

# Test Report No.50266112 001

## Appendix D: Radiated Emission Data

(File: 50266112AppendixD)

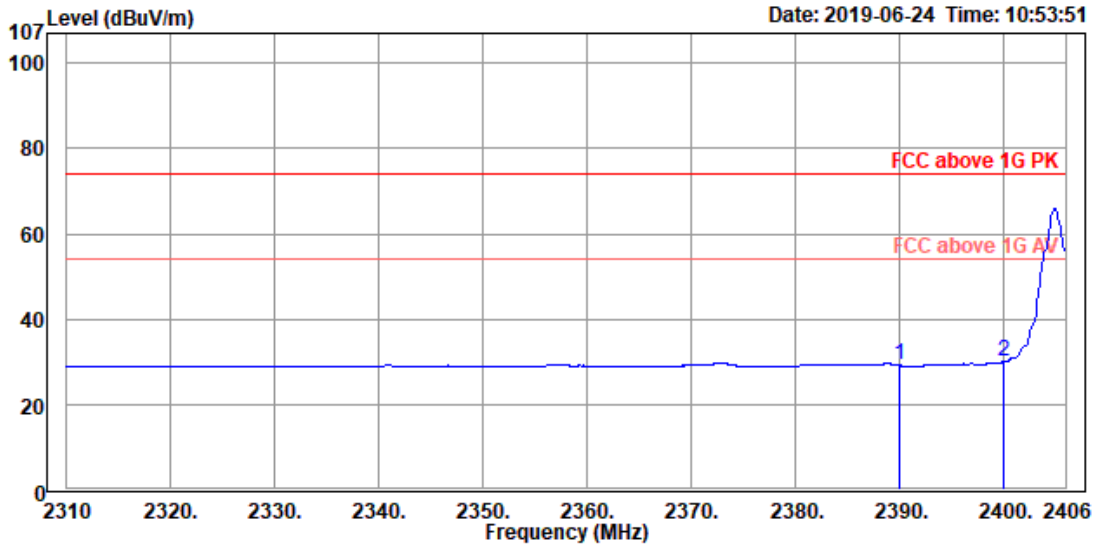
### Contents

Spurious Emissions, Fundamental and Band Edges.....	2
Spurious Emissions, TX Mode, 1-18G.....	10
Spurious Emissions, TX Mode, 18-26G.....	22
Spurious Emissions, TX Mode, 30M-1G .....	28
Spurious Emissions, RX Mode, 1-18G .....	30
Spurious Emissions, RX Mode, 18-26G .....	32
Spurious Emissions, RX Mode, 30M-1G.....	34
Spurious Emissions, Mains, 150kHz - 30MHz .....	36

# Radiated Emissions, Fundamental and Band Edges

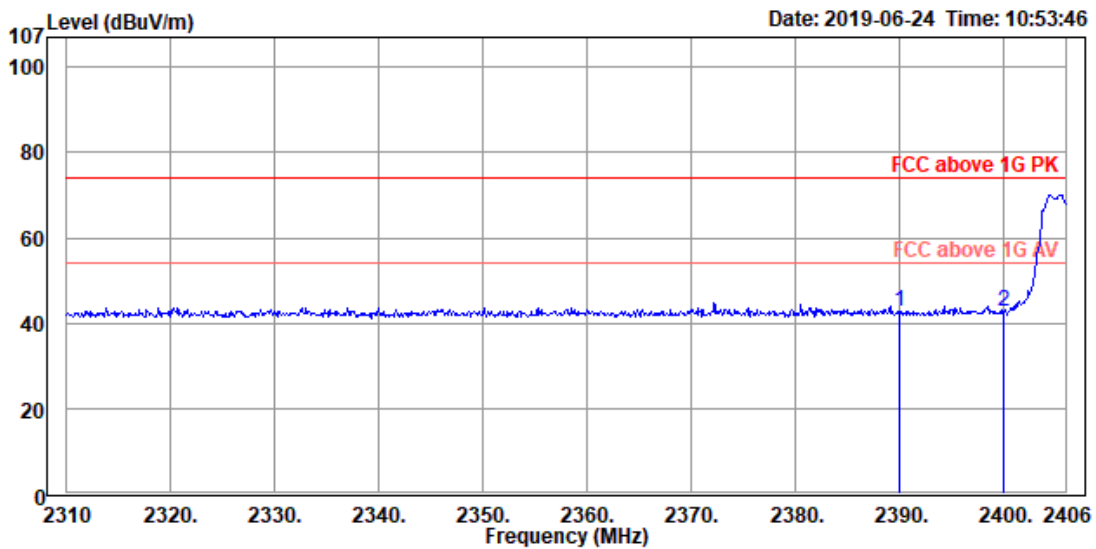


TUV Rheinland Taiwan Ltd.  
 11F., No. 758, Sec. 4 Bade Road, Songshan Dist, Taipei City 105  
 Tel:+886-2172-7000 Fax:+886-2528-0018



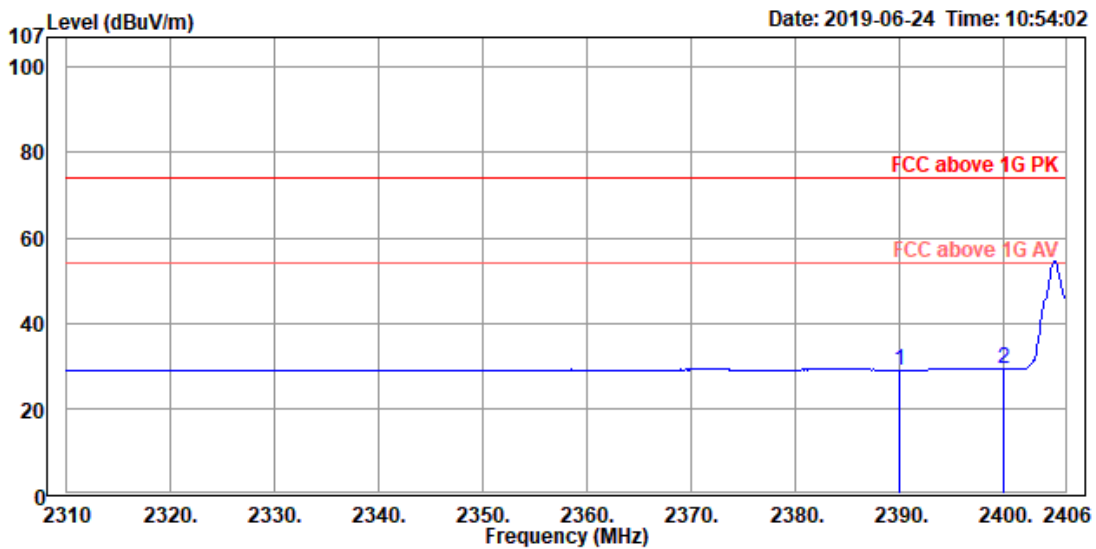
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2405  
 Memo : Z(平躺)

	Read	Limit	Over	APos	TPos				
Freq	Level	Level	Factor	Line	Limit	Remark	Note		
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB			cm	deg
1	2390.000	29.17	37.43	-8.26	54.00	-24.83		189	178
2	2400.000	29.95	38.17	-8.22	54.00	-24.05		189	178



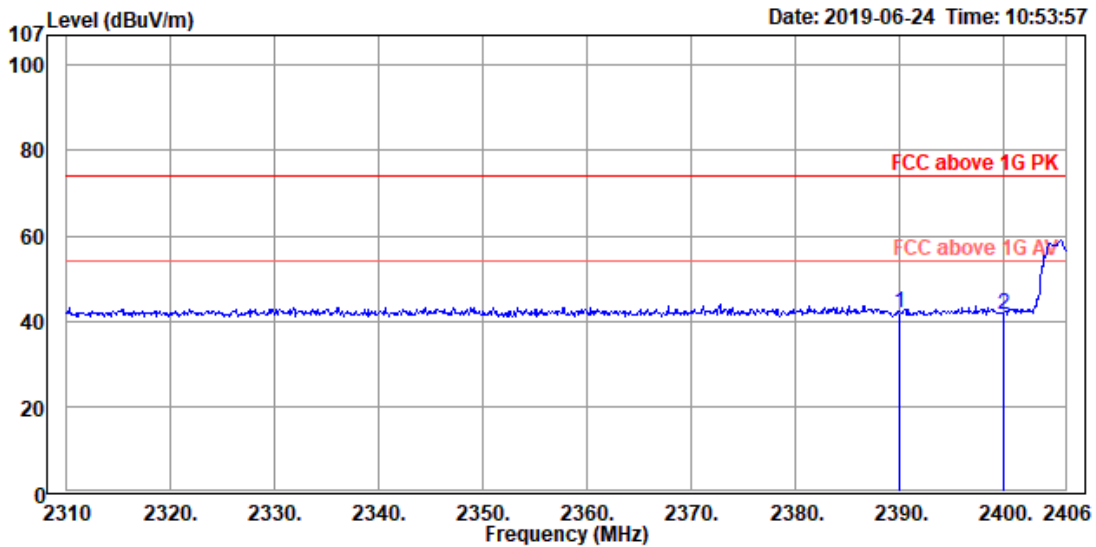
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2405  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	42.80	51.06	-8.26	74.00	-31.20	189	178	Peak	
2	2400.000	42.55	50.77	-8.22	74.00	-31.45	189	178	Peak	



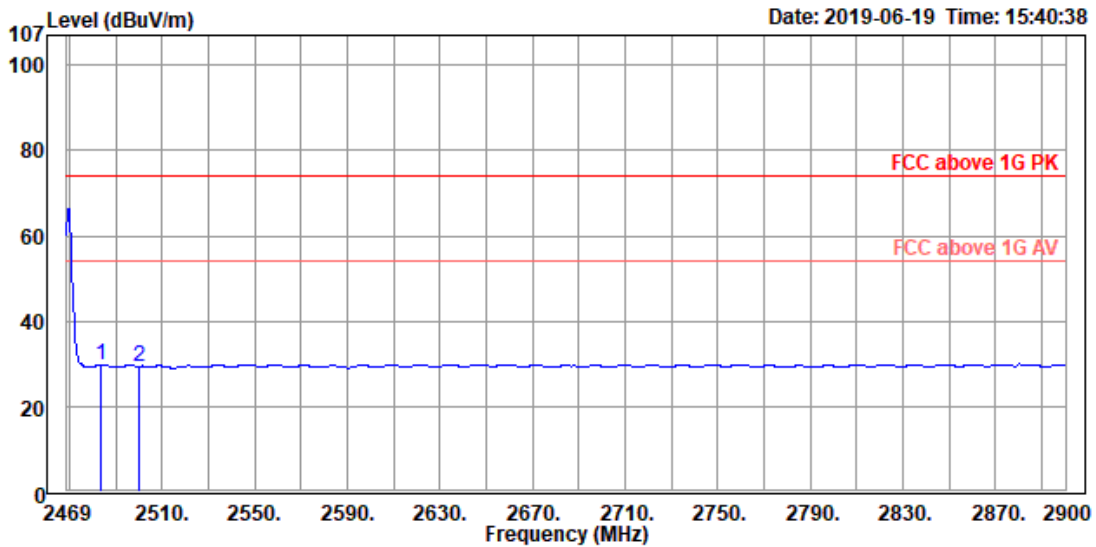
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2405  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	28.97	37.23	-8.26	54.00	-25.03	100	269	Average	
2	2400.000	29.19	37.41	-8.22	54.00	-24.81	100	269	Average	



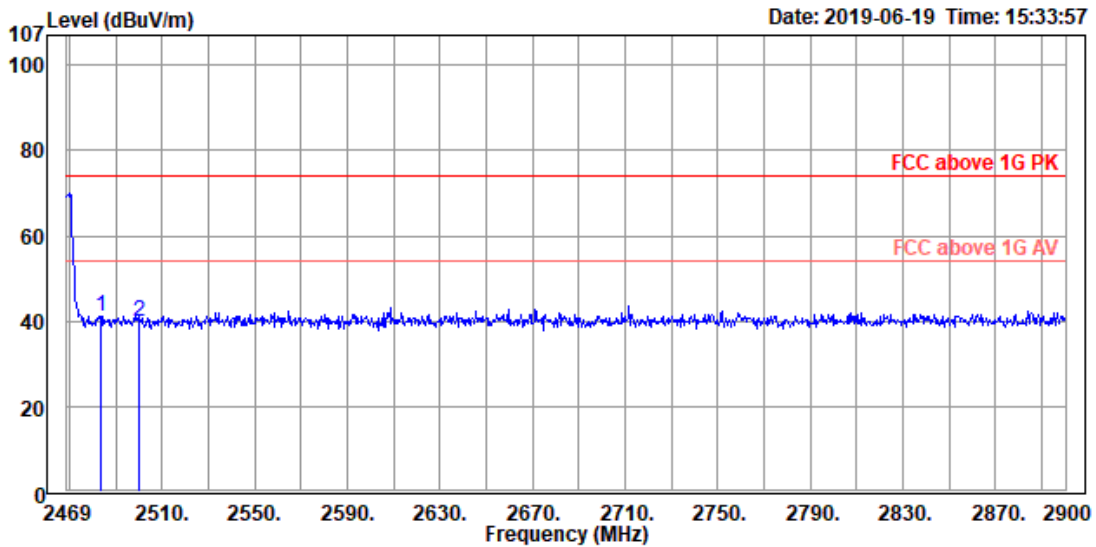
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2405  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	42.09	50.35	-8.26	74.00	-31.91	100	269	Peak	
2	2400.000	41.69	49.91	-8.22	74.00	-32.31	100	269	Peak	



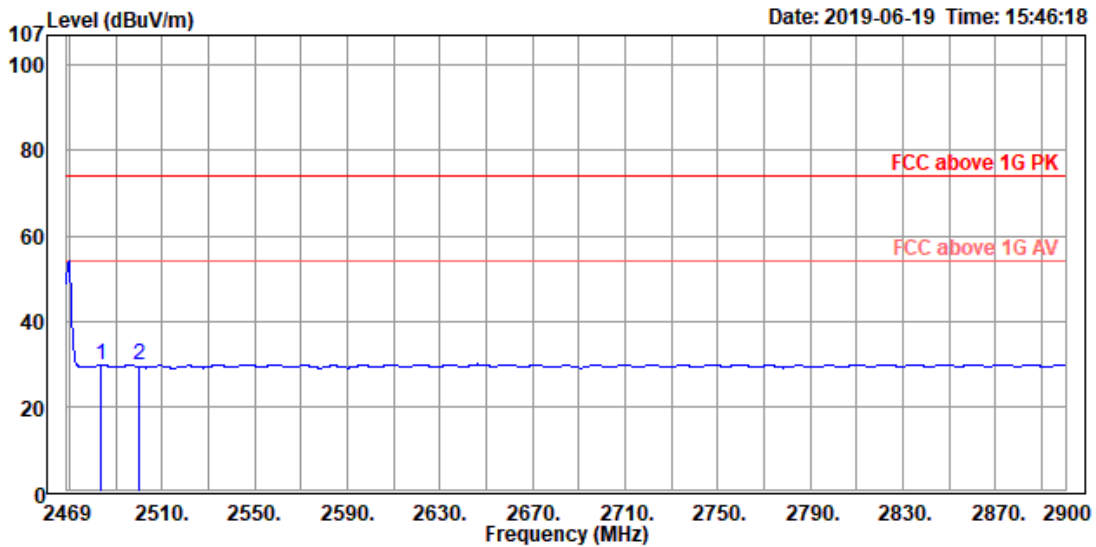
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2470  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	29.60	37.71	-8.11	54.00	-24.40	205	177	Average	
2	2500.000	29.33	37.48	-8.15	54.00	-24.67	205	177	Average	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2470  
 Memo : Z(平躺)

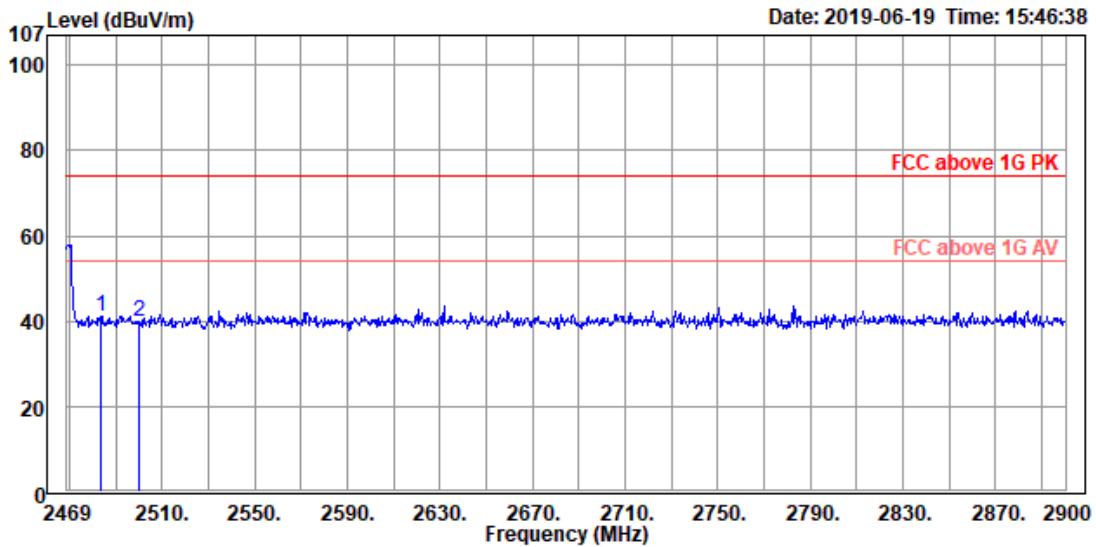
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	40.91	49.02	-8.11	74.00	-33.09	205	177	Peak	
2	2500.000	40.02	48.17	-8.15	74.00	-33.98	205	177	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2470  
 Memo : Z(平躺)

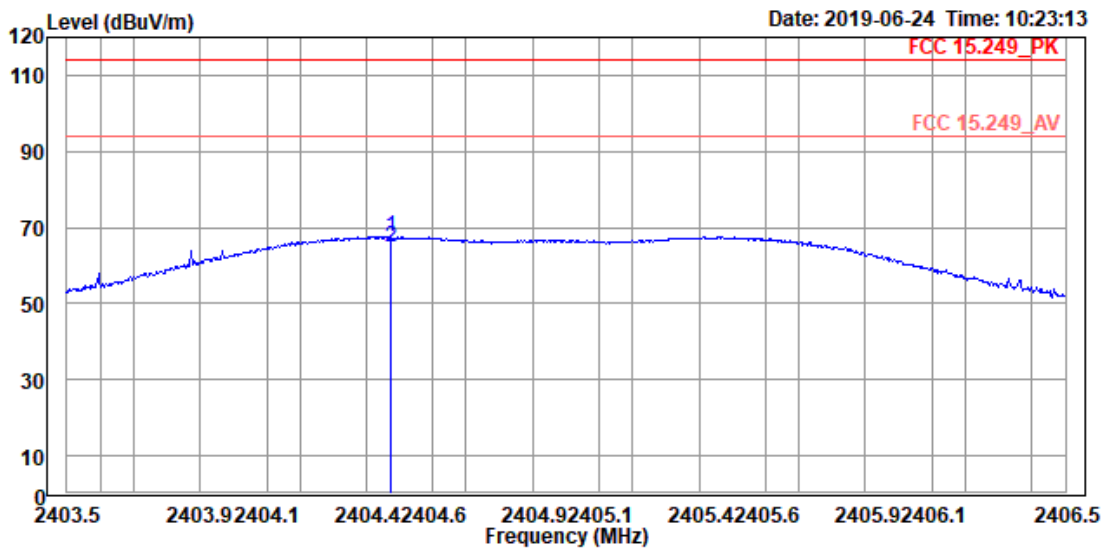
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	29.60	37.71	-8.11	54.00	-24.40	100	81	Average	
2	2500.000	29.52	37.67	-8.15	54.00	-24.48	100	81	Average	





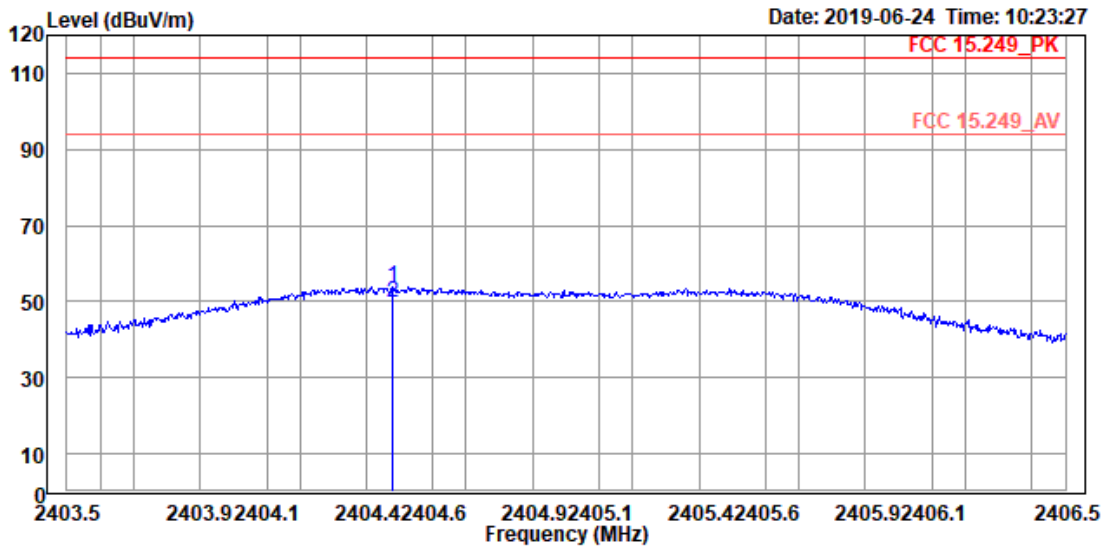
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2470  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	41.24	49.35	-8.11	74.00	-32.76	100	81	Peak	
2	2500.000	39.85	48.00	-8.15	74.00	-34.15	100	81	Peak	



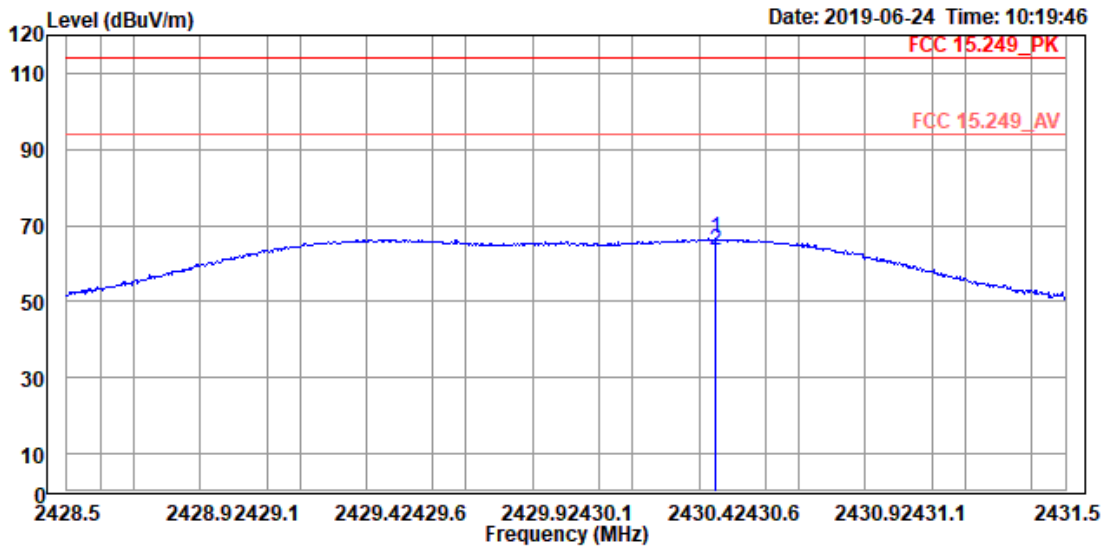
Site : 966A Chamber A  
 Condition : FCC 15.249\_PK 3m vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 22°C / 57%  
 Power Setting: default  
 Mode : BLE TX 2405  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2404.472	67.62	75.83	-8.21	114.00	-46.38	100	292	Peak	
2	2404.472	64.70	72.91	-8.21	94.00	-29.30	100	292	Average	



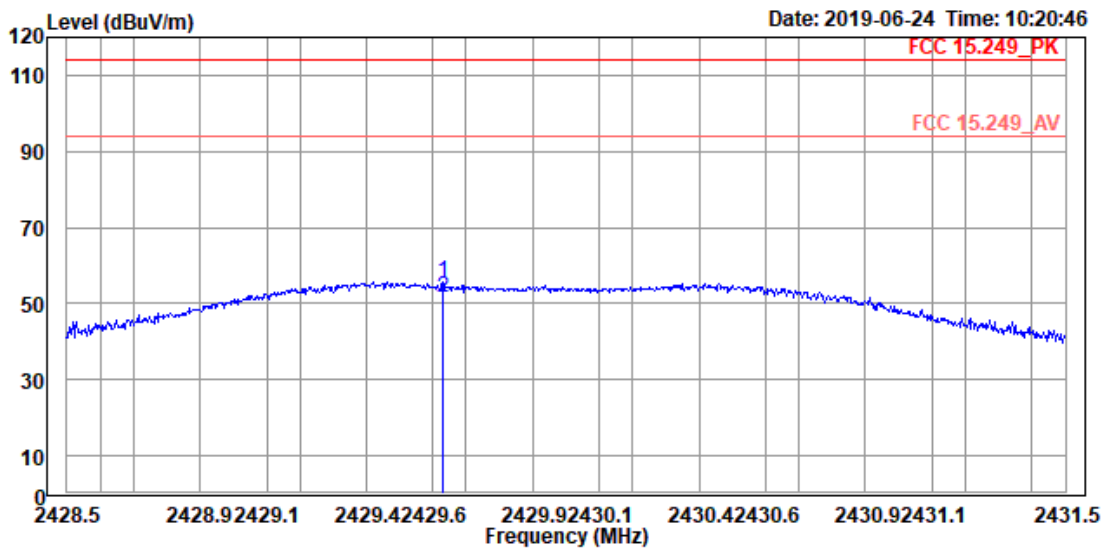
Site : 966A Chamber A  
 Condition : FCC 15.249\_PK 3m vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 22°C / 57%  
 Power Setting: default  
 Mode : BLE TX 2405  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2404.478	53.70	61.91	-8.21	114.00	-60.30	100	79	Peak	
2	2404.478	49.77	57.98	-8.21	94.00	-44.23	100	79	Average	



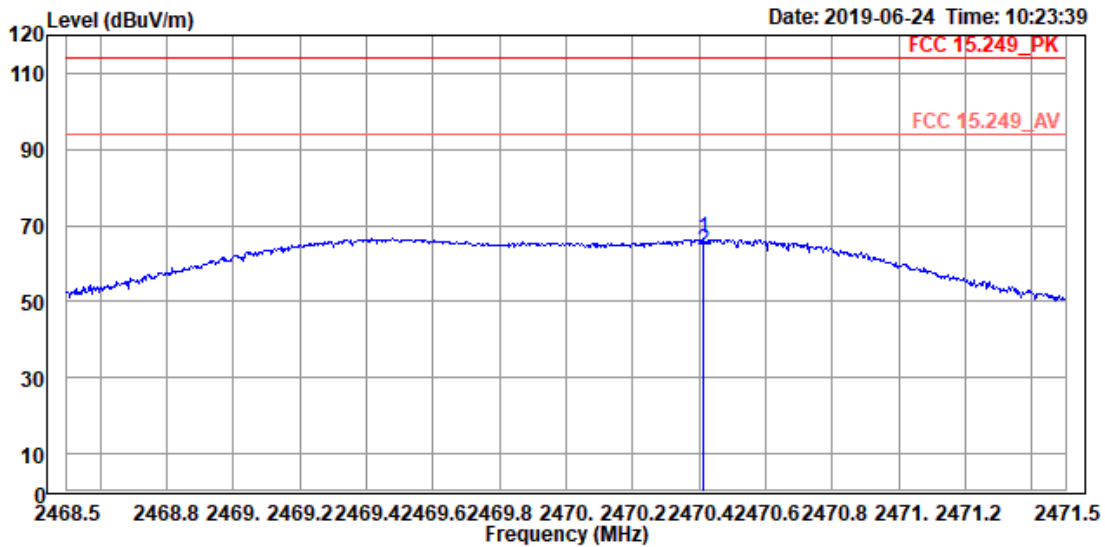
Site : 966A Chamber A  
 Condition : FCC 15.249\_PK 3m horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 22°C / 57%  
 Power Setting: default  
 Mode : BLE TX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2430.450	66.58	74.69	-8.11	114.00	-47.42	100	186	Peak	
2	2430.450	63.53	71.64	-8.11	94.00	-30.47	100	186	Average	



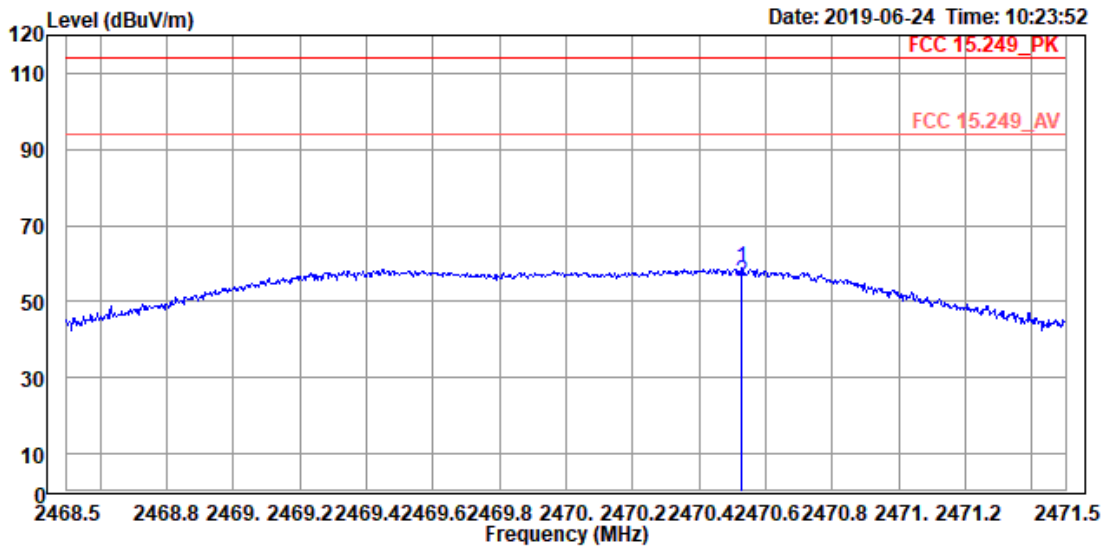
Site : 966A Chamber A  
 Condition : FCC 15.249\_PK 3m vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 22°C / 57%  
 Power Setting: default  
 Mode : BLE TX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2429.631	55.54	63.65	-8.11	114.00	-58.46	100	88	Peak	
2	2429.631	51.41	59.52	-8.11	94.00	-42.59	100	88	Average	



Site : 966A Chamber A  
 Condition : FCC 15.249\_PK 3m horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 22°C / 57%  
 Power Setting: default  
 Mode : BLE TX 2470  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2470.411	66.43	74.51	-8.08	114.00	-47.57	100	181	Peak	
2	2470.411	63.37	71.45	-8.08	94.00	-30.63	100	181	Average	



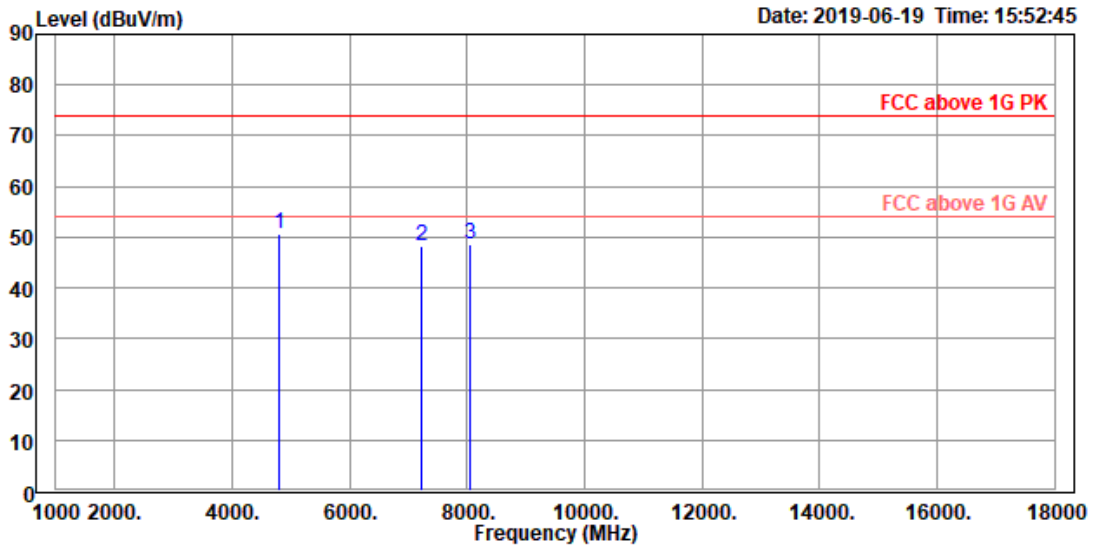
Site : 966A Chamber A  
 Condition : FCC 15.249\_PK 3m vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 22°C / 57%  
 Power Setting: default  
 Mode : BLE TX 2470  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2470.528	58.69	66.77	-8.08	114.00	-55.31	100	287	Peak	
2	2470.528	55.25	63.33	-8.08	94.00	-38.75	100	287	Average	

# Spurious Emissions, TX Mode, 1-18G



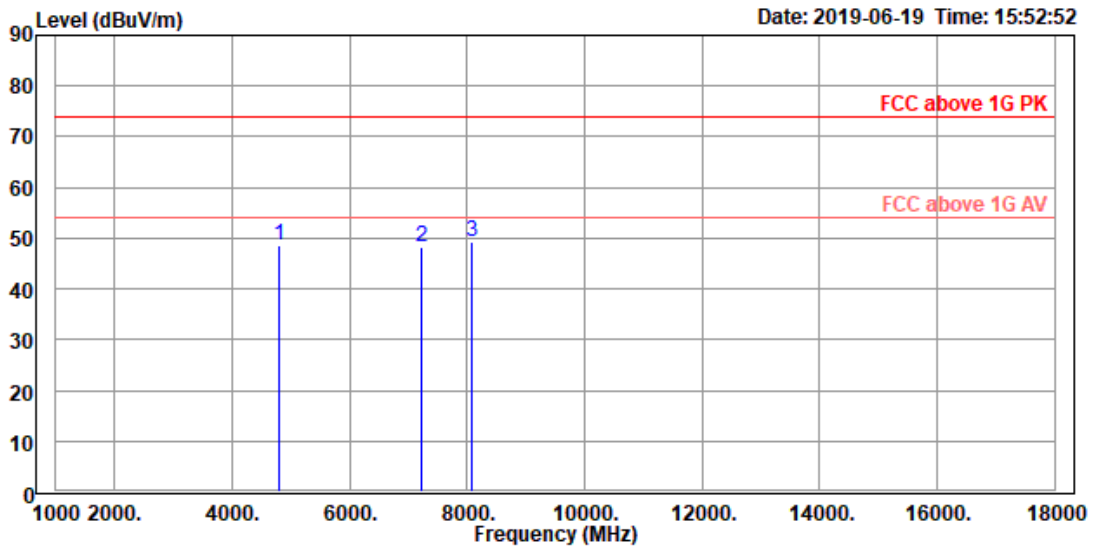
TUV Rheinland Taiwan Ltd.  
 11F., No. 758, Sec. 4 Bade Road, Songshan Dist, Taipei City 105  
 Tel:+886-2172-7000 Fax:+886-2528-0018



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2405  
 Memo : Z(平躺)

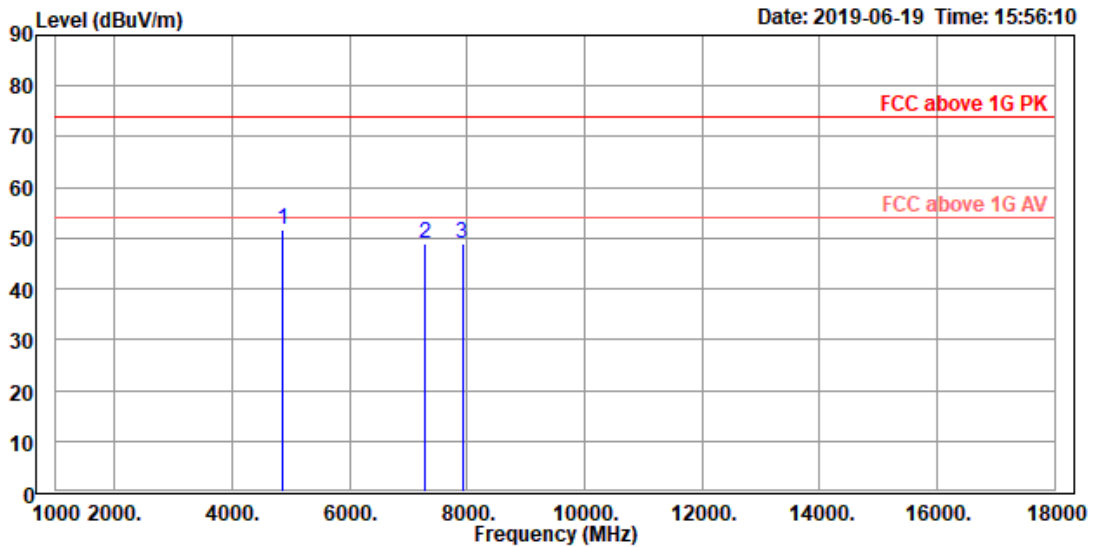
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4810.000	50.77	53.20	-2.43	74.00	-23.23	100	159	Peak	
2	7215.000	48.10	42.62	5.48	74.00	-25.90	100	208	Peak	
3	8055.000	48.73	42.60	6.13	74.00	-25.27	100	286	Peak	





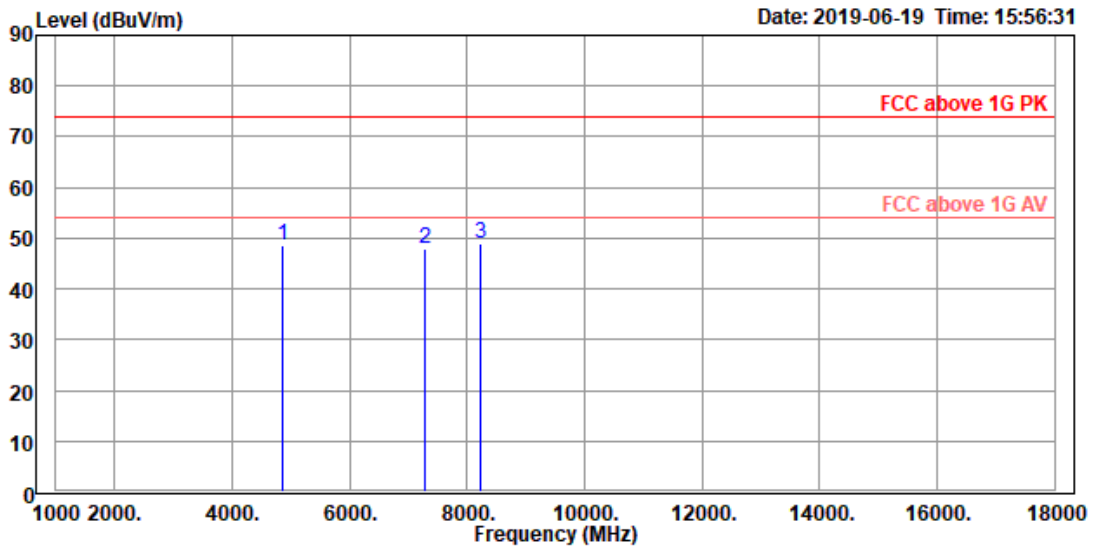
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2405  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4810.000	48.53	50.96	-2.43	74.00	-25.47	100	190	Peak	
2	7215.000	48.37	42.89	5.48	74.00	-25.63	100	34	Peak	
3	8089.000	49.18	43.07	6.11	74.00	-24.82	100	245	Peak	



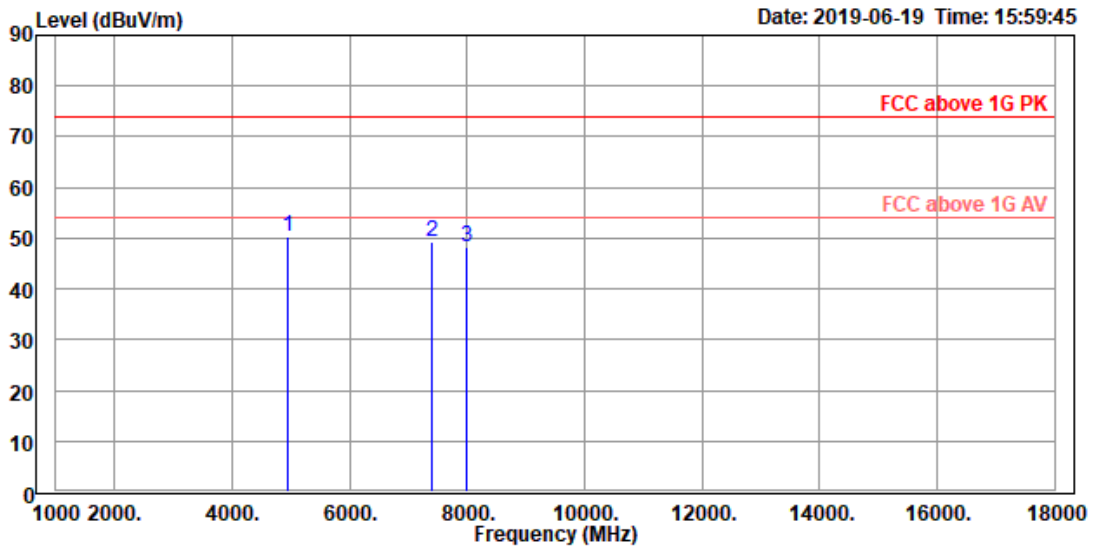
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4860.000	51.56	53.88	-2.32	74.00	-22.44	100	162	Peak	
2	7290.000	48.86	43.25	5.61	74.00	-25.14	100	152	Peak	
3	7919.000	48.81	42.70	6.11	74.00	-25.19	0	0	Peak	



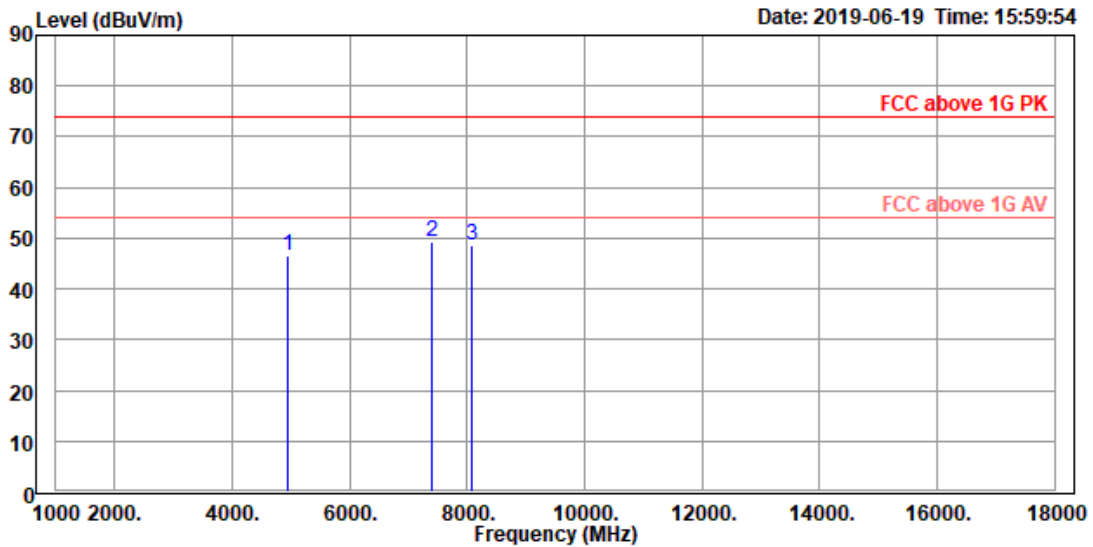
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4860.000	48.64	50.96	-2.32	74.00	-25.36	100	39	Peak	
2	7290.000	47.88	42.27	5.61	74.00	-26.12	100	203	Peak	
3	8242.000	48.93	42.59	6.34	74.00	-25.07	100	321	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2470  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4940.000	50.14	52.21	-2.07	74.00	-23.86	100	7	Peak	
2	7410.000	49.25	43.29	5.96	74.00	-24.75	100	43	Peak	
3	7987.000	48.10	42.04	6.06	74.00	-25.90	100	159	Peak	



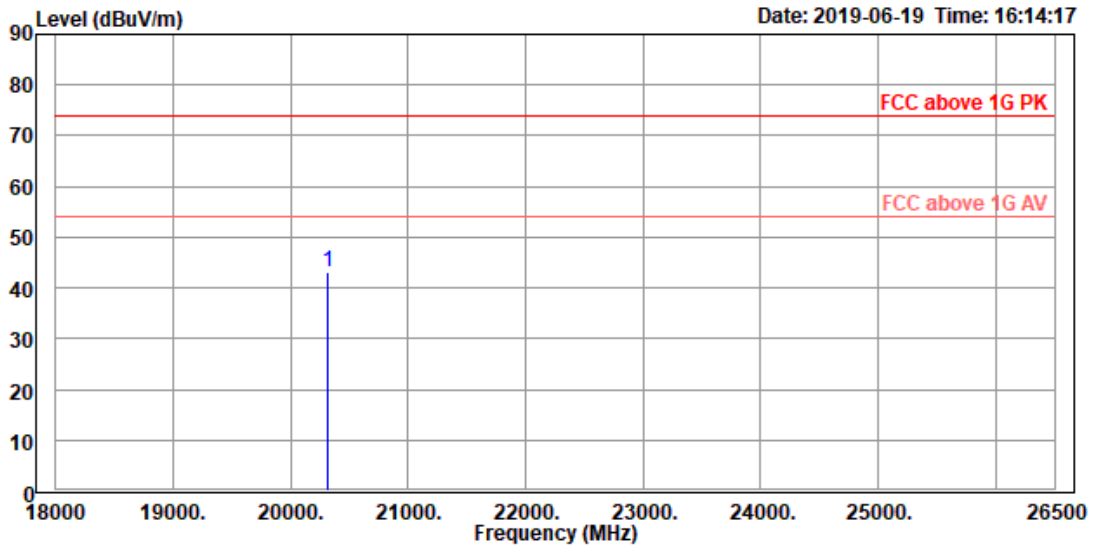
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2470  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4940.000	46.58	48.65	-2.07	74.00	-27.42	100	67	Peak	
2	7410.000	49.21	43.25	5.96	74.00	-24.79	100	25	Peak	
3	8089.000	48.67	42.56	6.11	74.00	-25.33	100	161	Peak	

# Spurious Emissions, TX Mode, 18-26G

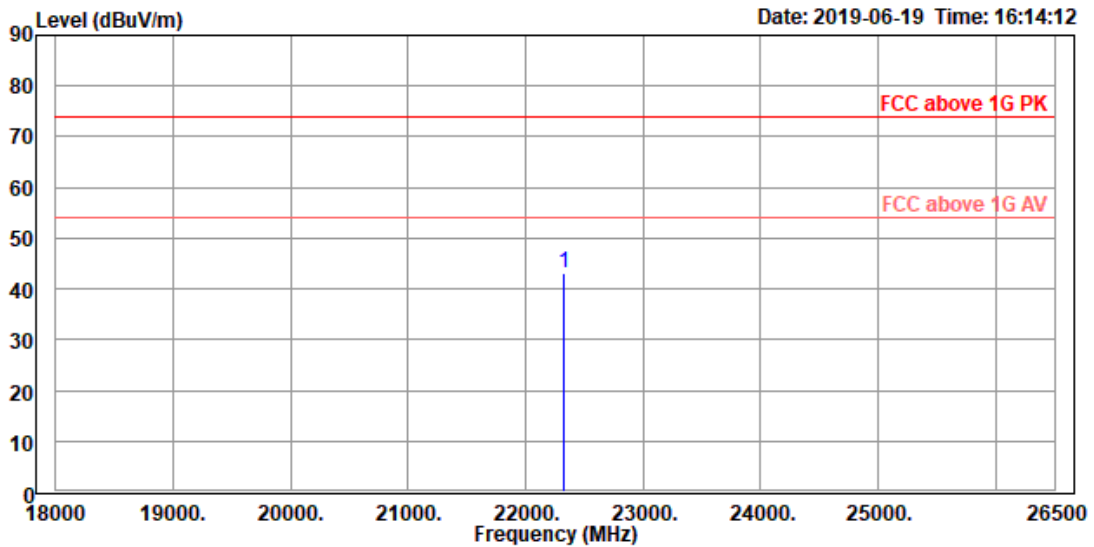


TUV Rheinland Taiwan Ltd.  
 11F., No. 758, Sec. 4 Bade Road, Songshan Dist, Taipei City 105  
 Tel:+886-2172-7000 Fax:+886-2528-0018



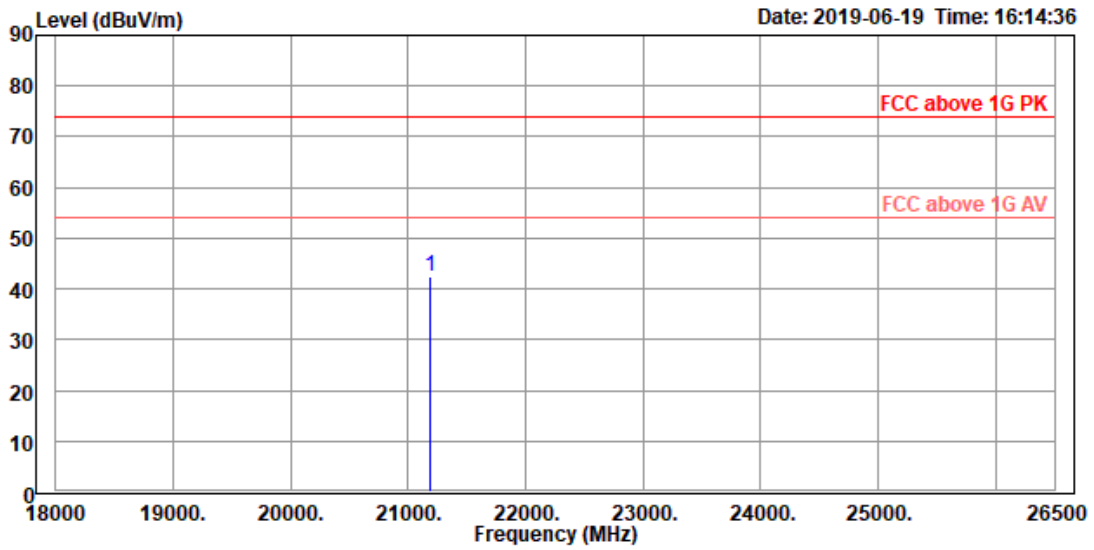
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2405  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20312.000	43.15	44.05	-0.90	74.00	-30.85	100	55	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2405  
 Memo : Z(平躺)

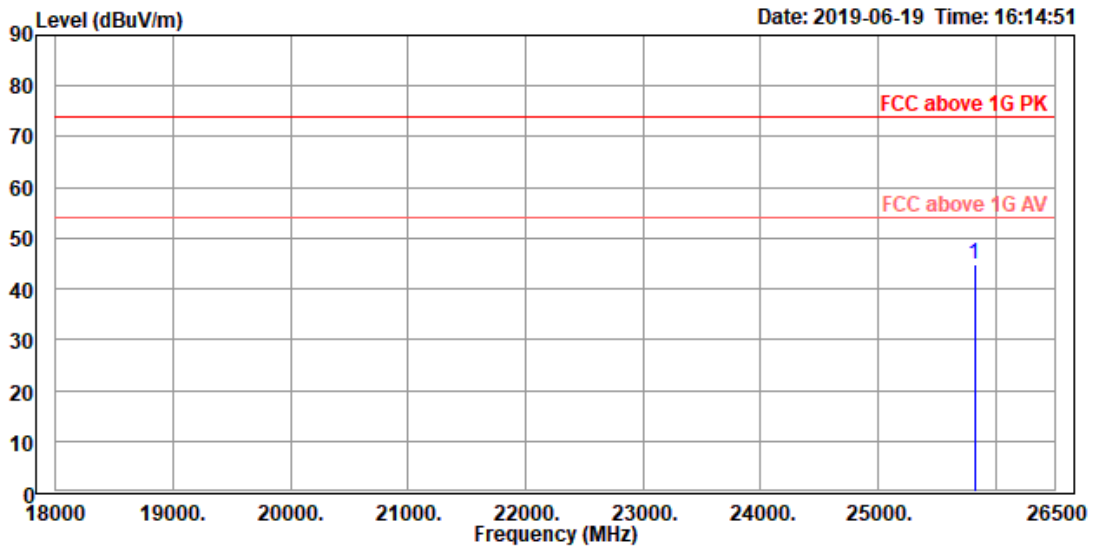
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22326.500	43.04	43.06	-0.02	74.00	-30.96	100	321	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2430  
 Memo : Z(平躺)

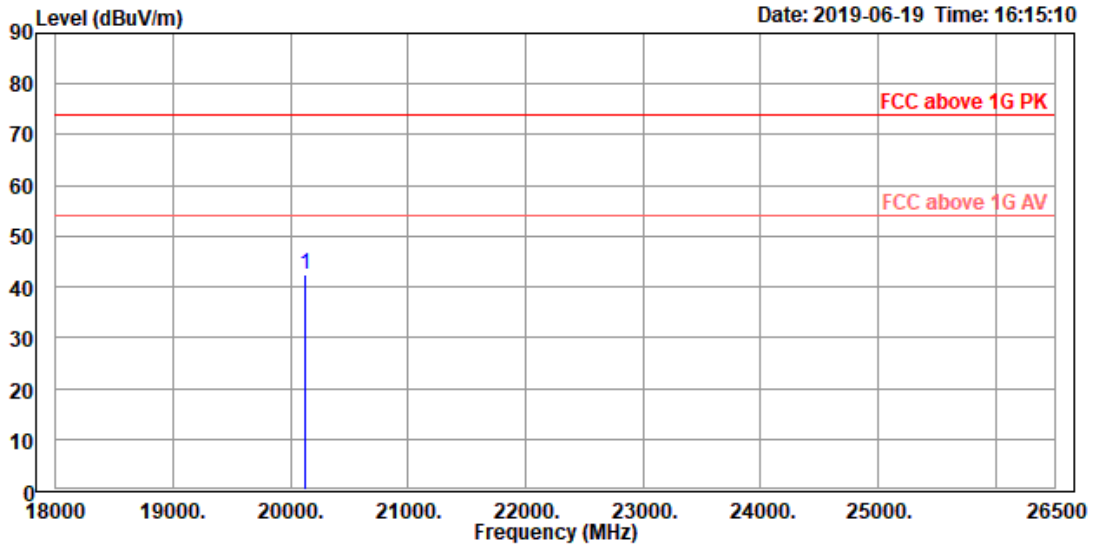
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21179.000	42.27	42.72	-0.45	74.00	-31.73	100	102	Peak	





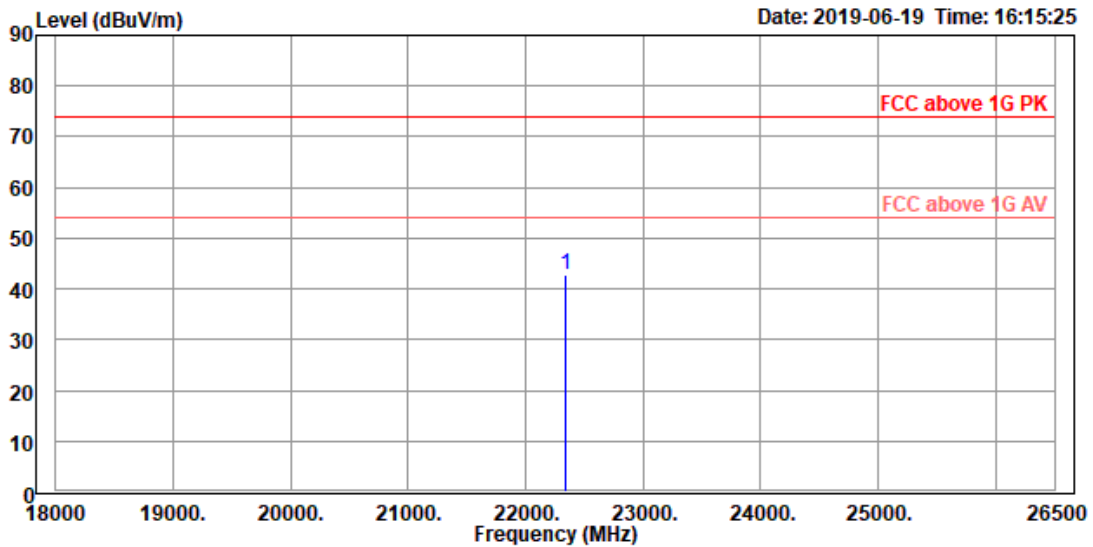
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	25820.000	44.94	42.72	2.22	74.00	-29.06	100	18	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2470  
 Memo : Z(平躺)

	Read	Limit	Over	APos	TPos	Remark	Note
Freq	Level	Level	Factor	Line	Limit		
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg
1 20125.000	42.38	43.71	-1.33	74.00	-31.62	100	228 Peak



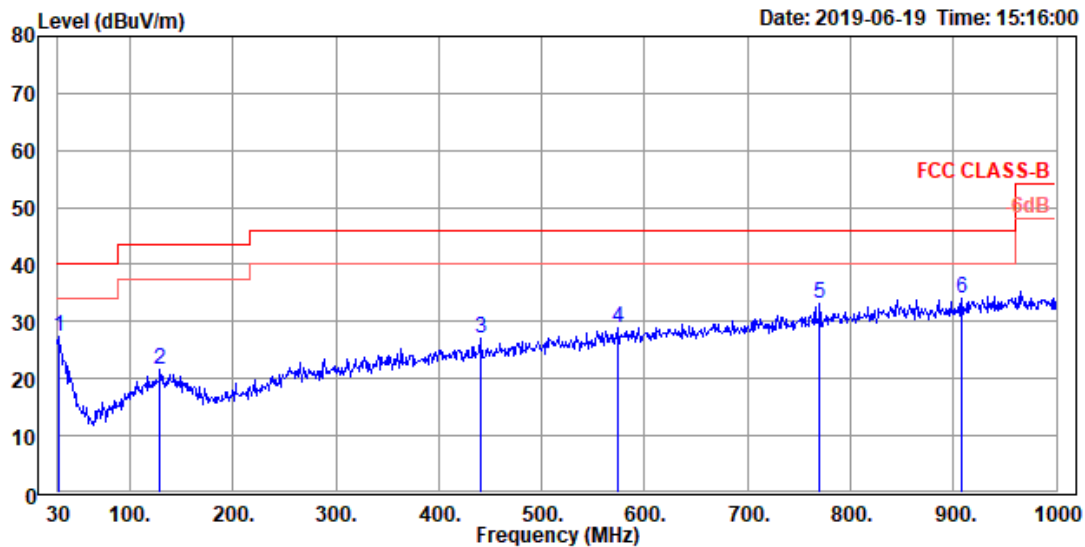
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2470  
 Memo : Z(平躺)

	Read	Limit	Over	APos	TPos	Remark	Note
Freq	Level	Level	Factor	Line	Limit		
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg
1 22343.500	42.66	42.70	-0.04	74.00	-31.34	100	128 Peak

# Spurious Emissions, TX Mode, 30M-1G

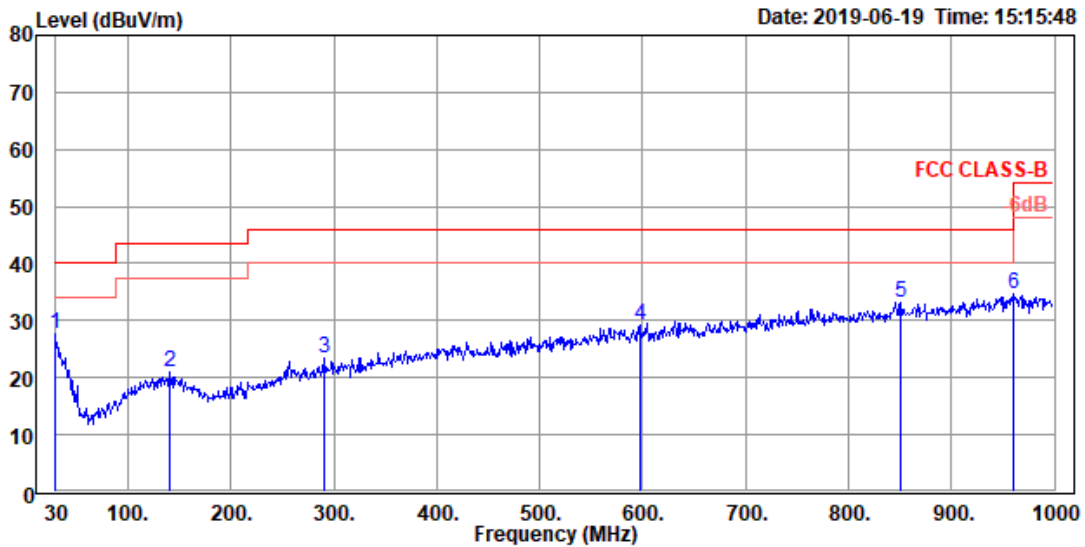


TUV Rheinland Taiwan Ltd.  
 11F., No. 758, Sec. 4 Bade Road, Songshan Dist, Taipei City 105  
 Tel:+886-2172-7000 Fax:+886-2528-0018



Site : 966A Chamber A  
 Condition : FCC CLASS-B 3m horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.970	27.33	27.85	-0.52	40.00	-12.67	100	83	QP	
2	128.940	21.47	28.55	-7.08	43.50	-22.03	100	317	QP	
3	440.310	27.09	29.19	-2.10	46.00	-18.91	100	44	QP	
4	574.170	28.84	28.70	0.14	46.00	-17.16	100	14	QP	
5	770.110	33.08	30.33	2.75	46.00	-12.92	100	301	QP	
6	908.820	33.98	29.53	4.45	46.00	-12.02	100	0	QP	



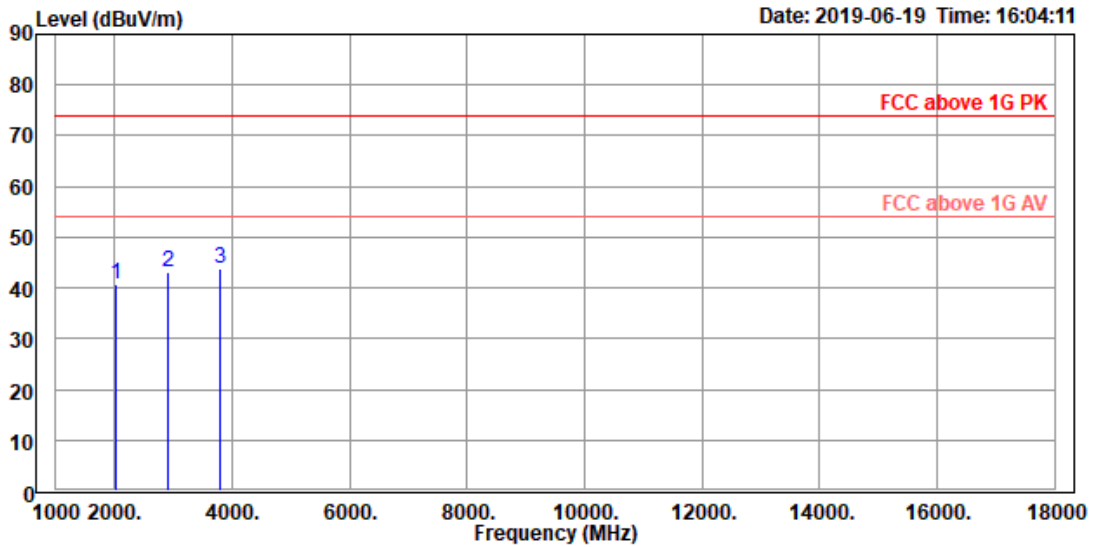
Site : 966A Chamber A  
 Condition : FCC CLASS-B 3m vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE TX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.000	27.74	27.77	-0.03	40.00	-12.26	100	29	QP	
2	140.580	20.97	27.97	-7.00	43.50	-22.53	100	248	QP	
3	289.960	23.52	28.32	-4.80	46.00	-22.48	100	143	QP	
4	597.450	29.20	28.98	0.22	46.00	-16.80	100	189	QP	
5	850.620	33.14	29.26	3.88	46.00	-12.86	100	172	QP	
6	960.230	34.65	28.71	5.94	54.00	-19.35	100	244	QP	

# Spurious Emissions, RX Mode, 1-18G

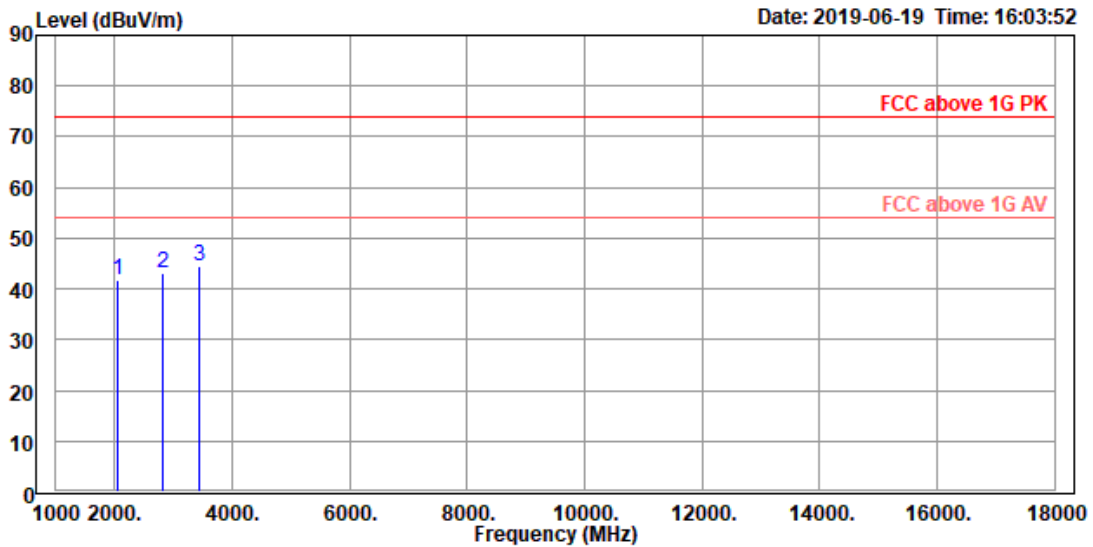


TUV Rheinland Taiwan Ltd.  
 11F., No. 758, Sec. 4 Bade Road, Songshan Dist, Taipei City 105  
 Tel:+886-2172-7000 Fax:+886-2528-0018



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE RX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2020.000	40.84	49.69	-8.85	74.00	-33.16	100	63	Peak	
2	2904.000	43.15	50.91	-7.76	74.00	-30.85	100	22	Peak	
3	3788.000	43.90	49.80	-5.90	74.00	-30.10	100	1	Peak	



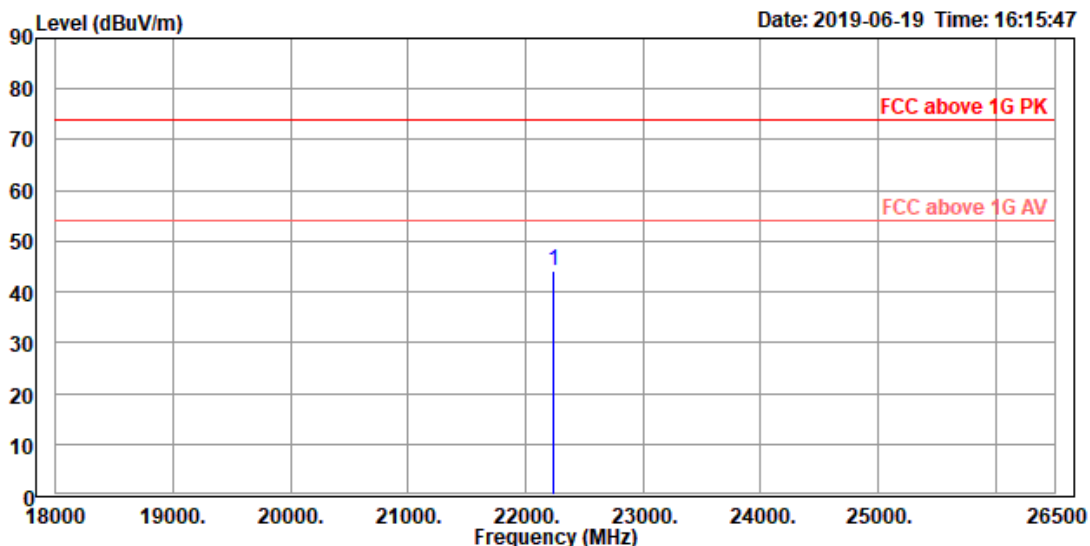
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE RX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2037.000	41.92	50.88	-8.96	74.00	-32.08	100	269	Peak	
2	2819.000	43.13	51.07	-7.94	74.00	-30.87	100	45	Peak	
3	3431.000	44.49	51.16	-6.67	74.00	-29.51	100	121	Peak	

# Spurious Emissions, RX Mode, 18-26G



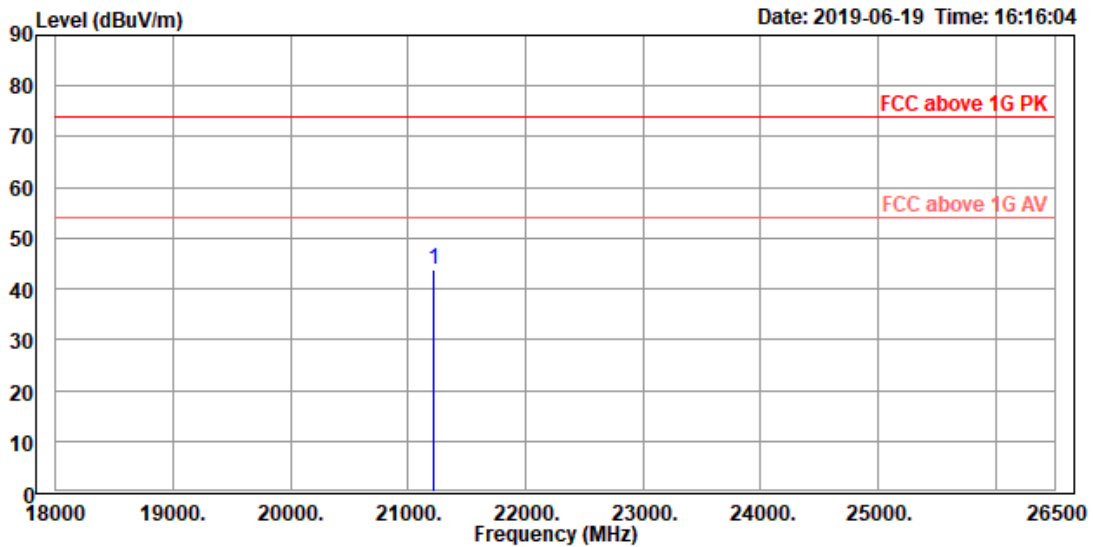
TUV Rheinland Taiwan Ltd.  
 11F., No. 758, Sec. 4 Bade Road, Songshan Dist, Taipei City 105  
 Tel:+886-2172-7000 Fax:+886-2528-0018



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE RX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22241.500	44.03	43.99	0.04	74.00	-29.97	100	10	Peak	





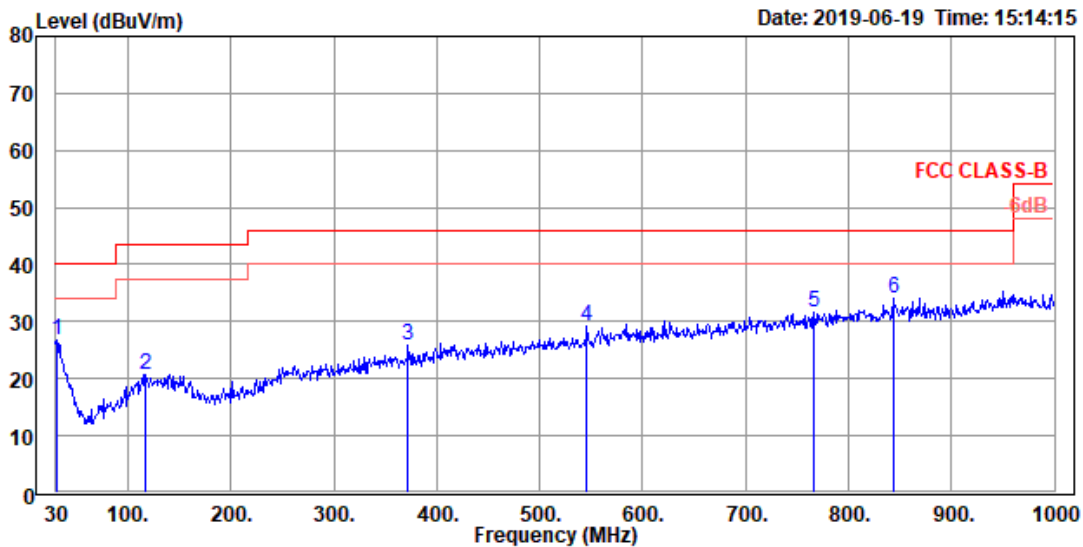
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE RX 2430  
 Memo : Z(平躺)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21213.000	43.76	44.13	-0.37	74.00	-30.24	100	189	Peak	

# Spurious Emissions, RX Mode, 30M-1G

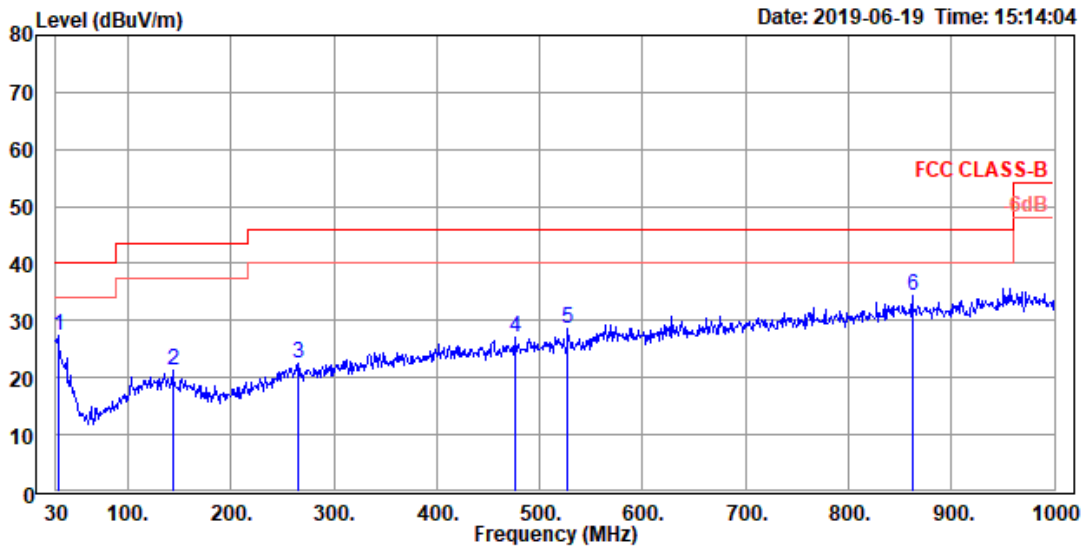


TUV Rheinland Taiwan Ltd.  
 11F., No. 758, Sec. 4 Bade Road, Songshan Dist, Taipei City 105  
 Tel:+886-2172-7000 Fax:+886-2528-0018



Site : 966A Chamber A  
 Condition : FCC CLASS-B 3m horizontal  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Temp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE RX 2430  
 Memo : Z(平躺)

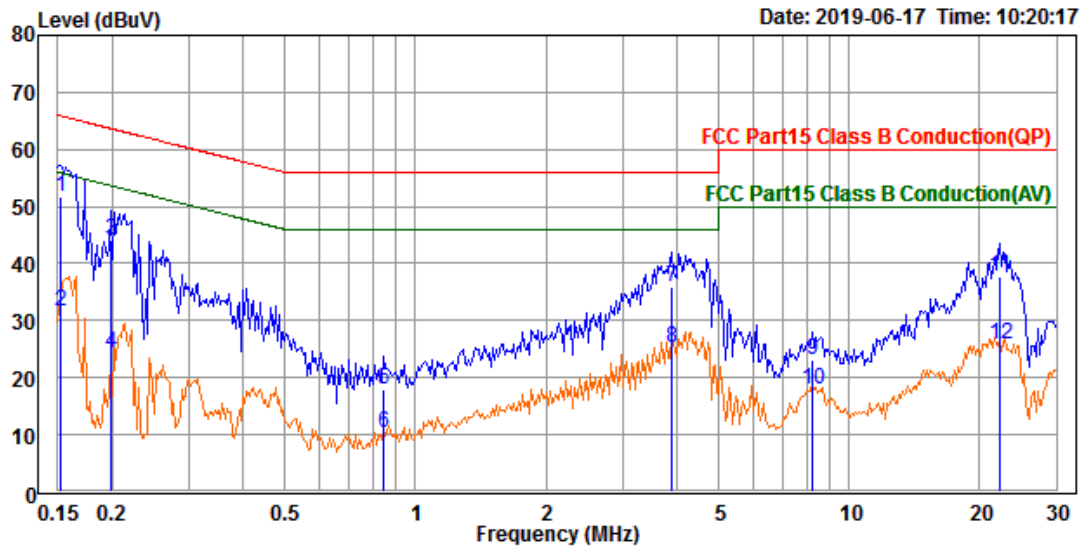
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.970	26.74	27.26	-0.52	40.00	-13.26	100	294	QP	
2	116.330	20.75	28.41	-7.66	43.50	-22.75	100	278	QP	
3	372.410	25.97	29.01	-3.04	46.00	-20.03	100	239	QP	
4	546.040	29.22	30.03	-0.81	46.00	-16.78	100	96	QP	
5	766.230	31.54	28.81	2.73	46.00	-14.46	100	44	QP	
6	843.830	34.10	30.27	3.83	46.00	-11.90	100	359	QP	



Site : 966A Chamber A  
 Condition : FCC CLASS-B 3m vertical  
 Test Engineer: Curry Chen  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : DC 1.5V  
 Tmp/Hum : 19°C / 65%  
 Power Setting: default  
 Mode : BLE RX 2430  
 Memo : Z(平躺)

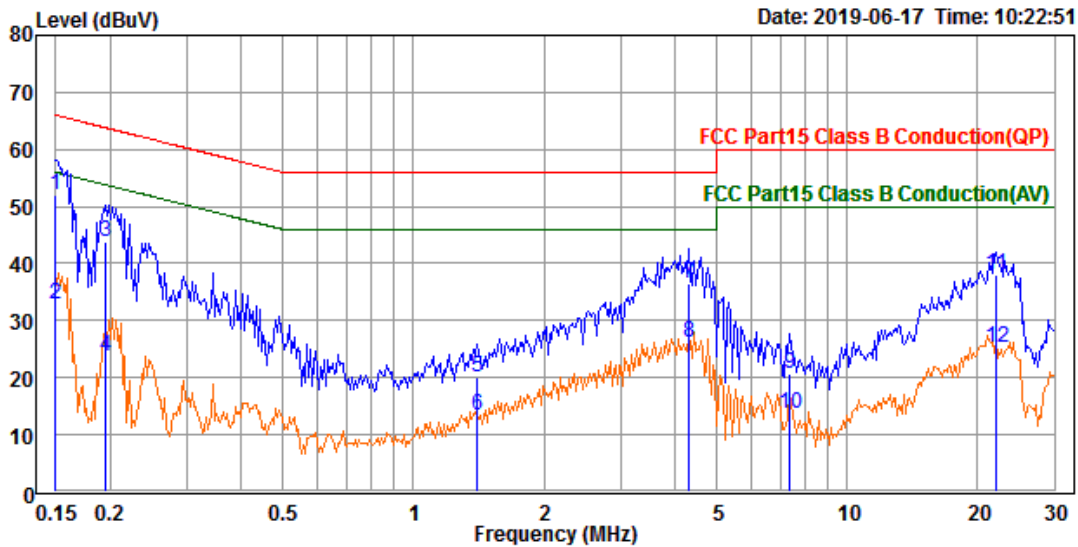
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	31.940	27.46	28.54	-1.08	40.00	-12.54	100	225	QP	
2	143.490	21.22	28.24	-7.02	43.50	-22.28	100	159	QP	
3	265.710	22.47	27.61	-5.14	46.00	-23.53	100	349	QP	
4	476.200	27.08	28.66	-1.58	46.00	-18.92	100	356	QP	
5	527.610	28.46	29.39	-0.93	46.00	-17.54	100	283	QP	
6	862.260	34.43	30.28	4.15	46.00	-11.57	100	303	QP	

# Mains Spurious Emissions



Trace: 1  
 Site : Conduction room  
 Condition : FCC Part15 Class B Conduction(QP) line1  
 Test Engineer: Amy Hsu  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : 120Vac/ 60Hz  
 Tmp/Hum : 27.4°C /24%  
 Power Setting: default  
 Mode : 2.4G TX 2405

	Read Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.151	41.90	9.69	51.59	65.92	-14.33	QP
2	0.151	22.01	9.69	31.70	55.92	-24.22	Average
3	0.198	34.53	9.69	44.22	63.69	-19.47	QP
4	0.198	14.69	9.69	24.38	53.69	-29.31	Average
5	0.846	8.26	9.69	17.95	56.00	-38.05	QP
6	0.846	0.75	9.69	10.44	46.00	-35.56	Average
7	3.909	26.23	9.72	35.95	56.00	-20.05	QP
8	3.909	15.54	9.72	25.26	46.00	-20.74	Average
9	8.239	13.46	9.74	23.20	60.00	-36.80	QP
10	8.239	8.20	9.74	17.94	50.00	-32.06	Average
11	22.264	28.00	9.80	37.80	60.00	-22.20	QP
12	22.264	15.92	9.80	25.72	50.00	-24.28	Average



Trace: 1  
 Site : Conduction room  
 Condition : FCC Part15 Class B Conduction(QP) neutral  
 Test Engineer: Amy Hsu  
 Product : 2.4GHz mouse  
 Model No. : NS-PWM3  
 Test Rating : 120Vac/ 60Hz  
 Tmp/Hum : 27.4°C /24%  
 Power Setting: default  
 Mode : 2.4G TX 2405

	Read Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.150	42.25	9.68	51.93	66.00	-14.07	QP
2	0.150	23.32	9.68	33.00	56.00	-23.00	Average
3	0.194	34.16	9.68	43.84	63.85	-20.01	QP
4	0.194	14.05	9.68	23.73	53.85	-30.12	Average
5	1.404	10.42	9.68	20.10	56.00	-35.90	QP
6	1.404	3.61	9.68	13.29	46.00	-32.71	Average
7	4.318	26.80	9.71	36.51	56.00	-19.49	QP
8	4.318	16.31	9.71	26.02	46.00	-19.98	Average
9	7.386	11.03	9.72	20.75	60.00	-39.25	QP
10	7.386	4.05	9.72	13.77	50.00	-36.23	Average
11	22.044	28.32	9.81	38.13	60.00	-21.87	QP
12	22.044	15.34	9.81	25.15	50.00	-24.85	Average