

Appendix D: Test Results of Radiated Spurious Emissions

<Beamforming>

Band Edges, 2.31GHz ~ 2.9GHz

802.11ax HE20																																																																																																	
Low Channel (Horizontal) Peak	Low Channel (Vertical) Peak																																																																																																
<p>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</p> <p>Date: 2023-02-14</p> <table border="1"> <thead> <tr> <th>Peak #</th> <th>Freq (MHz)</th> <th>Level (dBuV/m)</th> <th>Read Level (dBuV)</th> <th>Factor (dB/m)</th> <th>Limit (dBuV/m)</th> <th>Over Limit (dB)</th> <th>APos (cm)</th> <th>TPos (deg)</th> <th>Remark</th> <th>Pol/Phase</th> <th>Note</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.82</td> <td>64.36</td> <td>26.78</td> <td>37.58</td> <td>74.00</td> <td>-9.64</td> <td>100</td> <td>162</td> <td>Peak</td> <td>Horizontal</td> <td></td> </tr> <tr> <td>2 *</td> <td>2412.00</td> <td>118.95</td> <td>81.30</td> <td>37.65</td> <td>74.00</td> <td>44.95</td> <td>100</td> <td>162</td> <td>Peak</td> <td>Horizontal</td> <td></td> </tr> <tr> <td>3</td> <td>2486.41</td> <td>56.08</td> <td>18.28</td> <td>37.80</td> <td>74.00</td> <td>-17.92</td> <td>100</td> <td>162</td> <td>Peak</td> <td>Horizontal</td> <td></td> </tr> </tbody> </table>	Peak #	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note	1	2389.82	64.36	26.78	37.58	74.00	-9.64	100	162	Peak	Horizontal		2 *	2412.00	118.95	81.30	37.65	74.00	44.95	100	162	Peak	Horizontal		3	2486.41	56.08	18.28	37.80	74.00	-17.92	100	162	Peak	Horizontal		<p>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</p> <p>Date: 2023-02-14</p> <table border="1"> <thead> <tr> <th>Peak #</th> <th>Freq (MHz)</th> <th>Level (dBuV/m)</th> <th>Read Level (dBuV)</th> <th>Factor (dB/m)</th> <th>Limit (dBuV/m)</th> <th>Over Limit (dB)</th> <th>APos (cm)</th> <th>TPos (deg)</th> <th>Remark</th> <th>Pol/Phase</th> <th>Note</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.77</td> <td>67.60</td> <td>30.02</td> <td>37.58</td> <td>74.00</td> <td>-6.40</td> <td>100</td> <td>50</td> <td>Peak</td> <td>Vertical</td> <td></td> </tr> <tr> <td>2 *</td> <td>2412.00</td> <td>119.83</td> <td>82.18</td> <td>37.65</td> <td>74.00</td> <td>45.83</td> <td>100</td> <td>50</td> <td>Peak</td> <td>Vertical</td> <td></td> </tr> <tr> <td>3</td> <td>2517.09</td> <td>55.85</td> <td>17.98</td> <td>37.87</td> <td>74.00</td> <td>-18.15</td> <td>100</td> <td>50</td> <td>Peak</td> <td>Vertical</td> <td></td> </tr> </tbody> </table>	Peak #	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note	1	2389.77	67.60	30.02	37.58	74.00	-6.40	100	50	Peak	Vertical		2 *	2412.00	119.83	82.18	37.65	74.00	45.83	100	50	Peak	Vertical		3	2517.09	55.85	17.98	37.87	74.00	-18.15	100	50	Peak	Vertical	
Peak #	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note																																																																																						
1	2389.82	64.36	26.78	37.58	74.00	-9.64	100	162	Peak	Horizontal																																																																																							
2 *	2412.00	118.95	81.30	37.65	74.00	44.95	100	162	Peak	Horizontal																																																																																							
3	2486.41	56.08	18.28	37.80	74.00	-17.92	100	162	Peak	Horizontal																																																																																							
Peak #	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note																																																																																						
1	2389.77	67.60	30.02	37.58	74.00	-6.40	100	50	Peak	Vertical																																																																																							
2 *	2412.00	119.83	82.18	37.65	74.00	45.83	100	50	Peak	Vertical																																																																																							
3	2517.09	55.85	17.98	37.87	74.00	-18.15	100	50	Peak	Vertical																																																																																							

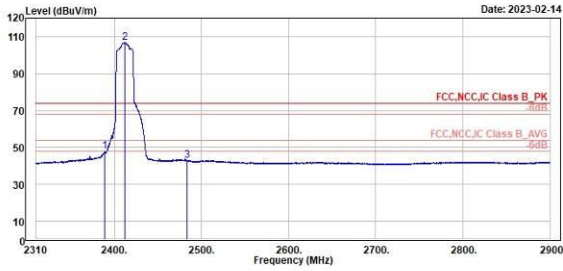
802.11ax HE20

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



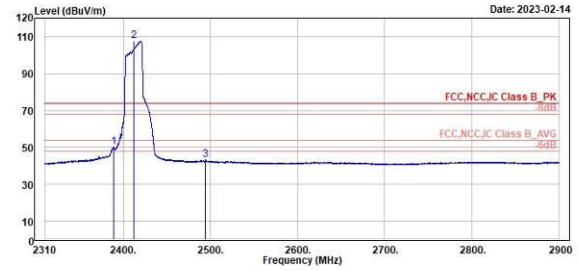
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



1	2	3
2388.94	2412.00	2483.81
47.89	106.84	43.03
10.31	69.19	5.23
37.58	37.65	37.80
54.00	54.00	54.00
-6.11	52.84	-10.97
100	100	100
162	162	162
Average	Average	Average
Horizontal	Horizontal	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



1	2	3
2388.94	2412.00	2494.20
50.16	107.59	43.12
12.58	69.94	5.29
37.58	37.65	37.83
54.00	54.00	54.00
-3.84	53.59	-10.68
100	100	100
50	50	50
Average	Average	Average
Vertical	Vertical	Vertical

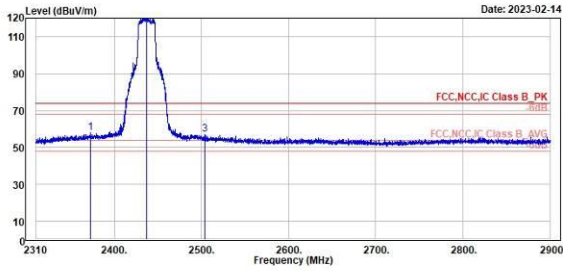
802.11ax HE20

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



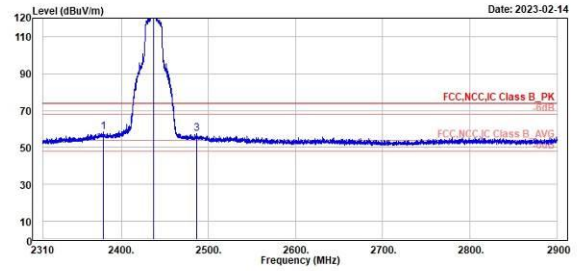
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Level	Line	Limit							
Factor									
Freq	Level	Level	Line	Limit	APos	TPos	Remark		
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2372.19	57.93	20.44	37.49	74.00	-16.07	128	174 Peak	Horizontal
2 *	2457.00	121.03	83.35	37.68	74.00	47.03	128	174 Peak	Horizontal
3	2503.99	57.17	19.32	37.85	74.00	-16.83	128	174 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



Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Level	Line	Limit							
Factor									
Freq	Level	Level	Line	Limit	APos	TPos	Remark		
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2379.38	58.33	20.80	37.53	74.00	-15.67	100	35 Peak	Vertical
2 *	2457.00	122.81	85.13	37.68	74.00	48.81	100	35 Peak	Vertical
3	2486.06	57.52	19.72	37.80	74.00	-16.48	100	35 Peak	Vertical

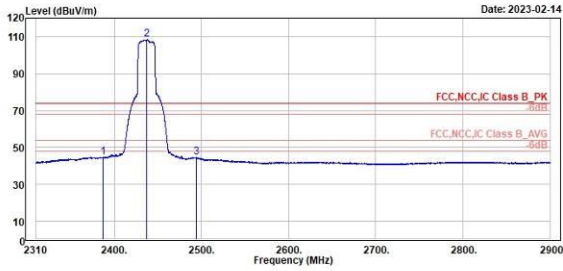
802.11ax HE 20

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



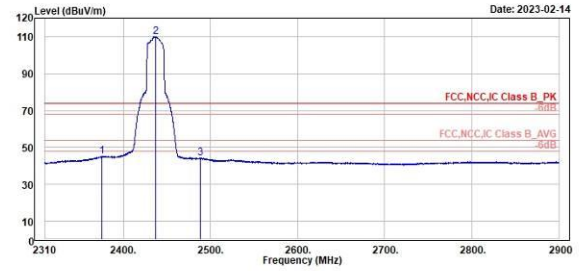
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



1	2	3
2387.05	2457.00	2494.08
44.63	108.63	44.55
7.06	70.95	6.72
37.57	37.68	37.83
54.00	54.00	54.00
-9.37	54.63	-9.45
128	128	128
174	174	174
Average	Average	Average
Horizontal	Horizontal	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



1	2	3
2375.14	2457.00	2487.94
45.27	118.18	44.24
7.77	72.50	6.42
37.50	37.68	37.82
54.00	54.00	54.00
-8.73	56.18	-9.76
100	100	100
35	35	35
Average	Average	Average
Vertical	Vertical	Vertical

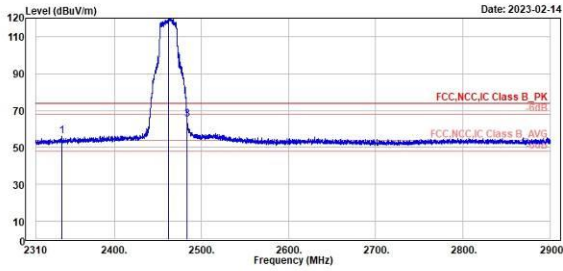
802.11ax HE20

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



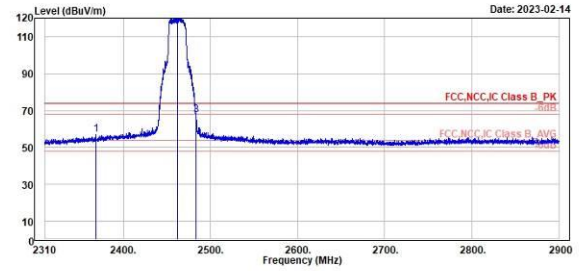
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Peak	Freq	Level	Read Level	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2339.26	56.95	18.71	37.34	74.00	-17.95	120	172	Peak	Horizontal	
2 *	2462.00	120.33	82.60	37.73	74.00	46.33	120	172	Peak	Horizontal	
3	2483.58	65.47	27.67	37.80	74.00	-8.53	120	172	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	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2368.53	57.16	19.79	37.46	74.00	-16.84	100	22	Peak	Vertical	
2 *	2462.00	120.82	83.09	37.73	74.00	46.82	100	22	Peak	Vertical	
3	2483.46	67.39	29.59	37.80	74.00	-6.61	100	22	Peak	Vertical	

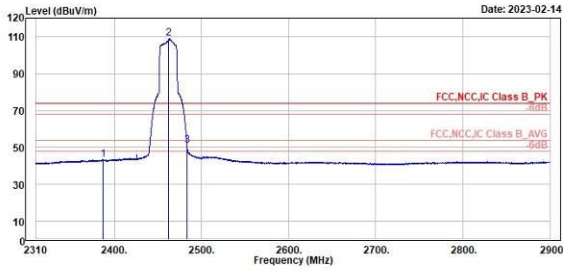
802.11ax HE20

High Channel (Horizontal) Average

High Channel (Vertical) Average



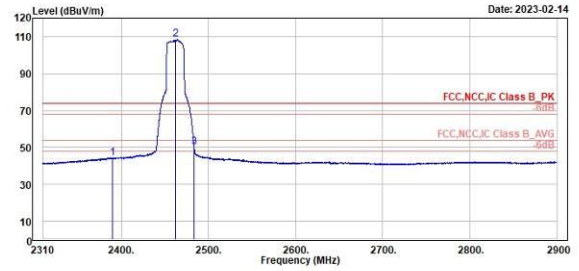
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	2386.94	43.28	5.71	37.57	54.00	-10.72	120	172 Average	Horizontal
2 *	2462.00	108.88	71.15	37.73	54.00	54.88	120	172 Average	Horizontal
3 †	2483.46	51.30	13.50	37.80	54.00	-2.70	120	172 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	2389.89	44.29	6.71	37.58	54.00	-9.71	100	22 Average	Vertical
2 *	2462.00	108.38	70.65	37.73	54.00	54.38	100	22 Average	Vertical
3 †	2483.46	50.36	12.56	37.80	54.00	-3.64	100	22 Average	Vertical

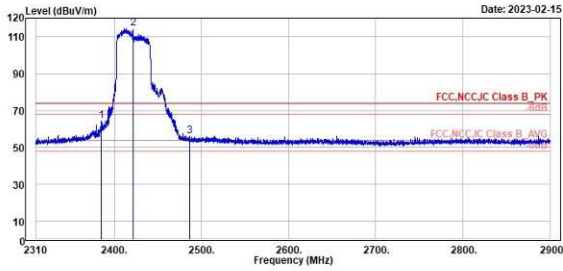
802.11ax HE40

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



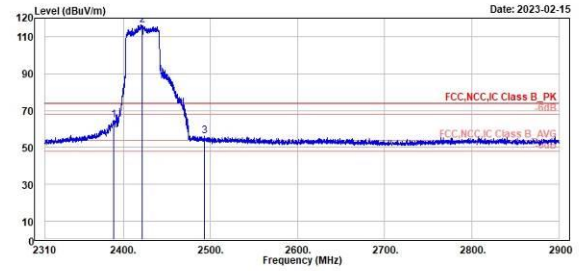
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



1	2	3
2385.28	2422.00	2486.53
64.31	114.40	56.02
26.76	76.74	18.22
37.55	37.65	37.80
74.00	74.00	74.00
-9.69	40.40	-17.98
100	100	100
164 Peak	164 Peak	164 Peak
Horizontal	Horizontal	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



1	2	3
2388.94	2422.00	2493.25
64.84	116.34	56.33
27.26	78.68	18.50
37.58	37.65	37.83
74.00	74.00	74.00
-9.16	42.34	-17.67
100	100	100
32 Peak	32 Peak	32 Peak
VERTICAL	VERTICAL	VERTICAL

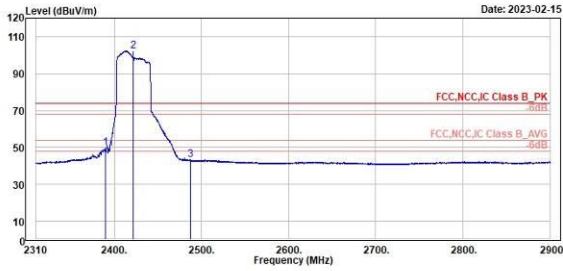
802.11ax HE40

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



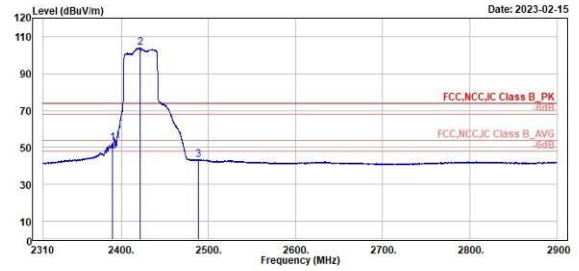
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dBuV	dB/m	dBuV/m	dB	cm	deg		
1 2389.89	49.68	12.19	37.58	54.00	-4.32	100	164 Average Horizontal
2 * 2422.00	102.17	64.51	37.65	54.00	48.17	100	164 Average Horizontal
3 2487.59	43.29	5.47	37.82	54.00	-10.71	100	164 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



Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dBuV	dB/m	dBuV/m	dB	cm	deg		
1 2389.65	52.40	14.82	37.58	54.00	-1.60	100	32 Average VERTICAL
2 * 2422.00	104.21	66.55	37.65	54.00	50.21	100	32 Average VERTICAL
3 2488.65	43.57	5.75	37.82	54.00	-10.43	100	32 Average VERTICAL

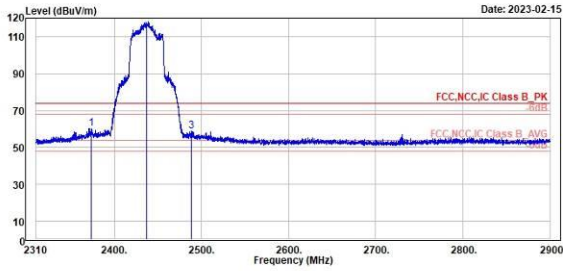
802.11ax HE40

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



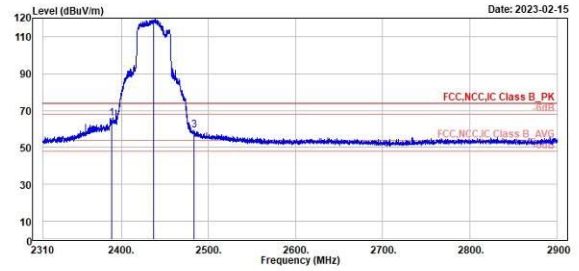
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2373.48	60.33	22.84	37.49	74.00	-13.67	117	22	Peak	Horizontal	
2 *	2457.00	118.08	80.40	37.68	74.00	44.08	117	22	Peak	Horizontal	
3	2488.42	58.79	20.97	37.82	74.00	-15.21	117	22	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



Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2388.71	65.83	28.26	37.57	74.00	-8.17	129	26	Peak	Vertical	
2 *	2457.00	119.45	81.77	37.68	74.00	45.45	129	26	Peak	Vertical	
3	2483.58	59.42	21.62	37.80	74.00	-14.58	129	26	Peak	Vertical	

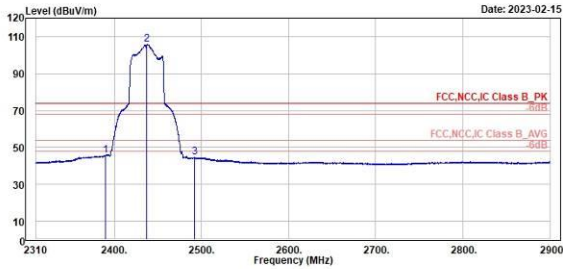
802.11ax HE40

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



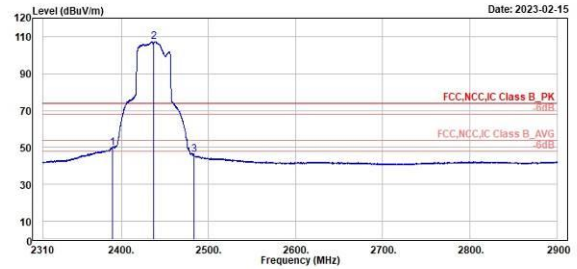
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	2390.00	45.64	8.06	37.58	54.00	-8.36	117	22 Average	Horizontal
2 *	2437.00	105.74	68.06	37.68	54.00	51.74	117	22 Average	Horizontal
3	2491.96	44.57	6.75	37.82	54.00	-9.43	117	22 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	2390.00	49.75	12.17	37.58	54.00	-4.25	129	26 Average	Vertical
2 *	2437.00	107.37	69.69	37.68	54.00	53.37	129	26 Average	Vertical
3	2483.46	46.07	8.27	37.80	54.00	-7.93	129	26 Average	Vertical

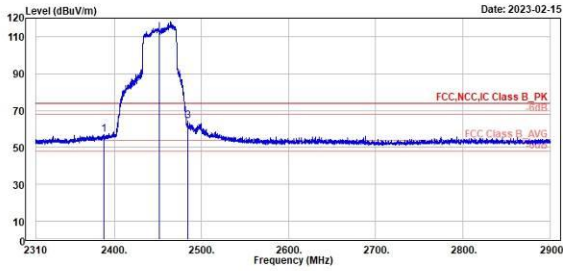
802.11ax HE40

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



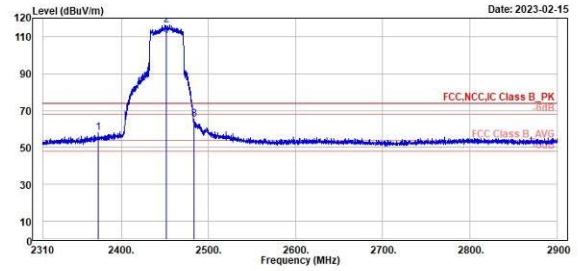
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Peak No.	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2388.35	56.87	19.39	37.57	74.00	-17.13	100	171	Peak	Horizontal	
2 *	2452.00	118.02	80.33	37.69	74.00	44.02	100	171	Peak	Horizontal	
3	2484.40	64.51	26.71	37.80	74.00	-9.49	100	171	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



Peak No.	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2373.60	57.85	20.36	37.49	74.00	-16.15	100	151	Peak	Vertical	
2 *	2452.00	116.22	78.53	37.69	74.00	42.22	100	151	Peak	Vertical	
3	2483.58	65.37	27.57	37.80	74.00	-8.63	100	151	Peak	Vertical	

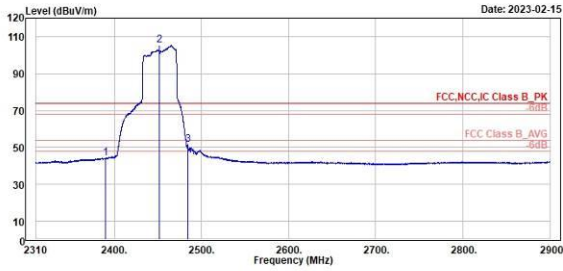
802.11ax HE40

High Channel (Horizontal) Average

High Channel (Vertical) Average



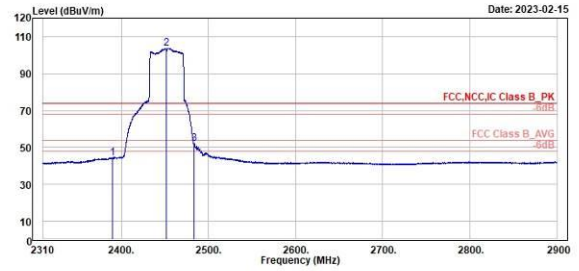
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



1	2	3
2389.65	2452.00	2484.17
44.27	105.18	51.53
6.69	37.69	13.73
37.58	37.69	37.80
54.00	54.00	54.00
-9.73	51.18	-2.47
100	100	100
171	171	171
Average	Average	Average
Horizontal	Horizontal	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



1	2	3
2389.77	2452.00	2483.81
44.15	103.76	51.85
6.57	66.07	14.05
37.58	37.69	37.80
54.00	54.00	54.00
-9.85	49.76	-2.15
100	100	100
151	151	151
Average	Average	Average
Vertical	Vertical	Vertical

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

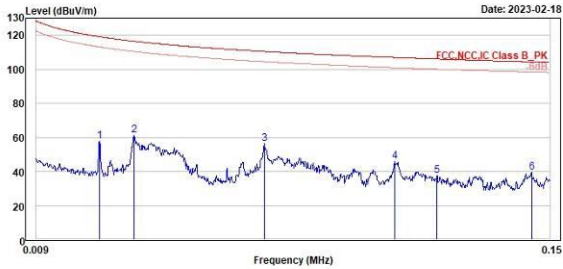
802.11ax HE40

High Channel(Open) 9kHz~150kHz

High Channel(Open) 150kHz~30MHz



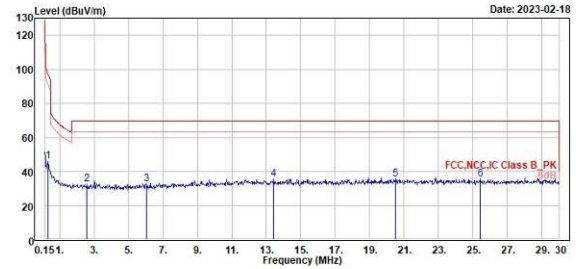
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Peak	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.03	58.03	39.08	18.95	119.13	-61.10	100	327	QP	Open
2	0.04	61.30	42.12	19.18	116.48	-55.18	100	241	QP	Open
3	0.07	56.43	37.84	18.59	110.50	-54.07	100	268	QP	Open
4	0.11	45.91	27.96	17.95	106.98	-61.07	100	244	QP	Open
5	0.12	37.54	19.54	18.00	106.09	-68.55	100	74	QP	Open
6	0.14	39.45	21.35	18.10	104.58	-64.93	100	233	QP	Open



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



Peak	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.33	45.76	27.01	18.75	97.26	-51.50	100	257	QP	Open
2	2.60	32.42	12.90	19.52	69.50	-37.08	100	311	QP	Open
3	6.03	32.81	12.92	19.89	69.50	-36.69	100	271	QP	Open
4	13.43	35.44	13.60	21.84	69.50	-34.06	100	32	QP	Open
5	20.51	35.39	13.08	22.31	69.50	-34.11	100	322	QP	Open
6	25.40	35.37	12.99	22.38	69.50	-34.13	100	264	QP	Open

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

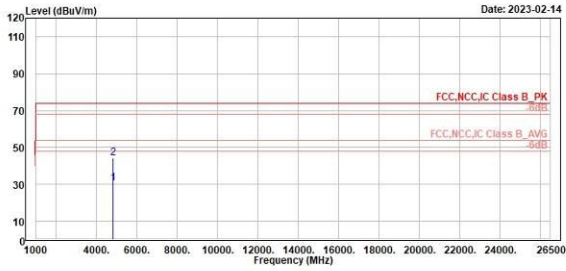
802.11ax HE20

Low Channel (Horizontal)

Low Channel (Vertical)



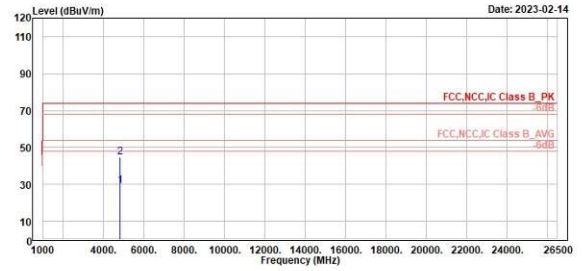
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Line	Freq	Level	Read Level	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	39.79	41.79	-10.91	54.00	-23.21	200	254	Average	Horizontal	
2	4824.00	44.27	55.18	-10.91	74.00	-29.73	200	254	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



Line	Freq	Level	Read Level	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	29.21	40.12	-10.91	54.00	-24.79	300	136	Average	Vertical	
2	4824.00	44.51	55.42	-10.91	74.00	-29.49	300	136	Peak	Vertical	

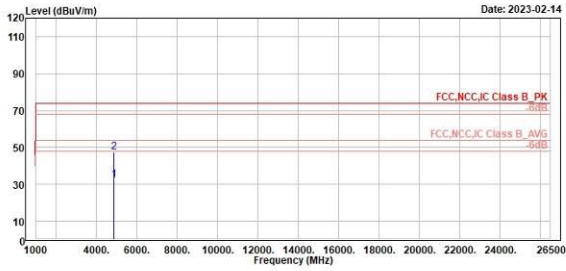
802.11ax HE20

Middle Channel (Horizontal)

Middle Channel (Vertical)



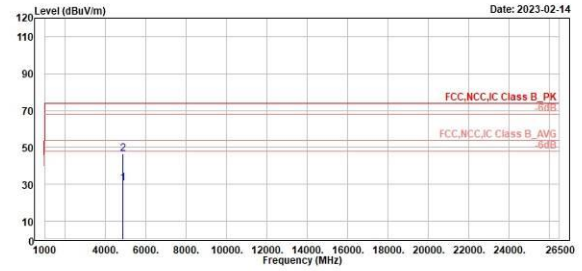
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Freq	Level	Read	Level	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
4874.00	47.29	58.22	-10.93	74.00	-26.71	300	190	Average	Horizontal										
4874.00	47.29	58.22	-10.93	74.00	-26.71	300	190	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



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Freq	Level	Read	Level	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
4874.00	46.42	57.35	-10.93	74.00	-27.58	200	360	Average	Vertical										
4874.00	46.42	57.35	-10.93	74.00	-27.58	200	360	Peak	Vertical										

802.11ax HE20

High Channel (Horizontal)

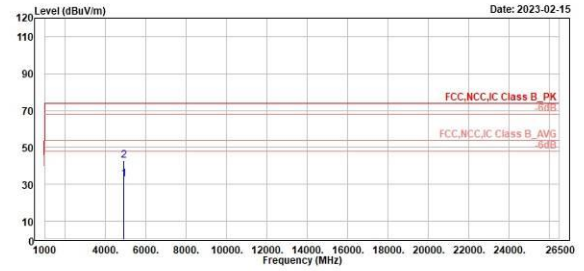
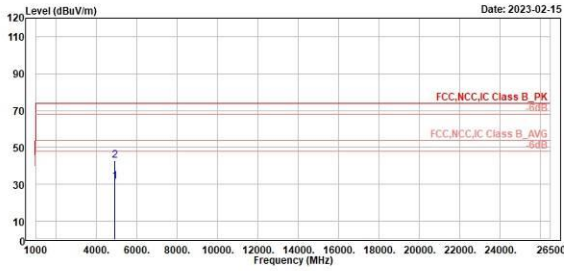
High Channel (Vertical)



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



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	4924.00	31.30	42.25	-10.95	54.00	-22.70	200	193 Average	Horizontal	
2	4924.00	42.82	53.77	-10.95	74.00	-31.18	200	193 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	32.74	43.69	-10.95	54.00	-21.26	198	41 Average	Vertical	
2	4924.00	43.08	54.03	-10.95	74.00	-30.92	198	41 Peak	Vertical	

802.11ax HE40

Low Channel (Horizontal)

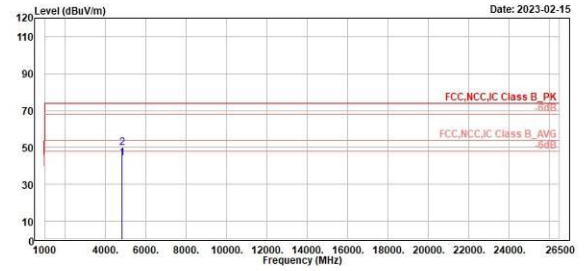
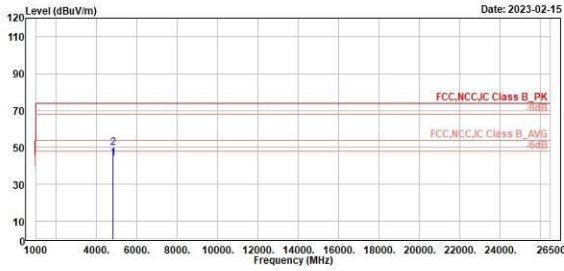
Low Channel (Vertical)



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



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



Line	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4844.00	44.41	55.27	-10.86	54.00	-9.59	137	175	Average	Horizontal	
2	4844.00	49.67	60.53	-10.86	74.00	-24.33	137	175	Peak	Horizontal	

Line	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4844.00	44.27	55.13	-10.86	54.00	-9.73	100	41	Average	Vertical	
2	4844.00	49.56	60.42	-10.86	74.00	-24.44	100	41	Peak	Vertical	

802.11ax HE40

Middle Channel (Horizontal)

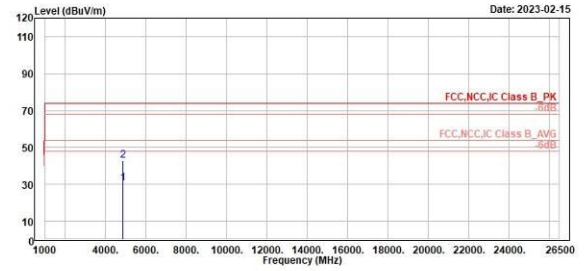
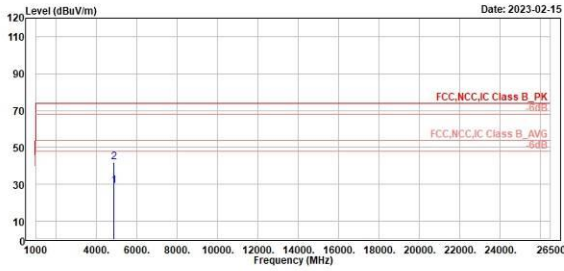
Middle Channel (Vertical)



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



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	4874.00	29.26	40.19	-10.93	54.00	-24.74	400	50 Average	Horizontal	
2	4874.00	41.87	52.80	-10.93	74.00	-32.13	400	50 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	30.45	41.38	-10.93	54.00	-23.55	199	42 Average	Vertical	
2	4874.00	42.77	53.70	-10.93	74.00	-31.23	199	42 Peak	Vertical	

802.11ax HE40

High Channel (Horizontal)

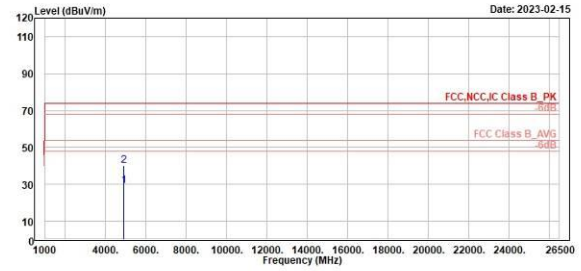
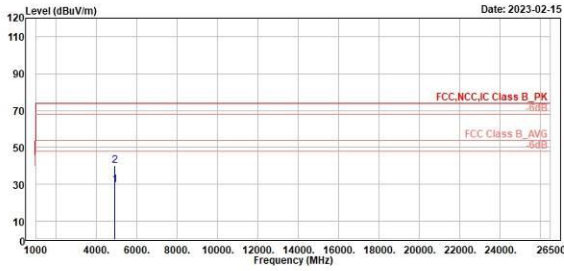
High Channel (Vertical)



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



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	4904.00	29.79	40.79	-11.00	54.00	-24.30	200	342 Average	Horizontal	
2	4904.00	40.21	51.21	-11.00	74.00	-33.79	200	342 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	4904.00	29.41	40.41	-11.00	54.00	-24.59	300	213 Average	Vertical	
2	4904.00	40.29	51.29	-11.00	74.00	-33.00	300	213 Peak	Vertical	