

PCB Antenna
Band Edges, 2.31GHz ~ 2.9GHz

802.11b

Low Channel (Horizontal) Peak

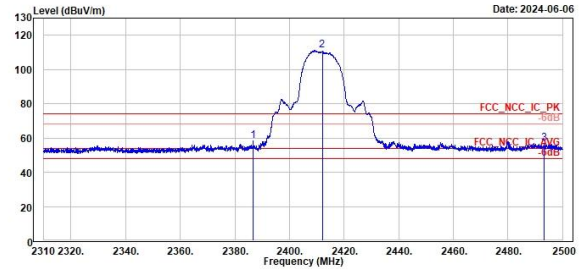
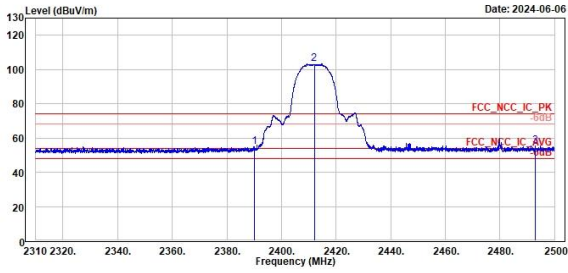
Low Channel (Vertical) Peak



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1	2	3	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
2389.99	54.79	16.73	38.06	74.00	-19.21	210	199	Peak	Horizontal		
2412.00	103.22	65.07	38.15	74.00	29.22	210	199	Peak	Horizontal		
2492.83	55.48	17.17	38.31	74.00	-18.52	210	199	Peak	Horizontal		

1	2	3	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
2386.62	58.11	20.07	38.04	74.00	-15.89	104	189	Peak	Vertical		
2412.00	111.17	73.02	38.15	74.00	37.17	104	189	Peak	Vertical		
2493.16	57.00	18.69	38.31	74.00	-17.00	104	189	Peak	Vertical		

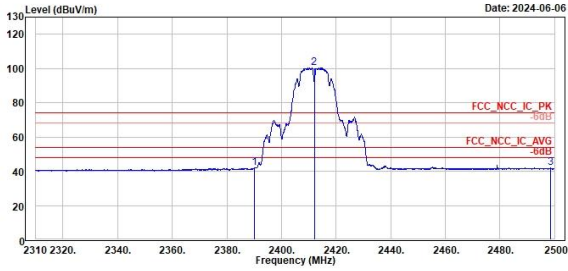
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Low Channel (Horizontal) Average

Low Channel (Vertical) Average



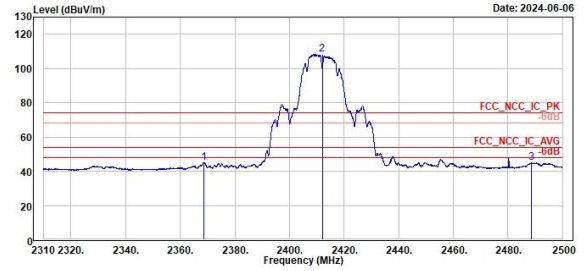
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1	2	3							
MHz	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2389.99	41.80	3.74	38.06	54.00	-12.20	210	199 Average	Horizontal	
2412.00	100.27	62.12	38.15	54.00	46.27	210	199 Average	Horizontal	
2498.43	41.92	3.61	38.31	54.00	-12.08	210	199 Average	Horizontal	



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1	2	3							
MHz	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2368.76	45.22	7.23	37.99	54.00	-8.78	104	189 Average	Vertical	
2412.00	108.09	69.94	38.15	54.00	54.09	104	189 Average	Vertical	
2488.60	44.85	6.53	38.32	54.00	-9.15	104	189 Average	Vertical	

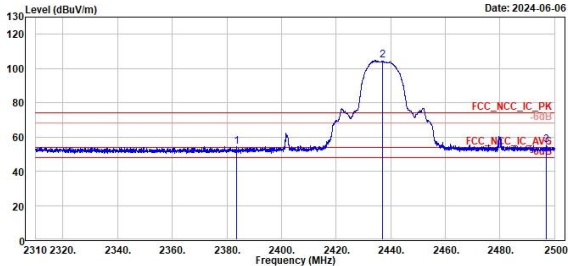
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Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



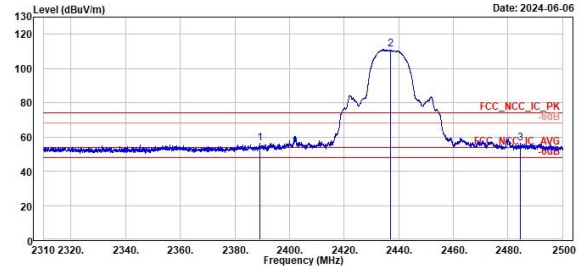
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1	2	3	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg					
1	2383.48	54.61	16.57	38.04	74.00	-19.39	304	64	Peak	Horizontal		
2	2437.00	104.77	66.49	38.28	74.00	30.77	304	64	Peak	Horizontal		
3	2496.87	55.15	16.83	38.32	74.00	-18.85	304	64	Peak	Horizontal		



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1	2	3	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg					
1	2389.09	56.57	18.51	38.06	74.00	-17.43	100	40	Peak	Vertical		
2	2437.00	111.29	73.01	38.28	74.00	37.29	100	40	Peak	Vertical		
3	2484.47	56.55	18.23	38.32	74.00	-17.45	100	40	Peak	Vertical		

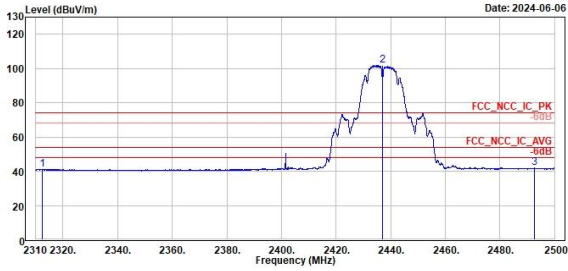
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Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



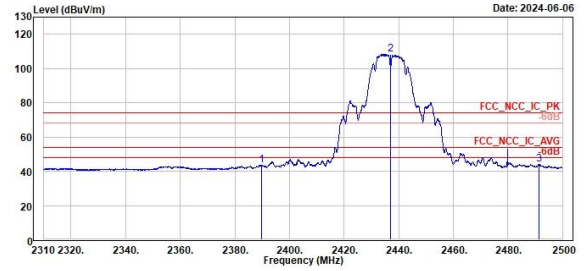
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1	2	3							
MHz	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
2312.33	41.25	3.52	37.73	54.00	-12.75	304	64 Average	Horizontal	
2437.00	101.70	63.42	38.28	54.00	47.70	304	64 Average	Horizontal	
2492.50	41.81	3.49	38.32	54.00	-12.19	304	64 Average	Horizontal	



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1	2	3							
MHz	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
2389.00	43.51	5.45	38.06	54.00	-10.49	100	40 Average	Vertical	
2437.00	108.23	69.95	38.28	54.00	54.23	100	40 Average	Vertical	
2491.26	44.04	5.72	38.32	54.00	-9.96	100	40 Average	Vertical	

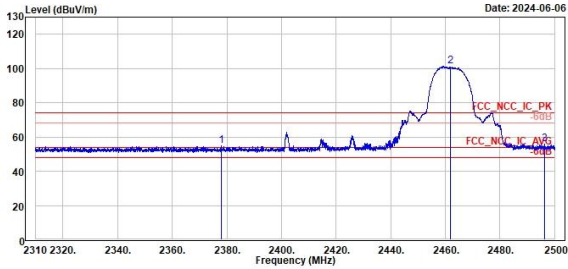
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High Channel (Horizontal) Peak

High Channel (Vertical) Peak



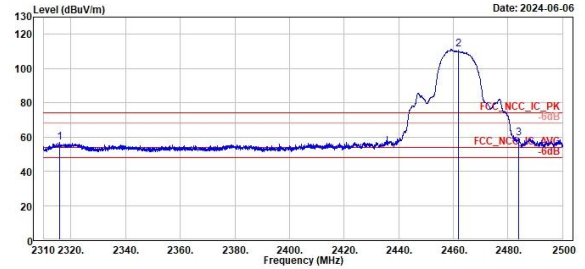
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Peak	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2377.93	54.66	16.64	38.02	74.00	-19.34	106		53 Peak	Horizontal	
2 *	2462.00	101.32	62.98	38.34	74.00	27.32	106		53 Peak	Horizontal	
3	2496.25	56.04	17.72	38.32	74.00	-17.96	106		53 Peak	Horizontal	



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Peak	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	2315.75	56.76	19.01	37.75	74.00	-17.24	100		190 Peak	Vertical	
2 *	2462.00	111.13	72.79	38.34	74.00	37.13	100		190 Peak	Vertical	
3	2483.99	59.29	20.97	38.32	74.00	-14.71	100		190 Peak	Vertical	

802.11b

High Channel (Horizontal) Average

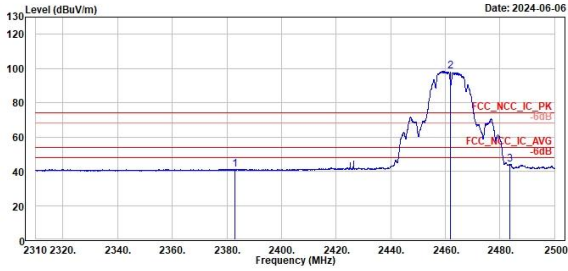
High Channel (Vertical) Average



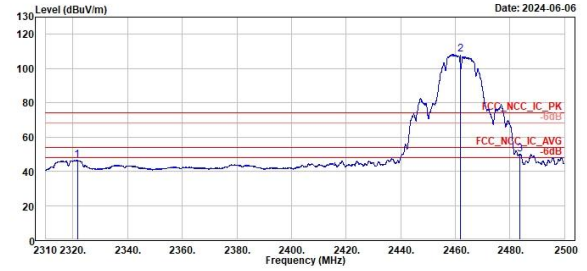
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1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2383.06	41.10	3.06	38.04	54.00	-12.90	106	53 Average	Horizontal	
2462.00	98.27	59.93	38.34	54.00	44.27	106	53 Average	Horizontal	
2483.71	44.05	5.73	38.32	54.00	-9.95	106	53 Average	Horizontal	



1	2	3							
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2321.59	46.49	8.70	37.79	54.00	-7.51	100	190 Average	Vertical	
2462.00	108.10	69.76	38.34	54.00	54.10	100	190 Average	Vertical	
2483.50	49.89	11.57	38.32	54.00	-4.11	100	190 Average	Vertical	

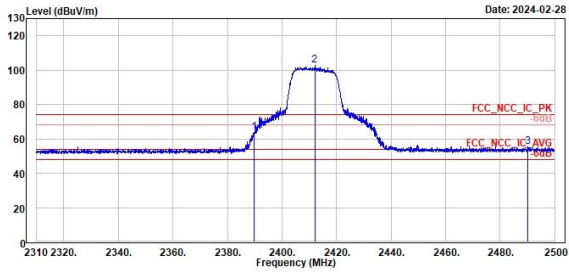
802.11g

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



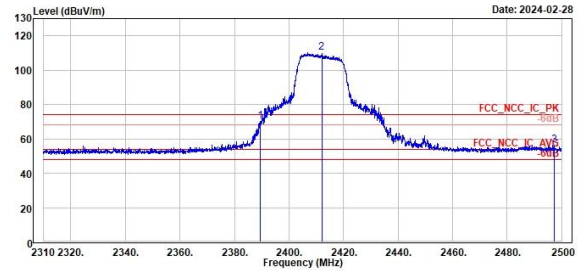
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1	2	3	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.93	63.84	25.78	38.06	74.00	-10.16	114	298	Peak	Horizontal	
2	2412.00	102.99	64.84	38.15	74.00	28.99	114	298	Peak	Horizontal	
3	2489.99	55.29	16.97	38.32	74.00	-18.71	114	298	Peak	Horizontal	



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1	2	3	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.55	70.19	32.13	38.06	74.00	-3.81	108	205	Peak	Vertical	
2	2412.00	110.04	71.89	38.15	74.00	36.04	108	205	Peak	Vertical	
3	2497.15	56.59	18.27	38.32	74.00	-17.41	108	205	Peak	Vertical	

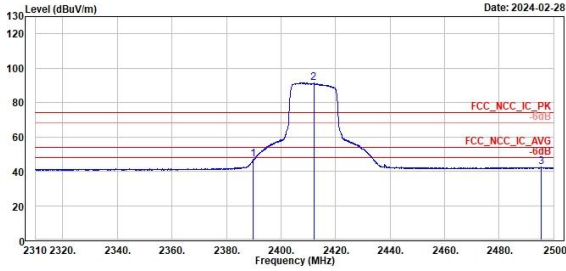
802.11g

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



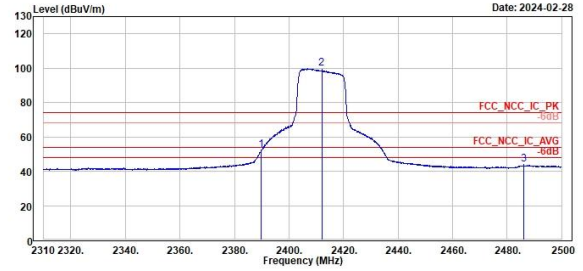
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.93	46.82	8.76	38.06	54.00	-7.18	114	298 Average	Horizontal	
2	2412.00	91.50	53.35	38.15	54.00	37.50	114	298 Average	Horizontal	
3	2495.38	42.30	3.99	38.31	54.00	-11.70	114	298 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	cm	deg			
1	2389.80	52.28	14.22	38.06	54.00	-1.72	108	205 Average	Vertical	
2	2412.00	99.64	61.49	38.15	54.00	45.64	108	205 Average	Vertical	
3	2486.07	43.76	5.44	38.32	54.00	-10.24	108	205 Average	Vertical	

802.11g

Middle Channel (Horizontal) Peak

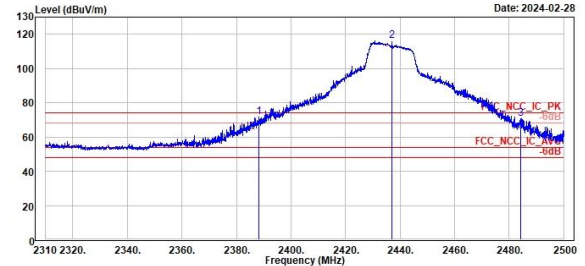
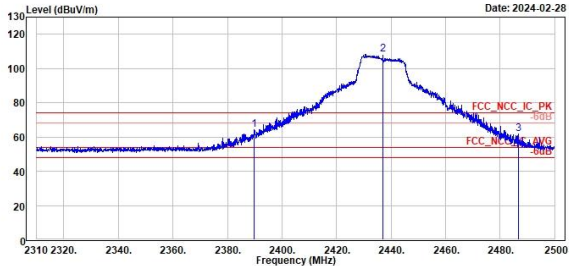
Middle Channel (Vertical) Peak



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Peak	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	2389.86	64.37	26.31	38.06	74.00	-9.63	119	299	Peak	Horizontal	
2	2437.00	108.10	69.82	38.28	74.00	34.10	119	299	Peak	Horizontal	
3	2486.57	61.64	23.32	38.32	74.00	-12.36	119	299	Peak	Horizontal	

Peak	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	2388.34	71.49	33.43	38.06	74.00	-2.51	140	292	Peak	Vertical	
2	2437.00	116.24	77.96	38.28	74.00	42.24	140	292	Peak	Vertical	
3	2484.23	70.52	32.20	38.32	74.00	-3.48	140	292	Peak	Vertical	

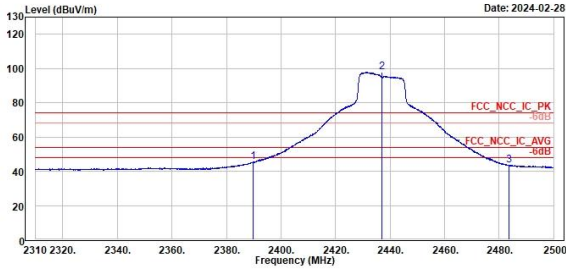
802.11g

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



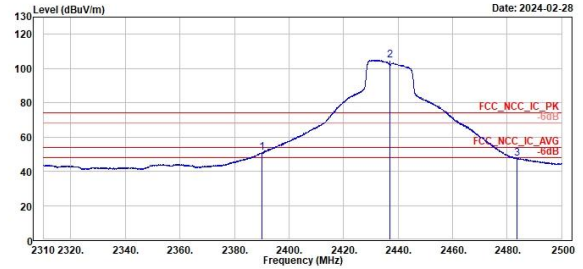
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Freq	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.74	45.45	7.39	38.06	54.00	-8.55	119	299 Average	Horizontal
2	2437.00	97.69	59.41	38.28	54.00	43.69	119	299 Average	Horizontal
3	2483.66	43.61	5.29	38.32	54.00	-10.39	119	299 Average	Horizontal



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Freq	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.99	50.81	12.75	38.06	54.00	-3.19	140	292 Average	Vertical
2	2437.00	104.81	66.53	38.28	54.00	50.81	140	292 Average	Vertical
3	2483.53	47.65	9.33	38.32	54.00	-6.35	140	292 Average	Vertical

802.11g

High Channel (Horizontal) Peak

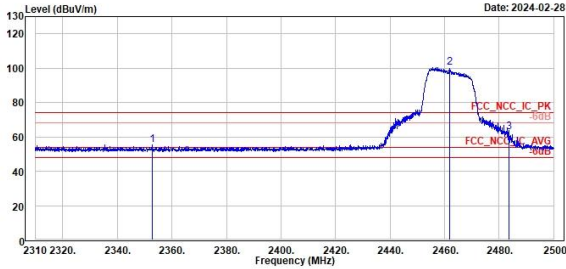
High Channel (Vertical) Peak



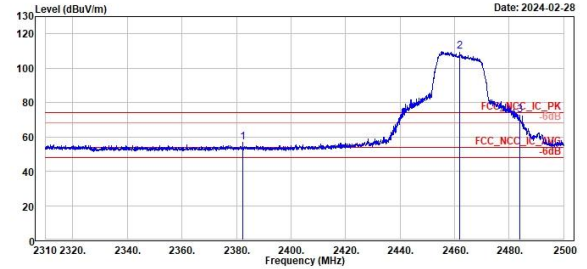
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Peak	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2352.75	55.56	17.62	37.94	74.00	-18.44	111	296	Peak	Horizontal	
2 *	2462.00	100.30	61.96	38.34	74.00	26.30	111	296	Peak	Horizontal	
3	2483.66	62.79	24.47	38.32	74.00	-11.21	111	296	Peak	Horizontal	



Peak	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	2382.26	56.62	18.59	38.03	74.00	-17.38	100	205	Peak	Vertical	
2 *	2462.00	109.67	71.33	38.34	74.00	35.67	100	205	Peak	Vertical	
3 !	2483.85	72.58	34.26	38.32	74.00	-1.42	100	205	Peak	Vertical	

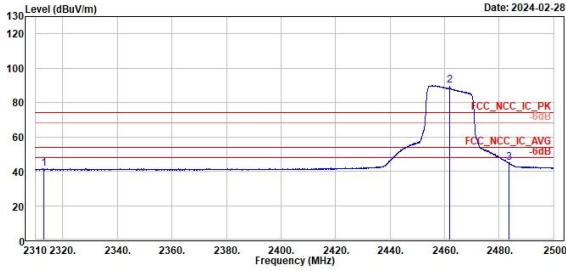
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High Channel (Horizontal) Average

High Channel (Vertical) Average



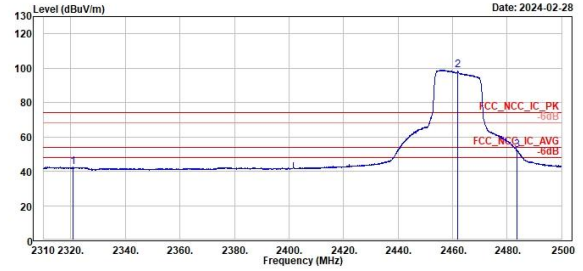
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1	2	3
Level	Level	Level
Factor	Factor	Factor
Line	Line	Line
Limit	Limit	Limit
Over	Over	Over
Limit	Limit	Limit
APos	APos	APos
TPos	TPos	TPos
Remark	Remark	Remark
Pol/Phase	Pol/Phase	Pol/Phase
Note	Note	Note
2313.04	2462.00	2483.53
41.39	89.85	44.91
3.65	51.51	6.59
37.74	38.34	38.32
54.00	54.00	54.00
-12.61	35.85	-9.09
111	111	111
296	296	296
Average	Average	Average
Horizontal	Horizontal	Horizontal



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1	2	3
Level	Level	Level
Factor	Factor	Factor
Line	Line	Line
Limit	Limit	Limit
Over	Over	Over
Limit	Limit	Limit
APos	APos	APos
TPos	TPos	TPos
Remark	Remark	Remark
Pol/Phase	Pol/Phase	Pol/Phase
Note	Note	Note
2328.77	2462.00	2483.72
42.39	98.94	52.46
4.62	60.60	14.14
37.77	38.34	38.32
54.00	54.00	54.00
-11.61	44.94	-1.54
100	100	100
205	205	205
Average	Average	Average
Vertical	Vertical	Vertical

802.11n HT20

Low Channel (Horizontal) Peak

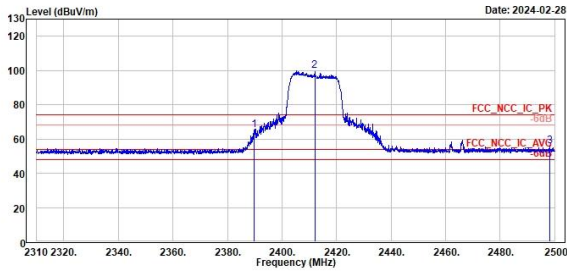
Low Channel (Vertical) Peak



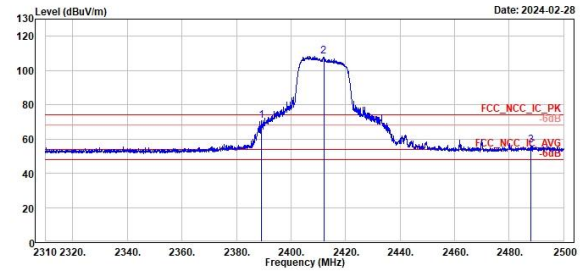
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Peak	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.86	65.00	26.94	38.06	74.00	-9.00	123	298	Peak	Horizontal	
2	2412.00	99.95	61.80	38.15	74.00	25.95	123	298	Peak	Horizontal	
3	2498.23	55.81	17.50	38.31	74.00	-18.19	123	298	Peak	Horizontal	



Peak	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	2389.29	70.87	32.81	38.06	74.00	-3.13	109	206	Peak	Vertical	
2	2412.00	108.31	70.16	38.15	74.00	34.31	109	206	Peak	Vertical	
3	2487.97	56.37	18.05	38.32	74.00	-17.63	109	206	Peak	Vertical	

802.11n HT20

Low Channel (Horizontal) Average

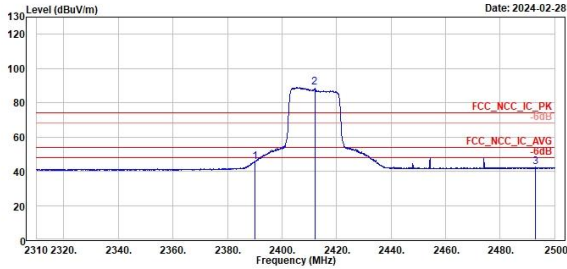
Low Channel (Vertical) Average



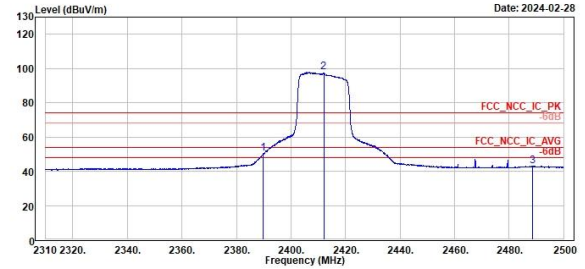
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Freq	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.99	45.54	7.48	38.06	54.00	-8.46	123	298 Average	Horizontal
2	2412.00	88.78	50.63	38.15	54.00	34.78	123	298 Average	Horizontal
3	2492.91	42.29	3.98	38.31	54.00	-11.71	123	298 Average	Horizontal



Freq	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2389.93	50.47	12.41	38.06	54.00	-3.53	109	206 Average	Vertical
2	2412.00	97.65	59.50	38.15	54.00	43.65	109	206 Average	Vertical
3	2488.54	42.98	4.66	38.32	54.00	-11.02	109	206 Average	Vertical

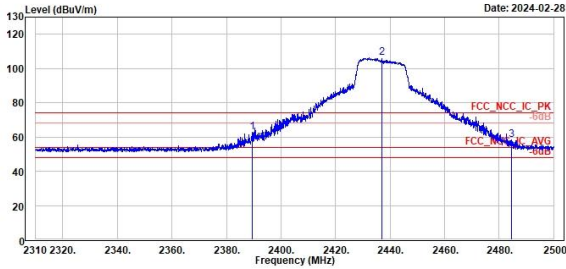
802.11n HT20

Middle Channel (Horizontal) Peak

Middle Channel (Vertical) Peak



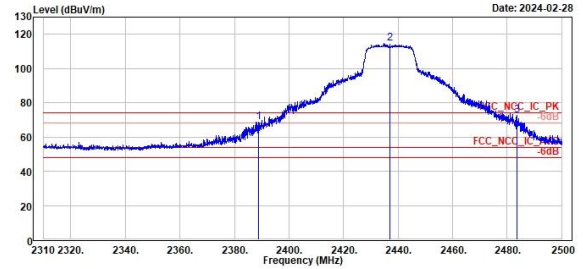
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1	2	3	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2389.61	62.92	24.86	38.06	74.00	-11.08	124	297	Peak	Horizontal	
2	2437.00	106.18	67.90	38.28	74.00	32.18	124	297	Peak	Horizontal	
3	2484.61	58.44	28.12	38.32	74.00	-15.56	124	297	Peak	Horizontal	



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1	2	3	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2388.98	68.72	30.66	38.06	74.00	-5.28	122	203	Peak	Vertical	
2	2437.00	114.59	76.31	38.28	74.00	40.59	122	203	Peak	Vertical	
3	2483.53	72.42	34.10	38.32	74.00	-1.58	122	203	Peak	Vertical	

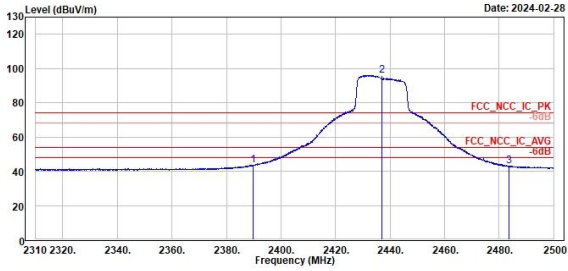
802.11n HT20

Middle Channel (Horizontal) Average

Middle Channel (Vertical) Average



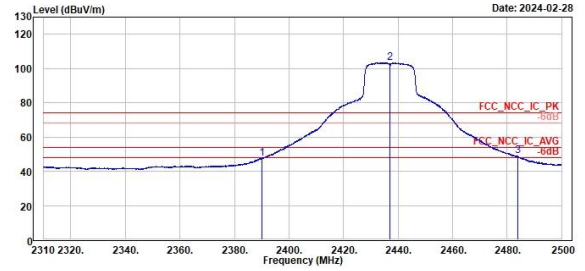
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1	2	3	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
1	2	3	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1			2389.93	43.70	5.64	38.06	54.00	-10.30	124	297	Average Horizontal
2	*		2437.00	96.05	57.77	38.28	54.00	42.05	124	297	Average Horizontal
3			2483.60	43.13	4.81	38.32	54.00	-10.87	124	297	Average Horizontal



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1	2	3	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
1	2	3	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1			2389.99	47.35	9.29	38.06	54.00	-6.65	122	203	Average Vertical
2	*		2437.00	103.36	65.08	38.28	54.00	49.36	122	203	Average Vertical
3	!		2483.79	48.70	10.38	38.32	54.00	-5.30	122	203	Average Vertical

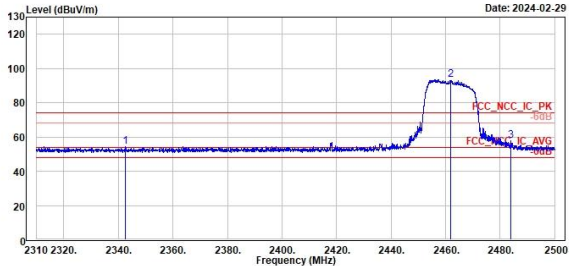
802.11n HT20

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



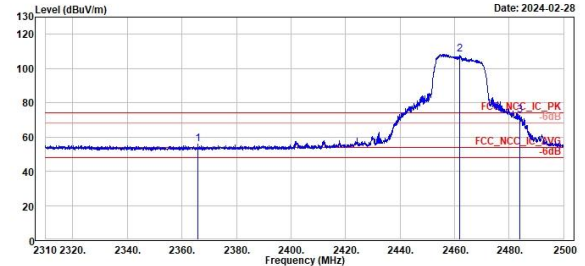
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Peak	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2342.62	54.42	16.53	37.89	74.00	-19.58	100		231 Peak	Horizontal	
2 *	2462.00	93.65	55.31	38.34	74.00	19.65	100		231 Peak	Horizontal	
3	2483.98	57.66	19.34	38.32	74.00	-16.34	100		231 Peak	Horizontal	



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Peak	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	2365.80	55.71	17.73	37.98	74.00	-18.29	100		203 Peak	Vertical	
2 *	2462.00	108.47	70.13	38.34	74.00	34.47	100		203 Peak	Vertical	
3 !	2483.98	72.88	34.56	38.32	74.00	-1.12	100		203 Peak	Vertical	

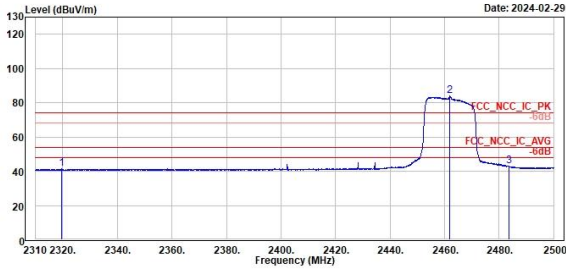
802.11n HT20

High Channel (Horizontal) Average

High Channel (Vertical) Average



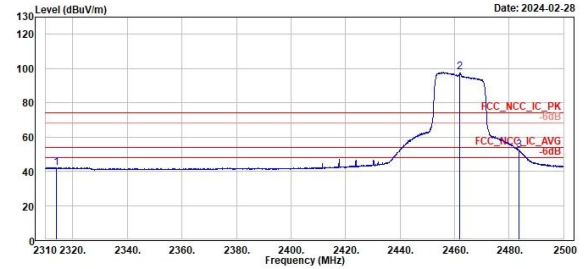
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1	2	3
Level	Level	Level
Factor	Factor	Factor
Line	Line	Line
Limit	Limit	Limit
Over	Over	Over
Limit	Limit	Limit
APos	APos	APos
TPos	TPos	TPos
Remark	Remark	Remark
Pol/Phase	Pol/Phase	Pol/Phase
Note	Note	Note
2319.44	2462.00	2483.53
41.38	83.83	42.93
3.61	45.49	4.61
37.77	38.34	38.32
54.00	54.00	54.00
-12.62	29.83	-11.07
100	100	100
231	231	231
Average	Average	Average
Horizontal	Horizontal	Horizontal



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1	2	3
Level	Level	Level
Factor	Factor	Factor
Line	Line	Line
Limit	Limit	Limit
Over	Over	Over
Limit	Limit	Limit
APos	APos	APos
TPos	TPos	TPos
Remark	Remark	Remark
Pol/Phase	Pol/Phase	Pol/Phase
Note	Note	Note
2313.86	2462.00	2483.53
42.12	97.75	52.21
4.37	59.41	13.89
37.75	38.34	38.32
54.00	54.00	54.00
-11.88	43.75	-1.79
100	100	100
203	203	203
Average	Average	Average
Vertical	Vertical	Vertical

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

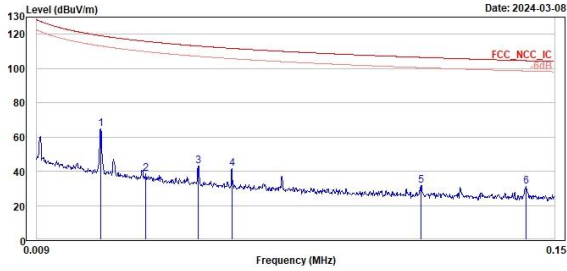
802.11g

Middle Channel(Open) 9kHz~150kHz

Middle Channel(Open) 150kHz~30MHz



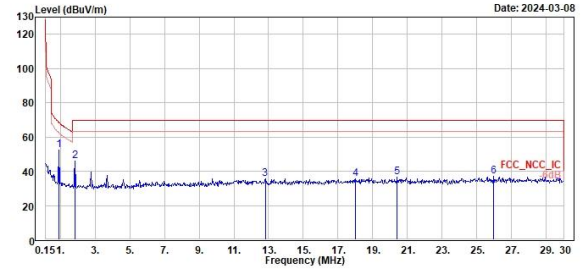
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Peak	Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.03	64.79	44.98	19.81	119.13	-54.34	100	330	Peak	Open	
2	0.04	38.51	18.96	19.55	115.83	-77.32	100	73	Peak	Open	
3	0.05	43.07	25.77	19.30	113.11	-70.04	100	258	Peak	Open	
4	0.06	41.60	22.81	18.79	111.72	-70.12	100	226	Peak	Open	
5	0.11	31.69	13.09	18.60	106.49	-74.80	100	195	Peak	Open	
6	0.14	30.95	12.18	18.77	104.54	-73.59	100	134	Peak	Open	



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Peak	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	0.93	52.26	33.12	19.14	68.27	-16.01	100	156	Peak	Open	
2	1.85	45.78	26.76	19.02	69.50	-23.72	100	156	Peak	Open	
3	12.81	35.49	13.96	21.53	69.50	-34.01	100	0	Peak	Open	
4	18.00	35.44	12.96	22.48	69.50	-34.06	100	153	Peak	Open	
5	28.42	36.41	13.89	22.52	69.50	-33.09	100	277	Peak	Open	
6	25.97	36.91	14.15	22.76	69.50	-32.59	100	27	Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

802.11g

Middle Channel (Horizontal)

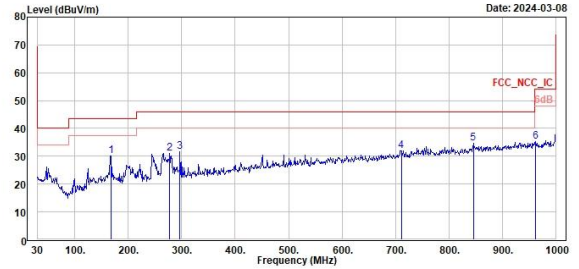
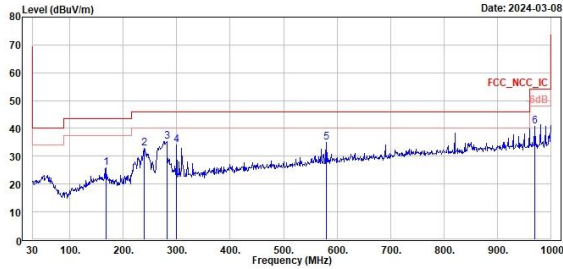
Middle Channel (Vertical)



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Peak	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	167.74	25.73	31.45	-5.72	43.50	-17.77	200	273	Peak	Horizontal	
2	238.55	32.98	39.64	-6.66	46.00	-13.02	100	248	Peak	Horizontal	
3	281.23	35.28	40.48	-5.20	46.00	-10.72	200	131	Peak	Horizontal	
4	299.66	34.13	38.88	-4.75	46.00	-11.87	100	243	Peak	Horizontal	
5	579.99	35.03	35.26	-0.23	46.00	-10.97	100	160	Peak	Horizontal	
6	978.98	40.84	35.11	5.73	54.00	-13.16	100	324	Peak	Horizontal	

Peak	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	167.74	30.26	35.98	-5.72	43.50	-13.24	100	318	Peak	Vertical	
2	277.35	30.98	36.41	-5.43	46.00	-15.02	200	36	Peak	Vertical	
3	296.75	31.67	36.56	-4.89	46.00	-14.33	100	44	Peak	Vertical	
4	718.94	31.94	29.76	2.18	46.00	-14.06	100	345	Peak	Vertical	
5	845.77	34.78	30.68	4.10	46.00	-11.22	100	261	Peak	Vertical	
6	962.17	35.31	29.71	5.60	54.00	-18.69	100	157	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

802.11b

Low Channel (Horizontal)

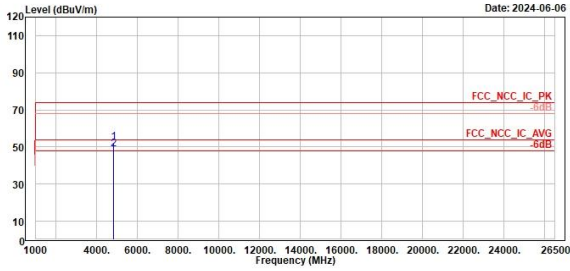
Low Channel (Vertical)



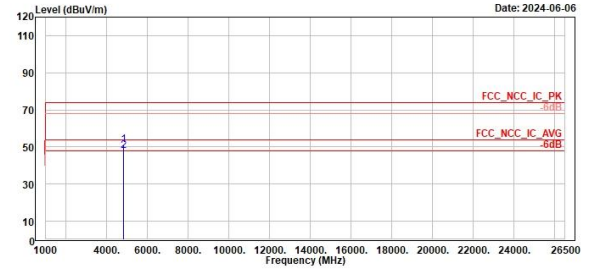
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MHz	Level	Read Level	Factor	Limit	Over	Apos	Tpos	Remark	Pol/Phase	Note									
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
1	4824.00	52.37	60.33	-7.96	74.00	-21.63	105	334 Peak	Horizontal										
2	4824.00	49.04	57.00	-7.96	54.00	-4.96	105	334 Average	Horizontal										



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MHz	Level	Read Level	Factor	Limit	Over	Apos	Tpos	Remark	Pol/Phase	Note									
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
1	4824.00	51.25	59.21	-7.96	74.00	-22.75	394	251 Peak	Vertical										
2	4824.00	47.95	55.91	-7.96	54.00	-6.05	394	251 Average	Vertical										

802.11b

Middle Channel (Horizontal)

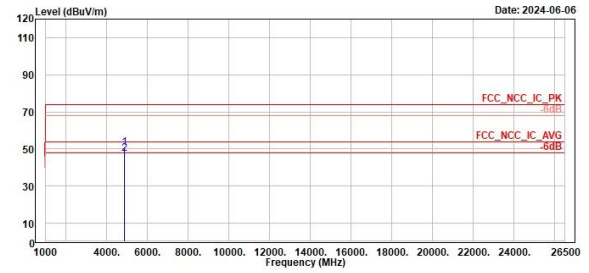
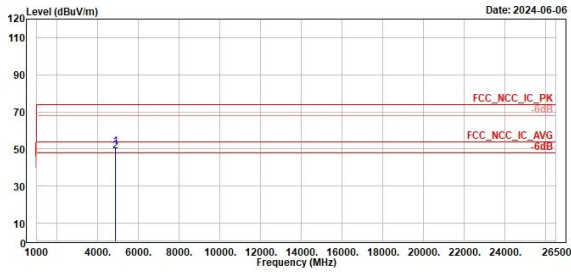
Middle Channel (Vertical)



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MHz	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note									
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
4874.00	51.14	59.06	-7.92	74.00	-22.86	100	334	Peak	Horizontal										
4874.00	49.02	56.94	-7.92	54.00	-4.98	100	334	Average	Horizontal										

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MHz	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note									
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
4874.00	50.84	58.76	-7.92	74.00	-23.16	108	77	Peak	Vertical										
4874.00	47.31	55.23	-7.92	54.00	-6.69	108	77	Average	Vertical										



802.11g

Low Channel (Horizontal)

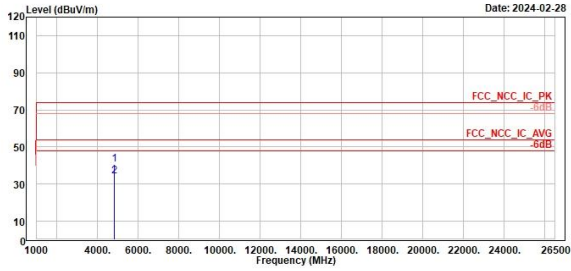
Low Channel (Vertical)



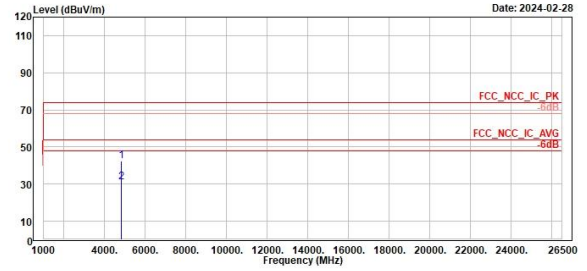
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Freq	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	40.45	48.40	-7.95	74.00	-33.55	100	305	Peak	Horizontal
2	4824.00	34.13	42.08	-7.95	54.00	-19.87	100	305	Average	Horizontal



Freq	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	42.38	50.33	-7.95	74.00	-31.62	300	295	Peak	Vertical
2	4824.00	30.85	38.80	-7.95	54.00	-23.15	300	295	Average	Vertical

802.11g

Middle Channel (Horizontal)

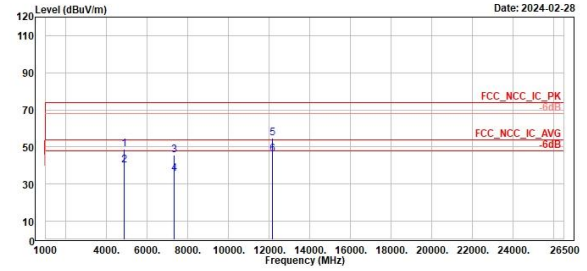
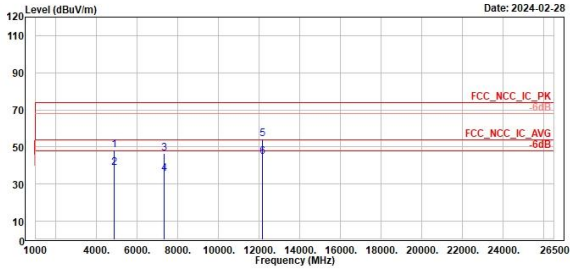
Middle Channel (Vertical)



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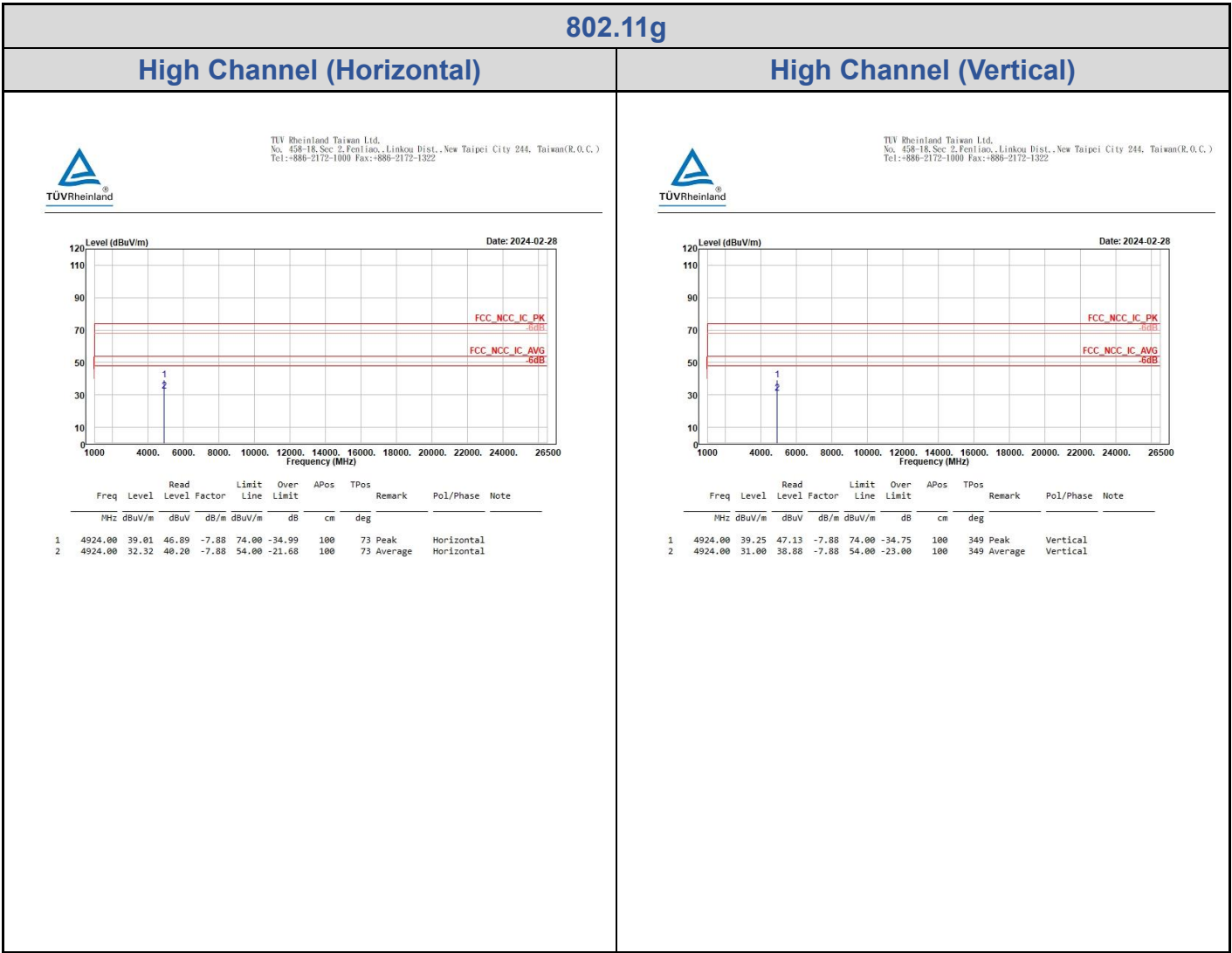


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1	2	3	4	5	6
Hz	Level	Read Level	Factor	Limit	Over
	dBuV/m	dBuV	dB/m	dBuV/m	dB
4874.00	48.50	56.41	-7.91	74.00	-25.50
4874.00	38.81	46.72	-7.91	54.00	-15.19
7311.00	46.77	52.13	-5.36	74.00	-27.23
7311.00	35.56	40.92	-5.36	54.00	-18.44
12185.00	54.46	52.13	2.33	74.00	-19.54
12185.00	44.67	42.34	2.33	54.00	-9.33

1	2	3	4	5	6
Hz	Level	Read Level	Factor	Limit	Over
	dBuV/m	dBuV	dB/m	dBuV/m	dB
4874.00	48.85	56.76	-7.91	74.00	-25.15
4874.00	40.23	48.14	-7.91	54.00	-13.77
7311.00	45.81	51.17	-5.36	74.00	-28.19
7311.00	35.57	40.93	-5.36	54.00	-18.43
12185.00	54.53	52.20	2.33	74.00	-19.47
12185.00	45.91	43.58	2.33	54.00	-8.09



802.11n HT20

Low Channel (Horizontal)

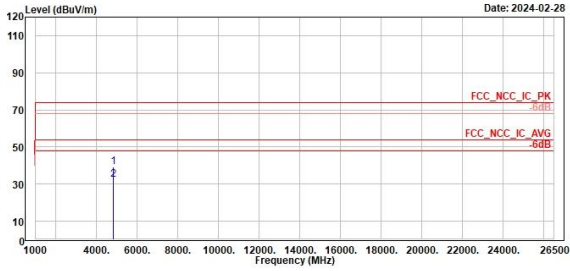
Low Channel (Vertical)



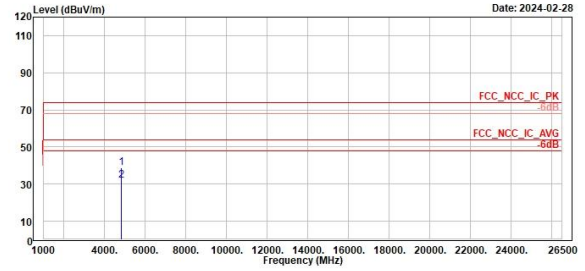
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1	2	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	39.44	47.39	-7.95	74.00	-34.56	300	308 Peak	Horizontal	
2	4824.00	32.51	40.46	-7.95	54.00	-21.49	300	308 Average	Horizontal	



1	2	Read Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	38.82	46.77	-7.95	74.00	-35.18	300	291 Peak	Vertical	
2	4824.00	31.88	39.83	-7.95	54.00	-22.12	300	291 Average	Vertical	

802.11n HT20

Middle Channel (Horizontal)

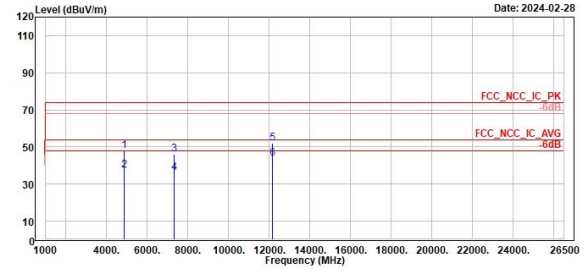
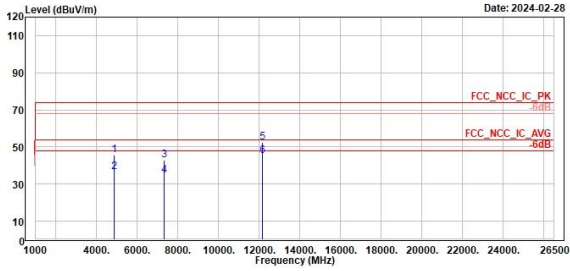
Middle Channel (Vertical)



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1	2	3	4	5	6
Hz	Level	Read Level	Factor	Limit	Over
dBuV/m	dBuV	dB/m	dBuV/m	dB	cm
4874.00	45.83	53.74	-7.91	74.00	-28.17
4874.00	36.71	44.62	-7.91	54.00	-17.29
7311.00	43.07	48.43	-5.36	74.00	-30.93
7311.00	34.89	40.25	-5.36	54.00	-19.11
12185.00	52.36	50.03	2.33	74.00	-21.64
12185.00	45.12	42.79	2.33	54.00	-8.88

1	2	3	4	5	6
Hz	Level	Read Level	Factor	Limit	Over
dBuV/m	dBuV	dB/m	dBuV/m	dB	cm
4874.00	47.84	55.75	-7.91	74.00	-26.16
4874.00	37.31	45.22	-7.91	54.00	-16.69
7311.00	45.99	51.35	-5.36	74.00	-28.01
7311.00	36.19	41.46	-5.36	54.00	-17.90
12185.00	52.23	49.90	2.33	74.00	-21.77
12185.00	43.90	41.57	2.33	54.00	-10.10

802.11n HT20

High Channel (Horizontal)

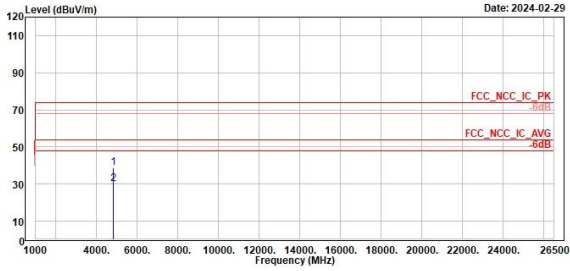
High Channel (Vertical)



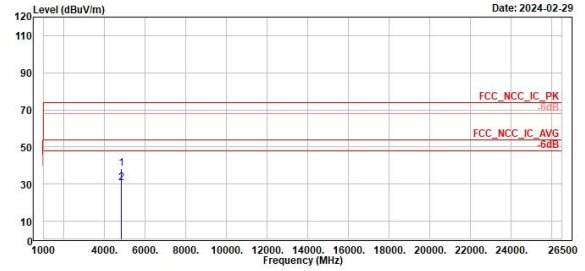
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Freq	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	38.85	46.80	-7.95	74.00	-35.15	300	145	Peak	Horizontal
2	4824.00	30.33	38.28	-7.95	54.00	-23.67	300	145	Average	Horizontal



Freq	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	38.12	46.07	-7.95	74.00	-35.88	300	80	Peak	Vertical
2	4824.00	30.38	38.33	-7.95	54.00	-23.62	300	80	Average	Vertical