

Appendix B: Test Results of Bluetooth LE

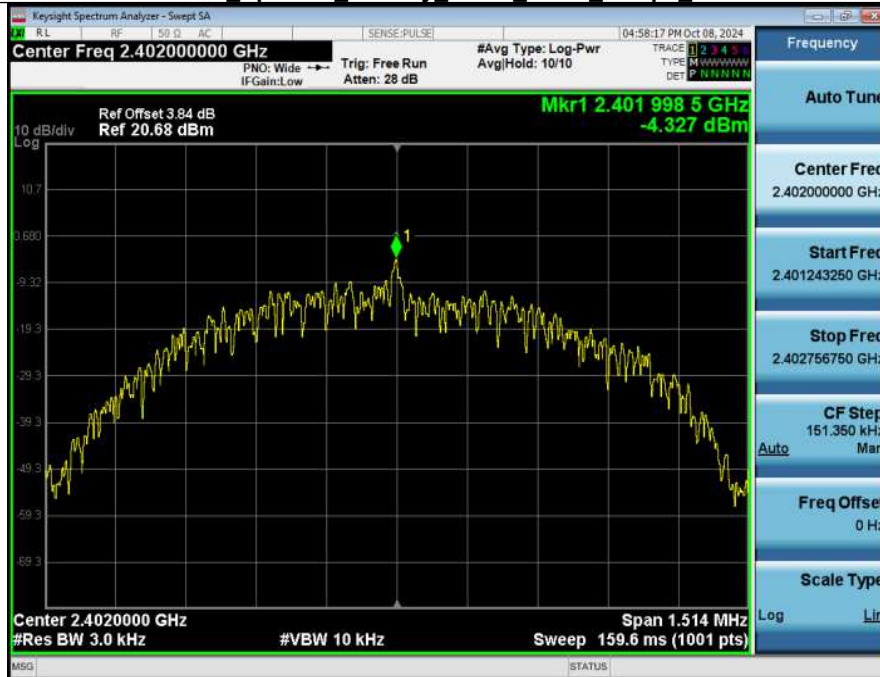
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Appendix B.1: Test Results of Conducted Power Spectral Density

Bluetooth LE, 1Mbps

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density (dBm)	Limit (dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-4.33	8	Pass
NVNT	ANT1	1Mbps	2440.00	-3.86	8	Pass
NVNT	ANT1	1Mbps	2480.00	-3.65	8	Pass

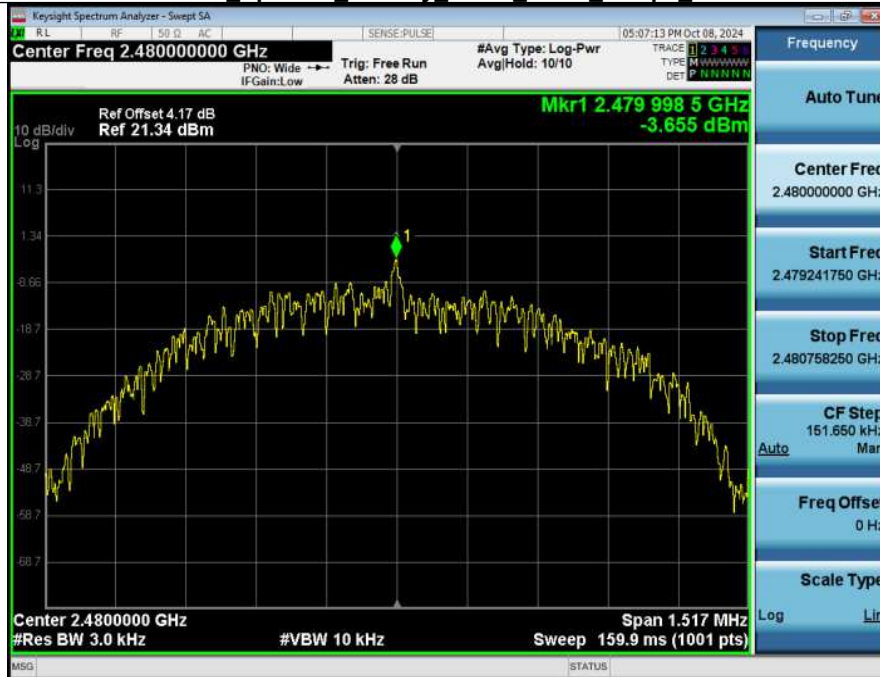
Power Spectral Density NVNT ANT1 1Mbps 2402



Power Spectral Density NVNT ANT1 1Mbps 2440



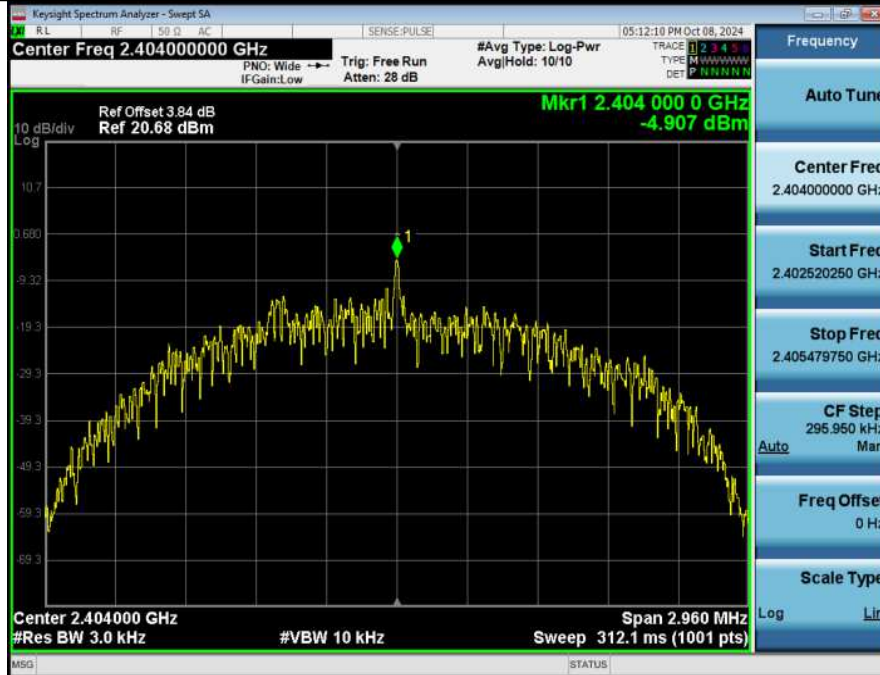
Power Spectral Density NVNT ANT1 1Mbps 2480



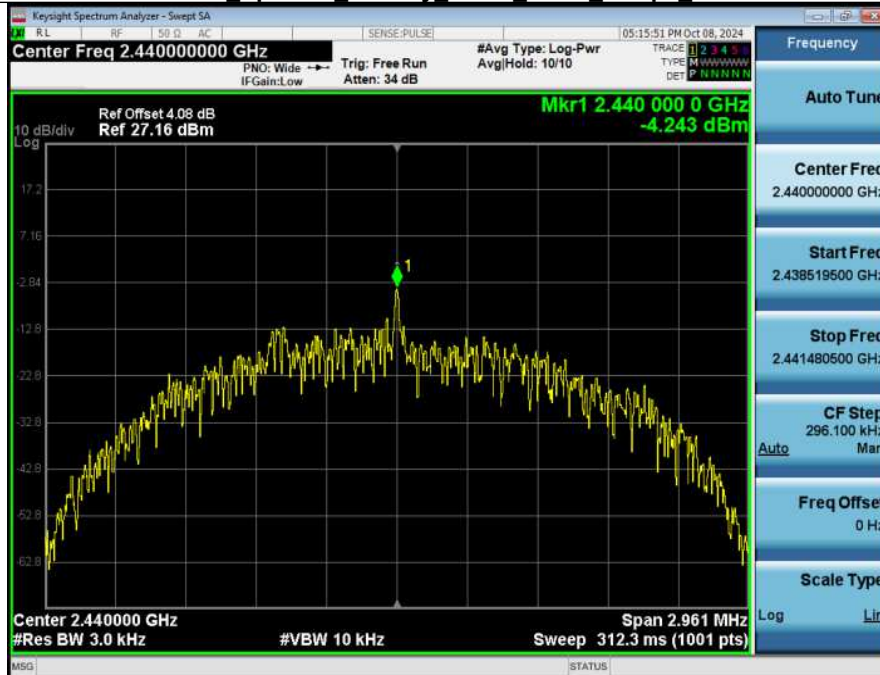
Bluetooth LE, 2Mbps

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density (dBm)	Limit (dBm/3kHz)	Result
NVNT	ANT1	2Mbps	2404.00	-4.91	8	Pass
NVNT	ANT1	2Mbps	2440.00	-4.24	8	Pass
NVNT	ANT1	2Mbps	2478.00	-4.01	8	Pass

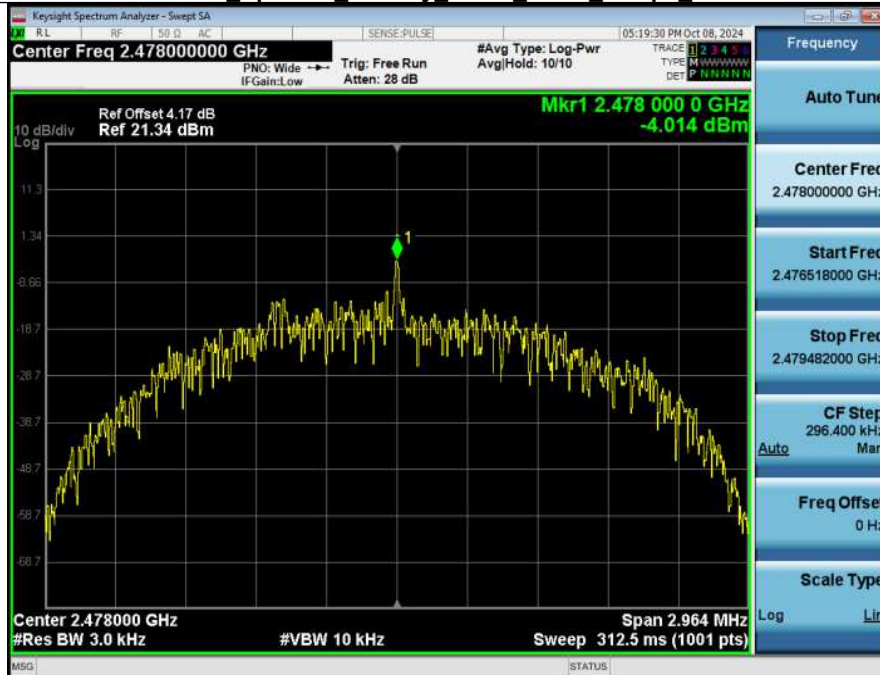
Power Spectral Density NVNT ANT1 2Mbps 2404



Power Spectral Density NVNT ANT1 2Mbps 2440



Power Spectral Density NVNT ANT1_2Mbps_2478

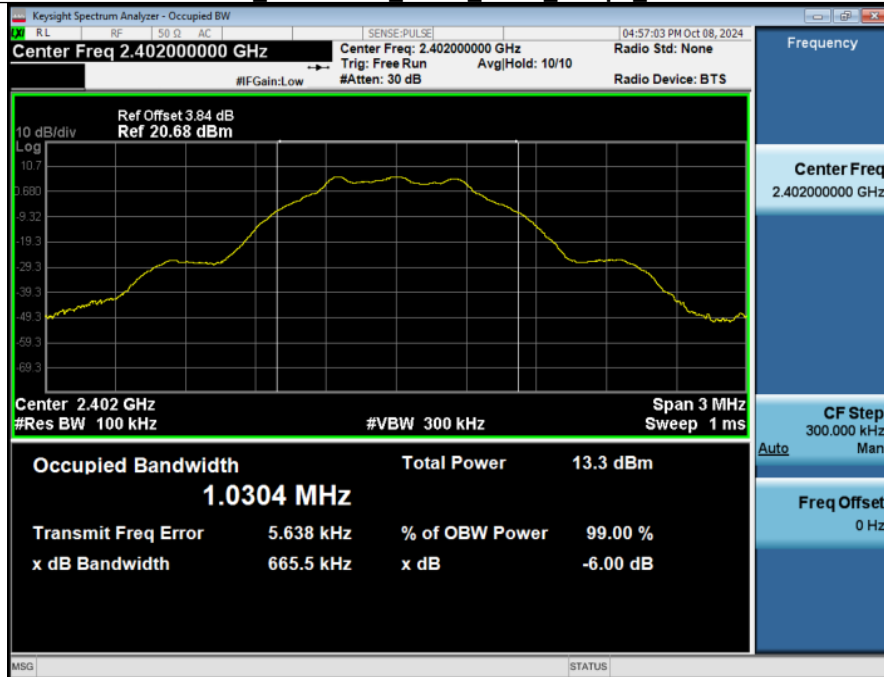


Appendix B.2: Test Results of 6dB Bandwidth

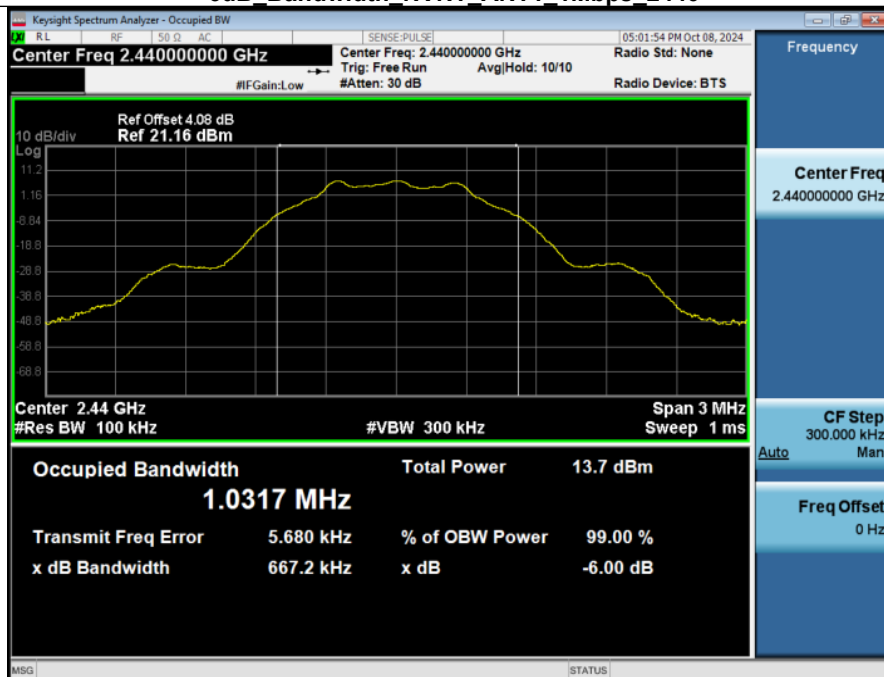
Bluetooth LE, 1Mbps

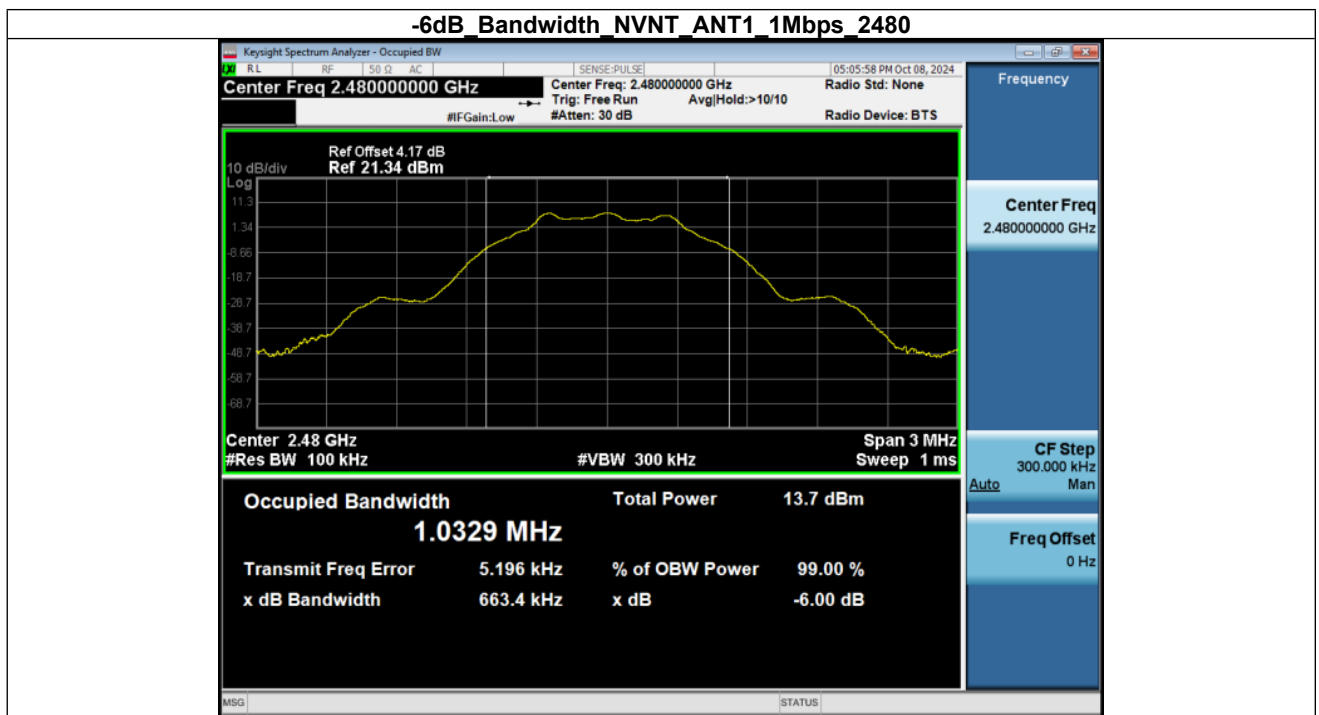
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW (kHz)	Limit (kHz)	Result
NVNT	ANT1	1Mbps	2402.00	665.46	500	Pass
NVNT	ANT1	1Mbps	2440.00	667.21	500	Pass
NVNT	ANT1	1Mbps	2480.00	663.36	500	Pass

-6dB Bandwidth NVNT ANT1 1Mbps 2402



-6dB Bandwidth NVNT ANT1 1Mbps 2440

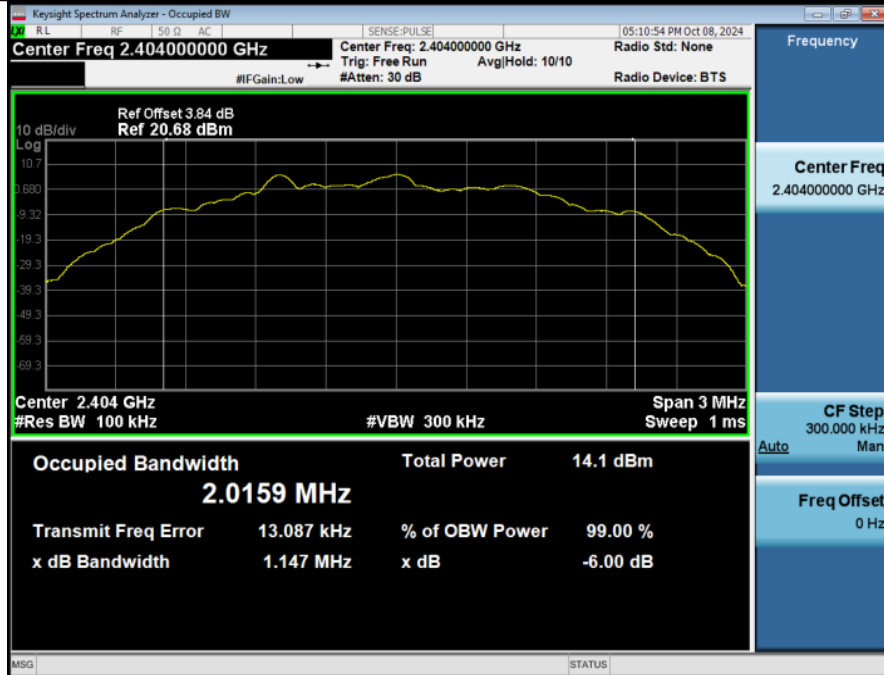




Bluetooth LE, 2Mbps

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW (kHz)	Limit (kHz)	Result
NVNT	ANT1	2Mbps	2404.00	1147.16	500	Pass
NVNT	ANT1	2Mbps	2440.00	1146.26	500	Pass
NVNT	ANT1	2Mbps	2478.00	1144.11	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	1.010
NVNT	ANT1	1Mbps	2480.00	1.011

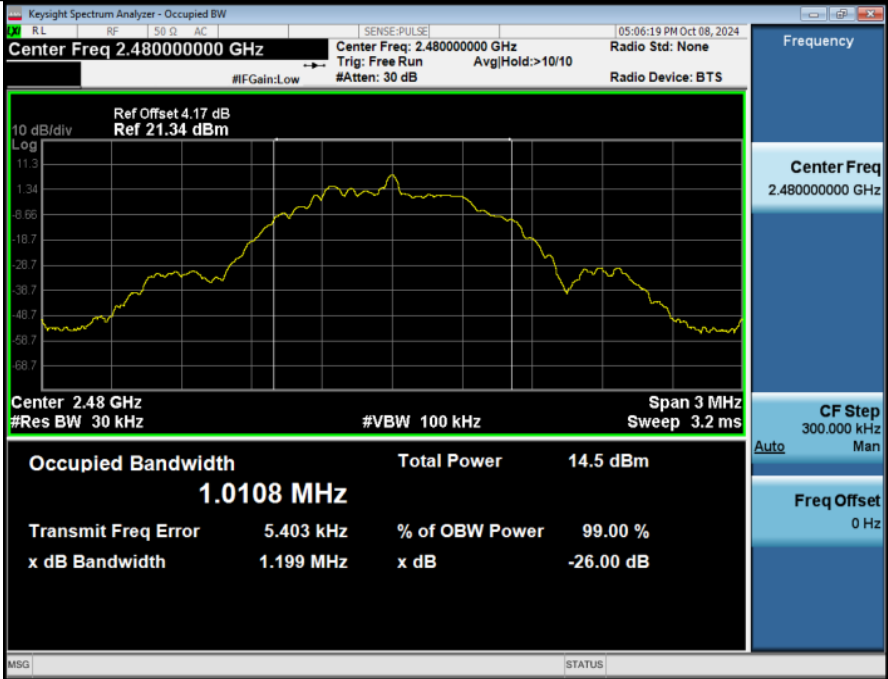
99% Occupied Bandwidth NVNT ANT1 1Mbps 2402



99% Occupied Bandwidth NVNT ANT1 1Mbps 2440



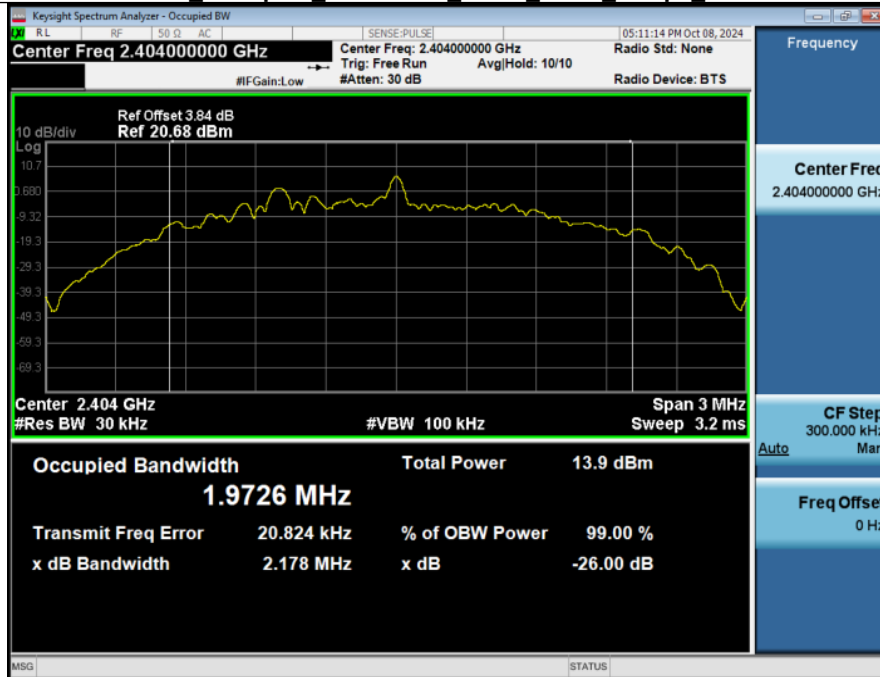
99% Occupied Bandwidth NVNT ANT1_1Mbps_2480



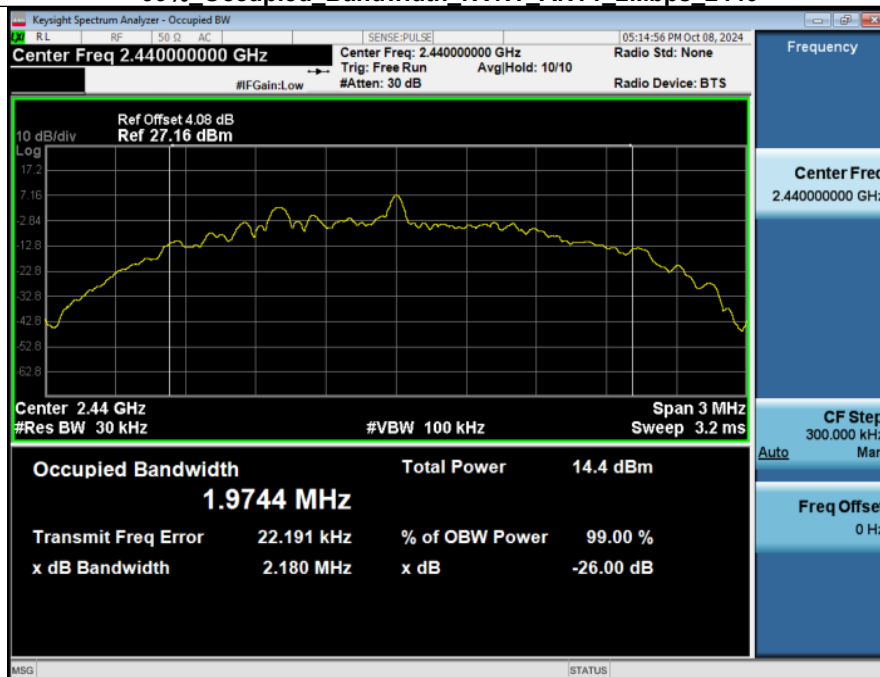
Bluetooth LE, 2Mbps

Condition	Antenna	Rate	Frequency (MHz)	99%%BW (MHz)
NVNT	ANT1	2Mbps	2404.00	1.973
NVNT	ANT1	2Mbps	2440.00	1.974
NVNT	ANT1	2Mbps	2478.00	1.976

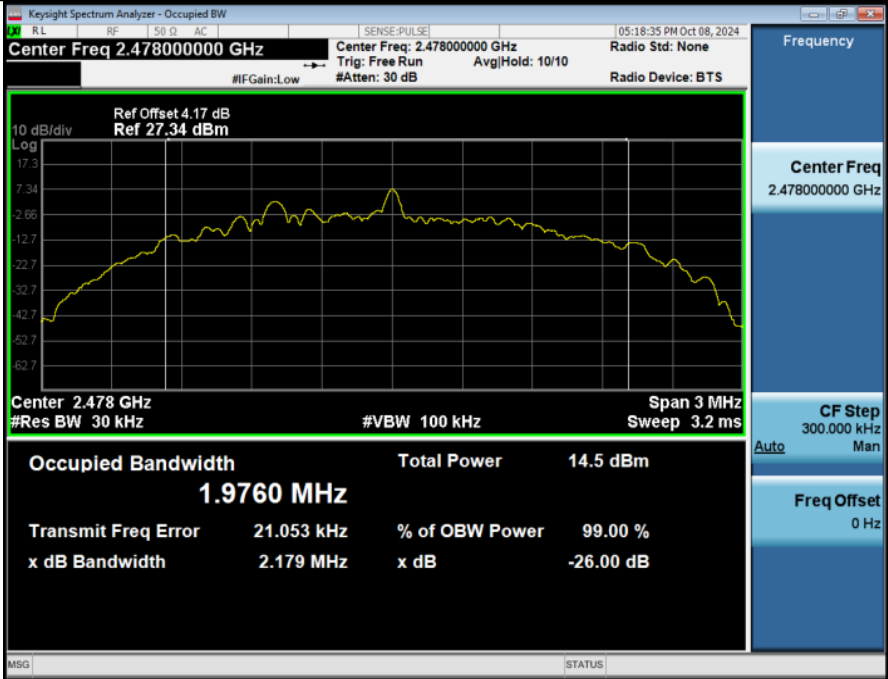
99% Occupied Bandwidth NVNT ANT1 2Mbps 2404



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

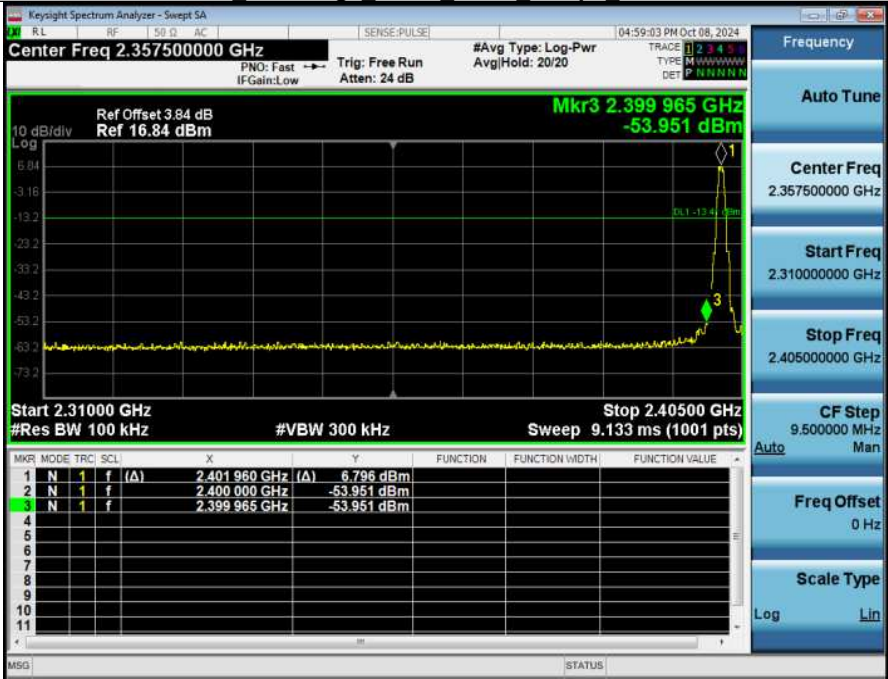
Band Edge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level (dBm)	Limit (dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-53.951	-13.410	Pass
NVNT	ANT1	1Mbps	2480.00	2484.650	-58.728	-12.843	Pass

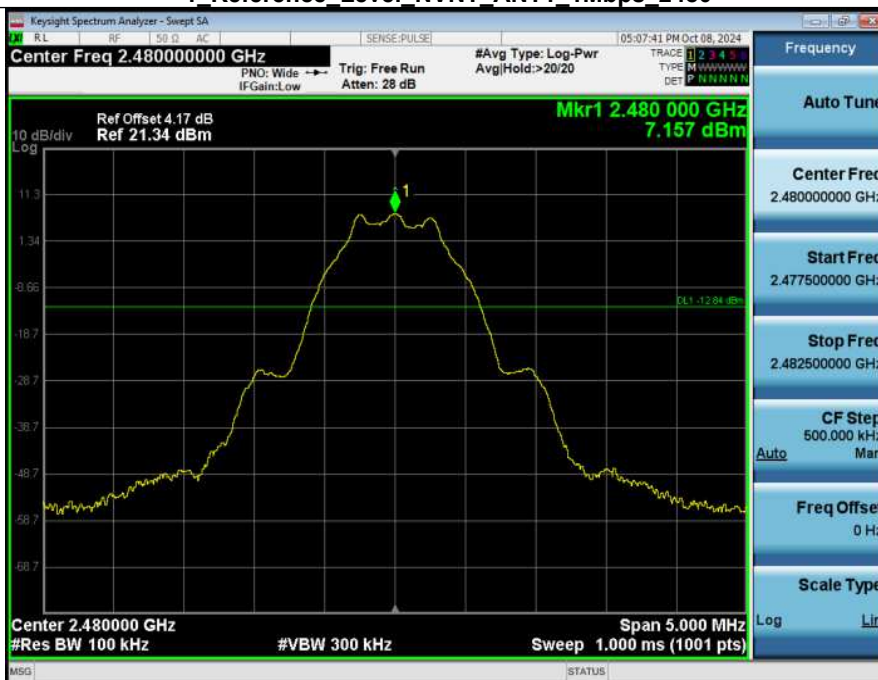
1 Reference Level NVNT ANT1 1Mbps 2402



2 Bandedge NVNT ANT1 1Mbps 2402



1_Reference_Level_NVNT_ANT1_1Mbps_2480



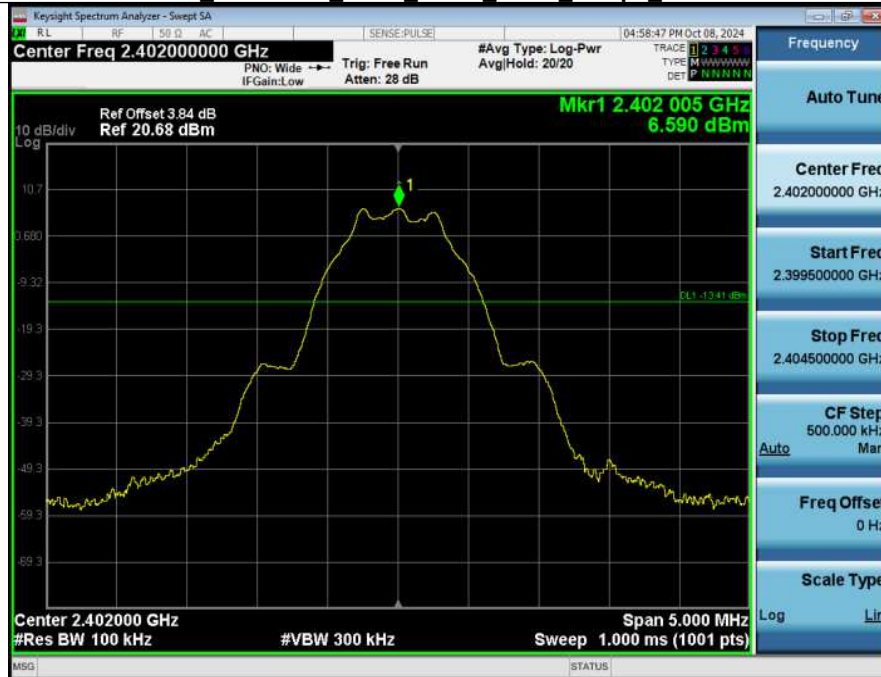
2 Bandedge NVNT ANT1 1Mbps 2480



Conducted Spurious Emission

Condition	Antenna	Rate	TX_Frequency (MHz)	Spurious MAX.Value (dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-49.574	-13.410	Pass
NVNT	ANT1	1Mbps	2440.00	-49.552	-13.003	Pass
NVNT	ANT1	1Mbps	2480.00	-48.160	-12.843	Pass

1 Reference Level NVNT ANT1 1Mbps 2402



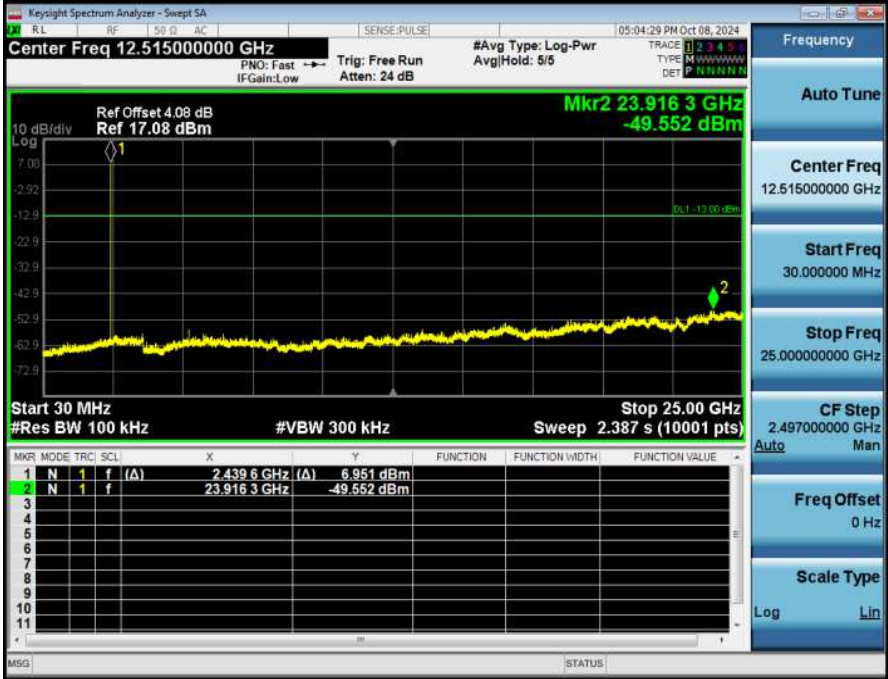
2 Spurious Emission NVNT ANT1 1Mbps 2402



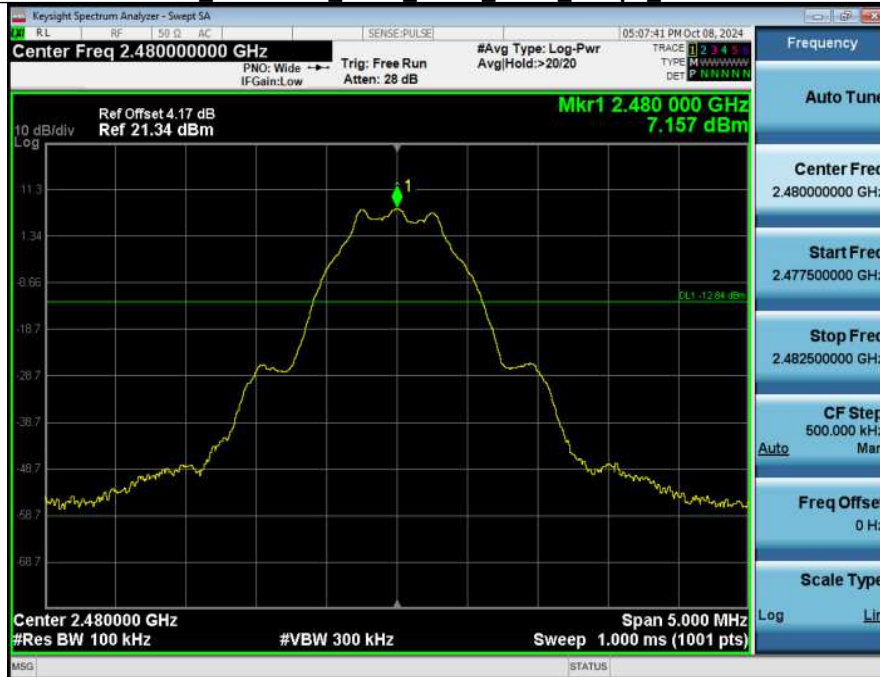
1 Reference Level NVNT ANT1 1Mbps 2440



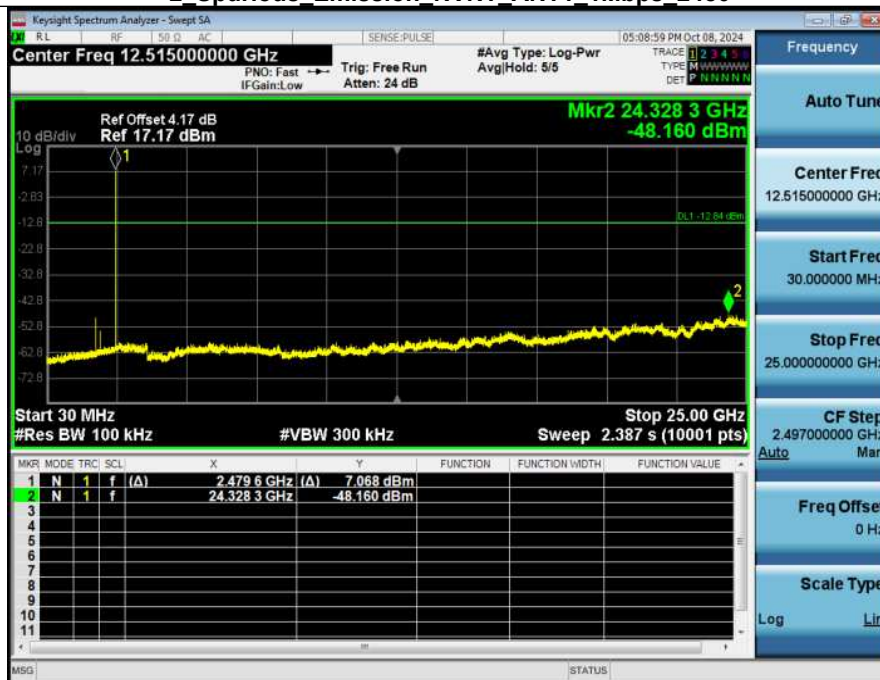
2 Spurious Emission NVNT ANT1 1Mbps 2440



1 Reference Level NVNT ANT1 1Mbps 2480



2 Spurious Emission NVNT ANT1 1Mbps 2480



Bluetooth LE, 2Mbps

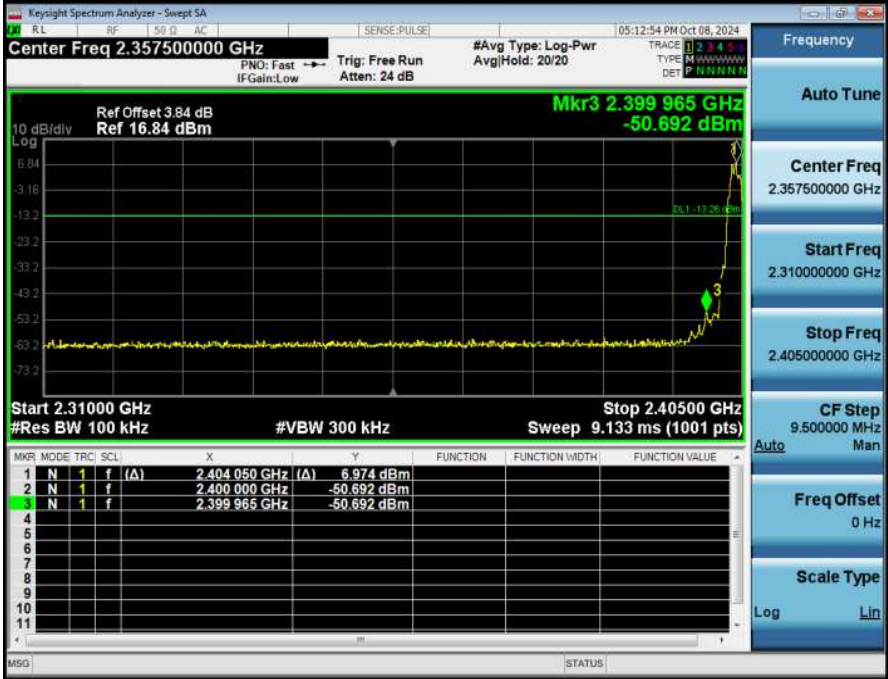
Band Edge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level (dBm)	Limit (dBm)	Result
NVNT	ANT1	2Mbps	2404.00	2399.965	-50.692	-13.261	Pass
NVNT	ANT1	2Mbps	2478.00	2484.025	-52.817	-12.602	Pass

1 Reference Level NVNT ANT1 2Mbps 2404



2 Bandedge NVNT ANT1 2Mbps 2404



1 Reference Level NVNT ANT1 2Mbps 2478



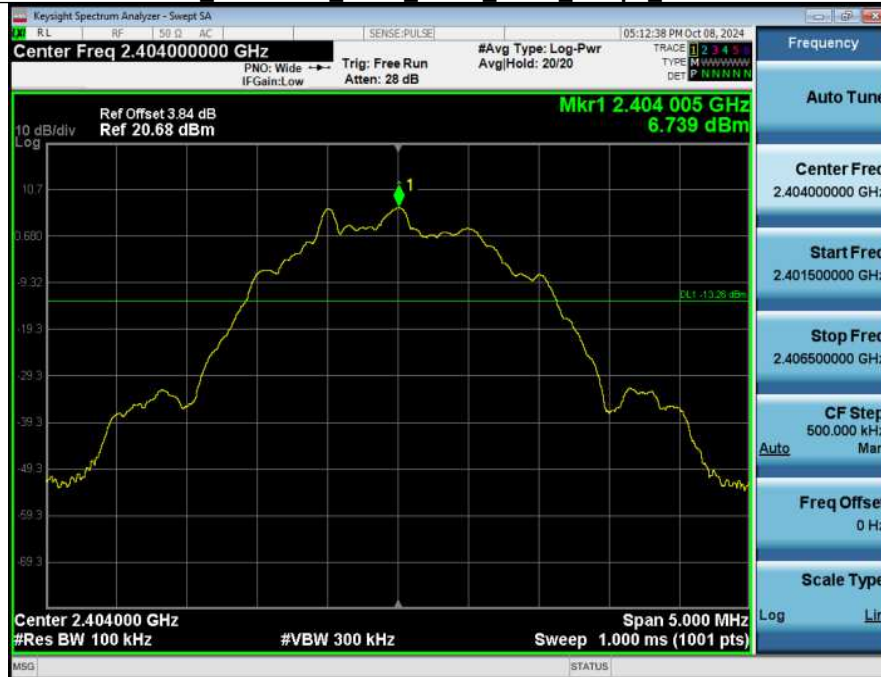
2 Bandedge NVNT ANT1 2Mbps 2478



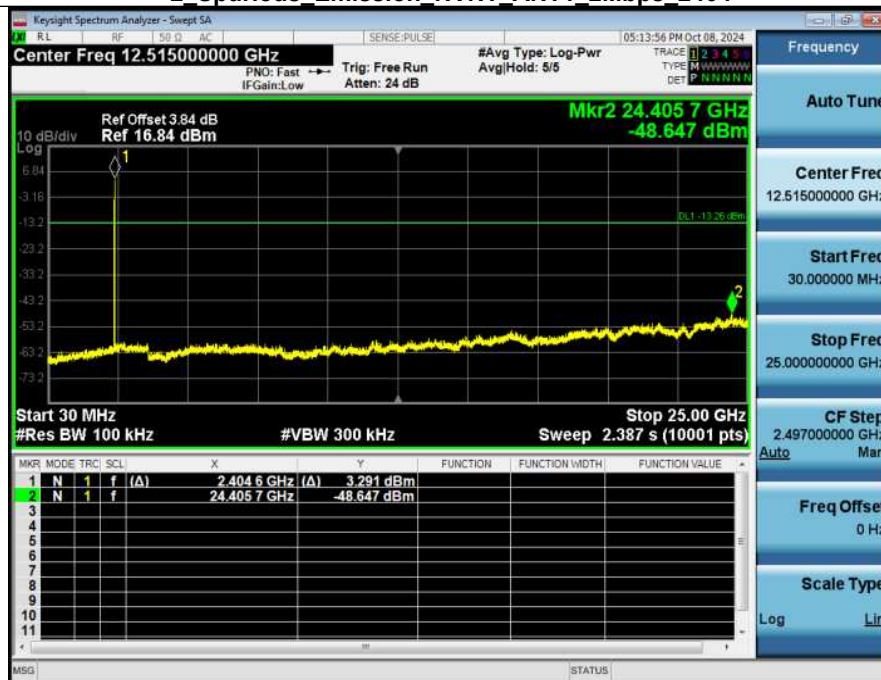
Conducted Spurious Emission

Condition	Antenna	Rate	TX_Frequency (MHz)	Spurious MAX.Value (dBm)	Limit	Result
NVNT	ANT1	2Mbps	2404.00	-48.647	-13.261	Pass
NVNT	ANT1	2Mbps	2440.00	-42.819	-12.763	Pass
NVNT	ANT1	2Mbps	2478.00	-42.933	-12.602	Pass

1 Reference Level NVNT ANT1 2Mbps 2404



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



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: 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: 2024/10/23 12:08:30



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	42.0066	8.19	14.49	22.68	40.00	-17.32	peak	200	241	P	
2	45.6948	7.57	14.33	21.90	40.00	-18.10	peak	200	121	P	
3 *	159.2251	18.37	14.33	32.70	43.50	-10.80	peak	200	42	P	
4	165.4866	15.98	13.81	29.79	43.50	-13.71	peak	200	52	P	
5	364.2595	12.26	16.72	28.98	46.00	-17.02	peak	200	68	P	
6	413.2706	12.77	18.06	30.83	46.00	-15.17	peak	200	120	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
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2402MHz
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: 2024/10/23 12:12:05



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	39.1616	8.13	14.45	22.58	40.00	-17.42	peak	100	124	P	
2	49.8814	8.87	14.15	23.02	40.00	-16.98	peak	100	247	P	
3	125.0066	8.72	12.89	21.61	43.50	-21.89	peak	100	106	P	
4	155.9101	13.23	14.26	27.49	43.50	-16.01	peak	100	207	P	
5	432.5457	9.84	18.52	28.36	46.00	-17.64	peak	100	225	P	
6 *	588.9051	9.90	22.58	32.48	46.00	-13.52	peak	100	98	P	

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



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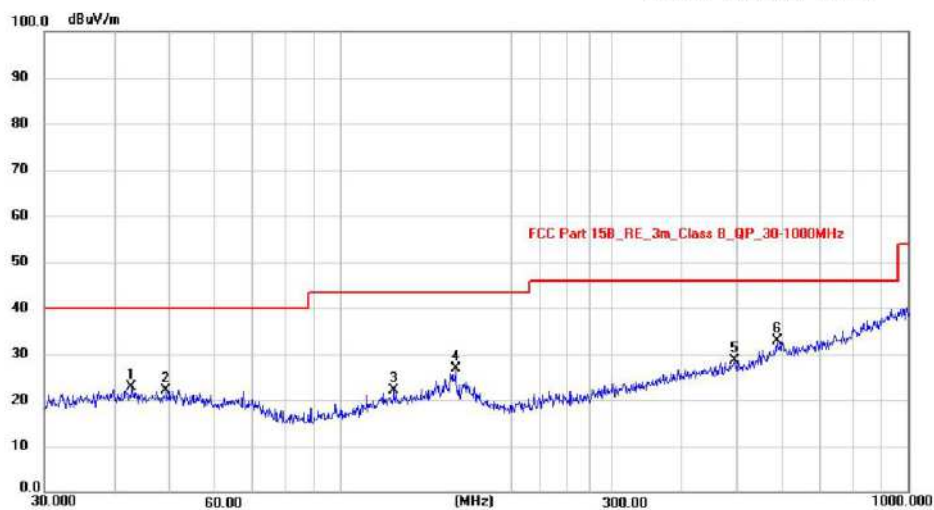
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2440MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/23 12:15:24



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	42.7496	8.32	14.45	22.77	40.00	-17.23	peak	100	78	P	
2	49.1865	8.05	14.18	22.23	40.00	-17.77	peak	100	154	P	
3	124.1330	9.33	12.83	22.16	43.50	-21.34	peak	100	265	P	
4	159.2251	12.55	14.33	26.88	43.50	-16.62	peak	100	214	P	
5	494.1984	8.68	20.01	28.69	46.00	-17.31	peak	100	207	P	
6 *	586.8437	10.42	22.53	32.95	46.00	-13.05	peak	100	108	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: 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: 2024/10/23 12:18:49



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	37.6798	9.03	14.23	23.26	40.00	-16.74	peak	200	21	P	
2	46.9948	8.09	14.27	22.36	40.00	-17.64	peak	200	54	P	
3	152.6641	16.22	14.18	30.40	43.50	-13.10	peak	200	215	P	
4 *	159.7844	18.04	14.35	32.39	43.50	-11.11	peak	200	124	P	
5	364.2595	12.70	16.72	29.42	46.00	-16.58	peak	200	324	P	
6	593.0497	9.68	22.70	32.38	46.00	-13.62	peak	200	214	P	

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

File: BLE TX 30-1000MData :#4

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Engineer Signature:



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
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: 2024/10/23 12:21:12



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	36.6375	8.76	14.08	22.84	40.00	-17.16	peak	200	254	P	
2	49.8814	8.05	14.15	22.20	40.00	-17.80	peak	200	126	P	
3 *	159.7844	18.66	14.35	33.01	43.50	-10.49	peak	200	217	P	
4	166.0680	17.04	13.76	30.80	43.50	-12.70	peak	200	105	P	
5	364.2595	11.71	16.72	28.43	46.00	-17.57	peak	200	304	P	
6	629.4772	9.32	23.36	32.68	46.00	-13.32	peak	200	57	P	

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



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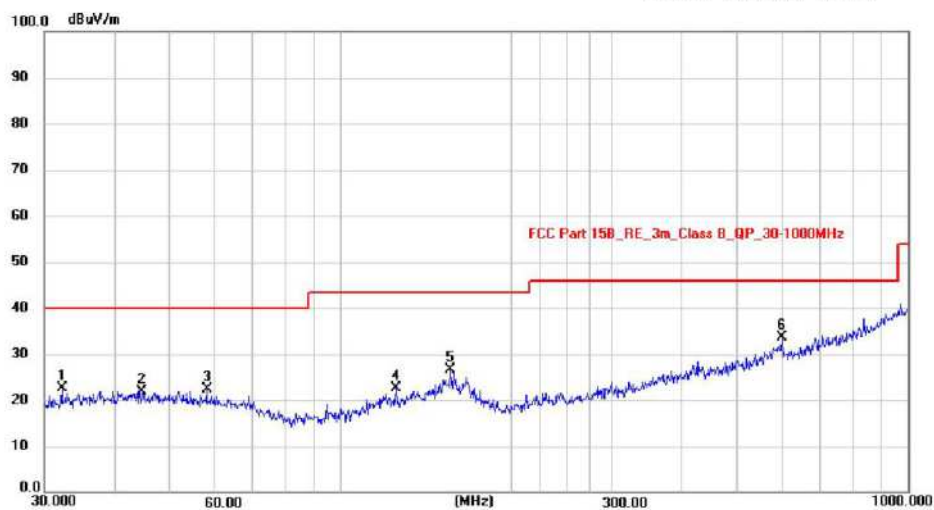
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2480MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/23 12:23:43



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	9.28	13.37	22.65	40.00	-17.35	peak	100	45	P	
2	44.7433	7.49	14.37	21.86	40.00	-18.14	peak	100	127	P	
3	57.9993	9.13	13.32	22.45	40.00	-17.55	peak	100	42	P	
4	125.0066	9.73	12.89	22.62	43.50	-20.88	peak	100	205	P	
5	155.9101	12.33	14.26	26.59	43.50	-16.91	peak	100	308	P	
6 *	599.3212	10.87	22.86	33.73	46.00	-12.27	peak	100	336	P	

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

File: BLE TX 30-1000MData :#6

Page: 1

Engineer Signature:



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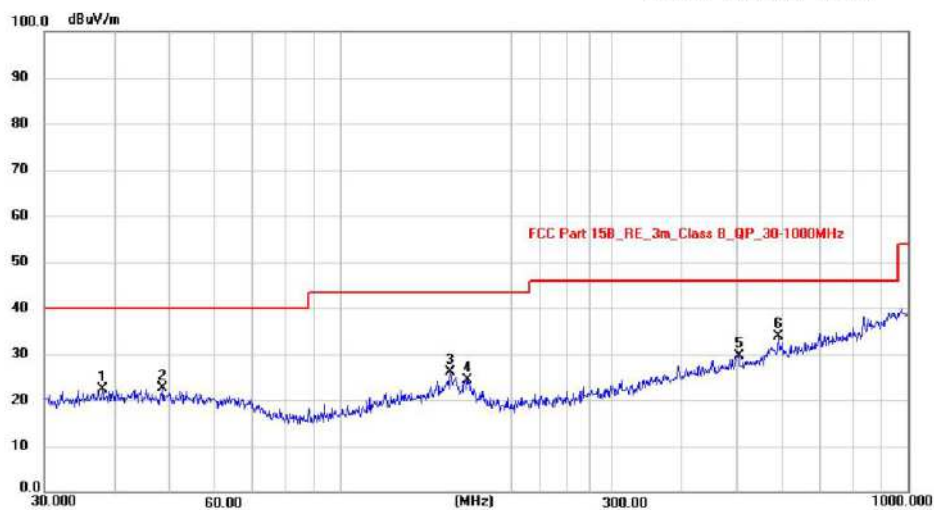
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2404MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/23 12:26:08



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	37.9450	8.16	14.27	22.43	40.00	-17.57	peak	100	125	P	
2	48.5016	8.32	14.20	22.52	40.00	-17.48	peak	100	214	P	
3	155.9101	11.94	14.26	26.20	43.50	-17.30	peak	100	59	P	
4	167.2368	10.78	13.65	24.43	43.50	-19.07	peak	100	78	P	
5	502.9395	9.51	20.24	29.75	46.00	-16.25	peak	100	302	P	
6 *	590.9737	11.16	22.64	33.80	46.00	-12.20	peak	100	154	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: **Horizontal**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/23 12:29:56



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	39.7146	7.35	14.53	21.88	40.00	-18.12	peak	200	210	P	
2	46.8303	8.60	14.28	22.88	40.00	-17.12	peak	200	124	P	
3	159.7844	17.53	14.35	31.88	43.50	-11.62	peak	200	257	P	
4	167.2368	17.14	13.65	30.79	43.50	-12.71	peak	200	59	P	
5	425.0280	11.04	18.34	29.38	46.00	-16.62	peak	200	68	P	
6 *	726.8052	10.67	25.01	35.68	46.00	-10.32	peak	200	201	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: 2024/10/23 12:32:17



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	52.3912	8.24	13.90	22.14	40.00	-17.86	peak	200	201	P	
2	61.3463	9.26	12.97	22.23	40.00	-17.77	peak	200	154	P	
3 *	159.2251	19.44	14.33	33.77	43.50	-9.73	peak	200	230	P	
4	166.0680	16.53	13.76	30.29	43.50	-13.21	peak	200	215	P	
5	364.2595	12.73	16.72	29.45	46.00	-16.55	peak	200	36	P	
6	501.1790	10.31	20.19	30.50	46.00	-15.50	peak	200	98	P	

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



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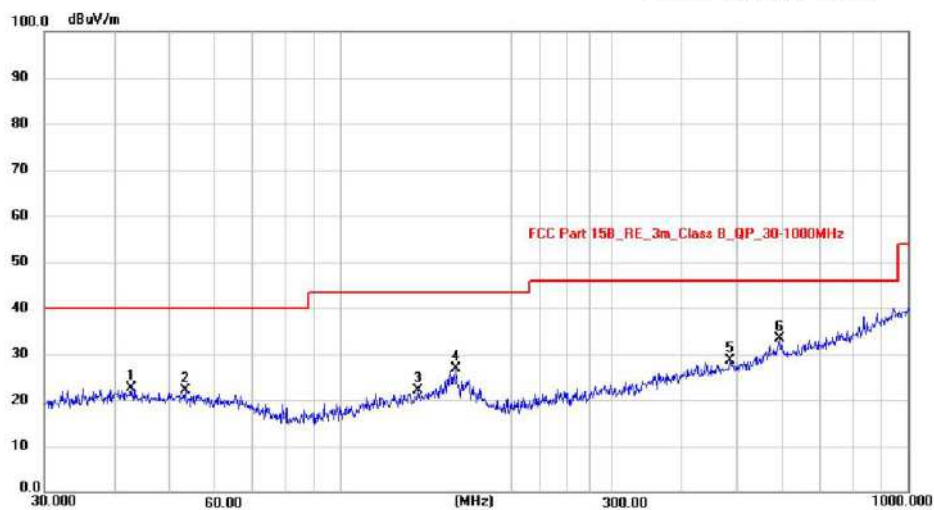
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2440MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/23 12:35:55



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	42.6000	8.19	14.46	22.65	40.00	-17.35	peak	100	15	P	
2	53.1313	8.42	13.83	22.25	40.00	-17.75	peak	100	47	P	
3	136.9391	8.38	13.69	22.07	43.50	-21.43	peak	100	58	P	
4	159.7844	12.65	14.35	27.00	43.50	-16.50	peak	100	201	P	
5	485.6093	8.73	19.81	28.54	46.00	-17.46	peak	100	125	P	
6 *	593.0497	10.71	22.70	33.41	46.00	-12.59	peak	100	335	P	

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



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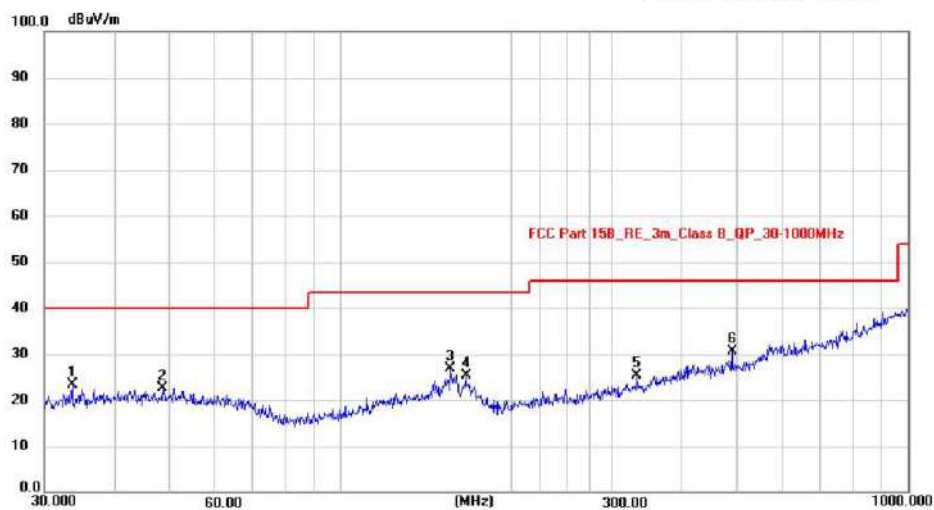
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2478MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/23 12:39:15



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	33.5624	9.82	13.60	23.42	40.00	-16.58	peak	100	159	P	
2	48.6719	8.35	14.20	22.55	40.00	-17.45	peak	100	68	P	
3	155.9101	12.67	14.26	26.93	43.50	-16.57	peak	100	45	P	
4	166.0680	11.71	13.76	25.47	43.50	-18.03	peak	100	201	P	
5	332.5187	9.66	15.82	25.48	46.00	-20.52	peak	100	305	P	
6 *	489.0269	10.84	19.89	30.73	46.00	-15.27	peak	100	62	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: 2024/10/23 12:42:44



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	41.2765	8.15	14.52	22.67	40.00	-17.33	peak	200	215	P	
2	52.9453	9.38	13.84	23.22	40.00	-16.78	peak	200	58	P	
3 *	159.2251	18.41	14.33	32.74	43.50	-10.76	peak	200	69	P	
4	164.3301	17.18	13.93	31.11	43.50	-12.39	peak	200	320	P	
5	422.0577	10.74	18.26	29.00	46.00	-17.00	peak	200	157	P	
6	586.8437	10.87	22.53	33.40	46.00	-12.60	peak	200	42	P	

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

1GHz - 18GHz



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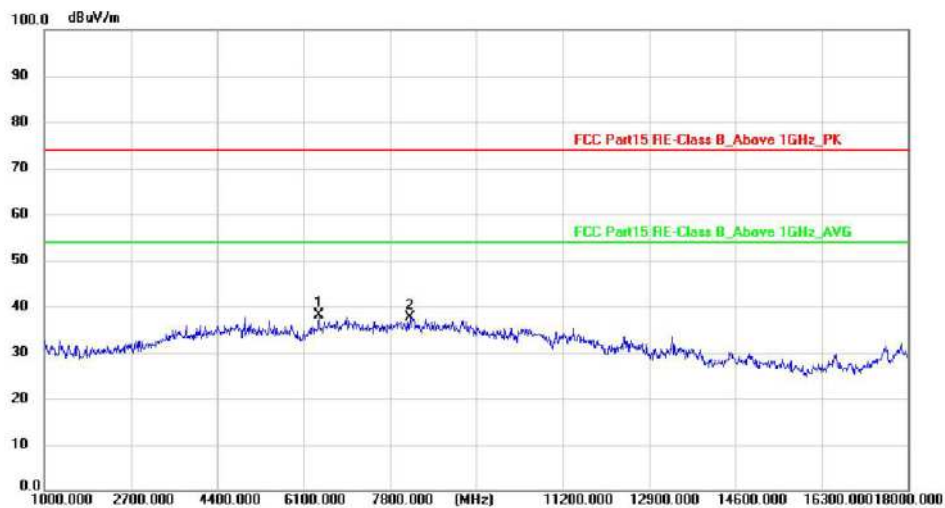
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2402MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/24 11:32:27



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 *	6406.000	47.78	-9.73	38.05	74.00	-35.95	peak	150	126	P	
2	8193.125	44.52	-6.99	37.53	74.00	-36.47	peak	150	254	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: 2024/10/24 11:35:51



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 *	6406.000	50.37	-9.73	40.64	74.00	-33.36	peak	150	21	P	
2	7938.125	45.28	-7.22	38.06	74.00	-35.94	peak	150	154	P	

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

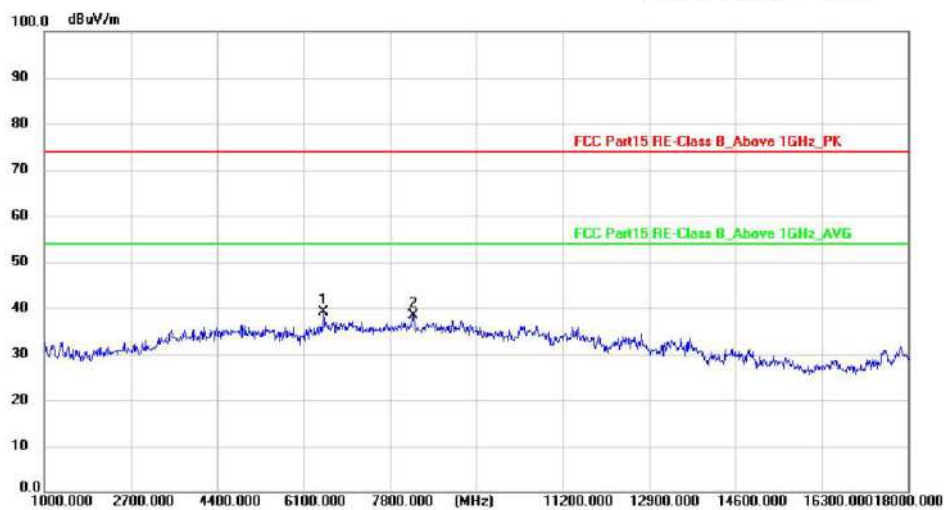


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: 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: 2024/10/24 11:37:14



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 *	6505.875	48.60	-9.45	39.15	74.00	-34.85	peak	150	102	P	
2	8263.250	45.17	-6.90	38.27	74.00	-35.73	peak	150	254	P	

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

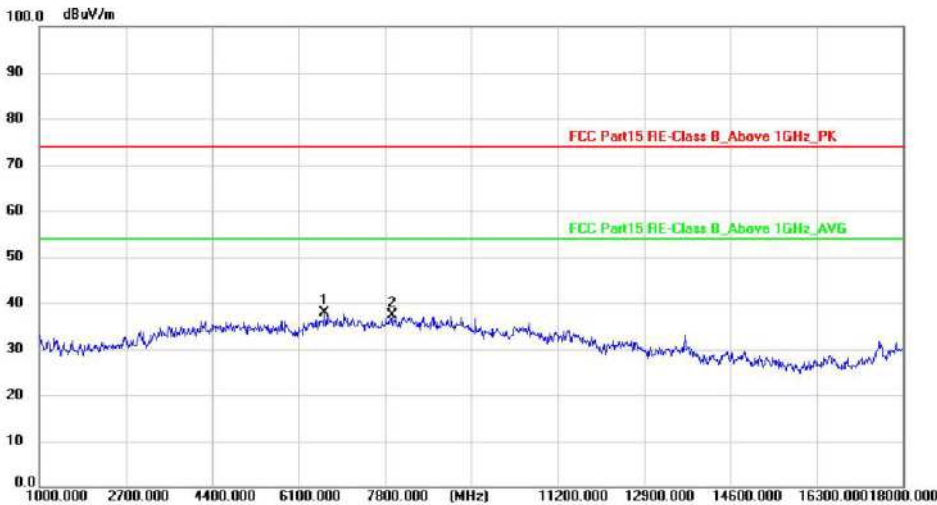


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

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 2440MHz		
Test Voltage: DC 3.7V		
Note:		

Radiated Emission Measurement

Test Date: 2024/10/24 11:42:43



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 *	6620.625	46.91	-9.11	37.80	74.00	-36.20	peak	150	154	P	
2	7948.750	44.56	-7.20	37.36	74.00	-36.64	peak	150	123	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: 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: 2024/10/24 11:47:39



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	5207.500	49.49	-12.21	37.28	74.00	-36.72	peak	150	12	P	
2 *	8851.875	44.44	-6.35	38.09	74.00	-35.91	peak	150	45	P	

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

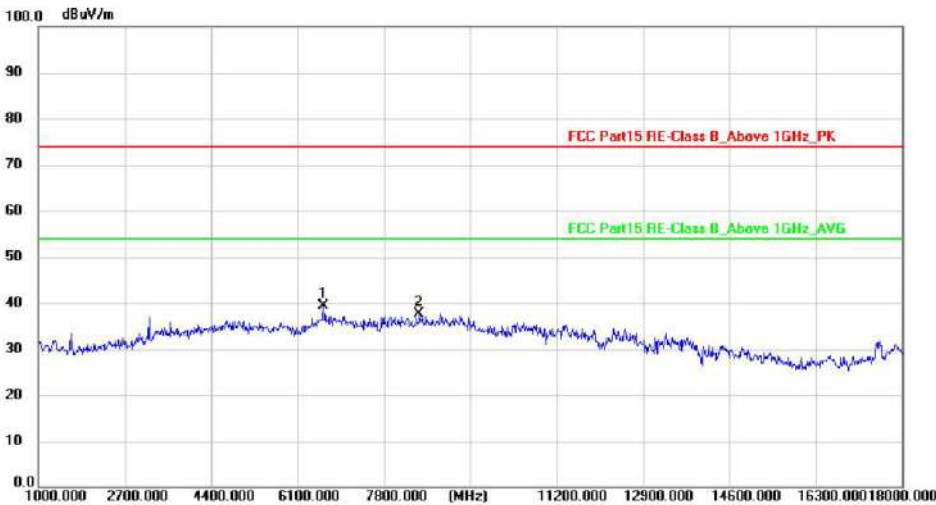


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 Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **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: 2024/10/24 11:51:10



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 *	6614.250	48.49	-9.13	39.36	74.00	-34.64	peak	150	124	P	
2	8509.750	44.37	-6.67	37.70	74.00	-36.30	peak	150	257	P	

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



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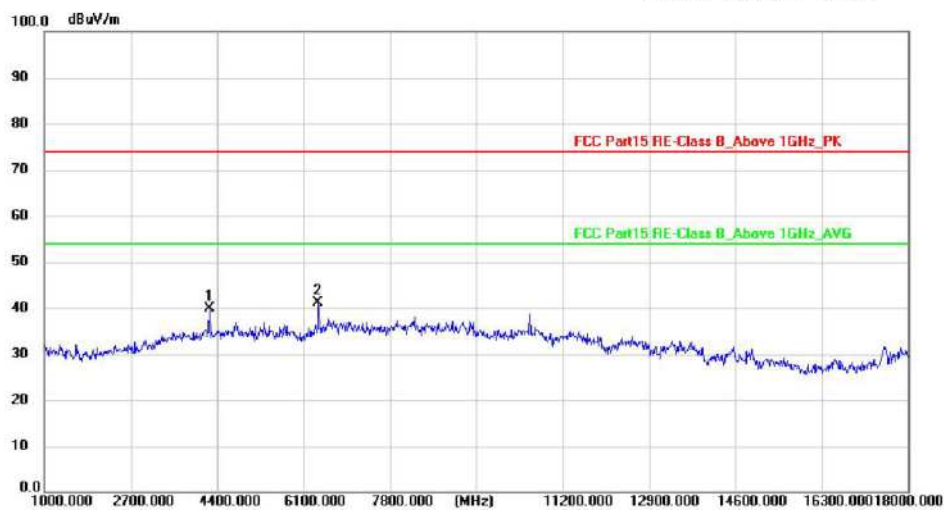
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2404MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/24 11:56:07



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	4253.375	55.40	-15.45	39.95	74.00	-34.05	peak	150	158	P	
2 *	6389.000	50.83	-9.76	41.07	74.00	-32.93	peak	150	98	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: 2024/10/24 11:59:36



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	46.96	-9.15	37.81	74.00	-36.19	peak	150	125	P	
2 *	8520.375	44.86	-6.67	38.19	74.00	-35.81	peak	150	254	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: 2024/10/24 12:04:12



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	7041.375	45.46	-8.01	37.45	74.00	-36.55	peak	150	154	P	
2 *	8191.000	44.48	-6.99	37.49	74.00	-36.51	peak	150	268	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: 2024/10/24 12:08:37



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 *	6505.875	48.96	-9.45	39.51	74.00	-34.49	peak	150	257	P	
2	7997.625	45.15	-7.16	37.99	74.00	-36.01	peak	150	124	P	

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



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1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
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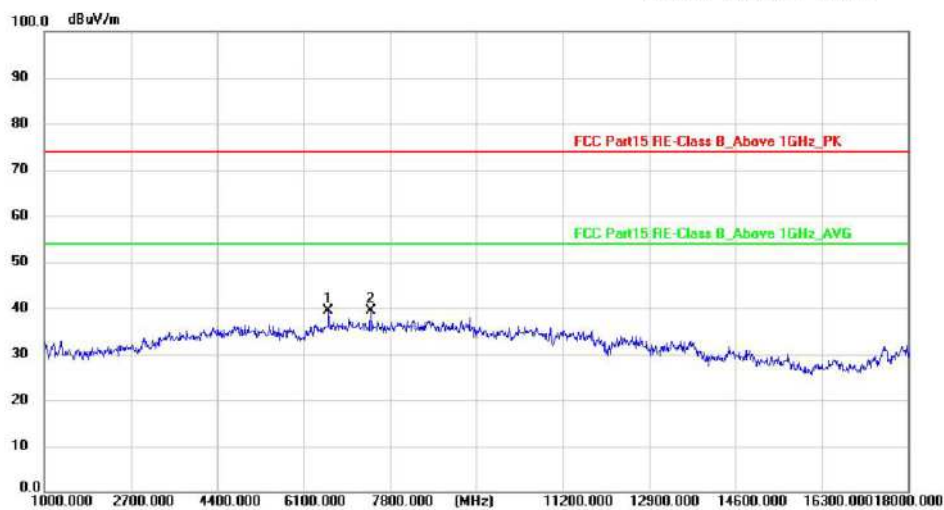
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2478MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

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



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 *	6607.875	48.56	-9.15	39.41	74.00	-34.59	peak	150	78	P	
2	7438.750	46.99	-7.66	39.33	74.00	-34.67	peak	150	106	P	

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



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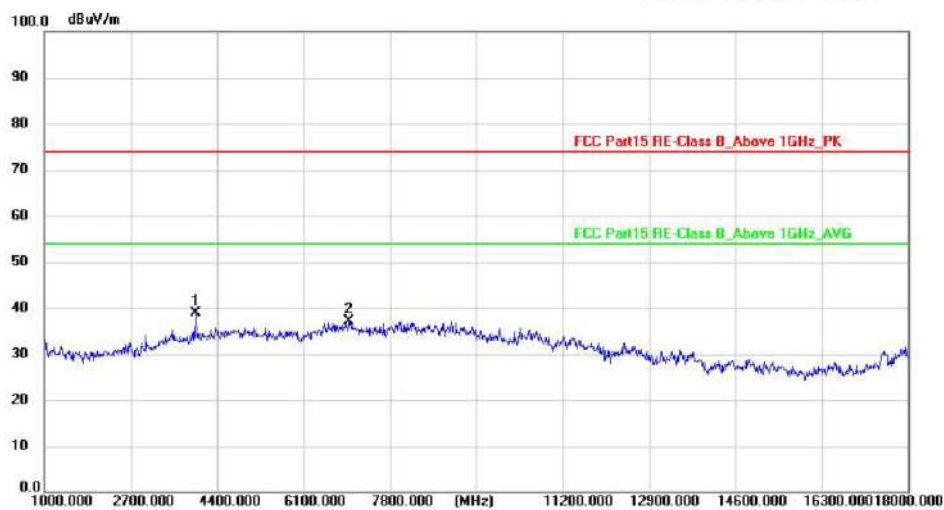
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2478MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/24 12:16:32



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	55.13	-16.15	38.98	74.00	-35.02	peak	150	154	P	
2	7003.125	45.28	-8.04	37.24	74.00	-36.76	peak	150	208	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

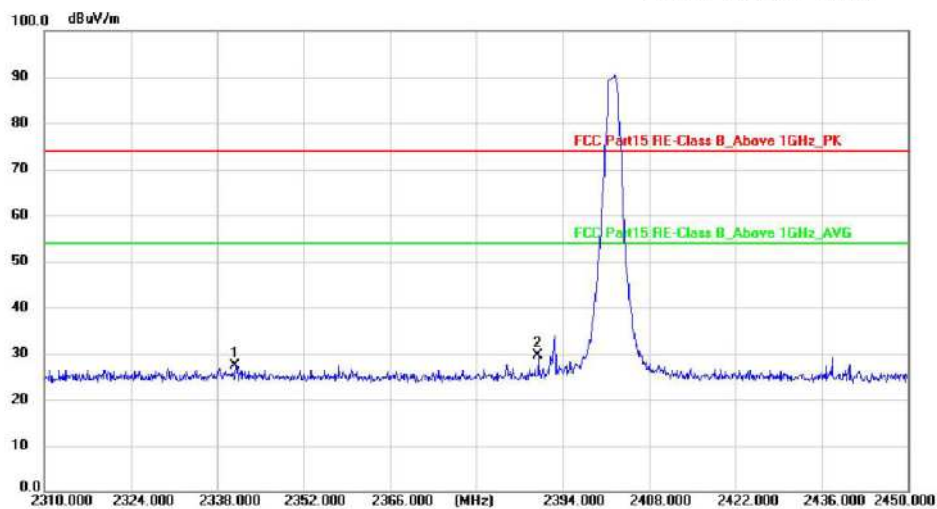


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

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 2402MHz
Test Voltage: DC 3.7V
Note:

Radiated Emission Measurement

Test Date: 2024/10/25 18:50:48



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	2341.202	53.71	-26.26	27.45	74.00	-46.55	peak	150	102	P	
2 *	2390.000	55.64	-26.12	29.52	74.00	-44.48	peak	150	324	P	

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

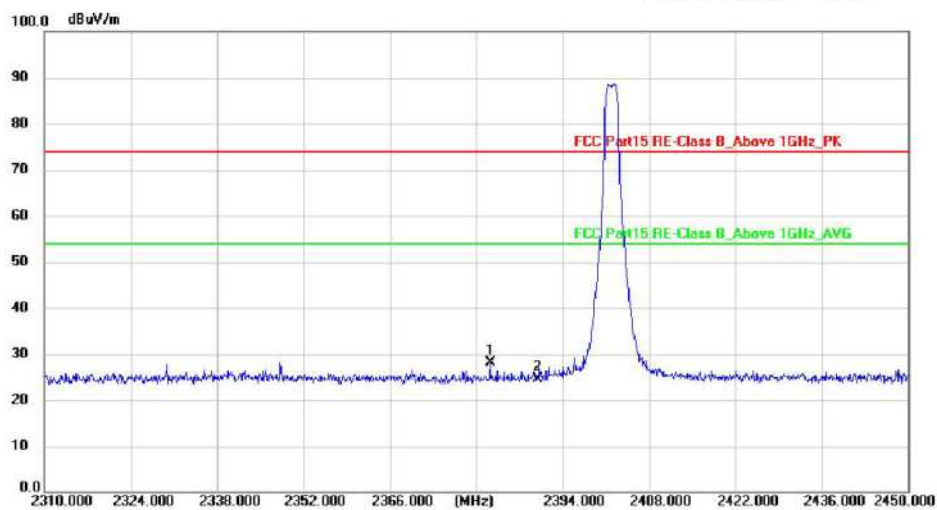


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

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: 2024/10/25 18:55:50



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 *	2382.310	54.29	-26.13	28.16	74.00	-45.84	peak	150	214	P	
2	2390.000	50.77	-26.12	24.65	74.00	-49.35	peak	150	125	P	

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



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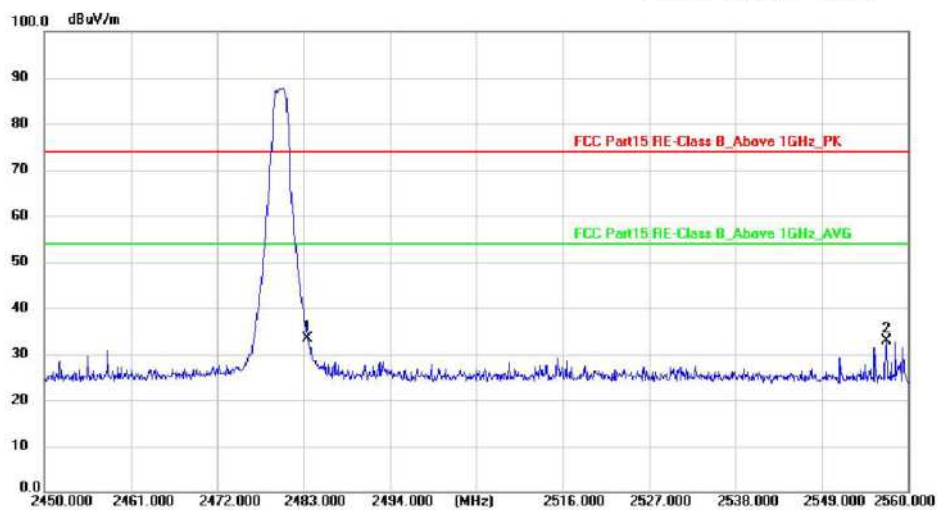
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 1M 2480MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/25 18:59:04



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 *	2483.500	59.28	-25.84	33.44	74.00	-40.56	peak	150	119	P	
2	2557.278	58.40	-25.60	32.80	74.00	-41.20	peak	150	217	P	

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

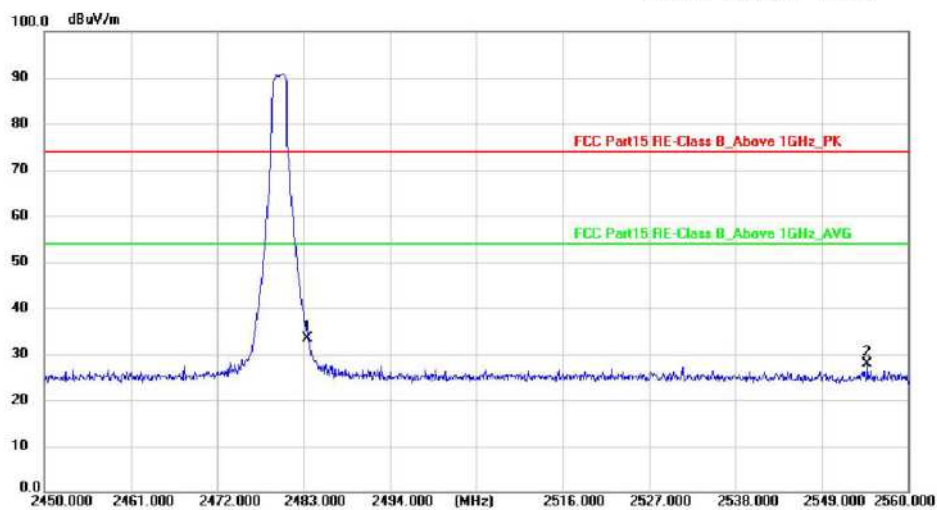


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

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: 2024/10/25 19:04:43



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	59.13	-25.84	33.29	74.00	-40.71	peak	150	84	P	
2	2554.871	53.54	-25.62	27.92	74.00	-46.08	peak	150	126	P	

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



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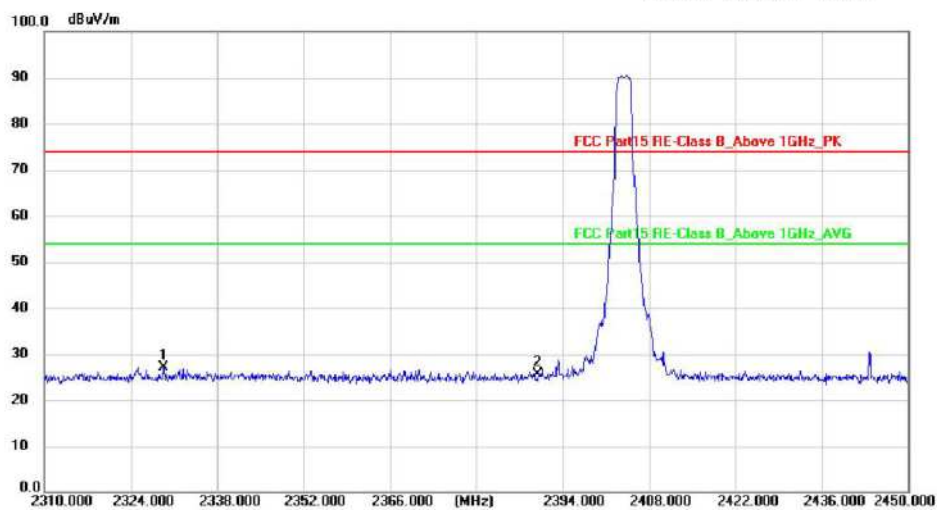
Test Site: PSI EMC Lab-3m Chamber
EUT: ITE Hearing Aids
M/N: Sara 1
Test Mode: 2M 2404MHz
Test Voltage: DC 3.7V
Note:

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

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/10/25 19:12:10



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 *	2329.338	53.41	-26.31	27.10	74.00	-46.90	peak	150	328	P	
2	2390.000	51.72	-26.12	25.60	74.00	-48.40	peak	150	251	P	

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

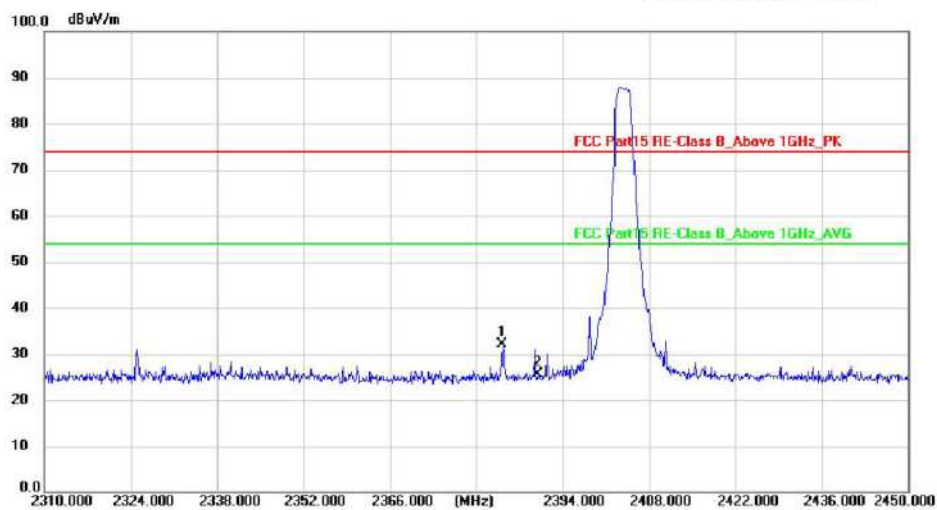


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: ITE Hearing Aids	Distance: 3m	Humidity: 54 %RH
M/N: Sara 1	Test Engineer: Felix Pang	
Test Mode: 2M 2404MHz		
Test Voltage: DC 3.7V		
Note:		

Radiated Emission Measurement

Test Date: 2024/10/25 19:18:02



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 *	2384.427	58.19	-26.14	32.05	74.00	-41.95	peak	150	125	P	
2	2390.000	51.75	-26.12	25.63	74.00	-48.37	peak	150	189	P	

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

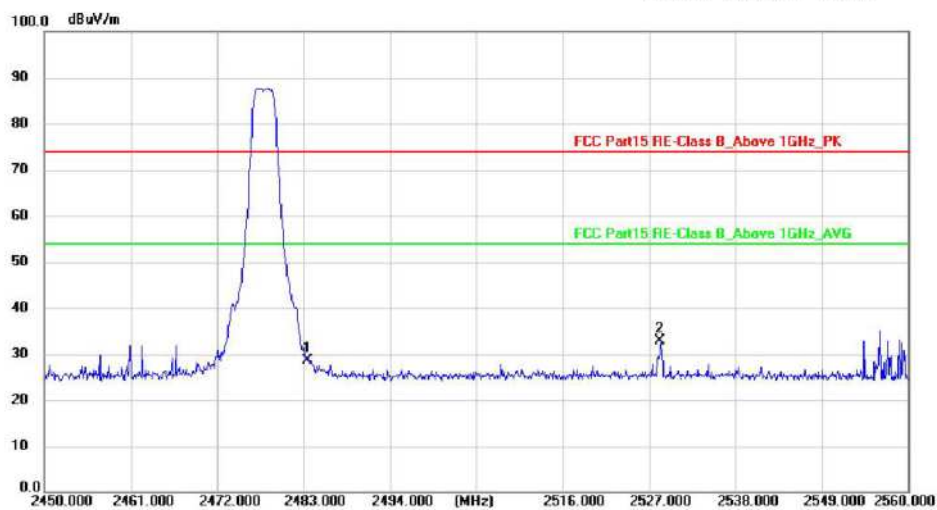


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: ITE Hearing Aids	Distance: 3m	Humidity: 54 %RH
M/N: Sara 1	Test Engineer: Felix Pang	
Test Mode: 2M 2478MHz		
Test Voltage: DC 3.7V		
Note:		

Radiated Emission Measurement

Test Date: 2024/10/25 19:22:36



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	54.50	-25.84	28.66	74.00	-45.34	peak	150	208	P	
2 *	2528.636	58.55	-25.70	32.85	74.00	-41.15	peak	150	157	P	

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

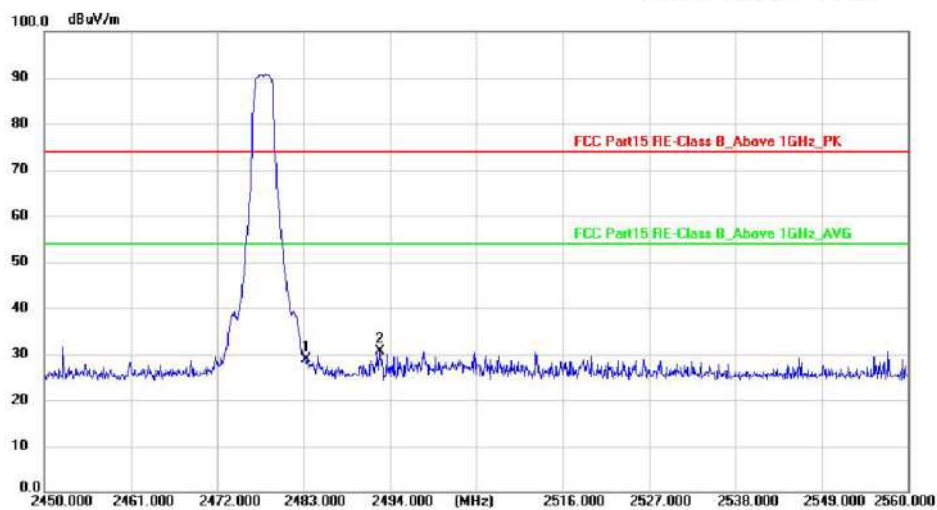


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Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: ITE Hearing Aids Distance: 3m Humidity: 54 %RH
M/N: Sara 1 Test Engineer: Felix Pang
Test Mode: 2M 2478MHz
Test Voltage: DC 3.7V
Note:

Radiated Emission Measurement

Test Date: 2024/10/25 19:26:25



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	2483.500	54.77	-25.84	28.93	74.00	-45.07	peak	150	136	P	
2 *	2492.845	56.43	-25.80	30.63	74.00	-43.37	peak	150	217	P	

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