

Appendix B: Test Results of Radiation Spurious Emissions & Mains

Conducted Emission

Band Edges, 4.5GHz ~ 7GHz

U-NII-1

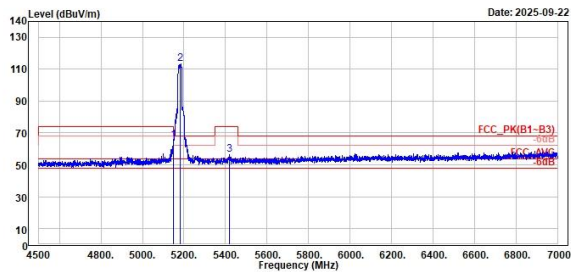
802.11a

CH 36 (Horizontal) Peak

CH 36 (Vertical) Peak



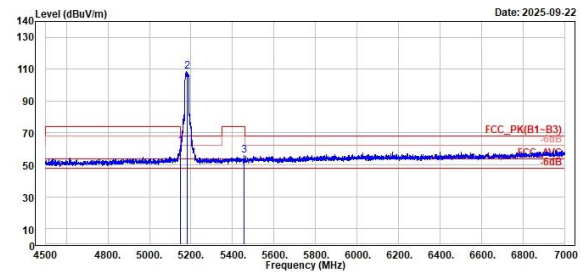
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5148.000	65.74	24.12	41.62	74.00	-8.26	120	59	Peak	Horizontal		
2	* 5180.000	113.44	71.62	41.82	68.20	45.24	120	59	Peak	Horizontal		
3	5419.500	56.55	14.08	42.47	74.00	-17.45	120	59	Peak	Horizontal		



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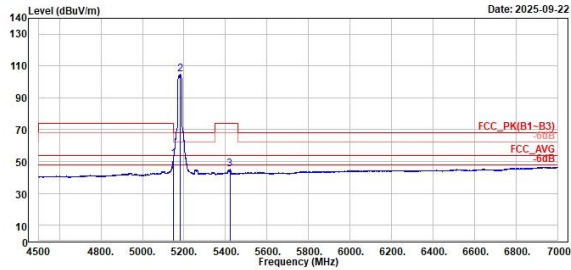
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1	5150.000	61.67	20.05	41.62	74.00	-12.33	133	288	Peak	Vertical		
2	* 5180.000	108.72	66.90	41.82	68.20	40.52	133	288	Peak	Vertical		
3	5455.500	55.71	13.37	42.34	74.00	-18.29	133	288	Peak	Vertical		

802.11a

CH 36 (Horizontal) Average



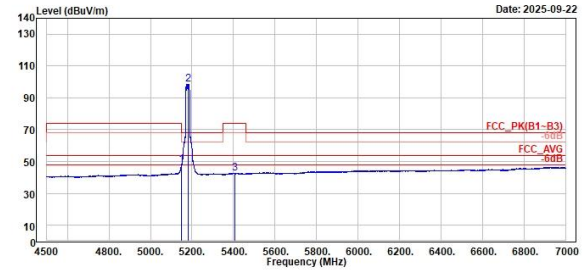
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5149.000	51.74	10.12	41.62	54.00	-2.26	120	59	Average	Horizontal		
2	5180.000	104.63	62.81	41.82	54.00	50.63	120	59	Average	Horizontal		
3	5421.000	44.99	2.52	42.47	54.00	-9.01	120	59	Average	Horizontal		



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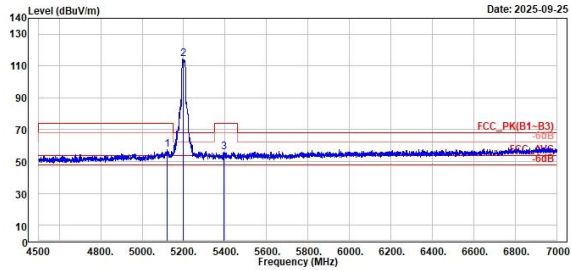
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1	5150.000	47.69	6.07	41.62	54.00	-6.31	133	288	Average	Vertical		
2	5180.000	98.72	56.90	41.82	54.00	44.72	133	288	Average	Vertical		
3	5407.500	42.68	0.13	42.55	54.00	-11.32	133	288	Average	Vertical		

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CH 40 (Horizontal) Peak



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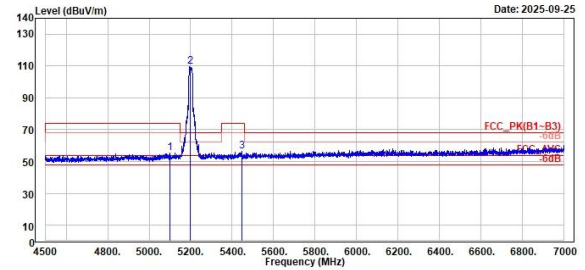


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1	5121.000	57.30	15.69	41.61	74.00	-16.70	100	62	Peak	Horizontal		
2	* 5200.000	114.48	72.52	41.96	68.20	46.28	100	62	Peak	Horizontal		
3	5392.500	55.84	13.36	42.48	74.00	-18.16	100	62	Peak	Horizontal		

CH 40 (Vertical) Peak



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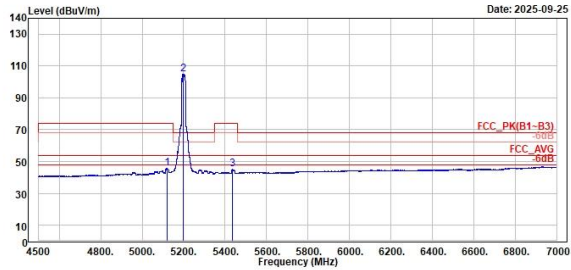
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1	5099.500	55.52	13.93	41.59	74.00	-18.48	244	323	Peak	Vertical		
2	* 5200.000	109.44	67.48	41.96	68.20	41.24	244	323	Peak	Vertical		
3	5447.000	56.18	13.85	42.33	74.00	-17.82	244	323	Peak	Vertical		

802.11a

CH 40 (Horizontal) Average



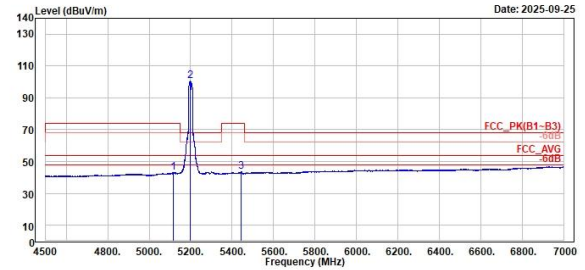
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	Limit	cm	deg			
1	5119.000	45.87	4.27	41.60	54.00	-8.13	100	62	Average	Horizontal		
2	5200.000	105.00	63.04	41.96	54.00	51.00	100	62	Average	Horizontal		
3	5436.500	44.98	2.60	42.38	54.00	-9.02	100	62	Average	Horizontal		



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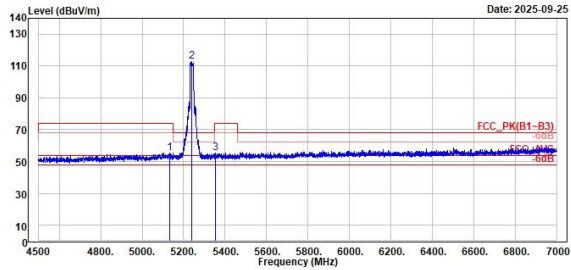
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1	5118.000	43.20	1.60	41.60	54.00	-10.80	244	323	Average	Vertical		
2	5200.000	100.59	58.63	41.96	54.00	46.59	244	323	Average	Vertical		
3	5443.500	43.51	1.16	42.35	54.00	-10.49	244	323	Average	Vertical		

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CH 48 (Horizontal) Peak



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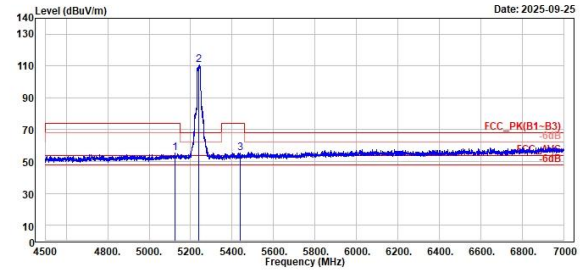


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5132.000	55.25	13.64	41.61	74.00	-18.75		351	48	Peak	Horizontal	
2 *	5240.000	113.03	71.29	41.74	68.20	44.83		351	48	Peak	Horizontal	
3	5355.000	55.16	13.24	41.92	74.00	-18.84		351	48	Peak	Horizontal	

CH 48 (Vertical) Peak



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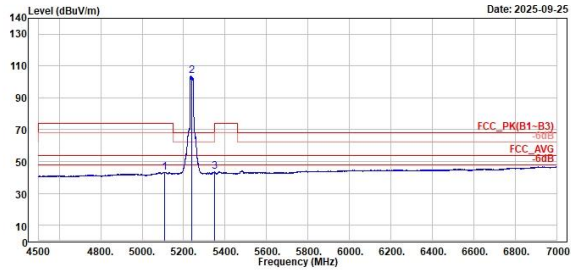
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1	5125.000	55.28	13.67	41.61	74.00	-18.72		370	292	Peak	Vertical	
2 *	5240.000	110.59	68.85	41.74	68.20	42.39		370	292	Peak	Vertical	
3	5437.500	55.45	13.06	42.39	74.00	-18.55		370	292	Peak	Vertical	

802.11a

CH 48 (Horizontal) Average



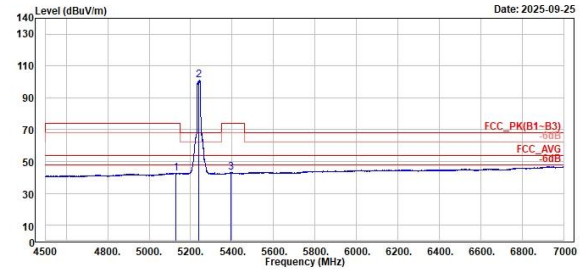
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5107.500	43.38	1.78	41.60	54.00	-10.62		351	48	Average	Horizontal	
2 *	5240.000	103.61	61.87	41.74	54.00	49.61		351	48	Average	Horizontal	
3	5350.500	43.53	1.67	41.86	54.00	-10.47		351	48	Average	Horizontal	



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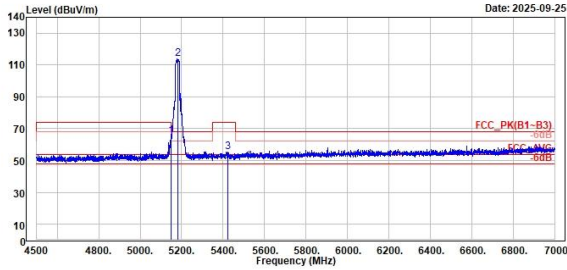
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1	5128.500	42.73	1.12	41.61	54.00	-11.27		370	292	Average	Vertical	
2 *	5240.000	100.97	59.23	41.74	54.00	46.97		370	292	Average	Vertical	
3	5393.500	43.00	0.51	42.49	54.00	-11.00		370	292	Average	Vertical	

802.11ac VHT20

CH 36 (Horizontal) Peak



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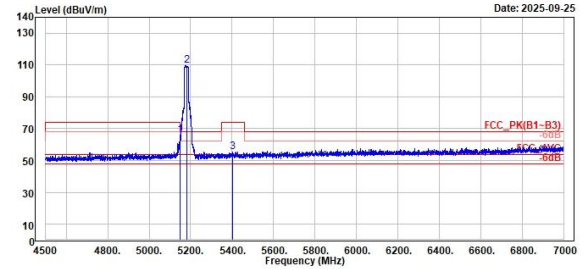


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5148.000	65.69	24.07	41.62	74.00	-8.31	321	33	Peak	Horizontal		
2	* 5180.000	114.08	72.26	41.82	68.20	45.88	321	33	Peak	Horizontal		
3	5421.500	55.45	12.98	42.47	74.00	-18.55	321	33	Peak	Horizontal		

CH 36 (Vertical) Peak



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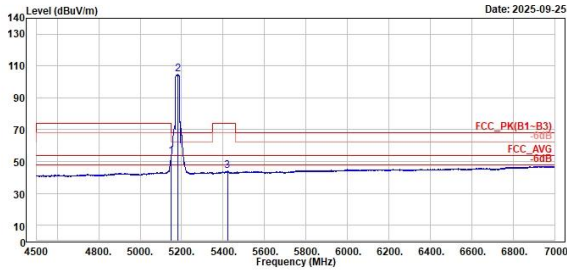
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1	5149.000	65.83	24.21	41.62	74.00	-8.17	384	290	Peak	Vertical		
2	* 5180.000	109.74	67.92	41.82	68.20	41.54	384	290	Peak	Vertical		
3	5403.000	55.62	13.06	42.56	74.00	-18.38	384	290	Peak	Vertical		

802.11ac VHT20

CH 36 (Horizontal) Average



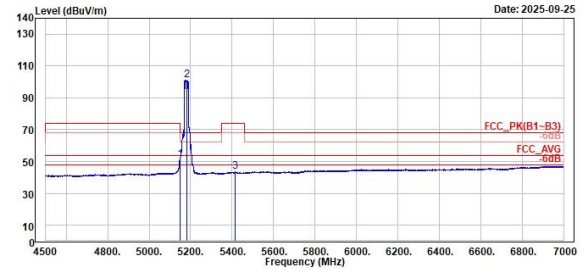
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5150.000	53.33	11.71	41.62	74.00	-20.67		321	33	Average	Horizontal	
2	* 5180.000	104.83	63.01	41.82	68.20	36.63		321	33	Average	Horizontal	
3	5421.000	43.95	1.48	42.47	74.00	-30.05		321	33	Average	Horizontal	



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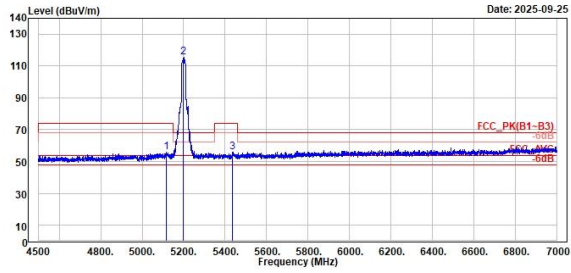
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1	5148.500	51.19	9.57	41.62	74.00	-22.81		384	290	Average	Vertical	
2	* 5180.000	101.24	59.42	41.82	68.20	33.04		384	290	Average	Vertical	
3	5414.500	43.62	1.12	42.50	74.00	-30.38		384	290	Average	Vertical	

802.11ac VHT20

CH 40 (Horizontal) Peak



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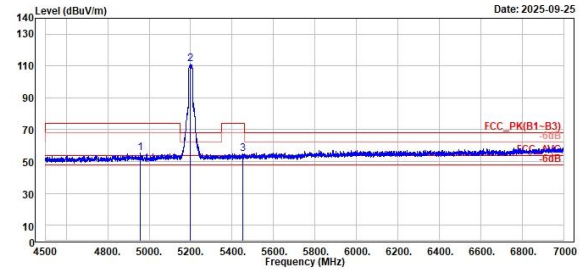


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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5115.000	55.70	14.10	41.60	74.00	-18.30	355	49	Peak	Horizontal		
2	5200.000	115.32	73.36	41.96	68.20	47.12	355	49	Peak	Horizontal		
3	5437.000	55.87	13.48	42.39	74.00	-18.13	355	49	Peak	Horizontal		

CH 40 (Vertical) Peak



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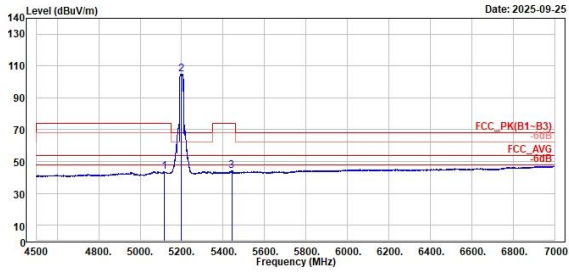
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1	4956.000	55.31	13.76	41.55	74.00	-18.69	355	292	Peak	Vertical		
2	5200.000	111.44	69.48	41.96	68.20	43.24	355	292	Peak	Vertical		
3	5452.500	54.91	12.58	42.33	74.00	-19.09	355	292	Peak	Vertical		

802.11ac VHT20

CH 40 (Horizontal) Average



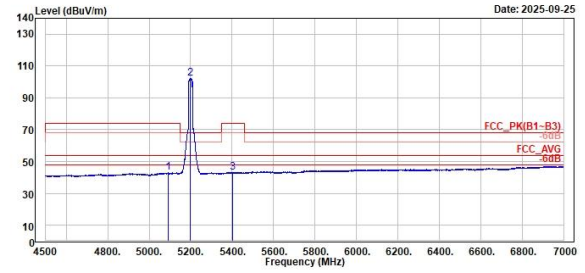
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5115.000	43.76	2.16	41.60	54.00	-10.24	355	49	Average	Horizontal		
2	5200.000	105.05	63.09	41.96	54.00	51.05	355	49	Average	Horizontal		
3	5441.500	44.12	1.76	42.36	54.00	-9.88	355	49	Average	Horizontal		



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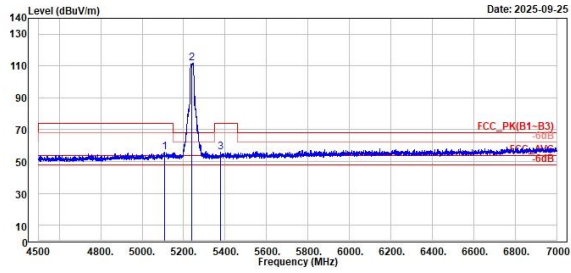
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5091.500	42.96	1.35	41.61	54.00	-11.04	355	292	Average	Vertical		
2	5200.000	102.29	60.33	41.96	54.00	48.29	355	292	Average	Vertical		
3	5403.000	43.26	0.70	42.56	54.00	-10.74	355	292	Average	Vertical		

802.11ac VHT20

CH 48 (Horizontal) Peak



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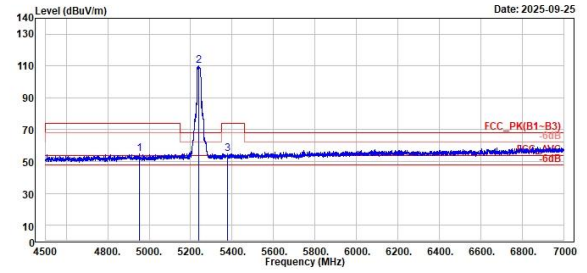


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5106.500	55.85	14.25	41.60	74.00	-18.15	350	347	Peak	Horizontal		
2 *	5240.000	111.90	70.16	41.74	68.20	43.70	350	347	Peak	Horizontal		
3	5376.500	55.82	13.58	42.24	74.00	-18.18	350	347	Peak	Horizontal		

CH 48 (Vertical) Peak



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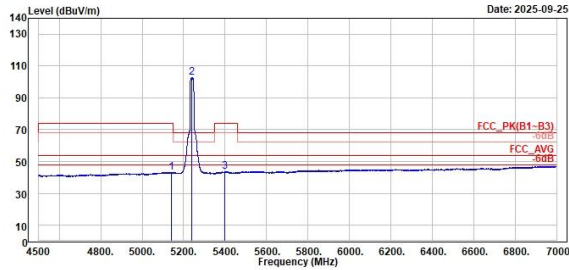
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1	4952.000	54.57	12.99	41.58	74.00	-19.43	376	242	Peak	Vertical		
2 *	5240.000	109.94	68.20	41.74	68.20	41.74	376	242	Peak	Vertical		
3	5376.500	55.05	12.81	42.24	74.00	-18.95	376	242	Peak	Vertical		

802.11ac VHT20

CH 48 (Horizontal) Average



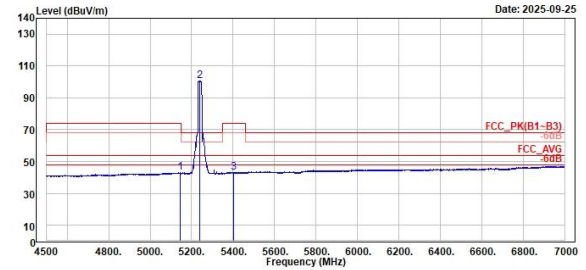
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5141.000	43.17	1.55	41.62	54.00	-10.83		350	347	Average	Horizontal	
2 *	5240.000	102.90	61.16	41.74	54.00	48.90		350	347	Average	Horizontal	
3	5397.500	43.71	1.16	42.55	54.00	-10.29		350	347	Average	Horizontal	



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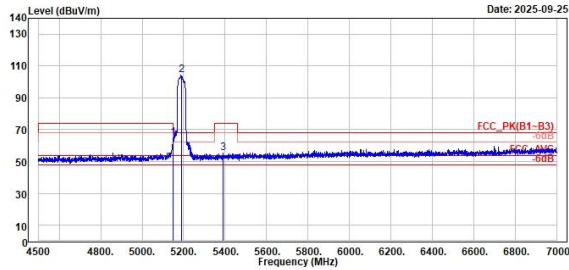
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5143.500	42.90	1.28	41.62	74.00	-31.10		376	242	Average	Vertical	
2 *	5240.000	100.43	58.69	41.74	68.20	32.23		376	242	Average	Vertical	
3	5403.000	43.28	0.72	42.56	74.00	-30.72		376	242	Average	Vertical	

802.11ac VHT40

CH 38 (Horizontal) Peak



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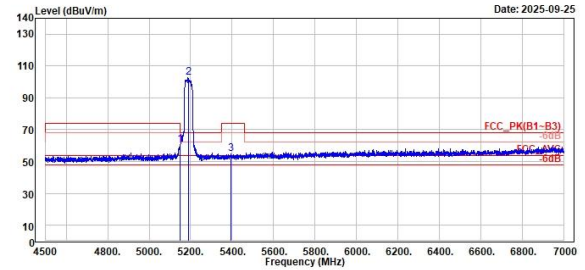


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5149.500	65.20	23.58	41.62	74.00	-8.80	196	307	Peak	Horizontal		
2	* 5190.000	104.17	62.28	41.89	68.20	35.97	196	307	Peak	Horizontal		
3	5388.500	55.49	13.08	42.41	74.00	-18.51	196	307	Peak	Horizontal		

CH 38 (Vertical) Peak



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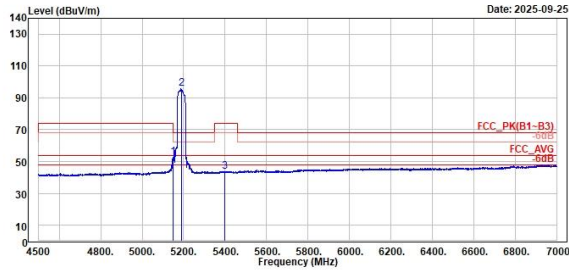
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5149.500	60.75	19.13	41.62	74.00	-13.25	277	305	Peak	Vertical		
2	* 5190.000	102.67	60.78	41.89	68.20	34.47	277	305	Peak	Vertical		
3	5394.000	54.62	12.12	42.50	74.00	-19.38	277	305	Peak	Vertical		

802.11ac VHT40

CH 38 (Horizontal) Average



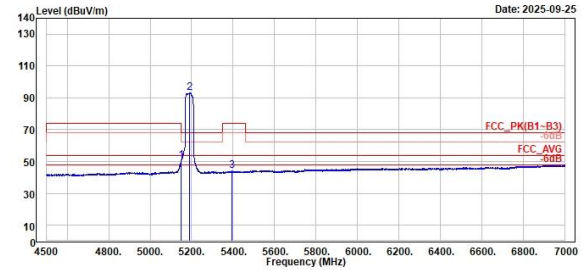
TÜV Rheinland Taiwan Ltd.
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5149.500	52.72	11.10	41.62	54.00	-1.28	196	307	Average	Horizontal		
2	5190.000	95.62	53.73	41.89	54.00	41.62	196	307	Average	Horizontal		
3	5398.500	43.84	1.28	42.56	54.00	-10.16	196	307	Average	Horizontal		



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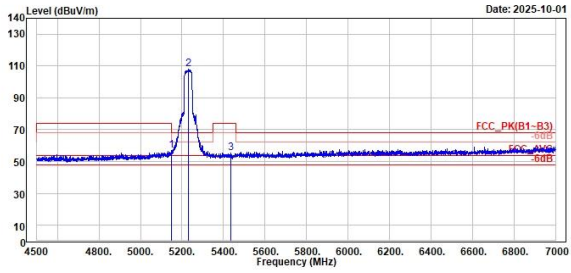
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5150.000	50.60	8.98	41.62	54.00	-3.40	277	305	Average	Vertical		
2	5190.000	93.06	51.17	41.89	54.00	39.06	277	305	Average	Vertical		
3	5395.000	44.11	1.60	42.51	54.00	-9.89	277	305	Average	Vertical		

802.11ac VHT40

CH 46 (Horizontal) Peak



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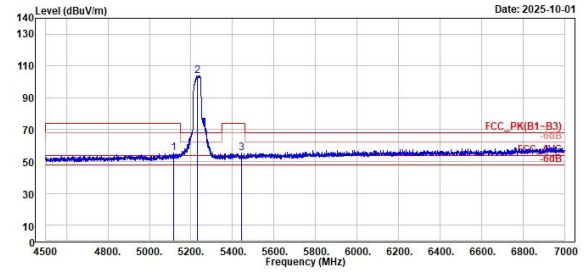


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5149.000	56.91	15.29	41.62	74.00	-17.09	116	69	Peak	Horizontal		
2 *	5230.000	107.82	66.03	41.79	68.20	39.62	116	69	Peak	Horizontal		
3	5437.000	55.62	13.23	42.39	74.00	-18.38	116	69	Peak	Horizontal		

CH 46 (Vertical) Peak



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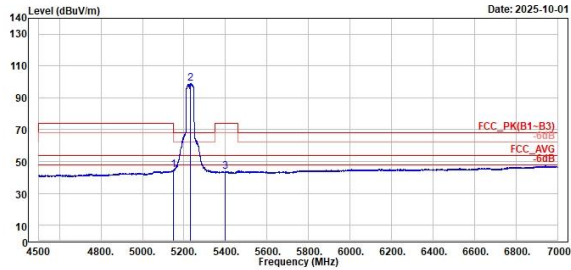
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5116.500	55.14	13.54	41.60	74.00	-18.86	349	295	Peak	Vertical		
2 *	5230.000	104.06	62.27	41.79	68.20	35.86	349	295	Peak	Vertical		
3	5442.000	55.27	12.91	42.36	74.00	-16.73	349	295	Peak	Vertical		

802.11ac VHT40

CH 46 (Horizontal) Average



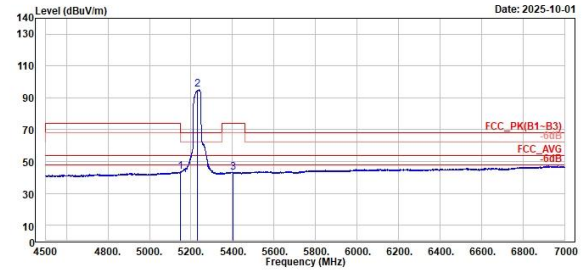
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5150.000	44.60	2.98	41.62	54.00	-9.40	116	69	Average	Horizontal		
2	5230.000	99.01	57.22	41.79	54.00	45.01	116	69	Average	Horizontal		
3	5399.500	43.79	1.22	42.57	54.00	-10.21	116	69	Average	Horizontal		



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	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	5149.500	43.73	2.11	41.62	54.00	-10.27	349	295	Average	Vertical		
2	5230.000	95.46	53.67	41.79	54.00	41.46	349	295	Average	Vertical		
3	5404.500	43.38	0.83	42.55	54.00	-10.62	349	295	Average	Vertical		

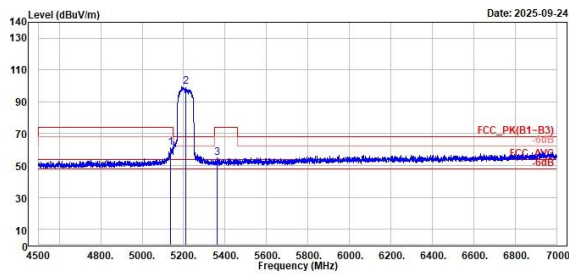
802.11ac VHT80

CH 42 (Horizontal) Peak

CH 42 (Vertical) Peak



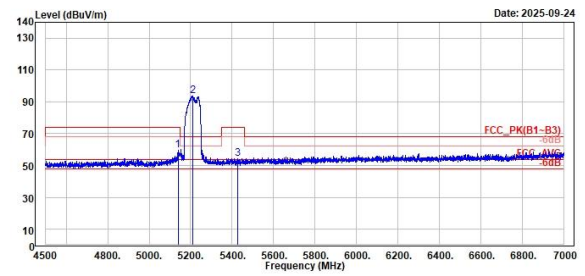
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	5138.500	61.10	19.48	41.62	74.00	-12.90	228	314	Peak	Horizontal		
2	5210.000	99.29	57.39	41.90	68.20	31.09	228	314	Peak	Horizontal		
3	5362.000	55.09	13.06	42.03	74.00	-18.91	228	314	Peak	Horizontal		



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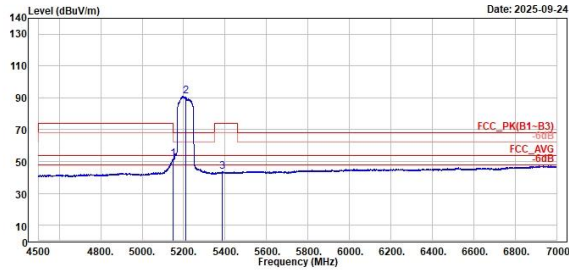
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	5139.000	59.45	17.83	41.62	74.00	-14.55	289	281	Peak	Vertical		
2	5210.000	93.70	51.80	41.90	68.20	25.50	289	281	Peak	Vertical		
3	5425.500	54.47	12.02	42.45	74.00	-19.53	289	281	Peak	Vertical		

802.11ac VHT80

CH 42 (Horizontal) Average



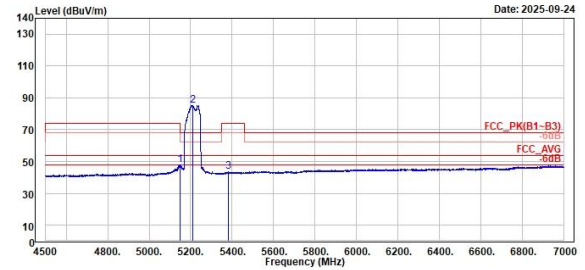
TÜV Rheinland Taiwan Ltd.
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5149.000	51.45	9.83	41.62	54.00	-2.55		228	314	Average	Horizontal	
2	5210.000	91.13	49.23	41.90	54.00	37.13		228	314	Average	Horizontal	
3	5385.000	43.62	1.26	42.36	54.00	-10.38		228	314	Average	Horizontal	



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	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	5147.500	48.11	6.49	41.62	54.00	-5.89		289	281	Average	Vertical	
2	5210.000	85.28	43.38	41.90	54.00	31.28		289	281	Average	Vertical	
3	5383.500	43.51	1.17	42.34	54.00	-10.49		289	281	Average	Vertical	

Mask, 4.5GHz ~ 7GHz

U-NII-3

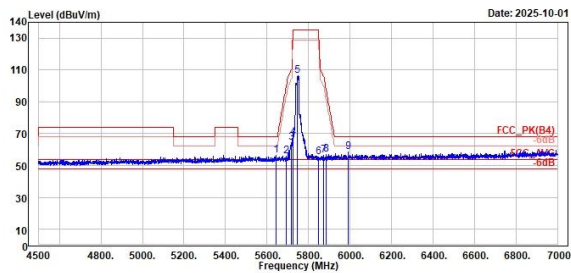
802.11a

CH 149 (Horizontal) Peak

CH 149 (Vertical) Peak



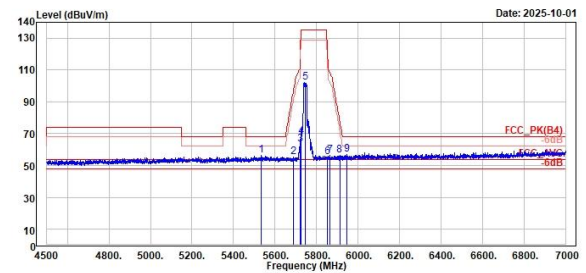
TÜV Rheinland Taiwan Ltd.
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level	Factor	Line	Limit				
			dBuV	dB/m	dBuV/m	dB	cm	deg		
1	5645.000	56.31	13.97	42.34	68.20	-11.89	353	355 Peak	Horizontal	
2	5692.000	55.86	13.49	42.37	99.30	-43.44	353	355 Peak	Horizontal	
3	5717.000	64.47	21.95	42.52	109.96	-45.49	353	355 Peak	Horizontal	
4	5725.000	67.54	24.95	42.59	135.00	-67.46	353	355 Peak	Horizontal	
5	5745.000	106.36	63.60	42.76	135.00	-28.64	353	355 Peak	Horizontal	
6	5800.000	55.14	12.37	42.77	135.00	-79.86	353	355 Peak	Horizontal	
7	5873.500	56.20	13.37	42.83	105.62	-49.42	353	355 Peak	Horizontal	
8	5883.500	56.98	14.12	42.86	98.89	-41.91	353	355 Peak	Horizontal	
9	5991.000	58.46	15.26	43.20	68.20	-9.74	353	355 Peak	Horizontal	



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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level	Factor	Line	Limit				
			dBuV	dB/m	dBuV/m	dB	cm	deg		
1	5533.000	56.62	14.18	42.44	68.20	-11.58	216	286 Peak	Vertical	
2	5687.000	55.11	12.75	42.36	95.61	-40.50	216	286 Peak	Vertical	
3	5720.000	63.36	20.82	42.54	110.00	-47.44	216	286 Peak	Vertical	
4	5724.500	68.09	25.50	42.59	132.58	-64.49	216	286 Peak	Vertical	
5	5745.000	101.98	59.22	42.76	135.00	-33.02	216	286 Peak	Vertical	
6	5853.000	55.49	12.71	42.70	120.48	-64.99	216	286 Peak	Vertical	
7	5865.500	56.18	13.37	42.81	107.86	-51.68	216	286 Peak	Vertical	
8	5911.500	56.19	13.29	42.90	78.16	-21.97	216	286 Peak	Vertical	
9	5948.000	56.87	13.94	42.93	68.20	-11.33	216	286 Peak	Vertical	

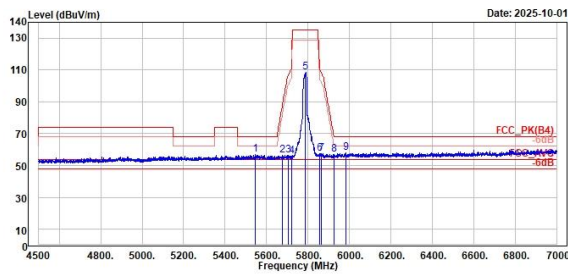
802.11a

CH 157 (Horizontal) Peak

CH 157 (Vertical) Peak



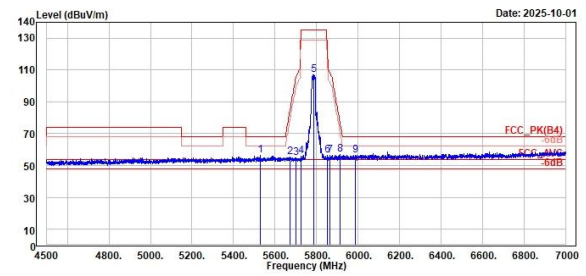
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	dB	cm	deg		
1	5546.000	56.99	14.60	42.39	68.20	-11.21	347	351 Peak	Horizontal	
2	5676.500	56.68	14.32	42.36	87.85	-31.17	347	351 Peak	Horizontal	
3	5706.000	56.32	13.90	42.42	106.88	-50.56	347	351 Peak	Horizontal	
4	5720.000	55.93	13.39	42.54	110.80	-54.87	347	351 Peak	Horizontal	
5	5785.000	100.67	65.92	42.75	135.00	-26.33	347	351 Peak	Horizontal	
6	5854.500	57.26	14.48	42.78	113.22	-55.96	347	351 Peak	Horizontal	
7	5865.500	57.52	14.71	42.81	107.86	-50.34	347	351 Peak	Horizontal	
8	5924.500	57.17	14.26	42.91	68.57	-11.40	347	351 Peak	Horizontal	
9	5983.000	57.84	14.69	43.15	68.20	-10.36	347	351 Peak	Horizontal	



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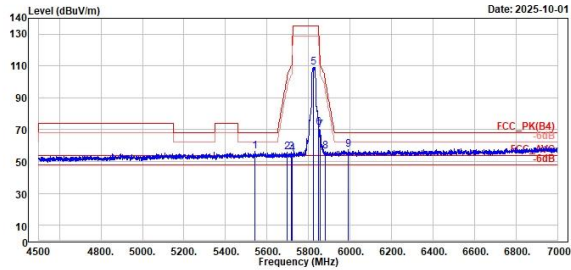
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	MHz	dBuV/m	Level Factor	Line	Limit	dB	cm	deg		
1	5529.000	56.42	13.98	42.44	68.20	-11.78	397	320 Peak	Vertical	
2	5673.000	55.36	13.01	42.35	85.26	-29.90	397	320 Peak	Vertical	
3	5700.000	54.73	12.36	42.37	105.20	-50.47	397	320 Peak	Vertical	
4	5725.000	56.02	13.43	42.59	135.00	-70.98	397	320 Peak	Vertical	
5	5785.000	107.04	64.29	42.75	135.00	-27.96	397	320 Peak	Vertical	
6	5852.000	56.41	13.64	42.77	125.32	-68.91	397	320 Peak	Vertical	
7	5864.500	56.40	13.60	42.80	108.14	-51.74	397	320 Peak	Vertical	
8	5915.000	56.86	13.95	42.91	75.57	-18.71	397	320 Peak	Vertical	
9	5987.500	56.58	13.41	43.17	68.20	-11.62	397	320 Peak	Vertical	

802.11a

CH 165 (Horizontal) Peak



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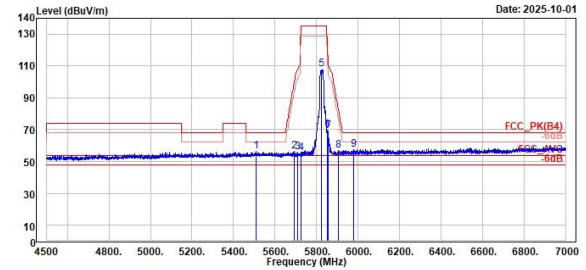


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5543.500	56.52	14.12	42.40	68.20	-11.68		386	328	Peak	Horizontal	
2	5695.500	56.14	13.77	42.37	101.88	-45.74		386	328	Peak	Horizontal	
3	5717.000	55.87	13.35	42.52	109.96	-54.09		386	328	Peak	Horizontal	
4	5722.000	54.88	12.32	42.56	120.48	-65.60		386	328	Peak	Horizontal	
5	5825.000	109.31	60.56	42.75	135.00	-25.69		386	328	Peak	Horizontal	
6	5850.000	71.12	28.35	42.77	135.00	-63.88		386	328	Peak	Horizontal	
7	5856.500	69.59	26.81	42.78	110.38	-40.79		386	328	Peak	Horizontal	
8	5879.000	56.16	13.32	42.84	102.23	-46.07		386	328	Peak	Horizontal	
9	5992.000	57.54	14.34	43.20	68.20	-10.66		386	328	Peak	Horizontal	

CH 165 (Vertical) Peak



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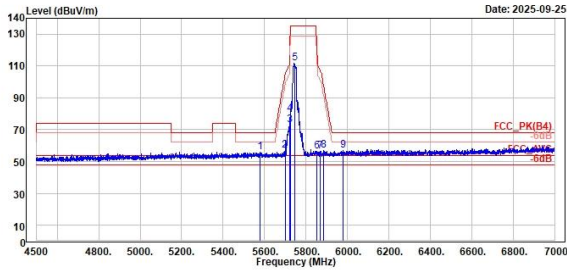
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5508.000	56.24	13.72	42.52	68.20	-11.96		388	319	Peak	Vertical	
2	5691.000	56.62	14.25	42.37	98.56	-41.94		388	319	Peak	Vertical	
3	5709.500	55.92	13.46	42.46	107.86	-51.94		388	319	Peak	Vertical	
4	5724.500	55.13	12.54	42.59	132.58	-77.45		388	319	Peak	Vertical	
5	5825.000	107.00	65.05	42.75	135.00	-27.20		388	319	Peak	Vertical	
6	5851.000	69.82	27.05	42.77	130.16	-60.34		388	319	Peak	Vertical	
7	5856.000	68.98	26.20	42.78	110.52	-41.54		388	319	Peak	Vertical	
8	5904.000	56.96	14.06	42.90	83.70	-26.74		388	319	Peak	Vertical	
9	5979.500	57.40	14.27	43.13	68.20	-10.80		388	319	Peak	Vertical	

802.11ac VHT20

CH 149 (Horizontal) Peak



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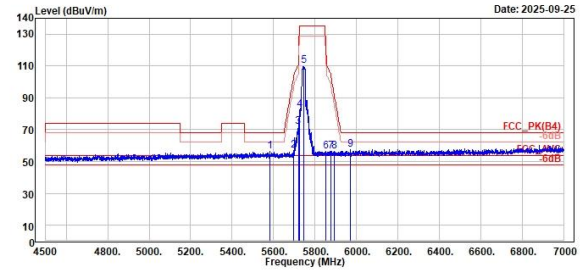


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5576.500	55.98	13.64	42.34	68.20	-12.22		358	359	Peak	Horizontal	
2	5699.000	57.07	14.70	42.37	104.46	-47.39		358	359	Peak	Horizontal	
3	5720.000	72.95	30.41	42.54	110.80	-37.85		358	359	Peak	Horizontal	
4	5723.500	80.03	37.45	42.58	127.74	-47.71		358	359	Peak	Horizontal	
5	5745.000	111.89	69.13	42.76	135.00	-23.11		358	359	Peak	Horizontal	
6	5853.500	56.48	13.70	42.78	118.06	-61.58		358	359	Peak	Horizontal	
7	5867.000	56.35	13.54	42.81	107.44	-51.09		358	359	Peak	Horizontal	
8	5885.000	56.94	14.08	42.86	97.77	-40.83		358	359	Peak	Horizontal	
9	5978.500	56.75	13.63	43.12	68.20	-11.45		358	359	Peak	Horizontal	

CH 149 (Vertical) Peak



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	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	5583.500	56.32	13.99	42.33	68.20	-11.88		296	305	Peak	Vertical	
2	5697.000	56.86	14.49	42.37	102.99	-46.13		296	305	Peak	Vertical	
3	5719.500	71.73	29.19	42.54	110.66	-38.93		296	305	Peak	Vertical	
4	5725.000	82.40	39.81	42.59	135.00	-52.60		296	305	Peak	Vertical	
5	5745.000	109.94	67.18	42.76	135.00	-25.06		296	305	Peak	Vertical	
6	5850.500	56.22	13.45	42.77	132.58	-76.36		296	305	Peak	Vertical	
7	5875.000	56.32	13.49	42.83	105.20	-48.88		296	305	Peak	Vertical	
8	5894.500	56.41	13.53	42.88	90.73	-34.32		296	305	Peak	Vertical	
9	5972.000	57.27	14.20	43.07	68.20	-10.93		296	305	Peak	Vertical	

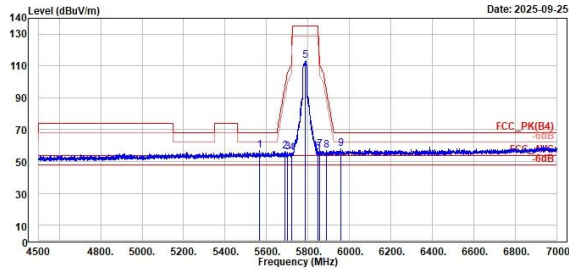
802.11ac VHT20

CH 157 (Horizontal) Peak

CH 157 (Vertical) Peak



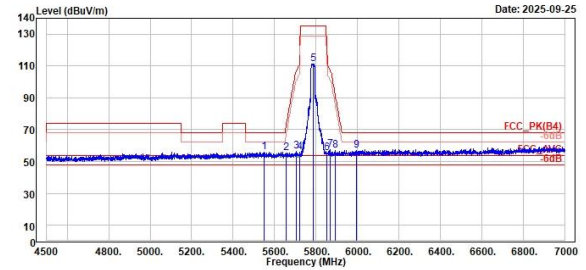
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5565.000	56.96	14.60	42.36	68.20	-11.24	289	333	Peak	Horizontal		
2	5689.500	56.53	14.17	42.36	97.46	-40.93	289	333	Peak	Horizontal		
3	5700.000	55.88	13.51	42.37	105.20	-49.32	289	333	Peak	Horizontal		
4	5723.000	55.57	13.00	42.57	125.32	-69.75	289	333	Peak	Horizontal		
5	5785.000	113.50	70.75	42.75	135.00	-21.50	289	333	Peak	Horizontal		
6	5850.000	55.91	13.14	42.77	135.00	-79.89	289	333	Peak	Horizontal		
7	5857.000	57.47	14.69	42.78	110.24	-52.77	289	333	Peak	Horizontal		
8	5888.000	57.15	14.28	42.87	95.55	-38.40	289	333	Peak	Horizontal		
9	5959.000	57.82	14.84	42.98	68.20	-10.38	289	333	Peak	Horizontal		



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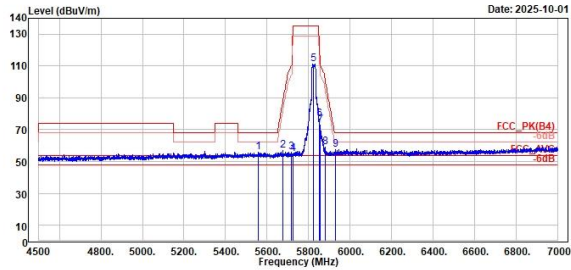
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5550.000	56.01	13.63	42.38	68.20	-12.19	318	309	Peak	Vertical		
2	5655.000	55.56	13.22	42.34	71.91	-16.35	318	309	Peak	Vertical		
3	5705.500	56.35	13.94	42.41	106.74	-50.39	318	309	Peak	Vertical		
4	5722.000	55.63	13.07	42.56	120.48	-64.85	318	309	Peak	Vertical		
5	5785.000	111.22	68.47	42.75	135.00	-23.78	318	309	Peak	Vertical		
6	5852.500	55.38	12.61	42.77	122.90	-67.52	318	309	Peak	Vertical		
7	5867.500	57.24	14.43	42.81	107.30	-50.06	318	309	Peak	Vertical		
8	5891.500	57.22	14.35	42.87	92.96	-35.74	318	309	Peak	Vertical		
9	5996.000	56.85	13.61	43.24	68.20	-11.35	318	309	Peak	Vertical		

802.11ac VHT20

CH 165 (Horizontal) Peak



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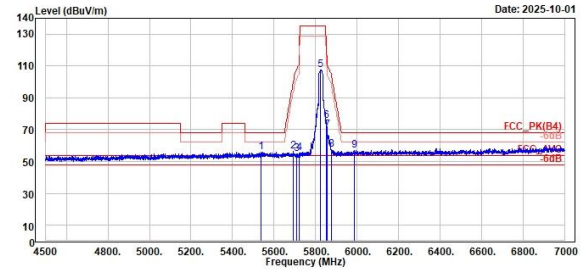


	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	cm	deg			
1	5559.500	55.77	13.41	42.36	68.20	-12.43	332	340 Peak	Horizontal	
2	5675.000	56.76	14.40	42.36	86.74	-29.98	332	340 Peak	Horizontal	
3	5717.000	55.77	13.25	42.52	109.96	-54.19	332	340 Peak	Horizontal	
4	5725.000	54.88	12.29	42.59	135.00	-80.12	332	340 Peak	Horizontal	
5	5825.000	111.46	60.71	42.75	135.00	-23.54	332	340 Peak	Horizontal	
6	5851.000	76.45	33.68	42.77	130.16	-53.71	332	340 Peak	Horizontal	
7	5856.000	72.93	30.15	42.78	110.52	-37.59	332	340 Peak	Horizontal	
8	5879.500	58.84	16.00	42.84	101.86	-43.02	332	340 Peak	Horizontal	
9	5928.500	57.67	14.76	42.91	68.20	-10.53	332	340 Peak	Horizontal	

CH 165 (Vertical) Peak



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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	cm	deg			
1	5538.500	55.72	13.30	42.42	68.20	-12.48	331	307 Peak	Vertical	
2	5694.000	56.23	13.86	42.37	100.78	-44.55	331	307 Peak	Vertical	
3	5711.000	55.00	12.53	42.47	108.28	-53.28	331	307 Peak	Vertical	
4	5722.500	55.13	12.56	42.57	122.90	-67.77	331	307 Peak	Vertical	
5	5825.000	107.69	64.94	42.75	135.00	-27.31	331	307 Peak	Vertical	
6	5851.500	75.85	33.08	42.77	127.74	-51.89	331	307 Peak	Vertical	
7	5855.000	69.76	26.98	42.78	110.80	-41.04	331	307 Peak	Vertical	
8	5875.000	57.65	14.82	42.83	105.20	-47.55	331	307 Peak	Vertical	
9	5986.500	57.00	13.83	43.17	68.20	-11.20	331	307 Peak	Vertical	

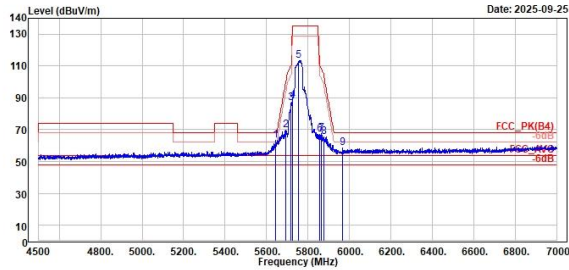
802.11ac VHT40

CH 151 (Horizontal) Peak

CH 151 (Vertical) Peak



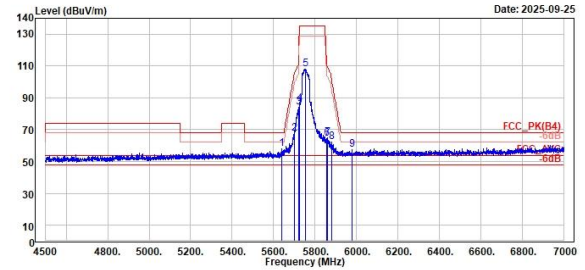
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5644.500	63.37	21.03	42.34	68.20	-4.83	354	353	Peak	Horizontal		
2	5694.500	69.67	27.30	42.37	101.15	-31.48	354	353	Peak	Horizontal		
3	5719.000	86.55	44.02	42.53	110.52	-23.97	354	353	Peak	Horizontal		
4	5724.500	88.49	45.90	42.59	132.58	-44.09	354	353	Peak	Horizontal		
5	5755.000	113.36	70.56	42.80	135.00	-21.64	354	353	Peak	Horizontal		
6	5854.500	67.18	24.40	42.78	113.22	-46.04	354	353	Peak	Horizontal		
7	5865.000	67.82	25.02	42.80	108.00	-40.18	354	353	Peak	Horizontal		
8	5877.000	65.61	22.78	42.83	103.71	-38.10	354	353	Peak	Horizontal		
9	5968.500	58.39	15.34	43.05	68.20	-9.81	354	353	Peak	Horizontal		



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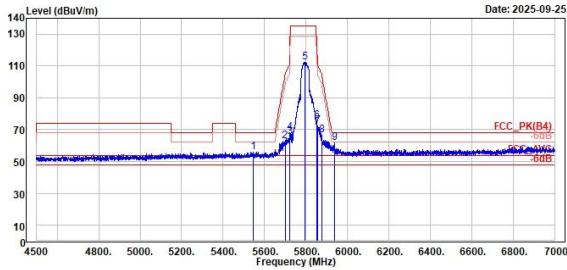
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5640.000	57.92	15.59	42.33	68.20	-10.28	381	351	Peak	Vertical		
2	5700.000	67.56	25.19	42.37	105.20	-37.64	381	351	Peak	Vertical		
3	5720.000	83.89	41.35	42.54	110.00	-26.91	381	351	Peak	Vertical		
4	5725.000	86.09	43.50	42.59	135.00	-48.91	381	351	Peak	Vertical		
5	5755.000	100.30	65.50	42.80	135.00	-26.70	381	351	Peak	Vertical		
6	5854.500	64.48	21.70	42.78	113.22	-48.74	381	351	Peak	Vertical		
7	5860.500	64.84	22.05	42.79	109.26	-44.42	381	351	Peak	Vertical		
8	5881.000	62.43	19.58	42.85	100.74	-38.31	381	351	Peak	Vertical		
9	5979.000	57.32	14.20	43.12	68.20	-10.88	381	351	Peak	Vertical		

802.11ac VHT40

CH 159 (Horizontal) Peak



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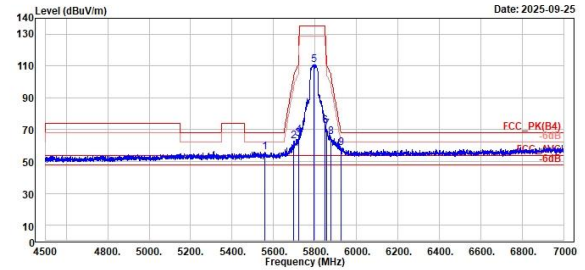


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	5547.500	55.70	13.32	42.38	68.20	-12.50	348	351	Peak	Horizontal		
2	5699.000	63.00	20.63	42.37	104.46	-41.46	348	351	Peak	Horizontal		
3	5720.000	65.70	23.16	42.54	110.80	-45.10	348	351	Peak	Horizontal		
4	5722.500	67.87	25.30	42.57	122.90	-55.03	348	351	Peak	Horizontal		
5	5795.000	112.37	69.63	42.74	135.00	-22.63	348	351	Peak	Horizontal		
6	5850.500	75.47	32.70	42.77	132.58	-57.11	348	351	Peak	Horizontal		
7	5855.500	72.23	29.45	42.78	110.66	-38.43	348	351	Peak	Horizontal		
8	5876.000	66.52	23.69	42.83	104.46	-37.94	348	351	Peak	Horizontal		
9	5936.500	61.79	18.87	42.92	68.20	-6.41	348	351	Peak	Horizontal		

CH 159 (Vertical) Peak



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	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	5559.500	56.07	13.71	42.36	68.20	-12.13	304	305	Peak	Vertical		
2	5697.500	62.56	20.19	42.37	103.36	-40.80	304	305	Peak	Vertical		
3	5719.500	64.65	22.11	42.54	110.66	-46.01	304	305	Peak	Vertical		
4	5723.000	66.28	23.71	42.57	125.32	-59.04	304	305	Peak	Vertical		
5	5795.000	110.77	68.03	42.74	135.00	-24.23	304	305	Peak	Vertical		
6	5850.000	72.16	29.39	42.77	135.00	-62.84	304	305	Peak	Vertical		
7	5858.000	70.50	27.71	42.79	109.96	-39.46	304	305	Peak	Vertical		
8	5876.000	65.54	22.71	42.83	104.46	-38.92	304	305	Peak	Vertical		
9	5927.500	58.59	15.68	42.91	68.20	-9.61	304	305	Peak	Vertical		

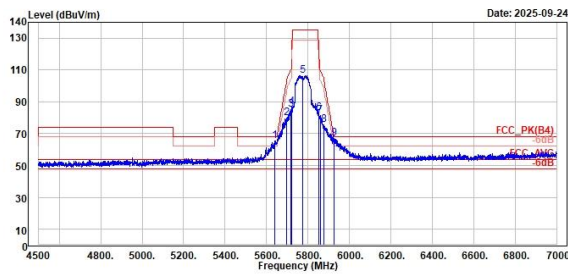
802.11ac VHT80

CH 155 (Horizontal) Peak

CH 155 (Vertical) Peak



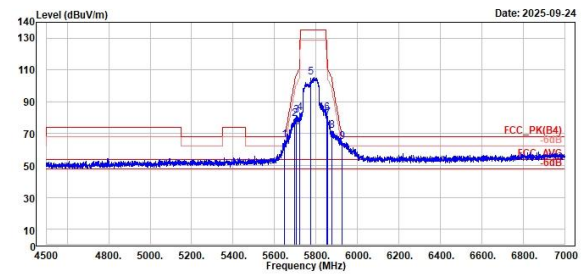
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	cm	deg			
1	5641.500	65.63	23.30	42.33	68.20	-2.57	190	3 Peak	Horizontal	
2	5698.000	79.79	37.42	42.37	103.73	-23.94	190	3 Peak	Horizontal	
3	5718.500	85.41	42.88	42.53	110.38	-24.97	190	3 Peak	Horizontal	
4	5723.000	86.76	44.19	42.57	125.32	-38.56	190	3 Peak	Horizontal	
5	5775.000	106.47	63.70	42.77	135.00	-28.53	190	3 Peak	Horizontal	
6	5852.500	83.21	40.44	42.77	122.90	-39.69	190	3 Peak	Horizontal	
7	5858.500	81.58	38.79	42.79	109.82	-28.24	190	3 Peak	Horizontal	
8	5877.500	75.73	32.90	42.83	103.34	-27.61	190	3 Peak	Horizontal	
9	5926.500	66.97	24.06	42.91	68.20	-1.23	190	3 Peak	Horizontal	



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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	cm	deg			
1	5649.500	65.86	23.52	42.34	68.20	-2.34	312	294 Peak	Vertical	
2	5695.000	79.43	37.06	42.37	101.51	-22.08	312	294 Peak	Vertical	
3	5704.500	81.32	38.91	42.41	106.46	-25.14	312	294 Peak	Vertical	
4	5722.500	82.90	40.33	42.57	122.90	-40.00	312	294 Peak	Vertical	
5	5775.000	105.42	62.65	42.77	135.00	-29.58	312	294 Peak	Vertical	
6	5850.500	82.81	40.04	42.77	132.58	-49.77	312	294 Peak	Vertical	
7	5855.000	80.07	37.29	42.78	110.80	-30.73	312	294 Peak	Vertical	
8	5876.000	72.07	29.24	42.83	104.46	-32.39	312	294 Peak	Vertical	
9	5927.500	65.17	22.26	42.91	68.20	-3.03	312	294 Peak	Vertical	

Spurious Emissions, Tx Mode, 9kHz ~30MHz

U-NII-1

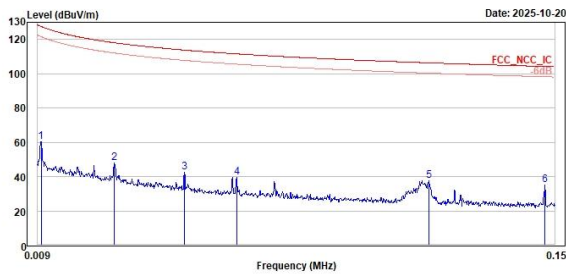
802.11ac VHT80

CH 155(Open) (9kHz ~ 150kHz)

CH 155(Open) (150kHz ~ 30MHz)



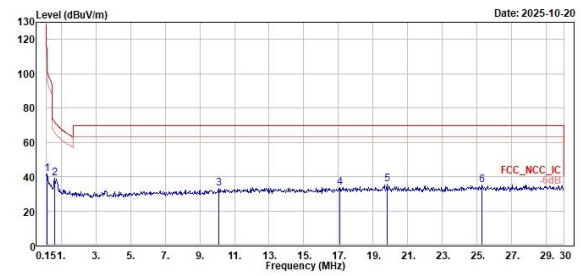
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	0.010	60.54	42.42	18.12	127.60	-67.06	100	10	Peak	Open		
2	0.030	47.92	27.90	20.02	118.05	-70.13	100	228	Peak	Open		
3	0.049	42.65	23.63	19.02	113.78	-71.13	100	175	Peak	Open		
4	0.063	39.77	21.65	18.12	111.57	-71.80	100	321	Peak	Open		
5	0.116	37.63	19.51	18.12	106.34	-68.71	100	124	Peak	Open		
6	0.147	34.91	16.60	18.31	104.23	-69.32	100	184	Peak	Open		



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	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	0.210	41.66	23.03	18.63	101.17	-59.51	100	120	Peak	Open		
2	0.628	38.87	20.11	18.76	71.65	-32.78	100	146	Peak	Open		
3	10.090	33.31	11.95	21.36	69.50	-36.19	100	101	Peak	Open		
4	17.075	33.68	11.32	22.36	69.50	-35.82	100	99	Peak	Open		
5	19.791	35.58	12.72	22.86	69.50	-33.92	100	110	Peak	Open		
6	25.284	35.25	12.06	23.19	69.50	-34.25	100	128	Peak	Open		

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz
U-NII-1

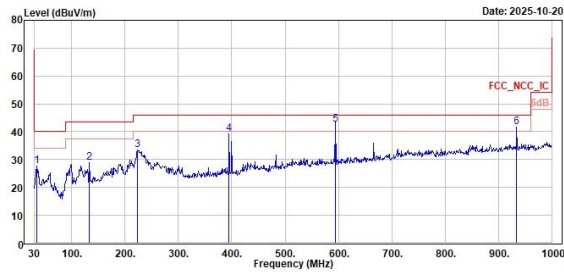
802.11ac VHT80

CH 155 (Horizontal)

CH 155 (Vertical)



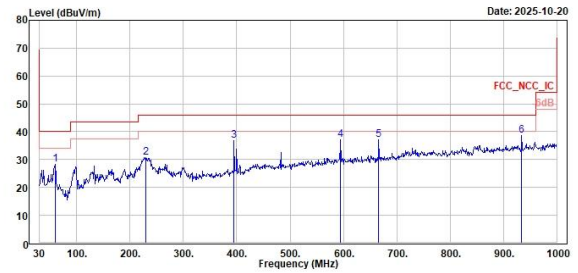
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	33.880	27.71	35.13	-7.42	40.00	-12.29		100	224	Peak	Horizontal	
2	132.820	28.99	36.27	-7.28	43.50	-14.51		159	360	Peak	Horizontal	
3	223.030	33.37	41.22	-7.85	46.00	-12.63		100	170	Peak	Horizontal	
4	394.720	39.18	41.83	-2.65	46.00	-6.82		100	66	Peak	Horizontal	
5	594.540	42.48	41.14	1.34	46.00	-3.52		152	360	QP	Horizontal	
6	934.040	41.55	35.06	6.49	46.00	-4.45		100	127	Peak	Horizontal	



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	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	59.100	28.31	34.44	-6.13	40.00	-11.69		142	360	Peak	Vertical	
2	229.820	30.82	37.86	-7.04	46.00	-15.18		200	136	Peak	Vertical	
3	394.720	36.75	39.40	-2.65	46.00	-9.25		100	156	Peak	Vertical	
4	594.540	36.96	35.62	1.34	46.00	-9.04		100	233	Peak	Vertical	
5	666.320	37.04	34.72	2.32	46.00	-8.96		100	360	Peak	Vertical	
6	934.040	38.62	32.13	6.49	46.00	-7.38		100	118	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 40GHz

U-NII-1

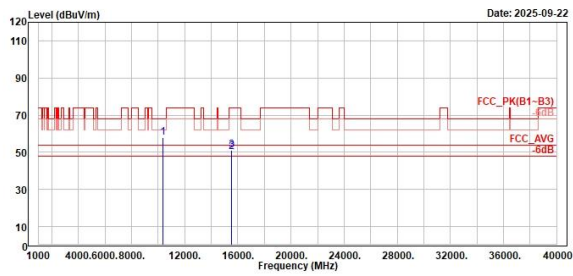
802.11a

CH 36 (Horizontal)

CH 36 (Vertical)



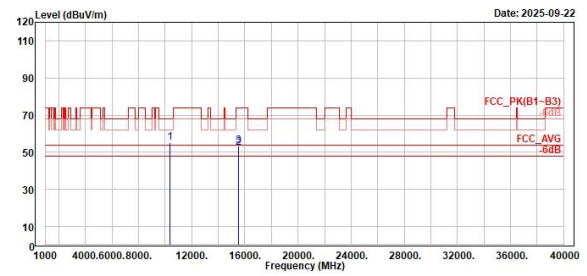
TÜV Rheinland Taiwan Ltd.
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1 10360.000	57.76	63.58	-5.82	68.20	-10.44	100	101	Peak	Horizontal		
2 15540.000	50.40	49.05	1.35	54.00	-3.60	104	160	Average	Horizontal		
3 15540.000	51.18	49.83	1.35	74.00	-22.82	104	160	Peak	Horizontal		



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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 10360.000	55.31	61.13	-5.82	68.20	-12.89	100	302	Peak	Vertical		
2 15540.000	52.62	51.27	1.35	54.00	-1.38	106	64	Average	Vertical		
3 15540.000	53.30	51.95	1.35	74.00	-20.70	106	64	Peak	Vertical		

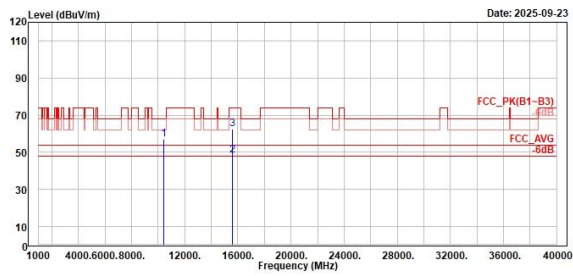
802.11a

CH 40 (Horizontal)

CH 40 (Vertical)



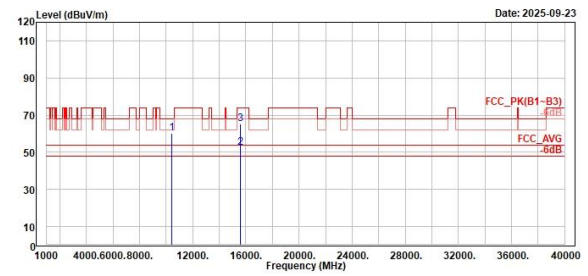
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1 10400.000	57.03	62.73	-5.70	68.20	-11.17	212	74 Peak	Horizontal	
2 115600.000	48.27	46.95	1.32	54.00	-5.73	194	279 Average	Horizontal	
3 15600.000	62.47	61.15	1.32	74.00	-11.53	194	279 Peak	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 10400.000	60.13	65.83	-5.70	68.20	-8.07	201	288 Peak	Vertical	
2 115600.000	52.60	51.28	1.32	54.00	-1.40	182	269 Average	Vertical	
3 15600.000	65.21	63.89	1.32	74.00	-8.79	182	269 Peak	Vertical	