

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

## Emission Test

### Band Edges, 2.31GHz ~ 2.9GHz

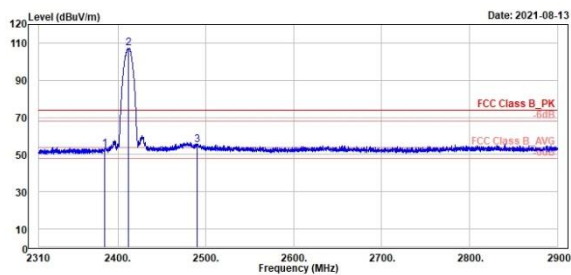
#### 802.11b

##### Low Channel (Horizontal) Peak

##### Low Channel (Vertical) Peak



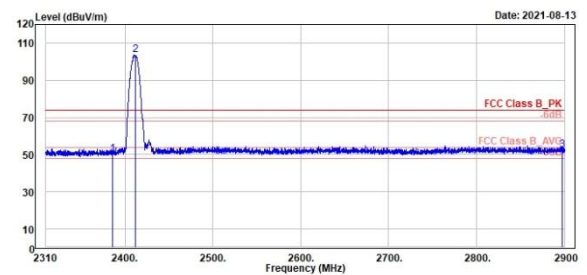
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Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2385.38	52.78	15.26	37.52	74.00	-21.22	220	176	Peak	Horizontal	
2 *	2412.00	107.24	69.52	37.72	74.00	33.24	220	176	Peak	Horizontal	
3	2489.86	55.14	16.94	38.20	74.00	-18.86	220	176	Peak	Horizontal	



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Peak	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	2386.33	50.35	12.81	37.54	74.00	-23.65	394	210	Peak	Vertical	
2 *	2412.00	103.79	66.07	37.72	74.00	29.79	394	210	Peak	Vertical	
3	2897.41	52.40	13.79	38.61	74.00	-21.60	394	210	Peak	Vertical	

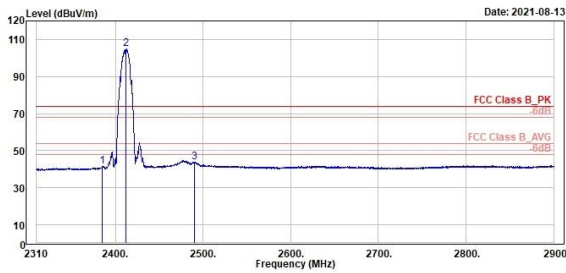
802.11b

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



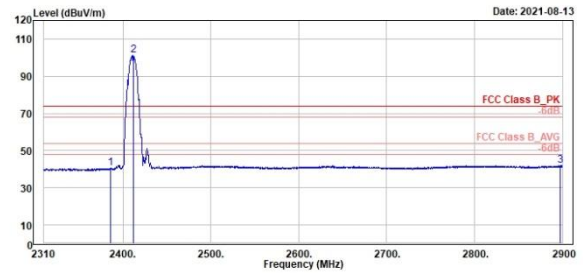
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2385.38	41.60	4.08	37.52	74.00	-32.40	220	176 Average	Horizontal	
2 *	2412.00	104.74	67.02	37.72	74.00	30.74	220	176 Average	Horizontal	
3	2489.86	44.01	5.81	38.20	74.00	-29.99	220	176 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	2385.33	40.60	3.14	37.54	54.00	-13.32	394	210 Average	Vertical	
2 *	2412.00	101.26	63.54	37.72	54.00	47.26	394	210 Average	Vertical	
3	2897.41	41.95	3.34	38.61	54.00	-12.05	394	210 Average	Vertical	

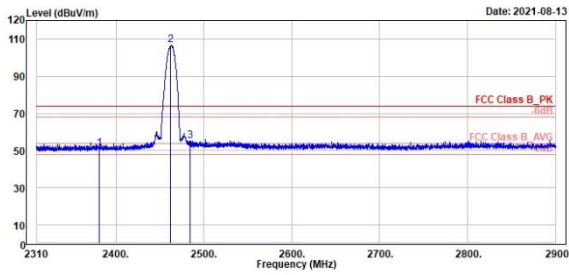
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High Channel (Horizontal) Peak

High Channel (Vertical) Peak



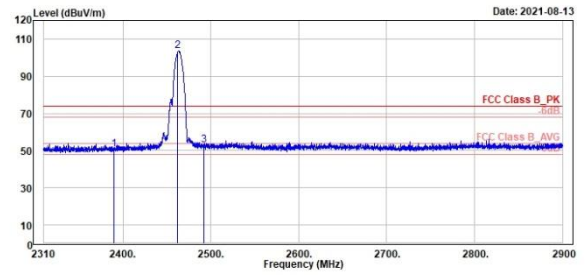
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2389.91	50.92	13.42	37.50	74.00	-23.08	188	59	Peak	Horizontal	
2 *	2462.00	106.00	66.74	38.06	74.00	32.00	188	59	Peak	Horizontal	
3	2483.97	55.01	16.84	38.17	74.00	-18.99	188	59	Peak	Horizontal	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2389.90	50.63	13.07	37.56	74.00	-23.37	222	183	Peak	Vertical	
2 *	2462.00	103.69	65.63	38.06	74.00	29.69	222	183	Peak	Vertical	
3	2491.75	52.71	14.50	38.21	74.00	-21.29	222	183	Peak	Vertical	

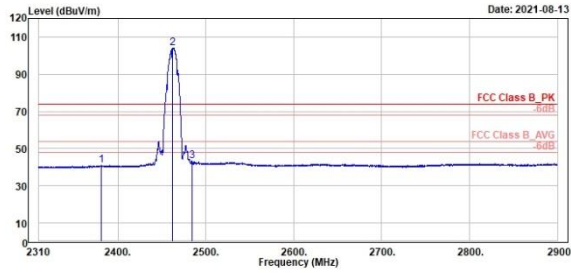
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High Channel (Horizontal) Average

High Channel (Vertical) Average



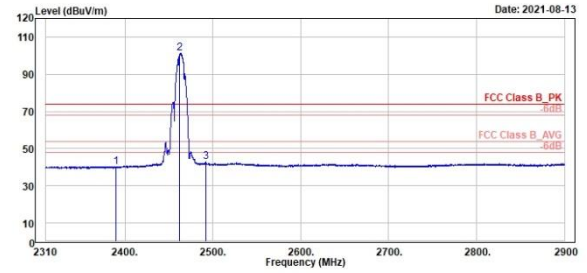
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1	2	3
2389.91	2462.00	2483.97
40.90	104.24	43.55
3.40	66.18	5.38
37.50	38.06	38.17
54.00	54.00	54.00
-13.02	50.24	-10.45
180	188	188
59	59	59
Average	Average	Average
Horizontal	Horizontal	Horizontal



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1	2	3
2389.90	2462.00	2491.75
40.30	101.19	42.69
2.74	63.13	4.48
37.56	38.06	38.21
54.00	54.00	54.00
-13.70	47.19	-11.31
222	222	222
183	183	183
Average	Average	Average
Vertical	Vertical	Vertical

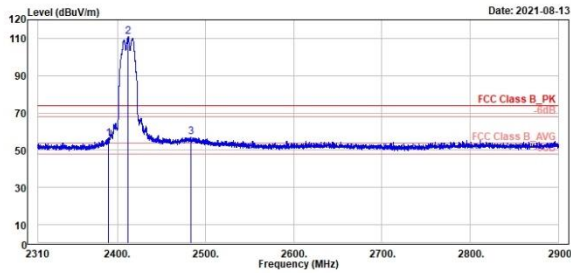
802.11g

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



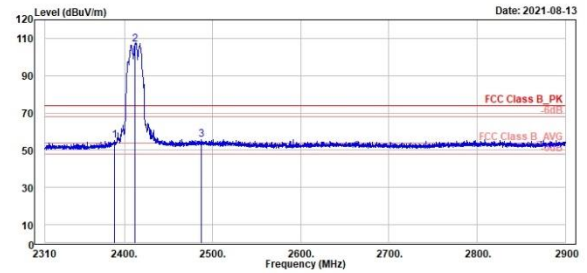
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Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2390.00	56.33	18.77	37.56	74.00	-17.67	218	171	Peak	Horizontal	
2 *	2412.00	118.70	72.98	37.72	74.00	36.70	218	171	Peak	Horizontal	
3	2483.81	57.04	18.87	38.17	74.00	-16.96	218	171	Peak	Horizontal	



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Peak	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	2388.94	55.28	17.73	37.55	74.00	-18.72	393	207	Peak	Vertical	
2 *	2412.00	106.61	68.89	37.72	74.00	32.61	393	207	Peak	Vertical	
3	2487.35	55.87	17.68	38.19	74.00	-18.13	393	207	Peak	Vertical	

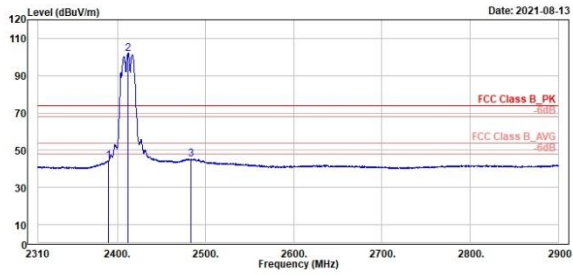
802.11g

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



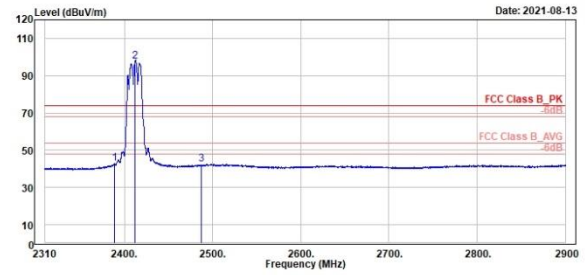
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2390.00	44.13	6.57	37.56	54.00	-9.87	218	171 Average	Horizontal	
2 *	2412.00	101.60	63.88	37.72	54.00	47.60	218	171 Average	Horizontal	
3	2483.81	45.25	7.08	38.17	54.00	-8.75	218	171 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	2388.94	42.67	5.12	37.55	54.00	-11.33	393	207 Average	Vertical	
2 *	2412.00	97.70	59.98	37.72	54.00	43.70	393	207 Average	Vertical	
3	2487.35	42.33	4.14	38.19	54.00	-11.67	393	207 Average	Vertical	

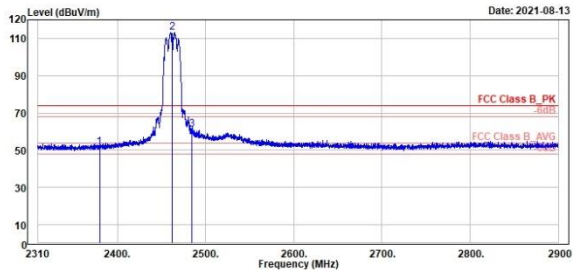
802.11g

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



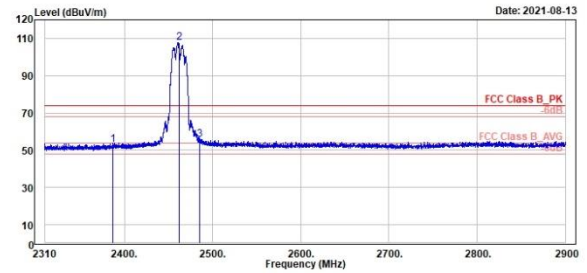
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Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2379.74	51.37	13.88	37.49	74.00	-22.63	110	170	Peak	Horizontal	
2 *	2462.00	113.19	75.13	38.06	74.00	39.19	110	170	Peak	Horizontal	
3	2484.76	61.28	23.11	38.17	74.00	-12.72	110	170	Peak	Horizontal	



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Peak	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	2386.58	52.90	15.36	37.54	74.00	-21.10	245	194	Peak	Vertical	
2 *	2462.00	107.82	69.76	38.06	74.00	33.82	245	194	Peak	Vertical	
3	2485.23	55.88	17.71	38.17	74.00	-18.12	245	194	Peak	Vertical	

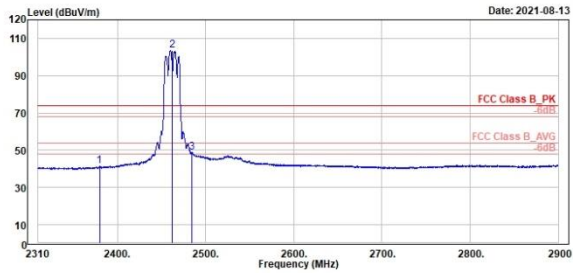
802.11g

High Channel (Horizontal) Average

High Channel (Vertical) Average



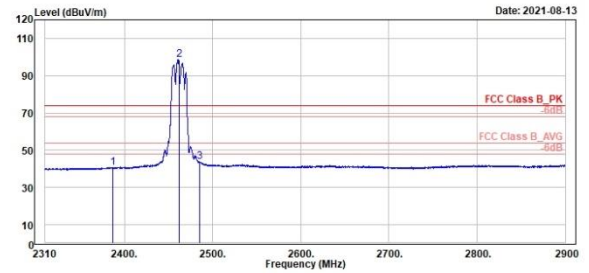
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
2379.74	41.43	3.94	37.49	54.00	-12.57	110	170	Average	Horizontal										
2462.00	103.49	65.43	38.06	54.00	49.49	110	170	Average	Horizontal										
2484.76	48.83	10.66	38.17	54.00	-5.17	110	170	Average	Horizontal										



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
2386.58	40.80	3.26	37.54	54.00	-13.20	245	194	Average	Vertical										
2462.00	98.39	60.33	38.06	54.00	44.39	245	194	Average	Vertical										
2485.23	43.90	5.73	38.17	54.00	-10.10	245	194	Average	Vertical										



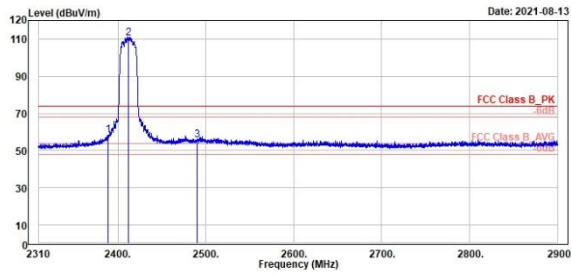
802.11n HT20

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



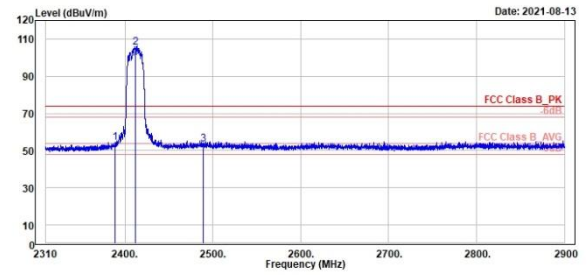
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Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2388.00	58.18	20.63	37.55	74.00	-15.82	223	170	Peak	Horizontal	
2 *	2412.00	110.51	72.79	37.72	74.00	36.51	223	170	Peak	Horizontal	
3	2498.57	55.74	17.54	38.20	74.00	-18.26	223	170	Peak	Horizontal	



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Peak	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	2389.04	54.40	16.93	37.55	74.00	-19.52	224	192	Peak	Vertical	
2 *	2412.00	105.48	67.76	37.72	74.00	31.48	224	192	Peak	Vertical	
3	2489.04	53.35	15.15	38.20	74.00	-20.65	224	192	Peak	Vertical	

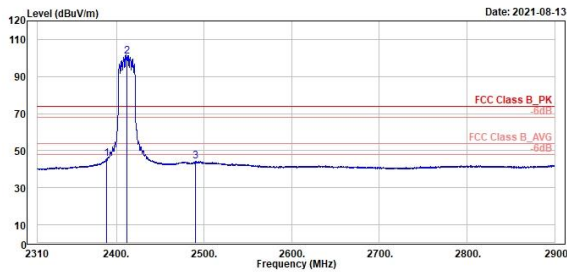
802.11n HT20

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



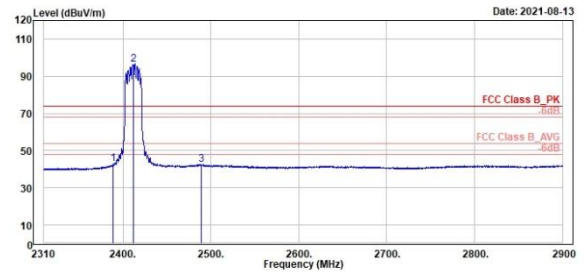
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1	2	3							
Freq	Level	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
2388.80	45.56	8.01	37.55	54.00	-8.44	223	170 Average	Horizontal	
2412.00	100.77	63.05	37.72	54.00	46.77	223	170 Average	Horizontal	
2490.57	44.25	6.05	38.20	54.00	-9.75	223	170 Average	Horizontal	



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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		
2389.04	42.01	5.26	37.55	54.00	-11.19	224	192 Average	Vertical	
2412.00	96.09	58.37	37.72	54.00	42.09	224	192 Average	Vertical	
2489.04	42.49	4.29	38.20	54.00	-11.51	224	192 Average	Vertical	

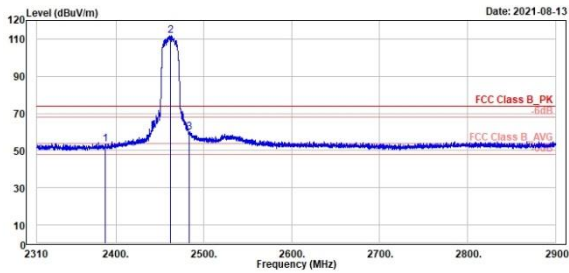
802.11n HT20

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



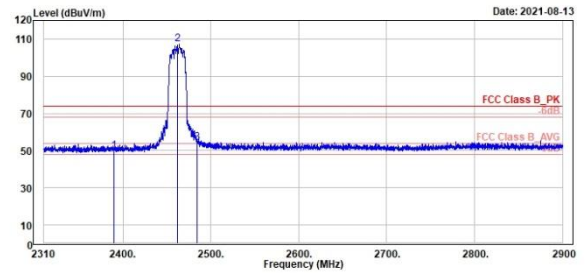
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Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2387.98	53.27	15.72	37.55	74.00	-20.73	110	168	Peak	Horizontal	
2 *	2462.00	111.66	73.60	38.06	74.00	37.66	110	168	Peak	Horizontal	
3	2483.74	59.69	21.53	38.16	74.00	-14.31	110	168	Peak	Horizontal	



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Peak	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	2389.51	49.63	12.07	37.56	74.00	-24.37	332	270	Peak	Vertical	
2 *	2462.00	107.16	69.10	38.06	74.00	33.16	332	270	Peak	Vertical	
3	2483.97	54.45	16.28	38.17	74.00	-19.55	332	270	Peak	Vertical	

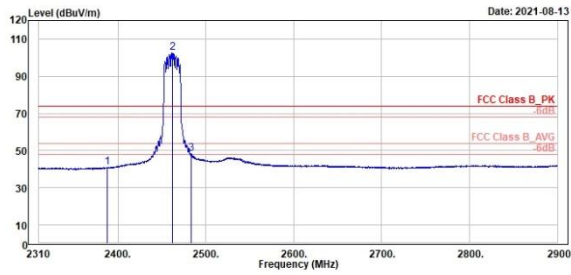
802.11n HT20

High Channel (Horizontal) Average

High Channel (Vertical) Average



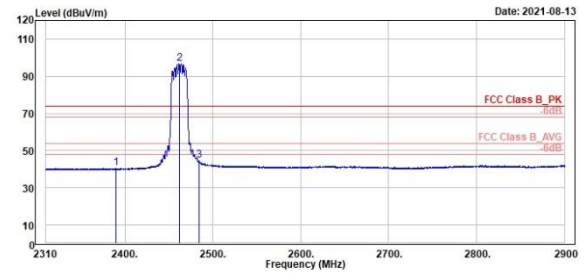
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
2387.98	40.90	3.35	37.55	54.00	-13.10	110	168	Average	Horizontal										
2462.00	102.51	64.45	38.06	54.00	48.51	110	168	Average	Horizontal										
2483.74	48.22	10.06	38.16	54.00	-5.78	110	168	Average	Horizontal										



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg												
2389.51	40.40	2.92	37.56	54.00	-13.52	332	270	Average	Vertical										
2462.00	96.91	58.85	38.06	54.00	42.91	332	270	Average	Vertical										
2483.97	44.54	6.37	38.17	54.00	-9.46	332	270	Average	Vertical										

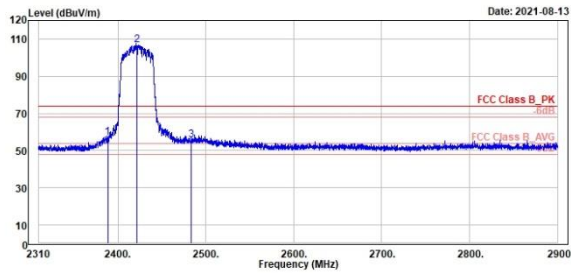
802.11n HT40

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



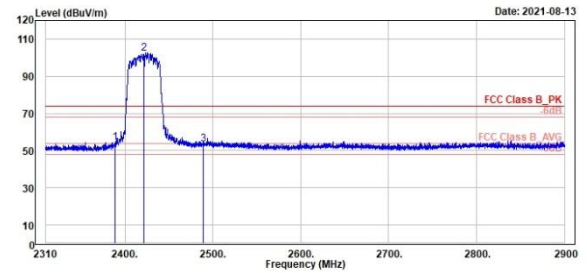
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Peak No.	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2388.45	57.11	19.56	37.55	74.00	-16.89	216	170	Peak	Horizontal	
2 *	2422.00	106.99	69.29	37.79	74.00	32.99	216	178	Peak	Horizontal	
3	2483.86	55.78	17.61	38.17	74.00	-18.22	216	170	Peak	Horizontal	



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Peak No.	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	2389.15	54.42	16.87	37.55	74.00	-19.58	234	185	Peak	Vertical	
2 *	2422.00	102.04	64.25	37.79	74.00	28.04	234	185	Peak	Vertical	
3	2489.16	53.48	15.28	38.20	74.00	-20.52	234	185	Peak	Vertical	

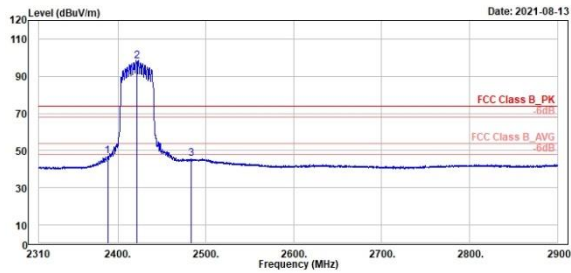
802.11n HT40

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



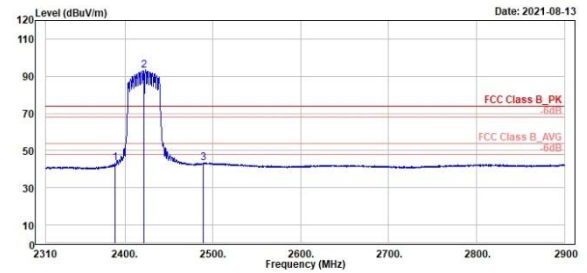
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Freq	Level	Read Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2388.45	46.09	9.34	37.55	54.00	-7.11	216	170 Average	Horizontal	
2 *	2422.00	98.00	60.21	37.79	54.00	44.00	216	170 Average	Horizontal	
3	2483.86	45.56	7.39	38.17	54.00	-8.44	216	170 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	2389.15	43.19	5.64	37.55	54.00	-10.81	234	185 Average	Vertical	
2 *	2422.00	92.00	55.10	37.79	54.00	38.89	234	185 Average	Vertical	
3	2489.16	43.31	5.11	38.20	54.00	-10.69	234	185 Average	Vertical	

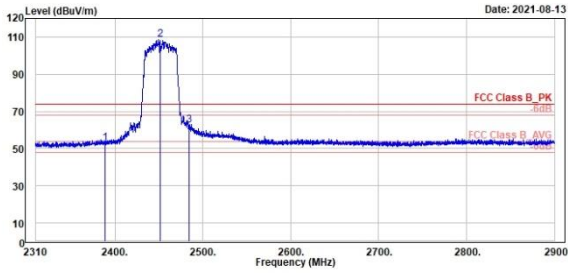
802.11n HT40

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



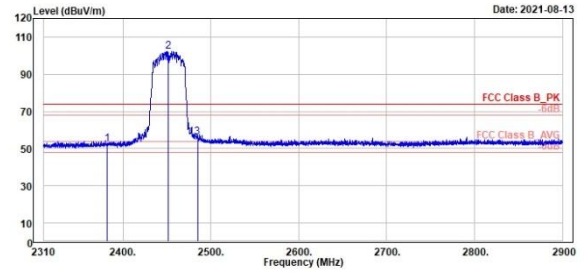
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2388.00	52.71	15.16	37.55	74.00	-21.29	137	172	Peak	Horizontal	
2 *	2452.00	108.00	70.80	38.00	74.00	34.00	137	172	Peak	Horizontal	
3	2484.09	62.44	24.27	38.17	74.00	-11.56	137	172	Peak	Horizontal	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Level Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	2381.05	52.30	14.88	37.50	74.00	-21.62	244	194	Peak	Vertical	
2 *	2452.00	102.33	64.33	38.00	74.00	28.33	244	194	Peak	Vertical	
3	2484.92	56.23	18.06	38.17	74.00	-17.77	244	194	Peak	Vertical	

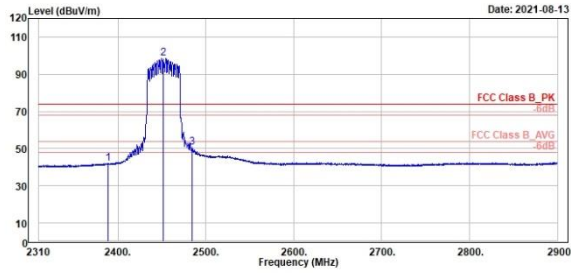
802.11n HT40

High Channel (Horizontal) Average

High Channel (Vertical) Average



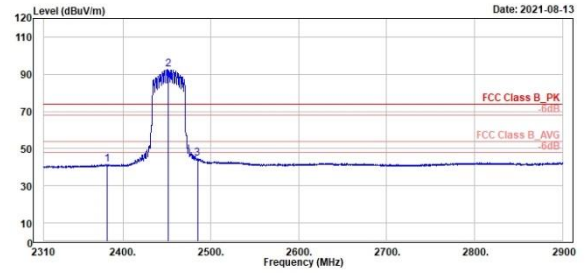
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Freq	Level	Read Level Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2388.00	42.03	4.40	37.55	54.00	-11.97	137	172 Average	Horizontal
2 *	2452.00	98.42	60.42	38.00	54.00	44.42	137	172 Average	Horizontal
3 !	2484.09	50.77	12.60	38.17	54.00	-3.23	137	172 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	2381.05	41.54	4.04	37.50	54.00	-12.46	244	194 Average	Vertical
2 *	2452.00	92.43	54.43	38.00	54.00	38.43	244	194 Average	Vertical
3	2484.92	44.64	6.47	38.17	54.00	-9.36	244	194 Average	Vertical



**Spurious Emissions, Tx Mode, 9kHz ~ 30MHz**

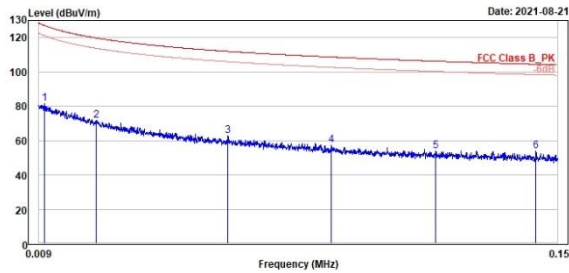
**802.11b**

**Low Channel (Open) 9kHz~150kHz**

**Low Channel (Open) 150kHz~30MHz**



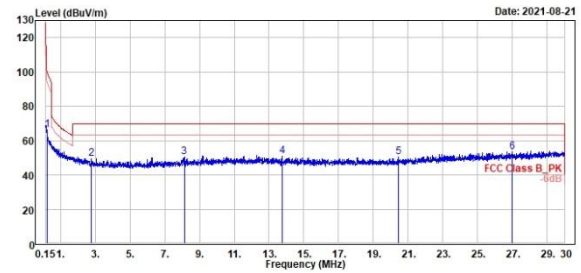
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	81.33	4.84	76.49	127.05	-45.72	100	227	QP		Open
2	71.62	0.78	70.92	119.79	-48.17	100	342	QP		Open
3	62.75	0.28	62.47	111.97	-49.22	100	350	QP		Open
4	57.42	-1.35	58.77	108.65	-51.23	100	80	QP		Open
5	53.98	-2.56	56.54	106.25	-52.27	100	352	QP		Open
6	53.67	-1.69	55.36	104.42	-50.75	100	328	QP		Open



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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	66.18	13.88	52.30	100.92	-34.74	100	136	QP		Open
2	49.41	11.99	37.42	69.50	-20.09	100	118	QP		Open
3	50.46	12.97	37.49	69.50	-19.04	100	138	QP		Open
4	50.98	13.87	37.11	69.50	-18.52	100	60	QP		Open
5	50.42	12.76	37.66	69.50	-19.08	100	59	QP		Open
6	53.27	12.55	40.72	69.50	-16.23	100	189	QP		Open

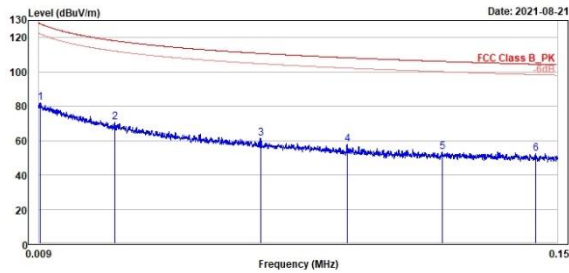
802.11b

Low Channel (Close) 9kHz~150kHz

Low Channel (Close) 150kHz~30MHz



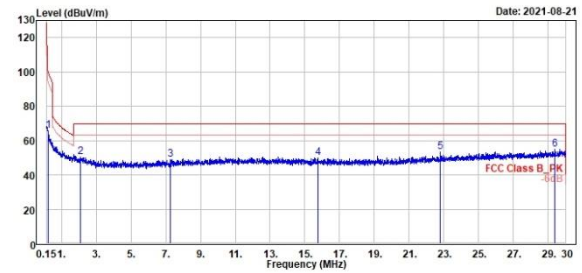
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Freq	Level	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.01	81.95	4.40	77.47	120.18	-46.23	100	71	QP	Close
2	0.03	70.53	1.63	68.90	118.16	-47.63	100	234	QP	Close
3	0.07	61.18	-0.13	61.31	110.78	-49.60	100	288	QP	Close
4	0.09	57.74	-0.47	58.21	108.25	-50.51	100	319	QP	Close
5	0.12	53.54	-2.91	56.45	106.10	-52.56	100	223	QP	Close
6	0.14	52.62	-2.75	55.37	104.43	-51.81	100	307	QP	Close



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Freq	Level	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note	
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.22	65.83	13.53	52.30	100.92	-35.09	100	274	QP	Close
2	2.07	50.58	11.71	38.87	69.50	-18.92	100	37	QP	Close
3	7.27	49.04	11.86	37.18	69.50	-20.46	100	194	QP	Close
4	15.74	50.01	12.25	37.76	69.50	-19.49	100	278	QP	Close
5	22.78	53.28	14.53	38.75	69.50	-16.22	100	216	QP	Close
6	29.37	54.62	12.79	41.83	69.50	-14.68	100	132	QP	Close

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

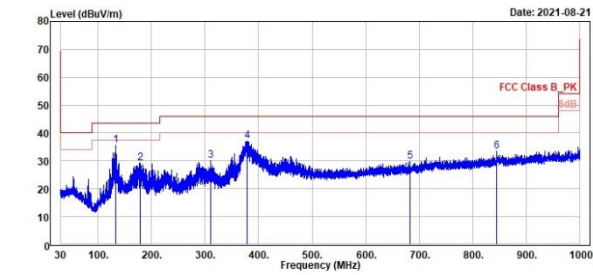
802.11b

Low Channel (Horizontal)

Low Channel (Vertical)



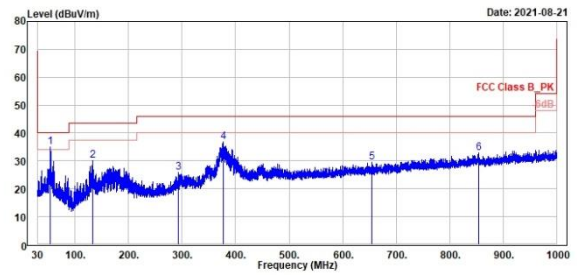
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	Freq	Level	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	132.53	35.44	43.74	-8.30	43.50	-8.06	200	92	QP	Horizontal
2	179.48	29.31	37.75	-8.44	43.50	-14.19	200	274	QP	Horizontal
3	318.72	30.24	36.43	-6.19	46.00	-15.76	300	281	QP	Horizontal
4	378.62	36.97	41.75	-4.78	46.00	-9.03	100	156	QP	Horizontal
5	683.28	29.81	29.77	0.04	46.00	-16.19	200	278	QP	Horizontal
6	845.09	33.46	38.91	2.55	46.00	-12.54	200	116	QP	Horizontal



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	Freq	Level	Read	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	52.99	34.99	42.60	-7.61	40.00	-5.01	100	23	QP	Vertical
2	132.43	30.24	38.56	-8.32	43.50	-13.26	116	0	QP	Vertical
3	292.68	25.89	32.53	-6.64	46.00	-20.11	400	15	QP	Vertical
4	377.45	36.67	41.48	-4.81	46.00	-9.33	100	183	QP	Vertical
5	655.36	29.47	29.93	-0.46	46.00	-16.53	100	236	QP	Vertical
6	854.31	32.88	30.11	2.69	46.00	-13.20	200	289	QP	Vertical

**Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz**

**802.11b**

**Low Channel (Horizontal)**

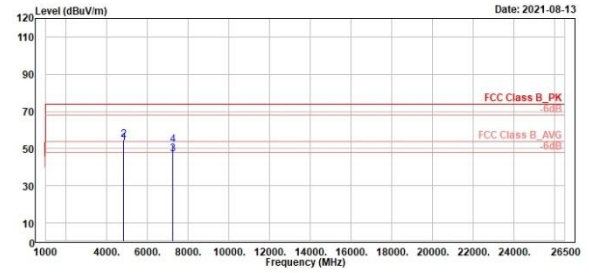
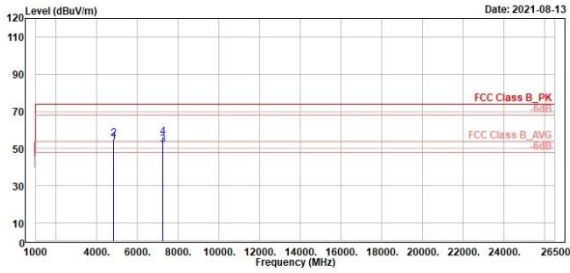
**Low Channel (Vertical)**



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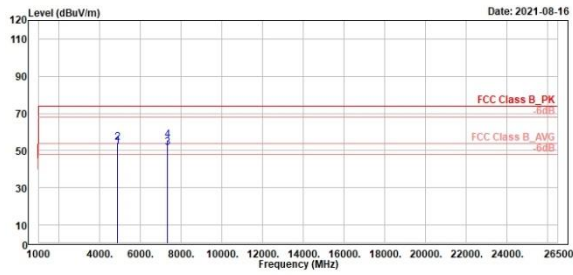
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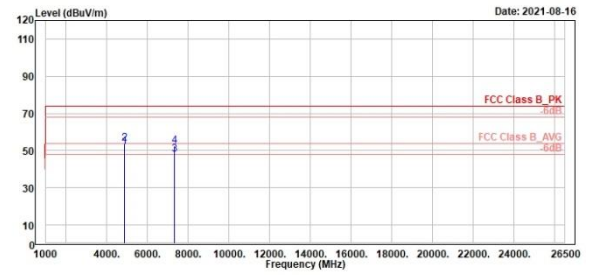
Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	53.61	63.37	-9.76	54.00	-0.39	107	300 Average	Horizontal	
2	4824.00	55.12	64.88	-9.76	74.00	-18.88	107	300 Peak	Horizontal	
3	7236.00	52.11	59.41	-7.30	74.74	-22.63	100	86 Average	Horizontal	
4	7236.00	55.90	63.20	-7.30	77.24	-21.34	100	86 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	52.73	62.49	-9.76	54.00	-1.27	350	248 Average	Vertical	
2	4824.00	54.66	64.42	-9.76	74.00	-19.34	350	248 Peak	Vertical	
3	7236.00	46.84	54.14	-7.30	71.26	-24.42	400	53 Average	Vertical	
4	7236.00	51.85	59.15	-7.30	73.79	-21.94	400	53 Peak	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	
1	Level	Read	Level	Factor	Limit	Over	Limit	APos	TPos	Remark	Pol/Phase	Note
	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg				
1	4874.00	52.10	61.77	-9.67	54.00	-1.90	117	300	Average	Horizontal		
2	4874.00	54.07	63.74	-9.67	74.00	-19.93	117	300	Peak	Horizontal		
3	7311.00	51.51	58.76	-7.25	54.00	-2.49	114	76	Average	Horizontal		
4	7311.00	55.58	62.83	-7.25	74.00	-18.42	114	76	Peak	Horizontal		


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1	2	3	4	5	6	7	8	9	10	11	12	
1	Level	Read	Level	Factor	Limit	Over	Limit	APos	TPos	Remark	Pol/Phase	Note
	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg				
1	4874.00	51.91	61.58	-9.67	54.00	-2.09	343	248	Average	Vertical		
2	4874.00	53.84	63.51	-9.67	74.00	-20.16	343	248	Peak	Vertical		
3	7311.00	47.79	55.04	-7.25	54.00	-6.21	110	101	Average	Vertical		
4	7311.00	52.45	59.70	-7.25	74.00	-21.55	110	101	Peak	Vertical		

802.11b

High Channel (Horizontal)

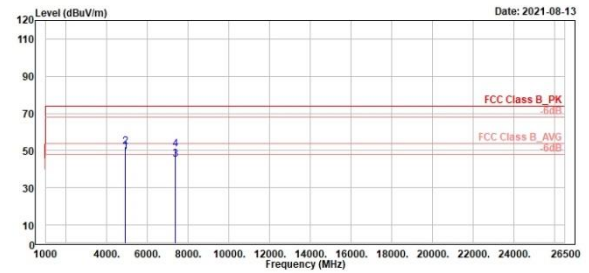
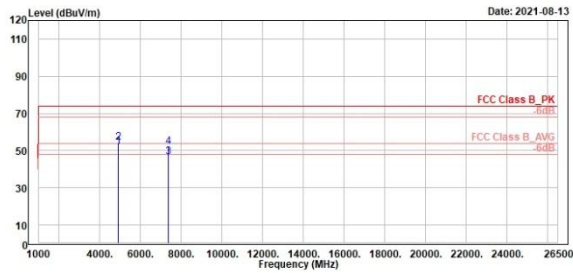
High Channel (Vertical)



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1	2	3	4						
1	2	3	4						
1	2	3	4						
4924.00	51.99	61.52	-9.53	54.00	-2.01	123	62	Average	Horizontal
4924.00	54.31	63.84	-9.53	74.00	-19.69	123	62	Peak	Horizontal
7386.00	46.43	53.76	-7.33	54.00	-7.57	102	52	Average	Horizontal
7386.00	51.88	59.21	-7.33	74.00	-22.12	102	52	Peak	Horizontal

1	2	3	4						
1	2	3	4						
1	2	3	4						
4924.00	49.33	58.86	-9.53	54.00	-4.67	398	119	Average	Vertical
4924.00	52.16	61.69	-9.53	74.00	-21.84	398	119	Peak	Vertical
7386.00	45.22	52.55	-7.33	54.00	-8.78	396	246	Average	Vertical
7386.00	50.68	57.93	-7.33	74.00	-23.40	396	246	Peak	Vertical

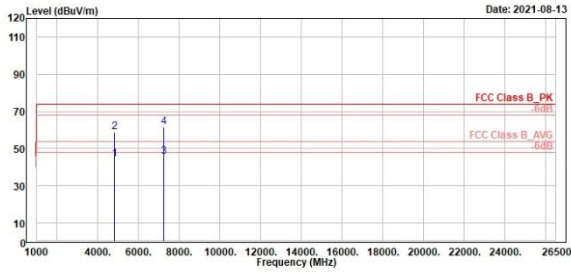
802.11g

Low Channel (Horizontal)

Low Channel (Vertical)



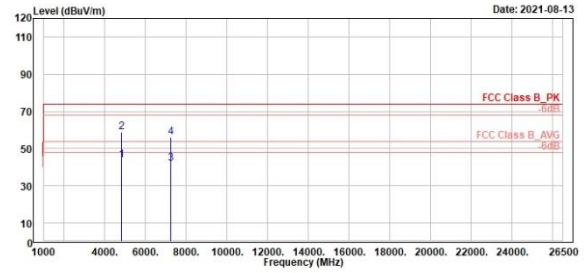
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1	2	3	4								
Level	Level	Level	Level								
Factor	Factor	Factor	Factor								
Line	Line	Line	Line								
Limit	Limit	Limit	Limit								
Over	Over	Over	Over								
Limit	Limit	Limit	Limit								
Apos	Apos	Apos	Apos								
TPos	TPos	TPos	TPos								
Remark	Remark	Remark	Remark								
Pol/Phase	Pol/Phase	Pol/Phase	Pol/Phase								
Note	Note	Note	Note								
1	4824.00	44.35	54.11	-9.76	54.00	-9.65	100	300	Average	Horizontal	
2	4824.00	58.68	68.44	-9.76	74.00	-15.32	100	300	Peak	Horizontal	
3	7236.00	45.78	53.08	-7.30	72.21	-26.43	100	90	Average	Horizontal	
4	7236.00	61.42	68.72	-7.30	80.83	-19.41	100	90	Peak	Horizontal	



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1	2	3	4								
Level	Level	Level	Level								
Factor	Factor	Factor	Factor								
Line	Line	Line	Line								
Limit	Limit	Limit	Limit								
Over	Over	Over	Over								
Limit	Limit	Limit	Limit								
Apos	Apos	Apos	Apos								
TPos	TPos	TPos	TPos								
Remark	Remark	Remark	Remark								
Pol/Phase	Pol/Phase	Pol/Phase	Pol/Phase								
Note	Note	Note	Note								
1	4824.00	43.58	53.34	-9.76	54.00	-10.42	331	273	Average	Vertical	
2	4824.00	58.79	68.55	-9.76	74.00	-15.21	331	273	Peak	Vertical	
3	7236.00	42.03	49.33	-7.30	54.00	-11.97	400	53	Average	Vertical	
4	7236.00	56.14	63.44	-7.30	74.00	-17.86	400	53	Peak	Vertical	

802.11g

Middle Channel (Horizontal)

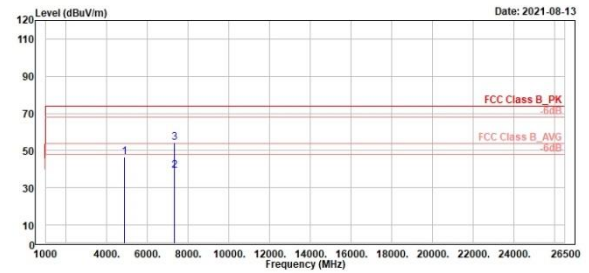
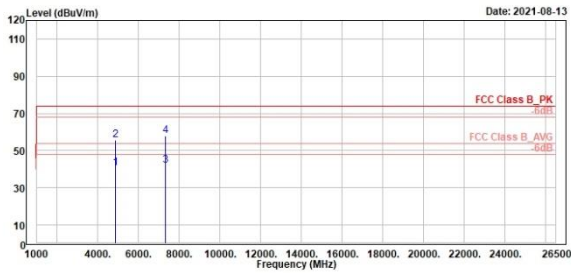
Middle Channel (Vertical)



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Line	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	4874.00	40.40	50.07	-9.67	54.00	-13.60	100	305	Average	Horizontal	
2	4874.00	55.54	65.21	-9.67	74.00	-18.46	100	305	Peak	Horizontal	
3	7311.00	41.93	49.18	-7.25	54.00	-12.07	110	87	Average	Horizontal	
4	7311.00	57.79	65.04	-7.25	74.00	-16.21	110	87	Peak	Horizontal	

Line	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	4874.00	46.60	56.35	-9.67	74.00	-27.32	300	251	Peak	Vertical	
2	7311.00	39.40	46.65	-7.25	54.00	-14.60	372	51	Average	Vertical	
3	7311.00	54.45	61.70	-7.25	74.00	-19.55	372	51	Peak	Vertical	



802.11g

High Channel (Horizontal)

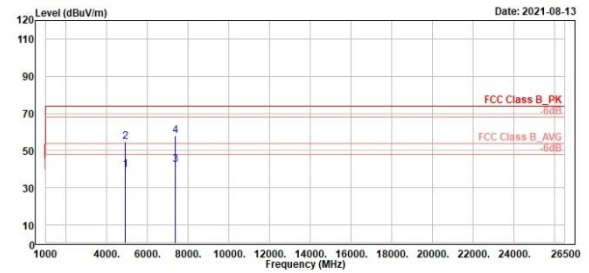
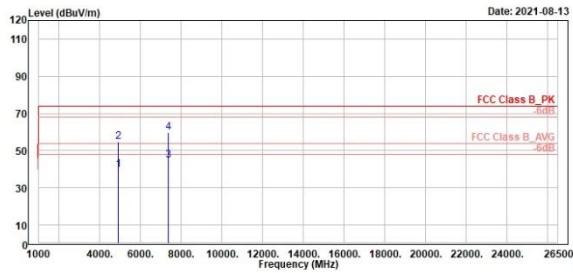
High Channel (Vertical)



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1	2	3	4								
Level	Level	Level	Level								
Factor	Factor	Factor	Factor								
Limit	Limit	Limit	Limit								
Line	Line	Line	Line								
Over	Over	Over	Over								
Limit	Limit	Limit	Limit								
Apos	Apos	Apos	Apos								
TPos	TPos	TPos	TPos								
Remark	Remark	Remark	Remark								
Pol/Phase	Pol/Phase	Pol/Phase	Pol/Phase								
Note	Note	Note	Note								
1	4924.00	39.71	49.24	-9.53	54.00	-14.29	123	65	Average	Horizontal	
2	4924.00	54.61	64.14	-9.53	74.00	-19.39	123	65	Peak	Horizontal	
3	7386.00	44.71	52.04	-7.33	54.00	-9.29	115	89	Average	Horizontal	
4	7386.00	59.88	67.21	-7.33	74.00	-14.12	115	89	Peak	Horizontal	

1	2	3	4								
Level	Level	Level	Level								
Factor	Factor	Factor	Factor								
Limit	Limit	Limit	Limit								
Line	Line	Line	Line								
Over	Over	Over	Over								
Limit	Limit	Limit	Limit								
Apos	Apos	Apos	Apos								
TPos	TPos	TPos	TPos								
Remark	Remark	Remark	Remark								
Pol/Phase	Pol/Phase	Pol/Phase	Pol/Phase								
Note	Note	Note	Note								
1	4924.00	39.71	49.24	-9.53	54.00	-14.29	318	270	Average	Vertical	
2	4924.00	54.83	64.36	-9.53	74.00	-19.17	318	270	Peak	Vertical	
3	7386.00	42.40	49.73	-7.33	54.00	-11.60	100	113	Average	Vertical	
4	7386.00	57.87	65.20	-7.33	74.00	-16.13	100	113	Peak	Vertical	

802.11n HT20

Low Channel (Horizontal)

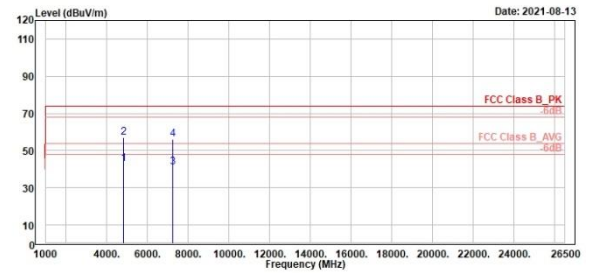
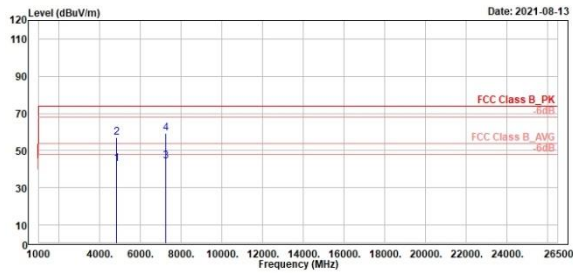
Low Channel (Vertical)



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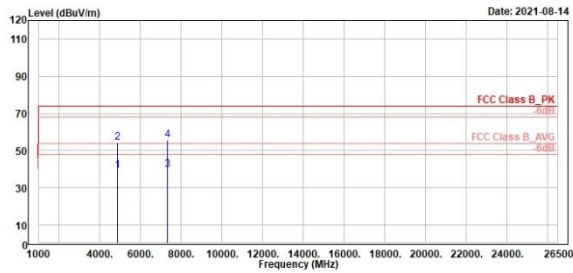


Line	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4824.00	43.01	52.77	-9.76	54.00	-10.99	119	385	Average	Horizontal	
2	4824.00	57.03	66.79	-9.76	74.00	-16.97	119	385	Peak	Horizontal	
3	7236.00	44.10	51.40	-7.30	54.00	-9.90	103	78	Average	Horizontal	
4	7236.00	59.35	66.65	-7.30	74.00	-14.65	103	78	Peak	Horizontal	

Line	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	42.91	52.67	-9.76	54.00	-11.09	333	274	Average	Vertical	
2	4824.00	57.17	66.93	-9.76	74.00	-16.83	333	274	Peak	Vertical	
3	7236.00	41.15	48.45	-7.30	54.00	-12.85	380	248	Average	Vertical	
4	7236.00	56.30	63.60	-7.30	74.00	-17.70	380	248	Peak	Vertical	

**802.11n HT20**
**Middle Channel (Horizontal)**
**Middle Channel (Vertical)**

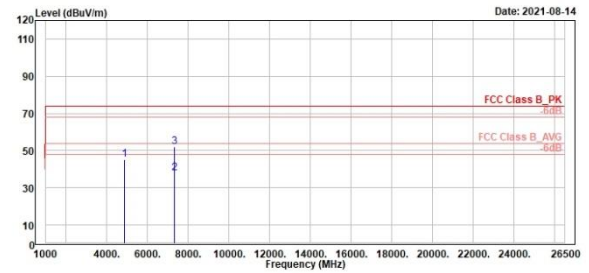

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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	39.20	48.07	-9.67	54.00	-14.00	199	303 Average	Horizontal	
2	4874.00	54.49	64.16	-9.67	74.00	-19.51	189	303 Peak	Horizontal	
3	7311.00	39.82	47.07	-7.25	54.00	-14.18	102	80 Average	Horizontal	
4	7311.00	55.70	62.95	-7.25	74.00	-18.30	102	80 Peak	Horizontal	



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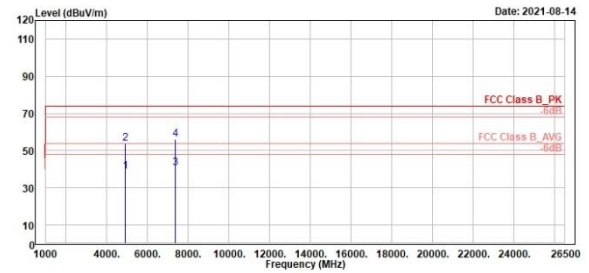
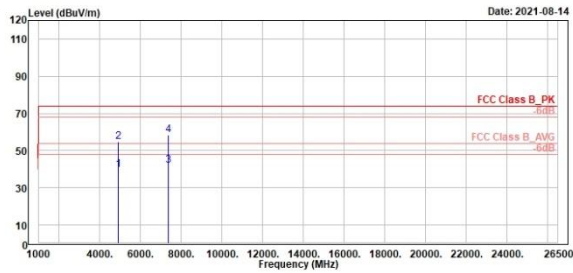
Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	45.23	54.90	-9.67	74.00	-28.77	490	262 Peak	Vertical	
2	7311.00	37.71	44.96	-7.25	54.00	-16.29	304	62 Average	Vertical	
3	7311.00	52.07	59.32	-7.25	74.00	-21.93	304	62 Peak	Vertical	

**802.11n HT20**
**High Channel (Horizontal)**
**High Channel (Vertical)**


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1	2	3	4								
Level	Level	Level	Level								
Factor	Factor	Factor	Factor								
Line	Line	Line	Line								
Limit	Limit	Limit	Limit								
Over	Over	Over	Over								
Limit	Limit	Limit	Limit								
Apos	Apos	Apos	Apos								
TPos	TPos	TPos	TPos								
Remark	Remark	Remark	Remark								
Pol/Phase	Pol/Phase	Pol/Phase	Pol/Phase								
Note	Note	Note	Note								
1	4924.00	39.79	49.32	-9.53	54.00	-14.21	115	298	Average	Horizontal	
2	4924.00	54.85	64.38	-9.53	74.00	-19.15	115	298	Peak	Horizontal	
3	7386.00	42.17	49.50	-7.33	54.00	-11.83	103	79	Average	Horizontal	
4	7386.00	58.39	65.72	-7.33	74.00	-15.61	103	79	Peak	Horizontal	

1	2	3	4								
Level	Level	Level	Level								
Factor	Factor	Factor	Factor								
Line	Line	Line	Line								
Limit	Limit	Limit	Limit								
Over	Over	Over	Over								
Limit	Limit	Limit	Limit								
Apos	Apos	Apos	Apos								
TPos	TPos	TPos	TPos								
Remark	Remark	Remark	Remark								
Pol/Phase	Pol/Phase	Pol/Phase	Pol/Phase								
Note	Note	Note	Note								
1	4924.00	30.92	48.45	-9.53	54.00	-15.00	319	270	Average	Vertical	
2	4924.00	53.80	63.33	-9.53	74.00	-20.20	319	270	Peak	Vertical	
3	7386.00	40.64	47.97	-7.33	54.00	-13.36	400	239	Average	Vertical	
4	7386.00	56.10	63.43	-7.33	74.00	-17.90	400	239	Peak	Vertical	

802.11n HT40

Low Channel (Horizontal)

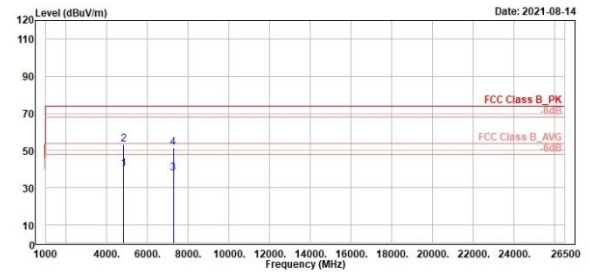
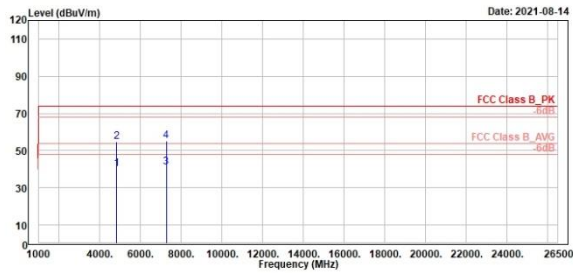
Low Channel (Vertical)



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1	2	3	4
4844.00	40.06	49.81	-9.75
4844.00	54.54	64.29	-9.75
7266.00	41.14	48.44	-7.30
7266.00	55.23	62.53	-7.30

1	2	3	4
4844.00	40.03	49.78	-9.75
4844.00	53.36	63.11	-9.75
7266.00	38.05	45.35	-7.30
7266.00	51.71	59.81	-7.30

Level	Factor	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dBuV/m	dB	cm	deg			
4844.00	40.06	49.81	-9.75	54.00	-13.94	100	304 Average	Horizontal
4844.00	54.54	64.29	-9.75	74.00	-19.46	100	304 Peak	Horizontal
7266.00	41.14	48.44	-7.30	54.00	-12.86	109	86 Average	Horizontal
7266.00	55.23	62.53	-7.30	74.00	-18.77	109	86 Peak	Horizontal

Level	Factor	Limit	Over	Apos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dBuV/m	dB	cm	deg			
4844.00	40.03	49.78	-9.75	54.00	-13.97	311	272 Average	Vertical
4844.00	53.36	63.11	-9.75	74.00	-20.64	311	272 Peak	Vertical
7266.00	38.05	45.35	-7.30	54.00	-15.95	300	46 Average	Vertical
7266.00	51.71	59.81	-7.30	74.00	-22.29	300	46 Peak	Vertical

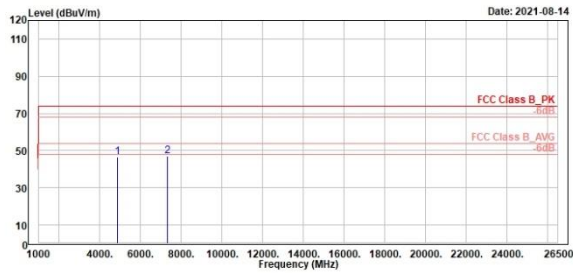
802.11n HT40

Middle Channel (Horizontal)

Middle Channel (Vertical)



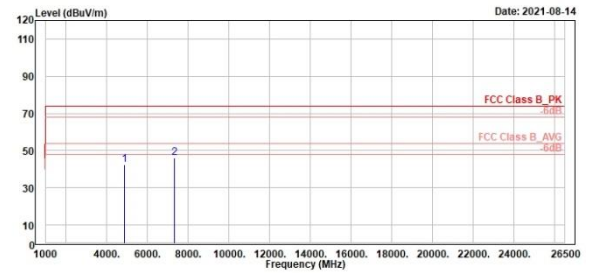
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Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	4874.00	46.50	56.17	-9.67	74.00	-27.50	100	310 Peak	Horizontal	
2	7311.00	46.85	54.10	-7.25	74.00	-27.15	100	74 Peak	Horizontal	



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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	4874.00	42.25	51.92	-9.67	74.00	-31.75	400	269 Peak	Vertical	
2	7311.00	46.24	53.49	-7.25	74.00	-27.76	100	86 Peak	Vertical	

802.11n HT40

High Channel (Horizontal)

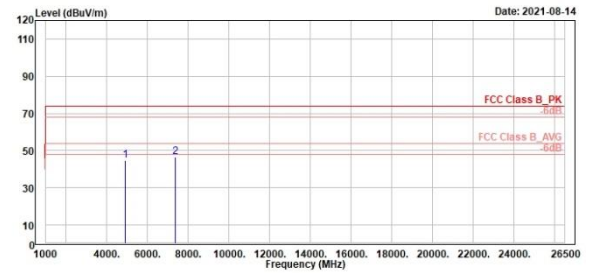
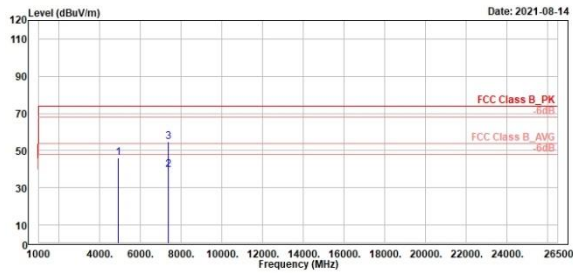
High Channel (Vertical)



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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	49.94	45.97	55.56	-9.59	74.00	-26.03	180	305 Peak	Horizontal	
2	7356.00	39.78	47.11	-7.33	54.00	-14.22	189	88 Average	Horizontal	
3	7356.00	54.61	61.94	-7.33	74.00	-19.39	189	88 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	49.94	44.50	54.09	-9.59	74.00	-29.50	300	263 Peak	Vertical	
2	7356.00	46.44	53.77	-7.33	74.00	-27.56	180	96 Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

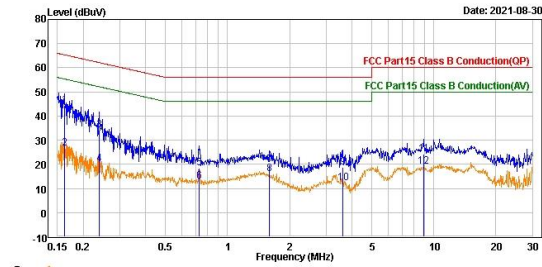
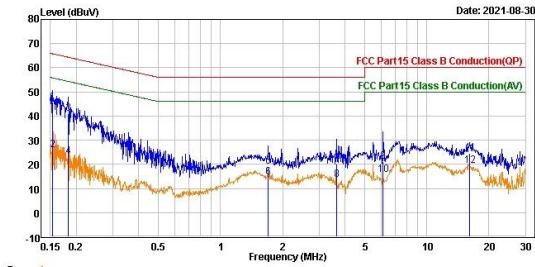
Worst Band

(Line)

(Neutral)

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Trace: 1	Read Freq	Level	Factor	Limit Line	Over Limit	Remark	Pol/Phase	Note
	MHz	dBuV	dB	dBuV	dB			
1	0.153	36.19	9.66	65.83	-19.98	QP	line1	
2	0.153	16.18	9.66	55.83	-29.99	Average	line1	
3	0.182	31.33	9.65	64.39	-23.41	QP	line1	
4	0.182	13.53	9.65	54.39	-31.21	Average	line1	
5	1.788	9.54	9.67	56.00	-36.79	QP	line1	
6	1.788	5.69	9.67	46.00	-31.24	Average	line1	
7	3.643	10.48	9.70	56.00	-35.82	QP	line1	
8	3.643	3.98	9.70	46.00	-32.32	Average	line1	
9	6.148	11.32	9.72	60.00	-38.96	QP	line1	
10	6.148	5.98	9.72	50.00	-34.30	Average	line1	
11	16.170	14.75	9.74	60.00	-35.51	QP	line1	
12	16.170	9.85	9.74	50.00	-30.41	Average	line1	

Trace: 1	Read Freq	Level	Factor	Limit Line	Over Limit	Remark	Pol/Phase	Note
	MHz	dBuV	dB	dBuV	dB			
1	0.162	34.87	9.68	65.38	-20.83	QP	neutral	
2	0.162	16.98	9.68	55.38	-28.72	Average	neutral	
3	0.238	24.42	9.66	62.15	-28.07	QP	neutral	
4	0.238	10.57	9.66	52.15	-31.92	Average	neutral	
5	0.728	8.76	9.67	56.00	-37.57	QP	neutral	
6	0.728	3.89	9.67	46.00	-33.24	Average	neutral	
7	1.601	10.17	9.69	56.00	-36.14	QP	neutral	
8	1.601	6.25	9.69	46.00	-30.06	Average	neutral	
9	3.607	9.14	9.71	60.00	-37.15	QP	neutral	
10	3.607	2.68	9.71	46.00	-33.61	Average	neutral	
11	8.891	14.31	9.78	60.00	-35.91	QP	neutral	
12	8.891	9.23	9.78	50.00	-30.99	Average	neutral	