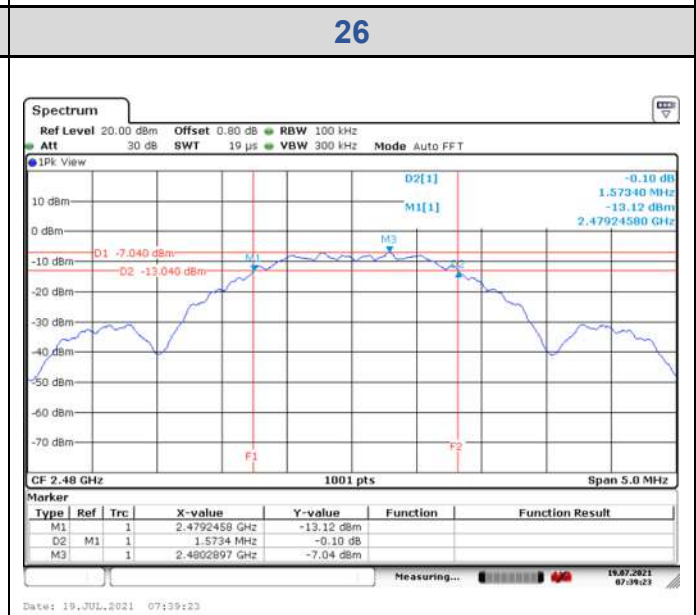
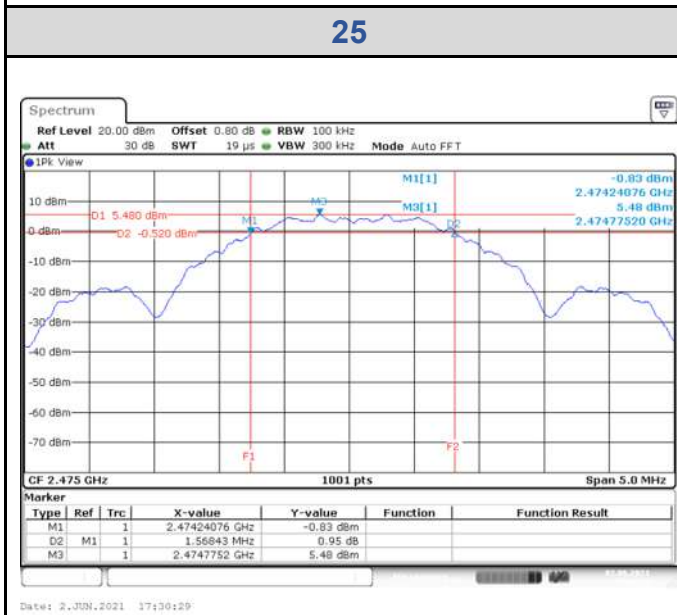
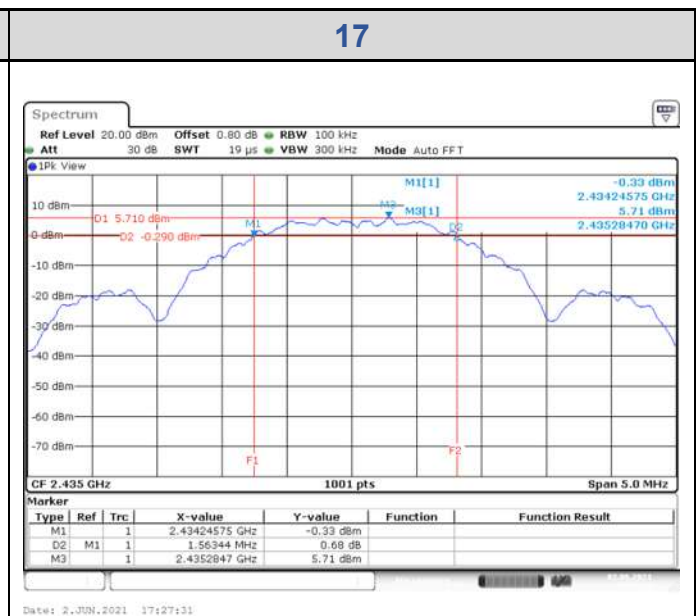
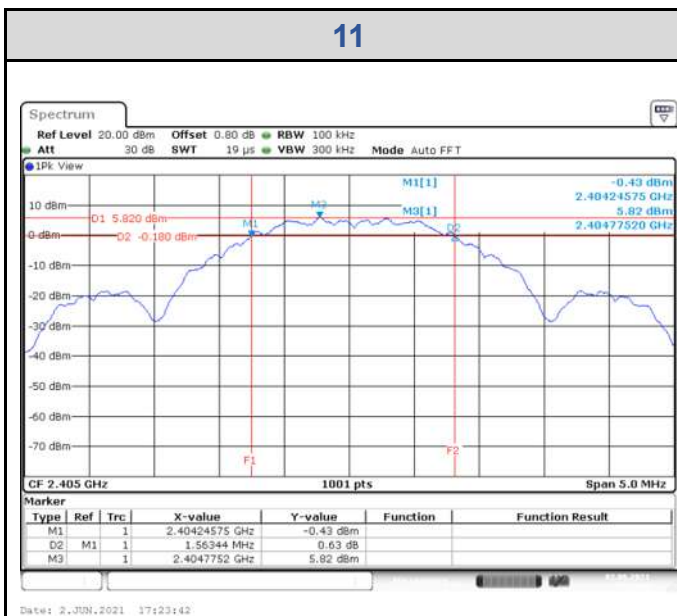


Appendix C: Test Results of Conducted Test_ZigBee

Test Result of 6 dB Bandwidth

ZIGBEE

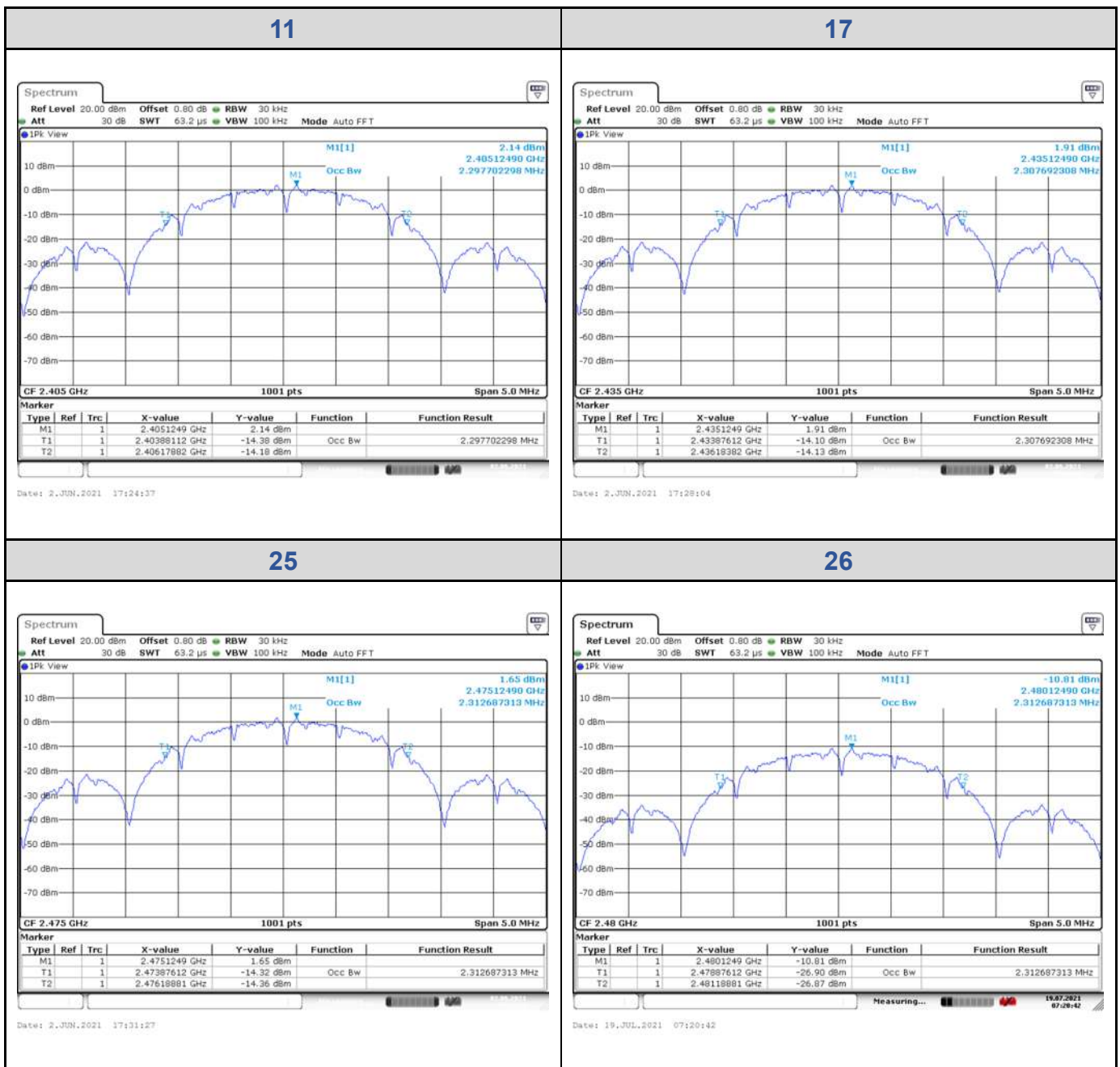
Channel	Channel Frequency (MHz)	6 dB Bandwidth (kHz)	Limit (kHz)	Result
11	2405	1563.44	> 500	Pass
17	2435	1563.44	> 500	Pass
25	2475	1568.43	> 500	Pass
26	2480	1573.4	> 500	Pass



Test Result of 99% Occupied Bandwidth

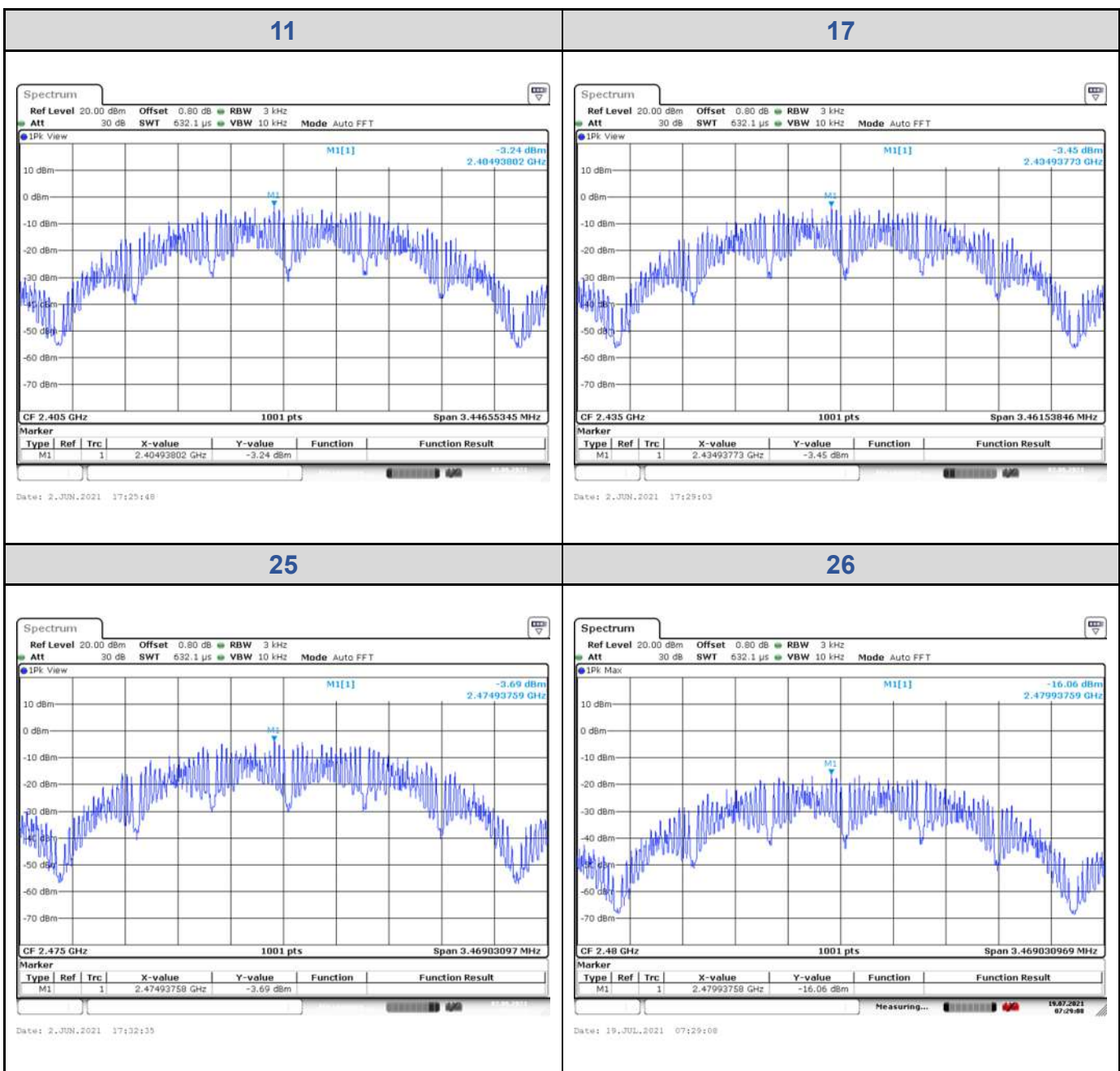
ZIGBEE

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
11	2405	2.30
17	2435	2.31
25	2475	2.31
26	2480	2.31



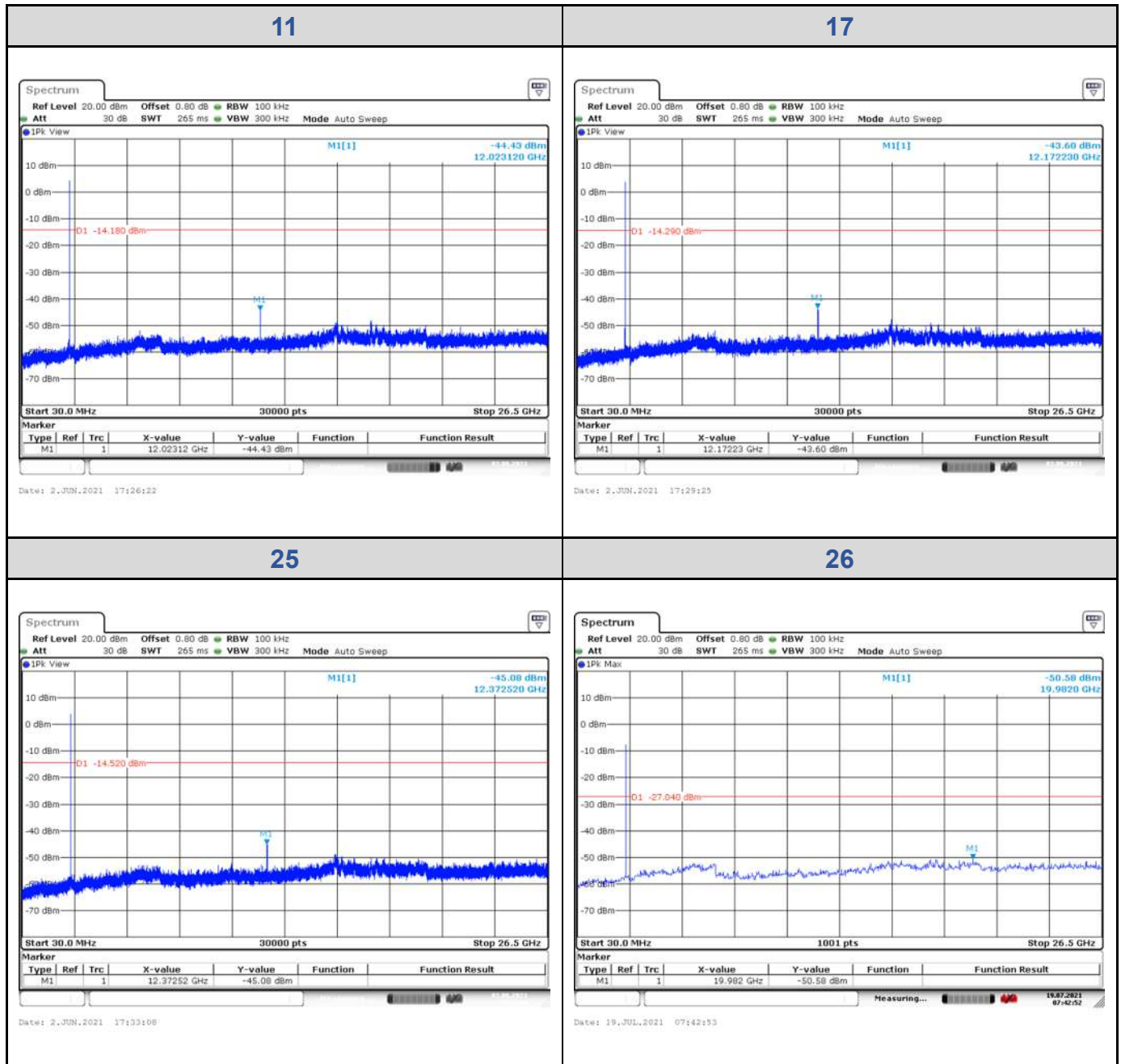
Test Result of Power Spectral Density ZIGBEE

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
11	2405	-3.24	8	Pass
17	2435	-3.45	8	Pass
25	2475	-3.69	8	Pass
26	2480	-16.06	8	Pass



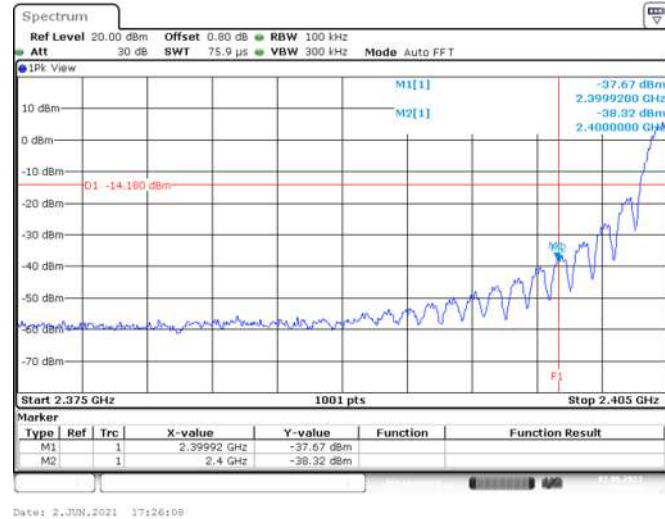
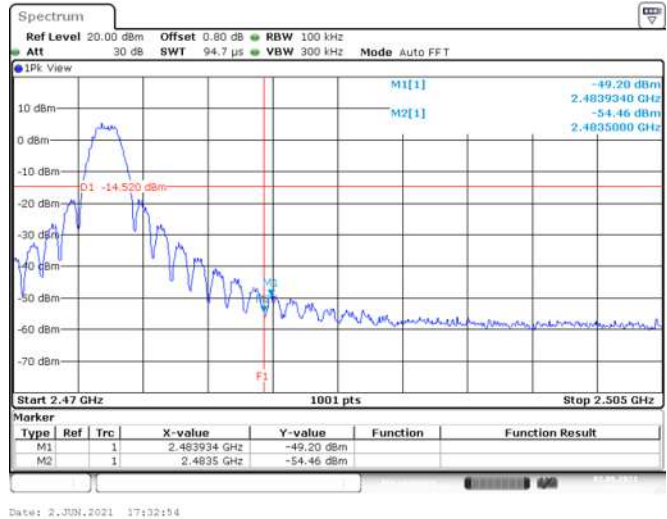
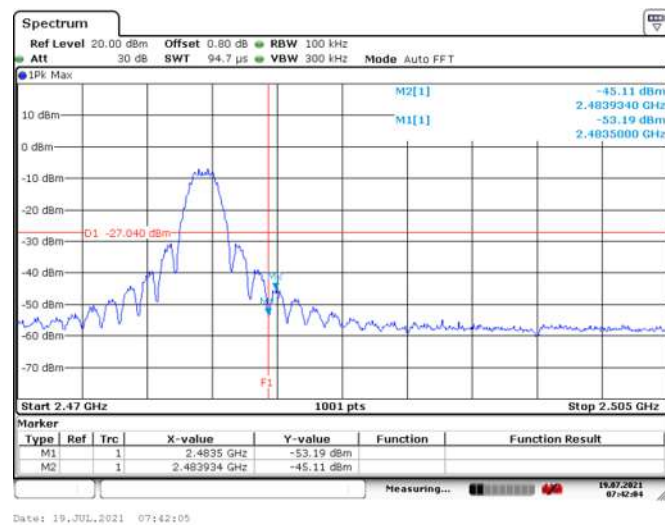
Test Result of Conducted Spurious Emissions, Tx Mode

ZIGBEE



Test Result of Conducted Band Edge, Tx Mode

ZIGBEE

11

25

26


Appendix D: Test Results of Radiated Emissions & Mains Conducted

Emission Test_ MSK32WT-M10

Band Edges, 2.31GHz ~ 2.9GHz

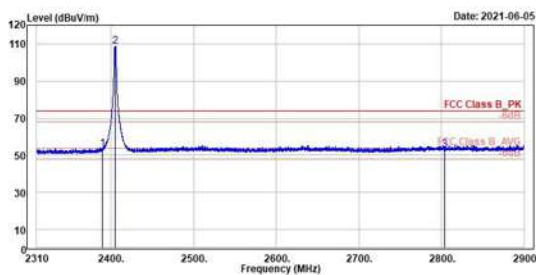
ZIGBEE

11 (Horizontal) Peak

11 (Vertical) Peak



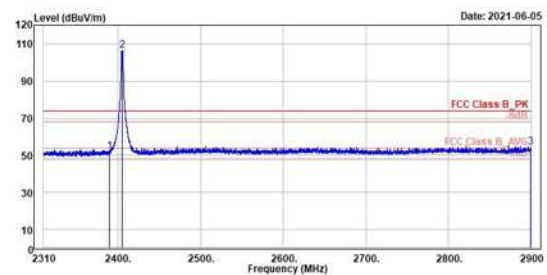
TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec. 2, Fenhua, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	53.29	15.74	37.55	74.00	+20.71	242	174	Peak	Horizontal	
2 *	2485.00	188.76	71.09	37.67	74.00	34.76	342	174	Peak	Horizontal	
3	2803.89	52.95	14.64	38.31	74.00	-21.05	242	174	Peak	Horizontal	



TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec. 2, Fenhua, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	2389.06	52.19	14.63	37.56	74.00	-21.81	340	146	Peak	Vertical	
2 *	2485.00	186.49	68.82	37.67	74.00	32.49	340	146	Peak	Vertical	
3	2899.29	54.11	15.49	38.62	74.00	-19.89	340	146	Peak	Vertical	

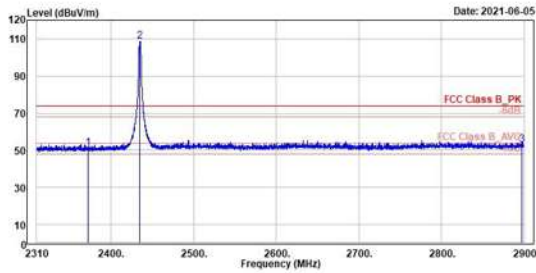
ZIGBEE

17 (Horizontal) Peak

17 (Vertical) Peak



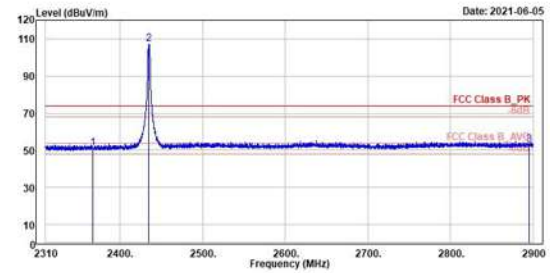
TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec. 2, Fenhua Rd., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2371.72	51.12	13.69	37.43	74.00	-22.88	335	181 Peak	Horizontal	
2 *	2435.00	100.53	79.65	37.88	74.00	34.53	335	181 Peak	Horizontal	
3	2897.29	53.05	14.44	38.61	74.00	-20.95	335	181 Peak	Horizontal	



TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec. 2, Fenhua Rd., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

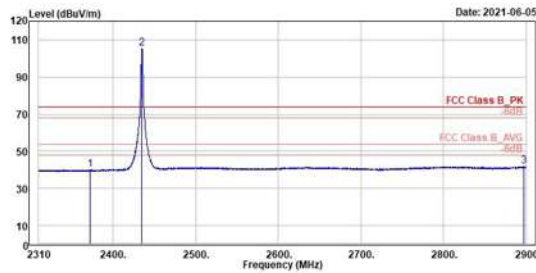


	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2366.89	50.95	13.56	37.39	74.00	-23.05	333	147 Peak	Vertical	
2 *	2435.00	107.13	69.24	37.88	74.00	33.12	333	147 Peak	Vertical	
3	2895.29	52.73	14.13	38.60	74.00	-21.27	333	147 Peak	Vertical	

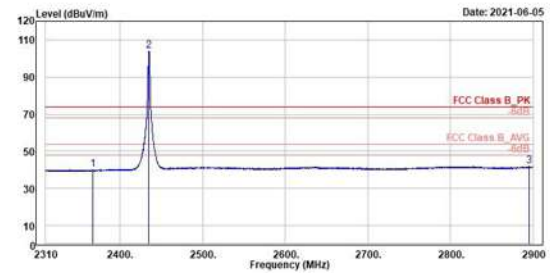
ZIGBEE

17 (Horizontal) Average

17 (Vertical) Average



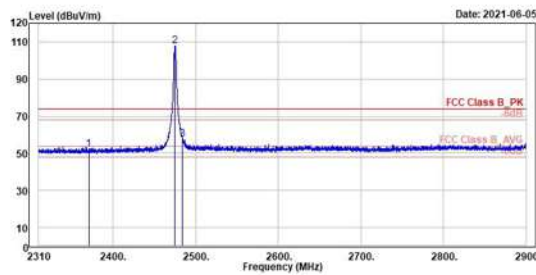
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2371.72	40.08	2.65	37.43	54.00	-13.92	335	181	Average	Horizontal	
2 *	2435.00	185.21	67.33	37.88	54.00	51.21	335	181	Average	Horizontal	
3	2897.29	41.86	3.25	38.61	54.00	-12.14	335	181	Average	Horizontal	



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	2366.89	40.09	2.70	37.39	54.00	-13.91	333	147	Average	Vertical	
2 *	2435.00	183.95	66.87	37.88	54.00	49.95	333	147	Average	Vertical	
3	2895.29	41.84	3.24	38.60	54.00	-12.16	333	147	Average	Vertical	

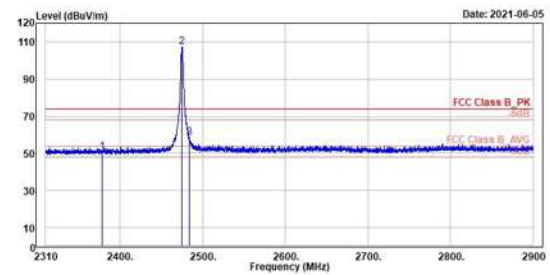
ZIGBEE

25 (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	2370.54	52.04	14.62	37.42	74.00	-21.96	292	181	Peak	Horizontal	
2 *	2475.00	107.83	69.71	38.12	74.00	33.83	292	181	Peak	Horizontal	
3	2483.97	57.54	19.37	38.17	74.00	-16.46	292	181	Peak	Horizontal	

25 (Vertical) Peak

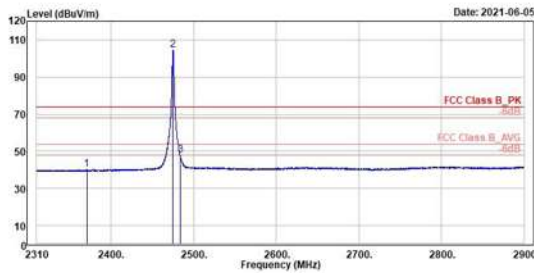


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2377.85	50.75	13.27	37.48	74.00	-23.25	258	170	Peak	Vertical	
2 *	2475.00	107.39	69.27	38.12	74.00	33.39	258	170	Peak	Vertical	
3	2483.86	58.34	20.17	38.17	74.00	-15.66	258	170	Peak	Vertical	

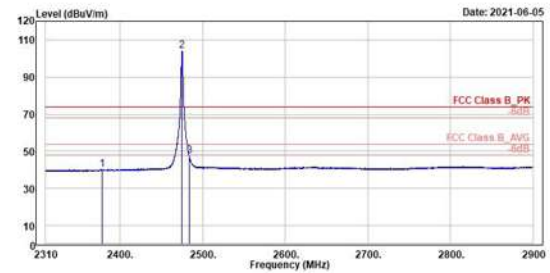
ZIGBEE

25 (Horizontal) Average

25 (Vertical) Average



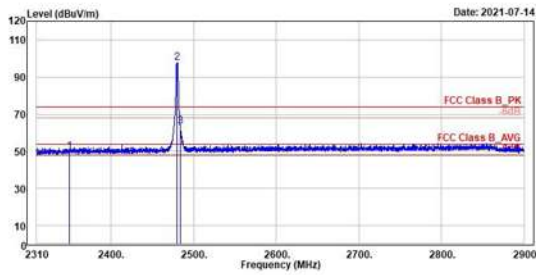
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2370.54	40.27	2.85	37.42	54.00	-13.73	292	181	Average	Horizontal	
2 *	2475.00	104.44	66.32	38.12	54.00	50.44	292	181	Average	Horizontal	
3	2483.97	47.77	9.68	38.17	54.00	-6.23	292	181	Average	Horizontal	



Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2377.85	40.14	2.66	37.48	54.00	-13.86	258	170	Average	Vertical	
2 *	2475.00	103.97	65.85	38.12	54.00	49.97	258	170	Average	Vertical	
3	2483.86	47.45	9.28	38.17	54.00	-6.55	258	170	Average	Vertical	

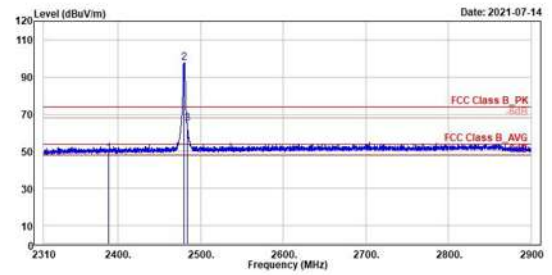
ZIGBEE

26 (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	2349.58	49.78	12.44	37.26	74.00	-24.30	328	186	Peak	Horizontal		
2 *	2480.00	97.54	59.85	37.69	74.00	23.54	328	186	Peak	Horizontal		
3	2483.74	63.38	25.67	37.71	74.00	-10.62	328	186	Peak	Horizontal		

26 (Vertical) Peak

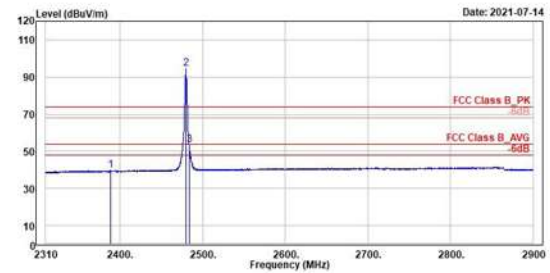
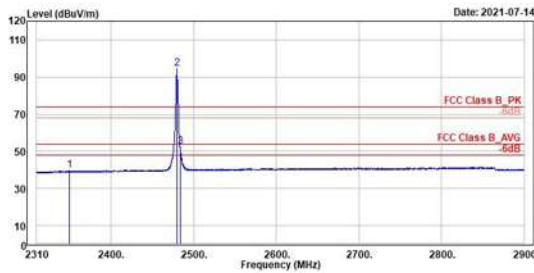


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2388.57	48.91	11.61	37.30	74.00	-25.09	329	175	Peak	Vertical		
2 *	2480.00	97.63	59.94	37.69	74.00	23.63	329	175	Peak	Vertical		
3	2483.62	64.88	27.17	37.71	74.00	-9.12	290	175	Peak	Vertical		

ZIGBEE

26 (Horizontal) Average

26 (Vertical) Average



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	2349.58	39.52	2.26	37.26	54.00	-14.48	328	186	Average	Horizontal	
2 *	2480.00	94.27	56.58	37.69	54.00	40.27	328	186	Average	Horizontal	
3 †	2483.74	52.48	14.77	37.71	54.00	-1.52	328	186	Average	Horizontal	

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	2388.57	39.71	2.41	37.30	54.00	-14.29	329	175	Average	Vertical	
2 *	2480.00	94.31	56.62	37.69	54.00	40.31	329	175	Average	Vertical	
3 †	2483.62	53.60	15.89	37.71	54.00	-0.40	290	175	Average	Vertical	

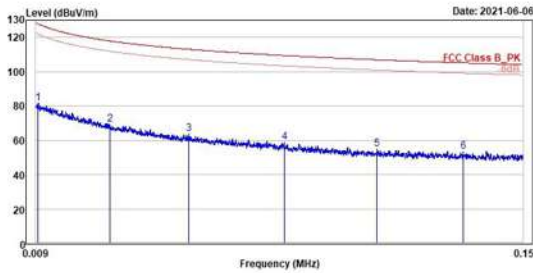
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

ZIGBEE

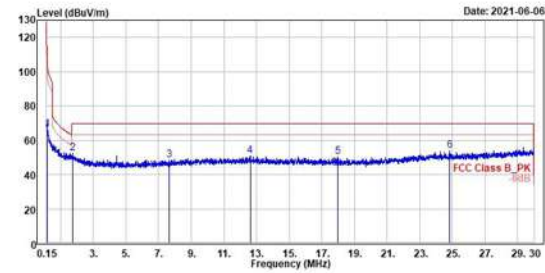
25 (Open) 9kHz~150kHz



TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec 2, Fenglin, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

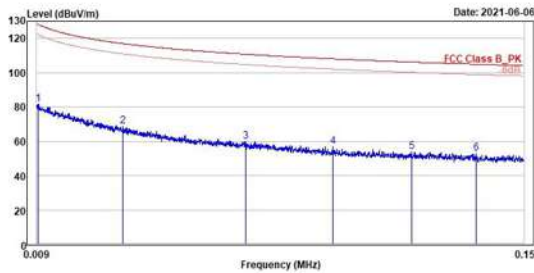


TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec 2, Fenglin, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



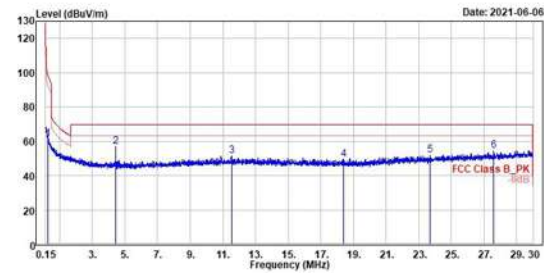
ZIGBEE

25 (Close) 9kHz~150kHz



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	81.56	4.25	77.31	128.05	-46.49	100	88 QP	Close		
2	0.03	68.71	0.93	67.78	116.97	-48.26	100	358 QP	Close		
3	0.07	60.05	-1.25	61.30	110.77	-50.72	100	280 QP	Close		
4	0.09	56.94	-1.01	57.95	108.06	-51.12	100	292 QP	Close		
5	0.12	53.65	-2.06	56.51	106.20	-52.55	100	150 QP	Close		
6	0.14	52.97	-2.74	55.71	104.92	-51.95	100	0 QP	Close		

25 (Close) 150kHz~30MHz



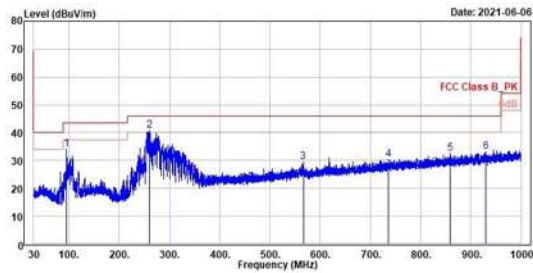
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.28	61.33	11.06	49.47	96.62	-37.29	100	360 QP	Close		
2	4.43	57.02	20.51	36.51	69.50	-12.48	100	129 QP	Close		
3	11.52	51.56	13.49	38.07	69.50	-17.94	100	268 QP	Close		
4	18.39	49.45	11.88	37.57	69.50	-20.05	100	151 QP	Close		
5	23.68	51.96	12.79	39.17	69.50	-17.54	100	33 QP	Close		
6	27.58	54.32	13.32	41.00	69.50	-15.18	100	0 QP	Close		

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

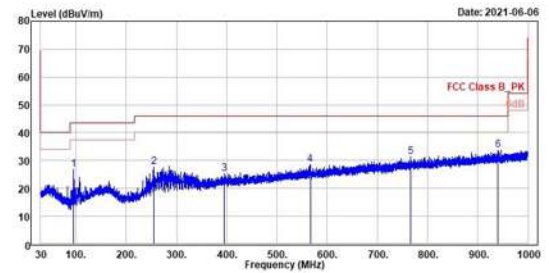
ZIGBEE

25 (Horizontal)

25 (Vertical)



	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	95.28	34.14	47.52	-13.38	43.50	-9.36	200	164	QP	Horizontal		
2	260.08	40.72	45.73	-8.01	46.00	-5.28	100	48	QP	Horizontal		
3	566.51	29.46	31.45	-1.99	46.00	-16.54	100	258	QP	Horizontal		
4	736.65	30.43	29.44	0.99	46.00	-15.57	200	242	QP	Horizontal		
5	859.74	32.46	29.64	2.82	46.00	-13.54	144	360	QP	Horizontal		
6	938.45	33.29	29.35	3.94	46.00	-12.71	400	46	QP	Horizontal		



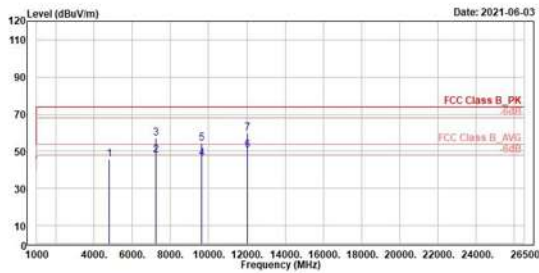
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	95.28	26.78	40.16	-13.38	43.50	-16.72	200	252	QP	Vertical		
2	254.75	27.62	35.68	-8.06	46.00	-18.38	200	299	QP	Vertical		
3	395.88	25.15	29.35	-4.20	46.00	-20.85	100	80	QP	Vertical		
4	566.51	28.45	30.44	-1.99	46.00	-17.55	300	228	QP	Vertical		
5	766.33	31.36	29.09	1.47	46.00	-14.64	200	301	QP	Vertical		
6	948.64	33.85	29.68	4.17	46.00	-12.15	100	24	QP	Vertical		

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

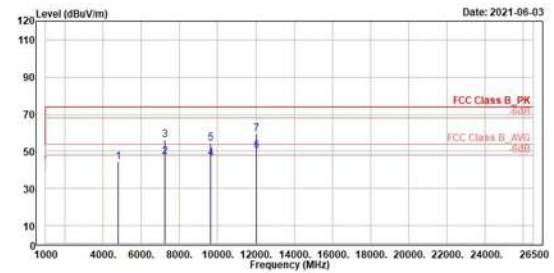
ZIGBEE

11 (Horizontal)

11 (Vertical)



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	4810.00	45.49	55.26	-9.77	74.00	-28.51	480	48	Peak	Horizontal	
2	7215.00	47.89	55.15	-7.26	85.46	-37.57	285	22	Average	Horizontal	
3	7215.00	57.05	64.31	-7.26	88.76	-31.71	285	22	Peak	Horizontal	
4	9620.00	45.89	50.79	-4.90	85.46	-39.57	371	250	Average	Horizontal	
5	9620.00	54.37	59.27	-4.90	88.76	-34.39	371	250	Peak	Horizontal	
6	12025.00	50.59	50.00	-0.21	54.00	-3.41	182	275	Average	Horizontal	
7	12025.00	59.83	60.04	-0.21	74.00	-14.17	182	275	Peak	Horizontal	

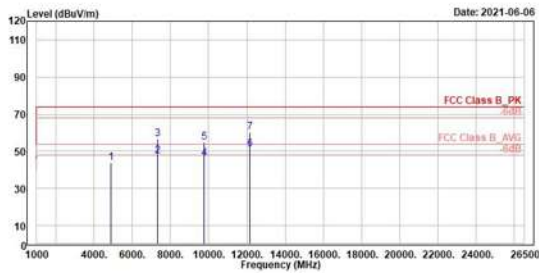


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4810.00	44.30	54.07	-9.77	74.00	-29.70	300	248	Peak	Vertical	
2	7215.00	47.15	54.41	-7.26	83.23	-36.08	355	323	Average	Vertical	
3	7215.00	56.10	63.36	-7.26	86.49	-30.39	355	323	Peak	Vertical	
4	9620.00	45.87	50.77	-4.90	83.23	-37.36	100	296	Average	Vertical	
5	9620.00	54.46	59.36	-4.90	86.49	-32.03	100	296	Peak	Vertical	
6	12025.00	50.36	50.57	-0.21	54.00	-3.64	219	10	Average	Vertical	
7	12025.00	59.13	59.34	-0.21	74.00	-14.87	219	10	Peak	Vertical	

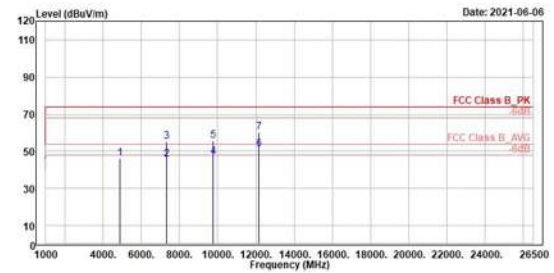
ZIGBEE

17 (Horizontal)

17 (Vertical)



	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	4870.00	44.03	53.71	-9.68	74.00	-29.97	180	50	Peak	Horizontal		
2	7305.00	47.36	54.68	-7.24	54.00	-6.64	311	27	Average	Horizontal		
3	7305.00	56.37	63.61	-7.24	74.00	-17.63	311	27	Peak	Horizontal		
4	9740.00	46.18	50.81	-4.63	85.21	-39.03	360	360	Average	Horizontal		
5	9740.00	54.72	59.35	-4.63	88.53	-33.81	360	360	Peak	Horizontal		
6	12175.00	51.05	51.02	0.03	54.00	-2.95	399	191	Average	Horizontal		
7	12175.00	60.19	60.16	0.03	74.00	-13.81	399	191	Peak	Horizontal		



	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	4870.00	46.29	55.07	-9.68	74.00	-27.71	400	266	Peak	Vertical		
2	7305.00	45.77	53.01	-7.24	54.00	-8.23	300	334	Average	Vertical		
3	7305.00	55.26	62.50	-7.24	74.00	-18.74	300	334	Peak	Vertical		
4	9740.00	47.02	51.65	-4.63	83.95	-36.93	100	307	Average	Vertical		
5	9740.00	55.73	60.36	-4.63	87.12	-31.39	100	307	Peak	Vertical		
6	12175.00	51.10	51.07	0.03	54.00	-2.90	221	16	Average	Vertical		
7	12175.00	60.18	60.15	0.03	74.00	-13.82	221	16	Peak	Vertical		

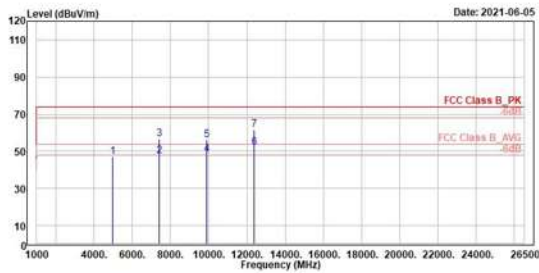
ZIGBEE

25 (Horizontal)

25 (Vertical)



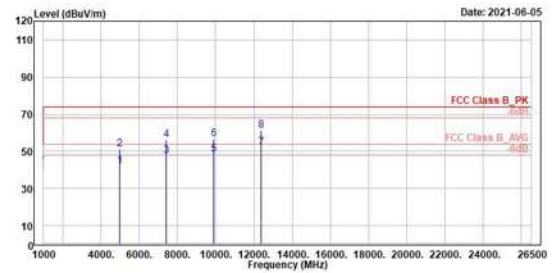
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenglin, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	4950.00	47.11	56.58	-9.47	74.00	-26.89	180	294	Peak	Horizontal		
2	7425.00	47.65	54.93	-7.28	54.00	-6.35	290	28	Average	Horizontal		
3	7425.00	56.65	63.93	-7.28	74.00	-17.35	290	28	Peak	Horizontal		
4	9900.00	48.47	52.87	-4.40	84.44	-35.97	200	252	Average	Horizontal		
5	9900.00	56.03	60.43	-4.40	87.83	-31.80	200	252	Peak	Horizontal		
6	12375.00	52.15	51.93	0.22	54.00	-1.85	380	14	Average	Horizontal		
7	12375.00	61.42	61.20	0.22	74.00	-12.58	380	14	Peak	Horizontal		



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenglin, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

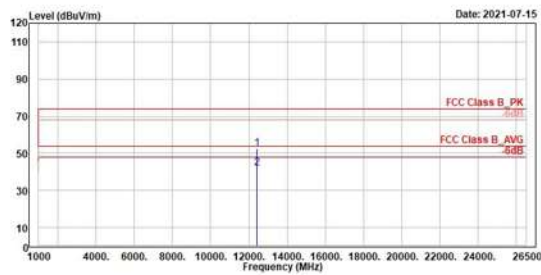


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4950.00	42.12	51.59	-9.47	54.00	-11.88	400	263	Average	Vertical		
2	4950.00	51.04	60.51	-9.47	74.00	-22.96	400	263	Peak	Vertical		
3	7425.00	47.26	54.54	-7.28	54.00	-6.74	392	333	Average	Vertical		
4	7425.00	56.28	63.56	-7.28	74.00	-17.72	392	333	Peak	Vertical		
5	9900.00	48.28	52.68	-4.40	84.44	-36.16	102	305	Average	Vertical		
6	9900.00	56.71	61.11	-4.40	87.39	-30.68	102	305	Peak	Vertical		
7	12375.00	52.11	51.89	0.22	54.00	-1.89	100	359	Average	Vertical		
8	12375.00	61.30	61.08	0.22	74.00	-12.70	100	359	Peak	Vertical		

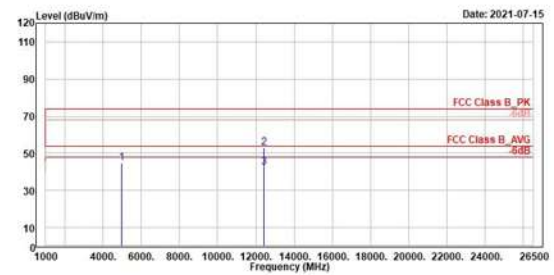
ZIGBEE

26 (Horizontal)

26 (Vertical)



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	12400.00	52.37	51.29	1.08	74.00	-21.63	480	114	Peak	Horizontal	
2	12400.00	42.05	40.97	1.08	54.00	-11.95	480	114	Average	Horizontal	



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	4960.00	44.75	54.02	-9.27	74.00	-29.25	380	92	Peak	Vertical	
2	12400.00	52.93	51.85	1.08	74.00	-21.07	215	10	Peak	Vertical	
3	12400.00	42.47	41.39	1.08	54.00	-11.53	215	10	Average	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

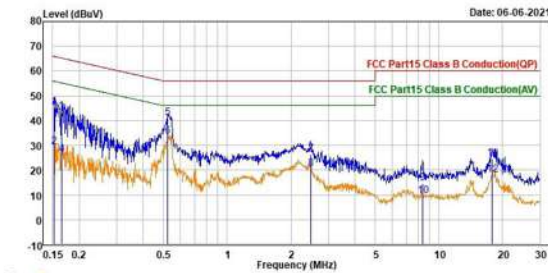
Worst Band

(Line)

(Neutral)



TUV Rheinland Taiwan Ltd(New Taipei City Branch).
No. 458-19, Sec. 2, Fenliao Rd., Linkou Dist., New Taipei City 244
Tel:+886-2172-1000 Fax:+886-2172-1322

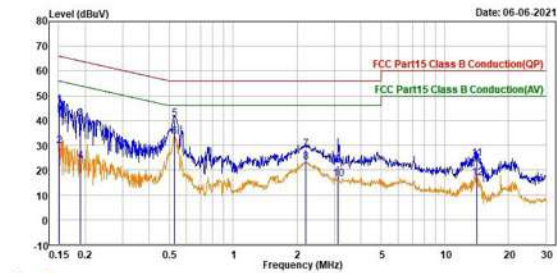


Trace: 1

	Read			Limit	Over			
Freq	Level	Factor	Level	Line	Limit	Remark	Pol/Phase	Note
MHz	dBuV	dB	dBuV	dBuV	dB			
1	0.152	35.94	9.66	45.60	65.92	-20.32 QP	line1	
2	0.152	19.82	9.66	29.48	55.92	-26.44 Average	line1	
3	0.166	33.37	9.66	43.03	65.17	-22.14 QP	line1	
4	0.166	16.66	9.66	26.32	55.17	-28.85 Average	line1	
5	0.524	31.20	9.65	40.85	56.00	-15.15 QP	line1	
6	0.524	23.80	9.65	33.45	46.00	-12.55 Average	line1	
7	2.482	16.69	9.68	26.37	56.00	-29.63 QP	line1	
8	2.482	10.83	9.68	20.51	46.00	-25.49 Average	line1	
9	8.375	4.86	9.74	14.60	60.00	-45.40 QP	line1	
10	8.375	-0.32	9.74	9.42	50.00	-40.58 Average	line1	
11	17.776	14.72	9.75	24.47	60.00	-35.53 QP	line1	
12	17.776	8.43	9.75	18.18	50.00	-31.82 Average	line1	



TUV Rheinland Taiwan Ltd(New Taipei City Branch).
No. 458-19, Sec. 2, Fenliao Rd., Linkou Dist., New Taipei City 244
Tel:+886-2172-1000 Fax:+886-2172-1322



Trace: 1

	Read			Limit	Over			
Freq	Level	Factor	Level	Line	Limit	Remark	Pol/Phase	Note
MHz	dBuV	dB	dBuV	dBuV	dB			
1	0.151	36.36	9.68	46.04	65.96	-19.92 QP	neutral	
2	0.151	19.94	9.68	29.62	55.96	-26.34 Average	neutral	
3	0.190	30.91	9.67	40.58	64.05	-23.47 QP	neutral	
4	0.190	13.98	9.67	23.65	54.05	-30.40 Average	neutral	
5	0.527	30.86	9.66	40.52	56.00	-15.48 QP	neutral	
6	0.527	23.70	9.66	33.36	46.00	-12.64 Average	neutral	
7	2.202	18.56	9.70	28.26	56.00	-27.74 QP	neutral	
8	2.202	13.42	9.70	23.12	46.00	-22.88 Average	neutral	
9	3.137	12.22	9.71	21.93	56.00	-34.07 QP	neutral	
10	3.137	6.55	9.71	16.26	46.00	-29.74 Average	neutral	
11	14.134	14.69	9.82	24.51	60.00	-35.49 QP	neutral	
12	14.134	6.92	9.82	16.74	50.00	-33.26 Average	neutral	

Test Results of Radiated Emissions & Mains Conducted Emission

Test_MSK32WT-M13

Band Edges, 2.31GHz ~ 2.9GHz

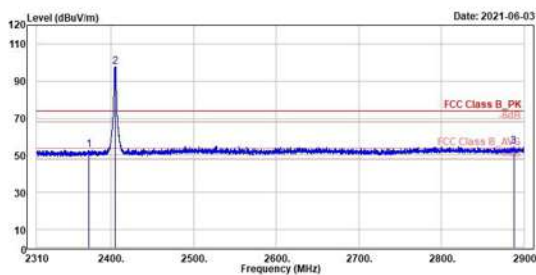
ZIGBEE

11 (Horizontal) Peak

11 (Vertical) Peak



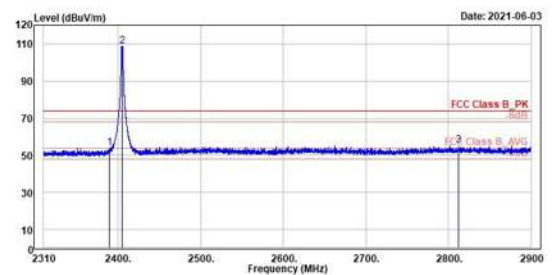
TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec. 2, Fenhua, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	2372.78	53.07	15.63	37.44	74.00	+20.93	303	128	Peak	Horizontal	
2	2485.00	97.62	59.95	37.67	74.00	23.62	303	128	Peak	Horizontal	
3	2887.73	54.91	16.35	38.56	74.00	-19.09	303	128	Peak	Horizontal	



TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec. 2, Fenhua, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

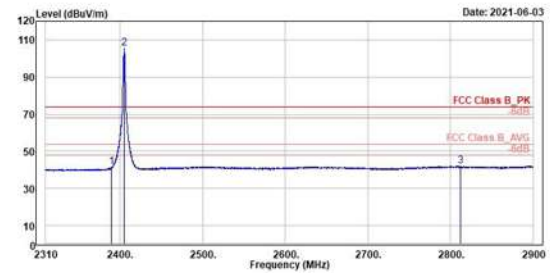
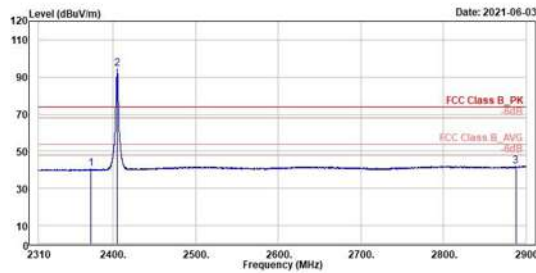


Peak	Freq	Level	Read	Level Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2390.00	53.68	16.12	37.56	74.00	-20.32	105	297	Peak	Vertical	
2	2485.00	100.60	70.93	37.67	74.00	26.60	105	297	Peak	Vertical	
3	2811.85	55.43	17.11	38.32	74.00	-18.57	105	297	Peak	Vertical	

ZIGBEE

11 (Horizontal) Average

11 (Vertical) Average



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	2372.78	40.46	3.02	37.44	54.00	-13.54	303	128	Average	Horizontal	
2 *	2405.00	94.41	56.74	37.67	54.00	40.41	303	128	Average	Horizontal	
3	2887.73	41.91	3.35	38.56	54.00	-12.09	303	128	Average	Horizontal	

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	2390.00	41.44	3.68	37.76	54.00	-12.56	105	297	Average	Vertical	
2 *	2405.00	105.39	67.72	37.67	54.00	51.39	105	297	Average	Vertical	
3	2811.85	41.99	3.67	38.32	54.00	-12.01	105	297	Average	Vertical	

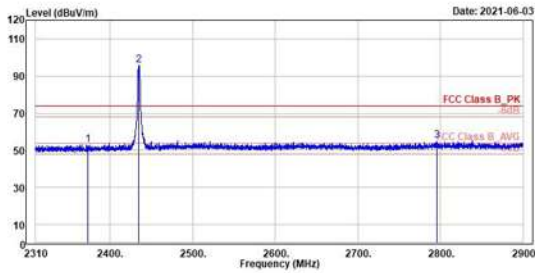
ZIGBEE

17 (Horizontal) Peak

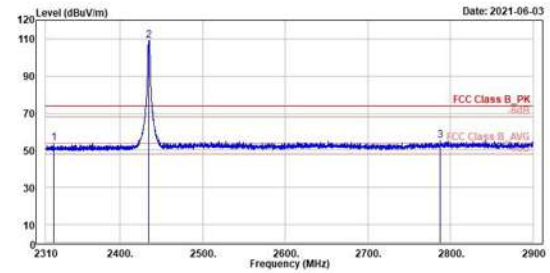
17 (Vertical) Peak



TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec. 2, Fenhua Rd., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



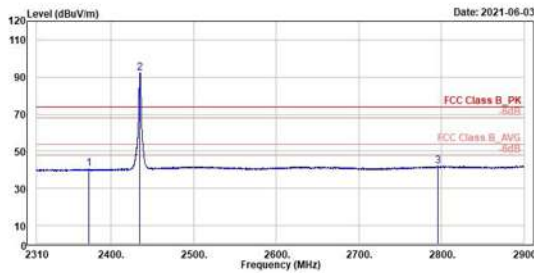
TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec. 2, Fenhua Rd., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



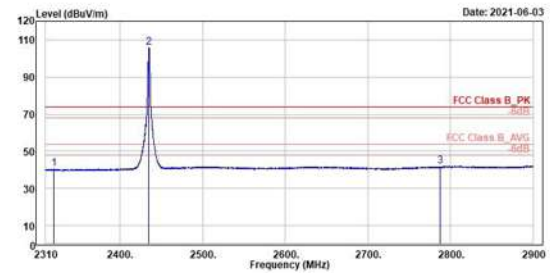
ZIGBEE

17 (Horizontal) Average

17 (Vertical) Average



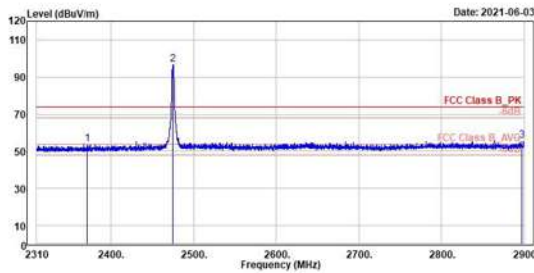
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2373.69	40.38	2.94	37.44	54.00	-13.62	100	291	Average	Horizontal	
2 *	2435.00	92.31	54.43	37.88	54.00	38.31	100	291	Average	Horizontal	
3	2795.45	41.95	3.66	38.29	54.00	-12.05	100	291	Average	Horizontal	



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	2320.03	40.48	3.38	37.10	54.00	-13.52	126	255	Average	Vertical	
2 *	2435.00	105.69	67.81	37.88	54.00	51.69	126	255	Average	Vertical	
3	2787.90	41.96	3.69	38.27	54.00	-12.04	126	255	Average	Vertical	

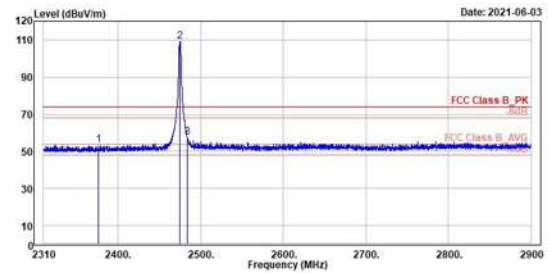
ZIGBEE

25 (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	2371.24	53.92	16.49	37.43	74.00	-20.08	400	290	Peak	Horizontal	
2 *	2475.00	96.66	50.54	38.12	74.00	22.66	400	290	Peak	Horizontal	
3	2897.29	55.54	16.93	38.61	74.00	-18.46	400	290	Peak	Horizontal	

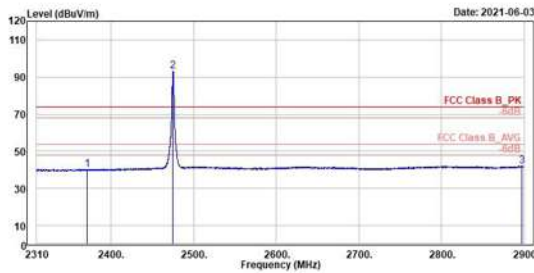
25 (Vertical) Peak



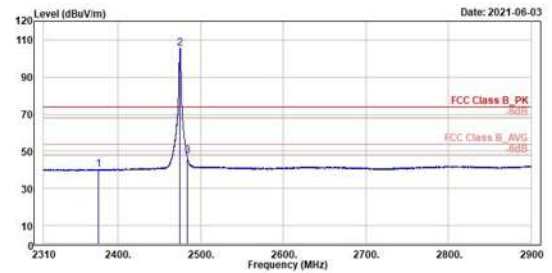
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2376.67	53.31	15.85	37.46	74.00	-20.69	123	267	Peak	Vertical	
2 *	2475.00	100.93	79.81	38.12	74.00	34.93	123	267	Peak	Vertical	
3	2483.50	57.52	19.36	38.16	74.00	-16.48	123	267	Peak	Vertical	

ZIGBEE

25 (Horizontal) Average



25 (Vertical) Average



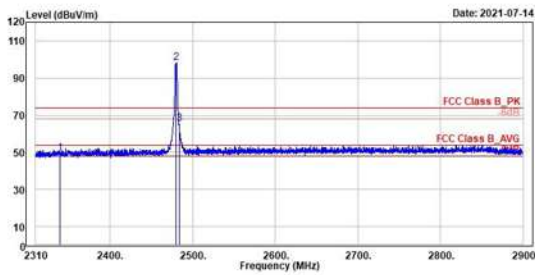
ZIGBEE

26 (Horizontal) Peak

26 (Vertical) Peak



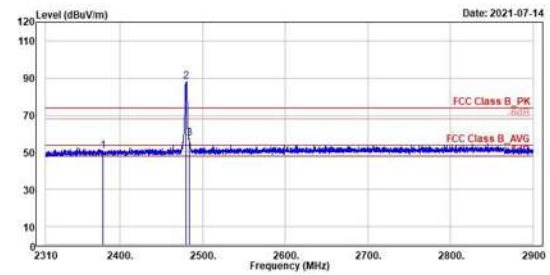
TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec. 2, Fenhua Rd., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2339.09	49.19	12.02	37.17	74.00	-24.81	100	285 Peak	Vertical	
2 *	2480.00	98.25	60.56	37.69	74.00	24.25	100	285 Peak	Vertical	
3	2483.50	65.19	27.48	37.71	74.00	-8.81	100	285 Peak	Vertical	



TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec. 2, Fenhua Rd., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

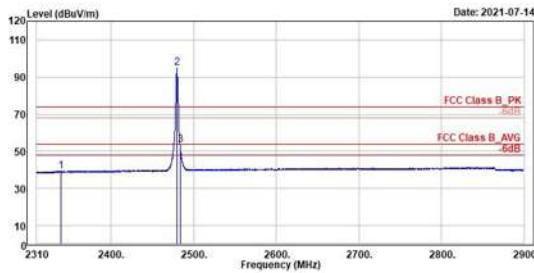


	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2379.02	50.49	13.20	37.29	74.00	-23.51	289	159 Peak	Horizontal	
2 *	2480.00	87.86	50.17	37.69	74.00	13.86	289	159 Peak	Horizontal	
3	2483.50	57.36	19.65	37.71	74.00	-16.64	289	159 Peak	Horizontal	

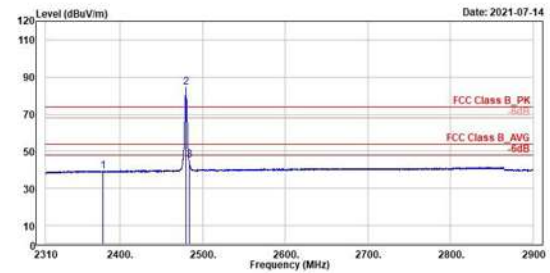
ZIGBEE

26 (Horizontal) Average

26 (Vertical) Average



	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	2339.09	39.35	2.18	37.17	54.00	-14.65	100	285	Average	Vertical		
2 *	2480.00	94.88	57.19	37.69	54.00	40.88	100	285	Average	Vertical		
3 †	2483.50	53.50	15.79	37.71	54.00	-0.50	100	285	Average	Vertical		



	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	2379.02	39.46	2.17	37.29	54.00	-14.54	289	159	Average	Horizontal		
2 *	2480.00	84.44	46.75	37.69	54.00	30.44	289	159	Average	Horizontal		
3	2483.50	45.24	7.53	37.71	54.00	-8.76	289	159	Average	Horizontal		

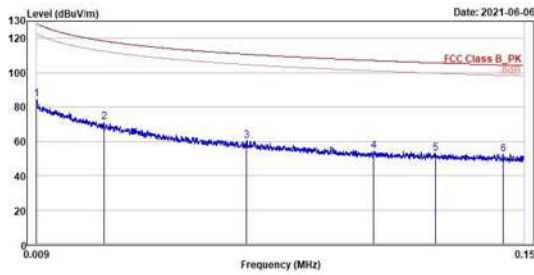
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

ZIGBEE

25 (Open) 9kHz~150kHz



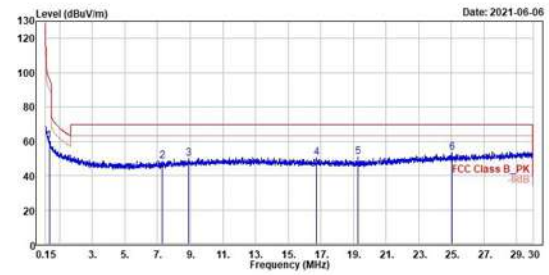
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenglin, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	84.47	6.63	77.84	126.50	-44.03	100	55	QP	Open		
2	0.03	71.15	1.78	69.37	118.51	-47.36	100	17	QP	Open		
3	0.07	60.39	-0.85	61.24	110.72	-50.33	100	59	QP	Open		
4	0.11	54.22	-2.76	56.98	107.05	-52.83	100	191	QP	Open		
5	0.12	52.75	-3.46	56.21	105.70	-52.95	100	65	QP	Open		
6	0.14	52.46	-2.91	55.37	104.44	-51.98	100	10	QP	Open		



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenglin, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



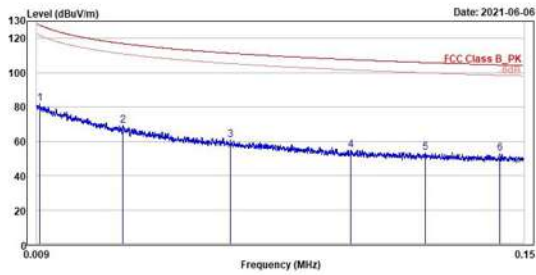
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.36	60.20	12.61	47.59	96.50	-36.30	100	13	QP	Open		
2	7.27	48.61	11.43	37.18	69.50	-20.89	100	91	QP	Open		
3	8.89	50.16	12.39	37.77	69.50	-19.34	100	146	QP	Open		
4	16.72	50.22	12.53	37.69	69.50	-19.28	100	262	QP	Open		
5	19.28	50.93	13.42	37.51	69.50	-18.57	100	195	QP	Open		
6	25.03	53.53	13.72	39.81	69.50	-15.97	100	195	QP	Open		

ZIGBEE

25 (Close) 9kHz~150kHz



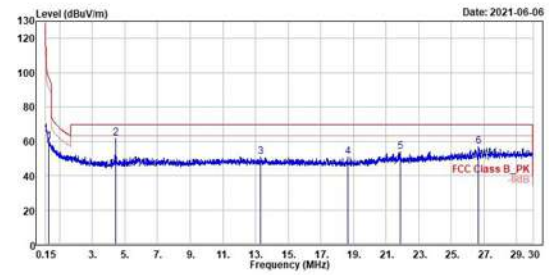
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenglin, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	82.14	5.20	76.94	127.74	-45.60	100	21	QP	Close	
2	0.03	69.10	1.33	67.77	116.97	-47.87	100	104	QP	Close	
3	0.07	60.97	-0.89	61.86	111.32	-50.35	100	325	QP	Close	
4	0.10	55.04	-2.23	57.27	107.61	-52.57	100	14	QP	Close	
5	0.12	53.20	-3.13	56.33	105.90	-52.70	100	112	QP	Close	
6	0.14	52.70	-2.71	55.41	104.49	-51.79	100	222	QP	Close	



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenglin, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



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	0.35	59.79	12.09	47.70	96.65	-36.86	100	171	QP	Close	
2	4.43	61.95	25.44	36.51	69.50	-7.55	100	84	QP	Close	
3	13.33	50.70	12.77	37.93	69.50	-18.80	100	289	QP	Close	
4	18.64	50.71	13.16	37.55	69.50	-18.79	100	138	QP	Close	
5	21.86	53.70	15.38	38.32	69.50	-15.80	100	115	QP	Close	
6	26.64	56.99	16.44	40.55	69.50	-12.51	100	106	QP	Close	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

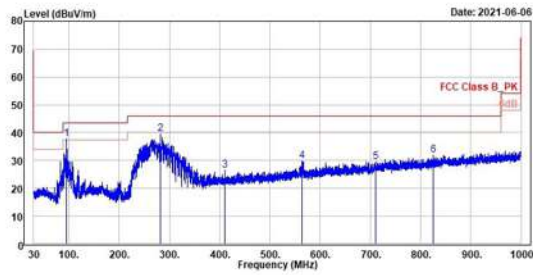
ZIGBEE

25 (Horizontal)

25 (Vertical)



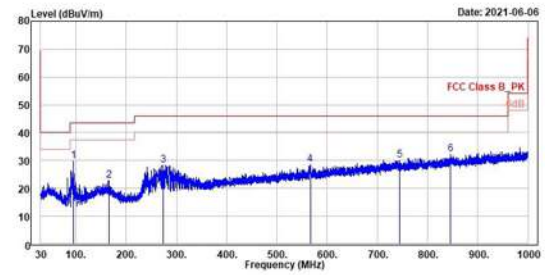
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenglin, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	95.18	37.63	51.02	-13.39	43.50	-5.87	200	158	QP	Horizontal		
2	282.20	39.55	46.44	-6.89	46.00	-6.45	100	295	QP	Horizontal		
3	411.11	26.32	30.56	-4.24	46.00	-19.68	300	251	QP	Horizontal		
4	564.76	29.90	31.91	-2.01	46.00	-16.10	200	267	QP	Horizontal		
5	709.97	29.60	29.20	0.40	46.00	-16.40	200	321	QP	Horizontal		
6	824.72	31.93	29.70	2.23	46.00	-14.07	166	360	QP	Horizontal		



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenglin, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



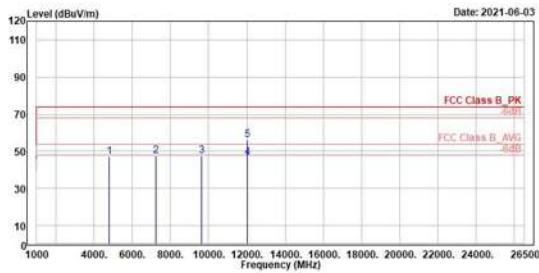
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	95.28	29.70	43.08	-13.38	43.50	-13.80	200	249	QP	Vertical		
2	166.09	22.88	28.86	-6.98	43.50	-20.62	100	349	QP	Vertical		
3	273.57	28.30	35.53	-7.23	46.00	-17.70	100	250	QP	Vertical		
4	566.51	28.66	30.65	-1.99	46.00	-17.34	300	226	QP	Vertical		
5	744.11	30.17	29.02	1.15	46.00	-15.83	152	360	QP	Vertical		
6	846.26	32.19	29.64	2.55	46.00	-13.81	100	149	QP	Vertical		

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

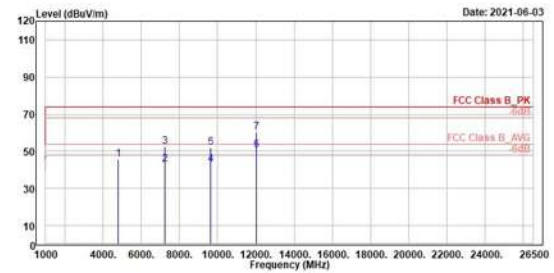
ZIGBEE

11 (Horizontal)

11 (Vertical)



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
4810.00	46.85	56.62	-9.77	74.00	-27.15	200	40 Peak	Horizontal	
7215.00	47.40	54.66	-7.26	77.62	-30.22	400	31 Peak	Horizontal	
9620.00	47.64	52.54	-4.90	77.62	-29.98	300	274 Peak	Horizontal	
12025.00	46.56	46.77	-0.21	54.00	-7.44	114	67 Average	Horizontal	
12025.00	56.14	56.35	-0.21	74.00	-17.86	114	67 Peak	Horizontal	



	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	45.72	55.49	-9.77	74.00	-28.28	300	266 Peak	Vertical	
2	7215.00	42.71	49.97	-7.26	85.39	-42.68	302	0 Average	Vertical	
3	7215.00	52.26	59.52	-7.26	88.60	-36.34	302	0 Peak	Vertical	
4	9620.00	42.85	47.75	-4.90	85.39	-42.54	315	360 Average	Vertical	
5	9620.00	51.88	56.78	-4.90	88.60	-36.72	315	360 Peak	Vertical	
6	12025.00	50.60	50.81	-0.21	54.00	-3.40	102	94 Average	Vertical	
7	12025.00	60.01	60.22	-0.21	74.00	-13.99	102	94 Peak	Vertical	

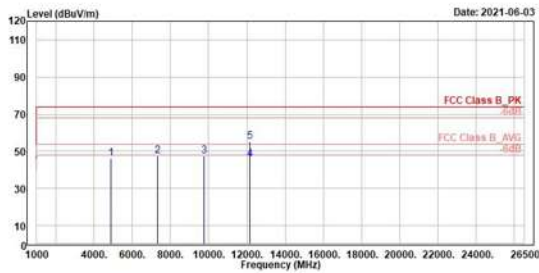
ZIGBEE

17 (Horizontal)

17 (Vertical)



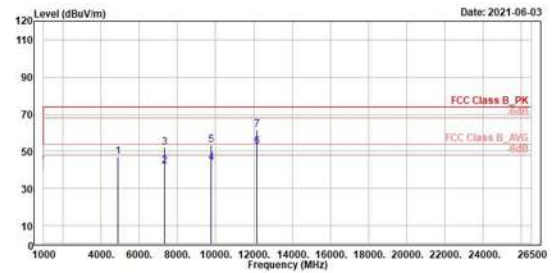
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenhua, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	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	4870.00	46.23	55.91	-9.68	74.00	-27.77	180	45	Peak	Horizontal		
2	7305.00	47.44	54.68	-7.24	74.00	-26.56	480	31	Peak	Horizontal		
3	9740.00	47.26	51.89	-4.63	75.65	-28.39	480	261	Peak	Horizontal		
4	12175.00	45.51	45.48	0.03	54.00	-8.49	110	71	Average	Horizontal		
5	12175.00	55.13	55.10	0.03	74.00	-18.87	110	71	Peak	Horizontal		



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec. 2, Fenhua, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

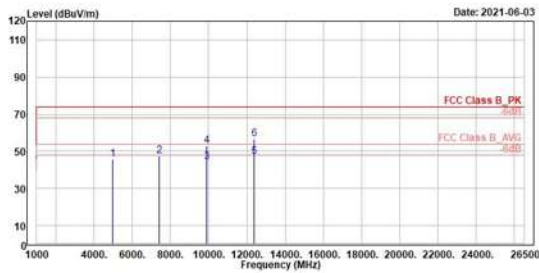


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4870.00	47.09	56.77	-9.68	74.00	-26.91	180	109	Peak	Vertical		
2	7305.00	42.06	49.30	-7.24	54.00	-11.94	387	360	Average	Vertical		
3	7305.00	51.79	59.03	-7.24	74.00	-22.21	387	360	Peak	Vertical		
4	9740.00	43.95	48.58	-4.63	85.69	-41.74	326	0	Average	Vertical		
5	9740.00	53.21	57.84	-4.63	88.98	-35.77	326	0	Peak	Vertical		
6	12175.00	52.42	52.39	0.03	54.00	-1.58	390	200	Average	Vertical		
7	12175.00	61.58	61.55	0.03	74.00	-12.42	390	200	Peak	Vertical		

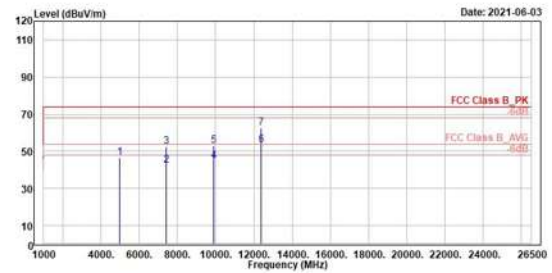
ZIGBEE

25 (Horizontal)

25 (Vertical)



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	4950.00	45.68	55.15	-9.47	74.00	+26.32	180	57	Peak	Horizontal	
2	7425.00	47.38	54.66	-7.28	74.00	+26.62	310	368	Peak	Horizontal	
3	9900.00	44.41	48.81	-4.40	72.88	+28.47	400	247	Average	Horizontal	
4	9900.00	52.94	57.34	-4.40	76.66	+23.72	400	247	Peak	Horizontal	
5	12375.00	46.90	46.68	0.22	54.00	-7.10	100	321	Average	Horizontal	
6	12375.00	56.68	56.38	0.22	74.00	+17.40	180	321	Peak	Horizontal	

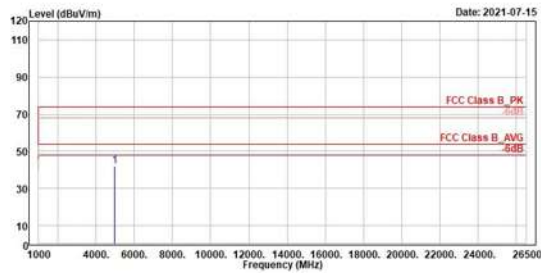


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4950.00	46.59	56.06	-9.47	74.00	+27.41	400	248	Peak	Vertical	
2	7425.00	42.36	49.64	-7.28	54.00	-11.64	311	16	Average	Vertical	
3	7425.00	52.34	59.62	-7.28	74.00	+21.66	311	16	Peak	Vertical	
4	9900.00	44.51	48.91	-4.40	85.60	+41.09	400	286	Average	Vertical	
5	9900.00	53.09	57.49	-4.40	88.93	+35.84	400	286	Peak	Vertical	
6	12375.00	53.42	53.20	0.22	54.00	-0.58	200	97	Average	Vertical	
7	12375.00	62.53	62.31	0.22	74.00	+11.47	200	97	Peak	Vertical	

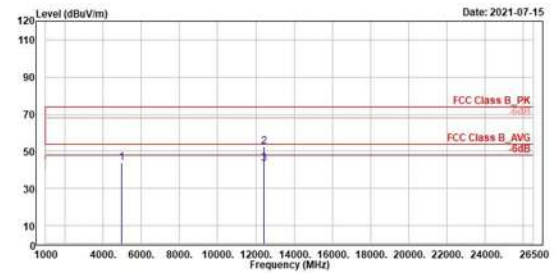
ZIGBEE

26 (Horizontal)

26 (Vertical)



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	4960.00	42.09	51.36	-9.27	74.00	-31.91	100	43	Peak	Horizontal	



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	4960.00	44.00	53.27	-9.27	74.00	-30.00	100	268	Peak	Vertical	
2	12400.00	52.67	51.59	1.00	74.00	-21.33	100	71	Peak	Vertical	
3	12400.00	43.17	42.09	1.00	54.00	-10.83	100	71	Average	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

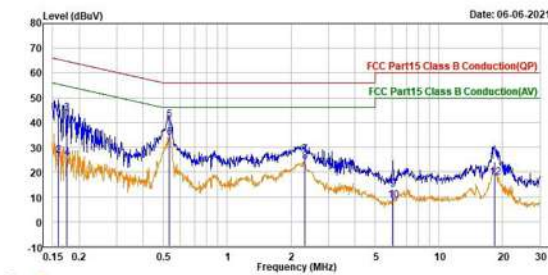
Worst Band

(Line)

(Neutral)



TÜV Rheinland Taiwan Ltd(New Taipei City Branch).
No. 458-19, Sec. 2, Fenliao Rd., Linkou Dist., New Taipei City 244
Tel:+886-2172-1000 Fax:+886-2172-1322

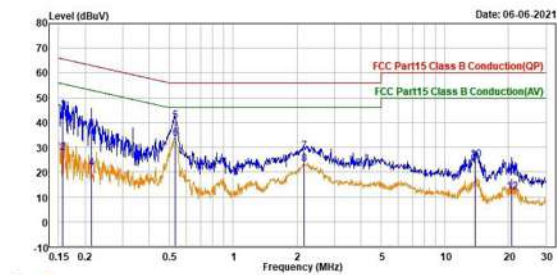


Trace: 1

	Read	Factor	Level	Limit	Over			
Freq	Level			Line	Limit	Remark	Pol/Phase	Note
MHz	dBuV	dB	dBuV	dBuV	dB			
1	0.159	33.80	9.66	43.46	65.50	-22.04 QP	line1	
2	0.159	16.95	9.66	26.61	55.50	-28.89 Average	line1	
3	0.174	33.91	9.65	43.56	64.76	-21.20 QP	line1	
4	0.174	15.88	9.65	25.53	54.76	-29.23 Average	line1	
5	0.532	31.18	9.65	40.83	56.00	-15.17 QP	line1	
6	0.532	24.20	9.65	33.85	46.00	-12.15 Average	line1	
7	2.326	17.27	9.68	26.95	56.00	-29.05 QP	line1	
8	2.326	14.54	9.68	24.22	46.00	-21.78 Average	line1	
9	6.087	3.37	9.72	13.09	60.00	-46.91 QP	line1	
10	6.087	-1.24	9.72	8.48	50.00	-41.52 Average	line1	
11	18.316	14.64	9.75	24.39	60.00	-35.61 QP	line1	
12	18.316	7.90	9.75	17.65	50.00	-32.35 Average	line1	



TÜV Rheinland Taiwan Ltd(New Taipei City Branch).
No. 458-19, Sec. 2, Fenliao Rd., Linkou Dist., New Taipei City 244
Tel:+886-2172-1000 Fax:+886-2172-1322



Trace: 1

	Read	Factor	Level	Limit	Over			
Freq	Level			Line	Limit	Remark	Pol/Phase	Note
MHz	dBuV	dB	dBuV	dBuV	dB			
1	0.157	35.29	9.68	44.97	65.63	-20.66 QP	neutral	
2	0.157	18.00	9.68	27.68	55.63	-27.95 Average	neutral	
3	0.215	27.53	9.67	37.20	63.02	-25.82 QP	neutral	
4	0.215	11.70	9.67	21.37	53.02	-31.65 Average	neutral	
5	0.532	30.83	9.66	40.49	56.00	-15.51 QP	neutral	
6	0.532	23.82	9.66	33.48	46.00	-12.52 Average	neutral	
7	2.169	18.52	9.70	28.22	56.00	-27.78 QP	neutral	
8	2.169	13.49	9.70	23.19	46.00	-22.81 Average	neutral	
9	13.855	14.26	9.82	24.08	60.00	-35.92 QP	neutral	
10	13.855	15.07	9.82	24.89	50.00	-25.11 Average	neutral	
11	20.746	7.47	9.83	17.30	60.00	-42.70 QP	neutral	
12	20.746	2.09	9.83	11.92	50.00	-38.08 Average	neutral	