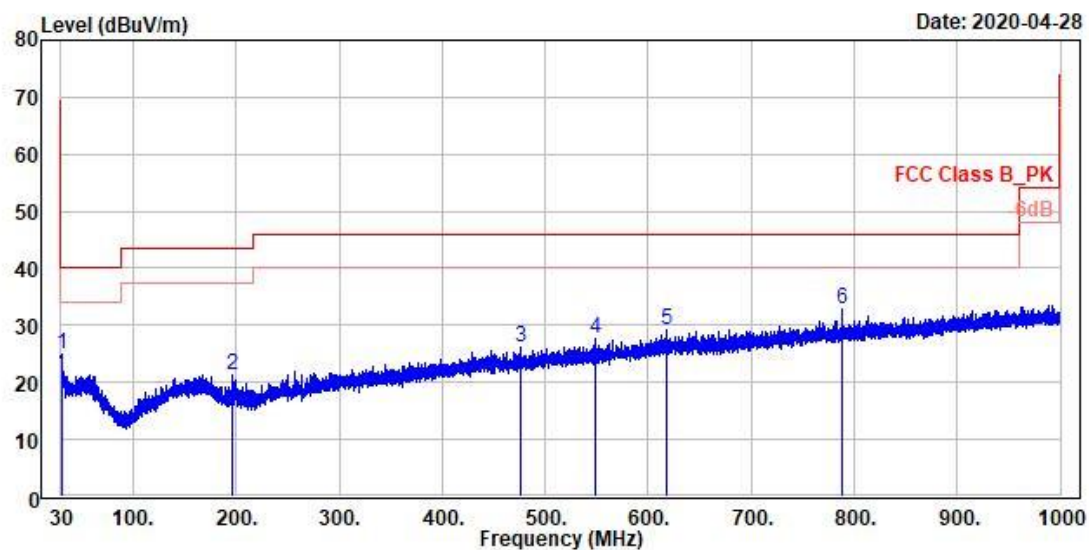
2422MHz, 802.11n40



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



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	196.55	25.47	35.35	-9.88	43.50	-18.03	100	278	QP	horizontal
2	273.28	25.22	32.50	-7.28	46.00	-20.78	100	278	QP	horizontal
3	405.29	26.08	30.67	-4.59	46.00	-19.92	353	360	QP	horizontal
4	628.30	28.97	29.74	-0.77	46.00	-17.03	400	45	QP	horizontal
5	792.23	30.99	29.39	1.60	46.00	-15.01	200	26	QP	horizontal
6	869.54	32.99	30.30	2.69	46.00	-13.01	200	2	QP	horizontal



Date: 2020-04-28

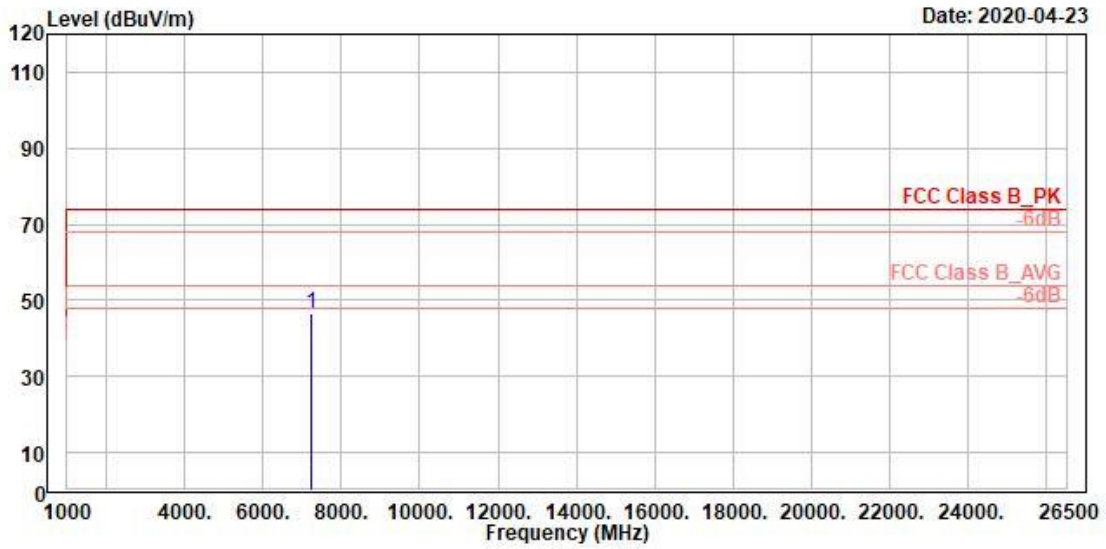
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.10	24.93	34.10	-9.17	40.00	-15.07	200	146 QP		vertical
2	195.77	21.27	31.15	-9.88	43.50	-22.23	200	144 QP		vertical
3	475.52	26.21	29.87	-3.66	46.00	-19.79	200	83 QP		vertical
4	547.98	27.71	30.16	-2.45	46.00	-18.29	356	360 QP		vertical
5	618.31	29.09	29.93	-0.84	46.00	-16.91	200	44 QP		vertical
6	788.25	32.76	31.18	1.58	46.00	-13.24	200	57 QP		vertical

Spurious Emissions, TX Mode, 1GHz-26.5GHz

2412MHz, 802.11b

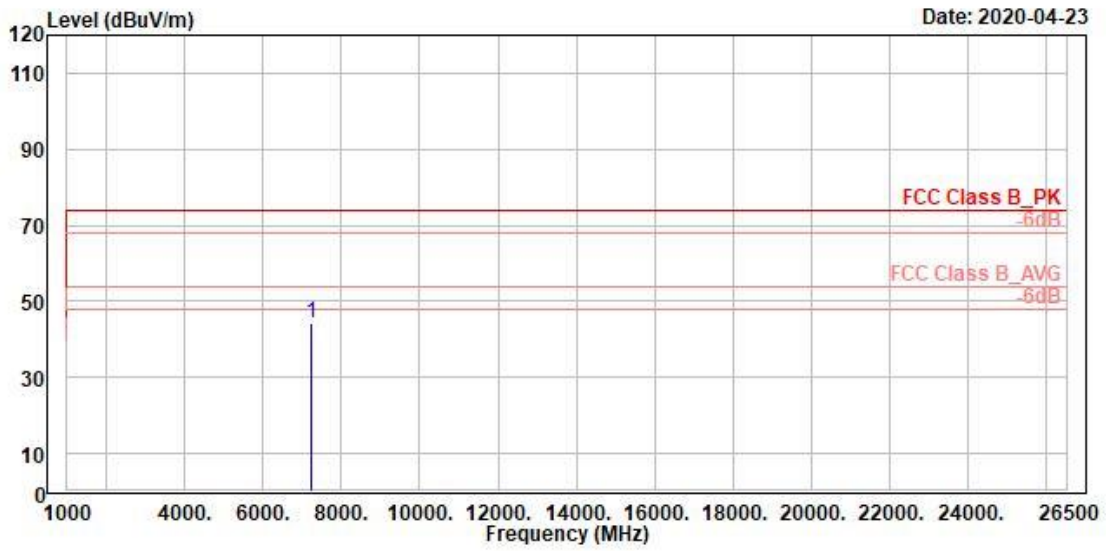


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 Tel:+886-2172-1000 Fax:+886-2172-1322



Date: 2020-04-23

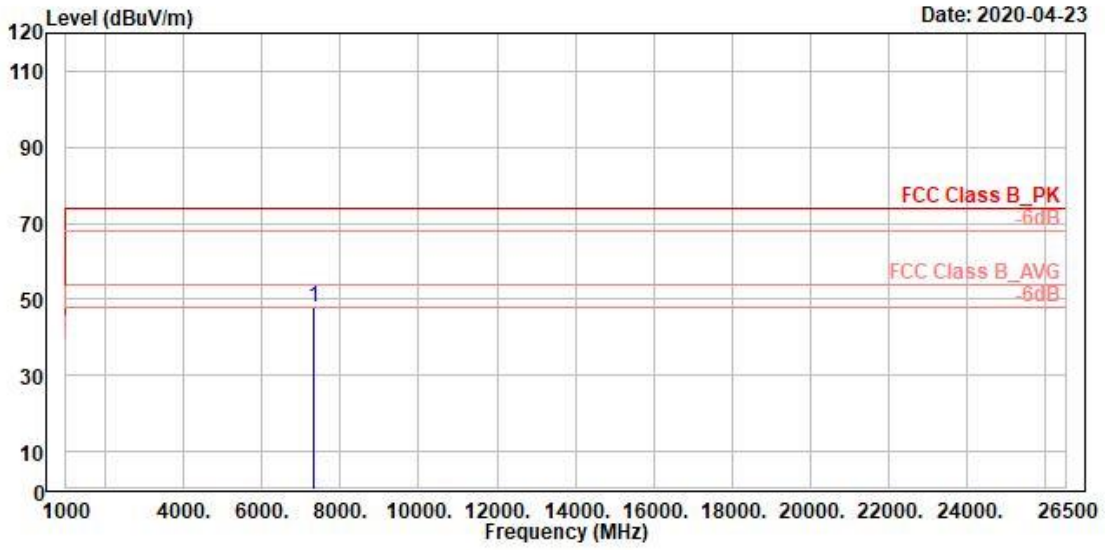
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7236.00	46.35	54.13	-7.78	74.00	-27.65	100	197	Peak	horizontal



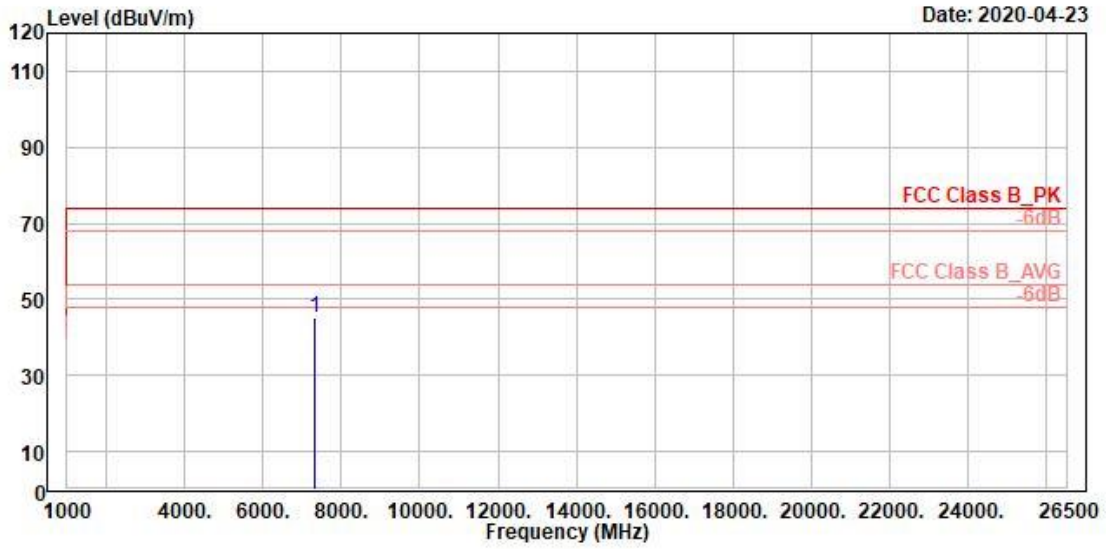
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7236.00	44.48	52.26	-7.78	74.00	-29.52	200	132	Peak	vertical



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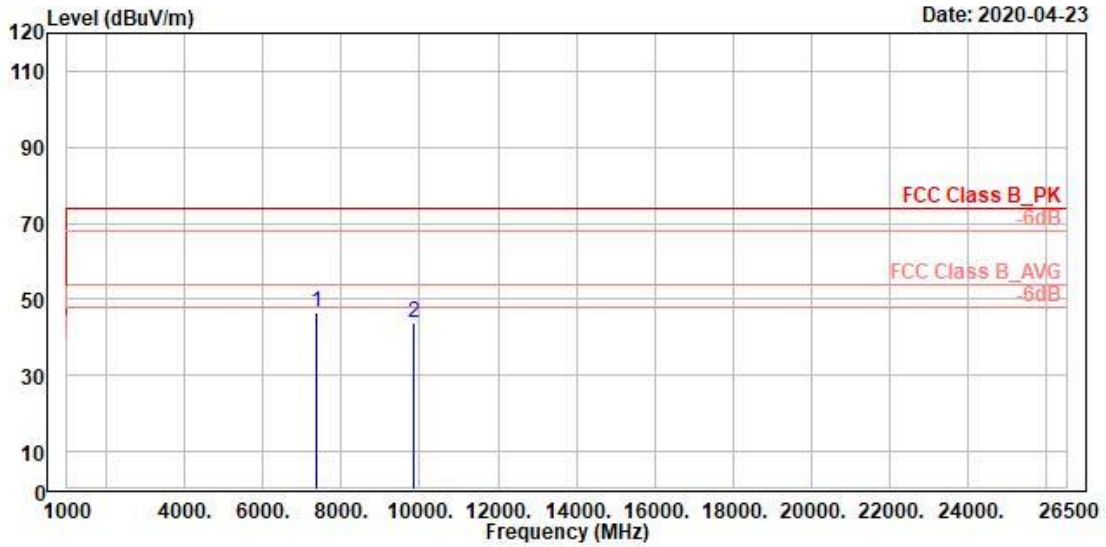
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7311.00	47.72	55.48	-7.76	74.00	-26.28	100	191	Peak	horizontal



	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	7311.00	45.12	52.88	-7.76	74.00	-28.88	300	283	Peak	vertical

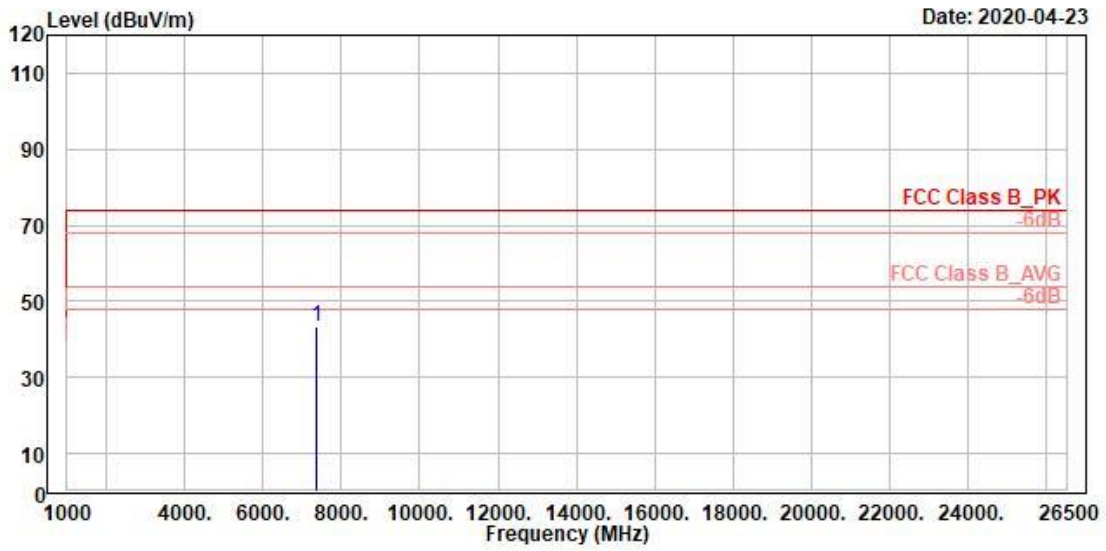


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 Tel:+886-2172-1000 Fax:+886-2172-1322



Date: 2020-04-23

	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	7386.00	46.47	54.17	-7.70	74.00	-27.53	100	212	Peak	horizontal
2	9848.00	44.00	48.78	-4.78	74.00	-30.00	300	121	Peak	horizontal

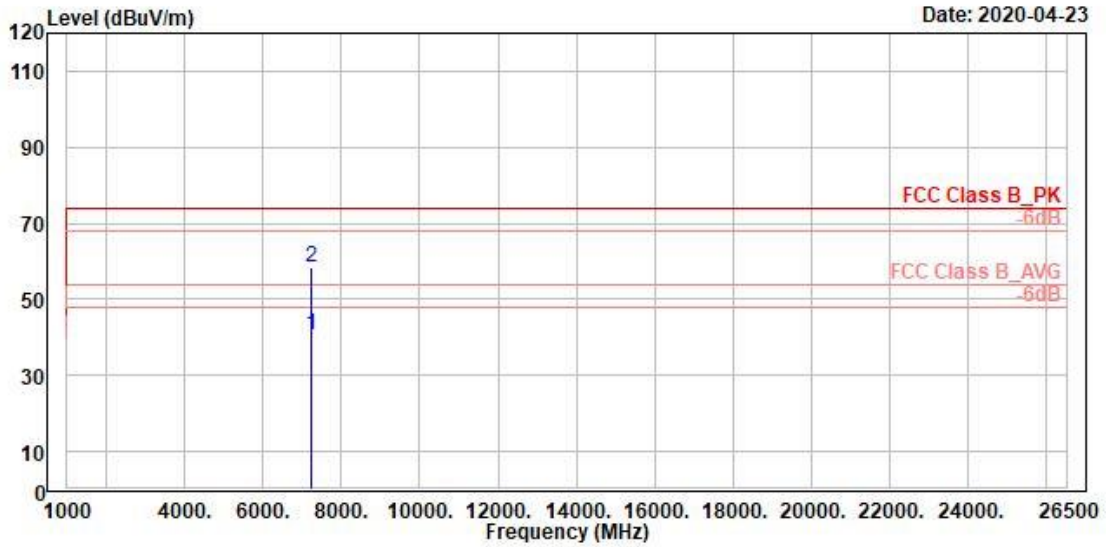


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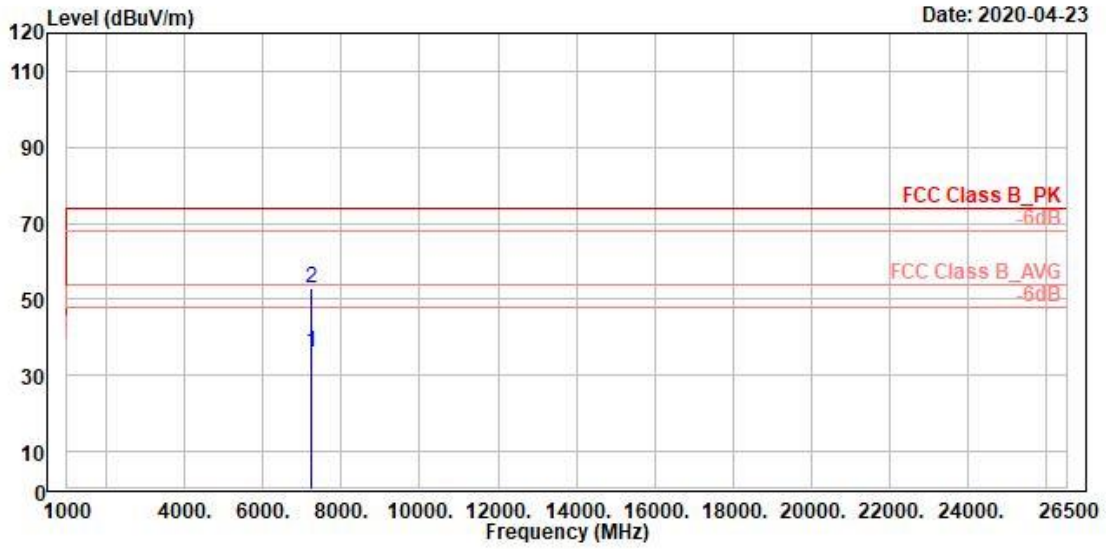
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7386.00	43.33	51.03	-7.70	74.00	-30.67	300	150	Peak	vertical



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



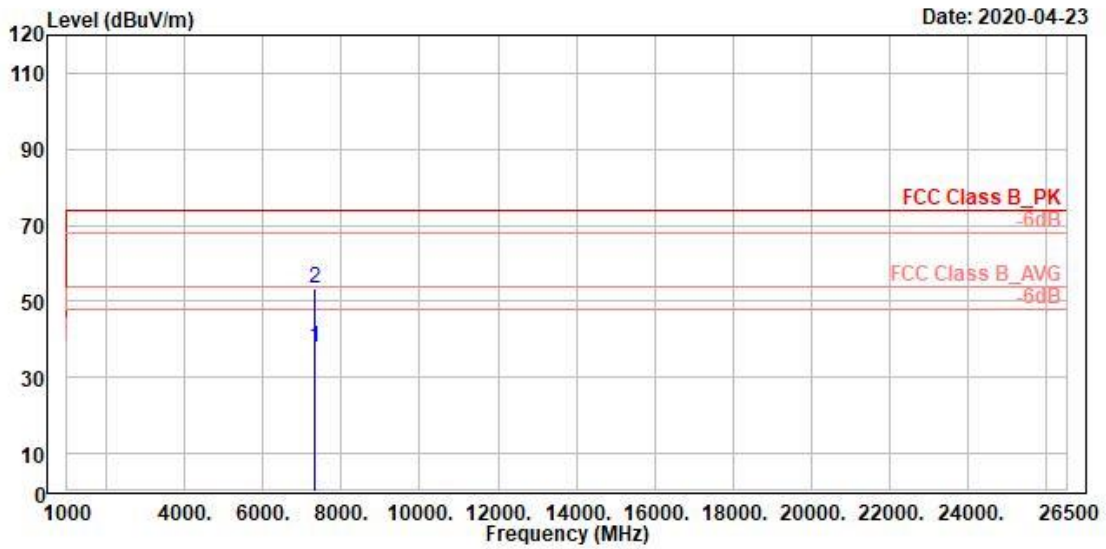
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7236.00	40.50	48.28	-7.78	54.00	-13.50	366	360	Average	horizontal
2	7236.00	58.58	66.36	-7.78	74.00	-15.42	366	360	Peak	horizontal



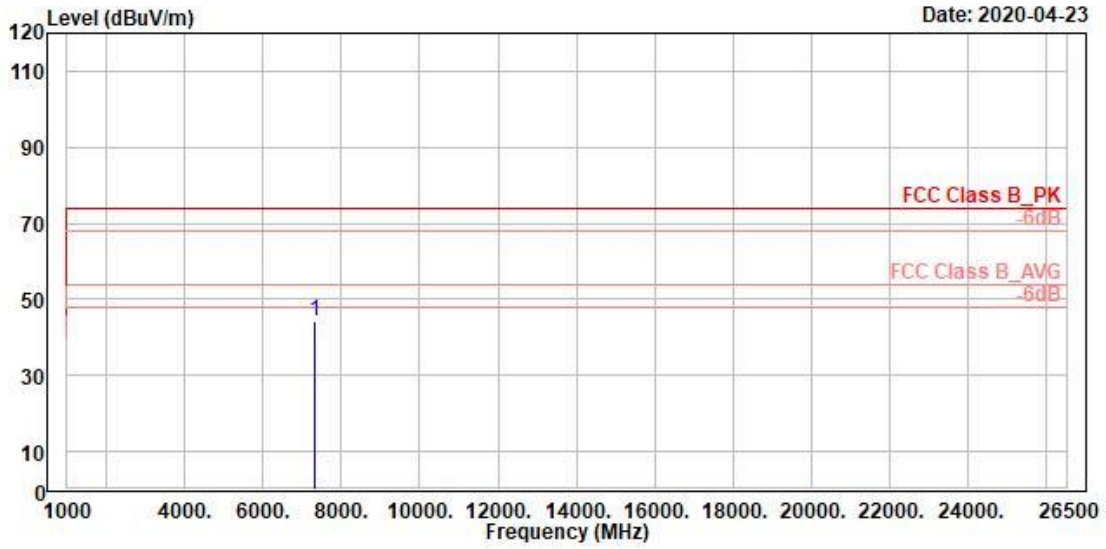
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7236.00	36.06	43.84	-7.78	54.00	-17.94	400	246	Average	vertical
2	7236.00	52.92	60.70	-7.78	74.00	-21.08	400	246	Peak	vertical



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



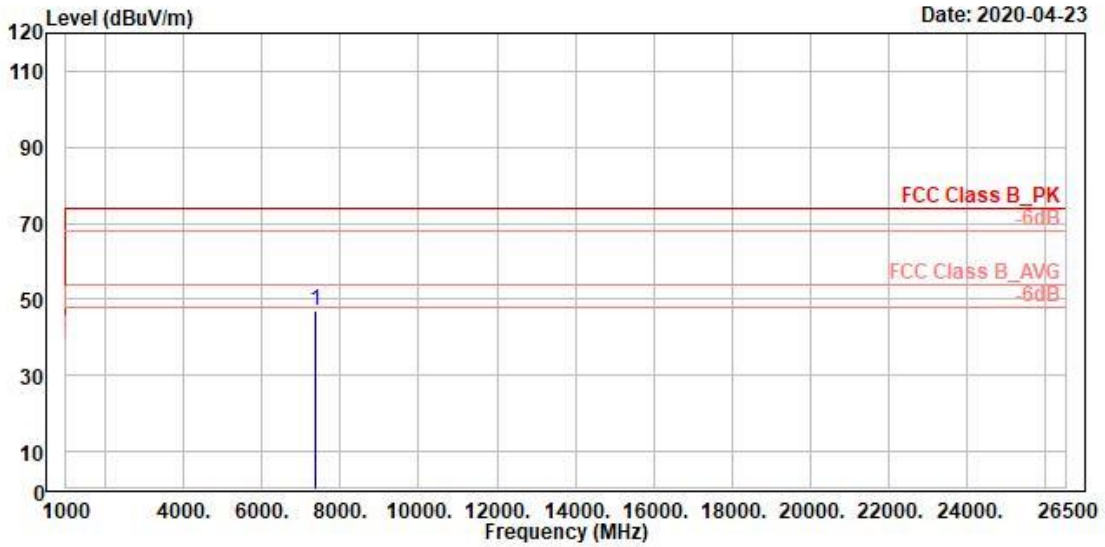
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7311.00	37.74	45.50	-7.76	54.00	-16.26	358	360	Average	horizontal
2	7311.00	53.51	61.27	-7.76	74.00	-20.49	358	360	Peak	horizontal



	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	7311.00	44.17	51.93	-7.76	74.00	-29.83	300	124	Peak	vertical

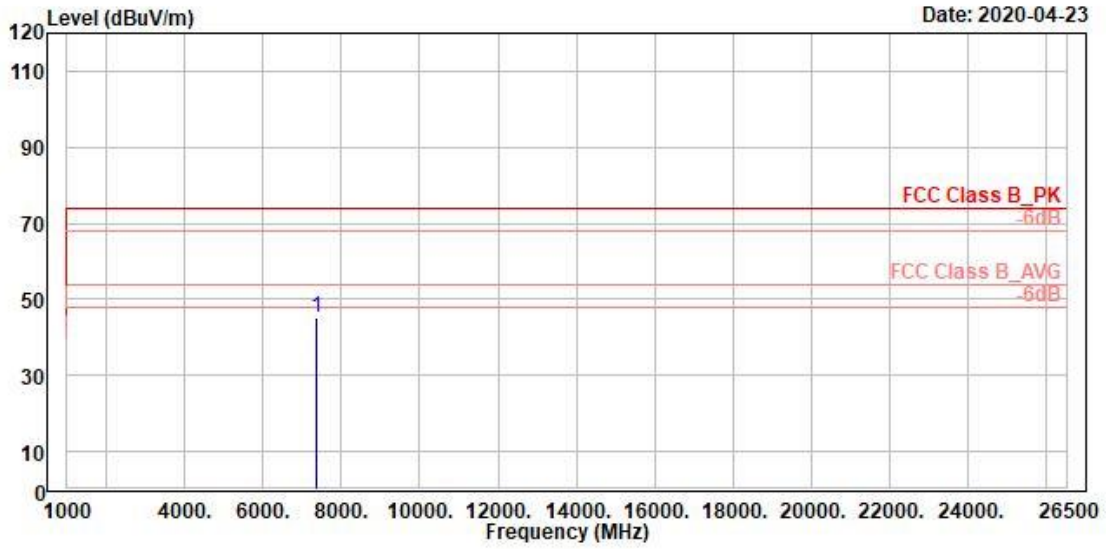


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 Tel:+886-2172-1000 Fax:+886-2172-1322



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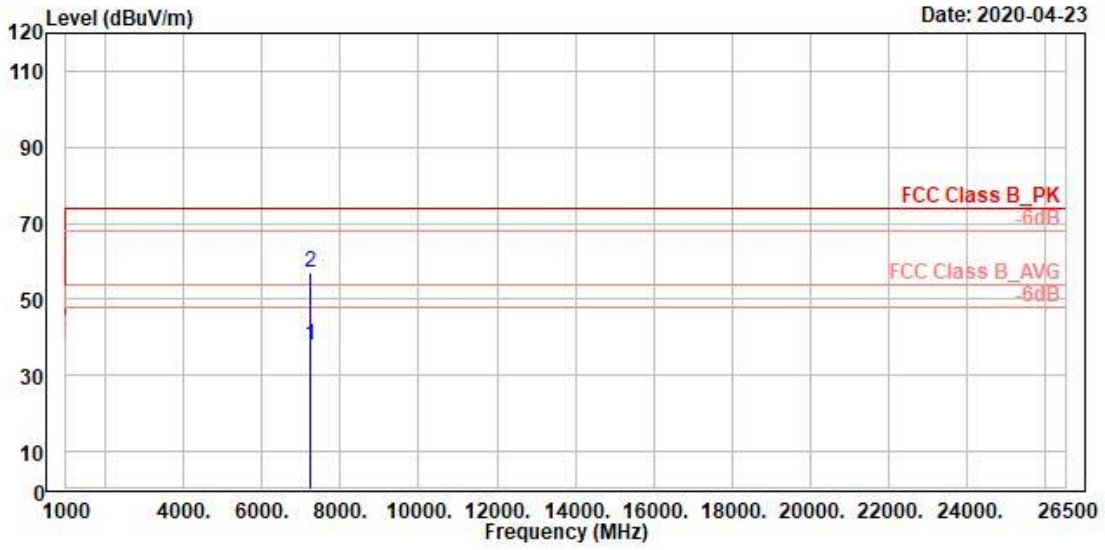
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7386.00	46.97	54.67	-7.70	74.00	-27.03	300	360	Peak	horizontal



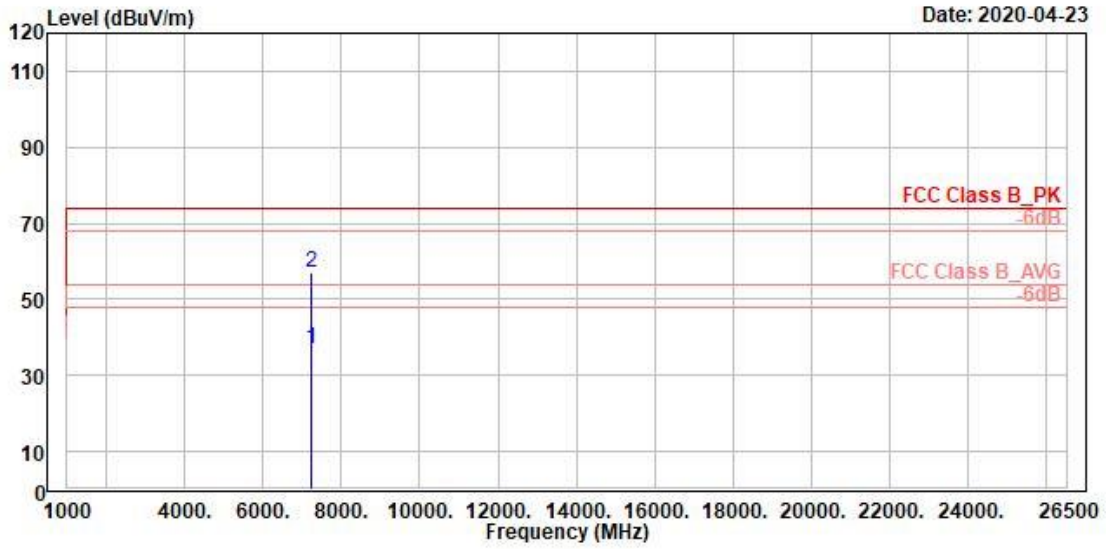
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7386.00	45.19	52.89	-7.70	74.00	-28.81	400	272	Peak	vertical



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



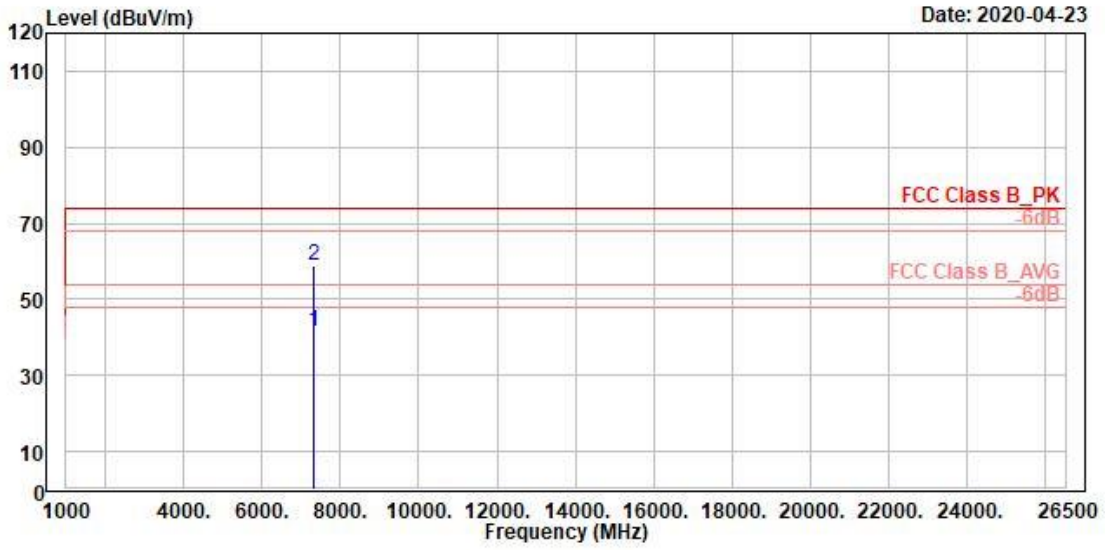
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7236.00	37.85	45.63	-7.78	54.00	-16.15	242	33	Average	horizontal
2	7236.00	57.05	64.83	-7.78	74.00	-16.95	242	33	Peak	horizontal



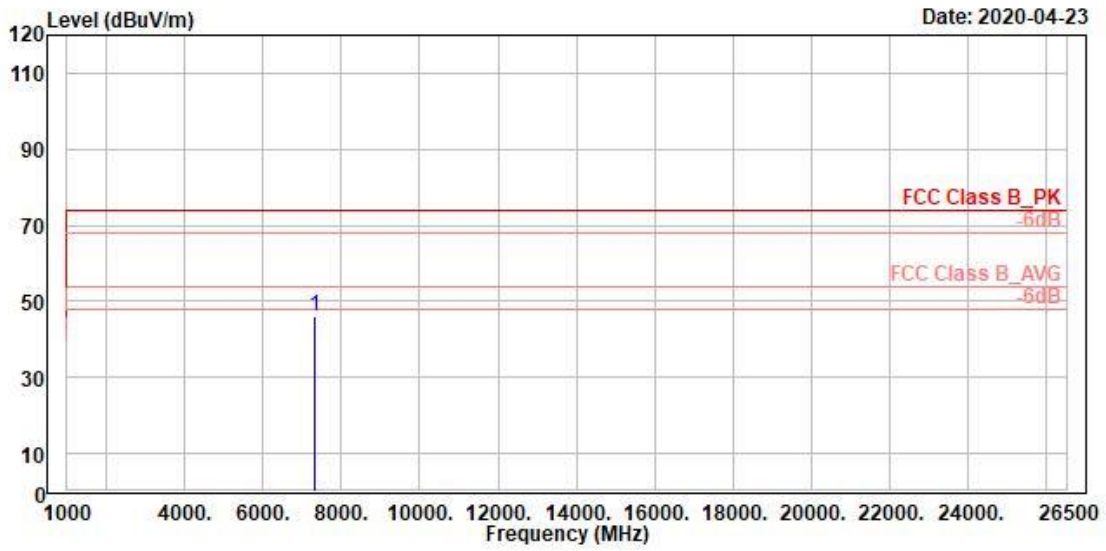
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7236.00	36.96	44.74	-7.78	54.00	-17.04	380	237	Average	vertical
2	7236.00	56.96	64.74	-7.78	74.00	-17.04	380	237	Peak	vertical



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



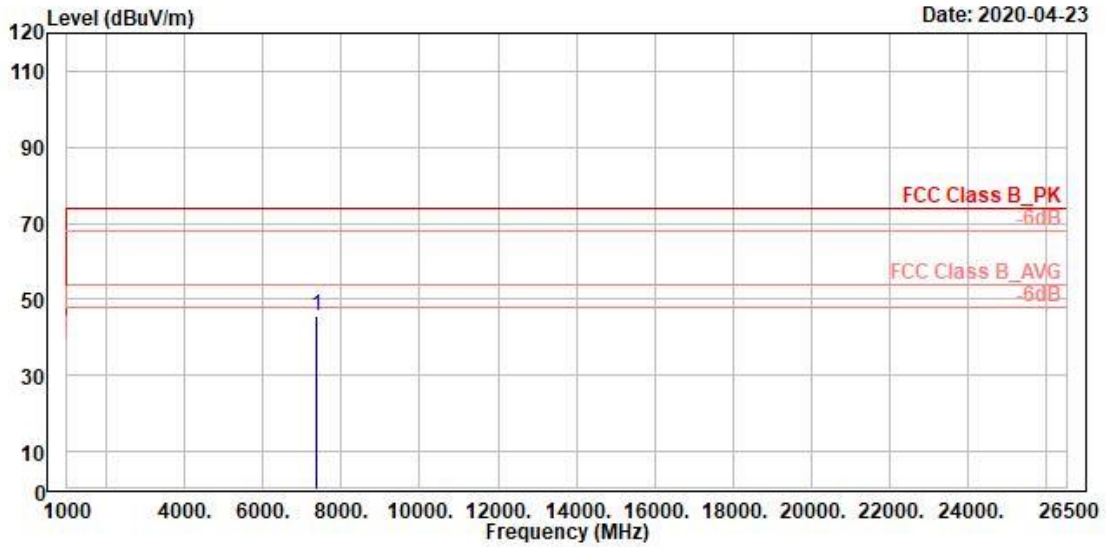
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7311.00	41.49	49.25	-7.76	54.00	-12.51	345	352	Average	horizontal
2	7311.00	58.84	66.60	-7.76	74.00	-15.16	345	352	Peak	horizontal



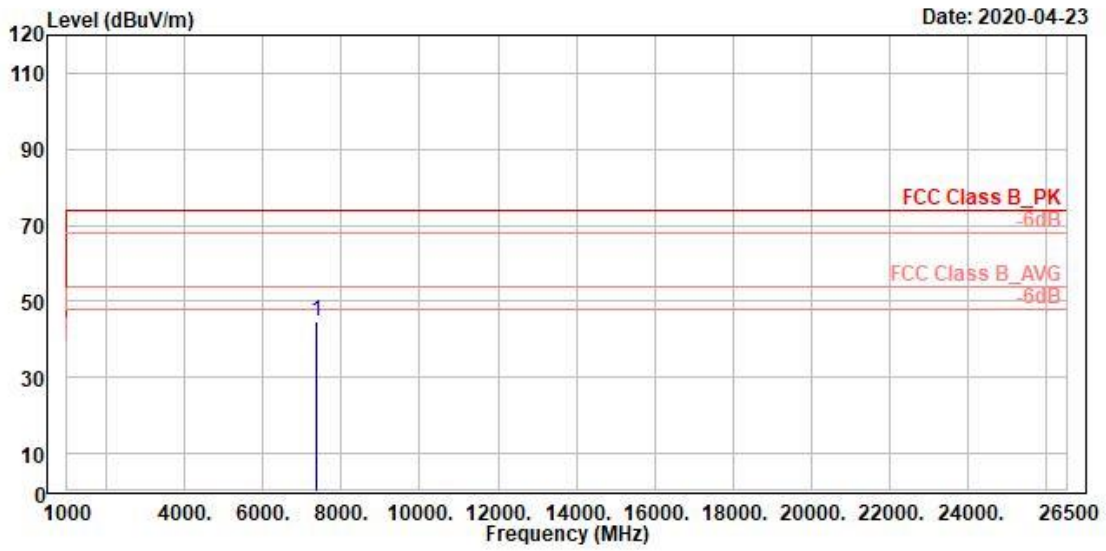
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7311.00	45.99	53.75	-7.76	74.00	-28.01	400	234	Peak	vertical



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 No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



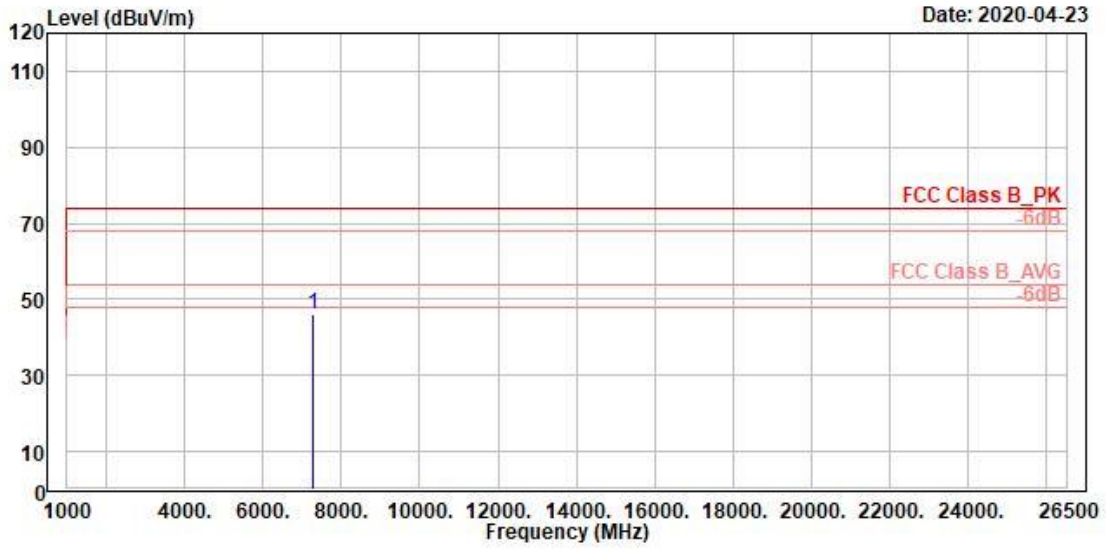
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7386.00	45.59	53.29	-7.70	74.00	-28.41	314	360	Peak	horizontal



	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	7386.00	44.72	52.42	-7.70	74.00	-29.28	100	251	Peak	vertical

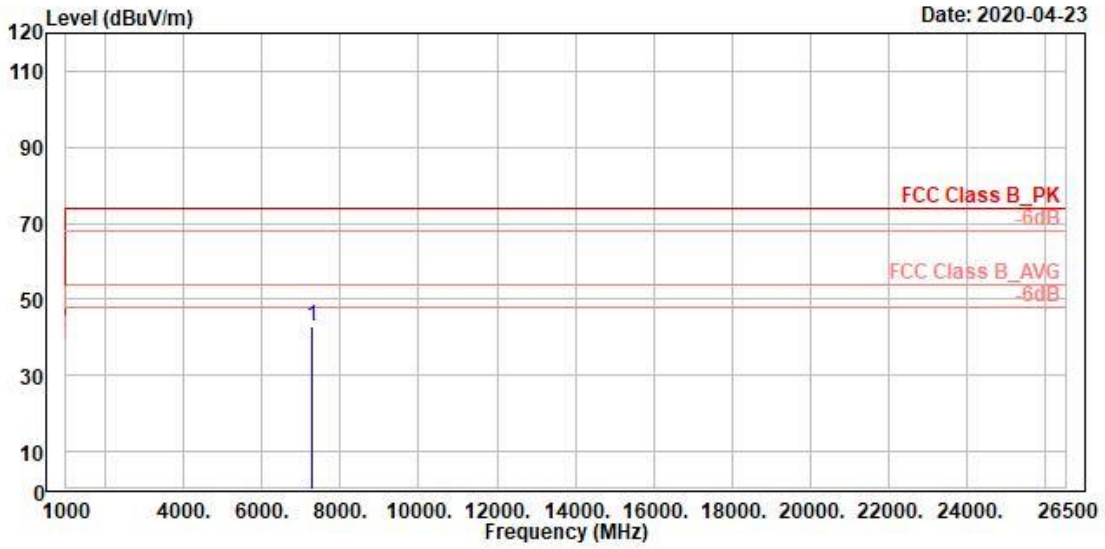


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 Tel:+886-2172-1000 Fax:+886-2172-1322



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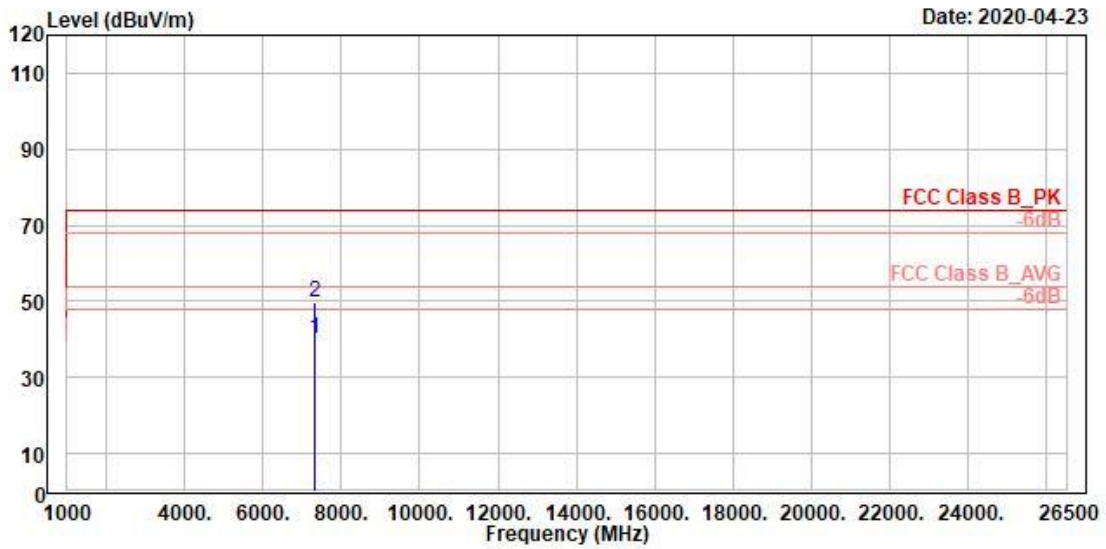
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1	7266.00	46.07	53.87	-7.80	74.00	-27.93	299	0	Peak	horizontal



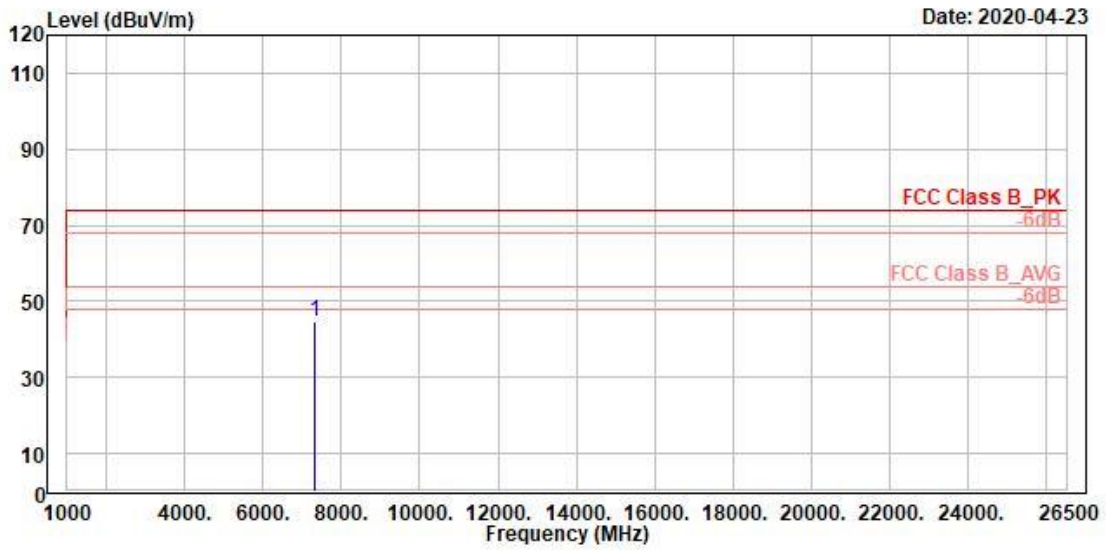
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7266.00	42.89	50.69	-7.80	74.00	-31.11	400	259	Peak	vertical



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



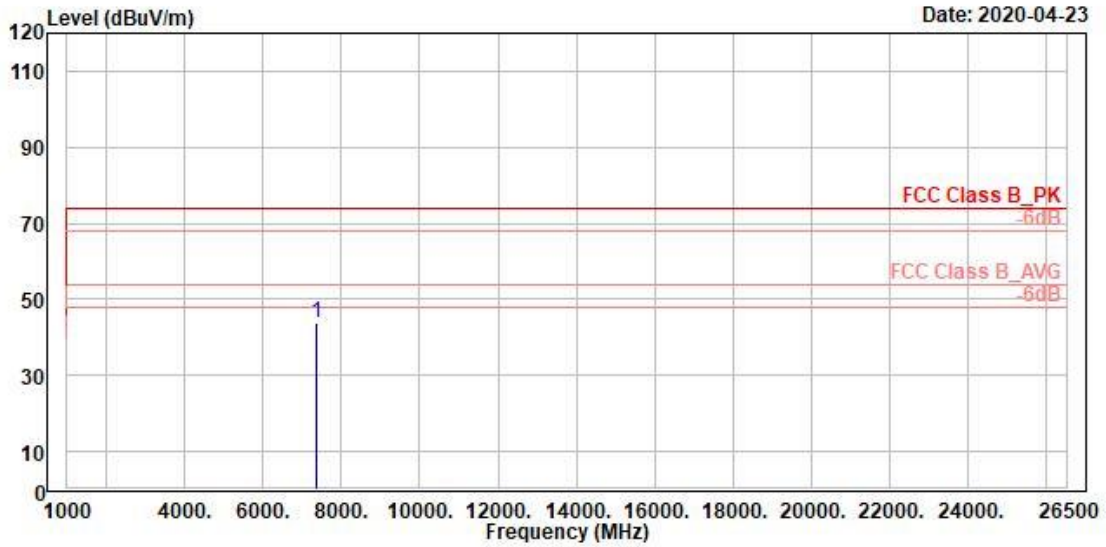
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7311.00	40.28	48.04	-7.76	54.00	-13.72	371	360	Average	horizontal
2	7311.00	49.90	57.66	-7.76	74.00	-24.10	371	360	Peak	horizontal



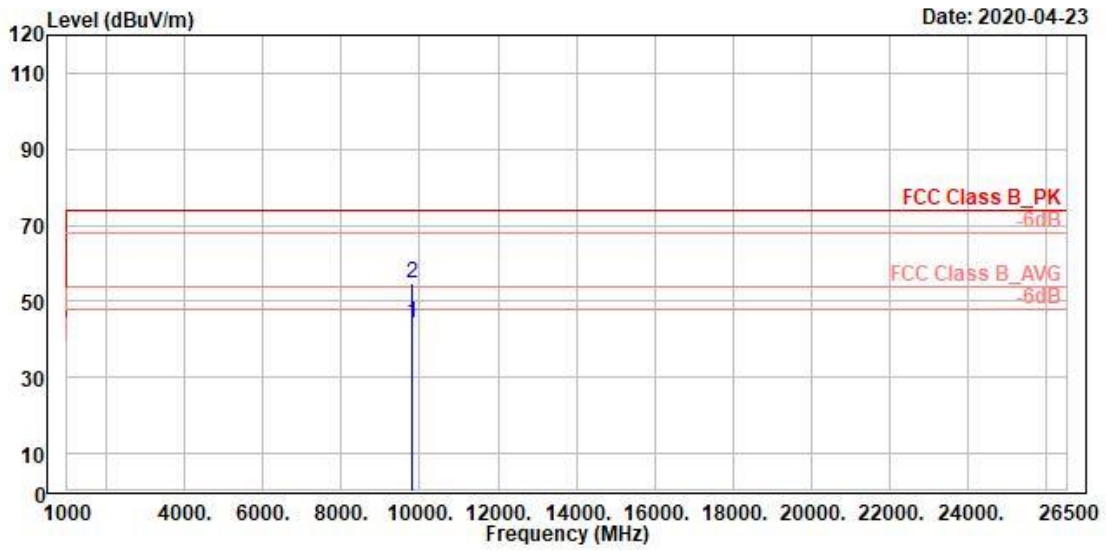
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7311.00	44.54	52.30	-7.76	74.00	-29.46	400	218	Peak	vertical



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



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7356.00	43.65	51.46	-7.81	74.00	-30.35	0	0	Peak	horizontal



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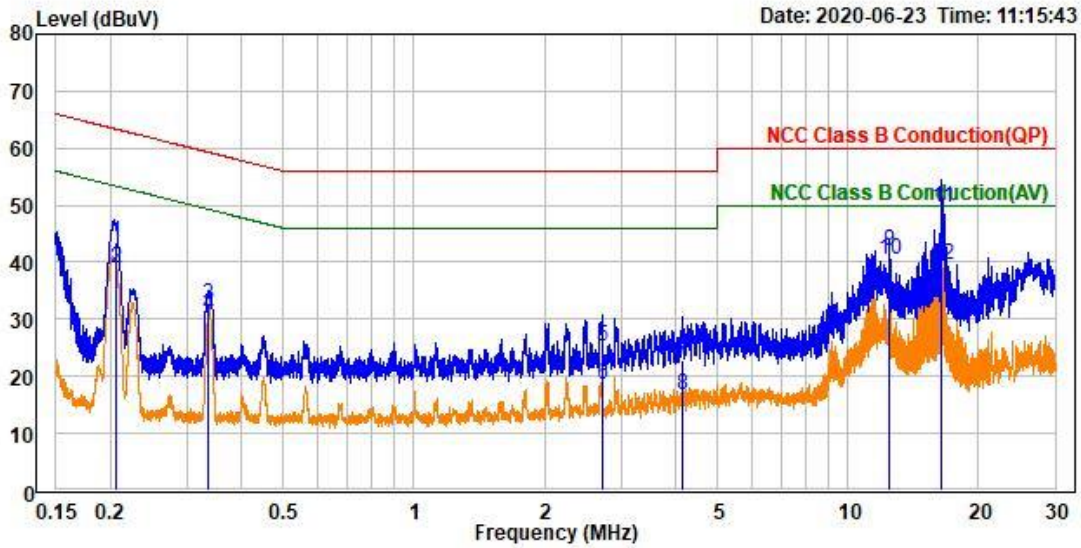
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	9808.00	44.07	48.96	-4.89	54.00	-9.93	192	76	Average	vertical
2	9808.00	54.86	59.75	-4.89	74.00	-19.14	192	76	Peak	vertical

Spurious Emissions, AC Mains

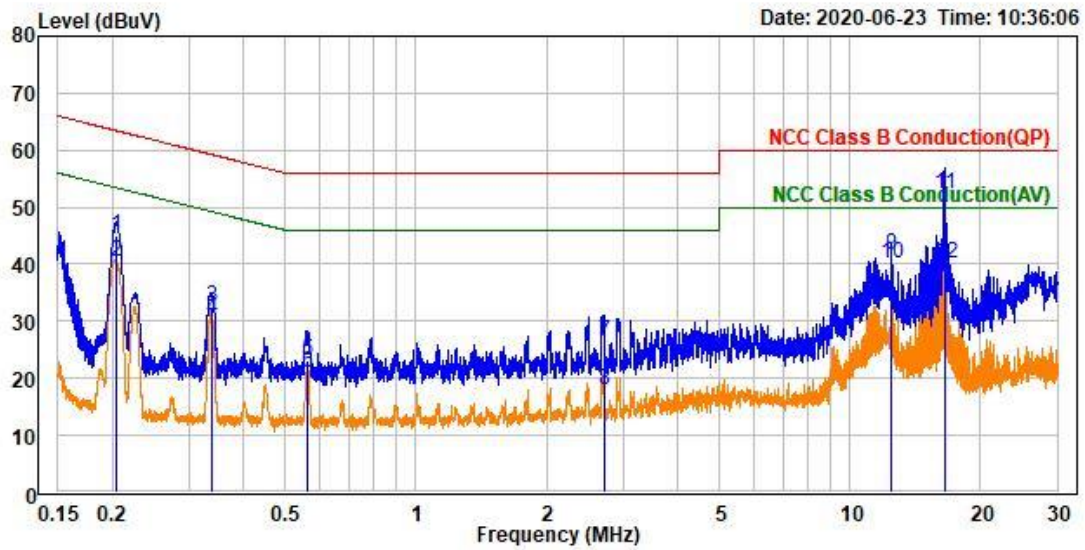
2422MHz, 802.11n40



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 No. 458-19, Sec. 2, Fenliao Rd., Linkou Dist., New Taipei City 244
 Tel:+886-2172-1000 Fax:+886-2172-1322



	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Note	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB			
1	0.207	33.38	10.11	43.49	63.33	-19.84	QP		line1
2	0.207	28.97	10.11	39.08	53.33	-14.25	Average		line1
3	0.336	22.42	10.11	32.53	59.31	-26.78	QP		line1
4	0.336	20.56	10.11	30.67	49.31	-18.64	Average		line1
5	2.719	15.11	10.18	25.29	56.00	-30.71	QP		line1
6	2.719	8.31	10.18	18.49	46.00	-27.51	Average		line1
7	4.150	12.49	10.21	22.70	56.00	-33.30	QP		line1
8	4.150	6.41	10.21	16.62	46.00	-29.38	Average		line1
9	12.499	31.44	10.44	41.88	60.00	-18.12	QP		line1
10	12.499	29.97	10.44	40.41	50.00	-9.59	Average		line1
11	16.469	39.17	10.51	49.68	60.00	-10.32	QP		line1
12	16.469	29.05	10.51	39.56	50.00	-10.44	Average		line1



	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Note	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB			
1	0.204	34.77	10.11	44.88	63.45	-18.57	QP		neutral
2	0.204	30.46	10.11	40.57	53.45	-12.88	Average		neutral
3	0.340	22.39	10.10	32.49	59.19	-26.70	QP		neutral
4	0.340	20.17	10.10	30.27	49.19	-18.92	Average		neutral
5	0.561	13.06	10.12	23.18	56.00	-32.82	QP		neutral
6	0.561	10.83	10.12	20.95	46.00	-25.05	Average		neutral
7	2.711	16.15	10.17	26.32	56.00	-29.68	QP		neutral
8	2.711	7.82	10.17	17.99	46.00	-28.01	Average		neutral
9	12.499	31.20	10.44	41.64	60.00	-18.36	QP		neutral
10	12.499	29.76	10.44	40.20	50.00	-9.80	Average		neutral
11	16.535	41.69	10.53	52.22	60.00	-7.78	QP		neutral
12	16.535	29.52	10.53	40.05	50.00	-9.95	Average		neutral