

Test Report No.50299853 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50299853AppendixD)

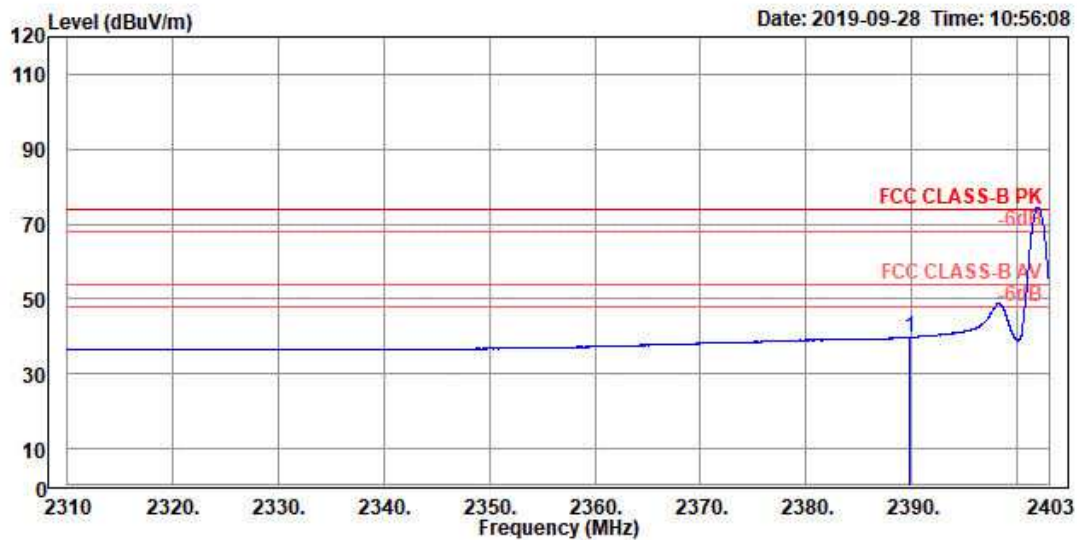
Contents

Spurious Emissions, Band Edges, 2.35-2.5G-1DH5	2
Spurious Emissions, Band Edges, 2.35-2.5G-3DH5	10
Spurious Emissions, TX Mode, 1-18G-1DH5.....	18
Spurious Emissions, TX Mode, 18-26G-1DH5.....	24
Spurious Emissions, TX Mode, 30M-1G-1DH5	30
Spurious Emissions, TX Mode, 9k-30M-1DH5	32
Spurious Emissions, TX Mode, 1-18G-3DH5.....	34
Spurious Emissions, TX Mode, 18-26G-3DH5.....	40
Spurious Emissions, Mains, 150kHz - 30MHz	46

Spurious Emissions, Band Edges, 2.35-2.5G-1DH5

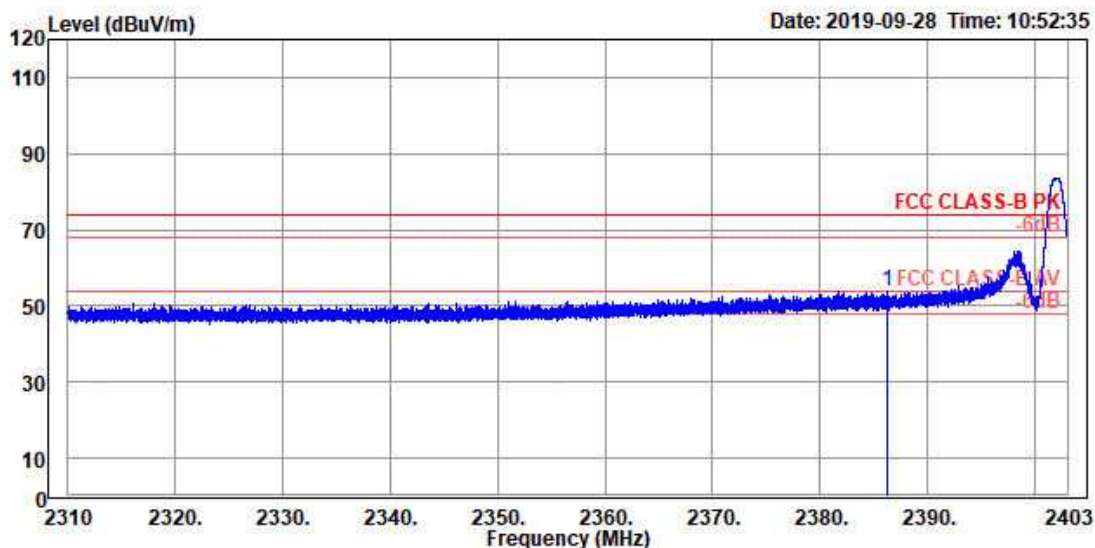


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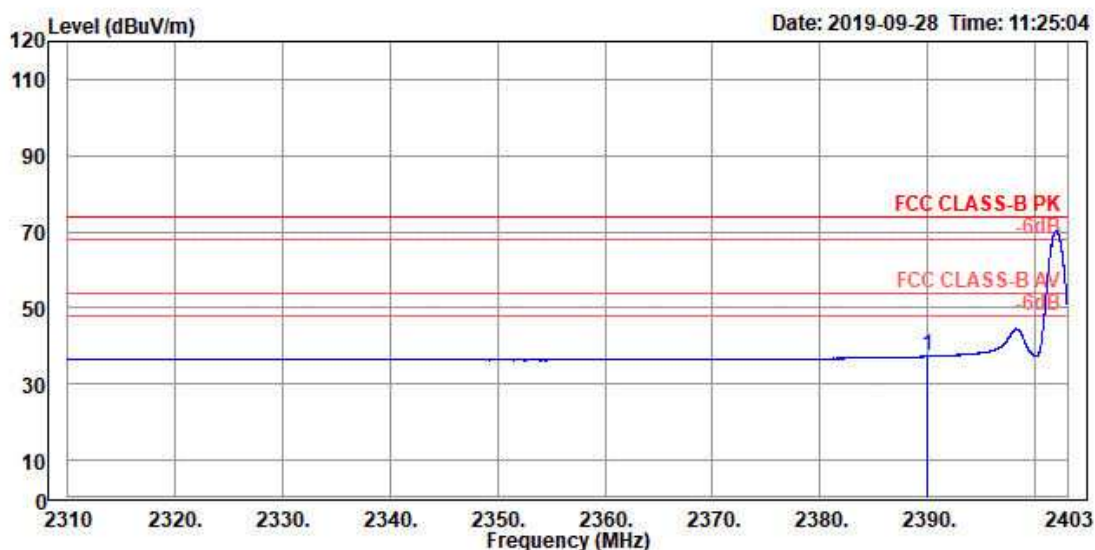
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2389.794	4.03	35.77	39.80	54.00	-14.20	101	205	Average	



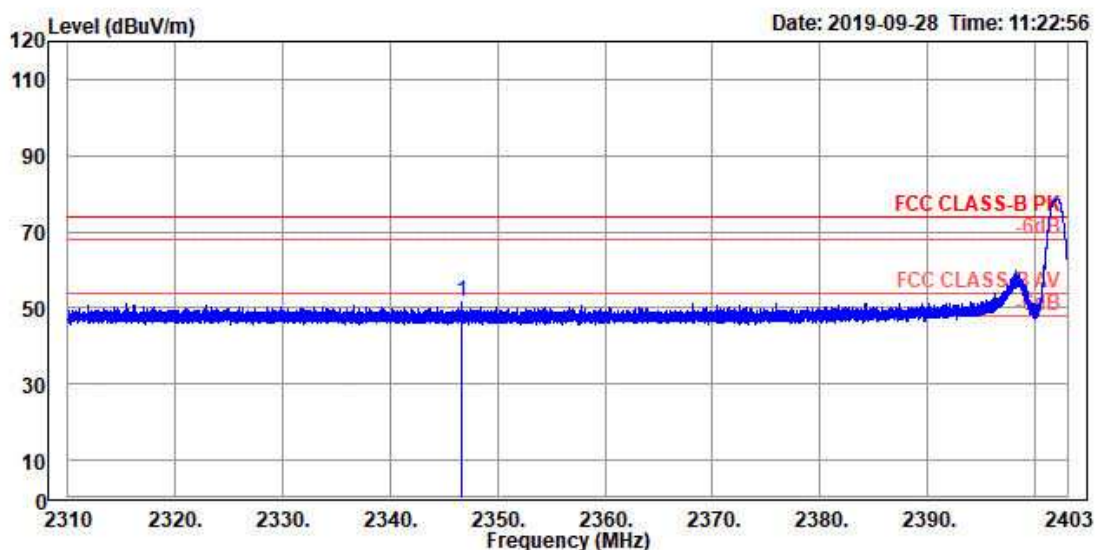
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2386.260	18.28	35.76	54.04	74.00	-19.96	101	205	Peak	



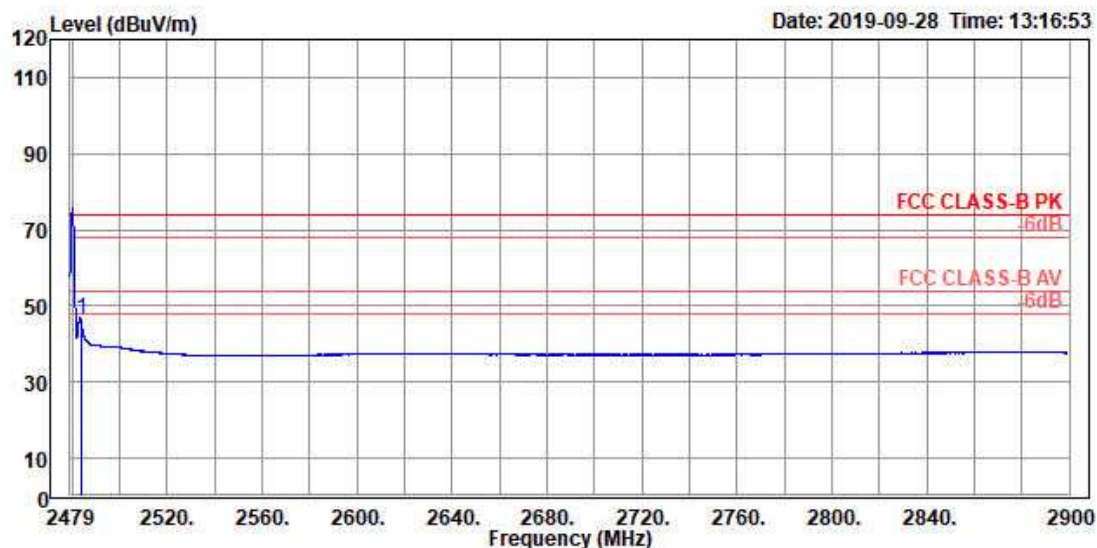
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2389.988	1.53	35.77	37.30	54.00	-16.70	281	360	Average	



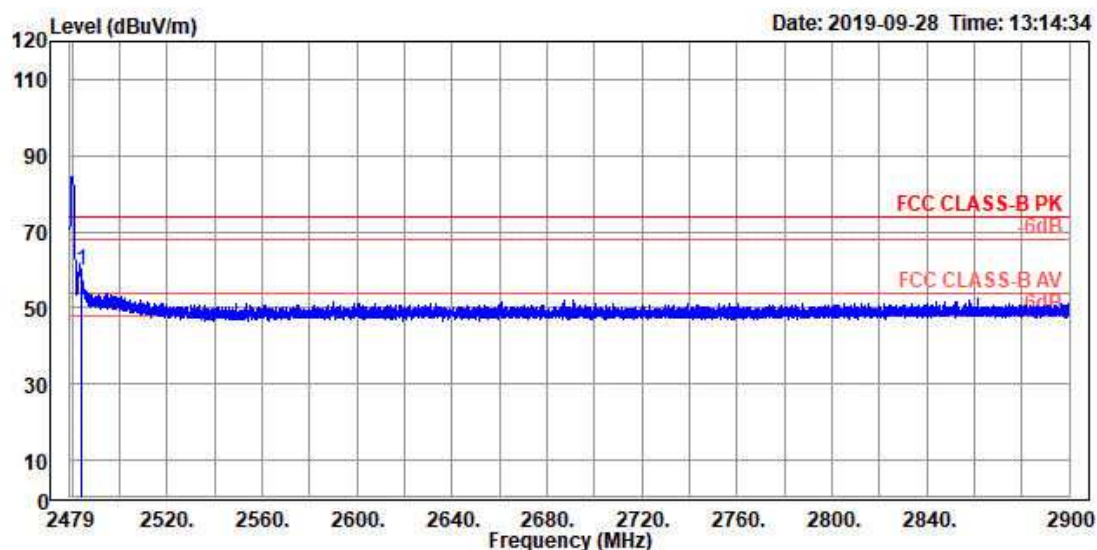
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2346.571	15.83	35.73	51.56	74.00	-22.44	281	360	Peak	



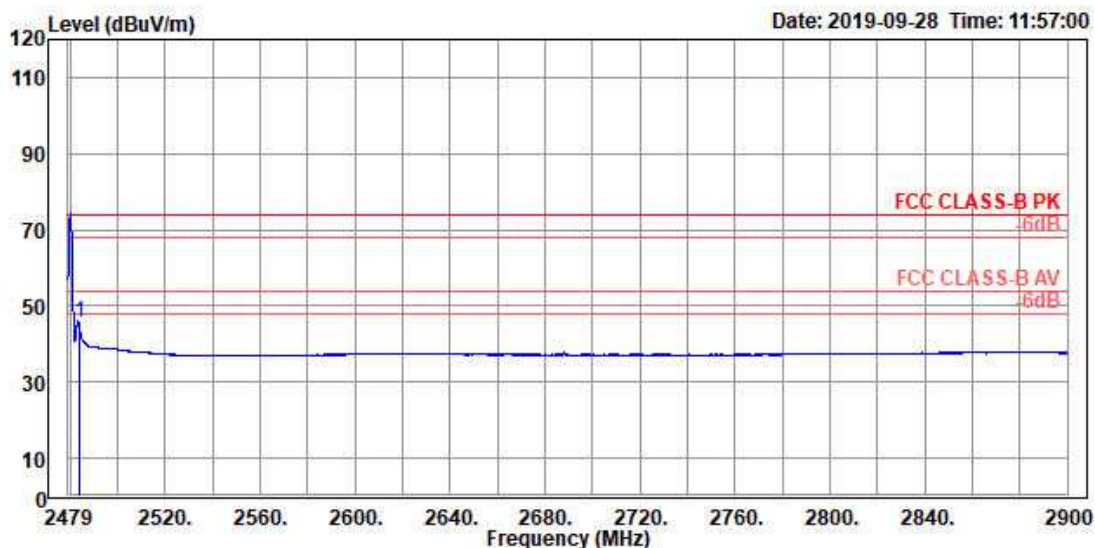
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2480MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.456	10.34	36.12	46.46	54.00	-7.54	112	222	Average	



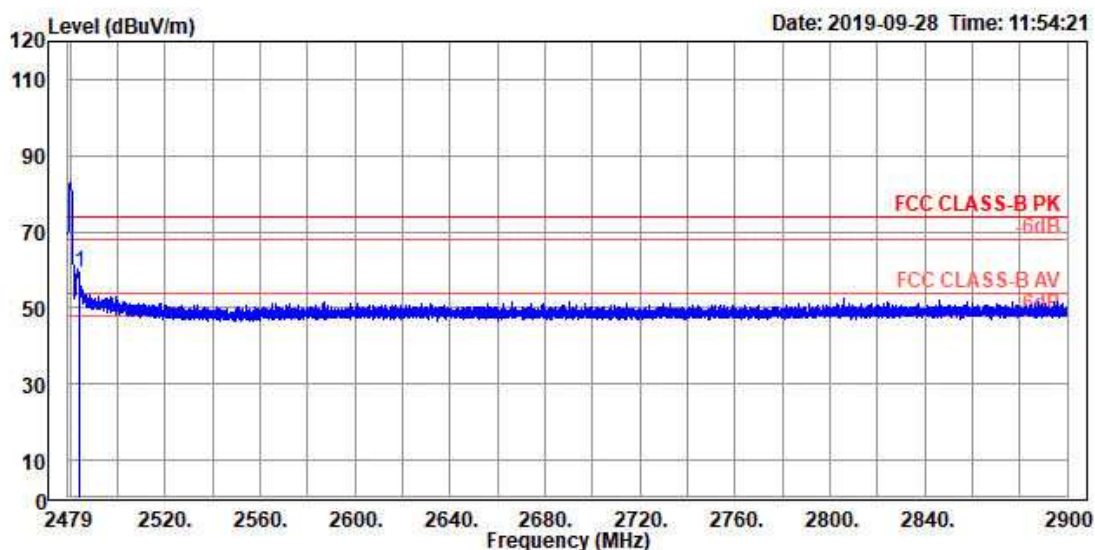
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2480MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.456	23.65	36.12	59.77	74.00	-14.23	112	222	Peak	



Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2480MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.456	9.64	36.12	45.76	54.00	-8.24	122	195	Average	



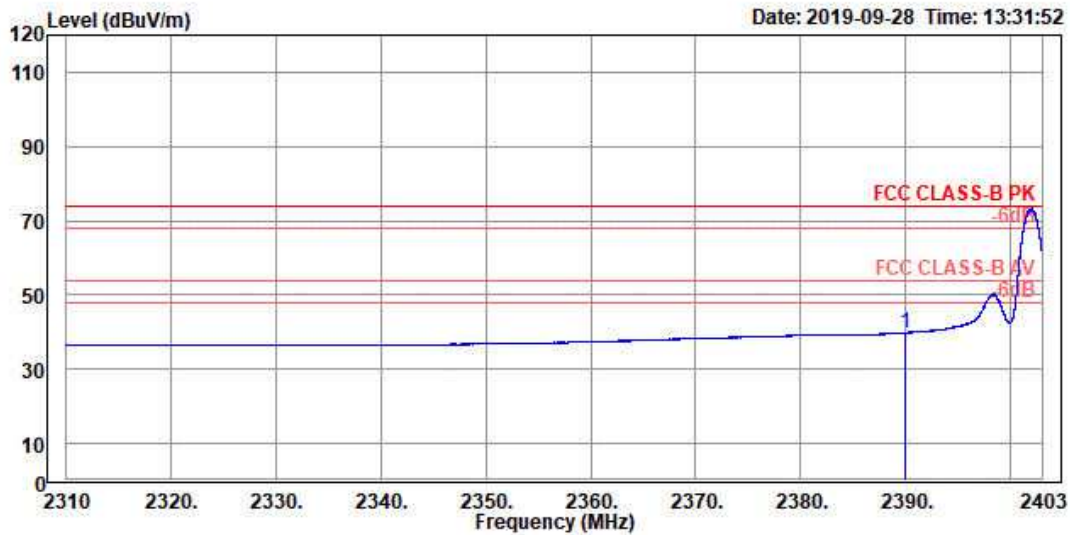
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2480MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.456	23.35	36.12	59.47	74.00	-14.53	122	195	Peak	

Spurious Emissions, Band Edges, 2.35-2.5G-3DH5

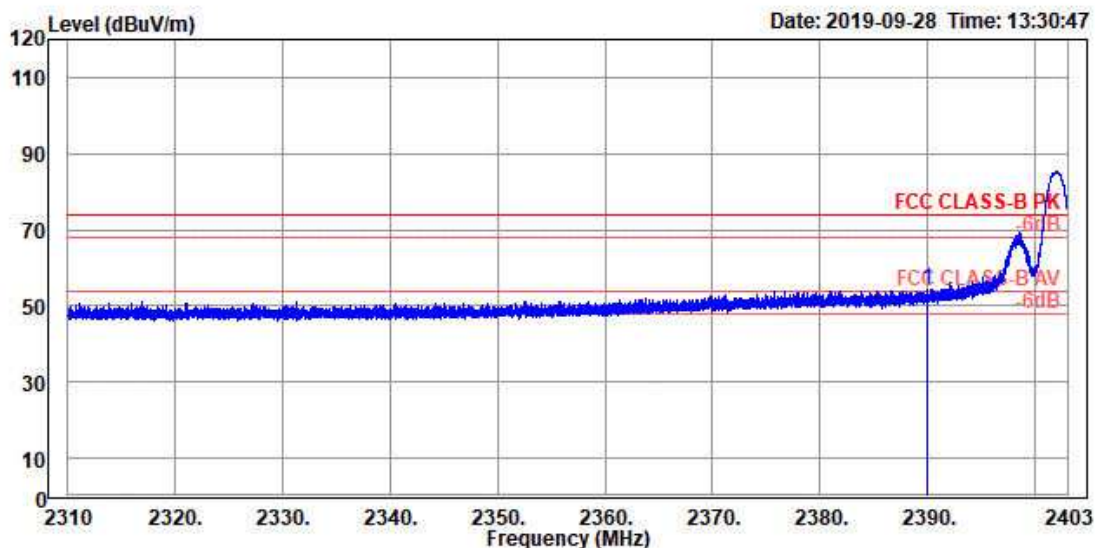


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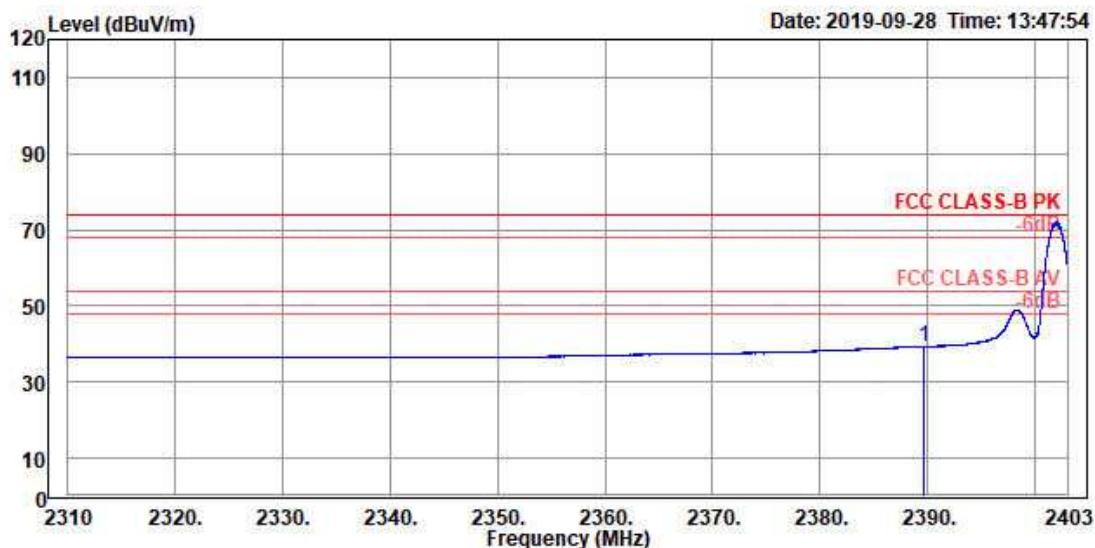
Site : 966A Chamber A
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Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2389.957	4.07	35.77	39.84	54.00	-14.16	102	205	Average	



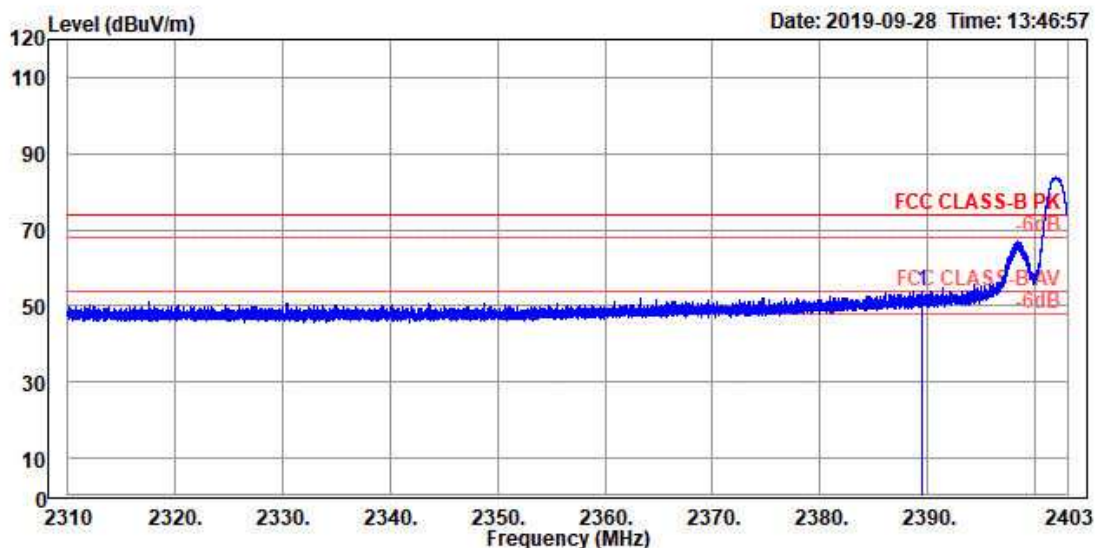
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2389.934	18.33	35.77	54.10	74.00	-19.90	102	205	Peak	



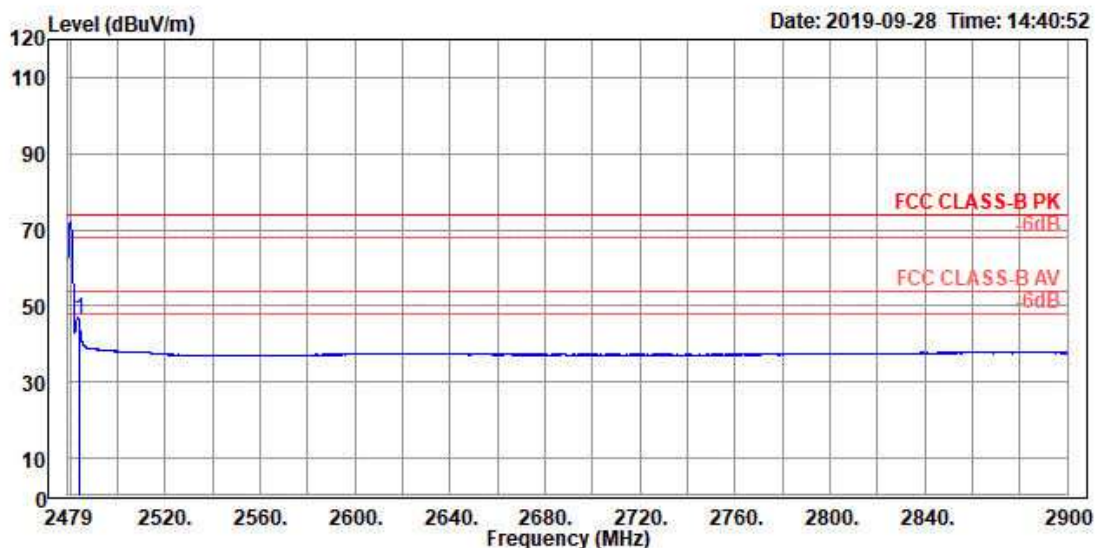
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2389.662	3.60	35.77	39.37	54.00	-14.63	183	227	Average	



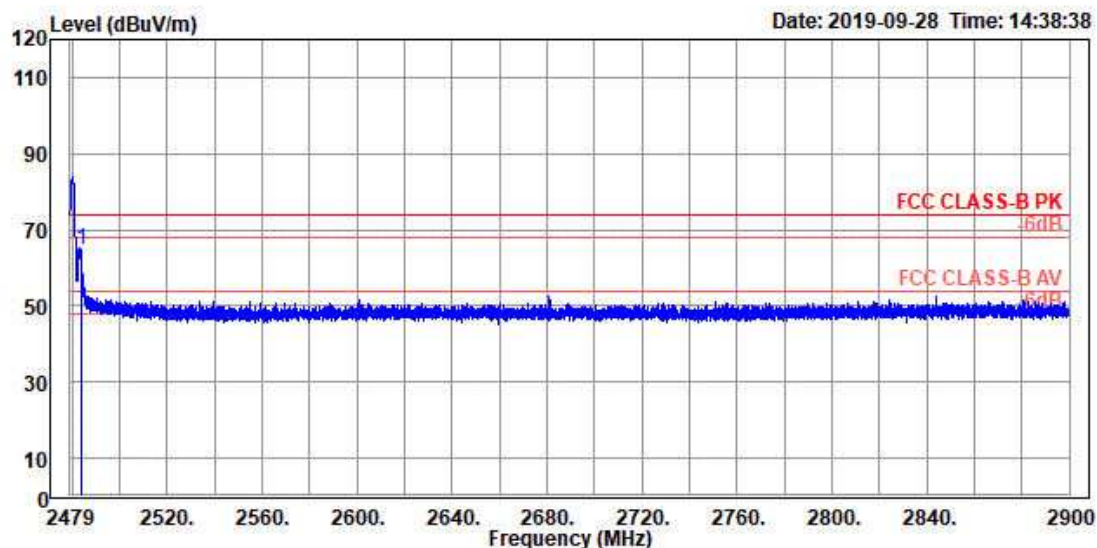
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2389.438	18.15	35.77	53.92	74.00	-20.08	183	227	Peak	



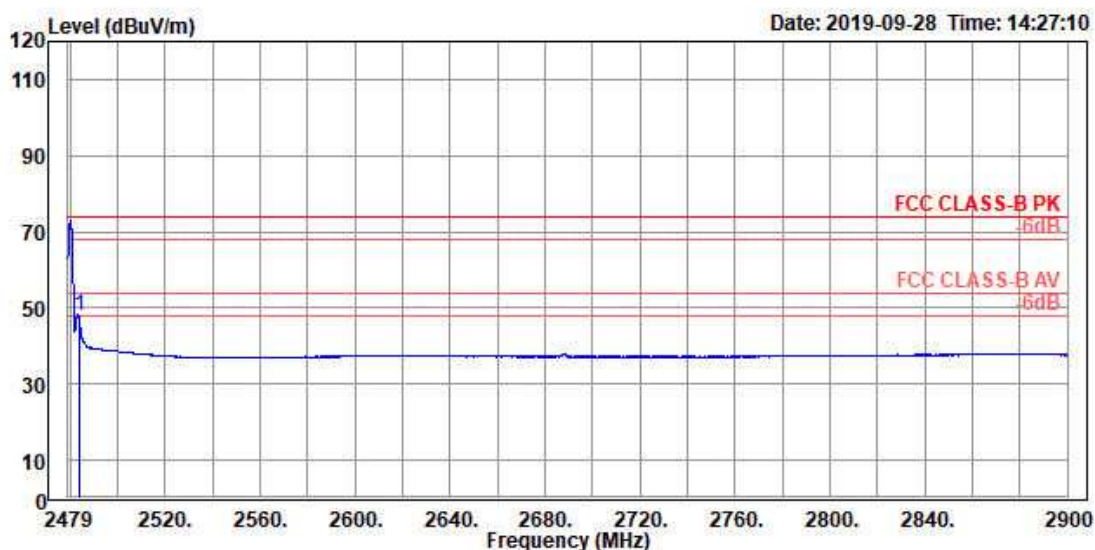
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2480MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.456	10.44	36.12	46.56	54.00	-7.44	230	208	Average	



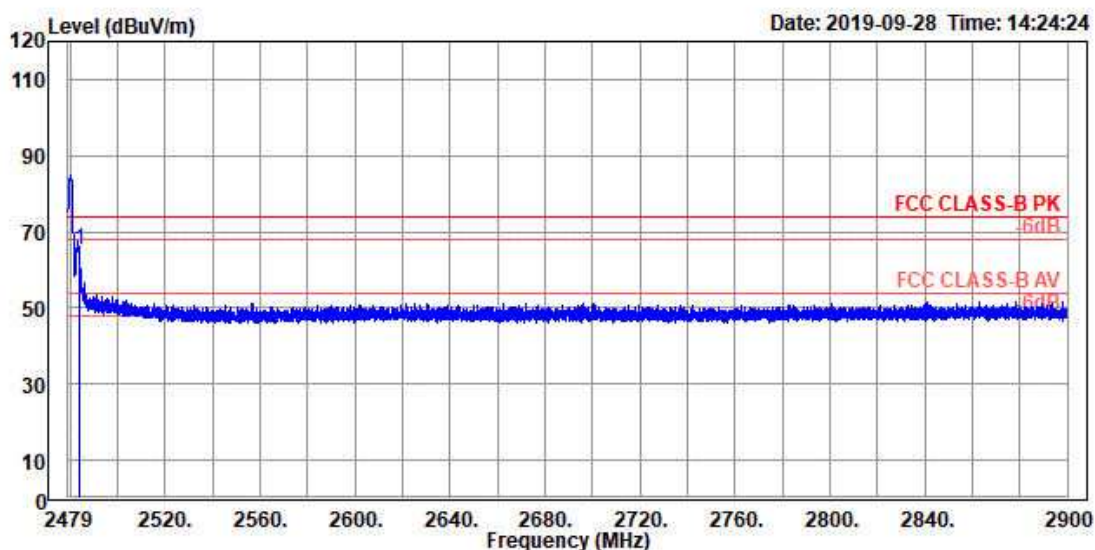
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2480MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.491	28.52	36.12	64.64	74.00	-9.36	230	208	Peak	



Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2480MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.456	11.81	36.12	47.93	54.00	-6.07	122	194	Average	



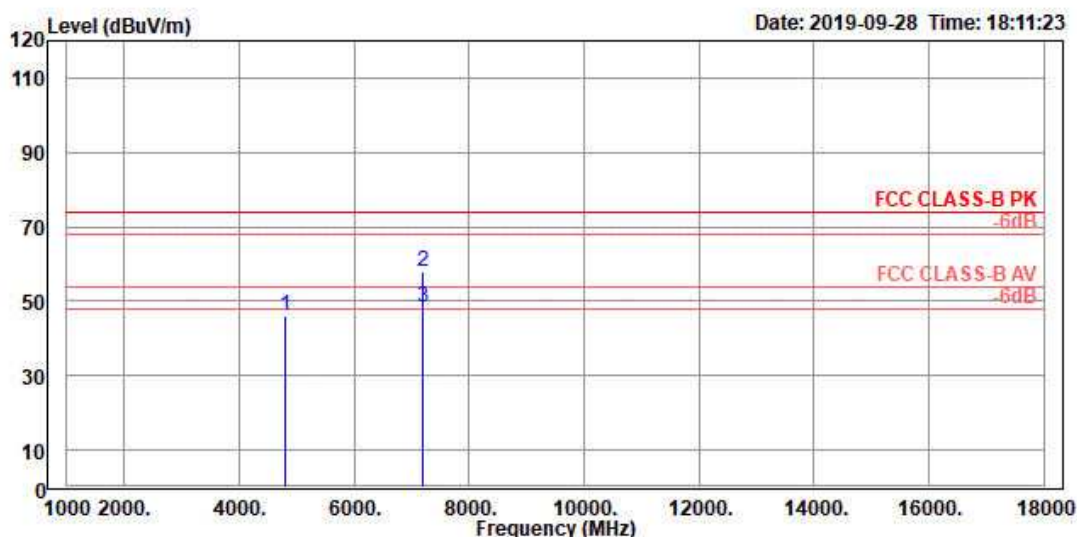
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2480MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.456	29.10	36.12	65.22	74.00	-8.78	122	194	Peak	

Spurious Emissions, TX Mode, 1-18G-1DH5

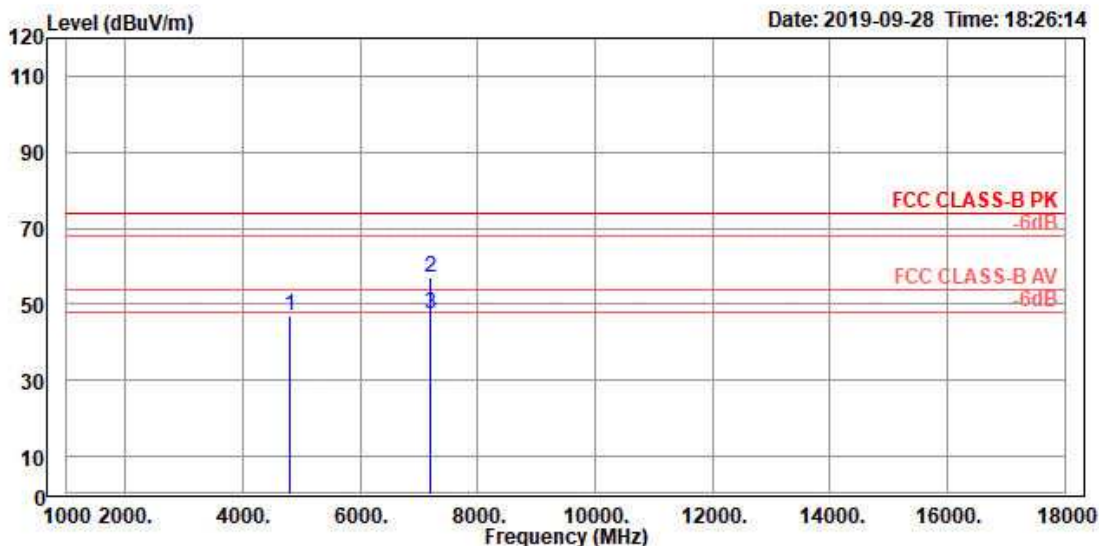


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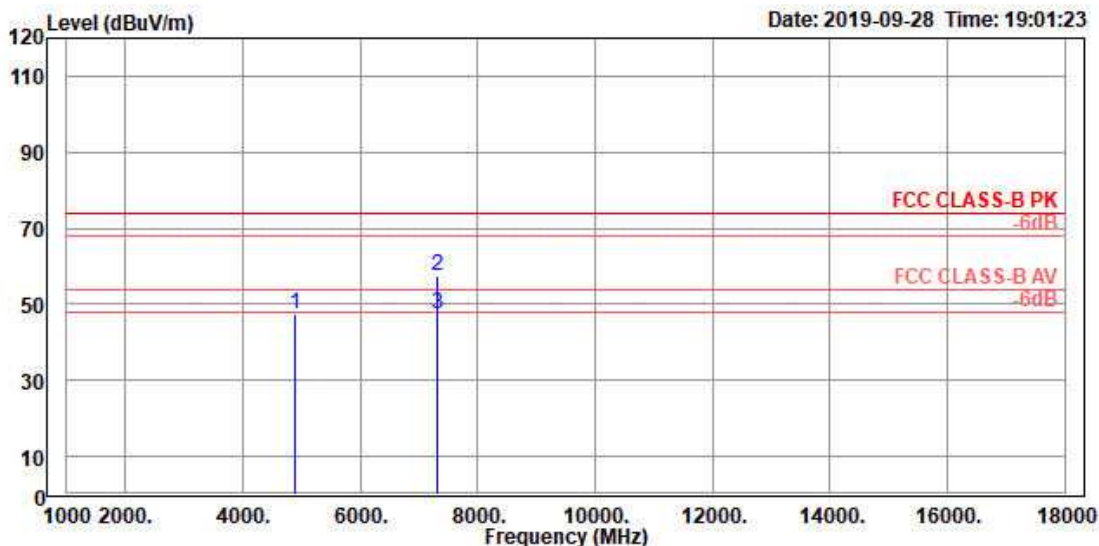
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4804.000	49.80	-3.54	46.26	74.00	-27.74	156	92	Peak	
2	7206.000	53.80	4.33	58.13	74.00	-15.87	162	244	Peak	
3 !	7206.000	44.01	4.33	48.34	54.00	-5.66	162	244	Average	



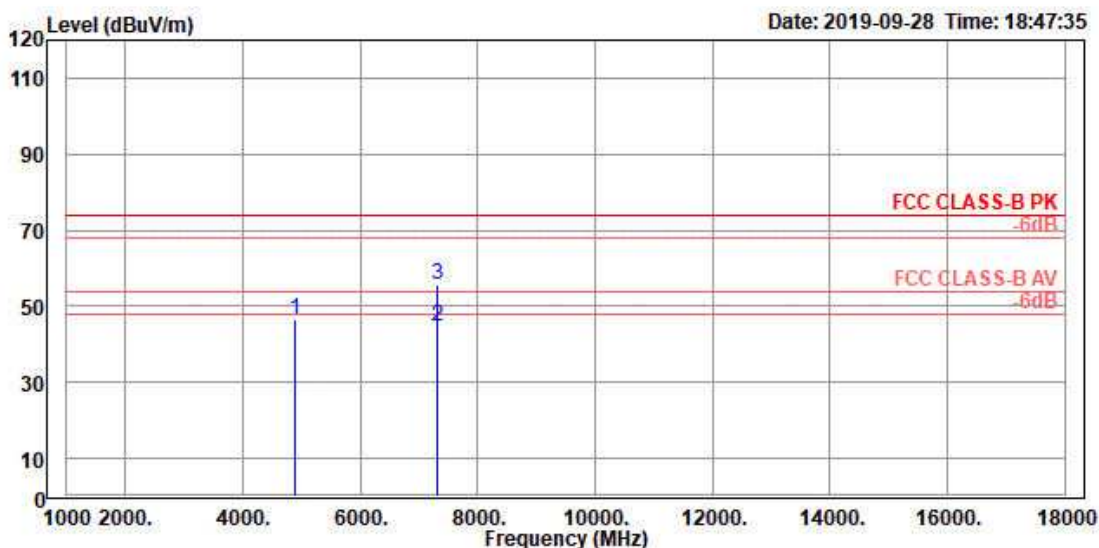
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4804.000	50.37	-3.54	46.83	74.00	-27.17	150	105	Peak	
2	7206.000	52.89	4.33	57.22	74.00	-16.78	107	350	Peak	
3	7206.000	43.10	4.33	47.43	54.00	-6.57	107	350	Average	



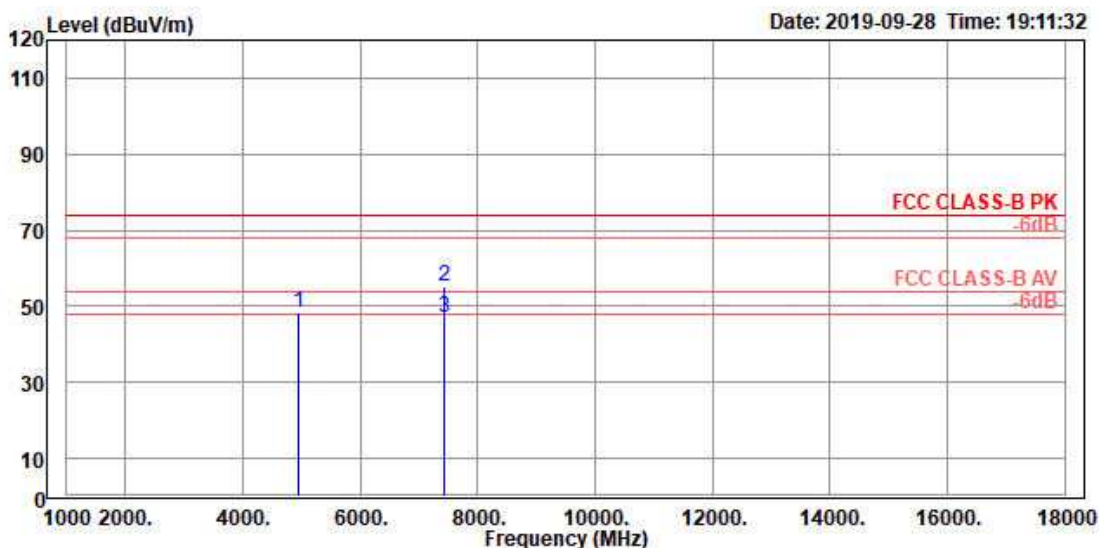
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2441MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4882.000	51.01	-3.44	47.57	74.00	-26.43	110	55	Peak	
2	7323.000	52.76	4.57	57.33	74.00	-16.67	102	236	Peak	
3	7323.000	42.87	4.57	47.44	54.00	-6.56	102	236	Average	



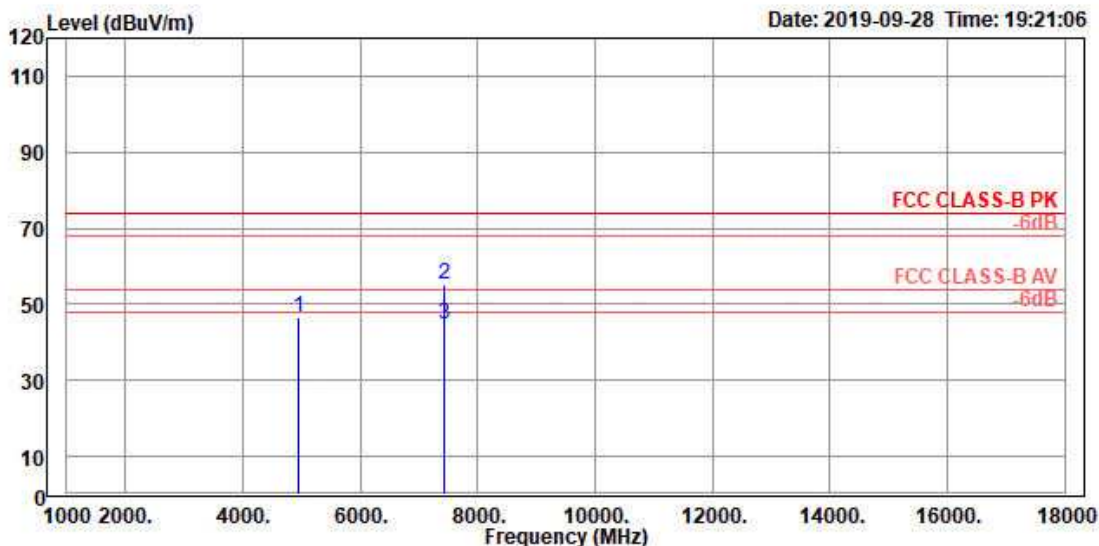
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2441MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4882.000	49.87	-3.44	46.43	74.00	-27.57	105	96	Peak	
2	7323.000	40.37	4.57	44.94	54.00	-9.06	120	137	Average	
3	7323.000	51.22	4.57	55.79	74.00	-18.21	120	137		



Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2480MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4960.000	51.61	-3.32	48.29	74.00	-25.71	115	352	Peak	
2	7440.000	50.09	4.90	54.99	74.00	-19.01	116	235	Peak	
3	7440.000	41.87	4.90	46.77	54.00	-7.23	116	235	Average	



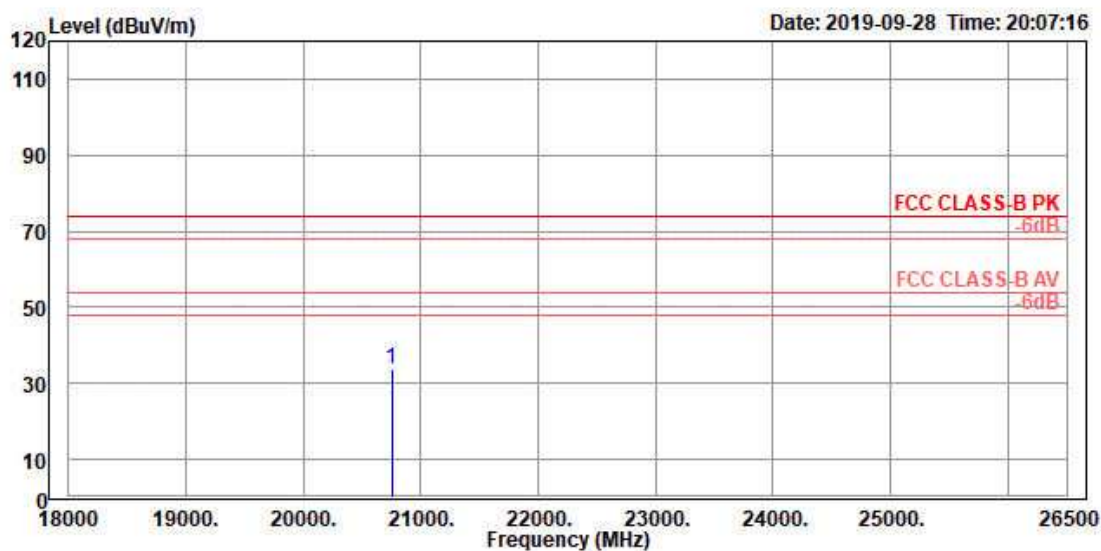
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2480MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4960.000	49.89	-3.32	46.57	74.00	-27.43	108	64	Peak	
2	7440.000	50.33	4.90	55.23	74.00	-18.77	104	344	Peak	
3	7440.000	39.90	4.90	44.80	54.00	-9.20	104	344	Average	

Spurious Emissions, TX Mode, 18-26G-1DH5

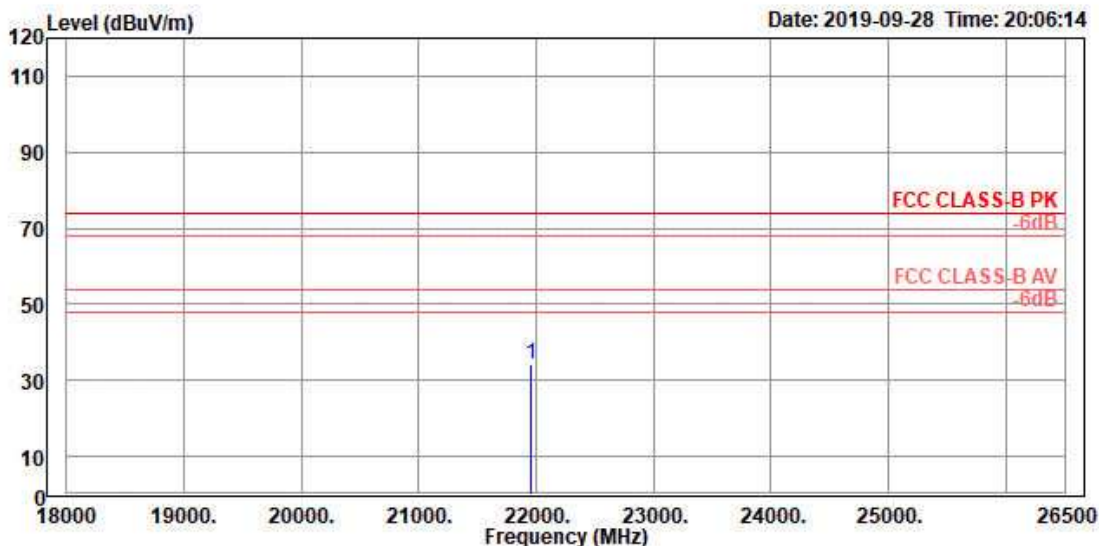


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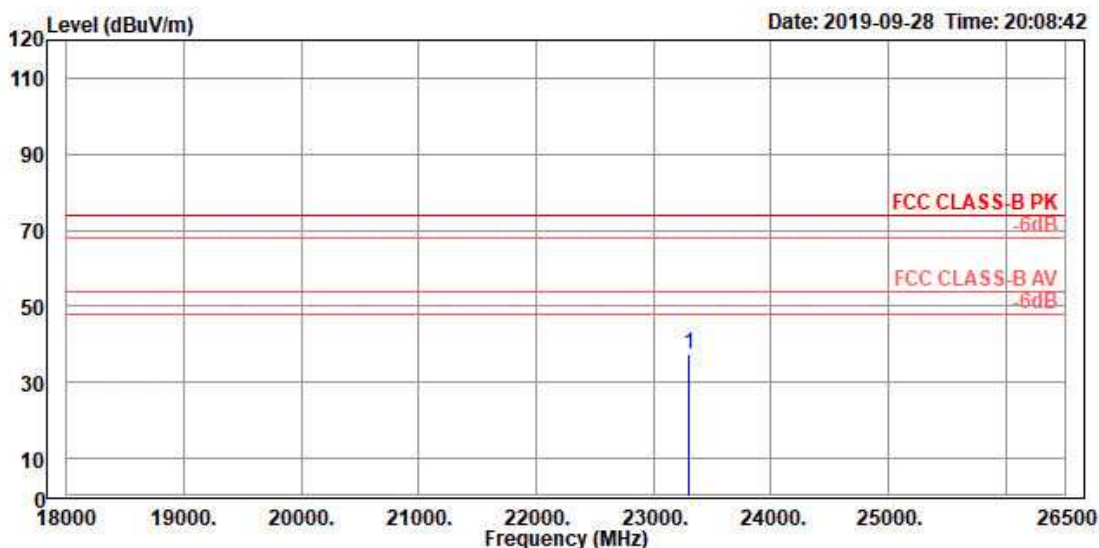
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Product : Delta Bluetooth Mono Speaker
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Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2402MHz
Memo : Power Setting 3

	Read		Limit	Over	APos	TPos		
Freq	Level	Factor	Level	Line	Limit		Remark	Note
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 20749.750	34.58	-0.80	33.78	74.00	-40.22	266	323	Peak



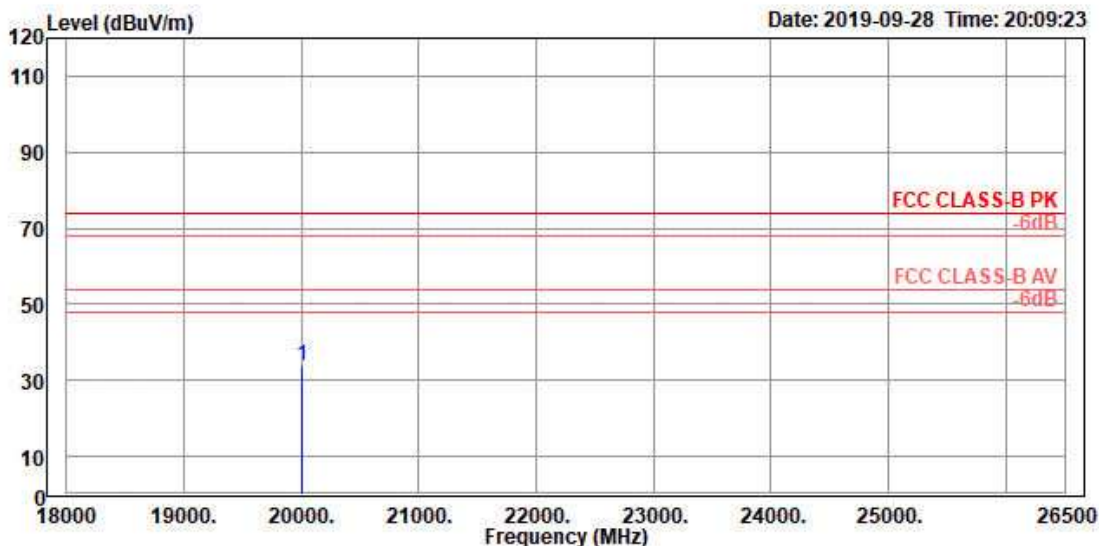
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Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	21957.600	34.74	-0.42	34.32	74.00	-39.68	109	129	Peak	



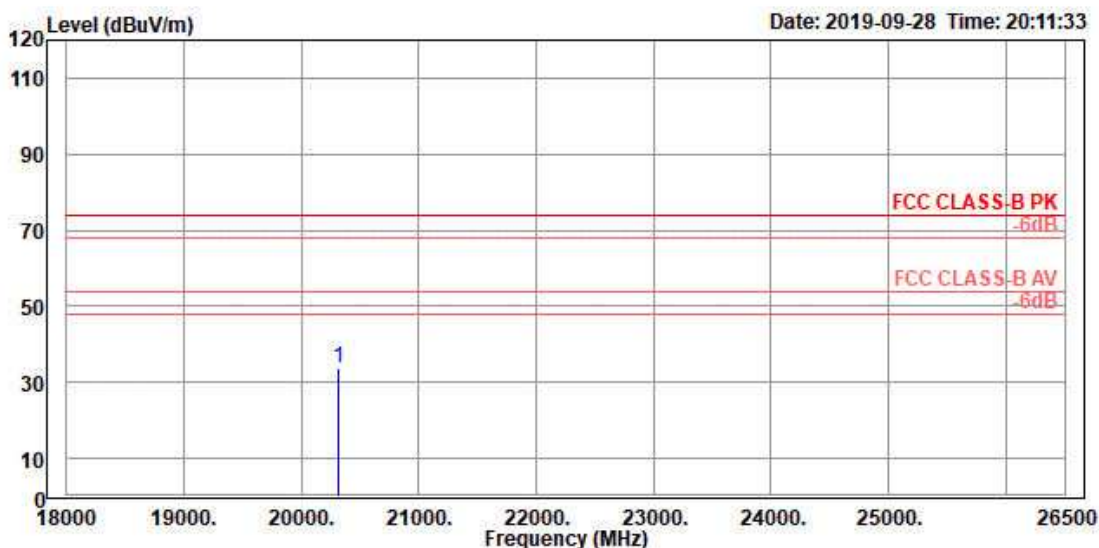
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2441MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	23298.050	36.44	0.95	37.39	74.00	-36.61	195	27	Peak	



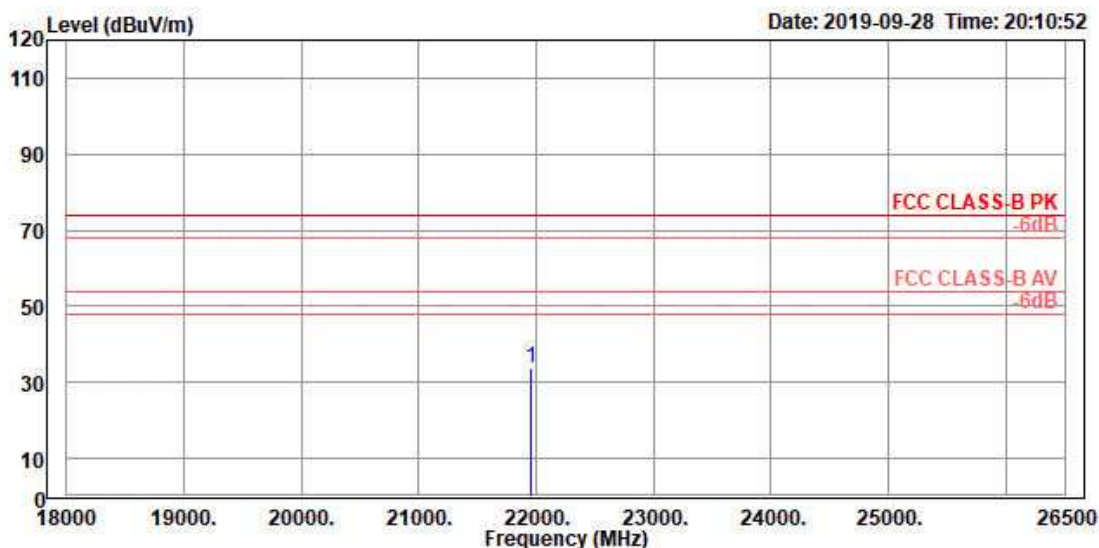
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2441MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	19998.350	35.47	-1.77	33.70	74.00	-40.30	111	265	Peak	



Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2480MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	20313.700	34.57	-0.91	33.66	74.00	-40.34	197	23	Peak	



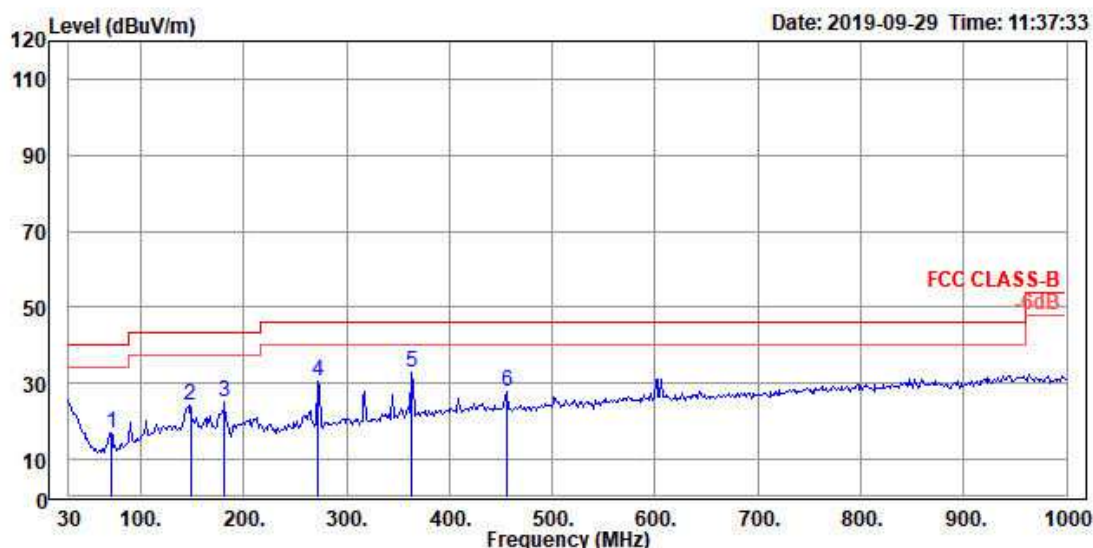
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2480MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	21955.050	34.37	-0.42	33.95	74.00	-40.05	168	163	Peak	

Spurious Emissions, TX Mode, 30M-1G-1DH5

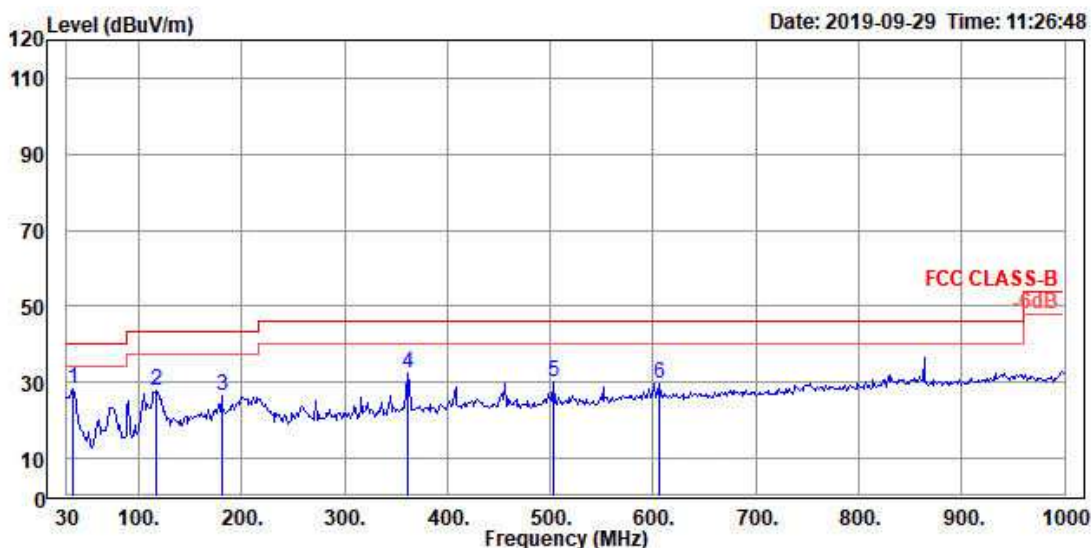


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Site : 966A Chamber A
Condition : FCC CLASS-B 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2441MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	70.768	30.03	-13.32	16.71	40.00	-23.29	100	141		
2	148.087	31.33	-7.18	24.15	43.50	-19.35	100	196		
3	181.826	34.93	-9.72	25.21	43.50	-18.29	100	236		
4	271.797	36.14	-5.66	30.48	46.00	-15.52	100	147		
5	363.174	36.50	-3.42	33.08	46.00	-12.92	100	314		
6	455.957	29.78	-2.17	27.61	46.00	-18.39	100	115		



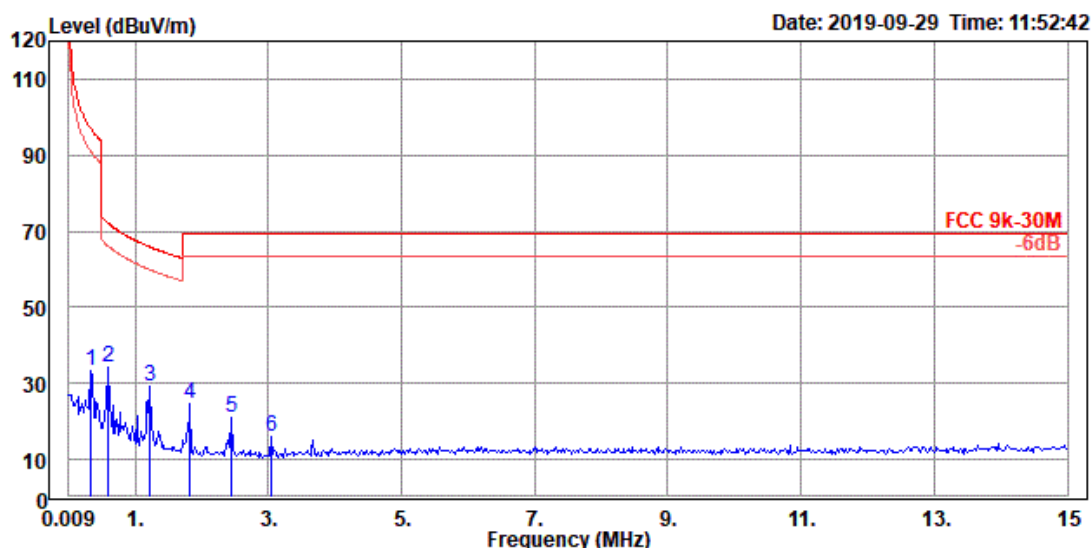
Site : 966A Chamber A
Condition : FCC CLASS-B 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2441MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	35.623	31.75	-3.29	28.46	40.00	-11.54	121	133		
2	117.159	35.59	-7.78	27.81	43.50	-15.69	100	355		
3	180.420	36.28	-9.68	26.60	43.50	-16.90	135	140		
4	361.768	35.75	-3.42	32.33	46.00	-13.67	100	129		
5	503.754	31.43	-1.44	29.99	46.00	-16.01	110	196		
6	606.377	30.00	-0.20	29.80	46.00	-16.20	100	255		

Spurious Emissions, TX Mode, 9k-30M-1DH5

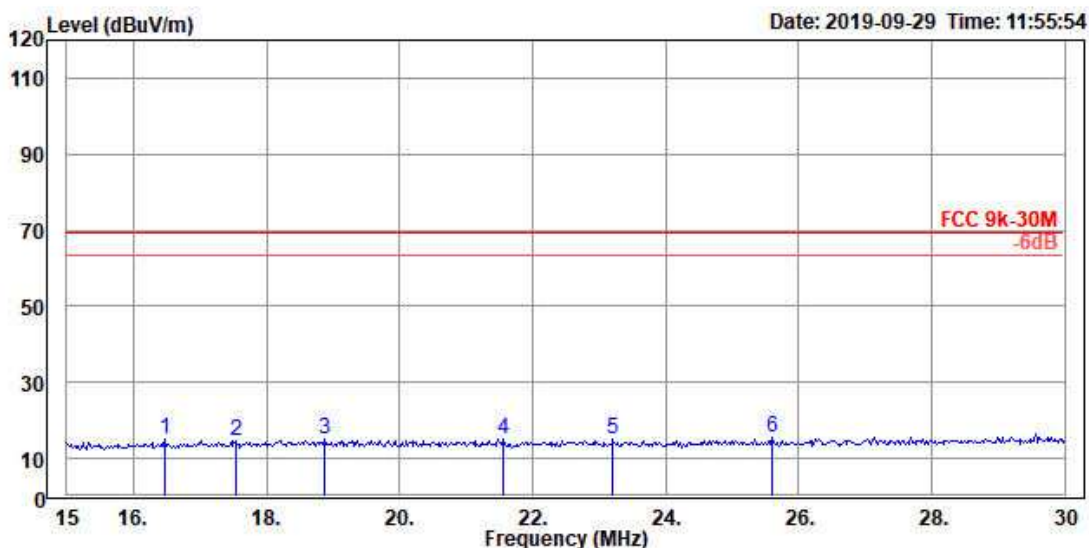


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Site : 966A Chamber A
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2441MHz
Memo :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	0.335	14.92	18.51	33.43	97.10	-63.67	100	79	QP	
2	0.596	15.85	18.49	34.34	72.11	-37.77	100	102	QP	
3	1.226	10.68	18.66	29.34	65.86	-36.52	100	135	QP	
4	1.834	5.80	18.65	24.45	69.50	-45.05	100	109	QP	
5	2.442	2.29	18.63	20.92	69.50	-48.58	100	135	QP	
6	3.051	-2.79	18.63	15.84	69.50	-53.66	100	149	QP	



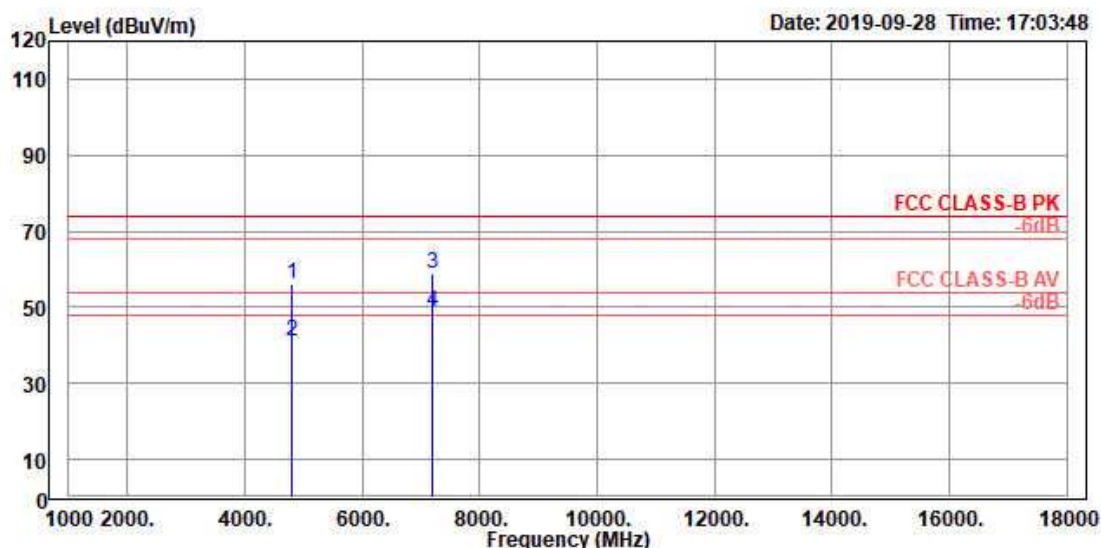
Site : 966A Chamber A
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_1DH5_TX_2441MHz
Memo :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	16.478	-5.95	21.04	15.09	69.50	-54.41	100	79	QP	
2	17.543	-6.58	21.16	14.58	69.50	-54.92	100	102	QP	
3	18.870	-6.08	21.29	15.21	69.50	-54.29	100	122	QP	
4	21.565	-6.23	21.47	15.24	69.50	-54.26	100	135	QP	
5	23.217	-6.27	21.55	15.28	69.50	-54.22	100	139	QP	
6	25.609	-6.35	21.65	15.30	69.50	-54.20	100	159	QP	

Spurious Emissions, TX Mode, 1-18G-3DH5

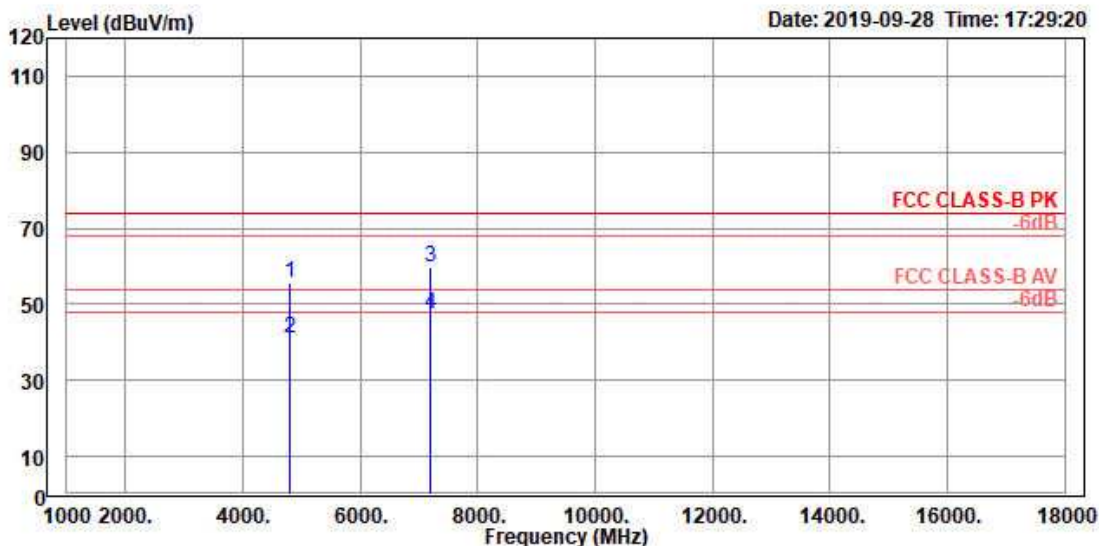


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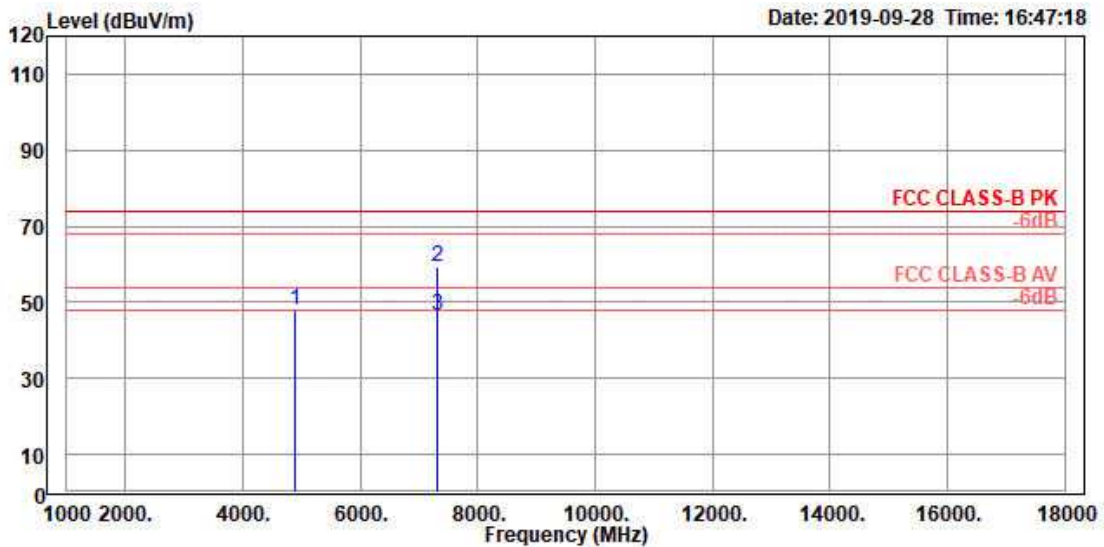
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4804.000	59.48	-3.54	55.94	74.00	-18.06	106	343	Peak	
2	4804.000	44.78	-3.54	41.24	54.00	-12.76	106	343	Average	
3	7206.000	54.74	4.33	59.07	74.00	-14.93	200	0	Peak	
4 !	7206.000	44.48	4.33	48.81	54.00	-5.19	200	0	Average	



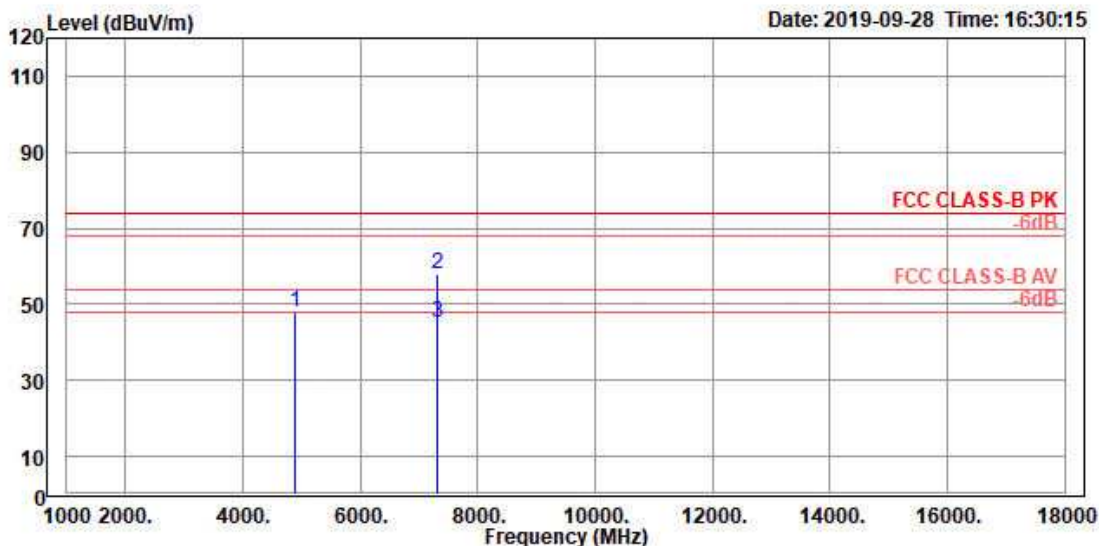
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4804.000	59.35	-3.54	55.81	74.00	-18.19	123	360	Peak	
2	4804.000	44.71	-3.54	41.17	54.00	-12.83	123	360	Average	
3	7206.000	55.63	4.33	59.96	74.00	-14.04	100	4	Peak	
4	7206.000	43.00	4.33	47.33	54.00	-6.67	100	4	Average	



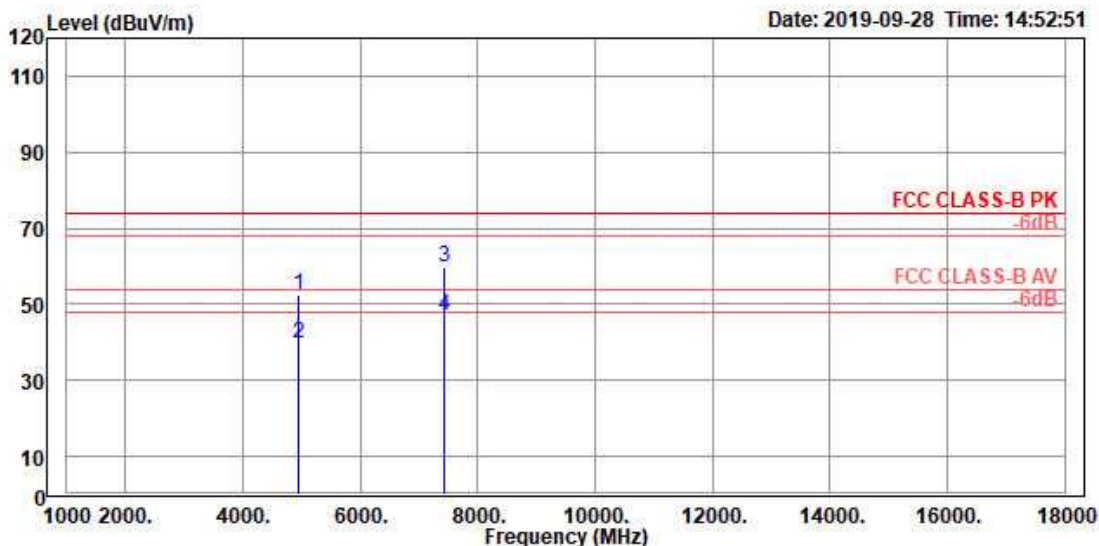
Site : 966A Chamber A
 Condition : FCC CLASS-B PK 3m Horizontal
 Test Engineer: Eagle Tsai
 Product : Delta Bluetooth Mono Speaker
 Model No. : VFRU-19-05BT
 Test Rating : 3.7VDC
 Power Setting: Default
 Tmp/Hum : 23.4°C / 65%
 Mode : BT_3DH5_TX_2441MHz
 Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4882.000	51.36	-3.44	47.92	74.00	-26.08	106	92	Peak	
2	7323.000	54.93	4.57	59.50	74.00	-14.50	116	236	Peak	
3	7323.000	41.89	4.57	46.46	54.00	-7.54	116	236	Average	



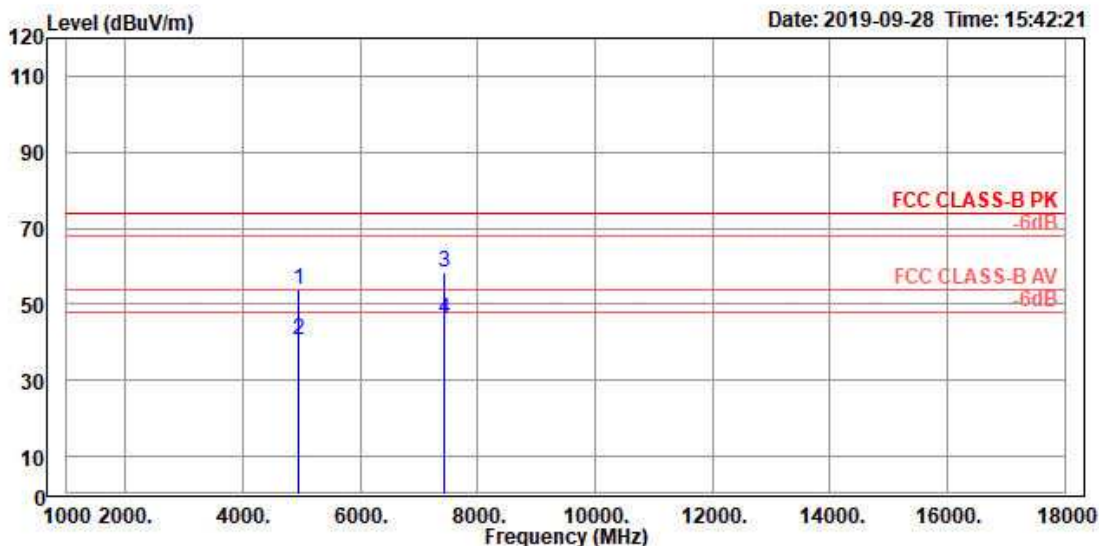
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2441MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4882.000	51.17	-3.44	47.73	74.00	-26.27	159	135	Peak	
2	7323.000	53.39	4.57	57.96	74.00	-16.04	135	138	Peak	
3	7323.000	40.79	4.57	45.36	54.00	-8.64	135	138	Average	



Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2480MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4960.000	55.67	-3.32	52.35	74.00	-21.65	143	334	Peak	
2	4960.000	42.99	-3.32	39.67	54.00	-14.33	143	334	Average	
3	7440.000	54.96	4.90	59.86	74.00	-14.14	119	236	Peak	
4	7440.000	41.95	4.90	46.85	54.00	-7.15	119	236	Average	



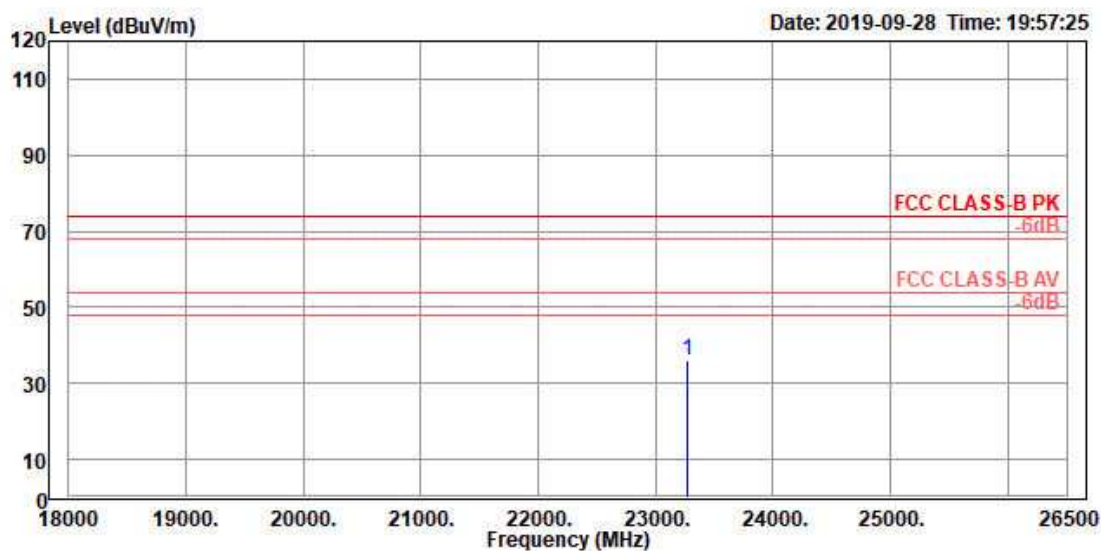
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2480MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4960.000	57.14	-3.32	53.82	74.00	-20.18	104	248	Peak	
2	4960.000	43.90	-3.32	40.58	54.00	-13.42	104	248	Average	
3	7440.000	53.46	4.90	58.36	74.00	-15.64	106	138	Peak	
4	7440.000	41.02	4.90	45.92	54.00	-8.08	106	138	Average	

Spurious Emissions, TX Mode, 18-26G-3DH5

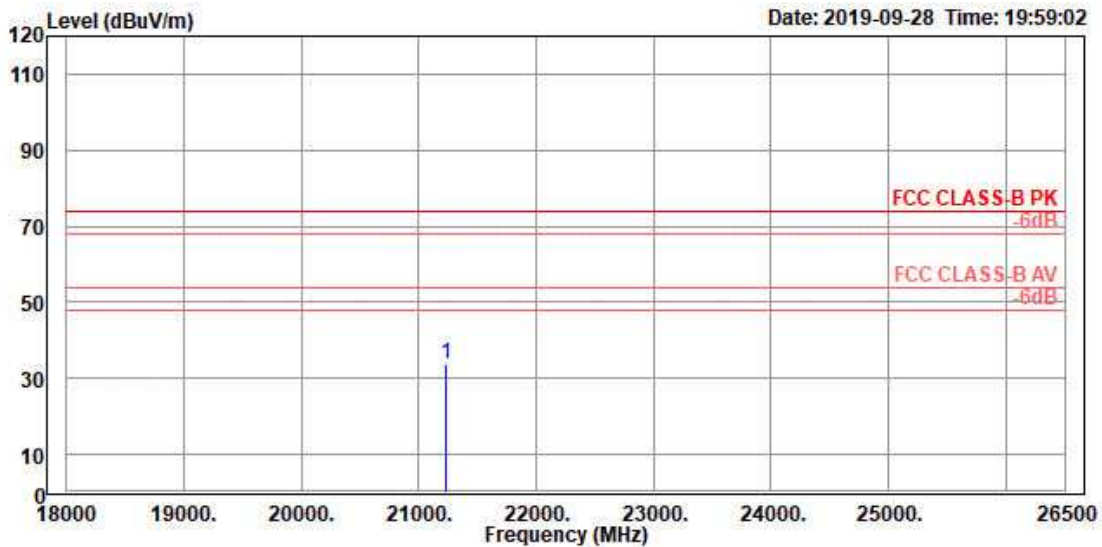


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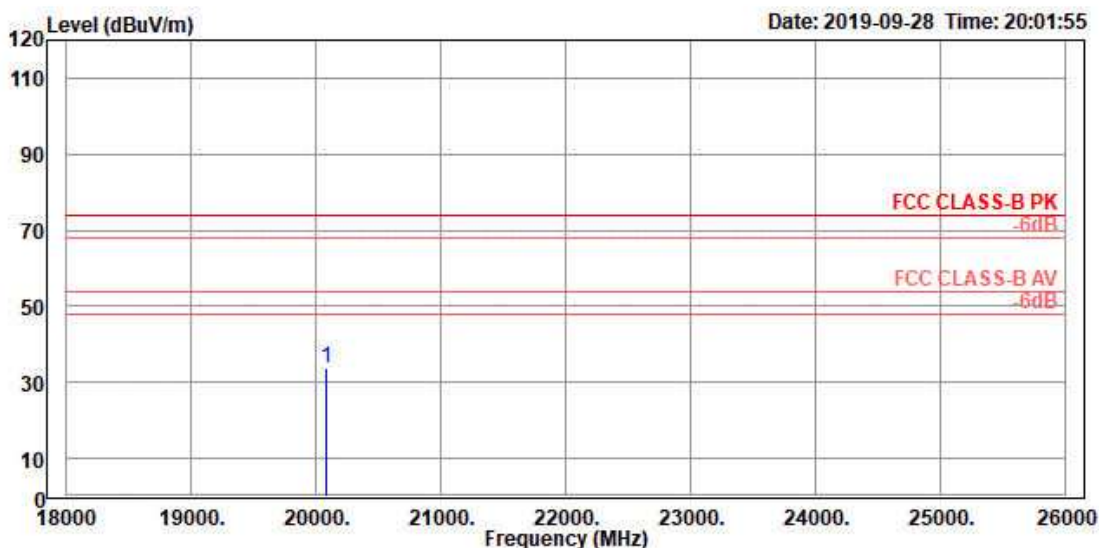
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2402MHz
Memo : Power Setting 3

	Read		Limit	Over	APos	TPos		
Freq	Level	Factor	Level	Line	Limit		Remark	Note
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 23269.150	35.33	0.94	36.27	74.00	-37.73	120	173	Peak



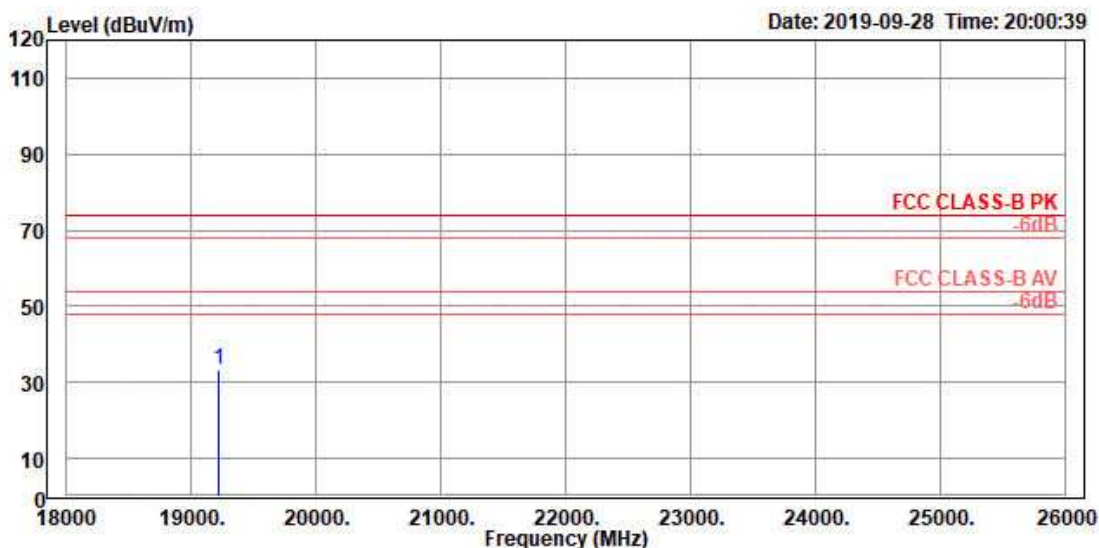
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2402MHz
Memo : Power Setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	21231.700	34.29	-0.34	33.95	74.00	-40.05	159	139	Peak	



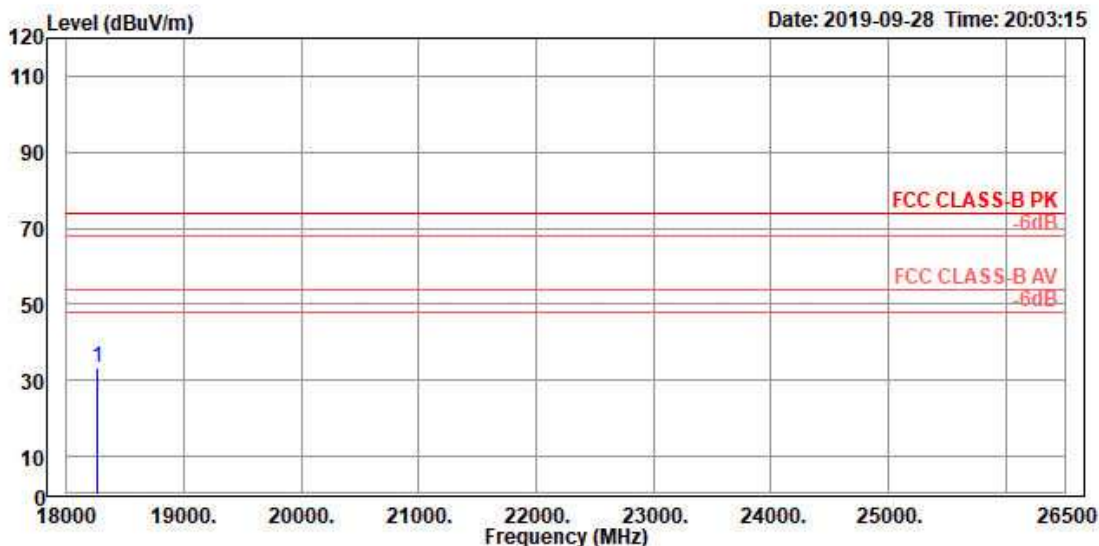
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2441MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	20086.400	35.35	-1.46	33.89	74.00	-40.11	115	169	Peak	



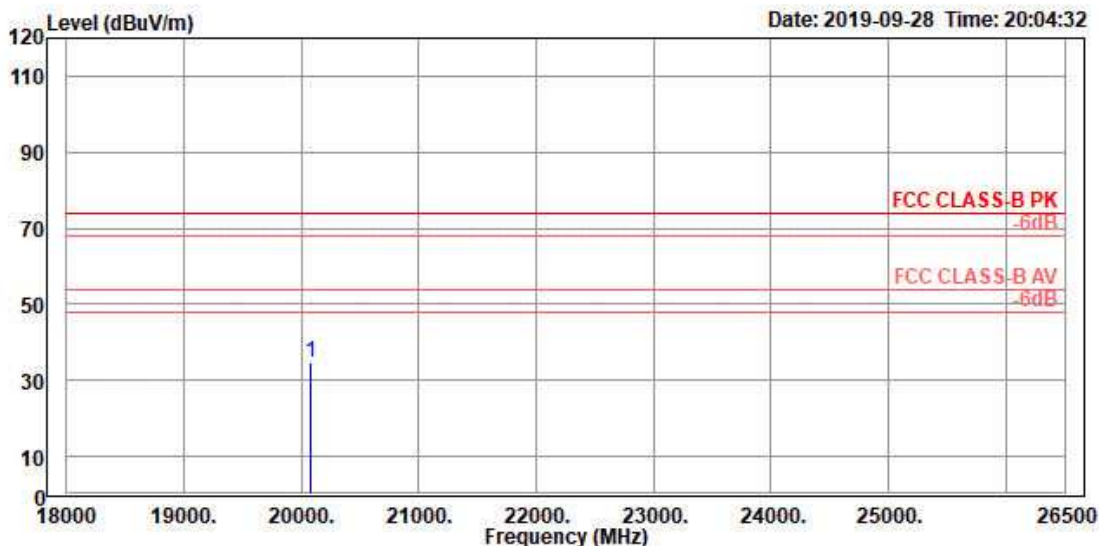
Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2441MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	19212.950	35.74	-2.38	33.36	74.00	-40.64	205	213	Peak	



Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2480MHz
Memo : Power setting 3

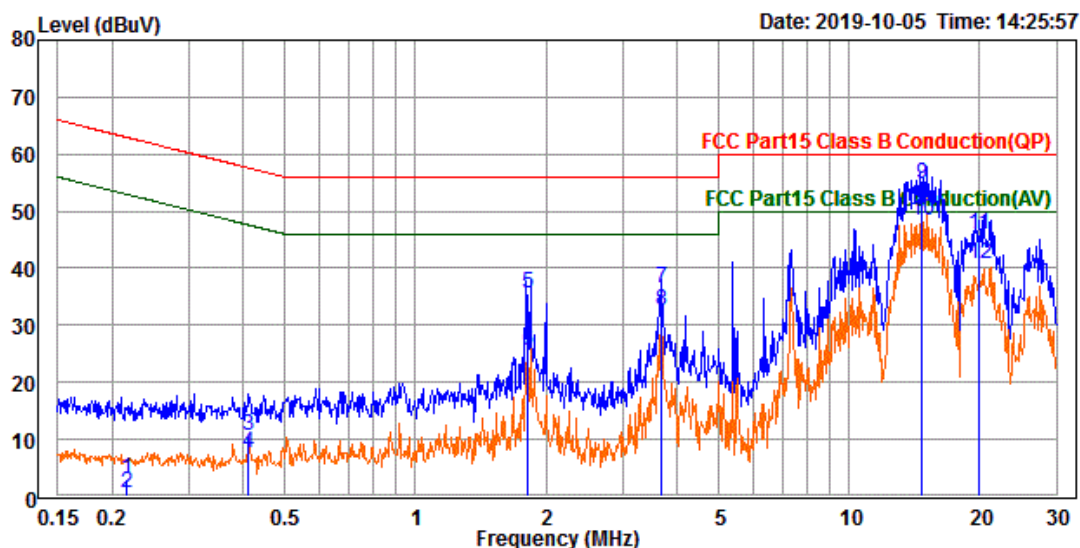
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	18260.000	36.11	-2.89	33.22	74.00	-40.78	111	96	Peak	



Site : 966A Chamber A
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Eagle Tsai
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 3.7VDC
Power Setting: Default
Tmp/Hum : 23.4°C / 65%
Mode : BT_3DH5_TX_2480MHz
Memo : Power setting 3

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	20073.600	36.09	-1.51	34.58	74.00	-39.42	266	193	Peak	

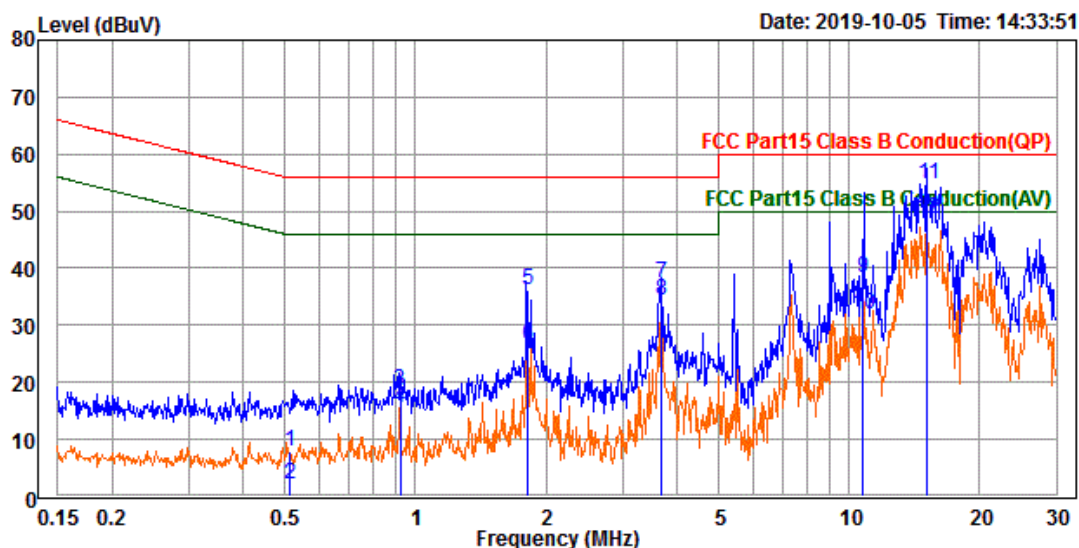
Mains Spurious Emissions



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Amy Hsu
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 120Vac/60Hz
Tmp/Hum : 23.1°C / 35%
Mode : BT TX 2402

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.215	-6.47	9.61	3.14	63.01	-59.87	QP
2	0.215	-8.94	9.61	0.67	53.01	-52.34	Average
3	0.413	1.01	9.62	10.63	57.58	-46.95	QP
4	0.413	-2.06	9.62	7.56	47.58	-40.02	Average
5	1.808	25.96	9.64	35.60	56.00	-20.40	QP
6	1.808	15.86	9.64	25.50	46.00	-20.50	Average
7	3.686	26.96	9.67	36.63	56.00	-19.37	QP
8	3.686	22.86	9.67	32.53	46.00	-13.47	Average
9	14.664	45.01	9.76	54.77	60.00	-5.23	QP
10	14.664	38.64	9.76	48.40	50.00	-1.60	Average
11	19.933	36.26	9.79	46.05	60.00	-13.95	QP
12	19.933	30.83	9.79	40.62	50.00	-9.38	Average



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Amy Hsu
Product : Delta Bluetooth Mono Speaker
Model No. : VFRU-19-05BT
Test Rating : 120Vac/60Hz
Tmp/Hum : 23.1°C / 35%
Mode : BT TX 2402

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.514	-1.66	9.63	7.97	56.00	-48.03	QP
2	0.514	-7.38	9.63	2.25	46.00	-43.75	Average
3	0.921	8.93	9.63	18.56	56.00	-37.44	QP
4	0.921	5.86	9.63	15.49	46.00	-30.51	Average
5	1.808	26.55	9.65	36.20	56.00	-19.80	QP
6	1.808	16.72	9.65	26.37	46.00	-19.63	Average
7	3.686	27.61	9.68	37.29	56.00	-18.71	QP
8	3.686	24.76	9.68	34.44	46.00	-11.56	Average
9	10.784	28.59	9.75	38.34	60.00	-21.66	QP
10	10.784	22.18	9.75	31.93	50.00	-18.07	Average
11	15.138	45.01	9.80	54.81	60.00	-5.19	QP
12	15.138	38.91	9.80	48.71	50.00	-1.29	Average