

Test Report No.50310420 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50310420 001AppendixD)

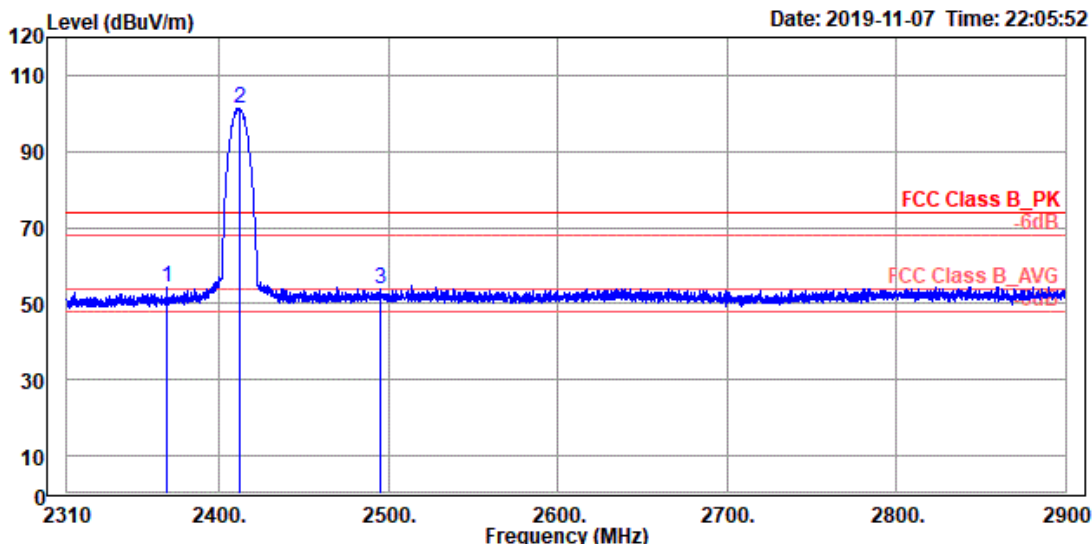
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Spurious Emissions, Band Edges

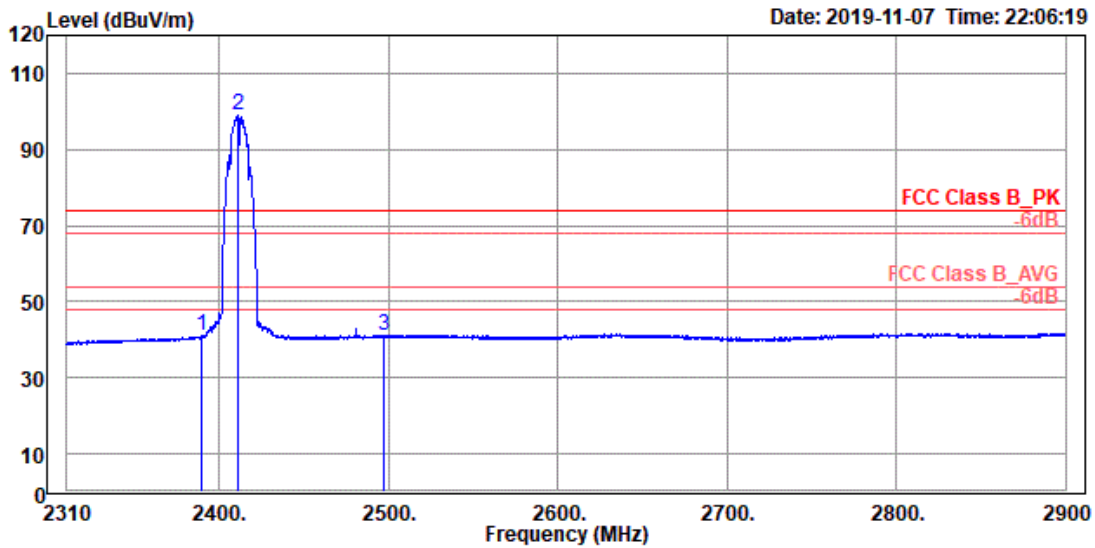


TUV Rheinland Waiwan Ltd.
 No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



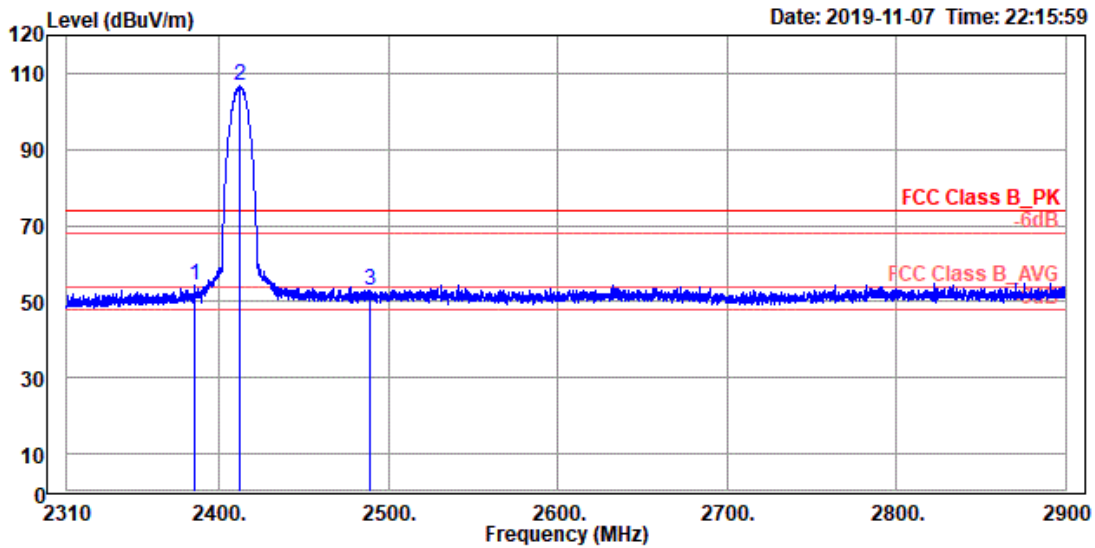
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2412MHz
 Powersetting : 32
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2369.354	54.38	17.01	37.37	74.00	-19.62	250	174	Peak
2 *	2411.952	101.51	63.98	37.53	74.00	27.51	250	174	Peak
3	2495.614	53.86	16.09	37.77	74.00	-20.14	250	174	Peak



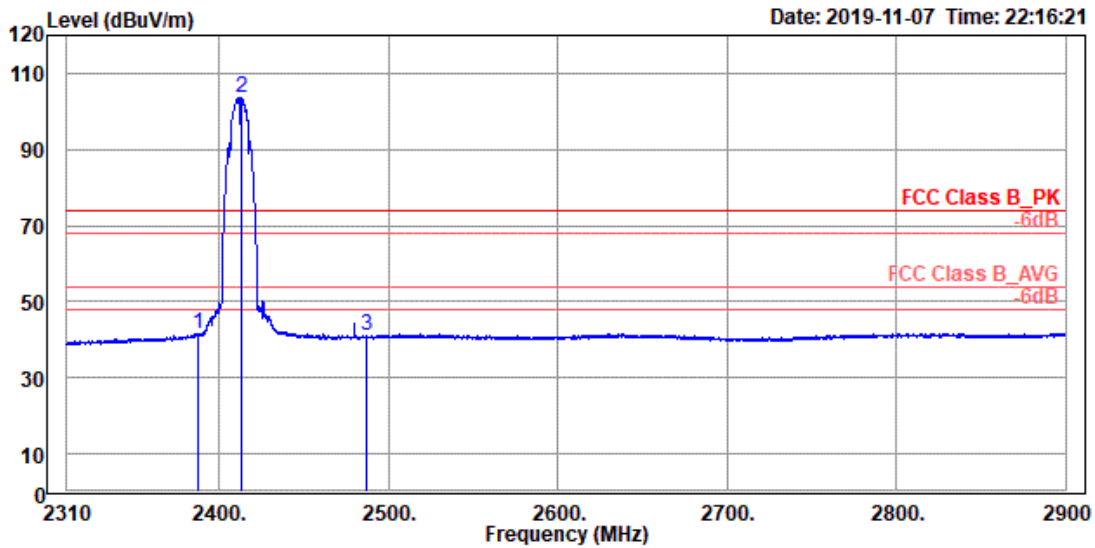
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2412MHz
 Powersetting : 32
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2389.768	40.84	3.41	37.43	54.00	-13.16	250	174	Average
2 *	2411.244	98.88	61.36	37.52	54.00	44.88	250	174	Average
3	2497.148	41.23	3.45	37.78	54.00	-12.77	250	174	Average



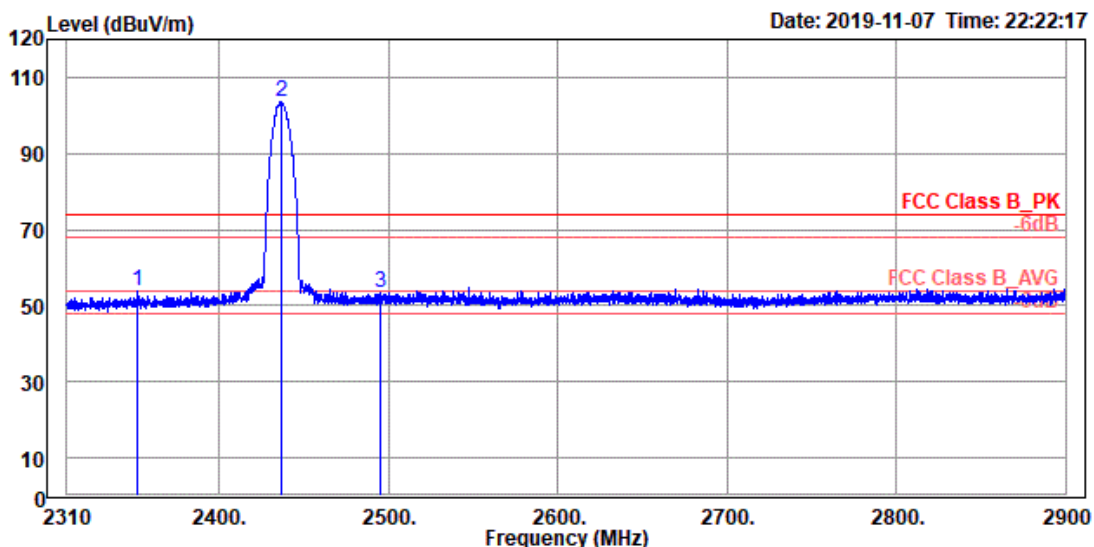
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2412MHz
 Powersetting : 32
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2385.520	54.32	16.90	37.42	74.00	-19.68	228	142	Peak
2 *	2411.952	106.57	69.04	37.53	74.00	32.57	228	142	Peak
3	2488.652	53.14	15.37	37.77	74.00	-20.86	228	142	Peak



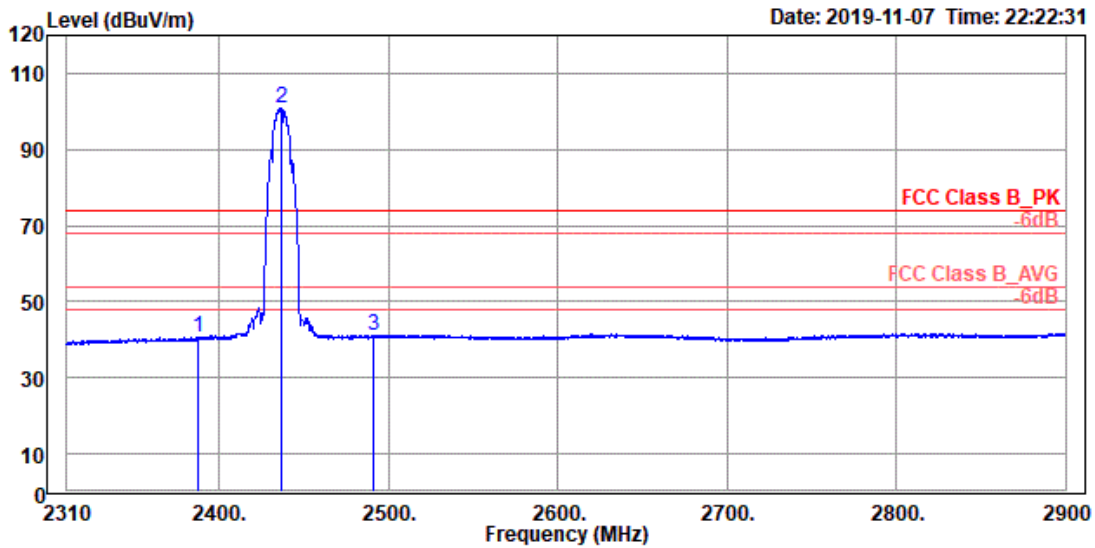
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2412MHz
 Powersetting : 32
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2387.762	41.57	4.14	37.43	54.00	-12.43	228	142	Average
2 *	2412.778	103.77	66.24	37.53	54.00	49.77	228	142	Average
3	2486.882	41.16	3.40	37.76	54.00	-12.84	228	142	Average



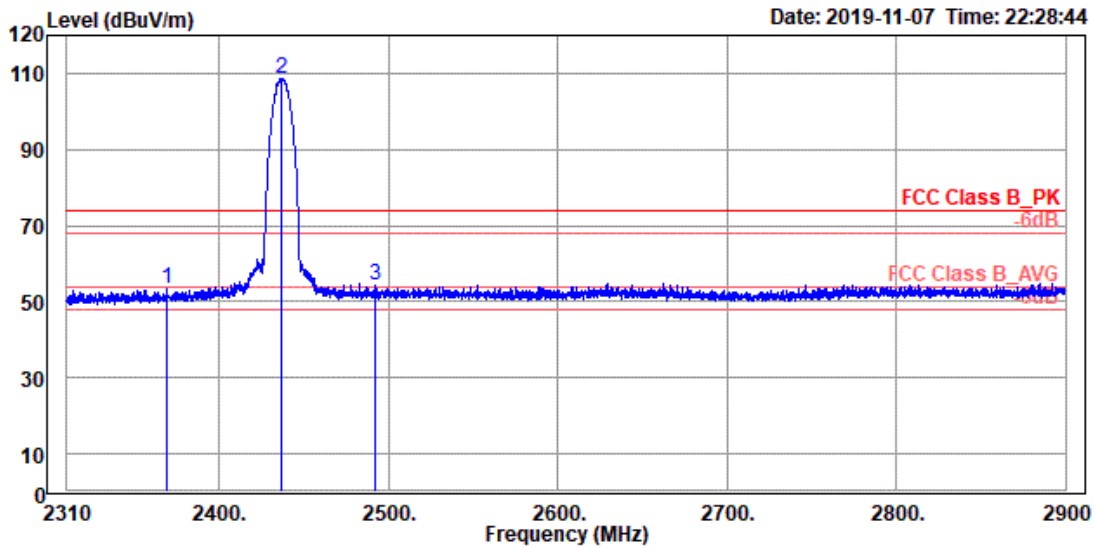
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2437MHz
 Powersetting : 38
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2352.008	53.87	16.56	37.31	74.00	-20.13	247	174	Peak
2 *	2436.850	103.52	65.86	37.66	74.00	29.52	247	174	Peak
3	2494.906	53.41	15.64	37.77	74.00	-20.59	247	174	Peak



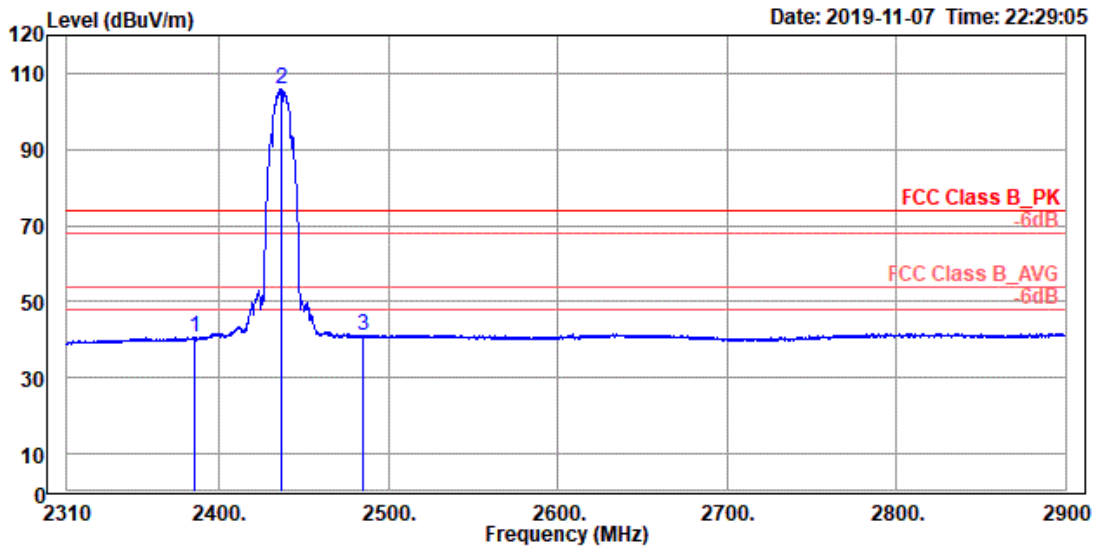
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2437MHz
 Powersetting : 38
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2387.290	40.81	3.39	37.42	54.00	-13.19	247	174	Average
2 *	2436.260	100.86	63.20	37.66	54.00	46.86	247	174	Average
3	2491.012	41.05	3.28	37.77	54.00	-12.95	247	174	Average



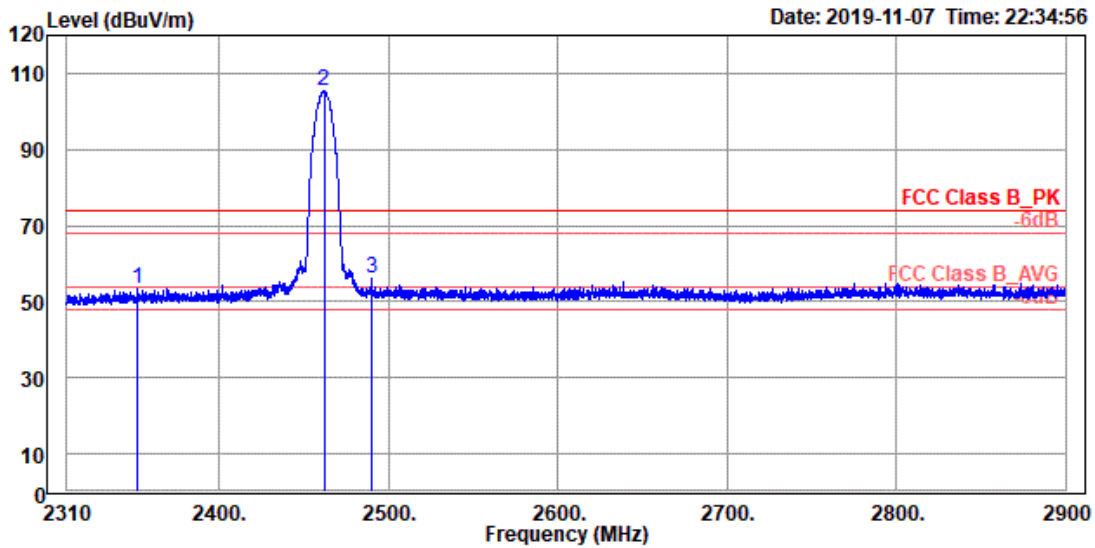
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2437MHz
 Powersetting : 38
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2369.118	53.37	16.00	37.37	74.00	-20.63	225	142	Peak
2 *	2437.086	108.75	71.09	37.66	74.00	34.75	225	142	Peak
3	2492.546	54.22	16.45	37.77	74.00	-19.78	225	142	Peak



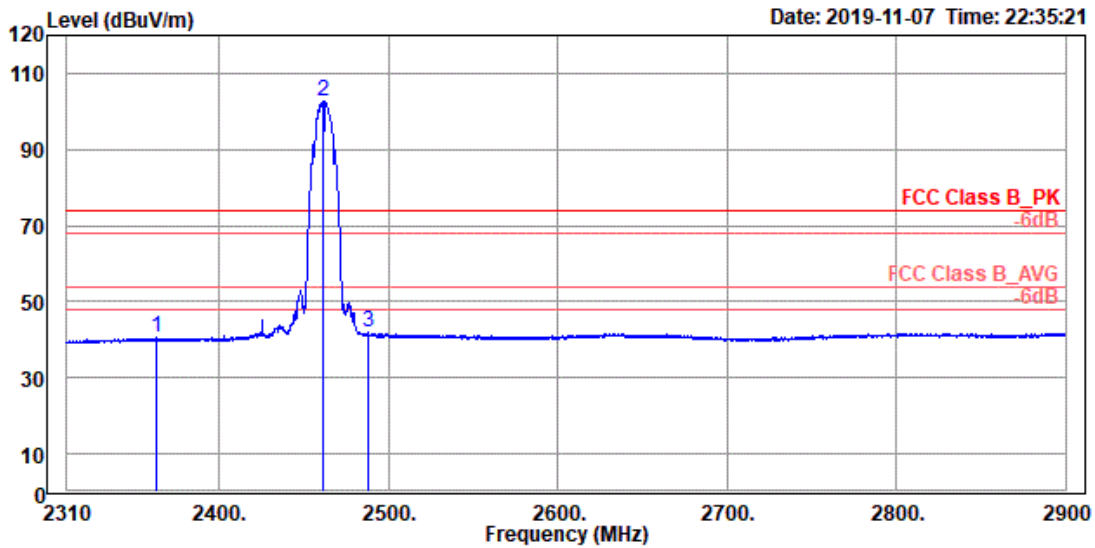
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2437MHz
 Powersetting : 38
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2385.402	40.59	3.17	37.42	74.00	-33.41	225	142	Peak
2 *	2436.260	105.67	68.01	37.66	74.00	31.67	225	142	Peak
3	2484.640	41.08	3.32	37.76	74.00	-32.92	225	142	Peak



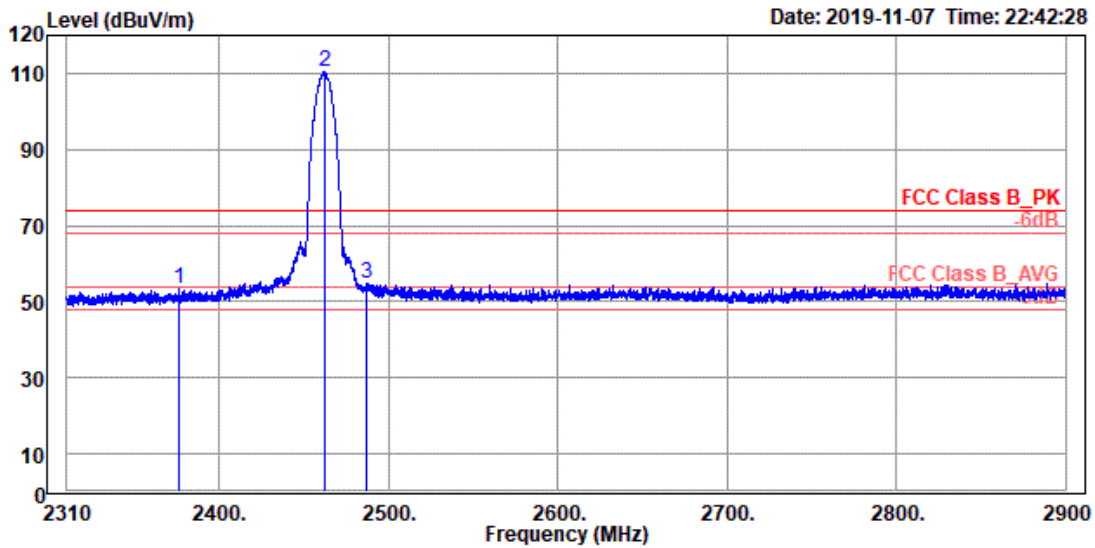
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2462MHz
 Powersetting : 48
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2351.182	53.22	15.91	37.31	74.00	-20.78	267	174	Peak
2 *	2461.866	105.49	67.75	37.74	74.00	31.49	267	174	Peak
3	2490.186	56.10	18.33	37.77	74.00	-17.90	267	174	Peak



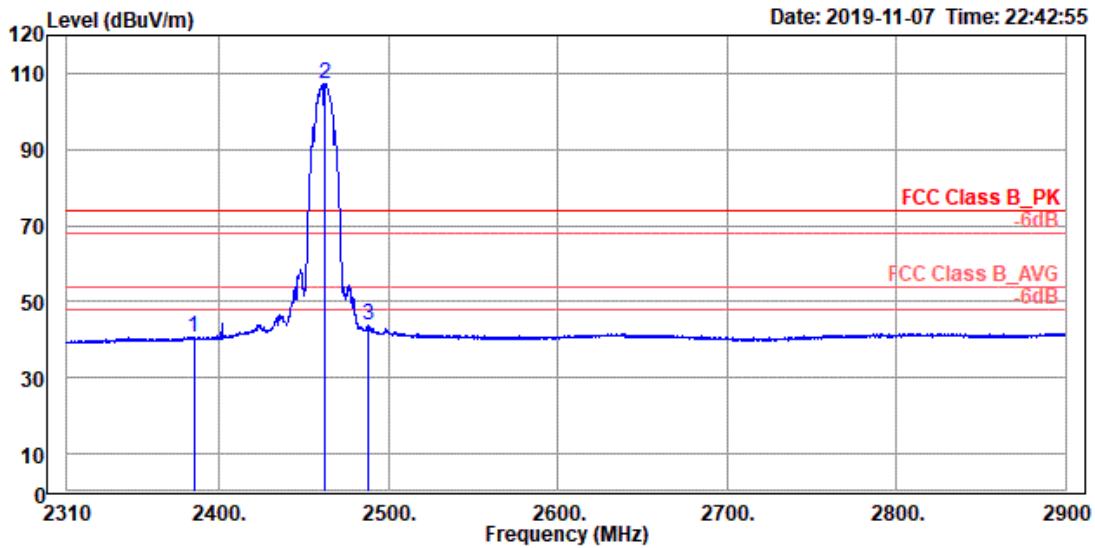
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2462MHz
 Powersetting : 48
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2363.218	40.44	3.09	37.35	54.00	-13.56	267	174	Average
2 *	2461.276	102.71	64.97	37.74	54.00	48.71	267	174	Average
3	2487.590	41.78	4.01	37.77	54.00	-12.22	267	174	Average



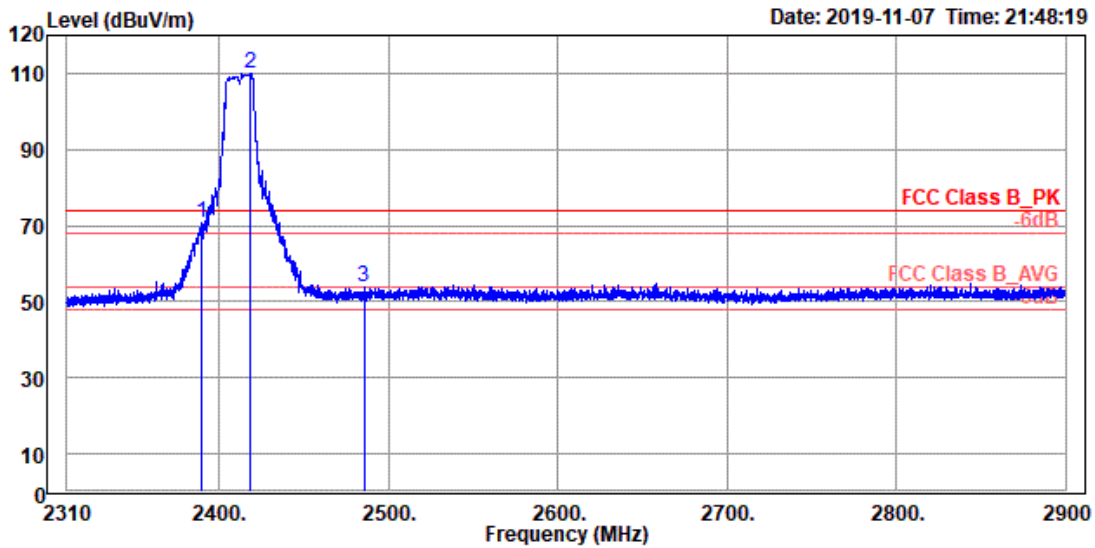
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2462MHz
 Powersetting : 48
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2376.434	53.34	15.95	37.39	74.00	-20.66	167	140	Peak
2 *	2461.984	110.27	72.53	37.74	74.00	36.27	167	140	Peak
3	2487.354	54.71	16.94	37.77	74.00	-19.29	167	140	Peak



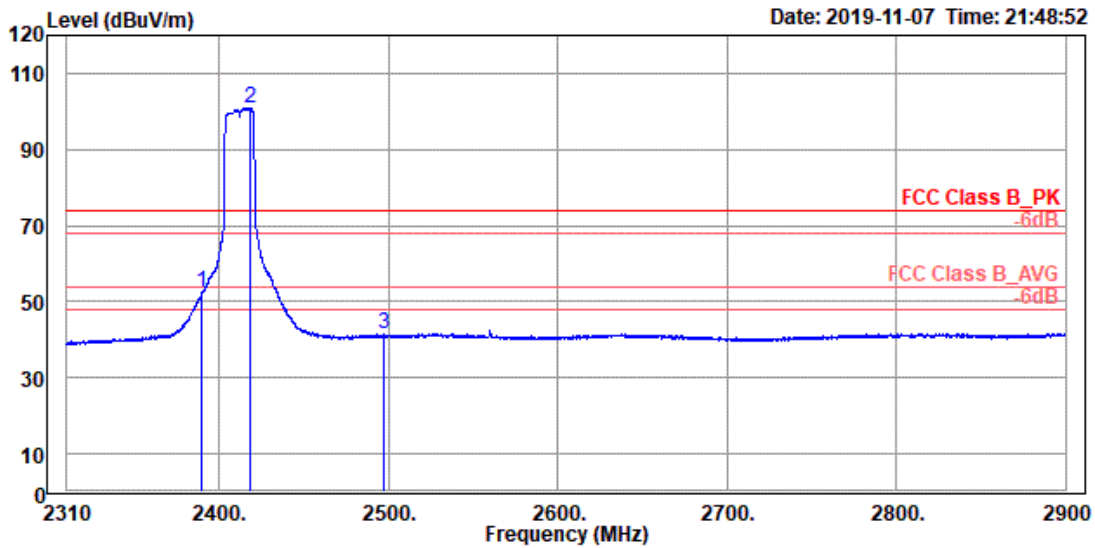
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2462MHz
 Powersetting : 48
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2384.930	40.80	3.38	37.42	74.00	-33.20	167	140	Peak
2 *	2462.692	107.44	69.70	37.74	74.00	33.44	167	140	Peak
3	2487.708	43.74	5.97	37.77	74.00	-30.26	167	140	Peak



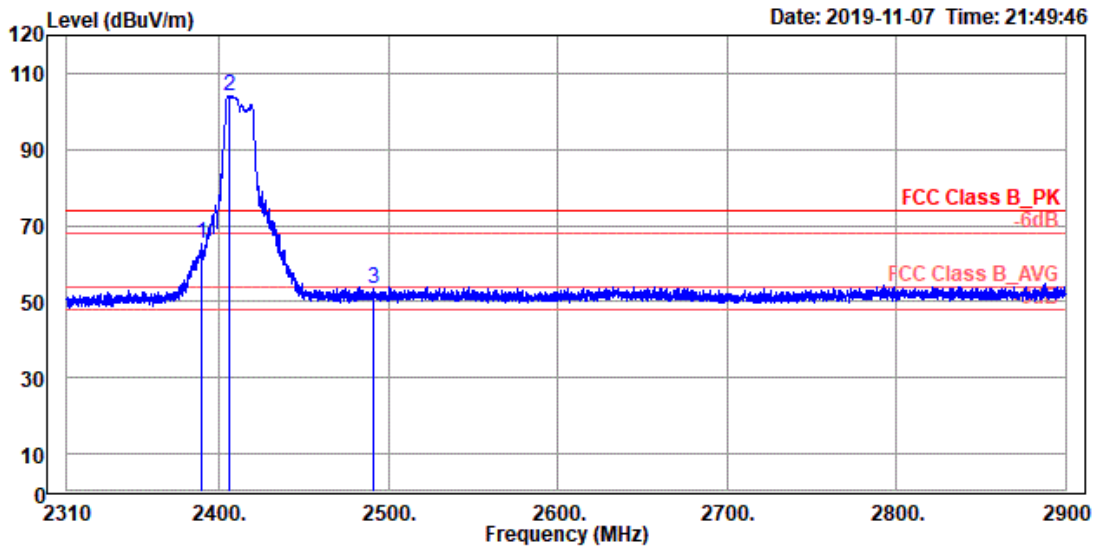
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2412MHz
 Powersetting : 51
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	2389.886	70.79	33.36	37.43	74.00	-3.21	230	153	Peak
2 *	2418.678	110.19	72.63	37.56	74.00	36.19	230	153	Peak
3	2485.466	53.65	15.89	37.76	74.00	-20.35	230	153	Peak



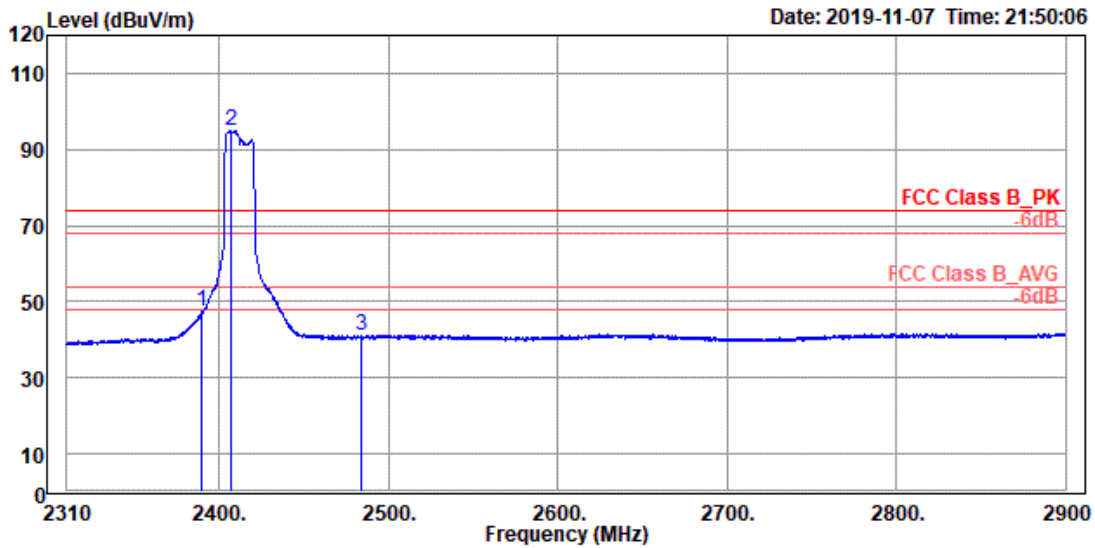
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2412MHz
 Powersetting : 51
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	2390.000	52.39	14.96	37.43	54.00	-1.61	230	153	Average
2 *	2418.678	100.94	63.38	37.56	54.00	46.94	230	153	Average
3	2497.738	41.38	3.60	37.78	54.00	-12.62	230	153	Average



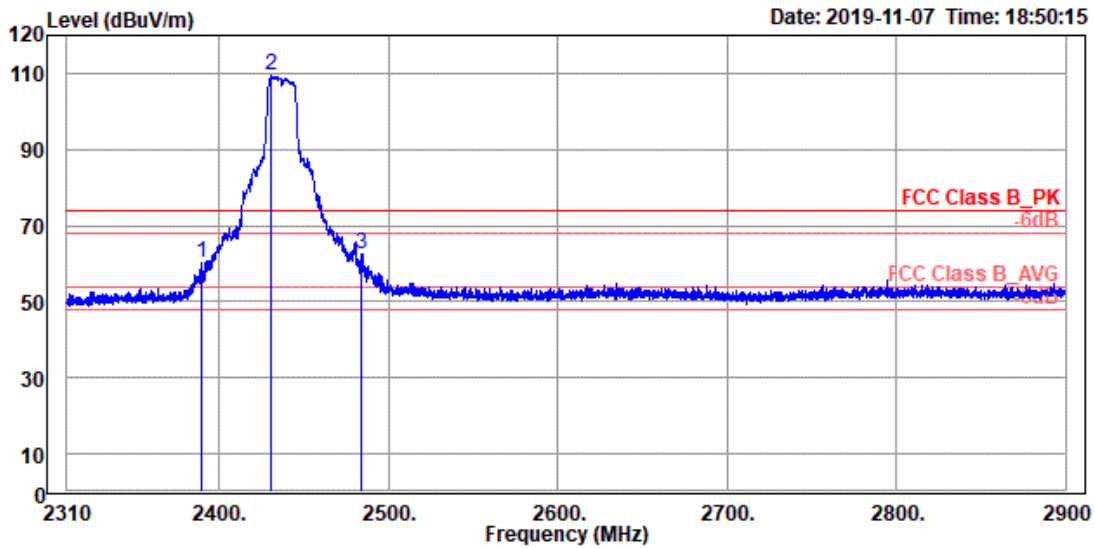
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2412MHz
 Powersetting : 51
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2389.768	65.17	27.74	37.43	74.00	-8.83	184	195	Peak
2 *	2405.580	104.23	66.74	37.49	74.00	30.23	184	195	Peak
3	2491.248	53.16	15.39	37.77	74.00	-20.84	184	195	Peak



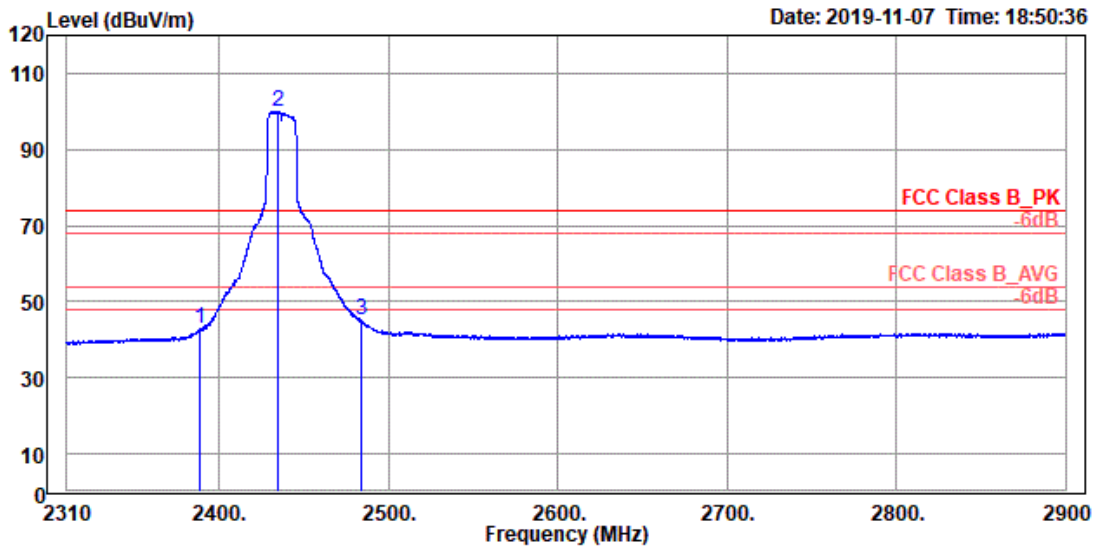
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2412MHz
 Powersetting : 51
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2390.000	47.26	9.83	37.43	54.00	-6.74	184	195	Average
2 *	2406.760	94.90	57.40	37.50	54.00	40.90	184	195	Average
3	2483.814	41.10	3.34	37.76	54.00	-12.90	184	195	Average



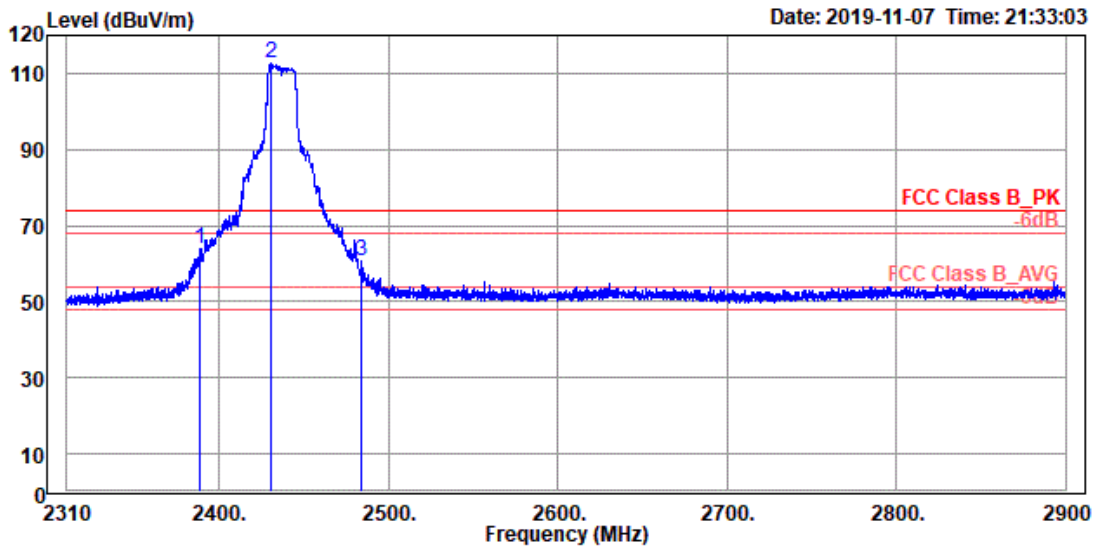
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2389.532	60.17	22.74	37.43	74.00	-13.83	137	150	Peak
2 *	2430.596	109.39	71.77	37.62	74.00	35.39	137	150	Peak
3	2483.932	62.49	24.73	37.76	74.00	-11.51	137	150	Peak



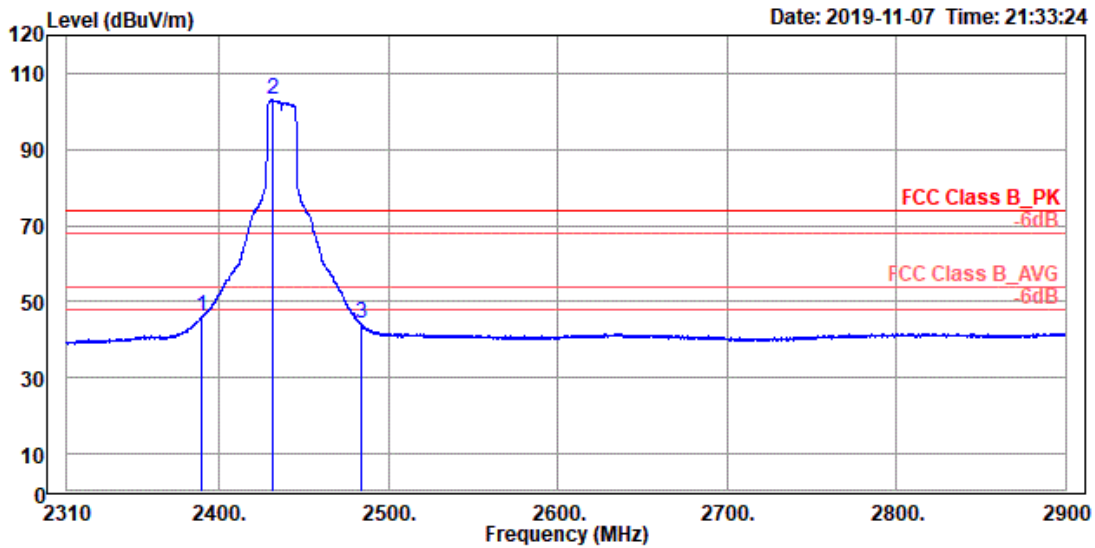
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2388.942	42.78	5.35	37.43	54.00	-11.22	137	150	Average
2 *	2434.372	100.08	62.44	37.64	54.00	46.08	137	150	Average
3	2483.932	45.15	7.39	37.76	54.00	-8.85	137	150	Average



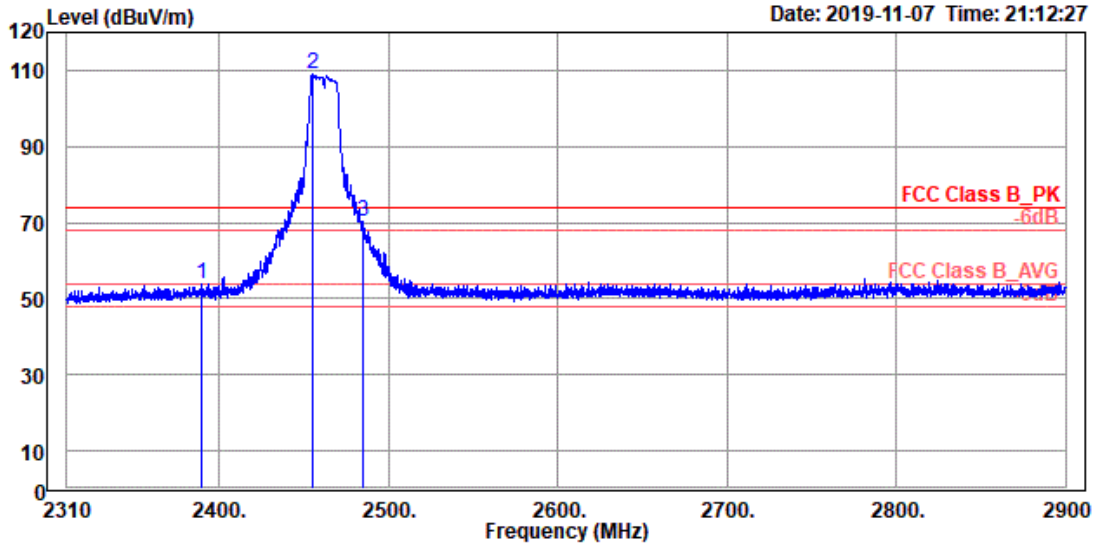
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2388.942	63.87	26.44	37.43	74.00	-10.13	213	36	Peak
2 *	2430.596	112.70	75.08	37.62	74.00	38.70	213	36	Peak
3	2484.286	60.49	22.73	37.76	74.00	-13.51	213	36	Peak



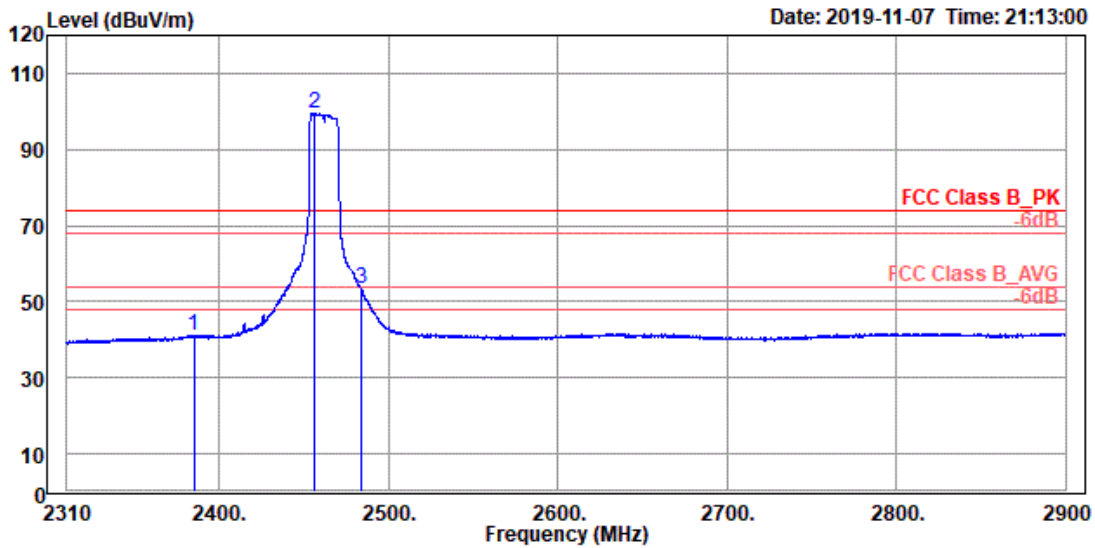
Site : 3m_Semi-Anechoic_Chamber(966_C)
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 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2390.000	46.00	8.57	37.43	54.00	-8.00	213	36	Average
2 *	2431.776	103.02	65.39	37.63	54.00	49.02	213	36	Average
3	2483.500	44.22	6.46	37.76	54.00	-9.78	213	36	Average



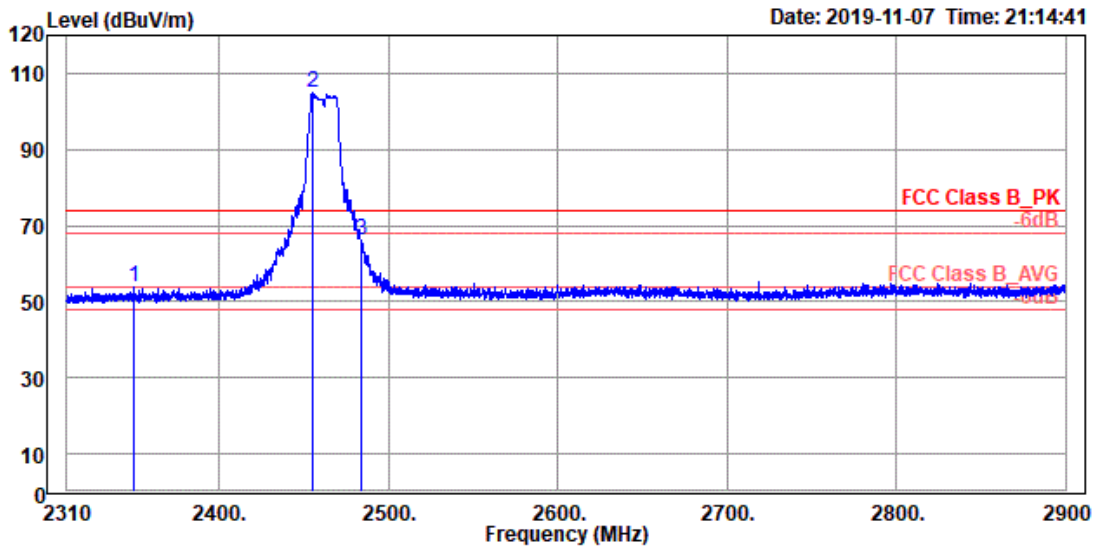
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2462MHz
 Powersetting : 56
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2389.768	53.91	16.48	37.43	74.00	-20.09	172	32	Peak
2 *	2455.612	109.02	71.29	37.73	74.00	35.02	172	32	Peak
3 !	2485.112	70.35	32.59	37.76	74.00	-3.65	172	32	Peak



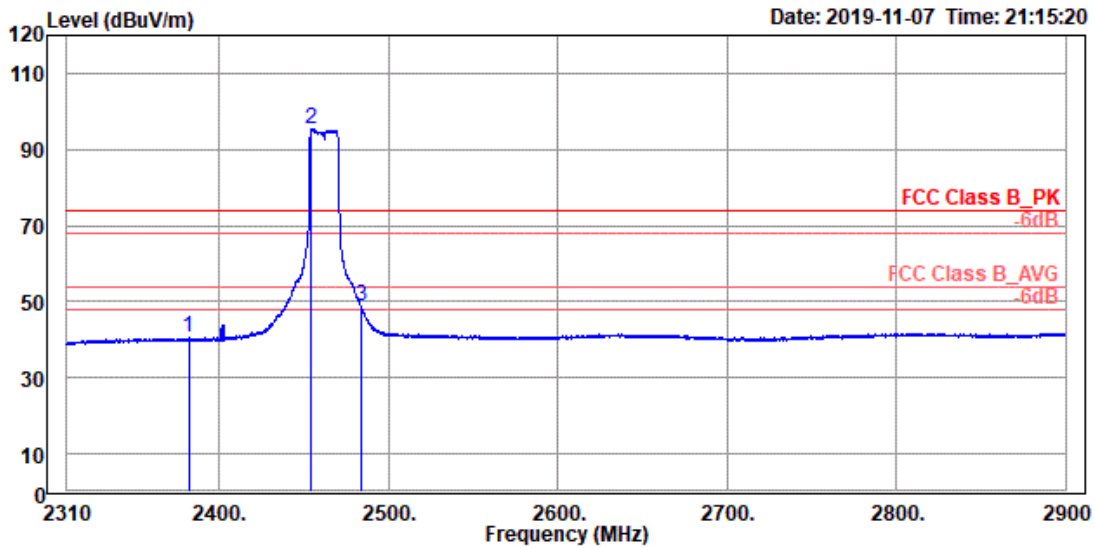
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2462MHz
 Powersetting : 56
 Test Rating : 110V 60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2384.930	41.26	3.84	37.42	54.00	-12.74	172	32	Average
2 *	2455.848	99.50	61.77	37.73	54.00	45.50	172	32	Average
3 !	2483.500	53.38	15.62	37.76	54.00	-0.62	172	32	Average



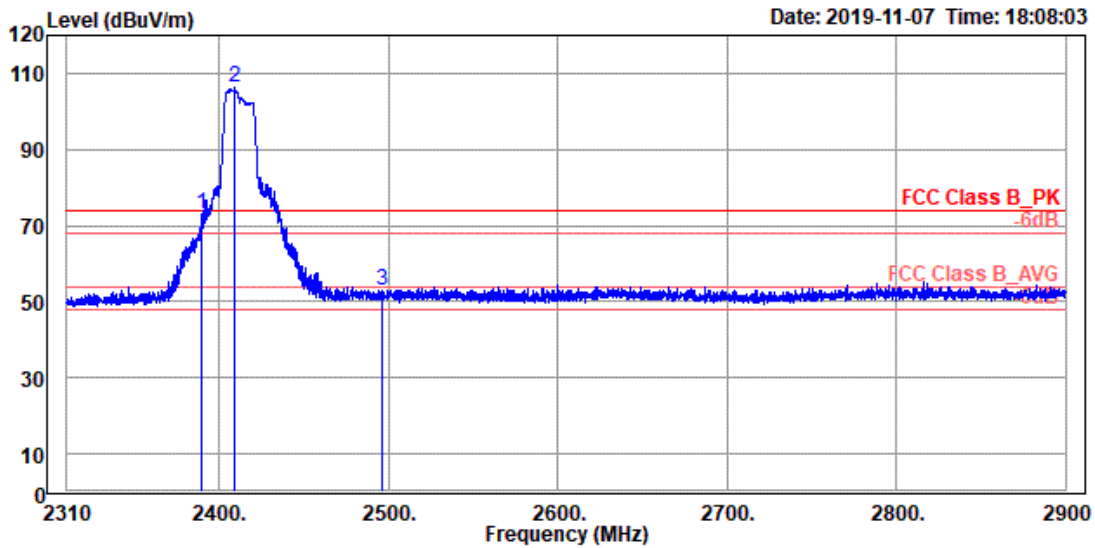
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2462MHz
 Powersetting : 56
 Test Rating : 110V 60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2349.412	53.74	16.44	37.30	74.00	-20.26	203	150	Peak
2 *	2455.612	104.74	67.01	37.73	74.00	30.74	203	150	Peak
3	2483.500	66.00	28.24	37.76	74.00	-8.00	203	150	Peak



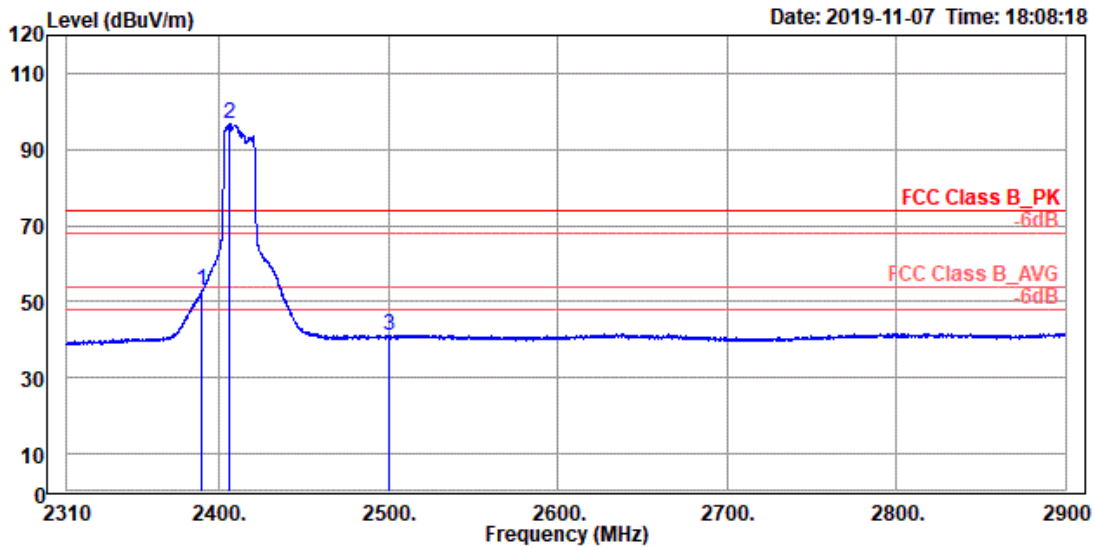
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2462MHz
 Powersetting : 56
 Test Rating : 110V 60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2381.862	40.54	3.14	37.40	54.00	-13.46	203	150	Average
2 *	2454.668	95.25	57.52	37.73	54.00	41.25	203	150	Average
3 !	2483.500	49.02	11.26	37.76	54.00	-4.98	203	150	Average



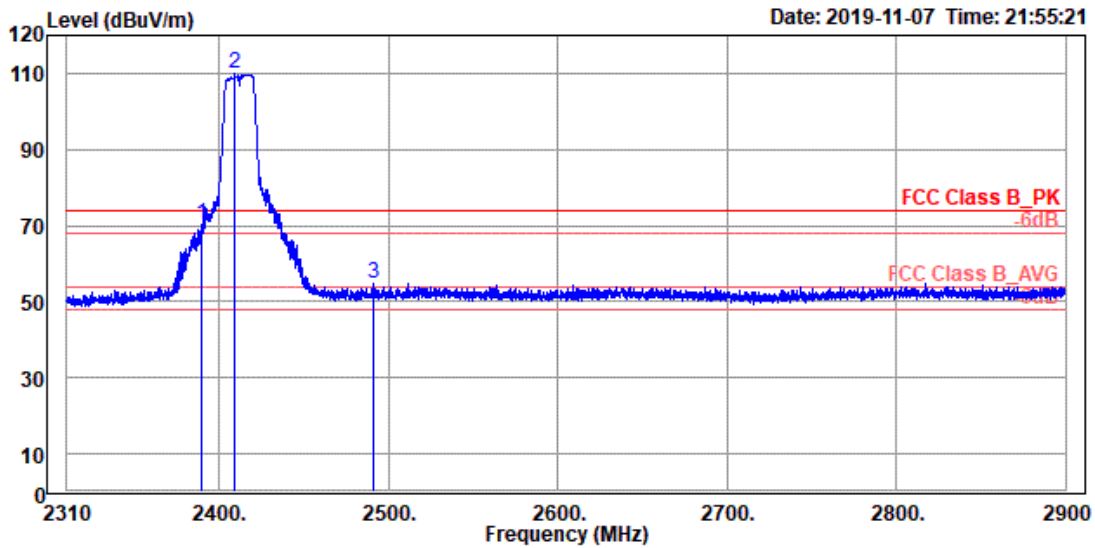
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 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2412MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	2390.000	73.19	35.76	37.43	74.00	-0.81	184	195	Peak
2 *	2409.002	106.35	68.84	37.51	74.00	32.35	184	195	Peak
3	2496.558	53.15	15.37	37.78	74.00	-20.85	184	195	Peak



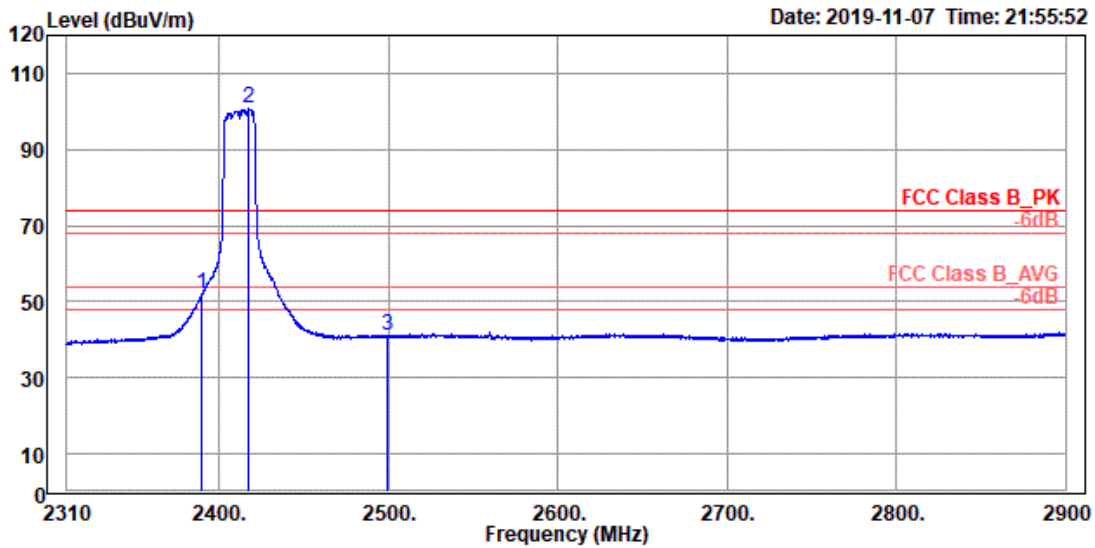
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2412MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	2389.886	52.88	15.45	37.43	54.00	-1.12	184	195	Average
2 *	2406.406	96.78	59.28	37.50	54.00	42.78	184	195	Average
3	2499.980	41.13	3.35	37.78	54.00	-12.87	184	195	Average



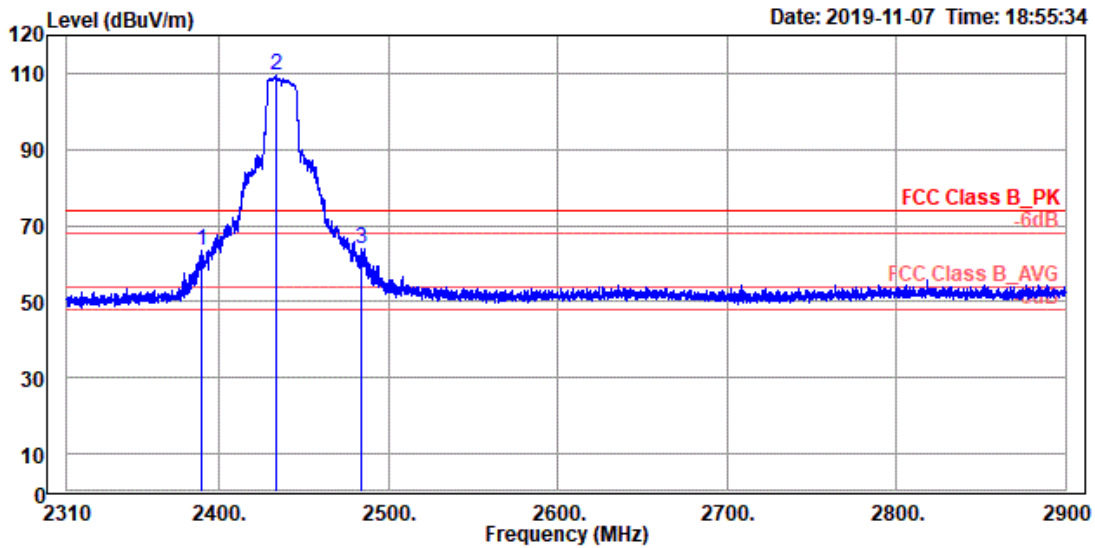
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2412MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	2389.650	70.17	32.74	37.43	74.00	-3.83	229	153	Peak
2 *	2409.120	109.99	72.48	37.51	74.00	35.99	229	153	Peak
3	2490.776	54.66	16.89	37.77	74.00	-19.34	229	153	Peak



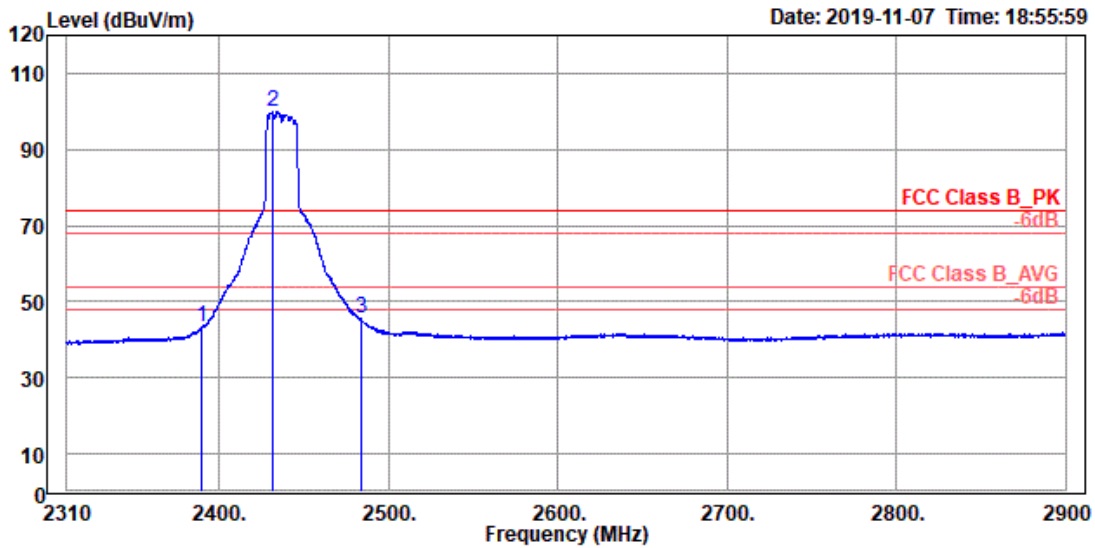
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2412MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	2390.000	52.13	14.70	37.43	54.00	-1.87	229	153	Average
2 *	2417.380	100.84	63.29	37.55	54.00	46.84	229	153	Average
3	2499.390	41.23	3.45	37.78	54.00	-12.77	229	153	Average



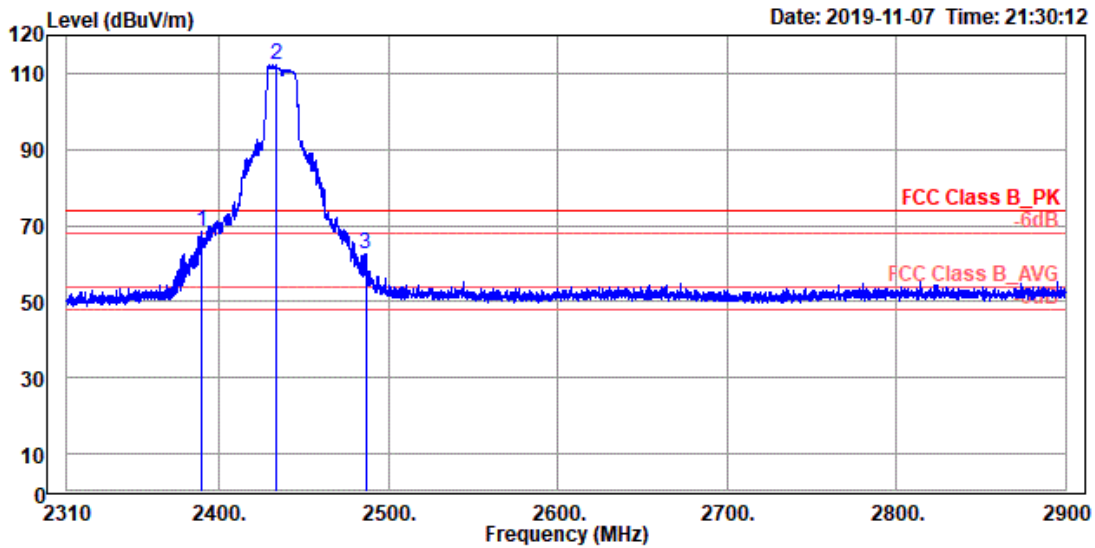
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2389.532	63.45	26.02	37.43	74.00	-10.55	137	150	Peak
2 *	2434.136	109.31	71.67	37.64	74.00	35.31	137	150	Peak
3	2483.578	63.94	26.18	37.76	74.00	-10.06	137	150	Peak



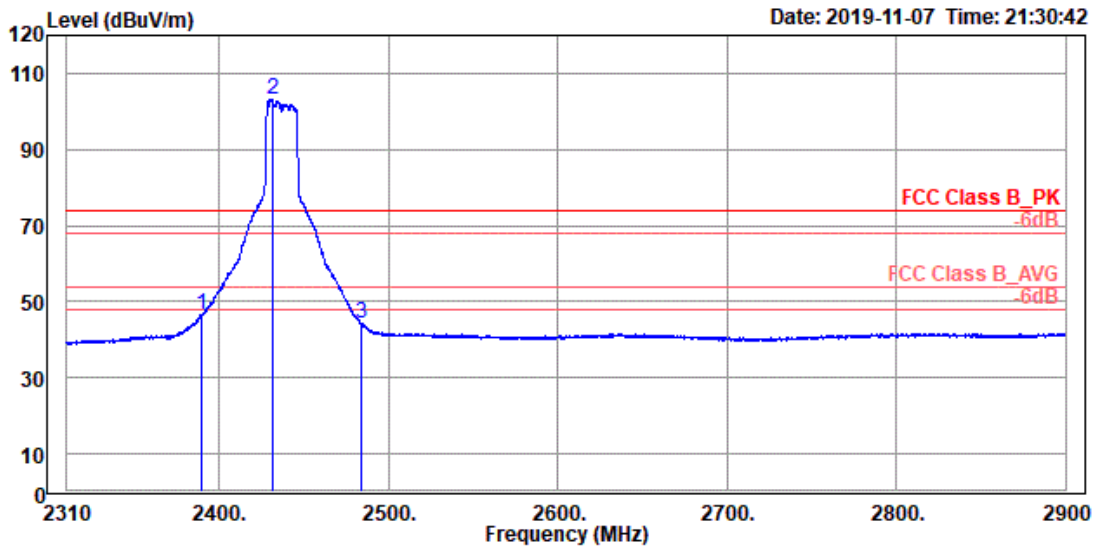
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2390.000	43.20	5.77	37.43	54.00	-10.80	137	150	Average
2 *	2431.422	99.92	62.29	37.63	54.00	45.92	137	150	Average
3	2483.500	45.41	7.65	37.76	54.00	-8.59	137	150	Average



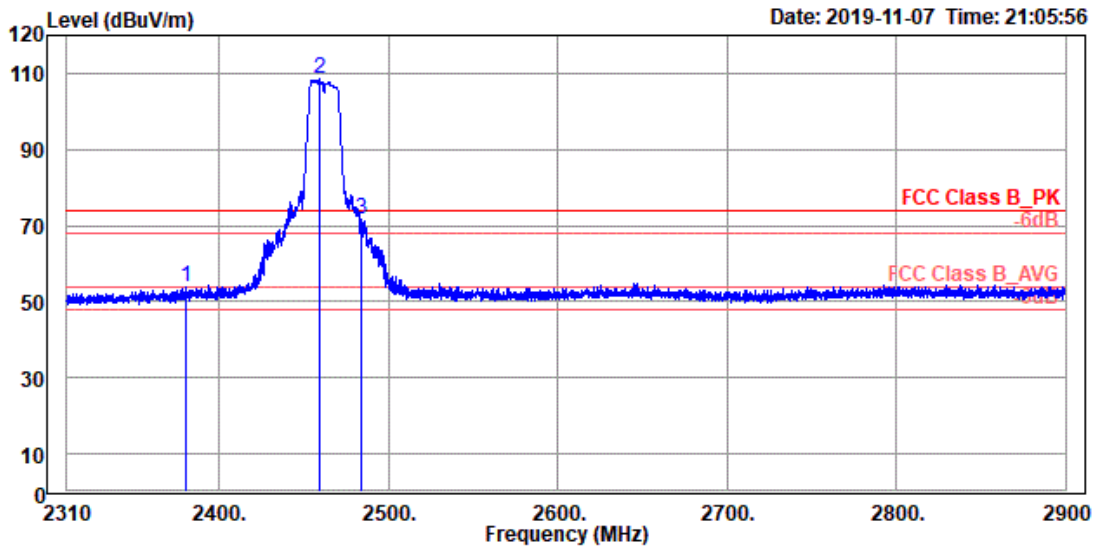
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	2390.000	68.31	30.88	37.43	74.00	-5.69	213	36	Peak
2 *	2434.018	112.14	74.50	37.64	74.00	38.14	213	36	Peak
3	2486.528	62.66	24.90	37.76	74.00	-11.34	213	36	Peak



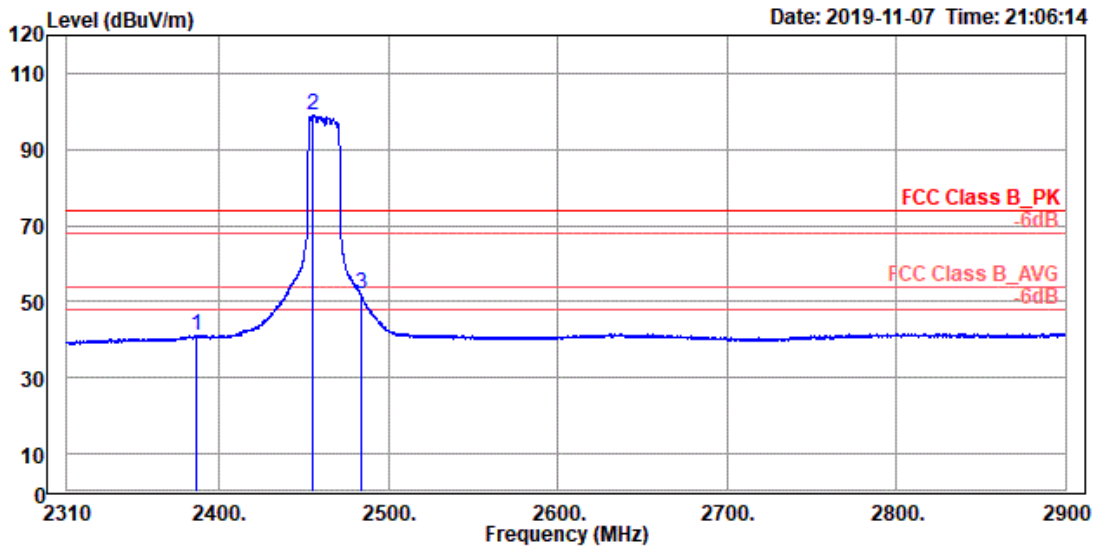
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2389.886	46.72	9.29	37.43	54.00	-7.28	213	36	Average
2 *	2431.422	103.04	65.41	37.63	54.00	49.04	213	36	Average
3	2483.696	44.35	6.59	37.76	54.00	-9.65	213	36	Average



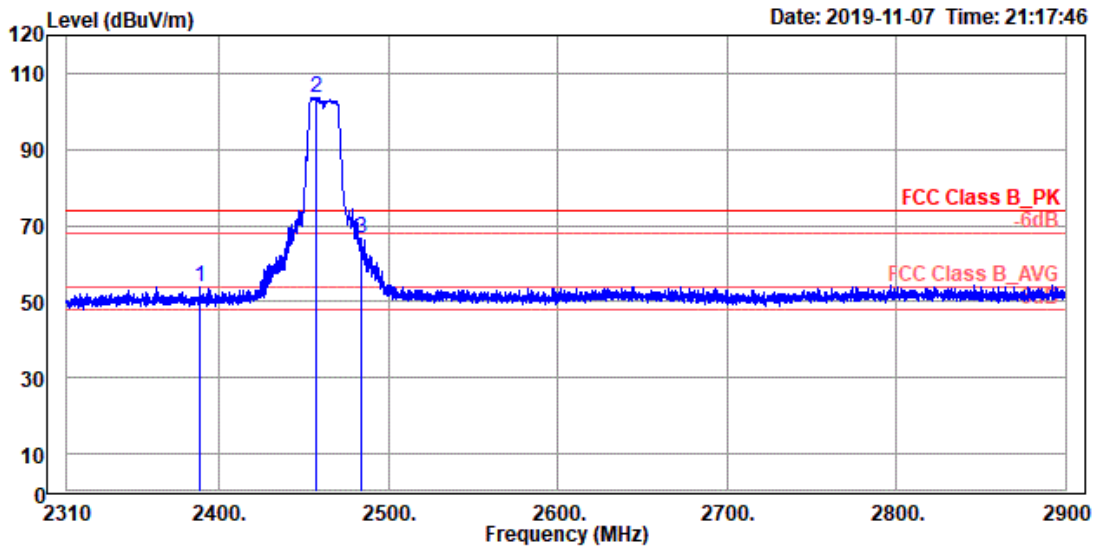
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2462MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2380.446	53.76	16.36	37.40	74.00	-20.24	173	32	Peak
2 *	2459.034	108.74	71.01	37.73	74.00	34.74	173	32	Peak
3 !	2483.578	71.43	33.67	37.76	74.00	-2.57	173	32	Peak



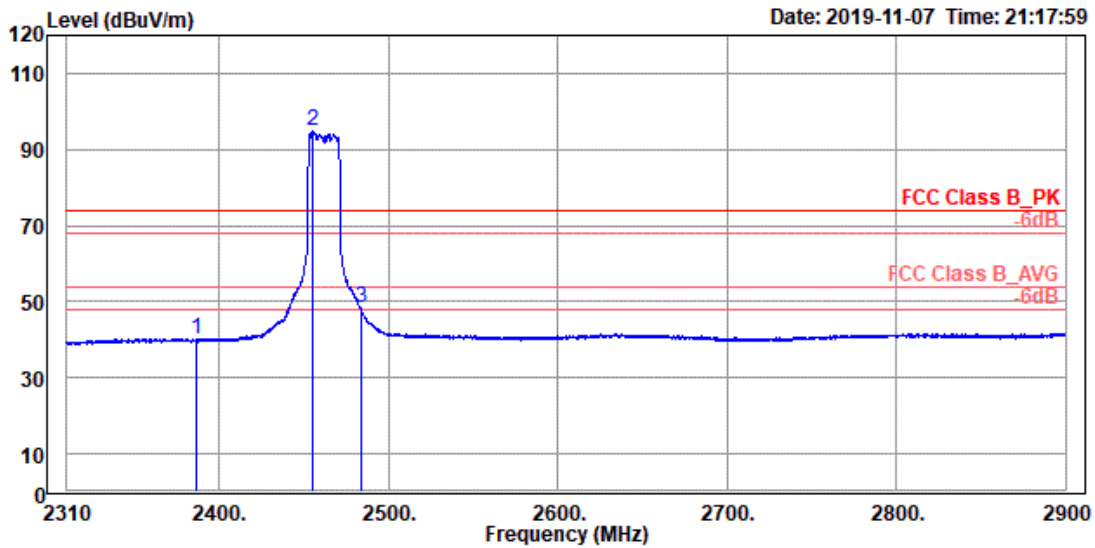
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2462MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2386.936	41.21	3.79	37.42	54.00	-12.79	173	32	Average
2 *	2454.904	99.06	61.33	37.73	54.00	45.06	173	32	Average
3 !	2483.696	51.87	14.11	37.76	54.00	-2.13	173	32	Average



Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2462MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2388.588	54.02	16.59	37.43	74.00	-19.98	201	150	Peak
2 *	2457.264	103.72	65.99	37.73	74.00	29.72	201	150	Peak
3	2483.500	66.47	28.71	37.76	74.00	-7.53	201	150	Peak



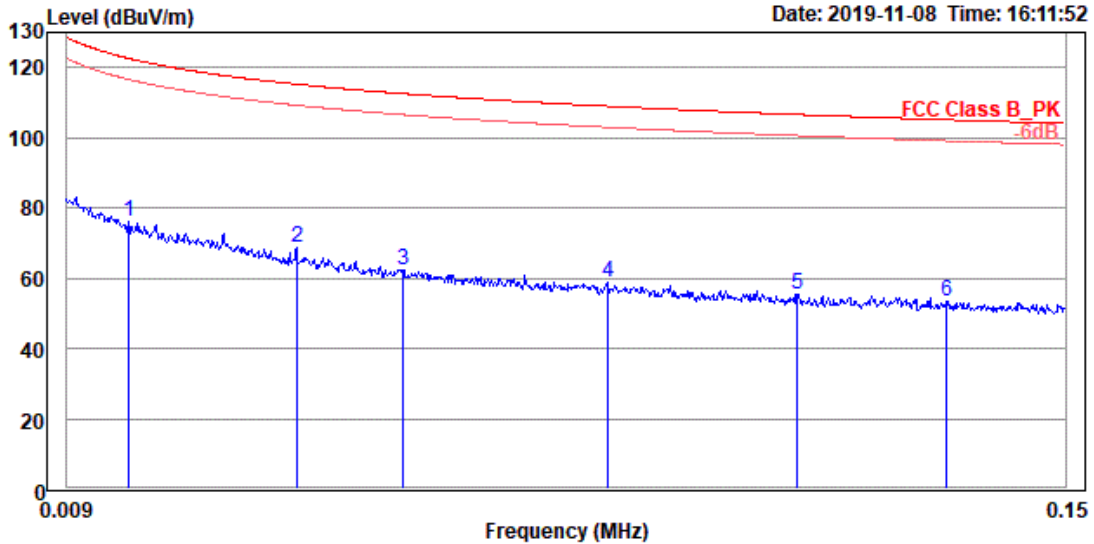
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK Horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2462MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2386.464	40.36	2.94	37.42	54.00	-13.64	201	150	Average
2 *	2454.904	94.74	57.01	37.73	54.00	40.74	201	150	Average
3 !	2483.500	48.29	10.53	37.76	54.00	-5.71	201	150	Average

Spurious Emissions, TX Mode, 9K-30M

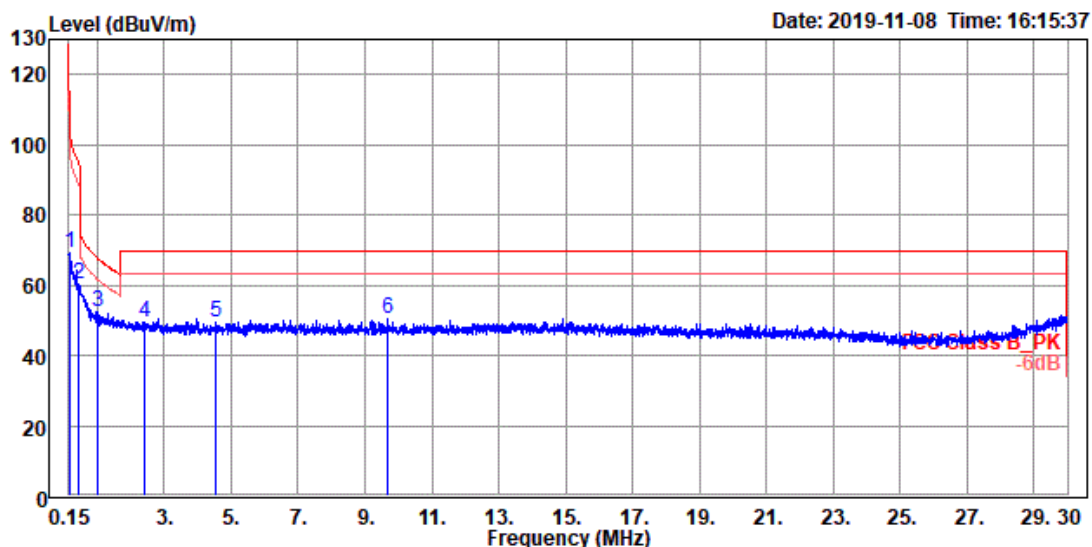


TUV Rheinland Waiwan Ltd.
 No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2462MHz
 Powersetting : 48
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	0.018	76.09	2.04	74.05	122.68	-46.59	100	360	QP
2	0.041	68.52	1.33	67.19	115.25	-46.73	100	180	QP
3	0.057	62.41	-1.73	64.14	112.55	-50.14	100	140	QP
4	0.085	58.72	-2.11	60.83	108.98	-50.26	100	187	QP
5	0.112	55.57	-2.97	58.54	106.60	-51.03	100	0	QP
6	0.133	53.47	-3.85	57.32	105.11	-51.64	100	163	QP



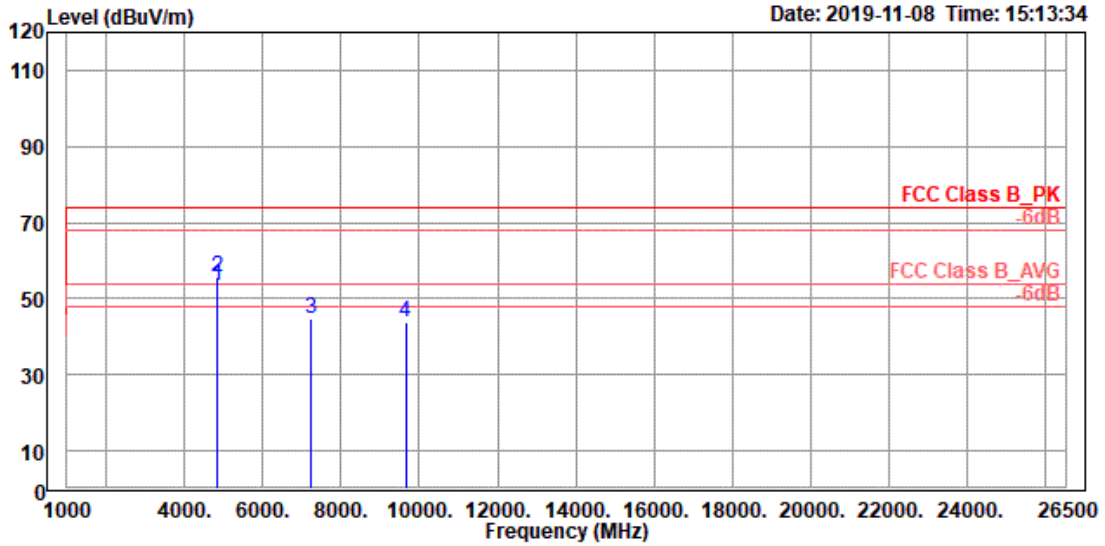
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2462MHz
 Powersetting : 48
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	0.168	68.99	13.68	55.31	103.10	-34.11	100	109	QP
2	0.454	60.09	12.59	47.50	94.45	-34.36	100	226	QP
3	0.986	52.16	12.04	40.12	67.73	-15.57	100	134	QP
4	2.401	49.55	11.04	38.51	69.50	-19.95	100	279	QP
5	4.532	49.27	10.94	38.33	69.50	-20.23	100	33	QP
6	9.660	50.35	12.69	37.66	69.50	-19.15	100	153	QP

Spurious Emissions, TX Mode, 1G-26.5G

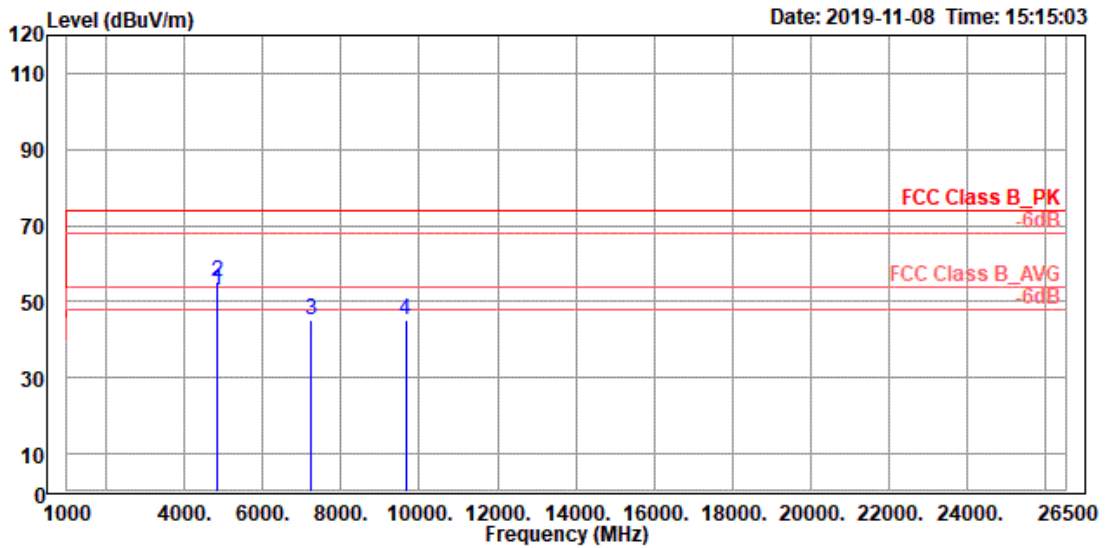


TUV Rheinland Waiwan Ltd.
 No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



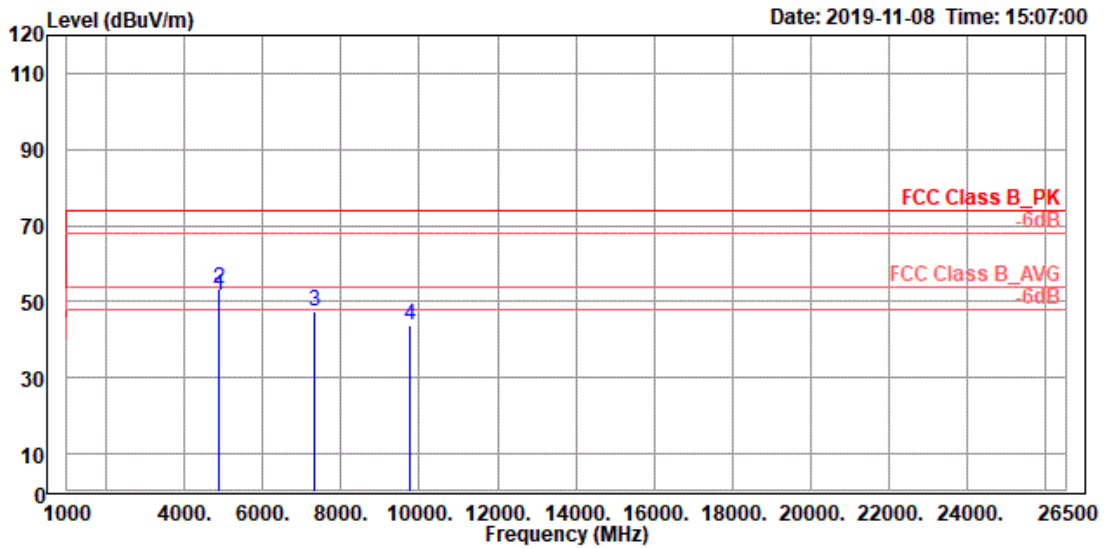
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2412MHz
 Powersetting : 32
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	4824.000	53.35	63.39	-10.04	54.00	-0.65	191	138	Average
2	4824.000	55.52	65.56	-10.04	74.00	-18.48	191	138	Peak
3	7235.000	44.57	52.31	-7.74	74.00	-29.43	200	63	Peak
4	9648.000	43.60	48.76	-5.16	74.00	-30.40	200	319	Peak



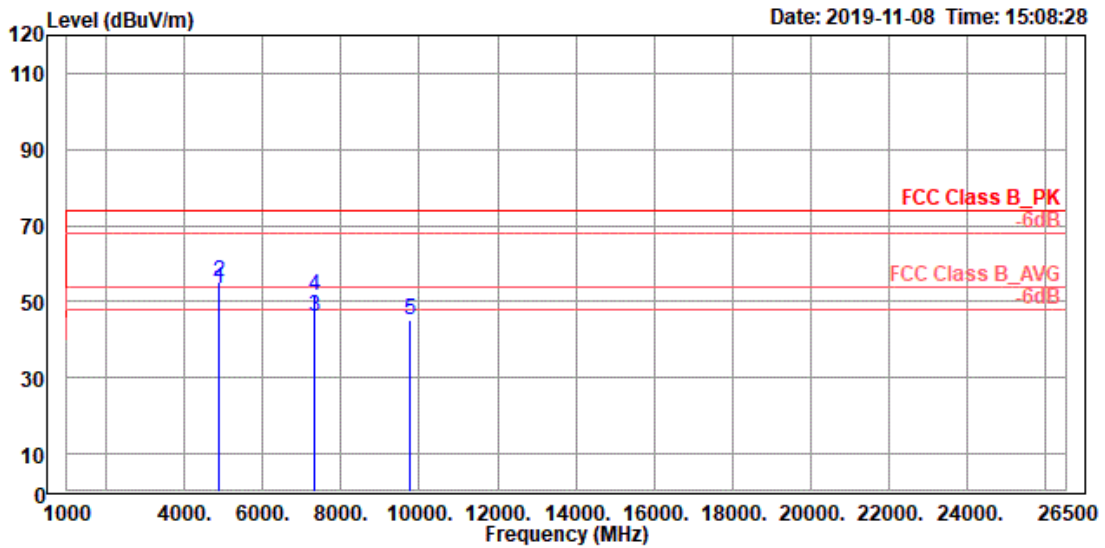
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2412MHz
 Powersetting : 32
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read	Limit	Over	APos	TPos	Remark
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg
			dBuV	dB/m	dBuV/m	dB		
1 !	4824.000	53.08	63.12	-10.04	54.00	-0.92	188	159 Average
2	4824.000	55.15	65.19	-10.04	74.00	-18.85	188	159 Peak
3	7235.000	45.36	53.10	-7.74	74.00	-28.64	200	211 Peak
4	9648.000	45.27	50.43	-5.16	74.00	-28.73	200	339 Peak



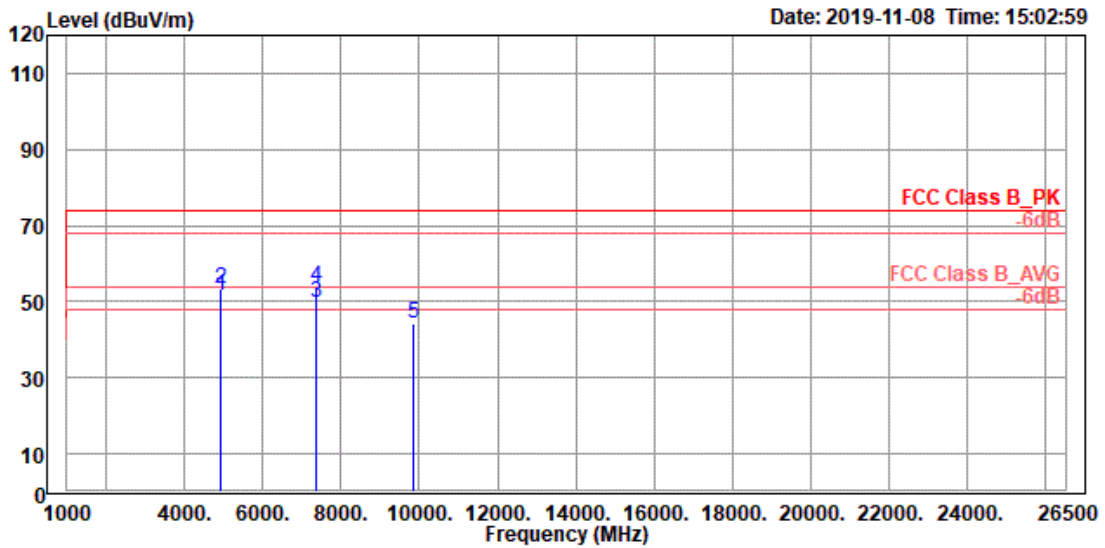
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2437MHz
 Powersetting : 38
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	4874.000	51.44	61.49	-10.05	54.00	-2.56	293	220	Average
2	4874.000	53.58	63.63	-10.05	74.00	-20.42	293	220	Peak
3	7311.000	47.57	55.31	-7.74	74.00	-26.43	100	360	Peak
4	9748.000	43.59	48.56	-4.97	74.00	-30.41	100	211	Peak



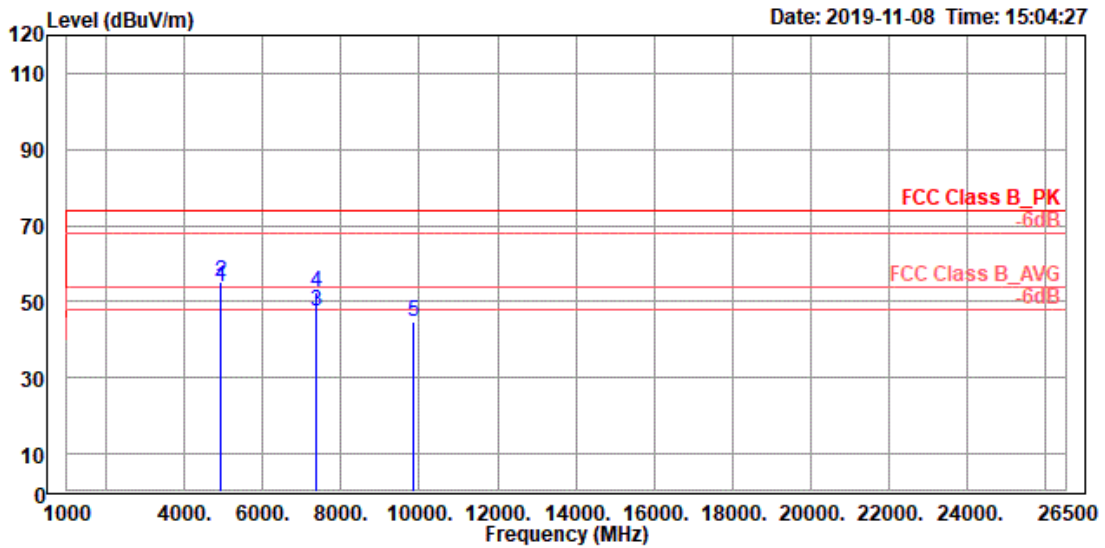
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2437MHz
 Powersetting : 38
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	4874.000	53.57	63.62	-10.05	54.00	-0.43	143	166	Average
2	4874.000	55.00	65.05	-10.05	74.00	-19.00	143	166	Peak
3	7311.000	46.07	53.81	-7.74	54.00	-7.93	206	208	Average
4	7311.000	51.48	59.22	-7.74	74.00	-22.52	206	208	Peak
5	9748.000	45.10	50.07	-4.97	74.00	-28.90	200	322	Peak



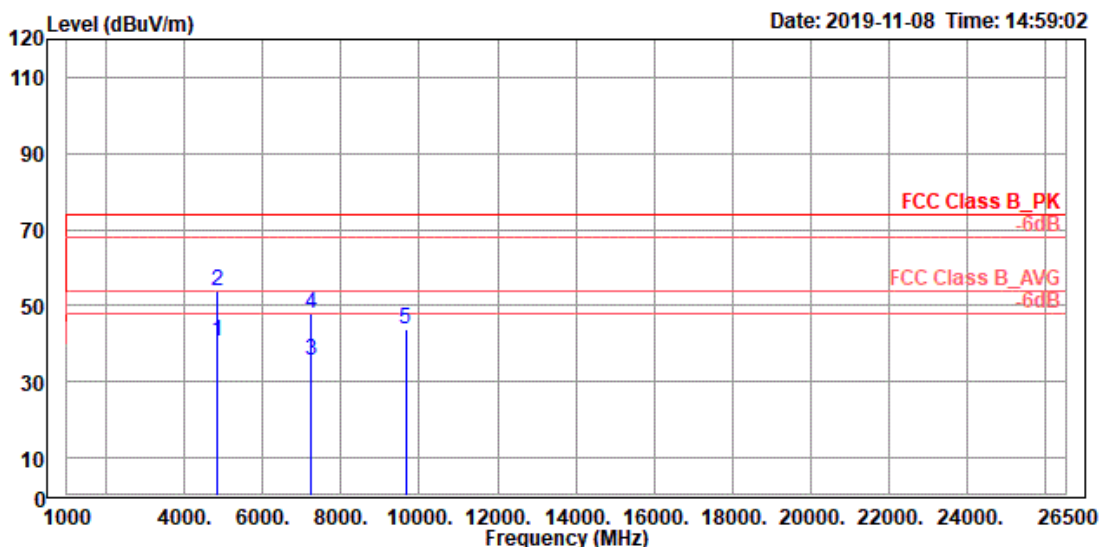
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2462MHz
 Powersetting : 48
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	4924.000	51.60	61.62	-10.02	54.00	-2.40	100	232	Average
2	4924.000	53.49	63.51	-10.02	74.00	-20.51	100	232	Peak
3 !	7386.000	49.85	57.59	-7.74	54.00	-4.15	100	67	Average
4	7386.000	53.75	61.49	-7.74	74.00	-20.25	100	67	Peak
5	9848.000	44.03	48.81	-4.78	74.00	-29.97	200	161	Peak



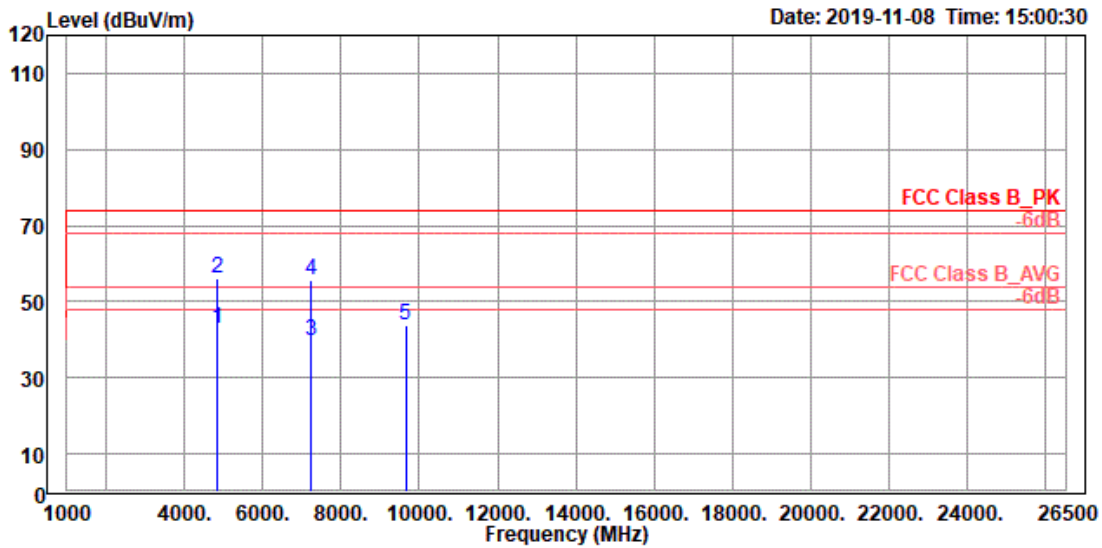
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2462MHz
 Powersetting : 48
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 !	4924.000	53.68	63.70	-10.02	54.00	-0.32	200	157	Average
2	4924.000	55.34	65.36	-10.02	74.00	-18.66	200	157	Peak
3	7386.000	47.30	55.04	-7.74	54.00	-6.70	300	208	Average
4	7386.000	52.34	60.08	-7.74	74.00	-21.66	300	208	Peak
5	9848.000	44.66	49.44	-4.78	74.00	-29.34	100	328	Peak



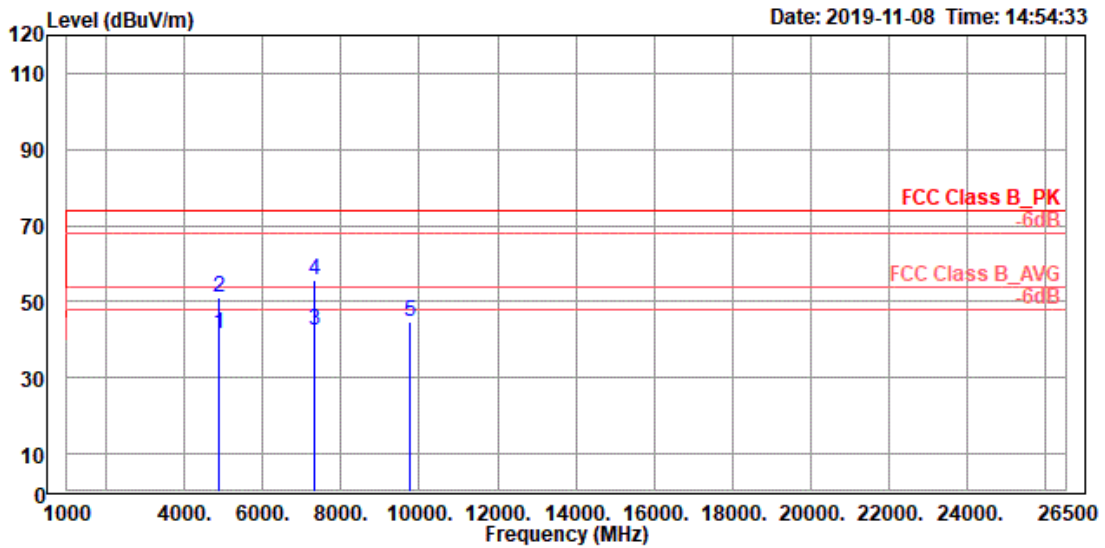
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2412MHz
 Powersetting : 51
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4824.000	40.49	50.53	-10.04	54.00	-13.51	300	154	Average
2	4824.000	53.79	63.83	-10.04	74.00	-20.21	300	154	Peak
3	7235.000	35.46	43.20	-7.74	54.00	-18.54	300	0	Average
4	7235.000	47.95	55.69	-7.74	74.00	-26.05	300	0	Peak
5	9648.000	43.99	49.15	-5.16	74.00	-30.01	175	360	Peak



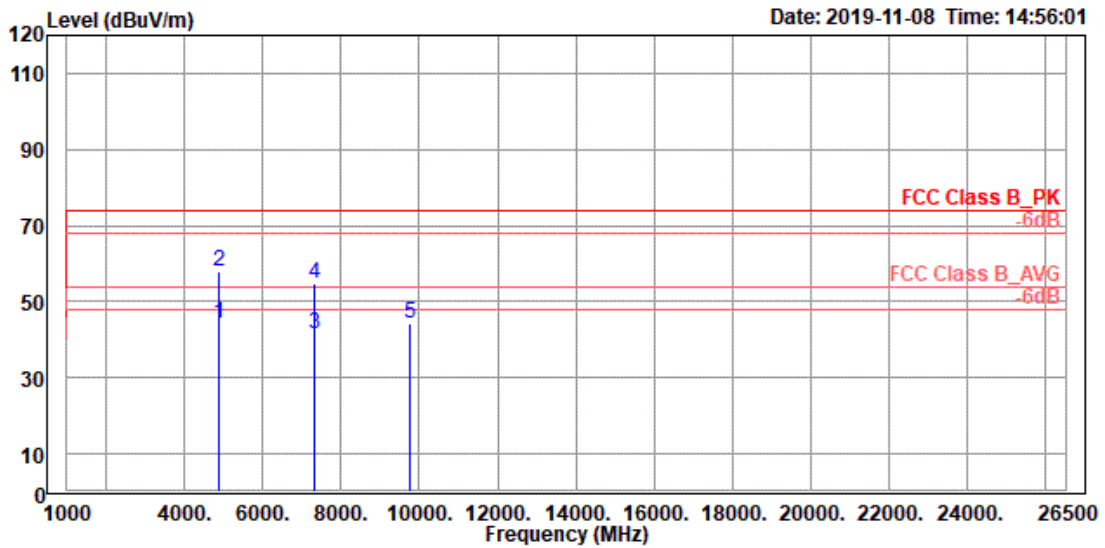
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2412MHz
 Powersetting : 51
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBUV/m	dBUV	dB/m	dBUV/m	dB	cm	deg	
1	4824.000	42.88	52.92	-10.04	54.00	-11.12	160	167	Average
2	4824.000	56.23	66.27	-10.04	74.00	-17.77	160	167	Peak
3	7236.000	39.75	47.49	-7.74	54.00	-14.25	200	199	Average
4	7236.000	55.73	63.47	-7.74	74.00	-18.27	200	199	Peak
5	9648.000	43.79	48.95	-5.16	74.00	-30.21	200	334	Peak



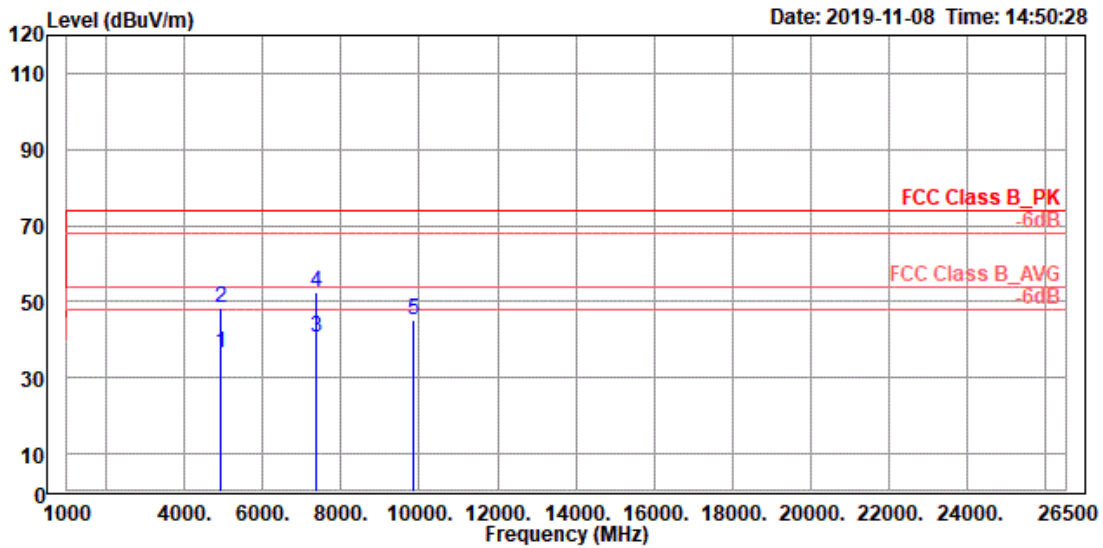
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBUV/m	dBUV	dB/m	dBUV/m	dB	cm	deg	
1	4874.000	41.66	51.71	-10.05	74.00	-32.34	200	118	Peak
2	4874.000	51.05	542.43	-491.38	74.00	-22.95	200	118	Peak
3	7311.000	42.41	50.15	-7.74	54.00	-11.59	200	52	Average
4	7311.000	55.84	63.58	-7.74	74.00	-18.16	200	52	Peak
5	9748.000	44.50	49.47	-4.97	74.00	-29.50	100	348	Peak



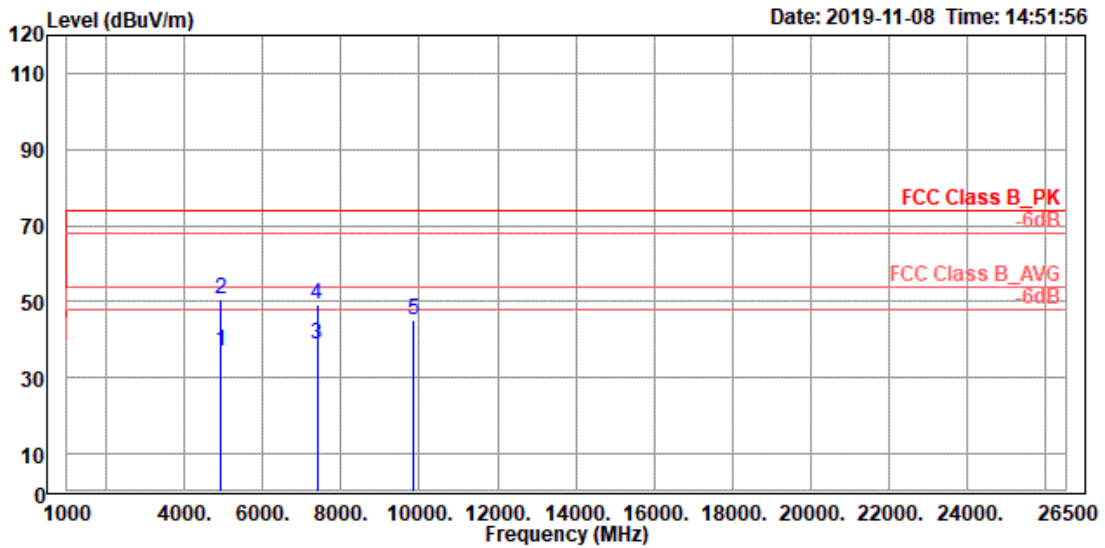
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 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4874.000	44.45	54.50	-10.05	54.00	-9.55	218	136	Average
2	4874.000	57.84	67.89	-10.05	74.00	-16.16	218	136	Peak
3	7311.000	41.68	49.42	-7.74	54.00	-12.32	300	208	Average
4	7311.000	54.80	62.54	-7.74	74.00	-19.20	300	208	Peak
5	9748.000	44.30	49.27	-4.97	74.00	-29.70	300	328	Peak



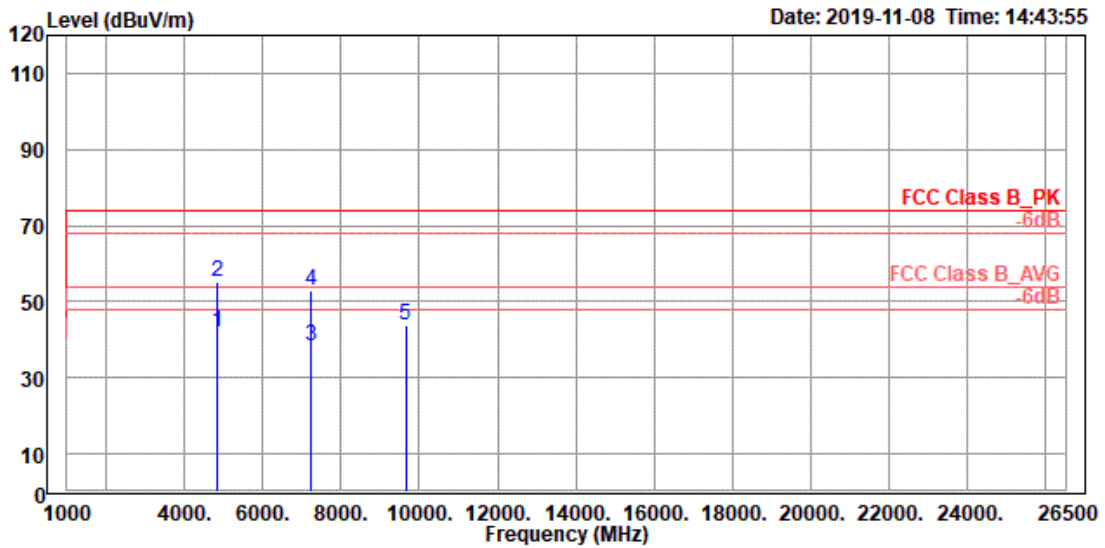
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2462MHz
 Powersetting : 56
 Test Rating : 110V 60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4924.000	36.60	46.62	-10.02	54.00	-17.40	200	193	Average
2	4924.000	48.36	58.38	-10.02	74.00	-25.64	200	193	Peak
3	7386.000	40.51	48.25	-7.74	54.00	-13.49	100	68	Average
4	7386.000	52.60	60.34	-7.74	74.00	-21.40	100	68	Peak
5	9848.000	45.14	49.92	-4.78	74.00	-28.86	157	360	Peak



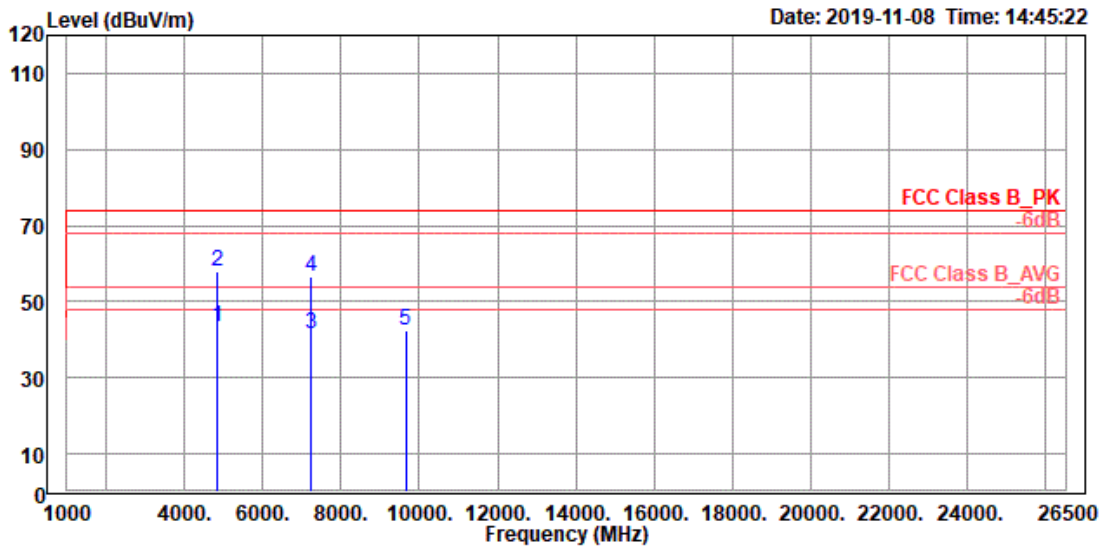
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-G-2462MHz
 Powersetting : 56
 Test Rating : 110V 60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4924.000	37.15	47.17	-10.02	54.00	-16.85	200	167	Average
2	4924.000	50.61	60.63	-10.02	74.00	-23.39	200	167	Peak
3	7388.000	38.69	46.43	-7.74	54.00	-15.31	300	208	Average
4	7388.000	49.07	56.81	-7.74	74.00	-24.93	300	208	Peak
5	9848.000	45.37	50.15	-4.78	74.00	-28.63	200	328	Peak



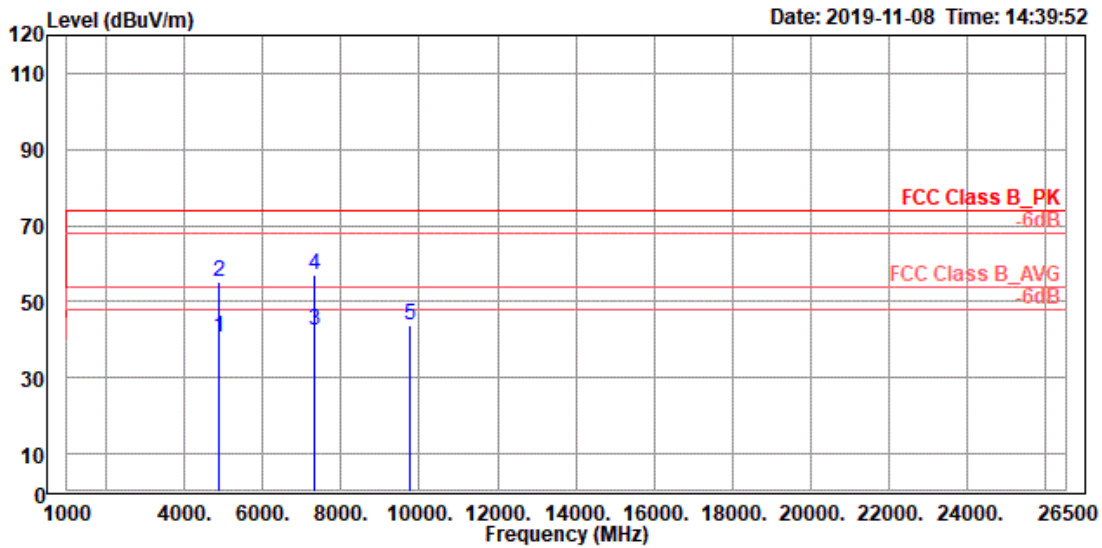
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2412MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4824.000	41.86	51.90	-10.04	54.00	-12.14	300	157	Average
2	4824.000	55.14	65.18	-10.04	74.00	-18.86	300	157	Peak
3	7236.000	38.32	46.06	-7.74	54.00	-15.68	280	0	Average
4	7236.000	53.02	60.76	-7.74	74.00	-20.98	280	0	Peak
5	9648.000	43.96	49.12	-5.16	74.00	-30.04	100	346	Peak



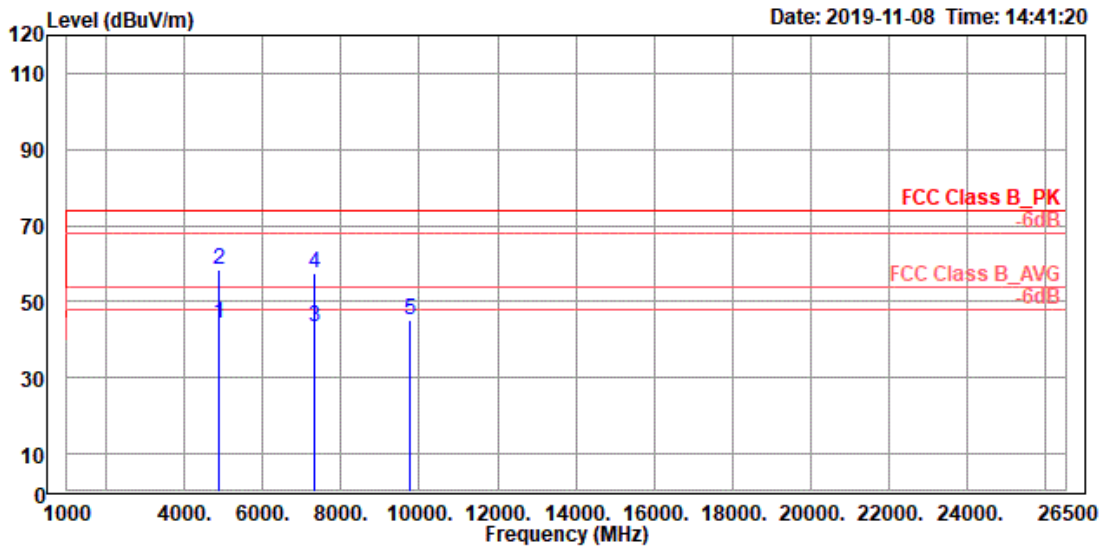
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2412MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBUV/m	dBuV	dB/m	dBUV/m	dB	cm	deg	
1	4824.000	43.40	53.44	-10.04	54.00	-10.60	200	157	Average
2	4824.000	57.85	67.89	-10.04	74.00	-16.15	200	157	Peak
3	7236.000	41.43	49.17	-7.74	54.00	-12.57	200	204	Average
4	7236.000	56.77	64.51	-7.74	74.00	-17.23	200	204	Peak
5	9648.000	42.52	47.68	-5.16	74.00	-31.48	100	322	Peak



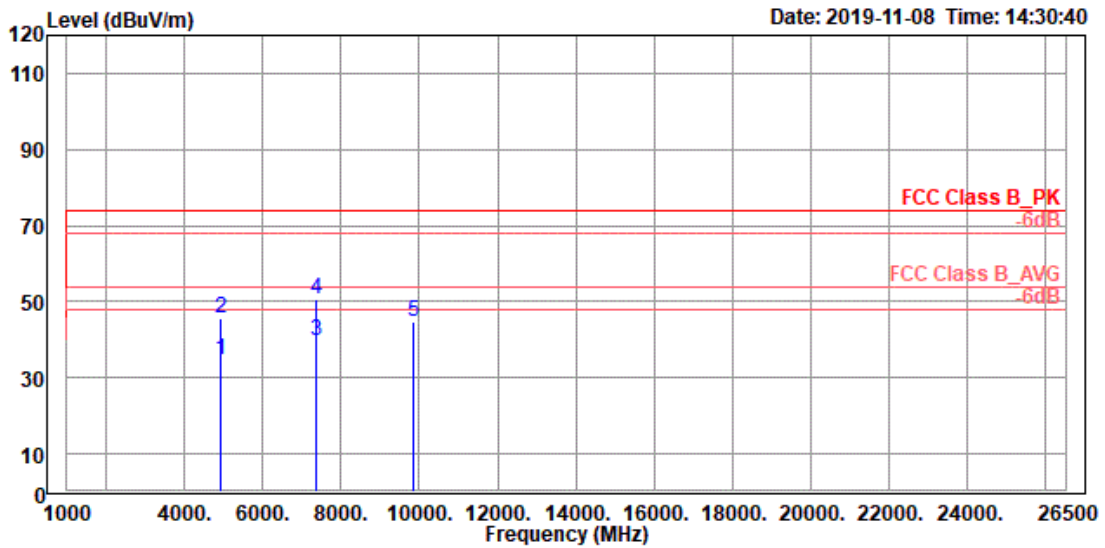
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4874.000	40.77	50.82	-10.05	54.00	-13.23	200	206	Average
2	4874.000	55.00	65.05	-10.05	74.00	-19.00	200	206	Peak
3	7311.000	42.35	50.09	-7.74	54.00	-11.65	100	72	Average
4	7311.000	56.96	64.70	-7.74	74.00	-17.04	100	72	Peak
5	9748.000	43.80	48.77	-4.97	74.00	-30.20	158	360	Peak



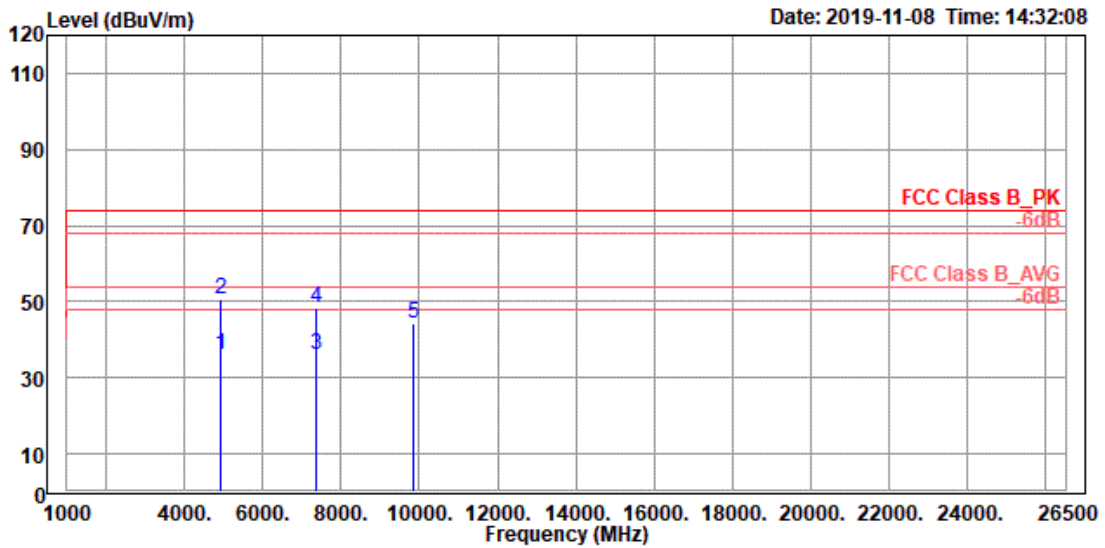
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2437MHz
 Powersetting : 63
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4874.000	44.10	54.15	-10.05	54.00	-9.90	200	165	Average
2	4874.000	58.43	68.48	-10.05	74.00	-15.57	200	165	Peak
3	7311.000	43.57	51.31	-7.74	54.00	-10.43	200	206	Average
4	7311.000	57.54	65.28	-7.74	74.00	-16.46	200	206	Peak
5	9748.000	45.18	50.15	-4.97	74.00	-28.82	200	327	Peak



Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2462MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4924.000	34.65	44.67	-10.02	54.00	-19.35	100	246	Average
2	4924.000	45.84	55.86	-10.02	74.00	-28.16	100	246	Peak
3	7386.000	39.57	47.31	-7.74	54.00	-14.43	100	66	Average
4	7386.000	50.54	58.28	-7.74	74.00	-23.46	100	66	Peak
5	9848.000	44.52	49.30	-4.78	74.00	-29.48	265	0	Peak



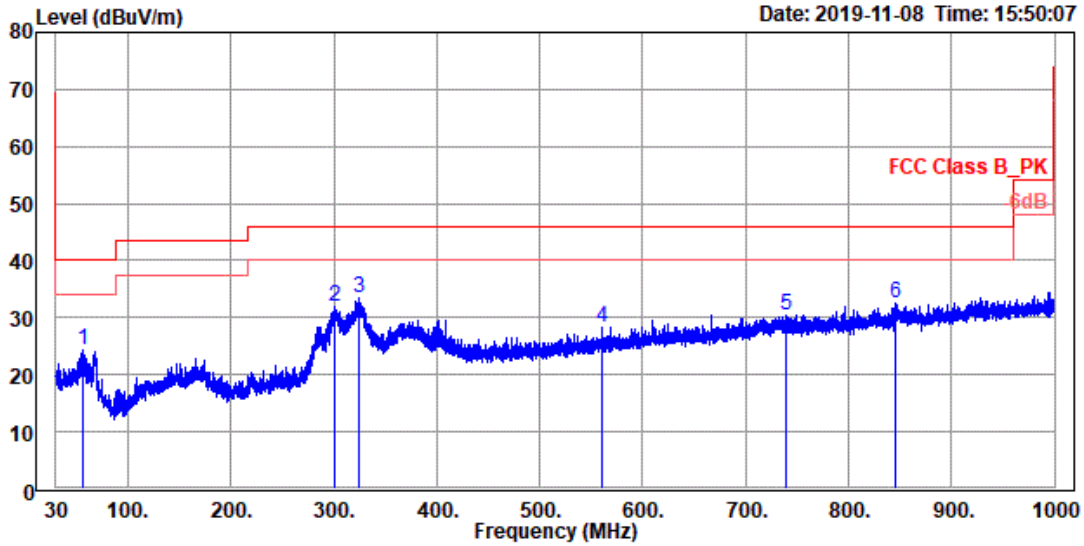
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-N20-2462MHz
 Powersetting : 55
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4924.000	36.23	46.25	-10.02	54.00	-17.77	200	162	Average
2	4924.000	50.77	60.79	-10.02	74.00	-23.23	200	162	Peak
3	7386.000	36.26	44.00	-7.74	54.00	-17.74	138	360	Average
4	7386.000	48.29	56.03	-7.74	74.00	-25.71	138	360	Peak
5	9848.000	44.31	49.09	-4.78	74.00	-29.69	200	331	Peak

Spurious Emissions, TX Mode, 30M-1G

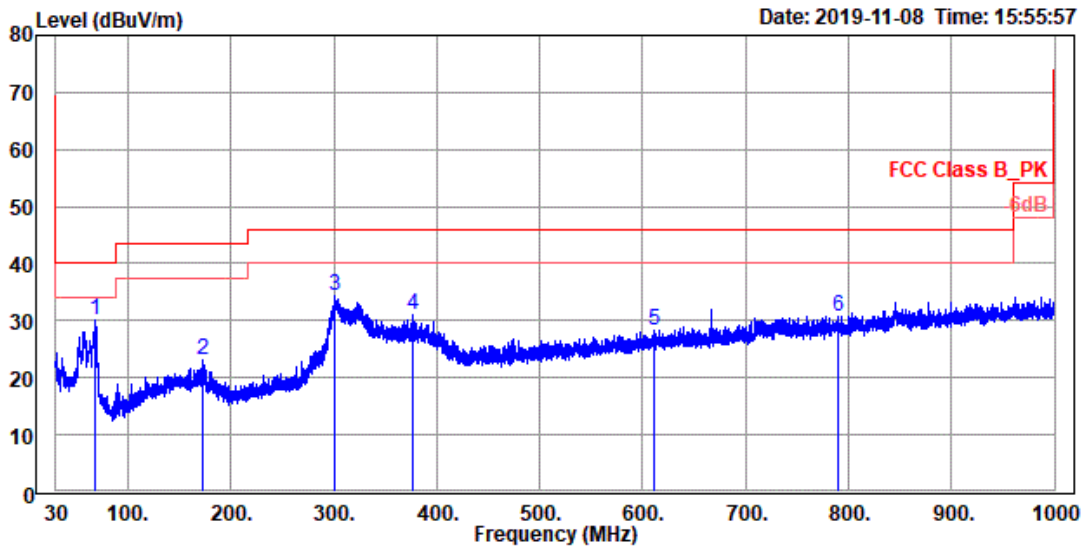


TUV Rheinland Waiwan Ltd.
 No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
 Tel:+886-2172-1000 Fax:+886-2172-1322



Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK horizontal
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2462MHz
 Powersetting : 48
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	55.899	24.25	31.99	-7.74	40.00	-15.75	200	121	QP
2	300.436	32.01	38.43	-6.42	46.00	-13.99	100	179	QP
3	323.716	33.50	39.50	-6.00	46.00	-12.50	100	252	QP
4	559.814	28.31	30.43	-2.12	46.00	-17.69	324	360	QP
5	738.779	30.52	29.62	0.90	46.00	-15.48	200	22	QP
6	844.897	32.46	30.12	2.34	46.00	-13.54	200	31	QP



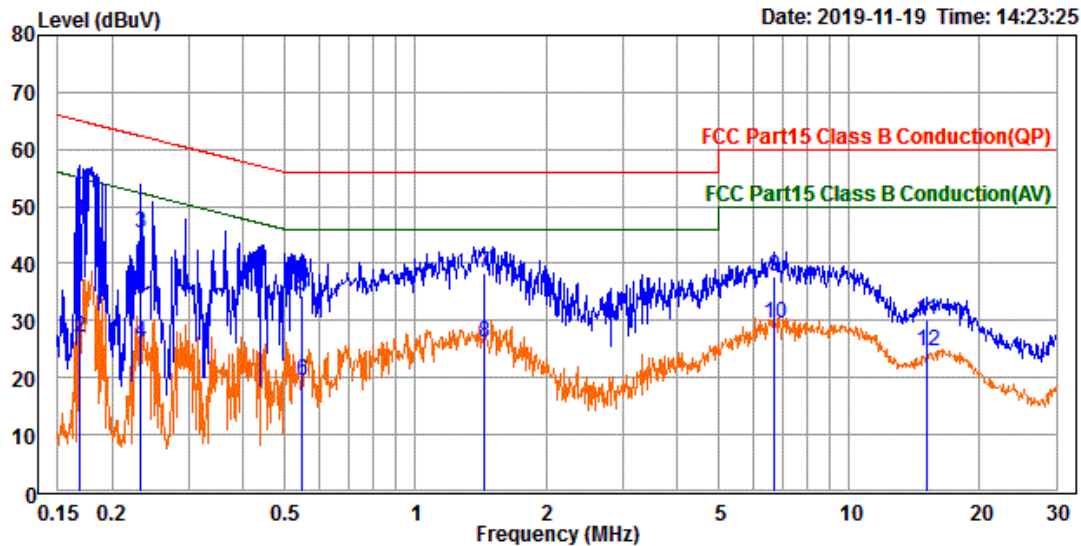
Site : 3m_Semi-Anechoic_Chamber(966_C)
 Condition : FCC Class B_PK vertical
 Test Engineer: Simon Tsai
 Product : Key Light Air
 Model NO : 20LAB9901
 Mode : TX-B-2462MHz
 Powersetting : 48
 Test Rating : 120V/60Hz
 Tmp/Hum : 26°C/63.5%
 Plane : H

	Freq	Level	Read	Limit	Over	APos	TPos	Remark
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg
			dBuV	dB/m	dBuV/m	dB		
1	67.830	30.24	39.86	-9.62	40.00	-9.76	100	250 QP
2	171.911	23.08	30.49	-7.41	43.50	-20.42	100	162 QP
3	301.212	34.33	40.74	-6.41	46.00	-11.67	200	146 QP
4	377.454	31.02	36.07	-5.05	46.00	-14.98	100	181 QP
5	611.806	28.38	29.33	-0.95	46.00	-17.62	400	80 QP
6	790.189	30.75	29.16	1.59	46.00	-15.25	300	259 QP

Spurious Emissions, AC Mains

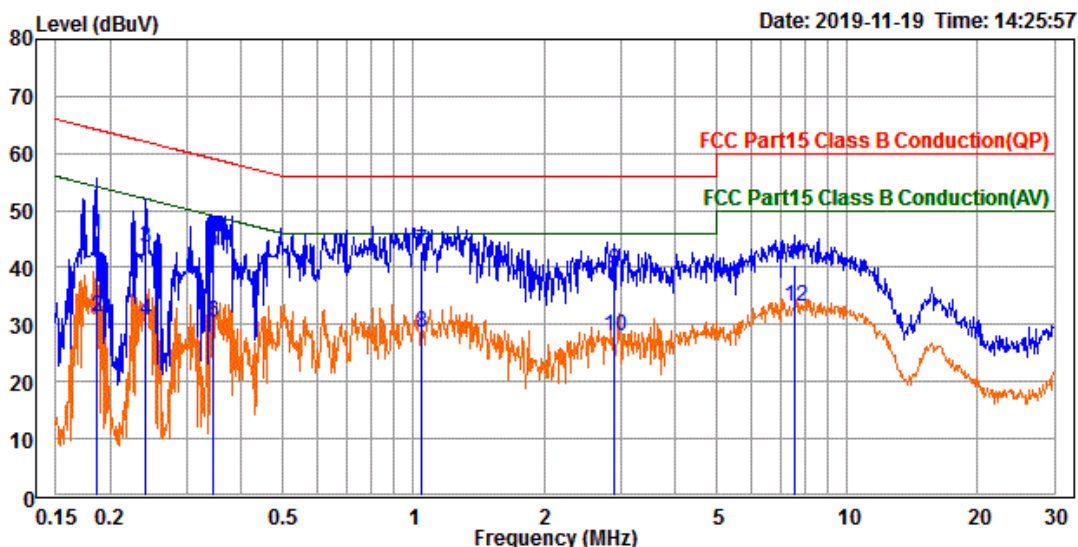


TUV Rheinland Taiwan Ltd.
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 Tel:+886-2172-7000 Fax:+886-2528-0018



Trace: 1
 Site : Conduction room
 Condition : FCC Part15 Class B Conduction(QP) line1
 Test Engineer: Simon tsai
 Product : Key Light Air
 Model No. : 20LAB9901
 Test Rating : 120Vac/60Hz
 Tmp/Hum : 22.6°C/44%
 Memo : ICP30A-130-2000
 : IP 100~240V 50/60Hz 0.8A
 : OP 13V 2000mA

	Read Freq	Level	Factor	Level	Limit	Over	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.168	37.91	9.61	47.52	65.05	-17.53	QP
2	0.168	17.53	9.61	27.14	55.05	-27.91	Average
3	0.233	35.56	9.61	45.17	62.36	-17.19	QP
4	0.233	16.67	9.61	26.28	52.36	-26.08	Average
5	0.548	24.65	9.62	34.27	56.00	-21.73	QP
6	0.548	9.90	9.62	19.52	46.00	-26.48	Average
7	1.442	28.76	9.63	38.39	56.00	-17.61	QP
8	1.442	16.62	9.63	26.25	46.00	-19.75	Average
9	6.692	28.15	9.70	37.85	60.00	-22.15	QP
10	6.692	19.83	9.70	29.53	50.00	-20.47	Average
11	15.080	20.31	9.77	30.08	60.00	-29.92	QP
12	15.080	14.95	9.77	24.72	50.00	-25.28	Average



Trace: 1
 Site : Conduction room
 Condition : FCC Part15 Class B Conduction(QP) neutral
 Test Engineer: Simon tsai
 Product : Key Light Air
 Model No. : 20LAB9901
 Test Rating : 120Vac/60Hz
 Tmp/Hum : 22.6°C/44%
 Memo : ICP30A-130-2000
 : IP 100~240V 50/60Hz 0.8A
 : OP 13V 2000mA

	Read Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.186	35.91	9.62	45.53	64.22	-18.69	QP
2	0.186	21.64	9.62	31.26	54.22	-22.96	Average
3	0.242	33.76	9.62	43.38	62.03	-18.65	QP
4	0.242	21.10	9.62	30.72	52.03	-21.31	Average
5	0.347	33.31	9.62	42.93	59.04	-16.11	QP
6	0.347	20.70	9.62	30.32	49.04	-18.72	Average
7	1.043	33.29	9.63	42.92	56.00	-13.08	QP
8	1.043	19.01	9.63	28.64	46.00	-17.36	Average
9	2.897	29.80	9.66	39.46	56.00	-16.54	QP
10	2.897	18.45	9.66	28.11	46.00	-17.89	Average
11	7.580	30.70	9.72	40.42	60.00	-19.58	QP
12	7.580	23.51	9.72	33.23	50.00	-16.77	Average