

Spurious Emissions, Tx Mode, 1GHz ~ 40GHz

U-NII-1

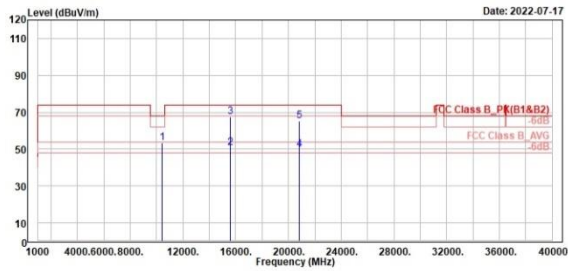
802.11ax HE20_OFDMA

CH 40 (Horizontal)

CH 40 (Vertical)



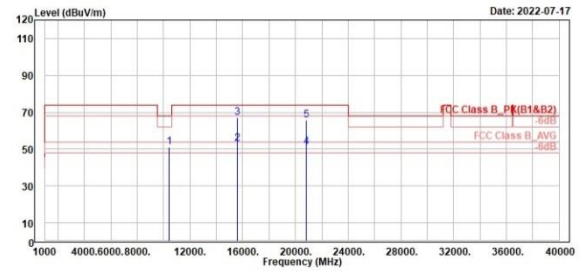
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	dB	cm	deg		
1	10400.00	53.55	56.97	-3.42	68.20	-14.65	300	74 Peak	Horizontal	
2	15600.00	50.63	47.01	3.62	74.00	-23.37	152	52 Average	Horizontal	
3	15600.00	67.57	63.95	3.62	74.00	-6.43	152	52 Peak	Horizontal	
4	20800.00	49.94	49.94	0.00	74.00	-24.06	200	351 Average	Horizontal	
5	20800.00	65.20	65.20	0.00	74.00	-8.80	200	351 Peak	Horizontal	



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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	dB	cm	deg		
1	10400.00	51.16	54.58	-3.42	68.20	-17.04	156	360 Peak	Vertical	
2	15600.00	53.01	49.39	3.62	74.00	-20.99	234	3 Average	Vertical	
3	15600.00	67.09	63.47	3.62	74.00	-6.91	234	3 Peak	Vertical	
4	20800.00	50.88	50.88	0.00	74.00	-23.12	288	8 Average	Vertical	
5	20800.00	65.92	65.92	0.00	74.00	-8.08	288	8 Peak	Vertical	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz
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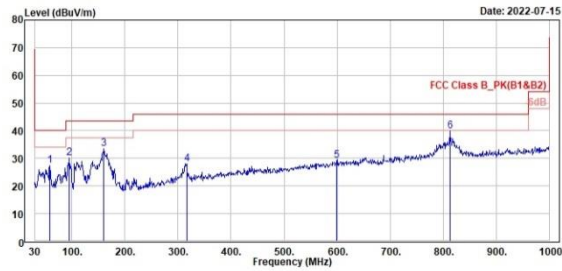
802.11ax HE20_OFDMA

CH 40 (Horizontal)

CH 40 (Vertical)



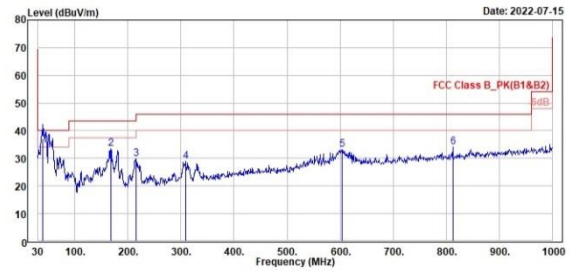
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	58.13	27.28	34.16	-6.88	40.00	-12.72	400	99 QP	Horizontal	
2	94.99	30.03	42.43	-12.40	43.50	-13.47	300	79 QP	Horizontal	
3	159.98	33.34	39.30	-5.96	43.50	-10.16	100	218 QP	Horizontal	
4	316.15	28.11	32.67	-4.56	46.00	-17.89	100	128 QP	Horizontal	
5	599.39	29.11	28.92	0.19	46.00	-16.89	100	20 QP	Horizontal	
6	812.79	39.94	36.79	3.15	46.00	-6.06	100	360 QP	Horizontal	



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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	39.70	37.14	43.50	-6.36	40.00	-2.86	100	108 QP	Vertical	
2	167.74	33.43	39.42	-5.99	43.50	-10.07	100	107 QP	Vertical	
3	215.27	29.72	37.86	-8.14	43.50	-13.78	100	61 QP	Vertical	
4	308.39	28.87	33.56	-4.69	46.00	-17.13	100	108 QP	Vertical	
5	604.24	33.11	32.90	0.21	46.00	-12.89	100	31 QP	Vertical	
6	812.79	34.18	31.03	3.15	46.00	-11.82	114	360 QP	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

U-NII-1

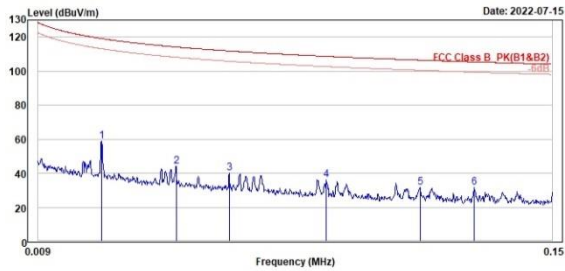
802.11ax HE20_OFDMA

CH 40 (9kHz ~ 150kHz)

CH 40 (150kHz ~ 30MHz)



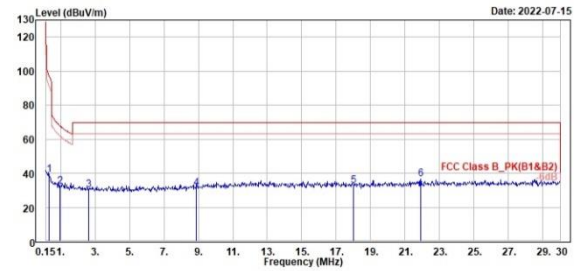
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.03	58.95	39.76	19.19	119.13	-60.18	100	216 QP	Open	
2	0.05	43.82	24.48	19.34	114.16	-70.34	100	268 QP	Open	
3	0.06	40.12	21.06	19.06	111.82	-71.70	100	276 QP	Open	
4	0.09	35.93	17.46	18.47	108.70	-72.77	100	94 QP	Open	
5	0.11	31.47	13.20	18.27	106.48	-75.01	100	296 QP	Open	
6	0.13	31.51	13.19	18.32	105.41	-73.90	100	276 QP	Open	



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	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	39.10	20.16	18.94	97.26	-58.16	100	171 QP	Open	
2	0.96	32.12	12.88	19.24	67.85	-35.73	100	268 QP	Open	
3	2.63	30.18	10.70	19.48	69.50	-39.32	100	81 QP	Open	
4	8.87	31.03	10.07	20.96	69.50	-38.47	100	93 QP	Open	
5	18.00	32.41	10.35	22.06	69.50	-37.09	100	202 QP	Open	
6	21.91	36.78	14.49	22.29	69.50	-32.72	100	337 QP	Open	

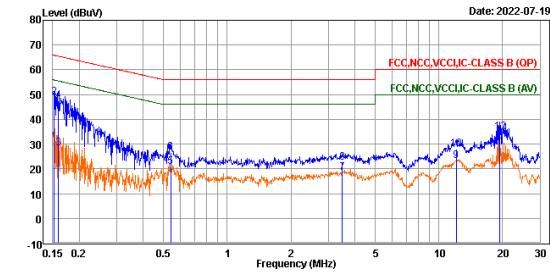
Mains Conducted Emission, (150kHz ~ 30MHz)

Worst Band

(Line)



TÜV Rheinland Taiwan Ltd.
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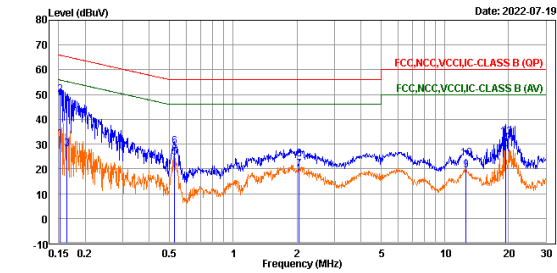
Trace: 1

	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	30.68	21.07	9.61	55.92	-25.24	Average	line1	
2	0.15	49.00	39.39	9.61	55.92	-16.92	QP	line1	
3	0.16	28.40	18.79	9.61	55.50	-27.10	Average	line1	
4	0.16	47.61	38.00	9.61	55.50	-17.89	QP	line1	
5	0.54	20.76	11.14	9.62	46.00	-25.24	Average	line1	
6	0.54	26.62	17.00	9.62	46.00	-29.38	QP	line1	
7	3.58	18.30	8.63	9.67	46.00	-27.70	Average	line1	
8	3.58	22.54	12.87	9.67	46.00	-33.46	QP	line1	
9	12.05	23.19	13.46	9.73	50.00	-26.81	Average	line1	
10	12.05	27.84	18.11	9.73	50.00	-32.16	QP	line1	
11	19.35	28.88	19.16	9.72	50.00	-21.12	Average	line1	
12	19.35	34.92	25.20	9.72	50.00	-25.08	QP	line1	

(Neutral)



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Trace: 1

	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	32.23	22.64	9.59	55.88	-23.65	Average	neutral	
2	0.15	49.75	40.16	9.59	55.88	-16.13	QP	neutral	
3	0.16	28.00	18.41	9.59	55.25	-27.25	Average	neutral	
4	0.16	46.11	36.52	9.59	55.25	-19.14	QP	neutral	
5	0.53	24.62	15.02	9.60	46.00	-21.38	Average	neutral	
6	0.53	29.12	19.52	9.60	46.00	-26.88	QP	neutral	
7	2.04	19.74	10.11	9.63	46.00	-26.26	Average	neutral	
8	2.04	23.77	14.14	9.63	46.00	-32.23	QP	neutral	
9	12.60	19.56	9.79	9.77	50.00	-30.44	Average	neutral	
10	12.60	24.35	14.58	9.77	50.00	-35.65	QP	neutral	
11	19.35	25.83	16.03	9.80	50.00	-24.17	Average	neutral	
12	19.35	32.94	23.14	9.80	50.00	-27.06	QP	neutral	