

Test Report No.50078183 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50078183AppendixD)

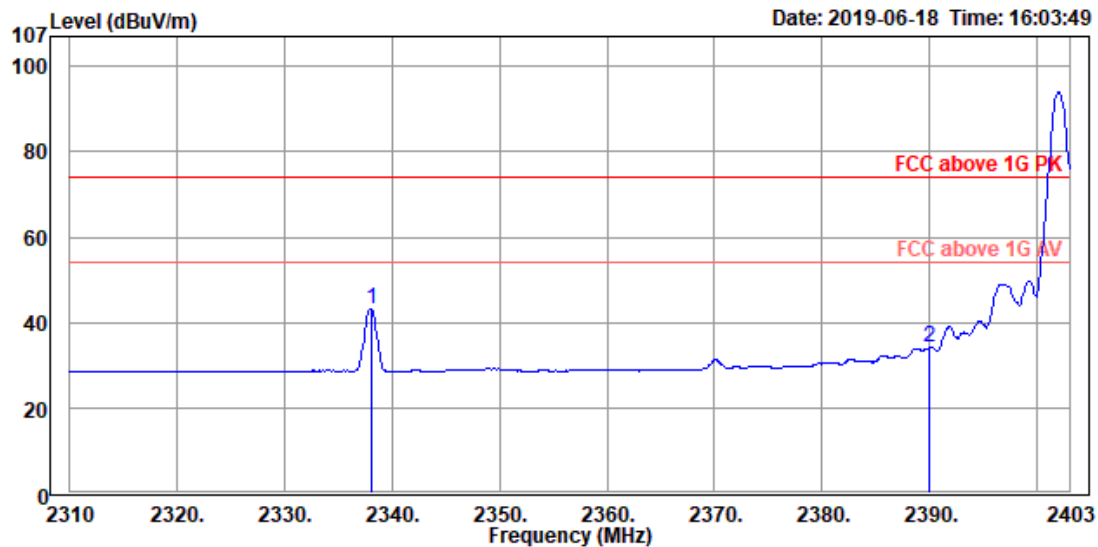
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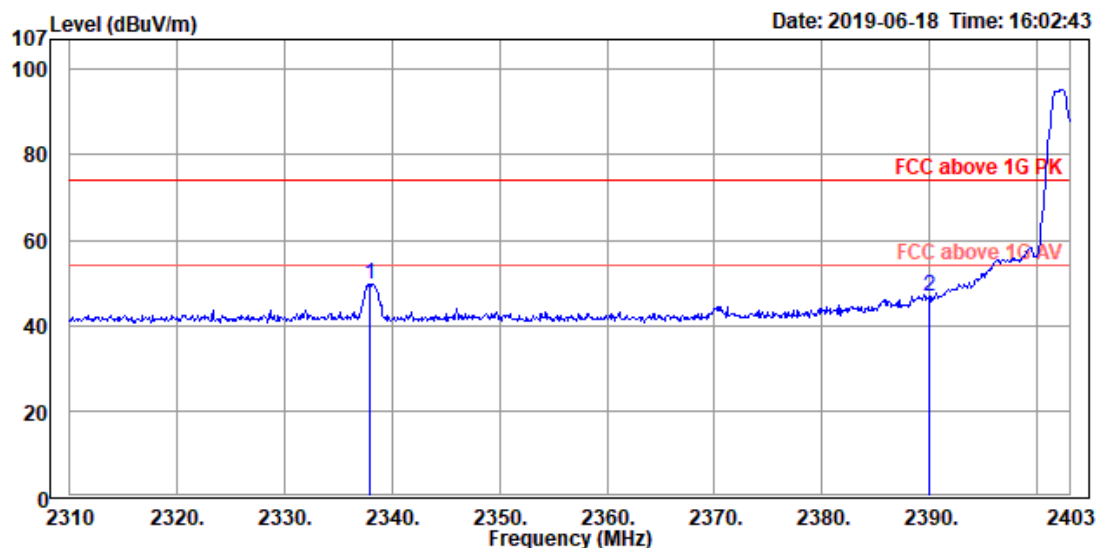


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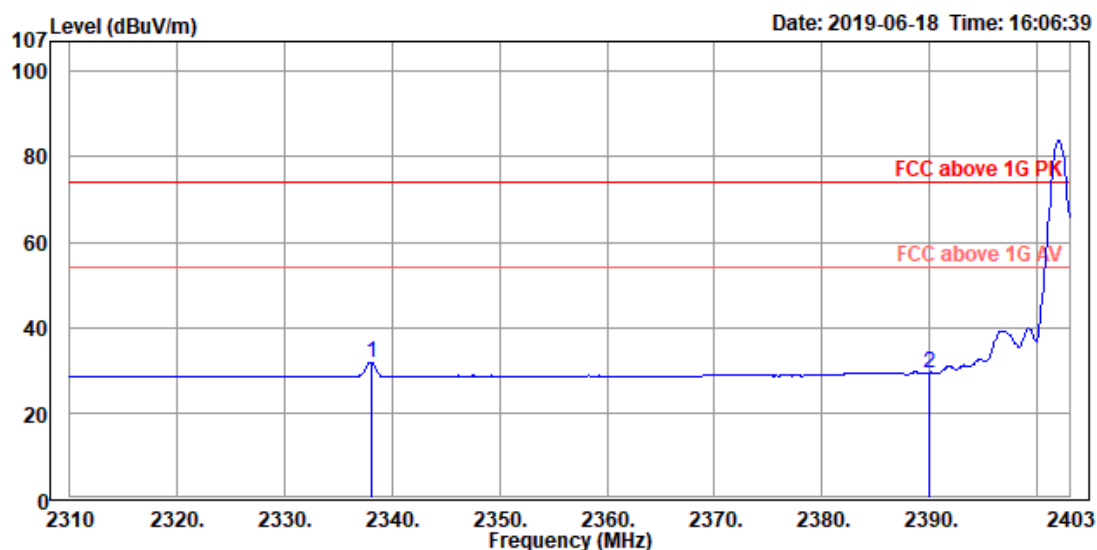
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019,NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2402
Memo : Z(平躺)

	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	2337.993	43.23	51.67	-8.44	54.00	-10.77	122	98	Average	
2	2390.000	34.18	42.44	-8.26	54.00	-19.82	122	98	Average	



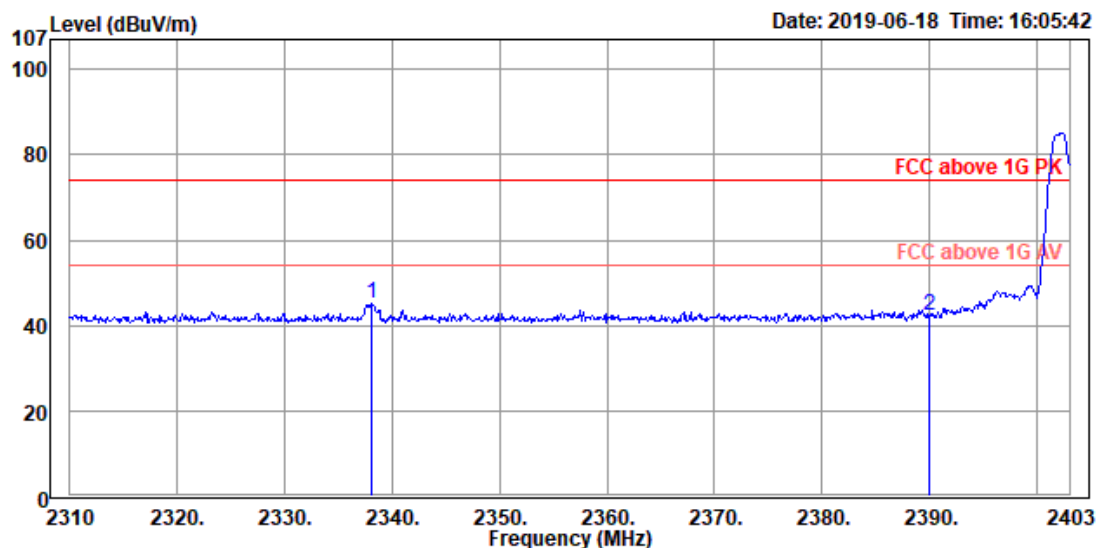
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2402
Memo : Z(平躺)

	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	2337.900	49.71	58.14	-8.43	74.00	-24.29	122	98	Peak	
2	2390.000	46.78	55.04	-8.26	74.00	-27.22	122	98	Peak	



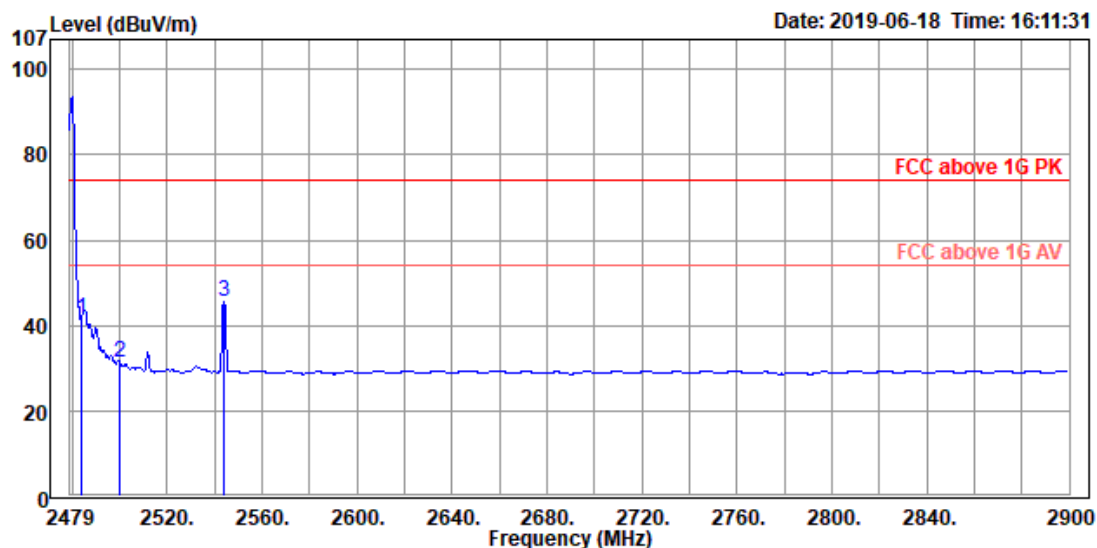
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2402
Memo : Z(平躺)

	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	2337.993	31.91	40.35	-8.44	54.00	-22.09	100	351	Average	
2	2390.000	29.45	37.71	-8.26	54.00	-24.55	100	351	Average	



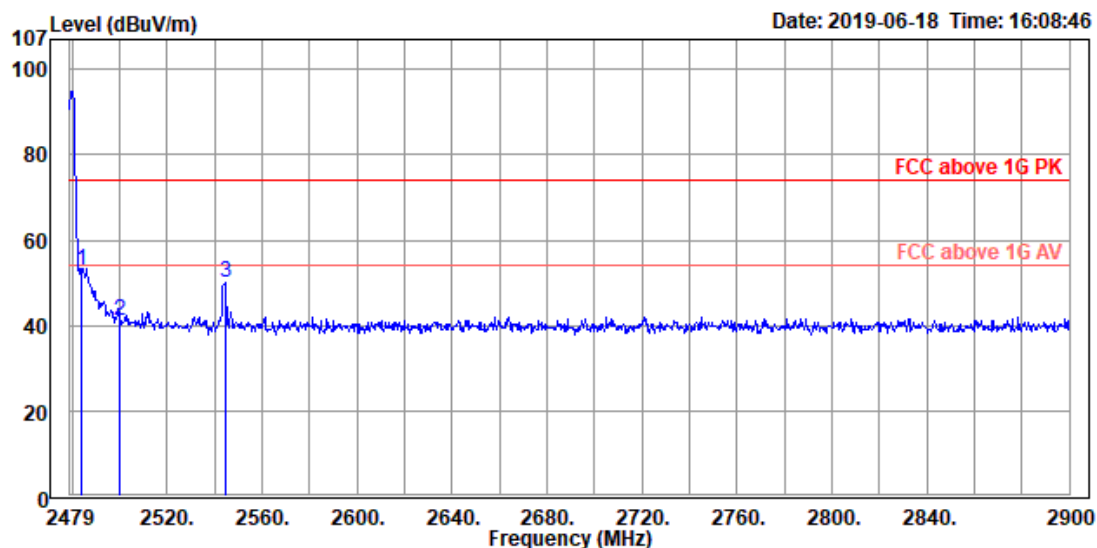
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2402
Memo : Z(平躺)

	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	2337.993	45.09	53.53	-8.44	74.00	-28.91	100	351	Peak	
2	2390.000	42.38	50.64	-8.26	74.00	-31.62	100	351	Peak	



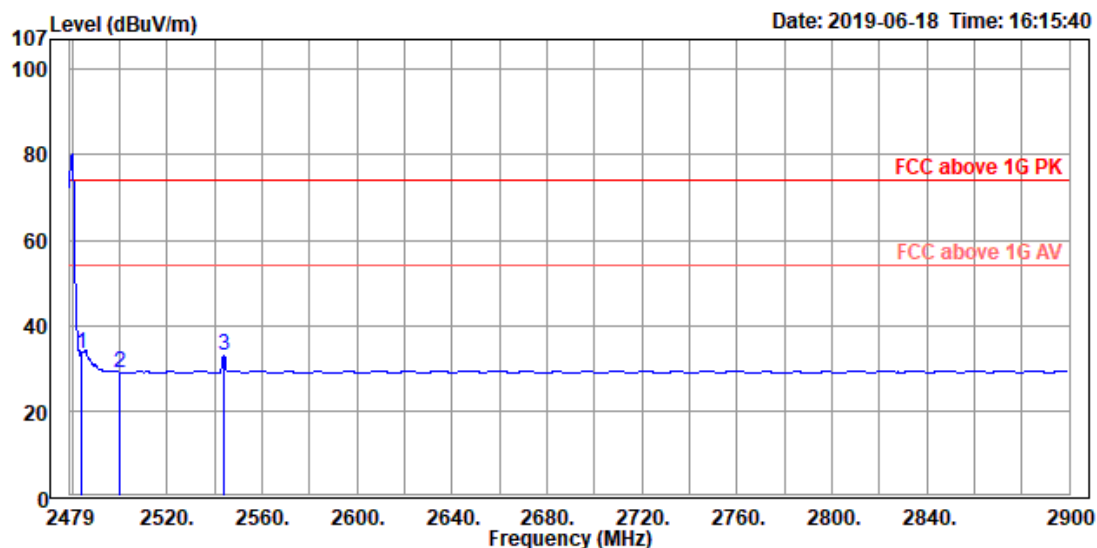
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2480
Memo : Z(平躺)

	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	41.45	49.56	-8.11	54.00	-12.55	129	98	Average	
2	2500.000	31.29	39.44	-8.15	54.00	-22.71	129	98	Average	
3	2543.834	45.59	53.54	-7.95	54.00	-8.41	129	98	Average	



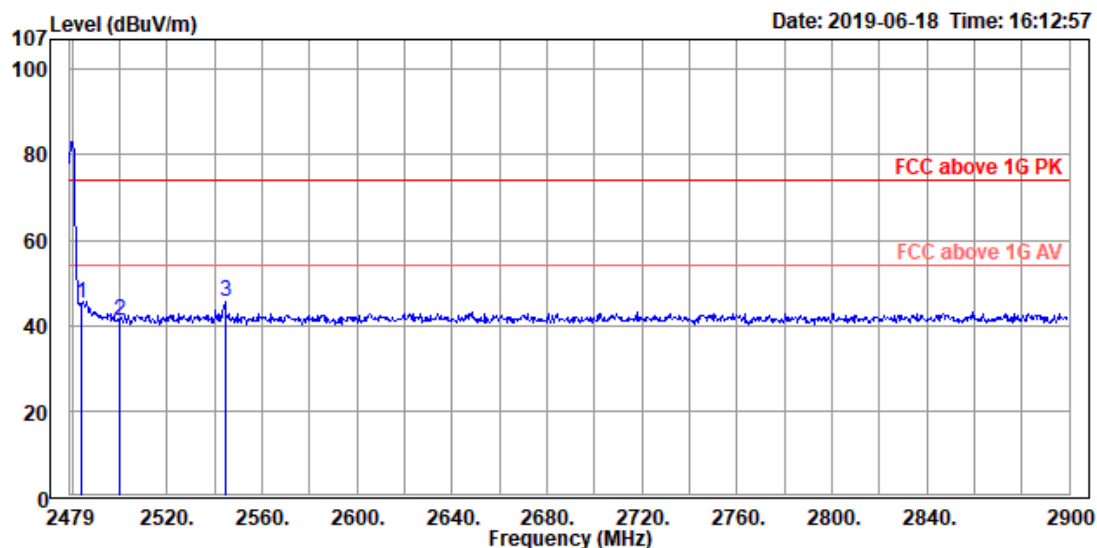
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2480
Memo : Z(平躺)

	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	52.75	60.86	-8.11	74.00	-21.25	129	98	Peak	
2	2500.000	41.05	49.20	-8.15	74.00	-32.95	129	98	Peak	
3	2544.255	50.12	58.07	-7.95	74.00	-23.88	129	98	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2480
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	33.34	41.45	-8.11	54.00	-20.66	100	345	Average	
2	2500.000	28.99	37.14	-8.15	54.00	-25.01	100	345	Average	
3	2543.834	32.85	40.80	-7.95	54.00	-21.15	100	345	Average	



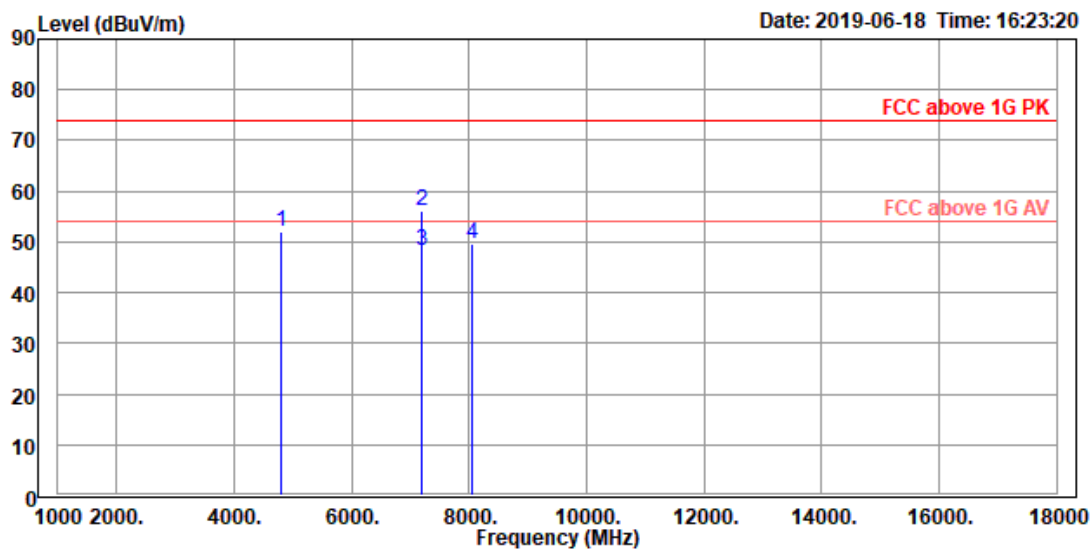
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2480
Memo : Z(平躺)

	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	45.29	53.40	-8.11	74.00	-28.71	100	345	Peak	
2	2500.000	41.10	49.25	-8.15	74.00	-32.90	100	345	Peak	
3	2544.255	45.69	53.64	-7.95	74.00	-28.31	100	345	Peak	

Spurious Emissions, TX Mode, 1-18G(BLE)

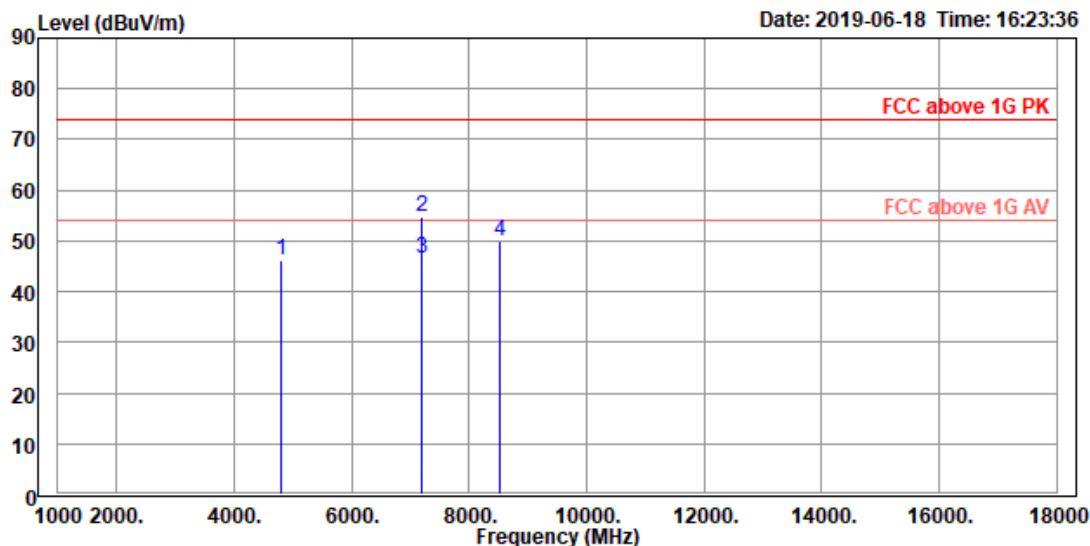


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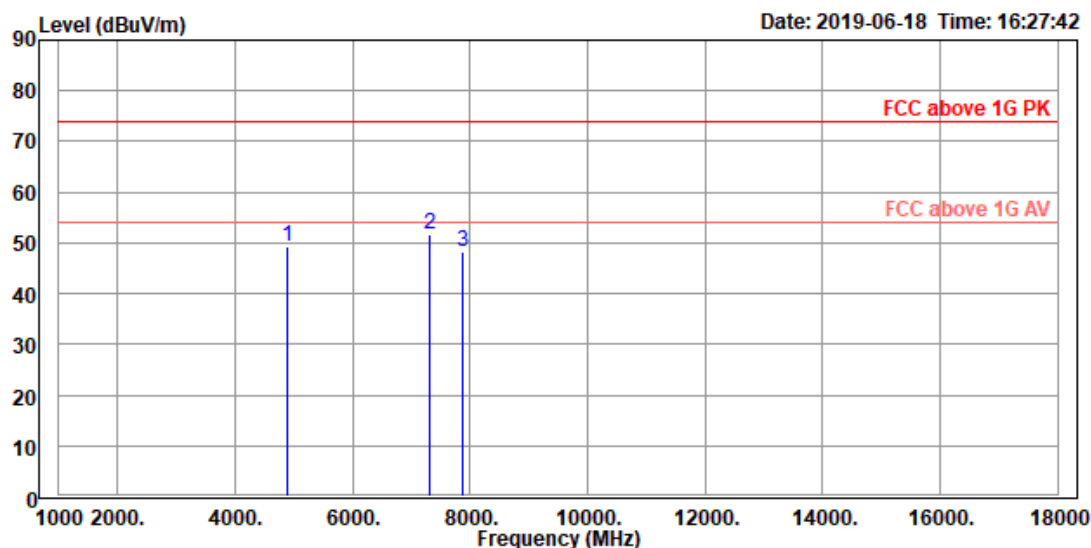
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2402
Memo : Z(平躺)

	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	4804.000	51.90	54.34	-2.44	74.00	-22.10	100	339	Peak	
2	7206.000	56.10	50.63	5.47	74.00	-17.90	130	136	Peak	
3	7206.000	48.31	42.84	5.47	54.00	-5.69	130	136	Average	
4	8038.000	49.65	43.54	6.11	74.00	-24.35	100	273	Peak	



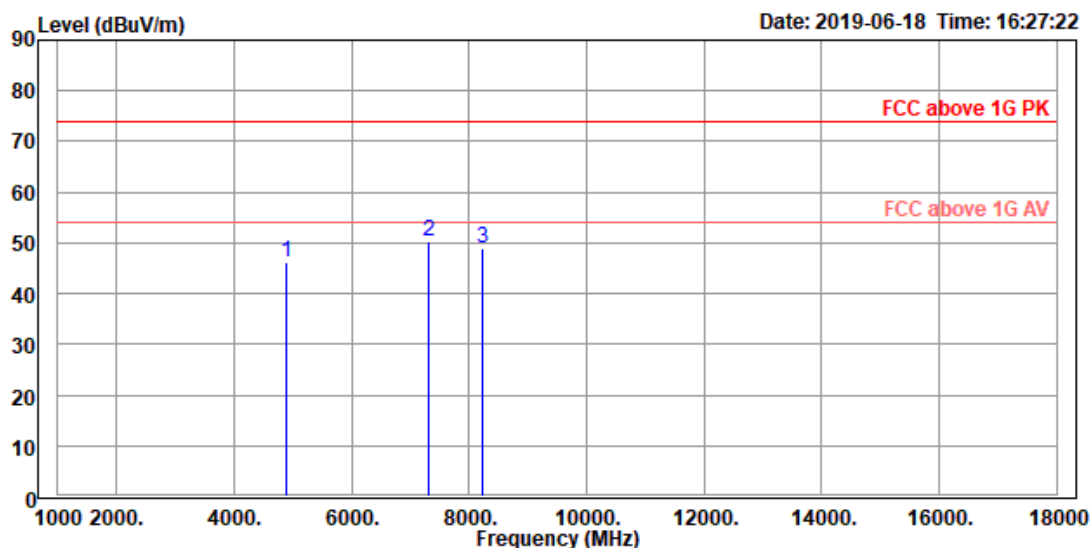
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2402
Memo : Z(平躺)

	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	4804.000	46.28	48.72	-2.44	74.00	-27.72	100	49	Peak	
2	7206.000	54.83	49.36	5.47	74.00	-19.17	100	218	Peak	
3	7206.000	46.59	41.12	5.47	54.00	-7.41	100	218	Average	
4	8531.000	49.91	43.22	6.69	74.00	-24.09	100	218	Peak	



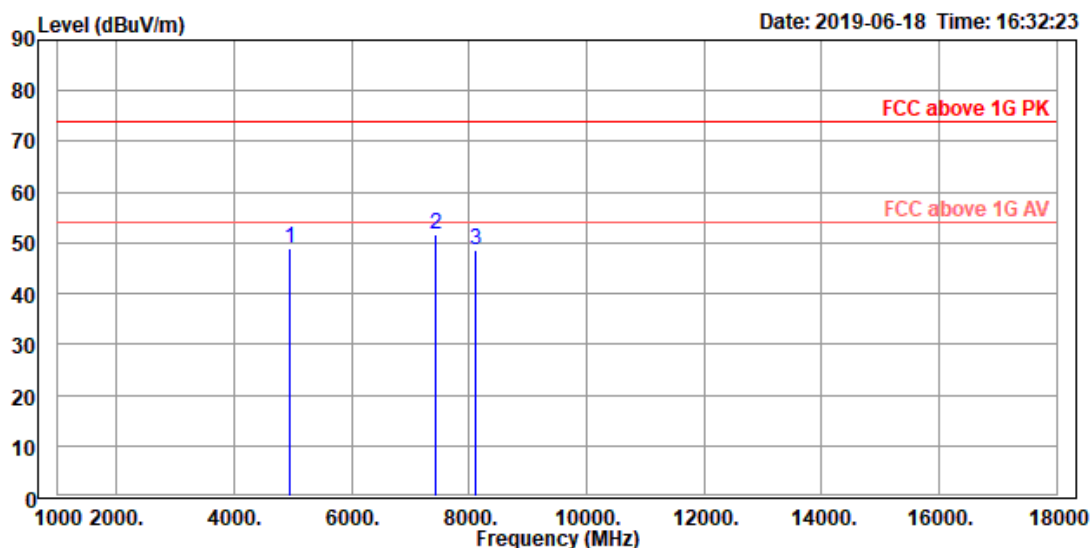
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2440
Memo : Z(平躺)

	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	4880.000	49.33	51.61	-2.28	74.00	-24.67	100	80	Peak	
2	7320.000	51.81	46.10	5.71	74.00	-22.19	100	143	Peak	
3	7868.000	48.18	42.09	6.09	74.00	-25.82	100	359	Peak	



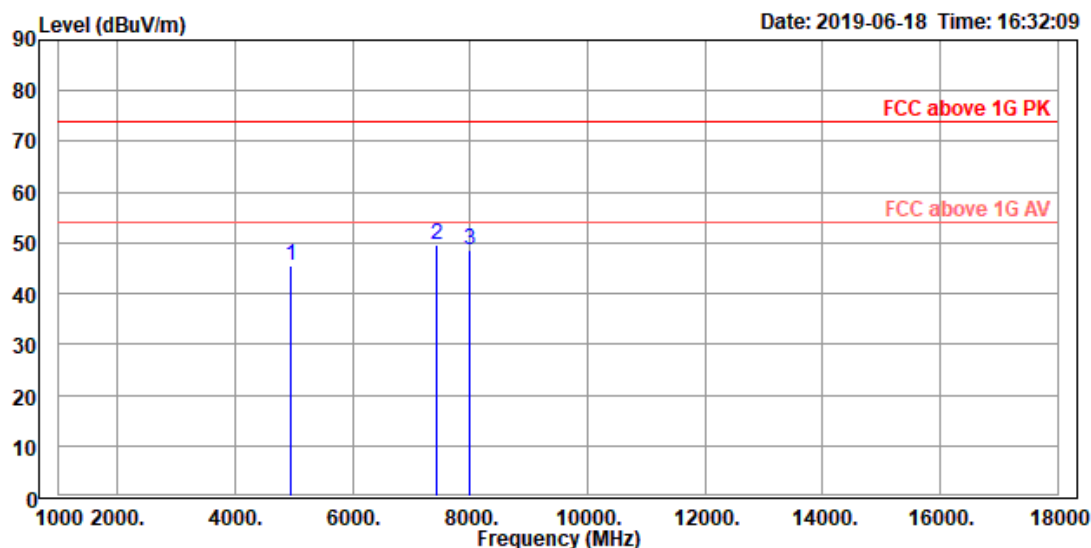
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2440
Memo : Z(平躺)

	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	4880.000	46.22	48.50	-2.28	74.00	-27.78	100	311	Peak	
2	7320.000	50.14	44.43	5.71	74.00	-23.86	100	175	Peak	
3	8225.000	49.10	42.79	6.31	74.00	-24.90	100	1	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2480
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	4960.000	48.95	50.94	-1.99	74.00	-25.05	100	130	Peak	
2	7440.000	51.59	45.55	6.04	74.00	-22.41	100	121	Peak	
3	8106.000	48.56	42.44	6.12	74.00	-25.44	100	104	Peak	



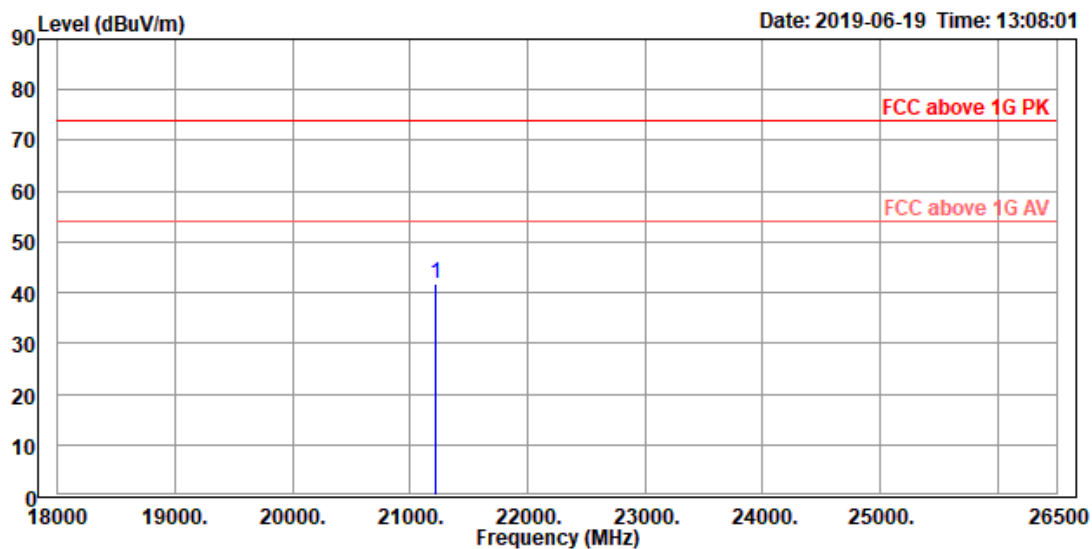
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2480
Memo : Z(平躺)

	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	4960.000	45.45	47.44	-1.99	74.00	-28.55	100	308	Peak	
2	7440.000	49.76	43.72	6.04	74.00	-24.24	100	87	Peak	
3	7987.000	48.69	42.63	6.06	74.00	-25.31	100	57	Peak	

Spurious Emissions, TX Mode, 18-26G(BLE)

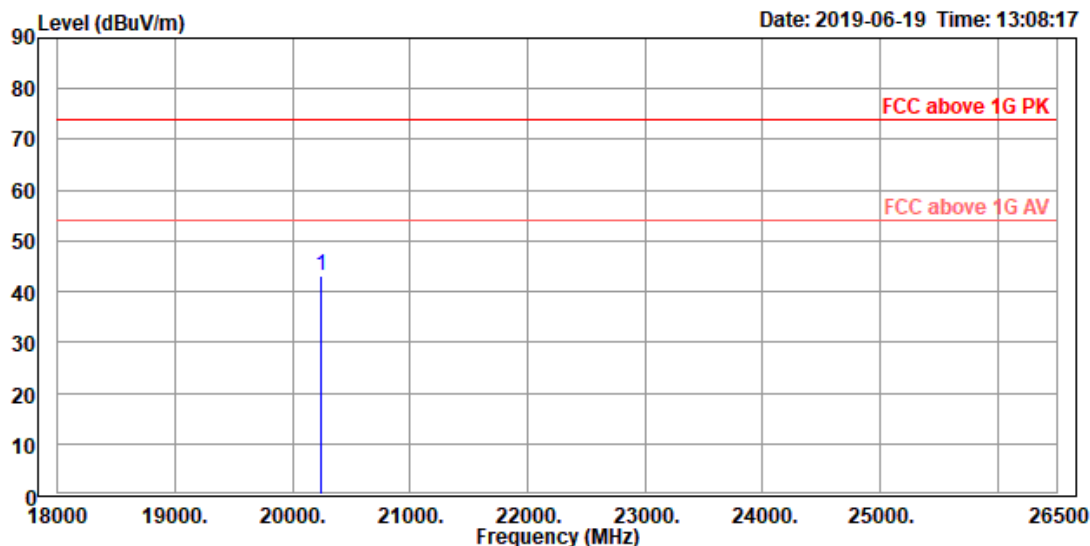


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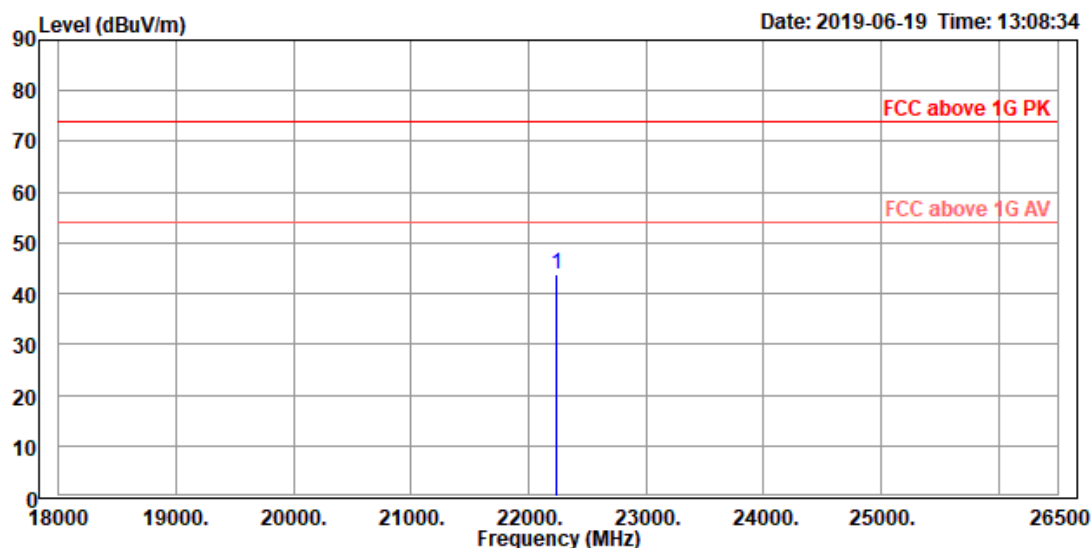
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019,NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2402
Memo : Z(平躺)

	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	41.81	42.18	-0.37	74.00	-32.19	100	66	Peak	



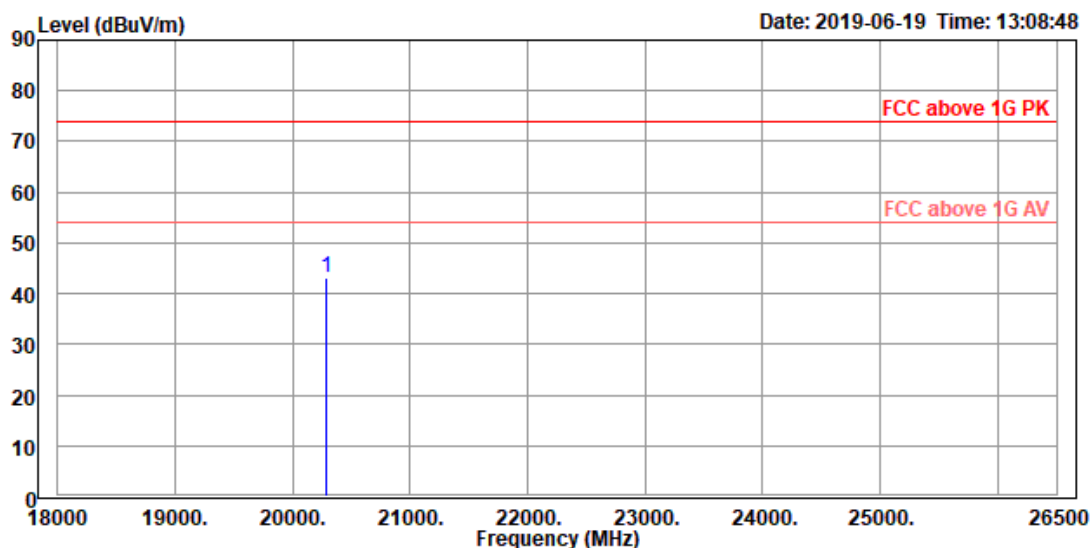
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2402
Memo : Z(平躺)

	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	20235.500	43.02	43.94	-0.92	74.00	-30.98	100	123	Peak	



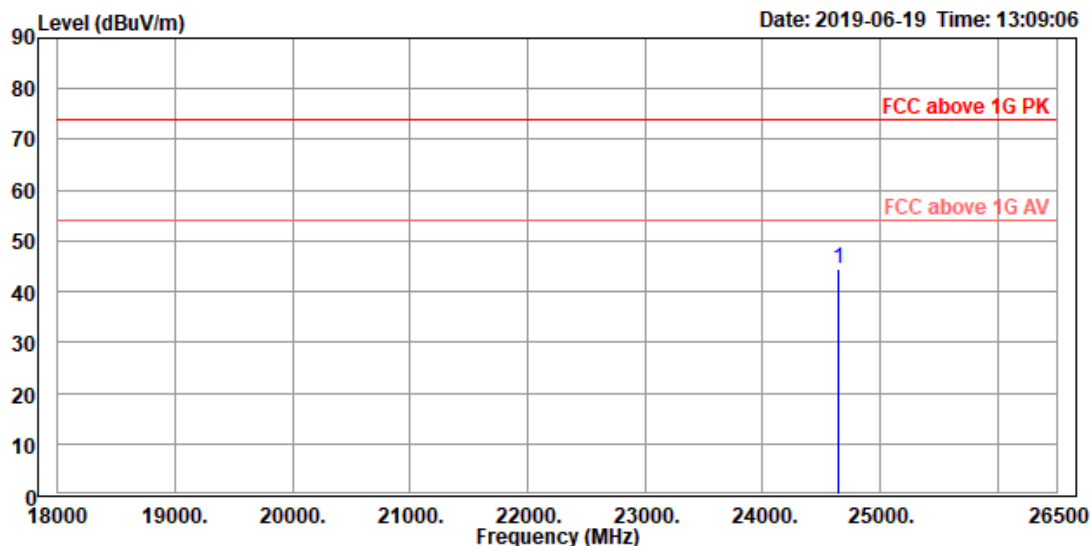
Site : 966A Chamber A
 Condition : FCC above 1G PK 3m Horizontal
 Test Engineer: Curry Chen
 Product : Dual Mode Wireless Mouse
 Model No. : NS-PMDM2019, NS-PMDM2019-C
 Test Rating : DC 1.5V
 Tmp/Hum : 20°C / 58%
 Power Setting: default
 Mode : BLE TX 2440
 Memo : Z(平躺)

	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	43.75	43.71	0.04	74.00	-30.25	100	298	Peak	



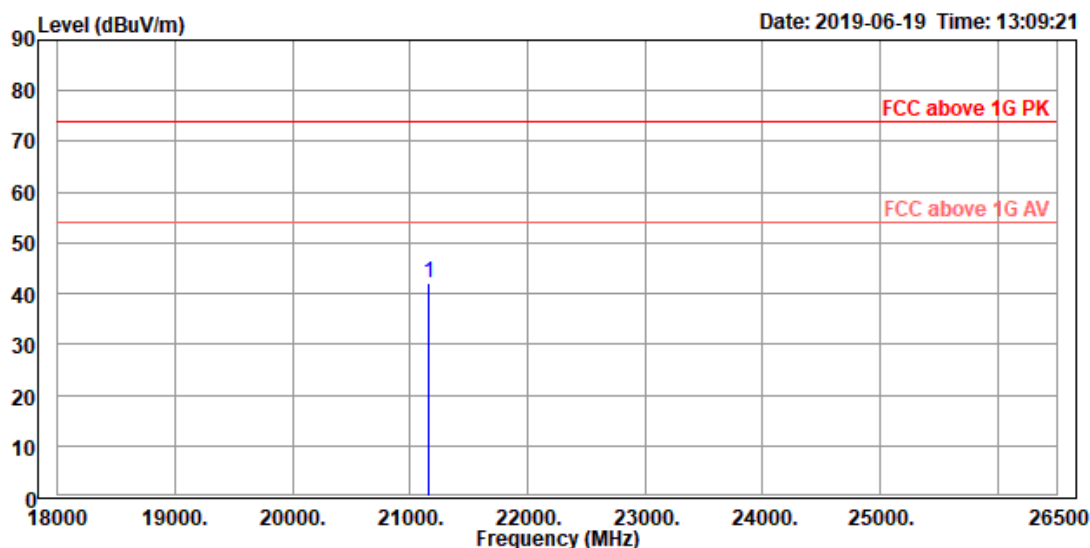
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2440
Memo : Z(平躺)

	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	20286.500	43.08	43.96	-0.88	74.00	-30.92	100	13	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2480
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	24647.000	44.39	43.01	1.38	74.00	-29.61	100	218	Peak	



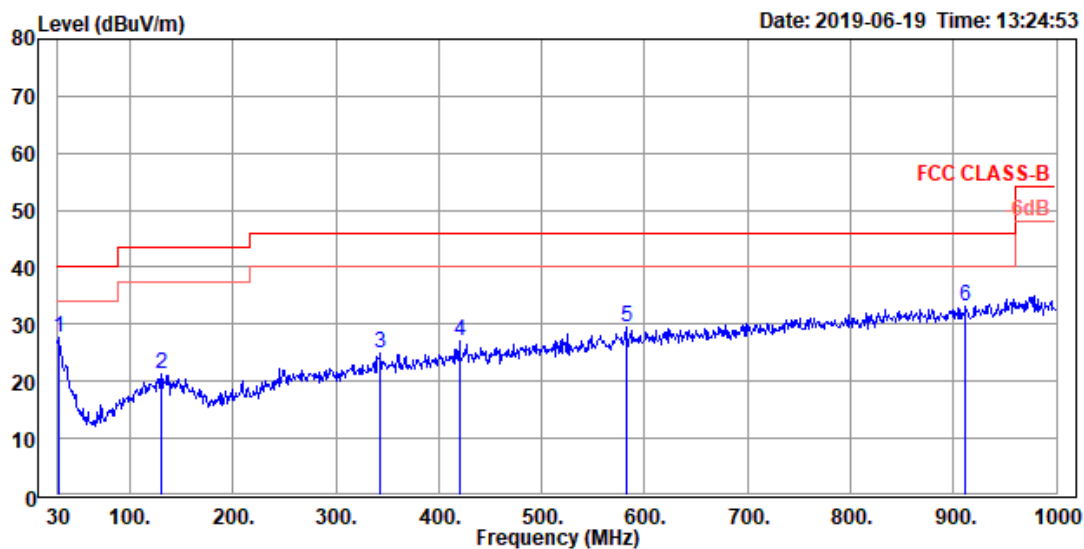
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2480
Memo : Z(平躺)

	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	21162.000	42.18	42.67	-0.49	74.00	-31.82	100	18	Peak	

Spurious Emissions, TX Mode, 30M-1G(BLE)

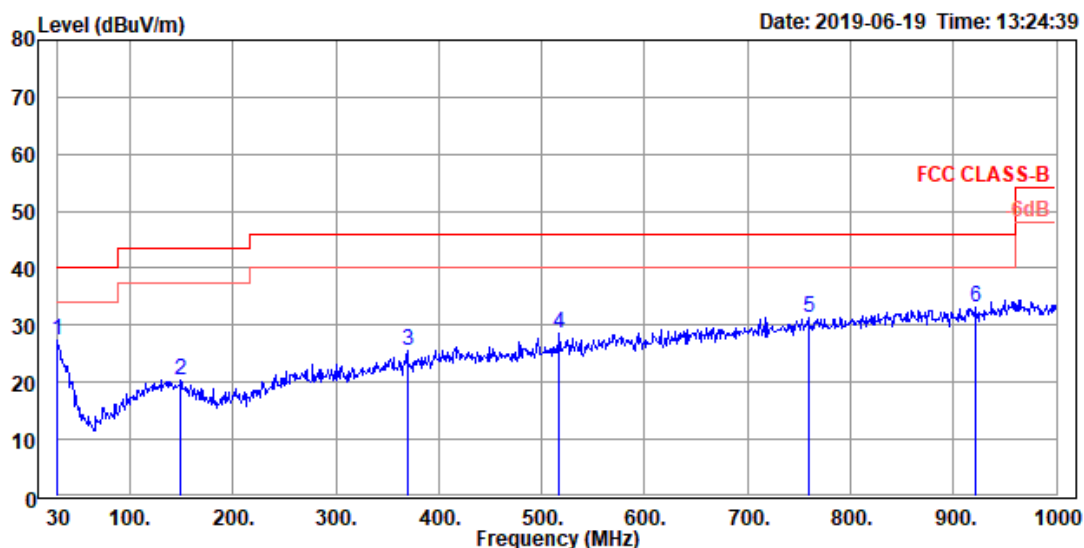


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Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2440
Memo : 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	27.76	28.23	-0.47	40.00	-12.24	100	359	QP	
2	129.910	21.17	28.20	-7.03	43.50	-22.33	100	180	QP	
3	343.310	24.89	28.45	-3.56	46.00	-21.11	100	66	QP	
4	419.940	26.95	28.92	-1.97	46.00	-19.05	100	328	QP	
5	581.930	29.63	29.56	0.07	46.00	-16.37	100	328	QP	
6	911.730	33.09	28.79	4.30	46.00	-12.91	100	360	QP	



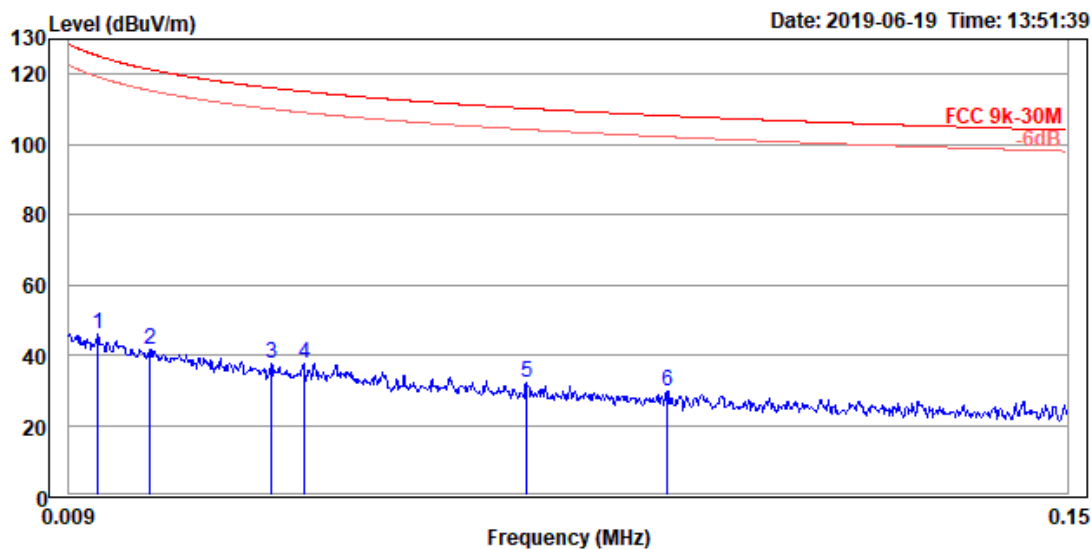
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2440
Memo : Z(平躺)

	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	27.44	27.42	0.02	40.00	-12.56	100	109	QP	
2	149.310	20.44	27.66	-7.22	43.50	-23.06	100	152	QP	
3	369.500	25.56	28.65	-3.09	46.00	-20.44	100	122	QP	
4	516.940	28.73	29.78	-1.05	46.00	-17.27	100	63	QP	
5	759.440	31.36	28.98	2.38	46.00	-14.64	100	225	QP	
6	921.430	33.07	28.54	4.53	46.00	-12.93	100	0	QP	

Spurious Emissions, TX Mode, 9k-30M(BLE)

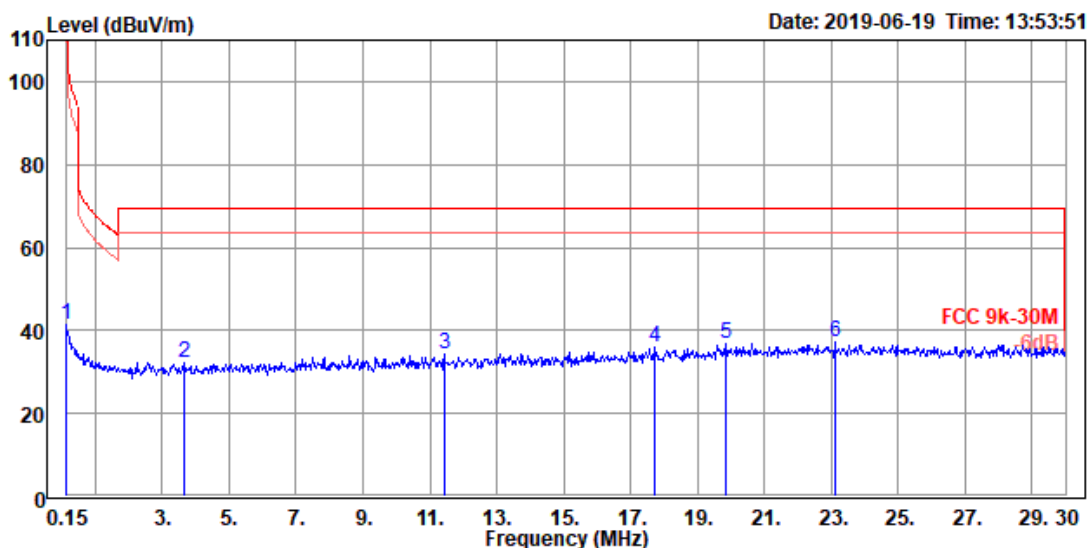


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Site : 966A Chamber A
Condition : FCC 9k-30M 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019,NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2440
Memo : 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	0.013	46.14	27.45	18.69	125.25	-79.11	100	18	QP	
2	0.020	41.50	22.50	19.00	121.39	-79.89	100	284	QP	
3	0.038	37.63	18.40	19.23	116.08	-78.45	100	55	QP	
4	0.042	37.39	18.25	19.14	115.10	-77.71	100	264	QP	
5	0.074	31.94	13.23	18.71	110.26	-78.32	100	11	QP	
6	0.093	29.75	11.27	18.48	108.18	-78.43	100	323	QP	



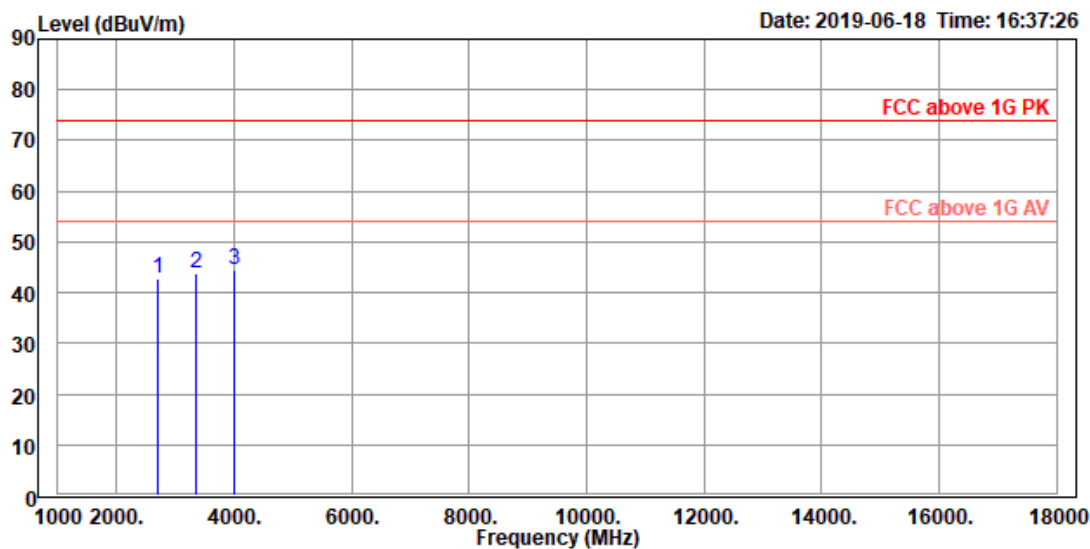
Site : 966A Chamber A
Condition : FCC 9k-30M 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE TX 2440
Memo : Z(平躺)

	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	0.150	41.43	23.00	18.43	104.08	-62.65	100	30	QP	
2	3.642	32.18	13.27	18.91	69.50	-37.32	100	175	QP	
3	11.433	34.12	13.45	20.67	69.50	-35.38	100	120	QP	
4	17.702	36.16	14.73	21.43	69.50	-33.34	100	333	QP	
5	19.851	36.89	15.21	21.68	69.50	-32.61	100	324	QP	
6	23.105	37.05	15.24	21.81	69.50	-32.45	100	6	QP	

Spurious Emissions, RX Mode, 1-18G(BLE)

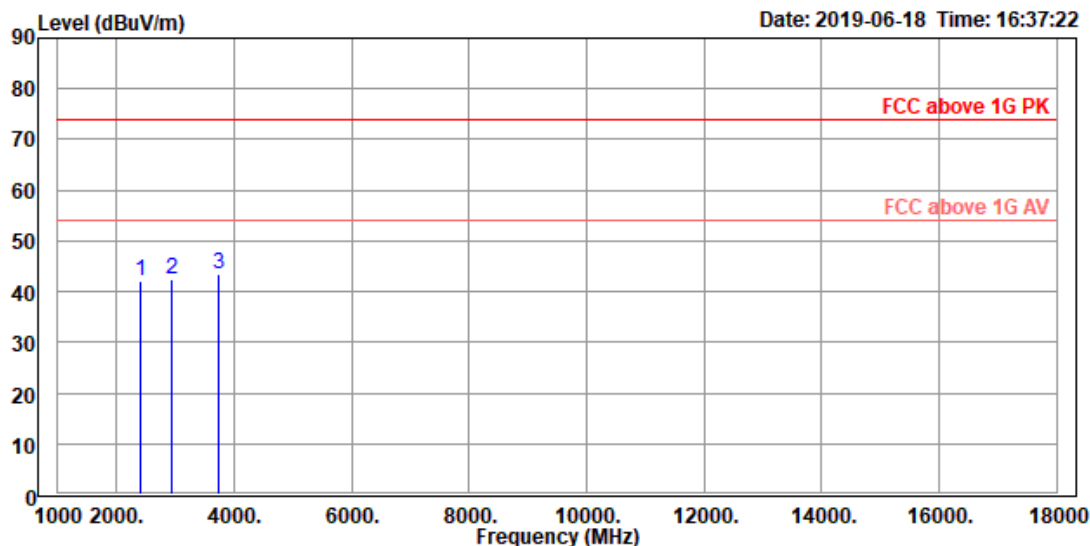


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Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE RX 2440
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	2700.000	42.67	50.74	-8.07	74.00	-31.33	100	127	Peak	
2	3346.000	43.90	50.71	-6.81	74.00	-30.10	100	94	Peak	
3	4009.000	44.60	50.07	-5.47	74.00	-29.40	100	132	Peak	



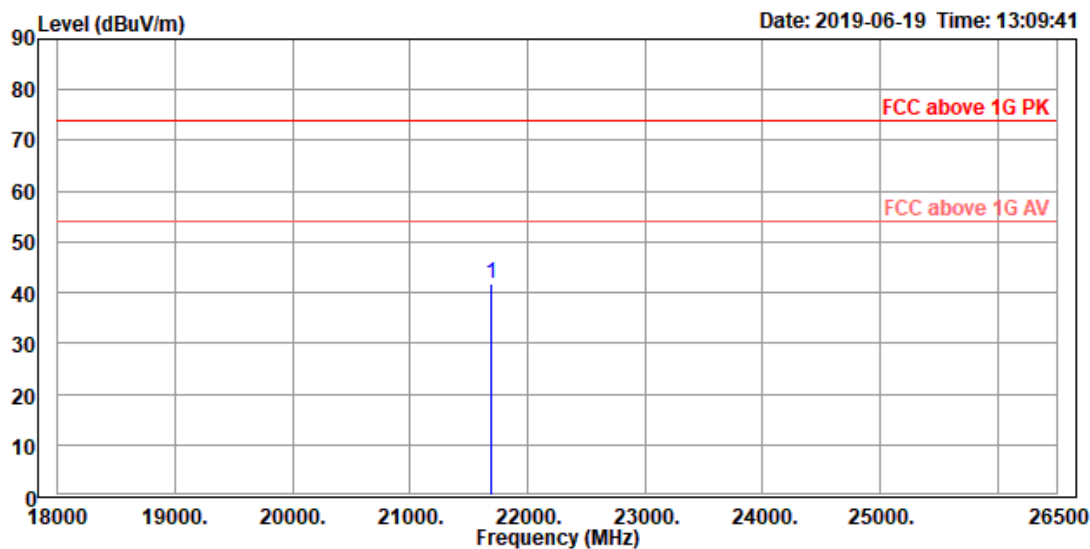
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE RX 2440
Memo : Z(平躺)

	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	2394.000	42.22	50.47	-8.25	74.00	-31.78	100	120	Peak	
2	2938.000	42.60	50.14	-7.54	74.00	-31.40	100	296	Peak	
3	3737.000	43.42	49.47	-6.05	74.00	-30.58	100	192	Peak	

Spurious Emissions, RX Mode, 18-26G(BLE)

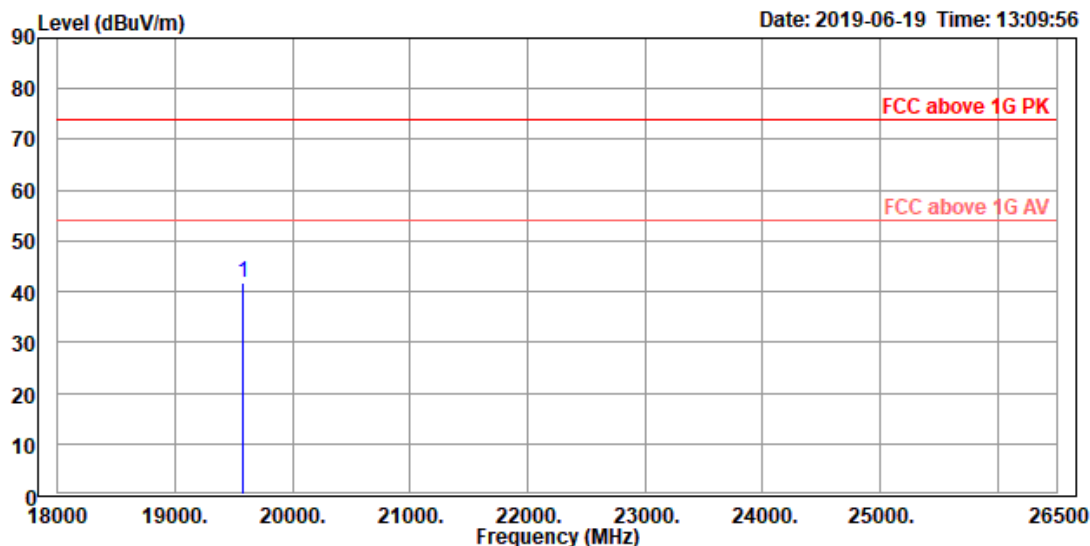


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Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE RX 2440
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	21689.000	41.78	42.28	-0.50	74.00	-32.22	100	333	Peak	



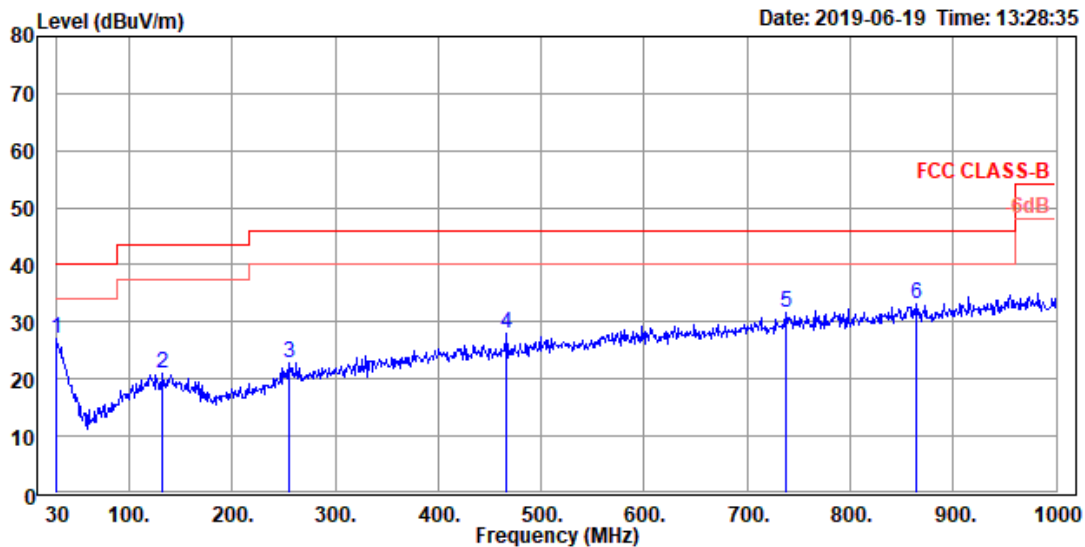
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE RX 2440
Memo : Z(平躺)

	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	19581.000	41.70	44.20	-2.50	74.00	-32.30	100	355	Peak	

Spurious Emissions, RX Mode, 30M-1G(BLE)

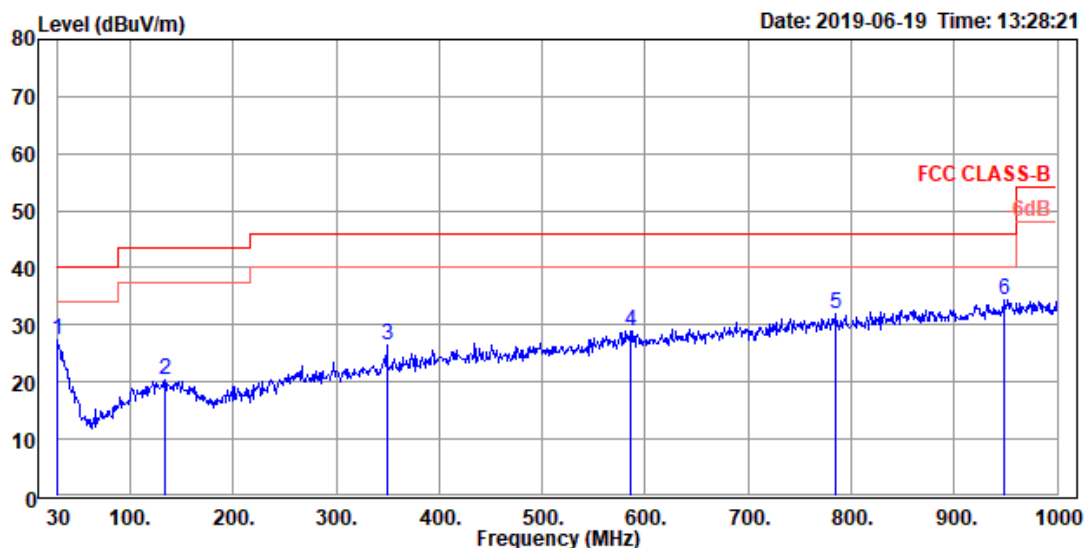


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Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019,NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE RX 2440
Memo : 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	27.22	27.20	0.02	40.00	-12.78	100	136	QP	
2	132.820	20.88	27.80	-6.92	43.50	-22.62	100	247	QP	
3	255.040	22.89	28.15	-5.26	46.00	-23.11	100	4	QP	
4	466.500	28.07	29.89	-1.82	46.00	-17.93	100	178	QP	
5	737.130	31.73	29.70	2.03	46.00	-14.27	100	143	QP	
6	864.200	33.04	29.06	3.98	46.00	-12.96	100	65	QP	



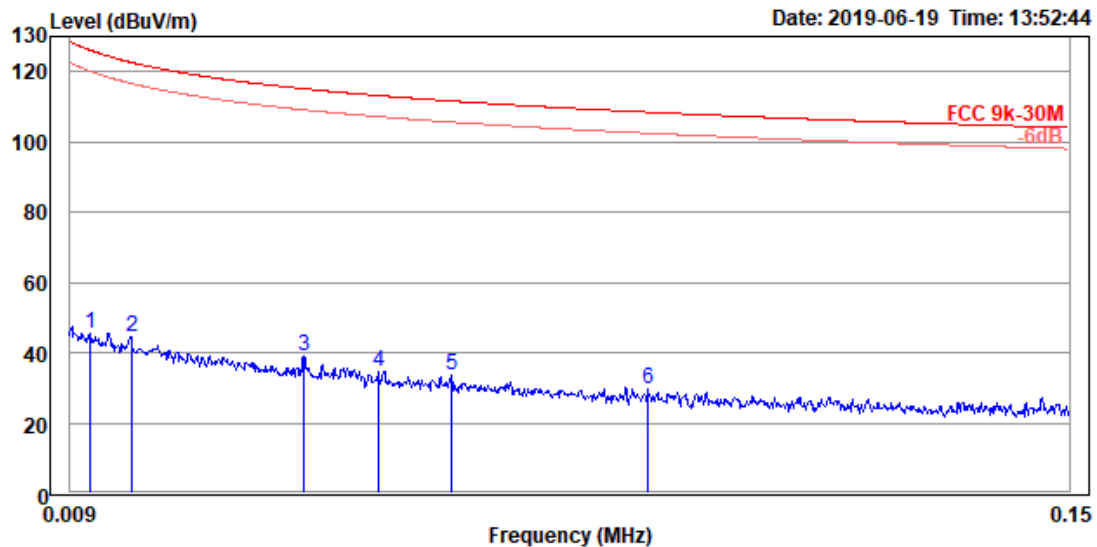
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE RX 2440
Memo : Z(平躺)

	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	27.44	27.42	0.02	40.00	-12.56	100	123	QP	
2	133.790	20.41	27.31	-6.90	43.50	-23.09	100	208	QP	
3	349.130	26.53	29.92	-3.39	46.00	-19.47	100	175	QP	
4	585.810	28.93	28.88	0.05	46.00	-17.07	100	301	QP	
5	785.630	32.07	29.41	2.66	46.00	-13.93	100	83	QP	
6	948.590	34.50	29.09	5.41	46.00	-11.50	100	0	QP	

Spurious Emissions, RX Mode, 9K-30M(BLE)

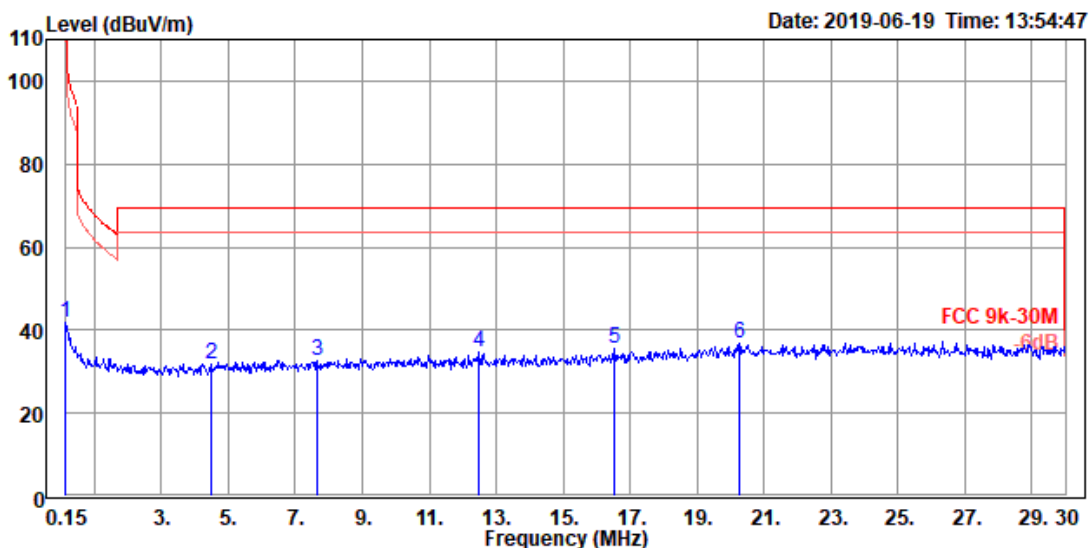


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Site : 966A Chamber A
Condition : FCC 9k-30M 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE RX 2440
Memo : 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	0.012	45.65	27.01	18.64	126.13	-80.48	100	297	QP	
2	0.018	44.50	25.62	18.88	122.68	-78.18	100	99	QP	
3	0.042	39.12	19.98	19.14	115.13	-76.01	100	349	QP	
4	0.052	34.79	15.84	18.95	113.20	-78.41	100	101	QP	
5	0.063	33.76	14.92	18.84	111.65	-77.89	100	88	QP	
6	0.090	29.53	11.02	18.51	108.46	-78.93	100	53	QP	



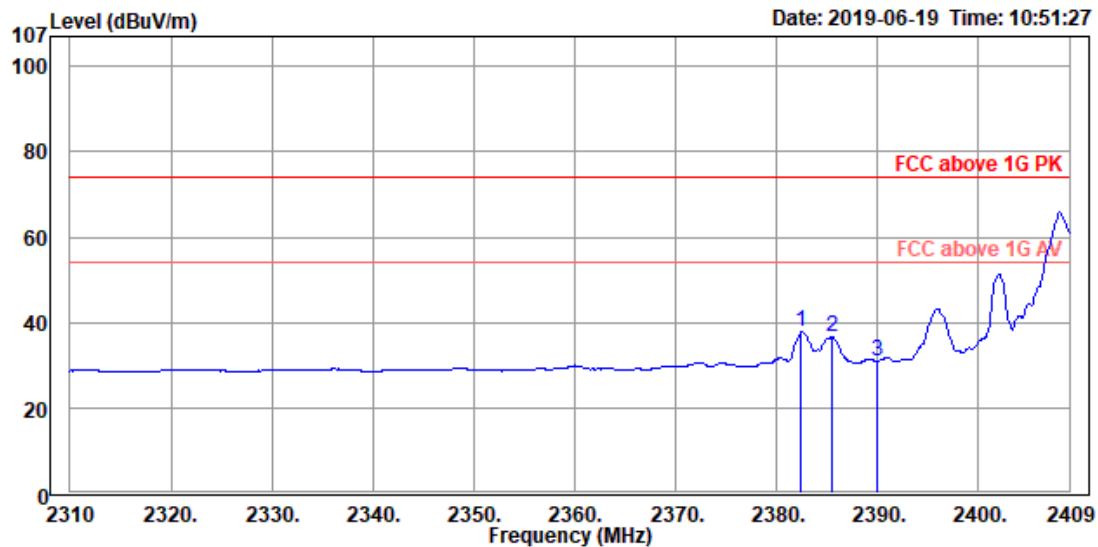
Site : 966A Chamber A
Condition : FCC 9k-30M 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 20°C / 58%
Power Setting: default
Mode : BLE RX 2440
Memo : Z(平躺)

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg	
1	0.150	41.62	23.19	18.43	104.08	-62.46	100	91	QP
2	4.478	31.82	12.52	19.30	69.50	-37.68	100	360	QP
3	7.642	32.73	12.68	20.05	69.50	-36.77	100	256	QP
4	12.478	34.65	13.86	20.79	69.50	-34.85	100	74	QP
5	16.508	35.56	14.27	21.29	69.50	-33.94	100	123	QP
6	20.269	36.70	14.99	21.71	69.50	-32.80	100	264	QP

Spurious Emissions, Band Edges, 2.35-2.5G (2.4GHz)

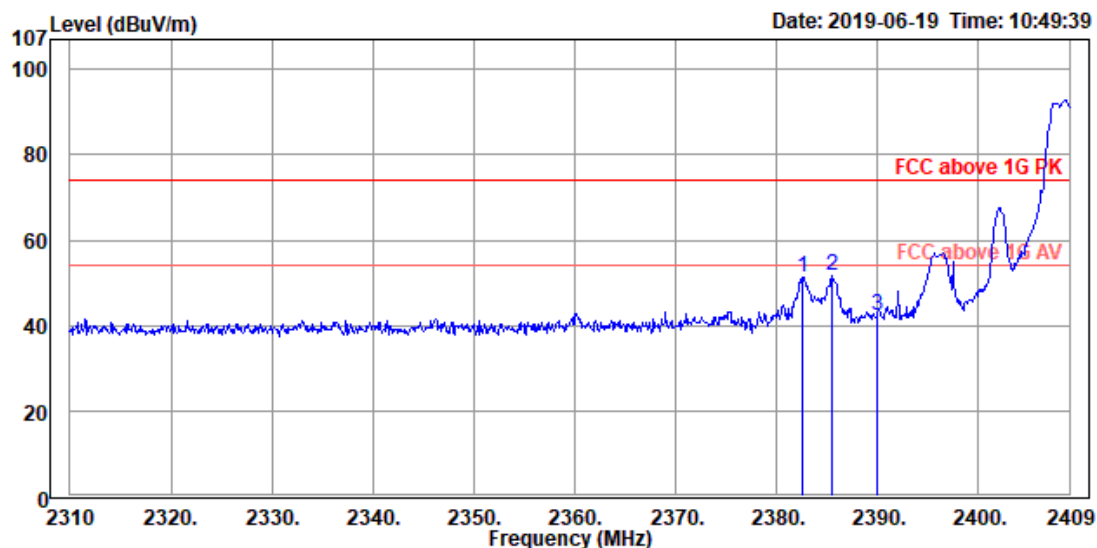


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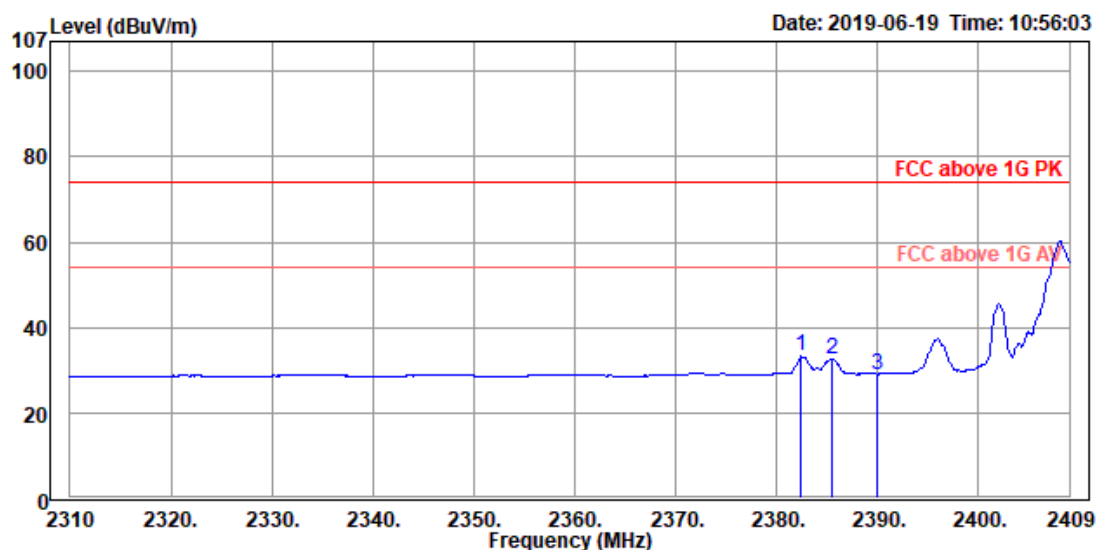
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2408
Memo : Z(平躺)

	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	2382.468	37.70	45.99	-8.29	54.00	-16.30	124	146	Average	
2	2385.537	36.76	45.05	-8.29	54.00	-17.24	124	146	Average	
3	2390.000	30.79	39.05	-8.26	54.00	-23.21	124	146	Average	



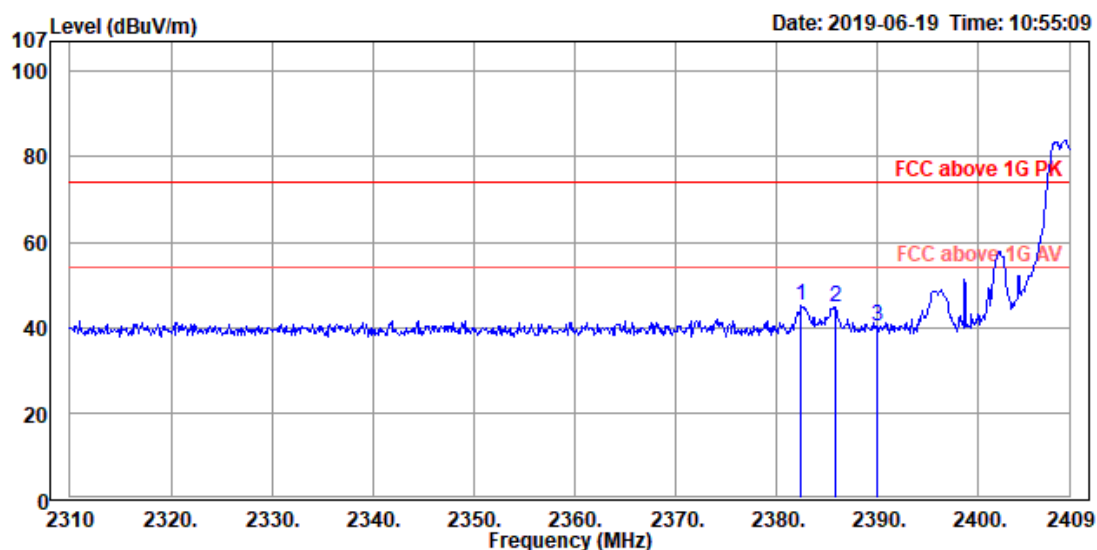
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2408
Memo : Z(平躺)

	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	2382.567	51.21	59.50	-8.29	74.00	-22.79	124	146	Peak	
2	2385.537	51.56	59.85	-8.29	74.00	-22.44	124	146	Peak	
3	2390.000	42.32	50.58	-8.26	74.00	-31.68	124	146	Peak	



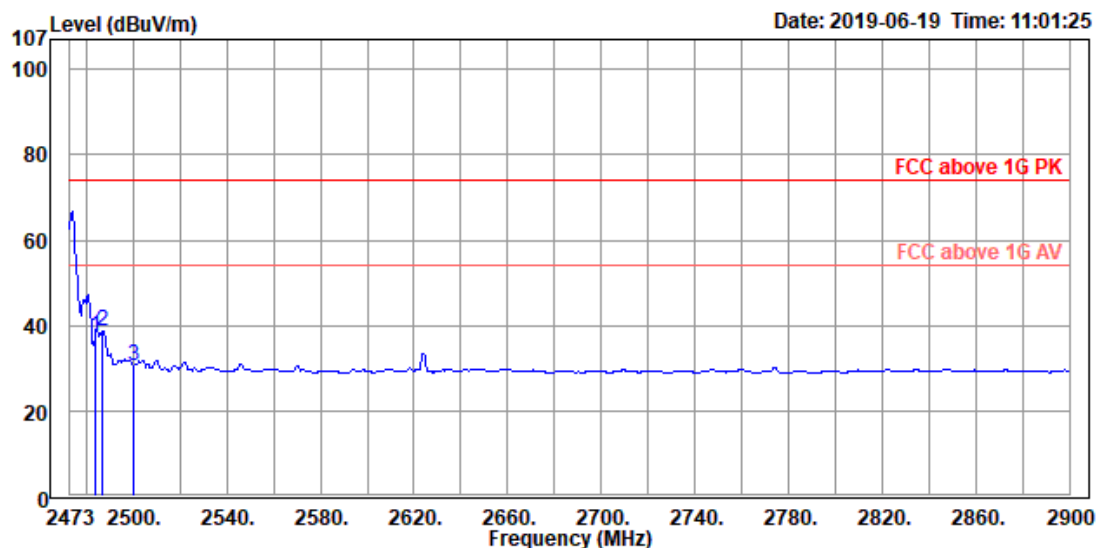
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2408
Memo : Z(平躺)

	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	2382.468	33.21	41.50	-8.29	54.00	-20.79	116	331	Average	
2	2385.438	32.67	40.96	-8.29	54.00	-21.33	116	331	Average	
3	2390.000	29.08	37.34	-8.26	54.00	-24.92	116	331	Average	



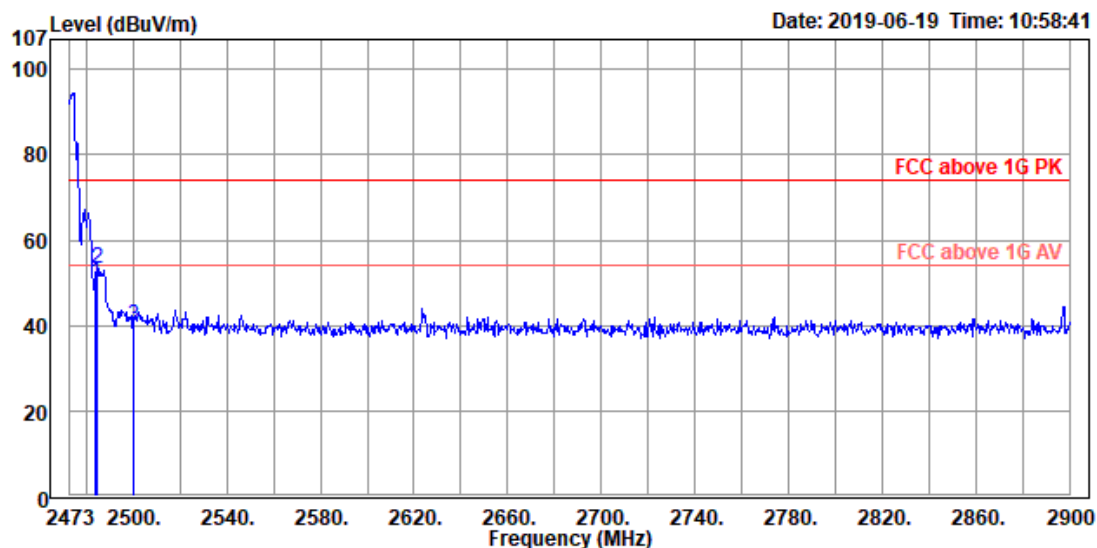
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2408
Memo : Z(平躺)

	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	2382.468	45.31	53.60	-8.29	74.00	-28.69	116	331	Peak	
2	2385.834	44.73	53.02	-8.29	74.00	-29.27	116	331	Peak	
3	2390.000	40.09	48.35	-8.26	74.00	-33.91	116	331	Peak	



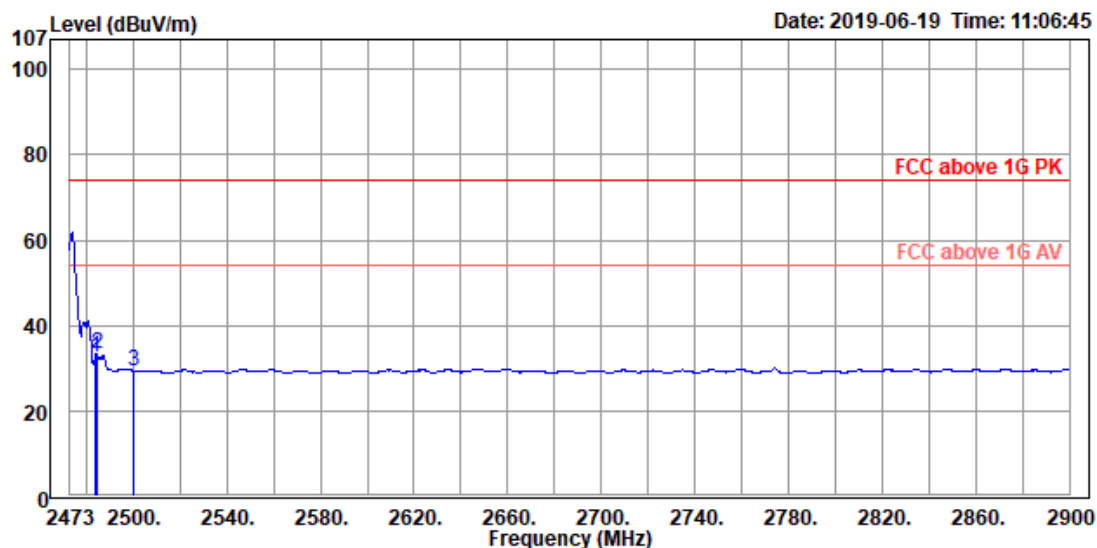
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2474
Memo : Z(平躺)

	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	37.61	45.72	-8.11	54.00	-16.39	145	123	Average	
2	2487.091	38.60	46.72	-8.12	54.00	-15.40	145	123	Average	
3	2500.000	30.58	38.73	-8.15	54.00	-23.42	145	123	Average	



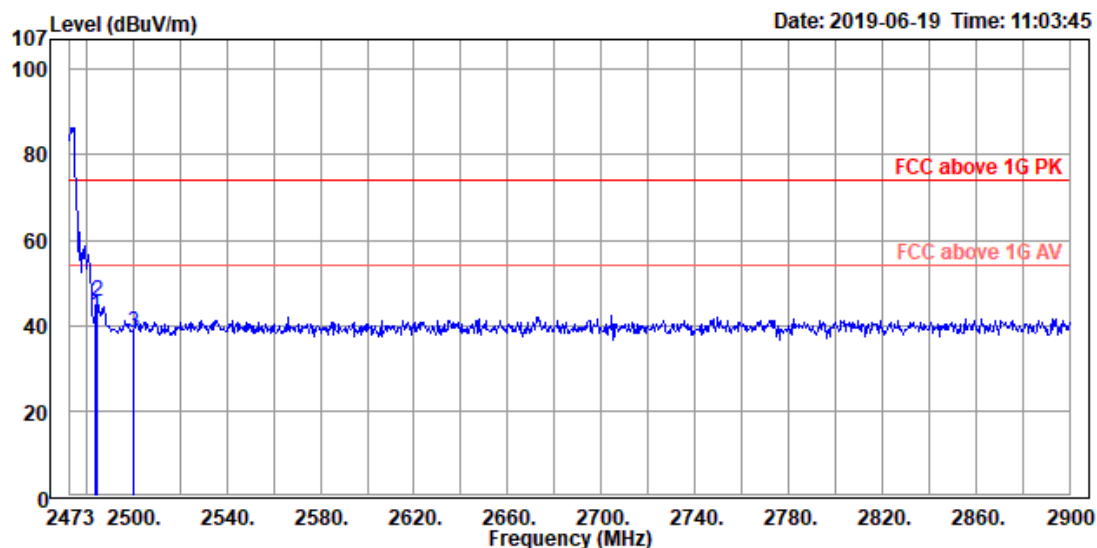
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2474
Memo : Z(平躺)

	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	49.92	58.03	-8.11	74.00	-24.08	145	123	Peak	
2	2484.529	53.46	61.57	-8.11	74.00	-20.54	145	123	Peak	
3	2500.000	40.06	48.21	-8.15	74.00	-33.94	145	123	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2474
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	32.40	40.51	-8.11	54.00	-21.60	103	358	Average	
2	2484.529	33.38	41.49	-8.11	54.00	-20.62	103	358	Average	
3	2500.000	29.30	37.45	-8.15	54.00	-24.70	103	358	Average	



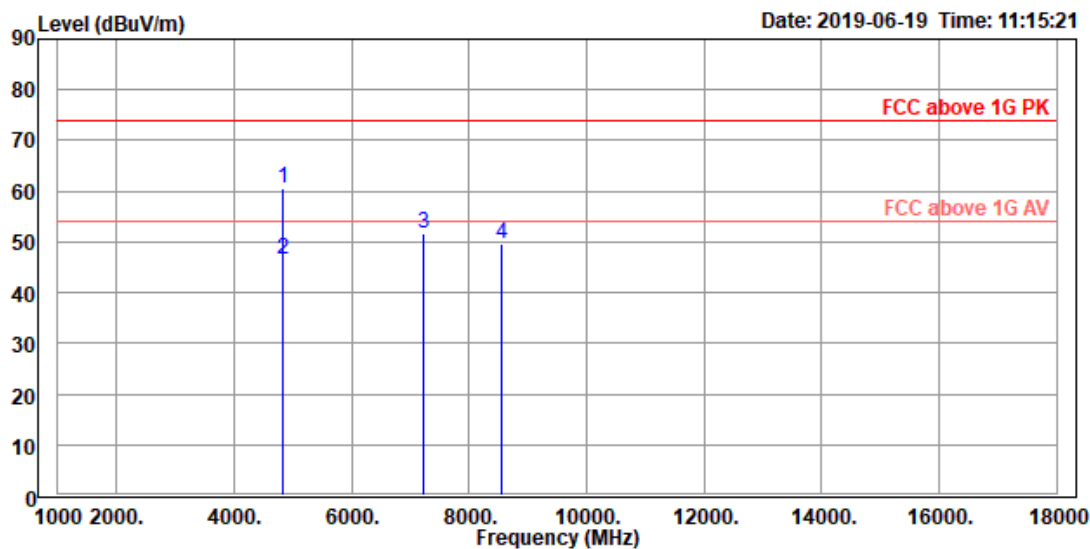
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2474
Memo : Z(平躺)

	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	42.47	50.58	-8.11	74.00	-31.53	103	358	Peak	
2	2484.529	45.64	53.75	-8.11	74.00	-28.36	103	358	Peak	
3	2500.000	38.13	46.28	-8.15	74.00	-35.87	103	358	Peak	

Spurious Emissions, TX Mode, 1-18G(2.4GHz)

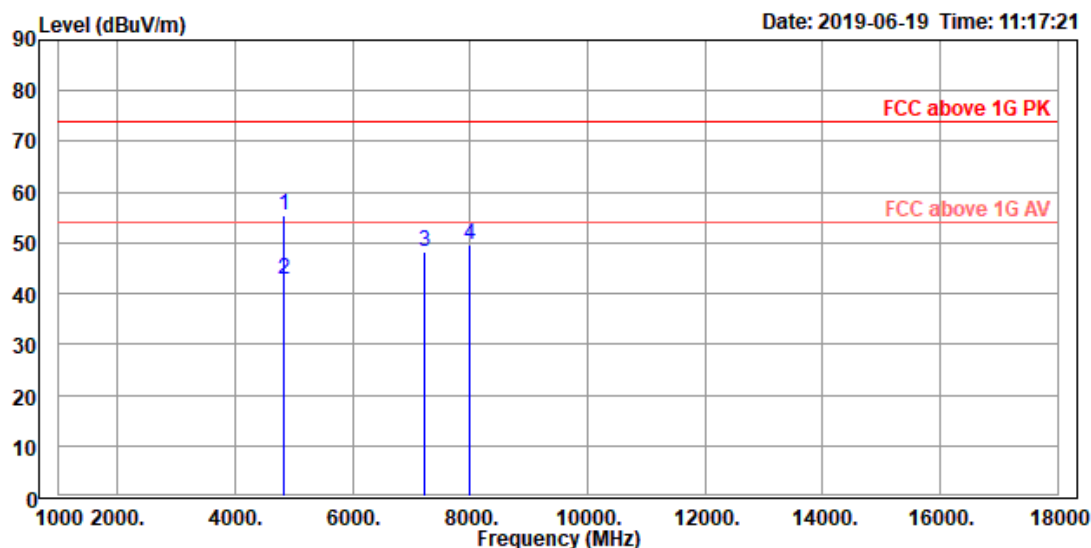


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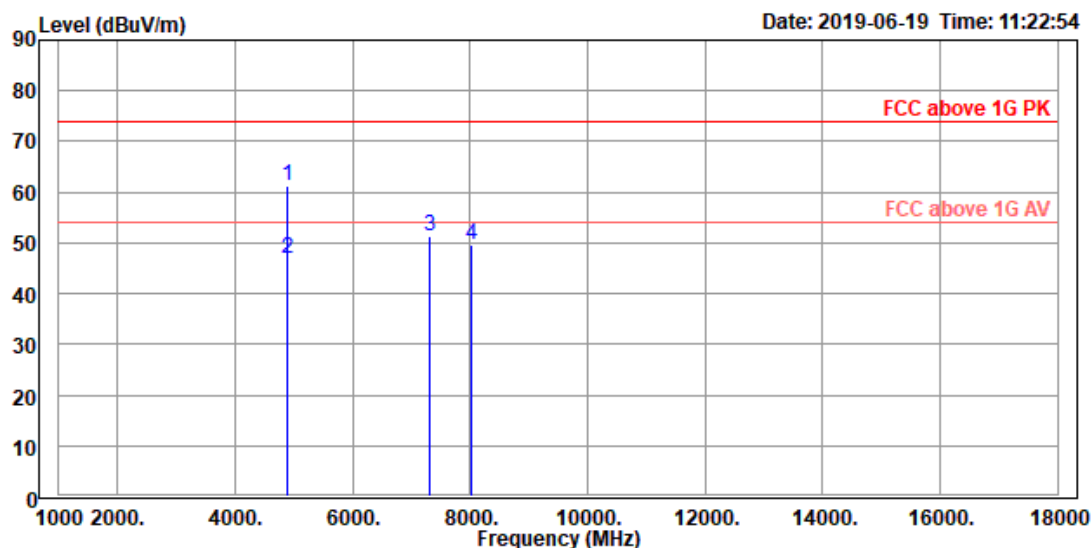
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2408
Memo : Z(平躺)

	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	4816.000	60.48	62.90	-2.42	74.00	-13.52	212	0	Peak	
2	4816.000	46.46	48.88	-2.42	54.00	-7.54	212	0	Average	
3	7224.000	51.67	46.19	5.48	74.00	-22.33	100	174	Peak	
4	8565.000	49.54	42.83	6.71	74.00	-24.46	100	216	Peak	



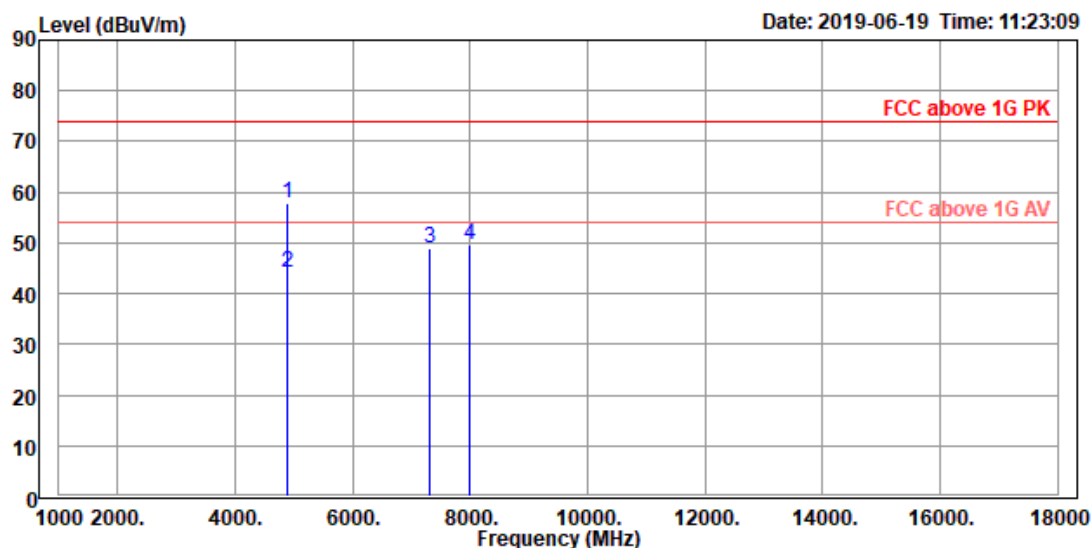
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019,NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2408
Memo : Z(平躺)

	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	4816.000	55.44	57.86	-2.42	74.00	-18.56	100	300	Peak	
2	4816.000	42.81	45.23	-2.42	54.00	-11.19	100	300	Average	
3	7224.000	48.31	42.83	5.48	74.00	-25.69	100	0	Peak	
4	7987.000	49.79	43.73	6.06	74.00	-24.21	100	355	Peak	



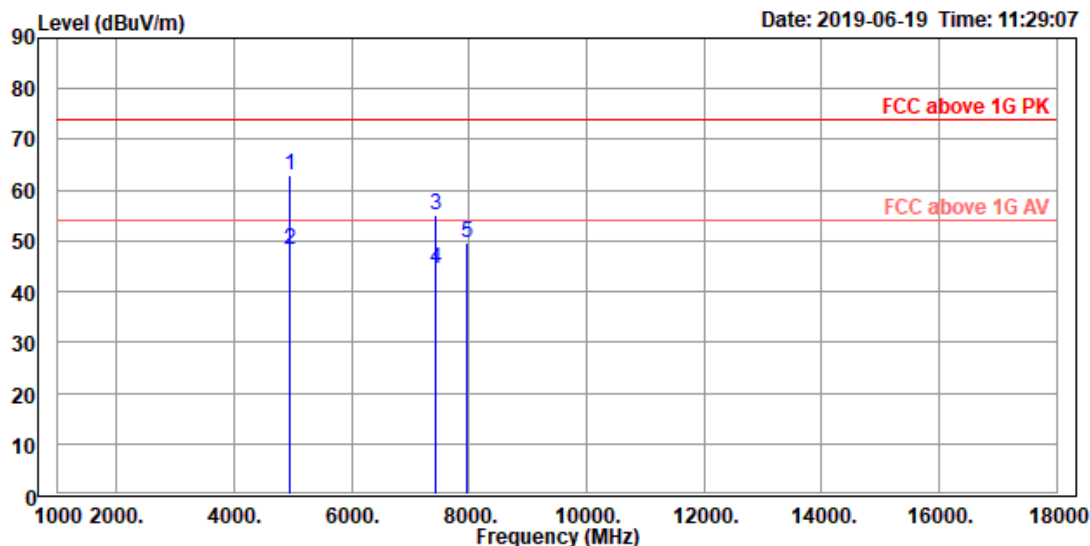
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2440
Memo : Z(平躺)

	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	4880.000	61.29	63.57	-2.28	74.00	-12.71	220	360	Peak	
2	4880.000	46.75	49.03	-2.28	54.00	-7.25	220	360	Average	
3	7320.000	51.49	45.78	5.71	74.00	-22.51	100	246	Peak	
4	8021.000	49.56	43.48	6.08	74.00	-24.44	100	0	Peak	



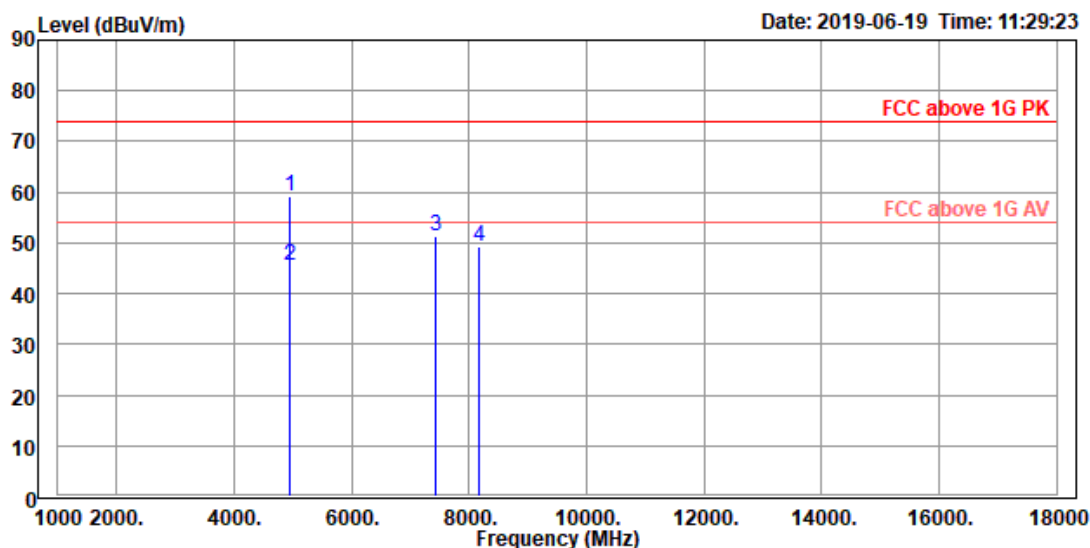
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2440
Memo : Z(平躺)

	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	4880.000	57.75	60.03	-2.28	74.00	-16.25	100	301	Peak	
2	4880.000	44.23	46.51	-2.28	54.00	-9.77	100	301	Average	
3	7320.000	48.94	43.23	5.71	74.00	-25.06	100	310	Peak	
4	7987.000	49.47	43.41	6.06	74.00	-24.53	100	159	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2474
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	4948.000	62.91	64.94	-2.03	74.00	-11.09	211	0	Peak	
2	4948.000	48.13	50.16	-2.03	54.00	-5.87	211	0	Average	
3	7422.000	55.06	49.07	5.99	74.00	-18.94	180	172	Peak	
4	7422.000	44.50	38.51	5.99	54.00	-9.50	180	172	Average	
5	7970.000	49.78	43.70	6.08	74.00	-24.22	100	126	Peak	



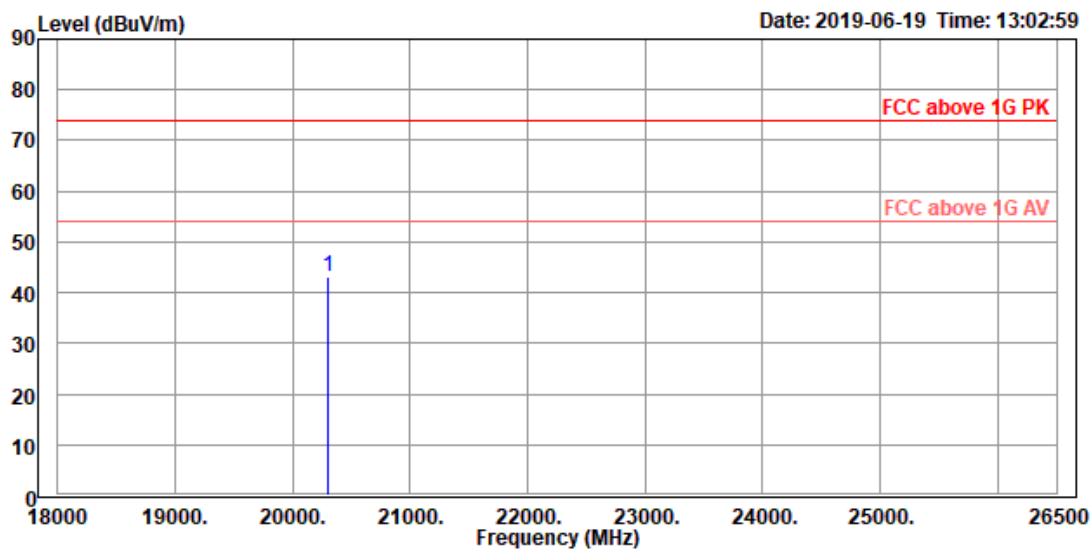
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2474
Memo : Z(平躺)

	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	4948.000	59.13	61.16	-2.03	74.00	-14.87	100	311	Peak	
2	4948.000	45.61	47.64	-2.03	54.00	-8.39	100	311	Average	
3	7422.000	51.18	45.19	5.99	74.00	-22.82	100	10	Peak	
4	8157.000	49.11	42.91	6.20	74.00	-24.89	100	185	Peak	

Spurious Emissions, TX Mode, 18-26G(2.4GHz)

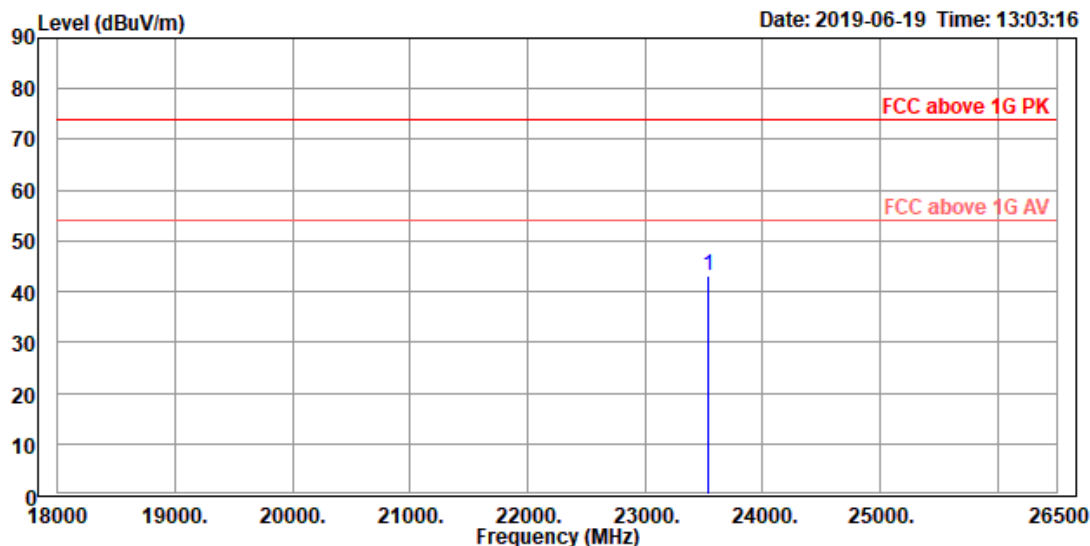


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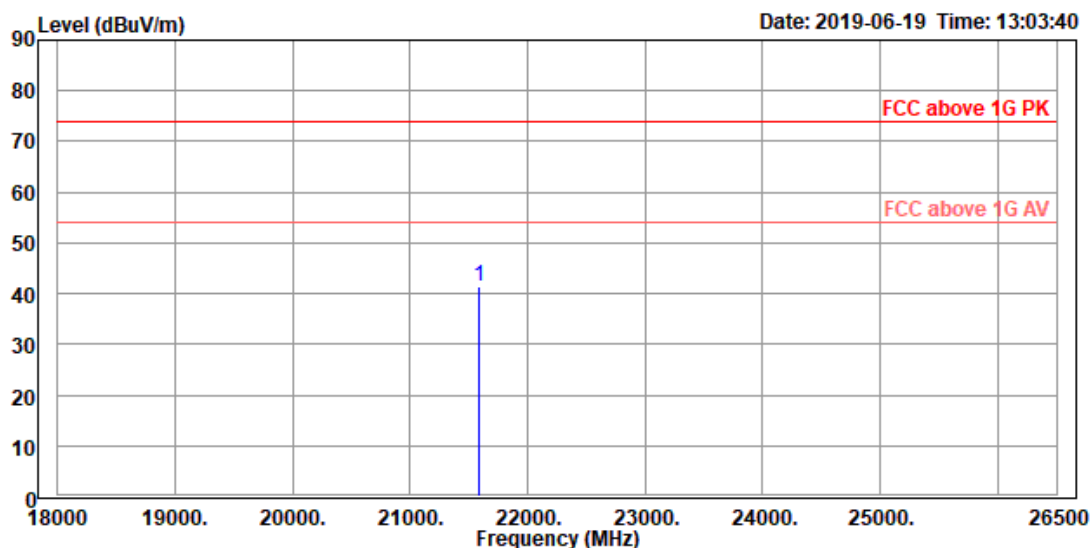
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2408
Memo : Z(平躺)

	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	20295.000	43.21	44.10	-0.89	74.00	-30.79	100	56	Peak	



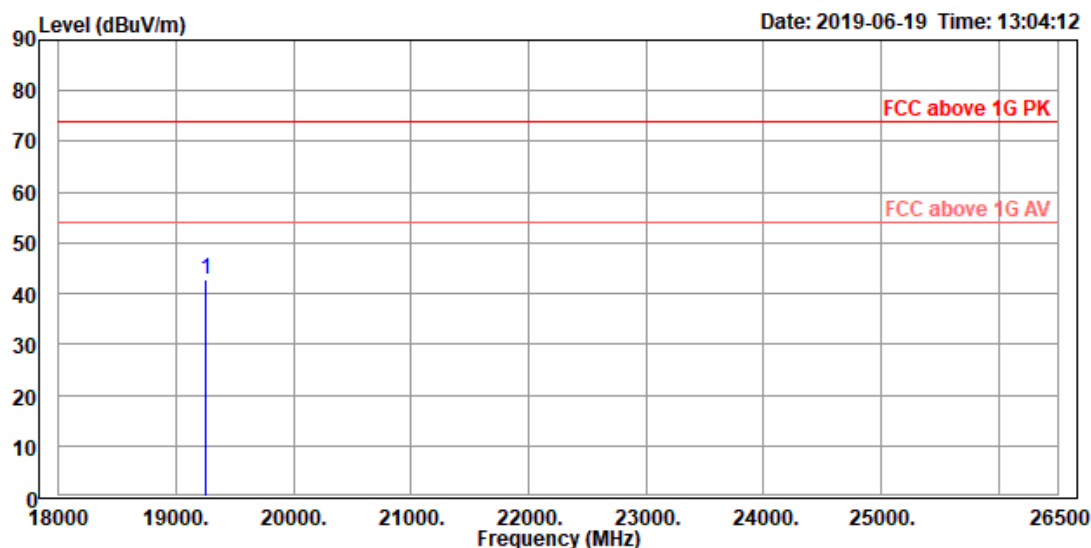
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2408
Memo : Z(平躺)

	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	23533.500	42.97	41.89	1.08	74.00	-31.03	100	178	Peak	



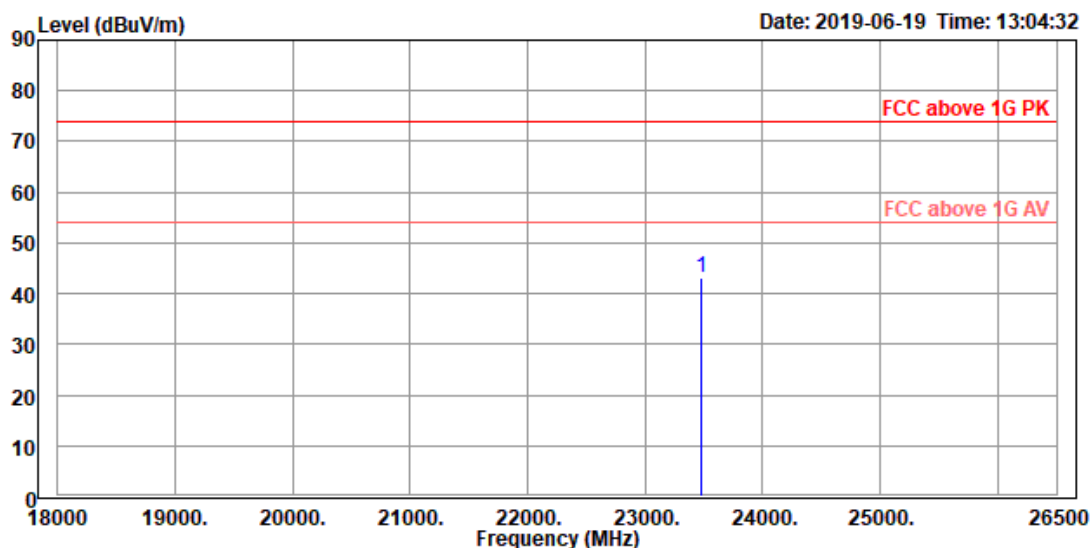
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2440
Memo : Z(平躺)

	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	21578.500	41.49	41.98	-0.49	74.00	-32.51	100	210	Peak	



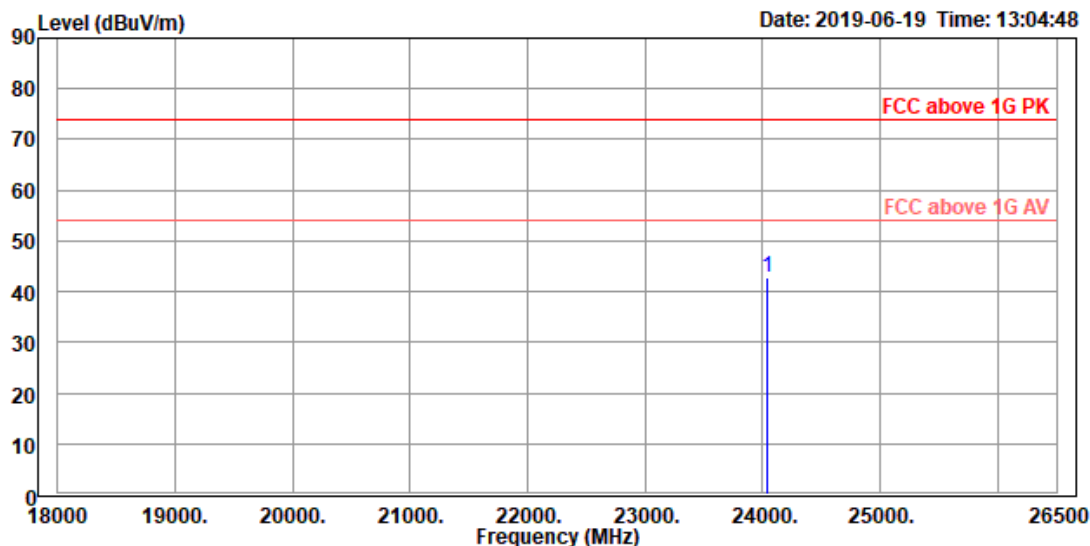
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2440
Memo : Z(平躺)

	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	19249.500	42.73	45.02	-2.29	74.00	-31.27	100		1 Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2474
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	23474.000	42.99	41.94	1.05	74.00	-31.01	100	111	Peak	



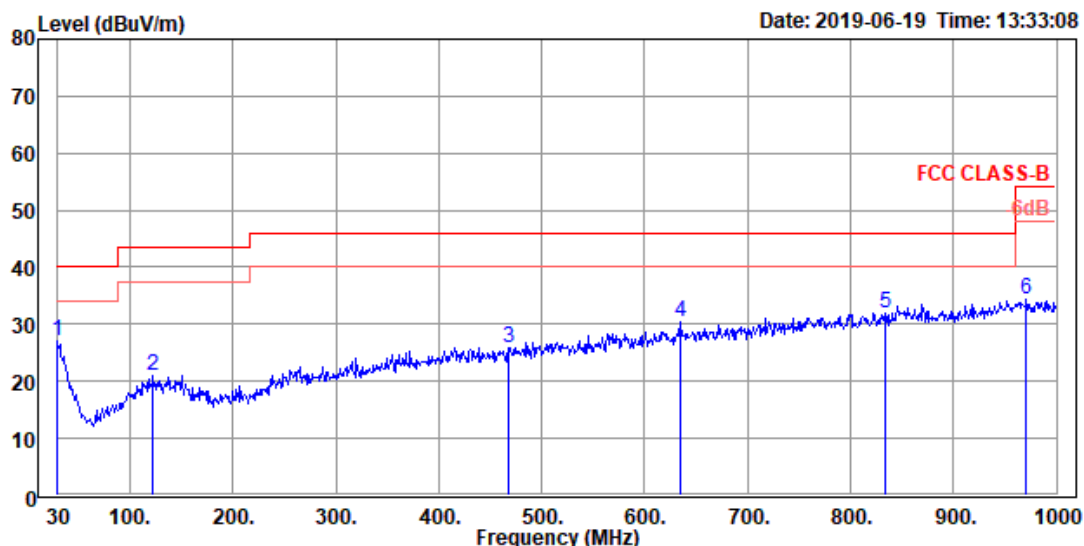
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2474
Memo : Z(平躺)

	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	24035.000	42.93	41.50	1.43	74.00	-31.07	100	319	Peak	

Spurious Emissions, TX Mode, 30M-1G(2.4GHz)

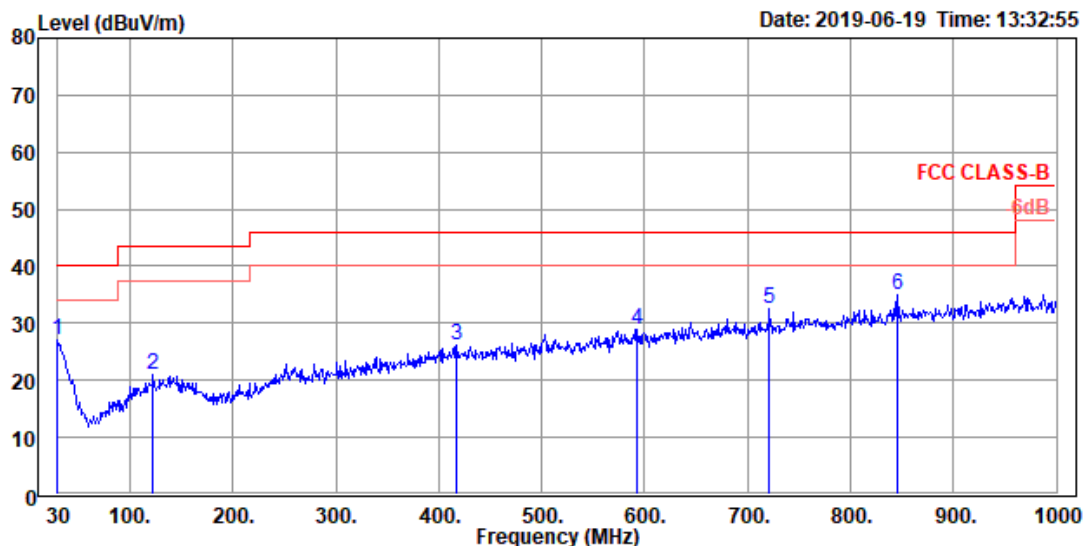


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Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2440
Memo : 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	27.20	27.18	0.02	40.00	-12.80	100	308	QP	
2	122.150	21.05	28.33	-7.28	43.50	-22.45	100	65	QP	
3	468.440	25.99	27.78	-1.79	46.00	-20.01	100	173	QP	
4	634.310	30.31	29.73	0.58	46.00	-15.69	100	360	QP	
5	833.160	31.98	28.66	3.32	46.00	-14.02	100	270	QP	
6	970.900	34.44	28.80	5.64	54.00	-19.56	100	146	QP	



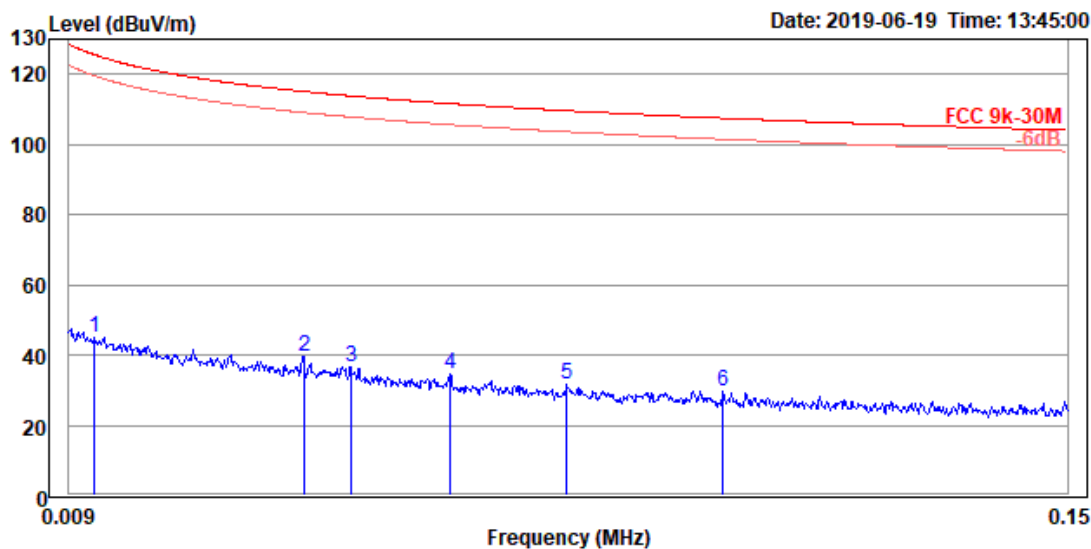
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2440
Memo : Z(平躺)

	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	27.06	27.04	0.02	40.00	-12.94	100	253	QP	
2	122.150	21.05	28.33	-7.28	43.50	-22.45	100	146	QP	
3	418.000	26.26	28.27	-2.01	46.00	-19.74	100	167	QP	
4	592.600	28.85	28.84	0.01	46.00	-17.15	100	227	QP	
5	721.610	32.42	30.88	1.54	46.00	-13.58	100	178	QP	
6	845.770	34.85	31.21	3.64	46.00	-11.15	100	223	QP	

Spurious Emissions, TX Mode, 9k-30M(2.4GHz)

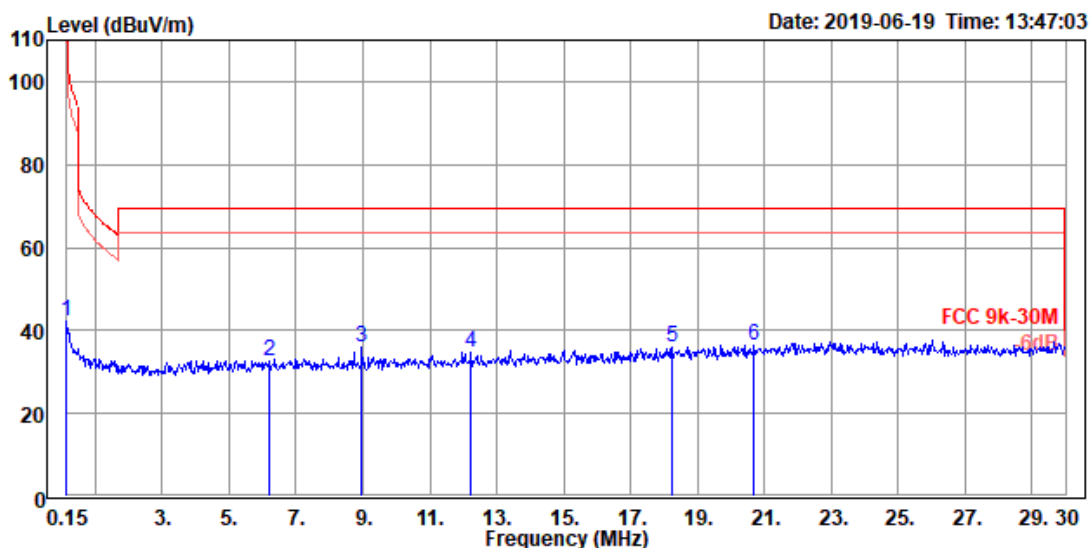


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Site : 966A Chamber A
Condition : FCC 9k-30M 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2440
Memo : 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	0.013	44.90	26.22	18.68	125.53	-80.63	100	16	QP	
2	0.042	39.60	20.46	19.14	115.10	-75.50	100	150	QP	
3	0.049	36.82	17.82	19.00	113.83	-77.01	100	66	QP	
4	0.063	34.81	15.97	18.84	111.63	-76.82	100	239	QP	
5	0.079	31.68	13.04	18.64	109.60	-77.92	100	210	QP	
6	0.101	29.44	11.04	18.40	107.48	-78.04	100	328	QP	



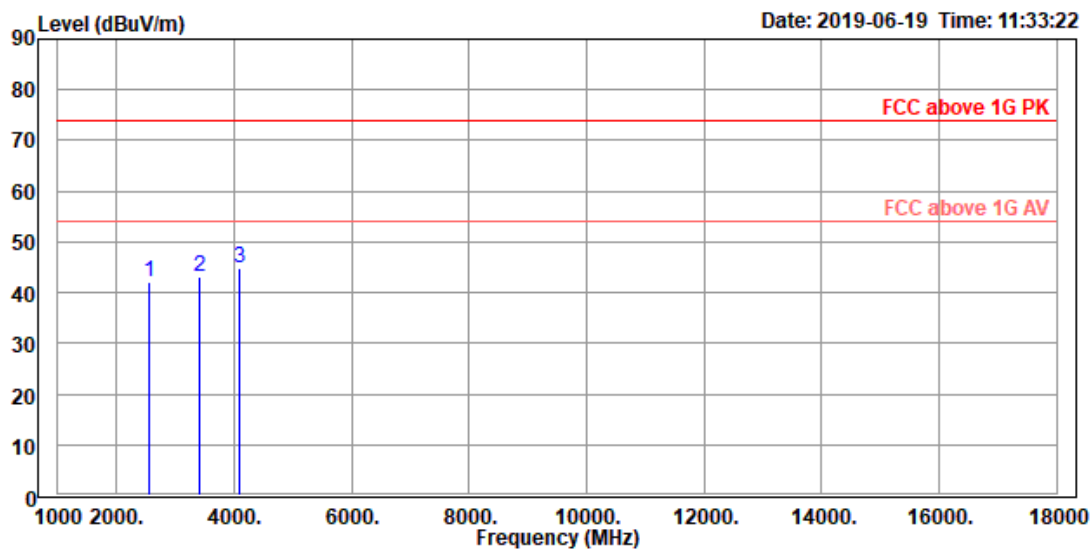
Site : 966A Chamber A
Condition : FCC 9k-30M 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G TX 2440
Memo : Z(平躺)

	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	0.150	42.08	23.65	18.43	104.08	-62.00	100	53	QP	
2	6.180	32.69	12.93	19.76	69.50	-36.81	100	360	QP	
3	8.956	35.83	15.53	20.30	69.50	-33.67	100	199	QP	
4	12.239	34.69	13.92	20.77	69.50	-34.81	100	68	QP	
5	18.239	36.15	14.66	21.49	69.50	-33.35	100	111	QP	
6	20.687	36.57	14.85	21.72	69.50	-32.93	100	322	QP	

Spurious Emissions, RX Mode, 1-18G(2.4GHz)

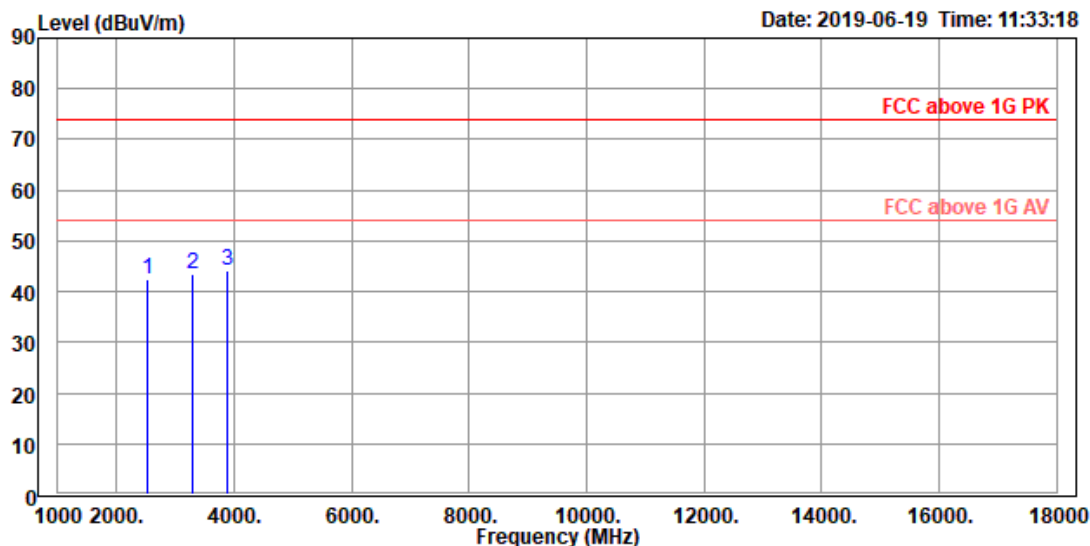


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Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G RX 2440
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	2547.000	42.23	50.17	-7.94	74.00	-31.77	100	251	Peak	
2	3397.000	43.26	49.92	-6.66	74.00	-30.74	100	32	Peak	
3	4077.000	44.78	50.11	-5.33	74.00	-29.22	100	114	Peak	



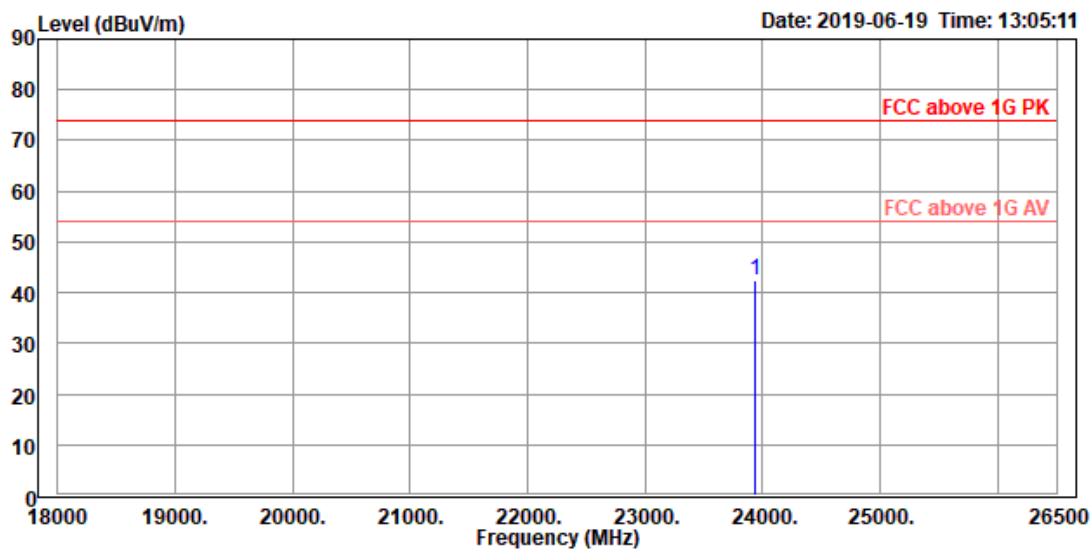
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G RX 2440
Memo : Z(平躺)

	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	2530.000	42.41	50.43	-8.02	74.00	-31.59	100	21	Peak	
2	3278.000	43.53	50.37	-6.84	74.00	-30.47	100	162	Peak	
3	3873.000	44.26	49.91	-5.65	74.00	-29.74	100	349	Peak	

Spurious Emissions, RX Mode, 18-26G(2.4GHz)

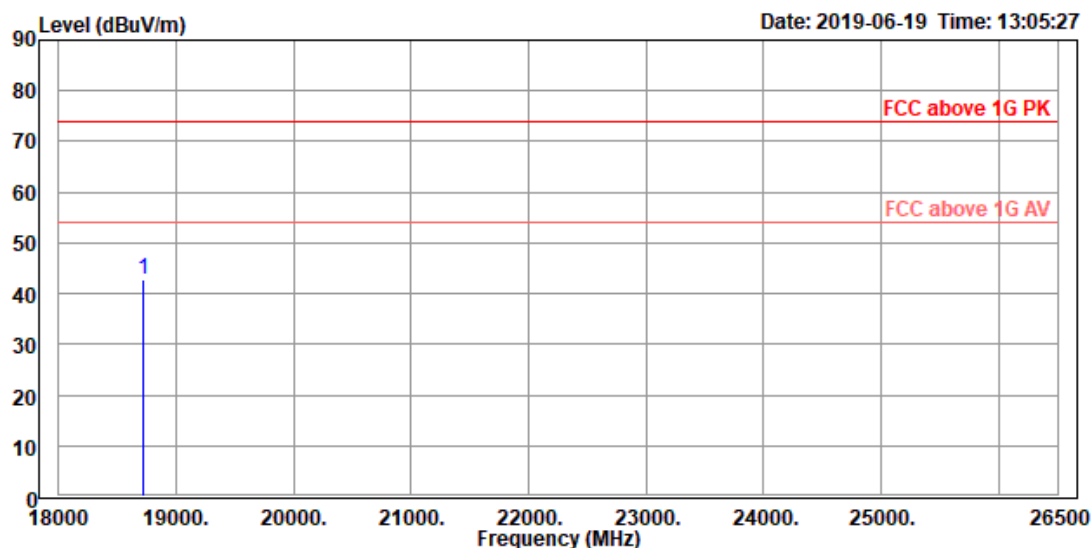


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Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019,NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G RX 2440
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	23933.000	42.46	41.08	1.38	74.00	-31.54	100	9	Peak	



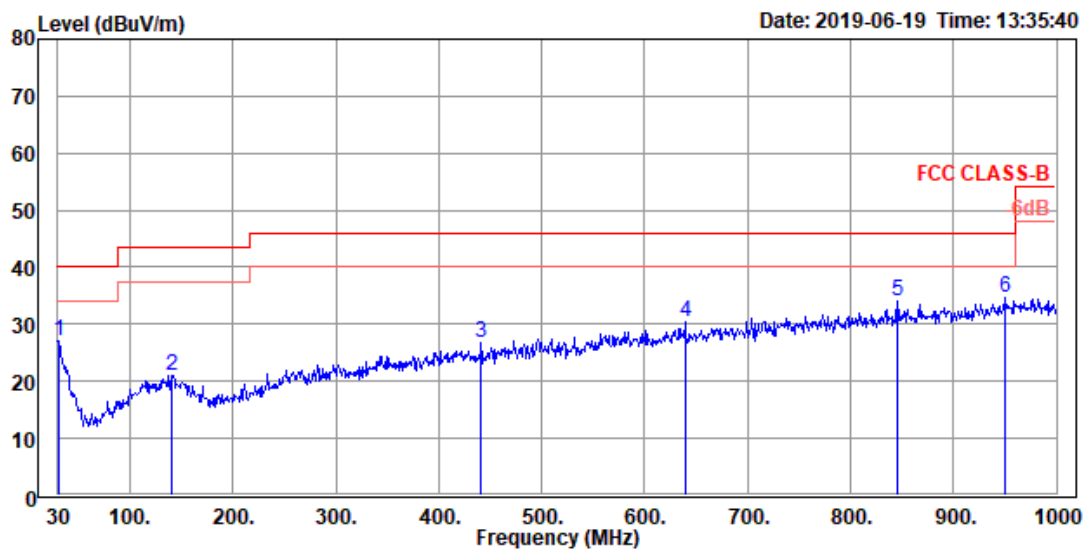
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G RX 2440
Memo : Z(平躺)

	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	18714.000	42.77	45.65	-2.88	74.00	-31.23	100	333	Peak	

Spurious Emissions, RX Mode, 30M-1G(2.4GHz)

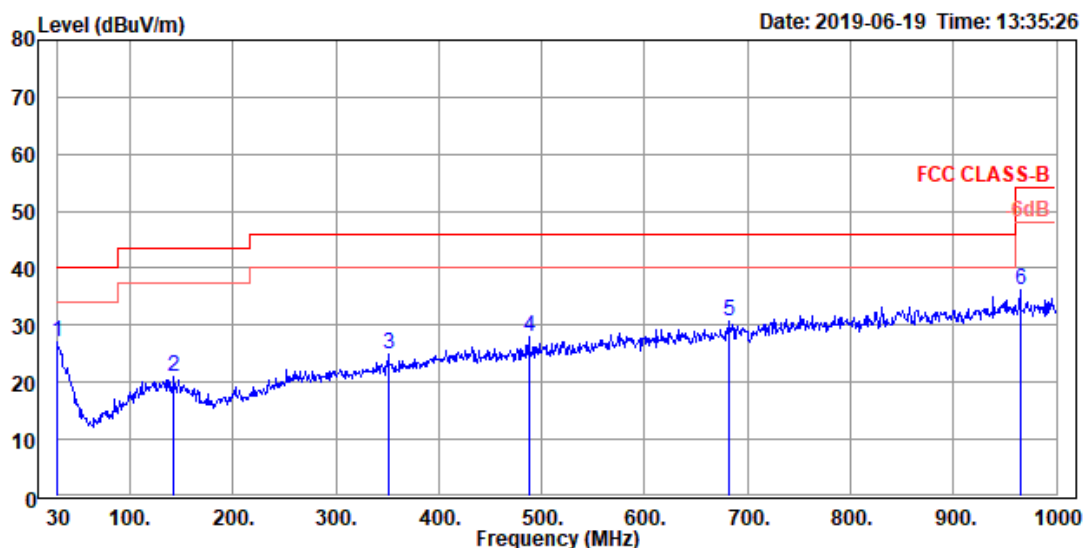


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Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019,NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G RX 2440
Memo : 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	27.01	27.48	-0.47	40.00	-12.99	100	259	QP	
2	140.580	21.13	28.08	-6.95	43.50	-22.37	100	29	QP	
3	441.280	26.77	28.94	-2.17	46.00	-19.23	100	91	QP	
4	639.160	30.37	29.78	0.59	46.00	-15.63	100	140	QP	
5	845.770	33.92	30.28	3.64	46.00	-12.08	100	78	QP	
6	949.560	34.66	29.21	5.45	46.00	-11.34	100	256	QP	



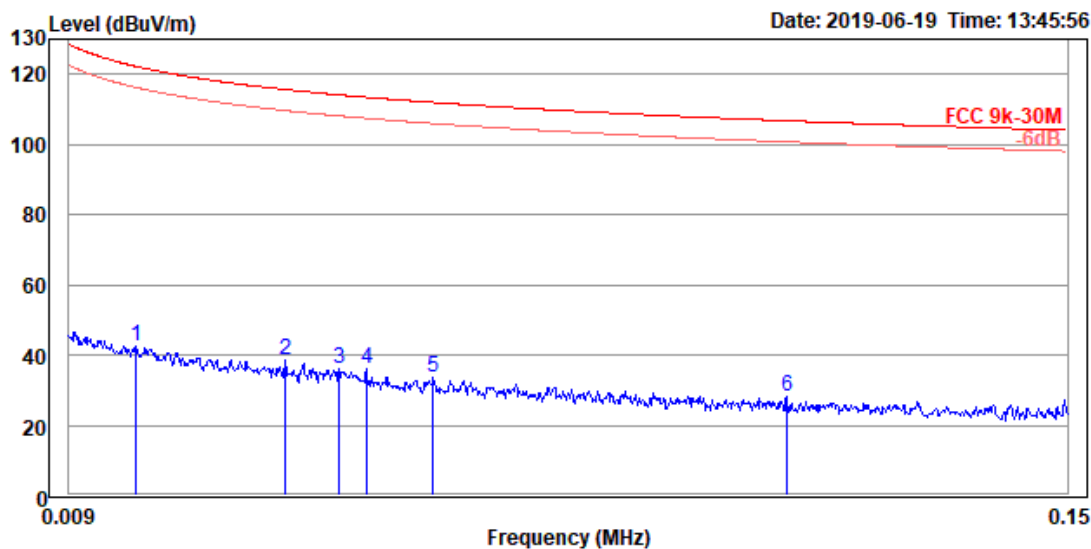
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G RX 2440
Memo : Z(平躺)

	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	27.06	27.04	0.02	40.00	-12.94	100	234	QP	
2	142.520	21.14	28.08	-6.94	43.50	-22.36	100	152	QP	
3	351.070	24.88	28.21	-3.33	46.00	-21.12	100	0	QP	
4	487.840	28.13	29.64	-1.51	46.00	-17.87	100	18	QP	
5	681.840	30.66	29.62	1.04	46.00	-15.34	100	220	QP	
6	965.080	36.07	30.35	5.72	54.00	-17.93	100	204	QP	

Spurious Emissions, RX Mode, 9K-30M(2.4GHz)

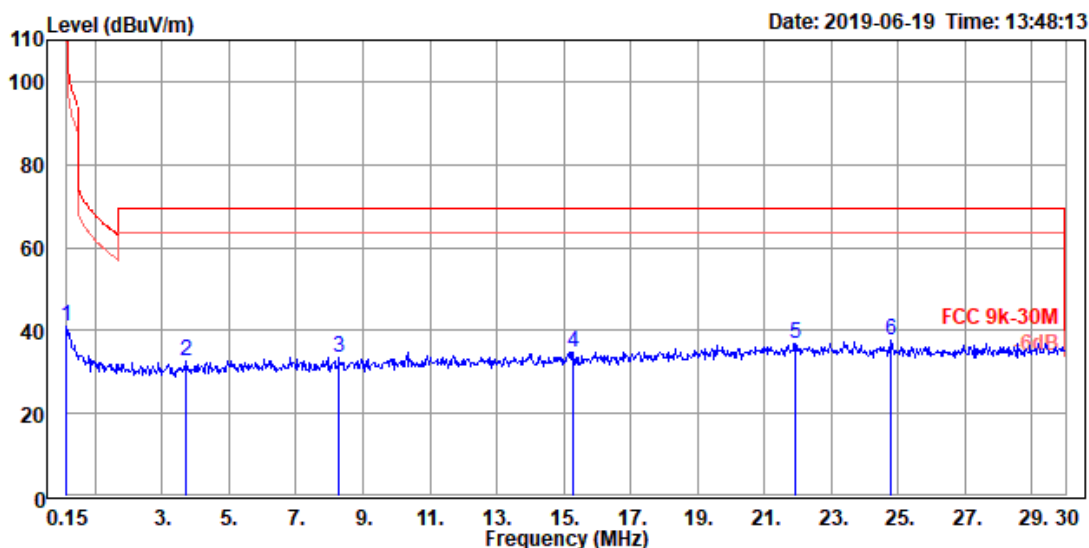


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Site : 966A Chamber A
Condition : FCC 9k-30M 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G RX 2440
Memo : 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	0.018	42.65	23.73	18.92	122.27	-79.62	100	302	QP	
2	0.040	38.42	19.23	19.19	115.64	-77.22	100	274	QP	
3	0.047	36.04	17.00	19.04	114.14	-78.10	100	180	QP	
4	0.051	35.91	16.94	18.97	113.44	-77.53	100	2	QP	
5	0.060	33.75	14.90	18.85	111.96	-78.21	100	130	QP	
6	0.110	28.31	9.90	18.41	106.74	-78.43	100	281	QP	



Site : 966A Chamber A
Condition : FCC 9k-30M 3m Horizontal
Test Engineer: Curry Chen
Product : Dual Mode Wireless Mouse
Model No. : NS-PMDM2019, NS-PMDM2019-C
Test Rating : DC 1.5V
Tmp/Hum : 21°C / 66%
Power Setting: default
Mode : 2.4G RX 2440
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	0.150	40.84	22.41	18.43	104.08	-63.24	100	16	QP	
2	3.732	32.47	13.52	18.95	69.50	-37.03	100	359	QP	
3	8.299	33.36	13.19	20.17	69.50	-36.14	100	254	QP	
4	15.284	34.74	13.61	21.13	69.50	-34.76	100	66	QP	
5	21.941	36.89	15.12	21.77	69.50	-32.61	100	10	QP	
6	24.806	37.48	15.61	21.87	69.50	-32.02	100	235	QP	