

Appendix B: Test Results of Bluetooth LE

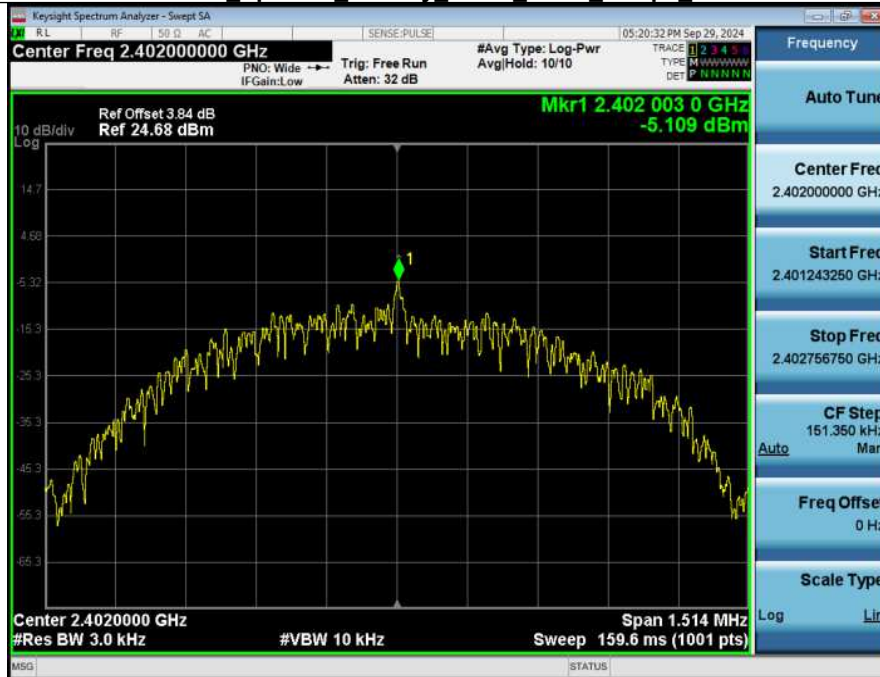
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Appendix B.1: Test Results of Conducted Power Spectral Density

Bluetooth LE, 1Mbps

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density (dBm)	Limit (dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-5.11	8	Pass
NVNT	ANT1	1Mbps	2440.00	-4.35	8	Pass
NVNT	ANT1	1Mbps	2480.00	-3.90	8	Pass

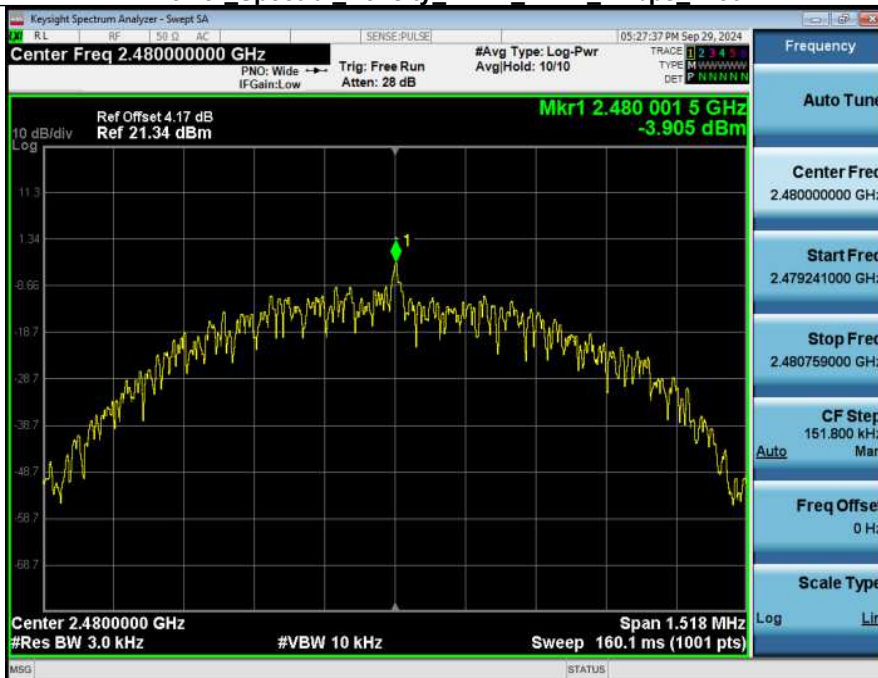
Power Spectral Density NVNT ANT1 1Mbps 2402



Power Spectral Density NVNT ANT1 1Mbps 2440



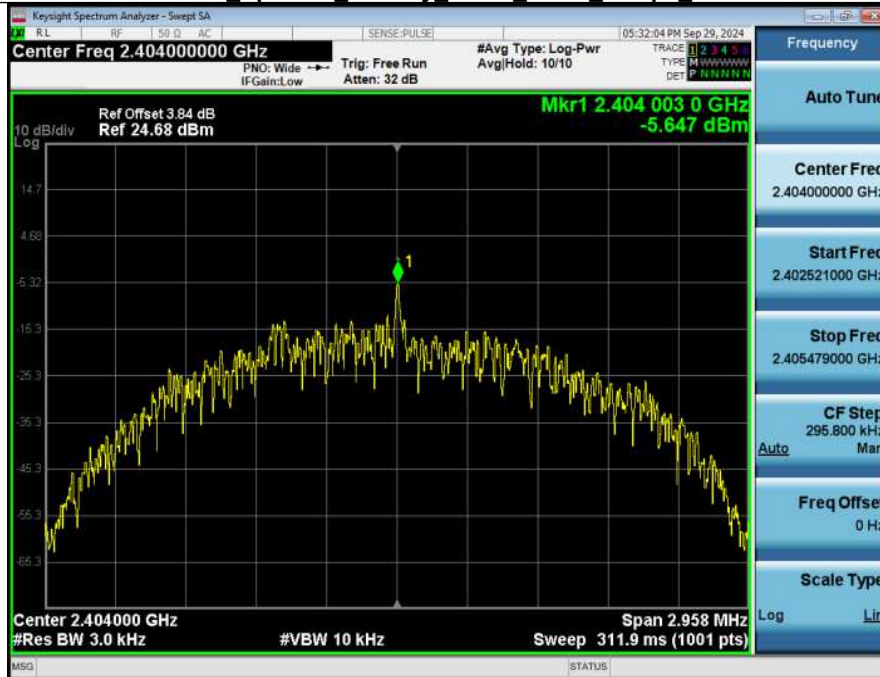
Power Spectral Density NVNT ANT1 1Mbps 2480



Bluetooth LE, 2Mbps

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density (dBm)	Limit (dBm/3kHz)	Result
NVNT	ANT1	2Mbps	2404.00	-5.65	8	Pass
NVNT	ANT1	2Mbps	2440.00	-4.75	8	Pass
NVNT	ANT1	2Mbps	2478.00	-4.24	8	Pass

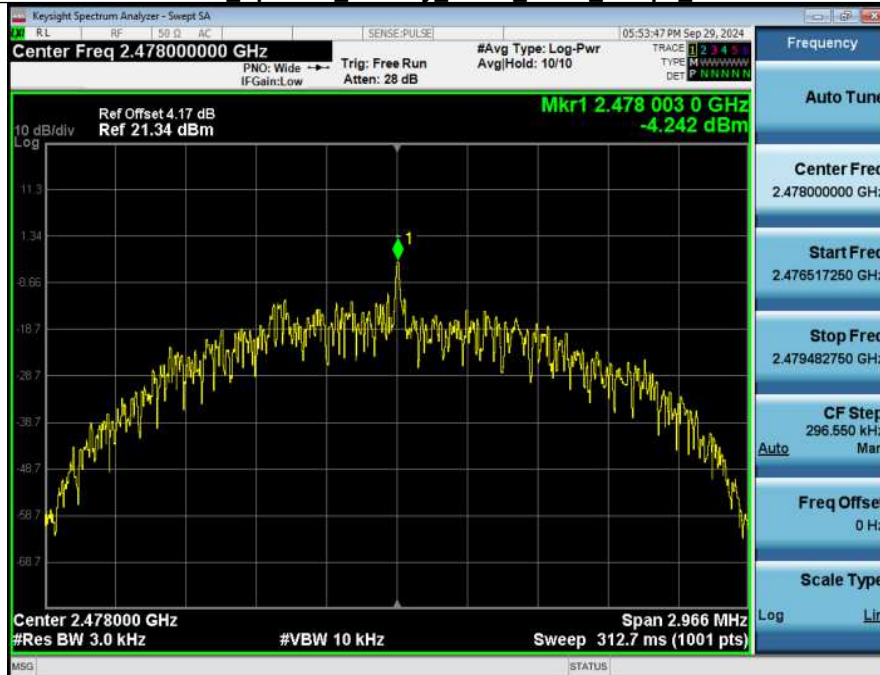
Power Spectral Density NVNT ANT1 2Mbps 2404



Power Spectral Density NVNT ANT1 2Mbps 2440



Power Spectral Density NVNT ANT1_2Mbps_2478



Appendix B.2: Test Results of 6dB Bandwidth

Bluetooth LE, 1Mbps

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW (kHz)	Limit (kHz)	Result
NVNT	ANT1	1Mbps	2402.00	665.61	500	Pass
NVNT	ANT1	1Mbps	2440.00	663.64	500	Pass
NVNT	ANT1	1Mbps	2480.00	662.48	500	Pass

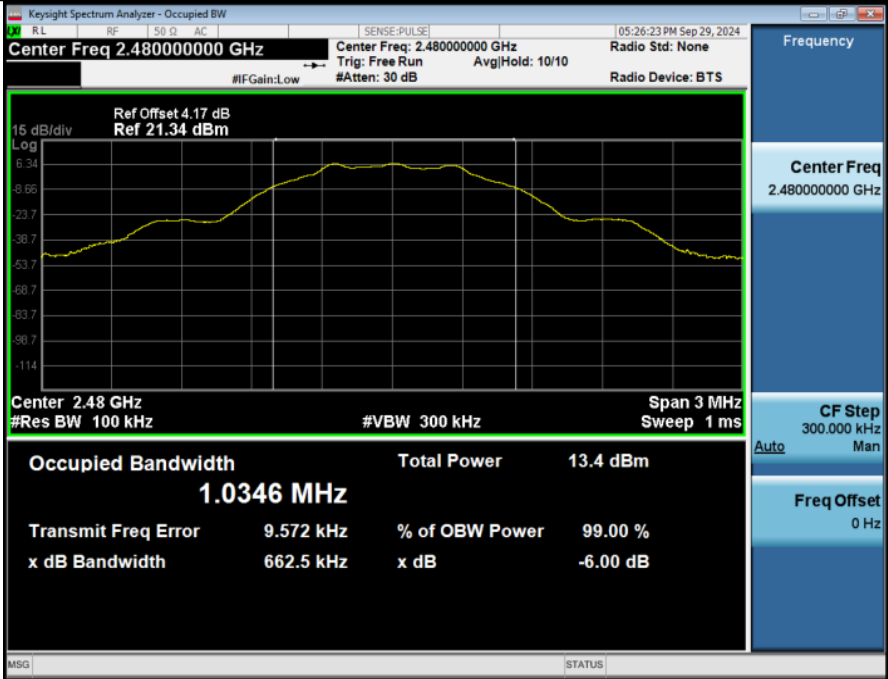
-6dB Bandwidth NVNT ANT1 1Mbps 2402



-6dB Bandwidth NVNT ANT1 1Mbps 2440



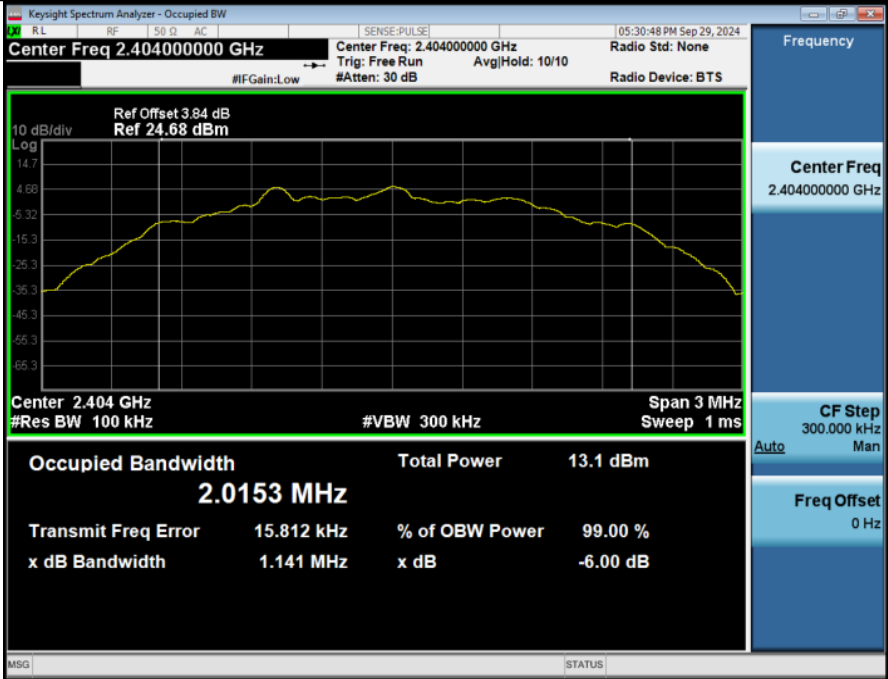
-6dB Bandwidth NVNT ANT1 1Mbps 2480



Bluetooth LE, 2Mbps

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW (kHz)	Limit (kHz)	Result
NVNT	ANT1	2Mbps	2404.00	1140.98	500	Pass
NVNT	ANT1	2Mbps	2440.00	1144.75	500	Pass
NVNT	ANT1	2Mbps	2478.00	1144.87	500	Pass

-6dB Bandwidth NVNT ANT1 2Mbps 2404



-6dB Bandwidth NVNT ANT1 2Mbps 2440



-6dB Bandwidth NVNT ANT1 2Mbps 2478



Appendix B.3: Test Results of 99% Bandwidth

Bluetooth LE, 1Mbps

Condition	Antenna	Rate	Frequency (MHz)	99%%BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.009
NVNT	ANT1	1Mbps	2440.00	1.011
NVNT	ANT1	1Mbps	2480.00	1.012

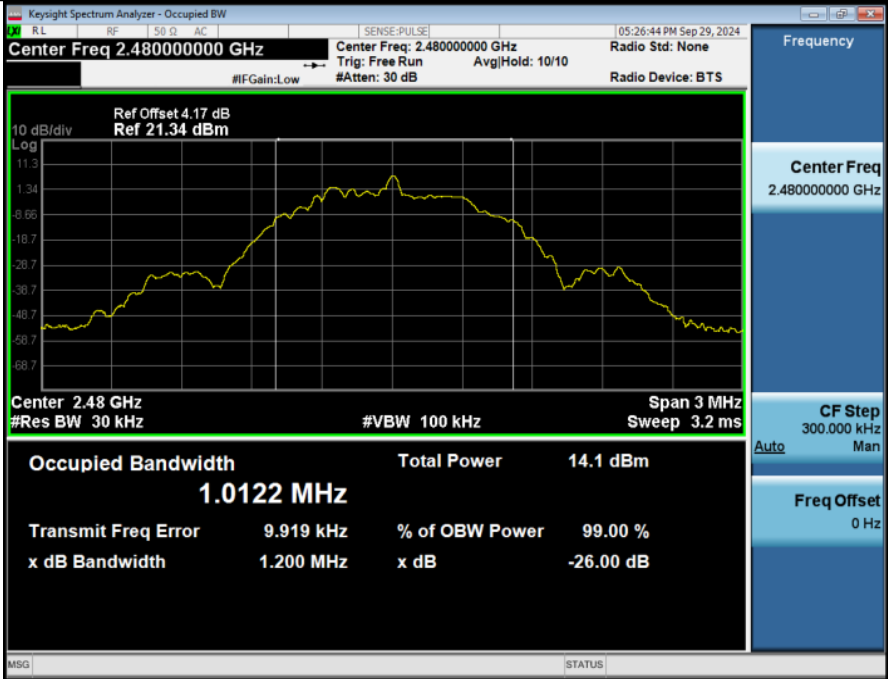
99% Occupied Bandwidth NVNT ANT1 1Mbps 2402



99% Occupied Bandwidth NVNT ANT1 1Mbps 2440



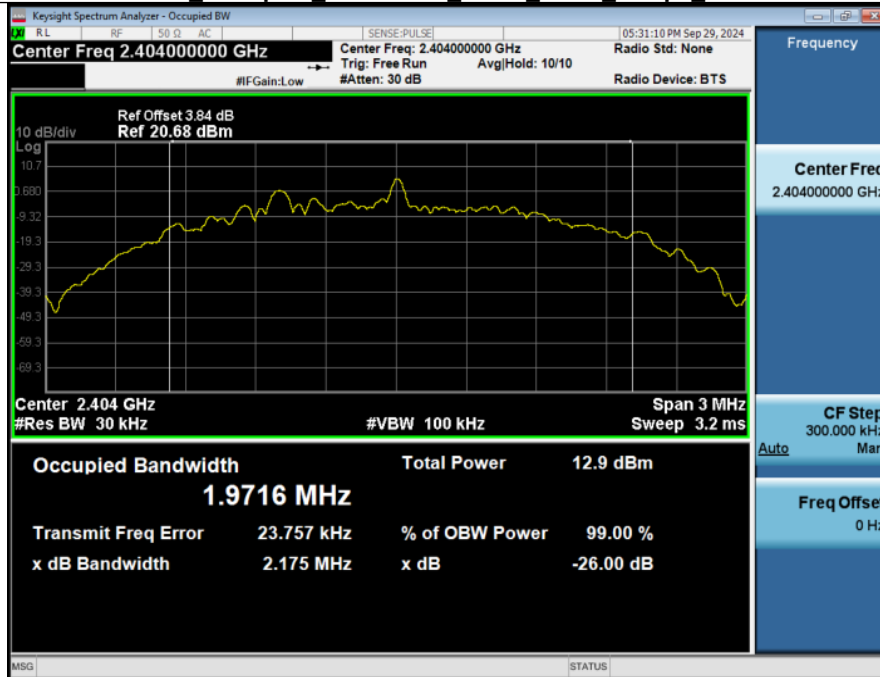
99% Occupied Bandwidth NVNT_ANT1_1Mbps_2480



Bluetooth LE, 2Mbps

Condition	Antenna	Rate	Frequency (MHz)	99%%BW (MHz)
NVNT	ANT1	2Mbps	2404.00	1.972
NVNT	ANT1	2Mbps	2440.00	1.976
NVNT	ANT1	2Mbps	2478.00	1.977

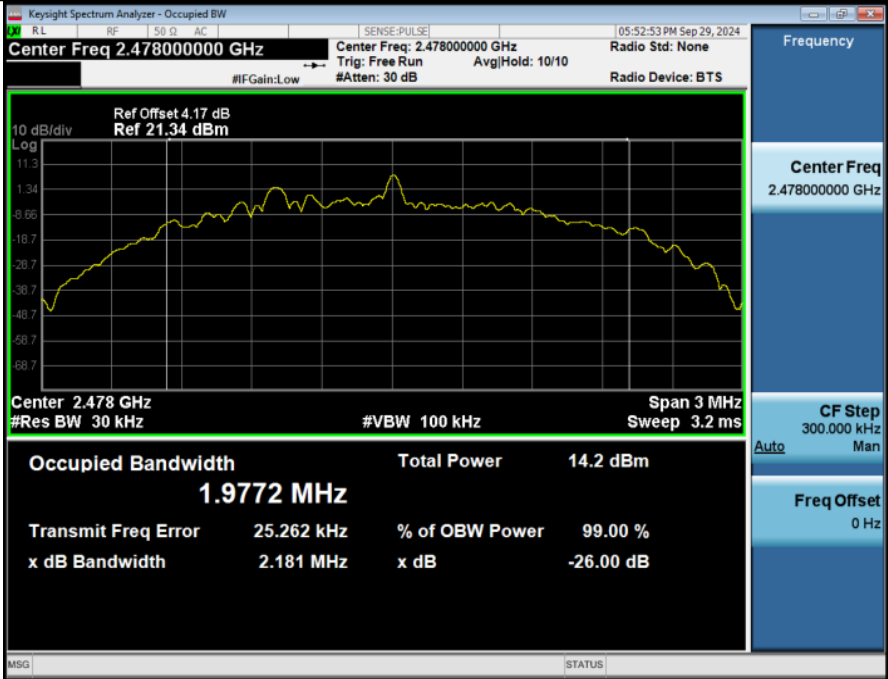
99% Occupied Bandwidth NVNT ANT1 2Mbps 2404



99% Occupied Bandwidth NVNT ANT1 2Mbps 2440



99% Occupied Bandwidth NVNT ANT1 2Mbps 2478



Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Bluetooth LE, 1Mbps

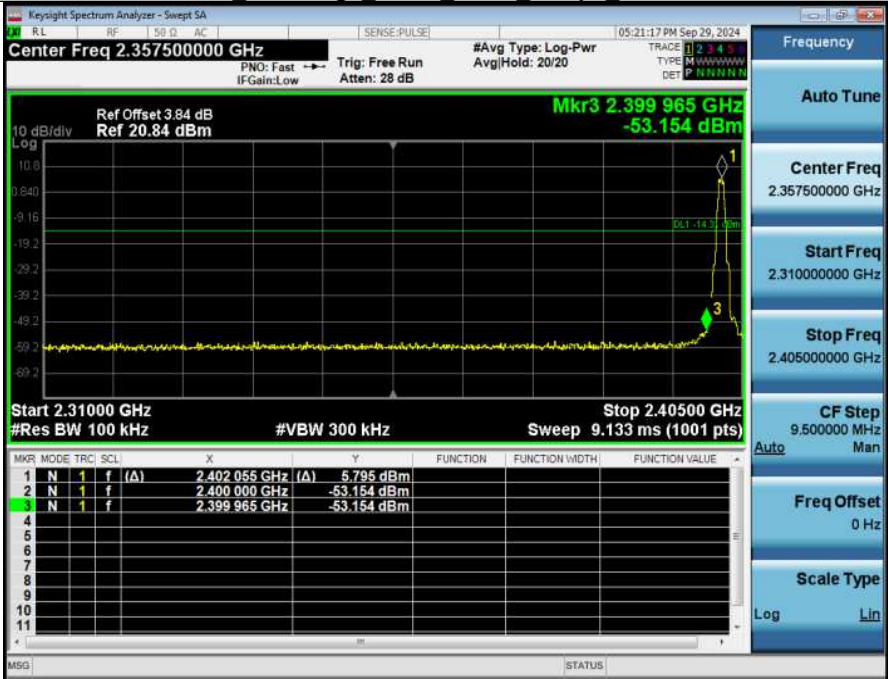
Band Edge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level (dBm)	Limit (dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-53.154	-14.305	Pass
NVNT	ANT1	1Mbps	2480.00	2484.275	-58.946	-13.224	Pass

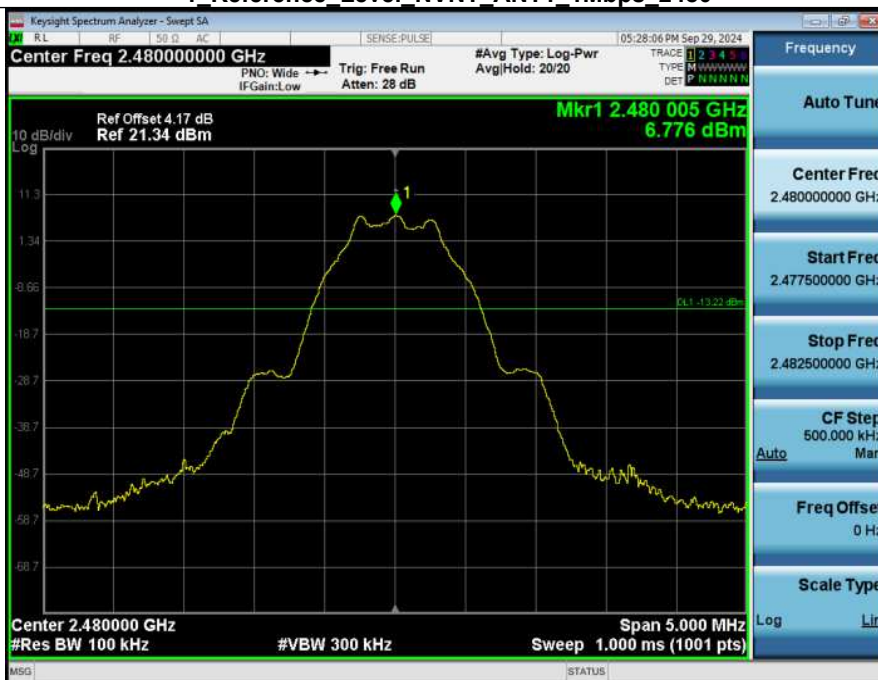
1 Reference Level NVNT ANT1 1Mbps 2402



2 Bandedge NVNT ANT1 1Mbps 2402



1_Reference_Level_NVNT_ANT1_1Mbps_2480



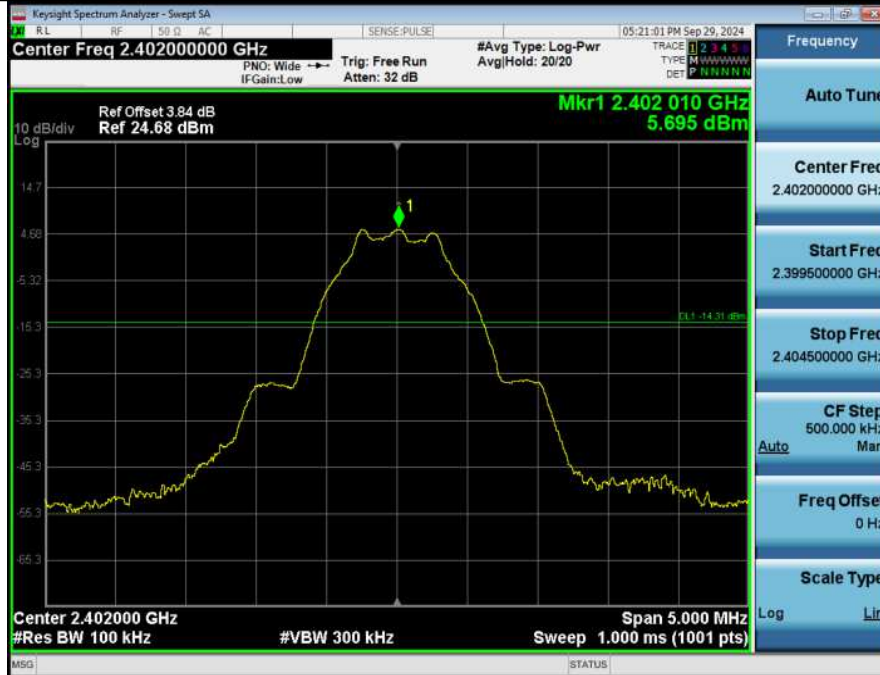
2 Bandedge NVNT ANT1 1Mbps 2480



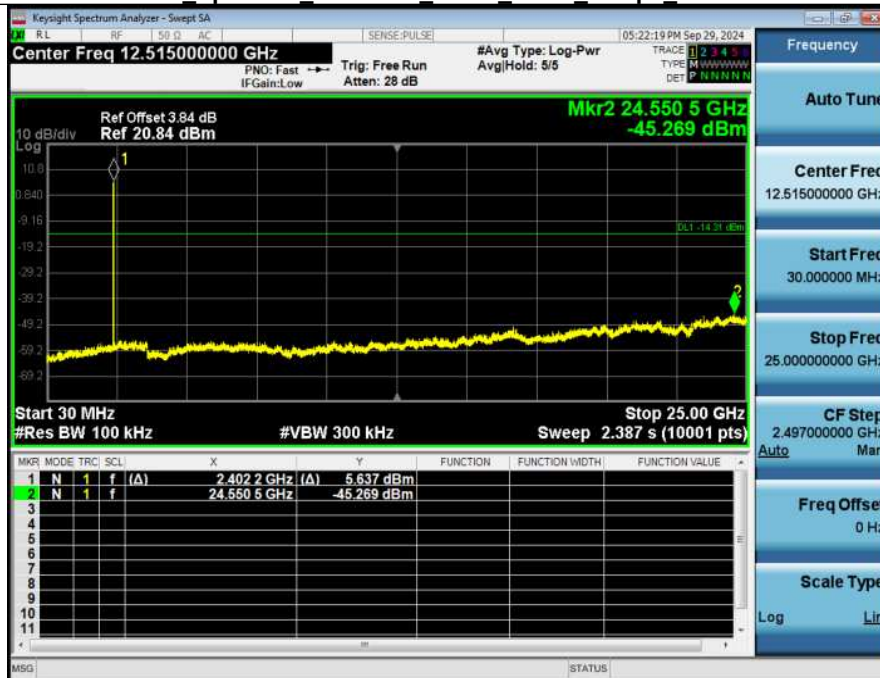
Conducted Spurious Emission

Condition	Antenna	Rate	TX_Frequency (MHz)	Spurious MAX.Value (dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-45.269	-14.305	Pass
NVNT	ANT1	1Mbps	2440.00	-48.783	-13.501	Pass
NVNT	ANT1	1Mbps	2480.00	-49.174	-13.224	Pass

1 Reference Level NVNT ANT1 1Mbps 2402



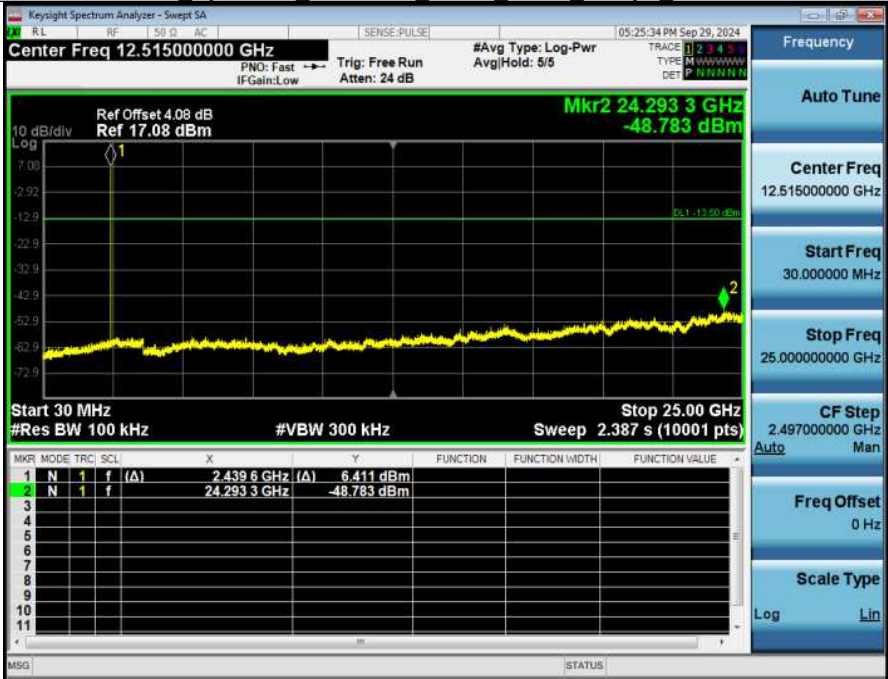
2 Spurious Emission NVNT ANT1 1Mbps 2402



1 Reference Level NVNT ANT1 1Mbps 2440



2 Spurious Emission NVNT ANT1 1Mbps 2440



1 Reference Level NVNT ANT1 1Mbps 2480



2 Spurious Emission NVNT ANT1 1Mbps 2480



Bluetooth LE, 2Mbps

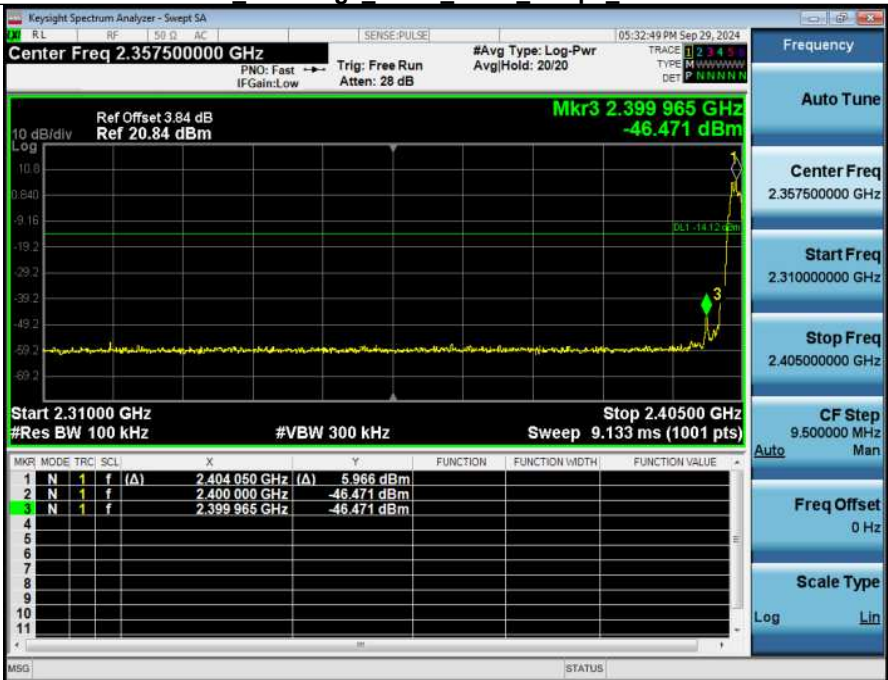
Band Edge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level (dBm)	Limit (dBm)	Result
NVNT	ANT1	2Mbps	2404.00	2399.965	-46.471	-14.122	Pass
NVNT	ANT1	2Mbps	2478.00	2484.000	-53.537	-12.924	Pass

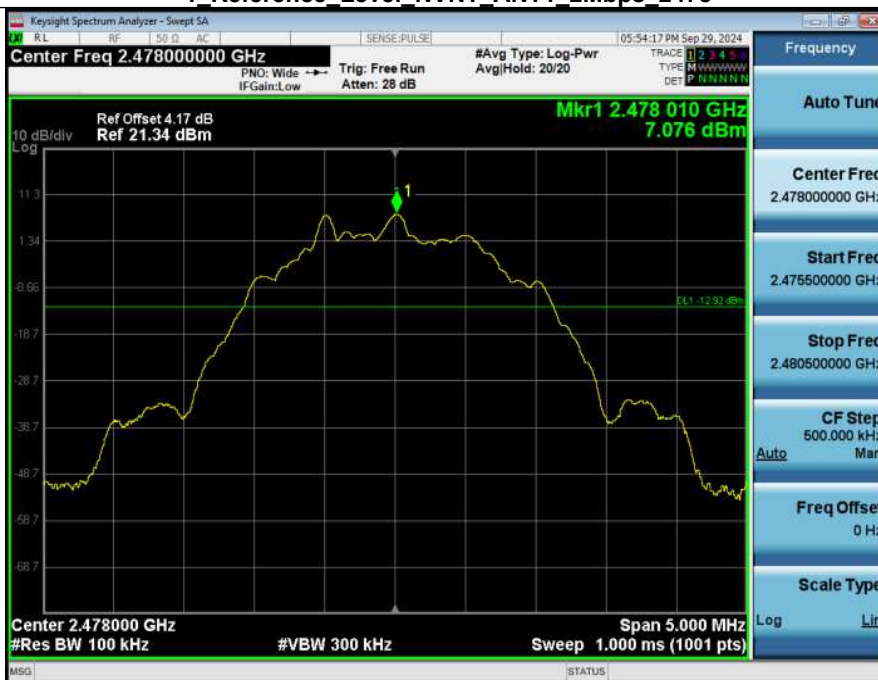
1 Reference Level NVNT ANT1 2Mbps 2404



2 Bandedge NVNT ANT1 2Mbps 2404



1_Reference_Level_NVNT_ANT1_2Mbps_2478



2 Bandedge NVNT ANT1 2Mbps 2478



Conducted Spurious Emission

Condition	Antenna	Rate	TX_Frequency (MHz)	Spurious MAX.Value (dBm)	Limit	Result
NVNT	ANT1	2Mbps	2404.00	-45.195	-14.122	Pass
NVNT	ANT1	2Mbps	2440.00	-48.880	-13.332	Pass
NVNT	ANT1	2Mbps	2478.00	-49.167	-12.924	Pass

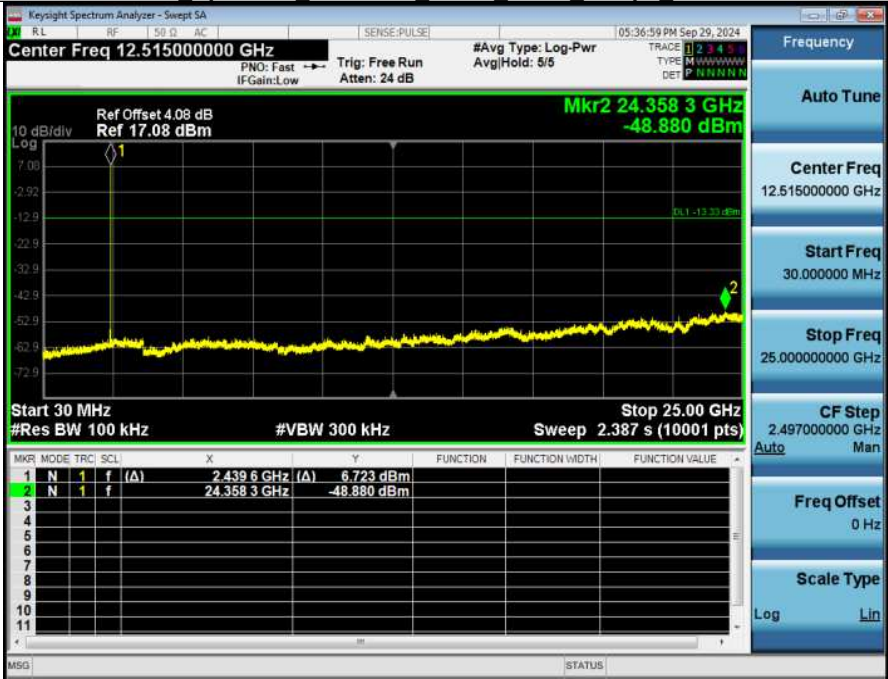
2 Spurious Emission NVNT ANT1 2Mbps 2404



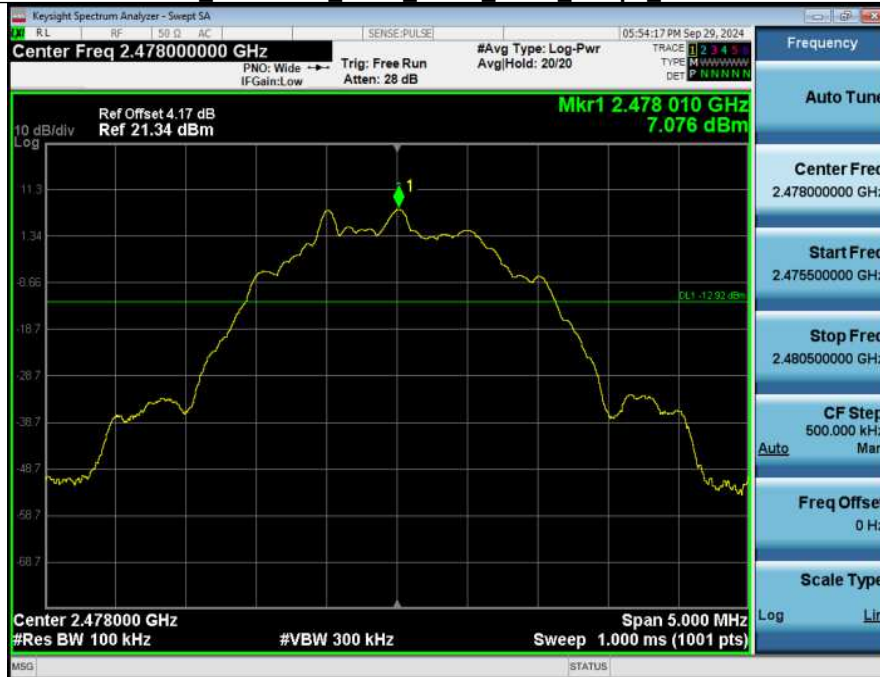
1 Reference Level NVNT ANT1 2Mbps 2440



2 Spurious Emission NVNT ANT1 2Mbps 2440



1 Reference Level NVNT ANT1 2Mbps 2478



2 Spurious Emission NVNT ANT1 2Mbps 2478



Appendix B.5: Test Results of Radiated Spurious Emissions

Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
 - 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.
- 30 MHz - 1GHz

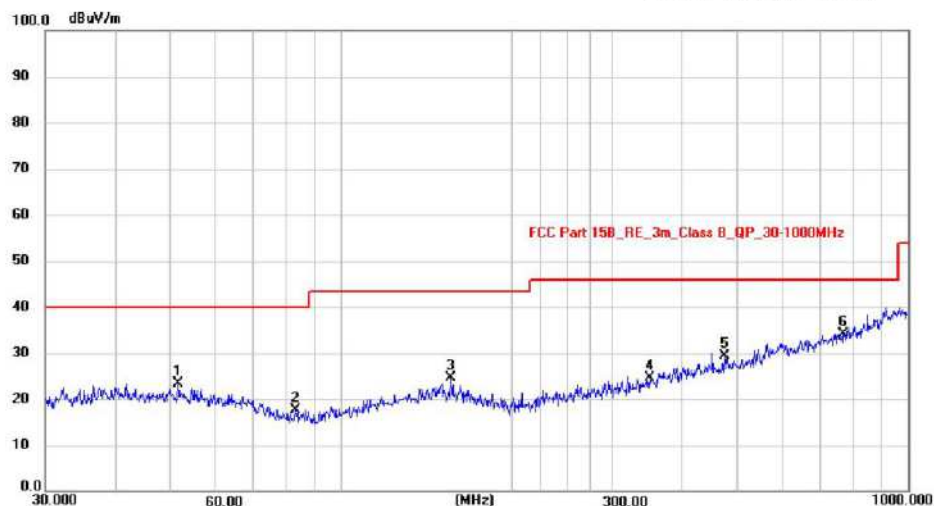


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1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: ITE Hearing Aids	Distance: 3m	Humidity: 54 %RH
M/N: Sara 1	Test Engineer: Felix Pang	
Test Mode: 1M 2402MHz		
Test Voltage: DC 3.7V		
Note:		

Radiated Emission Measurement

Test Date: 2024/10/14 12:03:23



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	51.4807	9.47	13.99	23.46	40.00	-16.54	peak	100	45	P	
2	82.9384	8.04	9.54	17.58	40.00	-22.42	peak	100	226	P	
3	155.9101	10.45	14.26	24.71	43.50	-18.79	peak	100	124	P	
4	349.2500	8.28	16.29	24.57	46.00	-21.43	peak	100	304	P	
5	473.8346	9.85	19.53	29.38	46.00	-16.62	peak	100	331	P	
6 *	768.7481	8.48	25.77	34.25	46.00	-11.75	peak	100	267	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2402MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:08:51



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	57.1914	9.56	13.40	22.96	40.00	-17.04	peak	200	308	P	
2	104.5360	7.84	11.04	18.88	43.50	-24.62	peak	200	271	P	
3 *	206.3976	16.82	11.39	28.21	43.50	-15.29	peak	200	325	P	
4	323.3201	9.09	15.56	24.65	46.00	-21.35	peak	200	133	P	
5	432.5457	12.16	18.52	30.68	46.00	-15.32	peak	200	89	P	
6	560.6928	8.86	21.82	30.68	46.00	-15.32	peak	200	122	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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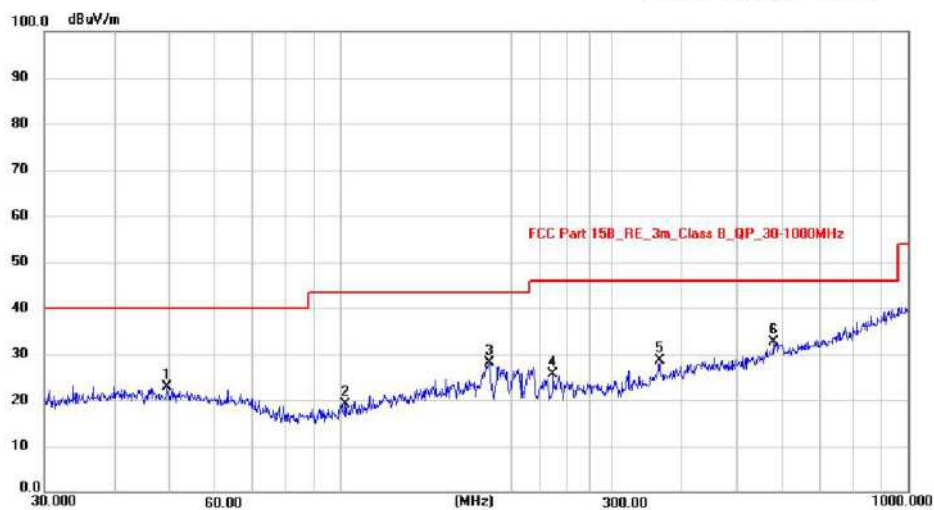
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2440MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:13:05



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	49.3594	8.78	14.17	22.95	40.00	-17.05	peak	200	62	P	
2	102.0013	8.37	10.80	19.17	43.50	-24.33	peak	200	241	P	
3	182.5592	15.95	12.24	28.19	43.50	-15.31	peak	200	248	P	
4	236.6447	12.64	12.94	25.58	46.00	-20.42	peak	200	328	P	
5	364.2595	11.96	16.72	28.68	46.00	-17.32	peak	200	129	P	
6 *	578.6700	10.41	22.30	32.71	46.00	-13.29	peak	200	182	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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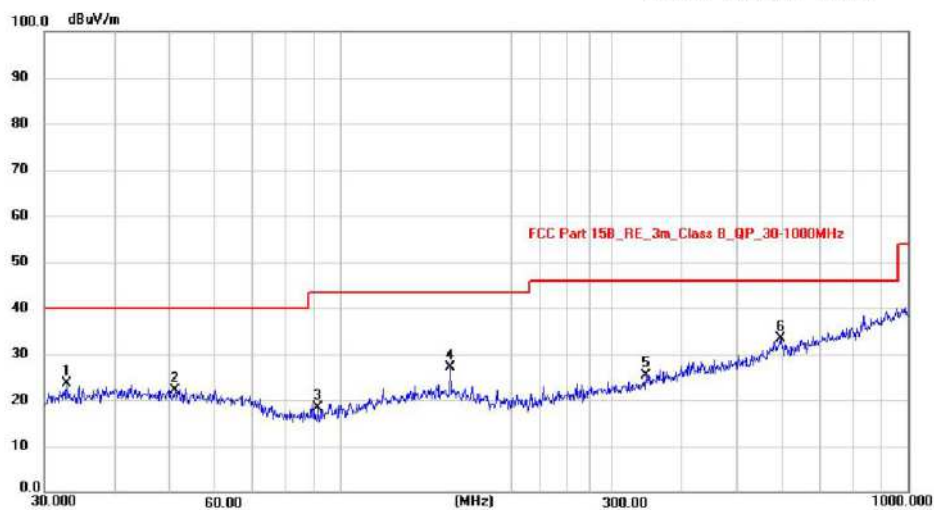
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2440MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:16:24



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	32.8637	10.05	13.48	23.53	40.00	-16.47	peak	100	214	P	
2	50.9420	8.14	14.05	22.19	40.00	-17.81	peak	100	69	P	
3	91.1744	8.62	9.83	18.45	43.50	-25.05	peak	100	115	P	
4	155.9101	12.78	14.26	27.04	43.50	-16.46	peak	100	135	P	
5	344.3854	9.11	16.16	25.27	46.00	-20.73	peak	100	327	P	
6 *	597.2232	10.53	22.81	33.34	46.00	-12.66	peak	100	225	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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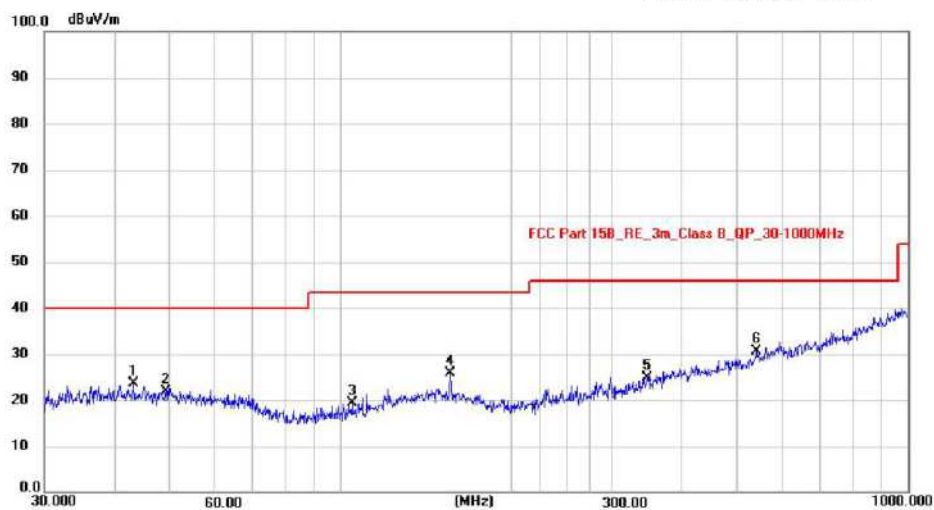
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2480MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:19:41



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	43.0505	9.30	14.44	23.74	40.00	-16.26	peak	100	56	P	
2	49.0144	7.71	14.19	21.90	40.00	-18.10	peak	100	118	P	
3	104.5360	8.46	11.04	19.50	43.50	-24.00	peak	100	166	P	
4	155.9101	11.63	14.26	25.89	43.50	-17.61	peak	100	234	P	
5	346.8091	8.58	16.22	24.80	46.00	-21.20	peak	100	308	P	
6 *	541.3723	9.25	21.28	30.53	46.00	-15.47	peak	100	188	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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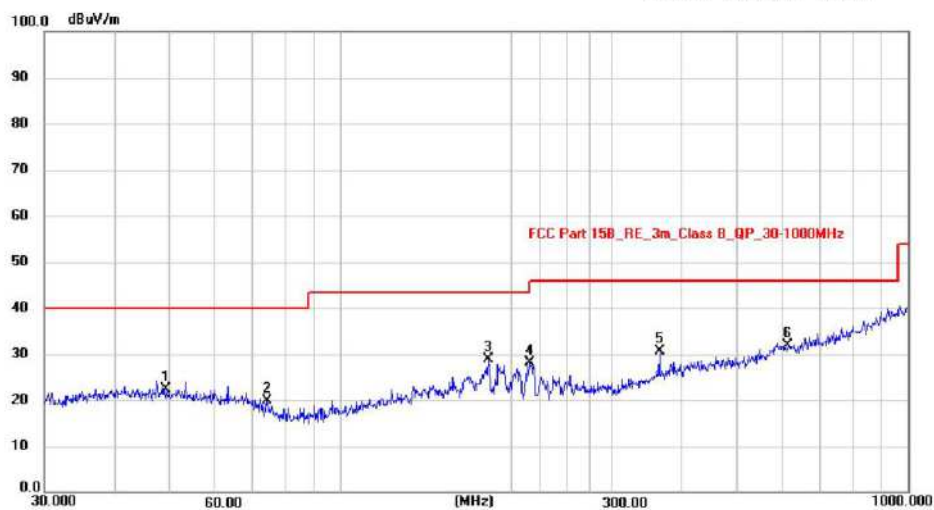
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2480MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:24:01



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	49.1865	8.28	14.18	22.46	40.00	-17.54	peak	200	224	P	
2	74.1350	8.91	11.00	19.91	40.00	-20.09	peak	200	115	P	
3	181.9202	16.60	12.27	28.87	43.50	-14.63	peak	200	36	P	
4	215.2676	16.46	11.72	28.18	43.50	-15.32	peak	200	238	P	
5	364.2595	13.95	16.72	30.67	46.00	-15.33	peak	200	135	P	
6 *	616.3716	8.82	23.16	31.98	46.00	-14.02	peak	200	338	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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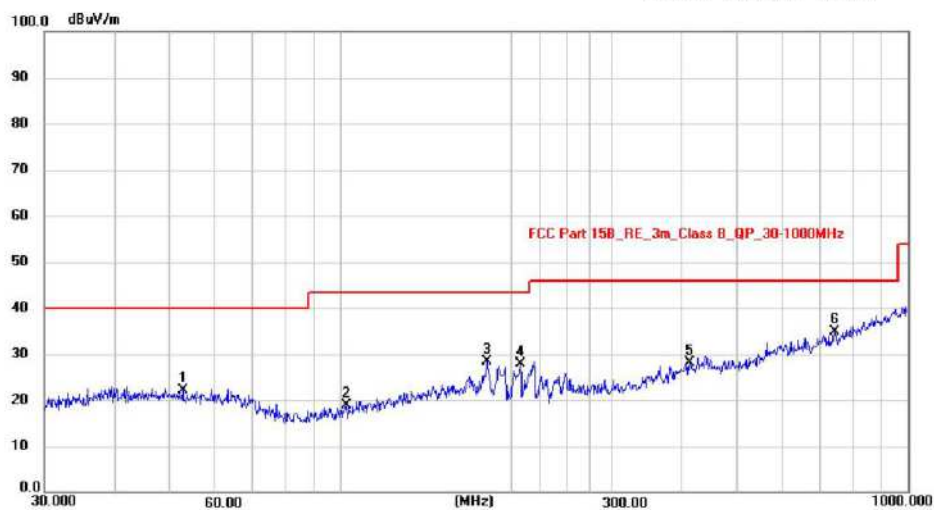
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2404MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:29:15



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	52.5752	8.13	13.88	22.01	40.00	-17.99	peak	200	178	P	
2	102.3596	7.93	10.83	18.76	43.50	-24.74	peak	200	144	P	
3	180.6488	16.11	12.36	28.47	43.50	-15.03	peak	200	127	P	
4	207.1226	16.53	11.42	27.95	43.50	-15.55	peak	200	49	P	
5	411.8240	10.02	18.02	28.04	46.00	-17.96	peak	200	209	P	
6 *	742.2586	9.50	25.29	34.79	46.00	-11.21	peak	200	348	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

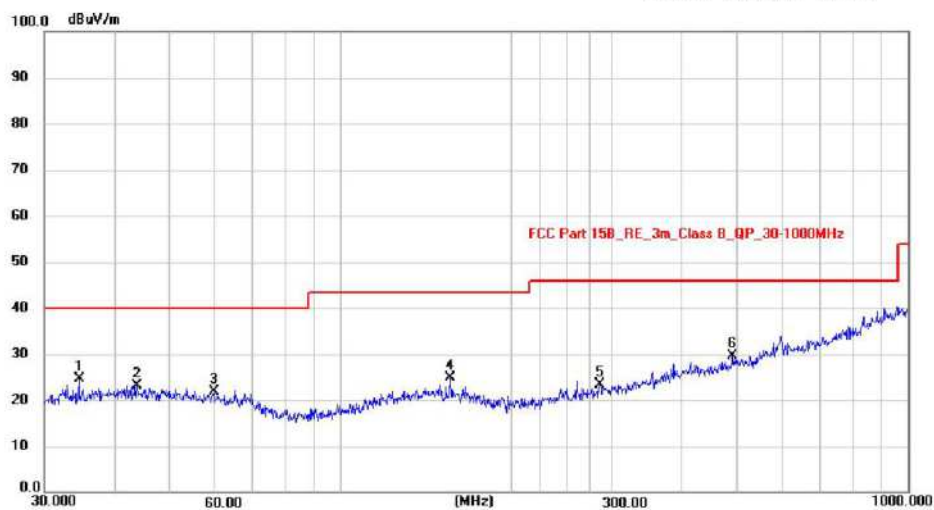
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2404MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:34:37



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	34.5173	10.84	13.75	24.59	40.00	-15.41	peak	100	121	P	
2	43.6584	8.63	14.42	23.05	40.00	-16.95	peak	100	311	P	
3	59.6492	8.68	13.15	21.83	40.00	-18.17	peak	100	266	P	
4	155.9101	10.67	14.26	24.93	43.50	-18.57	peak	100	245	P	
5	285.9777	8.71	14.65	23.36	46.00	-22.64	peak	100	187	P	
6	490.7445	9.58	19.93	29.51	46.00	-16.49	peak	100	235	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

File: BLE TX 30-1000MData :#8

Page: 1

Engineer Signature:



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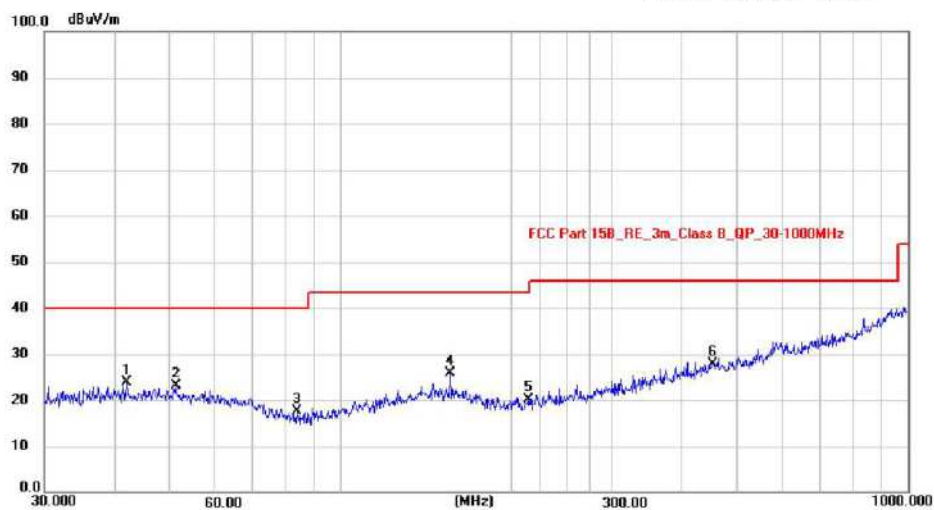
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2440MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:40:50



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	41.8596	9.34	14.49	23.83	40.00	-16.17	peak	100	48	P	
2	51.1210	9.08	14.03	23.11	40.00	-16.89	peak	100	215	P	
3	83.5220	8.00	9.55	17.55	40.00	-22.45	peak	100	315	P	
4	155.9101	11.71	14.26	25.97	43.50	-17.53	peak	100	201	P	
5	213.7632	8.48	11.66	20.14	43.50	-23.36	peak	100	168	P	
6	452.7196	8.93	19.00	27.93	46.00	-18.07	peak	100	155	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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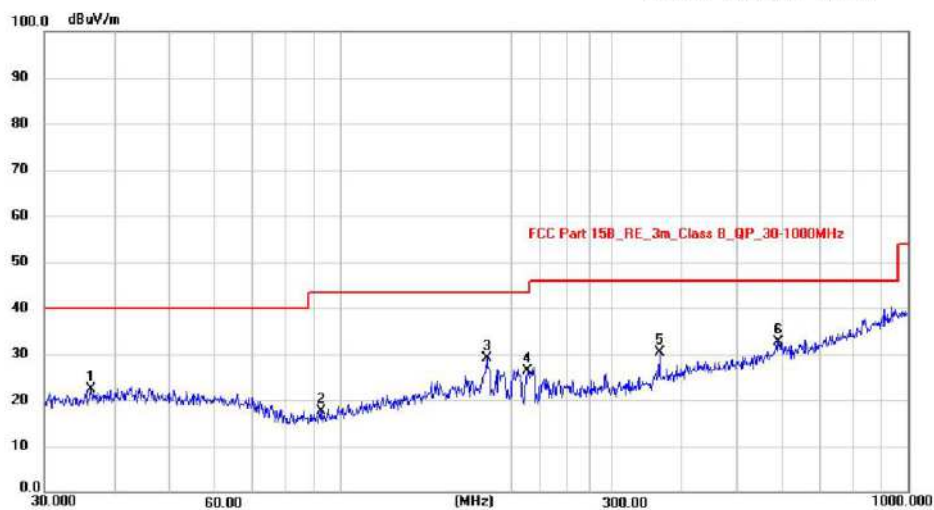
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2440MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:45:25



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	36.2540	8.43	14.02	22.45	40.00	-17.55	peak	200	78	P	
2	92.4624	7.66	9.95	17.61	43.50	-25.89	peak	200	145	P	
3	180.6488	16.87	12.36	29.23	43.50	-14.27	peak	200	245	P	
4	213.0150	14.65	11.64	26.29	43.50	-17.21	peak	200	350	P	
5	364.2595	13.71	16.72	30.43	46.00	-15.57	peak	200	129	P	
6 *	590.9737	9.98	22.64	32.62	46.00	-13.38	peak	200	294	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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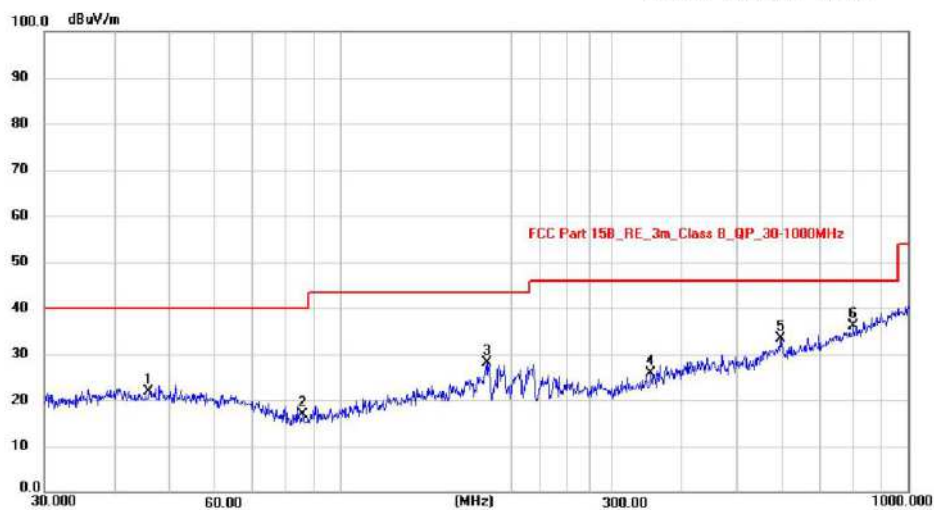
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2478MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:49:40



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	46.0162	7.67	14.31	21.98	40.00	-18.02	peak	200	117	P	
2	85.5974	7.32	9.61	16.93	40.00	-23.07	peak	200	136	P	
3	180.6488	15.77	12.36	28.13	43.50	-15.37	peak	200	256	P	
4	351.7080	9.64	16.36	26.00	46.00	-20.00	peak	200	48	P	
5	595.1329	10.64	22.75	33.39	46.00	-12.61	peak	200	156	P	
6 *	801.7862	9.64	26.37	36.01	46.00	-9.99	peak	200	305	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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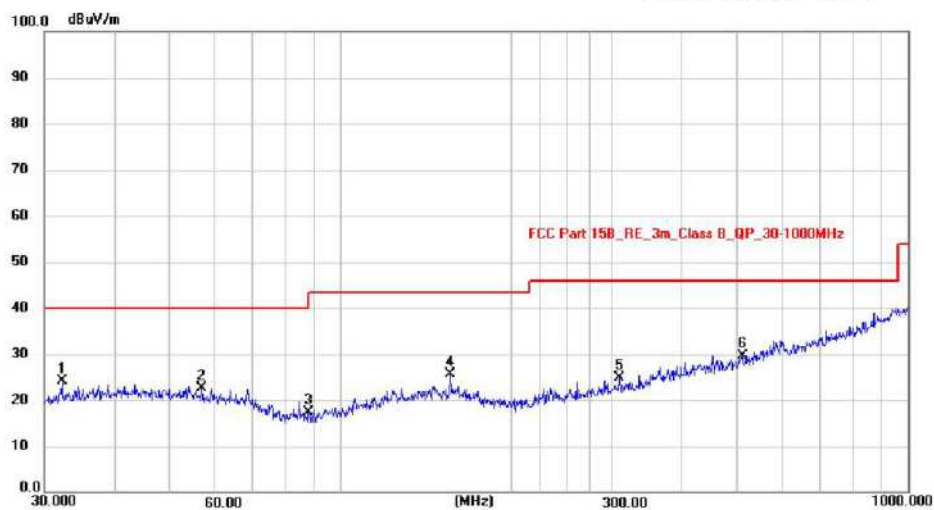
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2478MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/14 12:52:04



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	32.1795	10.65	13.37	24.02	40.00	-15.98	peak	100	78	P	
2	56.7916	9.31	13.44	22.75	40.00	-17.25	peak	100	355	P	
3	87.7245	7.70	9.66	17.36	40.00	-22.64	peak	100	254	P	
4	155.9101	11.32	14.26	25.58	43.50	-17.92	peak	100	159	P	
5	309.9977	9.80	15.18	24.98	46.00	-21.02	peak	100	98	P	
6	510.0434	9.26	20.43	29.69	46.00	-16.31	peak	100	165	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

1GHz - 18GHz



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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: ITE Hearing Aids	Distance: 3m	Humidity: 54 %RH
M/N: Sara 1	Test Engineer: Felix Pang	
Test Mode: 1M 2402MHz		
Test Voltage: DC 3.7V		
Note:		

Radiated Emission Measurement

Test Date: 2024/10/16 12:02:00



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	7440.875	46.43	-7.66	38.77	74.00	-35.23	peak	150	125	P	
2	9306.625	43.91	-6.03	37.88	74.00	-36.12	peak	150	217	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: ITE Hearing Aids	Distance: 3m	Humidity: 54 %RH
M/N: Sara 1	Test Engineer: Felix Pang	
Test Mode: 1M 2402MHz		
Test Voltage: DC 3.7V		
Note:		

Radiated Emission Measurement

Test Date: 2024/10/16 12:06:23



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	6746.000	47.40	-8.76	38.64	74.00	-35.36	peak	150	125	P	
2	8363.125	44.44	-6.81	37.63	74.00	-36.37	peak	150	245	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
 EUT: ITE Hearing Aids Distance: 3m Humidity: 54 %RH
 M/N: Sara 1 Test Engineer: Felix Pang
 Test Mode: 1M 2440MHz
 Test Voltage: DC 3.7V
 Note:

Radiated Emission Measurement

Test Date: 2024/10/16 12:09:16



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	8197.375	45.22	-6.97	38.25	74.00	-35.75	peak	150	247	P	
2 *	6406.000	48.96	-9.73	39.23	74.00	-34.77	peak	150	174	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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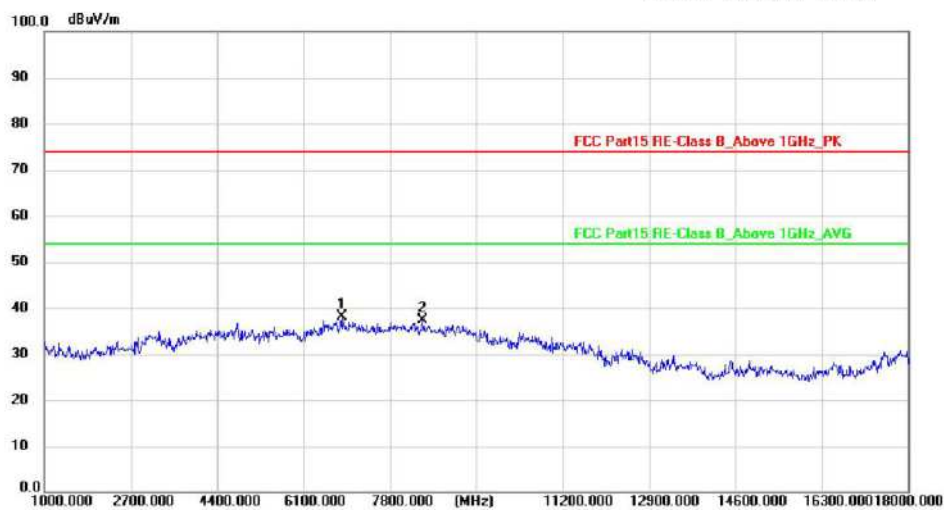
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2440MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/16 12:13:35



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	6852.250	46.56	-8.46	38.10	74.00	-35.90	peak	150	267	P	
2	8454.500	44.21	-6.73	37.48	74.00	-36.52	peak	150	217	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2480MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/16 12:17:30



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	3985.625	56.13	-16.14	39.99	74.00	-34.01	peak	150	216	P	
2	7245.375	45.40	-7.83	37.57	74.00	-36.43	peak	150	149	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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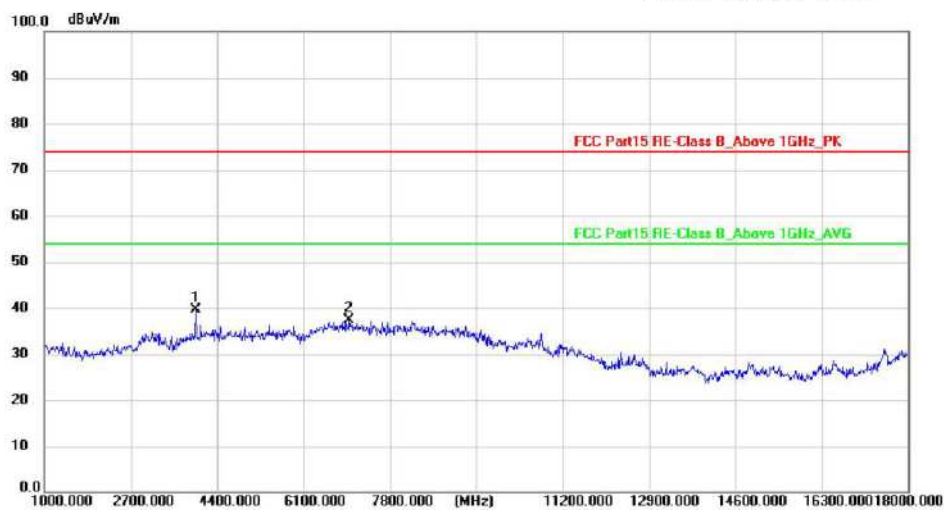
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2480MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/16 12:23:50



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	3983.500	55.87	-16.15	39.72	74.00	-34.28	peak	150	337	P	
2	7007.375	45.31	-8.03	37.28	74.00	-36.72	peak	150	214	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: ITE Hearing Aids	Distance: 3m	Humidity: 54 %RH
M/N: Sara 1	Test Engineer: Felix Pang	
Test Mode: 2M 2404MHz		
Test Voltage: DC 3.7V		
Note:		

Radiated Emission Measurement

Test Date: 2024/10/16 12:27:46



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	8154.875	45.40	-7.01	38.39	74.00	-35.61	peak	150	216	P	
2	7026.500	45.74	-8.02	37.72	74.00	-36.28	peak	150	248	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: ITE Hearing Aids	Distance: 3m	Humidity: 54 %RH
M/N: Sara 1	Test Engineer: Felix Pang	
Test Mode: 2M 2404MHz		
Test Voltage: DC 3.7V		
Note:		

Radiated Emission Measurement

Test Date: 2024/10/16 12:32:12



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5919.375	47.09	-11.00	36.09	74.00	-37.91	peak	150	28	P	
2 *	7060.500	45.90	-7.98	37.92	74.00	-36.08	peak	150	215	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
 EUT: ITE Hearing Aids Distance: 3m Humidity: 54 %RH
 M/N: Sara 1 Test Engineer: Felix Pang
 Test Mode: 2M 2440MHz
 Test Voltage: DC 3.7V
 Note:

Radiated Emission Measurement

Test Date: 2024/10/16 12:36:00



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	7003.125	46.23	-8.04	38.19	74.00	-35.81	peak	150	243	P	
2	8261.125	44.96	-6.91	38.05	74.00	-35.95	peak	150	217	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

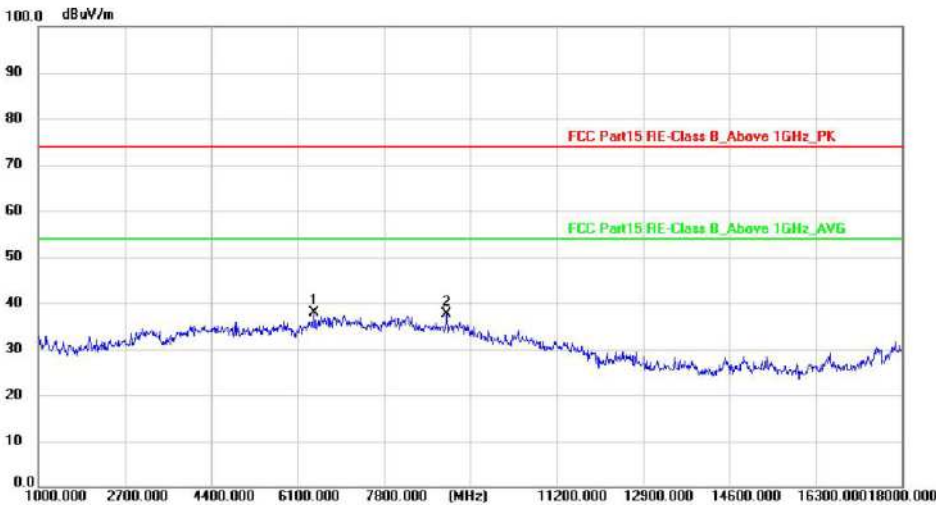


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
 EUT: ITE Hearing Aids Distance: 3m Humidity: 54 %RH
 M/N: Sara 1 Test Engineer: Felix Pang
 Test Mode: 2M 2440MHz
 Test Voltage: DC 3.7V
 Note:

Radiated Emission Measurement

Test Date: 2024/10/16 12:42:20



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	6425.125	47.53	-9.67	37.86	74.00	-36.14	peak	150	324	P	
2	9047.375	43.85	-6.19	37.66	74.00	-36.34	peak	150	258	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

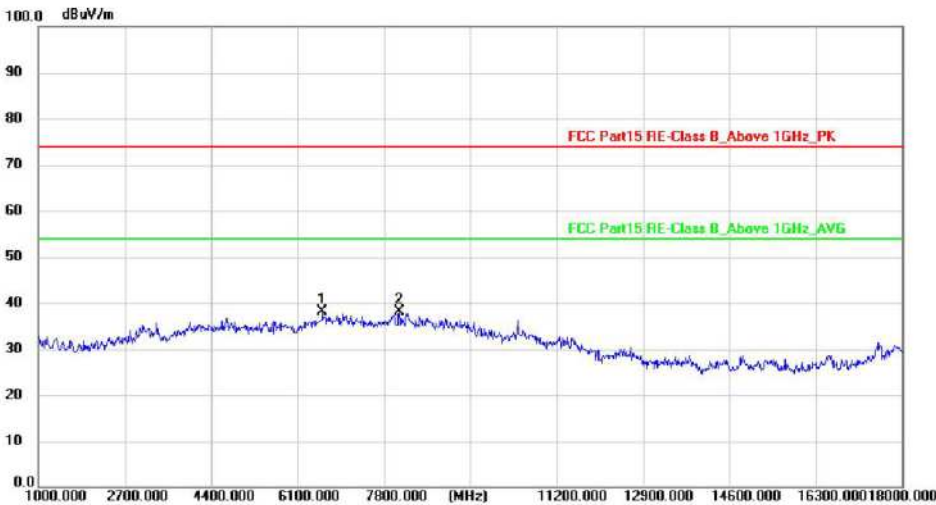


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
 EUT: ITE Hearing Aids Distance: 3m Humidity: 54 %RH
 M/N: Sara 1 Test Engineer: Felix Pang
 Test Mode: 2M 2478MHz
 Test Voltage: DC 3.7V
 Note:

Radiated Emission Measurement

Test Date: 2024/10/16 12:46:26



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	6607.875	47.34	-9.15	38.19	74.00	-35.81	peak	150	320	P	
2	8106.000	45.25	-7.06	38.19	74.00	-35.81	peak	150	157	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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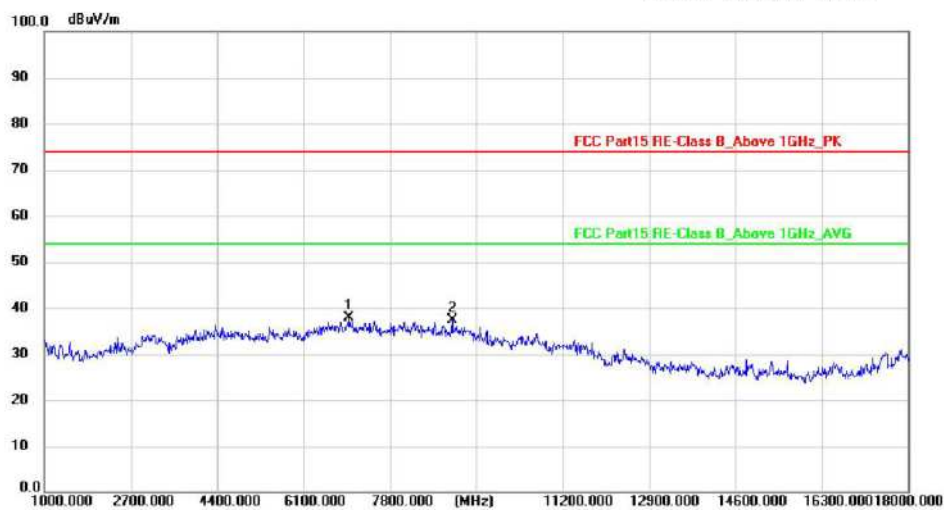
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2478MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/16 12:49:42



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	7007.375	46.03	-8.03	38.00	74.00	-36.00	peak	150	85	P	
2	9026.125	43.58	-6.19	37.39	74.00	-36.61	peak	150	157	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

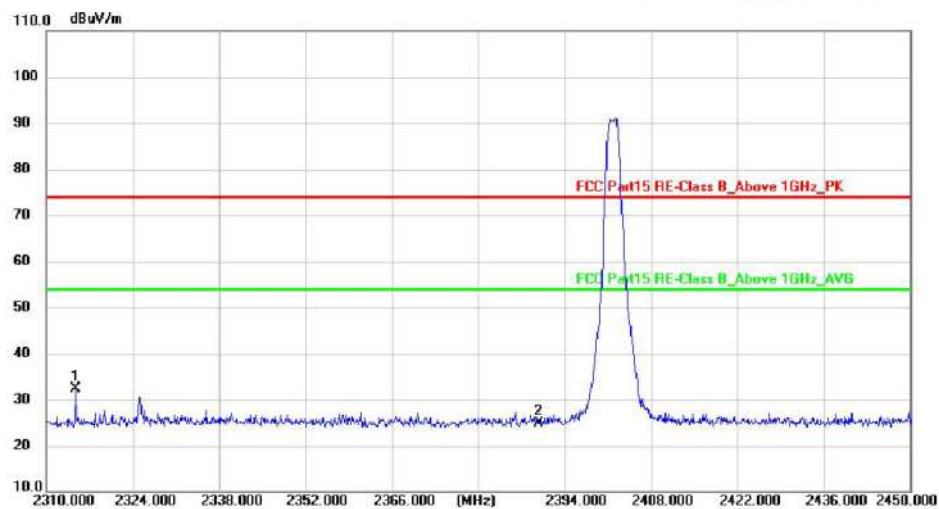


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: ITE Hearing Aids	Distance: 3m	Humidity: 54 %RH
M/N: Sara 1	Test Engineer: Felix Pang	
Test Mode: 1M 2402MHz		
Test Voltage: DC 3.7V		
Note:		

Radiated Emission Measurement

Test Date: 2024/10/16 14:32:49



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2314.795	58.75	-26.34	32.41	74.00	-41.59	peak	150	159	P	
2	2390.000	50.89	-26.12	24.77	74.00	-49.23	peak	150	247	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

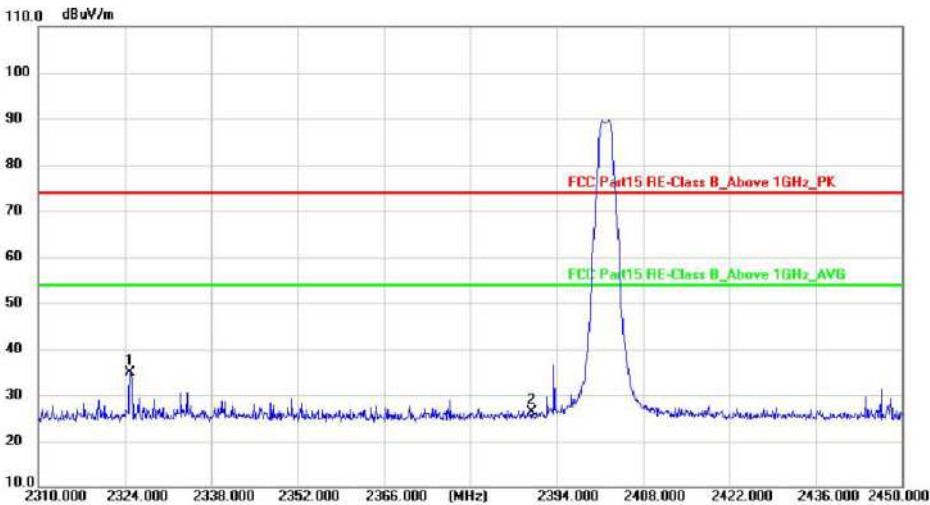


Shenzhen PSI Testing Co., Ltd.
 1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
 Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
 EUT: ITE Hearing Aids Distance: 3m Humidity: 54 %RH
 M/N: Sara 1 Test Engineer: Felix Pang
 Test Mode: 1M 2402MHz
 Test Voltage: DC 3.7V
 Note:

Radiated Emission Measurement

Test Date: 2024/10/16 14:34:53



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2324.963	61.08	-26.32	34.76	74.00	-39.24	peak	150	45	P	
2	2390.000	52.40	-26.12	26.28	74.00	-47.72	peak	150	157	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

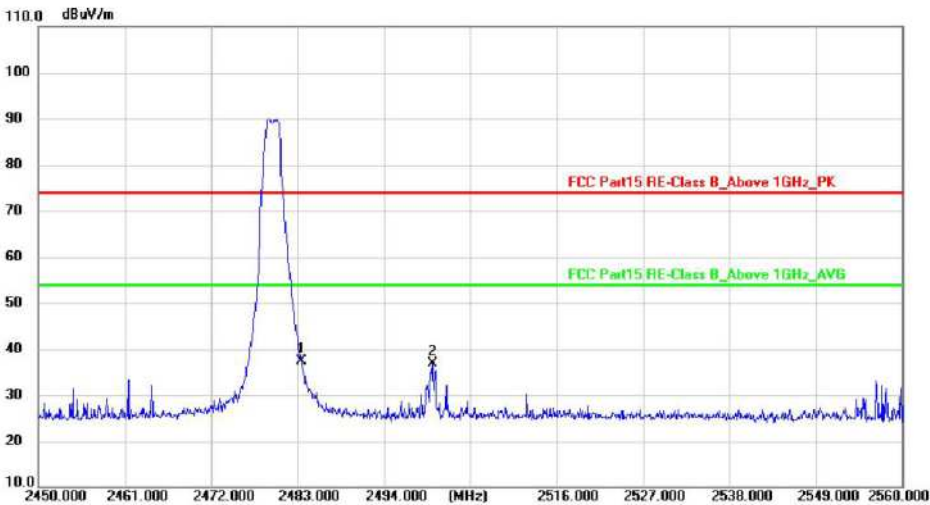


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
 EUT: ITE Hearing Aids Distance: 3m Humidity: 54 %RH
 M/N: Sara 1 Test Engineer: Felix Pang
 Test Mode: 1M 2480MHz
 Test Voltage: DC 3.7V
 Note:

Radiated Emission Measurement

Test Date: 2024/10/16 14:38:56



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2483.500	63.11	-25.84	37.27	74.00	-36.73	peak	150	324	P	
2	2500.229	62.71	-25.78	36.93	74.00	-37.07	peak	150	157	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

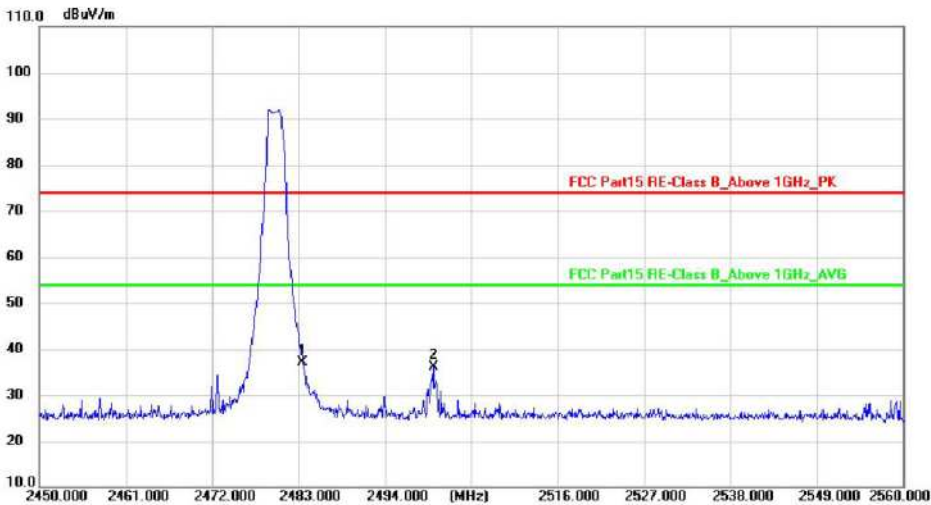


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 Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
 EUT: ITE Hearing Aids Distance: 3m Humidity: 54 %RH
 M/N: Sara 1 Test Engineer: Felix Pang
 Test Mode: 1M 2480MHz
 Test Voltage: DC 3.7V
 Note:

Radiated Emission Measurement

Test Date: 2024/10/16 14:42:02



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2483.500	63.03	-25.84	37.19	74.00	-36.81	peak	150	78	P	
2	2500.160	62.02	-25.78	36.24	74.00	-37.76	peak	150	158	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

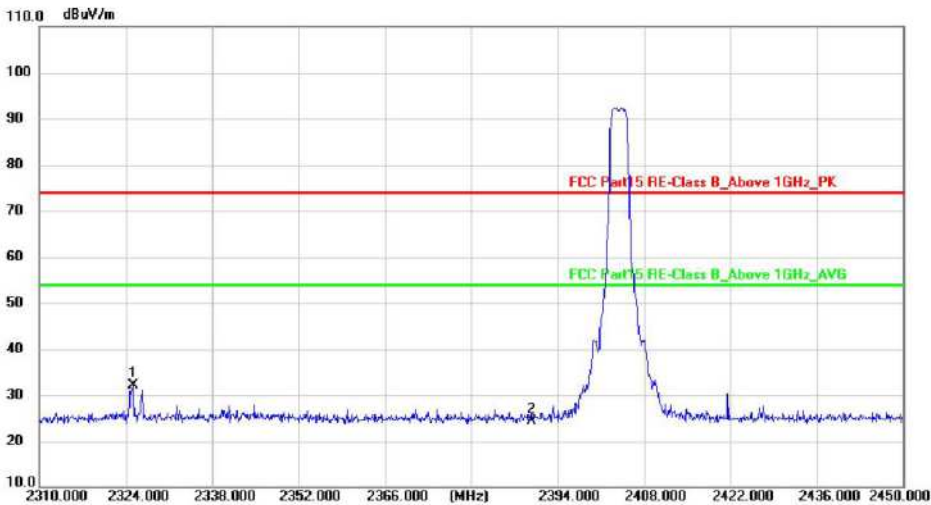


Shenzhen PSI Testing Co., Ltd.
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 Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
 EUT: ITE Hearing Aids Distance: 3m Humidity: 54 %RH
 M/N: Sara 1 Test Engineer: Felix Pang
 Test Mode: 2M 2404MHz
 Test Voltage: DC 3.7V
 Note:

Radiated Emission Measurement

Test Date: 2024/10/16 14:47:33



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2325.120	58.56	-26.32	32.24	74.00	-41.76	peak	150	245	P	
2	2390.000	50.62	-26.12	24.50	74.00	-49.50	peak	150	127	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

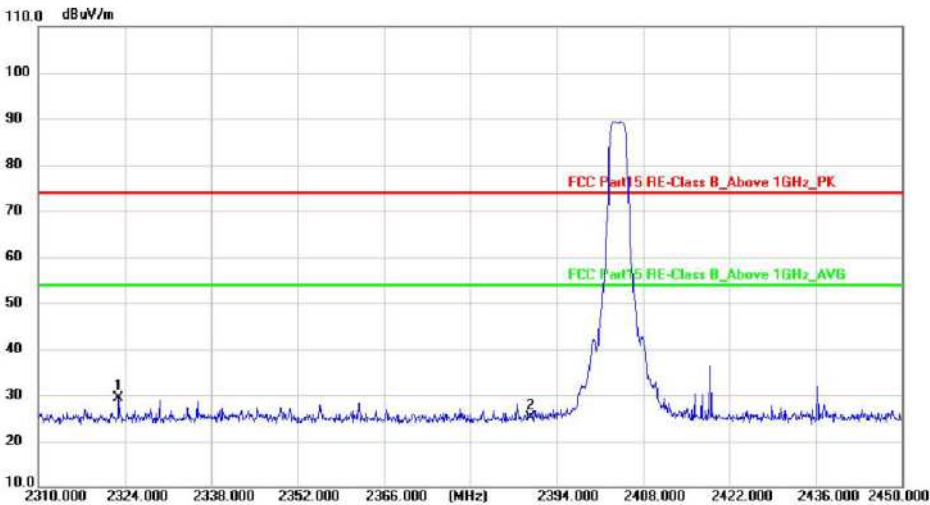


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
 EUT: ITE Hearing Aids Distance: 3m Humidity: 54 %RH
 M/N: Sara 1 Test Engineer: Felix Pang
 Test Mode: 2M 2404MHz
 Test Voltage: DC 3.7V
 Note:

Radiated Emission Measurement

Test Date: 2024/10/16 14:53:58



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2323.142	55.63	-26.32	29.31	74.00	-44.69	peak	150	78	P	
2	2390.000	51.21	-26.12	25.09	74.00	-48.91	peak	150	45	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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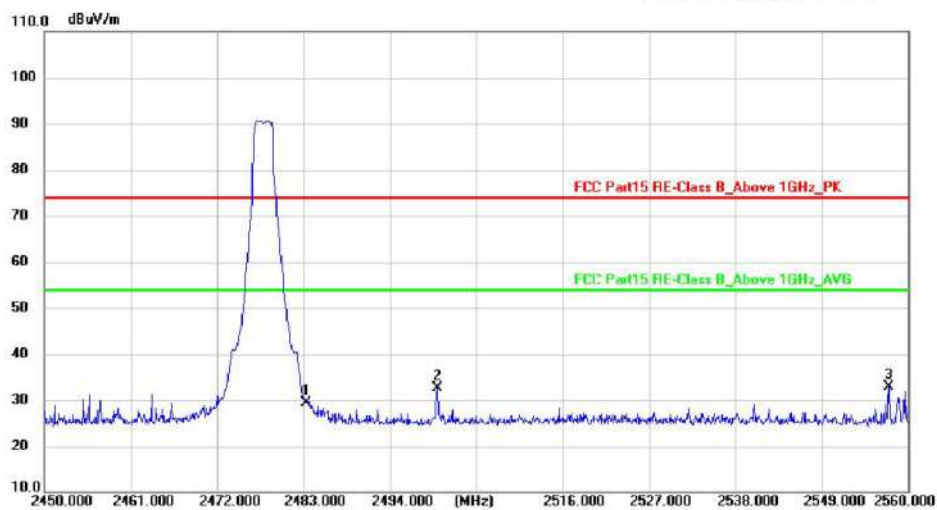
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2478MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/16 14:57:05



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2483.500	55.22	-25.84	29.38	74.00	-44.62	peak	150	241	P	
2	2500.050	58.39	-25.78	32.61	74.00	-41.39	peak	150	157	P	
3 *	2557.580	58.55	-25.60	32.95	74.00	-41.05	peak	150	45	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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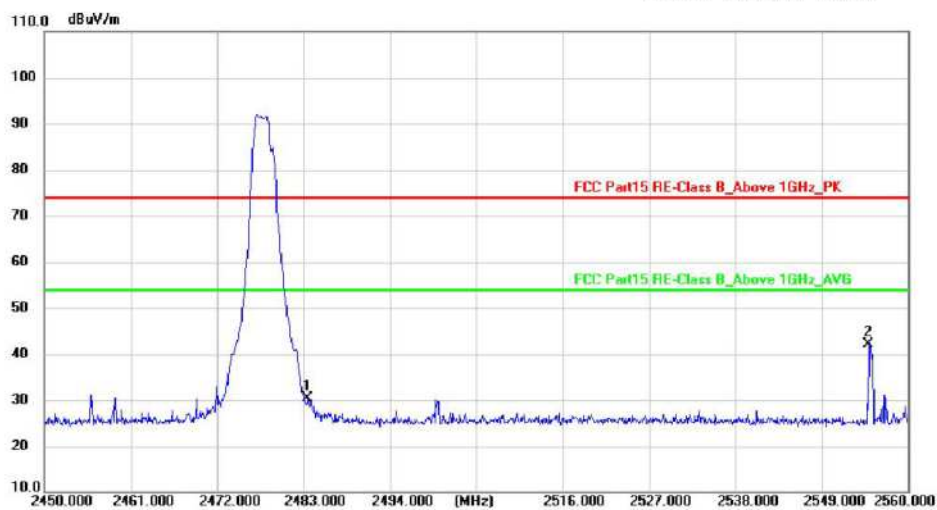
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2478MHz
Test Voltage: DC 3.7V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/16 15:02:23



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2483.500	56.32	-25.84	30.48	74.00	-43.52	peak	150	145	P	
2 *	2555.146	67.64	-25.62	42.02	74.00	-31.98	peak	150	214	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit