

U-NII-2C

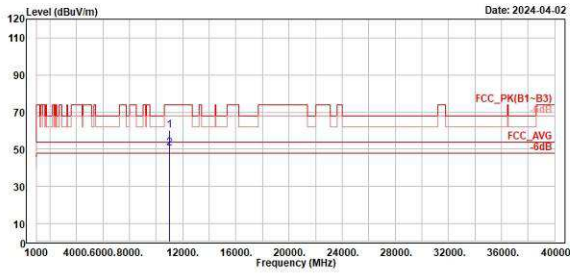
802.11a

CH 100 (Horizontal)

CH 100 (Vertical)



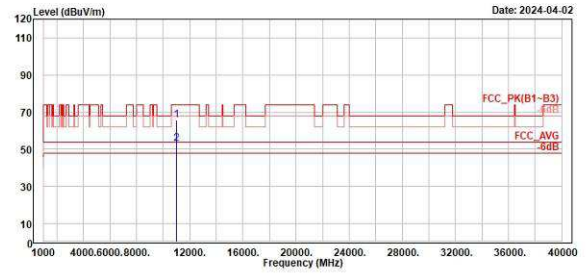
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No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11000.00	68.30	68.01	0.29	74.00	-13.70	200	277 Peak	Horizontal
2	11000.00	58.68	58.39	0.29	54.00	-3.32	200	277 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11000.00	65.51	65.22	0.29	74.00	-8.49	110	124 Peak	Vertical
2	11000.00	52.77	52.48	0.29	54.00	-1.23	110	124 Average	Vertical

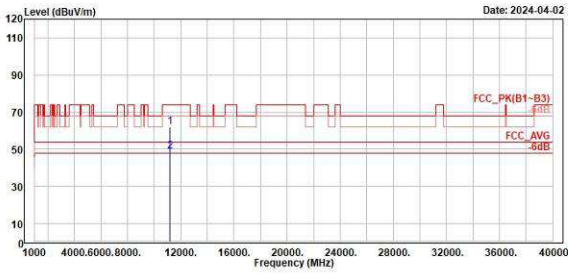
802.11a

CH 116 (Horizontal)

CH 116 (Vertical)



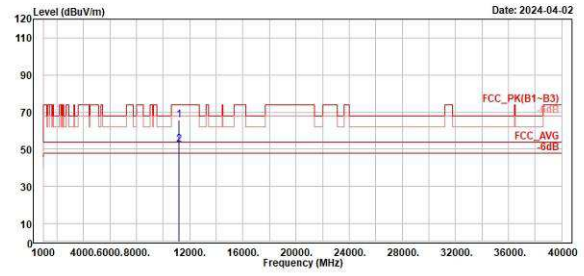
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Level	Line	Limit							
Factor									
dBuV	dBuV/m	dB	cm	deg					
1	11160.00	61.92	61.41	0.51	74.00	-12.08	100	152 Peak	Horizontal
2	11160.00	48.98	48.47	0.51	54.00	-5.02	100	152 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Level	Line	Limit							
Factor									
dBuV	dBuV/m	dB	cm	deg					
1	11160.00	65.91	65.40	0.51	74.00	-8.09	100	246 Peak	Vertical
2	11160.00	52.33	51.82	0.51	54.00	-1.67	100	246 Average	Vertical

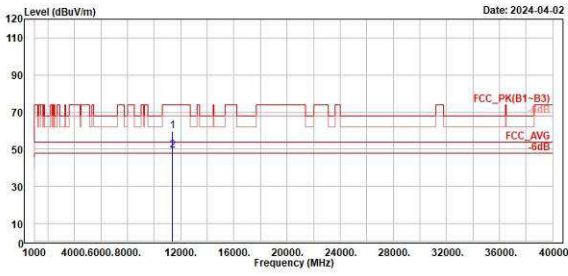
802.11a

CH 140 (Horizontal)

CH 140 (Vertical)



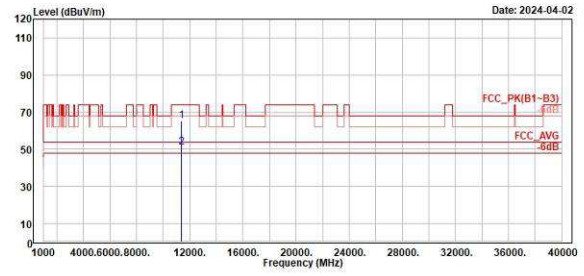
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11400.00	59.96	59.01	0.95	74.00	-14.04	380	97 Peak	Horizontal
2	11400.00	49.50	48.55	0.95	54.00	-4.50	380	97 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11400.00	65.02	64.07	0.95	74.00	-8.98	180	142 Peak	Vertical
2	11400.00	51.24	50.29	0.95	54.00	-2.76	180	142 Average	Vertical

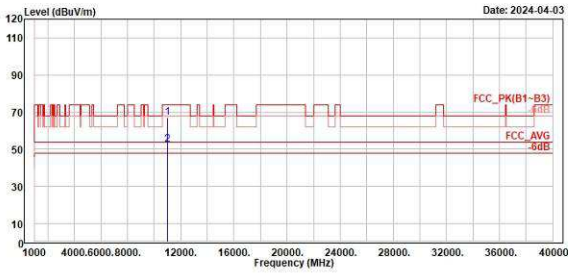
802.11ax HE20

CH 100 (Horizontal)

CH 100 (Vertical)



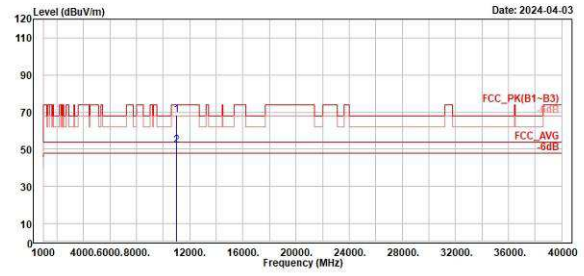
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11000.00	67.25	66.96	0.29	74.00	-6.75	300	302 Peak	Horizontal
2	11000.00	52.28	51.99	0.29	54.00	-1.72	300	302 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11000.00	68.30	68.01	0.29	74.00	-5.70	100	130 Peak	Vertical
2	11000.00	51.95	51.66	0.29	54.00	-2.05	100	130 Average	Vertical

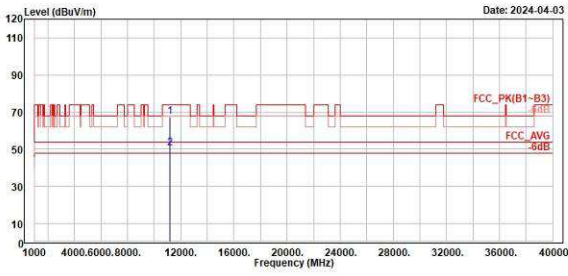
802.11ax HE20

CH 116 (Horizontal)

CH 116 (Vertical)



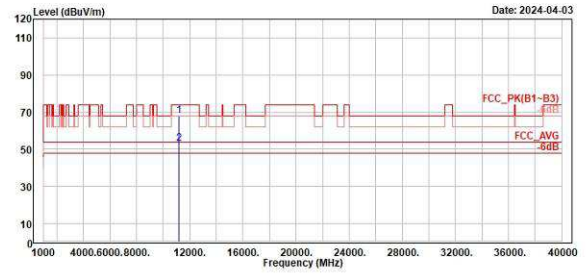
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11160.00	67.48	66.97	0.51	74.00	-6.52	300	311 Peak	Horizontal
2	11160.00	50.66	50.15	0.51	54.00	-3.34	300	311 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11160.00	67.95	67.44	0.51	74.00	-6.05	100	119 Peak	Vertical
2	11160.00	52.76	52.25	0.51	54.00	-1.24	100	119 Average	Vertical

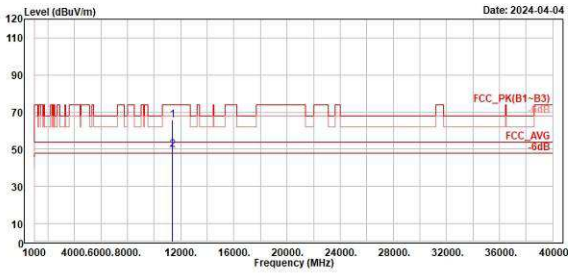
802.11ax HE20

CH 140 (Horizontal)

CH 140 (Vertical)



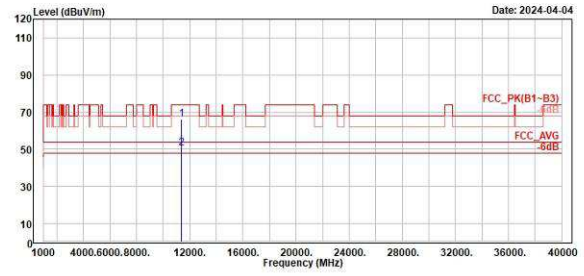
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit	cm	deg			
Factor							
dB/m	dBuV/m	dB					
0.95	74.00	-8.40	200	298	Peak	Horizontal	
0.95	54.00	-4.26	200	298	Average	Horizontal	



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit	cm	deg			
Factor							
dB/m	dBuV/m	dB					
0.95	74.00	-7.97	100	140	Peak	Vertical	
0.95	54.00	-3.37	100	140	Average	Vertical	

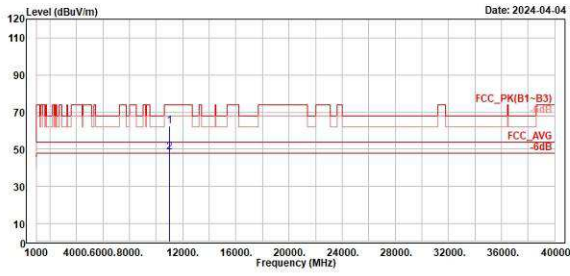
802.11ax HE40

CH 102 (Horizontal)

CH 102 (Vertical)



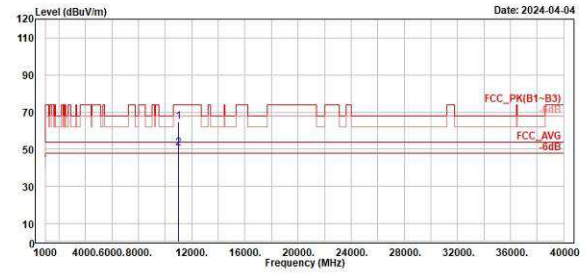
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	
Freq	Level	Level	Factor	Line	Limit			
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	11828.00	62.73	62.48	0.33	74.00	-11.27	100	239 Peak Horizontal
2	11828.00	48.38	48.05	0.33	54.00	-5.62	100	239 Average Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note	
Freq	Level	Level	Factor	Line	Limit			
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	11828.00	64.60	64.27	0.33	74.00	-9.40	100	126 Peak Vertical
2	11828.00	50.84	50.51	0.33	54.00	-3.16	100	126 Average Vertical

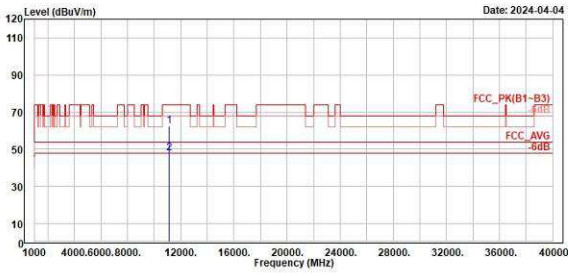
802.11ax HE40

CH 110 (Horizontal)

CH 110 (Vertical)



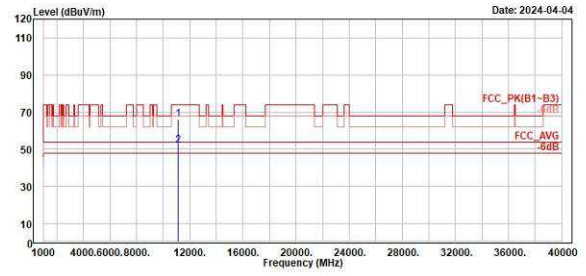
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Freq	Level	Read		Limit		APos	TPos	Remark	Pol/Phase	Note
		Level	Factor	Line	Limit					
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	11180.00	62.44	61.94	0.50	74.00	-11.56	187	325 Peak	Horizontal	
2	11180.00	47.90	47.40	0.50	54.00	-6.10	107	325 Average	Horizontal	



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Freq	Level	Read		Limit		APos	TPos	Remark	Pol/Phase	Note
		Level	Factor	Line	Limit					
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	11180.00	66.27	65.77	0.50	74.00	-7.73	225	348 Peak	Vertical	
2	11180.00	51.99	51.49	0.50	54.00	-2.01	225	348 Average	Vertical	

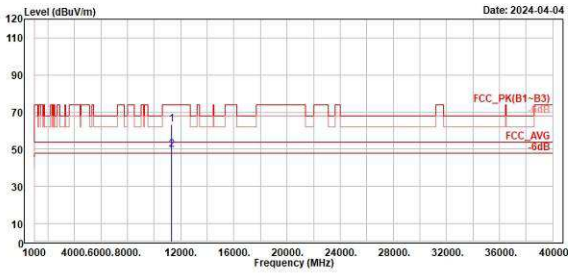
802.11ax HE40

CH 134 (Horizontal)

CH 134 (Vertical)



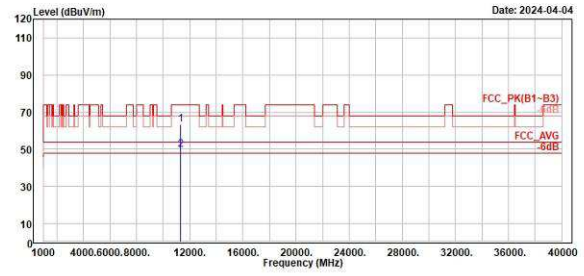
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dB/m	dBuV/m	dB	cm	deg			
63.26	62.44	0.82	74.00	-10.74	100	116 Peak	Vertical
49.92	49.10	0.82	54.00	-4.08	100	116 Average	Vertical



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dB/m	dBuV/m	dB	cm	deg			
63.26	62.44	0.82	74.00	-10.74	100	116 Peak	Vertical
49.92	49.10	0.82	54.00	-4.08	100	116 Average	Vertical

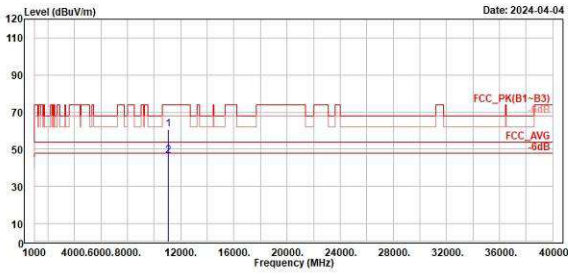
802.11ax HE80

CH 106 (Horizontal)

CH 106 (Vertical)



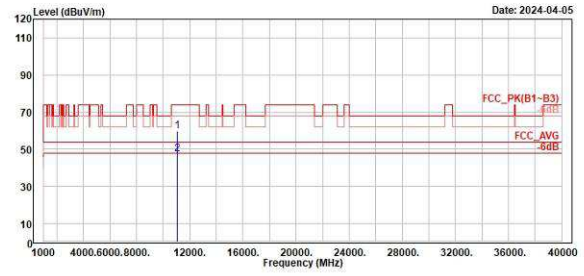
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	Freq	Read		Limit		APos	TPos	Remark	Pol/Phase	Note
		Level	Factor	Line	Over					
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11860.00	68.91	68.49	0.42	74.00	-13.09	300	305 Peak	Horizontal	
2	11860.00	46.56	46.14	0.42	54.00	-7.44	300	305 Average	Horizontal	



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	Freq	Read		Limit		APos	TPos	Remark	Pol/Phase	Note
		Level	Factor	Line	Over					
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11860.00	59.82	59.40	0.42	74.00	-14.18	281	360 Peak	Vertical	
2	11860.00	47.37	46.95	0.42	54.00	-6.63	281	360 Average	Vertical	

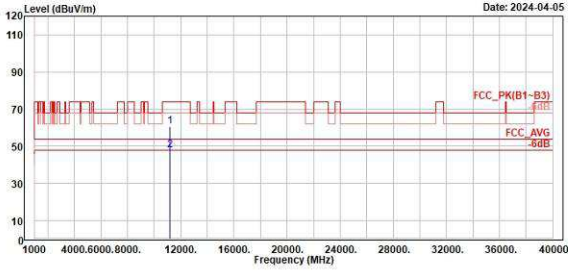
802.11ax HE80

CH 122 (Horizontal)

CH 122 (Vertical)



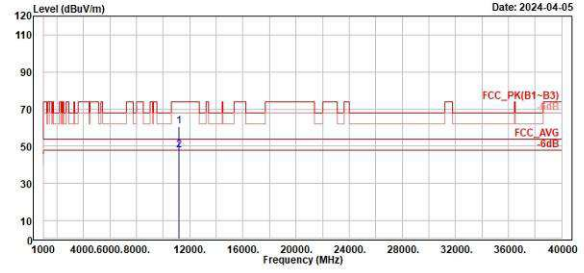
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11220.00	68.54	59.98	0.56	74.00	-13.46	267	213 Peak	Vertical
2	11220.00	48.02	47.46	0.56	54.00	-5.98	267	213 Average	Vertical



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11220.00	68.54	59.98	0.56	74.00	-13.46	267	213 Peak	Vertical
2	11220.00	48.02	47.46	0.56	54.00	-5.98	267	213 Average	Vertical

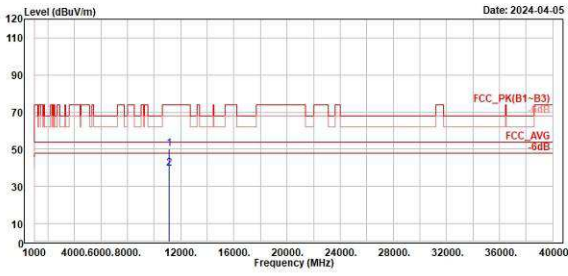
802.11ax HE160

CH 114 (Horizontal)

CH 114 (Vertical)



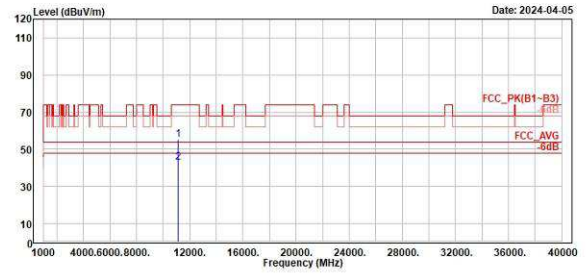
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	Freq	Level	Read		Limit		APos	TPos	Remark	Pol/Phase	Note
			Level	Factor	Line	Limit					
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	11140.00	50.33	49.82	0.51	74.00	-23.67	100	75	Peak	Horizontal	
2	11140.00	39.81	39.30	0.51	54.00	-14.19	100	75	Average	Horizontal	



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	Freq	Level	Read		Limit		APos	TPos	Remark	Pol/Phase	Note
			Level	Factor	Line	Limit					
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	11140.00	55.00	54.49	0.51	74.00	-19.00	100	122	Peak	Vertical	
2	11140.00	43.06	42.55	0.51	54.00	-10.94	100	122	Average	Vertical	

U-NII-2C & U-NII-3

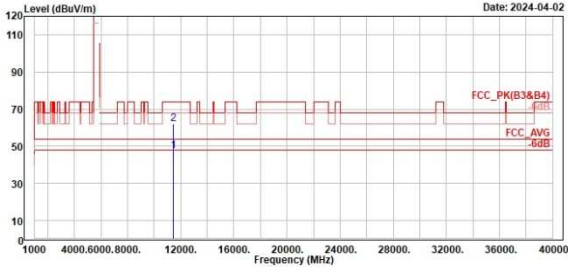
802.11a

CH 144 (Horizontal)

CH 144 (Vertical)



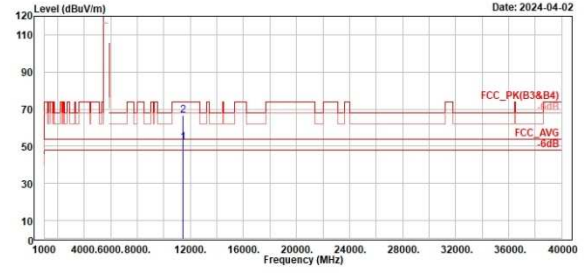
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Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dBuV	dBuV/m	dB	cm	deg			
47.33	54.00	-6.67	100	67	Average	Horizontal	
61.98	74.00	-12.02	100	67	Peak	Horizontal	



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Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dBuV	dBuV/m	dB	cm	deg			
51.96	54.00	-2.04	100	142	Average	Vertical	
66.49	74.00	-7.51	100	142	Peak	Vertical	

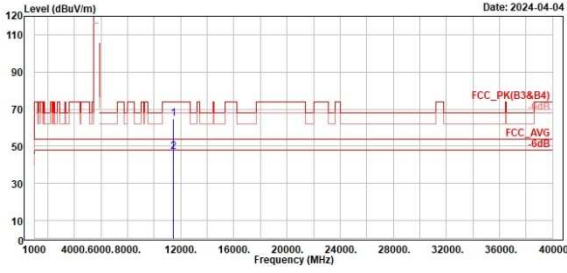
802.11ax HE20

CH 144 (Horizontal)

CH 144 (Vertical)



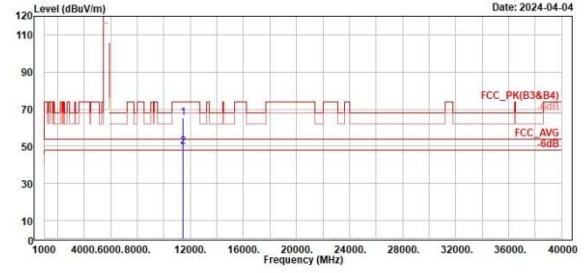
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Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dB/m	dBuV/m	dB	cm	deg			
1 11440.00 64.57 63.53 1.04 74.00 -9.43 200 360 Peak Horizontal							
2 11440.00 47.20 46.16 1.04 54.00 -6.80 200 360 Average Horizontal							



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Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dB/m	dBuV/m	dB	cm	deg			
1 11440.00 65.35 64.31 1.04 74.00 -8.65 100 140 Peak Vertical							
2 11440.00 49.76 48.72 1.04 54.00 -4.24 100 140 Average Vertical							

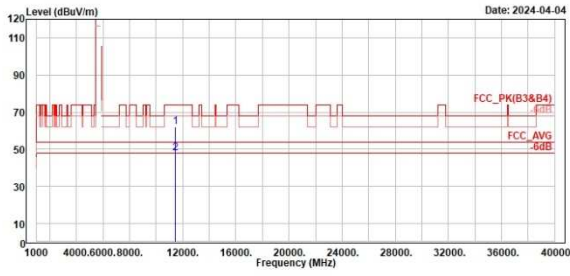
802.11ax HE40

CH 142 (Horizontal)

CH 142 (Vertical)



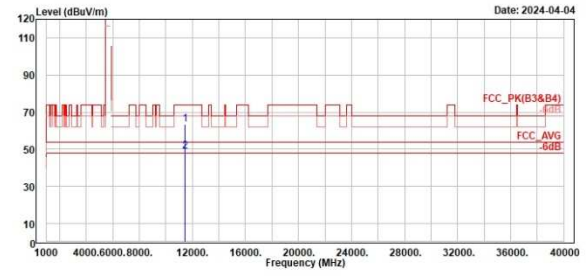
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Tel: +886-2172-1000 Fax: +886-2172-1322



	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
1	Level	Line	Limit					
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	11428.00	62.03	61.04	0.99	74.00	-11.97	300	347 Peak Horizontal
2	11428.00	48.12	47.13	0.99	54.00	-5.88	300	347 Average Horizontal



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	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
1	Level	Line	Limit					
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	11428.00	63.50	62.51	0.99	74.00	-10.50	300	140 Peak Vertical
2	11428.00	48.86	47.87	0.99	54.00	-5.14	300	140 Average Vertical

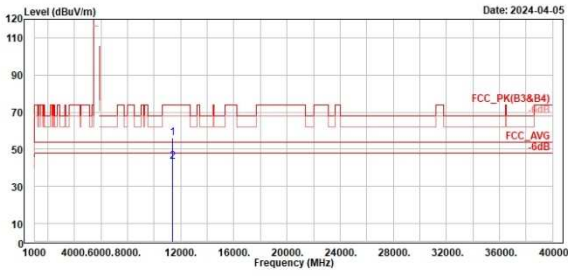
802.11ax HE80

CH 138 (Horizontal)

CH 138 (Vertical)



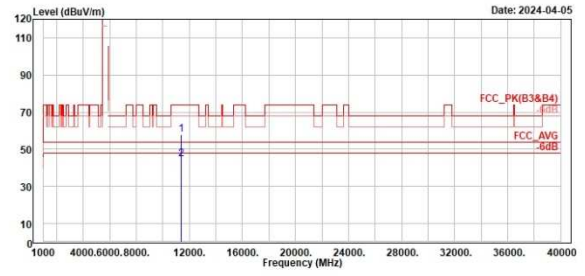
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	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Freq	Level	Line	Limit					
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	11380.00	56.09	55.18	0.91	74.00	-17.91	180	67 Peak Horizontal
2	11380.00	43.42	42.51	0.91	54.00	-10.58	180	67 Average Horizontal



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	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Freq	Level	Line	Limit					
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	11380.00	58.10	57.19	0.91	74.00	-15.90	180	138 Peak Vertical
2	11380.00	44.88	43.97	0.91	54.00	-9.12	180	138 Average Vertical

U-NII-3

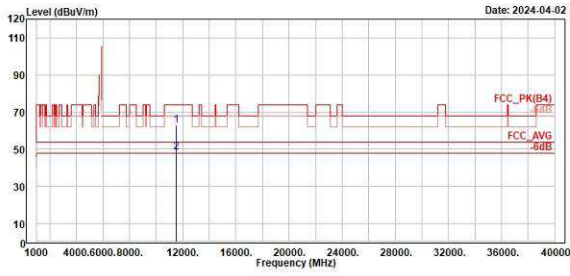
802.11a

CH 149 (Horizontal)

CH 149 (Vertical)



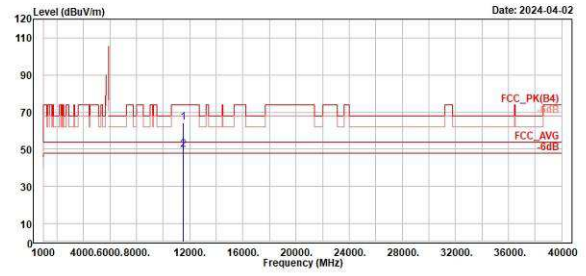
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	Freq	Level	Read		Limit		APos	TPos	Remark	Pol/Phase	Note
			Level	Factor	Line	Limit					
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	11490.00	62.90	61.76	1.14	74.00	-11.10	140	360	Peak	Horizontal	
2	11490.00	48.46	47.32	1.14	54.00	-5.54	140	360	Average	Horizontal	



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	Freq	Level	Read		Limit		APos	TPos	Remark	Pol/Phase	Note
			Level	Factor	Line	Limit					
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	11490.00	64.16	63.02	1.14	74.00	-9.84	100	13	Peak	Vertical	
2	11490.00	49.93	48.79	1.14	54.00	-4.07	100	13	Average	Vertical	

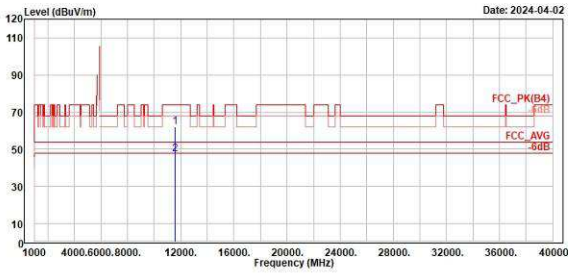
802.11a

CH 157 (Horizontal)

CH 157 (Vertical)



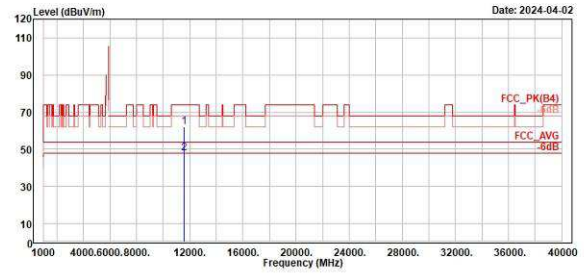
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11570.00	62.11	60.91	1.20	74.00	-11.89	100	84 Peak	Horizontal
2	11570.00	47.43	46.23	1.20	54.00	-6.57	100	84 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11570.00	62.08	60.88	1.20	74.00	-11.92	100	139 Peak	Vertical
2	11570.00	47.93	46.73	1.20	54.00	-6.07	100	139 Average	Vertical

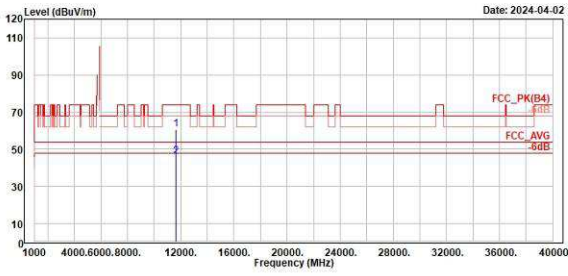
802.11a

CH 165 (Horizontal)

CH 165 (Vertical)



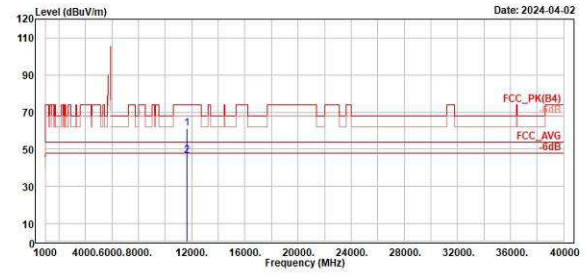
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11650.00	68.48	59.14	1.34	74.00	-13.52	161	360 Peak	Horizontal
2	11650.00	45.95	44.61	1.34	54.00	-8.05	161	360 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11650.00	61.10	59.76	1.34	74.00	-12.90	121	153 Peak	Vertical
2	11650.00	46.61	45.27	1.34	54.00	-7.39	121	153 Average	Vertical

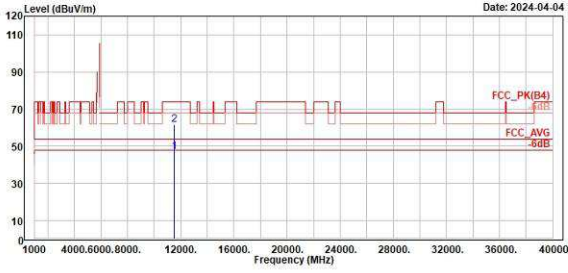
802.11ax HE20

CH 149 (Horizontal)

CH 149 (Vertical)



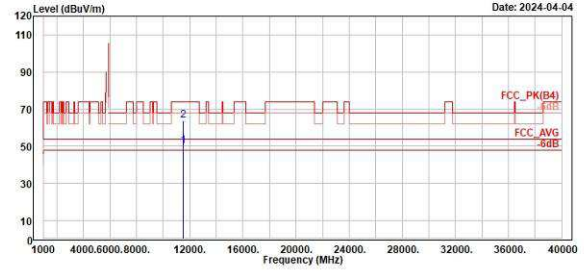
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Tel: +886-2172-1000 Fax: +886-2172-1322



	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
1	Level	Line	Limit	cm	deg			
2	Level	Line	Limit	cm	deg			
1	47.17	54.00	-6.83	100	154	Average	Horizontal	
2	61.59	74.00	-12.41	100	154	Peak	Horizontal	



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	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
1	Level	Line	Limit	cm	deg			
2	Level	Line	Limit	cm	deg			
1	48.95	54.00	-3.91	100	134	Average	Vertical	
2	63.95	74.00	-10.05	100	134	Peak	Vertical	

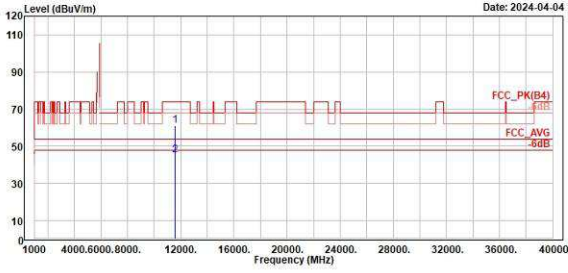
802.11ax HE20

CH 157 (Horizontal)

CH 157 (Vertical)



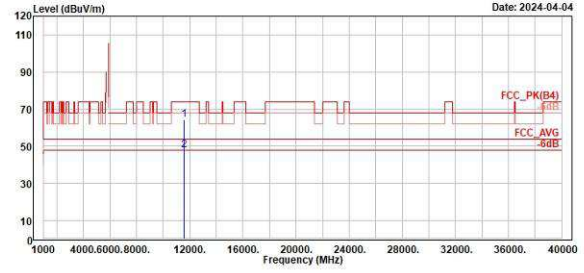
TUV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11570.00	61.15	59.95	1.20	74.00	-12.85	100	152 Peak	Horizontal
2	11570.00	45.26	44.06	1.20	54.00	-8.74	100	152 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11570.00	64.56	63.36	1.20	74.00	-9.44	100	140 Peak	Vertical
2	11570.00	47.96	46.76	1.20	54.00	-6.04	100	140 Average	Vertical

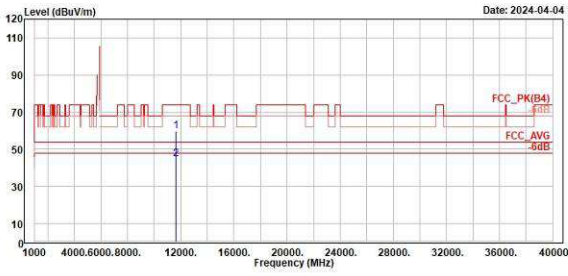
802.11ax HE20

CH 165 (Horizontal)

CH 165 (Vertical)



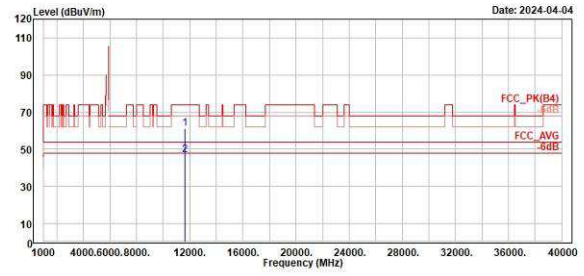
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11659.00	59.90	58.56	1.34	74.00	-14.10	100	172 Peak	Horizontal
2	11659.00	44.74	43.40	1.34	54.00	-9.26	100	172 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11659.00	61.31	59.97	1.34	74.00	-12.69	100	133 Peak	Vertical
2	11659.00	46.84	45.50	1.34	54.00	-7.16	100	133 Average	Vertical

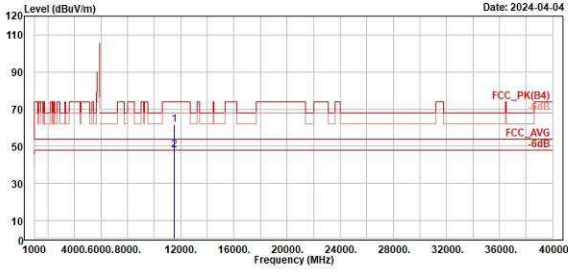
802.11ax HE40

CH 151 (Horizontal)

CH 151 (Vertical)



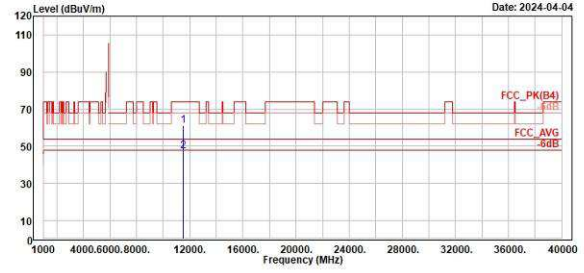
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Tel: +886-2172-1000 Fax: +886-2172-1322



Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11510.00	61.48	60.31	1.17	74.00	-12.52	200	303 Peak	Horizontal
2	11510.00	47.97	46.80	1.17	54.00	-6.03	200	303 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11510.00	61.22	60.05	1.17	74.00	-12.78	100	140 Peak	Vertical
2	11510.00	47.50	46.33	1.17	54.00	-6.50	100	140 Average	Vertical

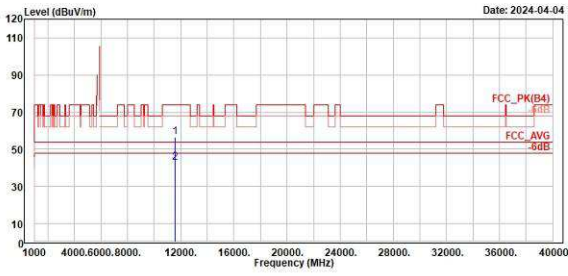
802.11ax HE40

CH 159 (Horizontal)

CH 159 (Vertical)



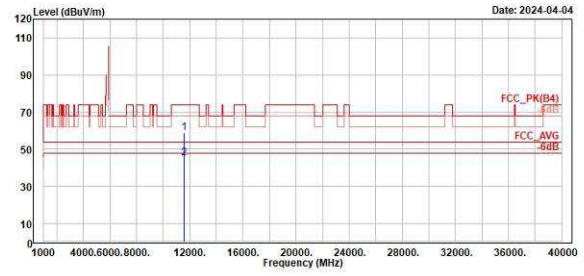
TUV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11590.00	56.49	55.28	1.21	74.00	-17.51	180	360 Peak	Horizontal
2	11590.00	42.85	41.64	1.21	54.00	-11.15	180	360 Average	Horizontal



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note		
Freq	Level	Level	Factor	Line	Limit				
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11590.00	58.87	57.66	1.21	74.00	-15.13	180	142 Peak	Vertical
2	11590.00	45.03	43.82	1.21	54.00	-8.97	180	142 Average	Vertical

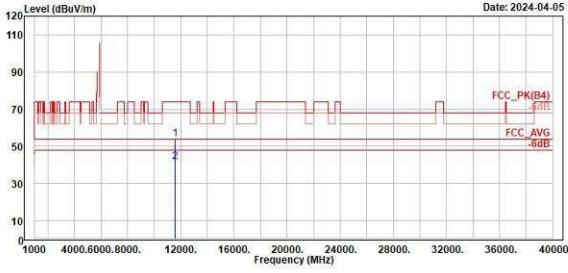
802.11ax HE80

CH 155 (Horizontal)

CH 155 (Vertical)



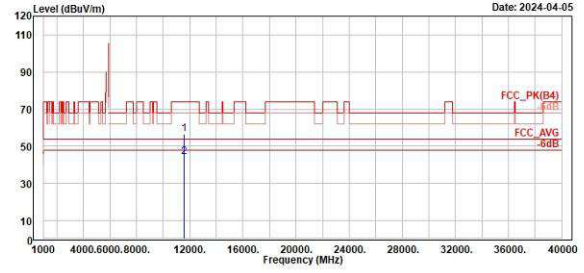
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	Freq	Level	Read		Limit	Over	APos	TPos	Remark	Pol/Phase	Note
			Level	Factor							
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	11550.00	53.81	52.62	1.19	74.00	-20.19	100	71	Peak	Horizontal	
2	11550.00	41.56	40.37	1.19	54.00	-12.44	100	71	Average	Horizontal	



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	Freq	Level	Read		Limit	Over	APos	TPos	Remark	Pol/Phase	Note
			Level	Factor							
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	11550.00	56.39	55.20	1.19	74.00	-17.61	100	130	Peak	Vertical	
2	11550.00	44.13	42.94	1.19	54.00	-9.87	100	130	Average	Vertical	

<Partial RU>
Band Edges, 4.5GHz ~ 5.15GHz
U-NII-1

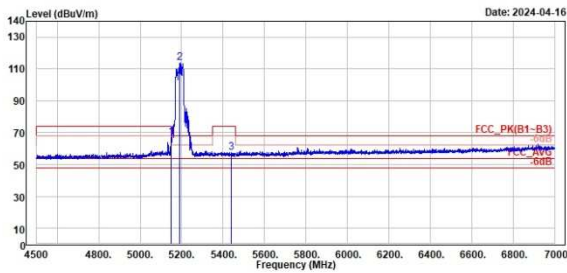
802.11ax HE40_RU484

CH38 (Horizontal) Peak

CH38 (Vertical) Peak



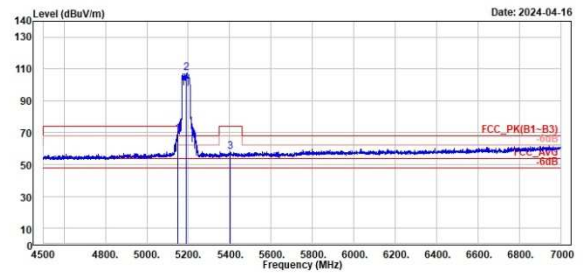
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenhiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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Peak	Freq	Level	Read Level	Level Factor	Limit Line	Over Limit	Apos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5148.00	67.14	23.95	43.19	74.00	-6.86	379	203	Peak	Horizontal	
2 *	5190.00	113.71	70.32	43.39	68.28	45.51	379	203	Peak	Horizontal	
3	5438.50	57.57	13.87	43.70	74.00	-16.43	379	203	Peak	Horizontal	



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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	5149.50	69.38	26.11	43.19	74.00	-4.70	314	86	Peak	Vertical	
2 *	5190.00	107.68	64.29	43.39	68.28	39.48	314	86	Peak	Vertical	
3	5403.50	58.28	14.40	43.88	74.00	-15.72	314	86	Peak	Vertical	

802.11ax HE40_RU484

CH38 (Horizontal) Average

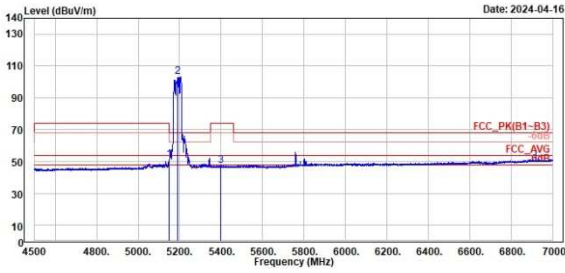
CH38 (Vertical) Average



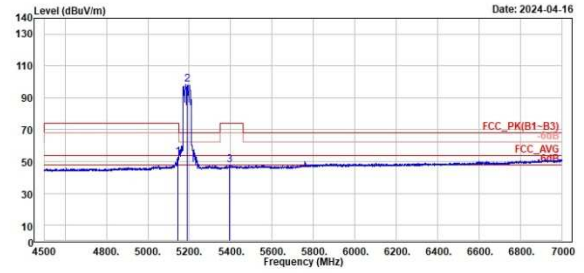
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Tel: +886-2172-1000 Fax: +886-2172-1322



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dB/m	dB/m	dB	cm	deg			
1 5148.00	51.29	0.18	43.19	54.00	-2.71	379	203 Average Horizontal
2 * 5190.00	103.49	60.18	43.39	54.00	49.49	379	203 Average Horizontal
3 5400.00	47.45	3.55	43.90	54.00	-6.55	379	203 Average Horizontal



Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dB/m	dB/m	dB	cm	deg			
1 5145.50	52.82	9.64	43.18	54.00	-1.18	314	86 Average Vertical
2 * 5190.00	98.32	54.93	43.39	54.00	44.32	314	86 Average Vertical
3 5395.00	47.74	3.91	43.83	54.00	-6.26	314	86 Average Vertical

Band Edges, 5.35GHz
U-NII-2A

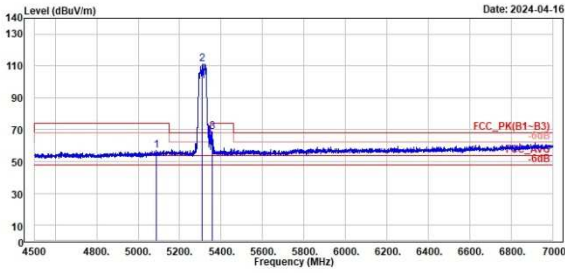
802.11ax HE40_RU484

CH62 (Horizontal) Peak

CH62 (Vertical) Peak



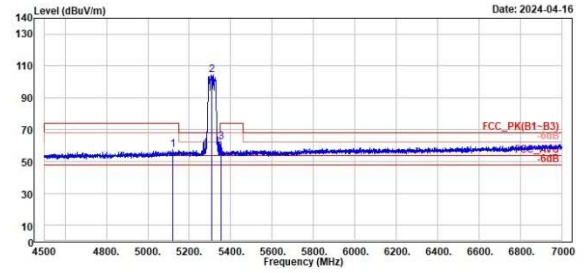
TUV Rheinland Taiwan Ltd.
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	5089.50	57.01	13.95	43.06	74.00	-16.99	343	180	Peak	Horizontal	
2 *	5318.00	111.25	67.55	43.70	68.28	43.05	343	180	Peak	Horizontal	
3 †	5356.50	68.66	25.32	43.34	74.00	-5.34	343	180	Peak	Horizontal	



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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	5121.50	57.55	14.44	43.11	74.00	-16.45	294	67	Peak	Vertical	
2 *	5318.00	104.45	68.75	43.70	68.28	36.25	294	67	Peak	Vertical	
3	5352.50	62.14	18.85	43.29	74.00	-11.86	294	67	Peak	Vertical	

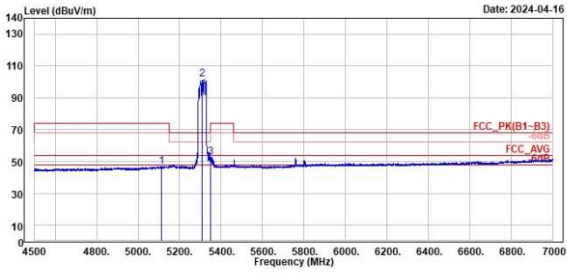
802.11ax HE40_RU484

CH62 (Horizontal) Average

CH62 (Vertical) Average



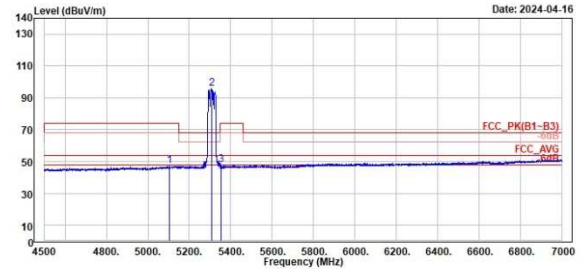
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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note				
Level	Line	Limit									
Factor											
dBuV	dB/m	dBuV/m	dB	cm	deg						
1	5118.50	47.00	3.92	43.08	54.00	-7.00	343	180	Average	Horizontal	
2 *	5318.00	101.56	57.86	43.70	54.00	47.56	343	180	Average	Horizontal	
3 !	5358.00	52.82	9.56	43.26	54.00	-1.18	343	180	Average	Horizontal	



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Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note				
Level	Line	Limit									
Factor											
dBuV	dB/m	dBuV/m	dB	cm	deg						
1	5183.00	47.42	4.36	43.06	54.00	-6.58	294	67	Average	Vertical	
2 *	5318.00	95.83	52.13	43.70	54.00	41.83	294	67	Average	Vertical	
3	5352.50	47.89	4.60	43.29	54.00	-6.11	294	67	Average	Vertical	

Band Edges, 5.3GHz ~ 5.47GHz, 5.725GHz
U-NII-2C

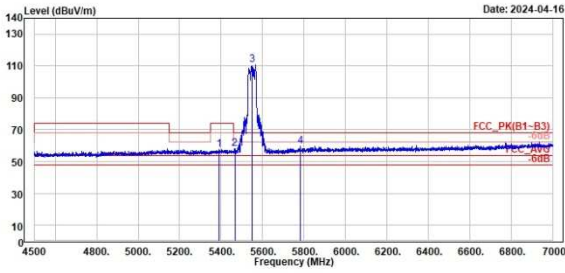
802.11ax HE40_RU484

CH110 (Horizontal) Peak

CH110 (Vertical) Peak



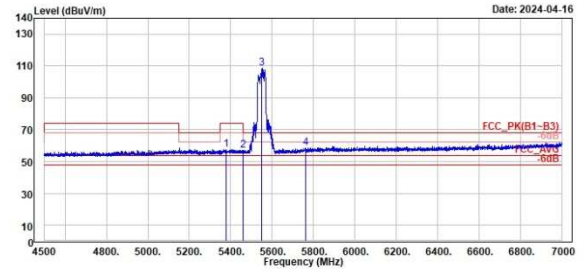
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	5389.50	57.54	13.78	43.76	74.00	-16.46	149	100	Peak	Horizontal	
2	5466.00	57.89	14.21	43.68	68.20	-10.31	149	100	Peak	Horizontal	
3 *	5559.00	110.61	66.89	43.72	68.20	42.41	149	100	Peak	Horizontal	
4	5781.00	59.65	15.54	44.11	68.20	-8.55	149	100	Peak	Horizontal	



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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	5377.00	57.61	14.01	43.60	74.00	-16.39	237	80	Peak	Vertical	
2	5461.50	57.12	13.45	43.67	68.20	-11.08	237	80	Peak	Vertical	
3 *	5559.00	108.37	64.65	43.72	68.20	40.17	237	80	Peak	Vertical	
4	5761.50	58.52	14.43	44.09	68.20	-9.68	237	80	Peak	Vertical	

802.11ax HE40_RU484

CH110 (Horizontal) Average

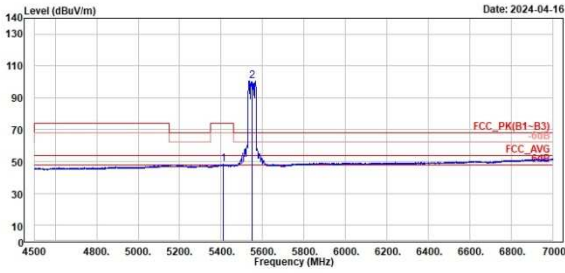
CH110 (Vertical) Average



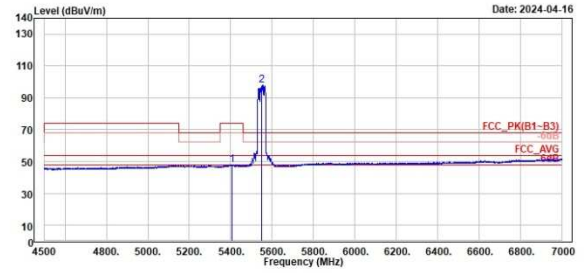
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	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
1	Level	Line	Limit	cm	deg			
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB			
1 5412.50	48.18	4.35	43.83	54.00	-5.82	149	100	Average Horizontal
2 * 5550.00	100.04	57.12	43.72	54.00	46.04	149	100	Average Horizontal



	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
1	Level	Line	Limit	cm	deg			
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB			
1 5400.50	47.91	4.06	43.85	54.00	-6.09	237	00	Average Vertical
2 * 5550.00	98.15	54.43	43.72	54.00	44.15	237	00	Average Vertical

Mask, 5.725GHz ~ 5.85GHz
U-NII-3

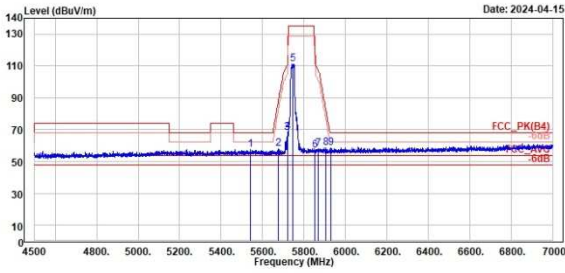
802.11ax HE20_RU242

CH149 (Horizontal) Peak

CH149 (Vertical) Peak



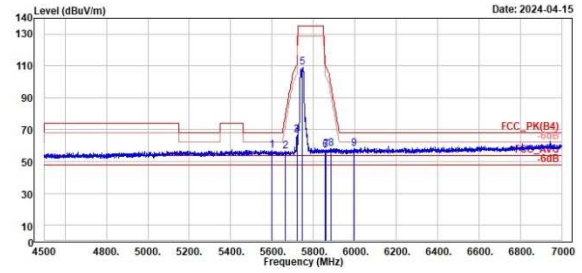
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Peak	Freq MHz	Level dBuV/m	Read Level Factor	Limit Line dB/m	Over Limit dB	Apos cm	TPos deg	Remark	Pol/Phase	Note
1	5542.00	57.40	13.67	43.73	68.20	-10.00	100	115 Peak	Horizontal	
2	5676.50	58.12	14.55	43.57	87.85	-29.73	100	115 Peak	Horizontal	
3	5719.50	68.03	24.27	43.76	110.66	-42.63	100	115 Peak	Horizontal	
4	5722.50	68.90	25.12	43.78	122.90	-54.00	100	115 Peak	Horizontal	
5	5745.00	111.19	67.16	44.03	135.00	-23.81	100	115 Peak	Horizontal	
6	5851.50	57.13	12.85	44.28	127.74	-70.61	100	115 Peak	Horizontal	
7	5869.50	57.88	13.52	44.36	106.74	-48.86	100	115 Peak	Horizontal	
8	5904.00	58.59	14.09	44.50	83.70	-25.11	100	115 Peak	Horizontal	
9	5930.50	58.60	14.13	44.47	68.20	-9.60	100	115 Peak	Horizontal	



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Peak	Freq MHz	Level dBuV/m	Read Level Factor	Limit Line dB/m	Over Limit dB	Apos cm	TPos deg	Remark	Pol/Phase	Note
1	5590.50	57.08	13.51	43.57	68.20	-11.12	100	65 Peak	Vertical	
2	5663.00	56.56	12.98	43.58	77.85	-21.29	100	65 Peak	Vertical	
3	5719.50	66.78	23.02	43.76	110.66	-43.88	100	65 Peak	Vertical	
4	5720.00	66.78	23.02	43.76	110.80	-44.02	100	65 Peak	Vertical	
5	5745.00	109.15	65.12	44.03	135.00	-25.85	100	65 Peak	Vertical	
6	5854.50	57.00	12.71	44.29	113.22	-56.22	100	65 Peak	Vertical	
7	5860.00	57.59	13.27	44.32	109.40	-51.81	100	65 Peak	Vertical	
8	5883.50	58.26	13.84	44.42	98.89	-40.63	100	65 Peak	Vertical	
9	5996.50	58.11	13.53	44.50	68.20	-10.09	100	65 Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 40GHz
U-NII-1

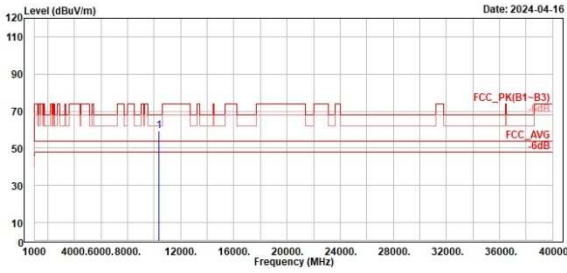
802.11ax HE40_RU484

CH38 (Horizontal)

CH38 (Vertical)



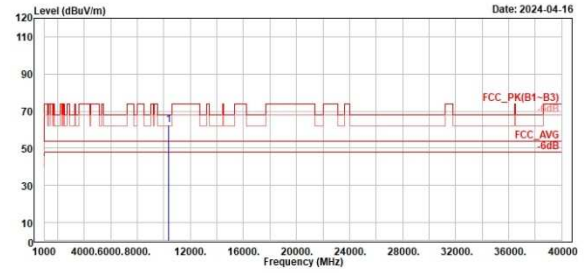
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1	10388.00	59.26	59.96	-0.70	68.20	-8.94	294	318	Peak	Horizontal
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1	10388.00	62.53	63.23	-0.70	68.20	-5.67	383	336	Peak	Vertical
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U-NII-2A

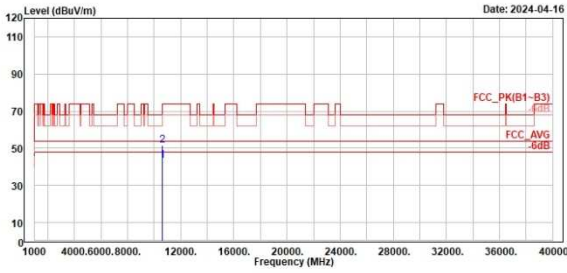
802.11ax HE40_RU484

CH62 (Horizontal)

CH62 (Vertical)



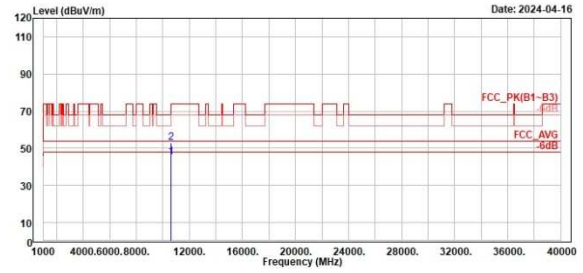
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Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dB/m	dBuV/m	dB	cm	deg			
43.21	43.64	-0.43	54.00	-10.79	180	185 Average	Horizontal
51.44	51.87	-0.43	74.00	-22.56	180	185 Peak	Horizontal



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Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dB/m	dBuV/m	dB	cm	deg			
44.97	45.40	-0.43	54.00	-9.83	180	165 Average	Vertical
52.87	53.30	-0.43	74.00	-21.13	180	165 Peak	Vertical

U-NII-2C

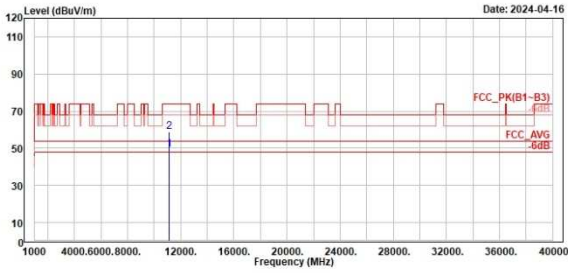
802.11ax HE40_RU484

CH110 (Horizontal)

CH110 (Vertical)



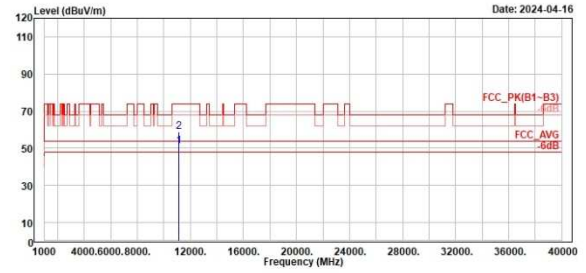
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Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dBuV	dBuV/m	dB	cm	deg			
49.86	54.00	-4.92	180	73	Average	Horizontal	1
58.78	74.00	-15.22	180	73	Peak	Horizontal	2



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Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Level	Line	Limit					
Factor							
dBuV	dBuV/m	dB	cm	deg			
59.88	54.00	-3.12	180	123	Average	Vertical	1
58.79	74.00	-15.21	180	123	Peak	Vertical	2

U-NII-3

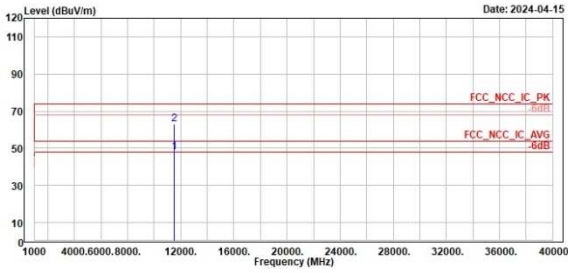
802.11ax HE20_RU242

CH149 (Horizontal)

CH149 (Vertical)



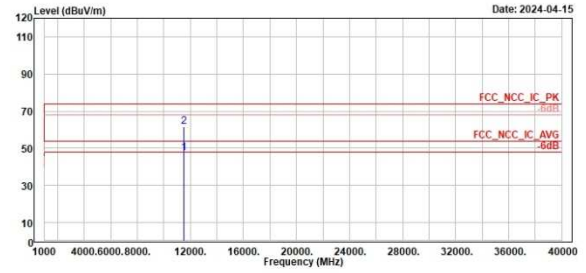
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Read	Level	Factor	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Freq	Level	Factor	Line	Limit					
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11490.00	48.02	46.88	1.14	54.00	-5.98	290	291	Average Horizontal
2	11490.00	62.79	61.65	1.14	74.00	-11.21	290	291	Peak Horizontal



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Read	Level	Factor	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
Freq	Level	Factor	Line	Limit					
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	11490.00	47.43	46.29	1.14	54.00	-6.57	305	316	Average Vertical
2	11490.00	61.66	60.46	1.14	74.00	-12.40	305	316	Peak Vertical

Mains Conducted Emission, (150kHz ~ 30MHz)

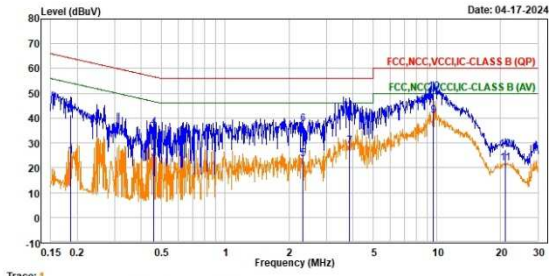
Worst Band

(Line)

(Neutral)



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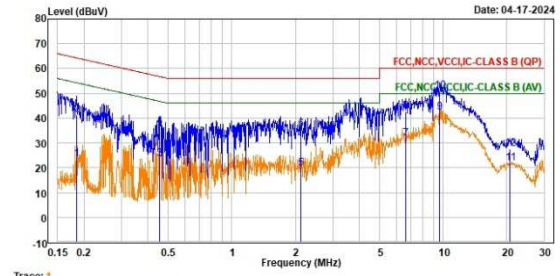


Trace: 1

Line	Freq	Level	Read Level	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.19	24.55	14.93	9.62	54.22	-29.67	Average	line1	
2	0.19	41.34	31.72	9.62	64.22	-22.88	QP	line1	
3	0.46	23.52	13.89	9.63	46.69	-23.17	Average	line1	
4	0.46	36.05	26.42	9.63	56.69	-20.64	QP	line1	
5	2.33	23.52	13.86	9.66	46.00	-22.48	Average	line1	
6	2.33	37.40	27.74	9.66	56.00	-18.60	QP	line1	
7	3.87	28.75	19.07	9.68	46.00	-17.25	Average	line1	
8	3.87	40.74	31.06	9.68	56.00	-15.26	QP	line1	
9	9.63	41.00	31.24	9.76	50.00	-9.00	Average	line1	
10	9.63	50.61	40.85	9.76	60.00	-9.39	QP	line1	
11	20.95	21.00	12.04	9.76	50.00	-28.20	Average	line1	
12	20.95	27.40	17.64	9.76	60.00	-32.60	QP	line1	



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Trace: 1

Line	Freq	Level	Read Level	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.18	23.39	13.77	9.62	54.30	-30.91	Average	neutral	
2	0.18	41.20	31.58	9.62	64.30	-23.10	QP	neutral	
3	0.46	23.52	13.89	9.63	46.77	-23.25	Average	neutral	
4	0.46	36.50	26.87	9.63	56.77	-20.27	QP	neutral	
5	2.12	19.73	10.07	9.66	46.00	-26.27	Average	neutral	
6	2.12	35.61	25.95	9.66	56.00	-20.39	QP	neutral	
7	6.63	31.64	21.90	9.74	50.00	-18.36	Average	neutral	
8	6.63	42.63	32.89	9.74	60.00	-17.37	QP	neutral	
9	9.63	42.45	32.66	9.79	50.00	-7.55	Average	neutral	
10	9.63	50.81	41.02	9.79	60.00	-9.19	QP	neutral	
11	20.75	21.84	11.98	9.86	50.00	-28.16	Average	neutral	
12	20.75	27.48	17.62	9.86	60.00	-32.52	QP	neutral	

<Adapter A + Adapter B>
Spurious Emissions, Tx Mode, 9kHz ~30MHz
U-NII-2C

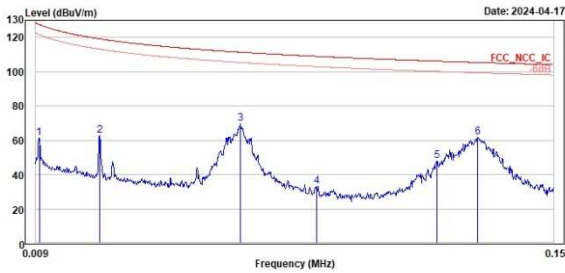
802.11ax HE40

CH 110(Open) (9kHz ~ 150kHz)

CH 110(Open) (150kHz ~ 30MHz)



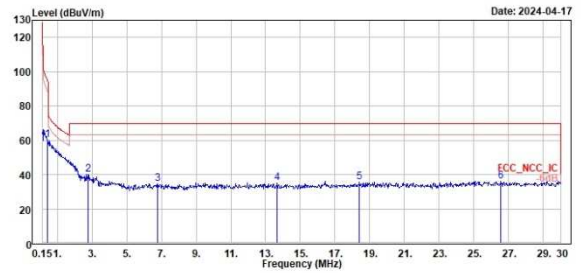
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.01	61.48	43.17	18.31	127.68	-66.12	100	169	Peak	Open	
2	0.03	62.68	42.79	19.81	119.13	-56.53	100	187	Peak	Open	
3	0.06	69.45	50.69	18.76	111.36	-41.91	100	173	Peak	Open	
4	0.09	33.33	14.77	18.56	108.96	-75.63	100	173	Peak	Open	
5	0.12	48.18	29.48	18.62	106.15	-58.05	100	309	Peak	Open	
6	0.13	61.84	43.15	18.69	105.37	-43.53	100	190	Peak	Open	



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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	0.45	60.38	41.24	19.14	94.57	-34.19	100	199	Peak	Open	
2	2.78	40.12	21.05	19.07	69.50	-29.38	100	224	Peak	Open	
3	6.78	34.68	13.83	20.85	69.50	-34.82	100	257	Peak	Open	
4	13.67	34.92	13.57	21.35	69.50	-34.58	100	252	Peak	Open	
5	18.42	35.70	13.29	22.41	69.50	-33.80	100	79	Peak	Open	
6	26.57	36.16	13.43	22.73	69.50	-33.34	100	22	Peak	Open	

Spurious Emissions, 30MHz ~ 1GHz
U-NII-2C

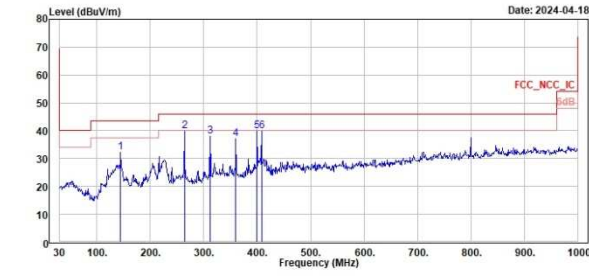
802.11ax HE40

CH 110 (Horizontal)

CH 110 (Vertical)



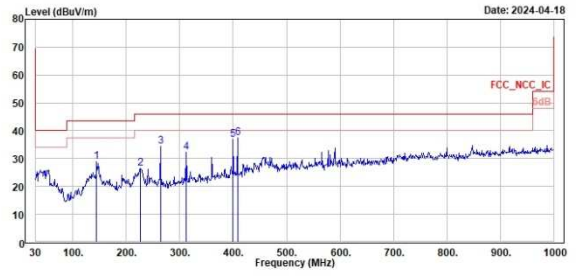
TUV Rheinland Taiwan Ltd.
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	144.46	32.29	39.01	-6.72	43.50	-11.21	100	263	Peak	Horizontal	
2	263.77	39.72	46.45	-6.73	46.00	-6.28	100	104	Peak	Horizontal	
3	312.27	38.04	43.43	-5.39	46.00	-7.96	100	64	Peak	Horizontal	
4	359.80	37.06	41.37	-4.31	46.00	-8.94	100	267	Peak	Horizontal	
5	399.57	39.71	43.26	-3.55	46.00	-6.29	100	172	Peak	Horizontal	
6	488.30	39.75	43.15	-3.40	46.00	-6.25	100	172	Peak	Horizontal	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	144.46	28.76	35.48	-6.72	43.50	-14.74	100	168	Peak	Vertical	
2	225.94	26.53	34.84	-8.31	46.00	-19.47	100	51	Peak	Vertical	
3	263.77	34.28	41.01	-6.73	46.00	-11.72	100	0	Peak	Vertical	
4	312.27	32.14	37.53	-5.39	46.00	-13.86	100	144	Peak	Vertical	
5	399.57	36.92	40.47	-3.55	46.00	-9.08	100	180	Peak	Vertical	
6	488.30	37.55	40.95	-3.40	46.00	-8.45	100	193	Peak	Vertical	

Mains Conducted Emission, TX (150kHz ~ 30MHz)

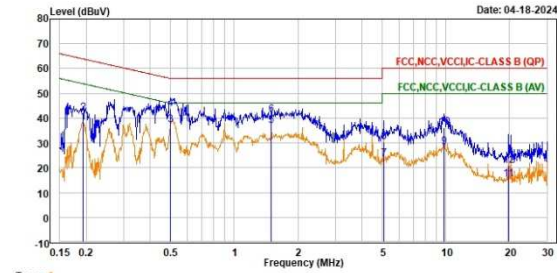
Worst Band

(Line)

(Neutral)



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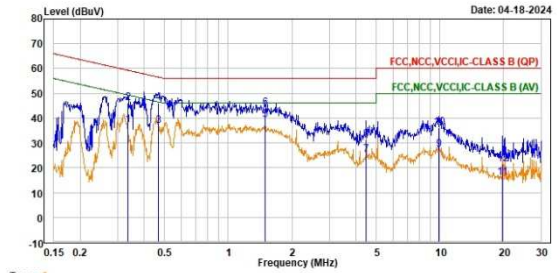


Trace: 1

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.19	38.12	28.50	9.62	53.93	-15.81	Average	line1	
2	0.19	42.08	32.46	9.62	63.93	-21.85	QP	line1	
3	0.50	37.11	27.48	9.63	46.00	-8.89	Average	line1	
4	0.50	43.59	33.96	9.63	56.00	-12.41	QP	line1	
5	1.50	36.78	27.12	9.66	46.00	-9.22	Average	line1	
6	1.50	41.46	31.80	9.66	56.00	-14.54	QP	line1	
7	5.09	23.57	13.87	9.70	50.00	-26.43	Average	line1	
8	5.09	30.27	20.57	9.70	60.00	-29.73	QP	line1	
9	9.82	28.59	18.63	9.76	50.00	-21.61	Average	line1	
10	9.82	36.29	26.53	9.76	60.00	-23.71	QP	line1	
11	19.74	15.29	5.52	9.77	50.00	-34.71	Average	line1	
12	19.74	20.70	10.93	9.77	60.00	-39.30	QP	line1	



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Trace: 1

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.33	37.32	27.70	9.62	49.33	-12.01	Average	neutral	
2	0.33	46.13	36.51	9.62	59.33	-13.20	QP	neutral	
3	0.47	36.86	27.23	9.63	46.52	-9.66	Average	neutral	
4	0.47	46.28	36.65	9.63	56.52	-10.24	QP	neutral	
5	1.50	39.35	29.69	9.66	46.00	-6.65	Average	neutral	
6	1.50	44.02	34.36	9.66	56.00	-11.98	QP	neutral	
7	4.49	25.38	15.67	9.71	46.00	-20.62	Average	neutral	
8	4.49	31.55	21.84	9.71	56.00	-24.45	QP	neutral	
9	9.87	27.28	17.49	9.79	50.00	-22.72	Average	neutral	
10	9.87	36.26	26.47	9.79	60.00	-23.74	QP	neutral	
11	19.74	16.10	6.24	9.86	50.00	-33.90	Average	neutral	
12	19.74	21.65	11.79	9.86	60.00	-38.35	QP	neutral	