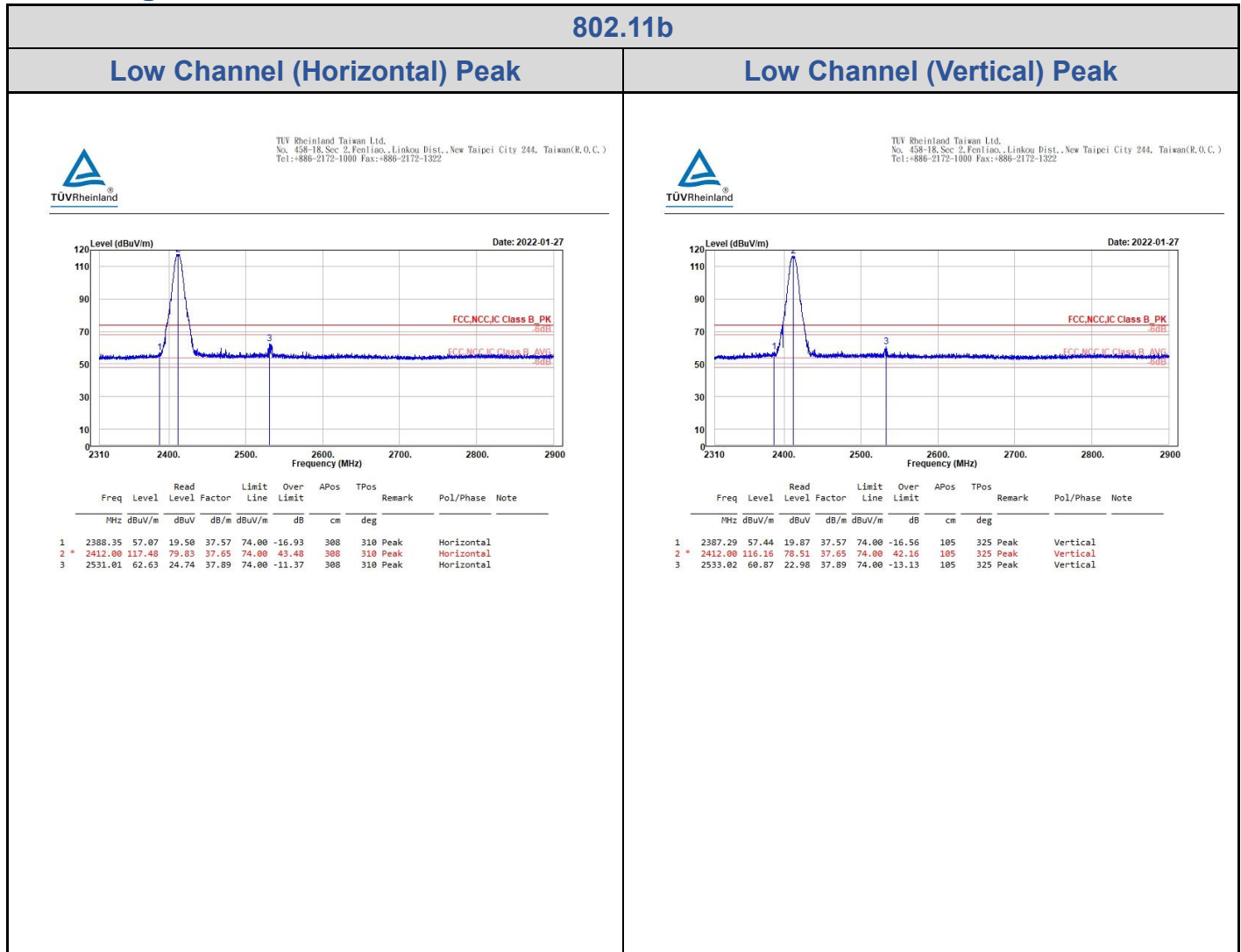


Appendix E: Test Results of Radiated Spurious Emissions & Mains

Radiated Emission Test (Adapter with 4T4R Mode)

Band Edges, 2.31GHz ~ 2.9GHz



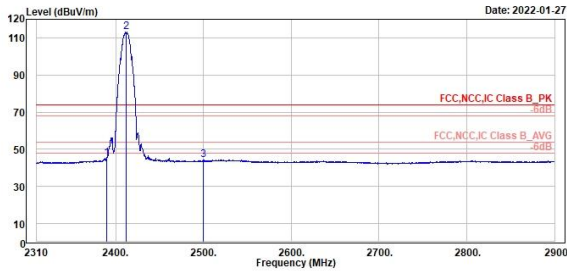
802.11b

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



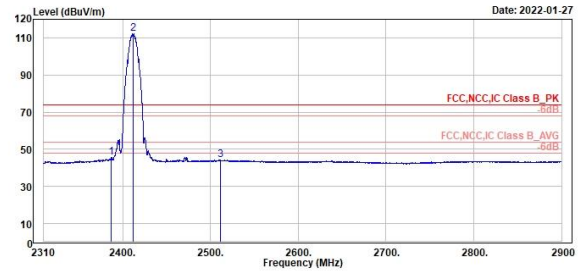
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	2390.00	45.09	7.51	37.58	54.00	-8.91	308	310 Average	Horizontal	
2 *	2412.00	113.37	75.72	37.65	54.00	59.37	308	310 Average	Horizontal	
3	2499.98	44.31	6.46	37.85	54.00	-9.69	308	310 Average	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	2387.29	45.66	8.09	37.57	54.00	-8.34	105	325 Average	Vertical	
2 *	2412.00	112.28	74.63	37.65	54.00	58.28	105	325 Average	Vertical	
3	2511.54	44.25	6.39	37.86	54.00	-9.75	105	325 Average	Vertical	

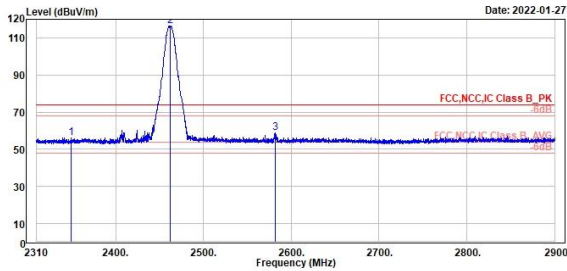
802.11b

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



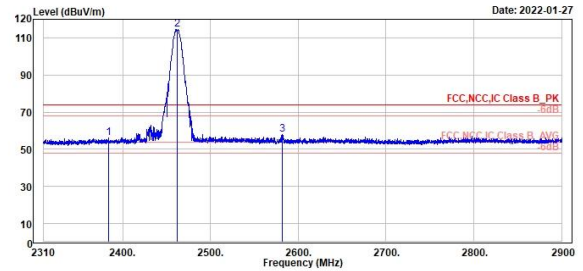
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



1	2	3
2349.77	2462.00	2581.52
56.18	116.48	58.76
18.81	78.75	20.81
37.37	37.73	37.95
74.00	74.00	74.00
-17.82	42.46	-15.24
330	330	330
313	313	313
Peak	Peak	Peak
Horizontal	Horizontal	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



1	2	3
2383.75	2462.00	2581.87
55.99	114.37	58.03
18.44	76.64	20.88
37.55	37.73	37.95
74.00	74.00	74.00
-18.01	40.37	-15.97
125	125	125
328	328	328
Peak	Peak	Peak
Vertical	Vertical	Vertical

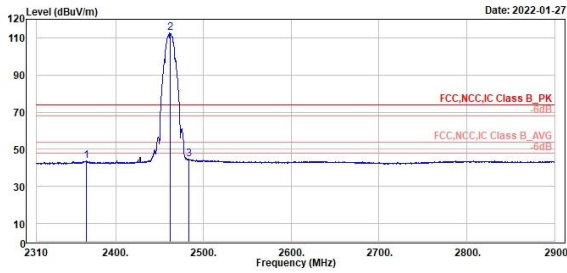
802.11b

High Channel (Horizontal) Average

High Channel (Vertical) Average



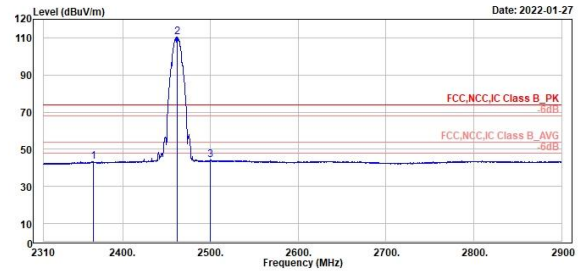
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2366.76	43.73	6.27	37.46	54.00	-10.27	330	313 Average	Horizontal
2 *	2462.00	112.62	74.89	37.73	54.00	58.62	330	313 Average	Horizontal
3	2483.58	44.54	6.74	37.80	54.00	-9.46	330	313 Average	Horizontal



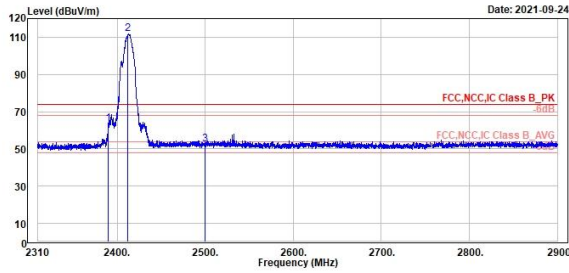
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2366.52	43.35	5.89	37.46	54.00	-10.65	125	328 Average	Vertical
2 *	2462.00	110.55	72.82	37.73	54.00	56.55	125	328 Average	Vertical
3	2499.98	44.28	6.43	37.85	54.00	-9.72	125	328 Average	Vertical

802.11g
Low Channel (Horizontal) Peak
Low Channel (Vertical) Peak

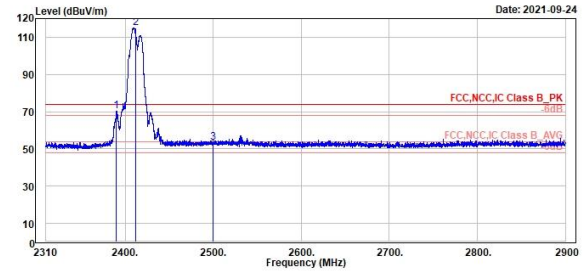

TÜV Rheinland Taiwan Ltd.
 No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.98	63.34	25.78	37.56	74.00	-10.66	132	5 Peak	Horizontal	
2 *	2412.00	111.78	73.98	37.72	74.00	37.78	132	5 Peak	Horizontal	
3	2499.99	52.65	14.40	38.25	74.00	-21.35	132	5 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	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.74	70.49	32.93	37.56	74.00	-3.51	399	0 Peak	Vertical	
2 *	2412.00	114.98	77.26	37.72	74.00	40.98	393	0 Peak	Vertical	
3	2499.76	53.41	15.16	38.25	74.00	-20.59	393	0 Peak	Vertical	

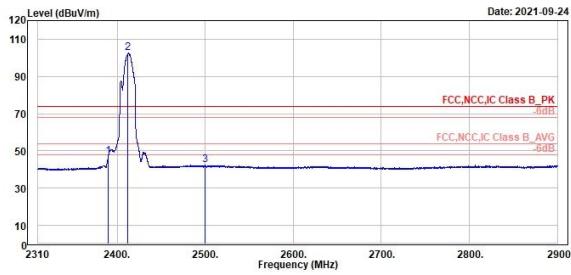
802.11g

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



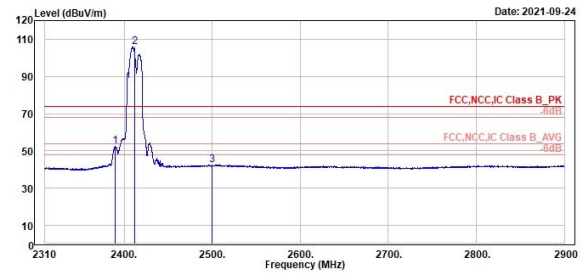
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.98	47.07	9.51	37.56	54.00	-6.93	132	5 Average	Horizontal	
2 *	2412.00	102.60	64.88	37.72	54.00	48.60	132	5 Average	Horizontal	
3	2499.99	42.45	4.20	38.25	54.00	-11.55	132	5 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	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.74	52.36	14.00	37.56	54.00	-1.64	399	0 Average	Vertical	
2 *	2412.00	105.88	68.16	37.72	54.00	51.88	393	0 Average	Vertical	
3	2499.76	42.57	4.32	38.25	54.00	-11.43	393	0 Average	Vertical	

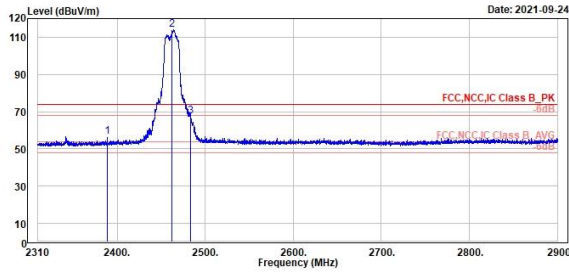
802.11g

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



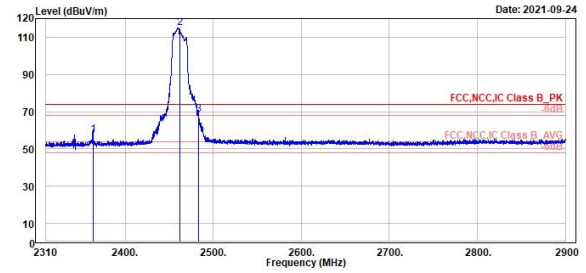
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	2388.57	56.51	18.96	37.55	74.00	-17.49	170	300	Peak	Horizontal	
2 *	2462.00	113.93	75.87	38.06	74.00	39.93	170	300	Peak	Horizontal	
3	2483.50	67.44	29.28	38.16	74.00	-6.56	170	300	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



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	2363.50	57.28	19.91	37.37	74.00	-16.72	334	348	Peak	Vertical	
2 *	2462.00	115.01	76.95	38.06	74.00	41.01	334	348	Peak	Vertical	
3 !	2483.50	68.52	30.36	38.16	74.00	-5.48	334	348	Peak	Vertical	

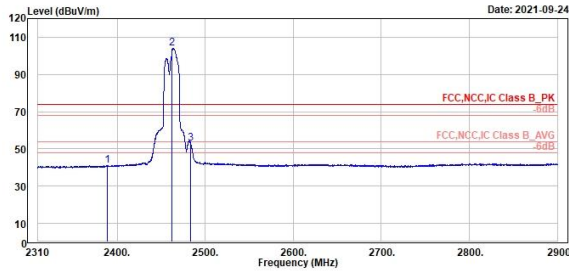
802.11g

High Channel (Horizontal) Average

High Channel (Vertical) Average



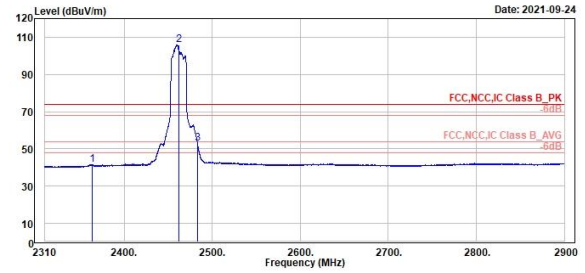
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2388.57	40.92	3.37	37.55	54.00	-13.08	170	300 Average	Horizontal	
2 *	2462.00	103.08	65.82	38.06	54.00	49.88	170	300 Average	Horizontal	
3 !	2483.50	52.84	14.68	38.16	54.00	-1.16	170	300 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	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2363.50	41.62	4.25	37.37	54.00	-12.38	334	348 Average	Vertical	
2 *	2462.00	105.88	67.82	38.06	54.00	51.88	334	348 Average	Vertical	
3 !	2483.50	52.98	14.82	38.16	54.00	-1.02	334	348 Average	Vertical	

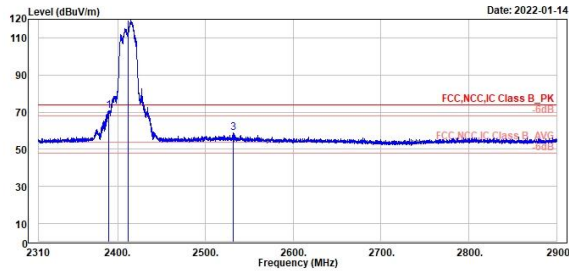
802.11ax20

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



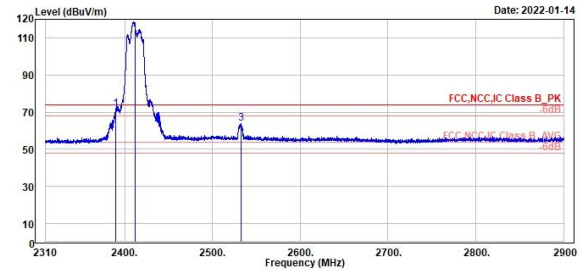
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2390.00	70.00	33.22	37.58	74.00	-3.20	188	318	Peak	Horizontal	
2	2412.00	119.61	81.96	37.65	74.00	45.61	188	318	Peak	Horizontal	
3	2531.84	58.69	20.80	37.89	74.00	-15.31	188	318	Peak	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



Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2389.65	71.80	34.22	37.58	74.00	-2.20	127	27	Peak	Vertical	
2	2412.00	118.49	80.64	37.65	74.00	44.49	127	27	Peak	Vertical	
3	2532.31	63.85	25.96	37.89	74.00	-10.15	127	27	Peak	Vertical	

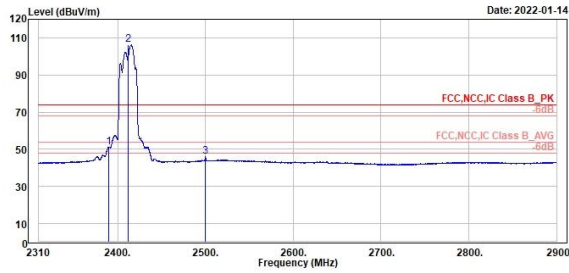
802.11ax20

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



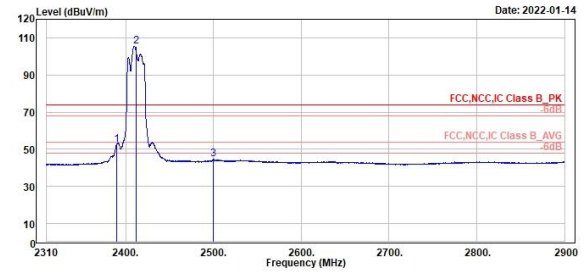
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.00	51.15	13.57	37.58	54.00	-2.85	188	318	Average Horizontal
2	2412.00	106.17	66.52	37.65	54.00	52.17	188	318	Average Horizontal
3	2499.98	45.93	8.08	37.85	54.00	-8.07	188	318	Average Horizontal



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	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.00	52.64	15.06	37.58	54.00	-1.36	127	27	Average Vertical
2	2412.00	105.43	67.78	37.65	54.00	51.43	127	27	Average Vertical
3	2499.86	44.75	6.90	37.85	54.00	-9.25	127	27	Average Vertical

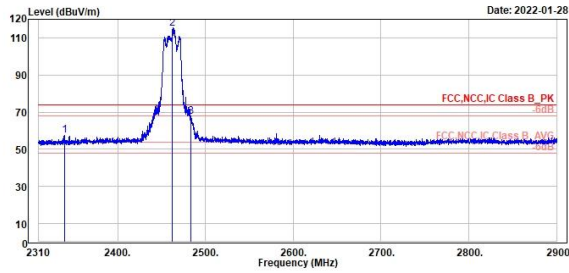
802.11ax20

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



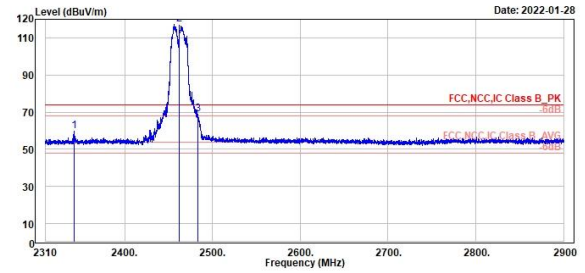
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2339.38	57.63	20.29	37.34	74.00	-16.37	142	320 Peak	Horizontal	
2462.00	115.21	77.48	37.73	74.00	41.21	142	320 Peak	Horizontal	
2483.58	67.42	29.62	37.80	74.00	-6.58	142	320 Peak	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



1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2342.21	59.68	22.34	37.34	74.00	-14.32	304	344 Peak	Vertical	
2462.00	117.28	79.55	37.73	74.00	43.28	304	344 Peak	Vertical	
2483.81	68.76	30.96	37.80	74.00	-5.24	304	344 Peak	Vertical	

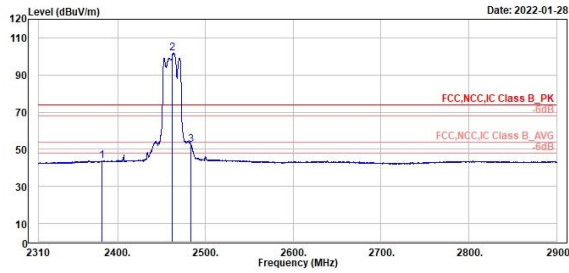
802.11ax20

High Channel (Horizontal) Average

High Channel (Vertical) Average



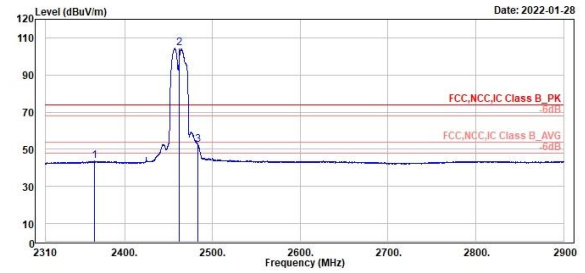
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2381.86	43.99	6.36	37.54	54.00	-10.10	142	320 Average	Horizontal
2 *	2462.00	101.84	64.11	37.73	54.00	47.84	142	320 Average	Horizontal
3 !	2483.46	52.32	14.52	37.80	54.00	-1.68	142	320 Average	Horizontal



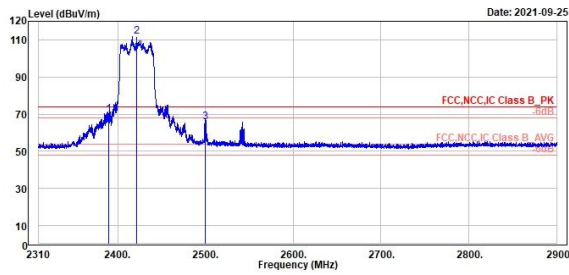
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2365.93	43.65	6.20	37.45	54.00	-10.35	304	344 Average	Vertical
2 *	2462.00	104.37	66.64	37.73	54.00	50.37	304	344 Average	Vertical
3 !	2483.58	52.61	14.81	37.80	54.00	-1.39	304	344 Average	Vertical

802.11ax40
Low Channel (Horizontal) Peak
Low Channel (Vertical) Peak

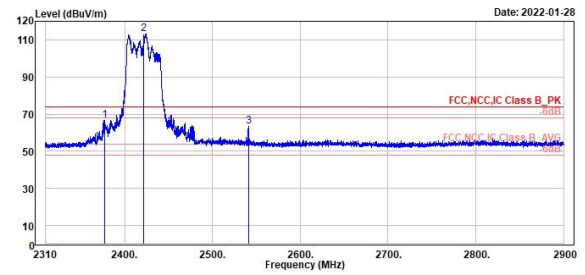

TUV Rheinland Taiwan Ltd.
 No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



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	2389.09	70.00	32.44	37.56	74.00	-4.00	224	324	Peak	Horizontal	
2 *	2422.00	111.78	75.99	37.79	74.00	37.78	224	324	Peak	Horizontal	
3	2500.10	65.65	27.40	38.25	74.00	-8.35	224	324	Peak	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



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	2376.91	66.70	29.19	37.51	74.00	-7.30	328	348	Peak	Vertical	
2 *	2422.00	113.19	75.53	37.66	74.00	39.19	328	348	Peak	Vertical	
3	2541.16	63.39	25.49	37.90	74.00	-10.61	328	348	Peak	Vertical	

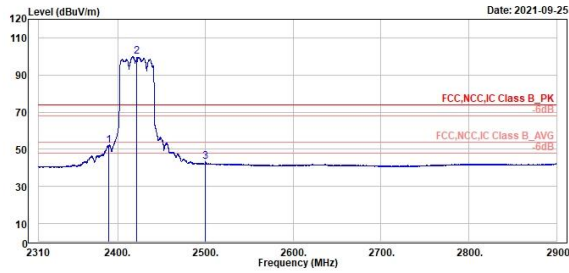
802.11ax40

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



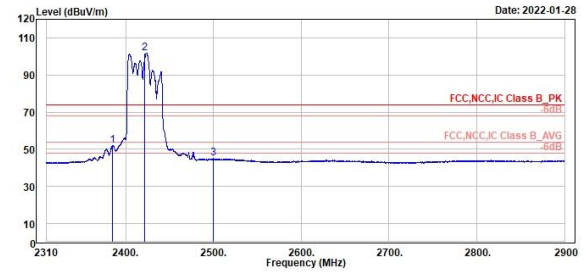
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 2389.89	52.12	14.56	37.56	54.00	-1.88	224	324 Average	Horizontal	
2 * 2422.00	99.88	62.09	37.79	54.00	45.88	224	324 Average	Horizontal	
3 2500.10	43.37	5.12	38.25	54.00	-10.63	224	324 Average	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	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 2384.81	52.03	14.48	37.55	54.00	-1.97	329	350 Average	Vertical	
2 * 2422.00	101.79	64.13	37.66	54.00	47.79	329	350 Average	Vertical	
3 2500.22	45.06	7.21	37.85	54.00	-8.94	329	350 Average	Vertical	

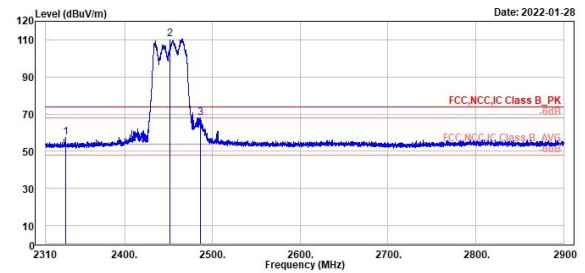
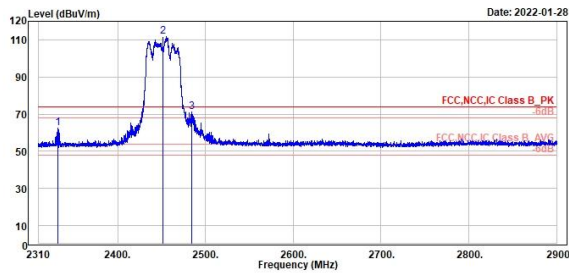
802.11ax40

High Channel (Horizontal) Peak

High Channel (Vertical) Peak

TÜVRheinland
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

TÜVRheinland
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



Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2332.42	62.41	25.10	37.31	74.00	-11.59	195	317	Peak	Horizontal	
2 *	2452.00	111.77	74.00	37.69	74.00	37.77	195	317	Peak	Horizontal	
3 !	2484.52	71.14	33.34	37.80	74.00	-2.86	195	317	Peak	Horizontal	

Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2333.25	57.27	19.95	37.32	74.00	-16.73	296	352	Peak	Vertical	
2 *	2452.00	110.54	72.65	37.69	74.00	36.54	296	352	Peak	Vertical	
3 !	2485.94	68.05	30.25	37.80	74.00	-5.95	296	352	Peak	Vertical	

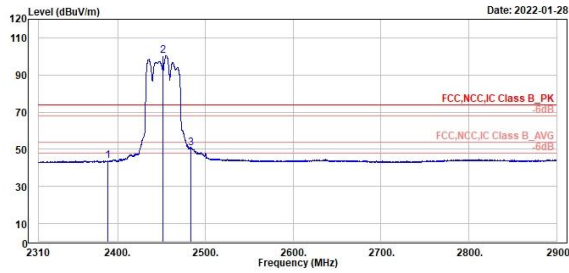
802.11ax40

High Channel (Horizontal) Average

High Channel (Vertical) Average



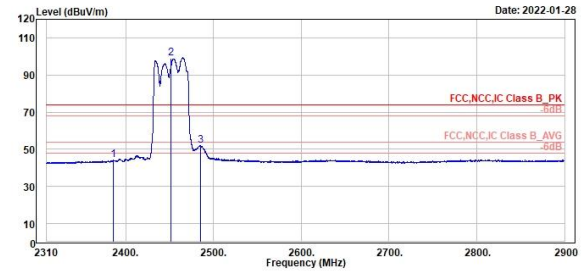
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2388.59	43.71	6.14	37.57	54.00	-10.29	195	317	Average	Horizontal	
2 *	2452.00	100.47	62.78	37.69	54.00	46.47	195	317	Average	Horizontal	
3 !	2483.46	50.80	13.00	37.80	54.00	-3.20	195	317	Average	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	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2386.35	44.13	6.56	37.57	54.00	-9.87	296	352	Average	Vertical	
2 *	2452.00	99.22	61.53	37.69	54.00	45.22	296	352	Average	Vertical	
3 !	2485.23	52.13	14.33	37.80	54.00	-1.87	296	352	Average	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

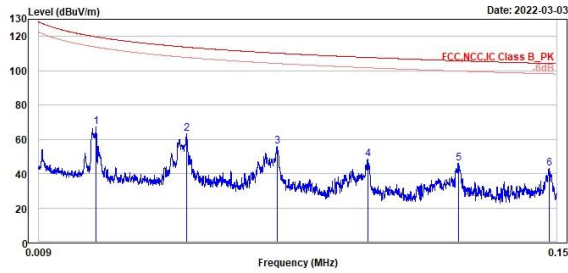
802.11ax HE20

Middle Channel 9kHz~150kHz(Open)

Middle Channel 150kHz~30MHz(Open)



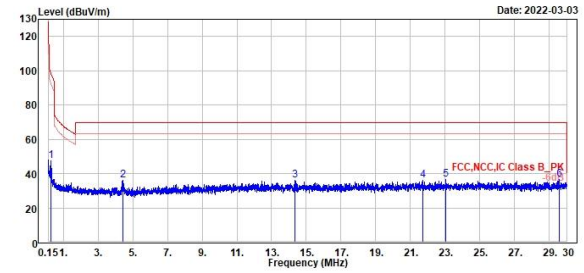
TUV Rheinland Taiwan Ltd.
 No. 458-18, Sec 2, FenYao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.02	67.45	48.39	19.06	119.76	-52.31	100	259 QP	Open
2	0.05	63.07	43.71	19.36	113.74	-50.67	100	259 QP	Open
3	0.07	56.06	37.24	18.82	110.22	-54.16	100	263 QP	Open
4	0.10	48.21	29.92	18.29	107.72	-59.51	100	247 QP	Open
5	0.12	46.13	27.79	18.34	105.77	-59.64	100	226 QP	Open
6	0.15	43.17	24.74	18.43	104.19	-61.02	100	226 QP	Open



TUV Rheinland Taiwan Ltd.
 No. 458-18, Sec 2, FenYao, 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	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.29	47.53	28.59	18.94	98.34	-50.81	100	254 QP	Open
2	4.41	36.14	16.74	19.40	69.50	-33.36	100	199 QP	Open
3	14.36	35.98	14.31	21.67	69.50	-33.52	100	353 QP	Open
4	21.72	36.01	13.90	22.11	69.50	-33.49	100	271 QP	Open
5	23.03	36.35	14.19	22.16	69.50	-33.15	100	26 QP	Open
6	29.55	36.48	14.07	22.41	69.50	-33.02	100	64 QP	Open

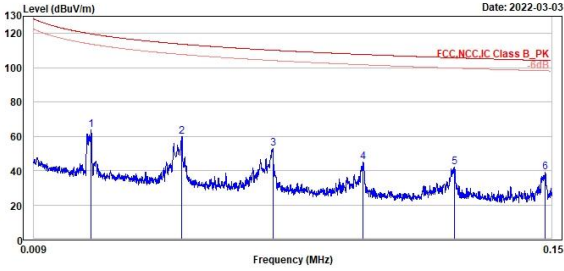
802.11ax HE20

Middle Channel 9kHz~150kHz (Close)

Middle Channel 150kHz~30MHz (Close)



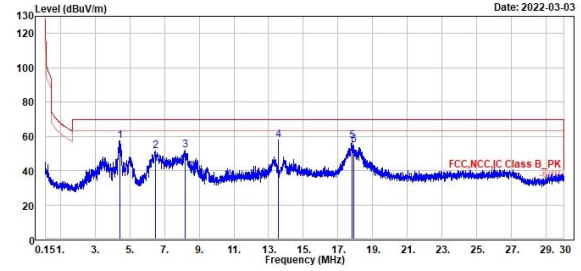
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.02	63.96	44.91	19.05	119.77	-55.81	100	206 QP	Close
2	0.05	59.70	40.34	19.36	113.72	-54.02	100	210 QP	Close
3	0.07	52.86	34.04	18.82	110.20	-57.34	100	203 QP	Close
4	0.10	44.75	26.46	18.29	107.71	-62.96	100	196 QP	Close
5	0.12	42.15	23.81	18.34	105.76	-63.61	100	210 QP	Close
6	0.15	38.81	20.30	18.43	104.18	-65.37	100	200 QP	Close



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	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4.41	57.46	38.06	19.40	69.50	-12.04	100	294 QP	Close
2	6.46	51.62	31.67	19.95	69.50	-17.88	100	278 QP	Close
3	8.17	52.12	31.48	20.64	69.50	-17.38	100	319 QP	Close
4	13.56	57.78	36.16	21.62	69.50	-11.72	100	255 QP	Close
5	17.80	57.33	35.42	21.91	69.50	-12.17	100	353 QP	Close
6	17.89	54.91	33.00	21.91	69.50	-14.59	100	353 QP	Close

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

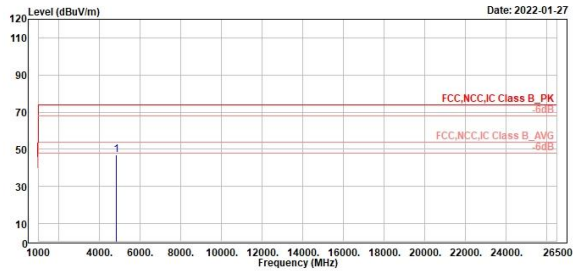
802.11b

Low Channel (Horizontal)

Low Channel (Vertical)



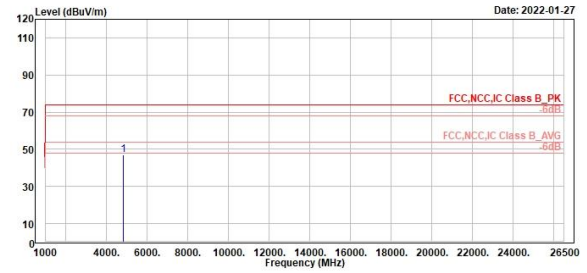
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	47.14	56.95	-9.81	74.00	-26.86	100	302 Peak	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	46.78	56.59	-9.81	74.00	-27.22	100	224 Peak	Vertical	

802.11b

Middle Channel (Horizontal)

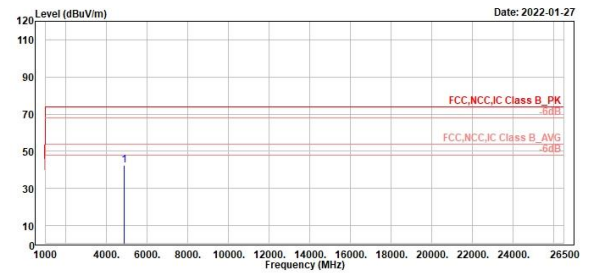
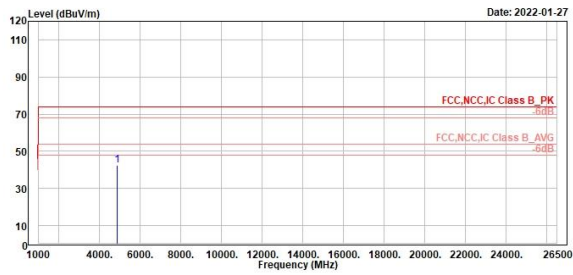
Middle Channel (Vertical)



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



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	4874.00	42.40	52.17	-9.77	74.00	-31.60	164	360 Peak	Horizontal	

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	42.36	52.13	-9.77	74.00	-31.64	100	194 Peak	Vertical	

802.11b

High Channel (Horizontal)

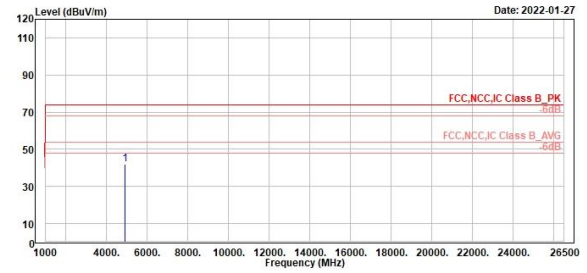
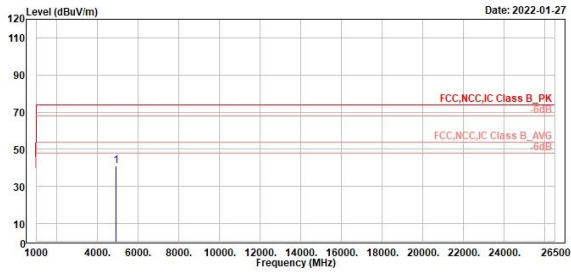
High Channel (Vertical)



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



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



Item	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	41.01	50.69	-9.68	74.00	-32.99	100	352	Peak	Horizontal	

Item	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	42.06	51.74	-9.68	74.00	-31.94	200	267	Peak	Vertical	

802.11g

Low Channel (Horizontal)

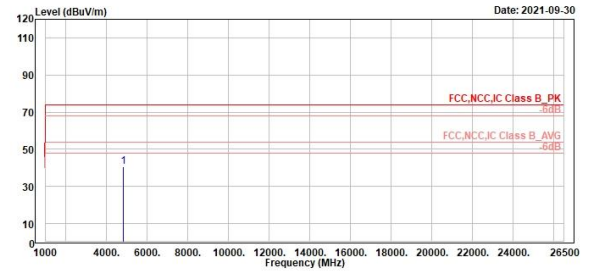
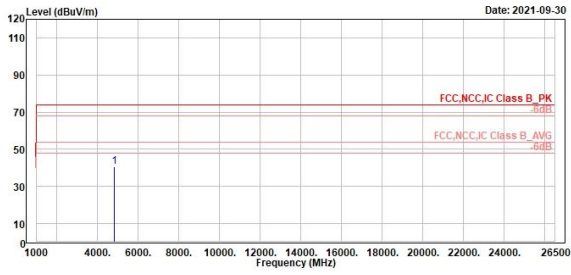
Low Channel (Vertical)



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



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	4824.00	40.59	50.35	-9.76	74.00	-33.41	100	283 Peak	Horizontal	

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	40.67	50.43	-9.76	74.00	-33.33	200	36 Peak	Vertical	

802.11g

Middle Channel (Horizontal)

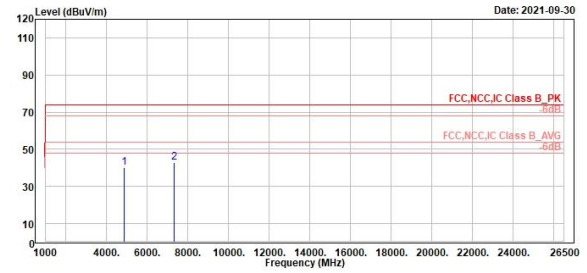
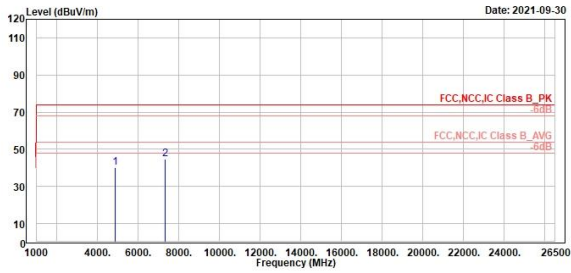
Middle Channel (Vertical)



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



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	40.06	49.73	-9.67	74.00	-33.94	115	369 Peak	Horizontal	
2	7311.00	44.71	51.96	-7.25	74.00	-29.29	200	192 Peak	Horizontal	

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	40.27	49.94	-9.67	74.00	-33.73	161	369 Peak	Vertical	
2	7311.00	43.09	50.34	-7.25	74.00	-30.91	200	50 Peak	Vertical	

802.11g

High Channel (Horizontal)

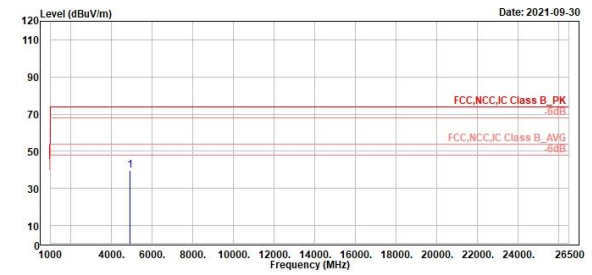
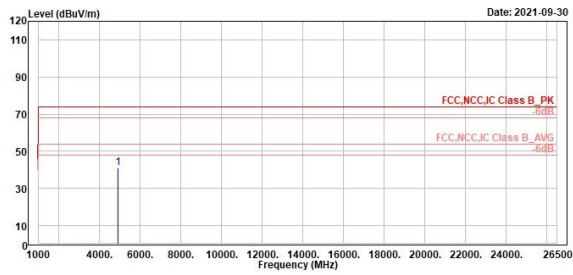
High Channel (Vertical)



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



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	4924.00	40.88	50.41	-9.53	74.00	-33.12	100	287 Peak	Horizontal	

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	39.53	49.06	-9.53	74.00	-34.47	100	87 Peak	Vertical	

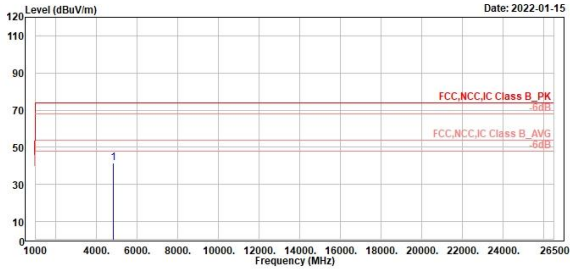
802.11ax20

Low Channel (Horizontal)

Low Channel (Vertical)



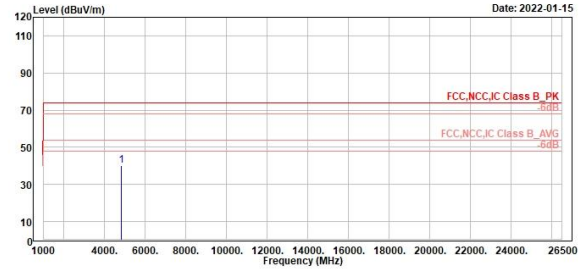
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	4824.00	41.52	51.33	-9.81	74.00	-32.48	200	33 Peak	Horizontal	



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	4824.00	40.23	50.04	-9.81	74.00	-33.77	200	360 Peak	Vertical	

802.11ax20

Middle Channel (Horizontal)

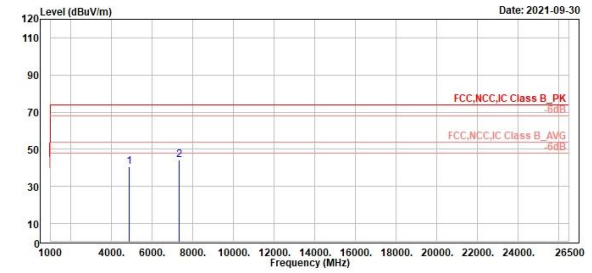
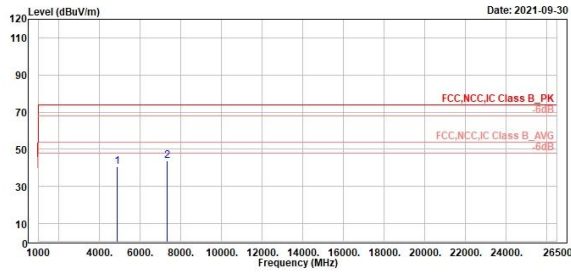
Middle Channel (Vertical)



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



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	40.01	50.48	-9.67	74.00	-33.19	200	357 Peak	Horizontal	
2	7311.00	43.63	50.68	-7.25	74.00	-30.37	180	360 Peak	Horizontal	

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	40.68	50.35	-9.67	74.00	-33.32	400	40 Peak	Vertical	
2	7311.00	44.03	51.28	-7.25	74.00	-29.97	400	45 Peak	Vertical	

802.11ax20

High Channel (Horizontal)

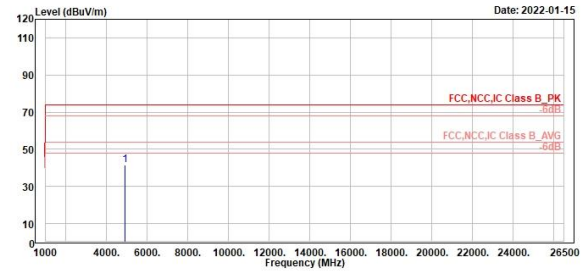
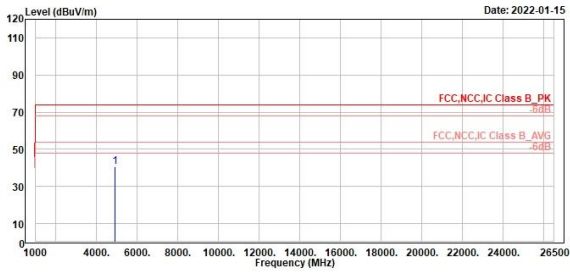
High Channel (Vertical)



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



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	4924.00	40.63	50.31	-9.68	74.00	-33.37	400	12 Peak	Horizontal	

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	41.48	51.16	-9.68	74.00	-32.52	246	173 Peak	Vertical	

802.11ax40

Low Channel (Horizontal)

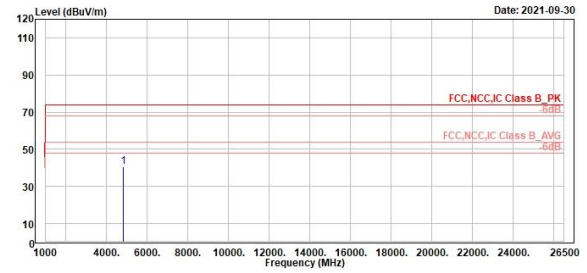
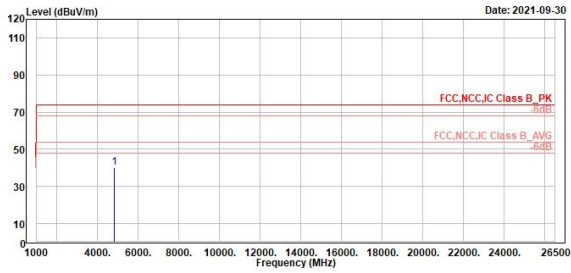
Low Channel (Vertical)



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



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	4844.00	40.25	50.00	-9.75	74.00	-33.75	400	207 Peak	Horizontal	

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	4844.00	40.83	50.58	-9.75	74.00	-33.17	400	302 Peak	Vertical	

802.11ax40

Middle Channel (Horizontal)

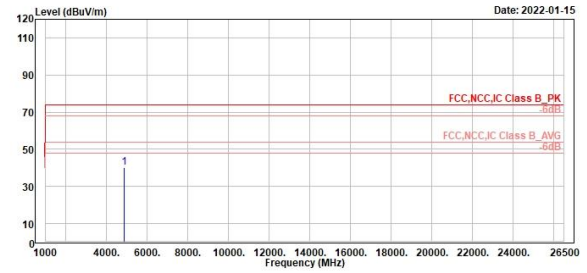
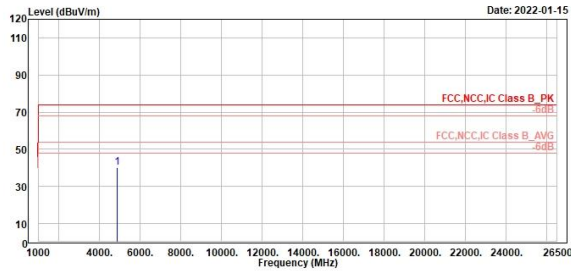
Middle Channel (Vertical)



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



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	4874.00	40.34	50.11	-9.77	74.00	-33.66	345	360 Peak	Horizontal	

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	40.22	49.99	-9.77	74.00	-33.78	300	348 Peak	Vertical	

802.11ax40

High Channel (Horizontal)

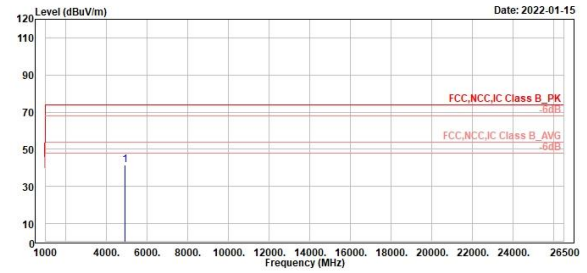
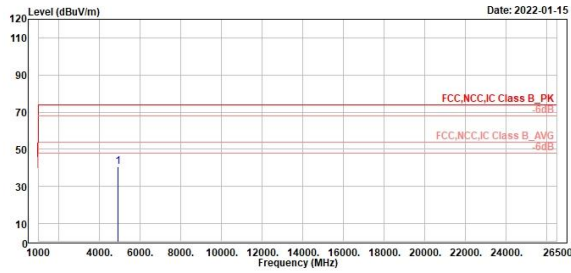
High Channel (Vertical)



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



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	4984.00	40.71	50.49	-9.78	74.00	-33.29	200	205 Peak	Horizontal	

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	4984.00	41.44	51.22	-9.78	74.00	-32.56	100	350 Peak	Vertical	

Mains Conducted Emission, Tx Mode(Adapter), 150kHz ~ 30MHz

