

# Appendix B: Test Results of Radiated Spurious Emissions & Mains

## Conducted Emission Test

### Band Edges, 2.31GHz ~ 2.9GHz

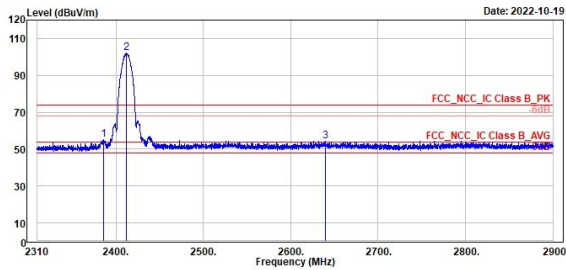
802.11b

#### Low Channel (Horizontal) Peak

#### Low Channel (Vertical) Peak



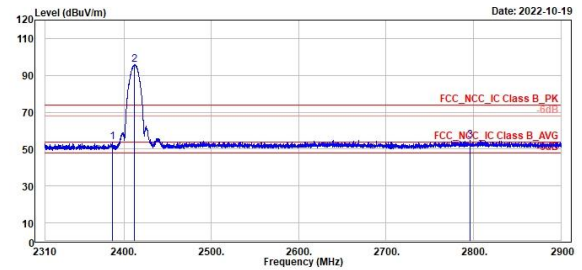
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1	2	3
Level	Read Level	Factor
dBuV/m	dBuV	dB/m
55.00	17.43	37.57
102.13	64.50	37.63
54.42	16.23	38.19



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1	2	3
Level	Read Level	Factor
dBuV/m	dBuV	dB/m
53.79	16.49	37.30
95.85	58.50	37.35
54.69	16.53	38.16

1	2	3
Level	Read Level	Factor
dBuV/m	dBuV	dB/m
55.00	17.43	37.57
102.13	64.50	37.63
54.42	16.23	38.19

1	2	3
Level	Read Level	Factor
dBuV/m	dBuV	dB/m
53.79	16.49	37.30
95.85	58.50	37.35
54.69	16.53	38.16

Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dB	cm	deg			
74.00	-19.00	303	127	Peak	Horizontal	
74.00	28.13	303	127	Peak	Horizontal	
74.00	-19.58	303	127	Peak	Horizontal	

Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dB	cm	deg			
74.00	-20.21	100	170	Peak	Vertical	
74.00	21.85	100	170	Peak	Vertical	
74.00	-19.31	100	170	Peak	Vertical	

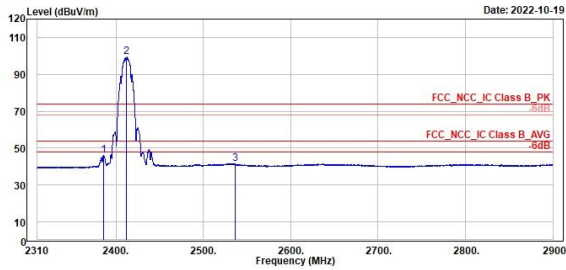
802.11b

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



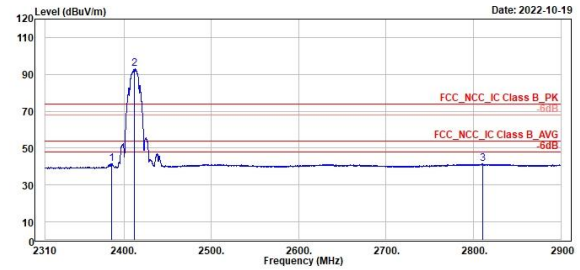
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1	2	3							
Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
2386.11	46.04	8.47	37.57	54.00	-7.96	303	127 Average	Horizontal	
2412.00	99.25	61.62	37.63	54.00	45.25	303	127 Average	Horizontal	
2536.09	41.57	3.93	37.64	54.00	-12.43	303	127 Average	Horizontal	



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1	2	3							
Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
2386.35	41.62	4.32	37.30	54.00	-12.38	100	170 Average	Vertical	
2412.00	92.95	55.60	37.35	54.00	38.95	100	170 Average	Vertical	
2810.08	41.36	3.17	38.19	54.00	-12.64	100	170 Average	Vertical	

802.11b

High Channel (Horizontal) Peak

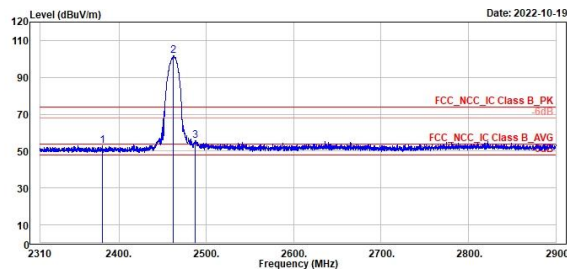
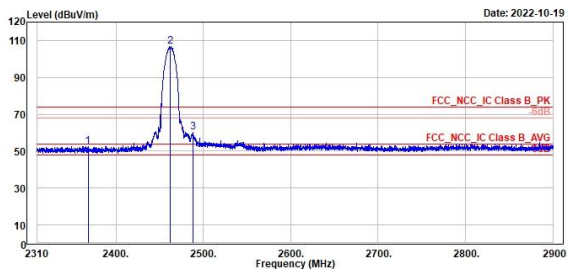
High Channel (Vertical) Peak



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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
Freq	Freq	Freq
MHz	MHz	MHz
Level	Level	Level
dBuV/m	dBuV/m	dBuV/m
Read	Read	Read
Level	Level	Level
Factor	Factor	Factor
dB	dB	dB
Limit	Limit	Limit
Line	Line	Line
Over	Over	Over
Limit	Limit	Limit
APos	APos	APos
TPos	TPos	TPos
Remark	Remark	Remark
Pol/Phase	Pol/Phase	Pol/Phase
Note	Note	Note
1	2	3
2368.17	2462.00	2488.06
52.63	106.95	60.21
15.11	69.31	22.64
37.52	37.64	37.57
74.00	74.00	74.00
-21.37	32.95	-13.79
191	191	191
155	155	155
Peak	Peak	Peak
Horizontal	Horizontal	Horizontal

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
Freq	Freq	Freq
MHz	MHz	MHz
Level	Level	Level
dBuV/m	dBuV/m	dBuV/m
Read	Read	Read
Level	Level	Level
Factor	Factor	Factor
dB	dB	dB
Limit	Limit	Limit
Line	Line	Line
Over	Over	Over
Limit	Limit	Limit
APos	APos	APos
TPos	TPos	TPos
Remark	Remark	Remark
Pol/Phase	Pol/Phase	Pol/Phase
Note	Note	Note
1	2	3
2381.51	2462.00	2487.47
52.94	101.57	55.68
15.65	64.01	17.94
37.29	37.56	37.74
74.00	74.00	74.00
-21.06	27.57	-18.32
360	360	360
183	183	183
Peak	Peak	Peak
Vertical	Vertical	Vertical



802.11g

Low Channel (Horizontal) Peak

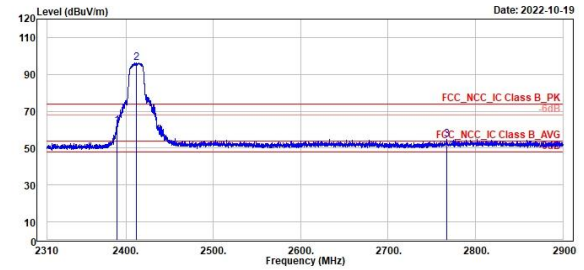
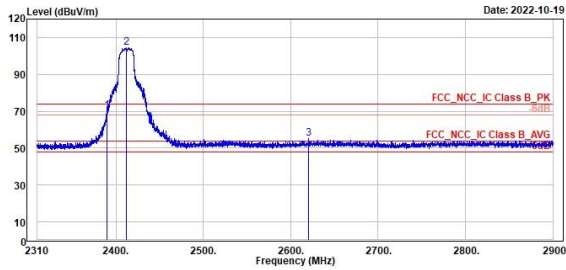
Low Channel (Vertical) Peak



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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	2389.53	70.12	32.54	37.58	74.00	-3.88	302	129	Peak	Horizontal	
2	2412.00	104.43	66.80	37.63	74.00	30.43	302	129	Peak	Horizontal	
3	2620.58	55.32	17.15	38.17	74.00	-18.68	302	129	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				
1	2389.65	61.98	24.68	37.30	74.00	-12.02	100	154	Peak	Vertical	
2	2412.00	96.48	59.13	37.35	74.00	22.48	100	154	Peak	Vertical	
3	2767.49	54.74	16.67	38.07	74.00	-19.26	100	154	Peak	Vertical	

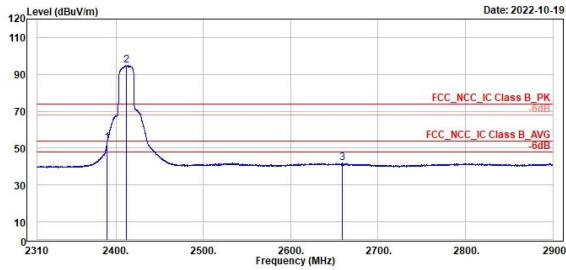
802.11g

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



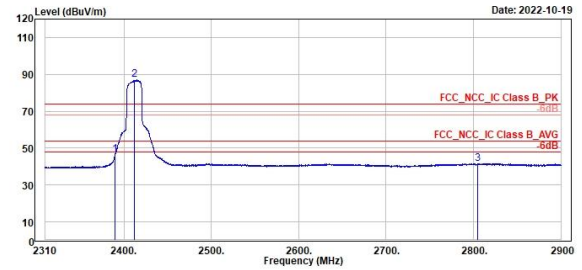
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1	2	3	Read Level	Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2398.00	52.91	15.33	37.58	54.00	-1.09	302	129	Average	Horizontal	
2	2412.00	94.83	57.20	37.63	54.00	40.83	302	129	Average	Horizontal	
3	2658.93	42.02	3.83	38.19	54.00	-11.98	302	129	Average	Horizontal	



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1	2	3	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	2398.00	46.36	9.06	37.30	54.00	-7.64	100	154	Average	Vertical	
2	2412.00	86.96	49.61	37.35	54.00	32.96	100	154	Average	Vertical	
3	2804.42	41.58	3.40	38.18	54.00	-12.42	100	154	Average	Vertical	

802.11g

High Channel (Horizontal) Peak

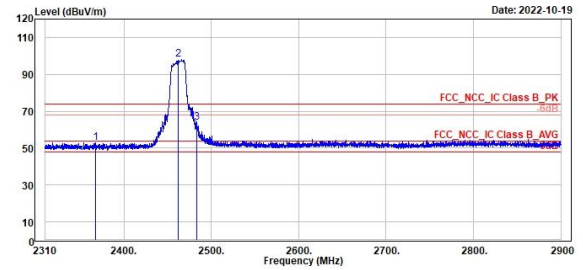
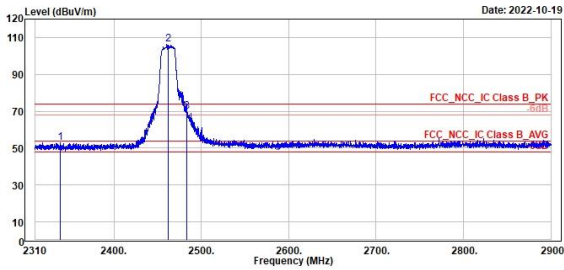
High Channel (Vertical) Peak



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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	2338.56	53.12	15.70	37.42	74.00	-20.88	252	155	Peak	Horizontal	
2 *	2462.00	106.49	68.85	37.64	74.00	32.49	252	155	Peak	Horizontal	
3 !	2483.46	69.85	32.27	37.58	74.00	-4.15	252	155	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	2367.70	53.12	15.84	37.28	74.00	-20.88	100	157	Peak	Vertical	
2 *	2462.00	98.10	60.54	37.56	74.00	24.10	100	157	Peak	Vertical	
3	2483.46	63.77	26.06	37.71	74.00	-10.23	100	157	Peak	Vertical	

802.11g

High Channel (Horizontal) Average

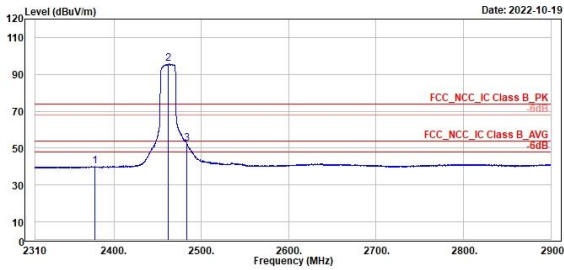
High Channel (Vertical) Average



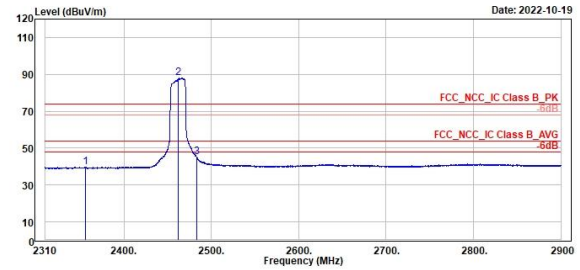
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	cm	deg	cm	deg	cm	deg	cm
2378.32	39.98	2.43	37.55	54.00	-14.02	252	155	Average	Horizontal					
2462.00	95.84	58.20	37.64	54.00	41.84	252	155	Average	Horizontal					
2483.46	52.51	14.93	37.58	54.00	-1.49	252	155	Average	Horizontal					



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	cm	deg	cm	deg	cm	deg	cm
2356.49	39.64	2.38	37.26	54.00	-14.36	100	157	Average	Vertical					
2462.00	88.01	50.45	37.56	54.00	34.01	100	157	Average	Vertical					
2483.58	45.20	7.49	37.71	54.00	-8.80	100	157	Average	Vertical					



802.11n HT20

Low Channel (Horizontal) Peak

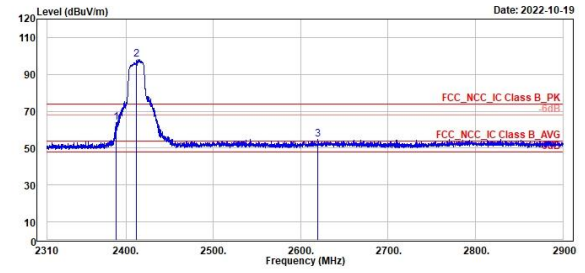
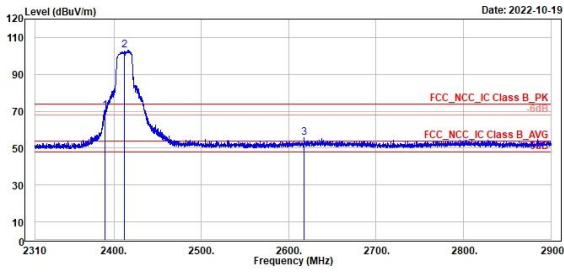
Low Channel (Vertical) Peak



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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	2398.00	70.47	32.89	37.58	74.00	-3.53	175	125	Peak	Horizontal	
2	2412.00	103.17	65.54	37.63	74.00	29.17	175	125	Peak	Horizontal	
3	2617.39	55.69	17.52	38.17	74.00	-18.31	175	125	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				
1	2389.18	64.05	26.75	37.30	74.00	-9.95	251	219	Peak	Vertical	
2	2412.00	98.27	60.92	37.35	74.00	24.27	251	219	Peak	Vertical	
3	2619.87	54.77	16.84	37.93	74.00	-19.23	251	219	Peak	Vertical	

802.11n HT20

Low Channel (Horizontal) Average

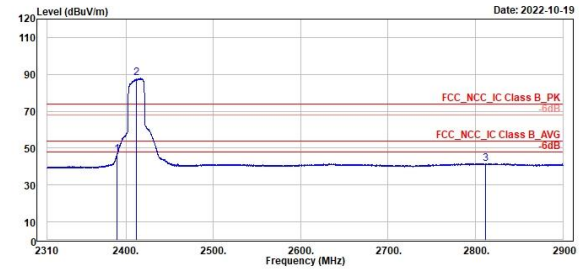
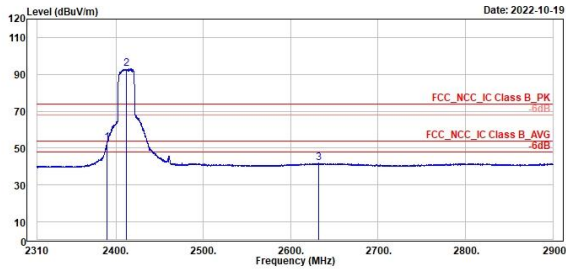
Low Channel (Vertical) Average



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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	2398.00	52.80	15.22	37.58	54.00	-1.20	175	125	Average	Horizontal	
2	2412.00	92.94	55.31	37.63	54.00	38.94	175	125	Average	Horizontal	
3	2631.79	41.76	3.58	38.18	54.00	-12.24	175	125	Average	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				
1	2389.89	46.55	9.25	37.30	54.00	-7.45	251	219	Average	Vertical	
2	2412.00	87.84	50.49	37.35	54.00	33.84	251	219	Average	Vertical	
3	2811.50	41.69	3.50	38.19	54.00	-12.31	251	219	Average	Vertical	

802.11n HT20

High Channel (Horizontal) Peak

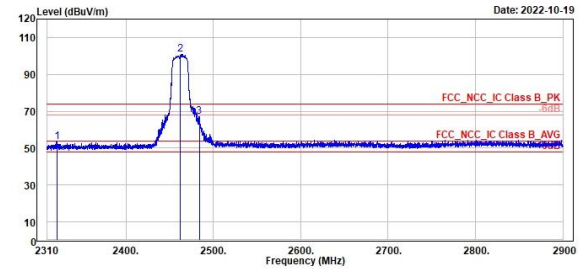
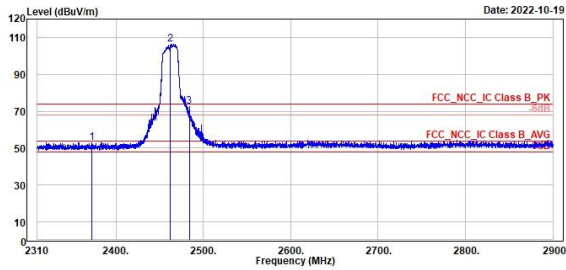
High Channel (Vertical) Peak



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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	2372.07	53.09	15.57	37.52	74.00	-20.91	348	160	Peak	Horizontal	
2 *	2462.00	106.37	68.73	37.64	74.00	32.37	348	160	Peak	Horizontal	
3 !	2483.93	72.53	34.96	37.57	74.00	-1.47	348	160	Peak	Horizontal	

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	2320.97	53.35	16.30	37.05	74.00	-20.65	327	215	Peak	Vertical	
2 *	2462.00	100.98	63.42	37.56	74.00	26.98	327	215	Peak	Vertical	
3	2483.93	67.04	29.33	37.71	74.00	-6.96	327	215	Peak	Vertical	



802.11n HT40

Low Channel (Horizontal) Peak

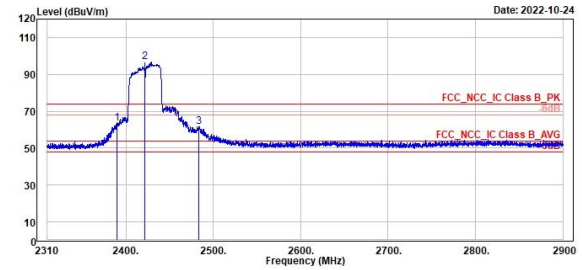
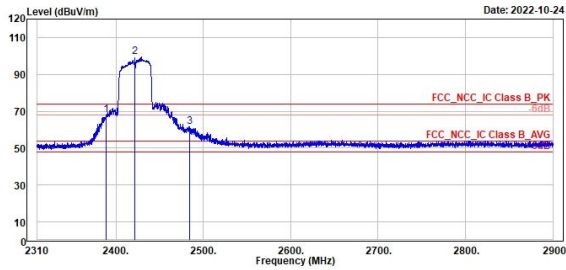
Low Channel (Vertical) Peak



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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	2389.38	68.18	30.60	37.58	74.00	-5.82	100	130	Peak	Horizontal	
2	2422.00	99.46	61.82	37.64	74.00	25.46	100	130	Peak	Horizontal	
3	2484.52	61.59	24.02	37.57	74.00	-12.41	100	130	Peak	Horizontal	

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	2389.41	63.28	25.98	37.30	74.00	-10.72	100	193	Peak	Vertical	
2	2422.00	96.53	59.15	37.38	74.00	22.53	100	193	Peak	Vertical	
3	2483.46	61.60	23.89	37.71	74.00	-12.40	100	193	Peak	Vertical	



802.11n HT40

Mid Channel (Horizontal) Peak

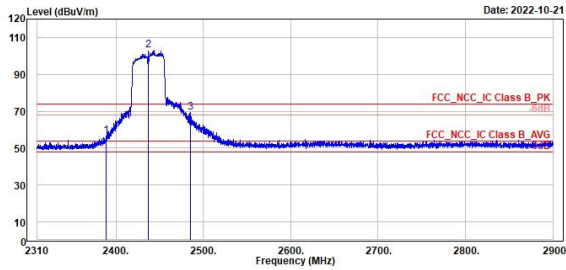
Mid Channel (Vertical) Peak



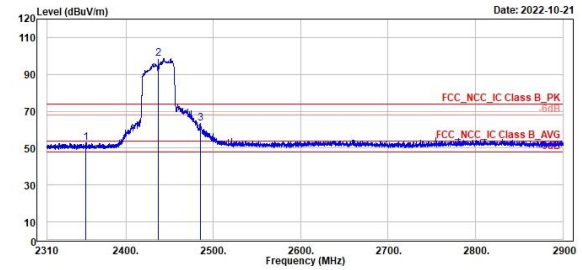
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
MHz	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note									
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg												
2388.59	56.57	18.99	37.58	74.00	-17.43	188	165	Peak	Horizontal											
2437.00	102.97	65.31	37.66	74.00	28.97	188	165	Peak	Horizontal											
2485.11	69.30	31.73	37.57	74.00	-4.70	188	165	Peak	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	dB	cm	deg												
2354.49	52.85	15.59	37.26	74.00	-21.15	366	192	Peak	Vertical											
2437.00	98.59	61.16	37.43	74.00	24.59	366	192	Peak	Vertical											
2485.23	63.55	25.83	37.72	74.00	-10.45	366	192	Peak	Vertical											

802.11n HT40

Mid Channel (Horizontal) Average

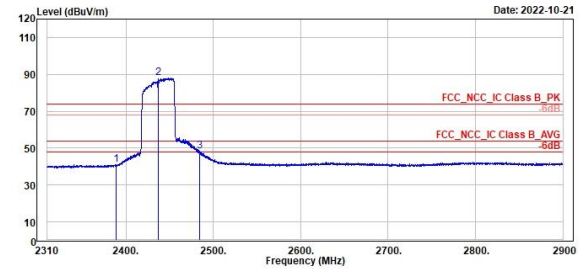
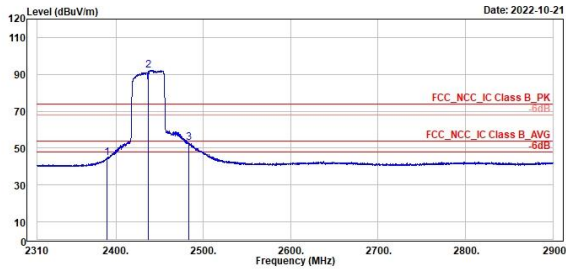
Mid Channel (Vertical) Average



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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	A	T	Remark	Pol/Phase	Note								
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg											
2389.77	44.67	7.09	37.58	54.00	-9.33	188	165	Average	Horizontal										
2437.00	92.37	54.71	37.66	54.00	38.37	188	165	Average	Horizontal										
2483.58	52.95	15.37	37.58	54.00	-1.05	188	165	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	A	T	Remark	Pol/Phase	Note								
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg											
2388.82	41.13	3.83	37.30	54.00	-12.87	366	192	Average	Vertical										
2437.00	88.04	50.61	37.43	54.00	34.04	366	192	Average	Vertical										
2484.52	48.14	10.42	37.72	54.00	-5.86	366	192	Average	Vertical										



802.11n HT40

High Channel (Horizontal) Peak

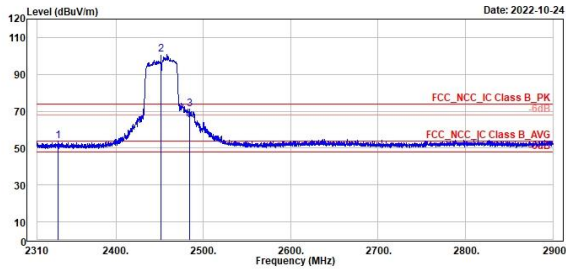
High Channel (Vertical) Peak



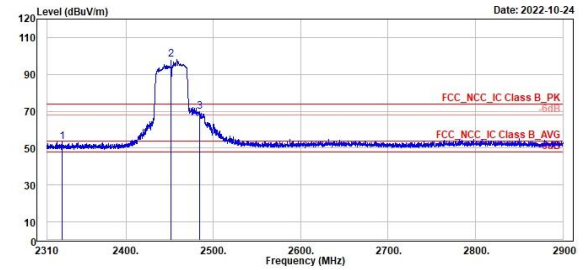
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2334.19	53.68	16.27	37.41	74.00	-20.32	128	129	Peak	Horizontal	
2 *	2452.00	100.89	63.23	37.66	74.00	26.89	128	129	Peak	Horizontal	
3 !	2484.40	71.01	33.44	37.57	74.00	-2.99	128	129	Peak	Horizontal	



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	2327.35	53.35	16.26	37.09	74.00	-20.65	100	197	Peak	Vertical	
2 *	2452.00	97.98	60.50	37.48	74.00	23.98	100	197	Peak	Vertical	
3 !	2484.40	69.72	32.00	37.72	74.00	-4.28	100	197	Peak	Vertical	



Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

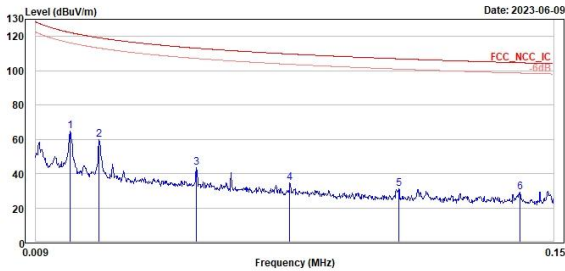
802.11n HT20

Low Channel 9kHz~150kHz(Open)

Low Channel 150kHz~30MHz(Open)



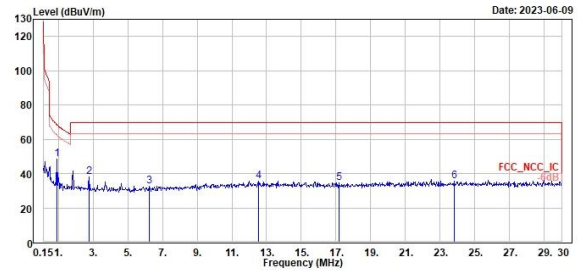
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Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
dB	dBuV/m	dB	dBuV/m	dB	cm	deg			
1	64.79	46.46	18.33	122.34	-57.55	100	267 Peak	Open	
2	59.86	40.92	18.94	119.18	-59.32	100	182 Peak	Open	
3	43.69	24.64	19.05	113.13	-69.44	100	120 Peak	Open	
4	34.36	15.92	18.44	109.73	-75.37	100	126 Peak	Open	
5	31.00	13.05	17.95	106.94	-75.94	100	224 Peak	Open	
6	28.94	10.86	18.08	104.62	-75.68	100	216 Peak	Open	



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Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
dB	dBuV/m	dB	dBuV/m	dB	cm	deg			
1	48.41	29.38	19.03	68.27	-19.86	100	128 Peak	Open	
2	38.15	18.60	19.55	69.50	-31.35	100	128 Peak	Open	
3	32.65	12.70	19.95	69.50	-36.85	100	167 Peak	Open	
4	35.69	14.03	21.66	69.50	-33.81	100	270 Peak	Open	
5	34.45	12.47	21.98	69.50	-35.05	100	58 Peak	Open	
6	35.62	13.43	22.19	69.50	-33.88	100	5 Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

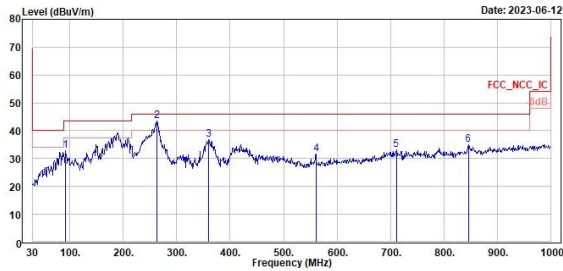
802.11n HT20

Low Channel (Horizontal)

Low Channel (Vertical)



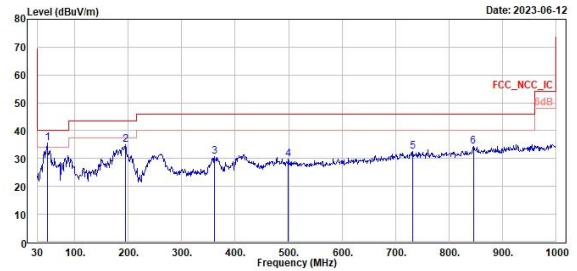
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Peak #	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	92.08	32.74	44.77	-12.03	43.50	-10.76	200	22	Peak	Horizontal	
2	262.00	43.58	49.61	-6.03	46.00	-2.42	100	266	Peak	Horizontal	
3	359.80	36.87	40.43	-3.56	46.00	-9.13	100	344	Peak	Horizontal	
4	568.59	31.57	31.74	-0.17	46.00	-14.43	200	125	Peak	Horizontal	
5	719.94	33.22	31.04	2.18	46.00	-12.78	100	290	Peak	Horizontal	
6	845.77	34.96	30.86	4.10	46.00	-11.04	300	47	Peak	Horizontal	



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Peak #	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	48.43	35.58	41.24	-5.66	40.00	-4.42	100	127	Peak	Vertical	
2	193.93	34.94	43.07	-8.13	43.50	-8.56	100	291	Peak	Vertical	
3	368.77	30.83	34.36	-3.53	46.00	-15.17	100	246	Peak	Vertical	
4	499.48	29.80	31.35	-1.55	46.00	-16.20	200	342	Peak	Vertical	
5	732.28	32.60	30.35	2.25	46.00	-13.40	300	266	Peak	Vertical	
6	845.77	34.35	30.25	4.10	46.00	-11.65	200	134	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

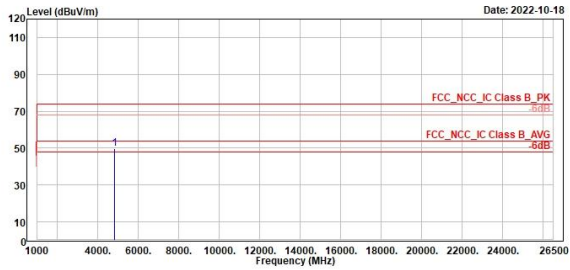
802.11b

Low Channel (Horizontal)

Low Channel (Vertical)



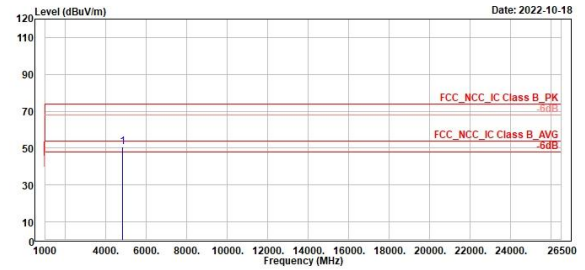
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4824.00	49.92	58.93	-9.01	74.00	-24.08	400	219 Peak	Horizontal



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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	4824.00	50.42	59.78	-9.36	74.00	-23.58	300	136 Peak	Vertical

802.11b

Middle Channel (Horizontal)

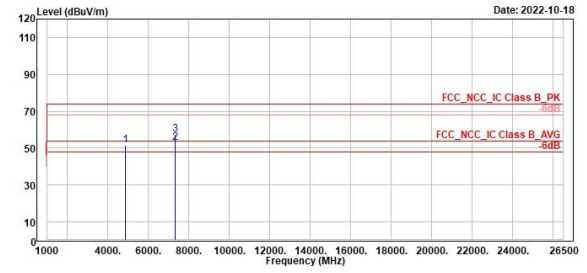
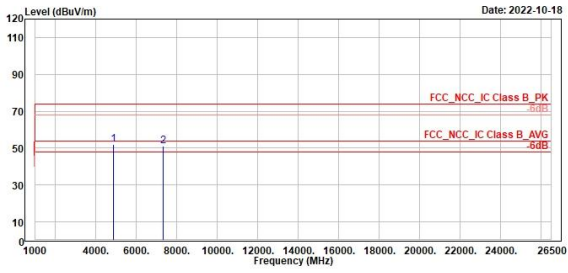
Middle Channel (Vertical)



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1	2	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			
4874.00	51.96	60.95	-8.99	74.00	-22.04	300	221	Peak	Horizontal	
7311.00	51.18	57.68	-6.50	74.00	-22.82	100	244	Peak	Horizontal	

1	2	3	Read		Limit	Over	APos	TPos	Remark	Pol/Phase	Note
Freq	Level	Level	Level	Factor	Line	Limit					
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
4874.00	51.43	60.77	-9.34	74.00	-22.57	400	155	Peak	Vertical		
7311.00	52.81	59.47	-6.66	54.00	-1.19	259	356	Average	Vertical		
7311.00	57.36	64.02	-6.66	74.00	-16.64	259	356	Peak	Vertical		

802.11b

High Channel (Horizontal)

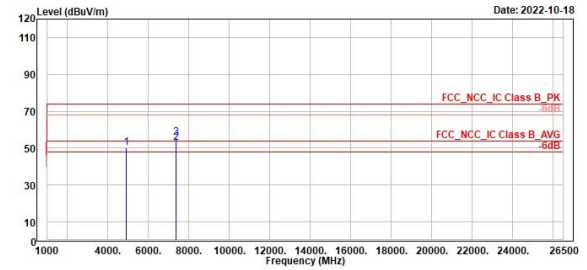
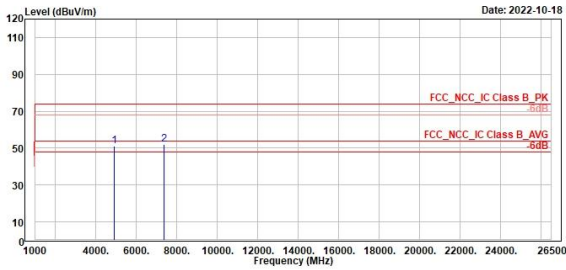
High Channel (Vertical)



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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	4924.00	51.22	60.14	-8.92	74.00	-22.78	300	214 Peak	Horizontal	
2	7386.00	52.16	58.56	-6.40	74.00	-21.84	100	126 Peak	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.00	50.09	59.41	-9.32	74.00	-23.91	200	133 Peak	Vertical	
2	7386.00	52.90	59.44	-6.54	54.00	-1.10	272	360 Average	Vertical	
3	7386.00	55.77	62.31	-6.54	74.00	-18.23	272	360 Peak	Vertical	

802.11g

Low Channel (Horizontal)

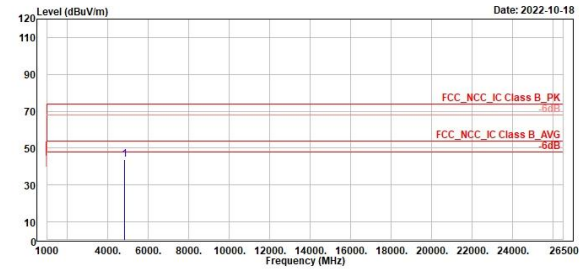
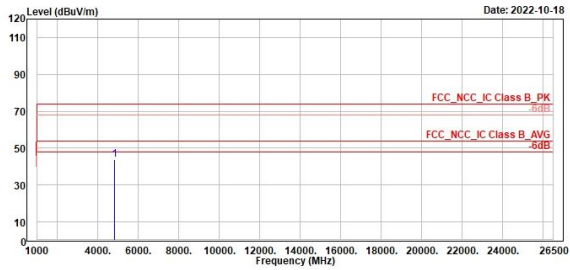
Low Channel (Vertical)



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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	43.87	52.88	-9.01	74.00	-30.13	100	109 Peak	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	43.74	53.10	-9.36	74.00	-30.26	200	155 Peak	Vertical	



802.11g

Middle Channel (Horizontal)

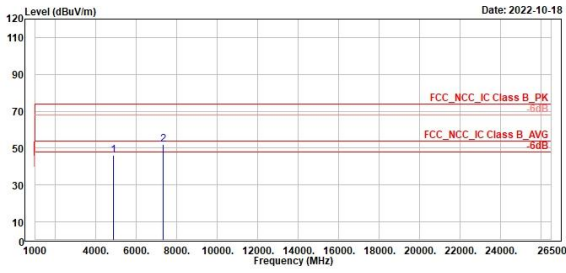
Middle Channel (Vertical)



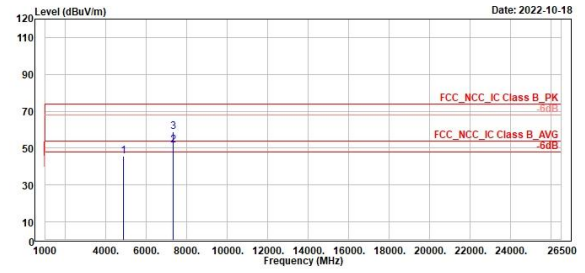
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1	2	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
4874.00	46.07	55.06	-8.99	74.00	-27.93	300	218	Peak	Horizontal	
7311.00	52.09	58.59	-6.50	74.00	-21.91	200	127	Peak	Horizontal	



1	2	3	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	45.42	54.76	-9.34	74.00	-28.58	300	149	Peak	Vertical		
7311.00	51.36	58.02	-6.66	54.00	-2.64	176	10	Average	Vertical		
7311.00	58.93	65.59	-6.66	74.00	-15.07	176	10	Peak	Vertical		

802.11g

High Channel (Horizontal)

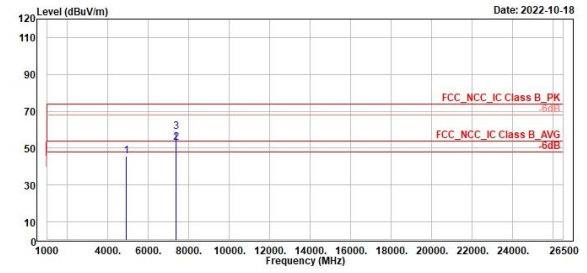
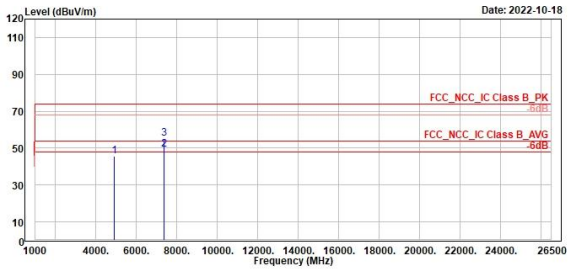
High Channel (Vertical)



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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	4924.00	45.73	54.65	-8.92	74.00	-28.27	200	147 Peak	Horizontal	
2	7386.00	49.10	55.50	-6.40	54.00	-4.90	178	129 Average	Horizontal	
3	7386.00	55.05	61.45	-6.40	74.00	-18.95	178	129 Peak	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.00	45.85	55.17	-9.32	74.00	-28.15	100	244 Peak	Vertical	
2	7386.00	52.96	59.50	-6.54	54.00	-1.04	200	331 Average	Vertical	
3	7386.00	58.96	65.50	-6.54	74.00	-15.04	200	331 Peak	Vertical	

802.11n HT20

Low Channel (Horizontal)

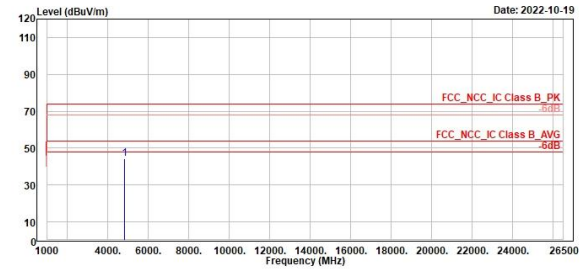
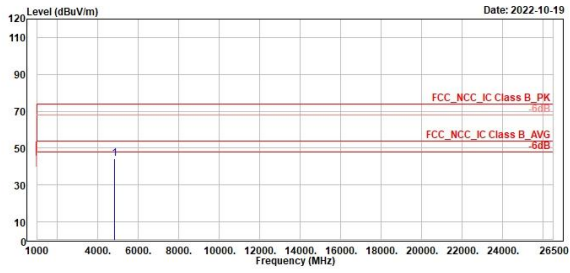
Low Channel (Vertical)



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1	4824.00	44.41	53.42	-9.01	74.00	-29.59	200	225	Peak	Horizontal
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1	4824.00	44.15	53.51	-9.36	74.00	-29.85	200	144	Peak	Vertical
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802.11n HT20

Middle Channel (Horizontal)

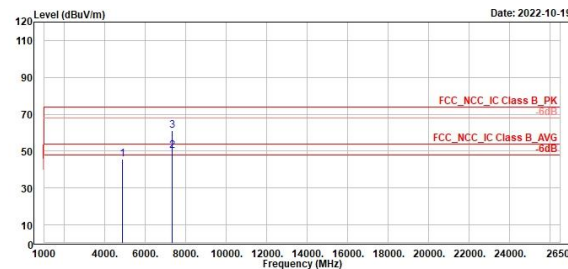
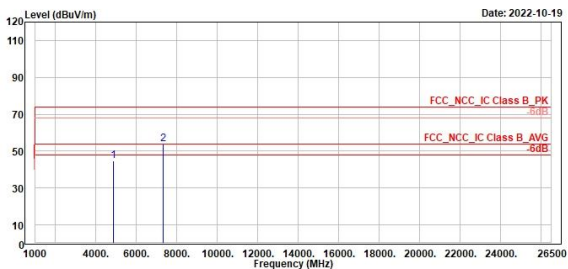
Middle Channel (Vertical)



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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	4874.00	44.49	53.48	-8.99	74.00	-29.51	200	146 Peak	Horizontal	
2	7311.00	53.64	60.14	-6.50	74.00	-20.36	100	224 Peak	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	45.48	54.82	-9.34	74.00	-28.52	400	153 Peak	Vertical	
2	7311.00	50.37	57.03	-6.66	54.00	-3.63	261	350 Average	Vertical	
3	7311.00	61.23	67.89	-6.66	74.00	-12.77	261	350 Peak	Vertical	

802.11n HT20

High Channel (Horizontal)

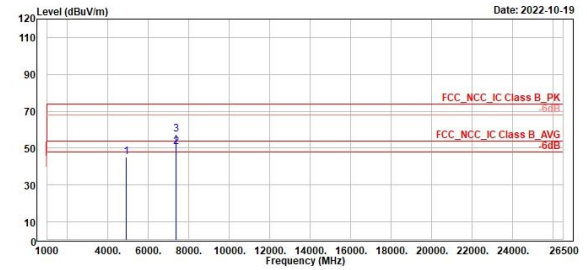
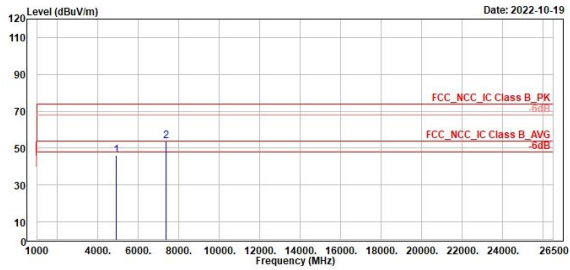
High Channel (Vertical)



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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	4924.00	46.15	55.07	-8.92	74.00	-27.85	200	211 Peak	Horizontal	
2	7386.00	53.86	60.26	-6.40	74.00	-20.14	200	125 Peak	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4924.00	45.28	54.60	-9.32	74.00	-28.72	100	146 Peak	Vertical	
2	7386.00	50.48	57.02	-6.54	54.00	-3.52	248	353 Average	Vertical	
3	7386.00	57.58	64.12	-6.54	74.00	-16.42	248	353 Peak	Vertical	

802.11n HT40

Low Channel (Horizontal)

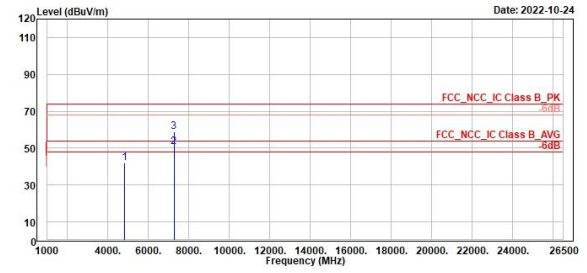
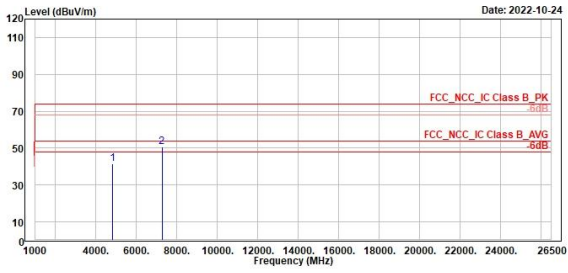
Low Channel (Vertical)



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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	4844.00	41.67	50.68	-9.01	74.00	-32.33	300	213 Peak	Horizontal	
2	7266.00	50.54	57.04	-6.50	74.00	-23.46	200	127 Peak	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4844.00	41.86	51.18	-9.32	74.00	-32.14	300	147 Peak	Vertical	
2	7266.00	50.75	57.38	-6.63	54.00	-3.25	288	15 Average	Vertical	
3	7266.00	58.64	65.27	-6.63	74.00	-15.36	288	15 Peak	Vertical	

802.11n HT40

Middle Channel (Horizontal)

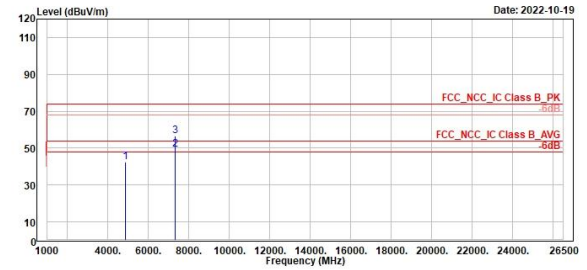
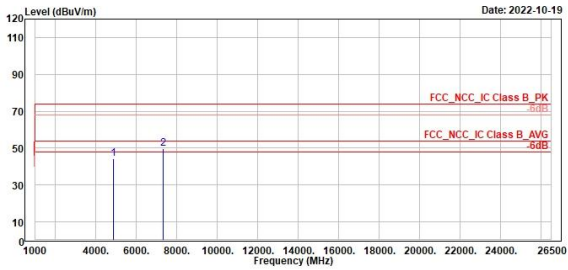
Middle Channel (Vertical)



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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	4874.00	44.09	53.08	-8.99	74.00	-29.91	300	212 Peak	Horizontal	
2	7311.00	49.53	56.03	-6.50	74.00	-24.47	400	342 Peak	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	42.23	51.57	-9.34	74.00	-31.77	200	138 Peak	Vertical	
2	7311.00	49.41	56.07	-6.66	54.00	-4.59	200	8 Average	Vertical	
3	7311.00	56.37	63.03	-6.66	74.00	-17.63	200	8 Peak	Vertical	

802.11n HT40

High Channel (Horizontal)

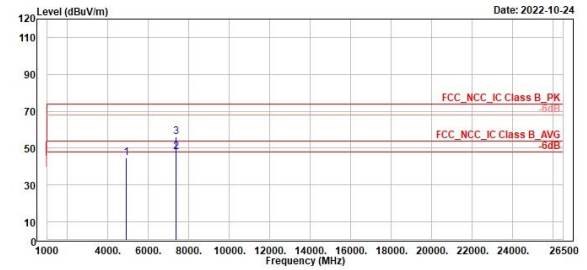
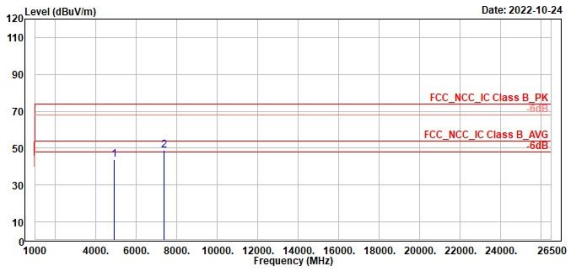
High Channel (Vertical)



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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	4904.00	43.87	52.84	-8.97	74.00	-30.13	300	213 Peak	Horizontal	
2	7356.00	48.85	55.38	-6.53	74.00	-25.15	200	219 Peak	Horizontal	

Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4904.00	44.78	54.15	-9.37	74.00	-29.22	100	224 Peak	Vertical	
2	7356.00	47.79	54.34	-6.55	54.00	-6.21	200	358 Average	Vertical	
3	7356.00	56.01	62.56	-6.55	74.00	-17.99	200	358 Peak	Vertical	



Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

(Line)

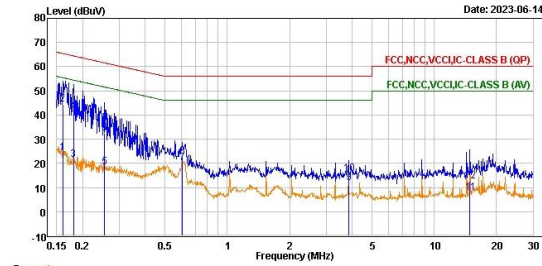
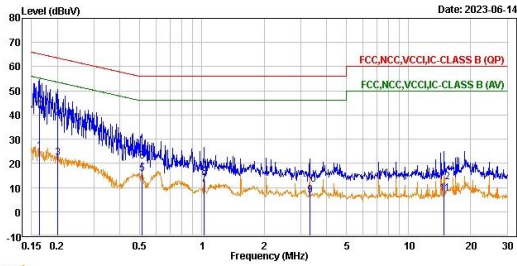
(Neutral)



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Trace: 1

Line	Freq (MHz)	Level (dBuV)	Read Level (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Remark	Pol/Phase	Note
1	0.16	24.90	15.28	9.62	55.30	-30.40	Average	line1	
2	0.16	44.14	34.52	9.62	65.30	-21.16	QP	line1	
3	0.20	22.20	12.58	9.62	53.56	-31.36	Average	line1	
4	0.20	38.35	28.73	9.62	63.56	-25.21	QP	line1	
5	0.51	15.51	5.88	9.63	46.00	-30.49	Average	line1	
6	0.51	20.69	11.06	9.63	56.00	-35.31	QP	line1	
7	1.02	11.25	1.61	9.64	46.00	-34.75	Average	line1	
8	1.02	14.20	4.56	9.64	56.00	-41.80	QP	line1	
9	3.33	6.75	-2.93	9.68	46.00	-39.25	Average	line1	
10	3.33	11.10	1.42	9.68	56.00	-44.90	QP	line1	
11	14.86	7.61	-2.15	9.76	50.00	-42.39	Average	line1	
12	14.86	12.39	2.63	9.76	60.00	-47.61	QP	line1	

Trace: 1

Line	Freq (MHz)	Level (dBuV)	Read Level (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Remark	Pol/Phase	Note
1	0.16	24.13	14.51	9.62	55.46	-31.33	Average	neutral	
2	0.16	44.34	34.72	9.62	65.46	-21.12	QP	neutral	
3	0.18	21.65	12.03	9.62	54.47	-32.82	Average	neutral	
4	0.18	41.44	31.82	9.62	64.47	-23.03	QP	neutral	
5	0.26	18.52	8.90	9.62	51.57	-33.05	Average	neutral	
6	0.26	22.30	22.68	9.62	61.57	-39.27	QP	neutral	
7	0.61	20.19	10.56	9.63	46.00	-25.81	Average	neutral	
8	0.61	23.02	13.39	9.63	56.00	-32.98	QP	neutral	
9	3.85	11.77	2.08	9.69	46.00	-34.23	Average	neutral	
10	3.85	15.78	6.09	9.69	56.00	-40.22	QP	neutral	
11	14.86	7.79	-2.04	9.83	50.00	-42.21	Average	neutral	
12	14.86	12.61	2.78	9.83	60.00	-47.39	QP	neutral	