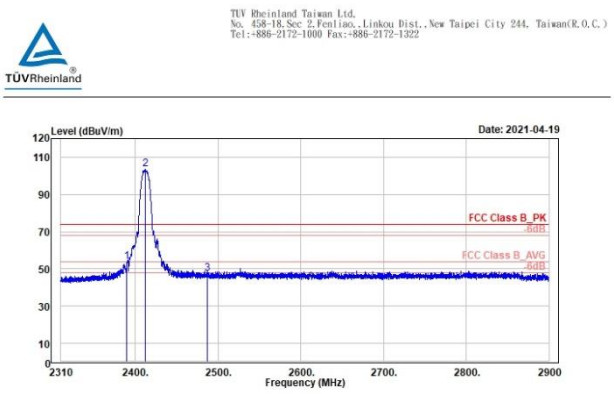
Appendix B: Test Results of Radiated Emissions & Mains Conducted Emission Test

Band Edges, 2.31GHz ~ 2.9GHz

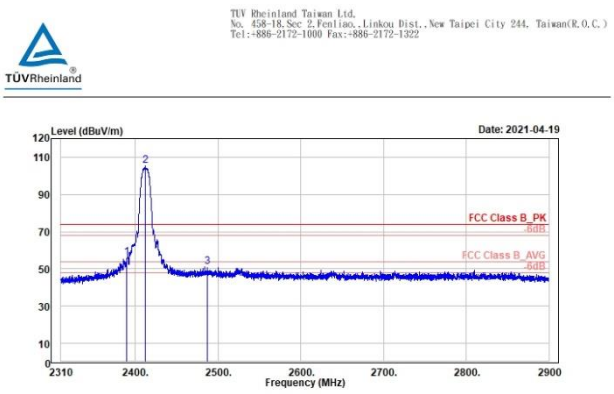
802.11b

Low Channel (Horizontal) Peak



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2390.00	53.67	16.37	37.30	74.00	-20.33	114	61	Peak	Horizontal	
2 *	2412.00	103.80	66.45	37.35	74.00	29.80	140	61	Peak	Horizontal	
3	2487.20	47.40	9.66	37.74	74.00	-26.60	114	61	Peak	Horizontal	

Low Channel (Vertical) Peak



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.85	55.93	18.63	37.30	74.00	-18.07	282	113	Peak	Vertical	
2 *	2412.00	105.35	68.00	37.35	74.00	31.35	282	113	Peak	Vertical	
3	2487.20	51.11	13.37	37.74	74.00	-22.89	282	113	Peak	Vertical	

802.11b

Low Channel (Horizontal) Average

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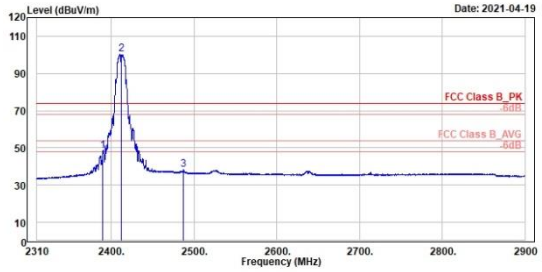
Tel:+886-2172-1000 Fax:+886-2172-1322



		Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
		MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	!	2390.00	48.42	11.12	37.30	54.00	-5.58	114	61	Average	Horizontal	
2	*	2412.00	100.21	62.86	37.35	54.00	46.21	140	61	Average	Horizontal	
3		2487.20	38.20	0.46	37.74	54.00	-15.80	114	61	Average	Horizontal	

Low Channel (Vertical) Average

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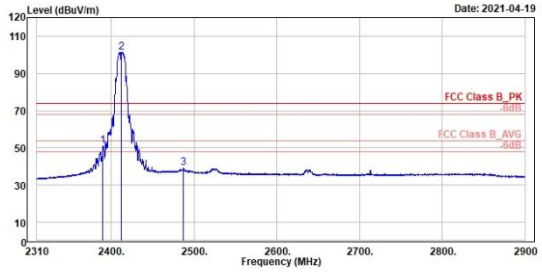
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



		Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
		MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	!	2389.85	51.31	14.01	37.30	54.00	-2.69	282	113	Average	Vertical	
2	*	2412.00	101.47	64.12	37.35	54.00	47.47	282	113	Average	Vertical	
3		2487.20	39.05	1.31	37.74	54.00	-14.95	282	113	Average	Vertical	

802.11b

High Channel (Horizontal) Peak

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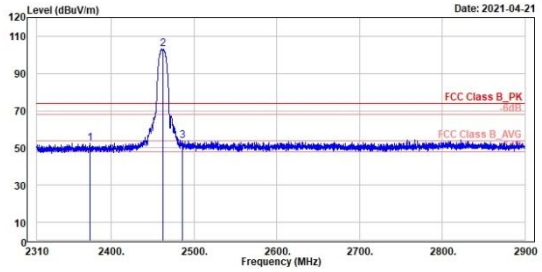
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2373.72	52.52	15.24	37.28	74.00	-21.48	304	126	Peak	Horizontal	
2 *	2462.00	103.19	65.63	37.56	74.00	29.19	304	126	Peak	Horizontal	
3	2486.17	53.81	16.08	37.73	74.00	-20.19	304	126	Peak	Horizontal	

High Channel (Vertical) Peak

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No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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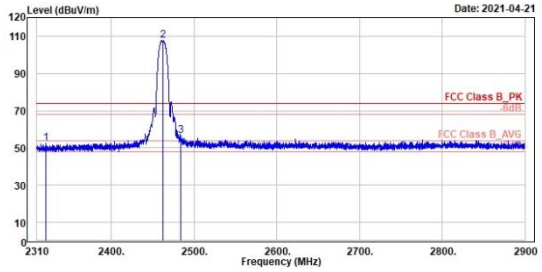

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2320.97	52.37	15.32	37.05	74.00	-21.63	300	97	Peak	Vertical	
2 *	2462.00	107.75	70.19	37.56	74.00	33.75	300	97	Peak	Vertical	
3	2483.81	56.49	18.78	37.71	74.00	-17.51	300	97	Peak	Vertical	

802.11b

High Channel (Horizontal) Average

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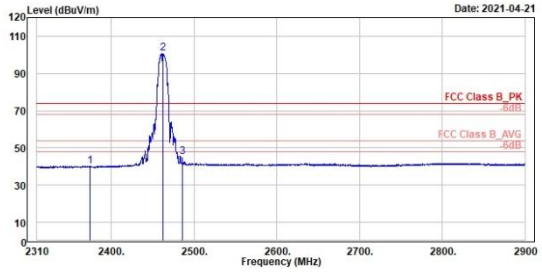

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2373.72	40.26	2.98	37.28	54.00	-13.74	304	126	Average	Horizontal	
2 *	2462.00	100.71	63.15	37.56	54.00	46.71	304	126	Average	Horizontal	
3	2486.17	45.15	7.42	37.73	54.00	-8.85	304	126	Average	Horizontal	

High Channel (Vertical) Average

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No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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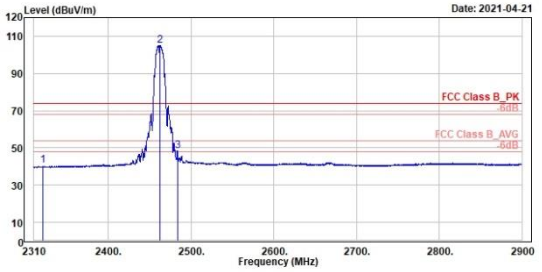

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2320.97	40.63	3.58	37.05	54.00	-13.37	300	97	Average	Vertical	
2 *	2462.00	105.15	67.59	37.56	54.00	51.15	300	97	Average	Vertical	
3 !	2483.81	48.36	10.65	37.71	54.00	-5.64	300	97	Average	Vertical	

802.11g

Low Channel (Horizontal) Peak

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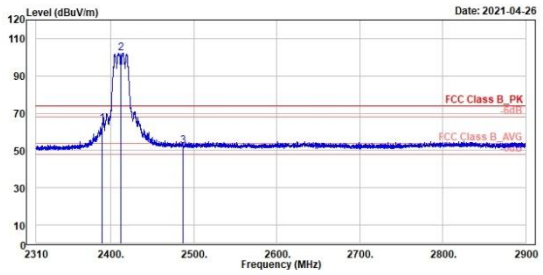

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.98	64.27	26.97	37.30	74.00	-9.73	284	0	Peak	Horizontal	
2 *	2412.00	102.26	64.91	37.35	74.00	28.26	101	0	Peak	Horizontal	
3	2487.39	52.64	14.90	37.74	74.00	-21.36	101	0	Peak	Horizontal	

Low Channel (Vertical) Peak

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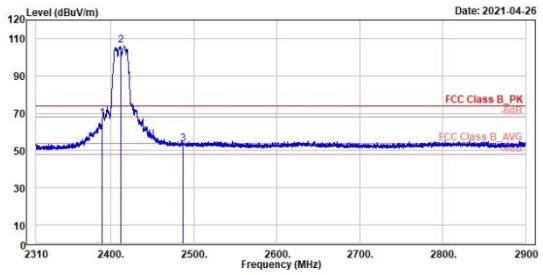
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.98	67.12	29.82	37.30	74.00	-6.88	285	125	Peak	Vertical	
2 *	2412.00	106.49	69.14	37.35	74.00	32.49	285	75	Peak	Vertical	
3	2487.39	53.36	15.62	37.74	74.00	-20.64	285	75	Peak	Vertical	

802.11g

Low Channel (Horizontal) Average

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No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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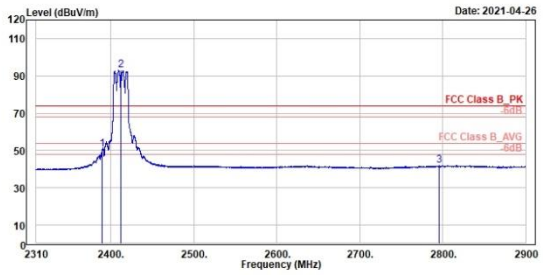

		Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
		MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	!	2389.98	50.70	13.40	37.30	54.00	-3.30	284	0	Average	Horizontal	
2	*	2412.00	93.13	55.78	37.35	54.00	39.13	101	0	Average	Horizontal	
3		2796.35	41.93	3.77	38.16	54.00	-12.07	101	0	Average	Horizontal	

Low Channel (Vertical) Average

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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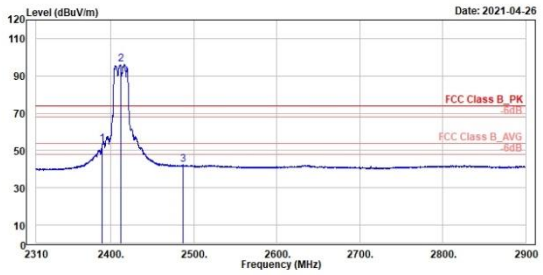

		Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
		MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	!	2389.98	53.38	16.08	37.30	54.00	-0.62	285	125	Average	Vertical	
2	*	2412.00	96.27	58.92	37.35	54.00	42.27	285	75	Average	Vertical	
3		2487.39	42.24	4.50	37.74	54.00	-11.76	285	75	Average	Vertical	

802.11g

High Channel (Horizontal) Peak

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No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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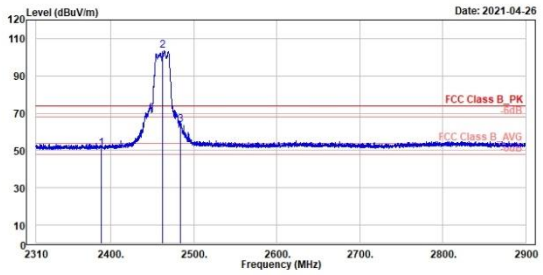
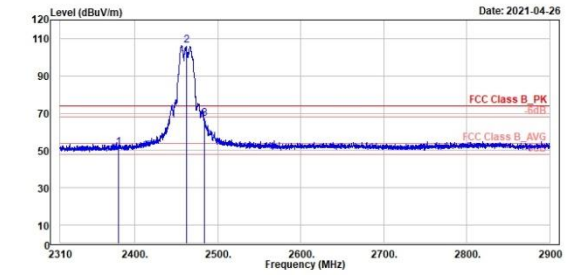


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2388.45	51.12	13.82	37.30	74.00	-22.88	245	359	Peak	Horizontal	
2 *	2462.00	103.50	65.94	37.56	74.00	29.50	245	359	Peak	Horizontal	
3	2483.50	63.81	26.10	37.71	74.00	-10.19	226	68	Peak	Horizontal	

High Channel (Vertical) Peak

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	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2380.08	51.68	14.39	37.29	74.00	-22.32	273	71	Peak	Vertical	
2 *	2462.00	106.40	68.84	37.56	74.00	32.40	273	71	Peak	Vertical	
3	2483.50	67.08	29.37	37.71	74.00	-6.92	273	82	Peak	Vertical	

802.11g

High Channel (Horizontal) Average

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No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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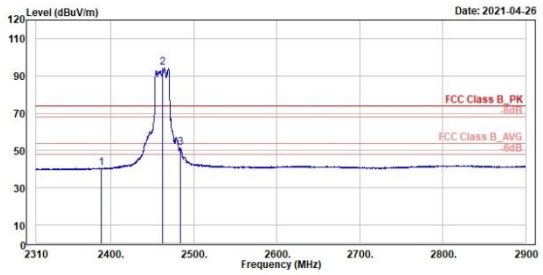
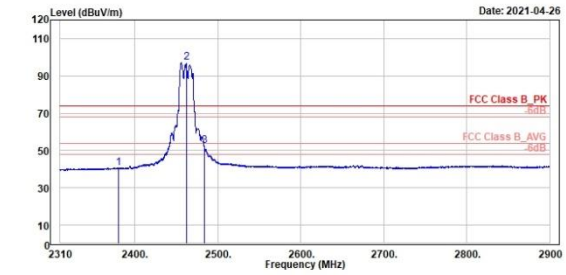


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2388.45	40.55	3.25	37.30	54.00	-13.45	245	359	Average	Horizontal	
2 *	2462.00	94.29	56.73	37.56	54.00	40.29	245	359	Average	Horizontal	
3 !	2483.50	51.39	13.68	37.71	54.00	-2.61	226	68	Average	Horizontal	

High Channel (Vertical) Average

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	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2380.08	40.75	3.46	37.29	54.00	-13.25	273	71	Average	Vertical	
2 *	2462.00	96.99	59.43	37.56	54.00	42.99	273	71	Average	Vertical	
3 !	2483.50	52.61	14.90	37.71	54.00	-1.39	273	82	Average	Vertical	

802.11n HT20

Low Channel (Horizontal) Peak

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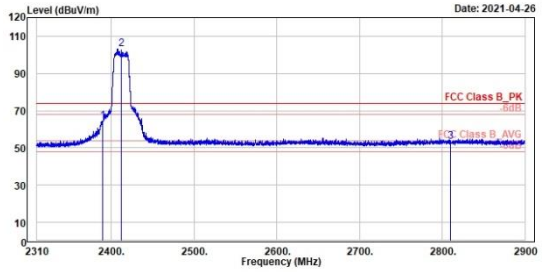
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.98	64.29	26.99	37.30	74.00	-9.71	318	324	Peak	Horizontal	
2 *	2412.00	103.09	65.74	37.35	74.00	29.09	125	340	Peak	Horizontal	
3	2810.48	53.19	15.00	38.19	74.00	-20.81	125	340	Peak	Horizontal	

Low Channel (Vertical) Peak

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No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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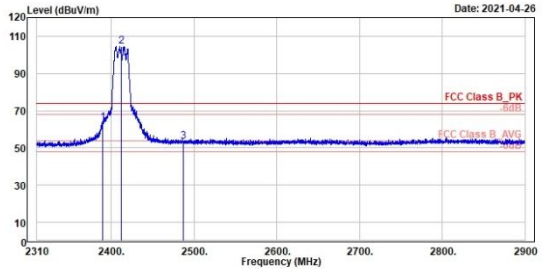

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.63	63.44	26.14	37.30	74.00	-10.56	339	70	Peak	Vertical	
2 *	2412.00	104.53	67.18	37.35	74.00	30.53	382	72	Peak	Vertical	
3	2487.51	53.28	15.53	37.75	74.00	-20.72	382	72	Peak	Vertical	

802.11n HT20

Low Channel (Horizontal) Average

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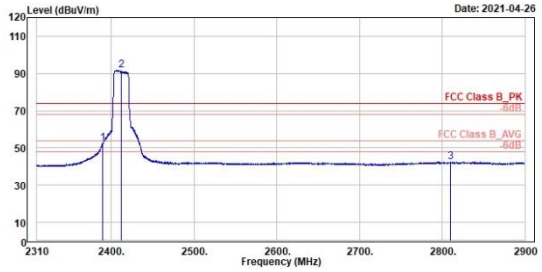
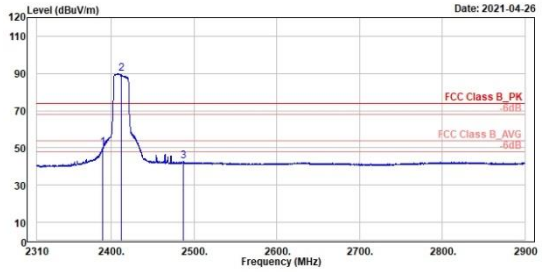
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 !	2389.98	52.43	15.13	37.30	54.00	-1.57	318	324	Average	Horizontal	
2 *	2412.00	91.90	54.55	37.35	54.00	37.90	125	340	Average	Horizontal	
3	2810.48	42.47	4.28	38.19	54.00	-11.53	125	340	Average	Horizontal	

Low Channel (Vertical) Average

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	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 !	2389.86	50.06	12.76	37.30	54.00	-3.94	339	70	Average	Vertical	
2 *	2412.00	89.87	52.52	37.35	54.00	35.87	382	72	Average	Vertical	
3	2487.51	42.81	5.06	37.75	54.00	-11.19	382	72	Average	Vertical	

802.11n HT20

High Channel (Horizontal) Peak

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No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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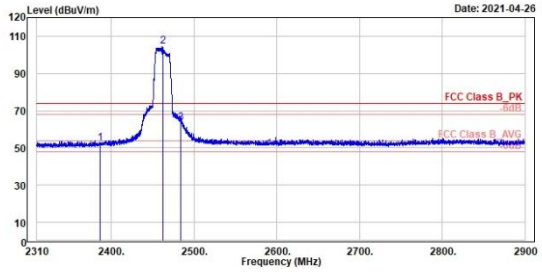
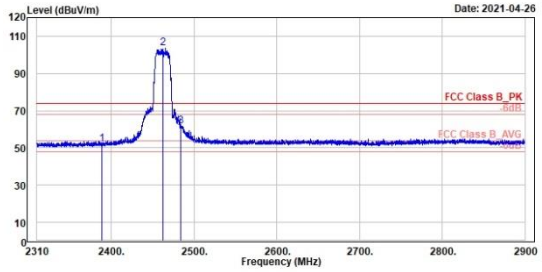


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2386.56	52.51	15.21	37.30	74.00	-21.49	106	331	Peak	Horizontal	
2 *	2462.00	104.29	66.73	37.56	74.00	30.29	108	332	Peak	Horizontal	
3	2483.62	63.38	25.67	37.71	74.00	-10.62	108	332	Peak	Horizontal	

High Channel (Vertical) Peak

TÜV 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	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2388.80	52.14	14.84	37.30	74.00	-21.86	348	253	Peak	Vertical	
2 *	2462.00	103.38	65.82	37.56	74.00	29.38	348	253	Peak	Vertical	
3	2483.62	61.74	24.03	37.71	74.00	-12.26	284	91	Peak	Vertical	

802.11n HT20

High Channel (Horizontal) Average

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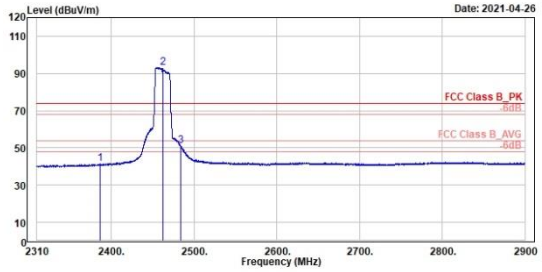
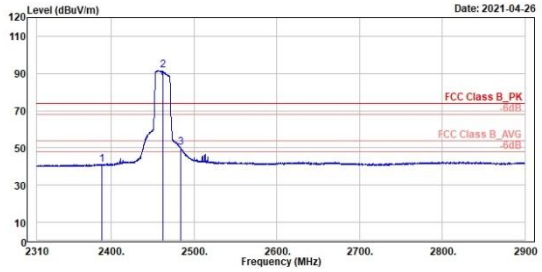


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2386.56	41.32	4.02	37.30	54.00	-12.68	106	331	Average	Horizontal	
2 *	2462.00	93.24	55.68	37.56	54.00	39.24	108	332	Average	Horizontal	
3 !	2483.62	50.91	13.20	37.71	54.00	-3.09	108	332	Average	Horizontal	

High Channel (Vertical) Average

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	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2388.80	41.17	3.87	37.30	54.00	-12.83	348	253	Average	Vertical	
2 *	2462.00	91.57	54.01	37.56	54.00	37.57	348	253	Average	Vertical	
3 !	2483.62	49.97	12.26	37.71	54.00	-4.03	284	91	Average	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

802.11g

Low Channel (open) 9kHz~150kHz

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No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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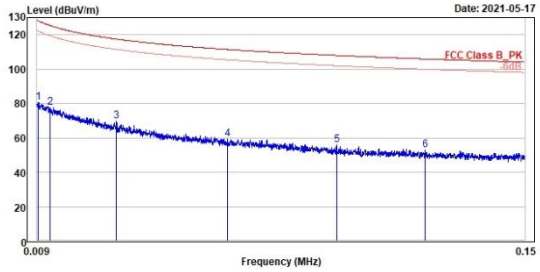

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.01	80.62	3.34	77.28	128.05	-47.43	100	333	QP	Open	
2	0.01	77.71	2.12	75.59	125.45	-47.74	100	188	QP	Open	
3	0.03	69.48	1.26	68.22	117.49	-48.01	100	160	QP	Open	
4	0.06	59.48	-2.47	61.95	111.46	-51.98	100	218	QP	Open	
5	0.10	55.63	-2.17	57.80	107.98	-52.35	100	7	QP	Open	
6	0.12	53.00	-3.31	56.31	105.92	-52.92	100	19	QP	Open	

Low Channel (Open) 150kHz~30MHz

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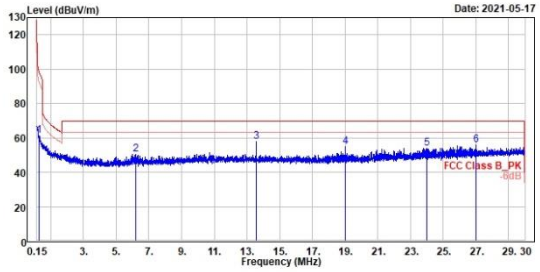
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.28	61.30	11.60	49.70	98.80	-37.50	100	107	QP	Open	
2	6.18	50.31	13.51	36.80	69.50	-19.19	100	201	QP	Open	
3	13.56	57.61	19.55	38.06	69.50	-11.89	100	338	QP	Open	
4	19.02	54.63	16.96	37.67	69.50	-14.87	100	74	QP	Open	
5	24.02	53.91	14.40	39.51	69.50	-15.59	100	350	QP	Open	
6	27.01	55.66	14.72	40.94	69.50	-13.84	100	360	QP	Open	

802.11g

Low Channel (Close) 9kHz~150kHz

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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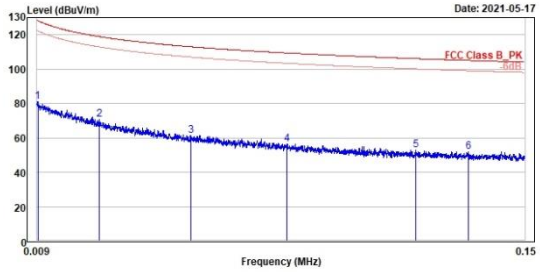

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.01	81.21	3.68	77.53	128.26	-47.05	100	233	QP	Close	
2	0.03	70.70	0.78	69.92	118.97	-48.27	100	301	QP	Close	
3	0.05	61.38	-1.96	63.34	113.01	-51.63	100	213	QP	Close	
4	0.08	56.39	-3.30	59.69	109.40	-53.01	100	231	QP	Close	
5	0.12	52.96	-3.46	56.42	106.12	-53.16	100	5	QP	Close	
6	0.13	51.99	-3.78	55.77	105.08	-53.09	100	260	QP	Close	

Low Channel (Close) 150kHz~30MHz

TUV Rheinland Taiwan Ltd.
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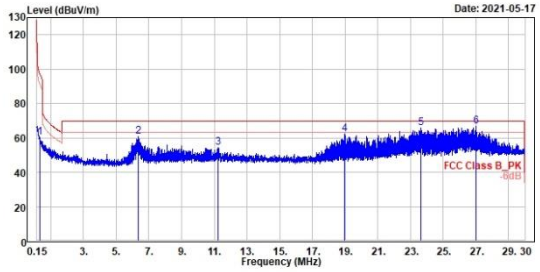

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.35	60.38	12.61	47.77	96.80	-36.42	100	107	QP	Close	
2	6.36	60.93	24.06	36.87	69.50	-8.57	100	97	QP	Close	
3	11.21	54.40	16.19	38.21	69.50	-15.10	100	256	QP	Close	
4	18.98	62.03	24.36	37.67	69.50	-7.47	100	313	QP	Close	
5 !	23.64	65.88	26.56	39.32	69.50	-3.62	100	204	QP	Close	
6 !	27.01	66.79	25.86	40.93	69.50	-2.71	100	113	QP	Close	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

802.11g

Low Channel (Horizontal)

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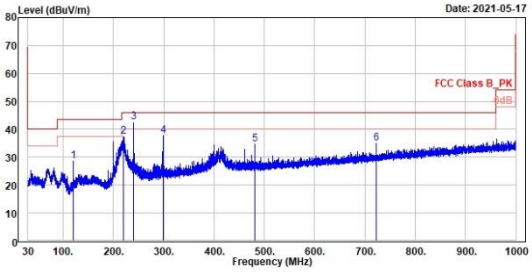
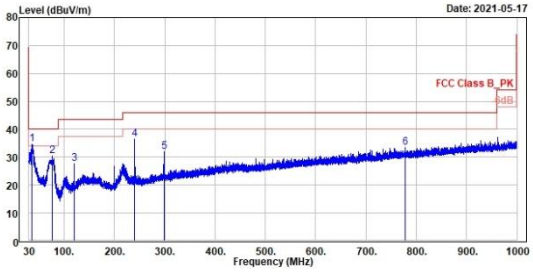


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	120.31	28.66	36.96	-8.30	43.50	-14.84	300	220	QP	Horizontal	
2	219.73	37.35	45.22	-7.87	46.00	-8.65	100	300	QP	Horizontal	
3 !	240.68	42.66	49.30	-6.64	46.00	-3.34	130	279	QP	Horizontal	
4	298.30	37.69	42.29	-4.60	46.00	-8.31	201	0	QP	Horizontal	
5	481.24	34.77	36.46	-1.69	46.00	-11.23	100	40	QP	Horizontal	
6	721.90	34.85	32.89	1.96	46.00	-11.15	400	22	QP	Horizontal	

Low Channel (Vertical)

TÜV 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	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1 !	36.31	34.61	41.51	-6.90	40.00	-5.39	100	153	QP	Vertical	
2	76.95	30.38	40.10	-9.72	40.00	-9.62	100	233	QP	Vertical	
3	120.31	27.69	35.99	-8.30	43.50	-15.81	100	193	QP	Vertical	
4	240.68	36.38	43.02	-6.64	46.00	-9.62	200	138	QP	Vertical	
5	298.30	32.01	36.61	-4.60	46.00	-13.99	100	280	QP	Vertical	
6	778.45	33.35	30.21	3.14	46.00	-12.65	101	0	QP	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

802.11b

Low Channel (Horizontal)

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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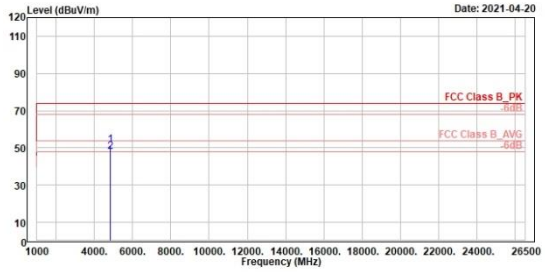

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	51.74	61.10	-9.36	74.00	-22.26	235	350	Peak	horizontal	
2 !	4824.00	48.10	57.46	-9.36	54.00	-5.90	235	350	Average	horizontal	

Low Channel (Vertical)

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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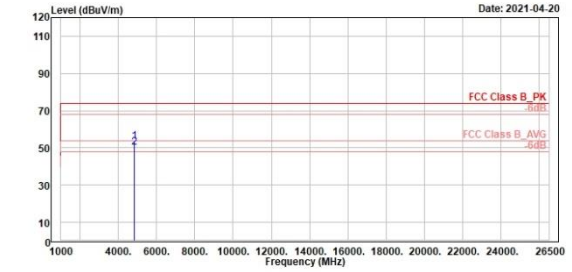

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	53.37	62.73	-9.36	74.00	-20.63	232	82	Peak	vertical	
2 !	4824.00	50.16	59.52	-9.36	54.00	-3.84	232	82	Average	vertical	

802.11b

Middle Channel (Horizontal)

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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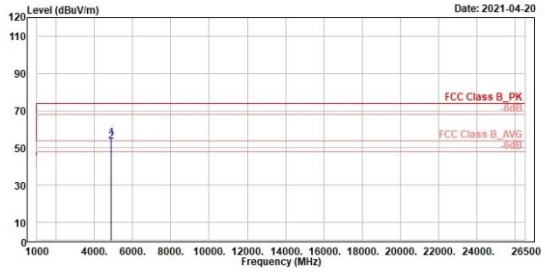
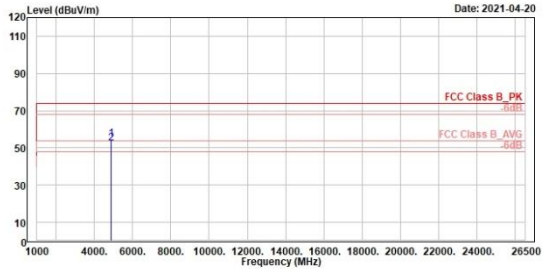


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	55.11	64.45	-9.34	74.00	-18.89	274	9	Peak	horizontal	
2 !	4874.00	53.20	62.54	-9.34	54.00	-0.80	274	9	Average	horizontal	

Middle Channel (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	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	54.53	63.87	-9.34	74.00	-19.47	109	65	Peak	vertical	
2 !	4874.00	52.51	61.85	-9.34	54.00	-1.49	109	65	Average	vertical	

802.11b

High Channel (Horizontal)

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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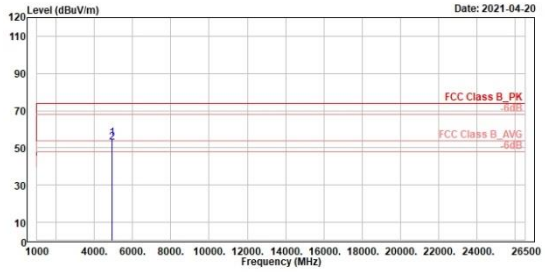
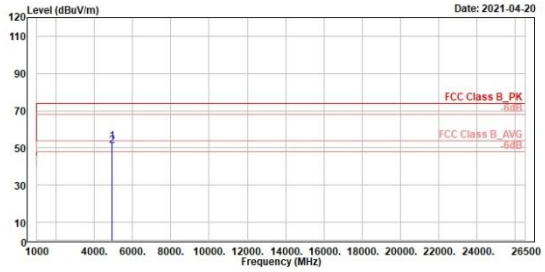


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.00	55.30	64.62	-9.32	74.00	-18.70	268	7	Peak	horizontal	
2 !	4924.00	52.82	62.14	-9.32	54.00	-1.18	268	7	Average	horizontal	

High Channel (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

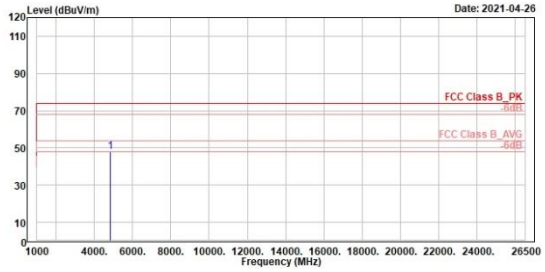


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.00	53.35	62.67	-9.32	74.00	-20.65	100	63	Peak	vertical	
2 !	4924.00	50.94	60.26	-9.32	54.00	-3.06	100	63	Average	vertical	

802.11g

Low Channel (Horizontal)

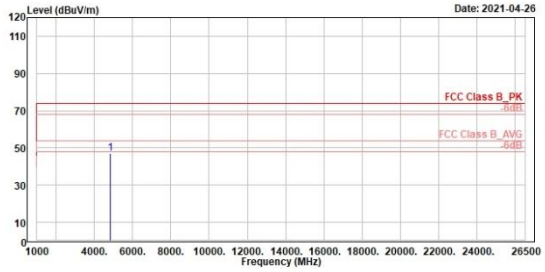
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel:+886-2172-1000 Fax:+886-2172-1322



	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	47.71	57.07	-9.36	74.00	-26.29	400	360	Peak	Horizontal	

Low Channel (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	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	46.95	56.31	-9.36	74.00	-27.05	300	106	Peak	Vertical	

802.11g

Middle Channel (Horizontal)

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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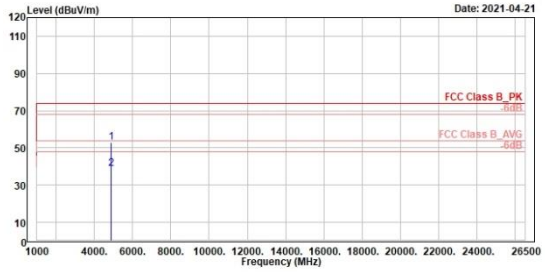

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	53.03	62.37	-9.34	74.00	-20.97	258	5	Peak	horizontal	
2	4874.00	38.72	48.06	-9.34	54.00	-15.28	258	5	Average	horizontal	

Middle Channel (Vertical)

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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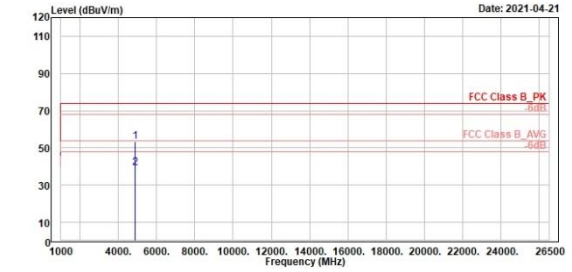

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	53.22	62.56	-9.34	74.00	-20.78	246	314	Peak	vertical	
2	4874.00	39.43	48.77	-9.34	54.00	-14.57	246	314	Average	vertical	

802.11g

High Channel (Horizontal)

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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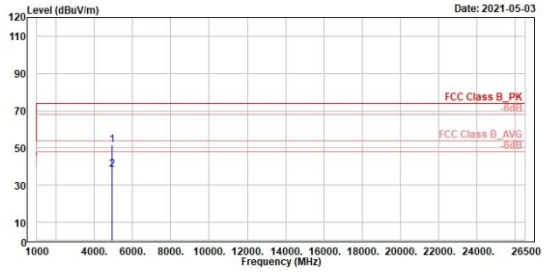

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.00	51.71	61.03	-9.32	74.00	-22.29	317	3	Peak	Horizontal	
2	4924.00	38.44	47.76	-9.32	54.00	-15.56	317	3	Average	Horizontal	

High Channel (Vertical)

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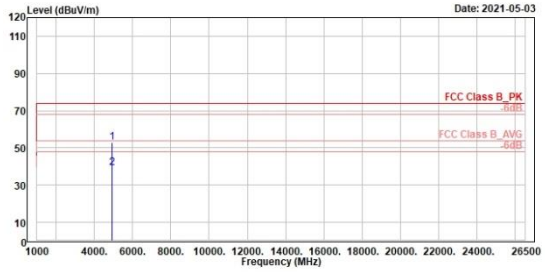

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.00	53.07	62.39	-9.32	74.00	-20.93	100	194	Peak	Vertical	
2	4924.00	39.03	48.35	-9.32	54.00	-14.97	100	194	Average	Vertical	

802.11n HT20

Low Channel (Horizontal)

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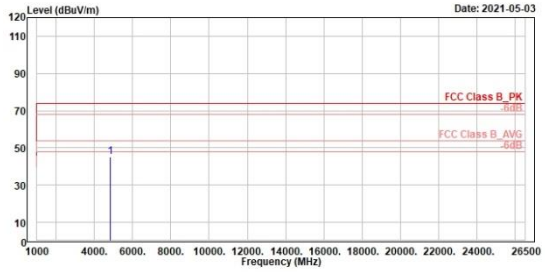

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	45.03	54.39	-9.36	74.00	-28.97	400	360	Peak	Horizontal	

Low Channel (Vertical)

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No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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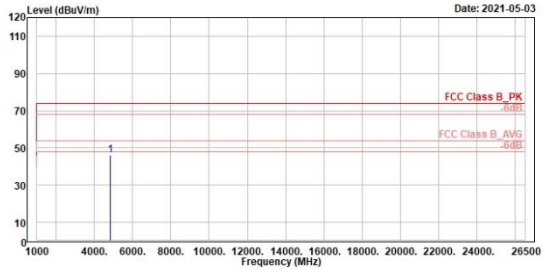

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	45.97	55.33	-9.36	74.00	-28.03	162	360	Peak	Vertical	

802.11n HT20

Middle Channel (Horizontal)

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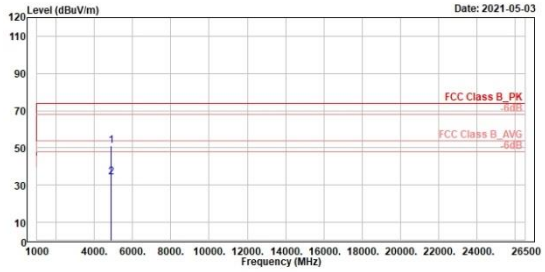

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	50.88	60.22	-9.34	74.00	-23.12	322	166	Peak	Horizontal	
2	4874.00	34.01	43.35	-9.34	54.00	-19.99	322	166	Average	Horizontal	

Middle Channel (Vertical)

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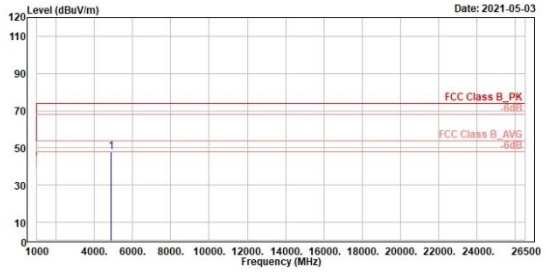

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	47.95	57.29	-9.34	74.00	-26.05	100	36	Peak	Vertical	

802.11n HT20

High Channel (Horizontal)

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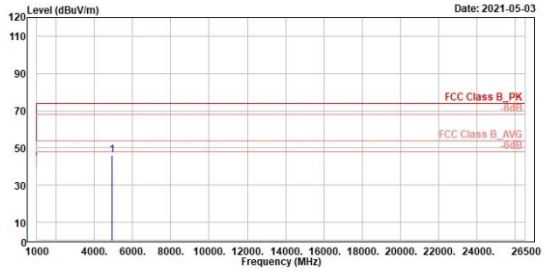

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.00	46.01	55.33	-9.32	74.00	-27.99	200	360	Peak	Horizontal	

High Channel (Vertical)

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No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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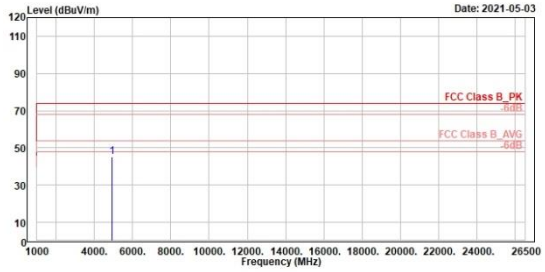

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.00	45.06	54.38	-9.32	74.00	-28.94	100	121	Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

(Line)

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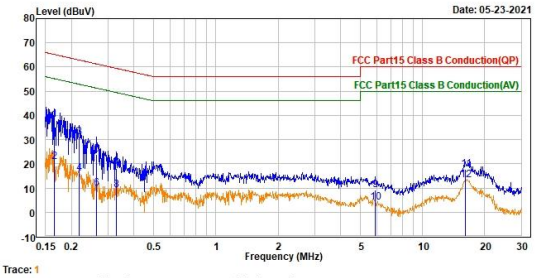

Trace: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	Note
	MHz	dBuV	dB	dBuV	dBuV	dB			
1	0.165	38.03	0.05	38.08	65.21	-27.13	QP	line1	
2	0.165	20.72	0.05	20.77	55.21	-34.44	Average	line1	
3	0.218	31.00	0.05	31.05	62.90	-31.85	QP	line1	
4	0.218	15.96	0.05	16.01	52.90	-36.89	Average	line1	
5	0.265	23.74	0.05	23.79	61.28	-37.49	QP	line1	
6	0.265	9.94	0.05	9.99	51.28	-41.29	Average	line1	
7	0.330	18.10	0.05	18.15	59.46	-41.31	QP	line1	
8	0.330	9.19	0.05	9.24	49.46	-40.22	Average	line1	
9	5.879	8.94	0.21	9.15	60.00	-50.85	QP	line1	
10	5.879	3.93	0.21	4.14	50.00	-45.86	Average	line1	
11	16.170	17.29	0.43	17.72	60.00	-42.28	QP	line1	
12	16.170	12.91	0.43	13.34	50.00	-36.66	Average	line1	

(Neutral)

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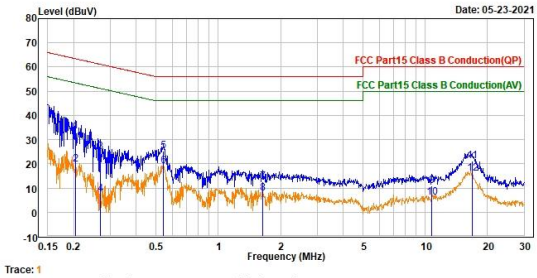

Trace: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	Note
	MHz	dBuV	dB	dBuV	dBuV	dB			
1	0.204	33.30	0.05	33.35	63.43	-30.08	QP	neutral	
2	0.204	19.78	0.05	19.83	53.43	-33.60	Average	neutral	
3	0.269	24.90	0.05	24.95	61.16	-36.21	QP	neutral	
4	0.269	7.38	0.05	7.43	51.16	-43.73	Average	neutral	
5	0.543	25.18	0.06	25.24	56.00	-30.76	QP	neutral	
6	0.543	19.14	0.06	19.20	46.00	-26.80	Average	neutral	
7	1.633	12.57	0.10	12.67	56.00	-43.33	QP	neutral	
8	1.633	7.54	0.10	7.64	46.00	-38.36	Average	neutral	
9	10.745	10.59	0.32	10.91	60.00	-49.09	QP	neutral	
10	10.745	5.62	0.32	5.94	50.00	-44.06	Average	neutral	
11	16.828	20.62	0.45	21.07	60.00	-38.93	QP	neutral	
12	16.828	15.70	0.45	16.15	50.00	-33.85	Average	neutral	