

Test Report No.50339904 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50339904 001AppendixD)

Contents

Spurious Emissions, Band Edges (802.15.4).....	3
Spurious Emissions, TX Mode, 9kHz-30MHz (802.15.4)	15
Spurious Emissions, TX Mode, 30MHz-1GHz (802.15.4)	17
Spurious Emissions, TX Mode, 1GHz-26.5GHz (802.15.4).....	19
Spurious Emissions, Band Edges (BLE 1M (125K)).....	25
Spurious Emissions, TX Mode, 9kHz-30MHz (BLE 1M (125K))	37
Spurious Emissions, TX Mode, 30MHz-1GHz (BLE 1M (125K)).....	39
Spurious Emissions, TX Mode, 1GHz-26.5GHz (BLE 1M (125K))	41
Spurious Emissions, Band Edges (BLE 2M).....	47
Spurious Emissions, TX Mode, 1GHz-26.5GHz (BLE 2M).....	59
Spurious Emissions, Band Edges (ANT 1M).....	65
Spurious Emissions, TX Mode, 9kHz-30MHz (ANT 1M)	77
Spurious Emissions, TX Mode, 30MHz-1GHz (ANT 1M)	79
Spurious Emissions, TX Mode, 1GHz-26.5GHz (ANT 1M)	81
Spurious Emissions, Band Edges (Nordic Original 2M).....	87
Spurious Emissions, TX Mode, 1GHz-26.5GHz (Nordic Original 2M).....	99
Spurious Emissions, AC Mains (802.15.4).....	105
Spurious Emissions, AC Mains (BLE 2M)	107

Spurious Emissions, AC Mains (BLE long range) 109

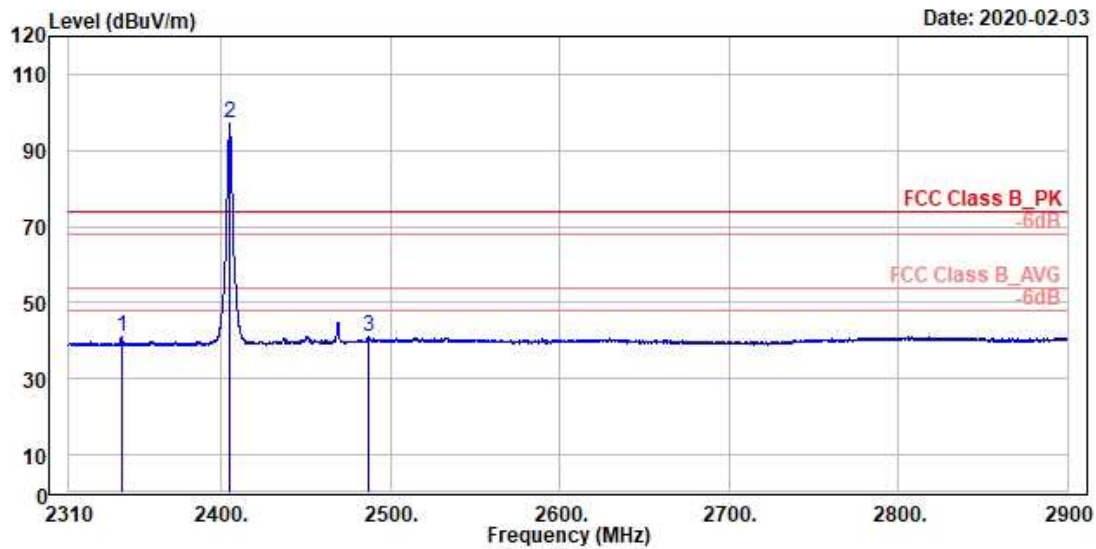
Spurious Emissions, AC Mains (ANT 1M) 111

Spurious Emissions, Band Edges (802.15.4)

2405MHz_Horizontal_Average



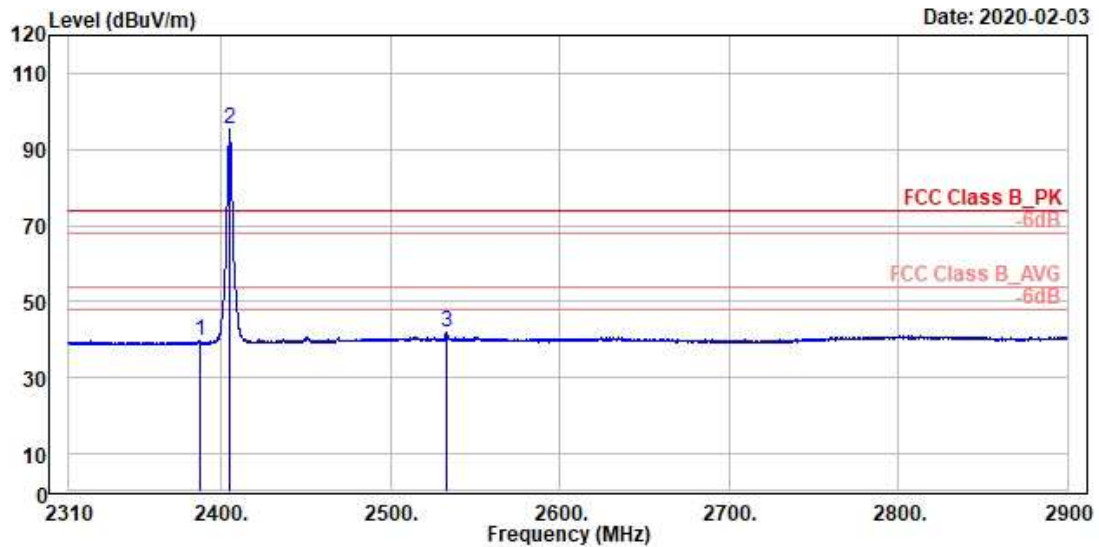
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



	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	2341.152	40.93	3.77	37.16	54.00	-13.07	144	176	Average	Horizontal
2 *	2405.000	97.12	59.96	37.16	54.00	43.12	144	176	Average	Horizontal
3	2486.764	40.98	3.39	37.59	54.00	-13.02	144	176	Average	Horizontal



TÜV 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

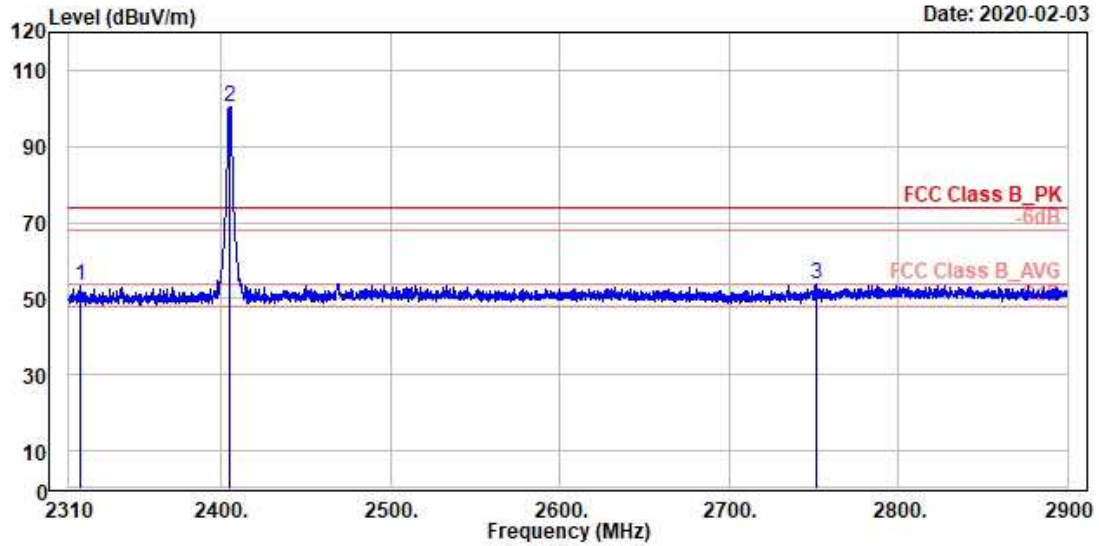


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2387.054	39.55	2.40	37.15	54.00	-14.45	298	290	Average	Vertical
2 *	2404.990	95.36	58.20	37.16	54.00	41.36	298	290	Average	Vertical
3	2532.784	41.95	4.12	37.83	54.00	-12.05	298	290	Average	Vertical

2405MHz_Horizontal_Peak



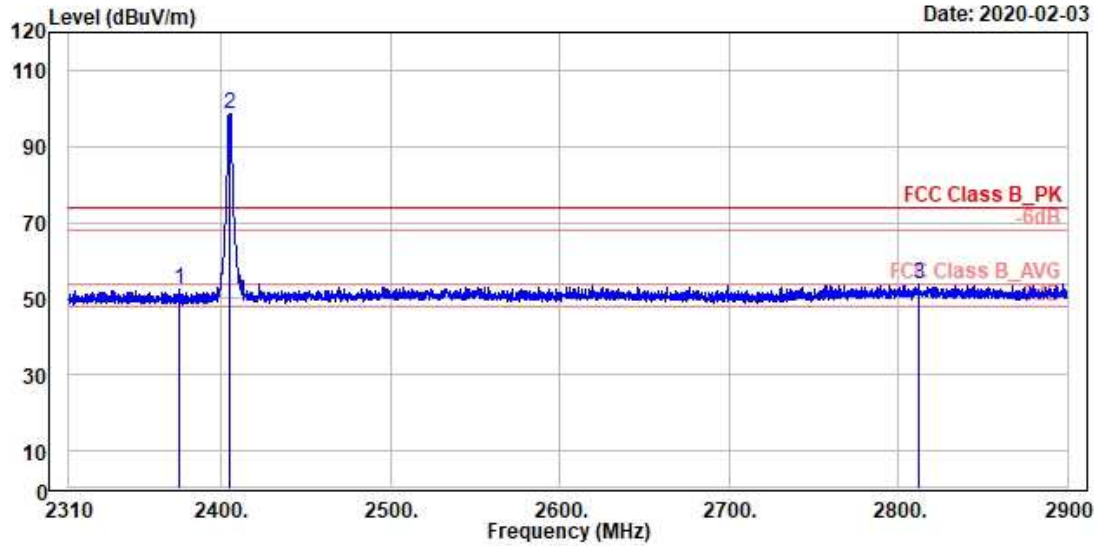
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2317.080	53.25	16.12	37.13	74.00	-20.75	144	176	Peak	Horizontal
2 *	2405.000	100.44	63.28	37.16	74.00	26.44	144	176	Peak	Horizontal
3	2752.146	53.78	15.71	38.07	74.00	-20.22	144	176	Peak	Horizontal



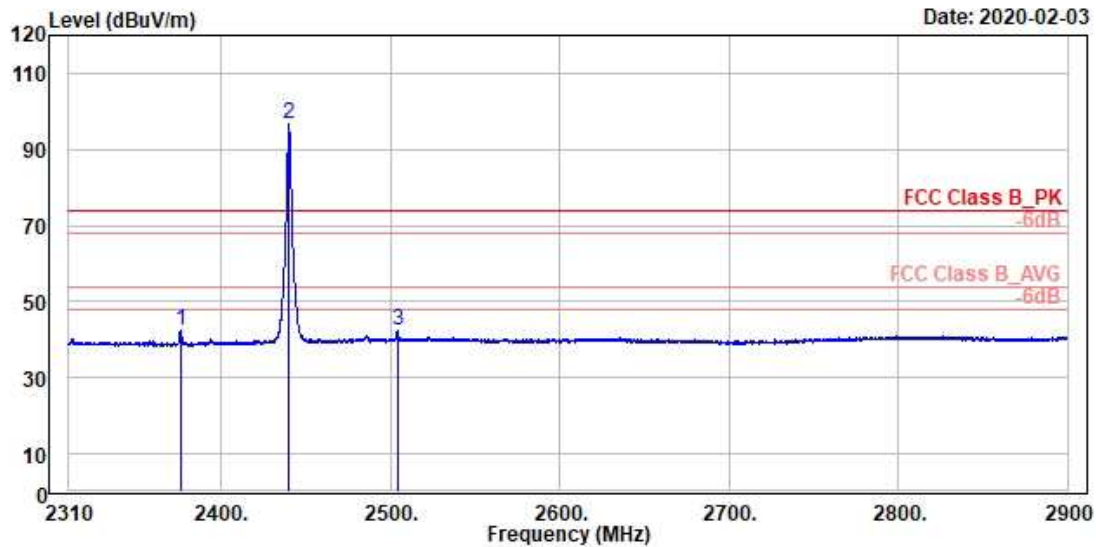
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2375.490	52.30	15.14	37.16	74.00	-21.70	298	290	Peak	Vertical
2 *	2405.000	98.68	61.52	37.16	74.00	24.68	298	290	Peak	Vertical
3	2812.326	53.81	15.69	38.12	74.00	-20.19	298	290	Peak	Vertical



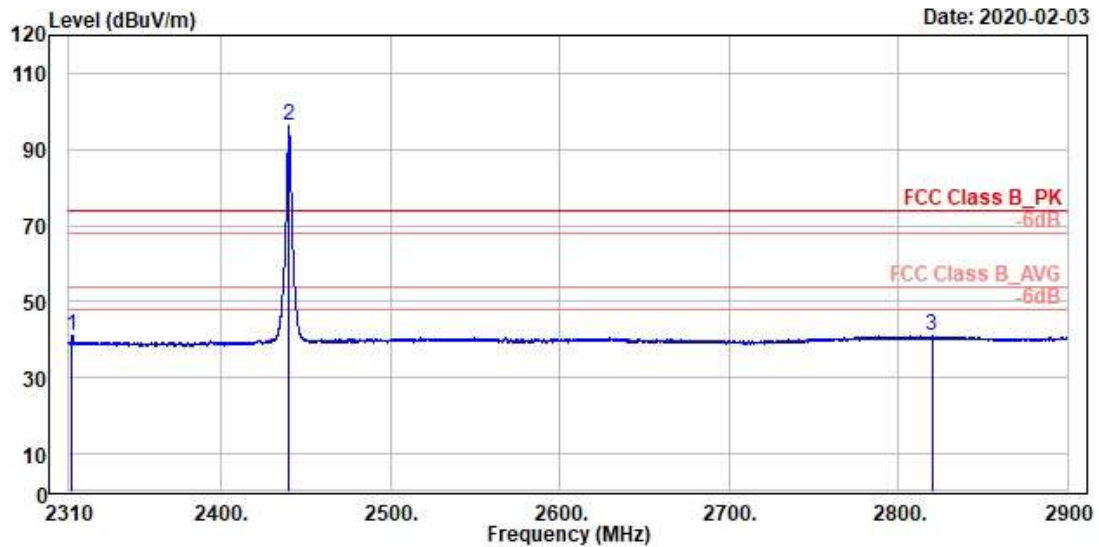
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



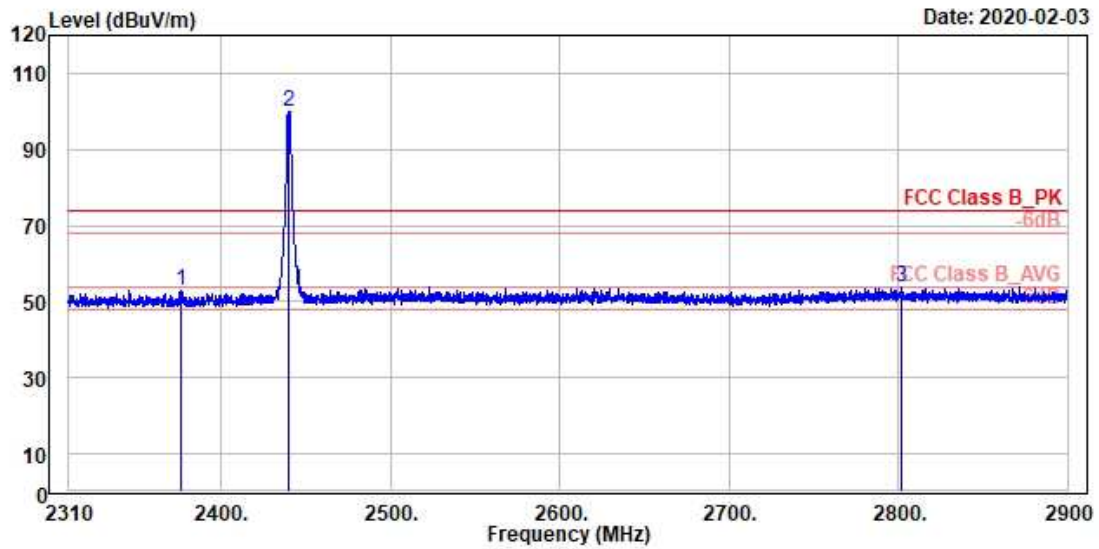
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2375.844	42.38	5.22	37.16	54.00	-11.62	102	285	Average	Horizontal
2 *	2440.000	96.68	59.33	37.35	54.00	42.68	102	285	Average	Horizontal
3	2503.992	42.24	4.56	37.68	54.00	-11.76	102	285	Average	Horizontal



TÜV 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



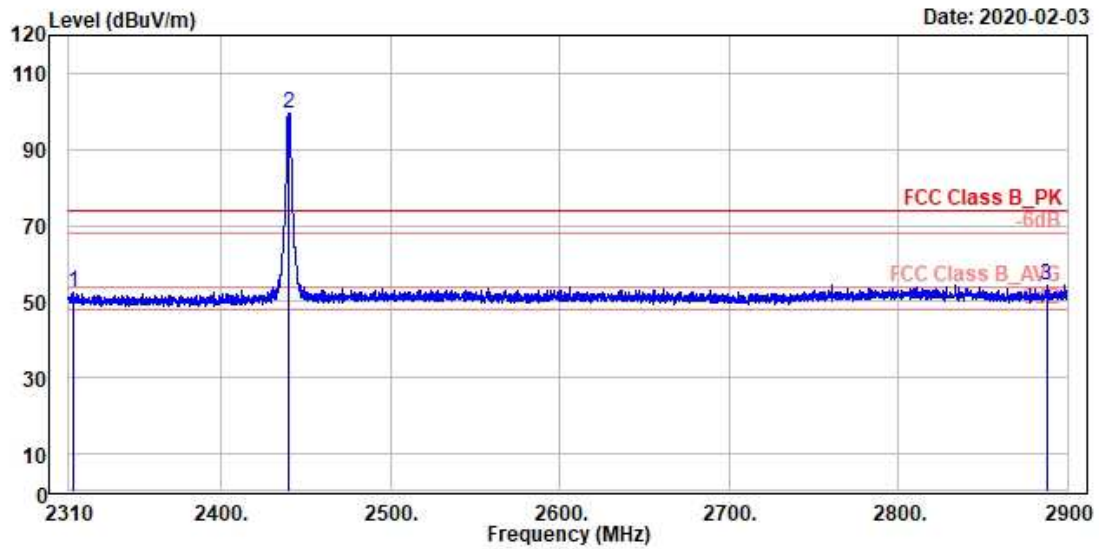
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2311.652	41.21	4.08	37.13	54.00	-12.79	294	290	Average	Vertical
2 *	2440.000	96.23	58.88	37.35	54.00	42.23	294	290	Average	Vertical
3	2819.996	40.95	2.84	38.11	54.00	-13.05	294	290	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	2375.844	52.79	15.63	37.16	74.00	-21.21	102	285	Peak	Horizontal
2 *	2440.000	100.04	62.69	37.35	74.00	26.04	102	285	Peak	Horizontal
3	2801.706	53.91	15.78	38.13	74.00	-20.09	102	285	Peak	Horizontal



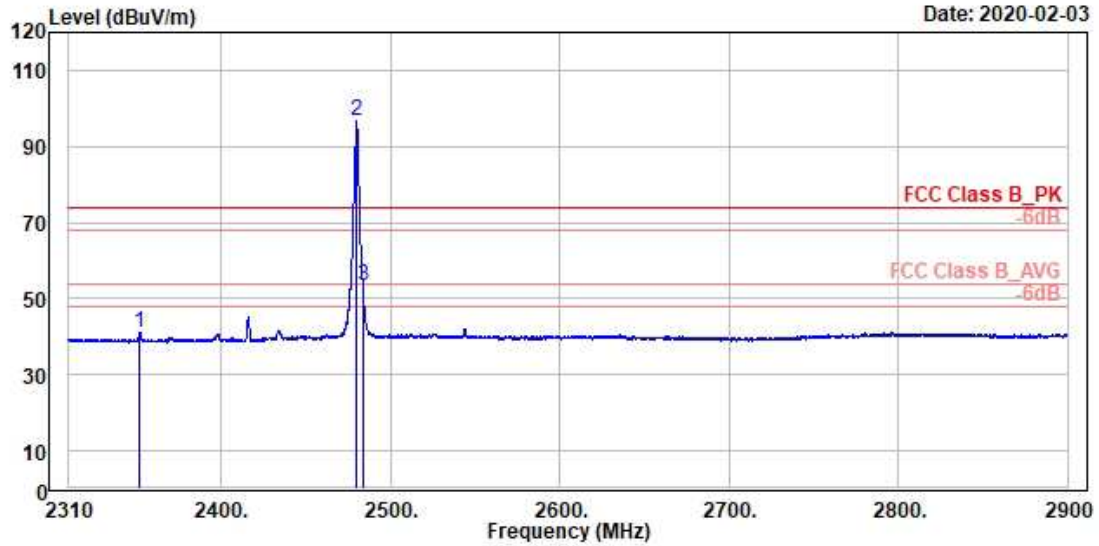
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2312.478	52.35	15.22	37.13	74.00	-21.65	294	290	Peak	Vertical
2 *	2440.000	99.40	62.05	37.35	74.00	25.40	294	290	Peak	Vertical
3	2887.728	54.38	16.33	38.05	74.00	-19.62	294	290	Peak	Vertical



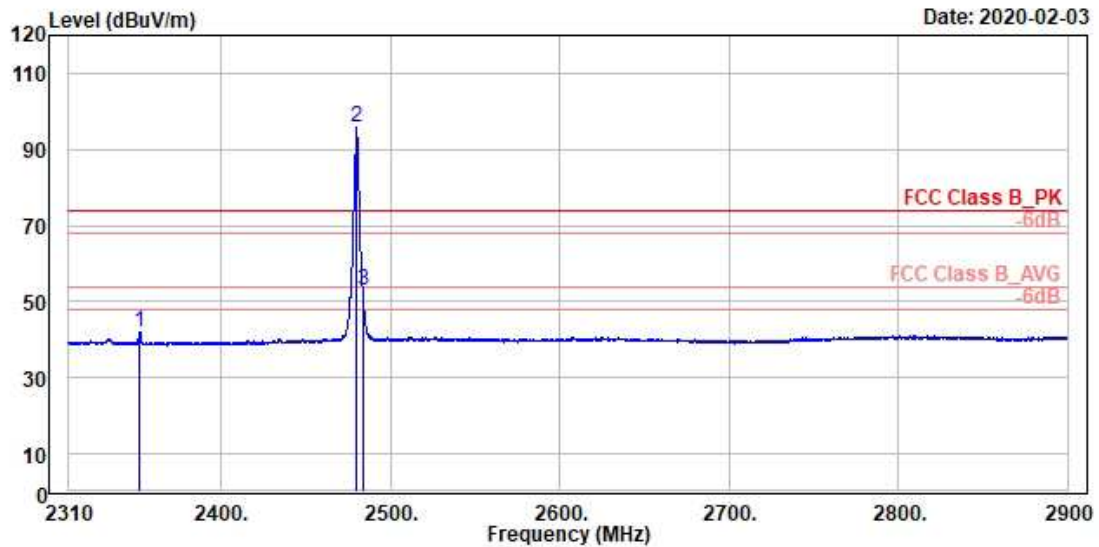
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2351.772	41.23	4.05	37.18	54.00	-12.77	110	176	Average	Horizontal
2 *	2480.000	96.83	59.27	37.56	54.00	42.83	110	176	Average	Horizontal
3 !	2483.500	53.52	15.95	37.57	54.00	-0.48	110	176	Average	Horizontal



TÜV 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

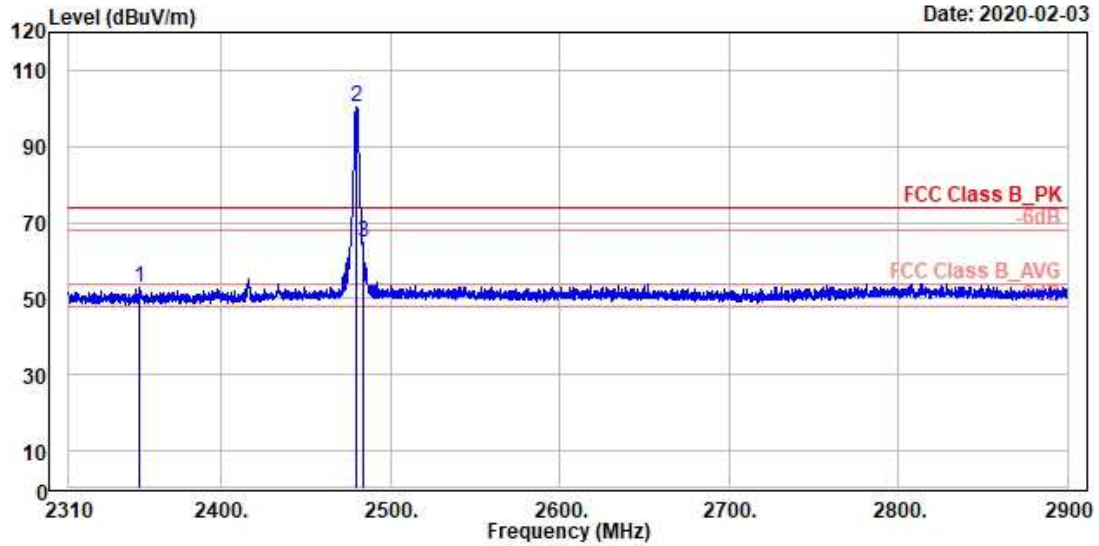


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2352.008	42.10	4.92	37.18	54.00	-11.90	282	288	Average	Vertical
2 *	2480.038	95.63	58.07	37.56	54.00	41.63	282	288	Average	Vertical
3 !	2483.460	52.83	15.26	37.57	54.00	-1.17	282	288	Average	Vertical

2480MHz_Horizontal_Peak



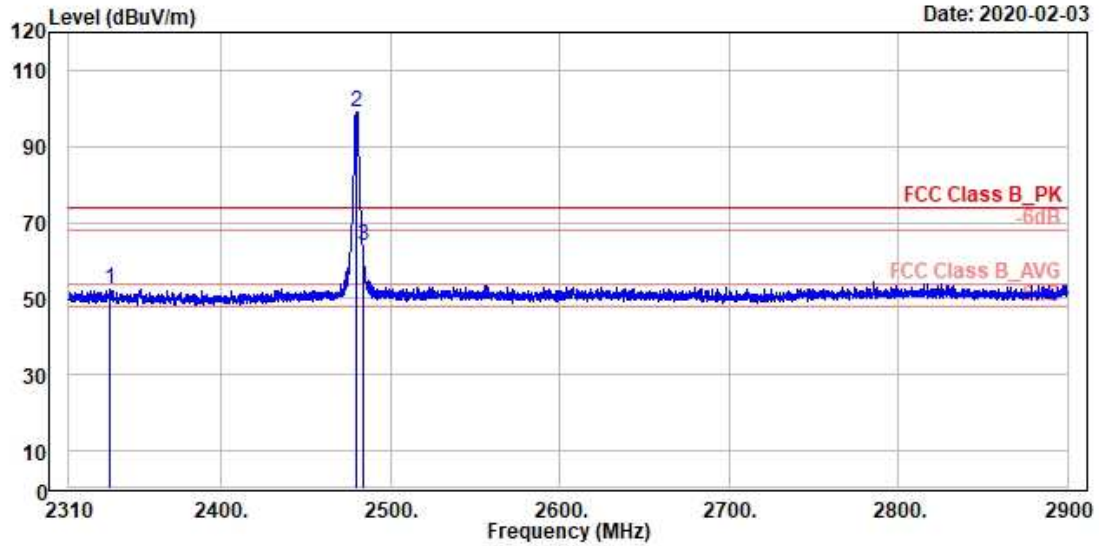
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



	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	2352.008	53.05	15.87	37.18	74.00	-20.95	110	176	Peak	Horizontal
2 *	2480.000	100.29	62.73	37.56	74.00	26.29	110	176	Peak	Horizontal
3	2483.578	64.63	27.06	37.57	74.00	-9.37	110	176	Peak	Horizontal



TÜV 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

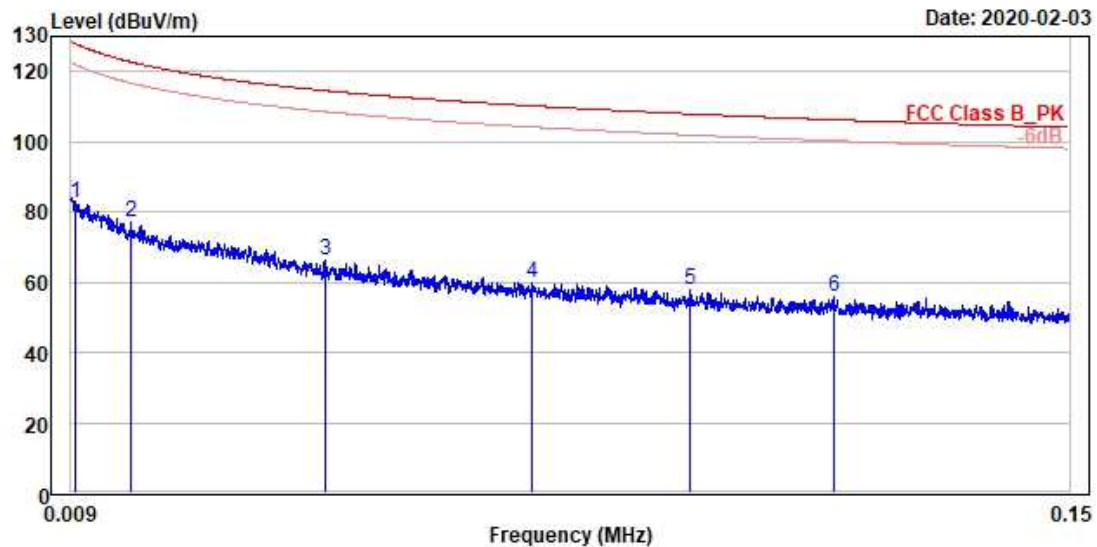


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2334.190	52.62	15.47	37.15	74.00	-21.38	282	288	Peak	Vertical
2 *	2479.566	99.01	61.46	37.55	74.00	25.01	282	288	Peak	Vertical
3	2483.500	63.90	26.33	37.57	74.00	-10.10	282	288	Peak	Vertical

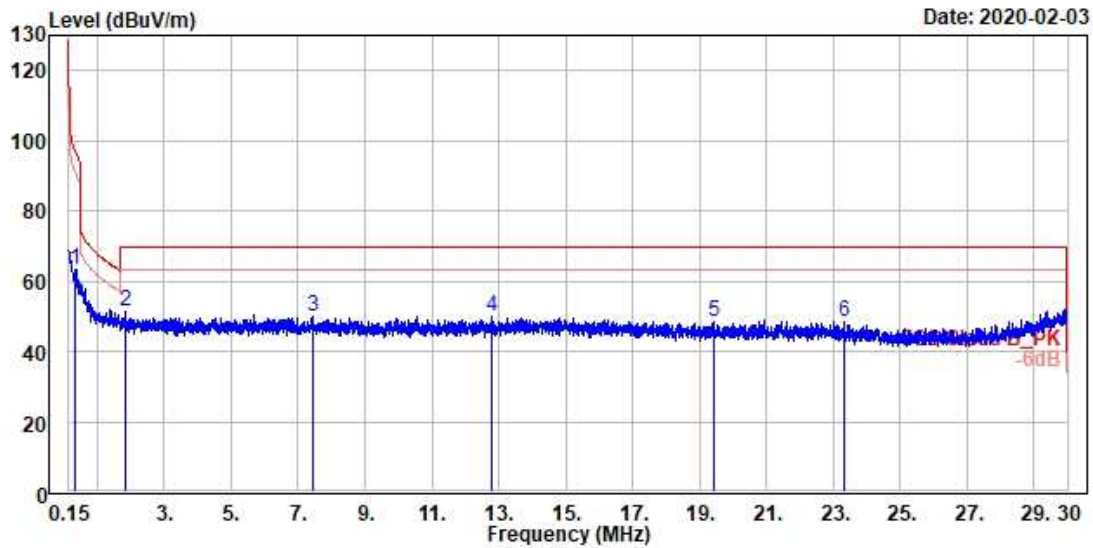
Spurious Emissions, TX Mode, 9kHz-30MHz (802.15.4)



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



	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	Level	Factor	Line	Limit			
			dBuV	dB/m	dBuV/m	dB	cm	deg	
1	0.010	82.62	3.42	79.20	127.87	-45.25	100	185 QP	vertical
2	0.017	76.91	2.78	74.13	122.74	-45.83	100	2 QP	vertical
3	0.045	66.01	-0.30	66.31	114.54	-48.53	100	68 QP	vertical
4	0.074	59.95	-1.95	61.90	110.20	-50.25	100	360 QP	vertical
5	0.096	58.06	-1.62	59.68	107.92	-49.86	100	272 QP	vertical
6	0.117	55.97	-2.31	58.28	106.26	-50.29	100	249 QP	vertical

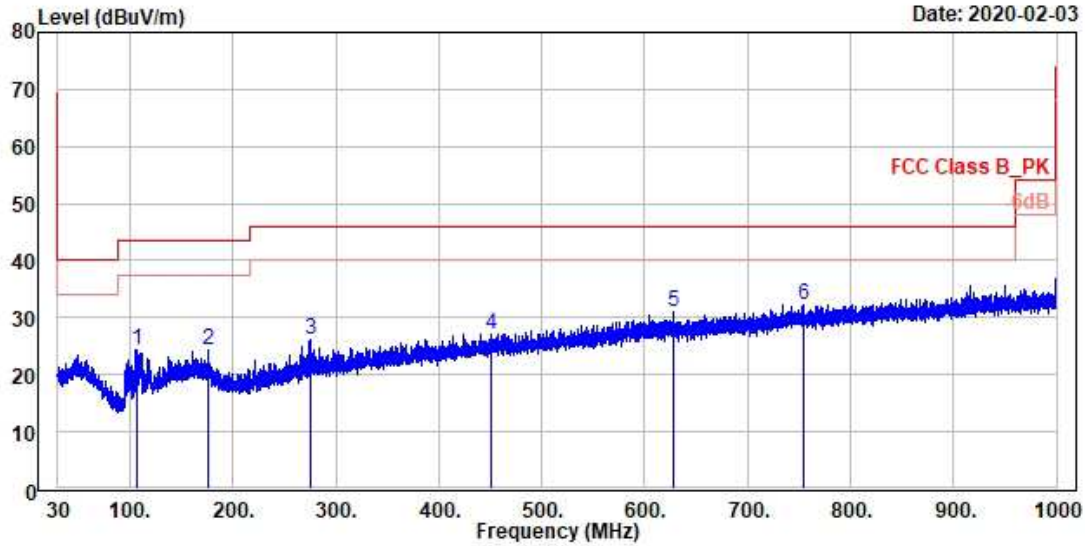


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.356	63.49	14.21	49.28	96.57	-33.08	100	92	QP	vertical
2	1.848	51.25	12.36	38.89	69.50	-18.25	100	192	QP	vertical
3	7.430	49.77	11.53	38.24	69.50	-19.73	100	0	QP	vertical
4	12.800	50.11	12.72	37.39	69.50	-19.39	100	124	QP	vertical
5	19.412	48.51	12.14	36.37	69.50	-20.99	100	209	QP	vertical
6	23.340	48.51	13.17	35.34	69.50	-20.99	100	225	QP	vertical

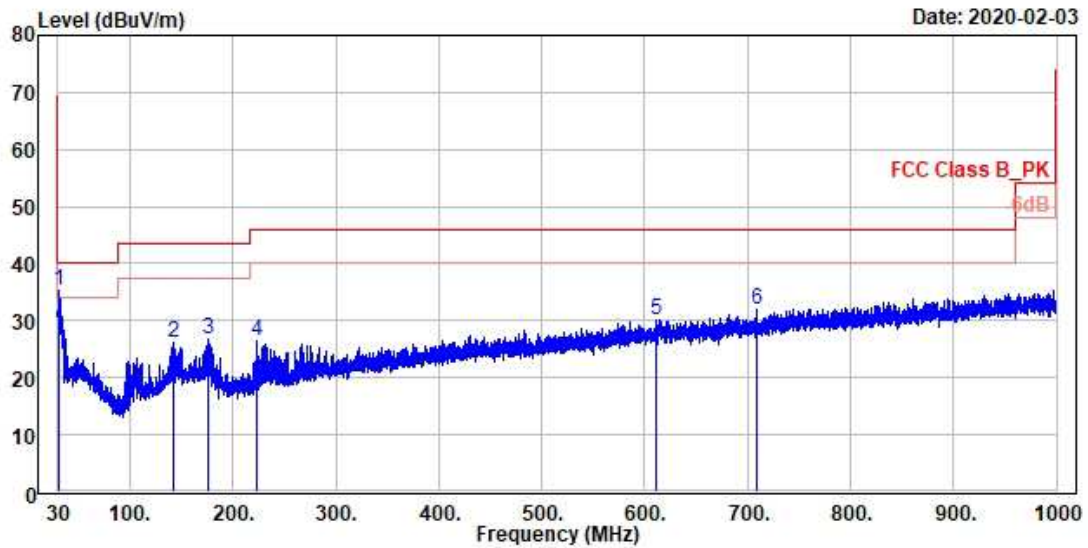
Spurious Emissions, TX Mode, 30MHz-1GHz (802.15.4)



TÜV 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



	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	107.309	24.31	34.17	-9.86	43.50	-19.19	300	176	QP	horizontal
2	175.985	24.41	31.16	-6.75	43.50	-19.09	300	112	QP	horizontal
3	275.701	26.19	31.73	-5.54	46.00	-19.81	100	4	QP	horizontal
4	451.659	27.17	29.38	-2.21	46.00	-18.83	100	290	QP	horizontal
5	628.199	31.10	30.64	0.46	46.00	-14.90	200	104	QP	horizontal
6	755.172	32.39	29.98	2.41	46.00	-13.61	100	332	QP	horizontal



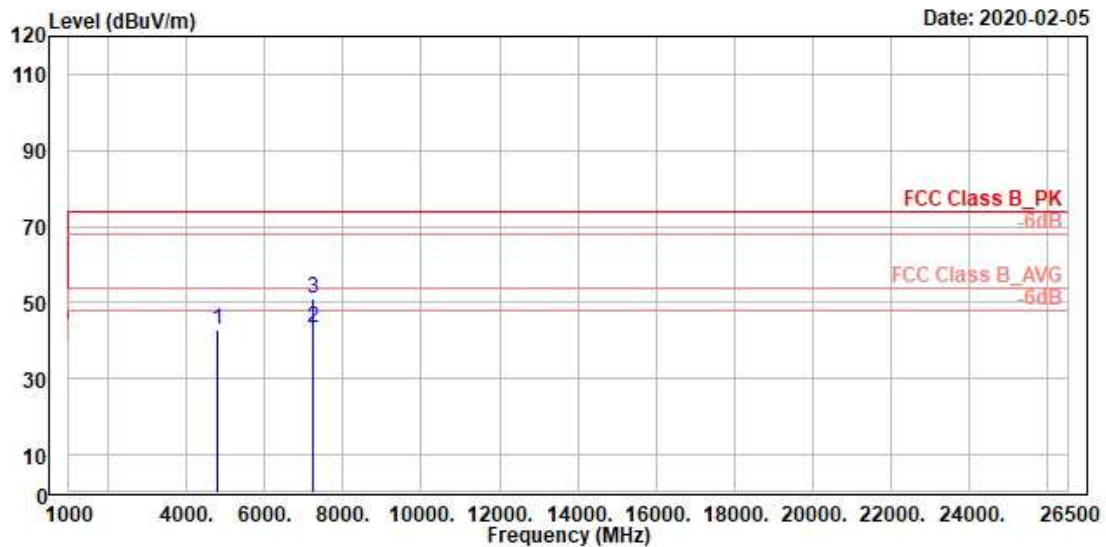
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	30.970	35.35	43.14	-7.79	40.00	-4.65	100	324	QP	vertical
2	142.423	26.22	32.69	-6.47	43.50	-17.28	100	320	QP	vertical
3	175.985	26.66	33.41	-6.75	43.50	-16.84	100	356	QP	vertical
4	223.612	26.41	34.53	-8.12	46.00	-19.59	100	314	QP	vertical
5	610.836	30.19	29.86	0.33	46.00	-15.81	300	253	QP	vertical
6	708.709	31.91	30.48	1.43	46.00	-14.09	200	158	QP	vertical

Spurious Emissions, TX Mode, 1GHz-26.5GHz (802.15.4)

2405MHz_Horizontal



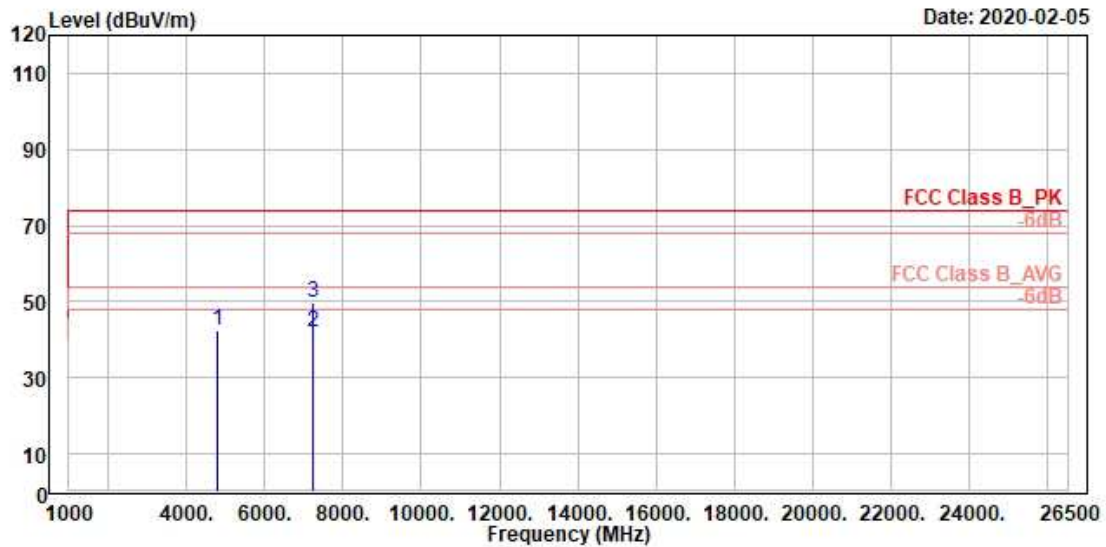
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	4810.000	42.70	52.72	-10.02	74.00	-31.30	100	123	Peak	horizontal
2	7215.000	43.50	51.04	-7.54	54.00	-10.50	100	360	Average	horizontal
3	7215.000	51.06	58.60	-7.54	74.00	-22.94	100	360	Peak	horizontal



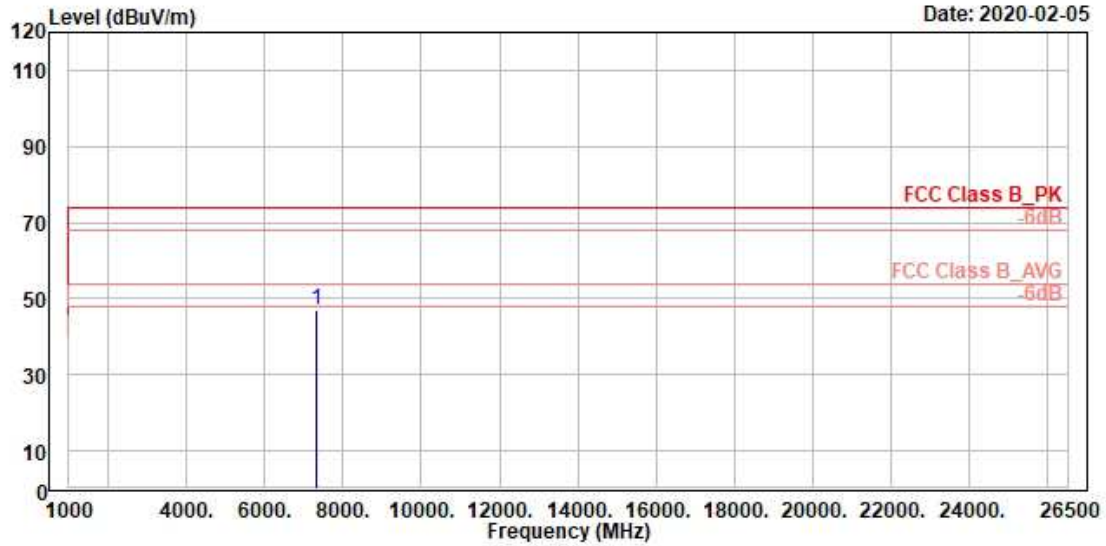
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	4810.000	42.32	52.34	-10.02	74.00	-31.68	400	0	Peak	vertical
2	7215.000	41.78	49.32	-7.54	54.00	-12.22	100	193	Average	vertical
3	7215.000	49.86	57.40	-7.54	74.00	-24.14	100	193	Peak	vertical



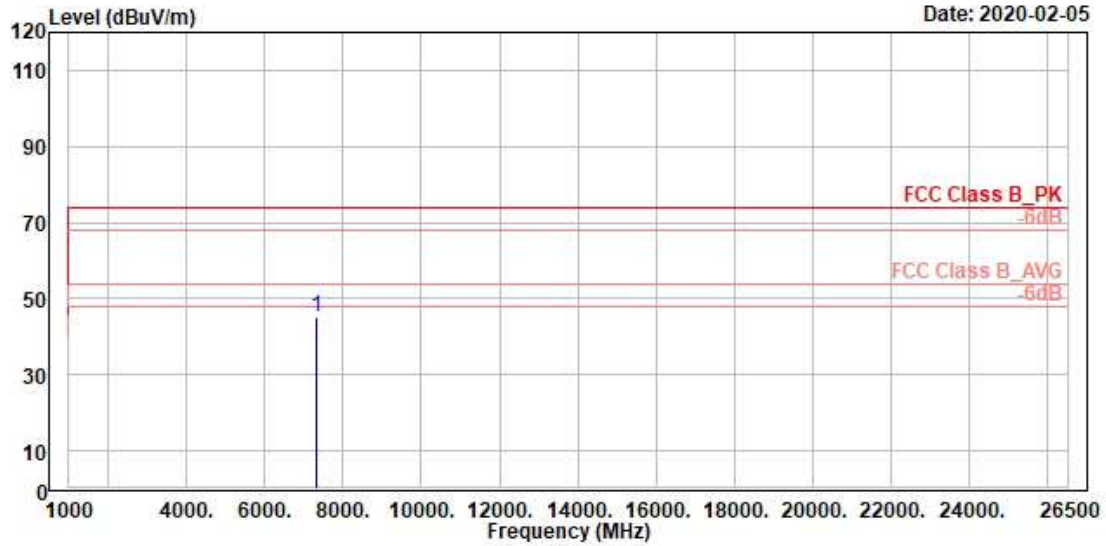
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



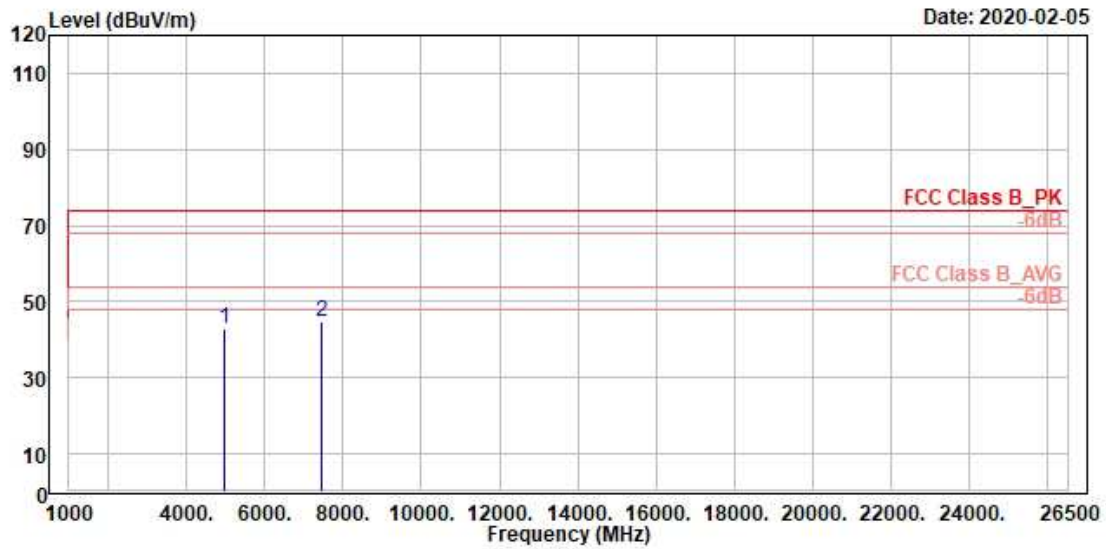
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7320.000	46.83	54.30	-7.47	74.00	-27.17	100	114	Peak	horizontal



TÜV 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



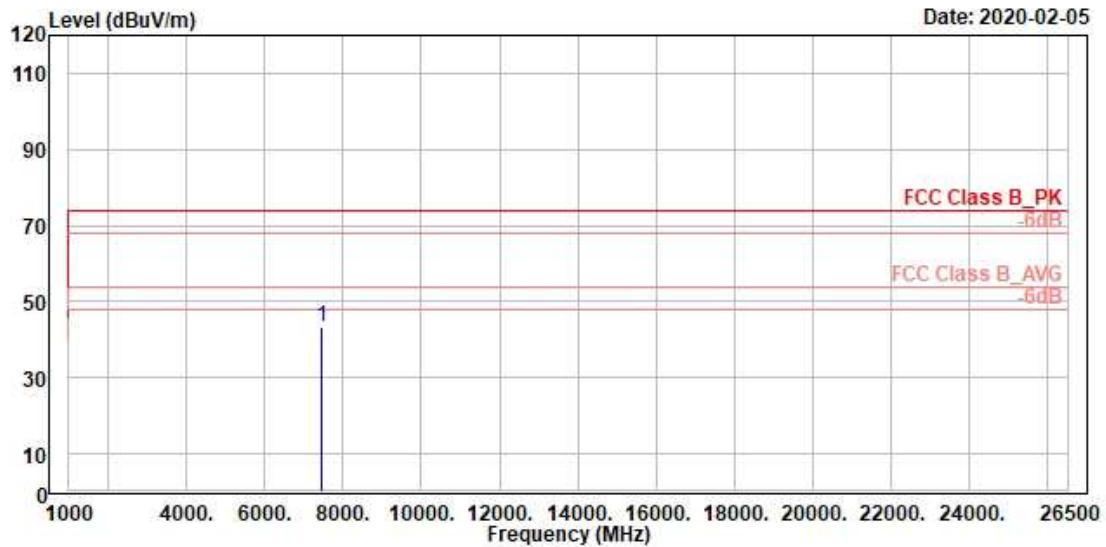
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7320.000	45.33	52.80	-7.47	74.00	-28.67	400	138	Peak	vertical



	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	4960.000	43.05	52.78	-9.73	74.00	-30.95	300	218	Peak	horizontal
2	7440.000	44.90	52.39	-7.49	74.00	-29.10	100	120	Peak	horizontal



TÜV 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



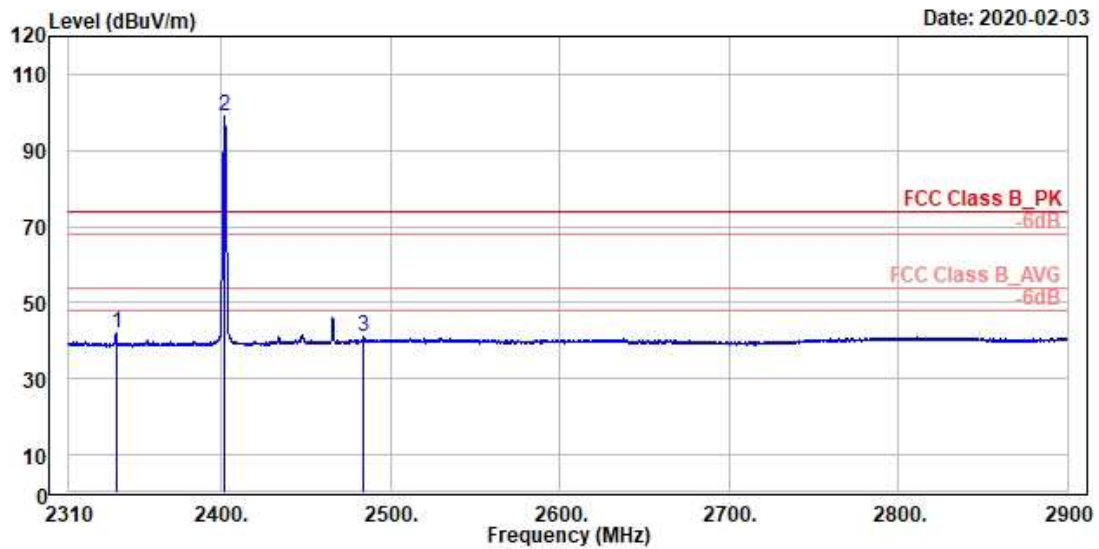
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7440.000	43.46	50.95	-7.49	74.00	-30.54	300	191	Peak	vertical

Spurious Emissions, Band Edges (BLE 1M (125K))

2402MHz_Horizontal_Average



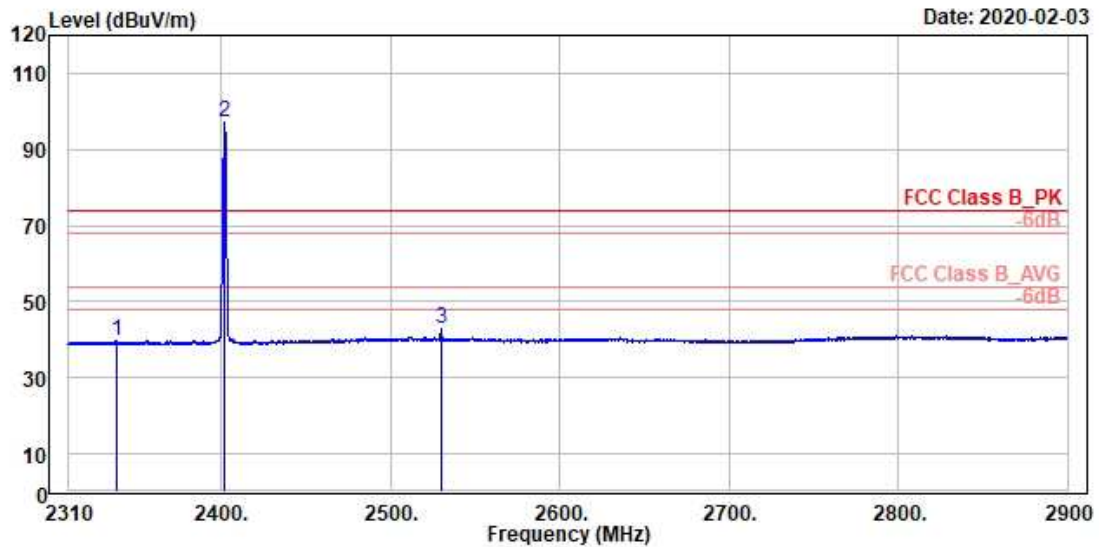
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2337.848	41.82	4.66	37.16	54.00	-12.18	145	176	Average	Horizontal
2 *	2402.000	99.01	61.86	37.15	54.00	45.01	145	176	Average	Horizontal
3	2484.286	40.88	3.30	37.58	54.00	-13.12	145	176	Average	Horizontal



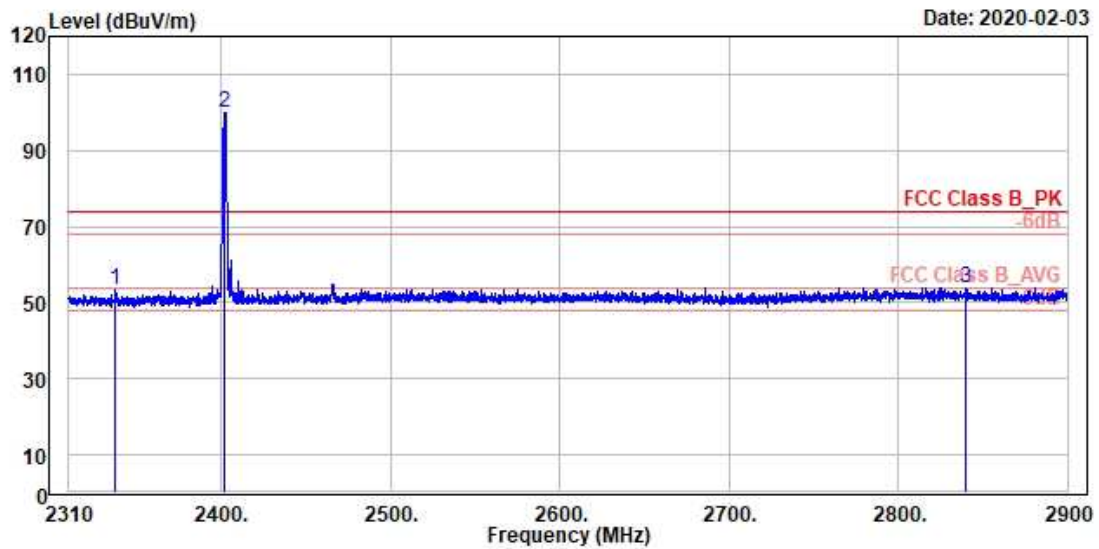
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2337.848	39.81	2.65	37.16	54.00	-14.19	304	291	Average	Vertical
2 *	2402.000	97.36	60.21	37.15	54.00	43.36	304	291	Average	Vertical
3	2530.070	42.83	5.01	37.82	54.00	-11.17	304	291	Average	Vertical



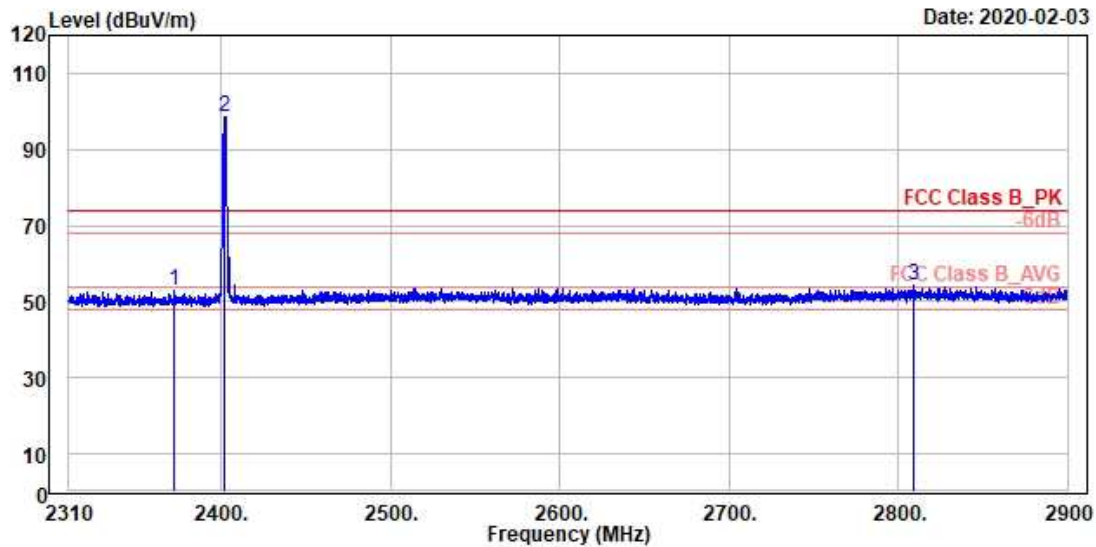
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2337.494	53.30	16.14	37.16	74.00	-20.70	145	176	Peak	Horizontal
2 *	2402.000	100.15	63.00	37.15	74.00	26.15	145	176	Peak	Horizontal
3	2840.410	54.04	15.94	38.10	74.00	-19.96	145	176	Peak	Horizontal



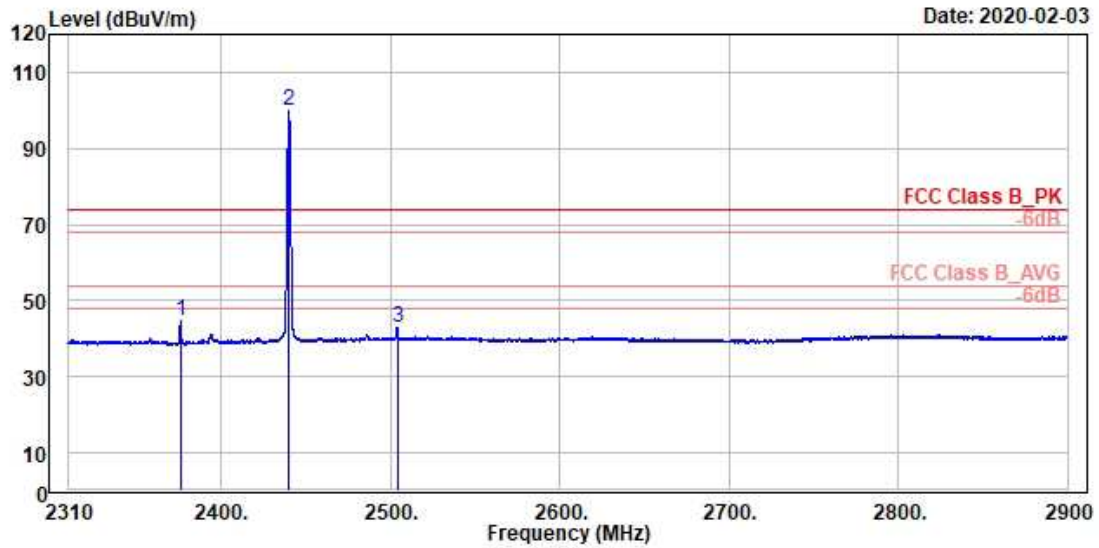
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2372.540	52.90	15.75	37.15	74.00	-21.10	304	291	Peak	Vertical
2 *	2402.000	98.49	61.34	37.15	74.00	24.49	304	291	Peak	Vertical
3	2809.494	54.12	16.00	38.12	74.00	-19.88	304	291	Peak	Vertical



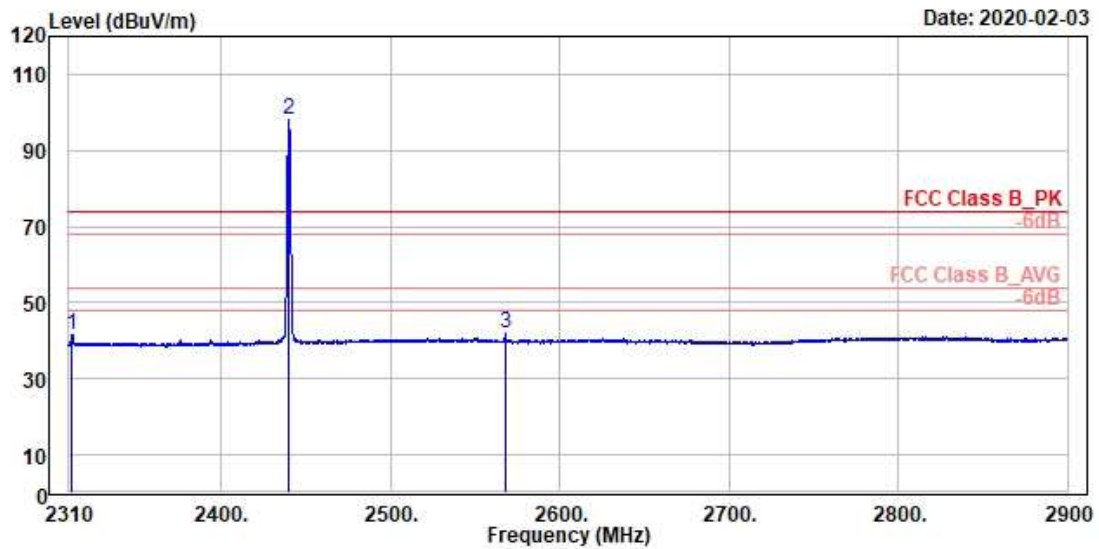
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2376.080	44.63	7.47	37.16	54.00	-9.37	144	176	Average	Horizontal
2 *	2440.000	99.95	62.60	37.35	54.00	45.95	144	176	Average	Horizontal
3	2504.110	43.10	5.41	37.69	54.00	-10.90	144	176	Average	Horizontal



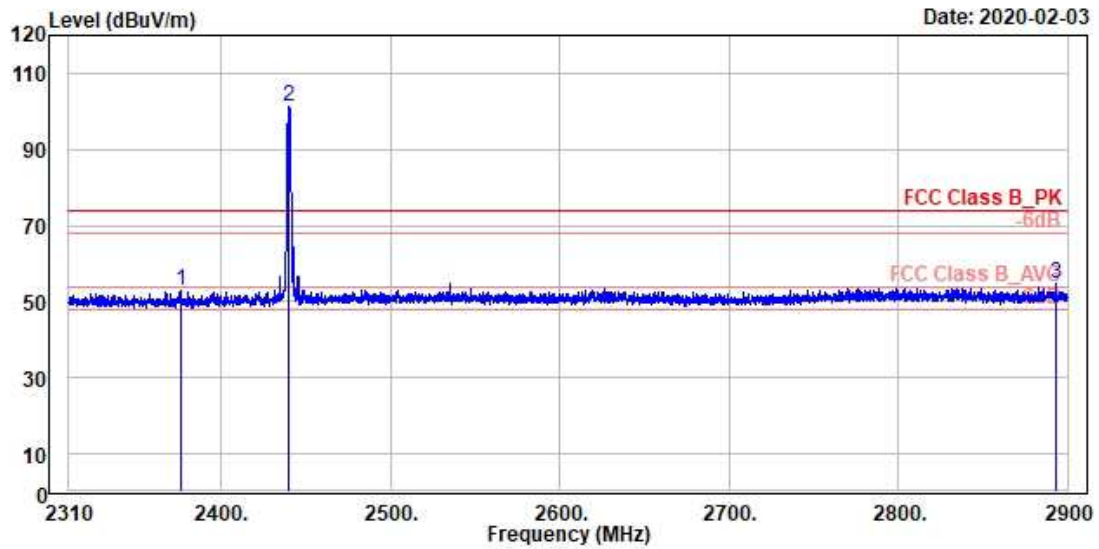
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2311.888	41.47	4.34	37.13	54.00	-12.53	293	289	Average	Vertical
2 *	2440.000	98.19	60.84	37.35	54.00	44.19	293	289	Average	Vertical
3	2567.830	41.83	3.96	37.87	54.00	-12.17	293	289	Average	Vertical



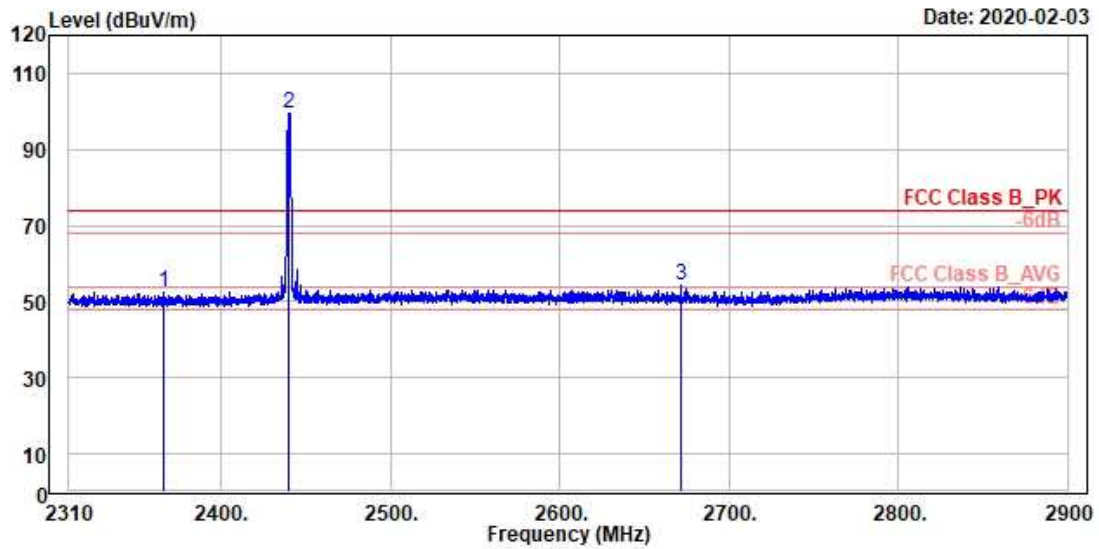
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2376.552	52.75	15.59	37.16	74.00	-21.25	144	176	Peak	Horizontal
2 *	2440.000	101.07	63.72	37.35	74.00	27.07	144	176	Peak	Horizontal
3	2893.038	54.81	16.76	38.05	74.00	-19.19	144	176	Peak	Horizontal



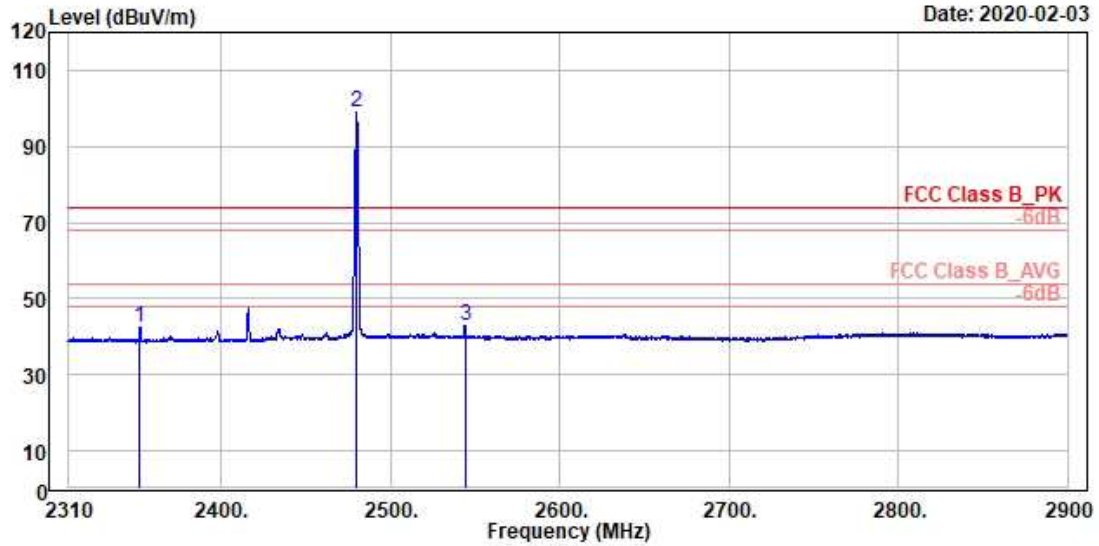
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2365.696	52.63	15.47	37.16	74.00	-21.37	293	289	Peak	Vertical
2 *	2440.000	99.33	61.98	37.35	74.00	25.33	293	289	Peak	Vertical
3	2671.670	54.17	16.56	37.61	74.00	-19.83	293	289	Peak	Vertical



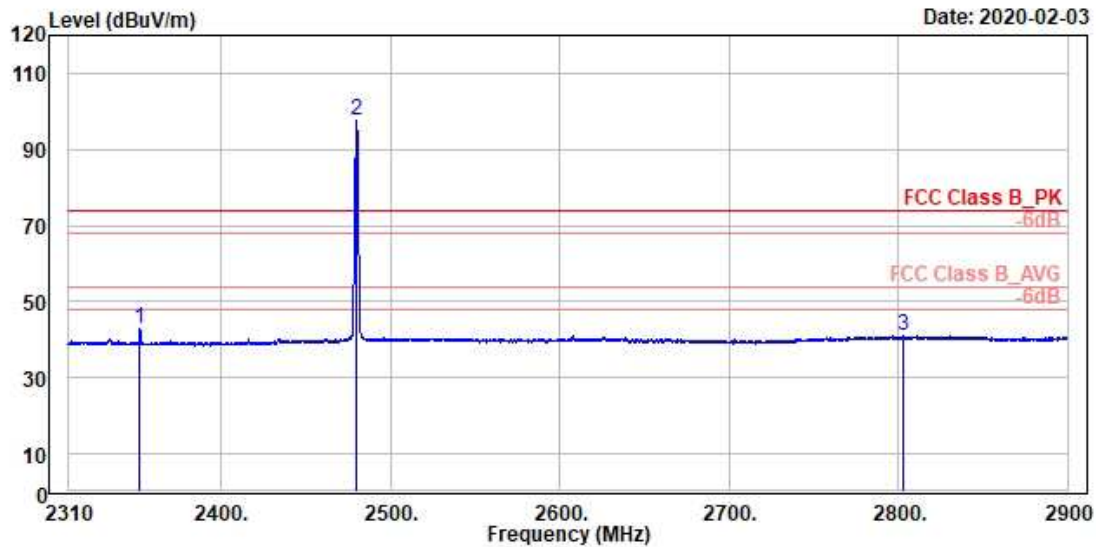
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2351.890	42.62	5.44	37.18	54.00	-11.38	110	176	Average	Horizontal
2 *	2480.000	98.90	61.34	37.56	54.00	44.90	110	176	Average	Horizontal
3	2543.994	42.78	4.89	37.89	54.00	-11.22	110	176	Average	Horizontal



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

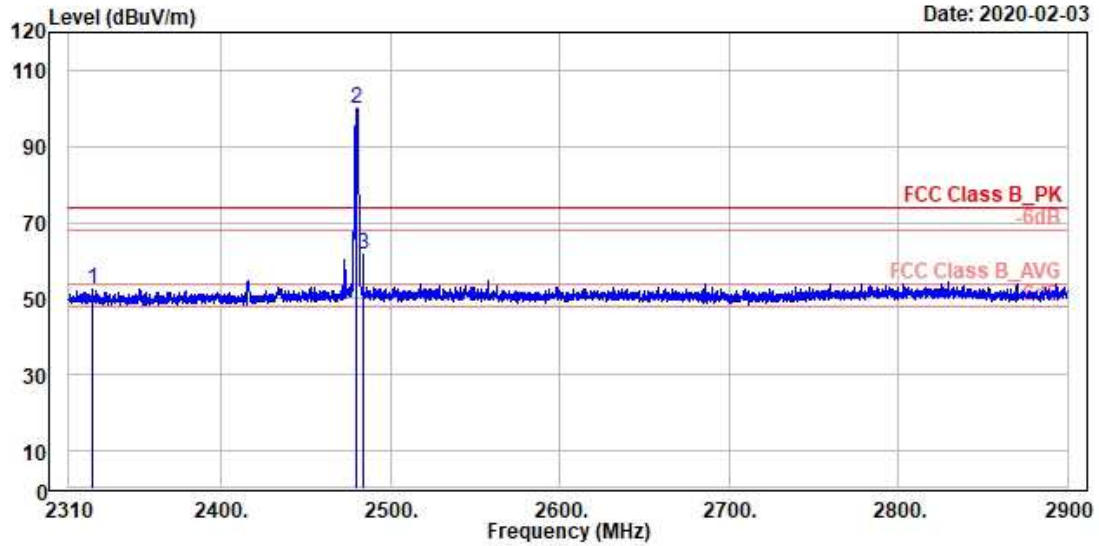


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2351.890	42.93	5.75	37.18	54.00	-11.07	283	287	Average	Vertical
2 *	2480.000	97.63	60.07	37.56	54.00	43.63	283	287	Average	Vertical
3	2803.240	40.89	2.77	38.12	54.00	-13.11	283	287	Average	Vertical

2480MHz_Horizontal_Peak



TÜV 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

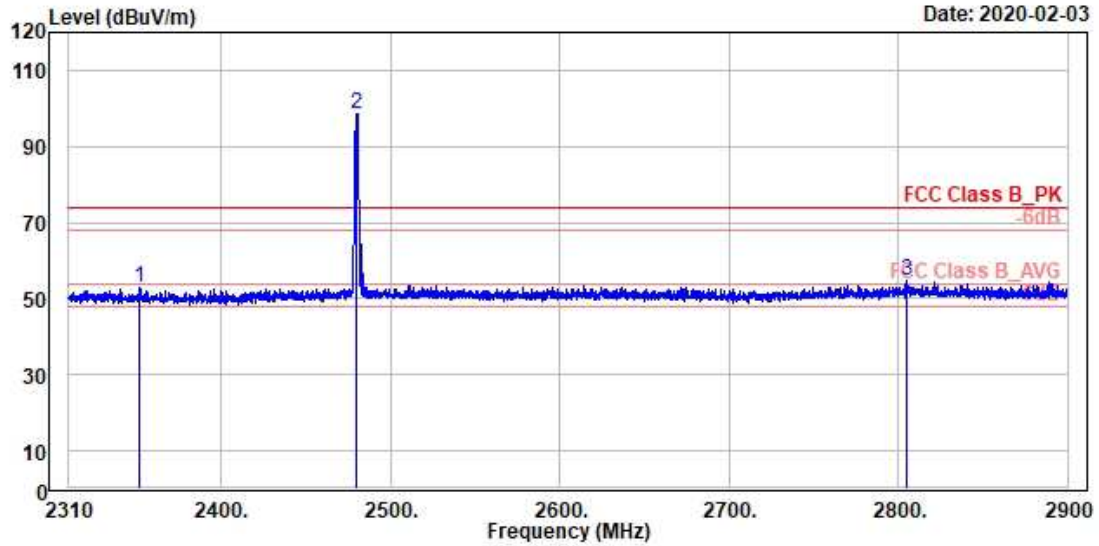


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2324.160	52.43	15.29	37.14	74.00	-21.57	110	176	Peak	Horizontal
2 *	2480.000	100.09	62.53	37.56	74.00	26.09	110	176	Peak	Horizontal
3	2483.814	61.42	23.84	37.58	74.00	-12.58	110	176	Peak	Horizontal

2480MHz_Vertical_Peak



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

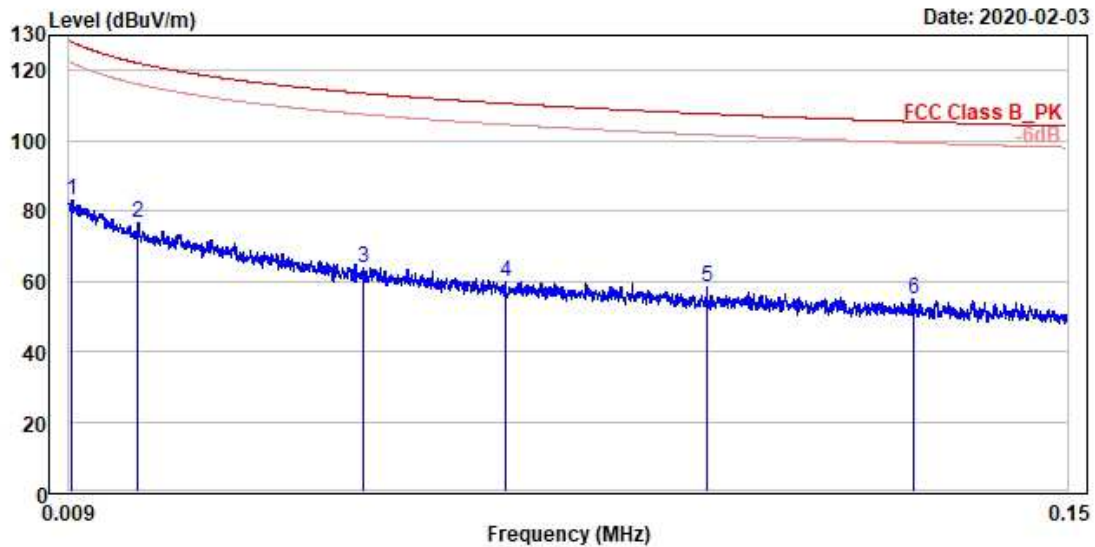


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2351.772	53.00	15.82	37.18	74.00	-21.00	283	287	Peak	Vertical
2 *	2480.000	98.78	61.22	37.56	74.00	24.78	283	287	Peak	Vertical
3	2804.656	54.70	16.58	38.12	74.00	-19.30	283	287	Peak	Vertical

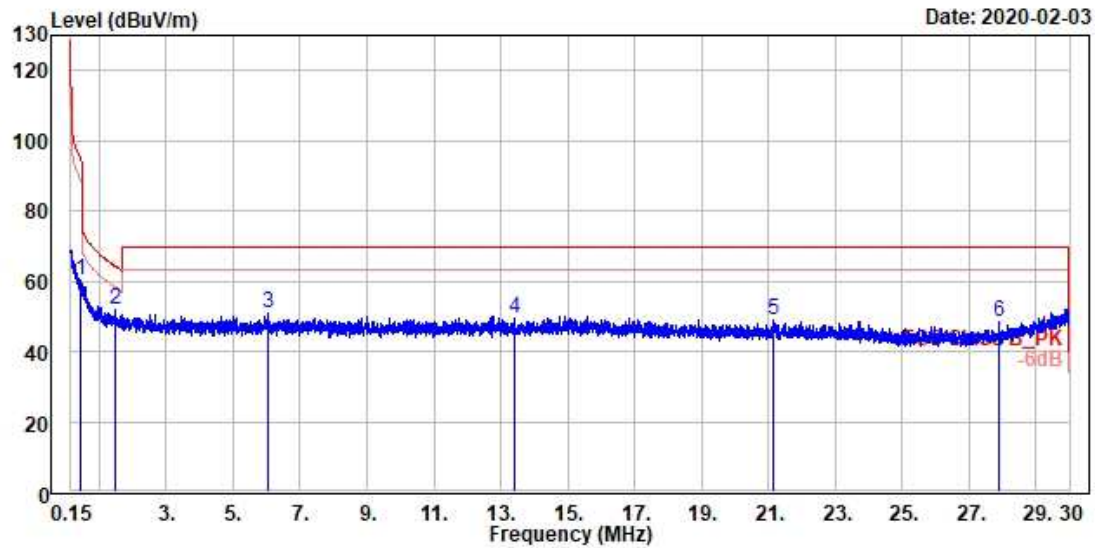
Spurious Emissions, TX Mode, 9kHz-30MHz (BLE 1M (125K))



TÜV 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



	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	0.009	83.20	3.77	79.43	128.06	-44.86	100	65	QP	vertical
2	0.019	76.65	3.34	73.31	122.12	-45.47	100	175	QP	vertical
3	0.051	63.99	-0.98	64.97	113.52	-49.53	100	149	QP	vertical
4	0.071	59.85	-2.43	62.28	110.61	-50.76	100	205	QP	vertical
5	0.099	58.18	-1.17	59.35	107.67	-49.49	100	125	QP	vertical
6	0.128	55.04	-2.57	57.61	105.44	-50.40	100	189	QP	vertical

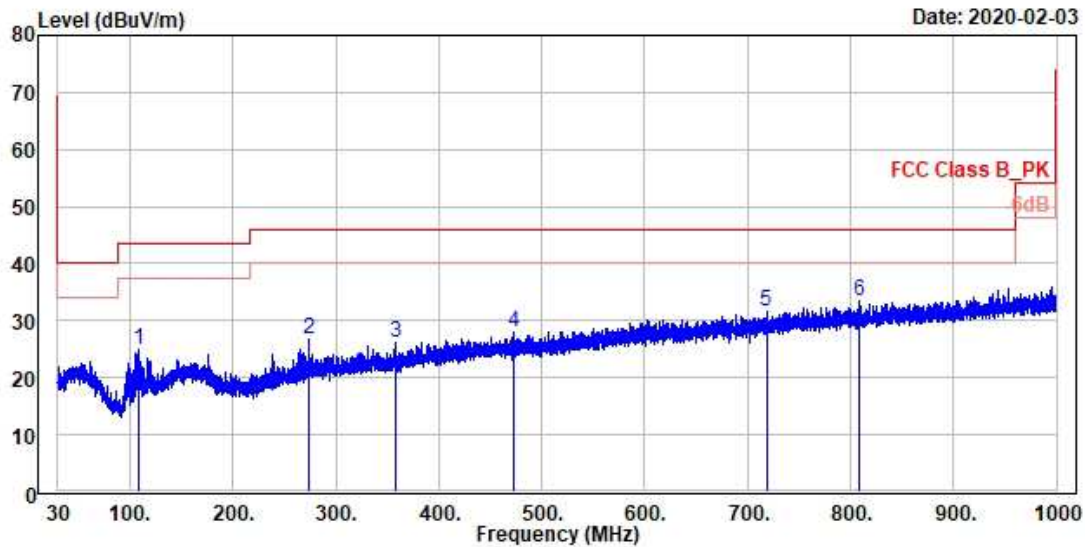


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.440	60.45	12.72	47.73	94.74	-34.29	100	360	QP	vertical
2	1.487	51.81	12.45	39.36	64.16	-12.35	100	358	QP	vertical
3	6.039	50.83	12.47	38.36	69.50	-18.67	100	360	QP	vertical
4	13.391	49.62	12.13	37.49	69.50	-19.88	100	101	QP	vertical
5	21.170	48.85	12.81	36.04	69.50	-20.65	100	1	QP	vertical
6	27.902	48.31	13.28	35.03	69.50	-21.19	100	110	QP	vertical

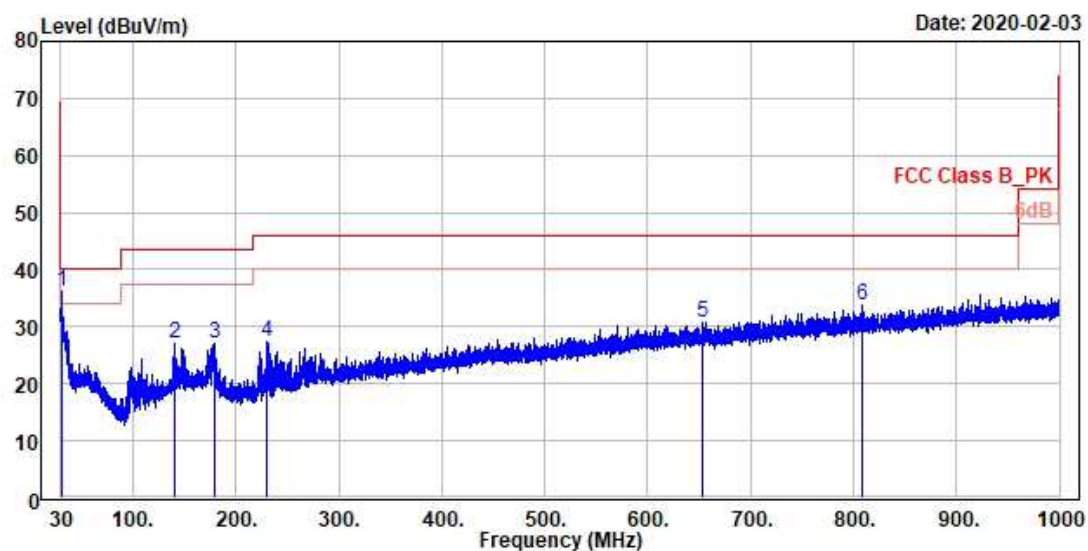
Spurious Emissions, TX Mode, 30MHz-1GHz (BLE 1M (125K))



TÜV 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



	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	108.182	24.99	34.75	-9.76	43.50	-18.51	200	343	QP	horizontal
2	273.761	26.79	32.45	-5.66	46.00	-19.21	200	356	QP	horizontal
3	357.957	26.27	30.25	-3.98	46.00	-19.73	200	164	QP	horizontal
4	472.417	27.85	30.01	-2.16	46.00	-18.15	200	11	QP	horizontal
5	718.312	31.67	30.10	1.57	46.00	-14.33	300	162	QP	horizontal
6	808.231	33.32	30.41	2.91	46.00	-12.68	200	0	QP	horizontal



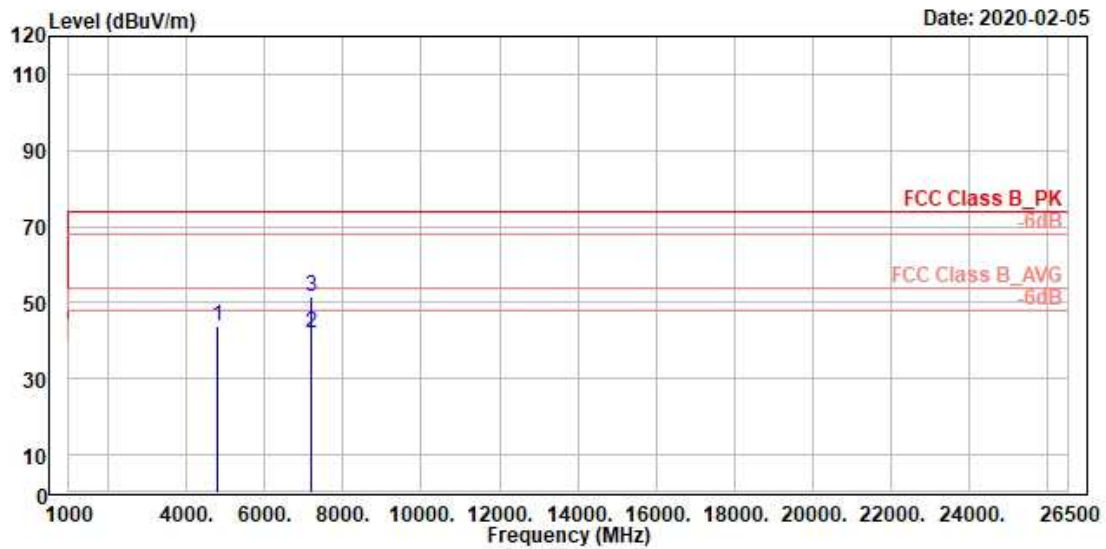
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	30.776	36.28	44.10	-7.82	40.00	-3.72	100	286	QP	vertical
2	140.386	27.14	33.74	-6.60	43.50	-16.36	100	267	QP	vertical
3	179.380	26.95	34.12	-7.17	43.50	-16.55	100	83	QP	vertical
4	229.626	27.38	34.96	-7.58	46.00	-18.62	100	324	QP	vertical
5	653.322	30.74	30.04	0.70	46.00	-15.26	200	360	QP	vertical
6	809.298	33.76	30.84	2.92	46.00	-12.24	300	66	QP	vertical

Spurious Emissions, TX Mode, 1GHz-26.5GHz (BLE 1M (125K))

2402MHz_Horizontal



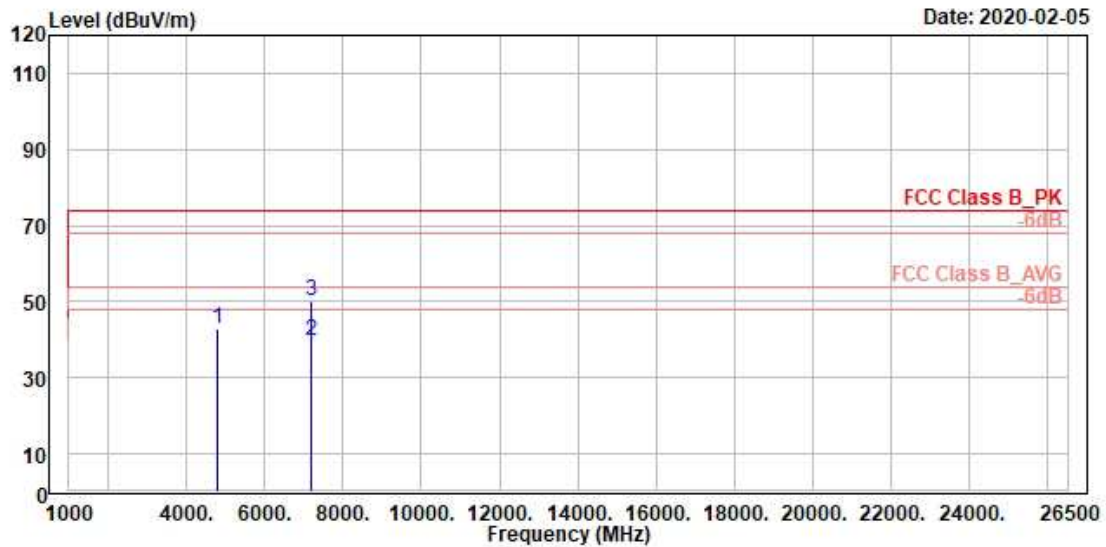
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fentiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	4804.000	43.68	53.72	-10.04	74.00	-30.32	300	135	Peak	horizontal
2	7206.000	41.94	49.50	-7.56	54.00	-12.06	100	0	Average	horizontal
3	7206.000	51.40	58.96	-7.56	74.00	-22.60	100	0	Peak	horizontal



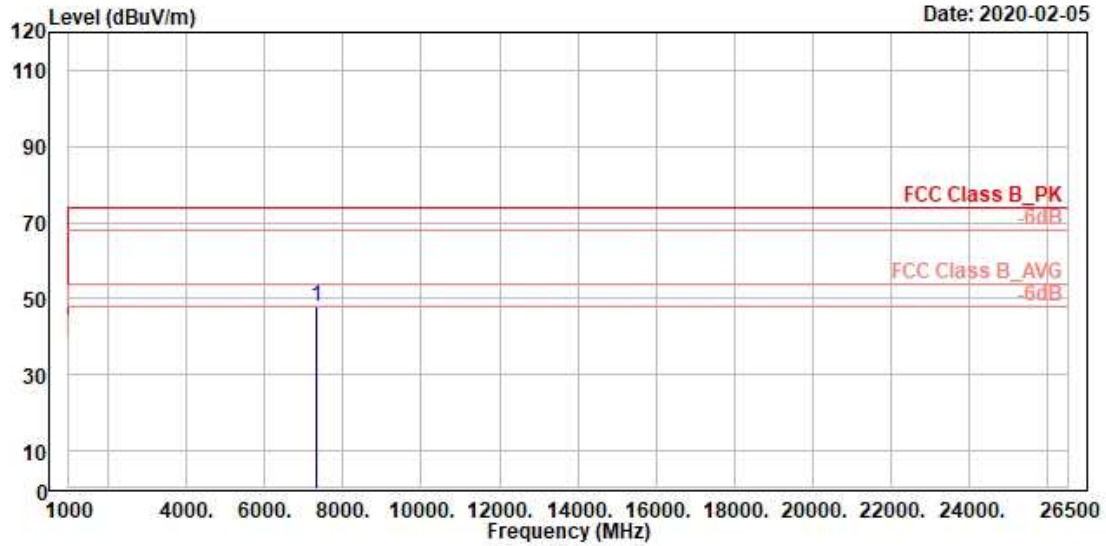
TUV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	4804.000	42.71	52.75	-10.04	74.00	-31.29	400	0	Peak	vertical
2	7206.000	39.82	47.38	-7.56	54.00	-14.18	400	144	Average	vertical
3	7206.000	50.06	57.62	-7.56	74.00	-23.94	400	144	Peak	vertical



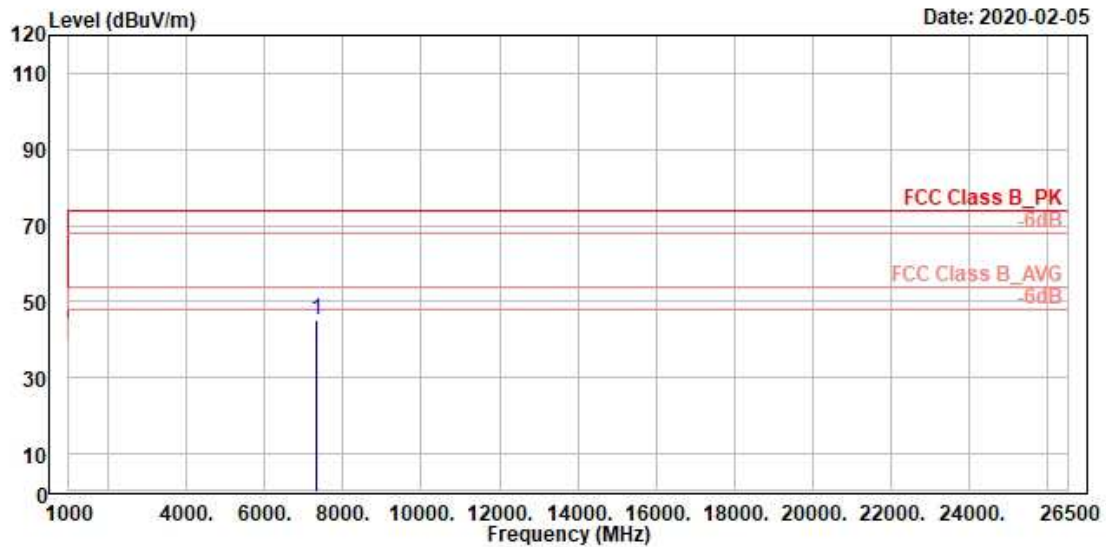
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	7320.000	47.83	55.30	-7.47	74.00	-26.17	400	60	Peak	horizontal



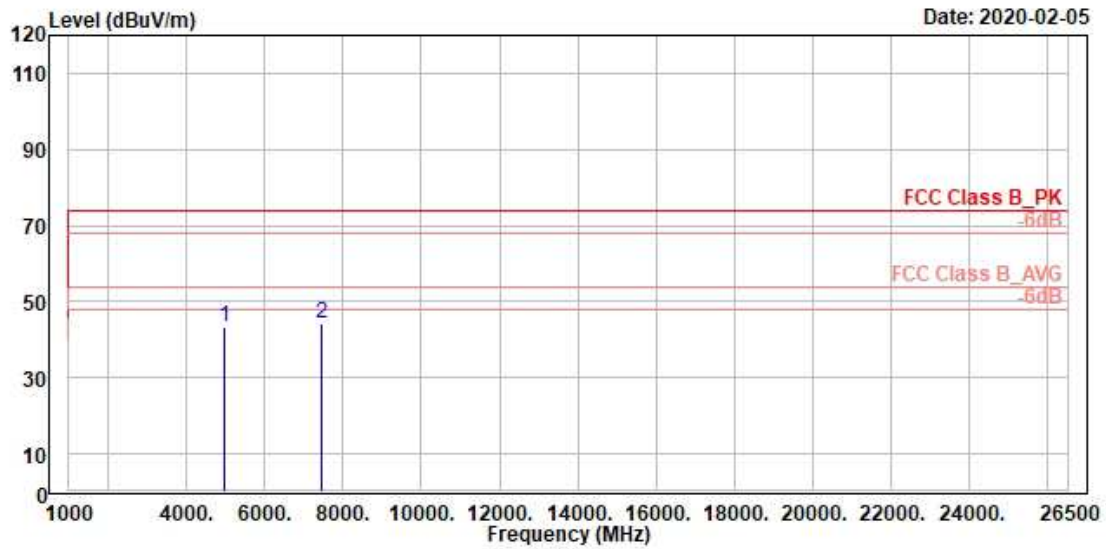
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	7320.000	45.29	52.76	-7.47	74.00	-28.71	400	148	Peak	vertical



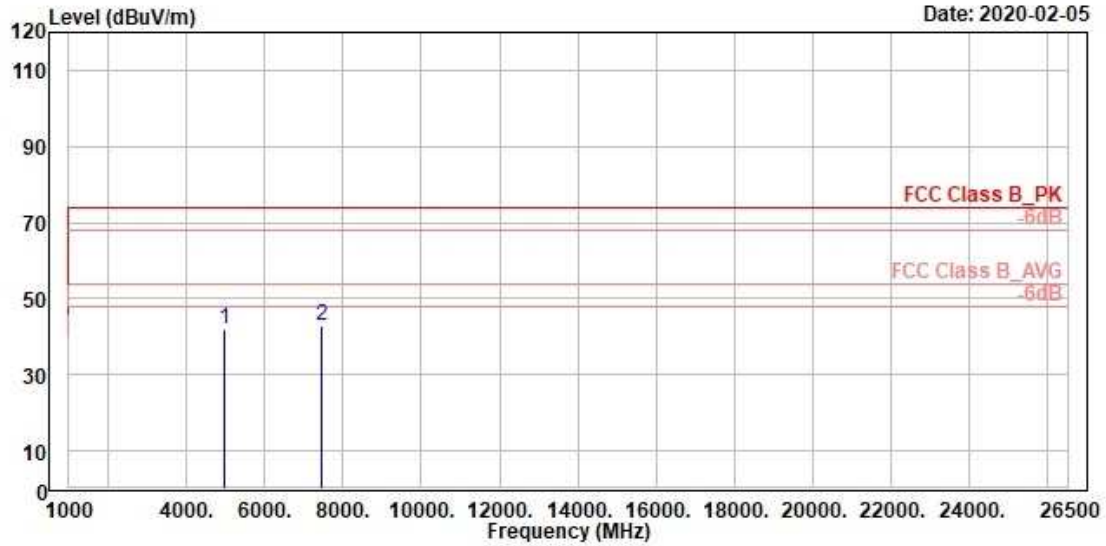
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	4960.000	43.15	52.88	-9.73	74.00	-30.85	100	224	Peak	horizontal
2	7440.000	44.25	51.74	-7.49	74.00	-29.75	300	273	Peak	horizontal



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



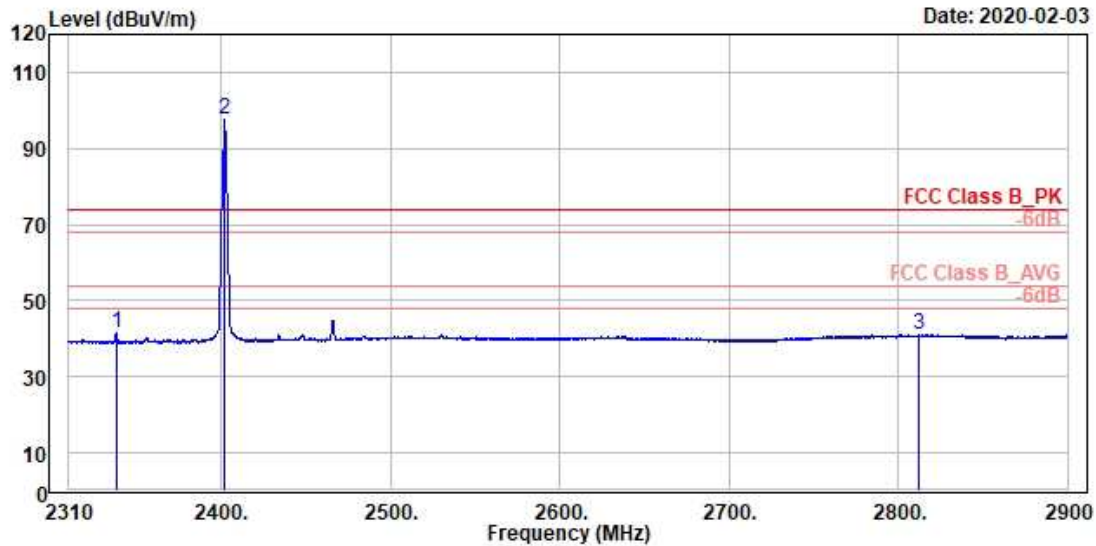
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.000	42.03	51.76	-9.73	74.00	-31.97	100	0	Peak	vertical
2	7440.000	42.77	50.26	-7.49	74.00	-31.23	100	282	Peak	vertical

Spurious Emissions, Band Edges (BLE 2M)

2402MHz_Horizontal_Average



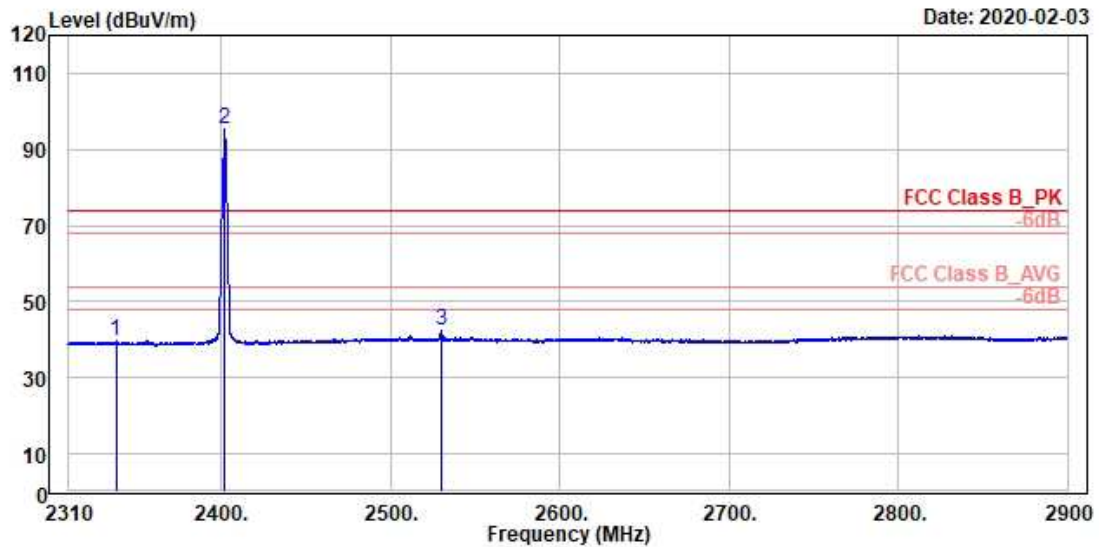
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2337.848	41.45	4.29	37.16	54.00	-12.55	145	177	Average	Horizontal
2 *	2402.000	97.42	60.27	37.15	54.00	43.42	145	177	Average	Horizontal
3	2812.090	41.07	2.95	38.12	54.00	-12.93	145	177	Average	Horizontal



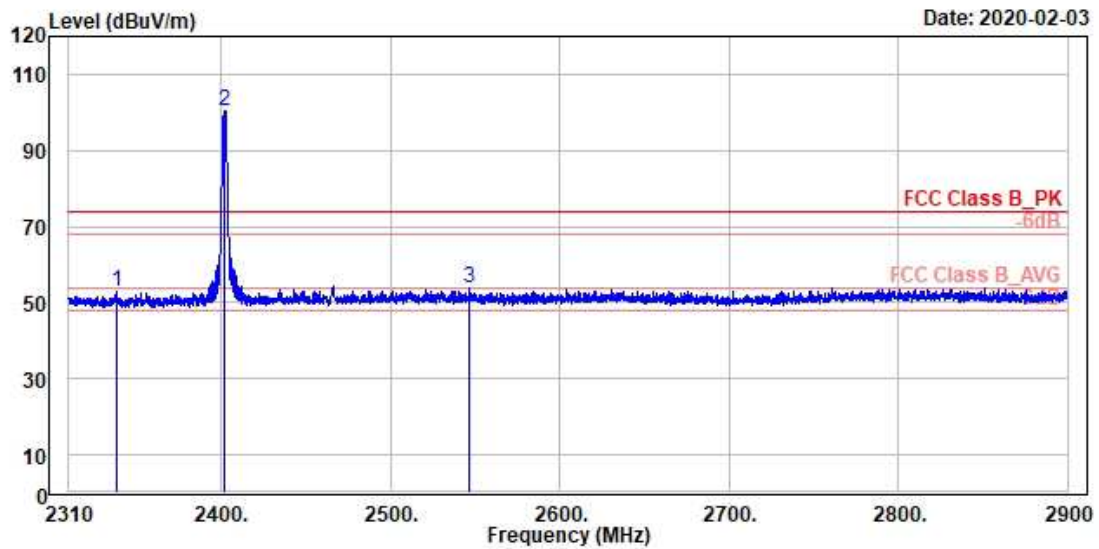
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2337.730	39.66	2.50	37.16	54.00	-14.34	304	290	Average	Vertical
2 *	2402.000	95.31	58.16	37.15	54.00	41.31	304	290	Average	Vertical
3	2529.952	42.49	4.67	37.82	54.00	-11.51	304	290	Average	Vertical



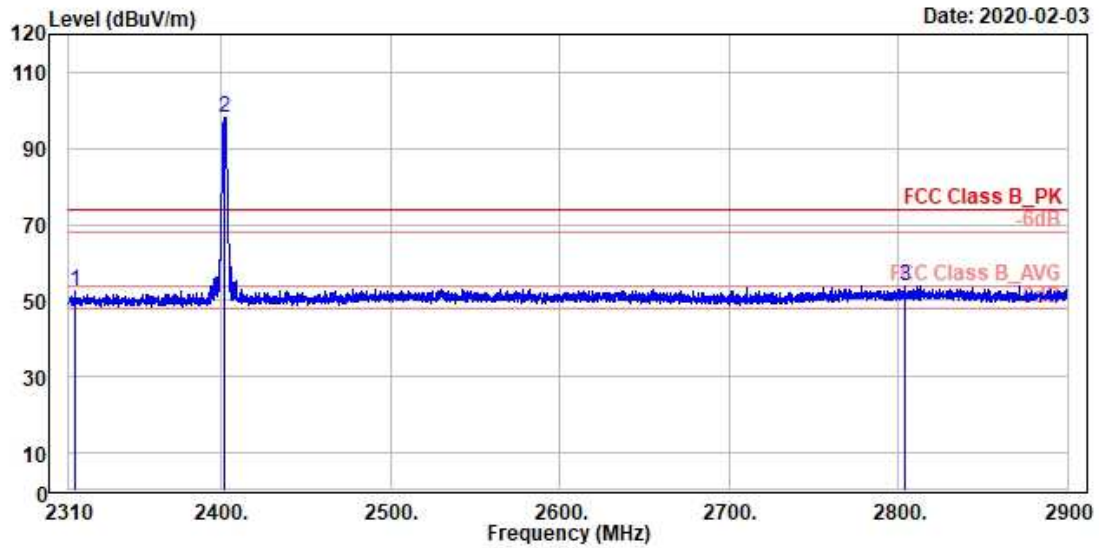
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read Level	Factor	Limit	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2338.438	53.08	15.92	37.16	74.00	-20.92	145	177	Peak	Horizontal
2 *	2402.000	100.19	63.04	37.15	74.00	26.19	145	177	Peak	Horizontal
3	2546.472	53.74	15.83	37.91	74.00	-20.26	145	177	Peak	Horizontal



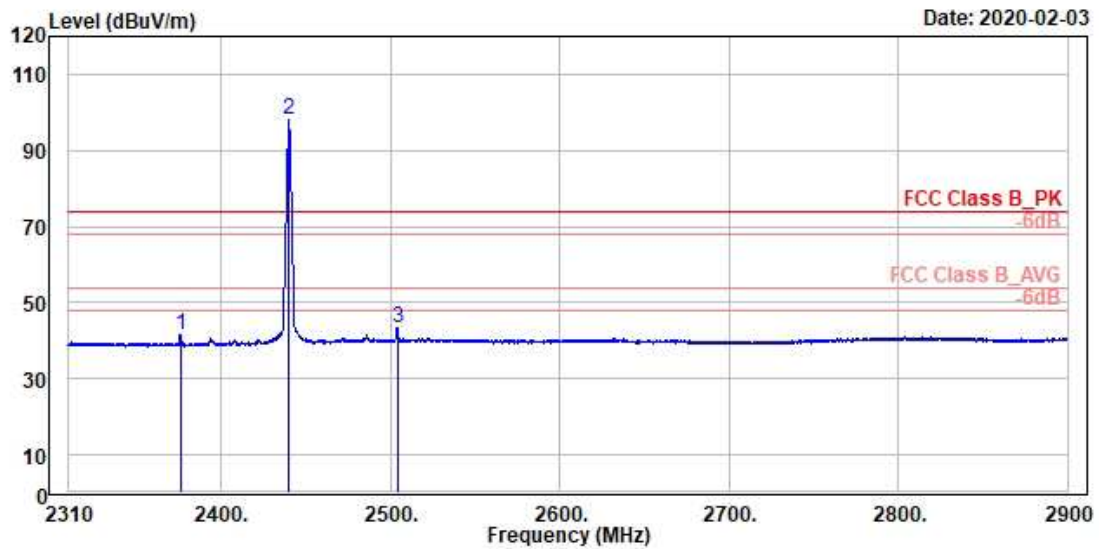
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2313.422	52.36	15.23	37.13	74.00	-21.64	304	290	Peak	Vertical
2 *	2402.000	98.10	60.95	37.15	74.00	24.10	304	290	Peak	Vertical
3	2804.420	53.88	15.76	38.12	74.00	-20.12	304	290	Peak	Vertical



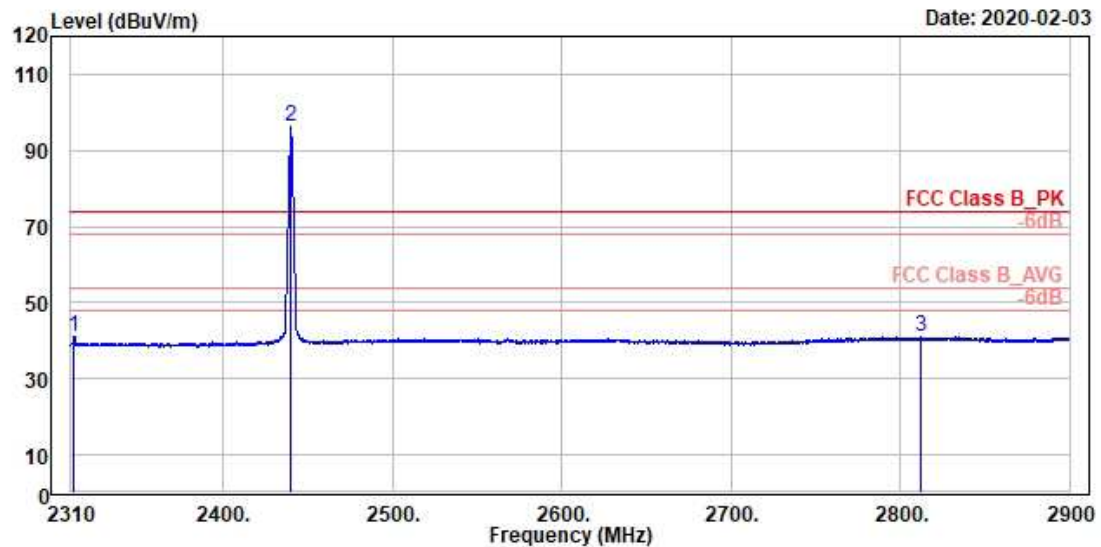
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2375.962	41.71	4.55	37.16	54.00	-12.29	160	178	Average	Horizontal
2 *	2440.000	98.13	60.78	37.35	54.00	44.13	160	178	Average	Horizontal
3	2504.110	43.47	5.78	37.69	54.00	-10.53	160	178	Average	Horizontal



TÜV 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

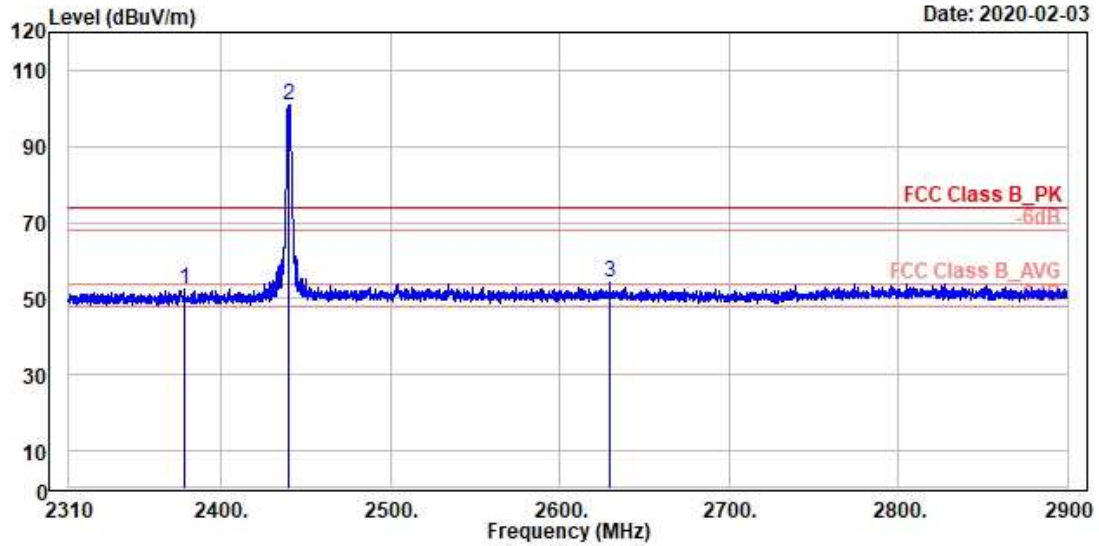


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2311.888	41.16	4.03	37.13	54.00	-12.84	293	291	Average	Vertical
2 *	2440.000	96.26	58.91	37.35	54.00	42.26	293	291	Average	Vertical
3	2812.680	41.00	2.89	38.11	54.00	-13.00	293	291	Average	Vertical

2440MHz_Horizontal_Peak



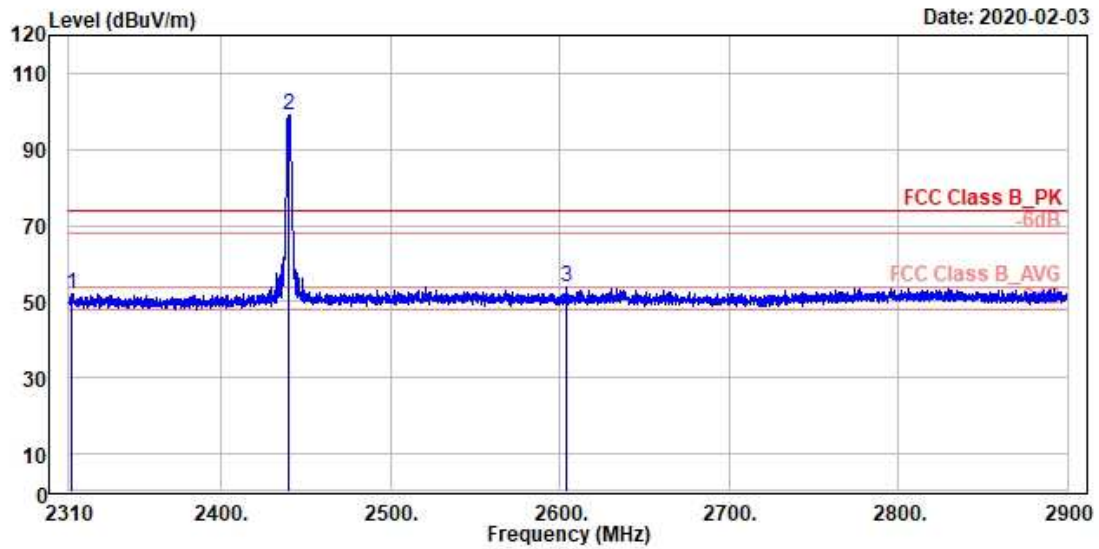
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2377.968	52.40	15.25	37.15	74.00	-21.60	160	178	Peak	Horizontal
2 *	2440.000	100.94	63.59	37.35	74.00	26.94	160	178	Peak	Horizontal
3	2629.898	54.41	16.77	37.64	74.00	-19.59	160	178	Peak	Horizontal



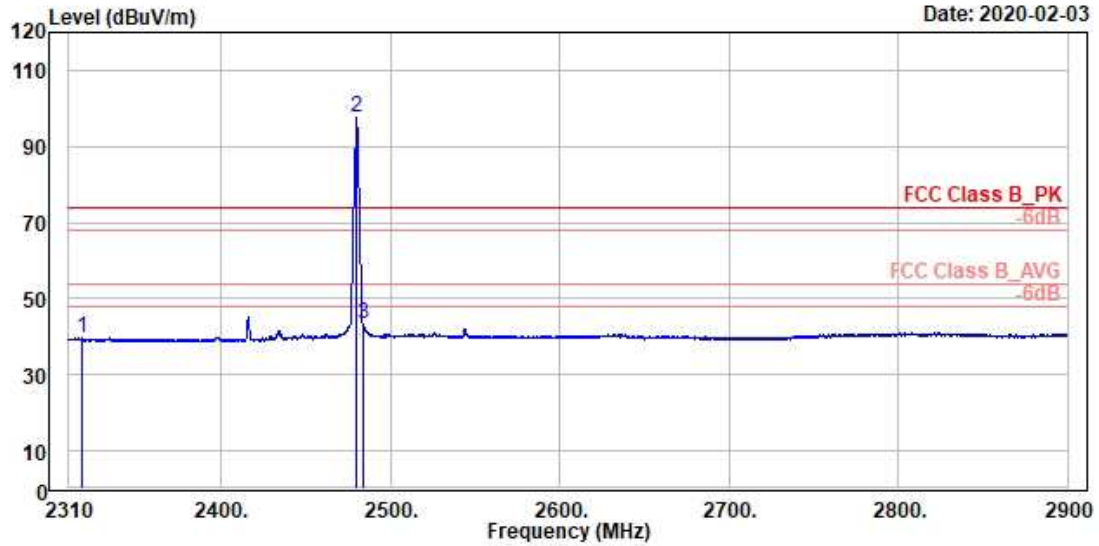
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2311.888	52.18	15.05	37.13	74.00	-21.82	293	291	Peak	Vertical
2 *	2440.000	99.11	61.76	37.35	74.00	25.11	293	291	Peak	Vertical
3	2603.820	53.75	15.98	37.77	74.00	-20.25	293	291	Peak	Vertical



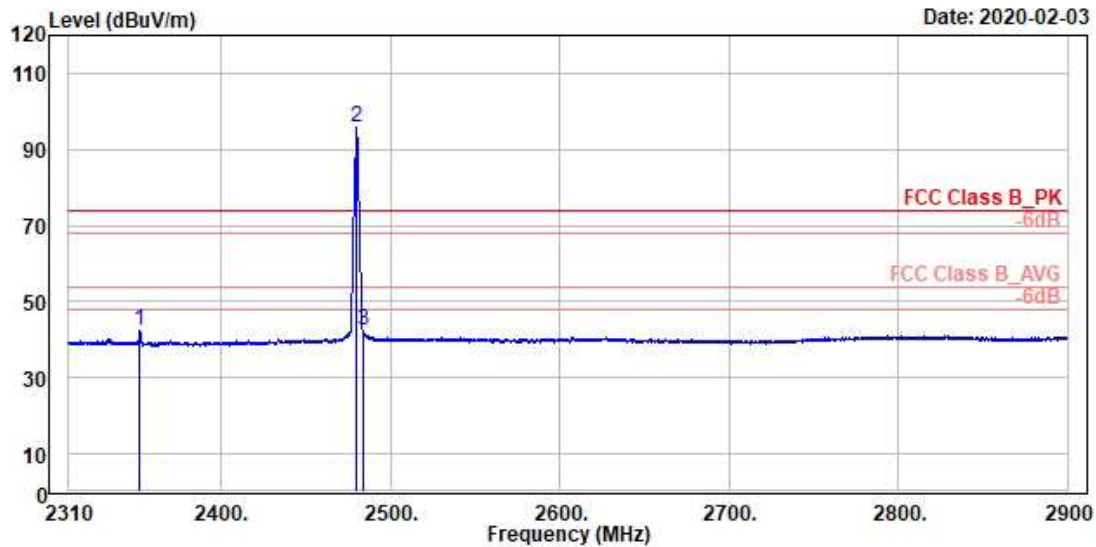
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2317.316	39.58	2.45	37.13	54.00	-14.42	157	178	Average	Horizontal
2 *	2480.000	97.45	59.89	37.56	54.00	43.45	157	178	Average	Horizontal
3	2483.500	43.27	5.70	37.57	54.00	-10.73	157	178	Average	Horizontal



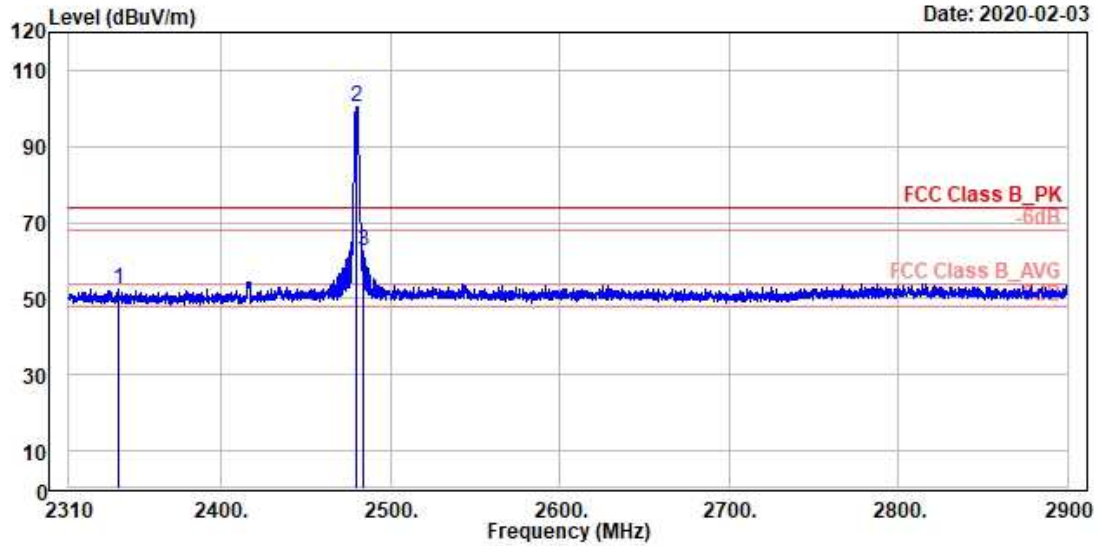
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



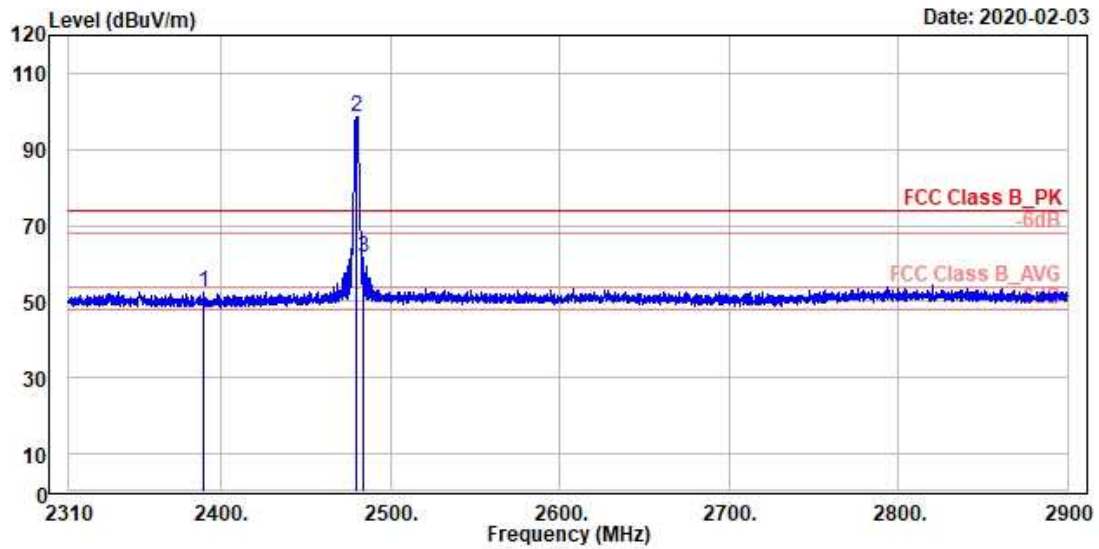
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2351.890	42.31	5.13	37.18	54.00	-11.69	283	289	Average	Vertical
2 *	2480.000	95.89	58.33	37.56	54.00	41.89	283	289	Average	Vertical
3	2483.500	42.28	4.71	37.57	54.00	-11.72	283	289	Average	Vertical



TÜV 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



	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	2338.792	52.62	15.46	37.16	74.00	-21.38	157	178	Peak	Horizontal
2 *	2480.000	100.35	62.79	37.56	74.00	26.35	157	178	Peak	Horizontal
3	2483.932	62.52	24.94	37.58	74.00	-11.48	157	178	Peak	Horizontal



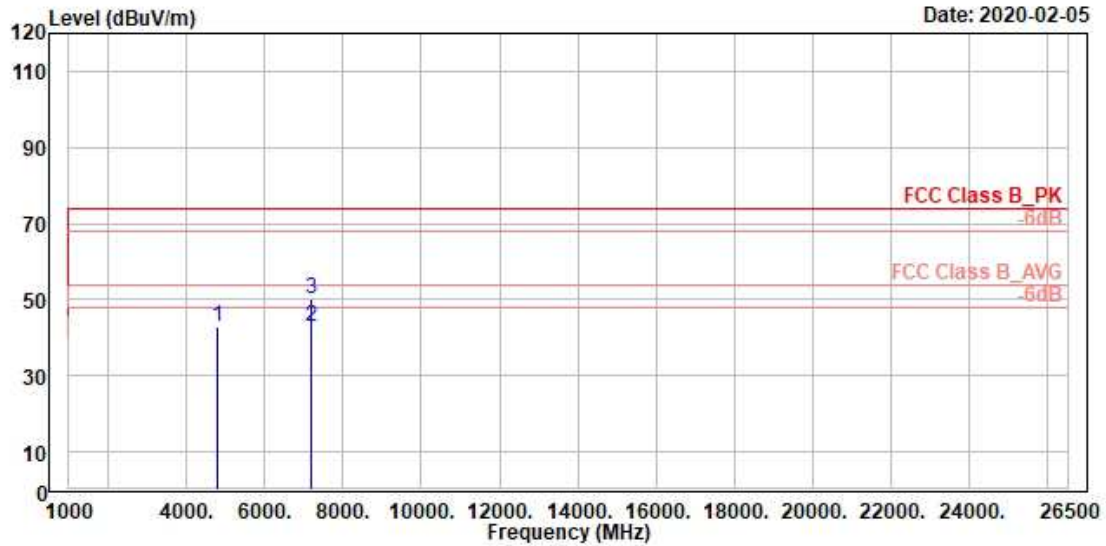
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.768	52.61	15.47	37.14	74.00	-21.39	283	289	Peak	Vertical
2 *	2480.000	98.77	61.21	37.56	74.00	24.77	283	289	Peak	Vertical
3	2483.696	61.70	24.13	37.57	74.00	-12.30	283	289	Peak	Vertical

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

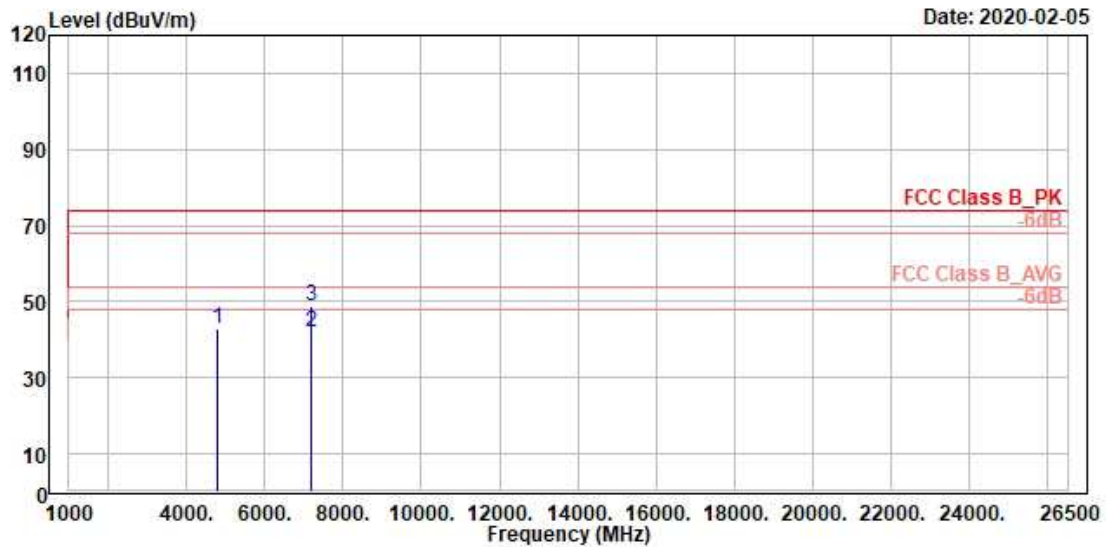
2402MHz_Horizontal



TÜV 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



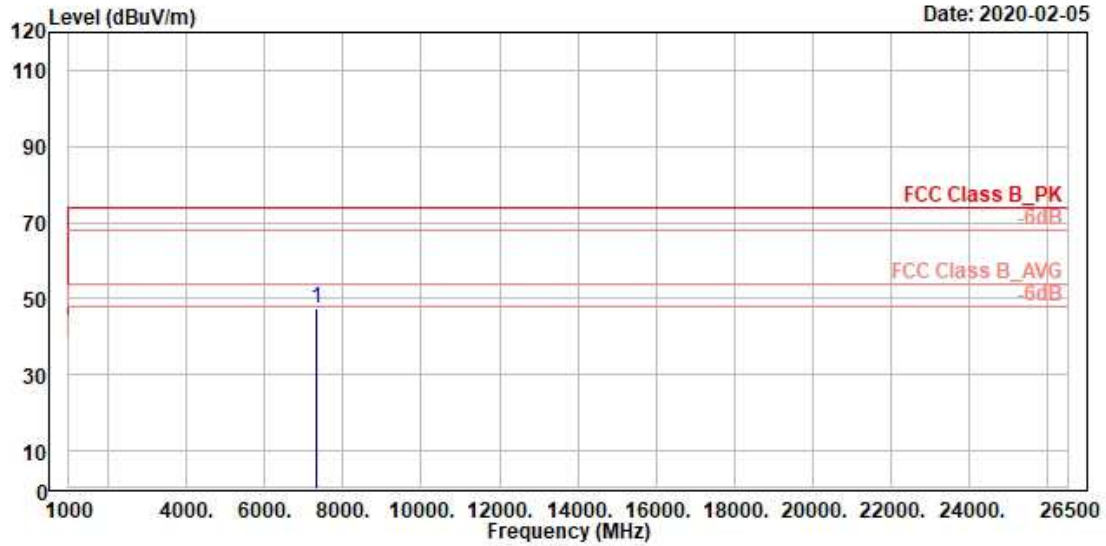
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4804.000	43.02	53.06	-10.04	74.00	-30.98	400	122	Peak	horizontal
2	7206.000	42.78	50.34	-7.56	54.00	-11.22	100	2	Average	horizontal
3	7206.000	49.99	57.55	-7.56	74.00	-24.01	100	2	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	4804.000	42.94	52.98	-10.04	74.00	-31.06	400	360	Peak	vertical
2	7206.000	41.87	49.43	-7.56	54.00	-12.13	100	163	Average	vertical
3	7206.000	48.82	56.38	-7.56	74.00	-25.18	100	163	Peak	vertical



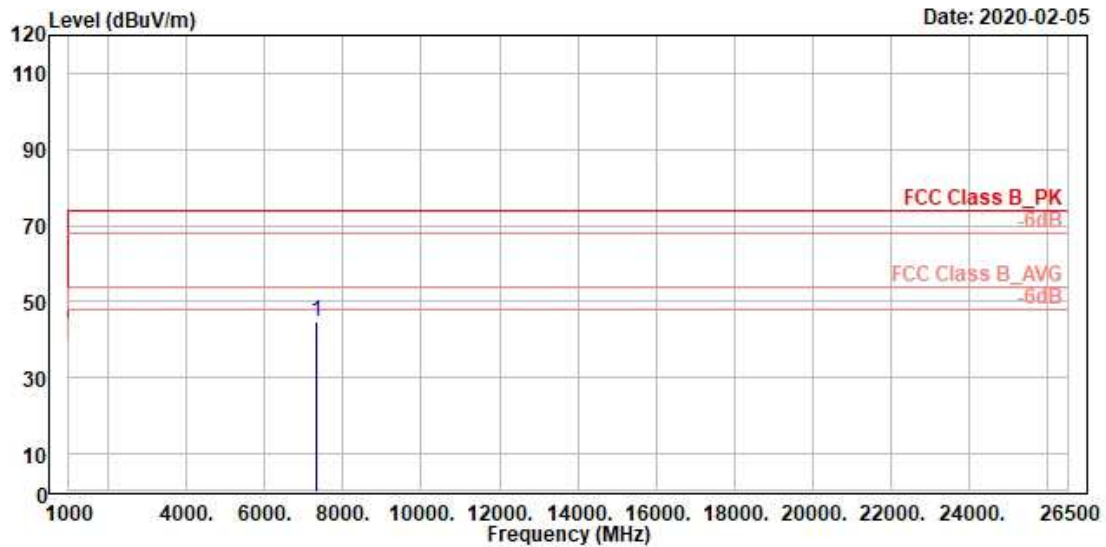
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	7320.000	47.48	54.95	-7.47	74.00	-26.52	100	0	Peak	horizontal



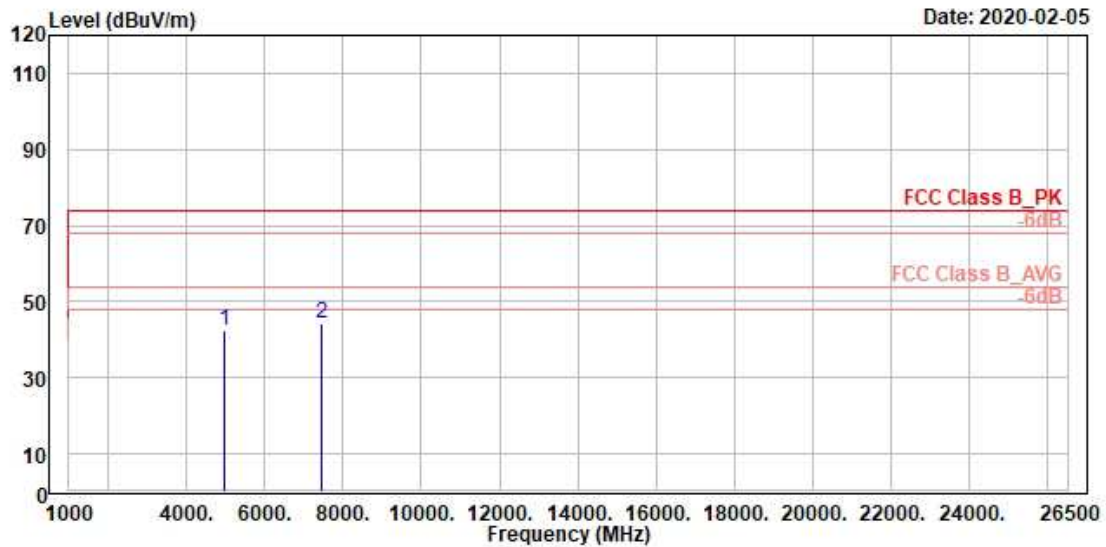
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



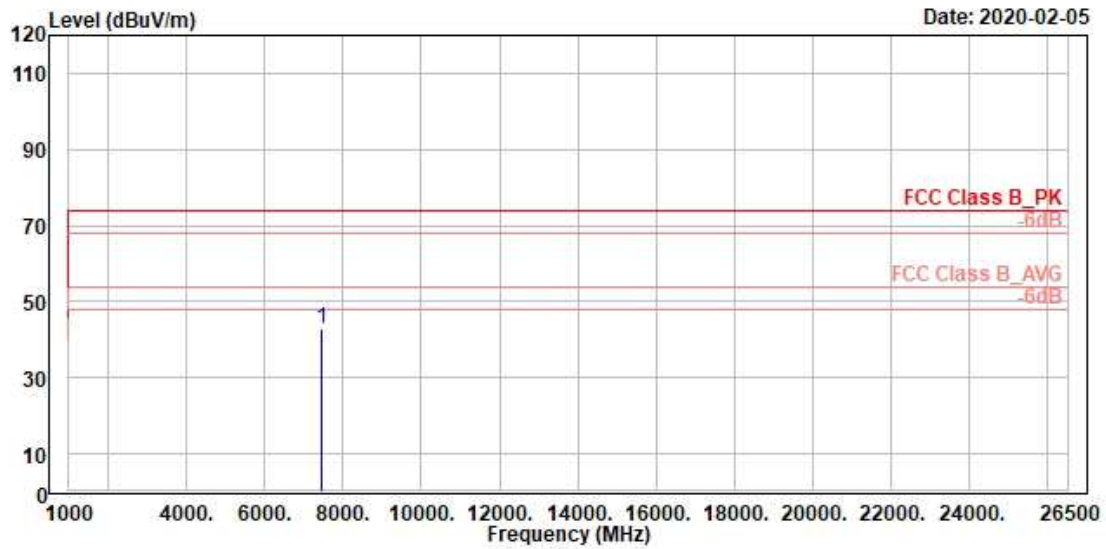
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7320.000	44.92	52.39	-7.47	74.00	-29.08	100	122	Peak	vertical



TÜV 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



	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	4960.000	42.55	52.28	-9.73	74.00	-31.45	300	225	Peak	horizontal
2	7440.000	44.41	51.90	-7.49	74.00	-29.59	100	64	Peak	horizontal



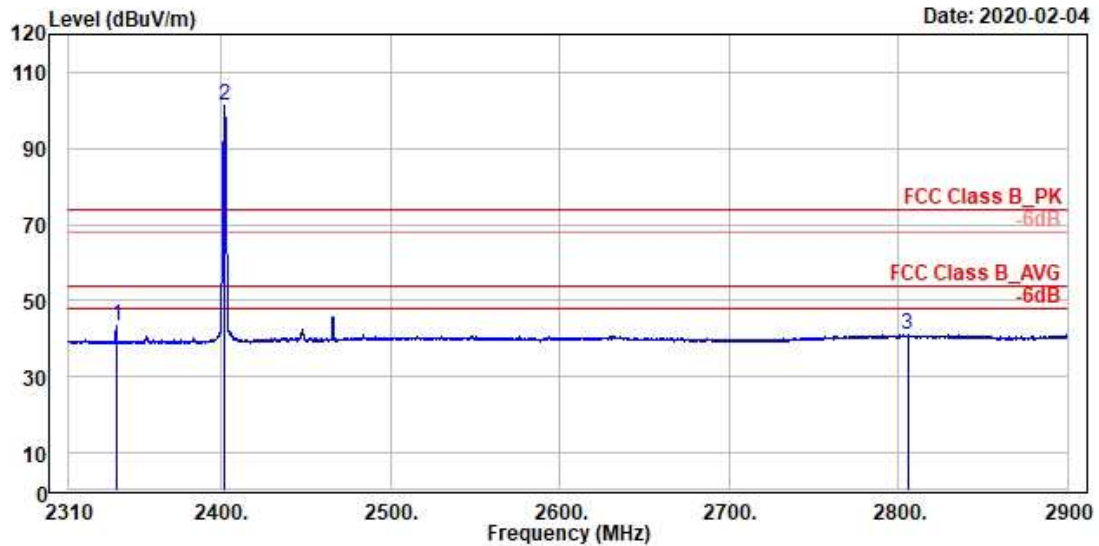
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7440.000	42.81	50.30	-7.49	74.00	-31.19	100	0	Peak	vertical

Spurious Emissions, Band Edges (ANT 1M)

2402MHz_Horizontal_Average



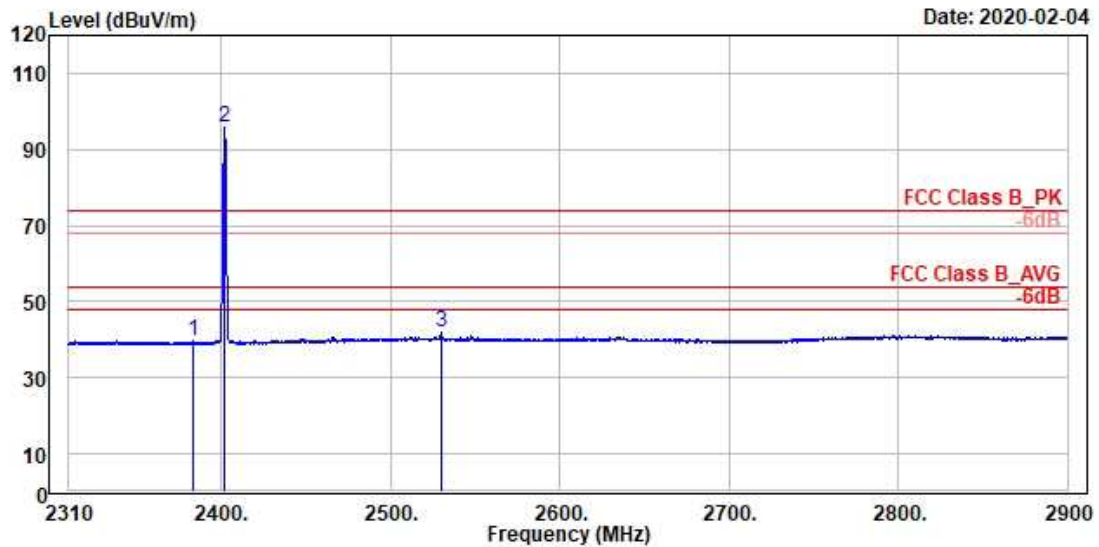
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2337.966	43.39	6.23	37.16	74.00	-30.61	144	192	Average	Horizontal
2 *	2402.000	101.11	63.96	37.15	74.00	27.11	144	192	Average	Horizontal
3	2805.600	40.95	2.83	38.12	74.00	-33.05	144	192	Average	Horizontal



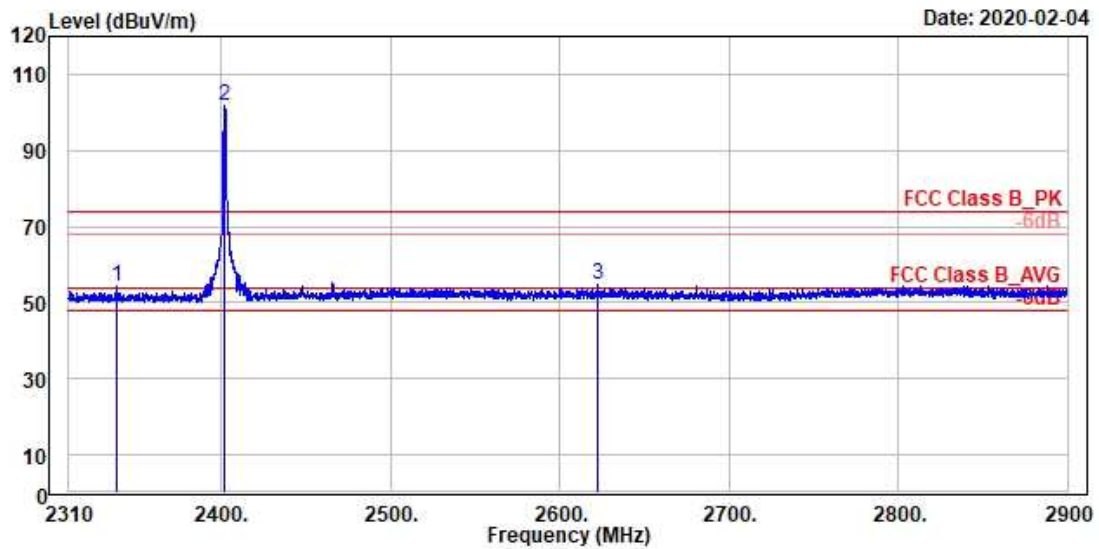
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2383.750	39.76	2.61	37.15	74.00	-34.24	215	323	Average	Vertical
2 *	2402.000	95.66	58.51	37.15	74.00	21.66	215	323	Average	Vertical
3	2529.952	42.03	4.21	37.82	74.00	-31.97	215	323	Average	Vertical



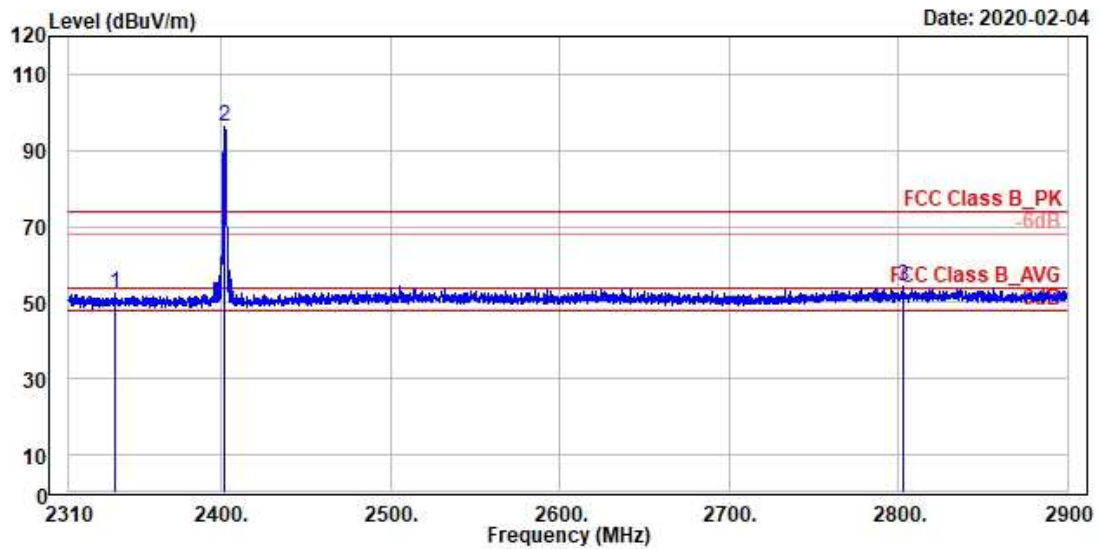
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2338.084	54.11	16.95	37.16	74.00	-19.89	144	192	Peak	Horizontal
2 *	2402.000	101.56	64.41	37.15	74.00	27.56	144	192	Peak	Horizontal
3	2622.818	54.76	17.09	37.67	74.00	-19.24	144	192	Peak	Horizontal



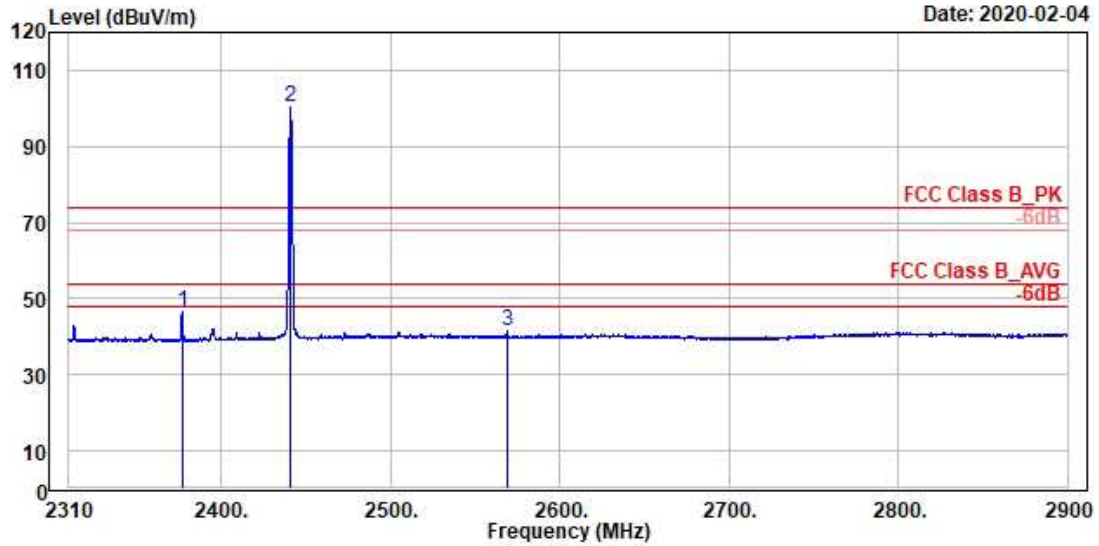
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2337.258	52.29	15.13	37.16	74.00	-21.71	215	323	Peak	Vertical
2 *	2402.000	96.11	58.96	37.15	74.00	22.11	215	323	Peak	Vertical
3	2803.122	54.36	16.24	38.12	74.00	-19.64	215	323	Peak	Vertical



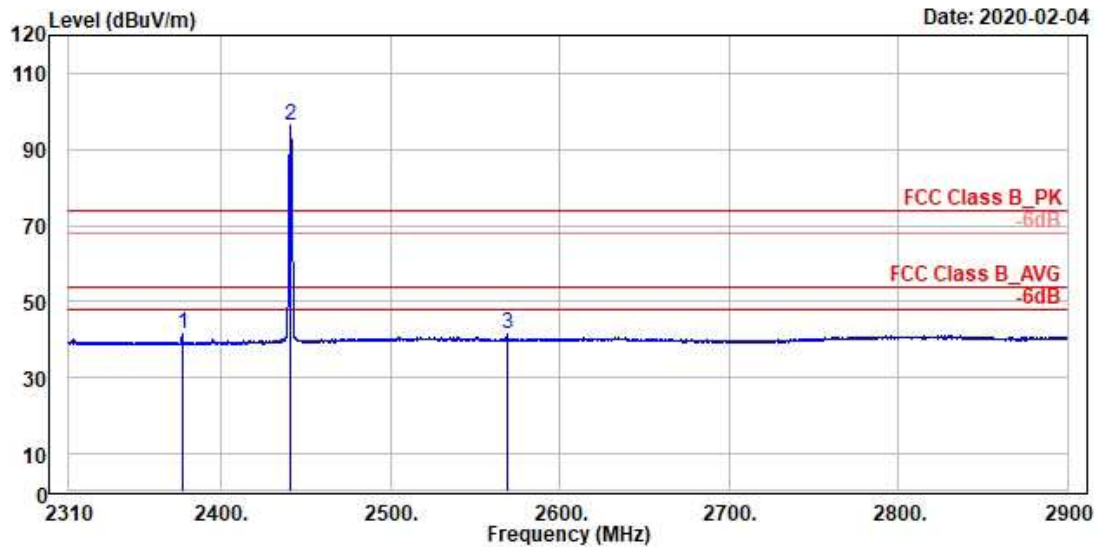
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2376.906	46.51	9.35	37.16	74.00	-27.49	128	190	Average	Horizontal
2 *	2441.000	100.35	63.00	37.35	74.00	26.35	128	190	Average	Horizontal
3	2568.892	41.39	3.53	37.86	74.00	-32.61	128	190	Average	Horizontal



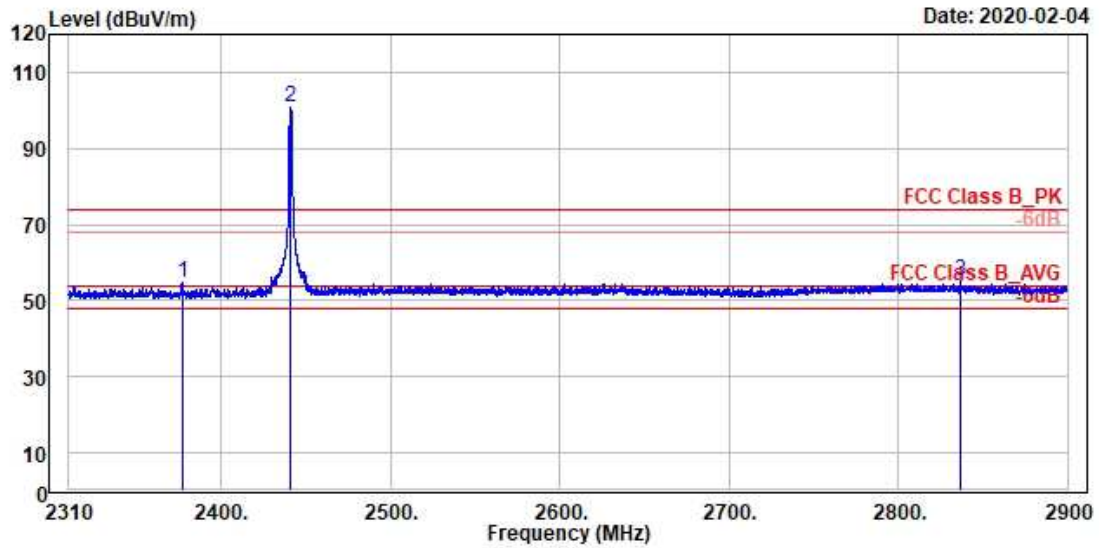
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



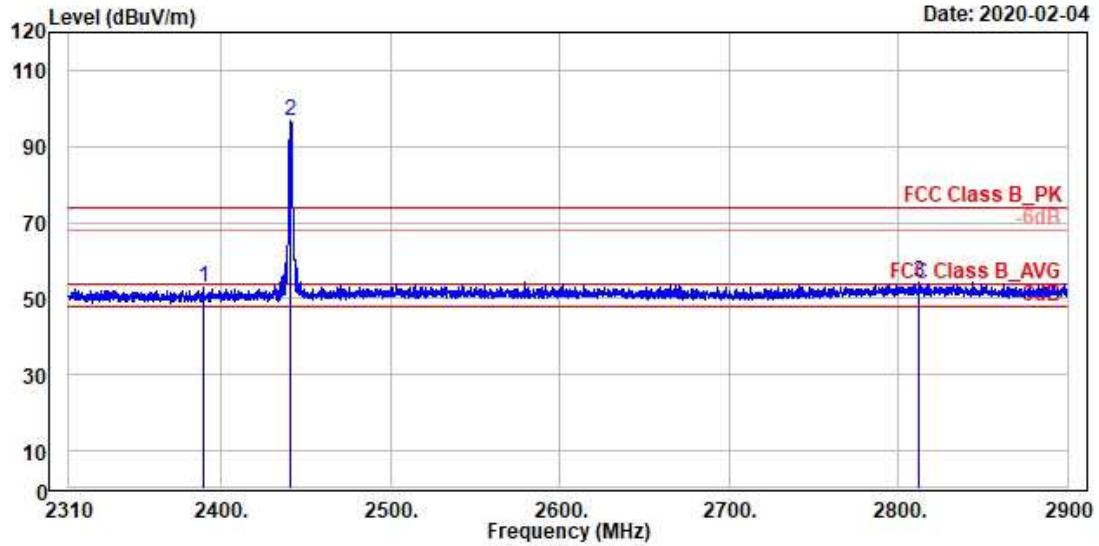
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2376.906	41.54	4.38	37.16	74.00	-32.46	235	321	Average	Vertical
2 *	2441.000	96.42	59.07	37.35	74.00	22.42	235	321	Average	Vertical
3	2569.010	41.30	3.44	37.86	74.00	-32.70	235	321	Average	Vertical



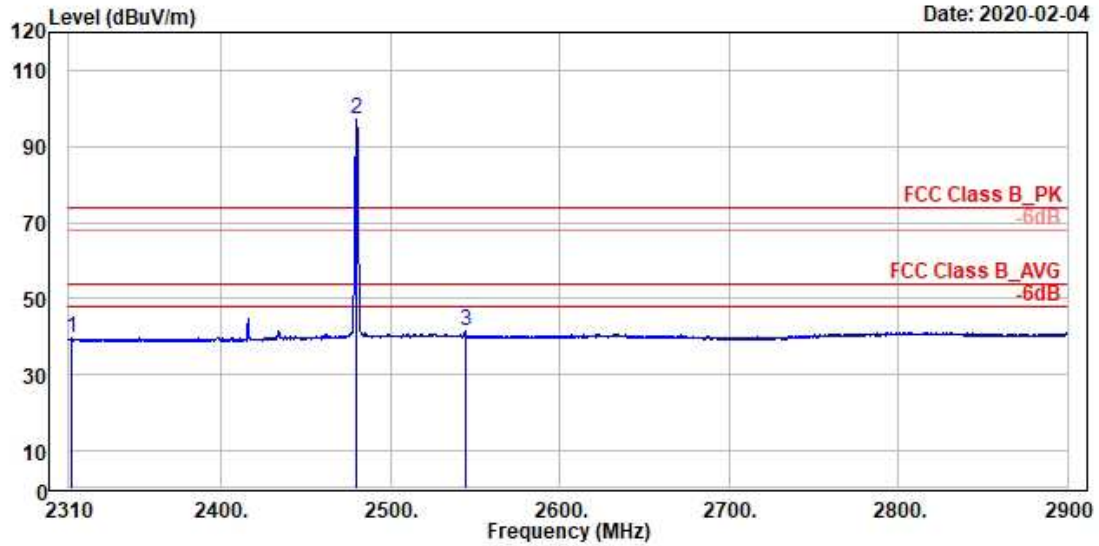
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2377.260	54.91	17.75	37.16	74.00	-19.09	128	190	Peak	Horizontal
2 *	2441.000	100.83	63.48	37.35	74.00	26.83	128	190	Peak	Horizontal
3	2836.988	55.02	16.92	38.10	74.00	-18.98	128	190	Peak	Horizontal



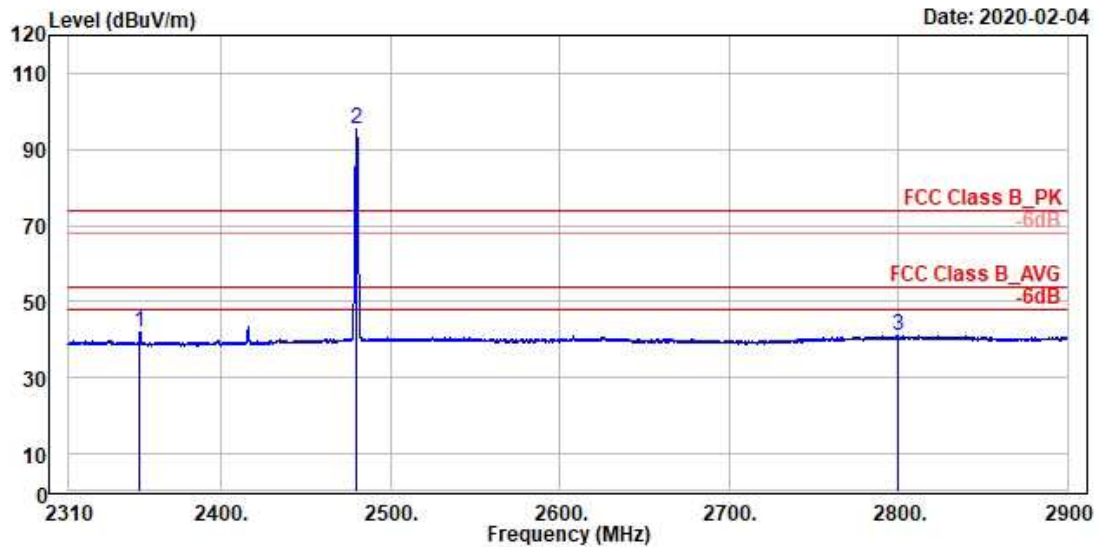
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.178	52.80	15.66	37.14	74.00	-21.20	235	321	Peak	Vertical
2 *	2441.000	96.88	59.53	37.35	74.00	22.88	235	321	Peak	Vertical
3	2812.326	54.46	16.34	38.12	74.00	-19.54	235	321	Peak	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	2311.180	39.65	2.52	37.13	74.00	-34.35	158	232	Average	Horizontal
2 *	2480.000	97.15	59.59	37.56	74.00	23.15	158	232	Average	Horizontal
3	2543.994	41.39	3.50	37.89	74.00	-32.61	158	232	Average	Horizontal



TÜV 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

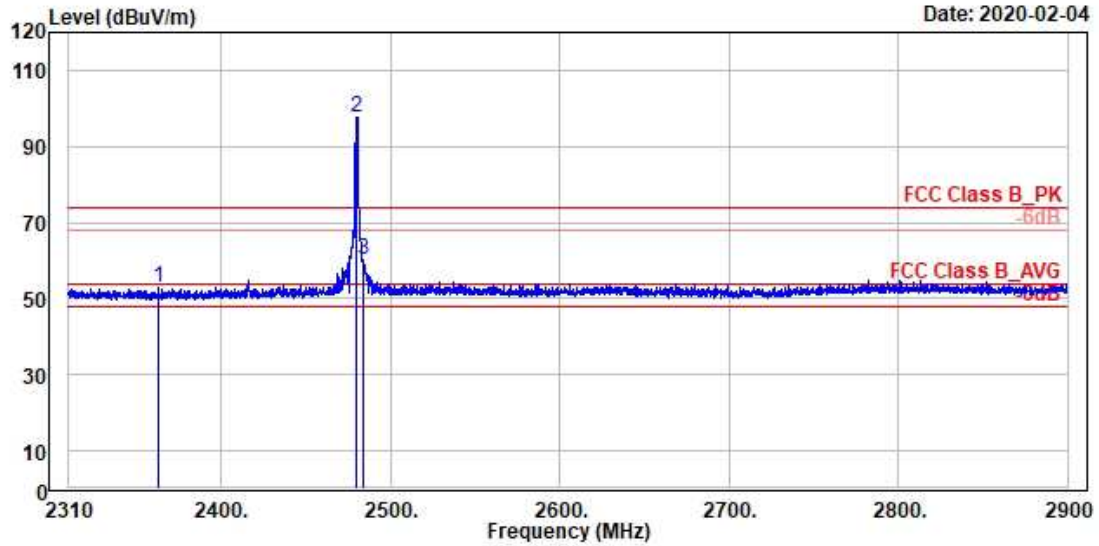


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2352.008	41.99	4.81	37.18	74.00	-32.01	400	305	Average	Vertical
2 *	2480.000	95.52	57.96	37.56	74.00	21.52	400	305	Average	Vertical
3	2799.582	41.03	2.90	38.13	74.00	-32.97	400	305	Average	Vertical

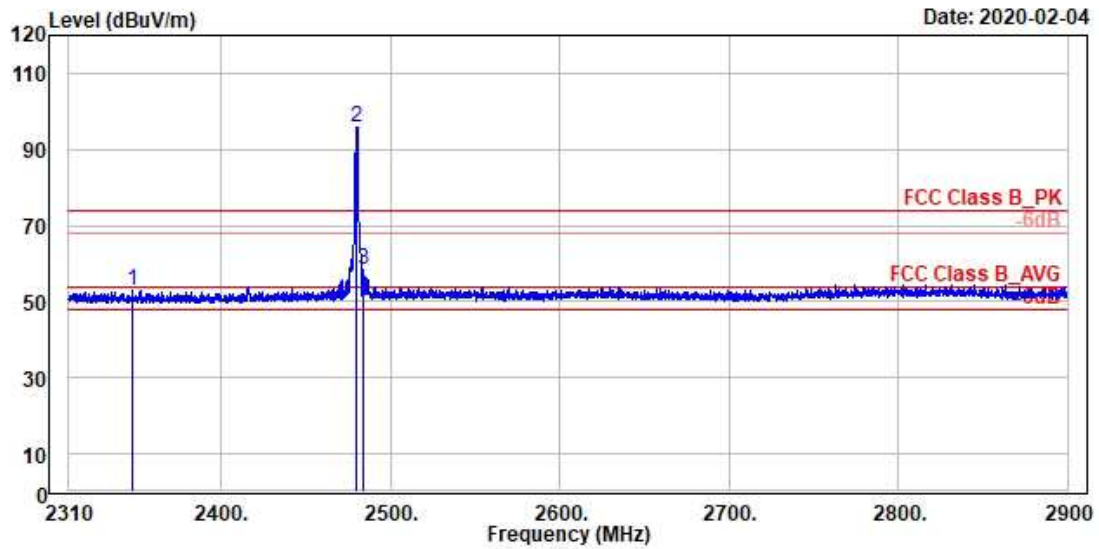
2480MHz_Horizontal_Peak



TÜV 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



	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	2363.218	53.03	15.87	37.16	74.00	-20.97	158	232	Peak	Horizontal
2 *	2480.000	97.79	60.23	37.56	74.00	23.79	158	232	Peak	Horizontal
3	2483.500	60.31	22.74	37.57	74.00	-13.69	158	232	Peak	Horizontal

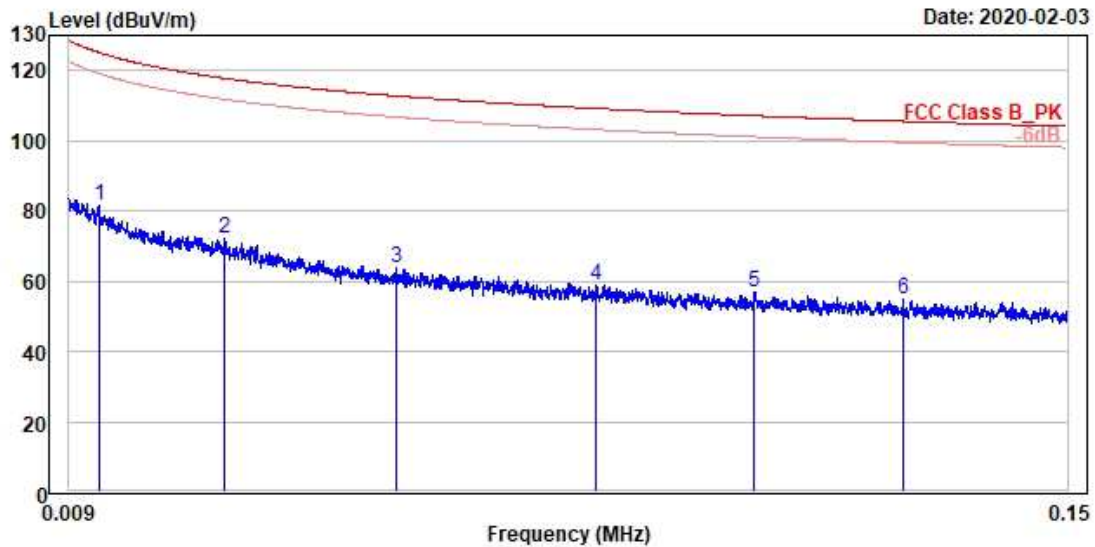


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2347.406	52.92	15.75	37.17	74.00	-21.08	400	305	Peak	Vertical
2 *	2480.000	95.98	58.42	37.56	74.00	21.98	400	305	Peak	Vertical
3	2484.168	58.59	21.01	37.58	74.00	-15.41	400	305	Peak	Vertical

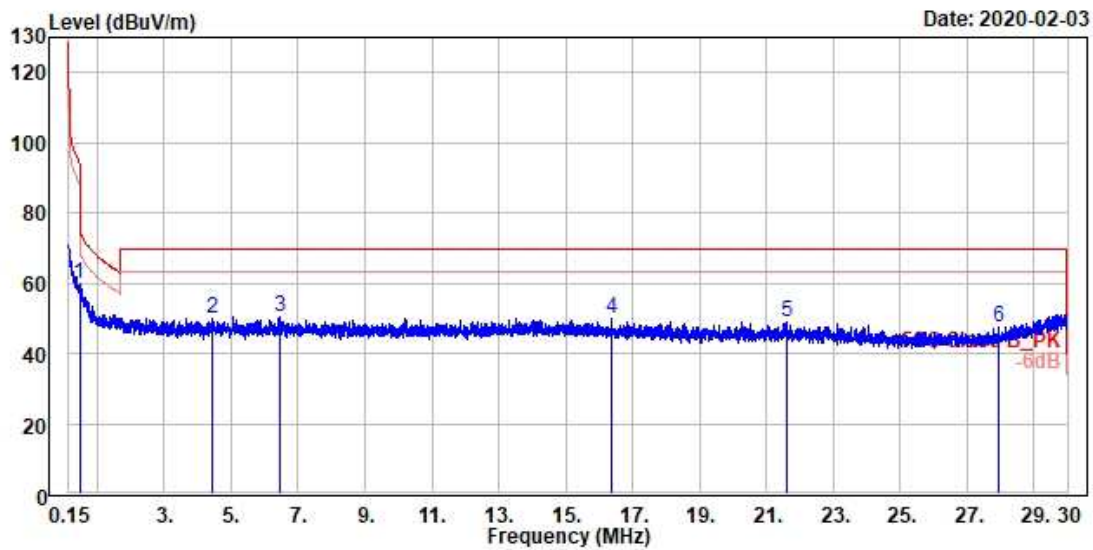
Spurious Emissions, TX Mode, 9kHz-30MHz (ANT 1M)



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



	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	0.013	81.38	4.56	76.82	125.17	-43.79	100	72	QP	vertical
2	0.031	72.21	1.79	70.42	117.76	-45.55	100	203	QP	vertical
3	0.055	63.57	-0.74	64.31	112.74	-49.17	100	75	QP	vertical
4	0.084	58.91	-2.06	60.97	109.16	-50.25	100	37	QP	vertical
5	0.106	56.89	-2.02	58.91	107.10	-50.21	100	234	QP	vertical
6	0.127	55.01	-2.68	57.69	105.53	-50.52	100	190	QP	vertical

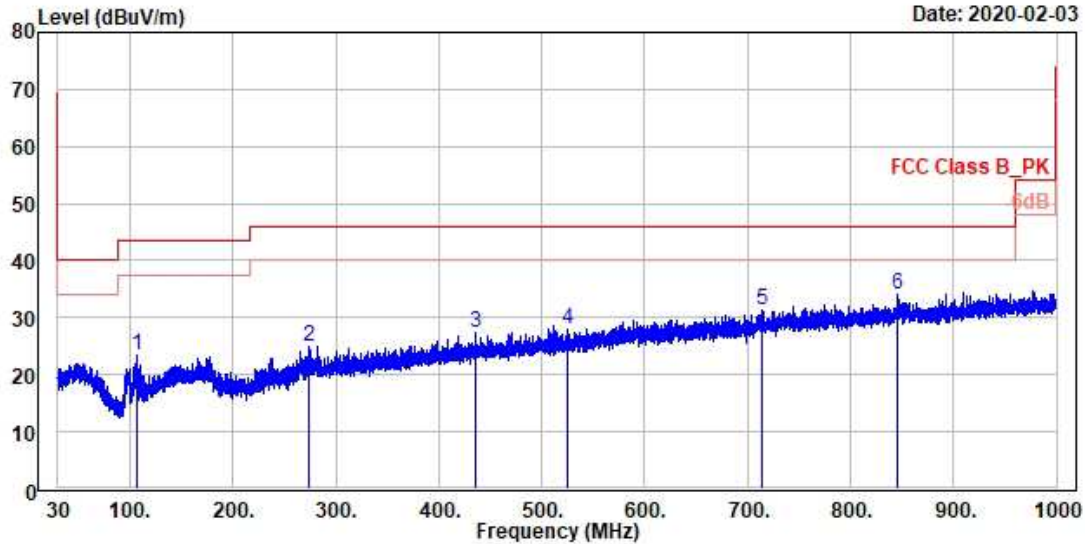


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.463	59.60	12.25	47.35	94.28	-34.68	100	27 QP		vertical
2	4.433	49.82	11.48	38.34	69.50	-19.68	100	74 QP		vertical
3	6.472	50.53	12.17	38.36	69.50	-18.97	100	320 QP		vertical
4	16.368	49.80	12.42	37.38	69.50	-19.70	100	169 QP		vertical
5	21.606	48.85	12.90	35.95	69.50	-20.65	100	57 QP		vertical
6	27.955	47.69	12.62	35.07	69.50	-21.81	100	70 QP		vertical

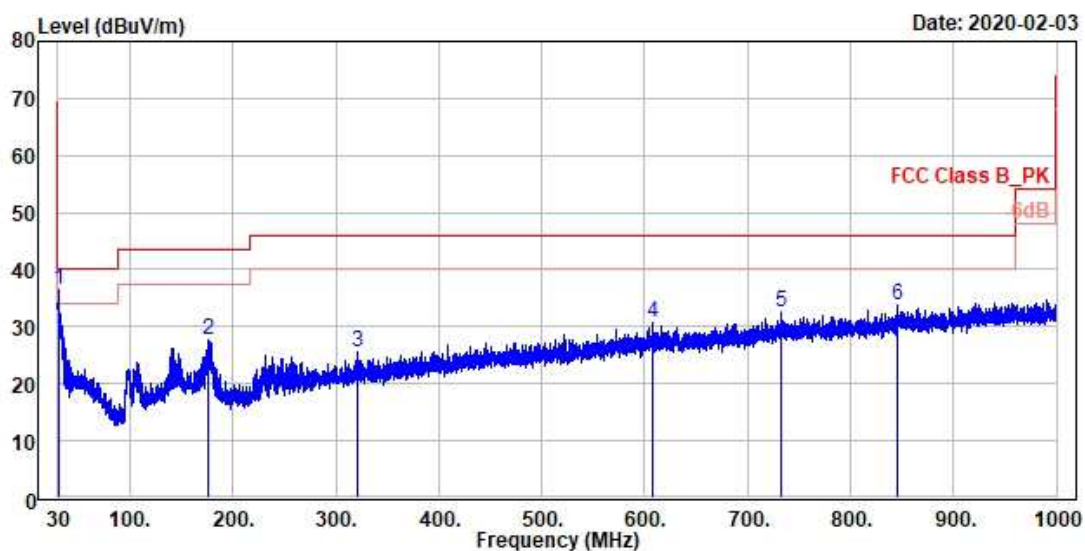
Spurious Emissions, TX Mode, 30MHz-1GHz (ANT 1M)



TÜV 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



	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	106.436	23.50	33.47	-9.97	43.50	-20.00	200	179	QP	horizontal
2	273.082	24.96	30.67	-5.71	46.00	-21.04	101	360	QP	horizontal
3	435.557	27.49	29.92	-2.43	46.00	-18.51	100	356	QP	horizontal
4	524.797	28.00	29.44	-1.44	46.00	-18.00	100	360	QP	horizontal
5	714.044	31.41	29.92	1.49	46.00	-14.59	200	251	QP	horizontal
6	846.255	34.16	30.72	3.44	46.00	-11.84	200	226	QP	horizontal



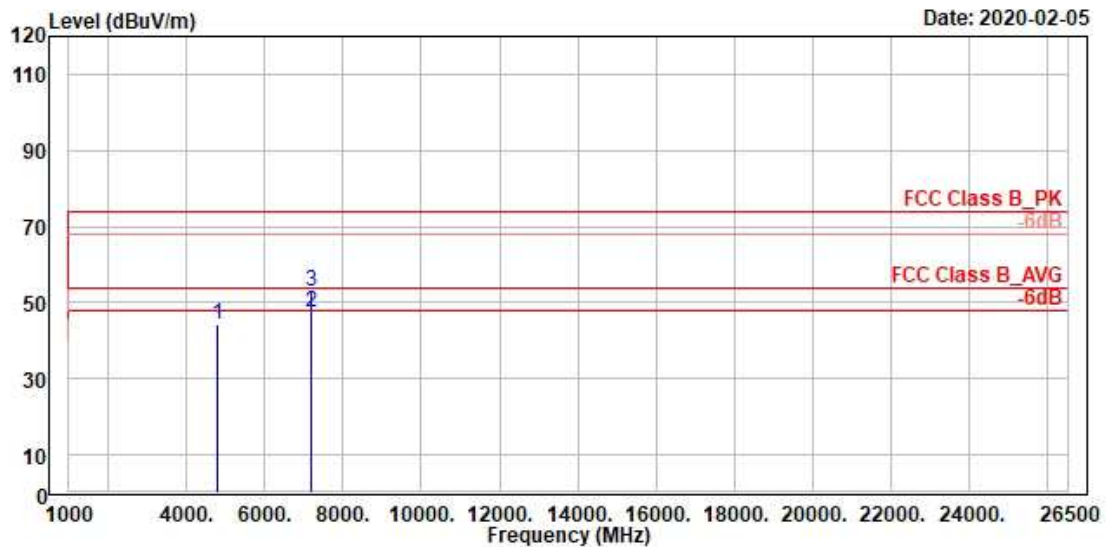
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 !	30.485	36.46	44.31	-7.85	40.00	-3.54	100	337	QP	vertical
2	176.664	27.81	34.66	-6.85	43.50	-15.69	100	347	QP	vertical
3	320.806	25.46	29.77	-4.31	46.00	-20.54	200	310	QP	vertical
4	607.247	30.62	30.33	0.29	46.00	-15.38	100	48	QP	vertical
5	731.892	32.42	30.51	1.91	46.00	-13.58	200	117	QP	vertical
6	845.576	33.71	30.28	3.43	46.00	-12.29	100	63	QP	vertical

Spurious Emissions, TX Mode, 1GHz-26.5GHz (ANT 1M)

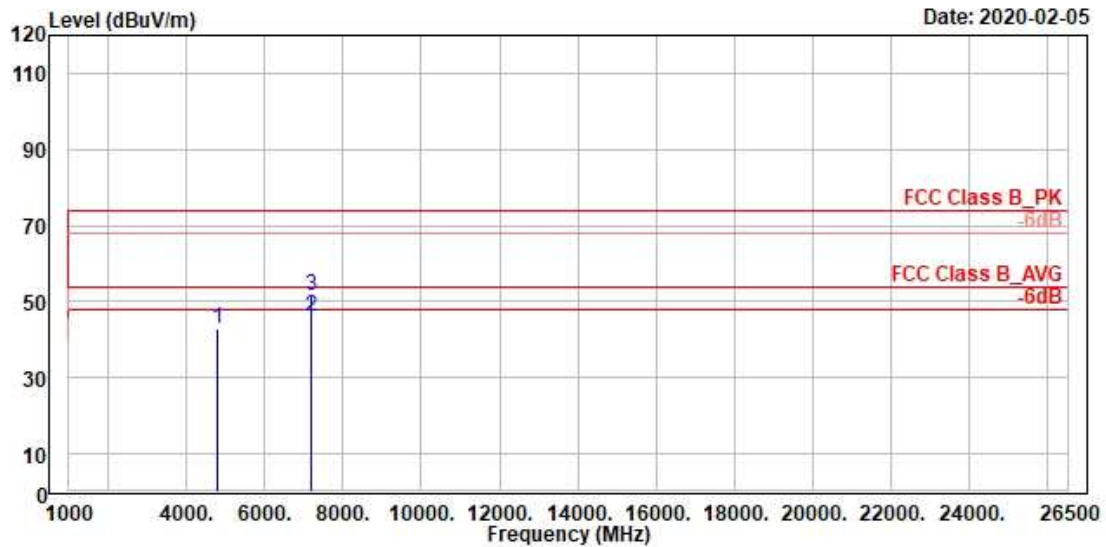
2402MHz_Horizontal



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



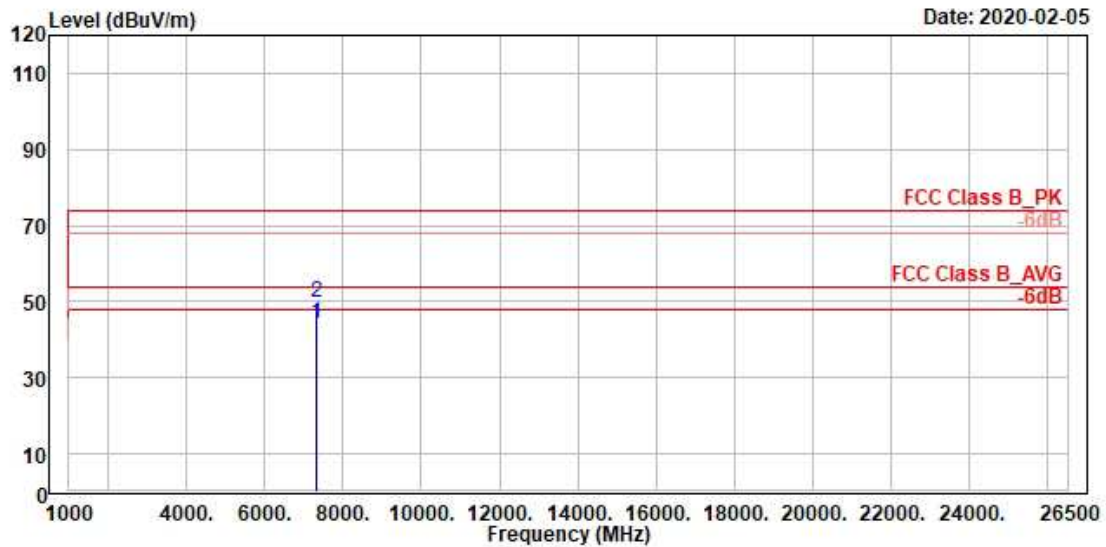
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4804.000	44.15	54.19	-10.04	74.00	-29.85	300	153	Peak	horizontal
2	7206.000	47.33	54.89	-7.56	54.00	-6.67	100	55	Average	horizontal
3	7206.000	52.95	60.51	-7.56	74.00	-21.05	100	55	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	4804.000	42.86	52.90	-10.04	74.00	-31.14	400	0	Peak	vertical
2	7206.000	46.08	53.64	-7.56	54.00	-7.92	100	166	Average	vertical
3	7206.000	51.56	59.12	-7.56	74.00	-22.44	100	166	Peak	vertical



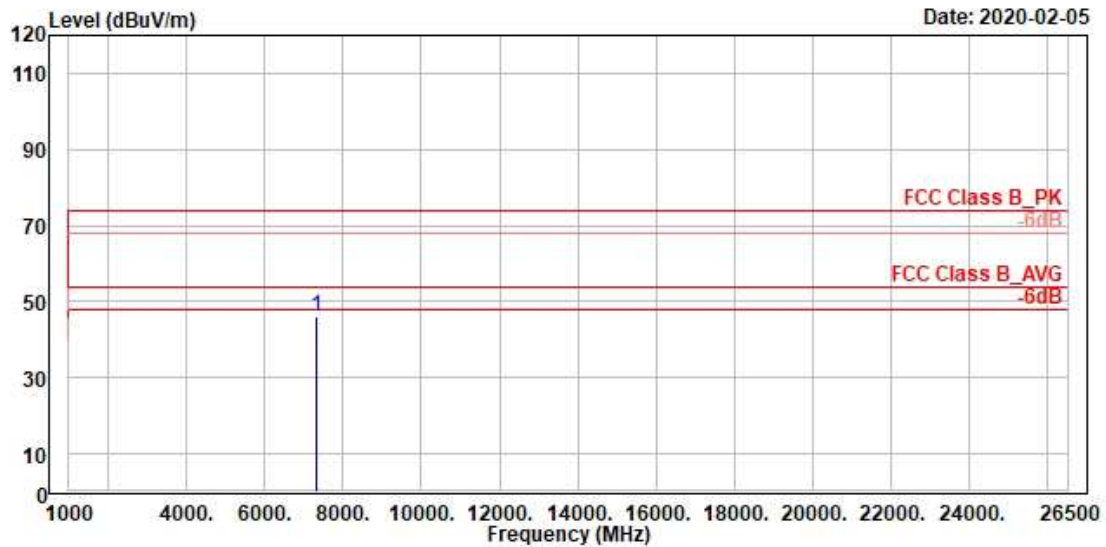
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	7323.000	44.30	51.77	-7.47	54.00	-9.70	400	60	Average	horizontal
2	7323.000	49.60	57.07	-7.47	74.00	-24.40	400	60	Peak	horizontal



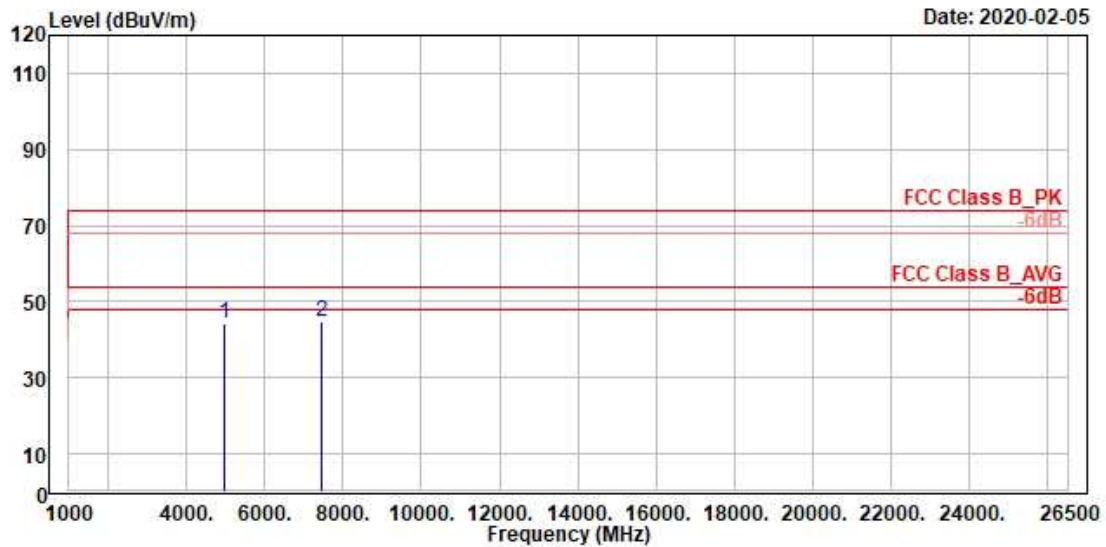
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	7323.000	45.99	53.46	-7.47	74.00	-28.01	400	171	Peak	vertical



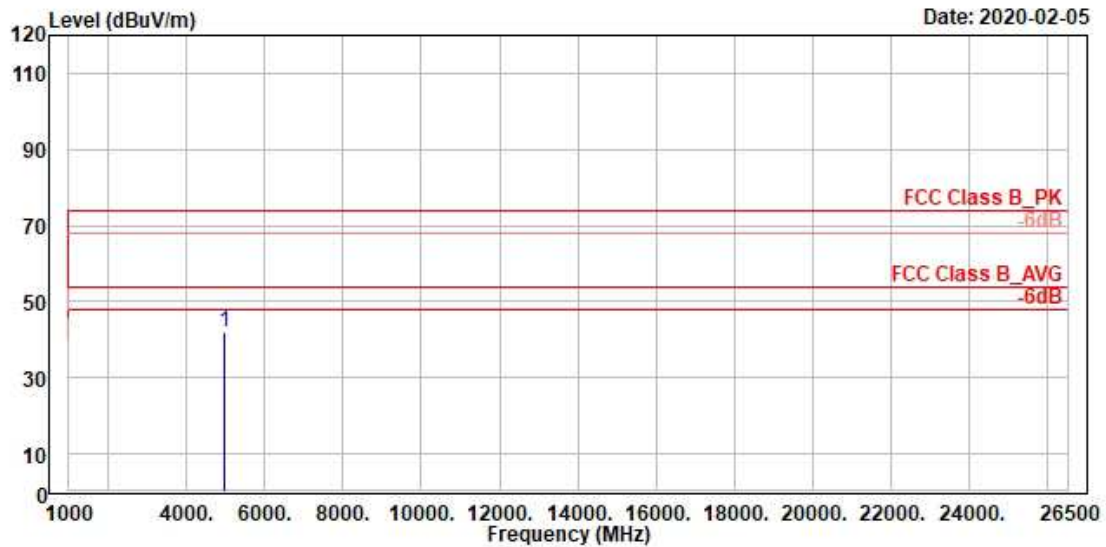
TUV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	4960.000	44.15	53.88	-9.73	74.00	-29.85	200	209	Peak	horizontal
2	7440.000	44.85	52.34	-7.49	74.00	-29.15	200	44	Peak	horizontal



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



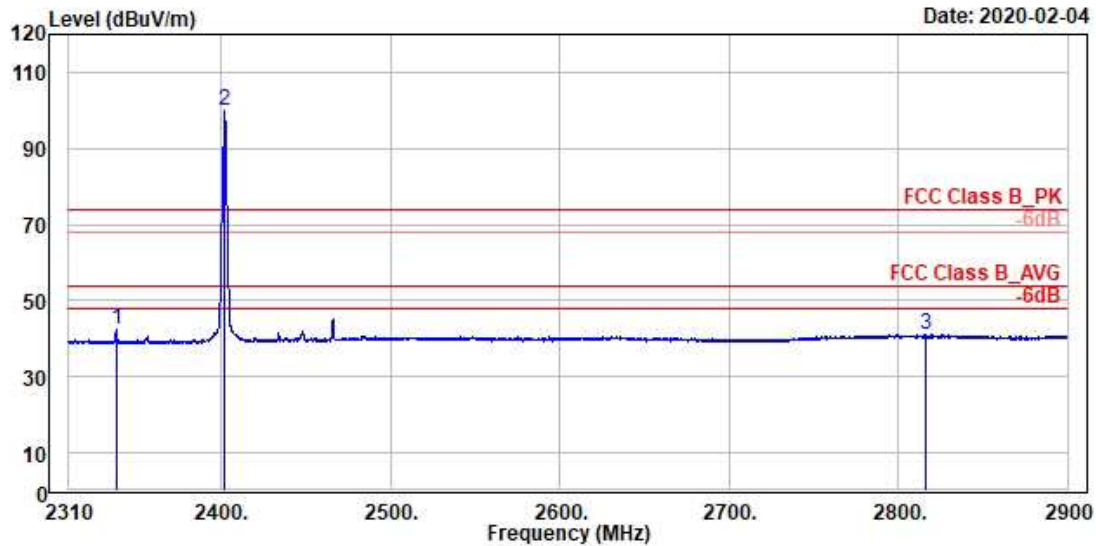
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.000	42.03	51.76	-9.73	74.00	-31.97	400	328	Peak	vertical

Spurious Emissions, Band Edges (Nordic Original 2M)

2402MHz_Horizontal_Average



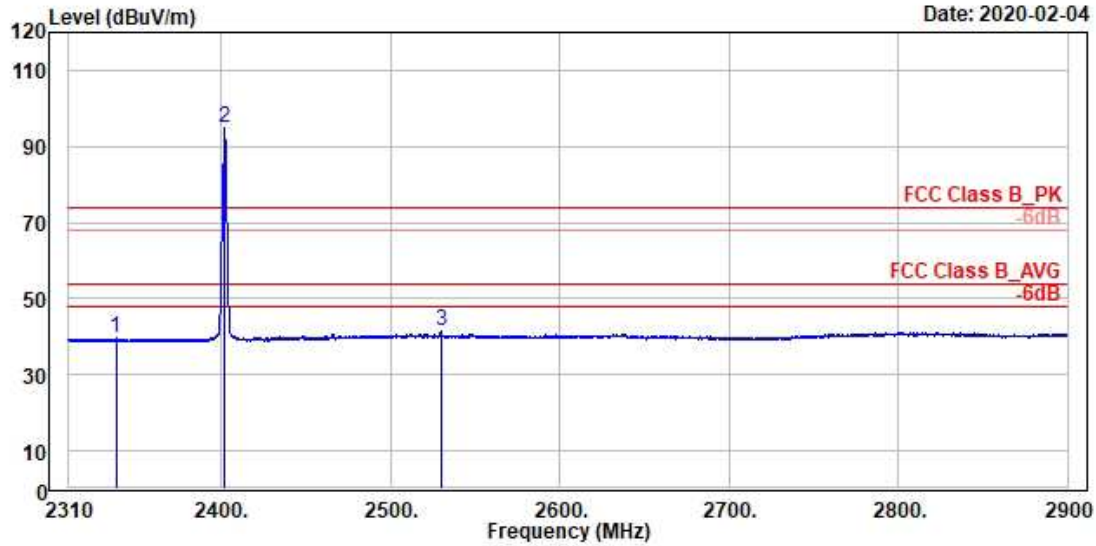
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2338.084	42.61	5.45	37.16	74.00	-31.39	144	192	Average	Horizontal
2 *	2402.000	99.93	62.78	37.15	74.00	25.93	144	192	Average	Horizontal
3	2815.984	40.96	2.84	38.12	74.00	-33.04	144	192	Average	Horizontal



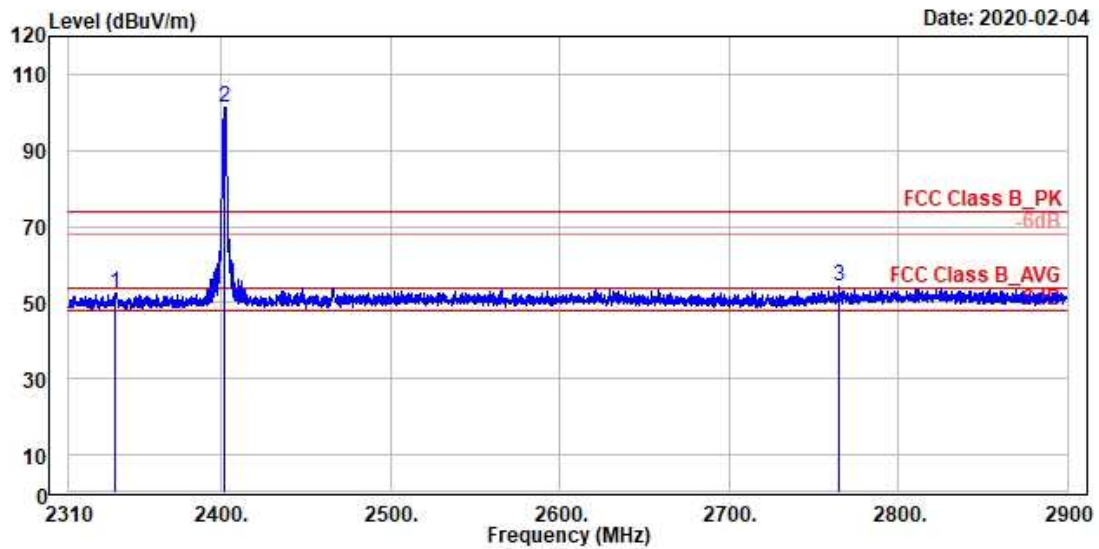
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



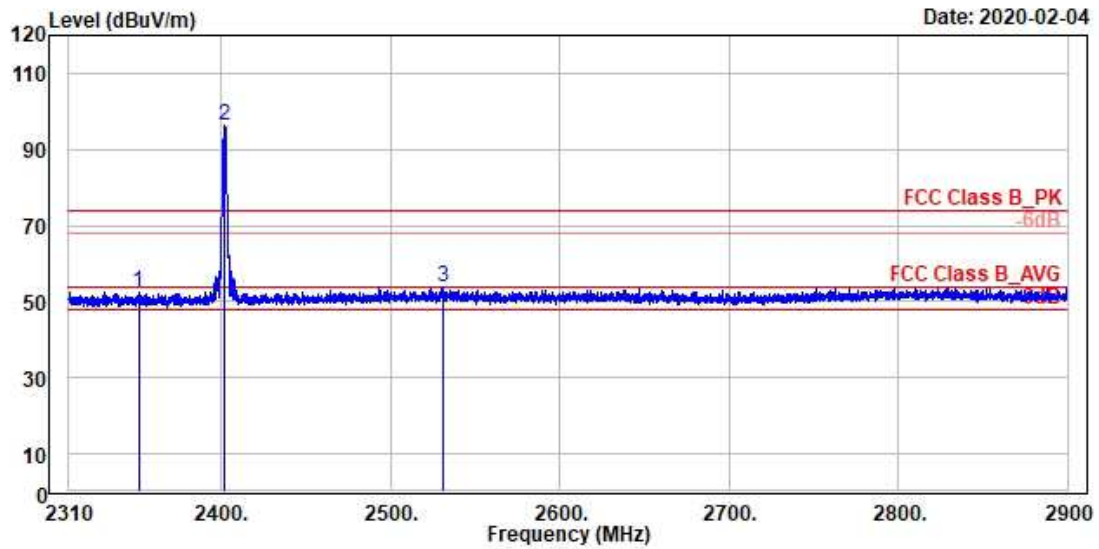
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2337.730	39.60	2.44	37.16	74.00	-34.40	215	323	Average	Vertical
2 *	2402.000	94.76	57.61	37.15	74.00	20.76	215	323	Average	Vertical
3	2529.952	41.50	3.68	37.82	74.00	-32.50	215	323	Average	Vertical



TÜV 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



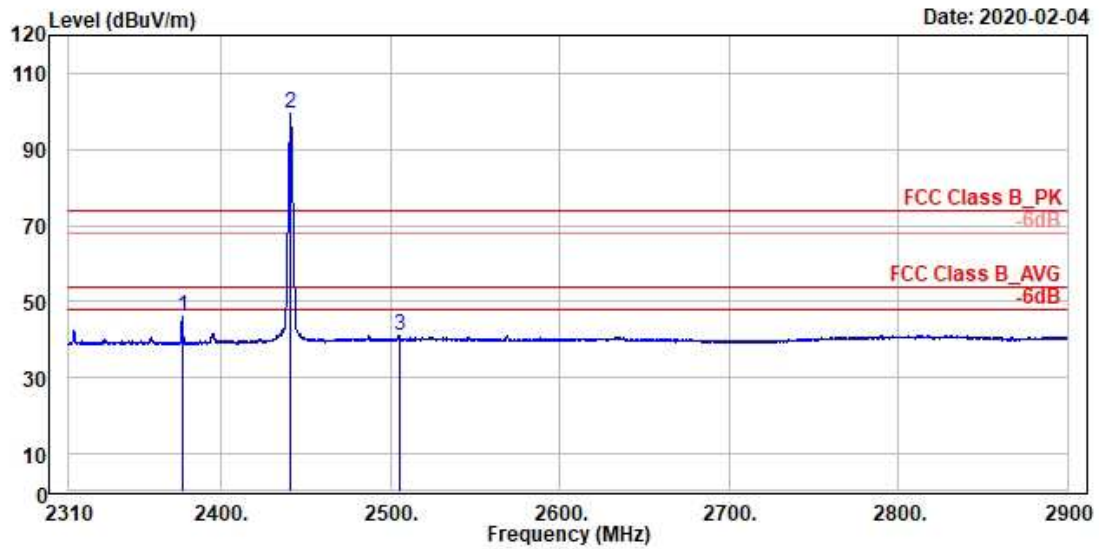
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2337.376	52.38	15.22	37.16	74.00	-21.62	144	192	Peak	Horizontal
2 *	2402.000	101.21	64.06	37.15	74.00	27.21	144	192	Peak	Horizontal
3	2765.244	54.28	16.20	38.08	74.00	-19.72	144	192	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	2351.064	52.55	15.37	37.18	74.00	-21.45	215	323	Peak	Vertical
2 *	2402.000	96.08	58.93	37.15	74.00	22.08	215	323	Peak	Vertical
3	2531.132	53.76	15.94	37.82	74.00	-20.24	215	323	Peak	Vertical



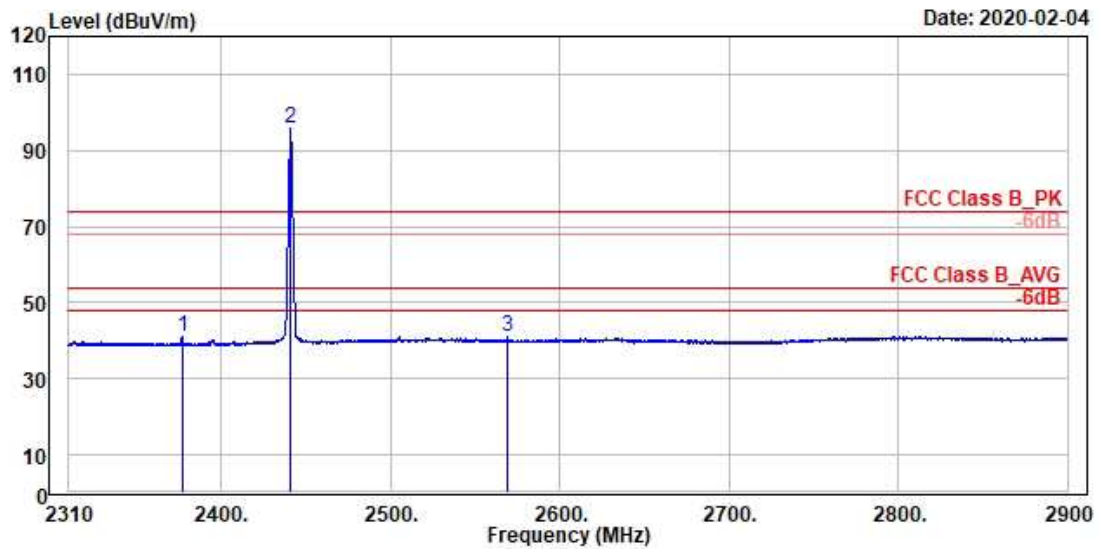
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



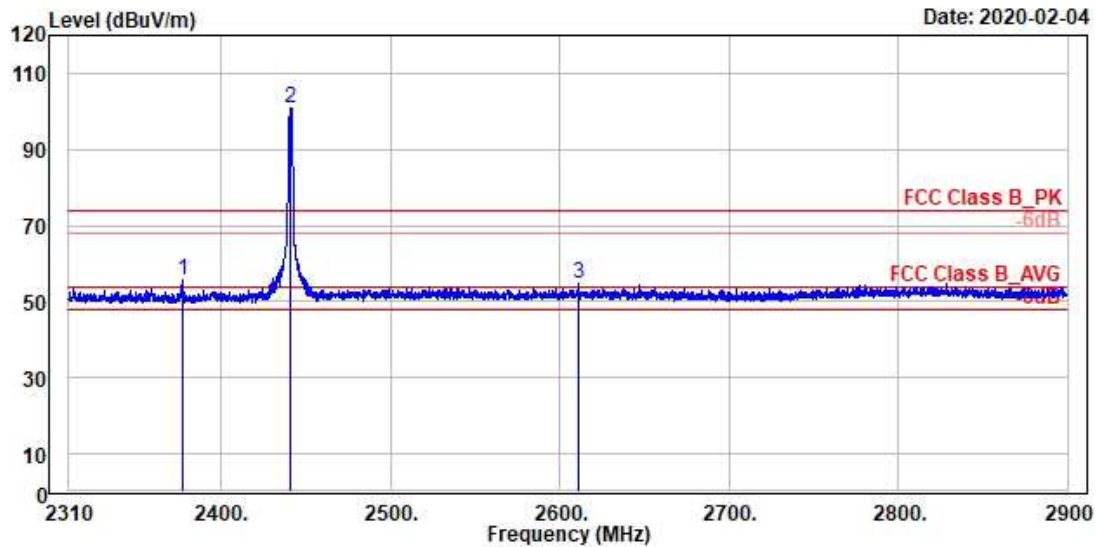
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2376.906	45.90	8.74	37.16	74.00	-28.10	128	190	Average	Horizontal
2 *	2441.000	99.53	62.18	37.35	74.00	25.53	128	190	Average	Horizontal
3	2505.054	41.07	3.38	37.69	74.00	-32.93	128	190	Average	Horizontal



TÜV 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



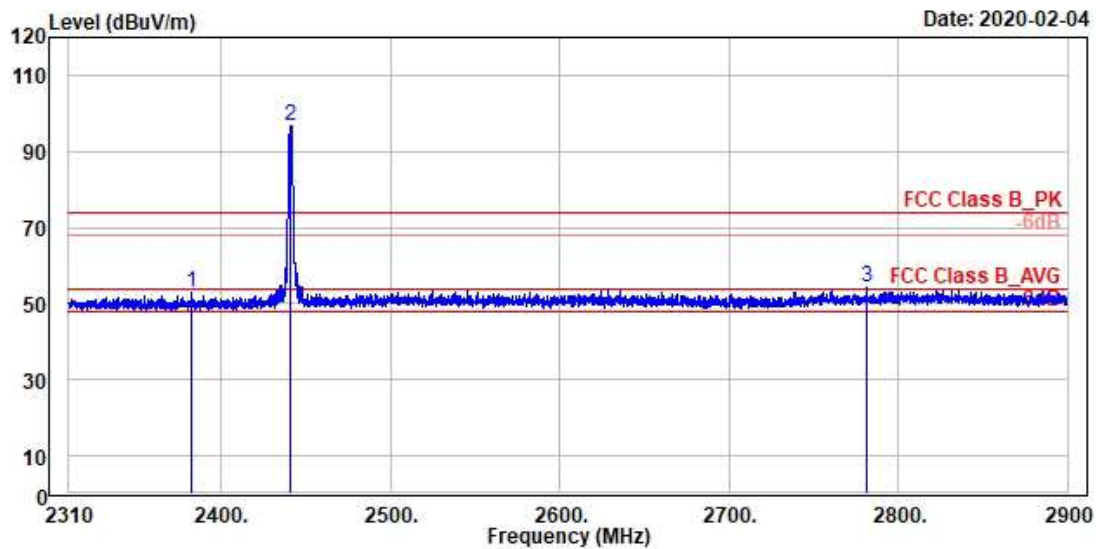
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2376.906	41.00	3.84	37.16	74.00	-33.00	235	321	Average	Vertical
2 *	2441.000	95.63	58.28	37.35	74.00	21.63	235	321	Average	Vertical
3	2568.892	41.18	3.32	37.86	74.00	-32.82	235	321	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	2377.024	55.69	18.53	37.16	74.00	-18.31	128	190	Peak	Horizontal
2 *	2441.000	100.87	63.52	37.35	74.00	26.87	128	190	Peak	Horizontal
3	2611.136	54.96	17.23	37.73	74.00	-19.04	128	190	Peak	Horizontal



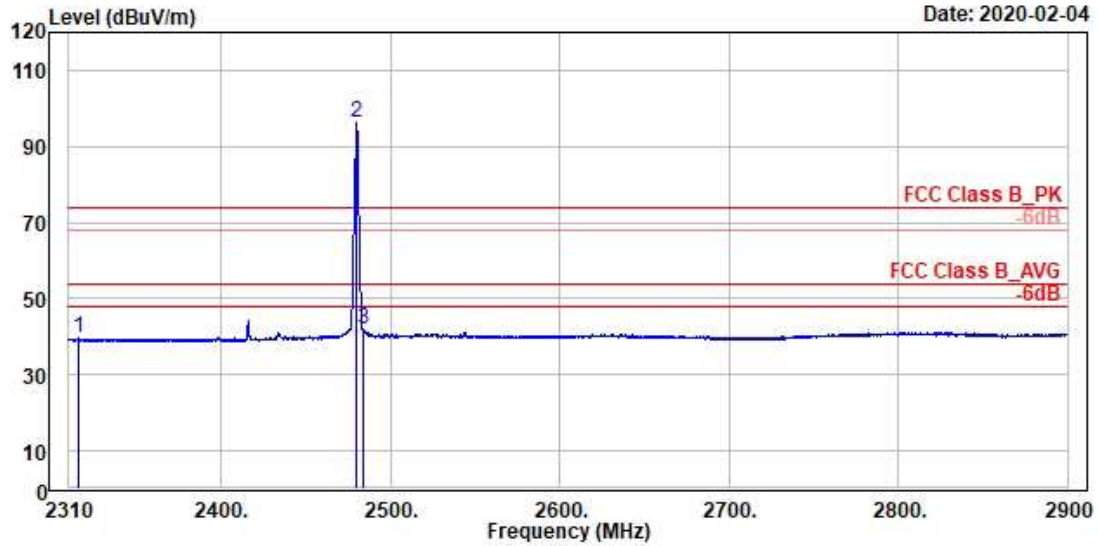
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	2382.216	52.74	15.59	37.15	74.00	-21.26	235	321	Peak	Vertical
2 *	2441.000	96.95	59.60	37.35	74.00	22.95	235	321	Peak	Vertical
3	2781.174	54.32	16.22	38.10	74.00	-19.68	235	321	Peak	Vertical



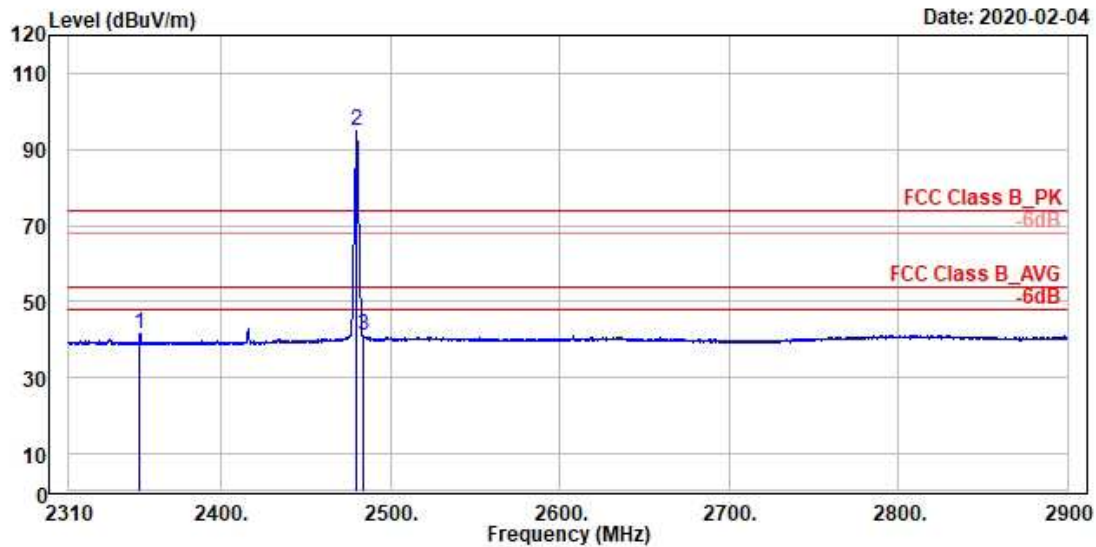
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



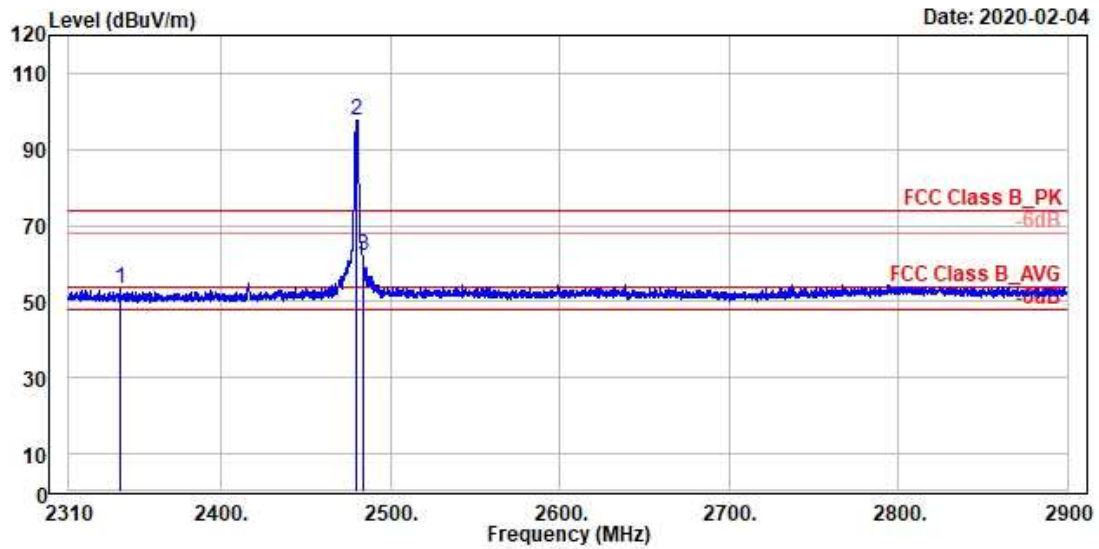
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2315.546	39.54	2.41	37.13	74.00	-34.46	158	232	Average	Horizontal
2 *	2480.038	96.47	58.91	37.56	74.00	22.47	158	232	Average	Horizontal
3	2483.578	42.03	4.46	37.57	74.00	-31.97	158	232	Average	Horizontal



TÜV 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



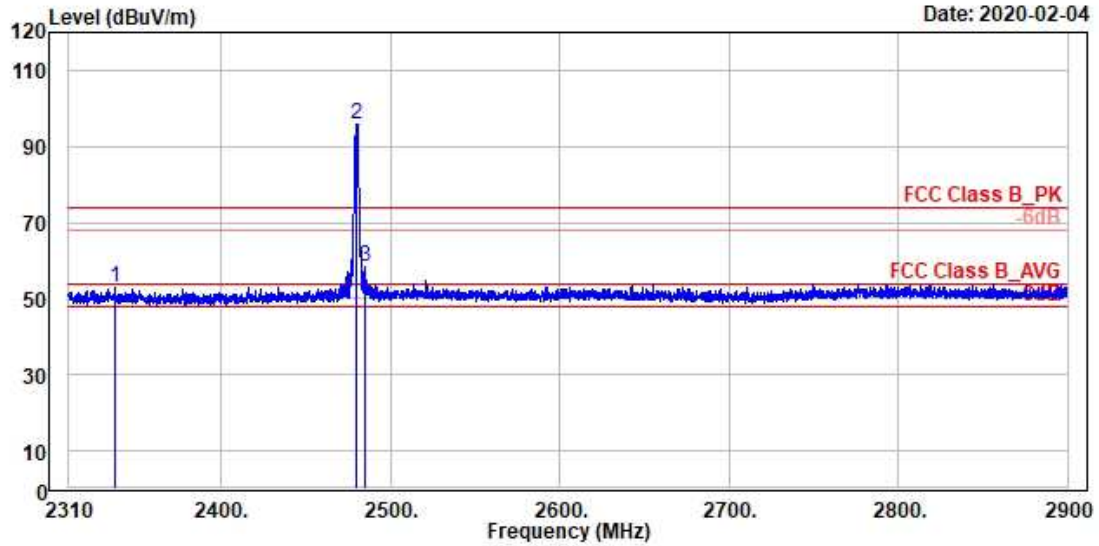
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2352.008	41.60	4.42	37.18	74.00	-32.40	400	305	Average	VERTICAL
2 *	2480.000	94.68	57.12	37.56	74.00	20.68	400	305	Average	VERTICAL
3	2483.500	41.19	3.62	37.57	74.00	-32.81	400	305	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	2340.326	53.21	16.05	37.16	74.00	-20.79	158	232	Peak	Horizontal
2 *	2480.000	97.86	60.30	37.56	74.00	23.86	158	232	Peak	Horizontal
3	2483.500	61.93	24.36	37.57	74.00	-12.07	158	232	Peak	Horizontal



TÜV 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



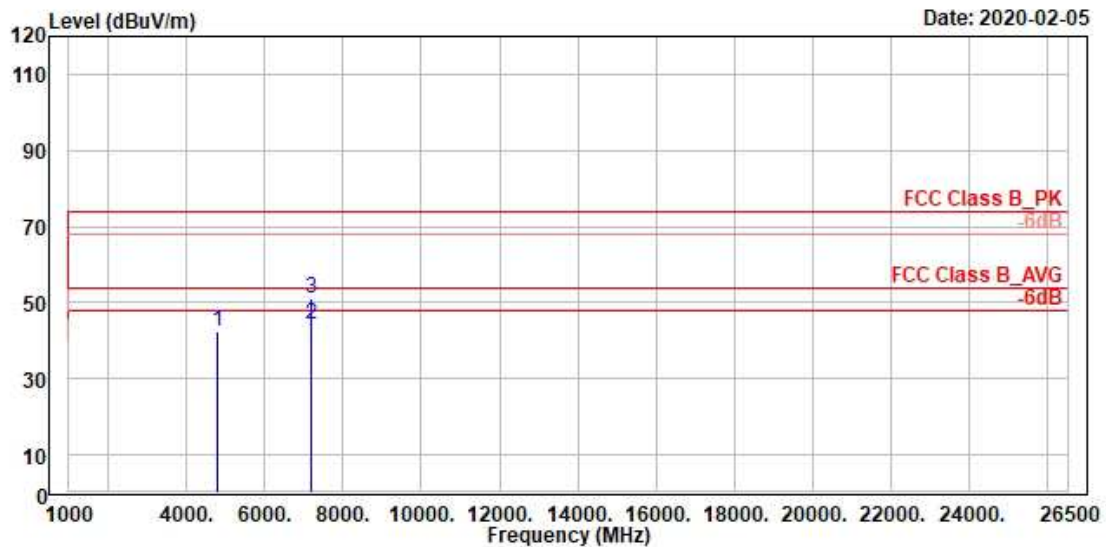
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2336.786	53.05	15.89	37.16	74.00	-20.95	400	305	Peak	VERTICAL
2 *	2480.000	96.02	58.46	37.56	74.00	22.02	400	305	Peak	VERTICAL
3	2484.522	58.41	20.83	37.58	74.00	-15.59	400	305	Peak	VERTICAL

Spurious Emissions, TX Mode, 1GHz-26.5GHz (Nordic Original 2M)

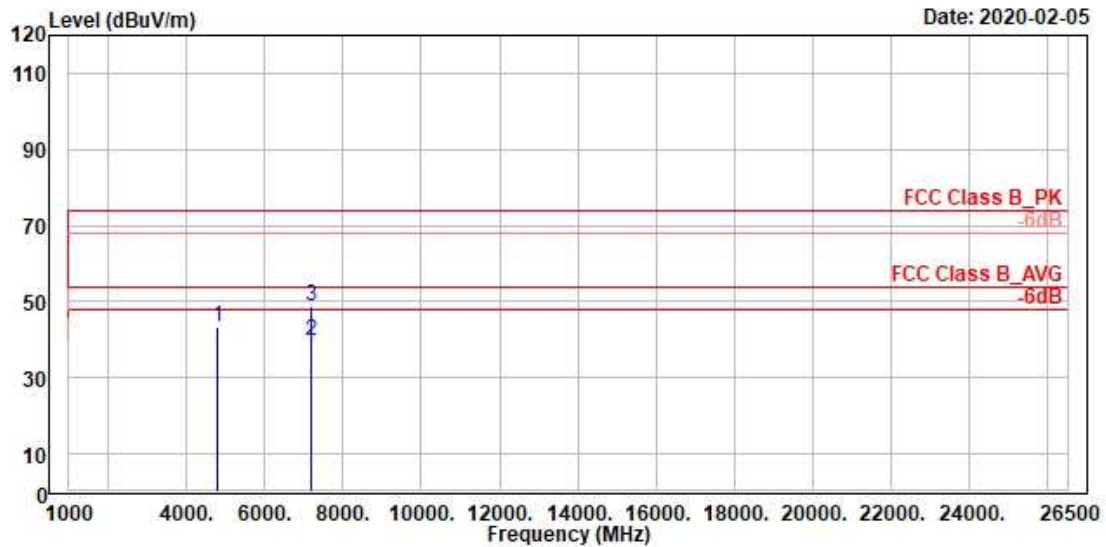
2402MHz_Horizontal



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



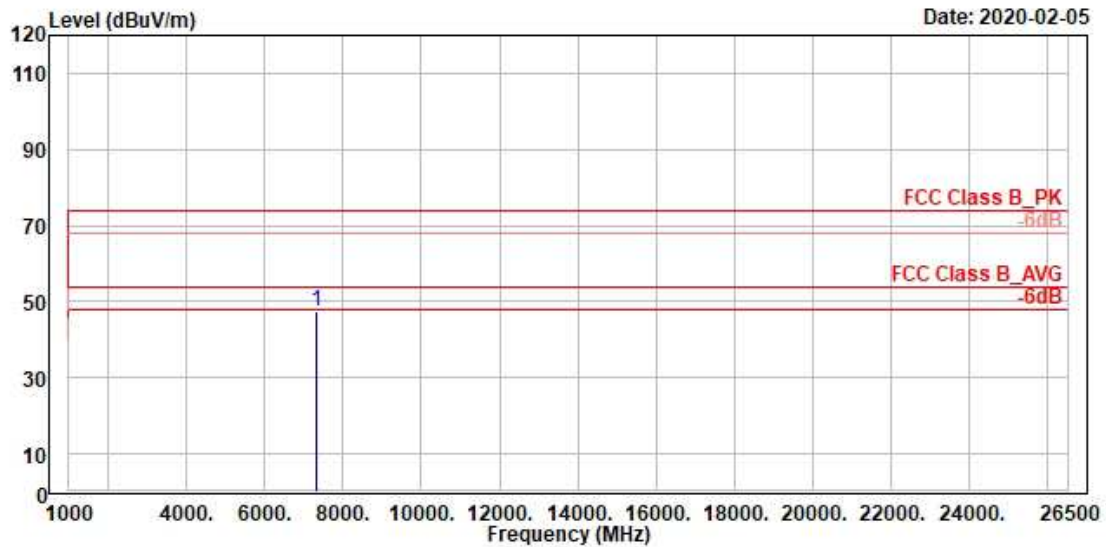
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4804.000	42.44	52.48	-10.04	74.00	-31.56	100	123	Peak	horizontal
2	7206.000	44.12	51.68	-7.56	54.00	-9.88	113	360	Average	horizontal
3	7206.000	51.01	58.57	-7.56	74.00	-22.99	113	360	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	4804.000	43.54	53.58	-10.04	74.00	-30.46	400	358	Peak	vertical
2	7206.000	39.75	47.31	-7.56	54.00	-14.25	400	117	Average	vertical
3	7206.000	48.65	56.21	-7.56	74.00	-25.35	400	117	Peak	vertical



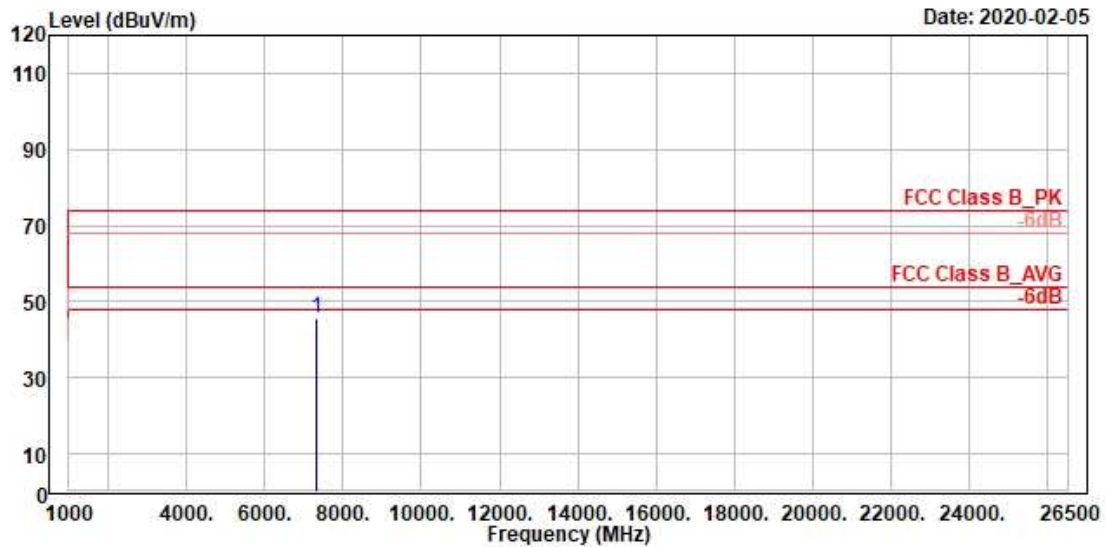
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



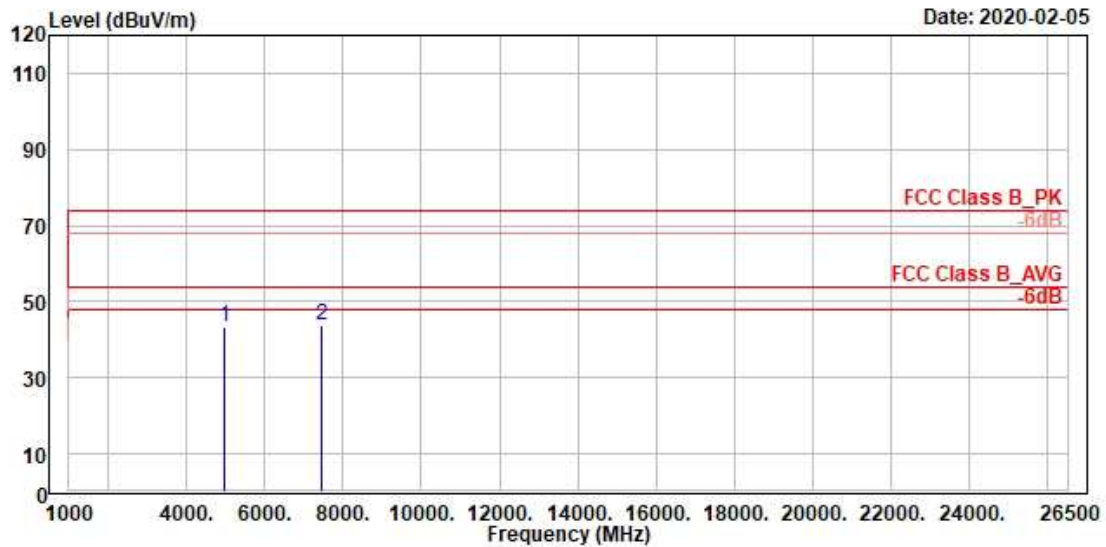
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	7323.000	47.49	54.96	-7.47	74.00	-26.51	400	92	Peak	horizontal



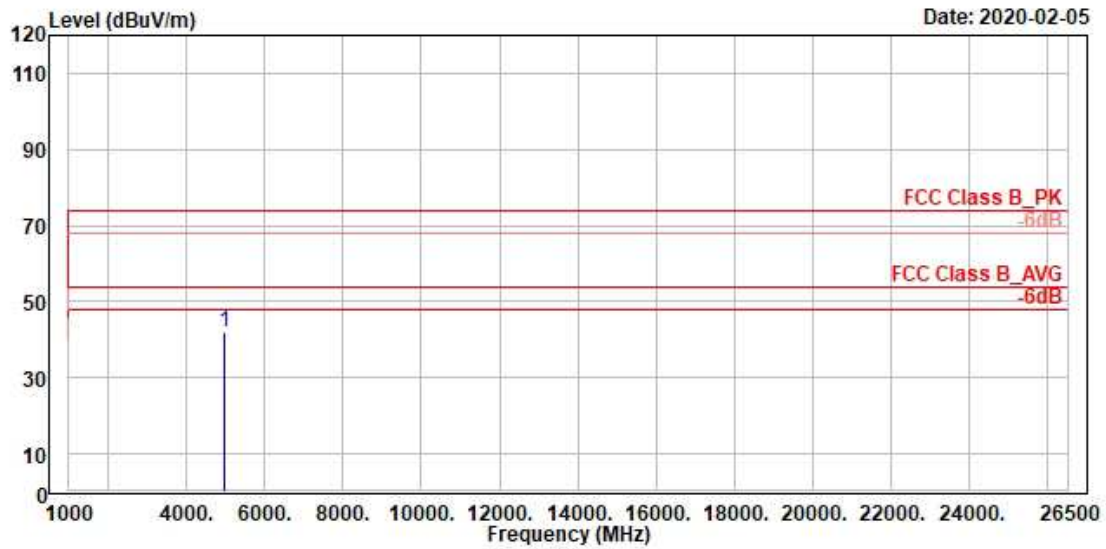
TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



	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	7323.000	45.64	53.11	-7.47	74.00	-28.36	400	169	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	4960.000	43.15	52.88	-9.73	74.00	-30.85	200	219	Peak	horizontal
2	7440.000	43.87	51.36	-7.49	74.00	-30.13	400	59	Peak	horizontal

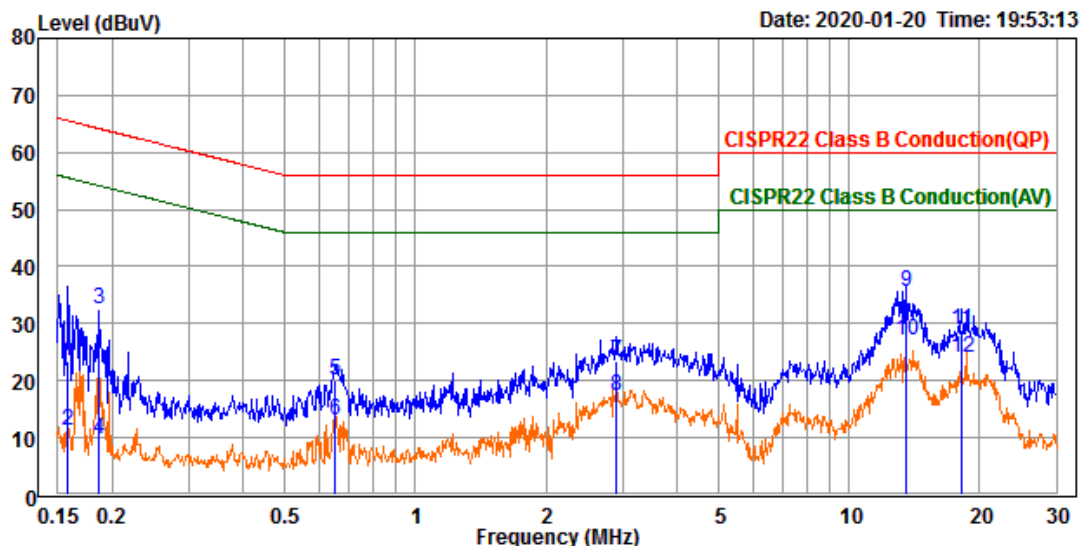


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.000	41.89	51.62	-9.73	74.00	-32.11	400	133	Peak	vertical

Spurious Emissions, AC Mains (802.15.4)



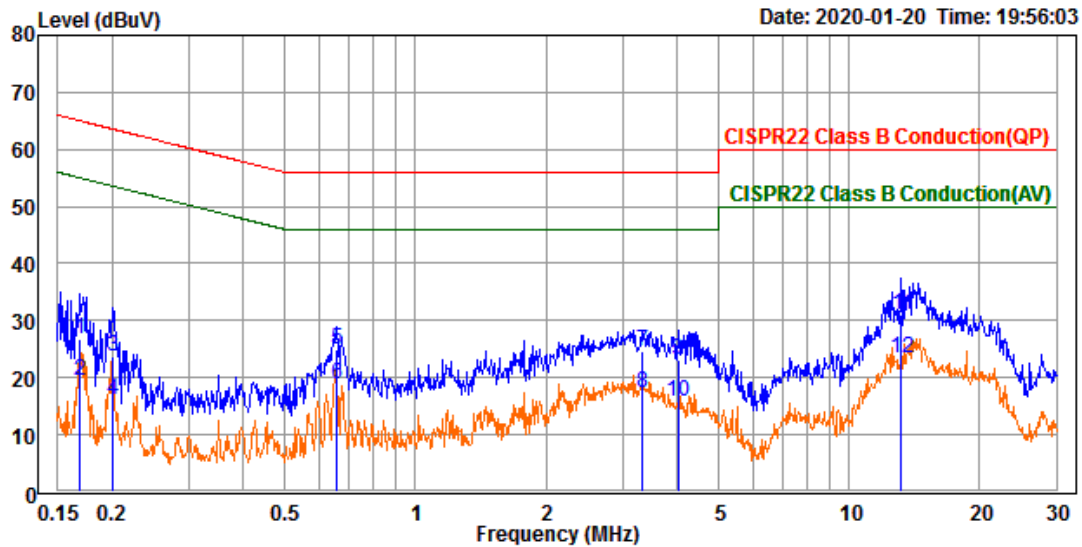
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



Trace: 1

Site : Conduction room
Condition : CISPR22 Class B Conduction(QP) line1
Test Engineer: Aslen Chiu
Product : Wireless combo module
Model No. : EYSNCN
Test Rating : 120Vac / 60Hz
Tmp/Hum : 24.5°C / 42%
Memo : Vdc 3V
: IEEE 802.15.4

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.158	13.93	9.61	23.54	65.54	-42.00	QP
2	0.158	1.65	9.61	11.26	55.54	-44.28	Average
3	0.187	22.97	9.61	32.58	64.18	-31.60	QP
4	0.187	0.17	9.61	9.78	54.18	-44.40	Average
5	0.653	10.59	9.62	20.21	56.00	-35.79	QP
6	0.653	3.60	9.62	13.22	46.00	-32.78	Average
7	2.911	13.83	9.65	23.48	56.00	-32.52	QP
8	2.911	7.78	9.65	17.43	46.00	-28.57	Average
9	13.581	25.70	9.75	35.45	60.00	-24.55	QP
10	13.581	17.19	9.75	26.94	50.00	-23.06	Average
11	18.134	19.07	9.78	28.85	60.00	-31.15	QP
12	18.134	14.33	9.78	24.11	50.00	-25.89	Average



Trace: 1

Site : Conduction room

Condition : CISPR22 Class B Conduction(QP) neutral

Test Engineer: Aslen Chiu

Product : Wireless combo module

Model No. : EYSNCN

Test Rating : 120Vac / 60Hz

Tmp/Hum : 24.5°C / 42%

Memo : Vdc 3V

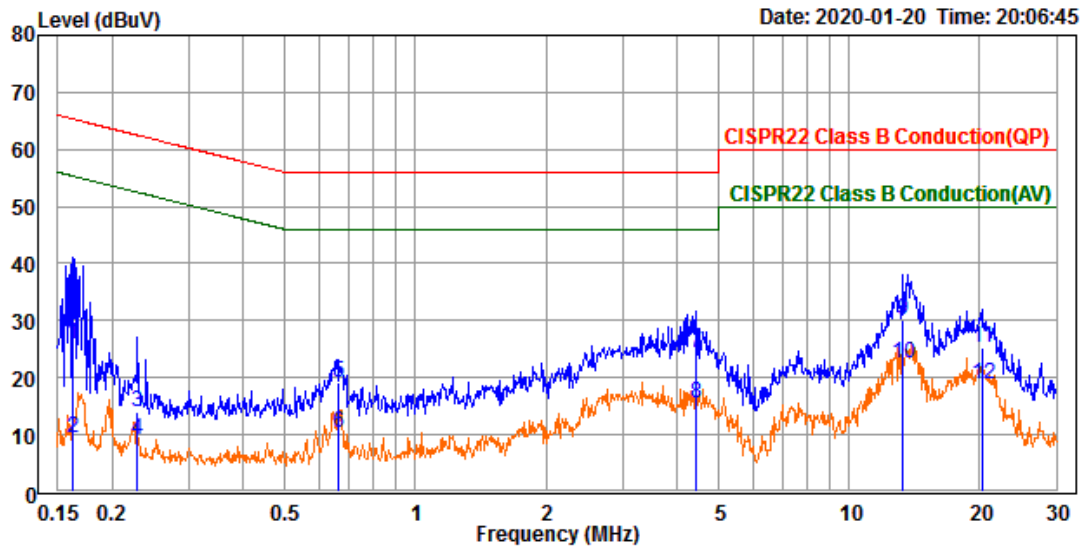
: IEEE 802.15.4

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.169	17.29	9.62	26.91	65.01	-38.10	QP
2	0.169	9.81	9.62	19.43	55.01	-35.58	Average
3	0.201	14.01	9.62	23.63	63.56	-39.93	QP
4	0.201	6.46	9.62	16.08	53.56	-37.48	Average
5	0.656	15.34	9.63	24.97	56.00	-31.03	QP
6	0.656	9.25	9.63	18.88	46.00	-27.12	Average
7	3.330	15.03	9.66	24.69	56.00	-31.31	QP
8	3.330	7.81	9.66	17.47	46.00	-28.53	Average
9	4.025	13.31	9.68	22.99	56.00	-33.01	QP
10	4.025	6.10	9.68	15.78	46.00	-30.22	Average
11	13.181	21.40	9.77	31.17	60.00	-28.83	QP
12	13.181	13.52	9.77	23.29	50.00	-26.71	Average

Spurious Emissions, AC Mains (BLE 2M)



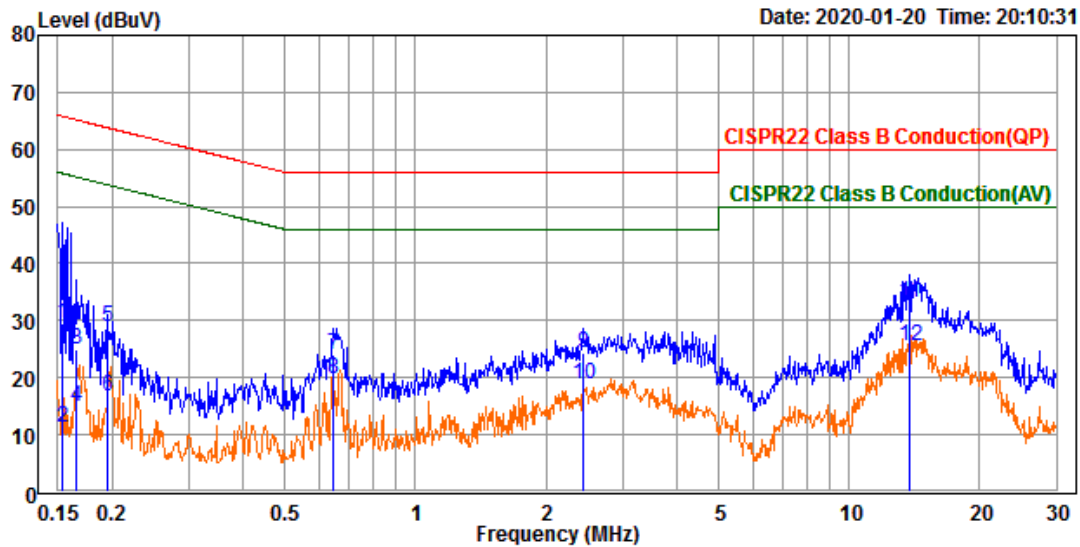
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



Trace: 1

Site : Conduction room
Condition : CISPR22 Class B Conduction(QP) line1
Test Engineer: Aslen Chiu
Product : Wireless combo module
Model No. : EYSNCN
Test Rating : 120Vac / 60Hz
Tmp/Hum : 24.5°C / 42%
Memo : Vdc 3V
: LE 2M

	Read			Limit	Over	
Freq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.162	16.29	9.61	25.90	65.38	-39.48 QP
2	0.162	-0.06	9.61	9.55	55.38	-45.83 Average
3	0.229	4.33	9.61	13.94	62.48	-48.54 QP
4	0.229	-0.54	9.61	9.07	52.48	-43.41 Average
5	0.662	9.51	9.62	19.13	56.00	-36.87 QP
6	0.662	0.81	9.62	10.43	46.00	-35.57 Average
7	4.425	14.70	9.68	24.38	56.00	-31.62 QP
8	4.425	5.89	9.68	15.57	46.00	-30.43 Average
9	13.313	20.38	9.75	30.13	60.00	-29.87 QP
10	13.313	12.79	9.75	22.54	50.00	-27.46 Average
11	20.235	15.52	9.79	25.31	60.00	-34.69 QP
12	20.235	9.11	9.79	18.90	50.00	-31.10 Average



Trace: 1

Site : Conduction room

Condition : CISPR22 Class B Conduction(QP) neutral

Test Engineer: Aslen Chiu

Product : Wireless combo module

Model No. : EYSNCN

Test Rating : 120Vac / 60Hz

Tmp/Hum : 24.5°C / 42%

Memo : Vdc 3V

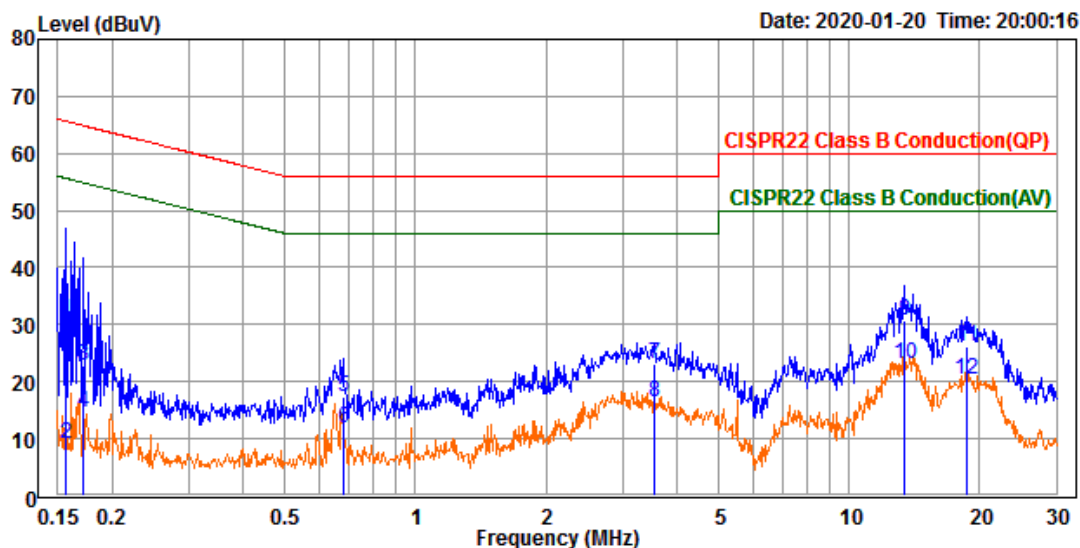
: LE 2M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.154	19.83	9.62	29.45	65.79	-36.34	QP
2	0.154	1.72	9.62	11.34	55.79	-44.45	Average
3	0.165	15.22	9.62	24.84	65.21	-40.37	QP
4	0.165	5.30	9.62	14.92	55.21	-40.29	Average
5	0.194	19.19	9.62	28.81	63.85	-35.04	QP
6	0.194	7.11	9.62	16.73	53.85	-37.12	Average
7	0.646	14.46	9.63	24.09	56.00	-31.91	QP
8	0.646	10.11	9.63	19.74	46.00	-26.26	Average
9	2.433	14.68	9.66	24.34	56.00	-31.66	QP
10	2.433	9.09	9.66	18.75	46.00	-27.25	Average
11	13.786	23.39	9.78	33.17	60.00	-26.83	QP
12	13.786	15.79	9.78	25.57	50.00	-24.43	Average

Spurious Emissions, AC Mains (BLE long range)



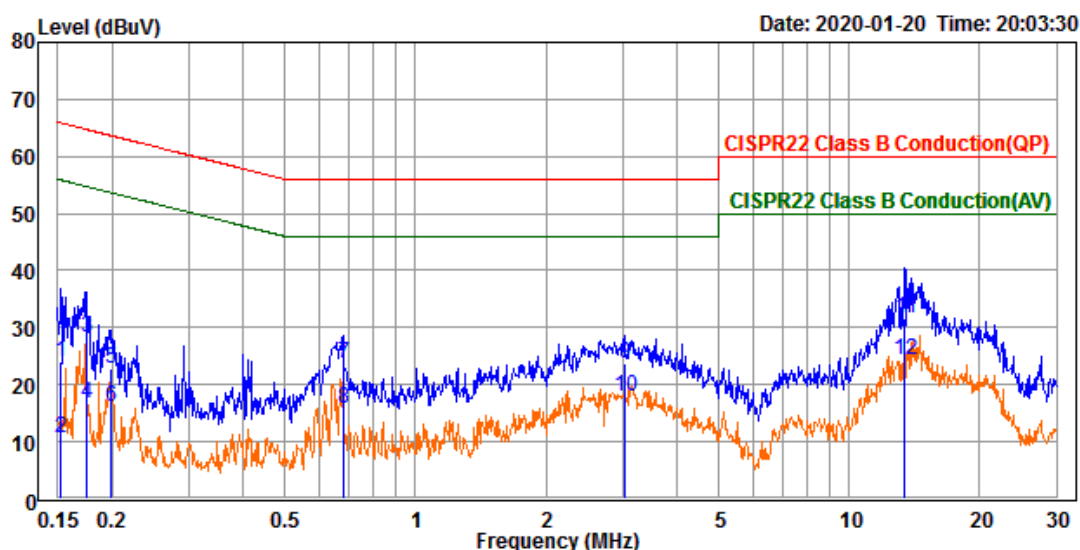
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



Trace: 1

Site : Conduction room
Condition : CISPR22 Class B Conduction(QP) line1
Test Engineer: Aslen Chiu
Product : Wireless combo module
Model No. : EYSNCN
Test Rating : 120Vac / 60Hz
Tmp/Hum : 24.5°C / 42%
Memo : Vdc 3V
: BT LE 125K

	Read			Limit	Over	
Freq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.157	21.01	9.61	30.62	65.63	-35.01 QP
2	0.157	-0.35	9.61	9.26	55.63	-46.37 Average
3	0.172	13.06	9.61	22.67	64.88	-42.21 QP
4	0.172	4.90	9.61	14.51	54.88	-40.37 Average
5	0.683	7.73	9.62	17.35	56.00	-38.65 QP
6	0.683	2.28	9.62	11.90	46.00	-34.10 Average
7	3.553	13.32	9.67	22.99	56.00	-33.01 QP
8	3.553	6.64	9.67	16.31	46.00	-29.69 Average
9	13.380	21.12	9.75	30.87	60.00	-29.13 QP
10	13.380	13.50	9.75	23.25	50.00	-26.75 Average
11	18.591	16.43	9.79	26.22	60.00	-33.78 QP
12	18.591	10.61	9.79	20.40	50.00	-29.60 Average



Trace: 1

Site : Conduction room

Condition : CISPR22 Class B Conduction(QP) neutral

Test Engineer: Aslen Chiu

Product : Wireless combo module

Model No. : EYSNCN

Test Rating : 120Vac / 60Hz

Tmp/Hum : 24.5°C / 42%

Memo : Vdc 3V

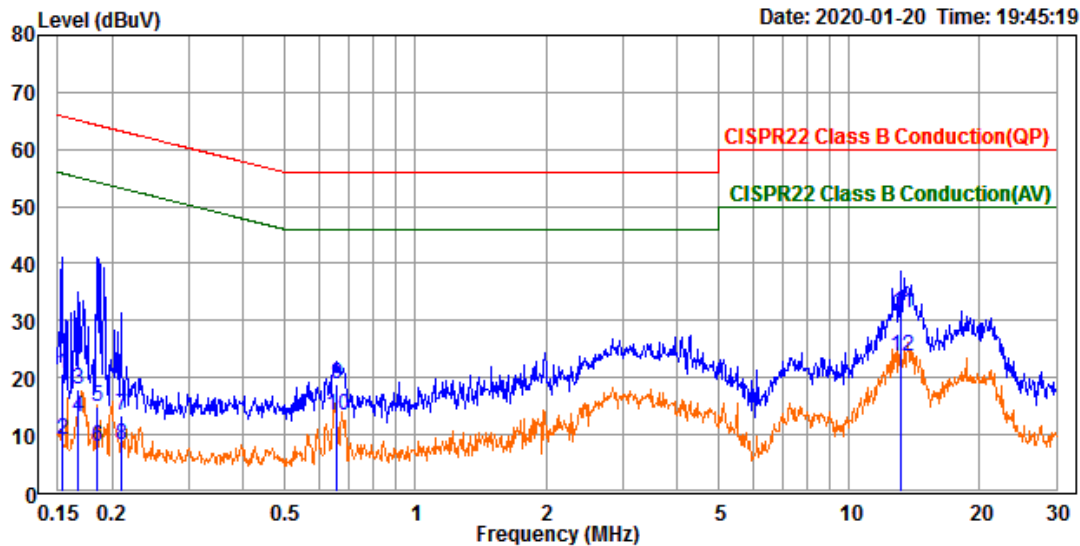
: BT LE 125K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.152	14.31	9.62	23.93	65.88	-41.95	QP
2	0.152	1.04	9.62	10.66	55.88	-45.22	Average
3	0.174	18.69	9.62	28.31	64.76	-36.45	QP
4	0.174	6.98	9.62	16.60	54.76	-38.16	Average
5	0.198	13.06	9.62	22.68	63.68	-41.00	QP
6	0.198	6.50	9.62	16.12	53.68	-37.56	Average
7	0.683	14.06	9.63	23.69	56.00	-32.31	QP
8	0.683	6.34	9.63	15.97	46.00	-30.03	Average
9	3.030	14.08	9.66	23.74	56.00	-32.26	QP
10	3.030	8.14	9.66	17.80	46.00	-28.20	Average
11	13.447	21.91	9.78	31.69	60.00	-28.31	QP
12	13.447	14.45	9.78	24.23	50.00	-25.77	Average

Spurious Emissions, AC Mains (ANT 1M)



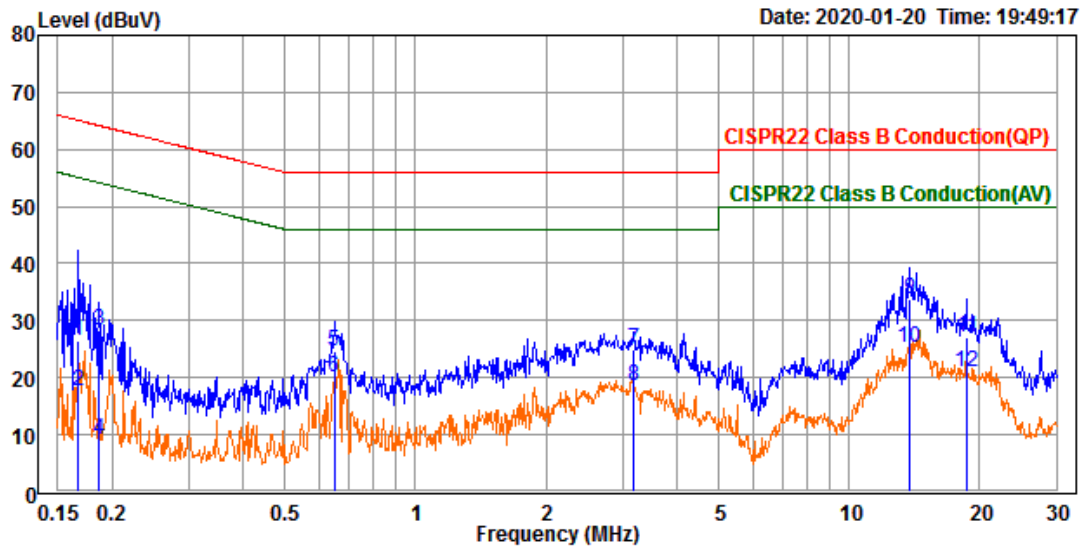
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



Trace: 1

Site : Conduction room
Condition : CISPR22 Class B Conduction(QP) line1
Test Engineer: Aslen Chiu
Product : Wireless combo module
Model No. : EYSNCN
Test Rating : 120Vac / 60Hz
Tmp/Hum : 24.5°C / 42%
Memo : Vdc 3V
: NRF 1M

	Read Freq	Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.153	11.18	9.61	20.79	65.83	-45.04	QP
2	0.153	-0.39	9.61	9.22	55.83	-46.61	Average
3	0.167	8.37	9.61	17.98	65.09	-47.11	QP
4	0.167	3.39	9.61	13.00	55.09	-42.09	Average
5	0.184	5.22	9.61	14.83	64.30	-49.47	QP
6	0.184	-1.61	9.61	8.00	54.30	-46.30	Average
7	0.209	3.68	9.61	13.29	63.23	-49.94	QP
8	0.209	-1.37	9.61	8.24	53.23	-44.99	Average
9	0.656	9.15	9.62	18.77	56.00	-37.23	QP
10	0.656	3.70	9.62	13.32	46.00	-32.68	Average
11	13.181	21.49	9.75	31.24	60.00	-28.76	QP
12	13.181	13.83	9.75	23.58	50.00	-26.42	Average



Trace: 1

Site : Conduction room

Condition : CISPR22 Class B Conduction(QP) neutral

Test Engineer: Aslen Chiu

Product : Wireless combo module

Model No. : EYSNCN

Test Rating : 120Vac / 60Hz

Tmp/Hum : 24.5°C / 42%

Memo : Vdc 3V

: NRF 1M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.167	16.81	9.62	26.43	65.09	-38.66	QP
2	0.167	8.13	9.62	17.75	55.09	-37.34	Average
3	0.186	18.63	9.62	28.25	64.22	-35.97	QP
4	0.186	-0.64	9.62	8.98	54.22	-45.24	Average
5	0.649	15.11	9.63	24.74	56.00	-31.26	QP
6	0.649	10.48	9.63	20.11	46.00	-25.89	Average
7	3.169	15.24	9.66	24.90	56.00	-31.10	QP
8	3.169	9.02	9.66	18.68	46.00	-27.32	Average
9	13.717	24.06	9.78	33.84	60.00	-26.16	QP
10	13.717	15.42	9.78	25.20	50.00	-24.80	Average
11	18.591	17.18	9.82	27.00	60.00	-33.00	QP
12	18.591	11.17	9.82	20.99	50.00	-29.01	Average