

Test Report No.50257345 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50257345 001AppendixD)

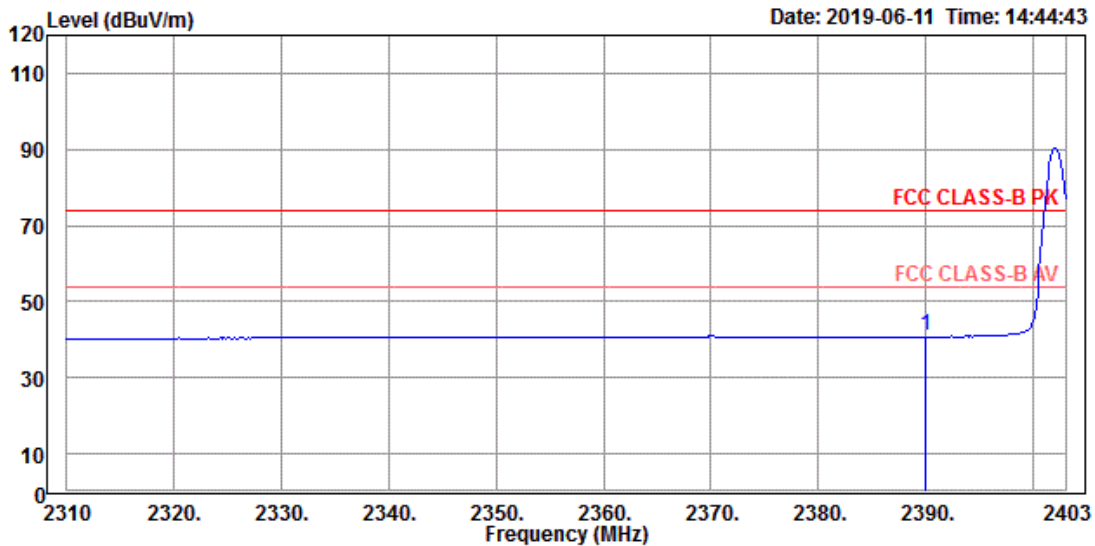
Contents

Spurious Emissions, Band Edges, 2.35-2.5G	2
Spurious Emissions, TX Mode, 1-18G	18
Spurious Emissions, TX Mode, 18-26G	30
Spurious Emissions, TX Mode, 30M-1G	42
Spurious Emissions, TX Mode, 9K-30M	46
Spurious Emissions, AC Mains	48

Spurious Emissions, Band Edges, 2.35-2.5G

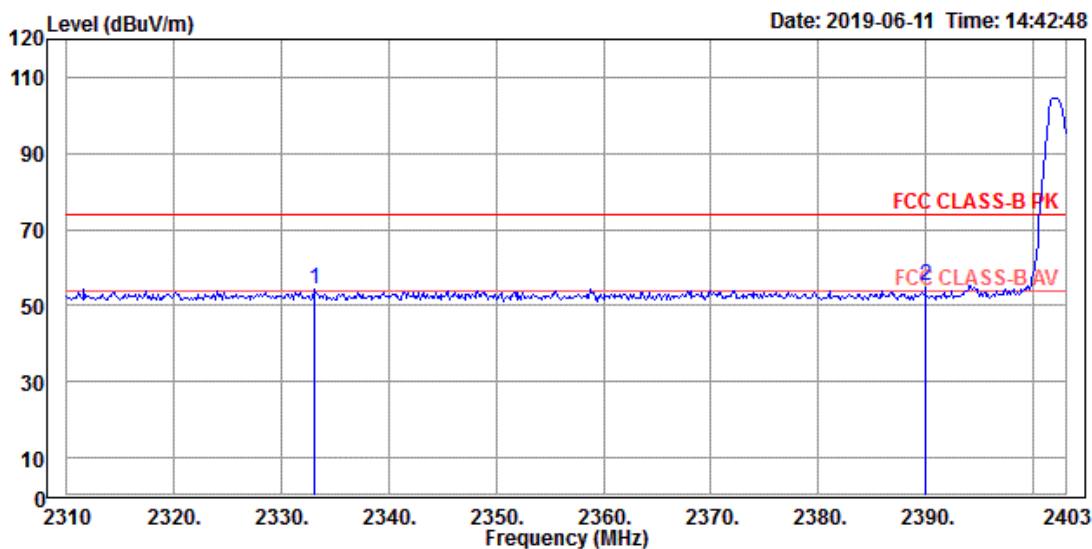


TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



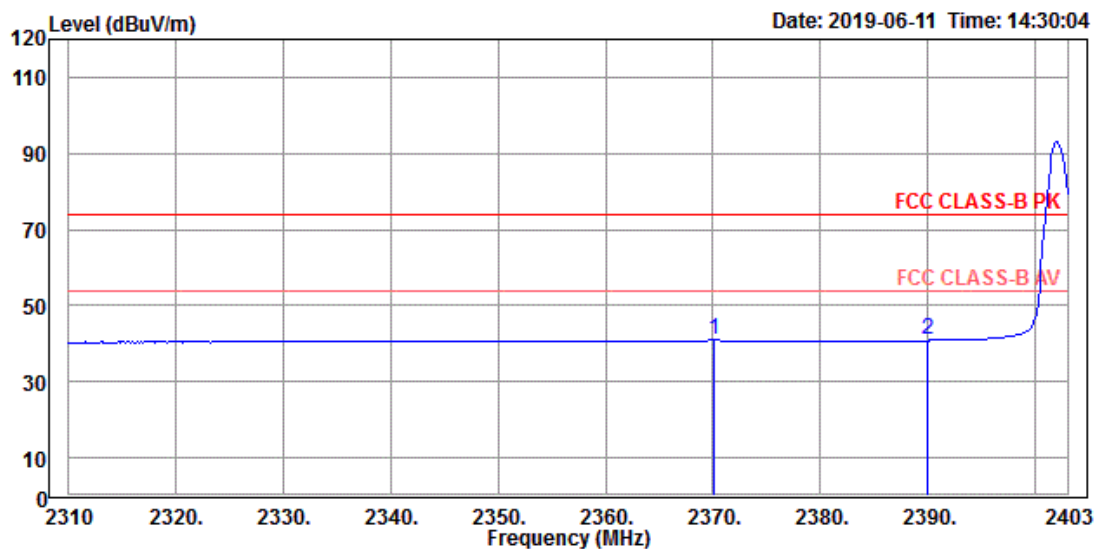
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2402
Memo : X(側立)

	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	40.87	42.65	-1.78	54.00	-13.13	179	264	Average



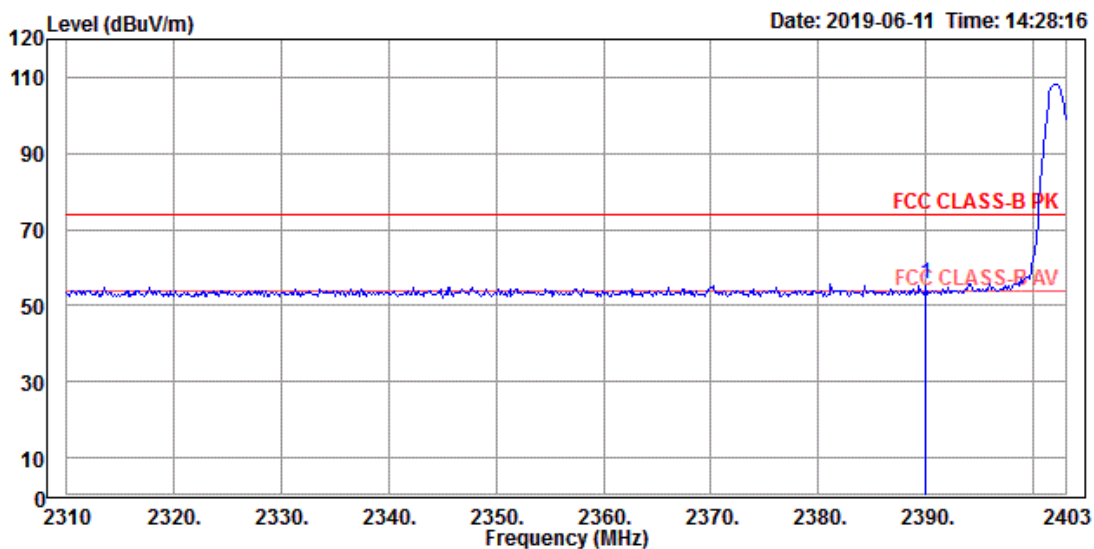
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2333.048	54.40	56.46	-2.06	74.00	-19.60	179	264	Peak
2	2390.000	55.38	57.16	-1.78	74.00	-18.62	179	264	Peak



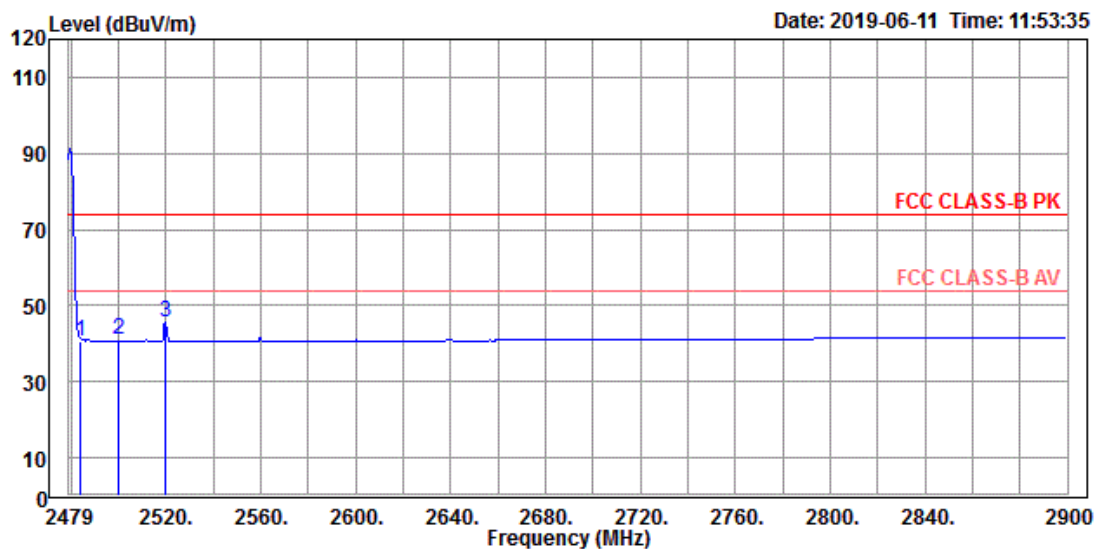
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2370.113	41.28	43.14	-1.86	54.00	-12.72	125	207	Average
2	2390.000	41.21	42.99	-1.78	54.00	-12.79	125	207	Average



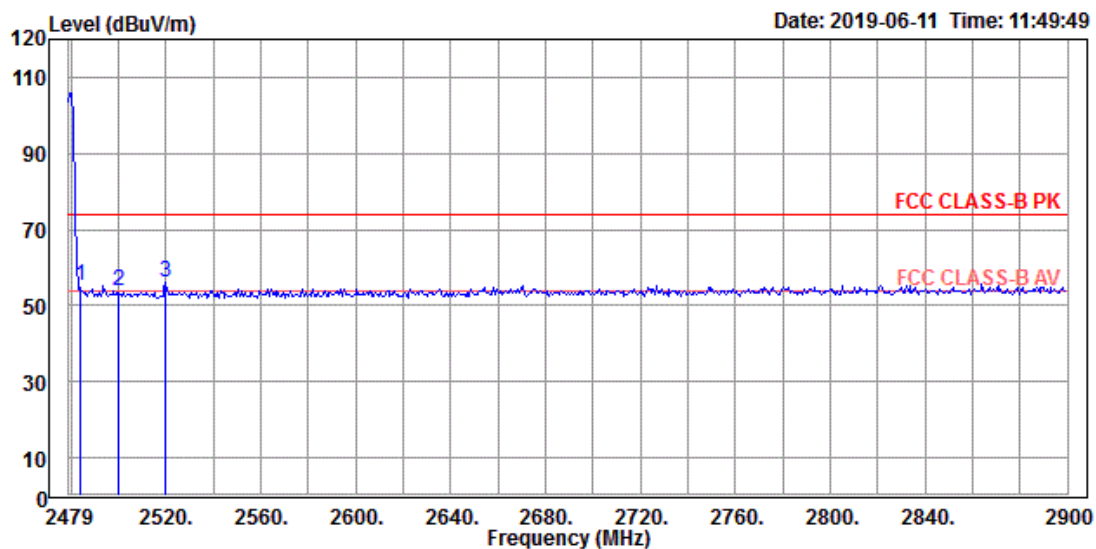
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2402
Memo : X(側立)

	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	55.70	57.48	-1.78	74.00	-18.30	125	207	Peak



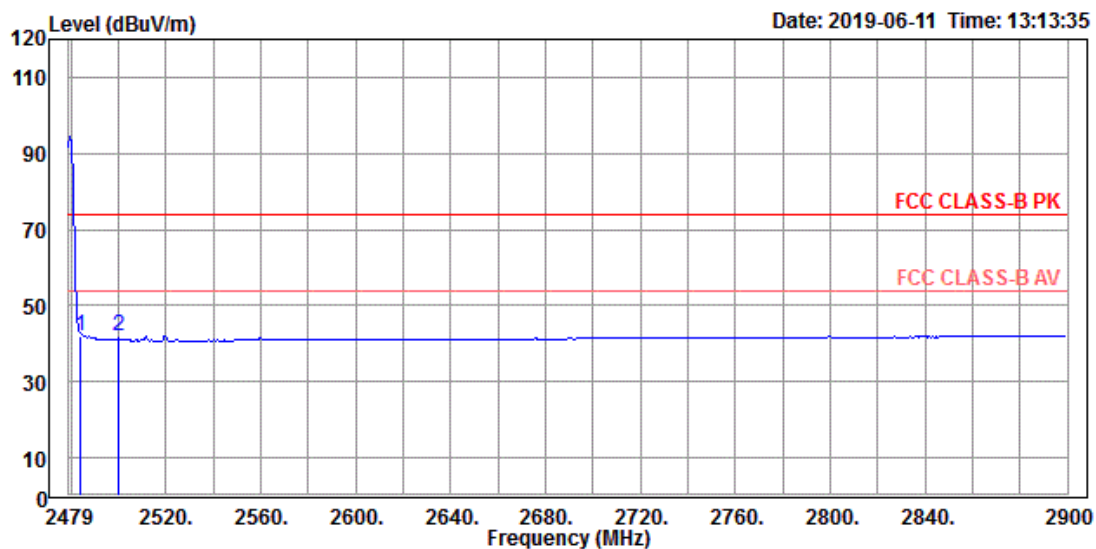
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2483.500	40.64	42.24	-1.60	54.00	-13.36	163	265	Average
2	2500.000	41.09	42.68	-1.59	54.00	-12.91	163	265	Average
3	2519.880	45.65	47.13	-1.48	54.00	-8.35	163	265	Average



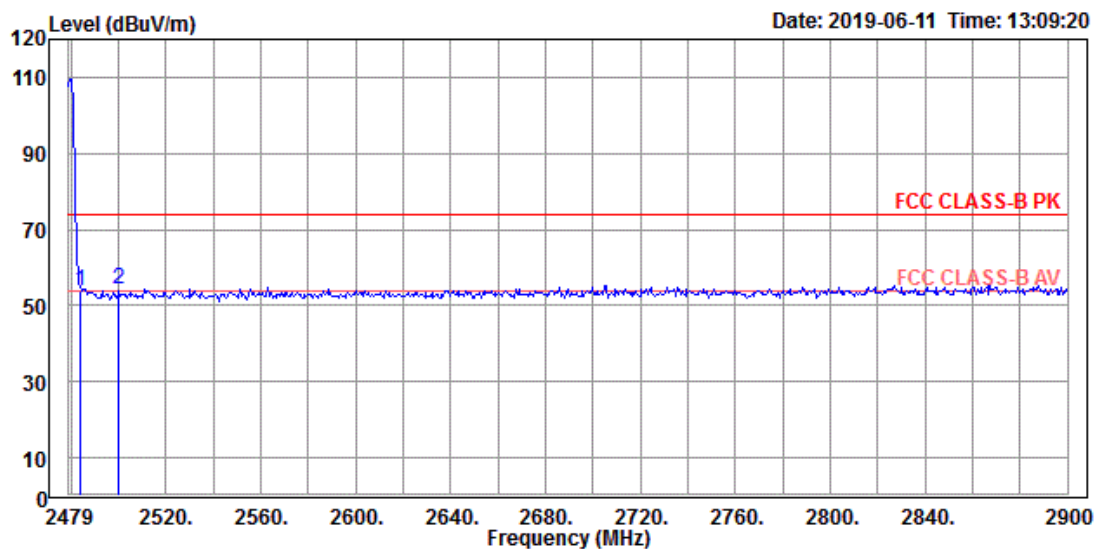
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2483.500	55.02	56.62	-1.60	74.00	-18.98	163	265	Peak
2	2500.000	54.04	55.63	-1.59	74.00	-19.96	163	265	Peak
3	2519.880	56.12	57.60	-1.48	74.00	-17.88	163	265	Peak



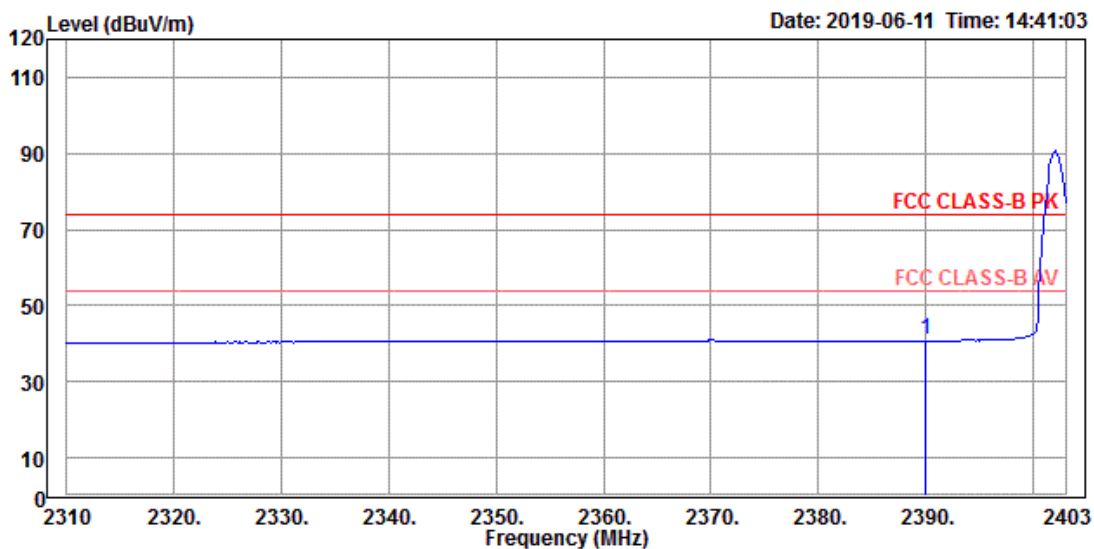
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2483.500	41.77	43.37	-1.60	54.00	-12.23	108	147	Average
2	2500.000	42.05	43.64	-1.59	54.00	-11.95	108	147	Average



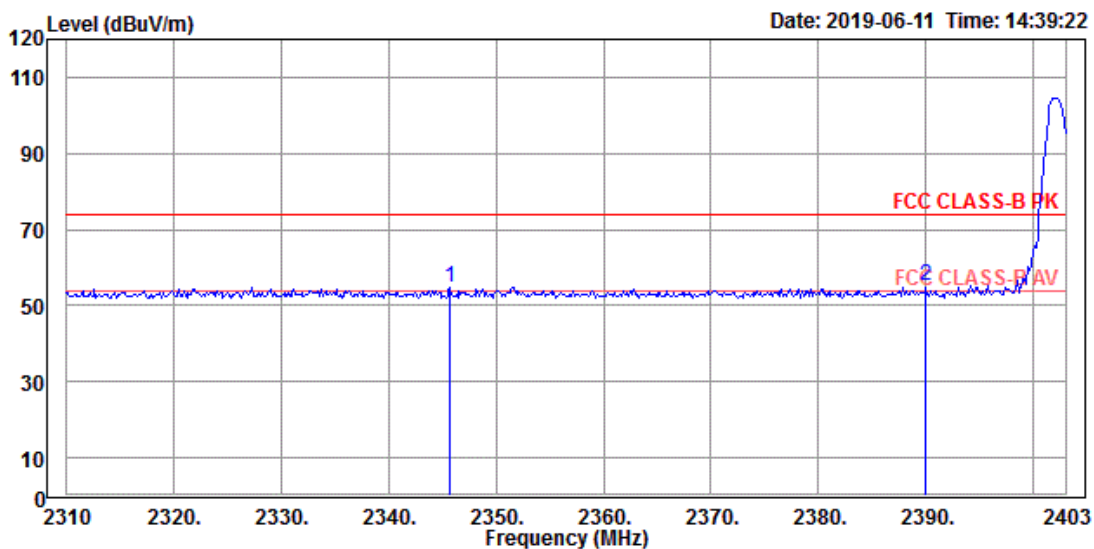
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2483.500	53.93	55.53	-1.60	74.00	-20.07	108	147	Peak
2	2500.000	54.08	55.67	-1.59	74.00	-19.92	108	147	Peak



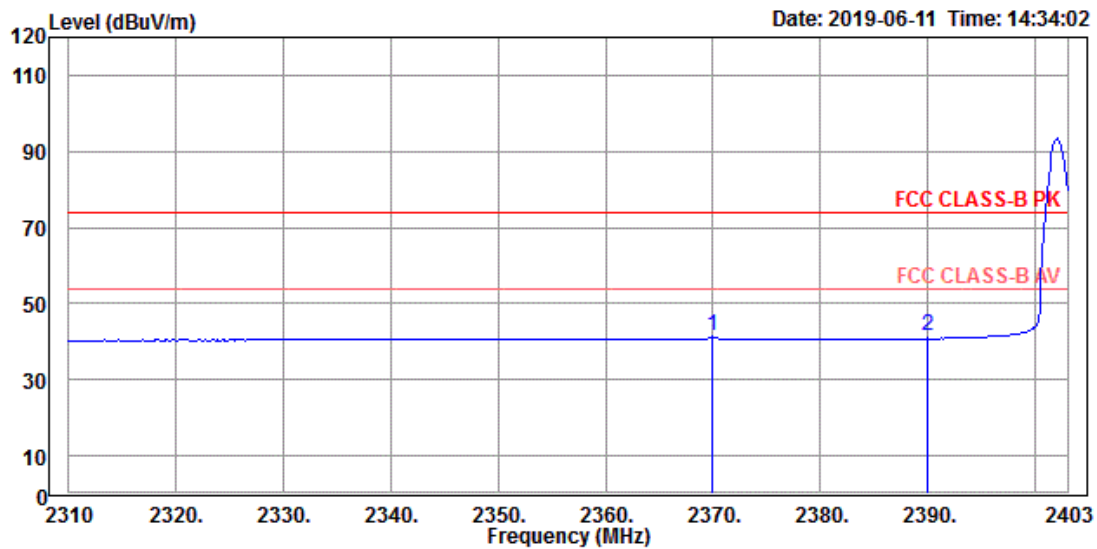
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2402
Memo : X(側立)

	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	40.92	42.70	-1.78	54.00	-13.08	181	266	Average



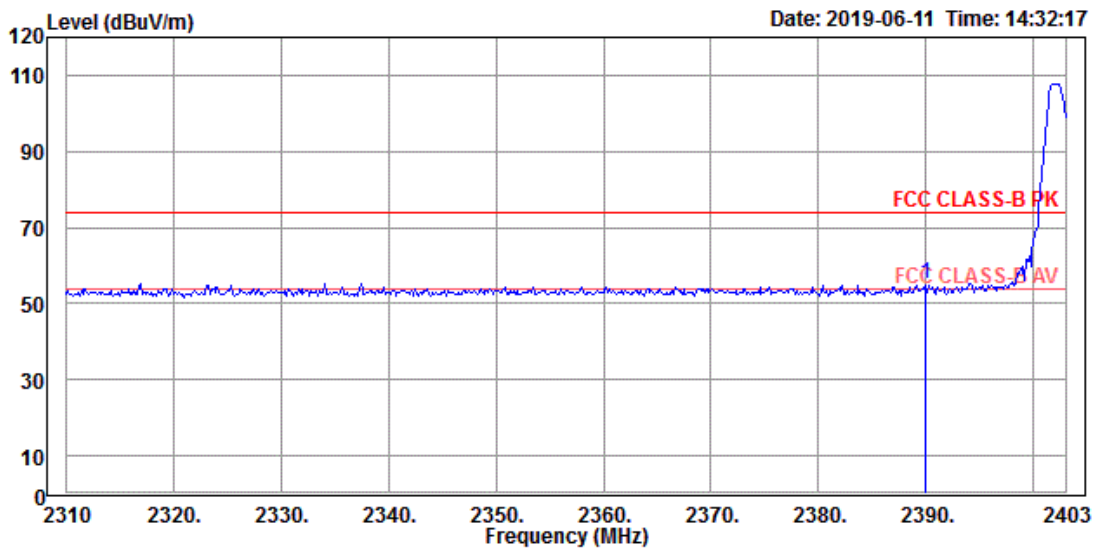
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2345.717	54.66	56.65	-1.99	74.00	-19.34	181	266	Peak
2	2390.000	55.09	56.87	-1.78	74.00	-18.91	181	266	Peak



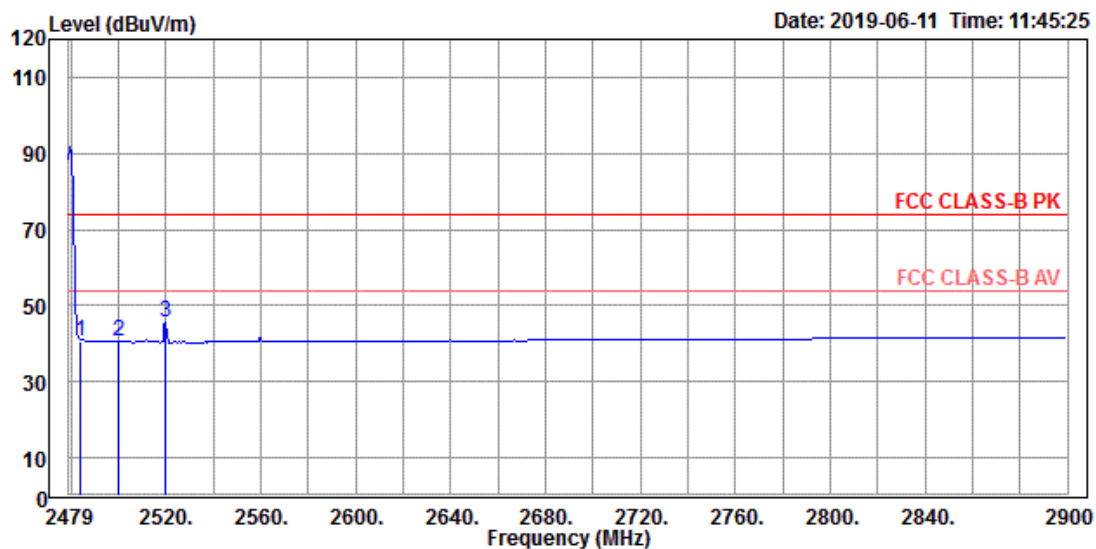
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2369.978	41.35	43.21	-1.86	54.00	-12.65	128	209	Average
2	2390.000	41.57	43.35	-1.78	54.00	-12.43	128	209	Average



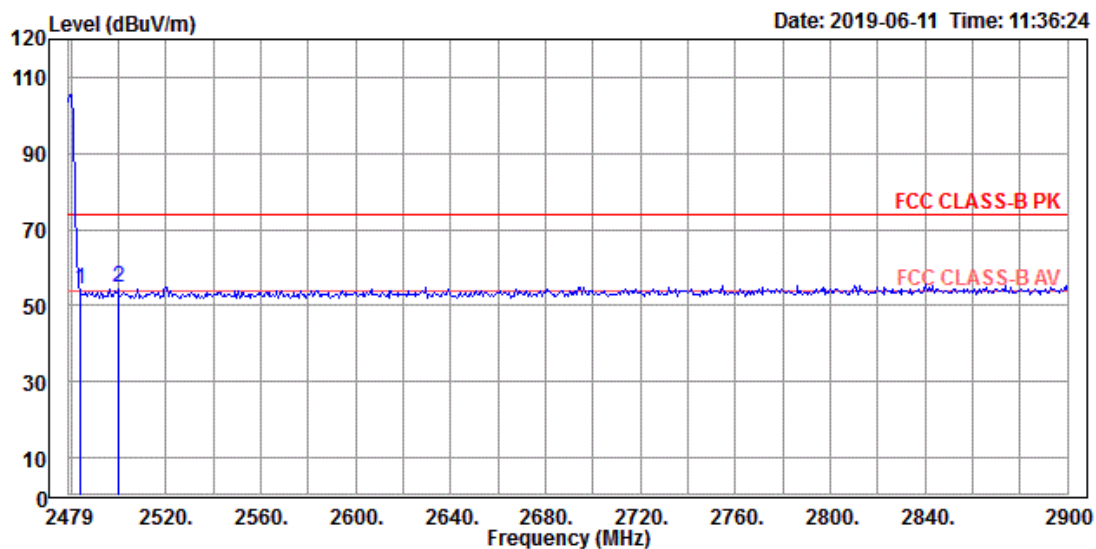
Site : 966B Chamber B
 Condition : FCC CLASS-B PK 3m VERTICAL
 Test Engineer: Amy Hsu
 Product : Bluetooth Audio Receiver
 Model No. : RF-BTR319
 Test Rating : 120Vac/60Hz
 Tmp/Hum : 22.2 °C / 54 %
 Power Setting: 0 , 7 , 0(預設)
 Mode : BT 3DH5 TX 2402
 Memo : X(側立)

	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	55.06	56.84	-1.78	74.00	-18.94	128	209	Peak



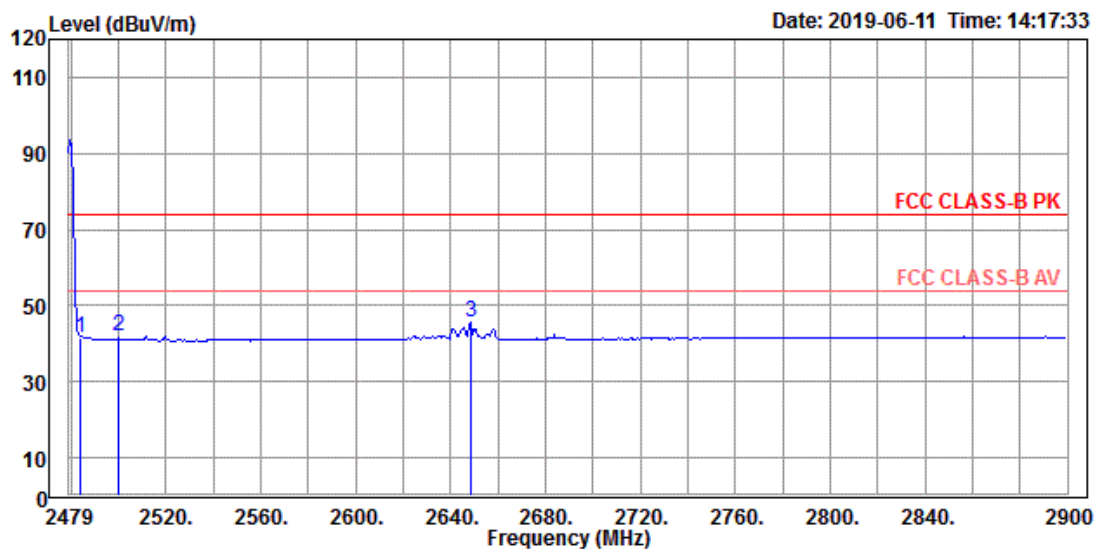
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2483.500	40.56	42.16	-1.60	54.00	-13.44	165	267	Average
2	2500.000	40.44	42.03	-1.59	54.00	-13.56	165	267	Average
3	2519.880	45.83	47.31	-1.48	54.00	-8.17	165	267	Average



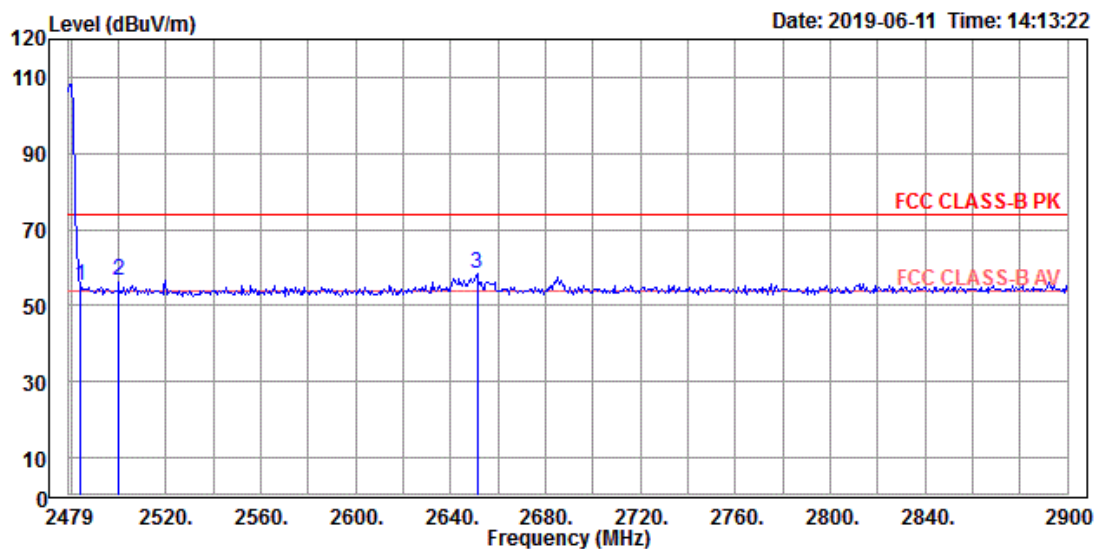
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBUV/m	dBuV	dB/m	dBUV/m	dB	cm	deg	
1	2483.500	54.10	55.70	-1.60	74.00	-19.90	165	267	Peak
2	2500.000	54.75	56.34	-1.59	74.00	-19.25	165	267	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2483.500	41.45	43.05	-1.60	54.00	-12.55	147	153	Average
2	2500.000	41.90	43.49	-1.59	54.00	-12.10	147	153	Average
3	2648.620	45.45	46.56	-1.11	54.00	-8.55	147	153	Average



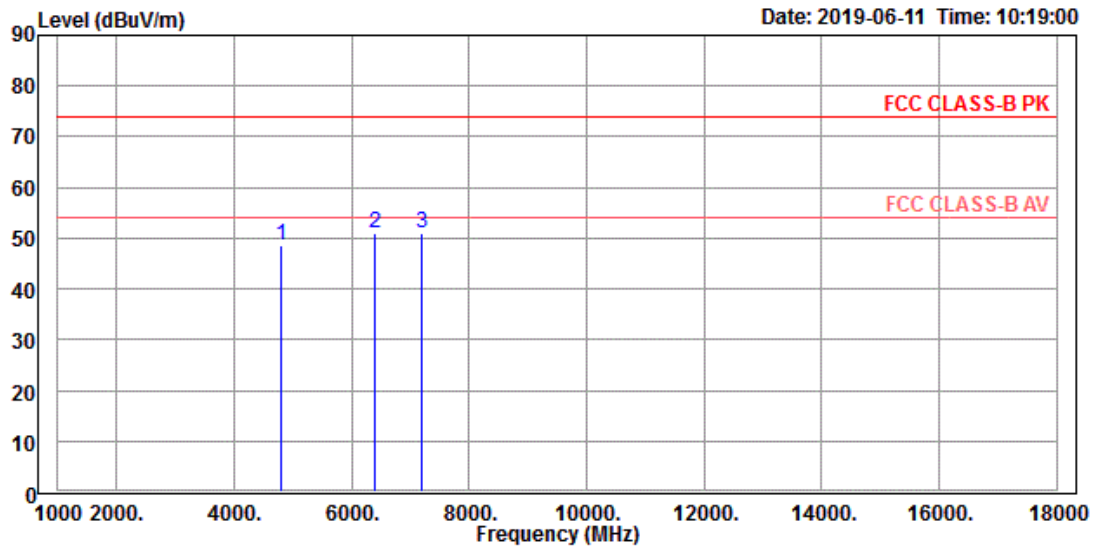
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	2483.500	55.41	57.01	-1.60	74.00	-18.59	147	153	Peak
2	2500.000	56.48	58.07	-1.59	74.00	-17.52	147	153	Peak
3	2651.061	58.39	59.50	-1.11	74.00	-15.61	147	153	Peak

Spurious Emissions, TX Mode, 1-18G

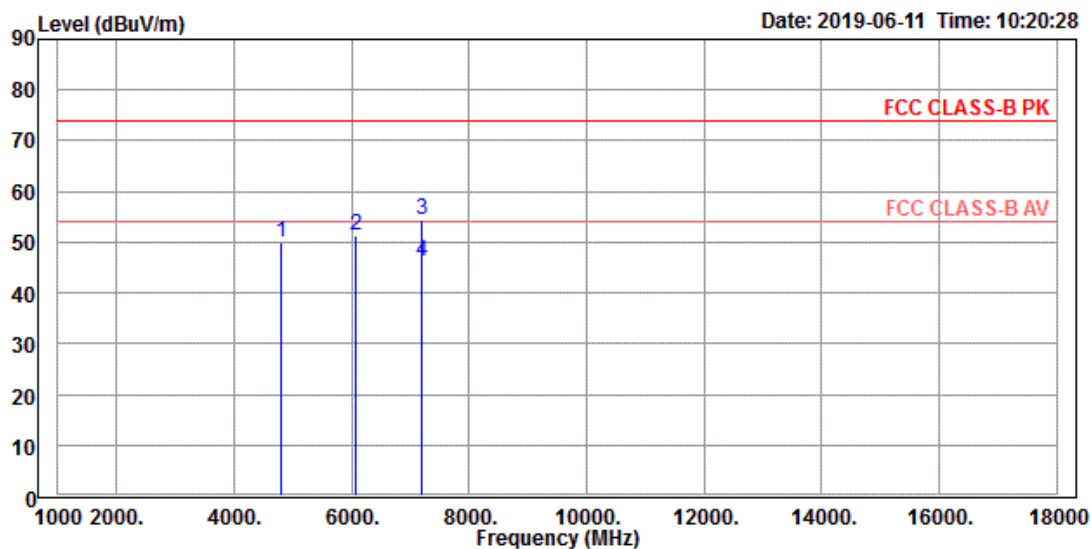


TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



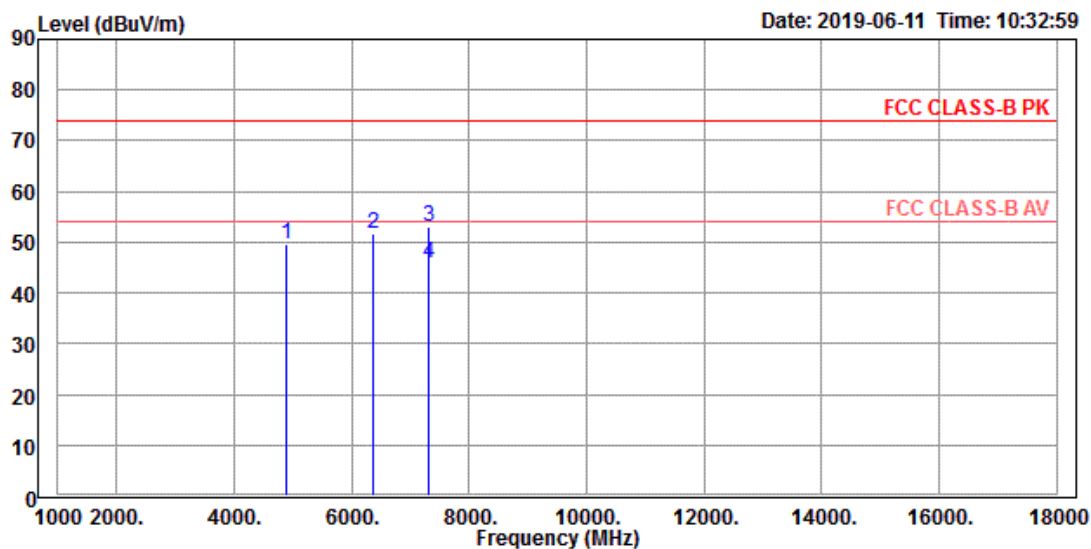
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4804.000	48.53	42.31	6.22	74.00	-25.47	143	233	Peak
2	6395.652	51.10	41.58	9.52	74.00	-22.90	100	144	Peak
3	7206.000	51.02	42.26	8.76	74.00	-22.98	230	35	Peak



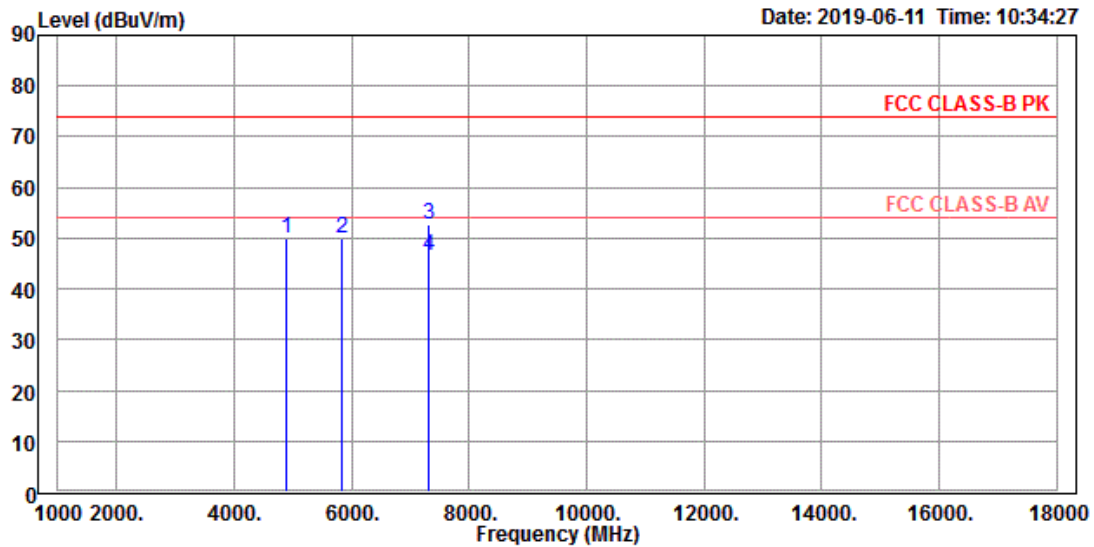
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4804.000	49.89	43.67	6.22	74.00	-24.11	100	328	Peak
2	6075.362	51.19	41.97	9.22	74.00	-22.81	100	309	Peak
3	7206.000	54.40	45.64	8.76	74.00	-19.60	214	309	Peak
4	7206.000	46.23	37.47	8.76	54.00	-7.77	214	309	Average



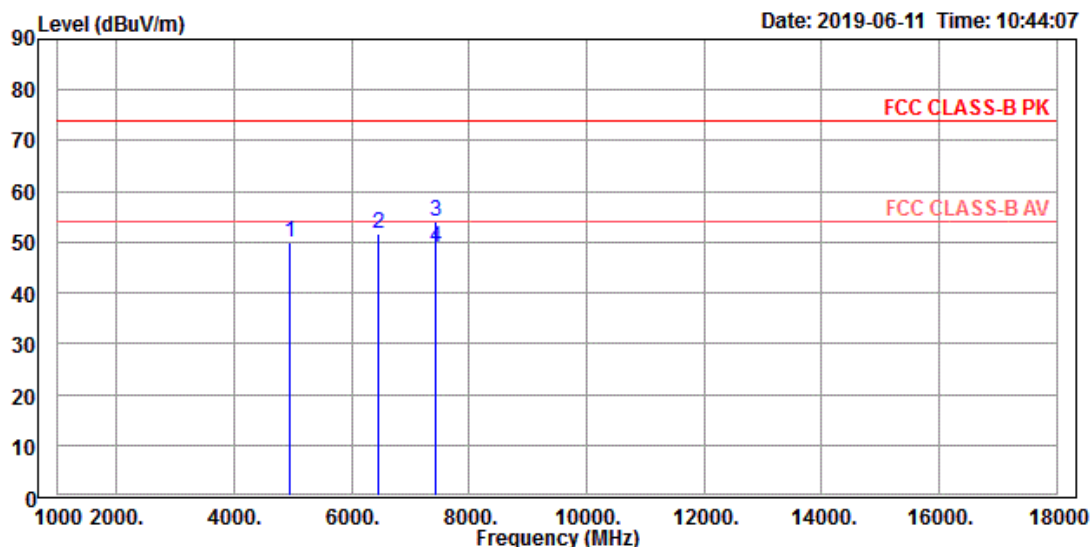
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2441
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4882.000	49.73	43.04	6.69	74.00	-24.27	100	145	Peak
2	6371.015	51.75	42.28	9.47	74.00	-22.25	100	351	Peak
3	7323.000	52.96	44.24	8.72	74.00	-21.04	301	116	Peak
4	7323.000	45.75	37.03	8.72	54.00	-8.25	301	116	Average



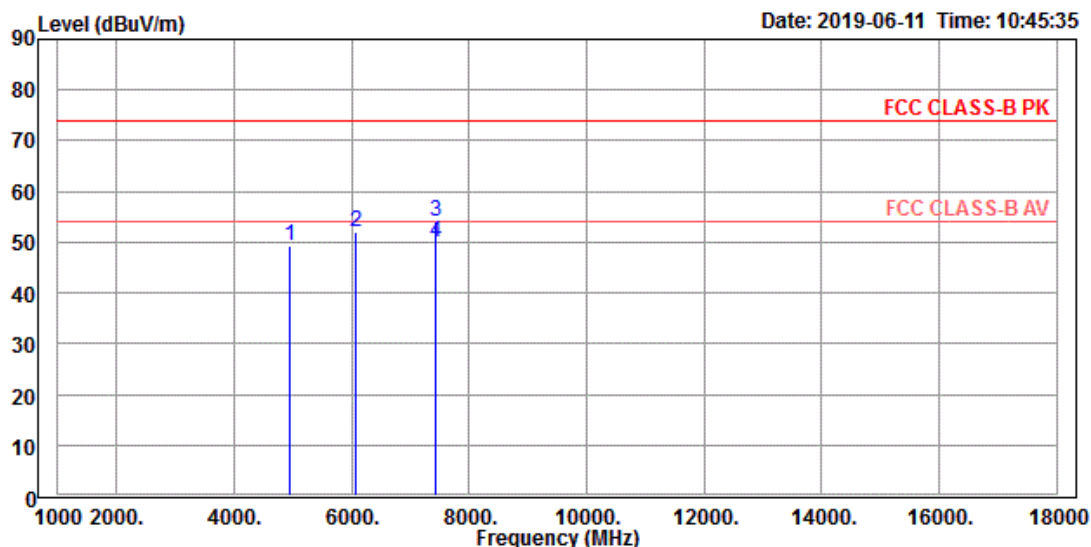
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2441
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4882.000	49.81	43.12	6.69	74.00	-24.19	100	307	Peak
2	5828.985	49.91	41.30	8.61	74.00	-24.09	236	4	Peak
3	7323.000	52.67	43.95	8.72	74.00	-21.33	105	1	Peak
4	7323.000	46.64	37.92	8.72	54.00	-7.36	105	1	Average



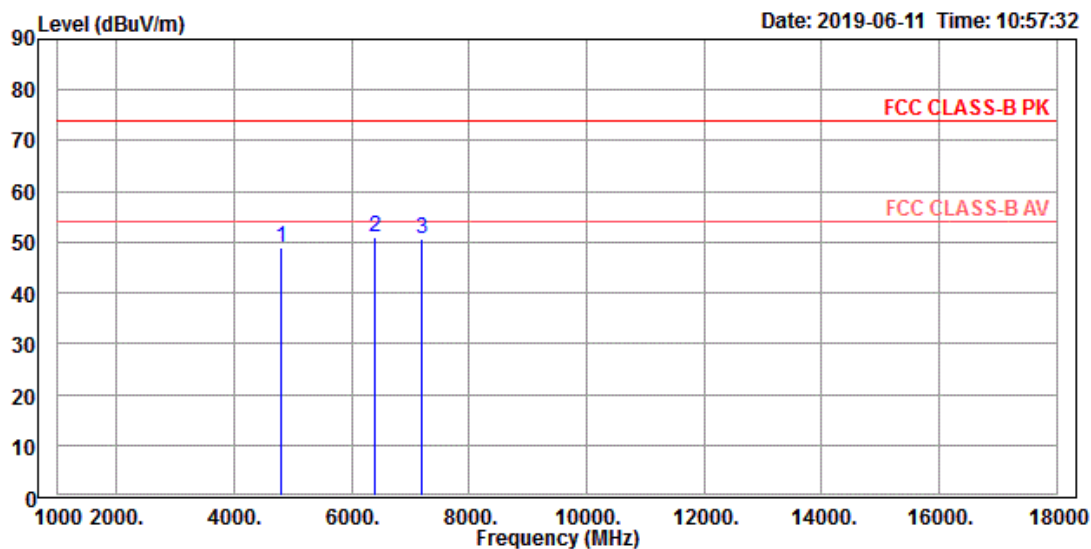
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4960.000	49.84	42.70	7.14	74.00	-24.16	100	169	Peak
2	6444.928	51.56	42.13	9.43	74.00	-22.44	100	194	Peak
3	7440.000	53.94	45.28	8.66	74.00	-20.06	117	222	Peak
4	7440.000	48.90	40.24	8.66	54.00	-5.10	117	222	Average



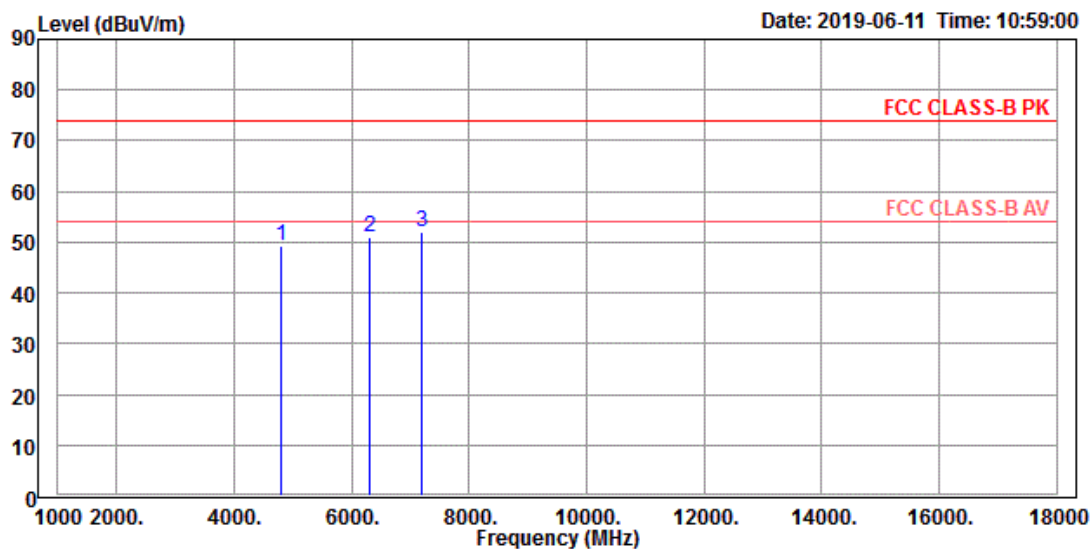
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4960.000	49.28	42.14	7.14	74.00	-24.72	228	277	Peak
2	6075.362	51.92	42.70	9.22	74.00	-22.08	100	239	Peak
3	7440.000	53.92	45.26	8.66	74.00	-20.08	106	291	Peak
4	7440.000	49.92	41.26	8.66	54.00	-4.08	106	291	Average



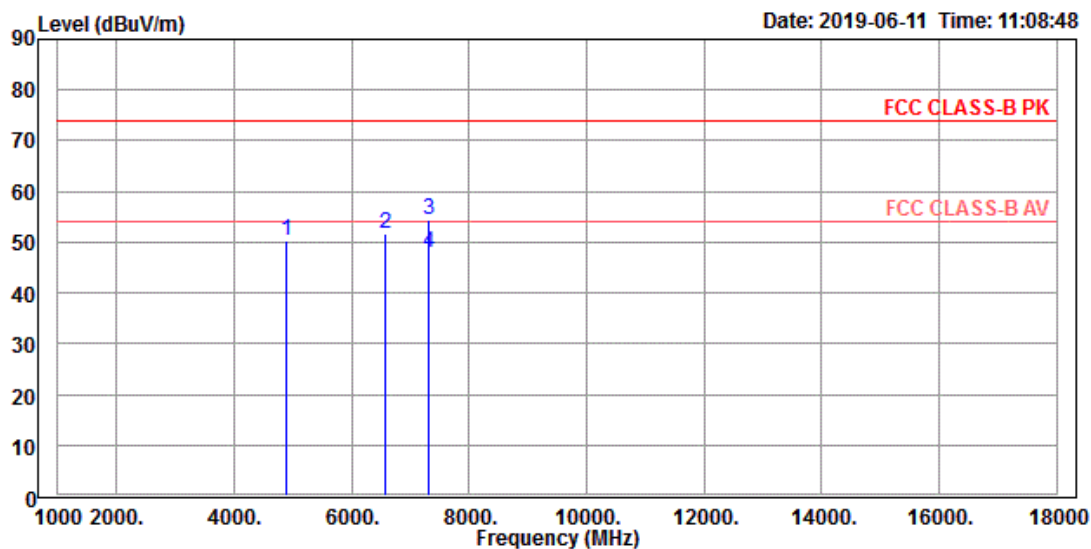
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4804.000	49.02	42.80	6.22	74.00	-24.98	116	241	Peak
2	6395.652	50.96	41.44	9.52	74.00	-23.04	100	279	Peak
3	7206.000	50.79	42.03	8.76	74.00	-23.21	271	83	Peak



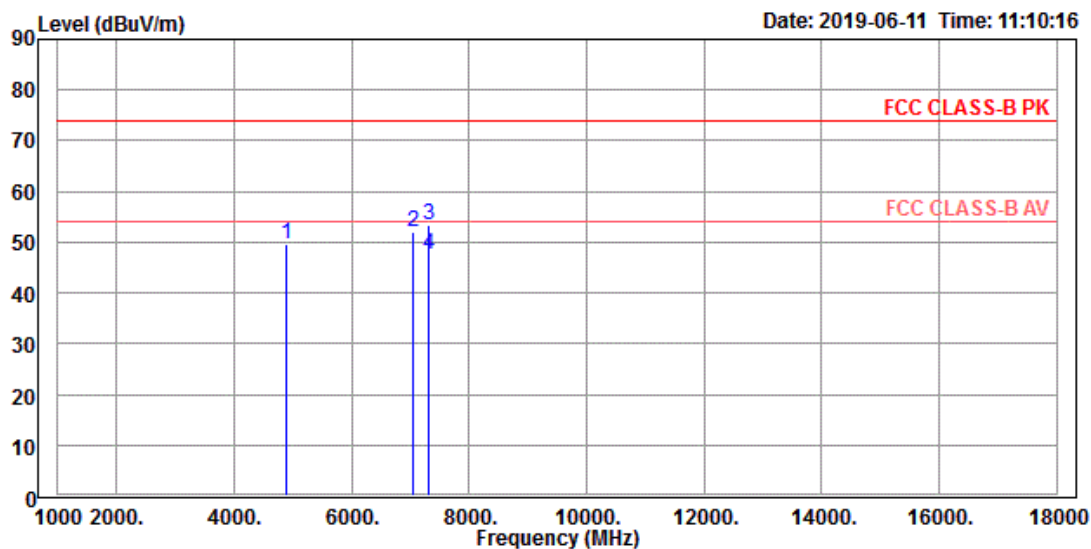
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4804.000	49.13	42.91	6.22	74.00	-24.87	100	6	Peak
2	6297.102	51.08	41.75	9.33	74.00	-22.92	252	278	Peak
3	7206.000	51.91	43.15	8.76	74.00	-22.09	159	176	Peak



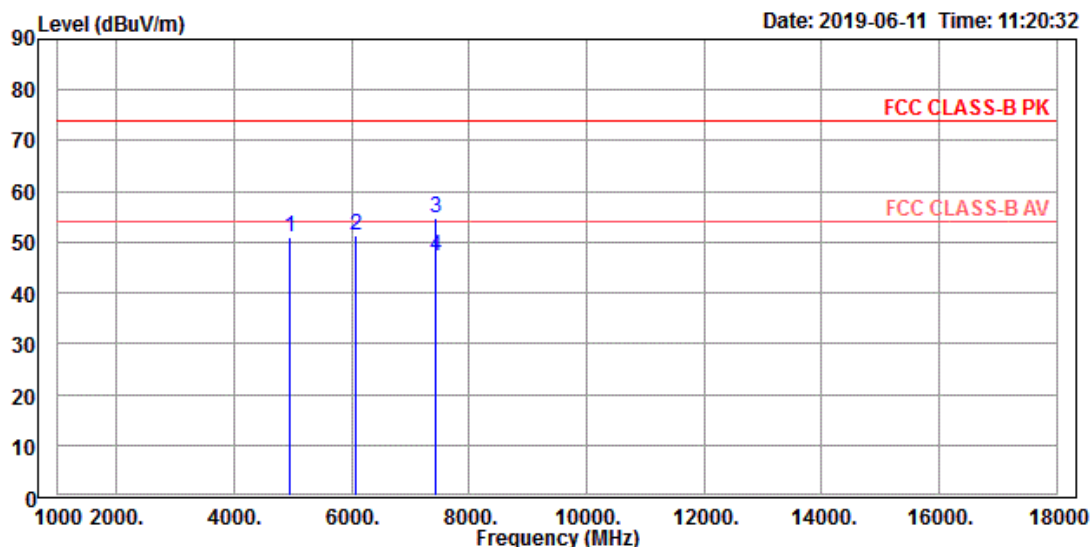
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2441
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4882.000	50.39	43.70	6.69	74.00	-23.61	100	282	Peak
2	6568.116	51.56	42.29	9.27	74.00	-22.44	100	171	Peak
3	7323.000	54.28	45.56	8.72	74.00	-19.72	201	224	Peak
4	7323.000	47.91	39.19	8.72	54.00	-6.09	201	224	Average



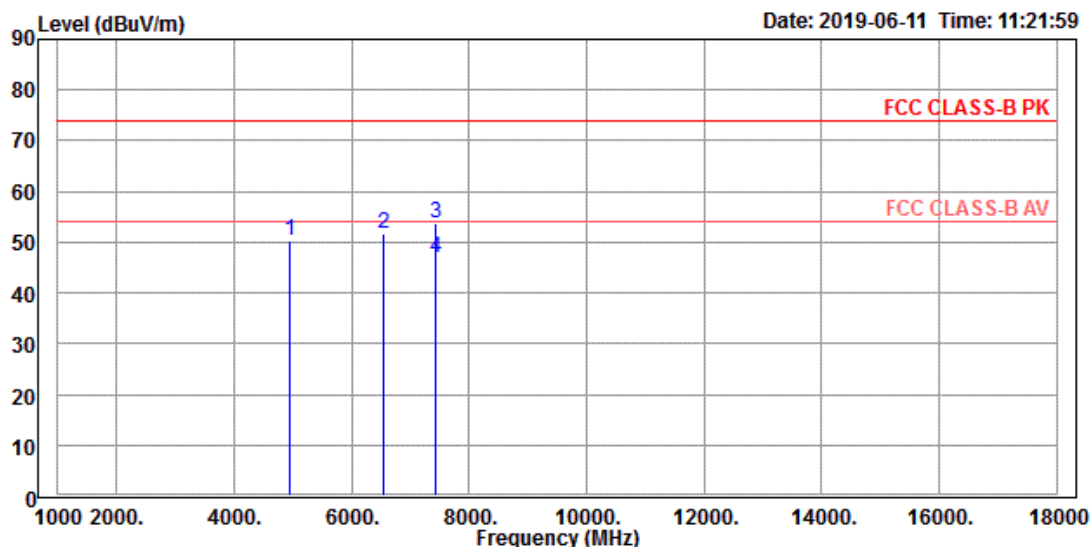
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2441
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4882.000	49.61	42.92	6.69	74.00	-24.39	100	146	Peak
2	7036.232	51.88	43.15	8.73	74.00	-22.12	155	29	Peak
3	7323.000	53.53	44.81	8.72	74.00	-20.47	167	242	Peak
4	7323.000	47.40	38.68	8.72	54.00	-6.60	167	242	Average



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4960.000	51.03	43.89	7.14	74.00	-22.97	100	267	Peak
2	6075.362	51.32	42.10	9.22	74.00	-22.68	261	204	Peak
3	7440.000	54.83	46.17	8.66	74.00	-19.17	117	227	Peak
4	7440.000	47.11	38.45	8.66	54.00	-6.89	117	227	Average



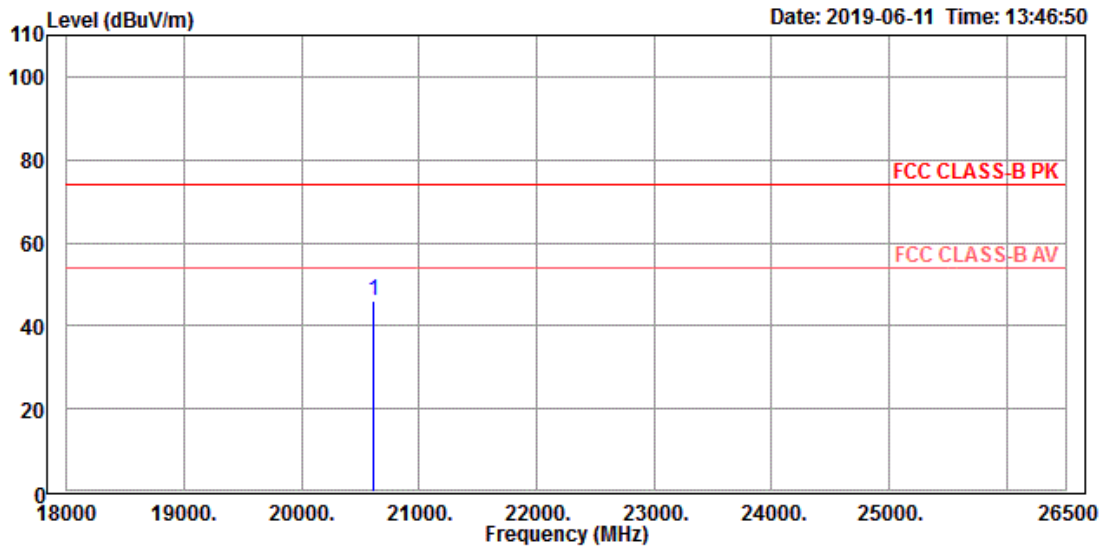
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	4960.000	50.39	43.25	7.14	74.00	-23.61	168	110	Peak
2	6543.478	51.66	42.31	9.35	74.00	-22.34	100	39	Peak
3	7440.000	53.61	44.95	8.66	74.00	-20.39	142	313	Peak
4	7440.000	46.93	38.27	8.66	54.00	-7.07	142	313	Average

Spurious Emissions, TX Mode, 18-26G

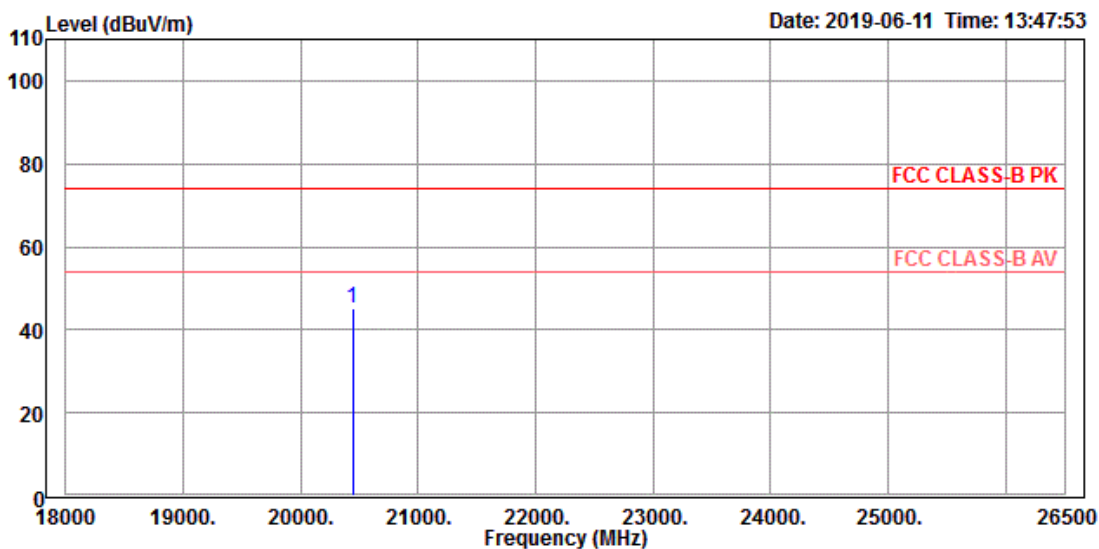


TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



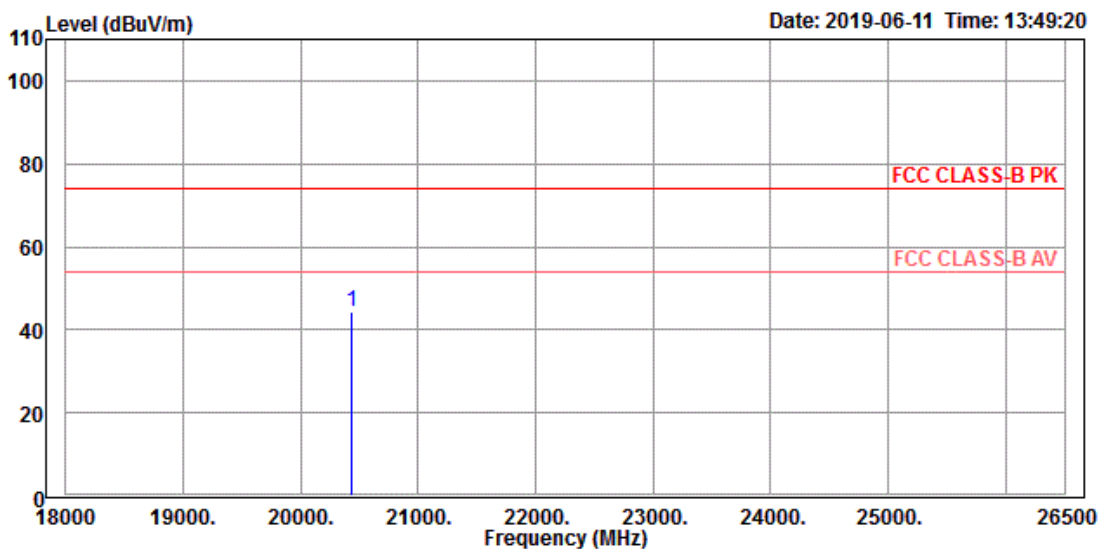
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBUV/m	dBUV	dB/m	dBUV/m	dB	cm	deg	
1	20611.590	45.88	45.15	0.73	74.00	-28.12	100	281	Peak



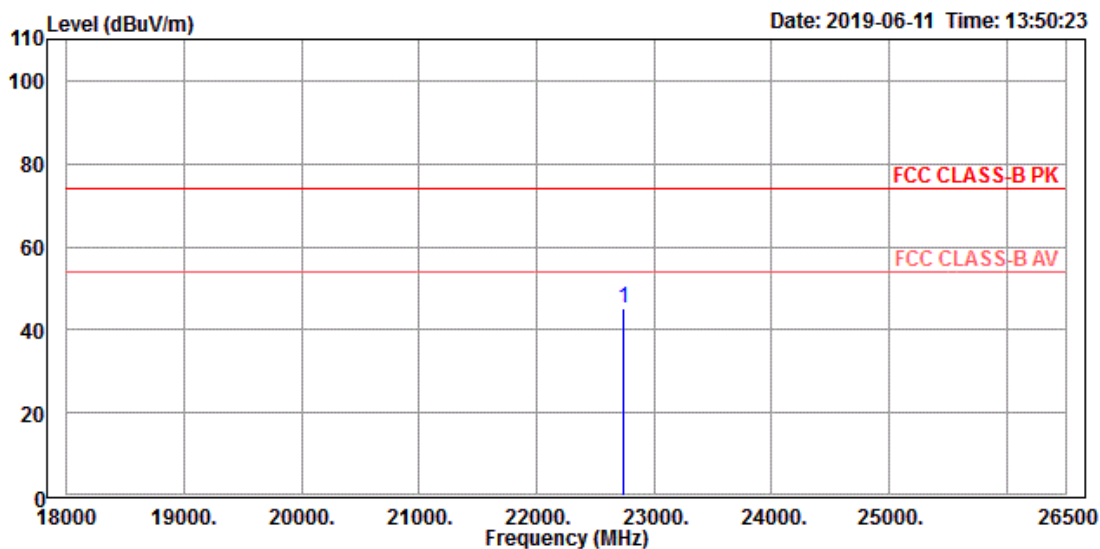
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	20439.130	45.10	44.41	0.69	74.00	-28.90	100	130	Peak



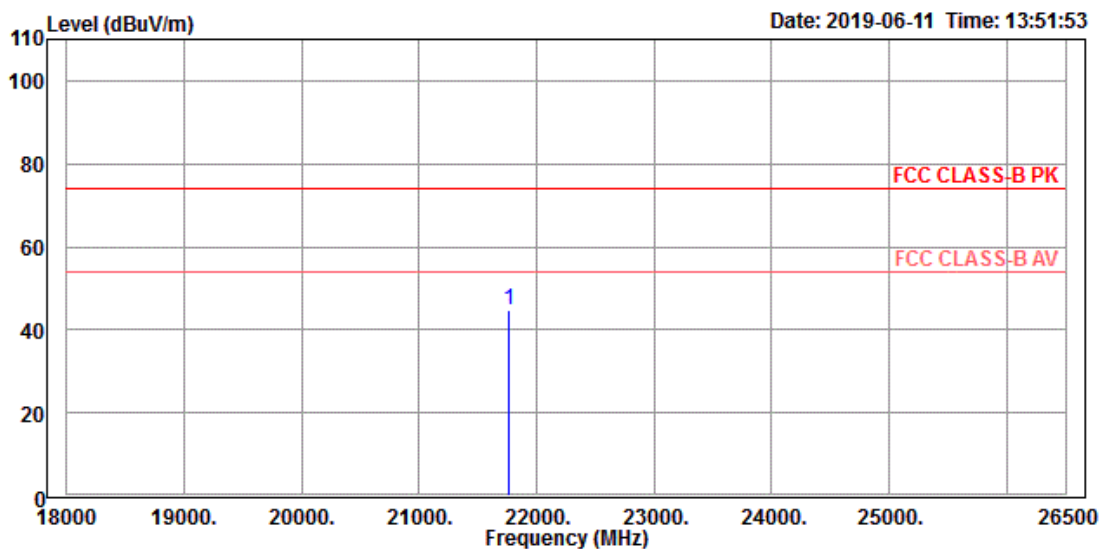
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2441
Memo : X(側立)

			Read		Limit	Over	APos	TPos	
	Freq	Level	Level	Factor	Line	Limit			Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	20426.810	44.42	43.71	0.71	74.00	-29.58	100	360	Peak



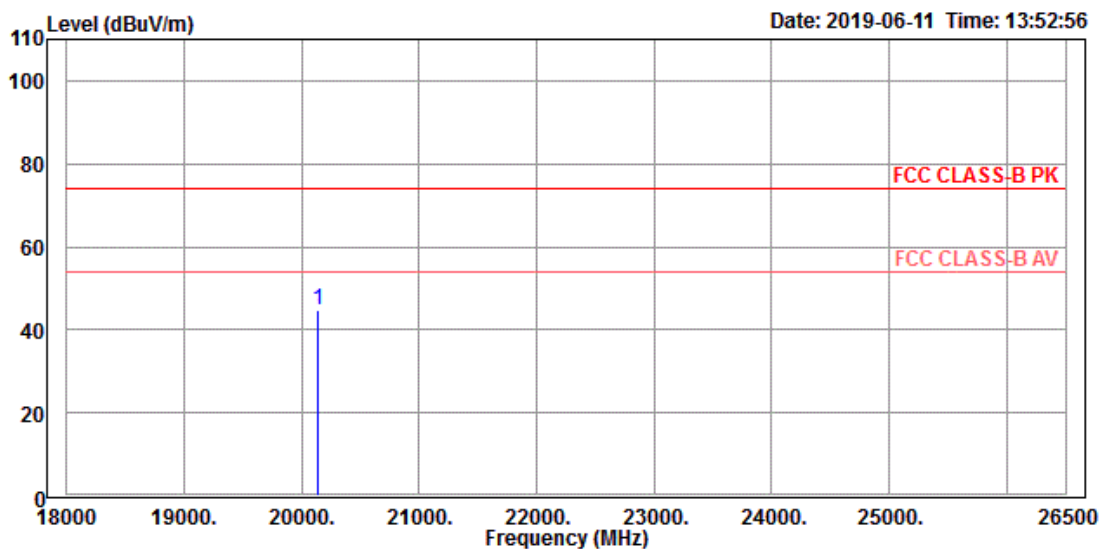
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2441
Memo : X(側立)

		Read		Limit	Over	APos	TPos	
Freq	Level	Level	Factor	Line	Limit			Remark
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1 22742.750	44.99	43.09	1.90	74.00	-29.01	100	360	Peak



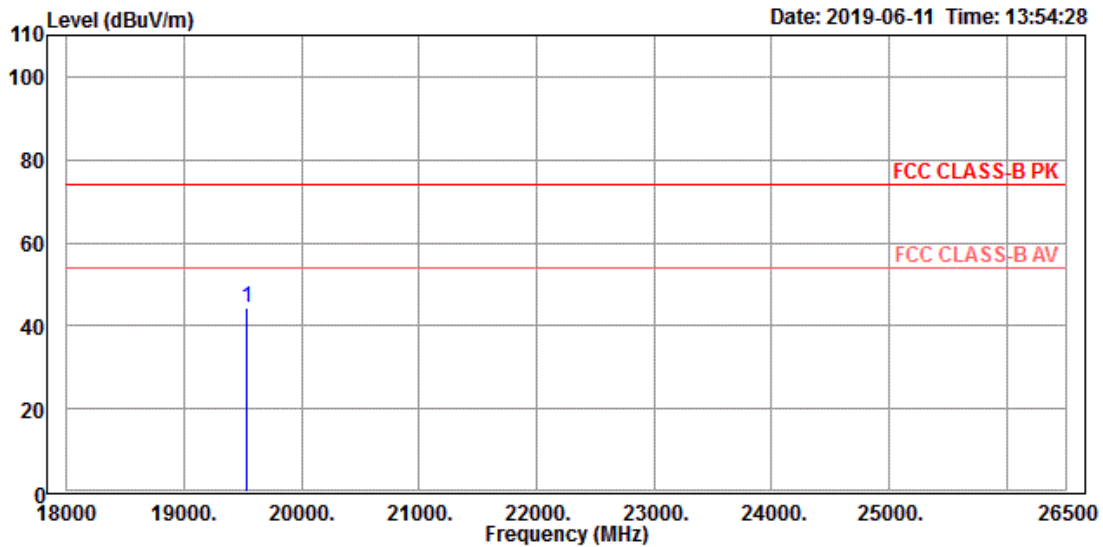
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	21757.250	44.59	43.43	1.16	74.00	-29.41	100	0	Peak



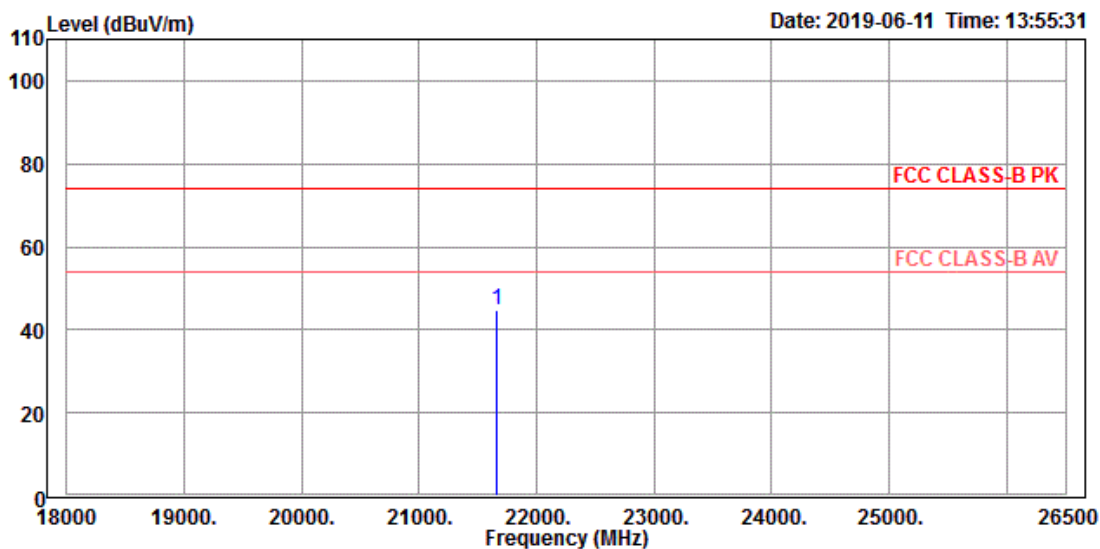
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2480
Memo : X(側立)

			Read		Limit	Over	APos	TPos	
	Freq	Level	Level	Factor	Line	Limit			Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	20131.160	44.69	44.25	0.44	74.00	-29.31	100	115	Peak



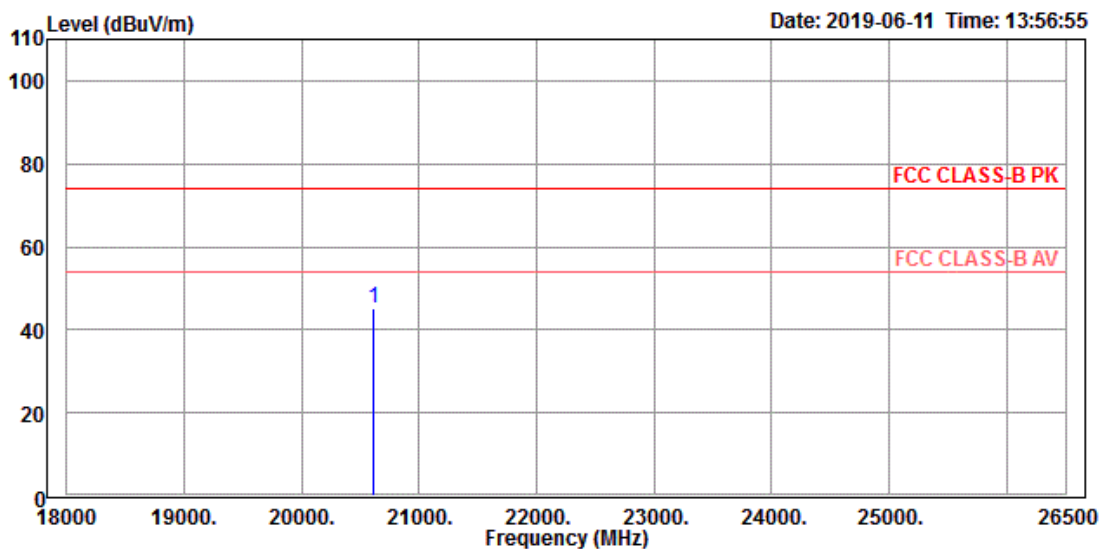
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	19527.540	44.32	45.22	-0.90	74.00	-29.68	100	54	Peak



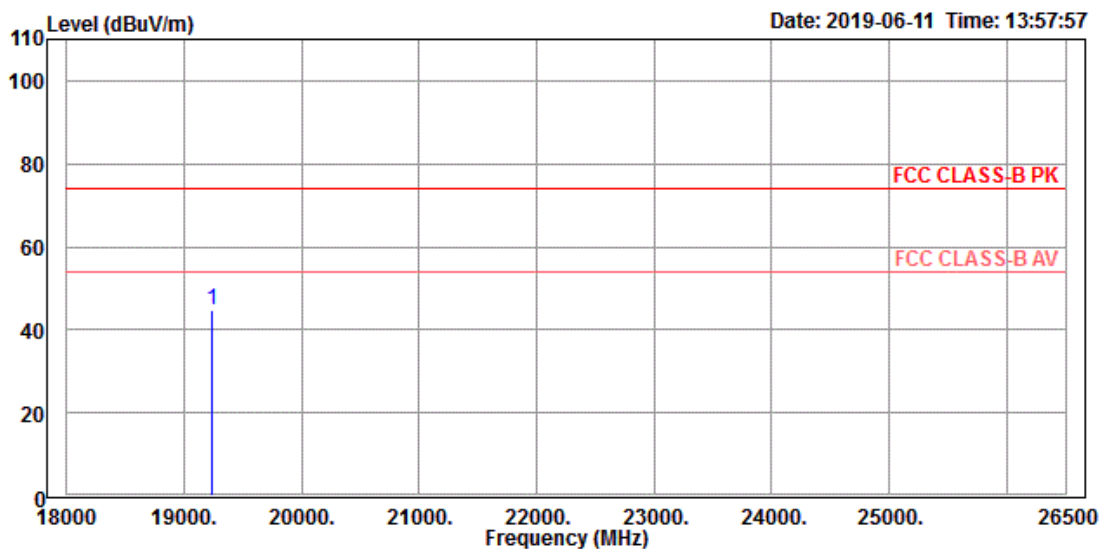
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2402
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	21658.700	44.81	43.64	1.17	74.00	-29.19	100	186	Peak



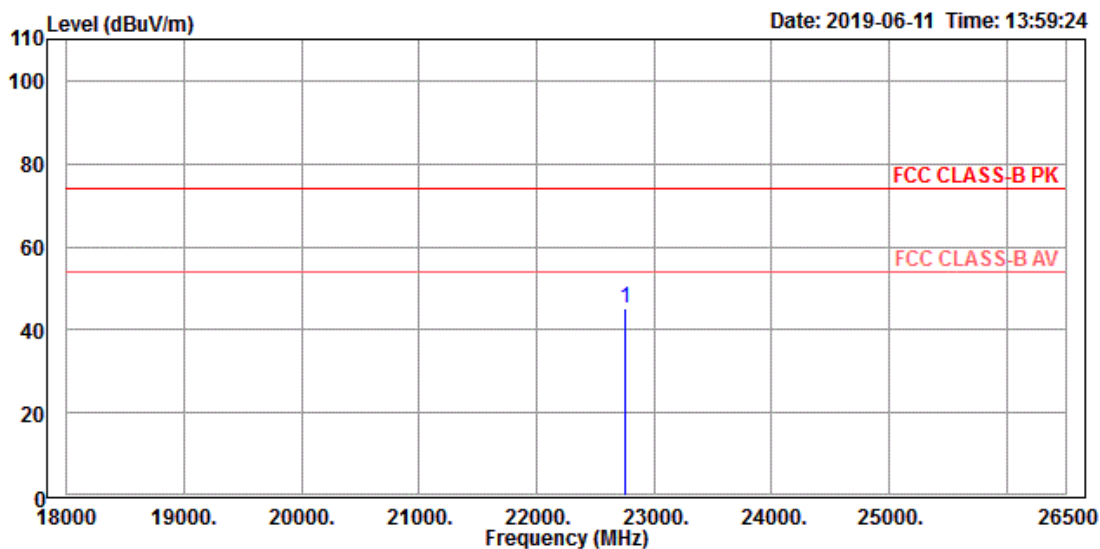
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2441
Memo : X(側立)

			Read		Limit	Over	APos	TPos	
	Freq	Level	Level	Factor	Line	Limit			Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	20611.590	45.22	44.49	0.73	74.00	-28.78	100	303	Peak



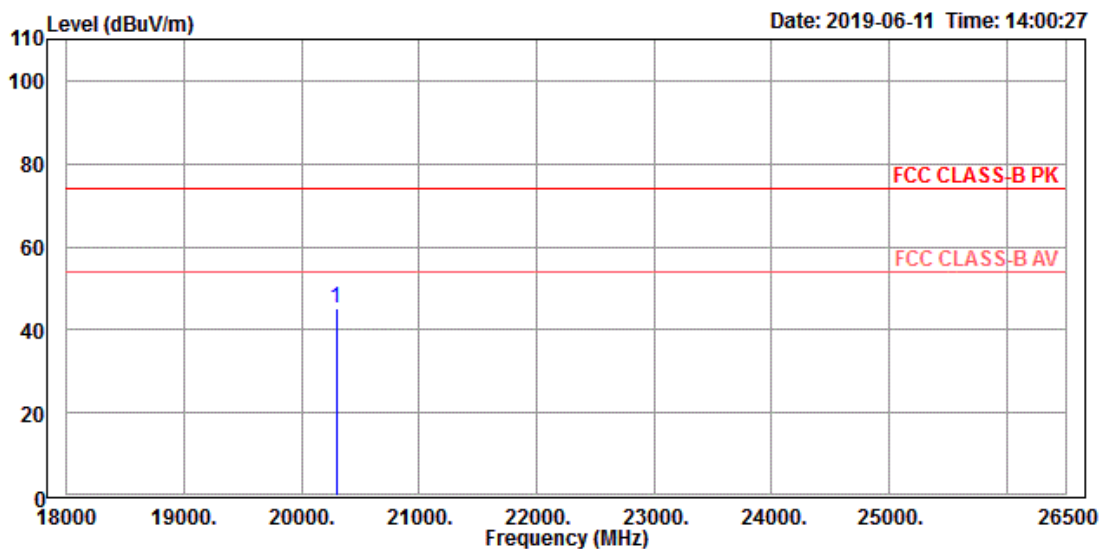
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2441
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	19231.880	44.78	45.43	-0.65	74.00	-29.22	100	238	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	22755.070	45.02	43.10	1.92	74.00	-28.98	100	348	Peak



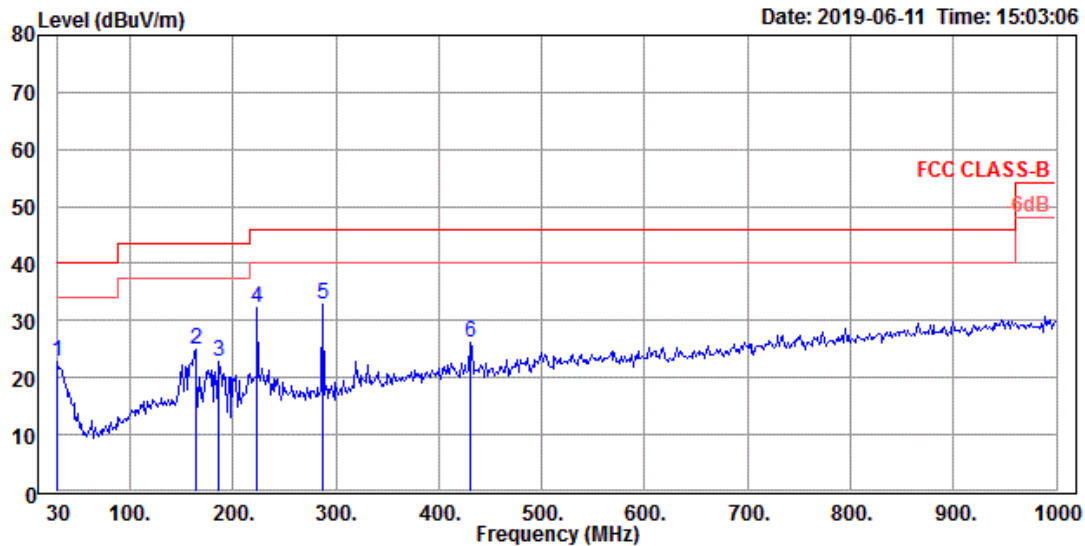
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2480
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	20291.300	45.15	44.35	0.80	74.00	-28.85	100	110	Peak

Spurious Emissions, TX Mode, 30M-1G

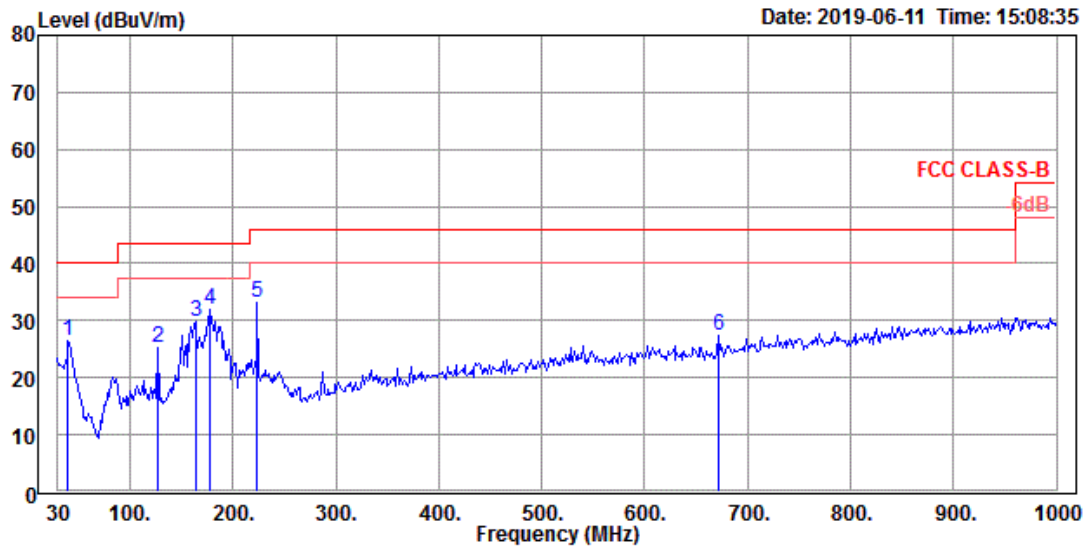


TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



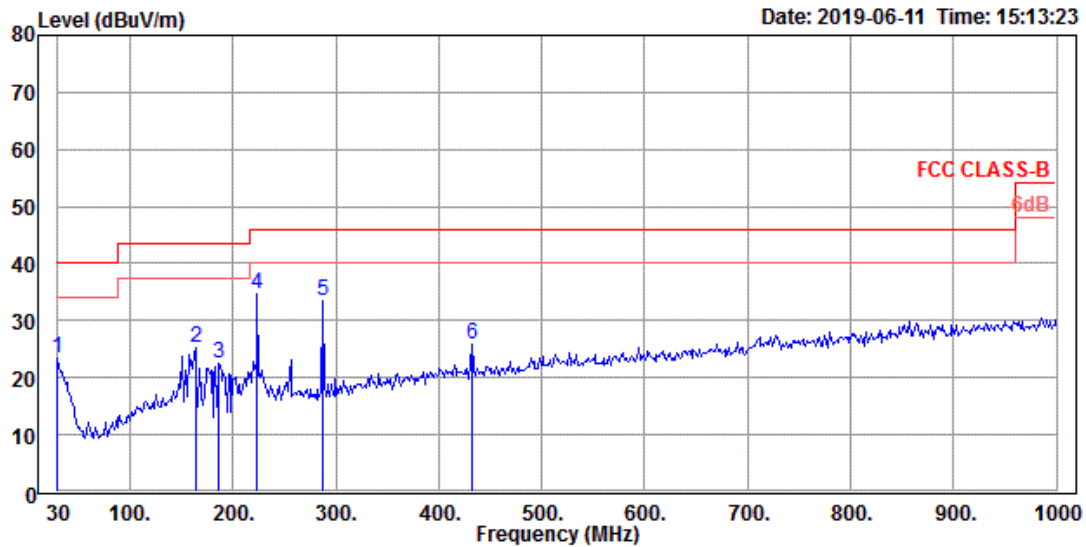
Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2441
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBUV/m	dBUV	dB/m	dBUV/m	dB	cm	deg	
1	30.000	22.91	26.19	-3.28	40.00	-17.09	100	117	QP
2	163.551	25.08	36.60	-11.52	43.50	-18.42	100	111	QP
3	186.044	22.84	35.76	-12.92	43.50	-20.66	200	142	QP
4	224.000	32.10	43.42	-11.32	46.00	-13.90	100	317	QP
5	287.261	32.74	41.00	-8.26	46.00	-13.26	300	256	QP
6	430.652	26.21	31.67	-5.46	46.00	-19.79	100	268	QP



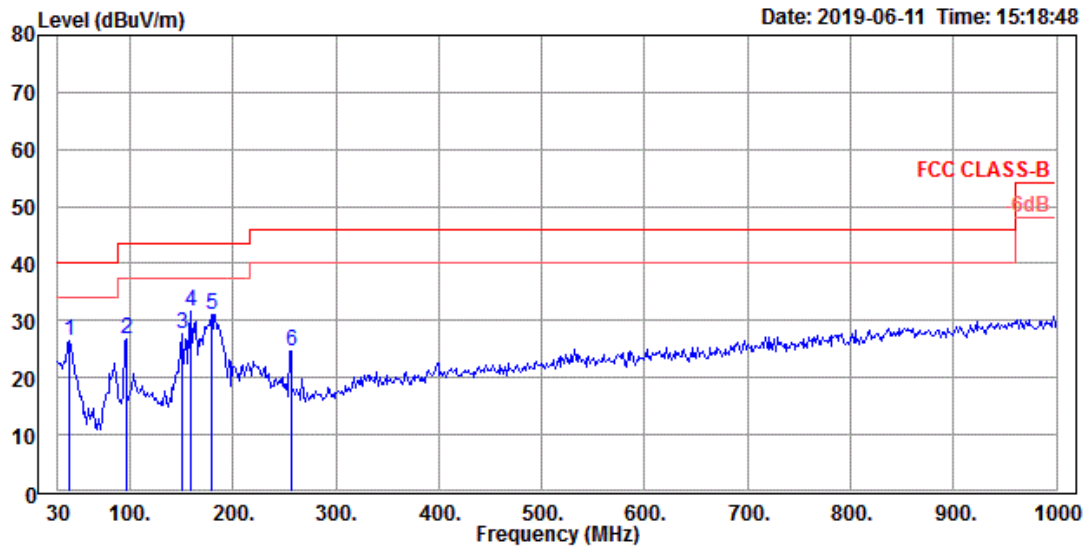
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2441
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	39.841	26.46	35.37	-8.91	40.00	-13.54	100	344	QP
2	127.000	25.11	35.58	-10.47	43.50	-18.39	100	147	QP
3	163.551	29.91	41.43	-11.52	43.50	-13.59	100	84	QP
4	177.609	31.96	44.75	-12.79	43.50	-11.54	100	128	QP
5	224.000	33.09	44.41	-11.32	46.00	-12.91	100	327	QP
6	672.449	27.38	29.46	-2.08	46.00	-18.62	100	32	QP



Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2441
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	30.000	23.34	26.62	-3.28	40.00	-16.66	100	77	QP
2	163.551	25.26	36.78	-11.52	43.50	-18.24	100	121	QP
3	186.044	22.45	35.37	-12.92	43.50	-21.05	100	137	QP
4	224.000	34.75	46.07	-11.32	46.00	-11.25	200	256	QP
5	287.261	33.45	41.71	-8.26	46.00	-12.55	100	195	QP
6	432.058	25.81	31.27	-5.46	46.00	-20.19	300	232	QP



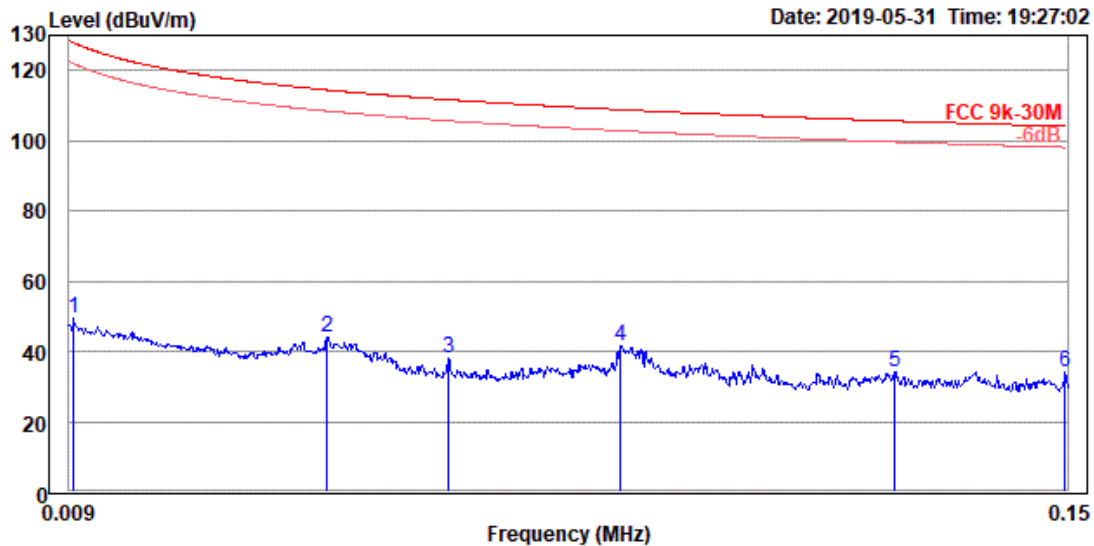
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.2 °C / 54 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 3DH5 TX 2441
Memo : X(側立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg	
1	41.246	26.52	36.21	-9.69	40.00	-13.48	100	281	QP
2	96.072	26.85	40.12	-13.27	43.50	-16.65	100	1	QP
3	150.899	27.73	38.45	-10.72	43.50	-15.77	100	90	QP
4	159.333	31.75	42.84	-11.09	43.50	-11.75	100	8	QP
5	179.015	31.15	44.04	-12.89	43.50	-12.35	100	120	QP
6	256.333	24.66	33.28	-8.62	46.00	-21.34	100	254	QP

Spurious Emissions, TX Mode, 9K-30M

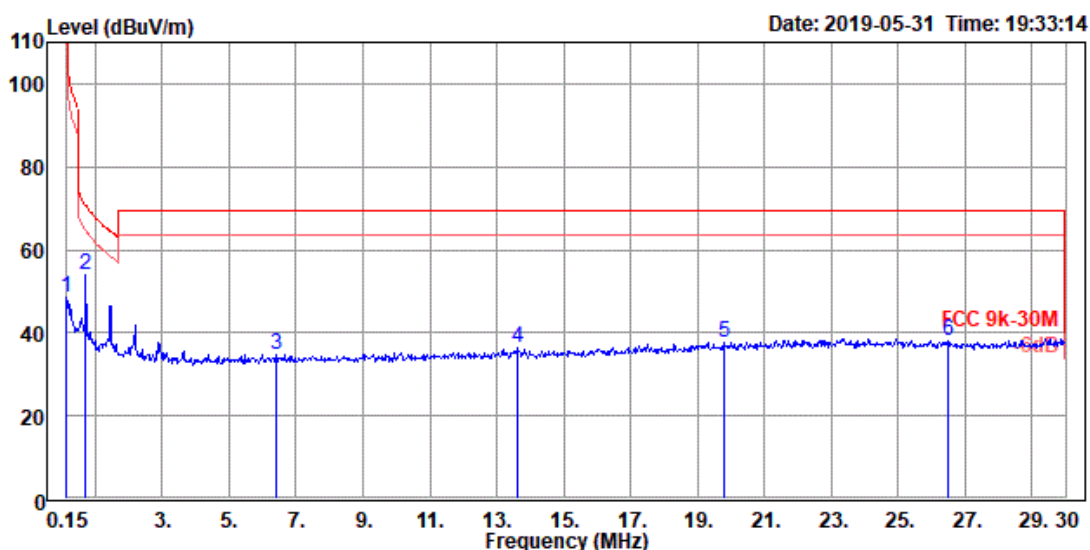


TUV Rheinland Taiwan Ltd.
11F., No.758, Sec. 4 Bade Road, Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



Site : 966A Chamber A
Condition : FCC 9k-30M 3m vertical
Test Engineer: Kai Wang
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 23.2 °C / 52 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2441
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	0.010	49.19	30.73	18.46	127.85	-78.66	100	257	QP	
2	0.046	44.19	25.18	19.01	114.43	-70.24	100	113	QP	
3	0.063	37.82	19.05	18.77	111.67	-73.85	100	85	QP	
4	0.087	41.56	23.08	18.48	108.81	-67.25	100	169	QP	
5	0.126	34.23	15.89	18.34	105.62	-71.39	100	305	QP	
6	0.150	33.92	15.57	18.35	104.09	-70.17	100	227	QP	



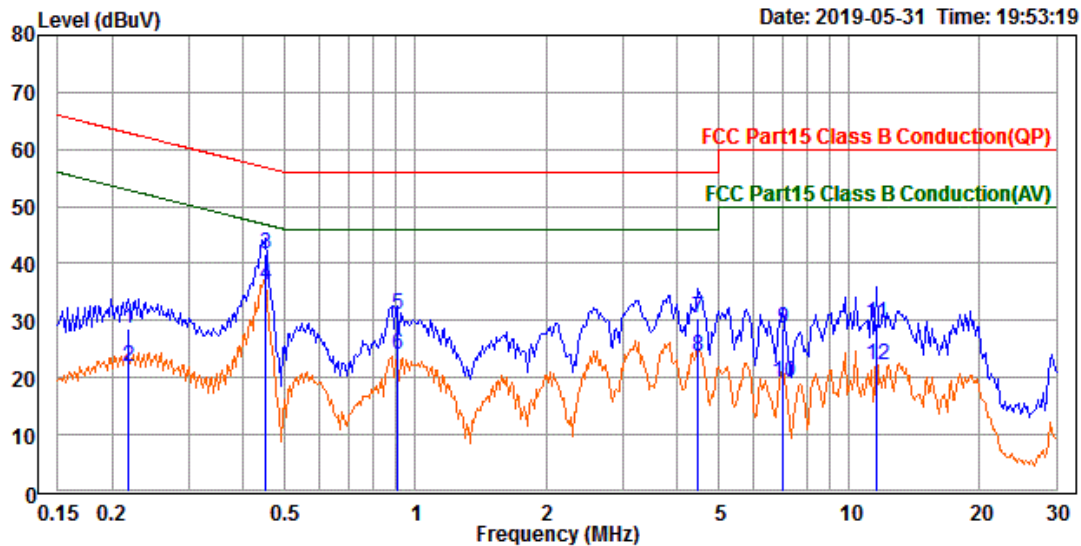
Site : 966A Chamber A
Condition : FCC 9k-30M 3m vertical
Test Engineer: Kai Wang
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 23.2 °C / 52 %
Power Setting: 0 , 7 , 0(預設)
Mode : BT 1DH5 TX 2441
Memo : Z(平躺)

	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	48.43	30.08	18.35	104.08	-55.65	100	240	QP	
2	0.717	54.04	35.38	18.66	70.50	-16.46	100	163	QP	
3	6.389	34.79	15.05	19.74	69.50	-34.71	100	325	QP	
4	13.642	36.33	15.47	20.86	69.50	-33.17	100	150		
5	19.821	37.76	16.18	21.58	69.50	-31.74	100	292	QP	
6	26.478	37.97	16.13	21.84	69.50	-31.53	100	95	QP	

Spurious Emissions, AC Mains



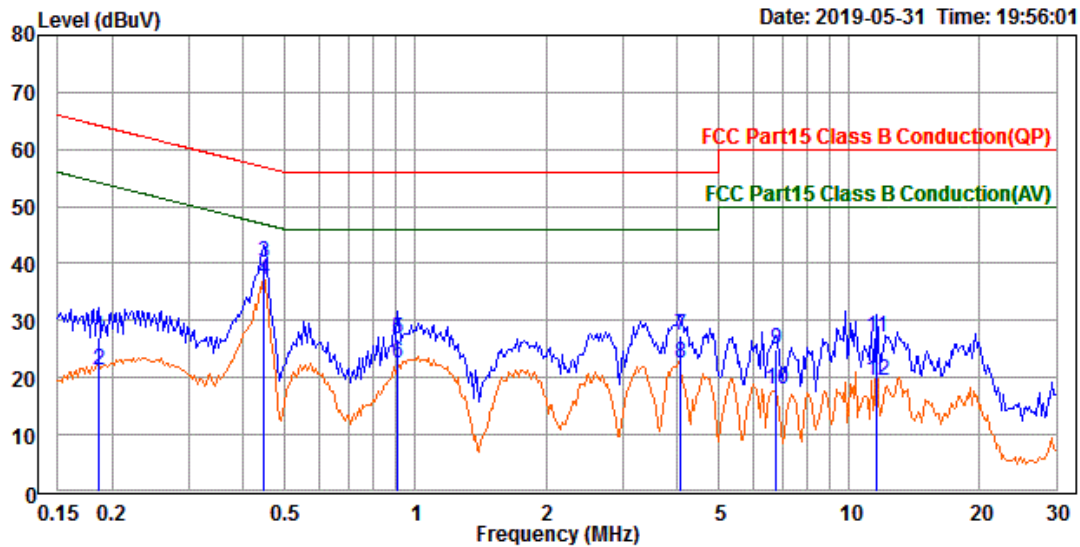
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kai Wang
Product : Bluetooth Audio Receiver
Model No. : RF-BTR319
Test Rating : 120Vac/60Hz
Tmp/Hum : 23.2 °C / 52 %
Power Setting: 0 , 7 , 0(預設)
Mode : AC Mains
Memo : Z(平躺)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.219	19.03	9.68	28.71	62.86	-34.15	QP
2	0.219	12.35	9.68	22.03	52.86	-30.83	Average
3	0.452	32.00	9.69	41.69	56.84	-15.15	QP
4	0.452	26.51	9.69	36.20	46.84	-10.64	Average
5	0.907	21.29	9.70	30.99	56.00	-25.01	QP
6	0.907	14.44	9.70	24.14	46.00	-21.86	Average
7	4.493	20.61	9.76	30.37	56.00	-25.63	QP
8	4.493	13.91	9.76	23.67	46.00	-22.33	Average
9	7.028	18.91	9.79	28.70	60.00	-31.30	QP
10	7.028	9.51	9.79	19.30	50.00	-30.70	Average
11	11.553	19.66	9.84	29.50	60.00	-30.50	QP
12	11.553	12.28	9.84	22.12	50.00	-27.88	Average



Trace: 1

Site : Conduction room

Condition : FCC Part15 Class B Conduction(QP) neutral

Test Engineer: Kai Wang

Product : Bluetooth Audio Receiver

Model No. : RF-BTR319

Test Rating : 120Vac/60Hz

Tmp/Hum : 23.2 °C / 52 %

Power Setting: 0 , 7 , 0(預設)

Mode : AC Mains

Memo : Z(平躺)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.187	17.42	9.68	27.10	64.18	-37.08	QP
2	0.187	11.52	9.68	21.20	54.18	-32.98	Average
3	0.448	30.48	9.68	40.16	56.92	-16.76	QP
4	0.448	27.56	9.68	37.24	46.92	-9.68	Average
5	0.907	17.17	9.70	26.87	56.00	-29.13	QP
6	0.907	12.90	9.70	22.60	46.00	-23.40	Average
7	4.068	17.71	9.74	27.45	56.00	-28.55	QP
8	4.068	12.77	9.74	22.51	46.00	-23.49	Average
9	6.754	15.03	9.79	24.82	60.00	-35.18	QP
10	6.754	8.31	9.79	18.10	50.00	-31.90	Average
11	11.553	17.10	9.86	26.96	60.00	-33.04	QP
12	11.553	9.46	9.86	19.32	50.00	-30.68	Average