

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

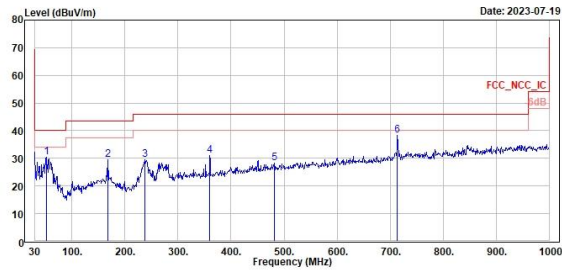
Zigbee_250kHz

/High Channel (Horizontal)

High Channel (Vertical)



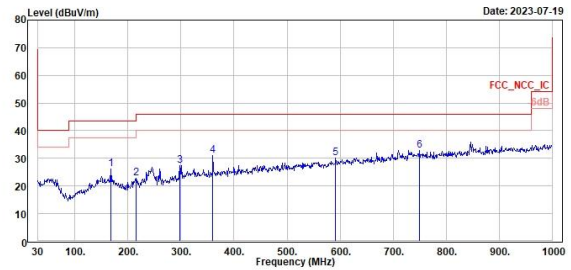
TÜV Rheinland Taiwan Ltd.
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Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	51.34	30.46	36.07	-5.61	40.00	-9.54	100	289 Peak	Vertical	
2	167.74	29.43	35.15	-5.72	43.50	-14.07	100	114 Peak	Vertical	
3	237.58	29.50	36.24	-6.74	46.00	-16.50	100	131 Peak	Vertical	
4	359.80	31.15	34.71	-3.56	46.00	-14.85	100	157 Peak	Vertical	
5	481.85	28.42	30.10	-1.68	46.00	-17.58	100	113 Peak	Vertical	
6	713.85	38.30	36.18	2.12	46.00	-7.70	100	319 Peak	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	167.74	26.24	31.96	-5.72	43.50	-17.26	200	153 Peak	Horizontal	
2	215.27	22.72	31.11	-8.39	43.50	-20.78	200	133 Peak	Horizontal	
3	297.72	27.47	32.32	-4.85	46.00	-18.53	200	213 Peak	Horizontal	
4	359.80	30.98	34.54	-3.56	46.00	-15.02	200	156 Peak	Horizontal	
5	591.63	30.10	29.00	0.30	46.00	-15.90	100	295 Peak	Horizontal	
6	749.74	32.00	29.70	3.10	46.00	-13.20	135	44 Peak	Horizontal	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

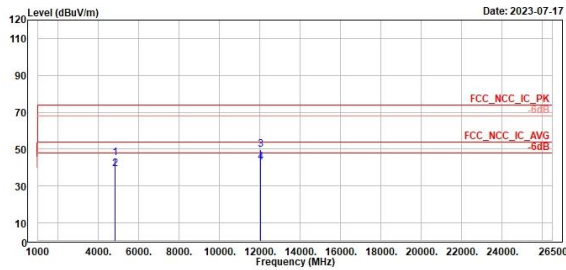
Zigbee_250kHz

Low Channel (Horizontal)

Low Channel (Vertical)



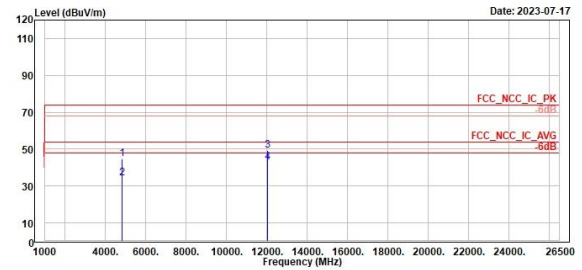
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4810.00	45.02	54.04	-9.02	74.00	-28.98	100	28 Peak	Horizontal	
2	4810.00	39.10	48.12	-9.02	54.00	-14.90	100	28 Average	Horizontal	
3	12025.00	49.82	50.31	-0.49	74.00	-24.18	100	31 Peak	Horizontal	
4	12025.00	42.94	43.43	-0.49	54.00	-11.06	100	31 Average	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	4810.00	44.62	53.64	-9.02	74.00	-29.38	288	360 Peak	Vertical	
2	4810.00	34.23	43.25	-9.02	54.00	-19.77	288	360 Average	Vertical	
3	12025.00	49.38	49.87	-0.49	74.00	-24.62	345	360 Peak	Vertical	
4	12025.00	42.89	43.38	-0.49	54.00	-11.11	345	360 Average	Vertical	

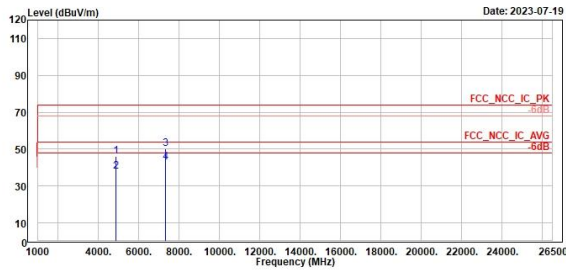
Zigbee_250kHz

Middle Channel (Horizontal)

Middle Channel (Vertical)



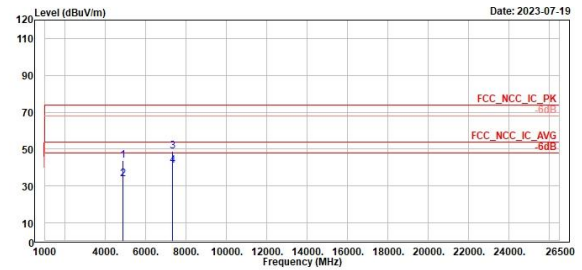
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4888.00	46.06	55.10	-9.04	74.00	-27.94	100	82	Peak	Horizontal	
2	4888.00	38.00	47.04	-9.04	54.00	-16.00	100	82	Average	Horizontal	
3	7320.00	50.26	57.34	-7.08	74.00	-23.74	100	351	Peak	Horizontal	
4	7320.00	42.99	50.07	-7.08	54.00	-11.01	100	351	Average	Horizontal	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4888.00	43.95	52.99	-9.04	74.00	-30.05	379	360	Peak	Vertical	
2	4888.00	33.65	42.69	-9.04	54.00	-20.35	379	360	Average	Vertical	
3	7320.00	48.69	55.77	-7.08	74.00	-25.31	267	11	Peak	Vertical	
4	7320.00	40.84	47.92	-7.08	54.00	-13.16	267	11	Average	Vertical	

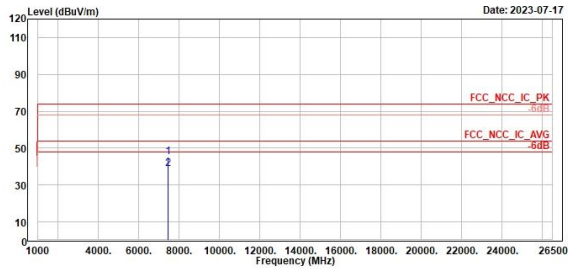
Zigbee_250kHz

High Channel (Horizontal)

High Channel (Vertical)



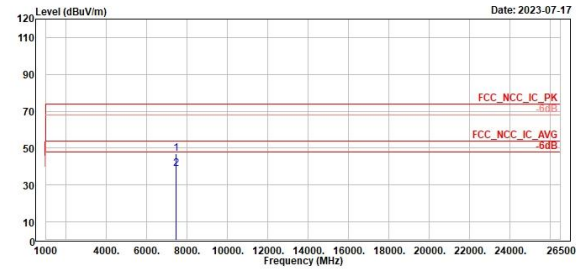
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	7440.00	45.32	52.50	-7.18	74.00	-28.68	300	340	Peak	Horizontal		
2	7440.00	38.99	46.17	-7.18	54.00	-15.01	300	340	Average	Horizontal		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	7440.00	46.93	54.11	-7.18	74.00	-27.07	300	338	Peak	Vertical		
2	7440.00	38.80	45.98	-7.18	54.00	-15.20	300	338	Average	Vertical		

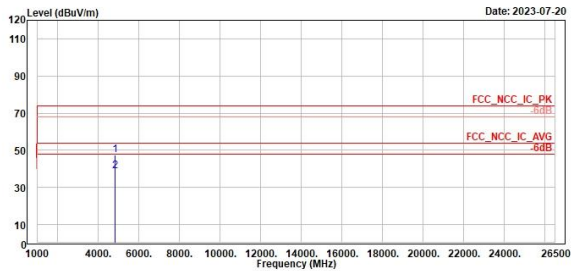
Zigbee_1Mbps

Low Channel (Horizontal)

Low Channel (Vertical)



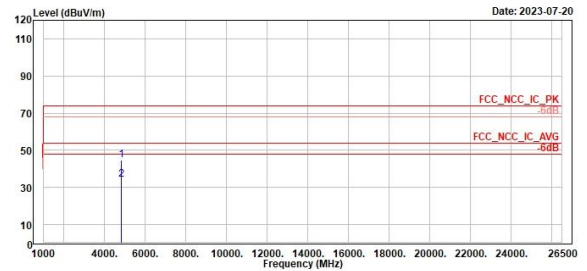
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4810.00	47.40	56.42	-9.02	74.00	-26.60	100	80	Peak	Horizontal	
2	4810.00	38.68	47.70	-9.02	54.00	-15.32	100	80	Average	Horizontal	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4810.00	44.88	53.90	-9.02	74.00	-29.12	291	360	Peak	Vertical	
2	4810.00	34.01	43.03	-9.02	54.00	-19.99	291	360	Average	Vertical	

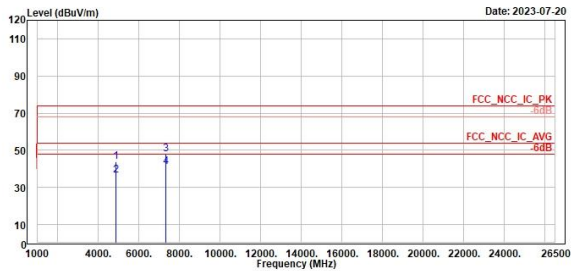
Zigbee_1Mbps

Middle Channel (Horizontal)

Middle Channel (Vertical)



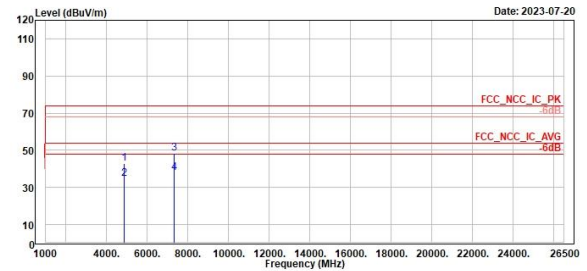
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4880.00	43.90	52.94	-9.04	74.00	-30.10	100	105	Peak	Horizontal	
2	4880.00	36.55	45.59	-9.04	54.00	-17.45	100	105	Average	Horizontal	
3	7320.00	47.97	55.05	-7.08	74.00	-26.03	100	360	Peak	Horizontal	
4	7320.00	41.21	48.29	-7.08	54.00	-12.79	100	360	Average	Horizontal	



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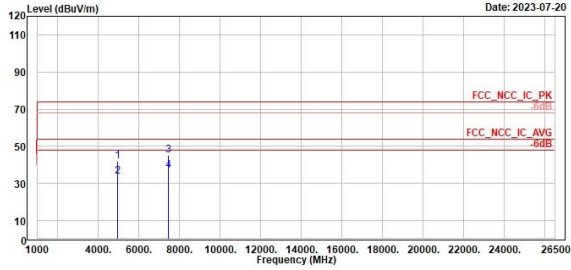
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4880.00	42.86	51.90	-9.04	74.00	-31.14	260	111	Peak	Vertical	
2	4880.00	34.59	43.63	-9.04	54.00	-19.41	260	111	Average	Vertical	
3	7320.00	48.59	55.67	-7.08	74.00	-25.41	300	19	Peak	Vertical	
4	7320.00	37.84	44.92	-7.08	54.00	-16.16	300	19	Average	Vertical	

Zigbee_1Mbps

High Channel (Horizontal)



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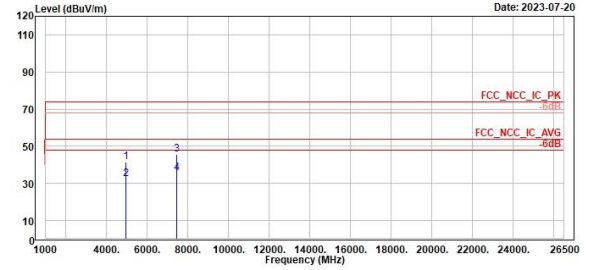


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4960.00	41.87	50.71	-8.84	74.00	-32.13	300	24	Peak	Horizontal	
2	4960.00	33.79	42.63	-8.84	54.00	-20.21	300	24	Average	Horizontal	
3	7440.00	45.19	52.37	-7.18	74.00	-28.81	100	341	Peak	Horizontal	
4	7440.00	37.02	44.20	-7.18	54.00	-16.98	100	341	Average	Horizontal	

High Channel (Vertical)



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4960.00	41.49	50.33	-8.84	74.00	-32.51	300	142	Peak	Vertical	
2	4960.00	32.57	41.41	-8.84	54.00	-21.43	300	142	Average	Vertical	
3	7440.00	45.81	52.99	-7.18	74.00	-28.19	300	140	Peak	Vertical	
4	7440.00	35.49	42.67	-7.18	54.00	-18.51	300	140	Average	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

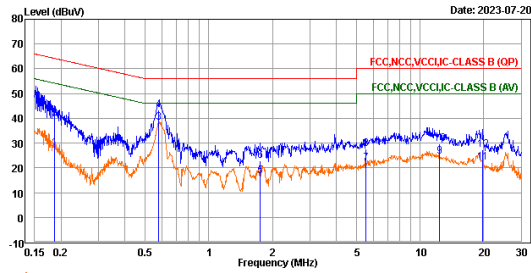
Worst Band

(Line)

(Neutral)



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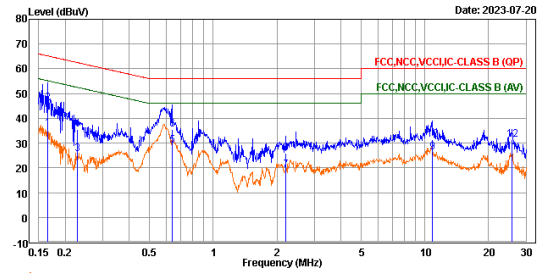


Trace: 1

	Freq	Level	Read	Factor	Limit	Over			
	MHz	dBuV	dBuV	dB	dBuV	dB	Remark	Pol/Phase	Note
1	0.19	28.07	18.45	9.62	54.22	-26.15	Average	line1	
2	0.19	39.80	30.18	9.62	64.22	-24.42	QP	line1	
3	0.58	38.25	28.62	9.63	46.00	-7.75	Average	line1	
4	0.58	43.22	33.59	9.63	56.00	-12.78	QP	line1	
5	1.75	16.86	7.20	9.66	46.00	-29.14	Average	line1	
6	1.75	22.76	13.10	9.66	56.00	-33.24	QP	line1	
7	5.51	21.77	12.07	9.70	50.00	-28.23	Average	line1	
8	5.51	27.58	17.88	9.70	60.00	-32.42	QP	line1	
9	12.35	24.62	14.86	9.76	50.00	-25.38	Average	line1	
10	12.35	29.74	19.98	9.76	60.00	-30.26	QP	line1	
11	19.74	22.05	12.28	9.77	50.00	-27.95	Average	line1	
12	19.74	27.34	17.57	9.77	60.00	-32.66	QP	line1	



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Trace: 1

	Freq	Level	Read	Factor	Limit	Over			
	MHz	dBuV	dBuV	dB	dBuV	dB	Remark	Pol/Phase	Note
1	0.16	36.01	26.39	9.62	55.21	-19.20	Average	neutral	
2	0.16	46.27	36.65	9.62	65.21	-18.94	QP	neutral	
3	0.23	25.71	16.09	9.62	52.48	-26.77	Average	neutral	
4	0.23	35.41	25.79	9.62	62.48	-27.07	QP	neutral	
5	0.64	29.16	19.53	9.63	46.00	-16.84	Average	neutral	
6	0.64	35.49	25.86	9.63	56.00	-20.51	QP	neutral	
7	2.20	18.94	9.28	9.66	46.00	-27.06	Average	neutral	
8	2.20	26.04	16.38	9.66	56.00	-29.96	QP	neutral	
9	10.80	26.19	16.40	9.79	50.00	-23.81	Average	neutral	
10	10.80	31.52	21.73	9.79	60.00	-28.48	QP	neutral	
11	25.70	26.35	16.48	9.87	50.00	-23.65	Average	neutral	
12	25.70	31.51	21.64	9.87	60.00	-28.49	QP	neutral	

Main Source, Non-ECC Mode for Antenna No. 6 Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

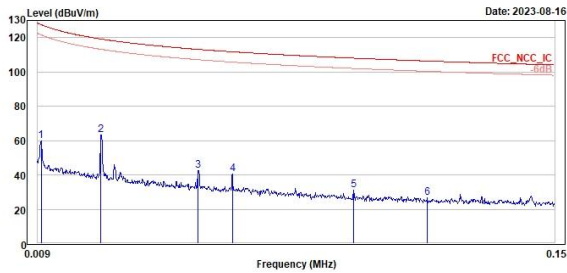
Zigbee_250kHz

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



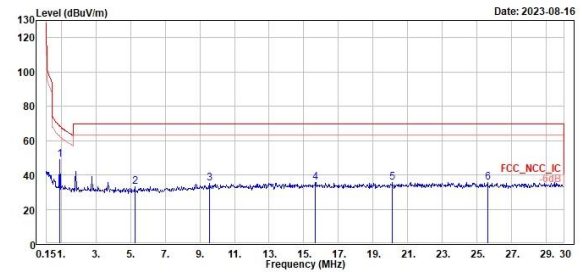
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	59.63	41.91	17.72	127.60	-67.97	100	285 Peak	Open	
2	0.03	63.22	44.28	18.94	119.18	-55.96	100	307 Peak	Open	
3	0.05	42.71	23.66	19.05	113.13	-70.42	100	307 Peak	Open	
4	0.06	40.68	21.85	18.83	111.72	-71.04	100	255 Peak	Open	
5	0.10	31.38	13.35	18.03	108.01	-76.63	100	307 Peak	Open	
6	0.12	26.51	8.53	17.98	106.36	-79.85	100	73 Peak	Open	



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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.93	48.96	29.93	19.03	68.27	-19.31	100	290 Peak	Open	
2	5.25	33.22	13.68	19.54	69.50	-36.28	100	339 Peak	Open	
3	9.58	34.87	13.55	21.32	69.50	-34.63	100	90 Peak	Open	
4	15.67	35.62	13.74	21.88	69.50	-33.88	100	214 Peak	Open	
5	20.12	35.69	13.52	22.17	69.50	-33.61	100	164 Peak	Open	
6	25.61	35.63	13.43	22.20	69.50	-33.87	100	312 Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

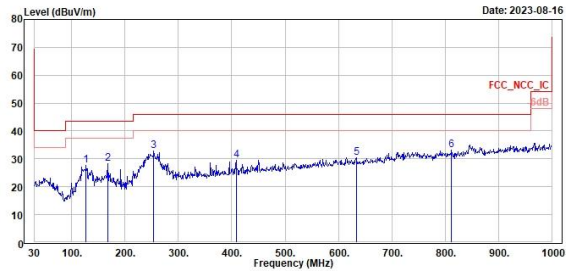
Zigbee_250kHz

High Channel (Horizontal)

High Channel (Vertical)



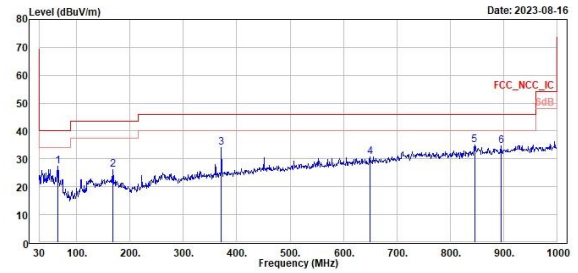
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	127.00	27.61	36.00	-8.39	43.50	-15.89	200	299	Peak	Horizontal		
2	167.74	28.35	34.07	-5.72	43.50	-15.15	200	188	Peak	Horizontal		
3	254.07	32.77	39.08	-6.31	46.00	-13.23	100	170	Peak	Horizontal		
4	408.30	29.60	32.42	-2.82	46.00	-16.40	100	219	Peak	Horizontal		
5	633.34	30.48	29.45	1.03	46.00	-15.52	200	149	Peak	Horizontal		
6	811.82	33.19	29.84	3.35	46.00	-12.81	100	127	Peak	Horizontal		



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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	64.92	27.23	34.58	-7.35	40.00	-12.77	100	108	Peak	Vertical		
2	167.74	26.07	31.79	-5.72	43.50	-17.43	100	255	Peak	Vertical		
3	371.44	34.05	37.42	-3.37	46.00	-11.95	100	108	Peak	Vertical		
4	649.83	30.68	29.82	0.86	46.00	-15.32	100	1	Peak	Vertical		
5	845.77	34.08	30.78	4.10	46.00	-11.12	100	52	Peak	Vertical		
6	896.21	34.63	30.02	4.61	46.00	-11.37	200	319	Peak	Vertical		

2nd Source, ECC Mode for Antenna No. 5
Band Edges, 2.31GHz ~ 2.9GHz

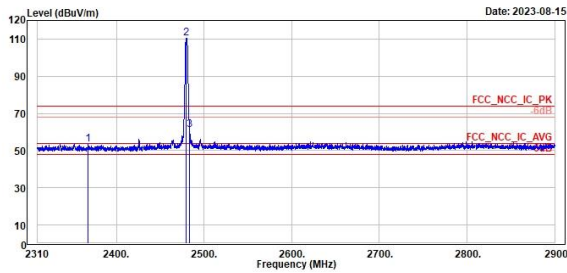
Zigbee_250kHz

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



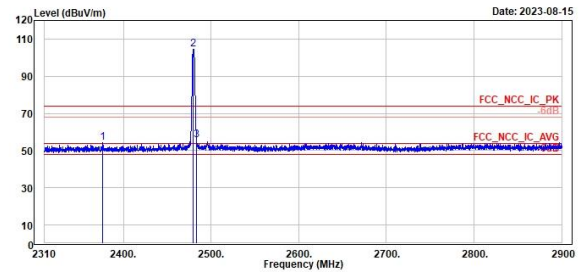
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	2367.70	53.50	16.31	37.19	74.00	-20.50		254	198	Peak	Horizontal	
2 *	2480.00	110.63	73.09	37.54	74.00	36.63		254	198	Peak	Horizontal	
3	2483.46	61.33	23.79	37.54	74.00	-12.67		254	198	Peak	Horizontal	



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	2376.32	54.12	16.93	37.19	74.00	-19.88		380	114	Peak	Vertical	
2 *	2480.00	104.45	66.91	37.54	74.00	30.45		380	114	Peak	Vertical	
3	2483.70	55.83	18.29	37.54	74.00	-18.17		380	114	Peak	Vertical	

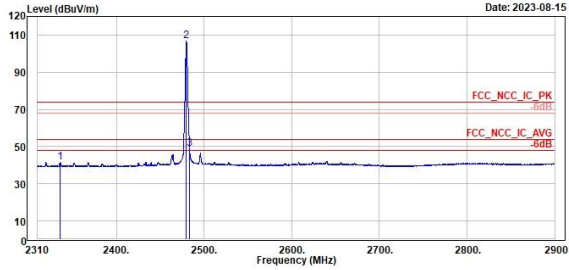
Zigbee_250kHz

High Channel (Horizontal) Average

High Channel (Vertical) Average



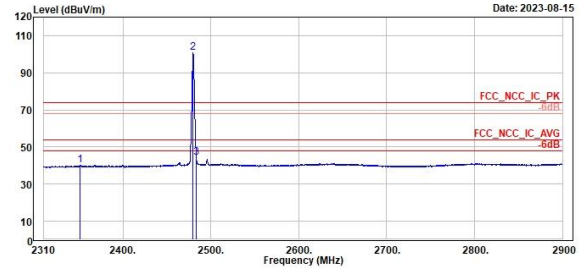
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2335.96	41.60	4.51	37.09	54.00	-12.40	254	198	Average	Horizontal		
2 *	2480.00	106.68	69.14	37.54	54.00	52.68	254	198	Average	Horizontal		
3 !	2483.46	48.72	11.18	37.54	54.00	-5.28	254	198	Average	Horizontal		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2351.65	40.12	2.91	37.21	54.00	-13.88	380	114	Average	Vertical		
2 *	2480.00	100.62	63.08	37.54	54.00	46.62	380	114	Average	Vertical		
3	2483.46	44.13	6.59	37.54	54.00	-9.87	380	114	Average	Vertical		

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

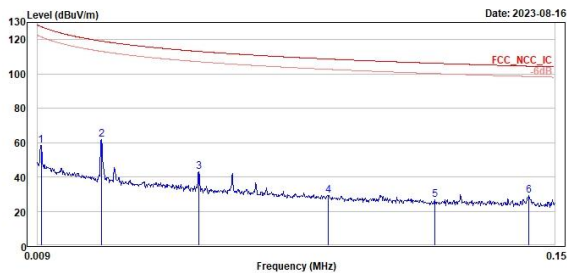
Zigbee_250kHz

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



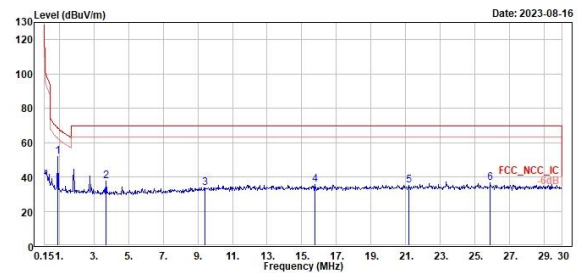
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	0.01	58.39	40.67	17.72	127.60	-69.21	100	154	Peak	Open		
2	0.03	61.56	42.61	18.95	119.13	-57.57	100	339	Peak	Open		
3	0.05	43.02	23.97	19.05	113.11	-70.09	100	226	Peak	Open		
4	0.09	29.38	11.18	18.20	108.08	-79.30	100	322	Peak	Open		
5	0.12	26.87	8.88	17.99	106.21	-79.34	100	360	Peak	Open		
6	0.14	29.28	11.19	18.09	104.49	-75.21	100	264	Peak	Open		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	0.93	51.91	32.88	19.03	68.27	-16.36	100	258	Peak	Open		
2	3.70	37.43	17.88	19.55	69.50	-32.07	100	264	Peak	Open		
3	9.40	33.72	12.48	21.24	69.50	-35.78	100	6	Peak	Open		
4	15.76	35.58	13.69	21.89	69.50	-33.92	100	285	Peak	Open		
5	21.19	35.00	12.82	22.18	69.50	-34.50	100	237	Peak	Open		
6	25.88	36.63	14.42	22.21	69.50	-32.87	100	16	Peak	Open		

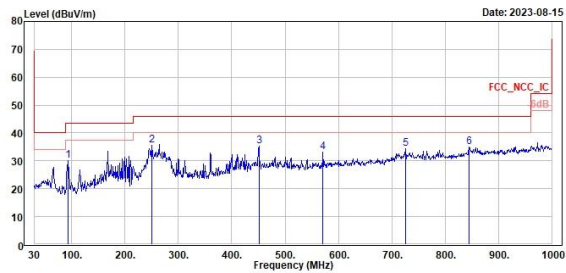
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

Zigbee_250kHz

High Channel (Horizontal)



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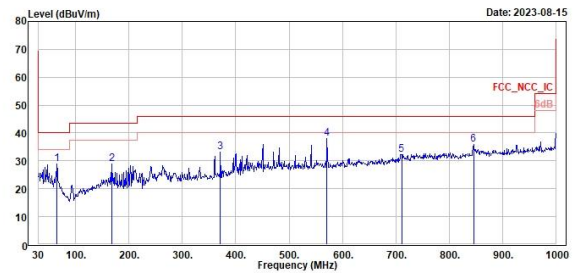


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	93.05	30.05	41.79	-11.74	43.50	-13.45		200	168	Peak	Horizontal	
2	250.19	35.74	42.15	-6.41	46.00	-10.26		100	98	Peak	Horizontal	
3	450.98	35.17	37.19	-2.02	46.00	-10.83		200	239	Peak	Horizontal	
4	571.26	33.04	33.57	-0.53	46.00	-12.96		200	311	Peak	Horizontal	
5	726.46	34.46	32.39	2.07	46.00	-11.54		100	141	Peak	Horizontal	
6	844.80	35.07	30.95	4.12	46.00	-10.93		100	298	Peak	Horizontal	

High Channel (Vertical)



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	64.92	28.92	36.27	-7.35	40.00	-11.08		100	286	Peak	Vertical	
2	167.74	28.97	34.69	-5.72	43.50	-14.53		200	245	Peak	Vertical	
3	371.44	33.13	36.50	-3.37	46.00	-12.87		100	295	Peak	Vertical	
4	571.26	30.12	38.05	-0.53	46.00	-7.88		200	193	Peak	Vertical	
5	710.94	32.39	30.21	2.18	46.00	-13.61		300	12	Peak	Vertical	
6	845.77	35.85	31.75	4.10	46.00	-10.15		200	115	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

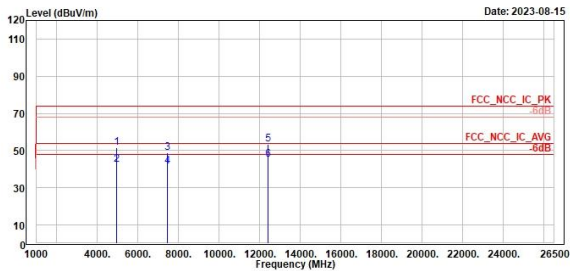
Zigbee_250kHz

High Channel (Horizontal)

High Channel (Vertical)



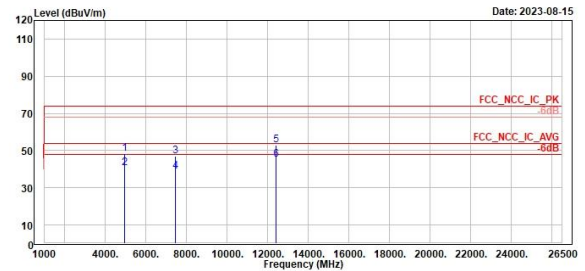
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4960.00	51.44	60.28	-8.84	74.00	-22.56	297	360	Peak	Horizontal	
2	4960.00	42.55	51.39	-8.84	54.00	-11.45	297	360	Average	Horizontal	
3	7440.00	49.04	56.22	-7.18	74.00	-24.96	100	325	Peak	Horizontal	
4	7440.00	41.48	48.66	-7.18	54.00	-12.52	100	325	Average	Horizontal	
5	12400.00	53.58	53.37	0.21	74.00	-20.42	100	113	Peak	Horizontal	
6	12400.00	45.07	44.86	0.21	54.00	-8.93	100	113	Average	Horizontal	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	4960.00	48.28	57.12	-8.84	74.00	-25.72	300	289	Peak	Vertical	
2	4960.00	40.79	49.63	-8.84	54.00	-13.21	300	289	Average	Vertical	
3	7440.00	46.85	54.03	-7.18	74.00	-27.15	300	360	Peak	Vertical	
4	7440.00	38.82	46.00	-7.18	54.00	-15.18	300	360	Average	Vertical	
5	12400.00	52.76	52.55	0.21	74.00	-21.24	300	54	Peak	Vertical	
6	12400.00	45.35	45.14	0.21	54.00	-8.65	300	54	Average	Vertical	

2nd Source, ECC Mode for Antenna No. 6

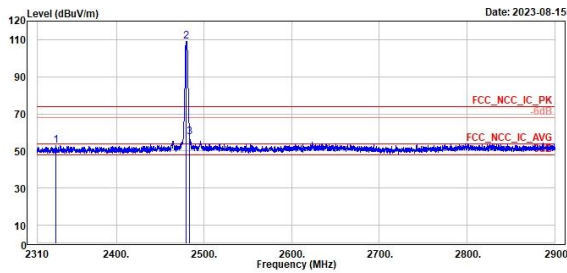
Band Edges, 2.31GHz ~ 2.9GHz

Zigbee_250kHz

High Channel (Horizontal) Peak



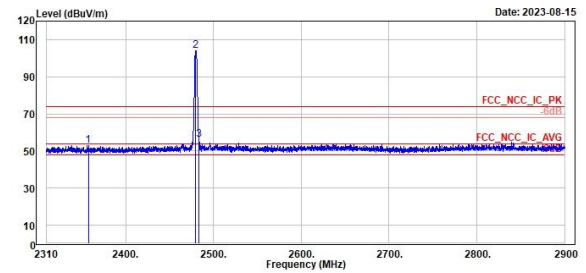
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	2330.77	52.83	15.79	37.04	74.00	-21.17		362	78	Peak	Horizontal	
2 *	2480.00	109.16	71.62	37.54	74.00	35.16		362	78	Peak	Horizontal	
3	2483.46	57.38	19.84	37.54	74.00	-16.62		362	78	Peak	Horizontal	



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		cm	deg			
1	2357.55	53.04	15.84	37.20	74.00	-20.96		264	170	Peak	Vertical	
2 *	2480.00	104.01	66.47	37.54	74.00	30.01		264	170	Peak	Vertical	
3	2483.58	55.94	18.40	37.54	74.00	-18.06		264	170	Peak	Vertical	

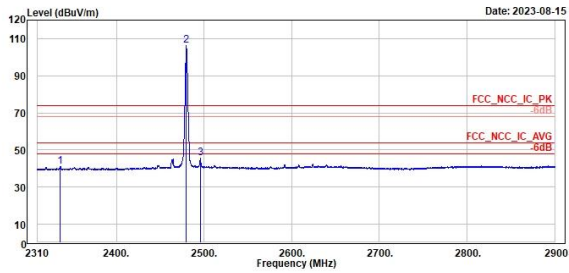
Zigbee_250kHz

High Channel (Horizontal) Average

High Channel (Vertical) Average



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		Freq	Level	Read		Limit	Over Limit	APos	TPos	Remark	Pol/Phase	Note
				Level	Factor							
				MHz	dBuV/m							
1		2336.20	40.96	3.87	37.09	54.00	-13.04	362	78	Average	Horizontal	
2	*	2480.00	106.11	68.57	37.54	54.00	52.11	362	78	Average	Horizontal	
3		2495.97	45.74	8.18	37.56	54.00	-8.26	362	78	Average	Horizontal	

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

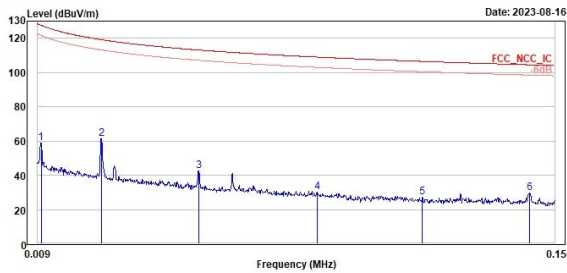
Zigbee_250kHz

High Channel (Open) 9kHz~150kHz

High Channel (Open) 150kHz~30MHz



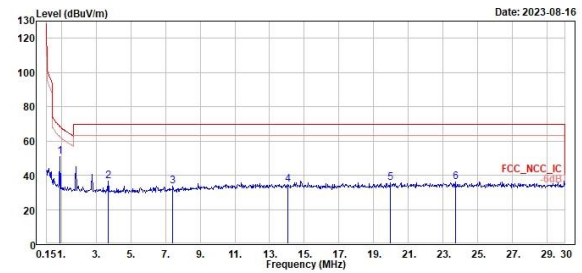
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	59.02	41.30	17.72	127.60	-68.58	100	288 Peak	Open	
2	0.03	61.50	42.55	18.95	119.13	-57.63	100	74 Peak	Open	
3	0.05	42.62	23.57	19.05	113.11	-70.49	100	69 Peak	Open	
4	0.09	30.03	11.76	18.27	108.98	-78.95	100	301 Peak	Open	
5	0.11	27.24	9.26	17.98	106.47	-79.23	100	270 Peak	Open	
6	0.14	29.46	11.37	18.09	104.49	-75.03	100	266 Peak	Open	



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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.93	50.88	31.85	19.03	68.27	-17.39	100	261 Peak	Open	
2	3.70	36.58	17.03	19.55	69.50	-32.92	100	261 Peak	Open	
3	7.43	33.52	13.09	20.43	69.50	-35.98	100	169 Peak	Open	
4	14.06	34.77	13.01	21.76	69.50	-34.73	100	211 Peak	Open	
5	19.94	35.46	13.29	22.17	69.50	-34.04	100	31 Peak	Open	
6	23.70	36.06	13.87	22.19	69.50	-33.44	100	19 Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

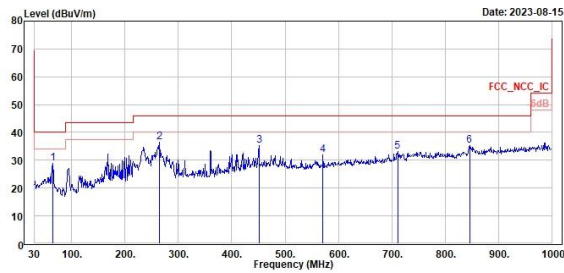
Zigbee_250kHz

High Channel (Horizontal)

High Channel (Vertical)



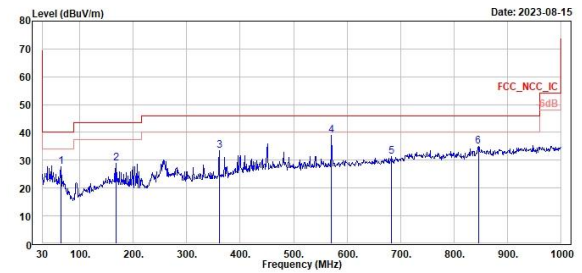
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	63.95	29.03	36.29	-7.26	40.00	-10.97		300	183	Peak	Horizontal	
2	263.77	36.55	42.54	-5.99	46.00	-9.45		100	282	Peak	Horizontal	
3	450.98	35.18	37.20	-2.02	46.00	-10.82		200	264	Peak	Horizontal	
4	571.26	31.91	32.44	-0.53	46.00	-14.09		400	103	Peak	Horizontal	
5	710.94	33.16	30.90	2.18	46.00	-12.84		303	360	Peak	Horizontal	
6	845.77	35.25	31.15	4.10	46.00	-10.75		200	67	Peak	Horizontal	



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	63.95	27.78	35.04	-7.26	40.00	-12.22		100	299	Peak	Vertical	
2	167.74	28.95	34.67	-5.72	43.50	-14.55		200	214	Peak	Vertical	
3	360.77	33.42	36.95	-3.53	46.00	-12.58		100	155	Peak	Vertical	
4	571.26	39.02	39.55	-0.53	46.00	-6.98		200	168	Peak	Vertical	
5	683.78	31.22	29.71	1.51	46.00	-14.78		200	47	Peak	Vertical	
6	845.77	35.05	30.95	4.10	46.00	-10.95		200	107	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

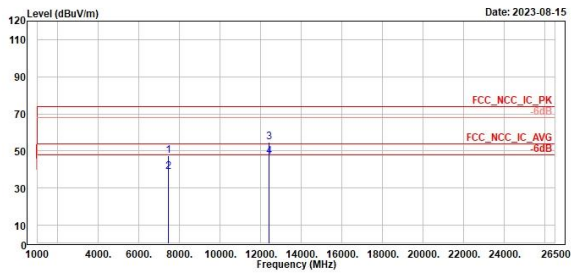
Zigbee_250kHz

High Channel (Horizontal)

High Channel (Vertical)



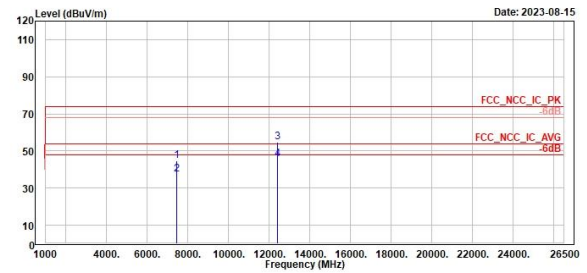
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Freq	Level	Read	Level	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	7440.00	47.23	54.41	-7.18	74.00	-26.77	100	348 Peak	Horizontal	
2	7440.00	38.98	46.16	-7.18	54.00	-15.02	100	348 Average	Horizontal	
3	12400.00	54.82	54.61	0.21	74.00	-19.18	247	47 Peak	Horizontal	
4	12400.00	46.83	46.62	0.21	54.00	-7.17	247	47 Average	Horizontal	



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Freq	Level	Read	Level	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	7440.00	44.60	51.78	-7.18	74.00	-29.40	171	360 Peak	Vertical	
2	7440.00	37.47	44.65	-7.18	54.00	-16.53	171	360 Average	Vertical	
3	12400.00	54.53	54.32	0.21	74.00	-19.47	300	11 Peak	Vertical	
4	12400.00	45.54	45.33	0.21	54.00	-8.46	300	11 Average	Vertical	