

Appendix A: Test Results of Bluetooth BR & EDR mode

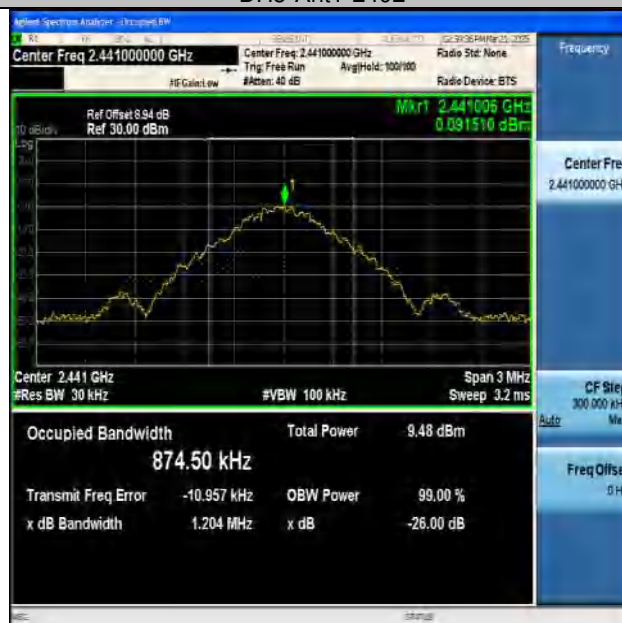
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Appendix A.1: Test Results of 99% Bandwidth

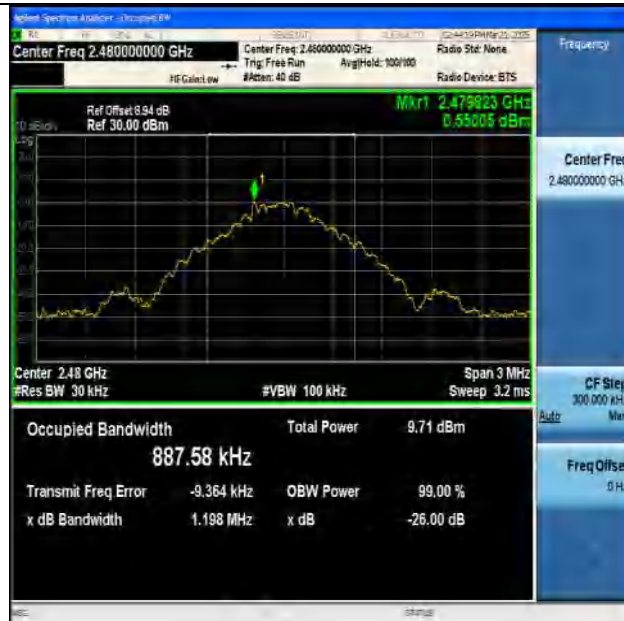
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88738	2401.5487	2402.4361	NA	PASS
DH5	Ant1	2441	0.87450	2440.5518	2441.4263	NA	PASS
DH5	Ant1	2480	0.88758	2479.5469	2480.4344	NA	PASS
2DH5	Ant1	2402	1.1949	2401.3918	2402.5867	NA	PASS
2DH5	Ant1	2441	1.1870	2440.3953	2441.5823	NA	PASS
2DH5	Ant1	2480	1.1893	2479.3932	2480.5825	NA	PASS
3DH5	Ant1	2402	1.2062	2401.3809	2402.5871	NA	PASS
3DH5	Ant1	2441	1.1873	2440.3958	2441.5831	NA	PASS
3DH5	Ant1	2480	1.1865	2479.3967	2480.5832	NA	PASS



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



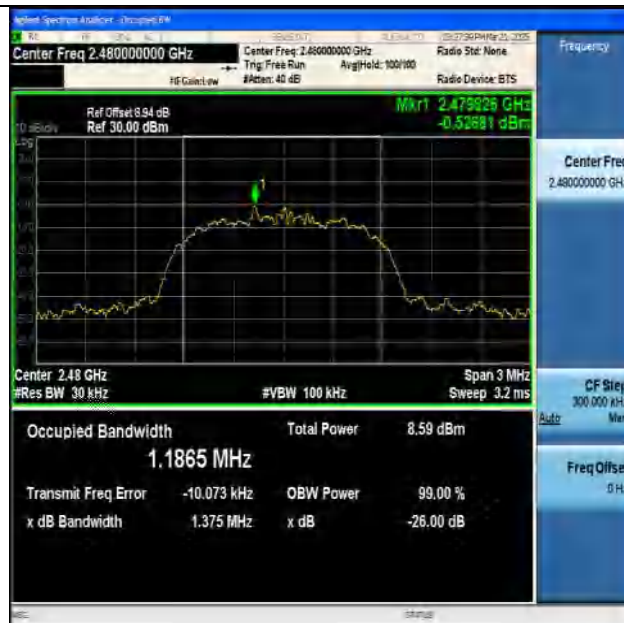
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

Appendix A.2: Test Results of 20dB Bandwidth

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.029	2401.457	2402.486	---	---
DH5	Ant1	2441	0.966	2440.520	2441.486	---	---
DH5	Ant1	2480	0.960	2479.523	2480.483	---	---
2DH5	Ant1	2402	1.314	2401.328	2402.642	---	---
2DH5	Ant1	2441	1.281	2440.358	2441.639	---	---
2DH5	Ant1	2480	1.287	2479.355	2480.642	---	---
3DH5	Ant1	2402	1.311	2401.337	2402.648	---	---
3DH5	Ant1	2441	1.299	2440.340	2441.639	---	---
3DH5	Ant1	2480	1.296	2479.337	2480.633	---	---



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

Appendix A.3: Test Results of Carrier Frequency Separation

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.326	≥ 1.029	PASS
2DH5	Ant1	Hop	1.018	≥ 0.876	PASS
3DH5	Ant1	Hop	1	≥ 0.874	PASS



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

Appendix A.4: Test Results of Number of Hopping Frequency

TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



DH5-Ant1-Hop-PASS



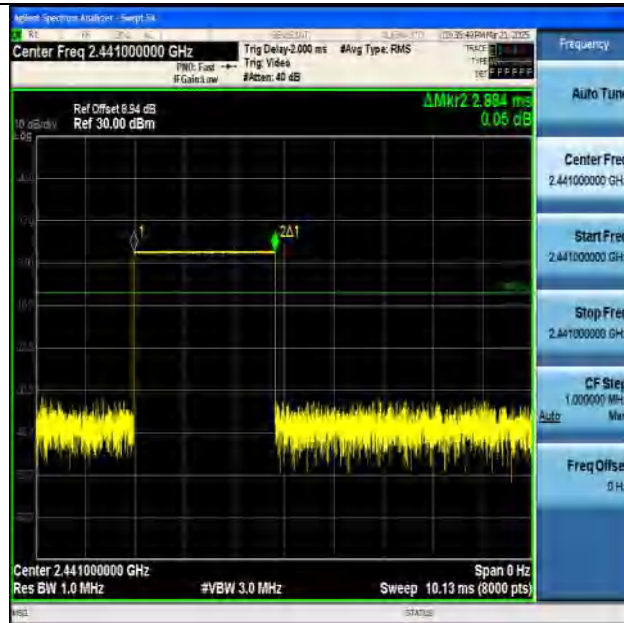
2DH5-Ant1-Hop-PASS



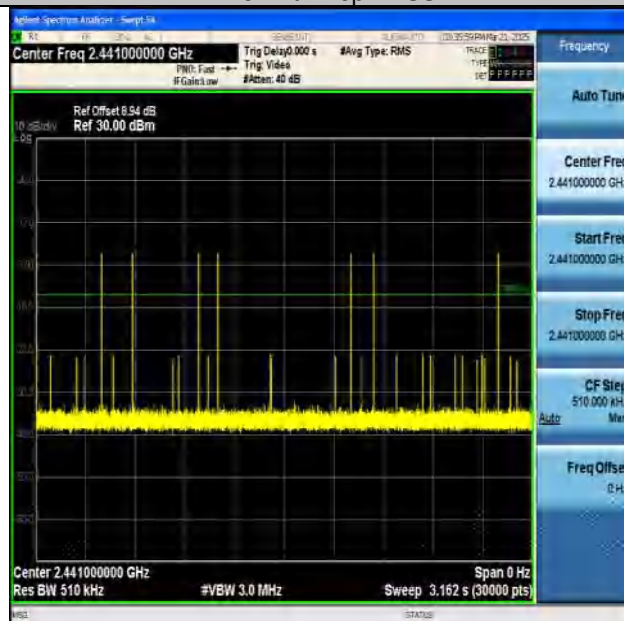
3DH5-Ant1-Hop-PASS

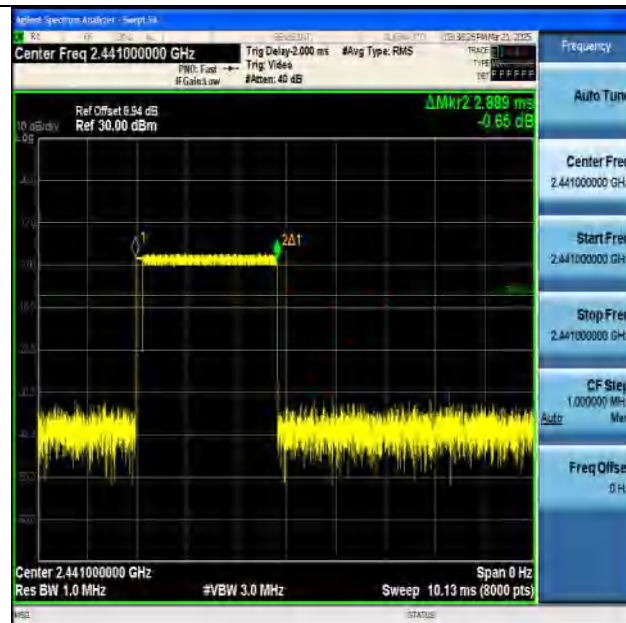
Appendix A.5: Test Results of Time of Occupancy

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.884	80	0.231	≤0.4	PASS
2DH5	Ant1	Hop	2.889	60	0.173	≤0.4	PASS
3DH5	Ant1	Hop	2.892	80	0.231	≤0.4	PASS

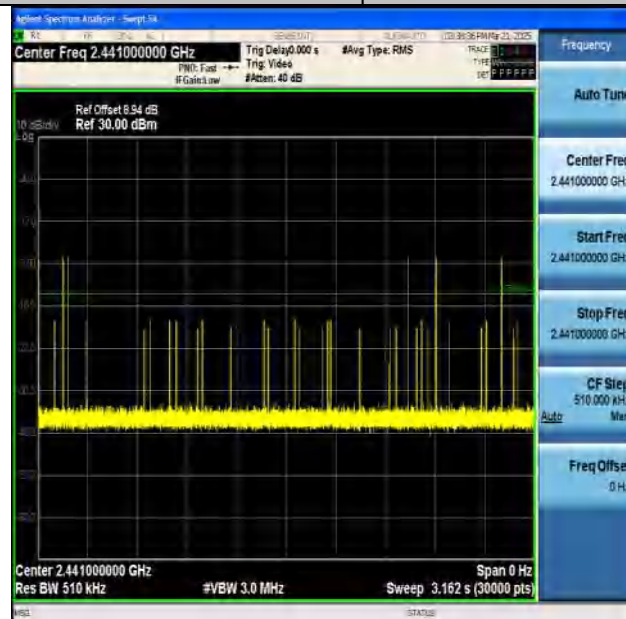


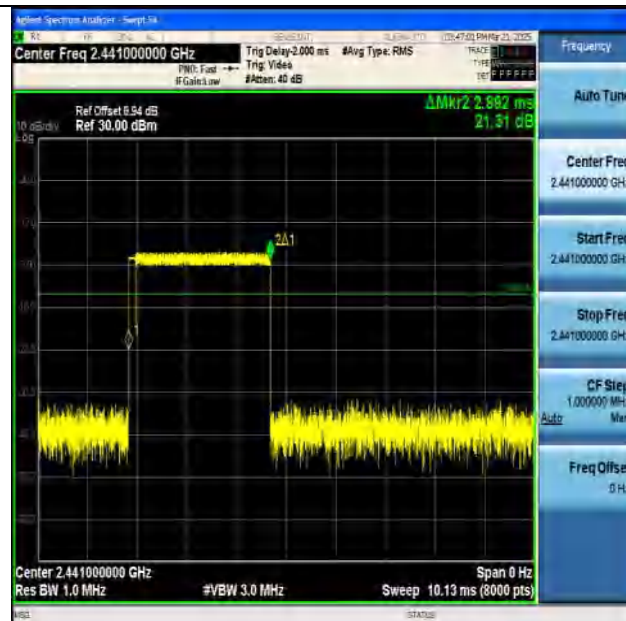
DH5-Ant1-Hop-PASS



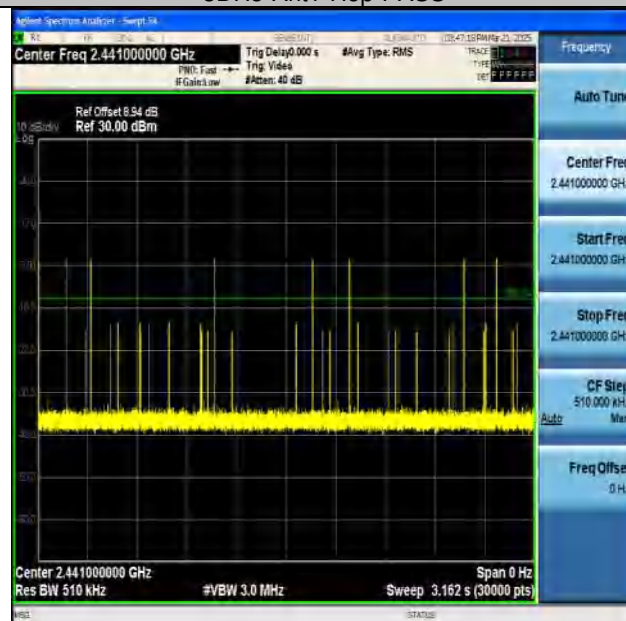


2DH5-Ant1-Hop-PASS





3DH5-Ant1-Hop-PASS



Appendix A.6: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

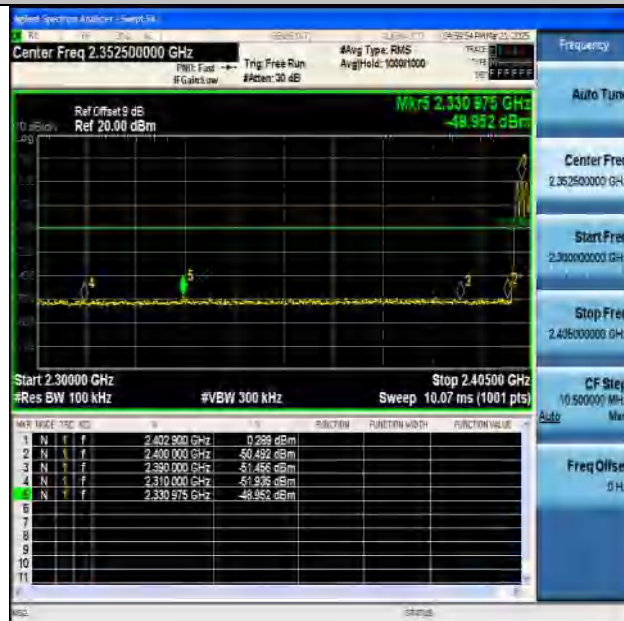
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.00	-48.85	≤-18	PASS
DH5	Ant1	High	2480	2.83	-49.95	≤-17.17	PASS
DH5	Ant1	Low	Hop_2402	0.29	-48.95	≤-19.71	PASS
DH5	Ant1	High	Hop_2480	2.62	-48.48	≤-17.39	PASS
2DH5	Ant1	Low	2402	-1.23	-49.82	≤-21.23	PASS
2DH5	Ant1	High	2480	1.76	-48.73	≤-18.24	PASS
2DH5	Ant1	Low	Hop_2402	0.75	-49.08	≤-19.26	PASS
2DH5	Ant1	High	Hop_2480	1.74	-47.88	≤-18.26	PASS
3DH5	Ant1	Low	2402	0.46	-49.98	≤-19.54	PASS
3DH5	Ant1	High	2480	1.90	-49.77	≤-18.1	PASS
3DH5	Ant1	Low	Hop_2402	-1.93	-48.89	≤-21.93	PASS
3DH5	Ant1	High	Hop_2480	1.74	-48.52	≤-18.26	PASS



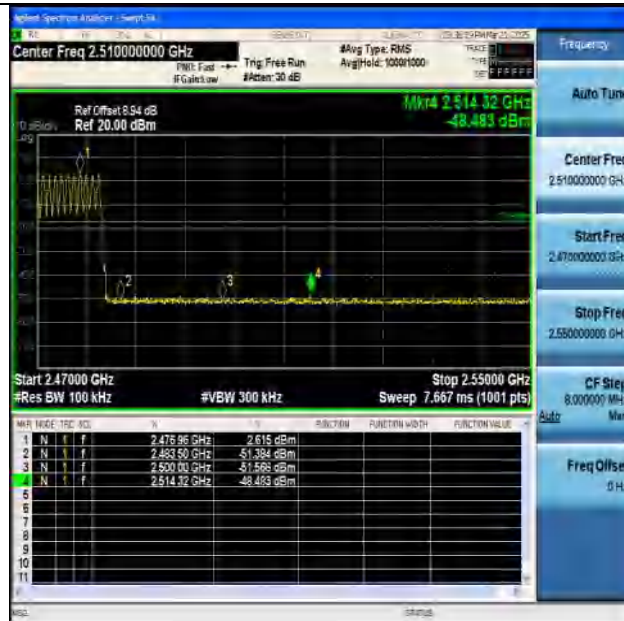
DH5-Ant1-2402-PASS



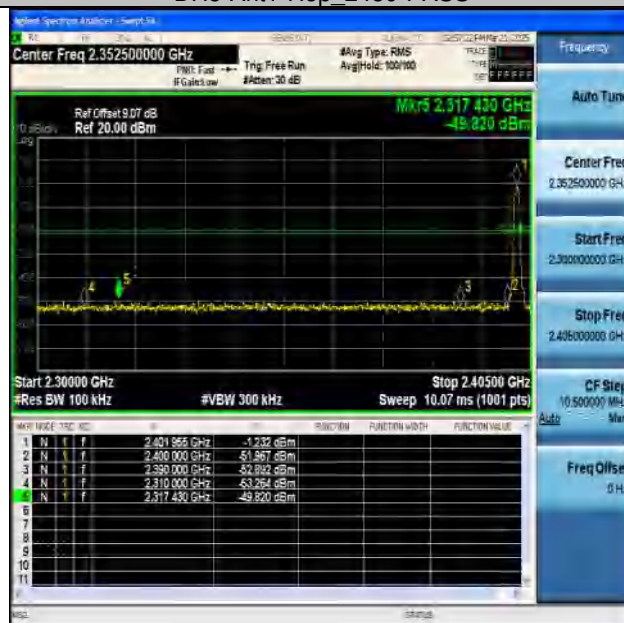
DH5-Ant1-2480-PASS



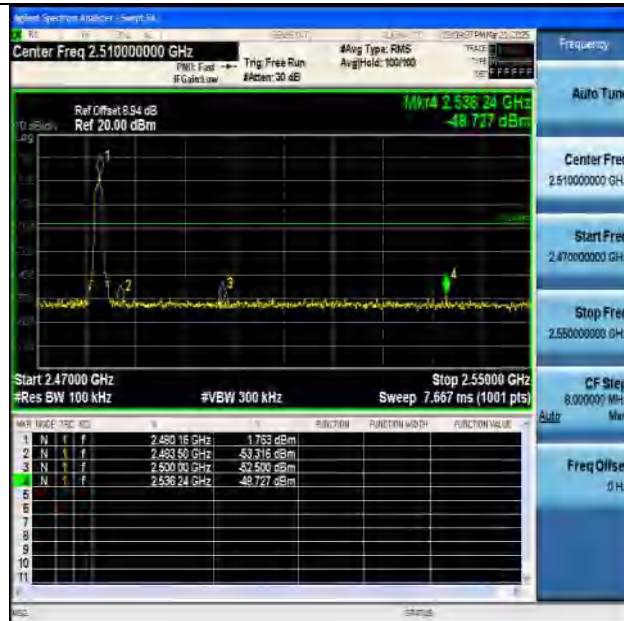
DH5-Ant1-Hop_2402-PASS



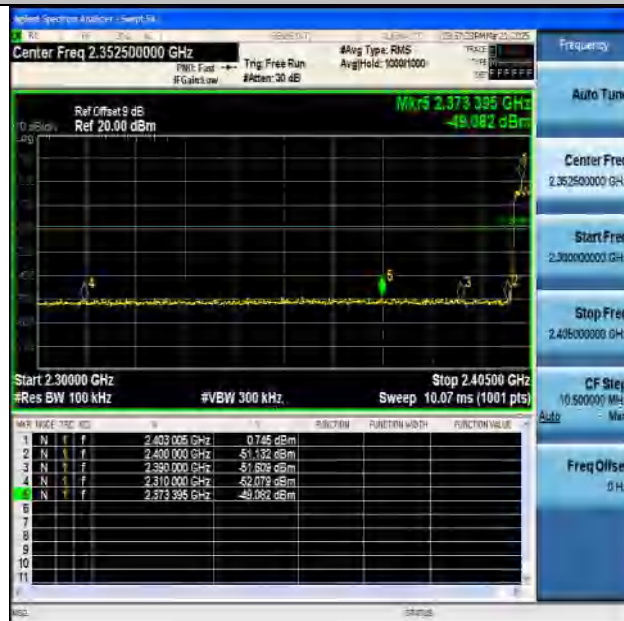
DH5-Ant1-Hop_2480-PASS



2DH5-Ant1-2402-PASS



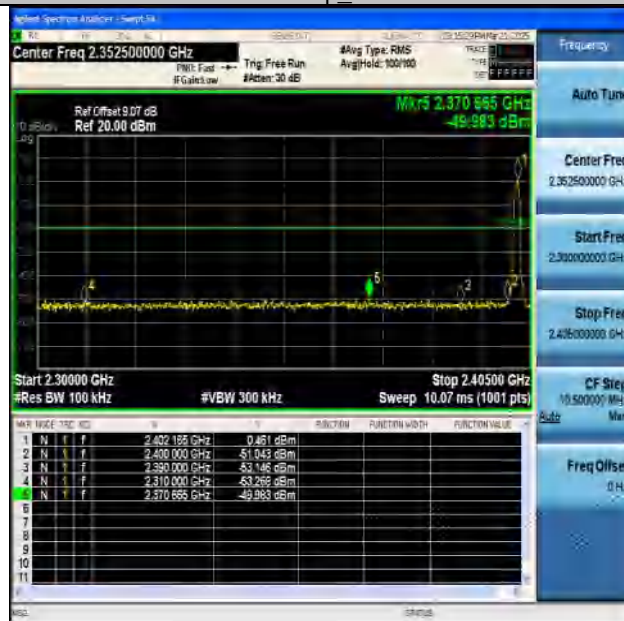
2DH5-Ant1-2480-PASS



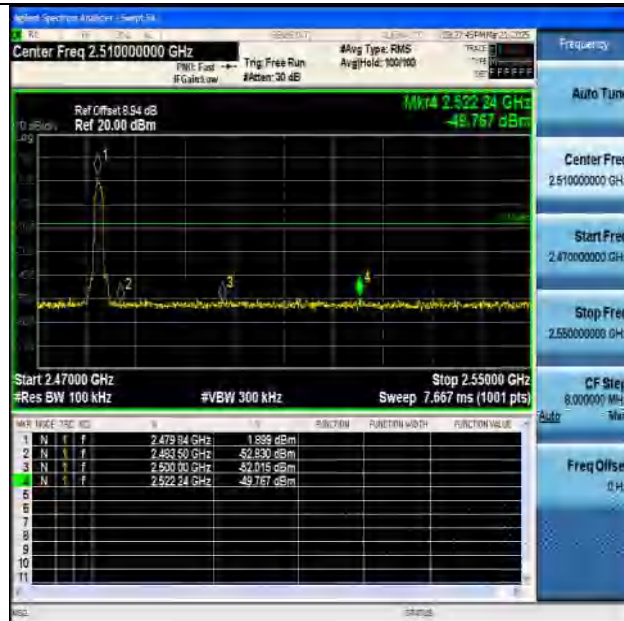
2DH5-Ant1-Hop_2402-PASS



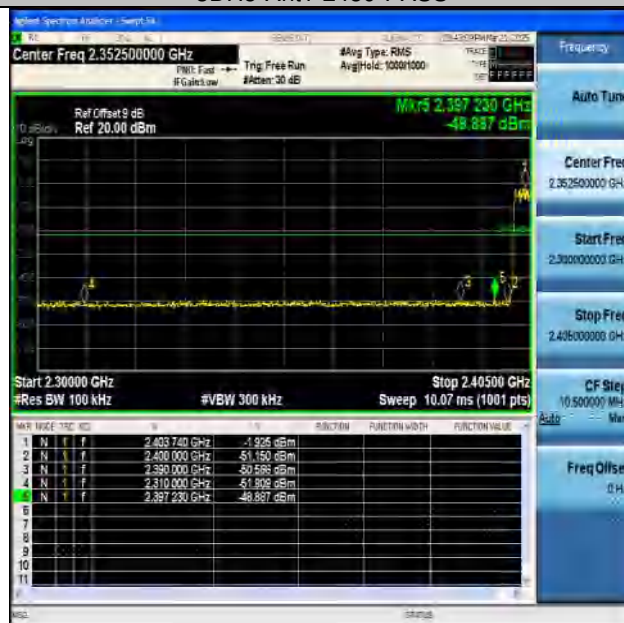
2DH5-Ant1-Hop 2480-PASS



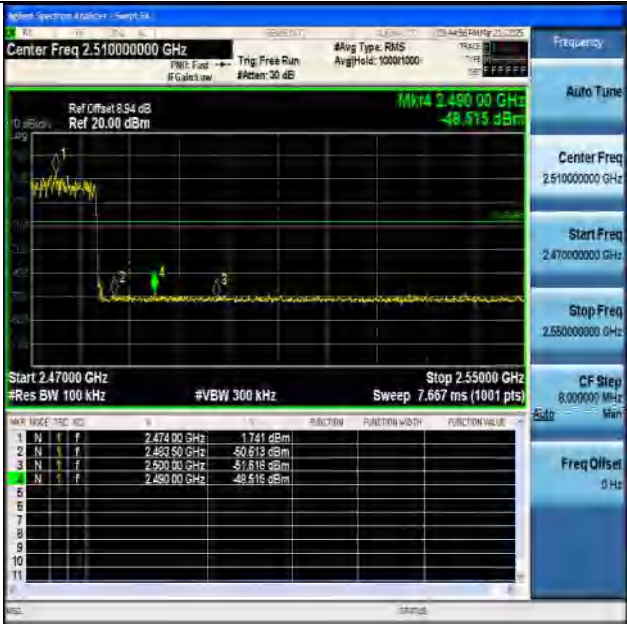
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop 2480-PASS

Conducted Spurious Emission

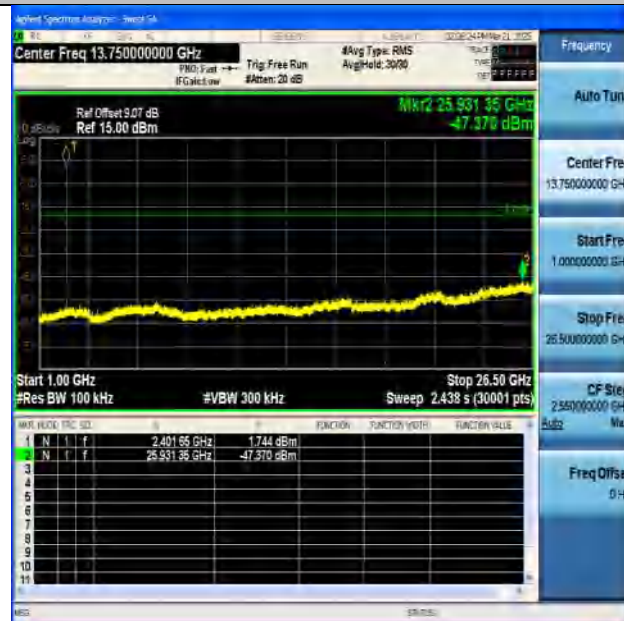
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.10	1.10	---	PASS
DH5	Ant1	2402	30~1000	1.10	-59.59	≤-18.9	PASS
DH5	Ant1	2402	1000~26500	1.10	-47.37	≤-18.9	PASS
DH5	Ant1	2441	0~Reference	1.97	1.97	---	PASS
DH5	Ant1	2441	30~1000	1.97	-60.25	≤-18.03	PASS
DH5	Ant1	2441	1000~26500	1.97	-46.91	≤-18.03	PASS
DH5	Ant1	2480	0~Reference	2.64	2.64	---	PASS
DH5	Ant1	2480	30~1000	2.64	-59.25	≤-17.36	PASS
DH5	Ant1	2480	1000~26500	2.64	-47.78	≤-17.36	PASS
2DH5	Ant1	2402	0~Reference	-3.20	-3.20	---	PASS
2DH5	Ant1	2402	30~1000	-3.20	-56.29	≤-23.2	PASS
2DH5	Ant1	2402	1000~26500	-3.20	-47.08	≤-23.2	PASS
2DH5	Ant1	2441	0~Reference	-1.54	-1.54	---	PASS
2DH5	Ant1	2441	30~1000	-1.54	-52.63	≤-21.54	PASS
2DH5	Ant1	2441	1000~26500	-1.54	-47.37	≤-21.54	PASS
2DH5	Ant1	2480	0~Reference	-1.62	-1.62	---	PASS
2DH5	Ant1	2480	30~1000	-1.62	-56.42	≤-21.62	PASS
2DH5	Ant1	2480	1000~26500	-1.62	-47.24	≤-21.62	PASS
3DH5	Ant1	2402	0~Reference	-2.32	-2.32	---	PASS
3DH5	Ant1	2402	30~1000	-2.32	-59.87	≤-22.32	PASS
3DH5	Ant1	2402	1000~26500	-2.32	-46.67	≤-22.32	PASS
3DH5	Ant1	2441	0~Reference	0.23	0.23	---	PASS
3DH5	Ant1	2441	30~1000	0.23	-60.14	≤-19.77	PASS
3DH5	Ant1	2441	1000~26500	0.23	-47.02	≤-19.77	PASS
3DH5	Ant1	2480	0~Reference	-1.05	-1.05	---	PASS
3DH5	Ant1	2480	30~1000	-1.05	-57.11	≤-21.05	PASS
3DH5	Ant1	2480	1000~26500	-1.05	-46.87	≤-21.05	PASS



DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS



DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS



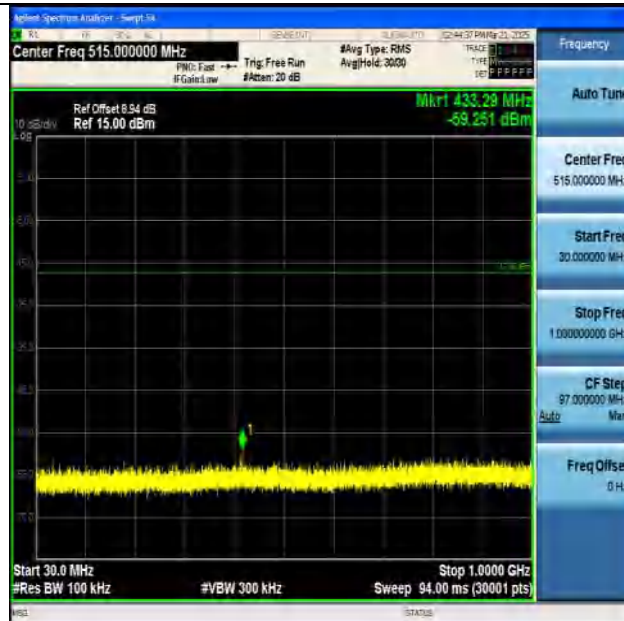
DH5-Ant1-2441-30~1000-PASS



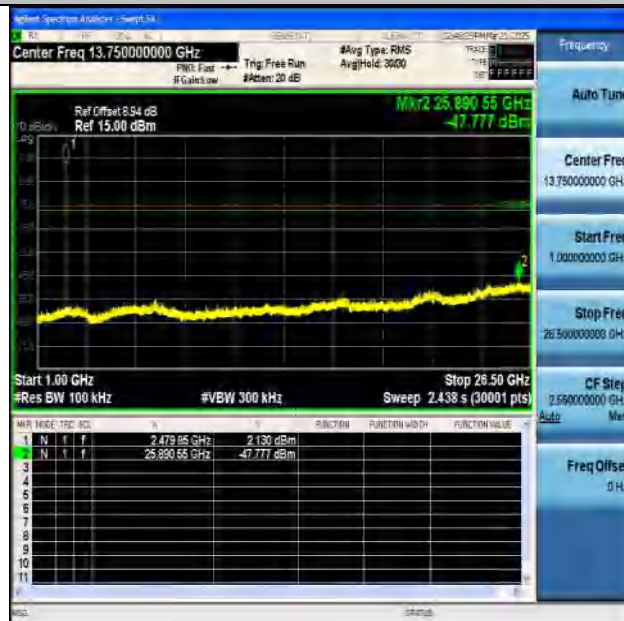
DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS



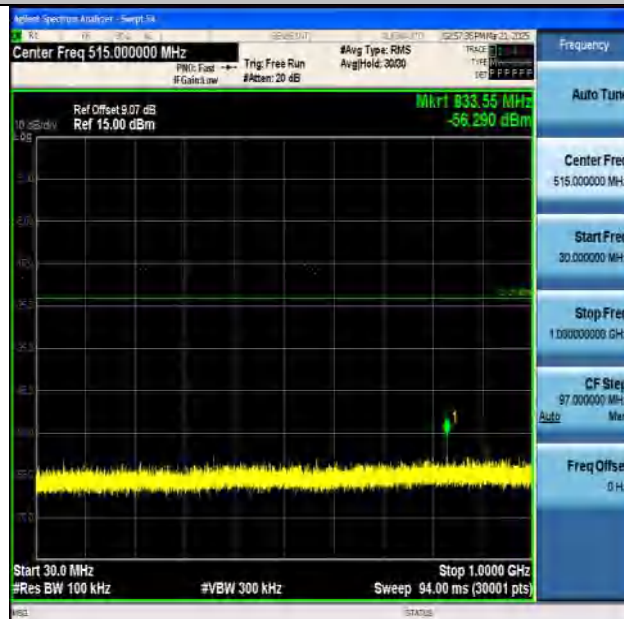
DH5-Ant1-2480-30~1000-PASS



DH5-Ant1-2480-1000~26500-PASS



2DH5-Ant1-2402-0~Reference-PASS



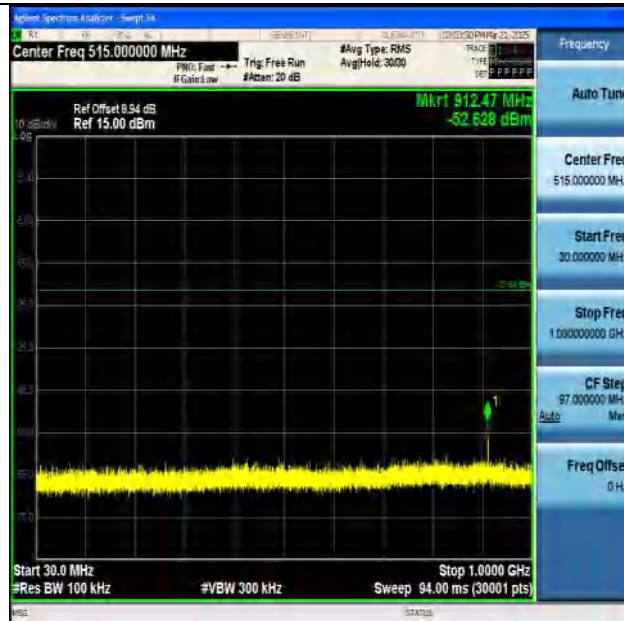
2DH5-Ant1-2402-30~1000-PASS



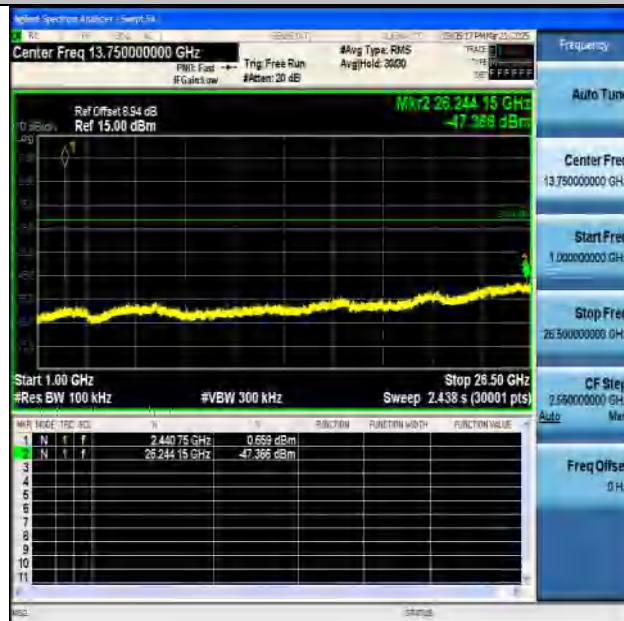
2DH5-Ant1-2402-1000~26500-PASS



2DH5-Ant1-2441-0~Reference-PASS



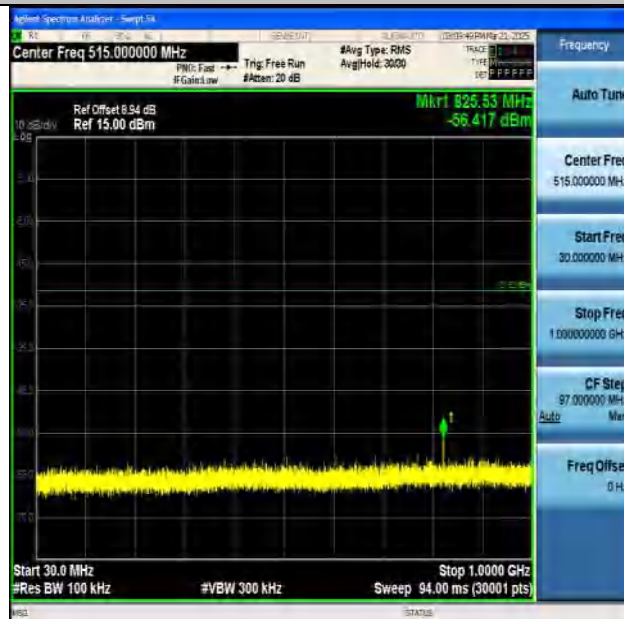
2DH5-Ant1-2441-30~1000-PASS



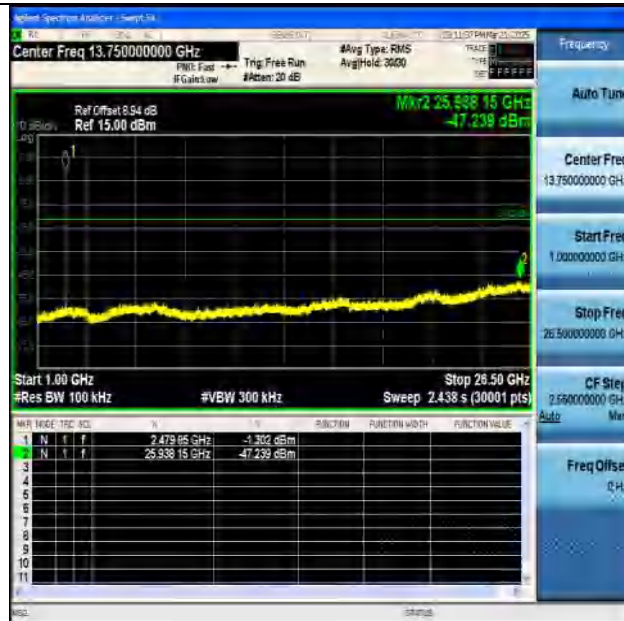
2DH5-Ant1-2441-1000~26500-PASS



2DH5-Ant1-2480-0~Reference-PASS



2DH5-Ant1-2480-30~1000-PASS



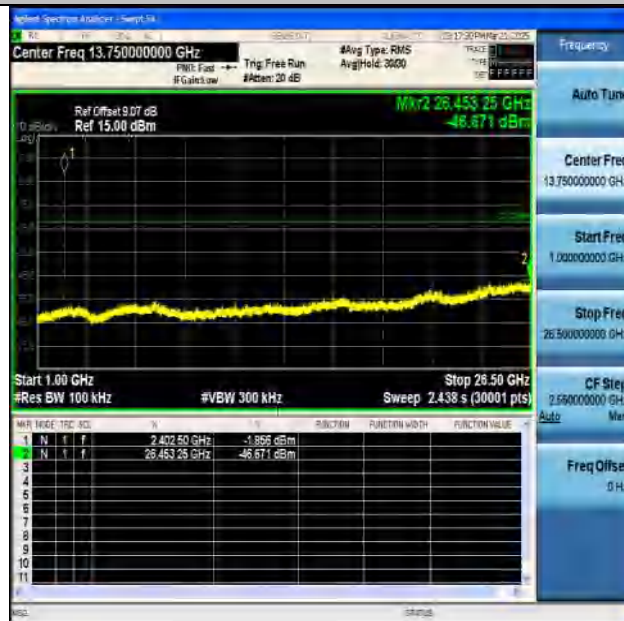
2DH5-Ant1-2480-1000~26500-PASS



3DH5-Ant1-2402-0~Reference-PASS



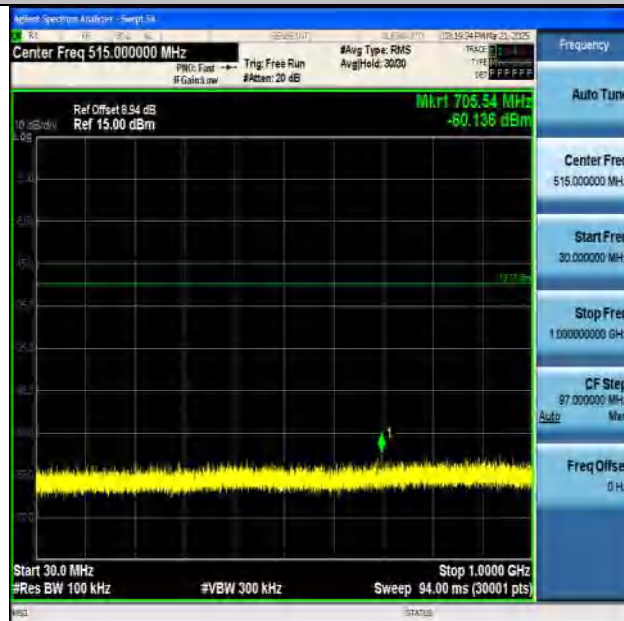
3DH5-Ant1-2402-30~1000-PASS



3DH5-Ant1-2402-1000~26500-PASS



3DH5-Ant1-2441-0~Reference-PASS



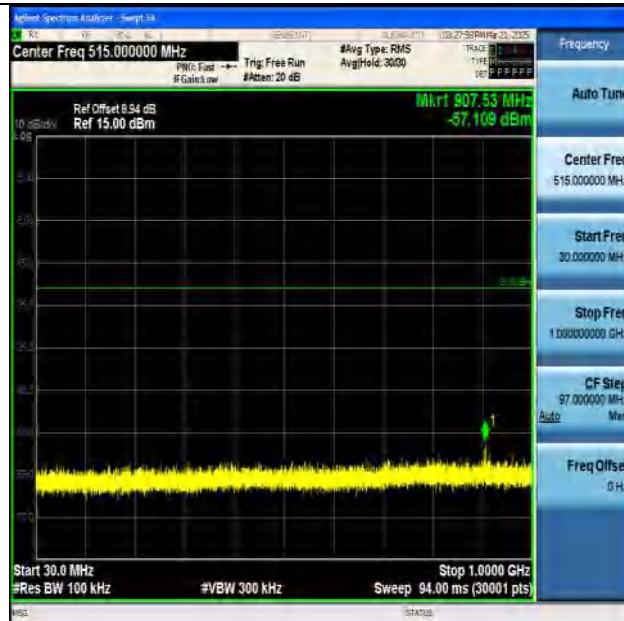
3DH5-Ant1-2441-30~1000-PASS



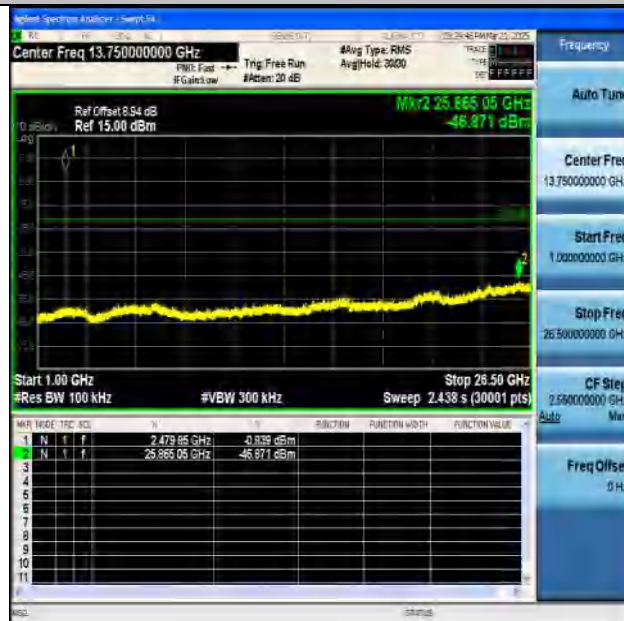
3DH5-Ant1-2441-1000~26500-PASS



3DH5-Ant1-2480-0~Reference-PASS



3DH5-Ant1-2480-30~1000-PASS



3DH5-Ant1-2480-1000~26500-PASS

Appendix A.7: 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



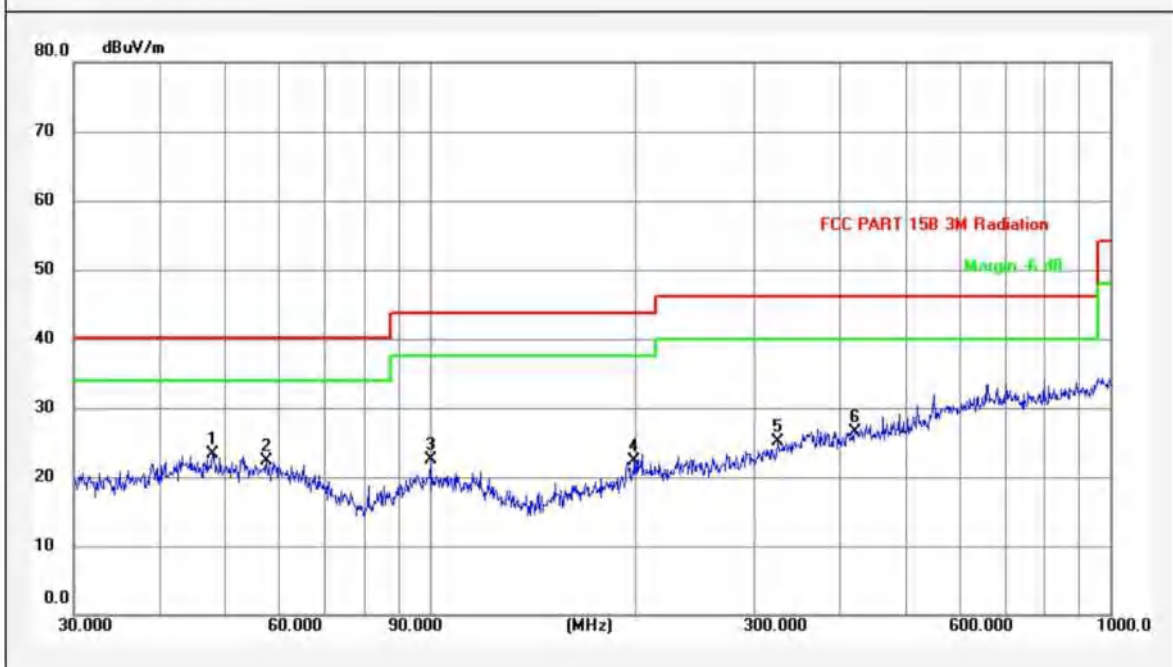
Dongguan Lepont Testing Service Co., Ltd.
Room 102, Building 11, No.7 Houjie Science And Technology
Avenue, Houjie, Dongguan, Guangdong, China
Tel.: +86 769 8308 6888 Http://www.lepont.com.cn

Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	3DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	47.9939	14.56	8.72	23.28	40.00	-16.72	QP	*	
2	57.5938	13.63	8.65	22.28	40.00	-17.72	QP		
3	100.2284	12.61	9.93	22.54	43.50	-20.96	QP		
4	199.9855	13.05	9.17	22.22	43.50	-21.28	QP		
5	324.4560	15.78	9.31	25.09	46.00	-20.91	QP		
6	422.0577	17.47	9.13	26.60	46.00	-19.40	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#18





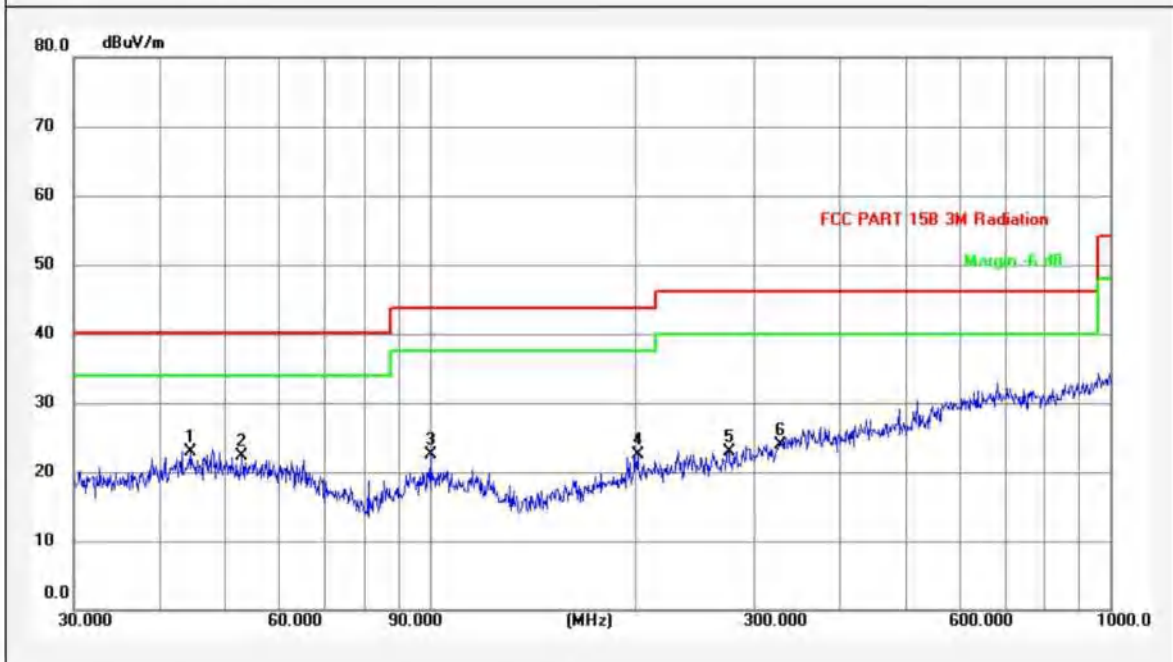
Dongguan Lepont Testing Service Co., Ltd.
Room 102, Building 11, No.7 Houjie Science And Technology
Avenue, Houjie, Dongguan, Guangdong, China
Tel.: +86 769 8308 6888 Http://www.lepont.com.cn

Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	3DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	44.5867	14.68	8.27	22.95	40.00	-17.05	QP	*	
2	52.9453	14.11	8.10	22.21	40.00	-17.79	QP		
3	100.2284	12.61	9.93	22.54	43.50	-20.96	QP		
4	202.1004	13.07	9.39	22.46	43.50	-21.04	QP		
5	275.1569	14.11	8.86	22.97	46.00	-23.03	QP		
6	327.8872	15.92	8.08	24.00	46.00	-22.00	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin
File: 30-1G\data :#17





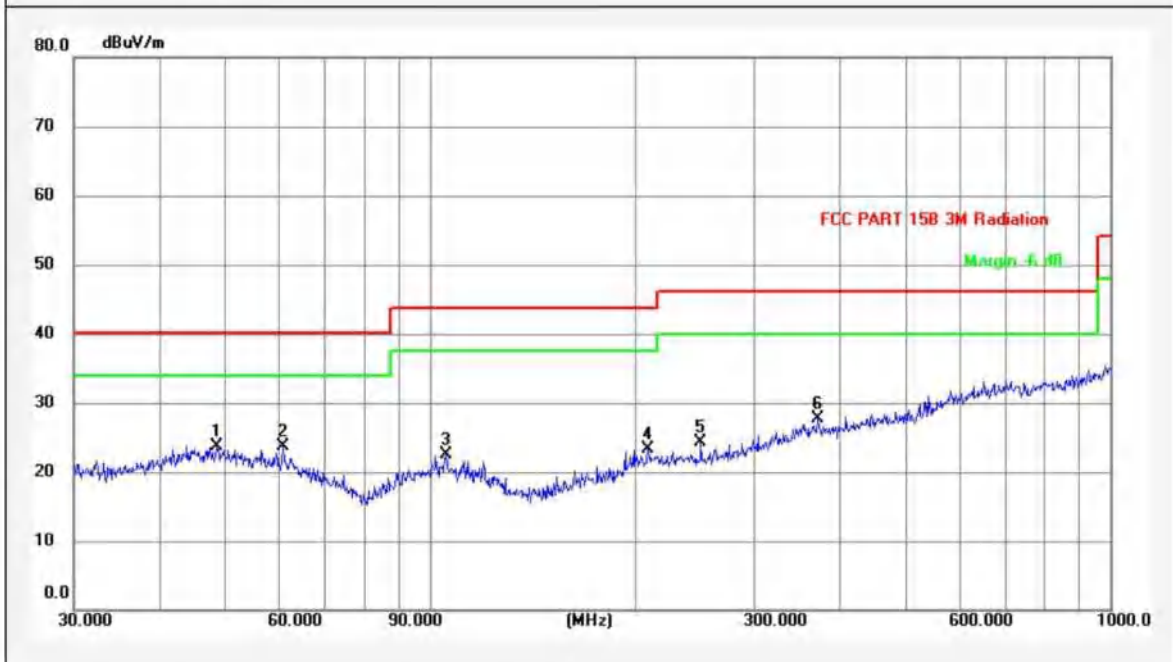
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Avenue, Houjie, Dongguan, Guangdong, China
Tel.: +86 769 8308 6888 Http://www.lepont.com.cn

Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	3DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	48.6719	14.51	9.18	23.69	40.00	-16.31	QP	*	
2	60.9174	13.17	10.48	23.65	40.00	-16.35	QP		
3	105.6414	12.27	10.30	22.57	43.50	-20.93	QP		
4	209.3129	13.13	10.24	23.37	43.50	-20.13	QP		
5	250.3009	13.50	10.83	24.33	46.00	-21.67	QP		
6	372.0045	16.93	10.71	27.64	46.00	-18.36	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#16





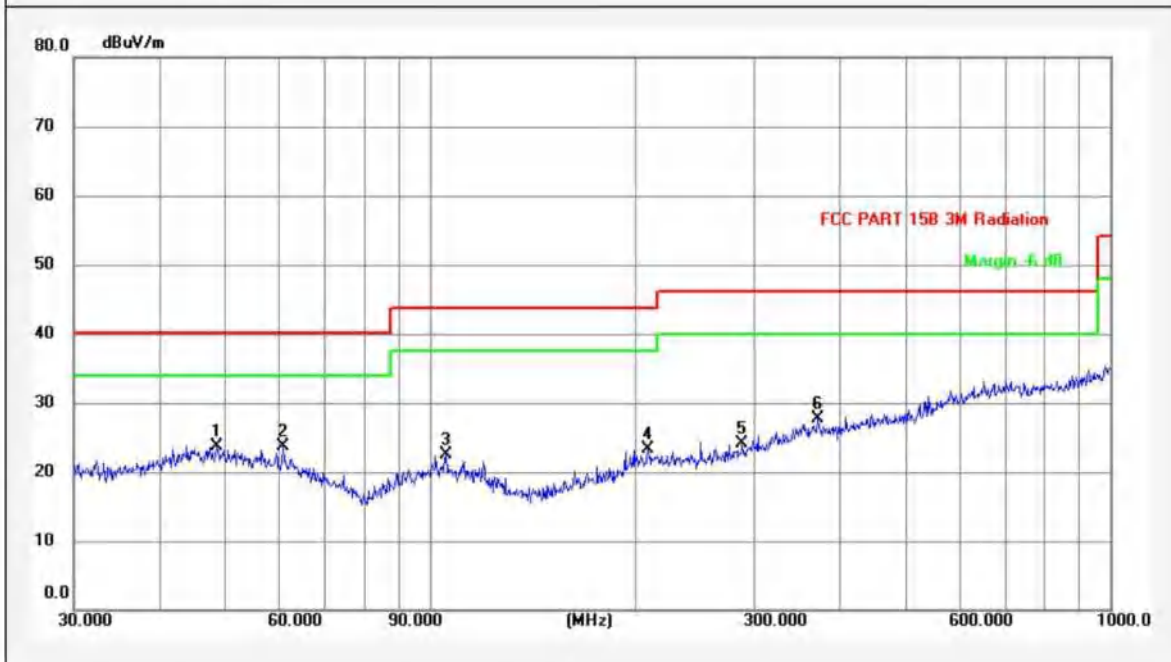
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Tel.: +86 769 8308 6888 Http://www.lepont.com.cn

Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	3DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	48.6719	14.51	9.18	23.69	40.00	-16.31	QP	*	
2	60.9174	13.17	10.48	23.65	40.00	-16.35	QP		
3	105.6414	12.27	10.30	22.57	43.50	-20.93	QP		
4	209.3129	13.13	10.24	23.37	43.50	-20.13	QP		
5	287.9904	14.43	9.69	24.12	46.00	-21.88	QP		
6	372.0045	16.93	10.71	27.64	46.00	-18.36	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.*:Maximum data x:Over limit !:Over margin
File: 30-1G\data :#15





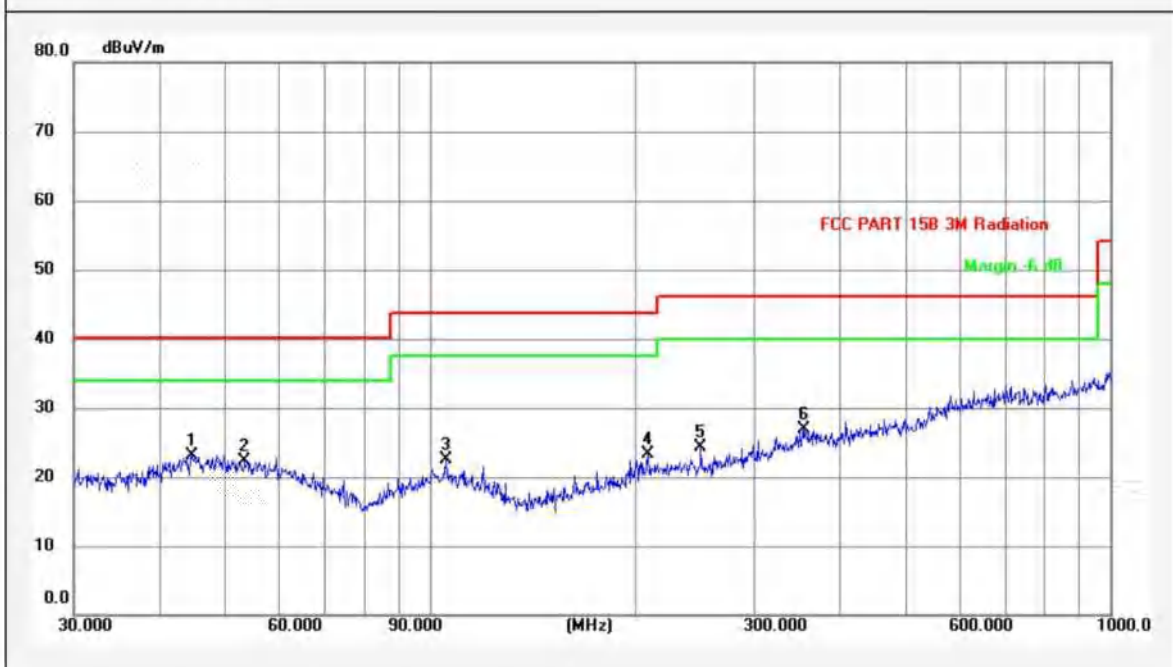
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	3DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	44.7433	14.72	8.37	23.09	40.00	-16.91	QP	*	
2	53.5052	14.05	8.27	22.32	40.00	-17.68	QP		
3	105.6414	12.27	10.30	22.57	43.50	-20.93	QP		
4	209.3129	13.13	10.24	23.37	43.50	-20.13	QP		
5	250.3010	13.50	10.83	24.33	46.00	-21.67	QP		
6	355.4272	16.88	10.11	26.99	46.00	-19.01	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#14





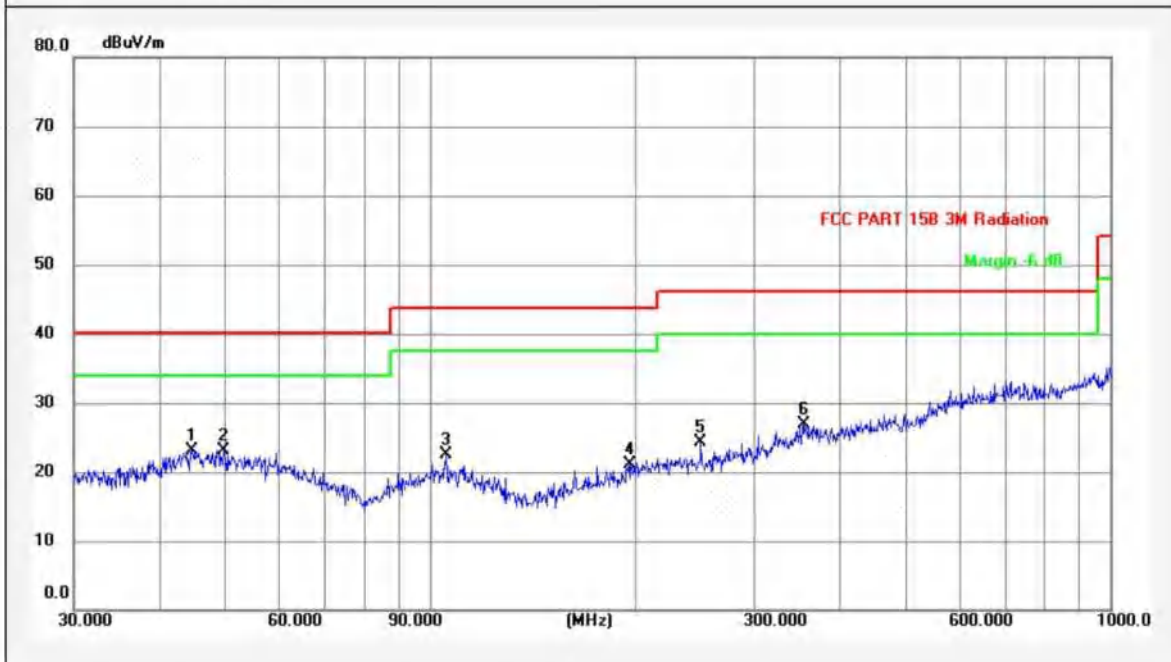
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	3DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	44.7433	14.72	8.37	23.09	40.00	-16.91	QP		
2	49.7066	14.43	8.74	23.17	40.00	-16.83	QP	*	
3	105.6414	12.27	10.30	22.57	43.50	-20.93	QP		
4	197.2000	12.59	8.52	21.11	43.50	-22.39	QP		
5	250.3010	13.50	10.83	24.33	46.00	-21.67	QP		
6	355.4272	16.88	10.11	26.99	46.00	-19.01	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: 30-1G\data :#13





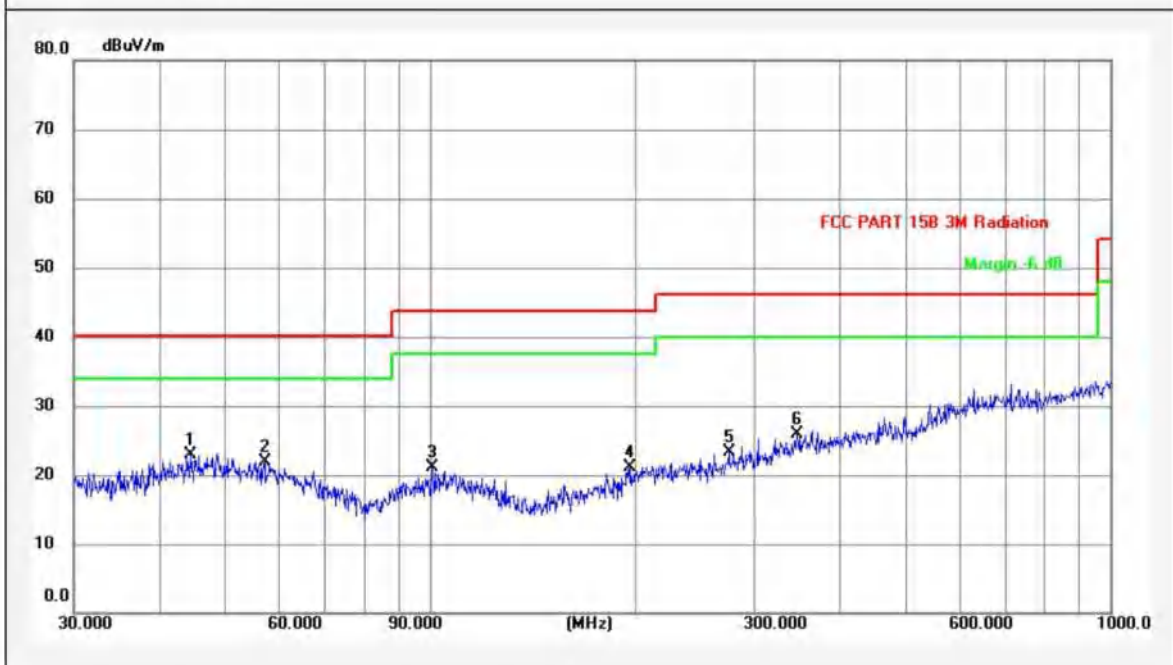
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	44.4307	14.64	8.28	22.92	40.00	-17.08	QP	*	
2	57.1914	13.68	8.28	21.96	40.00	-18.04	QP		
3	100.9339	12.57	8.58	21.15	43.50	-22.35	QP		
4	197.2001	12.59	8.52	21.11	43.50	-22.39	QP		
5	275.1570	14.11	9.16	23.27	46.00	-22.73	QP		
6	346.8092	16.74	9.24	25.98	46.00	-20.02	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#12





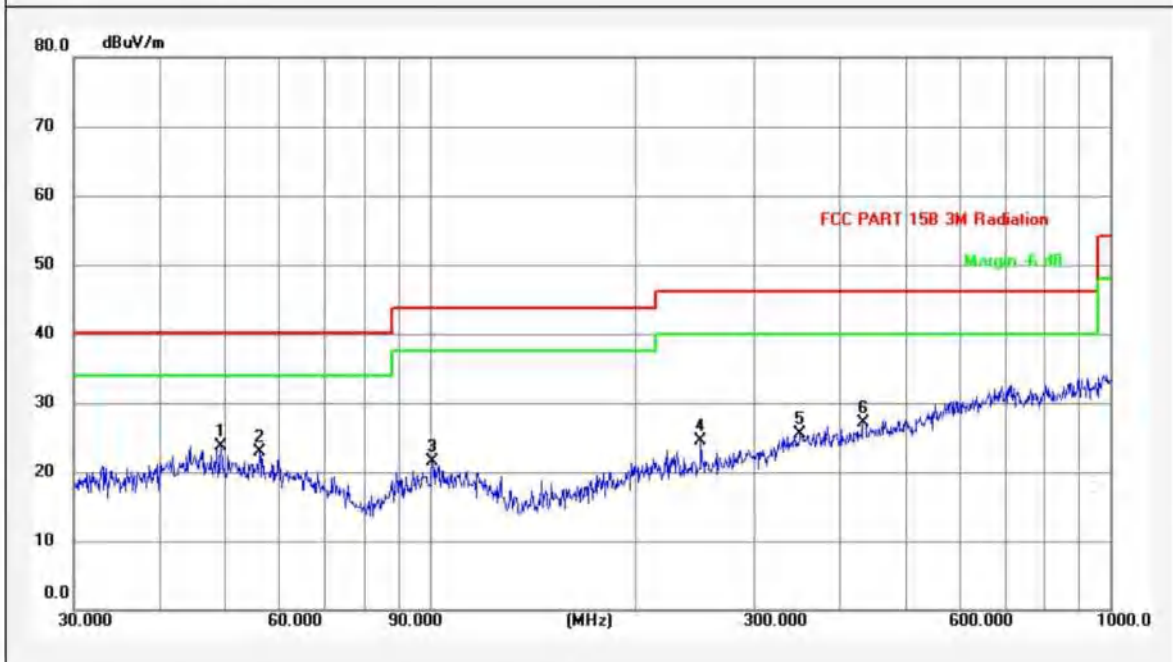
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	49.3594	14.46	9.28	23.74	40.00	-16.26	QP	*	
2	56.1974	13.78	9.05	22.83	40.00	-17.17	QP		
3	100.9339	12.57	8.97	21.54	43.50	-21.96	QP		
4	250.3011	13.50	11.07	24.57	46.00	-21.43	QP		
5	350.4767	16.87	8.66	25.53	46.00	-20.47	QP		
6	434.0650	17.72	9.44	27.16	46.00	-18.84	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#11





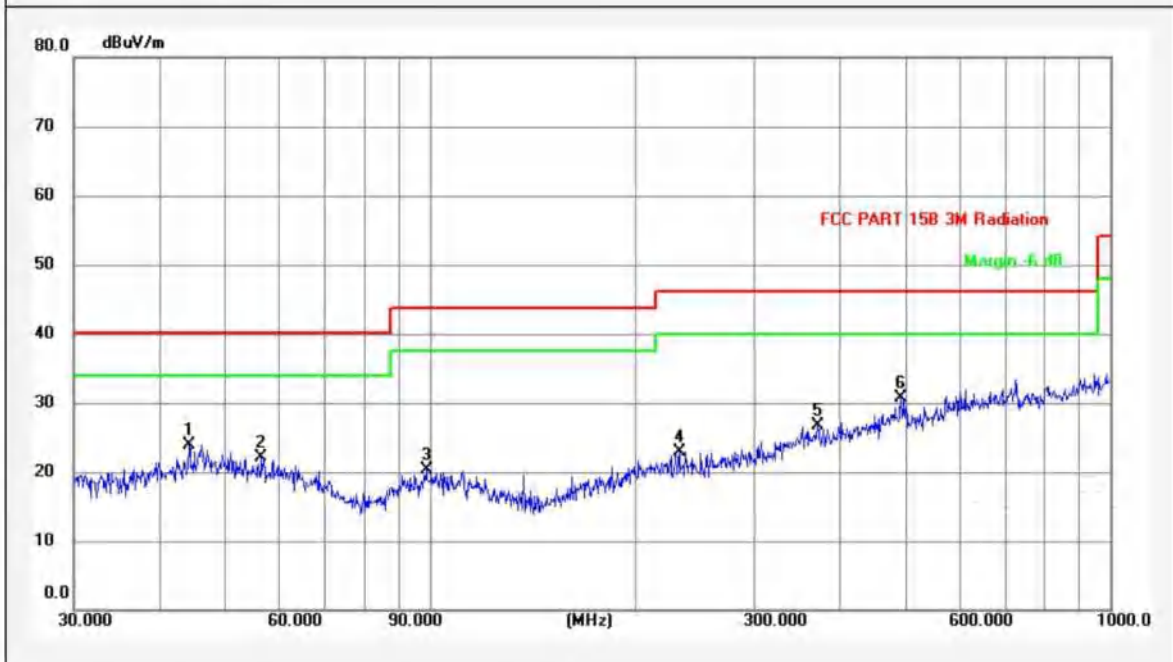
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	44.2752	14.60	9.29	23.89	40.00	-16.11	QP		
2	56.5929	13.74	8.39	22.13	40.00	-17.87	QP		
3	98.8324	12.41	7.88	20.29	43.50	-23.21	QP		
4	232.5318	13.34	9.64	22.98	46.00	-23.02	QP		
5	372.0045	16.93	9.87	26.80	46.00	-19.20	QP		
6	492.4685	18.25	12.52	30.77	46.00	-15.23	QP	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: 30-1G\data :#10





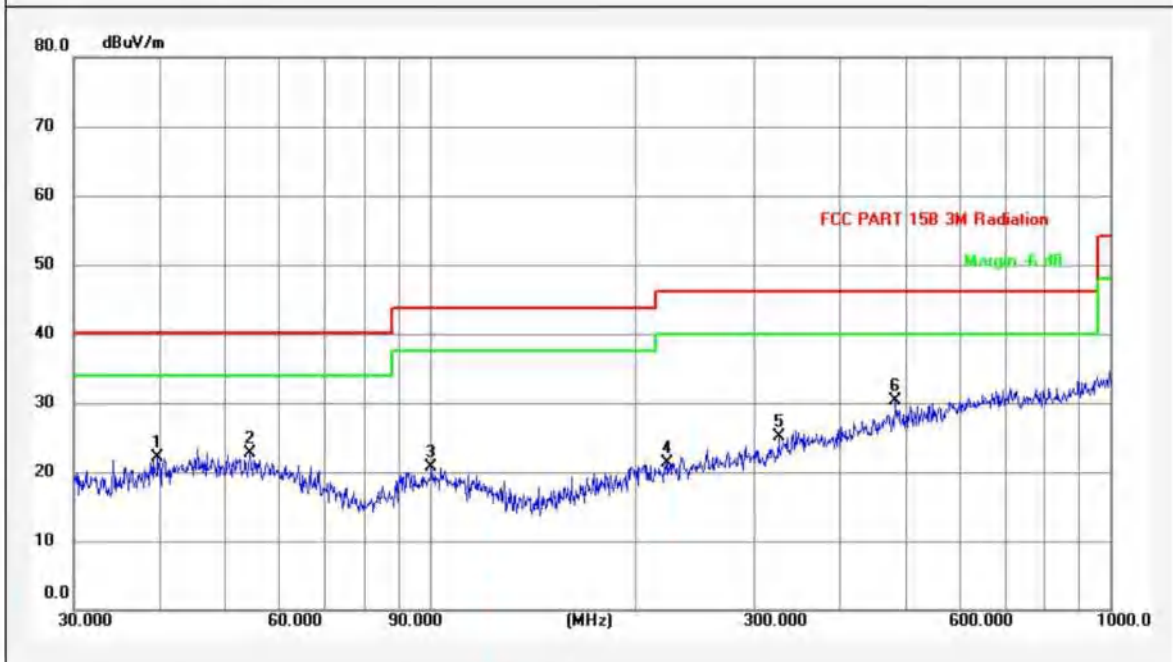
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	39.8542	13.42	8.73	22.15	40.00	-17.85	QP		
2	54.4515	13.96	8.69	22.65	40.00	-17.35	QP		
3	100.5806	12.59	8.13	20.72	43.50	-22.78	QP		
4	223.7333	13.26	7.95	21.21	46.00	-24.79	QP		
5	325.5958	15.82	9.29	25.11	46.00	-20.89	QP		
6	483.9094	18.22	12.08	30.30	46.00	-15.70	QP	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1GData :#9





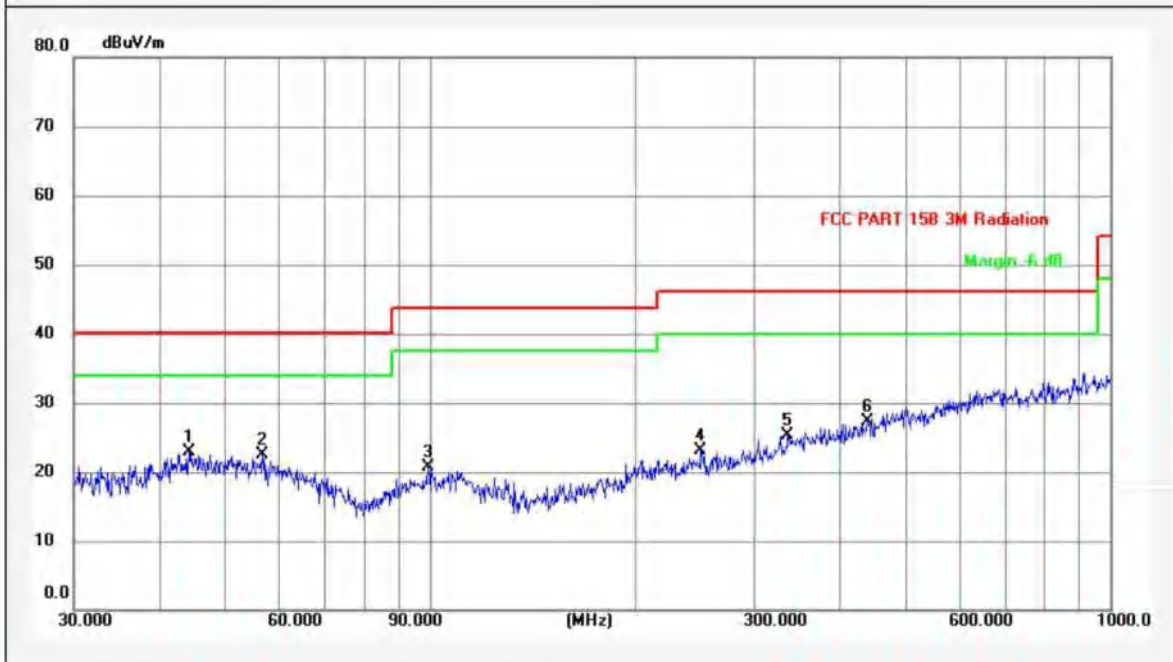
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	44.2752	14.60	8.28	22.88	40.00	-17.12	QP	*	
2	56.7917	13.72	8.72	22.44	40.00	-17.56	QP		
3	99.5281	12.54	8.10	20.64	43.50	-22.86	QP		
4	250.3011	13.50	9.68	23.18	46.00	-22.82	QP		
5	336.0351	16.27	9.02	25.29	46.00	-20.71	QP		
6	440.1962	17.84	9.39	27.23	46.00	-18.77	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#8





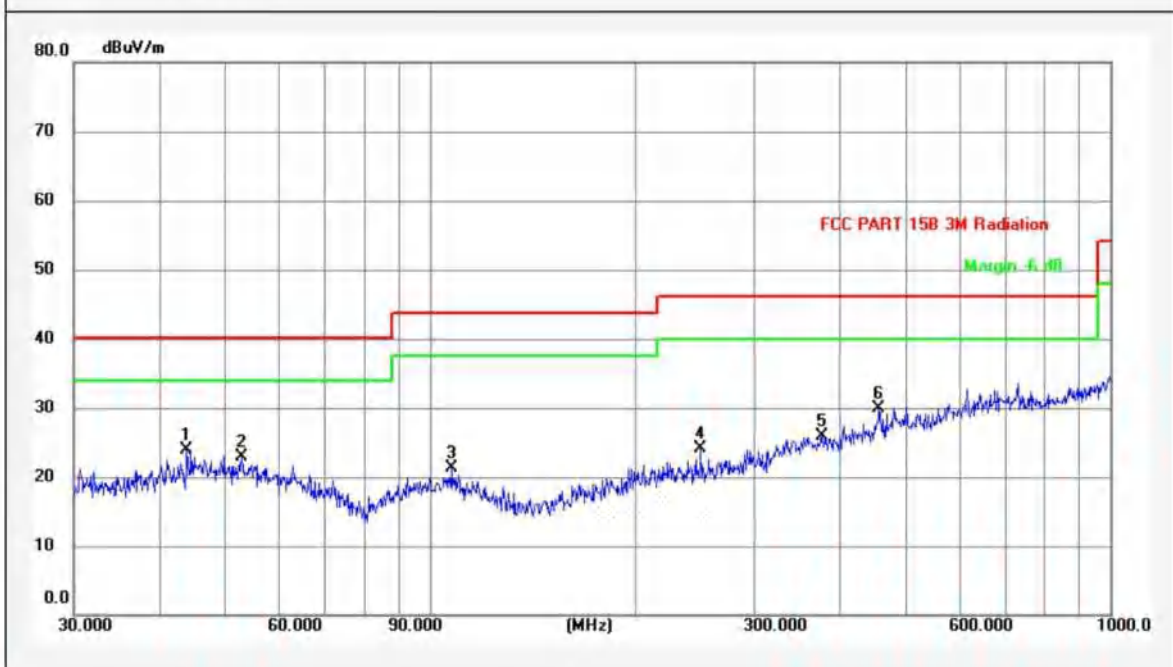
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.2 (C) / 55 %RH/ 1014
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	43.9658	14.51	9.45	23.96	40.00	-16.04	QP	*	
2	52.9453	14.11	8.84	22.95	40.00	-17.05	QP		
3	107.5100	12.16	9.06	21.22	43.50	-22.28	QP		
4	250.3010	13.50	10.57	24.07	46.00	-21.93	QP		
5	377.2590	16.94	8.88	25.82	46.00	-20.18	QP		
6	457.5072	18.09	11.78	29.87	46.00	-16.13	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#7





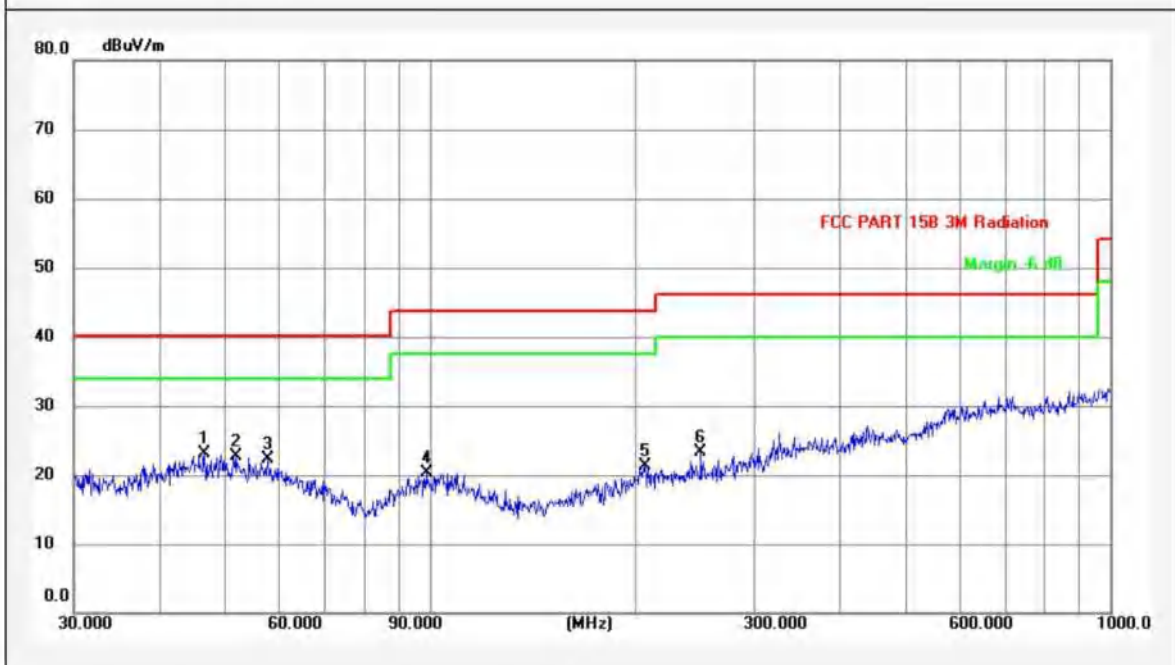
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	46.6662	14.00	9.10	23.10	40.00	-16.90	QP	*	
2	51.8430	13.54	9.25	22.79	40.00	-17.21	QP		
3	57.7961	12.87	9.50	22.37	40.00	-17.63	QP		
4	98.8324	11.43	8.93	20.36	43.50	-23.14	QP		
5	207.1225	11.92	9.44	21.36	43.50	-22.14	QP		
6	250.3009	12.28	10.97	23.25	46.00	-22.75	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.*:Maximum data x:Over limit !:Over margin

File: 30-1G\data :#6





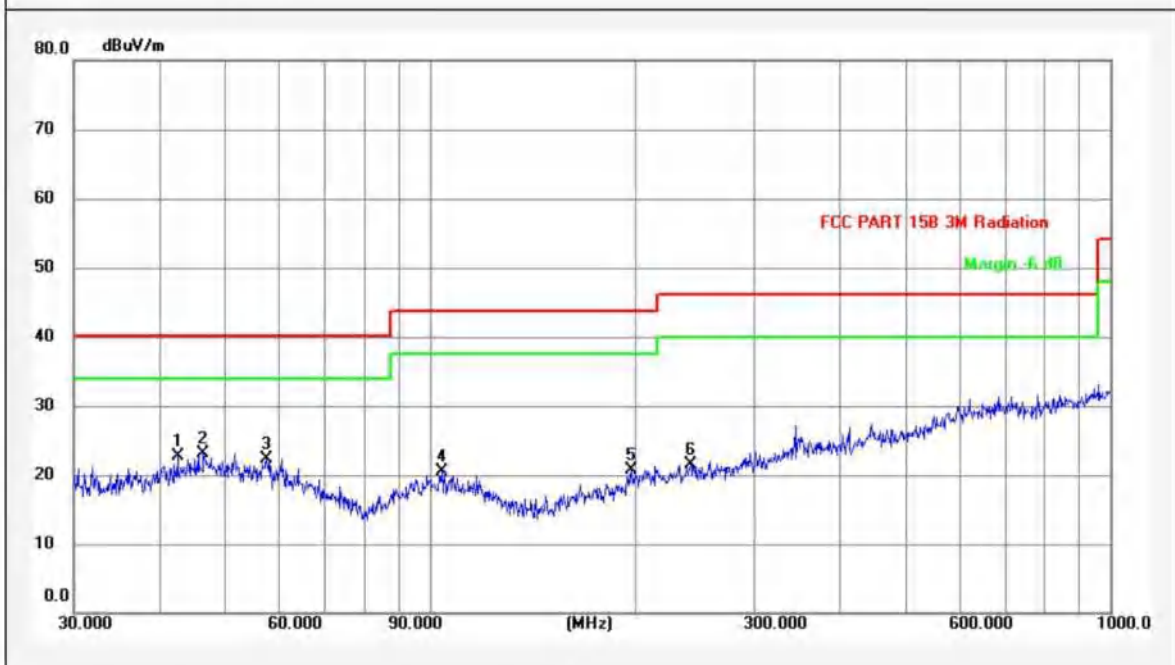
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	42.6000	13.50	9.15	22.65	40.00	-17.35	QP		
2	46.5030	14.01	9.08	23.09	40.00	-16.91	QP	*	
3	57.5938	12.89	9.48	22.37	40.00	-17.63	QP		
4	104.1701	11.37	9.17	20.54	43.50	-22.96	QP		
5	197.8926	11.52	9.16	20.68	43.50	-22.82	QP		
6	241.6761	12.37	9.11	21.48	46.00	-24.52	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#5





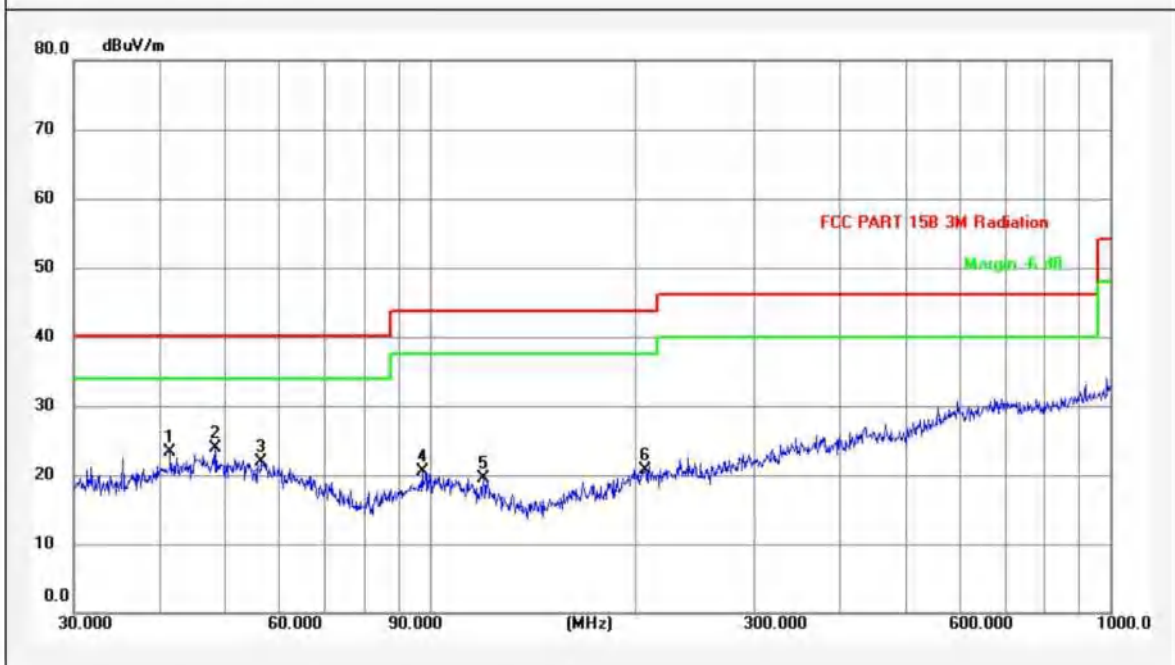
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	41.5670	13.23	10.12	23.35	40.00	-16.65	QP		
2	48.5015	13.86	10.05	23.91	40.00	-16.09	QP	*	
3	56.5929	13.00	8.87	21.87	40.00	-18.13	QP		
4	97.4557	11.17	9.34	20.51	43.50	-22.99	QP		
5	119.8555	10.35	9.25	19.60	43.50	-23.90	QP		
6	207.1225	11.92	8.82	20.74	43.50	-22.76	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#4





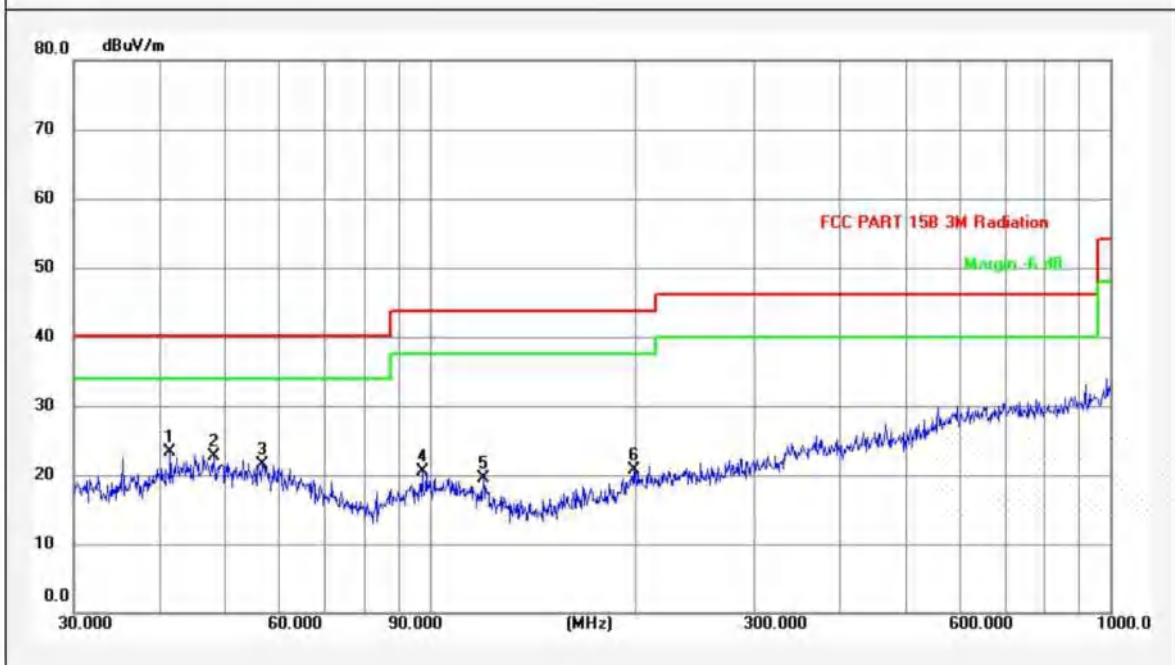
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	41.5670	13.23	10.12	23.35	40.00	-16.65	QP	*	
2	48.1625	13.89	8.91	22.80	40.00	-17.20	QP		
3	56.7916	12.98	8.57	21.55	40.00	-18.45	QP		
4	97.4557	11.17	9.34	20.51	43.50	-22.99	QP		
5	119.8555	10.35	9.25	19.60	43.50	-23.90	QP		
6	199.2855	11.75	8.91	20.66	43.50	-22.84	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin
File: 30-1G\data :#3





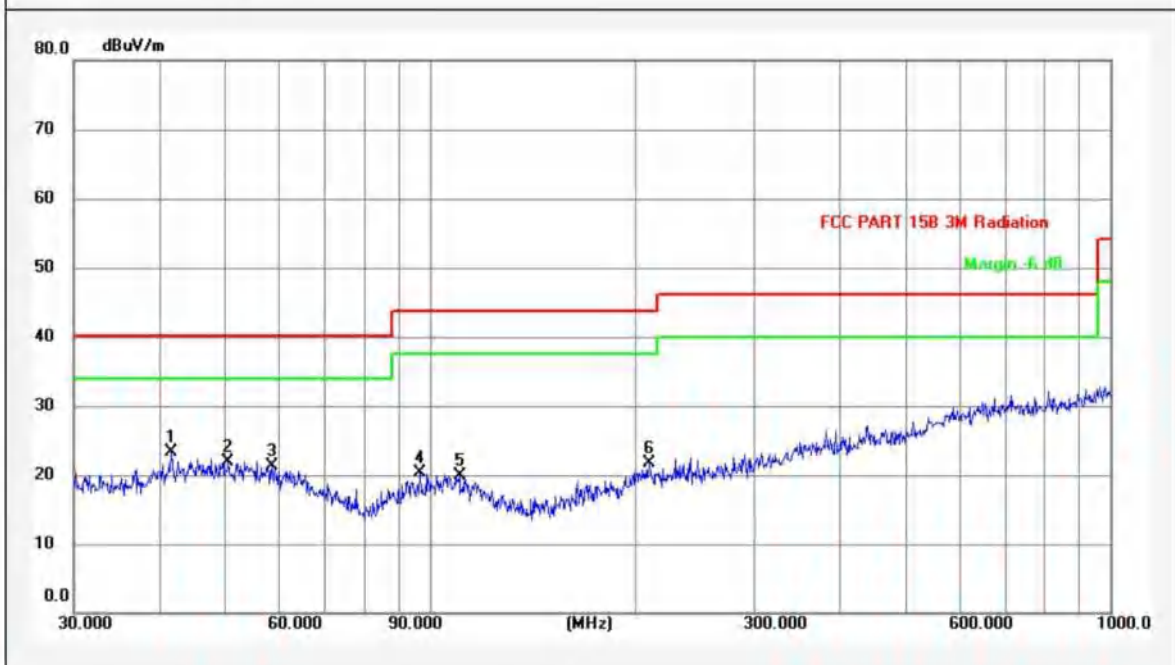
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	41.7129	13.27	10.09	23.36	40.00	-16.64	QP	*	
2	50.5859	13.68	8.27	21.95	40.00	-18.05	QP		
3	58.6126	12.78	8.43	21.21	40.00	-18.79	QP		
4	96.7749	11.05	9.25	20.30	43.50	-23.20	QP		
5	110.5686	10.95	8.98	19.93	43.50	-23.57	QP		
6	210.0481	11.94	9.76	21.70	43.50	-21.80	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#2





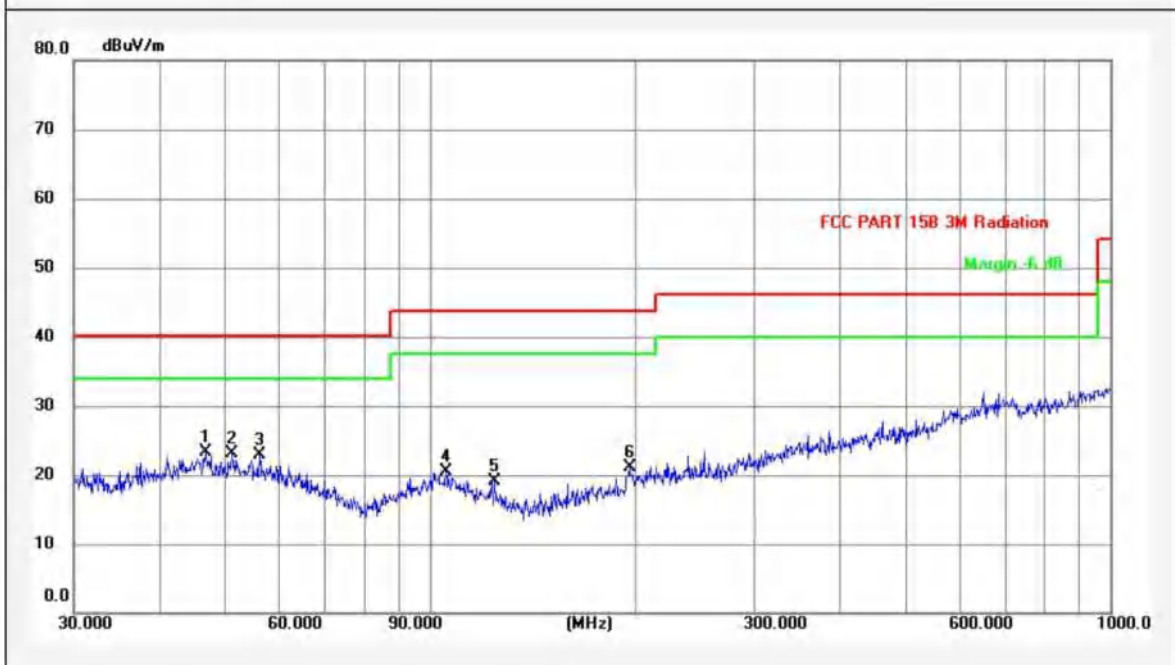
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Tel.: +86 769 8308 6888 Http://www.lepont.com.cn

Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Claire
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	46.8301	13.98	9.24	23.22	40.00	-16.78	QP	*	
2	51.1208	13.62	9.56	23.18	40.00	-16.82	QP		
3	56.1974	13.05	9.95	23.00	40.00	-17.00	QP		
4	105.6414	11.27	9.14	20.41	43.50	-23.09	QP		
5	124.5690	9.56	9.62	19.18	43.50	-24.32	QP		
6	196.5098	11.30	9.78	21.08	43.50	-22.42	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: 30-1G\data :#1



1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental



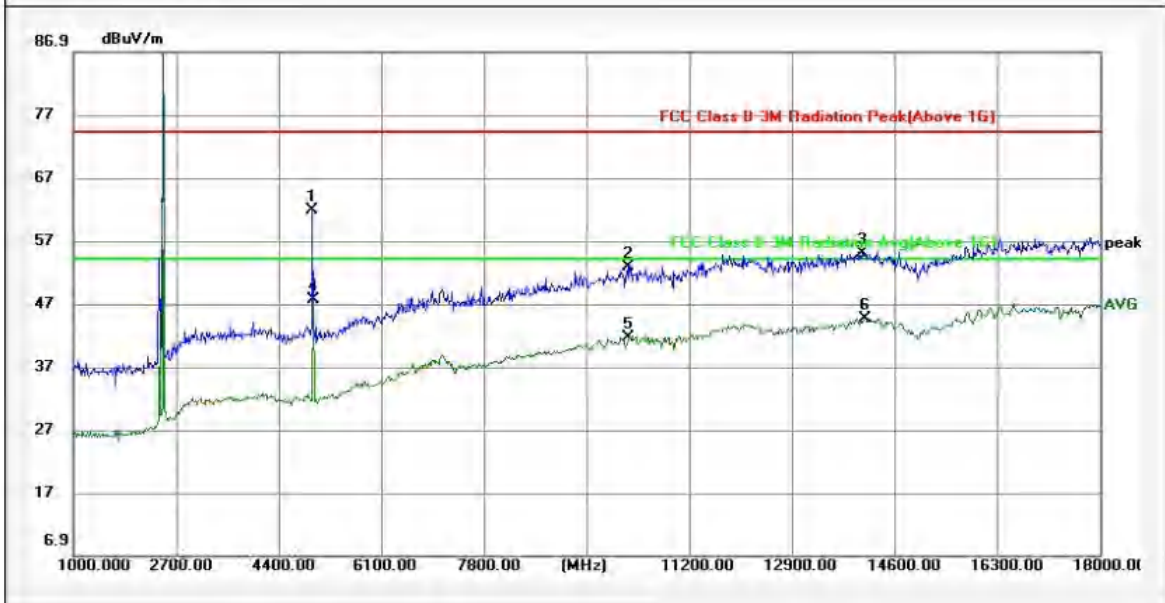
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	3DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4961.000	1.16	60.67	61.83	74.00	-12.17	peak		
2	10180.000	11.54	41.32	52.86	74.00	-21.14	peak		
3	14056.000	15.63	39.41	55.04	74.00	-18.96	peak		
4	4978.000	1.16	46.43	47.59	54.00	-6.41	AVG	*	
5	10197.000	11.58	30.07	41.65	54.00	-12.35	AVG		
6	14107.000	15.51	29.14	44.65	54.00	-9.35	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#18





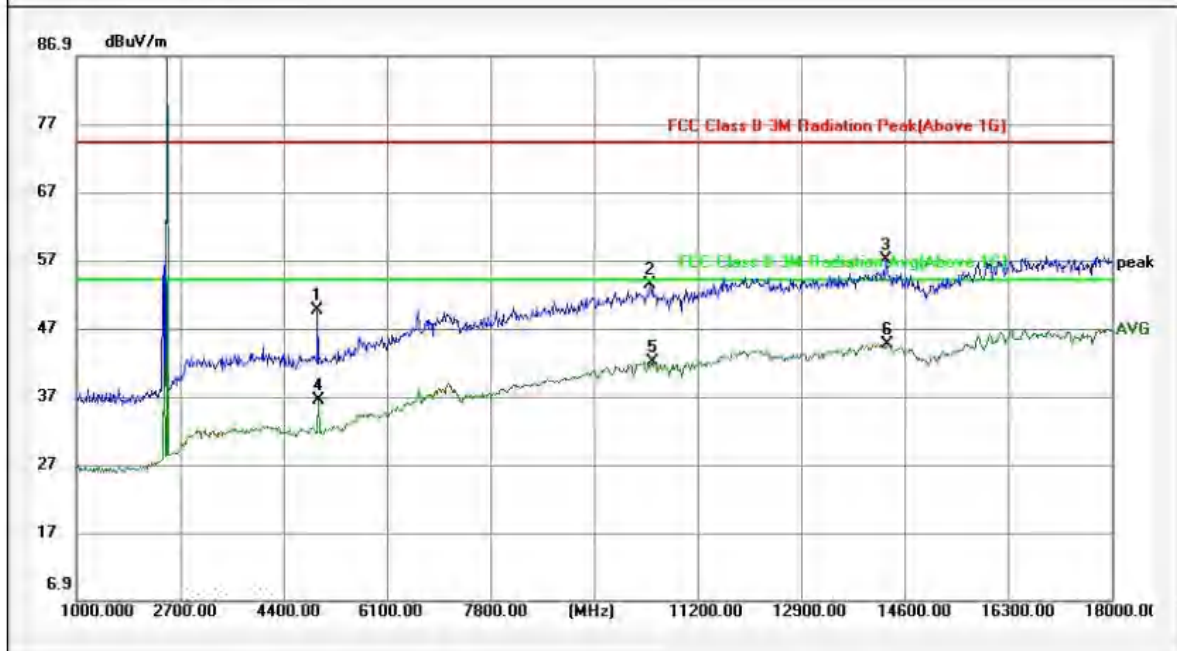
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	3DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4961.000	1.16	48.43	49.59	74.00	-24.41	peak		
2	10418.000	11.96	41.41	53.37	74.00	-20.63	peak		
3	14294.000	15.01	42.05	57.06	74.00	-16.94	peak		
4	4978.000	1.16	35.23	36.39	54.00	-17.61	AVG		
5	10452.000	12.01	30.00	42.01	54.00	-11.99	AVG		
6	14311.000	14.96	29.62	44.58	54.00	-9.42	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#17





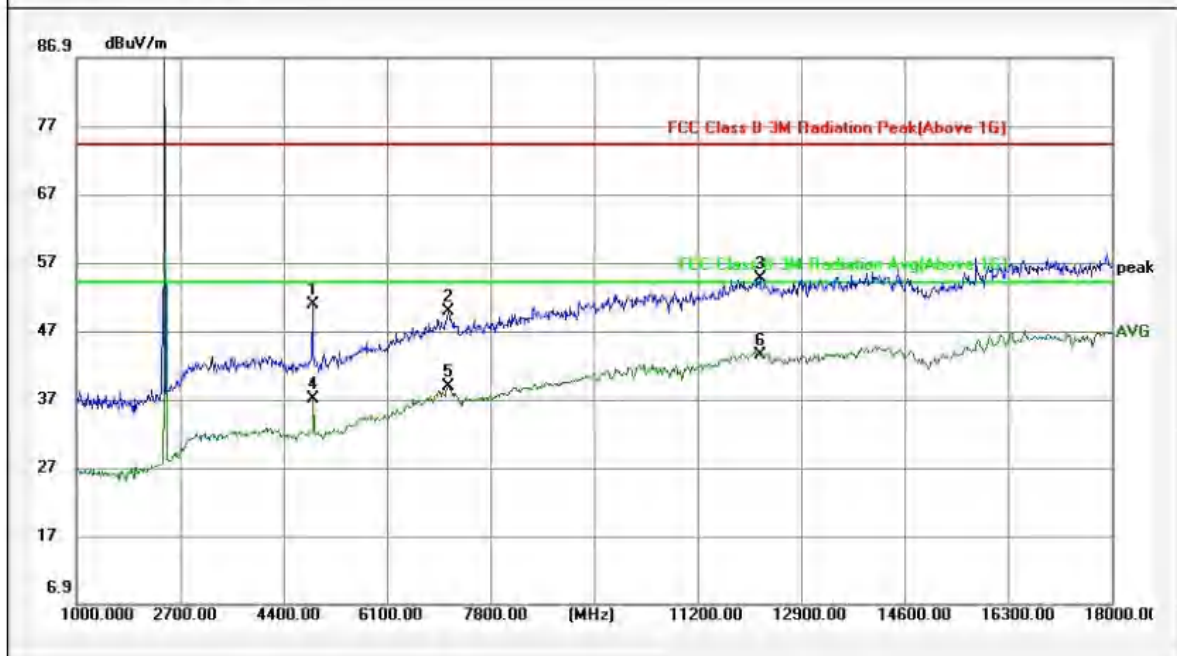
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	3DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4876.000	1.16	49.61	50.77	74.00	-23.23	peak		
2	7103.000	8.74	41.03	49.77	74.00	-24.23	peak		
3	12220.000	15.19	39.39	54.58	74.00	-19.42	peak		
4	4893.000	1.17	35.82	36.99	54.00	-17.01	AVG		
5	7103.000	8.74	30.13	38.87	54.00	-15.13	AVG		
6	12237.000	15.21	28.19	43.40	54.00	-10.60	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#16





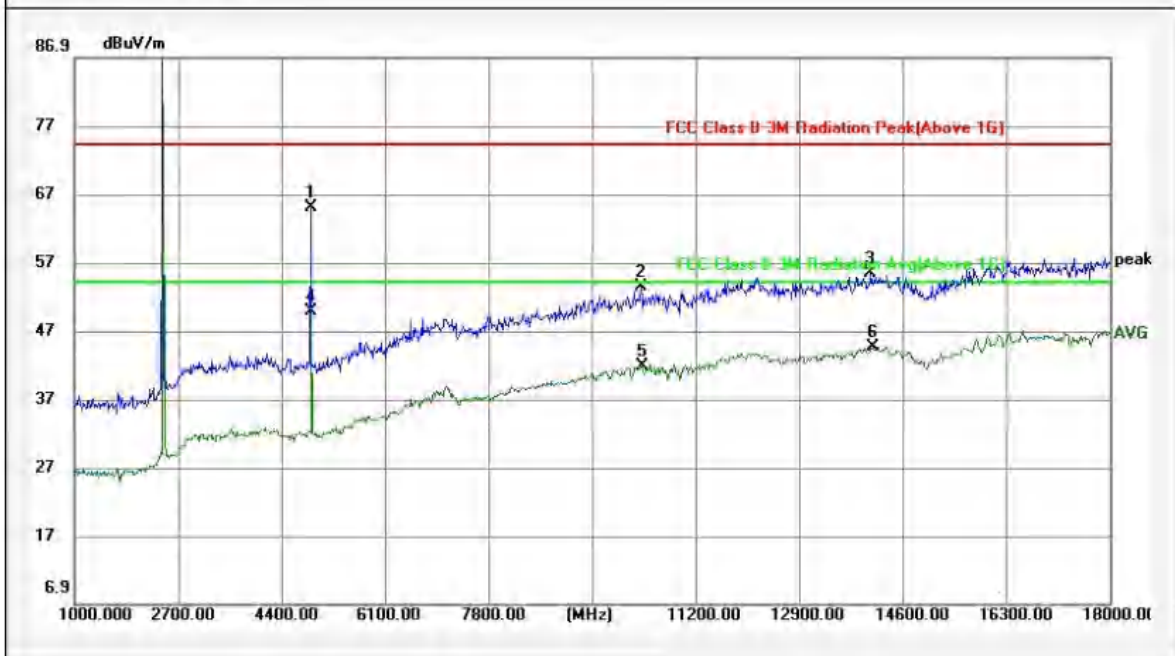
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	3DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4876.000	1.16	63.88	65.04	74.00	-8.96	peak		
2	10299.000	11.75	41.67	53.42	74.00	-20.58	peak		
3	14073.000	15.59	39.75	55.34	74.00	-18.66	peak		
4	4893.000	1.17	48.73	49.90	54.00	-4.10	AVG	*	
5	10316.000	11.77	30.04	41.81	54.00	-12.19	AVG		
6	14107.000	15.51	29.09	44.60	54.00	-9.40	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#15





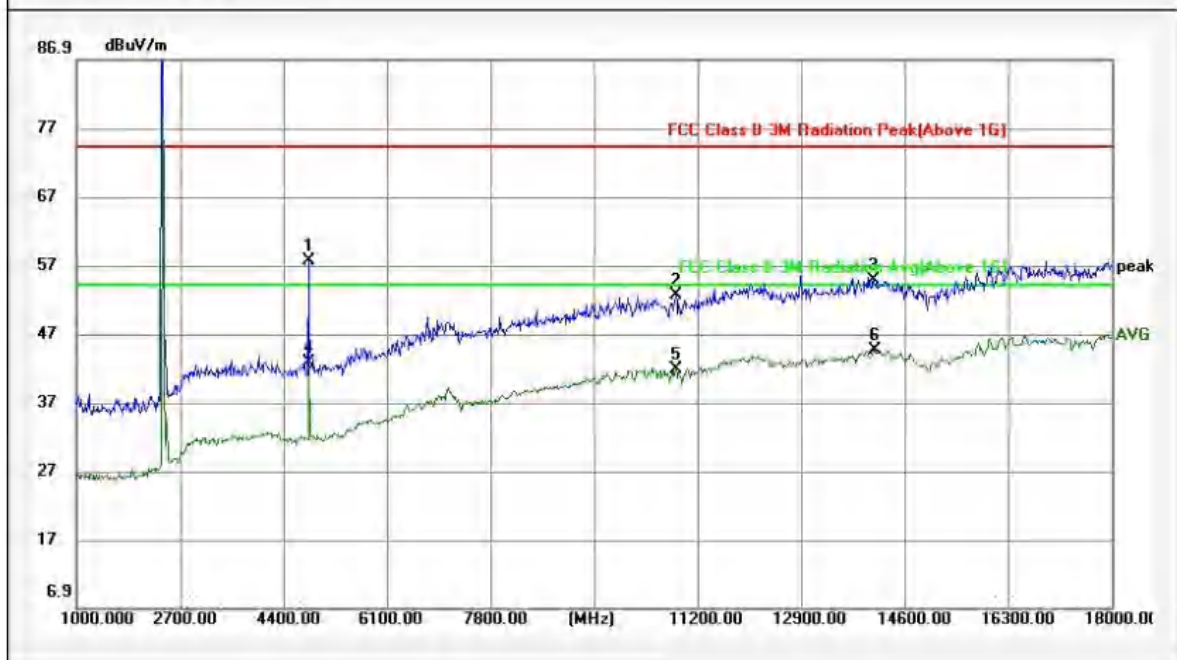
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	3DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4808.000	1.18	56.51	57.69	74.00	-16.31	peak		
2	10843.000	12.69	39.85	52.54	74.00	-21.46	peak		
3	14090.000	15.55	39.27	54.82	74.00	-19.18	peak		
4	4825.000	1.18	41.63	42.81	54.00	-11.19	AVG		
5	10843.000	12.69	29.08	41.77	54.00	-12.23	AVG		
6	14107.000	15.51	29.03	44.54	54.00	-9.46	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#14





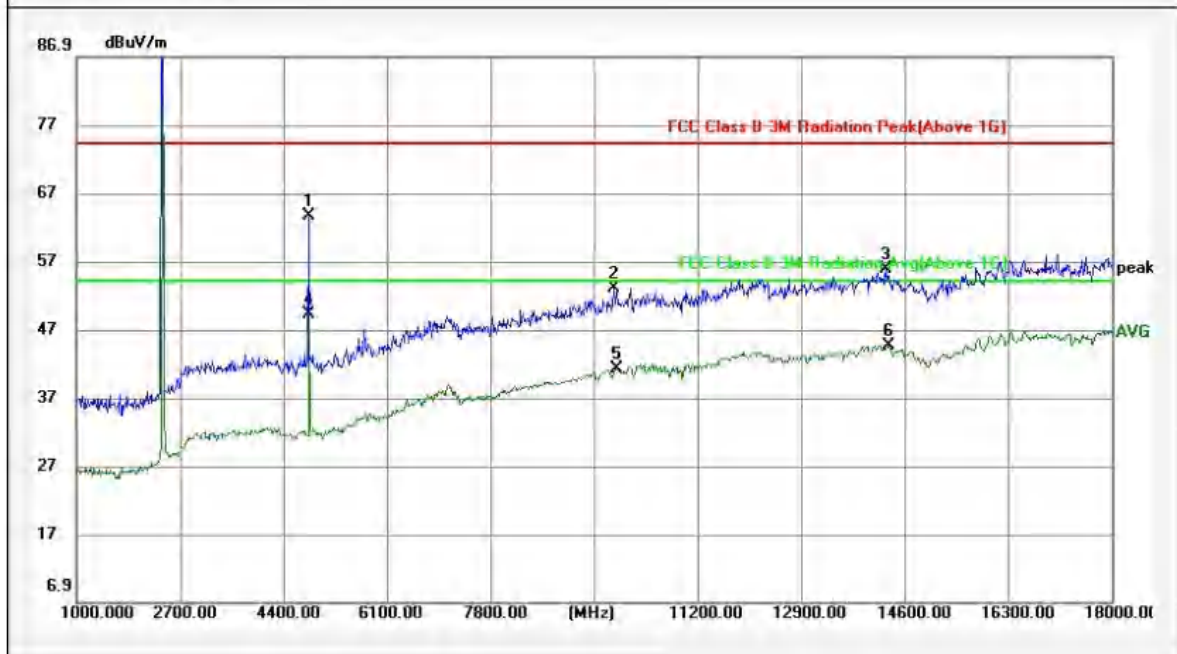
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	3DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4808.000	1.18	62.47	63.65	74.00	-10.35	peak		
2	9823.000	11.09	41.88	52.97	74.00	-21.03	peak		
3	14294.000	15.01	40.79	55.80	74.00	-18.20	peak		
4	4825.000	1.18	48.05	49.23	54.00	-4.77	AVG	*	
5	9874.000	11.13	30.05	41.18	54.00	-12.82	AVG		
6	14328.000	14.93	29.61	44.54	54.00	-9.46	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#13





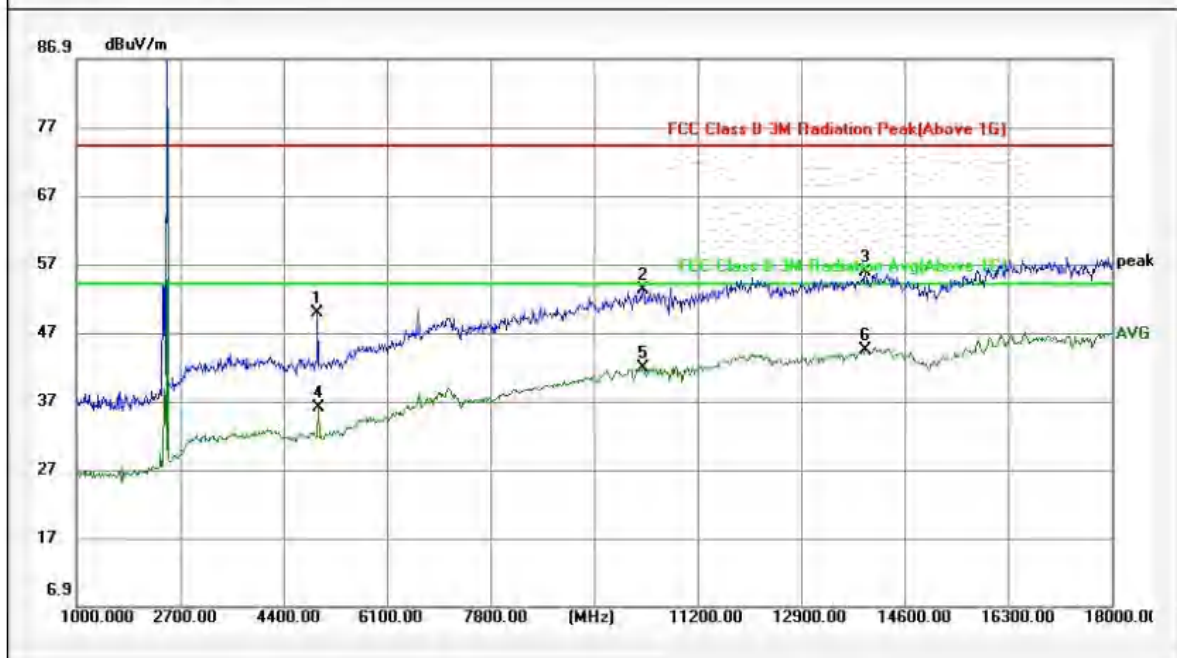
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4961.000	1.16	48.65	49.81	74.00	-24.19	peak		
2	10299.000	11.75	41.48	53.23	74.00	-20.77	peak		
3	13954.000	15.77	40.09	55.86	74.00	-18.14	peak		
4	4978.000	1.16	34.80	35.96	54.00	-18.04	AVG		
5	10299.000	11.75	29.96	41.71	54.00	-12.29	AVG		
6	13954.000	15.77	28.63	44.40	54.00	-9.60	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK:*.Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#12





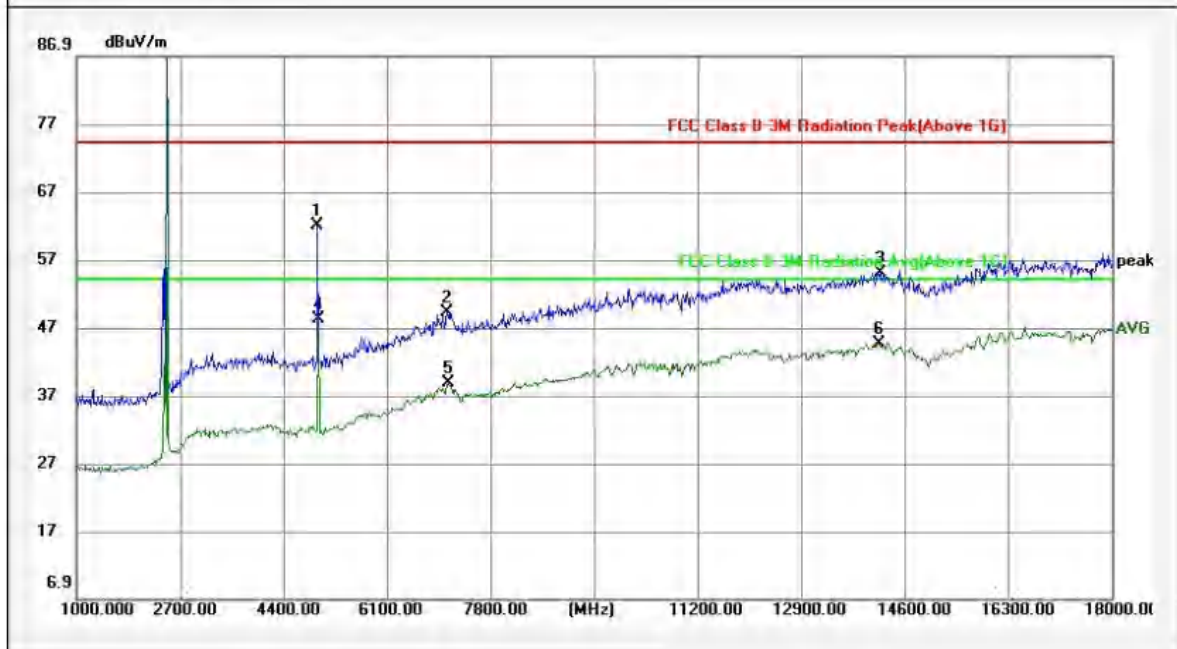
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4961.000	1.16	60.84	62.00	74.00	-12.00	peak		
2	7086.000	8.75	40.38	49.13	74.00	-24.87	peak		
3	14209.000	15.23	39.81	55.04	74.00	-18.96	peak		
4	4978.000	1.16	47.00	48.16	54.00	-5.84	AVG	*	
5	7103.000	8.74	30.15	38.89	54.00	-15.11	AVG		
6	14175.000	15.33	29.32	44.65	54.00	-9.35	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK: *:Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#11





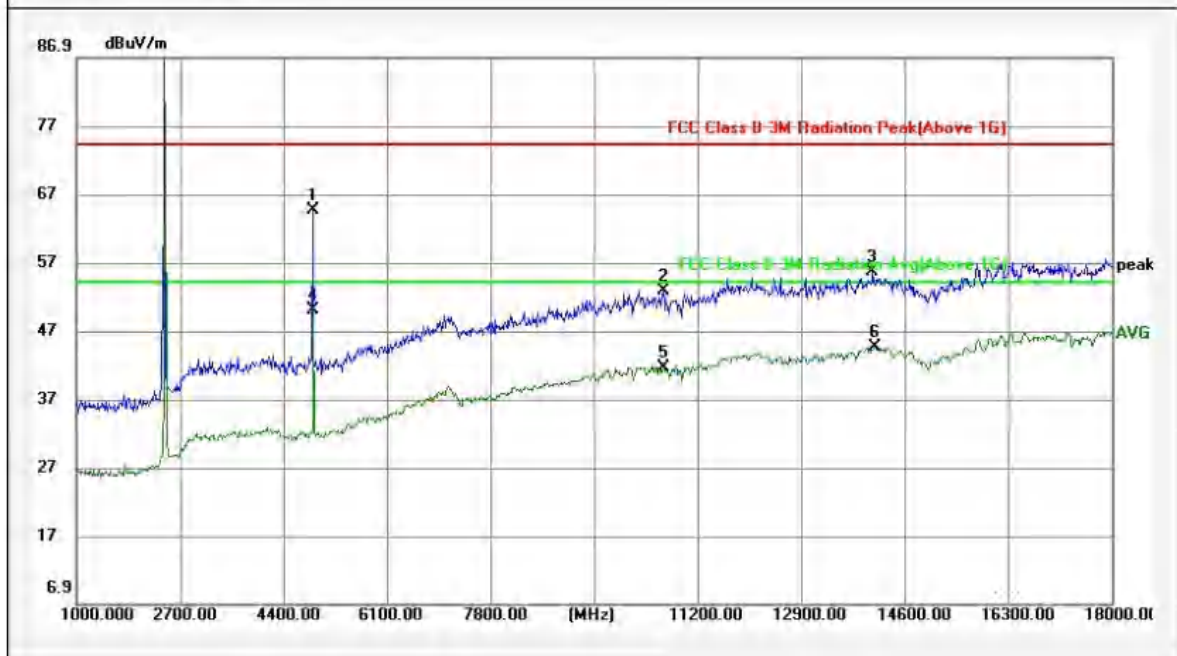
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4876.000	1.16	63.45	64.61	74.00	-9.39	peak		
2	10639.000	12.33	40.39	52.72	74.00	-21.28	peak		
3	14073.000	15.59	40.06	55.65	74.00	-18.35	peak		
4	4893.000	1.17	48.87	50.04	54.00	-3.96	AVG	*	
5	10639.000	12.33	29.30	41.63	54.00	-12.37	AVG		
6	14107.000	15.51	29.00	44.51	54.00	-9.49	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#10





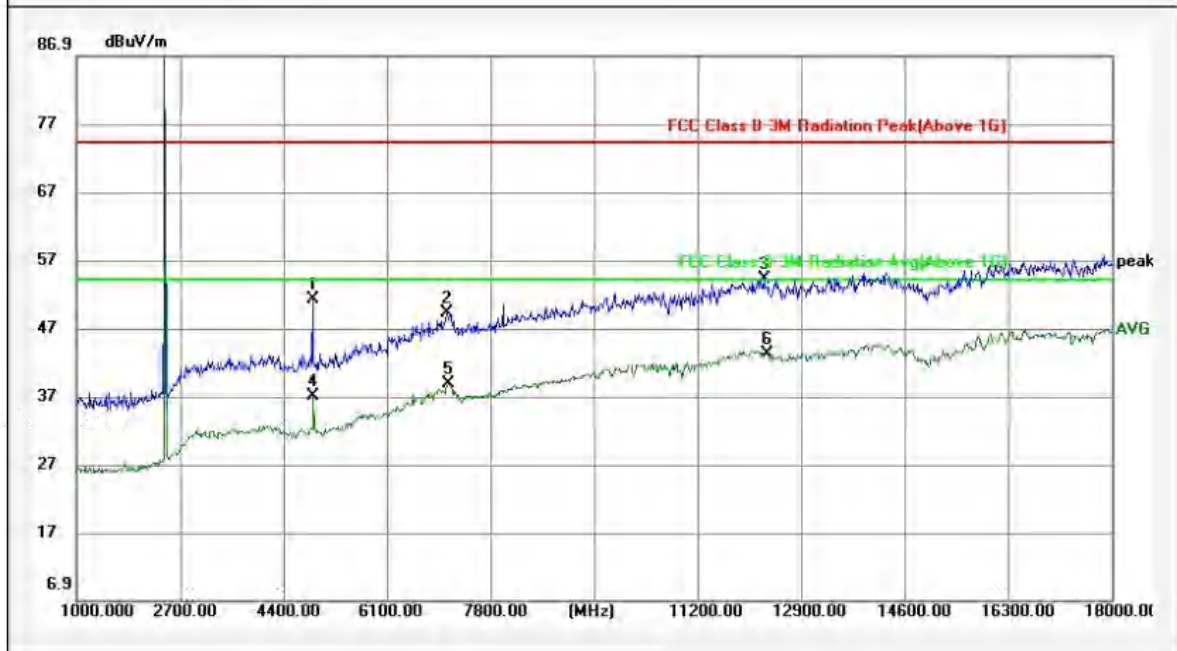
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4876.000	1.16	50.03	51.19	74.00	-22.81	peak		
2	7086.000	8.75	40.54	49.29	74.00	-24.71	peak		
3	12288.000	15.23	38.89	54.12	74.00	-19.88	peak		
4	4893.000	1.17	35.81	36.98	54.00	-17.02	AVG		
5	7103.000	8.74	30.04	38.78	54.00	-15.22	AVG		
6	12339.000	15.27	27.97	43.24	54.00	-10.76	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#9





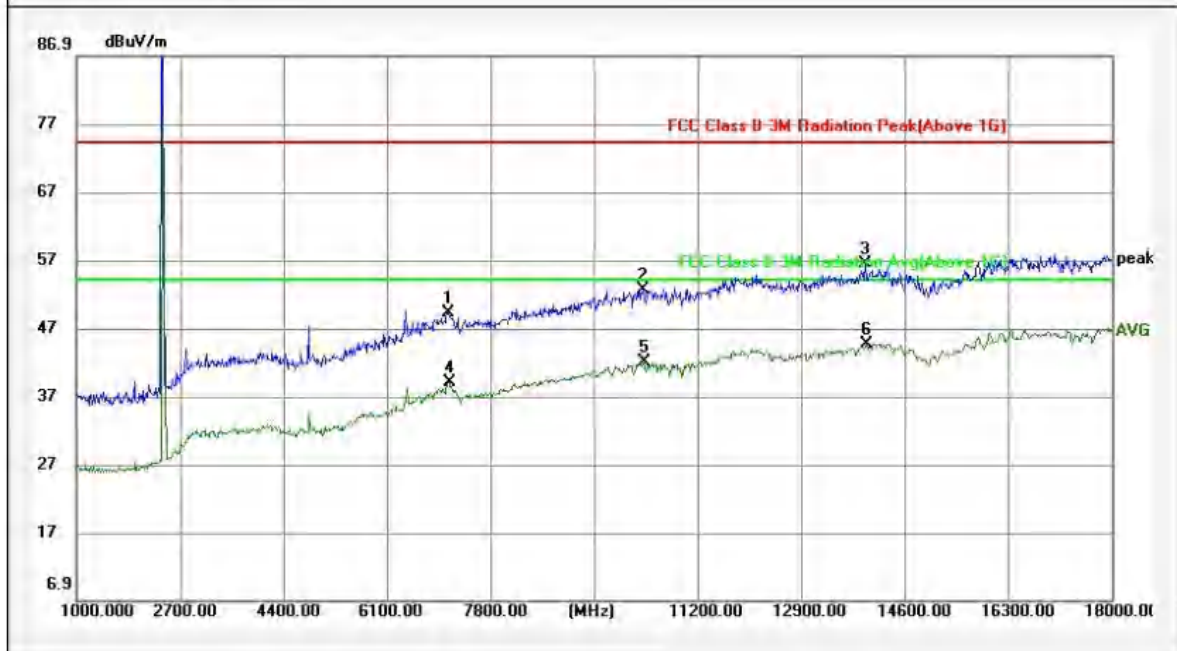
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	7103.000	8.74	40.51	49.25	74.00	-24.75	peak		
2	10299.000	11.75	40.91	52.66	74.00	-21.34	peak		
3	13954.000	15.77	40.71	56.48	74.00	-17.52	peak		
4	7120.000	8.75	30.18	38.93	54.00	-15.07	AVG		
5	10316.000	11.77	30.19	41.96	54.00	-12.04	AVG		
6	13971.000	15.77	28.81	44.58	54.00	-9.42	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#8





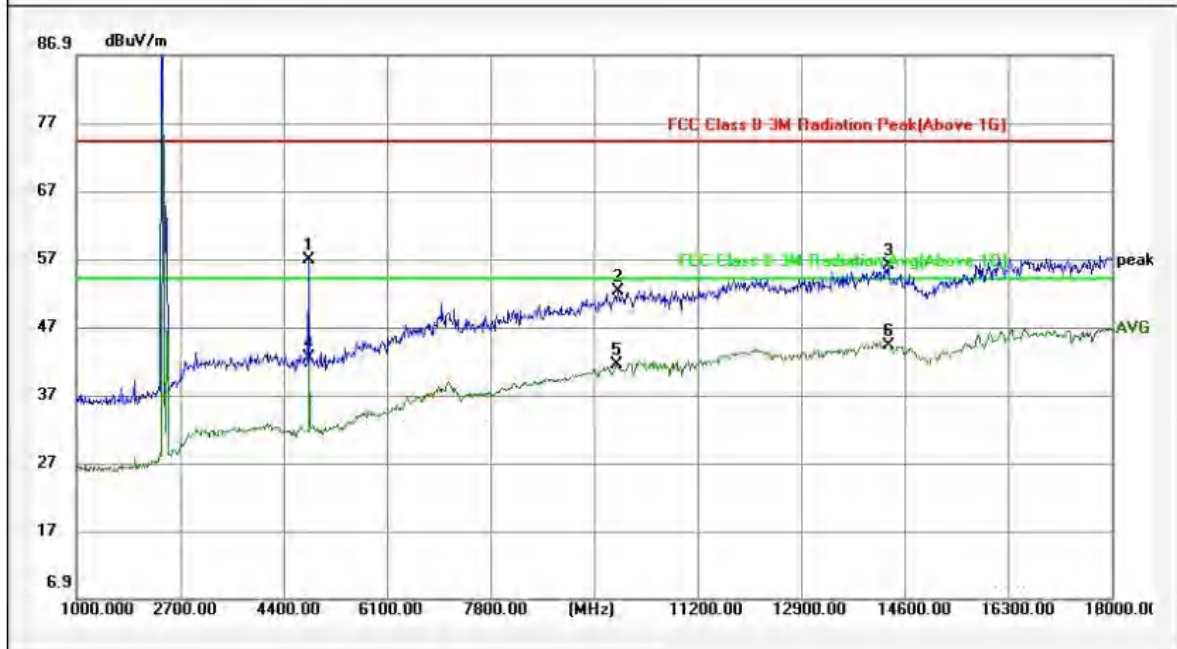
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4808.000	1.18	55.69	56.87	74.00	-17.13	peak		
2	9891.000	11.14	41.01	52.15	74.00	-21.85	peak		
3	14328.000	14.93	41.10	56.03	74.00	-17.97	peak		
4	4825.000	1.18	41.28	42.46	54.00	-11.54	AVG		
5	9874.000	11.13	30.18	41.31	54.00	-12.69	AVG		
6	14345.000	14.88	29.42	44.30	54.00	-9.70	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#7





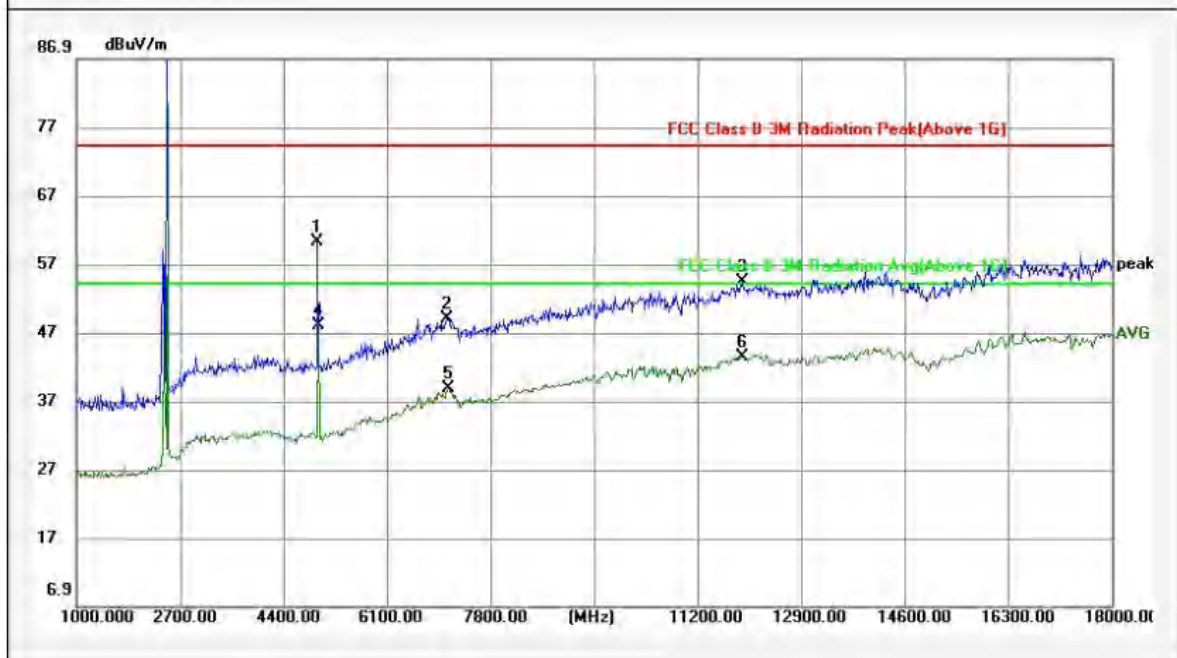
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4961.000	1.16	59.04	60.20	74.00	-13.80	peak		
2	7086.000	8.75	40.24	48.99	74.00	-25.01	peak		
3	11931.000	14.93	39.39	54.32	74.00	-19.68	peak		
4	4978.000	1.16	46.82	47.98	54.00	-6.02	AVG	*	
5	7103.000	8.74	30.05	38.79	54.00	-15.21	AVG		
6	11931.000	14.93	28.56	43.49	54.00	-10.51	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK:*.Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#6





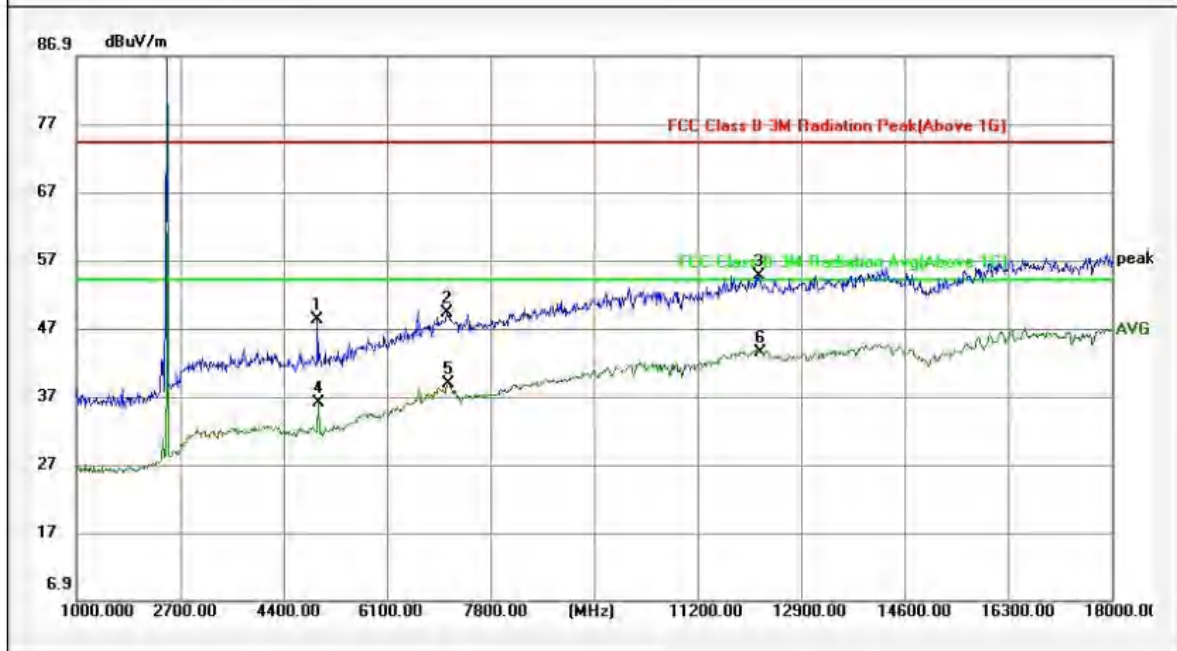
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Avenue, Houjie, Dongguan, Guangdong, China
Tel.: +86 769 8308 6888 Http://www.lepont.com.cn

Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4961.000	1.16	46.95	48.11	74.00	-25.89	peak		
2	7086.000	8.75	40.44	49.19	74.00	-24.81	peak		
3	12203.000	15.18	39.51	54.69	74.00	-19.31	peak		
4	4978.000	1.16	34.86	36.02	54.00	-17.98	AVG		
5	7103.000	8.74	30.13	38.87	54.00	-15.13	AVG		
6	12220.000	15.19	28.23	43.42	54.00	-10.58	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#5





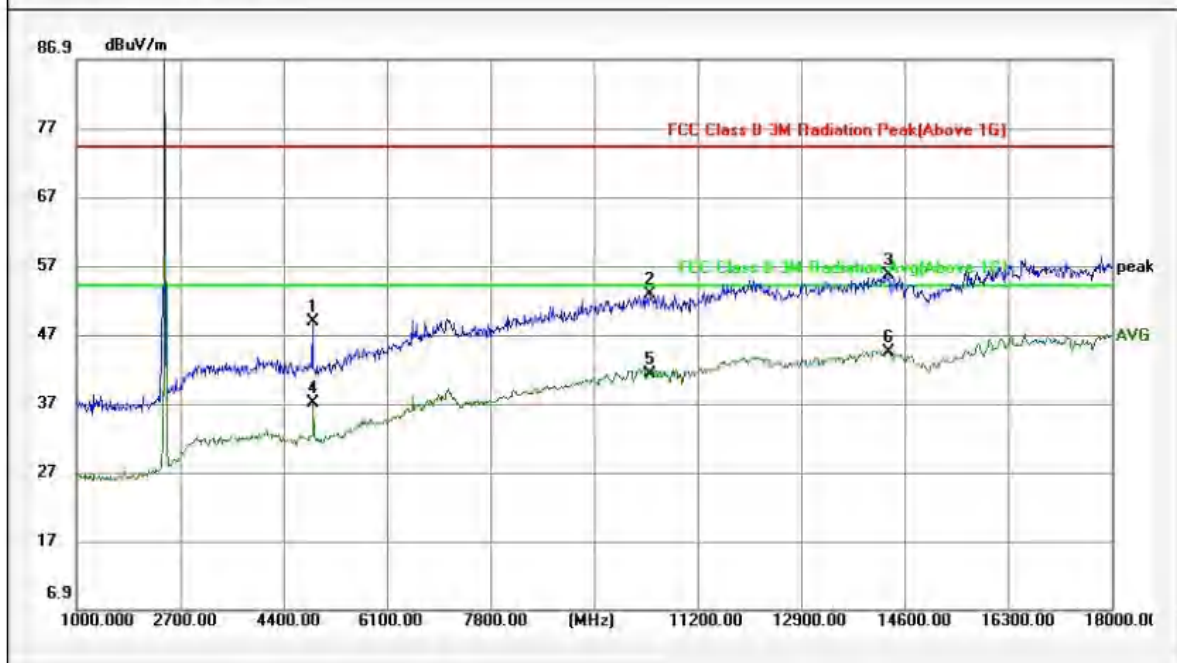
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4876.000	1.16	47.66	48.82	74.00	-25.18	peak		
2	10418.000	11.96	40.93	52.89	74.00	-21.11	peak		
3	14345.000	14.88	40.72	55.60	74.00	-18.40	peak		
4	4893.000	1.17	35.82	36.99	54.00	-17.01	AVG		
5	10418.000	11.96	29.22	41.18	54.00	-12.82	AVG		
6	14328.000	14.93	29.53	44.46	54.00	-9.54	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin
File: OB1998-RSE\Data :#4





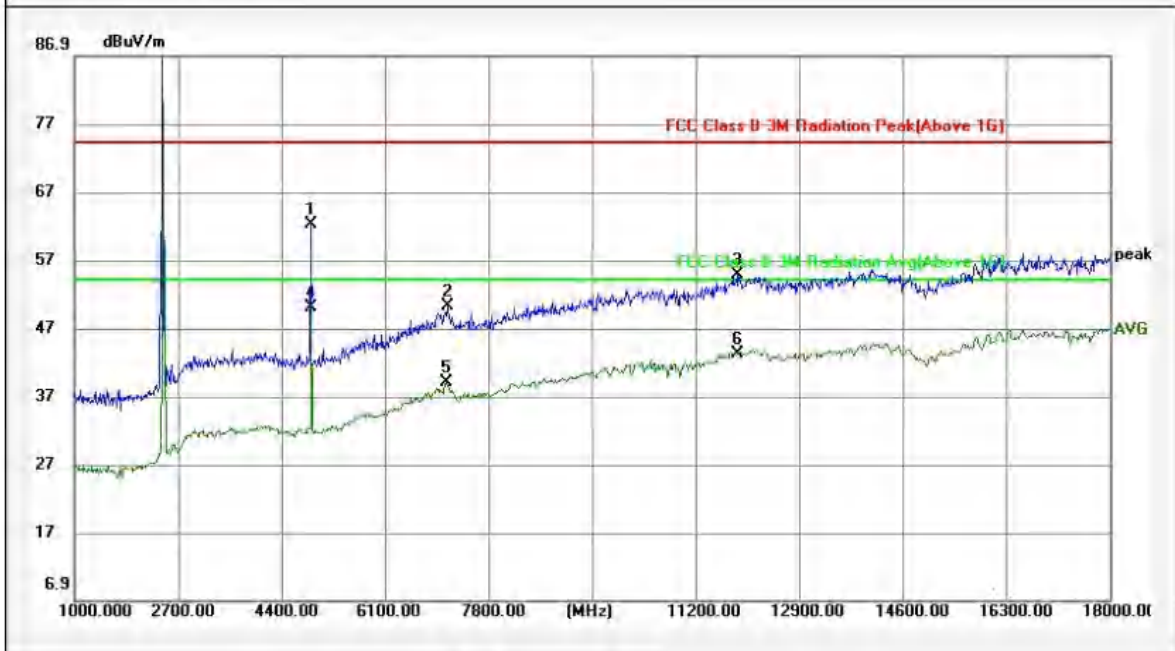
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	DH5-2441MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4876.000	1.16	61.12	62.28	74.00	-11.72	peak		
2	7120.000	8.75	41.48	50.23	74.00	-23.77	peak		
3	11880.000	14.81	39.97	54.78	74.00	-19.22	peak		
4	4893.000	1.17	48.75	49.92	54.00	-4.08	AVG	*	
5	7103.000	8.74	30.23	38.97	54.00	-15.03	AVG		
6	11880.000	14.81	28.45	43.26	54.00	-10.74	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#3





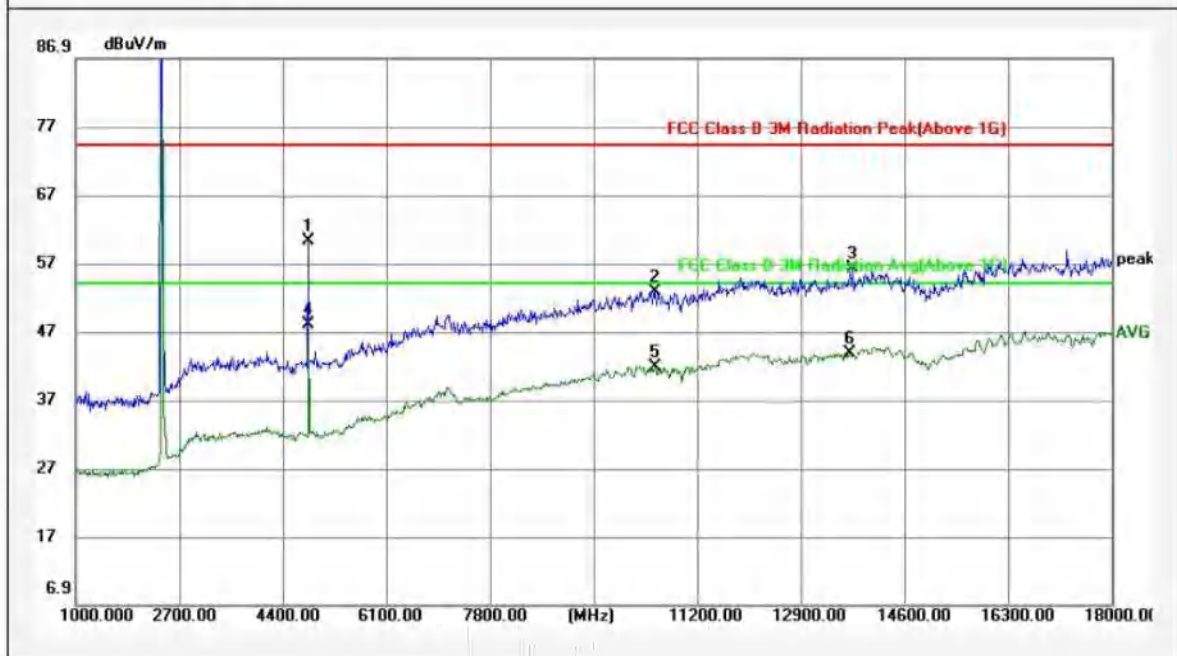
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4808.000	1.18	59.04	60.22	74.00	-13.78	peak		
2	10503.000	12.10	40.70	52.80	74.00	-21.20	peak		
3	13750.000	15.74	40.48	56.22	74.00	-17.78	peak		
4	4825.000	1.18	46.89	48.07	54.00	-5.93	AVG	*	
5	10503.000	12.10	29.64	41.74	54.00	-12.26	AVG		
6	13699.000	15.73	28.13	43.86	54.00	-10.14	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSEData :#2





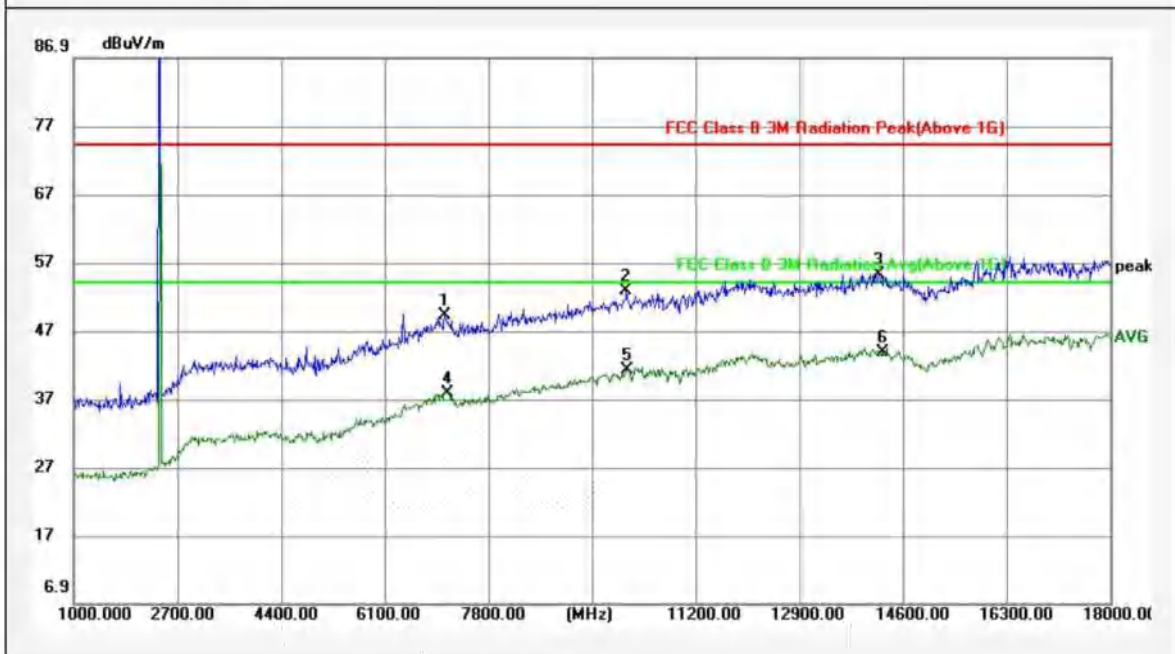
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	7086.000	8.75	40.42	49.17	74.00	-24.83	peak		
2	10061.000	11.34	41.52	52.86	74.00	-21.14	peak		
3	14209.000	15.23	40.07	55.30	74.00	-18.70	peak		
4	7120.000	8.75	29.10	37.85	54.00	-16.15	AVG		
5	10078.000	11.37	29.83	41.20	54.00	-12.80	AVG		
6	14260.000	15.10	28.67	43.77	54.00	-10.23	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSEIData :#1



Appendix A.8: Test Results of Radiated Emissions in Restricted Bands



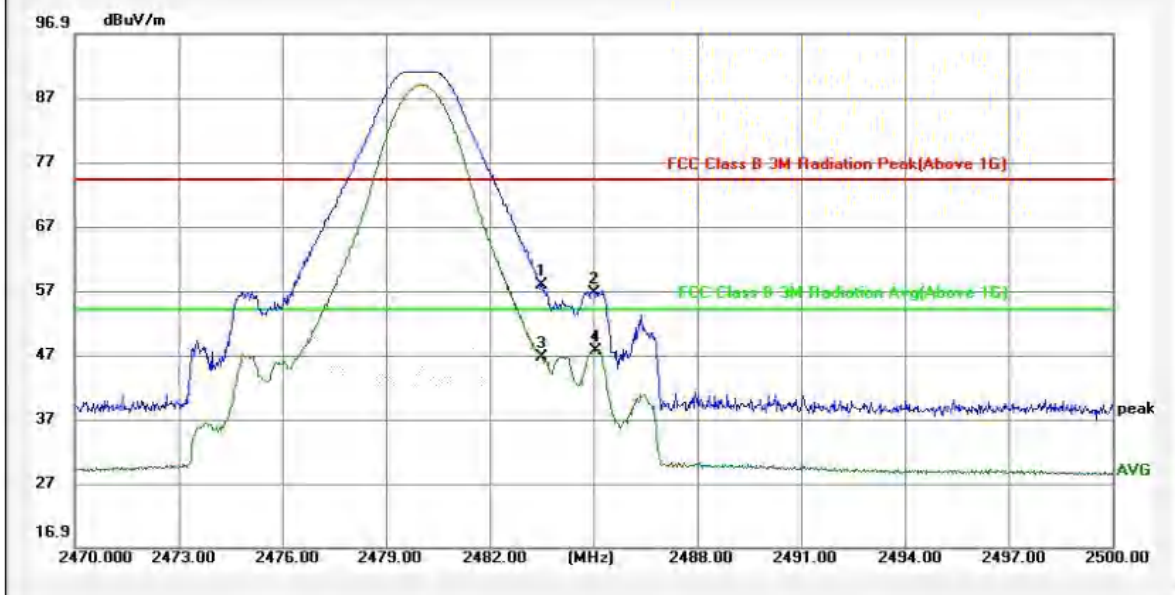
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	3DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2483.500	-2.96	60.83	57.87	74.00	-16.13	peak		
2	2485.000	-2.96	59.56	56.60	74.00	-17.40	peak		
3	2483.500	-2.96	49.55	46.59	54.00	-7.41	AVG		
4	2485.060	-2.96	50.50	47.54	54.00	-6.46	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin
File: OB1998-Band\Data :#12





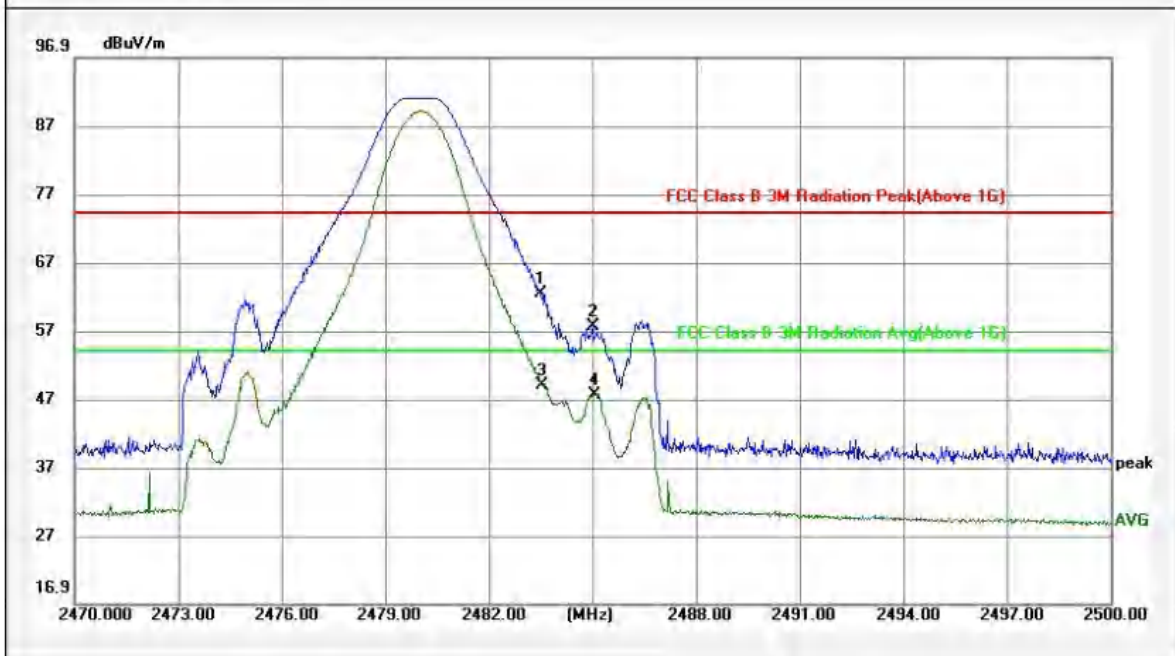
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	3DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2483.500	-2.96	65.30	62.34	74.00	-11.66	peak		
2	2485.000	-2.96	60.53	57.57	74.00	-16.43	peak		
3	2483.530	-2.96	51.88	48.92	54.00	-5.08	AVG	*	
4	2485.060	-2.96	50.54	47.58	54.00	-6.42	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-Band1Data :#11





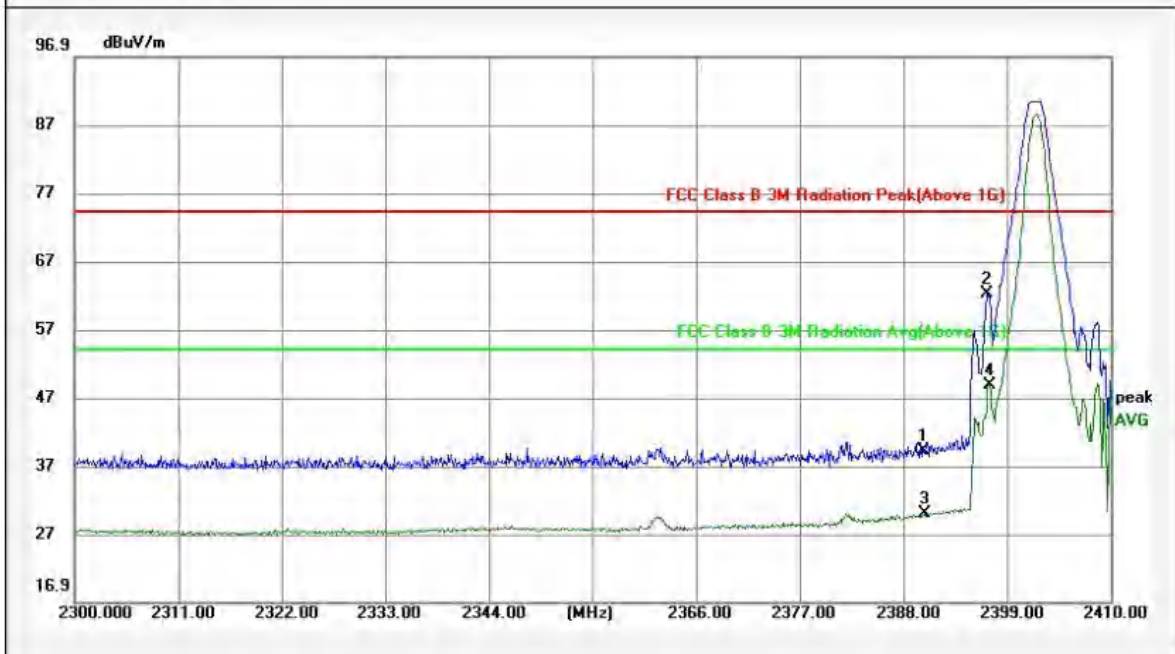
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	3DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2390.000	-3.37	42.60	39.23	74.00	-34.77	peak		
2	2396.800	-3.33	65.52	62.19	74.00	-11.81	peak		
3	2390.200	-3.37	33.32	29.95	54.00	-24.05	AVG		
4	2397.130	-3.33	52.16	48.83	54.00	-5.17	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-Band\Data :#10





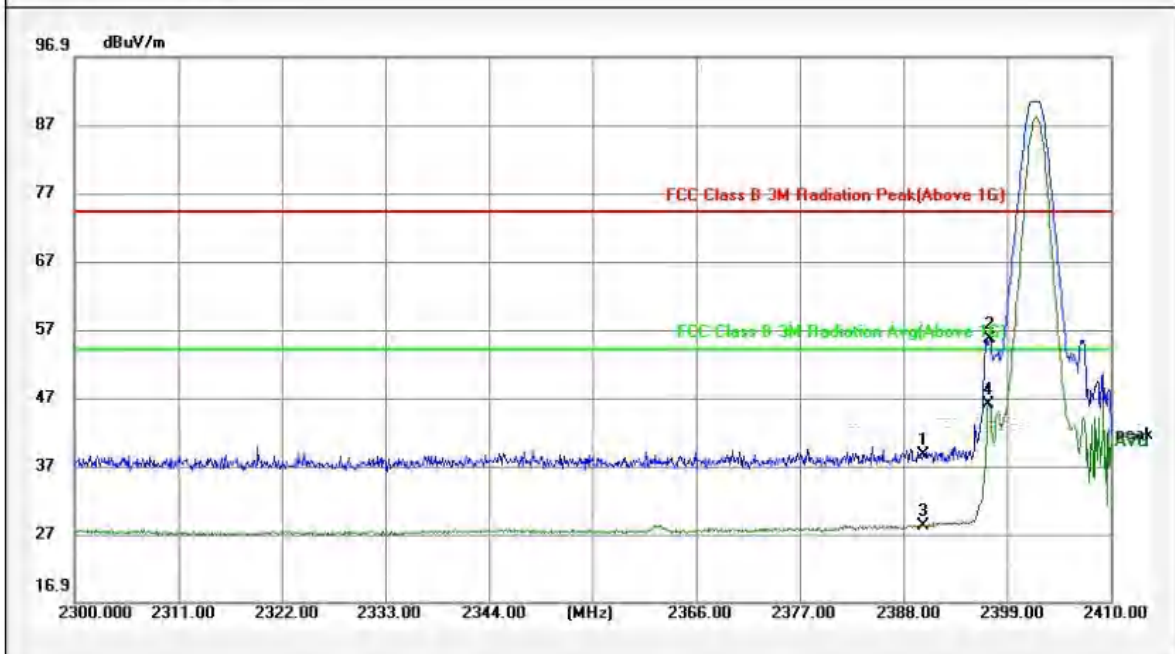
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	3DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2390.000	-3.37	41.93	38.56	74.00	-35.44	peak		
2	2397.130	-3.33	58.97	55.64	74.00	-18.36	peak		
3	2390.090	-3.37	31.55	28.18	54.00	-25.82	AVG		
4	2397.020	-3.33	49.27	45.94	54.00	-8.06	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-Band\Data :#9





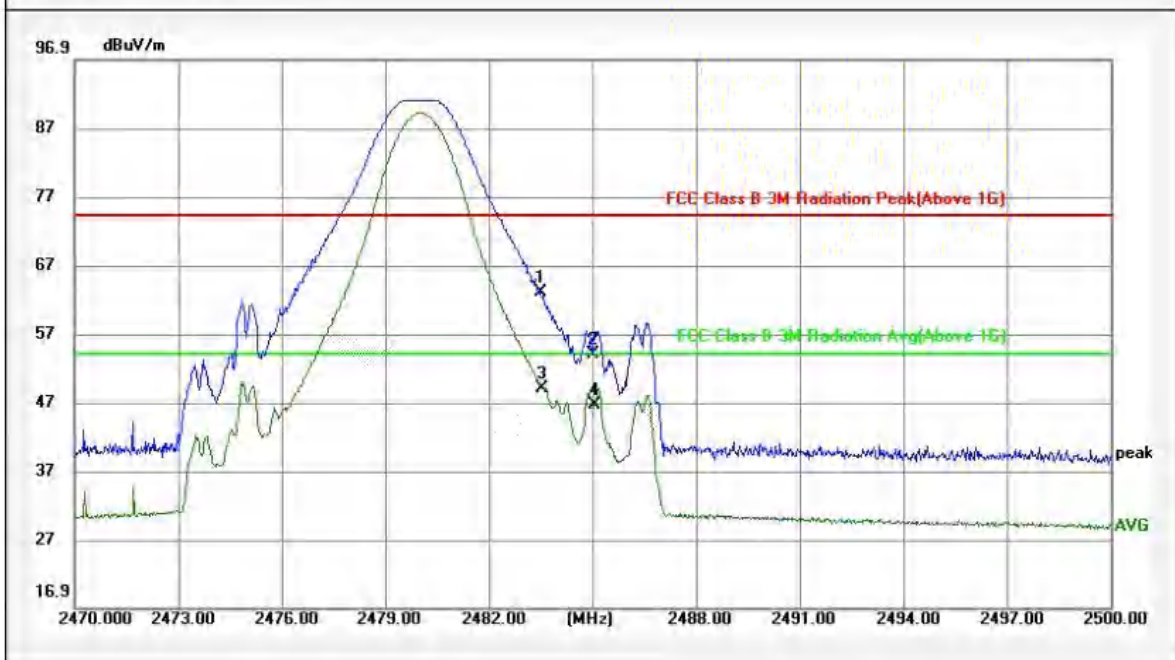
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2483.500	-2.96	65.87	62.91	74.00	-11.09	peak		
2	2485.000	-2.96	56.99	54.03	74.00	-19.97	peak		
3	2483.530	-2.96	52.00	49.04	54.00	-4.96	AVG	*	
4	2485.060	-2.96	49.61	46.65	54.00	-7.35	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-Band\Data :#8





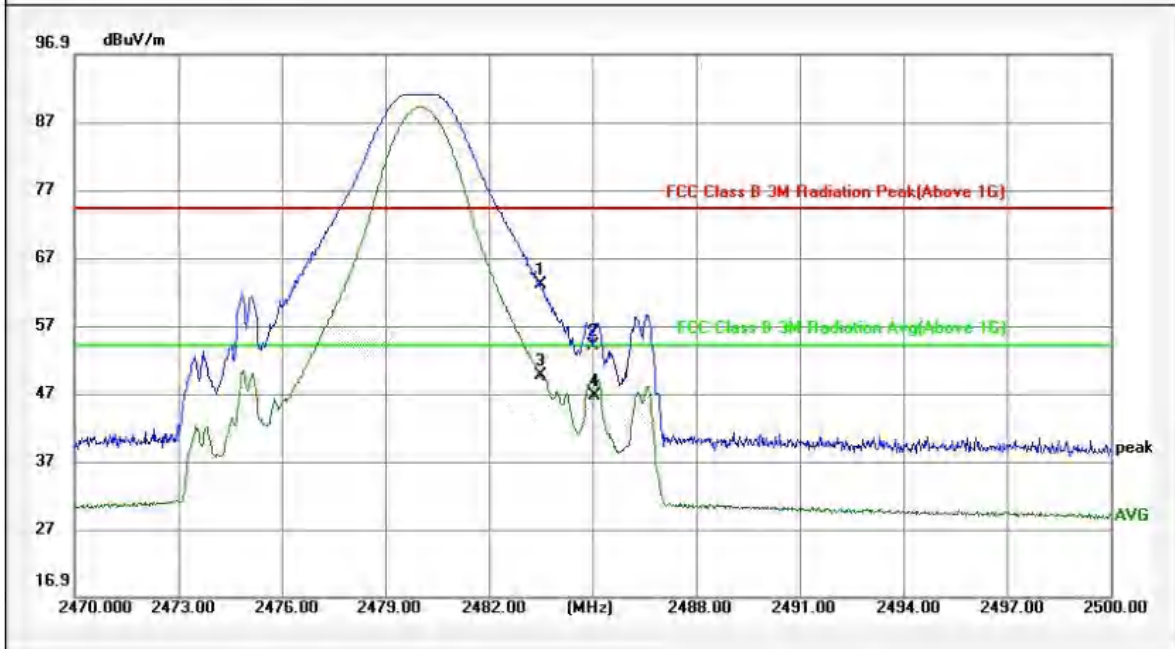
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2483.500	-2.96	65.87	62.91	74.00	-11.09	peak		
2	2485.000	-2.96	56.99	54.03	74.00	-19.97	peak		
3	2483.500	-2.96	52.49	49.53	54.00	-4.47	AVG	*	
4	2485.060	-2.96	49.61	46.65	54.00	-7.35	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK: *:Maximum data x:Over limit !:Over margin

File: OB1998-Band1Data :#7





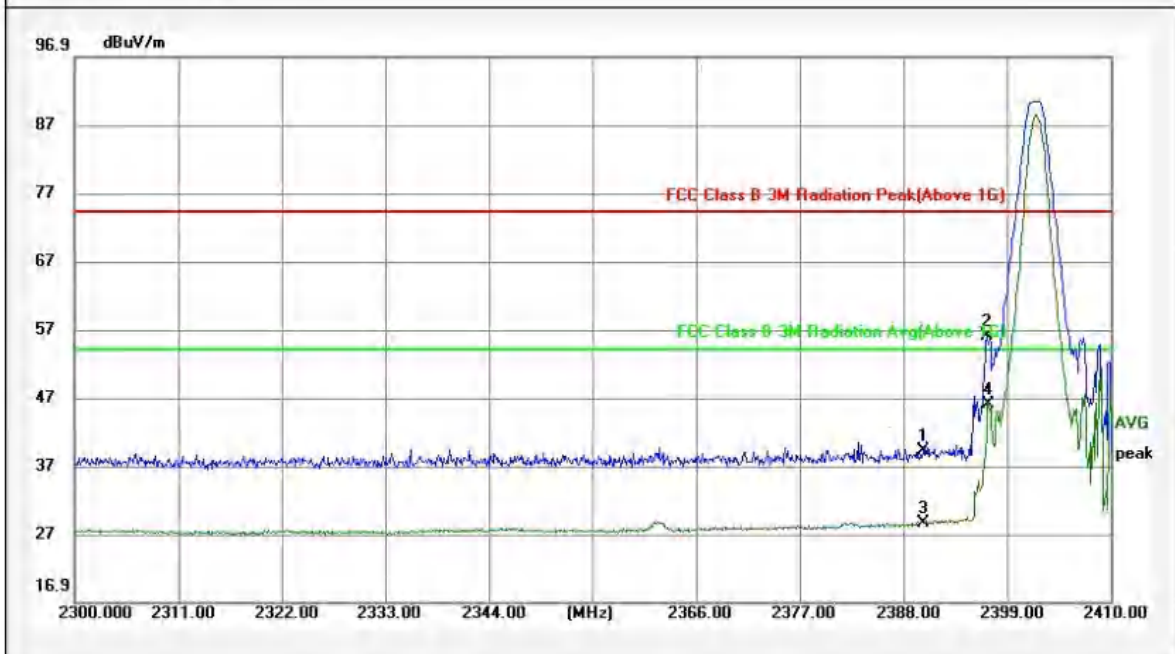
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2390.000	-3.37	42.64	39.27	74.00	-34.73	peak		
2	2396.800	-3.33	59.42	56.09	74.00	-17.91	peak		
3	2390.090	-3.37	31.99	28.62	54.00	-25.38	AVG		
4	2397.020	-3.33	49.37	46.04	54.00	-7.96	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-Band\Data :#6





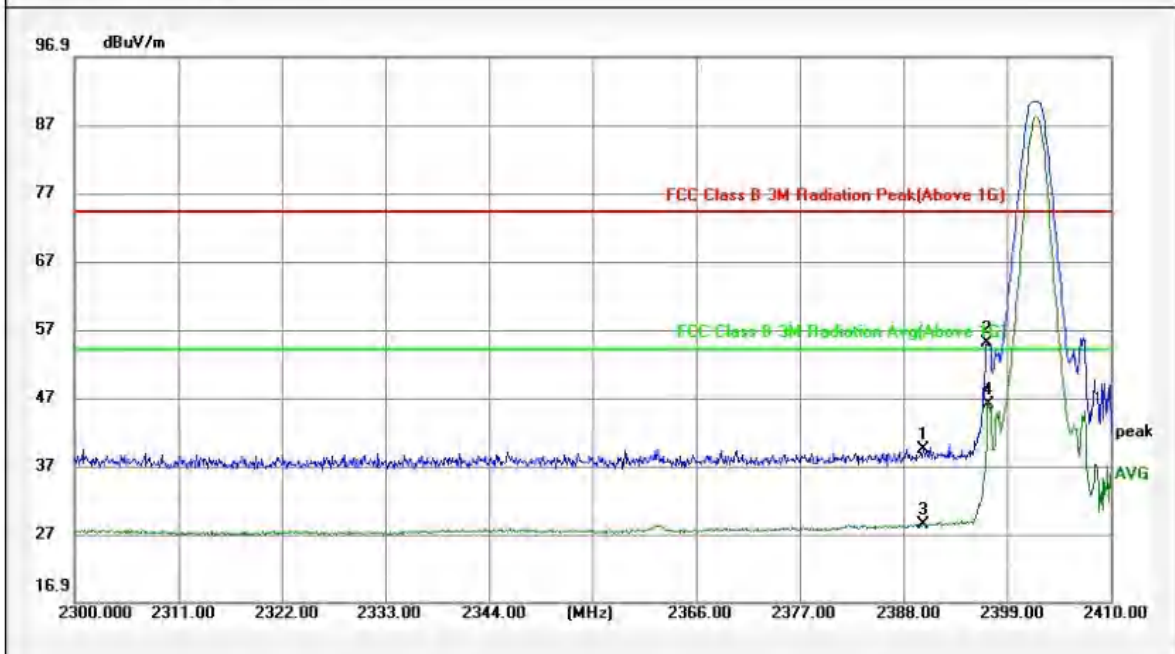
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2390.000	-3.37	42.82	39.45	74.00	-34.55	peak		
2	2396.800	-3.33	58.37	55.04	74.00	-18.96	peak		
3	2390.090	-3.37	31.72	28.35	54.00	-25.65	AVG		
4	2397.020	-3.33	49.40	46.07	54.00	-7.93	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-Band\Data :#5





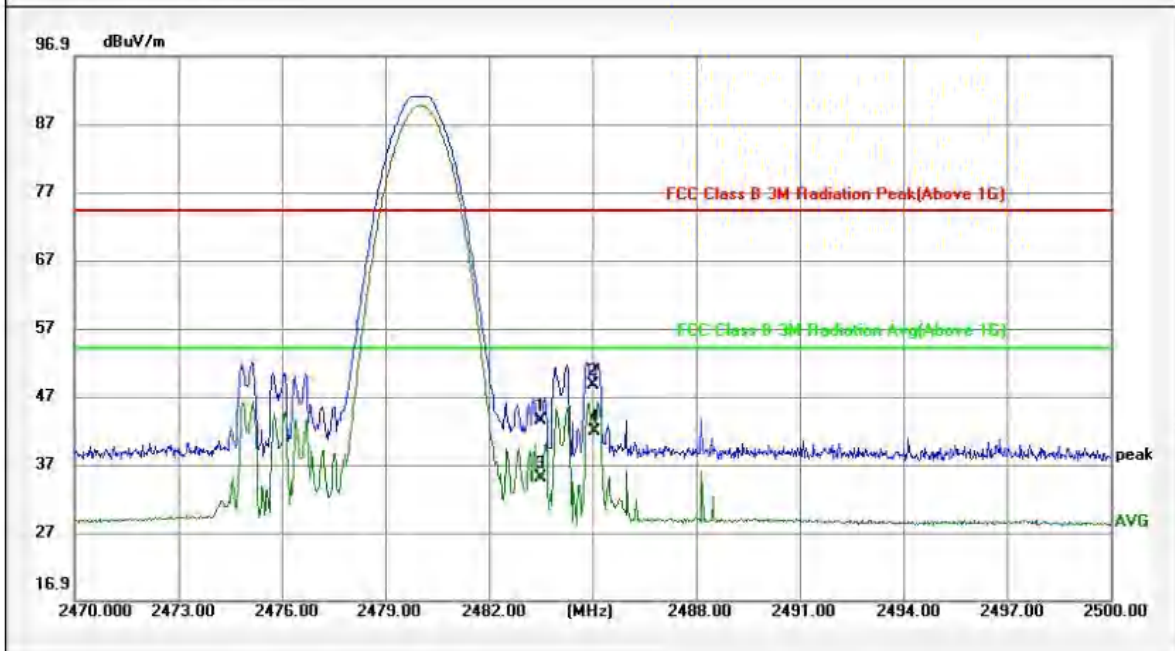
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2483.500	-2.96	46.30	43.34	74.00	-30.66	peak		
2	2485.000	-2.96	51.61	48.65	74.00	-25.35	peak		
3	2483.500	-2.96	38.02	35.06	54.00	-18.94	AVG		
4	2485.060	-2.96	44.71	41.75	54.00	-12.25	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-Band\Data :#4





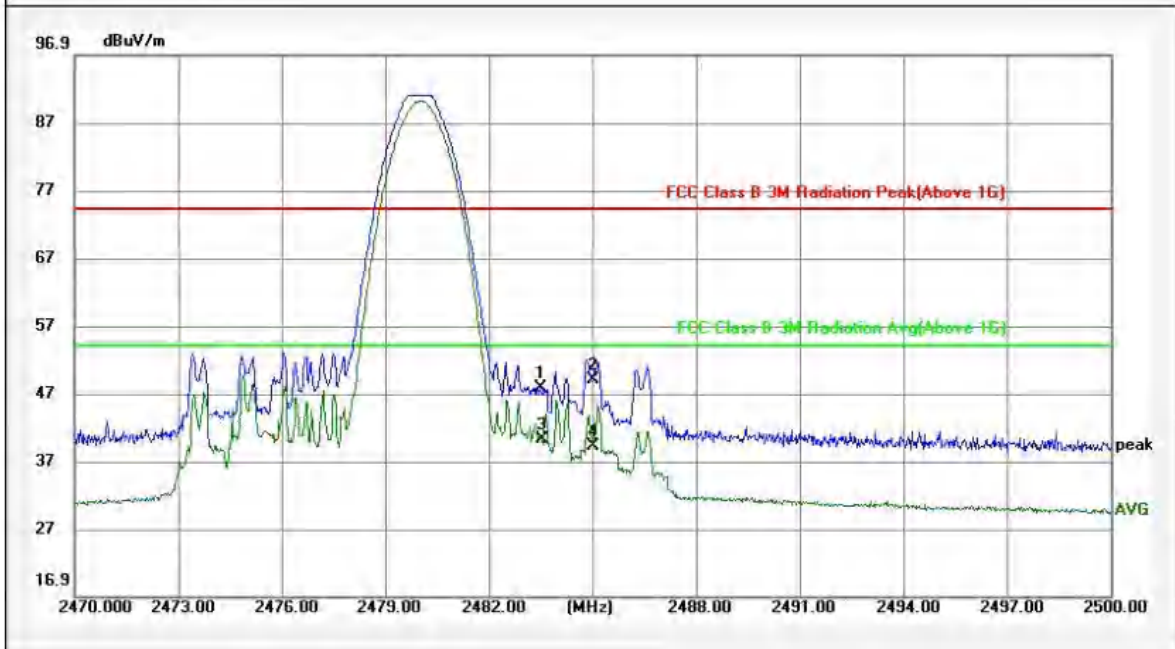
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	DH5-2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2483.500	-2.96	50.71	47.75	74.00	-26.25	peak		
2	2485.000	-2.96	51.92	48.96	74.00	-25.04	peak		
3	2483.530	-2.96	43.21	40.25	54.00	-13.75	AVG	*	
4	2485.000	-2.96	42.26	39.30	54.00	-14.70	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-Band1Data :#3





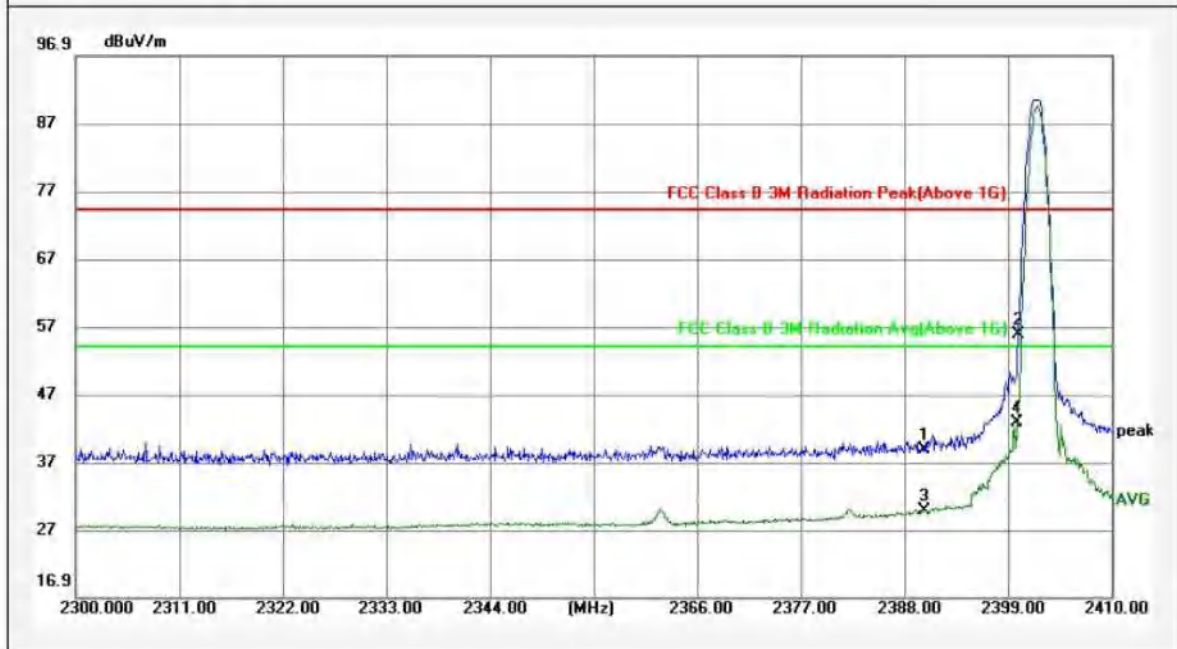
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2390.000	-3.37	42.21	38.84	74.00	-35.16	peak		
2	2400.000	-3.32	59.10	55.78	74.00	-18.22	peak		
3	2390.090	-3.37	33.10	29.73	54.00	-24.27	AVG		
4	2399.880	-3.32	46.07	42.75	54.00	-11.25	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-Band1Data :#2





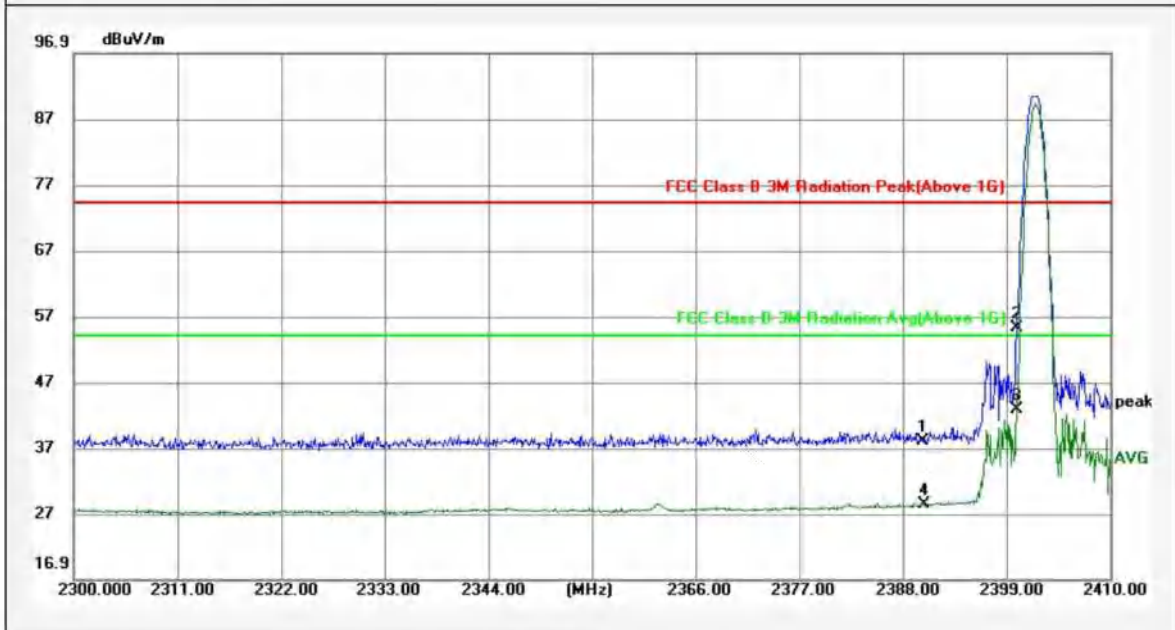
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	DH5-2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2390.000	-3.37	41.32	37.95	74.00	-36.05	peak		
2	2400.000	-3.32	58.58	55.26	74.00	-18.74	peak		
3	2400.100	-3.32	46.16	42.84	54.00	-11.16	AVG	*	
4	2390.200	-3.37	31.71	28.34	54.00	-25.66	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-Band1Data :#1





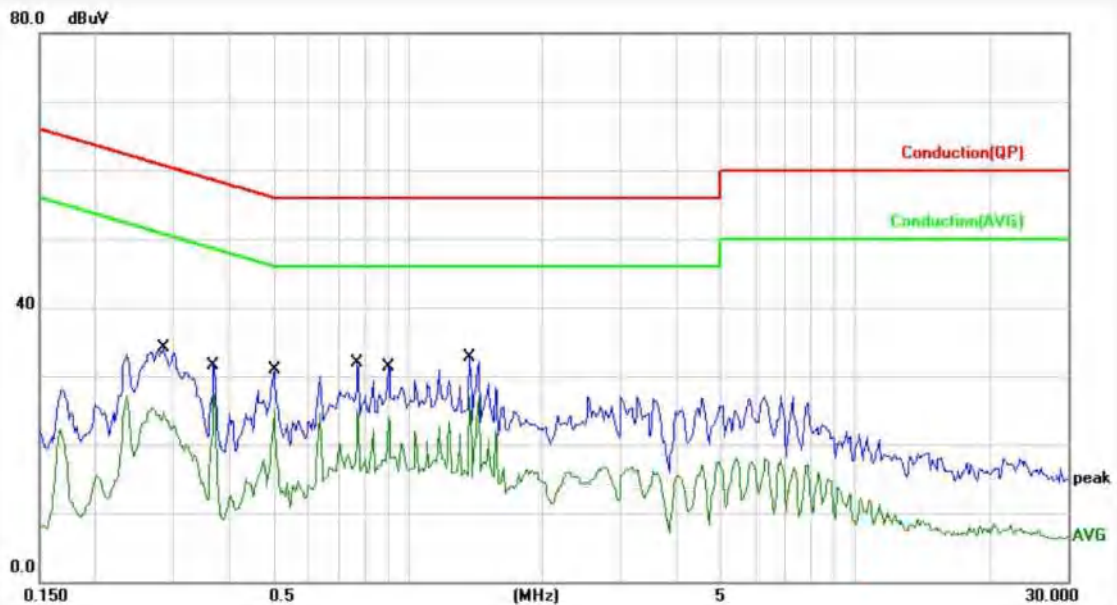
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Conduction Emission

Site:Shielded Room 1

2025/3/13

Job No.: LP24070228C05-01
Temp: 21.5(C) / 48 % / 1015 hpa
Test Standard: Conduction(QP)
Test Engineer: Lucas
EUT: Modern Wireless Headset
Power Rating: DC 5V
Model No.: 1) OB1998, 2) OB1970
Phase: N
Test Mode: Charging+BT
Remark: 1) Modern Wireless Headset, 2) Dongle



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2812	10.26	20.90	31.16	60.78	-29.62	QP	P	
2	0.2812	10.26	13.22	23.48	50.78	-27.30	AVG	P	
3	0.3690	10.29	18.26	28.55	58.52	-29.97	QP	P	
4	0.3690	10.29	17.20	27.49	48.52	-21.03	AVG	P	
5	0.5036	10.32	17.53	27.85	56.00	-28.15	QP	P	
6	0.5036	10.32	14.73	25.05	46.00	-20.95	AVG	P	
7	0.7741	10.39	18.58	28.97	56.00	-27.03	QP	P	
8	0.7741	10.39	14.74	25.13	46.00	-20.87	AVG	P	
9	0.9081	10.43	17.96	28.39	56.00	-27.61	QP	P	
10	0.9081	10.43	13.53	23.96	46.00	-22.04	AVG	P	
11	1.3744	10.47	19.17	29.64	56.00	-26.36	QP	P	
12	1.3744	10.47	16.42	26.89	46.00	-19.11	AVG	P	

Note: Level=Reading+Factor.

Margin=Level-Limit.

File:1) OB1998, 2) OB1970#2





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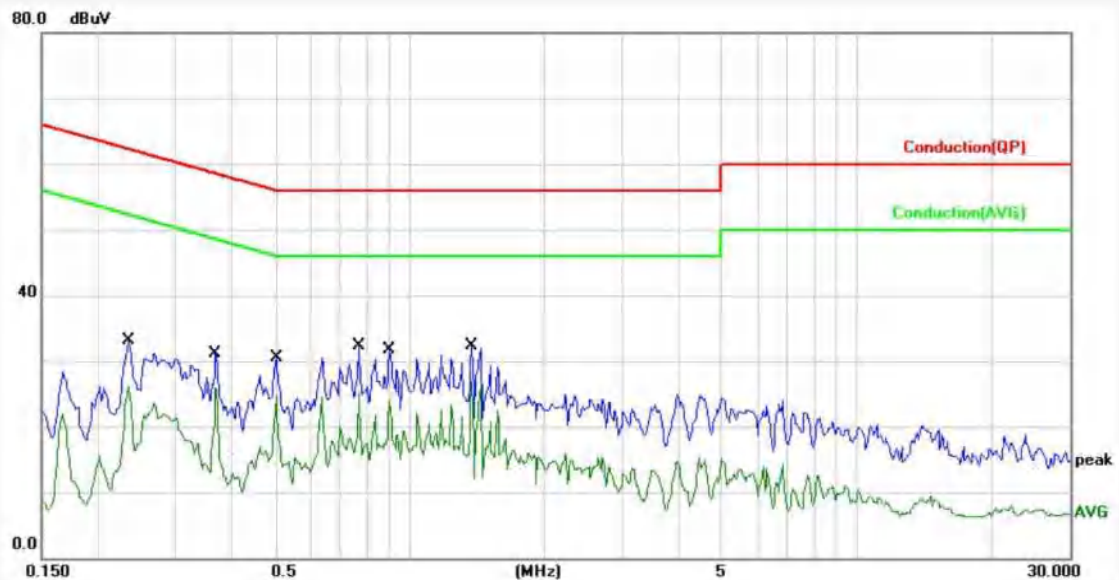
Conduction Emission

Site:Shielded Room 1

2025/3/13

Job No.: LP24070228C05-01
Test Standard: Conduction(QP)
EUT: Modern Wireless Headset
Model No.: 1) OB1998, 2) OB1970
Test Mode: Charging+BT
Remark: 1) Modern Wireless Headset, 2) Dongle

Temp: 21.5(C) / 48 % / 1015 hpa
Test Engineer: Lucas
Power Rating: DC 5V
Phase: L1



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2343	10.20	19.98	30.18	62.30	-32.12	QP	P	
2	0.2343	10.20	15.97	26.17	52.30	-26.13	AVG	P	
3	0.3690	10.25	17.78	28.03	58.52	-30.49	QP	P	
4	0.3690	10.25	15.57	25.82	48.52	-22.70	AVG	P	
5	0.5036	10.29	17.28	27.57	56.00	-28.43	QP	P	
6	0.5036	10.29	14.36	24.65	46.00	-21.35	AVG	P	
7	0.7681	10.38	18.91	29.29	56.00	-26.71	QP	P	
8	0.7681	10.38	14.68	25.06	46.00	-20.94	AVG	P	
9	0.9010	10.43	18.20	28.63	56.00	-27.37	QP	P	
10	0.9010	10.43	13.38	23.81	46.00	-22.19	AVG	P	
11	1.3744	10.48	18.90	29.38	56.00	-26.62	QP	P	
12	1.3744	10.48	16.41	26.89	46.00	-19.11	AVG	P	

Note: Level=Reading+Factor.

Margin=Level-Limit.

File:1) OB1998, 2) OB1970\#1



Appendix B: Test Results of Bluetooth Low Energy

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

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.41	≤8.00	PASS
BLE_1M	Ant1	2440	-13.04	≤8.00	PASS
BLE_1M	Ant1	2480	-14.40	≤8.00	PASS
BLE_2M	Ant1	2402	-17.11	≤8.00	PASS
BLE_2M	Ant1	2440	-14.73	≤8.00	PASS
BLE_2M	Ant1	2480	-15.07	≤8.00	PASS



BLE_1M-Ant1-2402-PASS



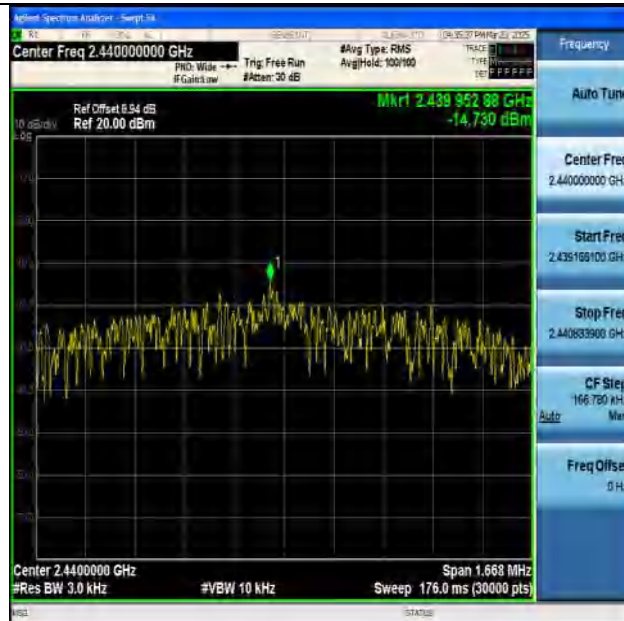
BLE_1M-Ant1-2440-PASS



BLE 1M-Ant1-2480-PASS



BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



BLE 2M-Ant1-2480-PASS

Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.680	2401.656	2402.336	0.5	PASS
BLE_1M	Ant1	2440	0.624	2439.680	2440.304	0.5	PASS
BLE_1M	Ant1	2480	0.680	2479.656	2480.336	0.5	PASS
BLE_2M	Ant1	2402	1.084	2401.440	2402.524	0.5	PASS
BLE_2M	Ant1	2440	1.076	2439.460	2440.536	0.5	PASS
BLE_2M	Ant1	2480	1.064	2479.460	2480.524	0.5	PASS



BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2440-PASS



BLE 1M-Ant1-2480-PASS



BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



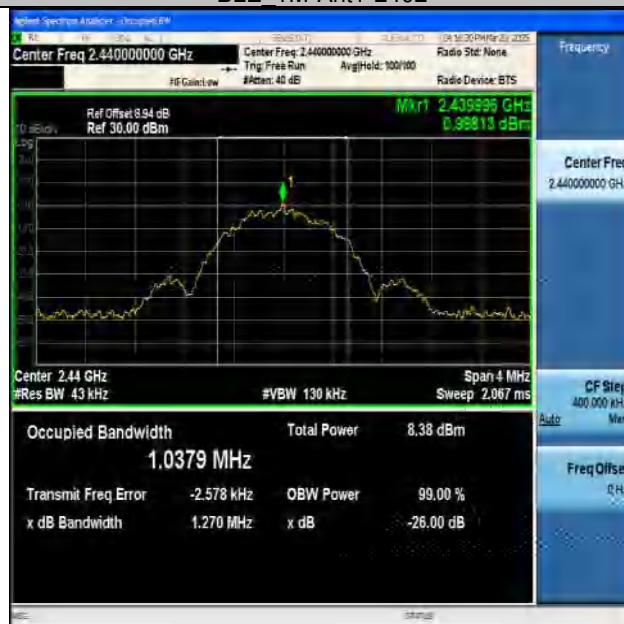
BLE 2M-Ant1-2480-PASS

Appendix B.3: Test Results of 99% Bandwidth

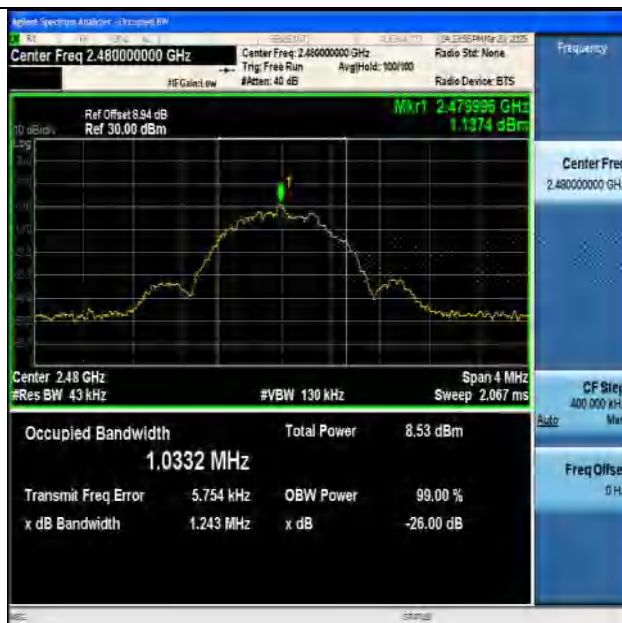
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0345	2401.4826	2402.5171	---	---
BLE_1M	Ant1	2440	1.0379	2439.4785	2440.5164	---	---
BLE_1M	Ant1	2480	1.0332	2479.4892	2480.5224	---	---
BLE_2M	Ant1	2402	2.0743	2400.9777	2403.0520	---	---
BLE_2M	Ant1	2440	2.0670	2438.9806	2441.0476	---	---
BLE_2M	Ant1	2480	2.0572	2478.9873	2481.0445	---	---



BLE_1M-Ant1-2402



BLE_1M-Ant1-2440



BLE 1M-Ant1-2480



BLE 2M-Ant1-2402



BLE 2M-Ant1-2440

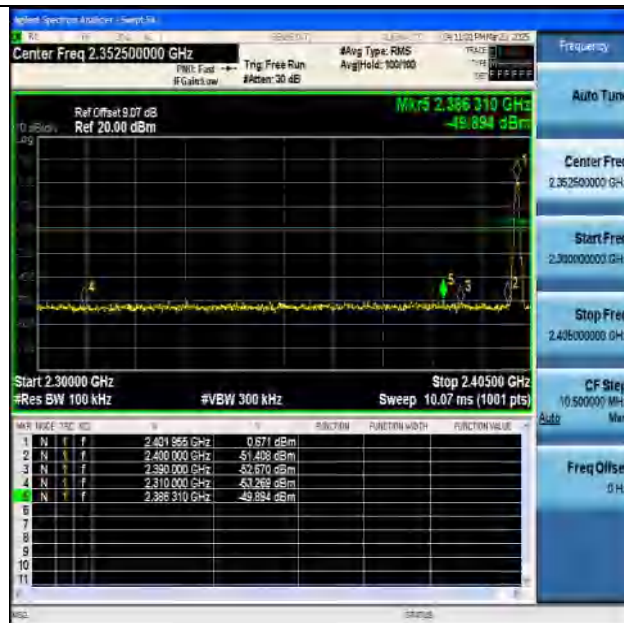


BLE 2M-Ant1-2480

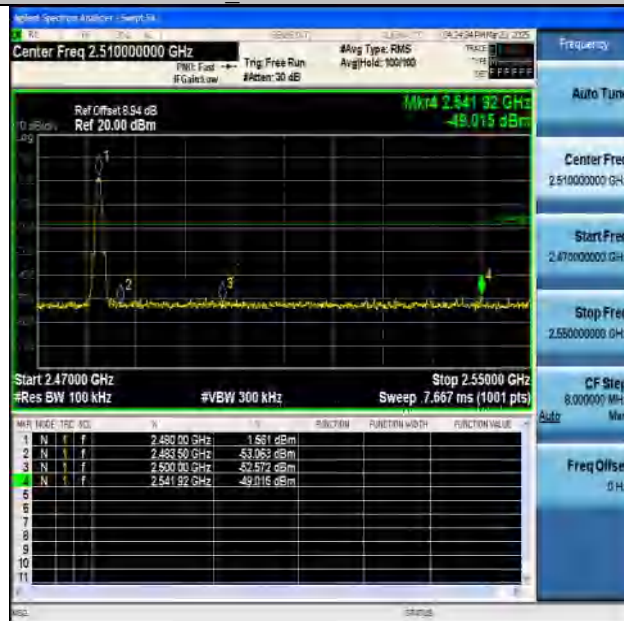
Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

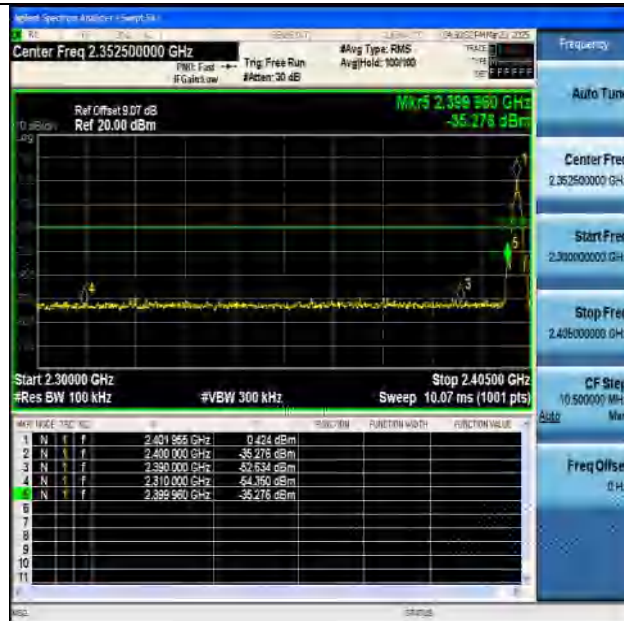
TestMode	Antenna	ChName	Frequency[M Hz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.67	-49.89	≤-19.33	PASS
BLE_1M	Ant1	High	2480	1.56	-49.02	≤-18.44	PASS
BLE_2M	Ant1	Low	2402	0.42	-35.28	≤-19.58	PASS
BLE_2M	Ant1	High	2480	-0.40	-49.48	≤-20.4	PASS



BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2480-PASS



BLE 2M-Ant1-2402-PASS



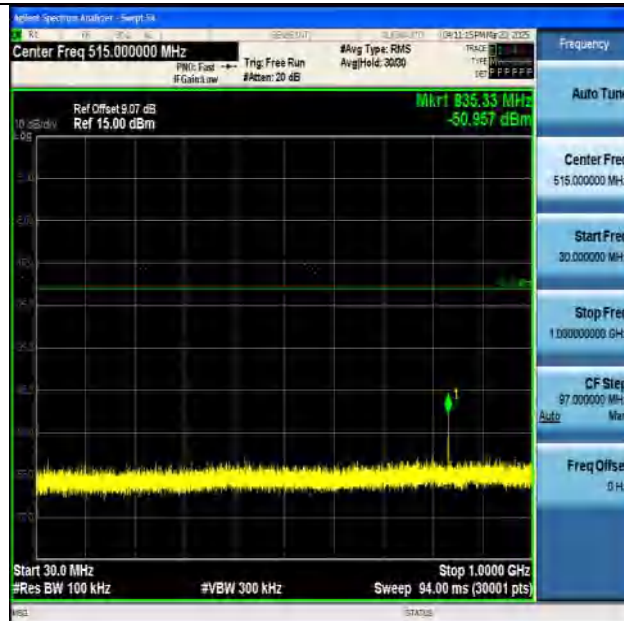
BLE 2M-Ant1-2480-PASS

Conducted Spurious Emission

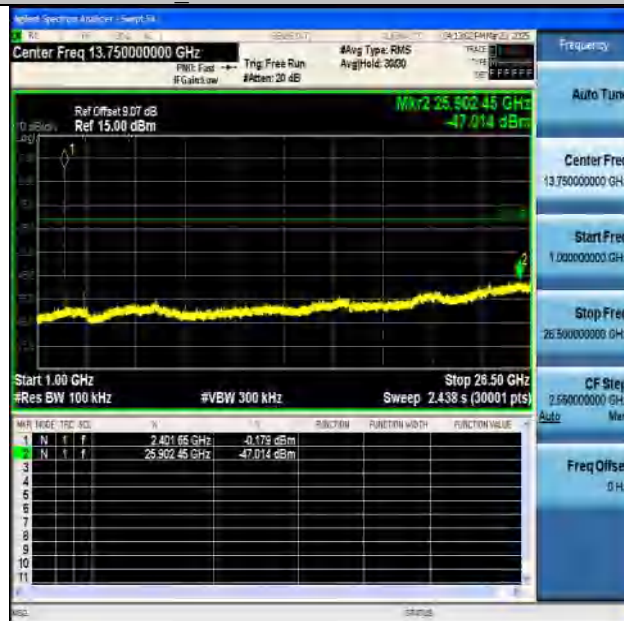
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.11	-1.11	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.11	-50.96	≤-21.11	PASS
BLE_1M	Ant1	2402	1000~26500	-1.11	-47.01	≤-21.11	PASS
BLE_1M	Ant1	2440	0~Reference	-1.23	-1.23	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.23	-48.56	≤-21.23	PASS
BLE_1M	Ant1	2440	1000~26500	-1.23	-47.36	≤-21.23	PASS
BLE_1M	Ant1	2480	0~Reference	-0.20	-0.20	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.20	-53.21	≤-20.2	PASS
BLE_1M	Ant1	2480	1000~26500	-0.20	-47.39	≤-20.2	PASS
BLE_2M	Ant1	2402	0~Reference	-0.84	-0.84	---	PASS
BLE_2M	Ant1	2402	30~1000	-0.84	-49.85	≤-20.84	PASS
BLE_2M	Ant1	2402	1000~26500	-0.84	-47.29	≤-20.84	PASS
BLE_2M	Ant1	2440	0~Reference	0.41	0.41	---	PASS
BLE_2M	Ant1	2440	30~1000	0.41	-60.63	≤-19.59	PASS
BLE_2M	Ant1	2440	1000~26500	0.41	-47.24	≤-19.59	PASS
BLE_2M	Ant1	2480	0~Reference	-0.66	-0.66	---	PASS
BLE_2M	Ant1	2480	30~1000	-0.66	-60.5	≤-20.66	PASS
BLE_2M	Ant1	2480	1000~26500	-0.66	-47.28	≤-20.66	PASS



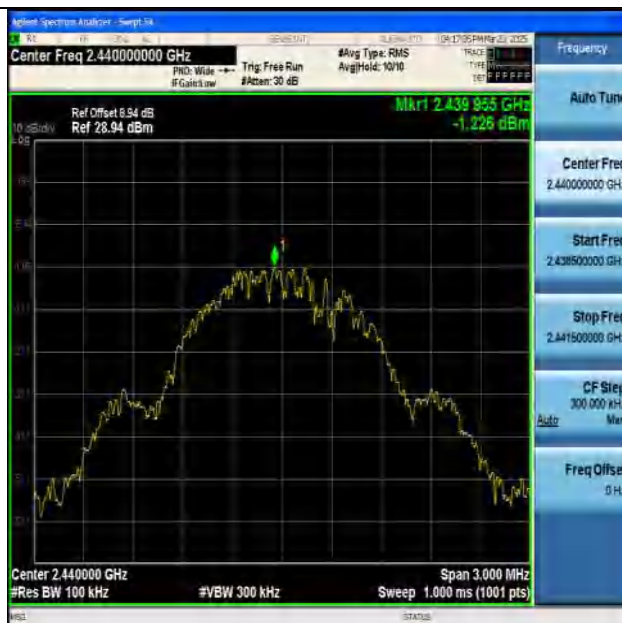
BLE_1M-Ant1-2402-0~Reference-PASS



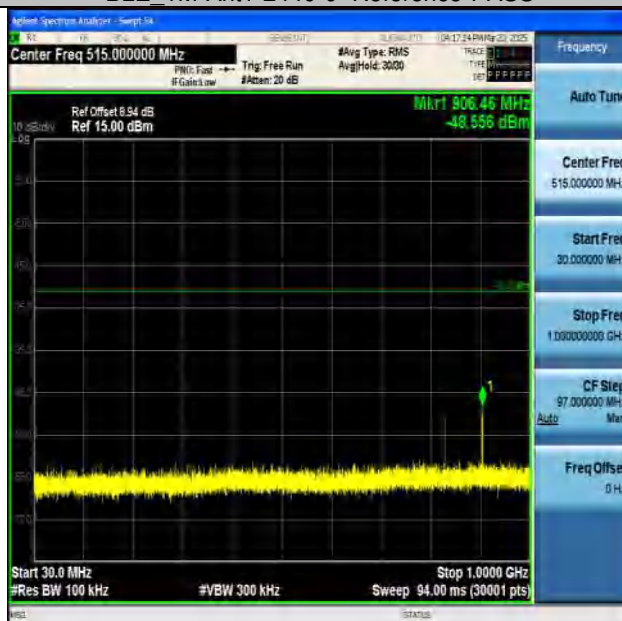
BLE 1M-Ant1-2402-30~1000-PASS



BLE 1M-Ant1-2402-1000~26500-PASS



BLE_1M-Ant1-2440-0~Reference-PASS



BLE_1M-Ant1-2440-30~1000-PASS



BLE_1M-Ant1-2440-1000~26500-PASS



BLE_1M-Ant1-2480-0~Reference-PASS



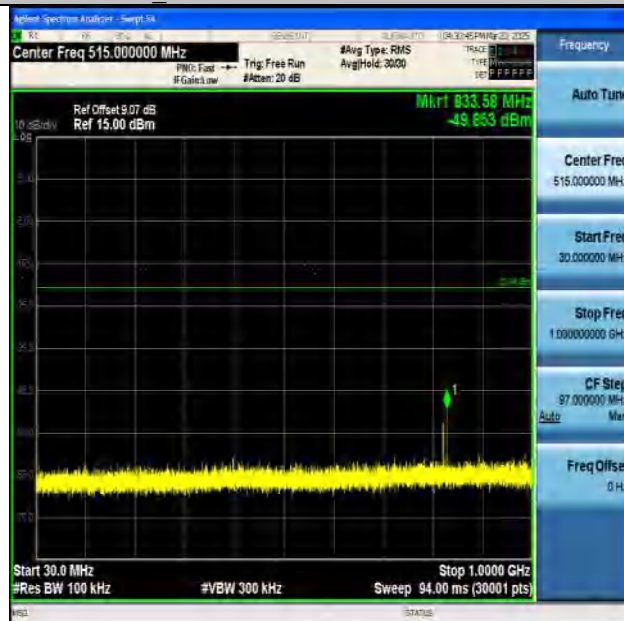
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BLE 1M-Ant1-2480-1000~26500-PASS



BLE_2M-Ant1-2402-0~Reference-PASS



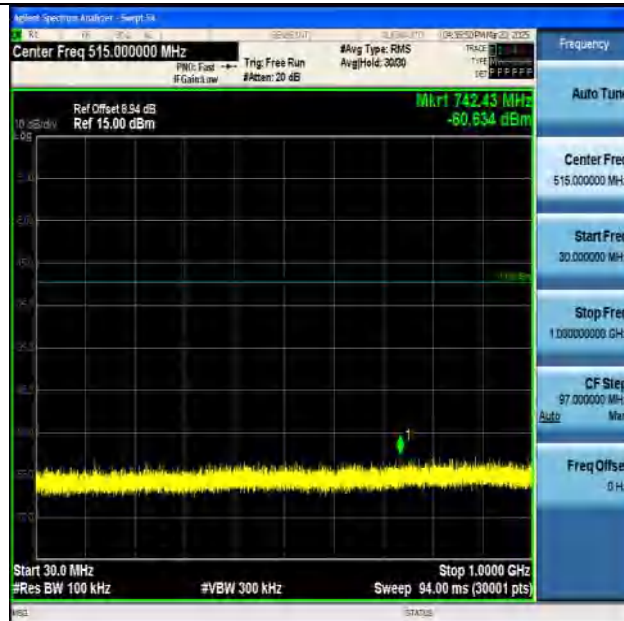
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BLE_2M-Ant1-2402-1000~26500-PASS



BLE_2M-Ant1-2440-0~Reference-PASS



BLE 2M-Ant1-2440-30~1000-PASS



BLE 2M-Ant1-2440-1000~26500-PASS



BLE_2M-Ant1-2480-0~Reference-PASS



BLE_2M-Ant1-2480-30~1000-PASS



BLE_2M-Ant1-2480-1000~26500-PASS

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



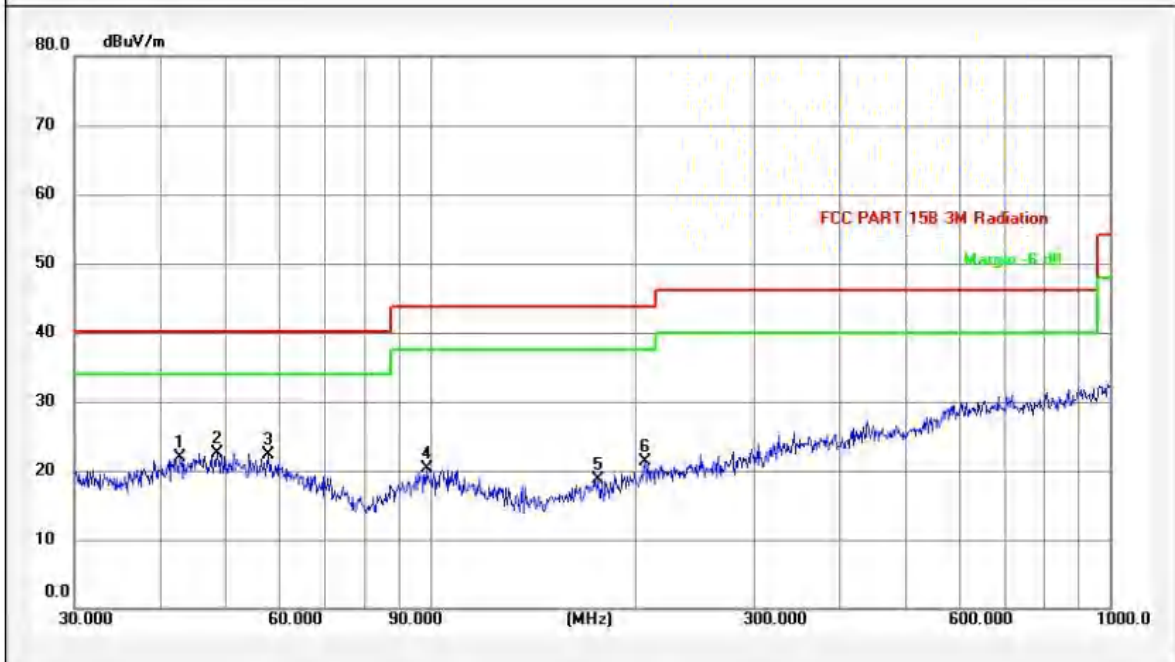
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	42.8997	13.57	8.27	21.84	40.00	-18.16	QP		
2	48.6719	13.85	8.73	22.58	40.00	-17.42	QP	*	
3	57.7961	12.87	9.50	22.37	40.00	-17.63	QP		
4	98.8324	11.43	8.93	20.36	43.50	-23.14	QP		
5	176.8874	9.94	8.85	18.79	43.50	-24.71	QP		
6	207.1225	11.92	9.44	21.36	43.50	-22.14	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.*:Maximum data x:Over limit !:Over margin

File: 30-1GIData :#6





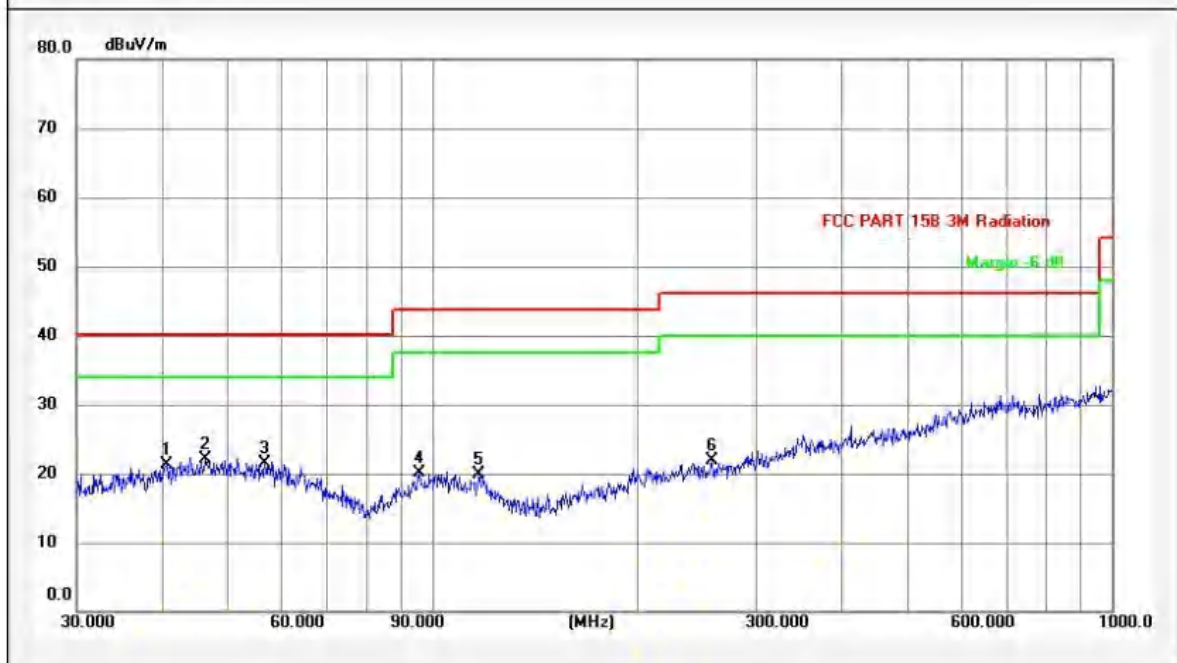
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	40.7014	13.00	8.23	21.23	40.00	-18.77	QP		
2	46.5030	14.01	8.08	22.09	40.00	-17.91	QP	*	
3	56.7916	12.98	8.60	21.58	40.00	-18.42	QP		
4	95.7622	10.86	9.29	20.15	43.50	-23.35	QP		
5	117.3602	10.51	9.40	19.91	43.50	-23.59	QP		
6	258.3263	12.69	9.27	21.96	46.00	-24.04	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.*:Maximum data x:Over limit !:Over margin

File: 30-1GIData :#5





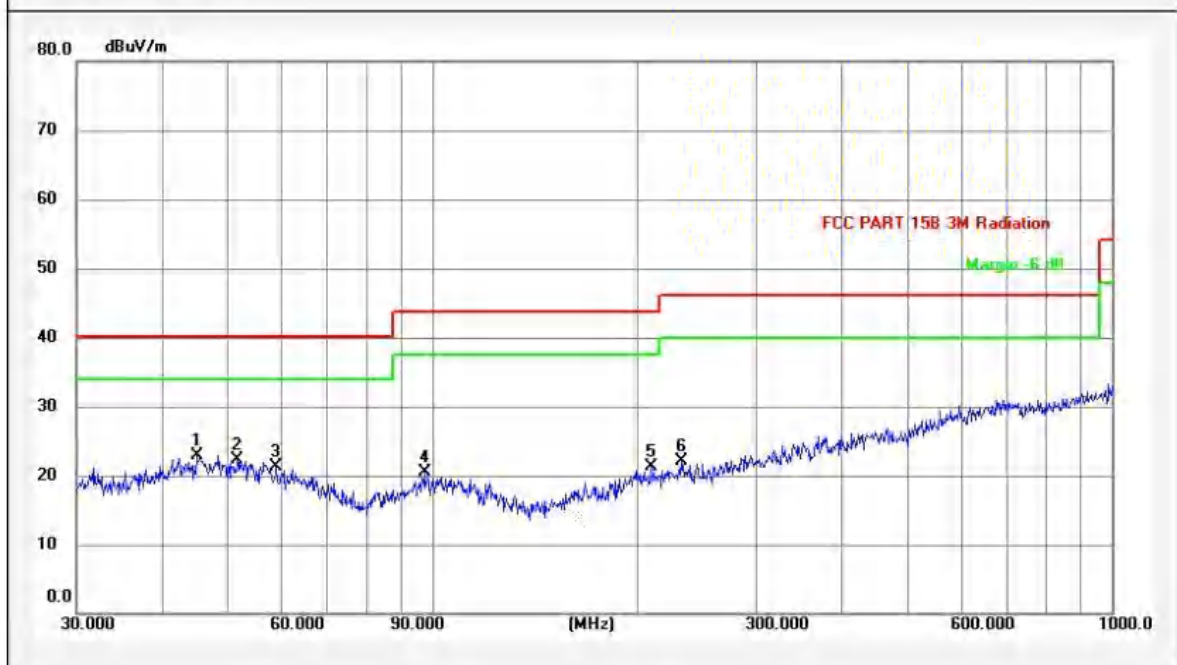
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2440MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	45.0583	14.13	8.69	22.82	40.00	-17.18	QP	*	
2	51.6613	13.56	8.75	22.31	40.00	-17.69	QP		
3	59.0251	12.74	8.62	21.36	40.00	-18.64	QP		
4	97.4556	11.17	9.34	20.51	43.50	-22.99	QP		
5	210.0481	11.94	9.27	21.21	43.50	-22.29	QP		
6	232.5318	12.12	9.95	22.07	46.00	-23.93	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.*:Maximum data x:Over limit !:Over margin

File: 30-1GIData :#4





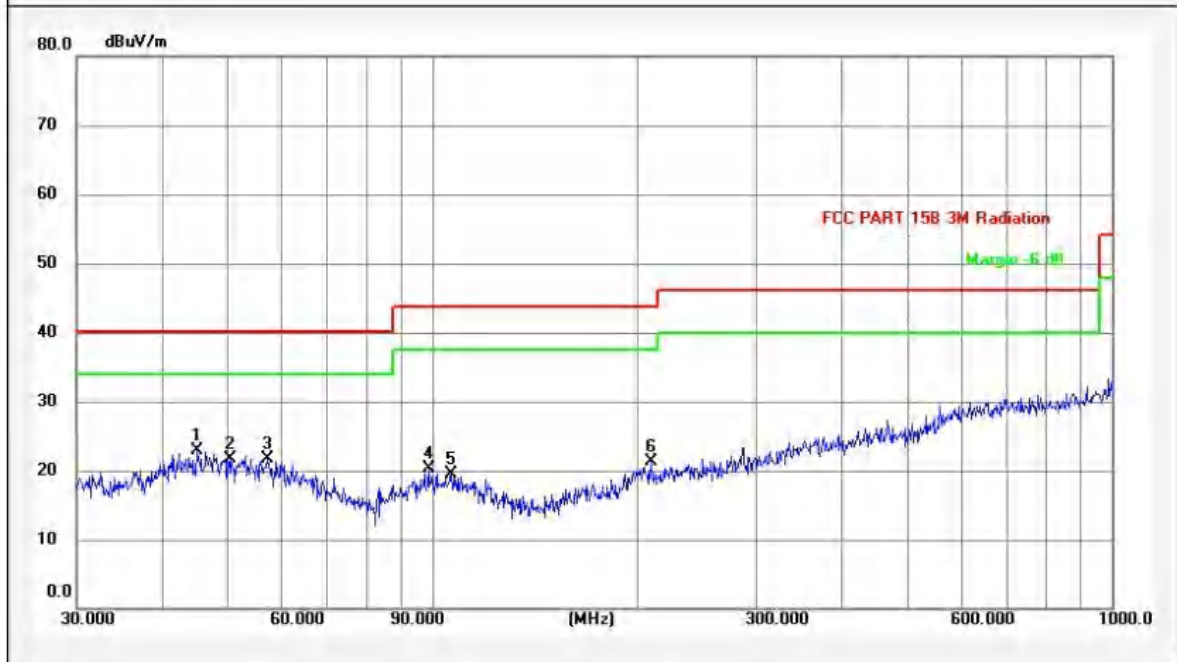
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Avenue, Houjie, Dongguan, Guangdong, China
Tel.: +86 769 8308 6888 Http://www.lepont.com.cn

Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2440MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	45.0583	14.13	8.69	22.82	40.00	-17.18	QP	*	
2	50.5859	13.68	7.96	21.64	40.00	-18.36	QP		
3	57.1914	12.94	8.76	21.70	40.00	-18.30	QP		
4	98.8324	11.43	8.79	20.22	43.50	-23.28	QP		
5	106.7587	11.20	8.39	19.59	43.50	-23.91	QP		
6	210.0481	11.94	9.27	21.21	43.50	-22.29	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.*:Maximum data x:Over limit !:Over margin

File: 30-1G\data :#3





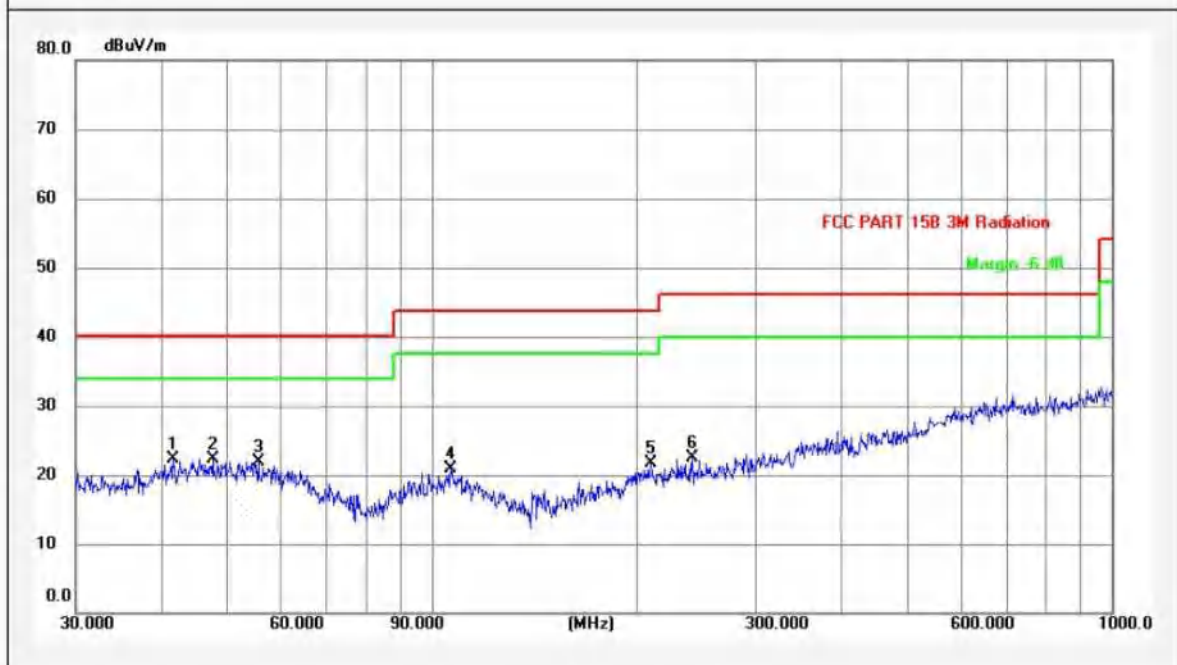
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	41.7129	13.27	9.09	22.36	40.00	-17.64	QP	*	
2	47.6584	13.92	8.39	22.31	40.00	-17.69	QP		
3	55.6092	13.11	8.83	21.94	40.00	-18.06	QP		
4	106.7587	11.20	9.72	20.92	43.50	-22.58	QP		
5	210.0481	11.94	9.76	21.70	43.50	-21.80	QP		
6	241.6759	12.37	10.09	22.46	46.00	-23.54	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin
File: 30-1GIData :#2





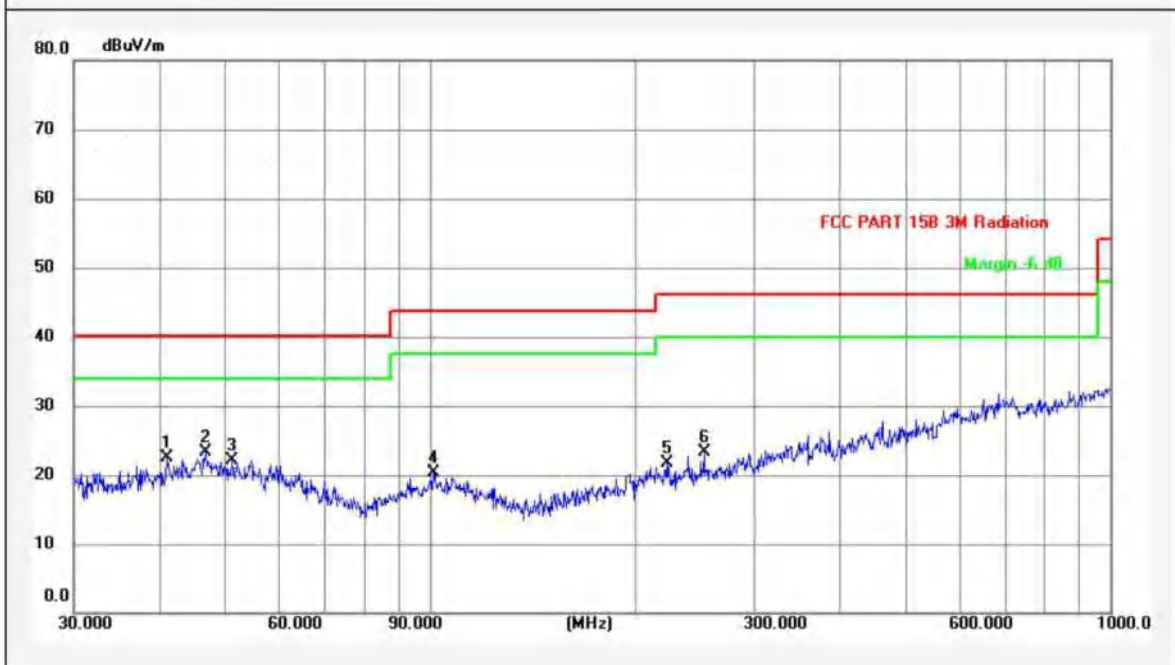
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC PART 15B 3M Radiation	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	41.1319	13.11	9.48	22.59	40.00	-17.41	QP		
2	46.8301	13.98	9.24	23.22	40.00	-16.78	QP	*	
3	51.1208	13.62	8.56	22.18	40.00	-17.82	QP		
4	101.2883	11.56	8.73	20.29	43.50	-23.21	QP		
5	222.9500	12.04	9.66	21.70	46.00	-24.30	QP		
6	252.9481	12.34	10.93	23.27	46.00	-22.73	QP		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.*:Maximum data x:Over limit !:Over margin

File: 30-1G\data :#1



1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

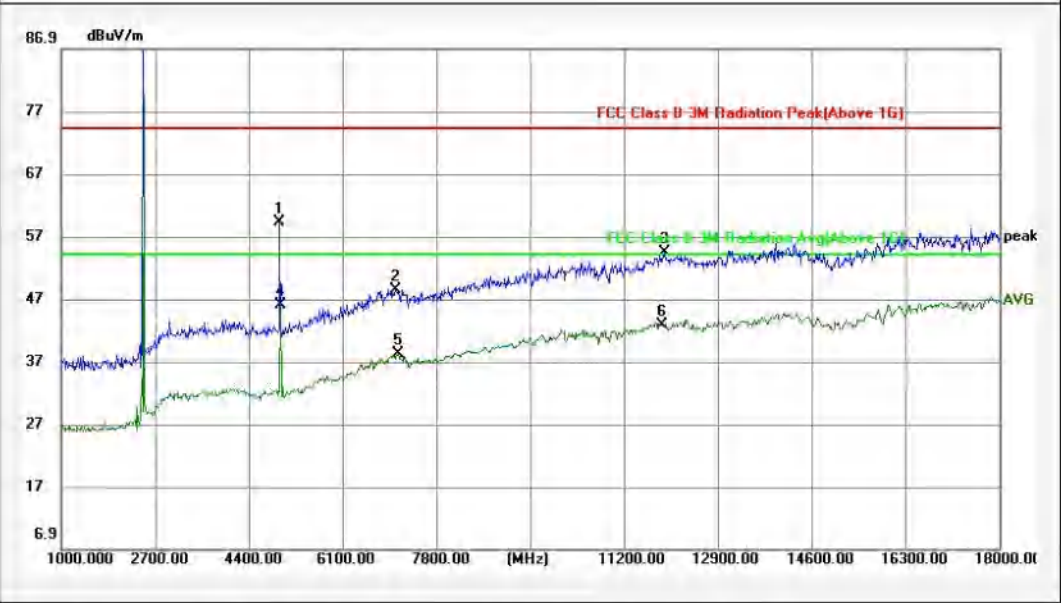


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Radiation Emission

Site: 966 Chamber 1
 2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4961.000	1.16	58.04	59.20	74.00	-14.80	peak		
2	7052.000	8.76	39.69	48.45	74.00	-25.55	peak		
3	11931.000	14.93	39.39	54.32	74.00	-19.68	peak		
4	4978.000	1.16	44.82	45.98	54.00	-8.02	AVG	*	
5	7103.000	8.74	29.55	38.29	54.00	-15.71	AVG		
6	11897.000	14.85	27.96	42.81	54.00	-11.19	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
 MK.:Maximum data x:Over limit !:Over margin
 File: OB1998-RSE\Data :#6





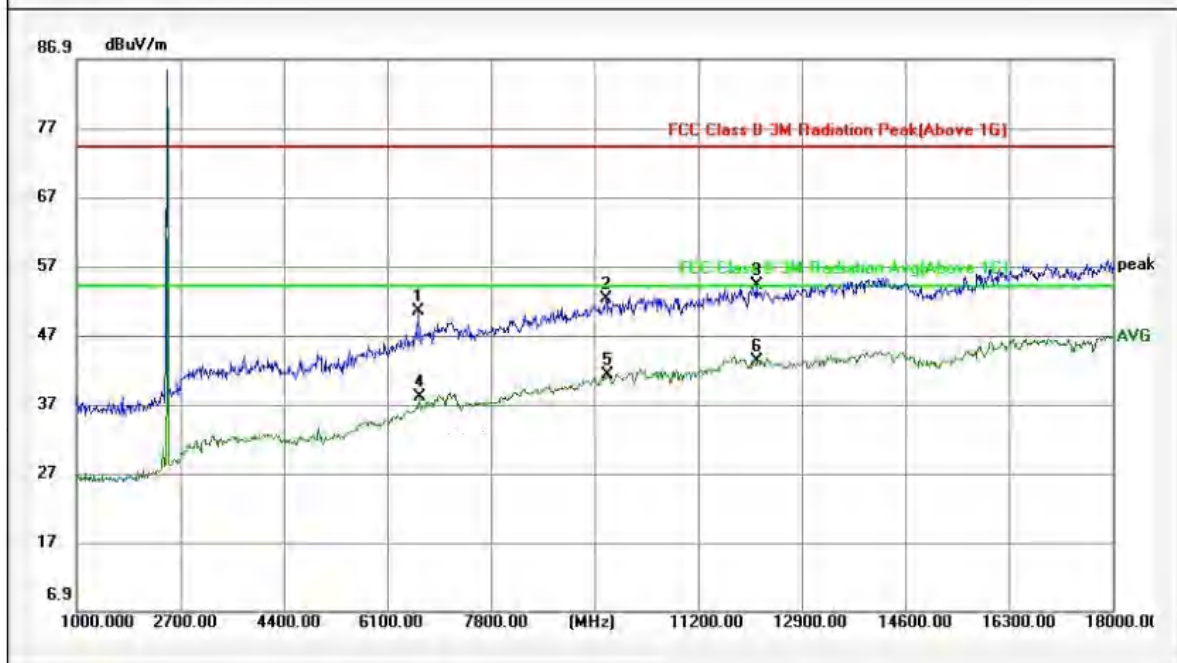
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	6610.000	7.41	42.96	50.37	74.00	-23.63	peak		
2	9687.000	10.98	41.18	52.16	74.00	-21.84	peak		
3	12152.000	15.15	38.96	54.11	74.00	-19.89	peak		
4	6627.000	7.46	30.50	37.96	54.00	-16.04	AVG		
5	9721.000	11.01	30.17	41.18	54.00	-12.82	AVG		
6	12169.000	15.16	28.09	43.25	54.00	-10.75	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#5





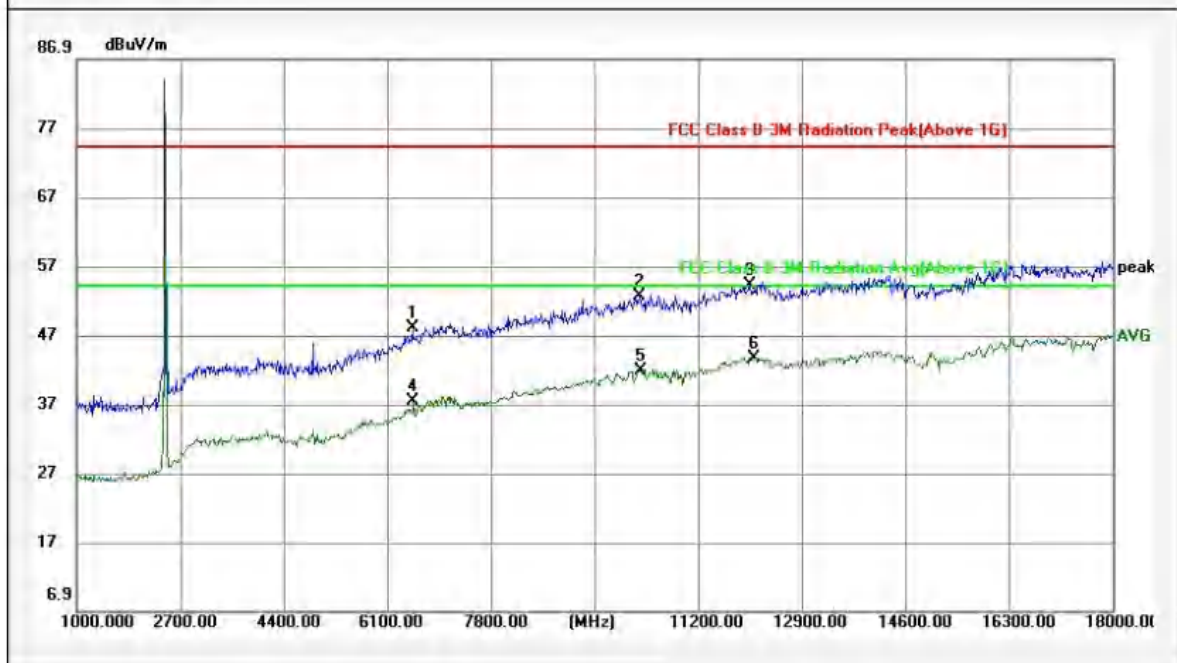
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2440MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	6508.000	7.05	40.92	47.97	74.00	-26.03	peak		
2	10231.000	11.63	41.02	52.65	74.00	-21.35	peak		
3	12050.000	15.10	39.12	54.22	74.00	-19.78	peak		
4	6525.000	7.11	30.29	37.40	54.00	-16.60	AVG		
5	10248.000	11.66	30.11	41.77	54.00	-12.23	AVG		
6	12118.000	15.13	28.46	43.59	54.00	-10.41	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#4





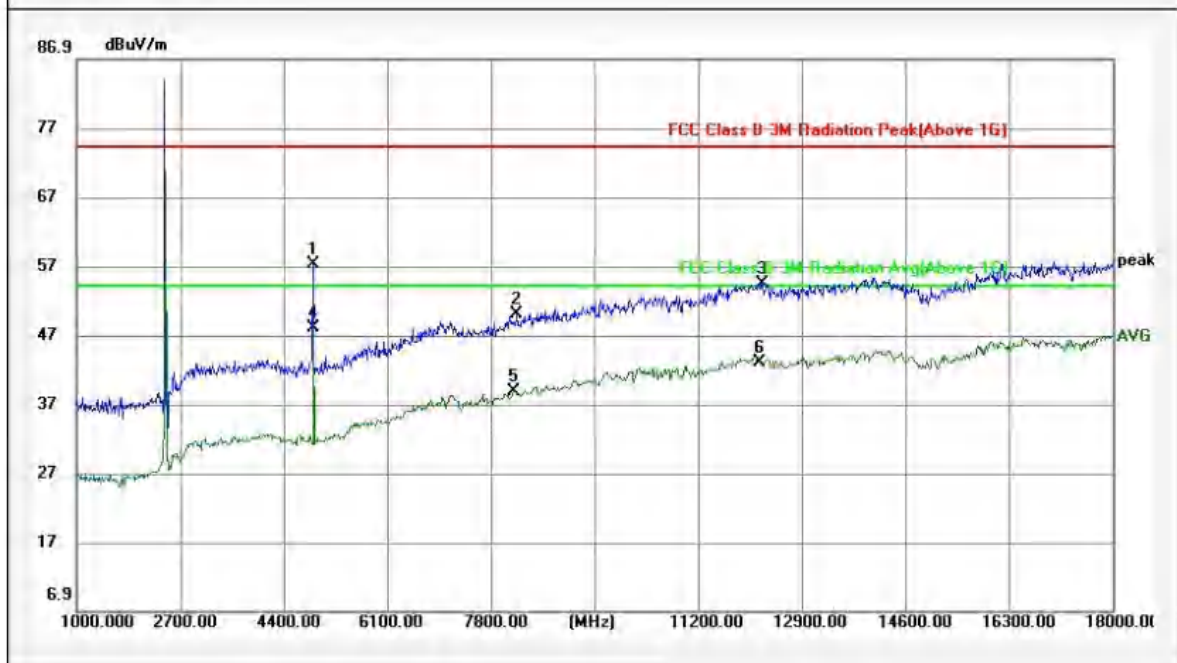
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2440MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4876.000	1.16	56.12	57.28	74.00	-16.72	peak		
2	8225.000	8.90	41.12	50.02	74.00	-23.98	peak		
3	12254.000	15.21	39.17	54.38	74.00	-19.62	peak		
4	4893.000	1.17	46.75	47.92	54.00	-6.08	AVG	*	
5	8174.000	8.77	30.03	38.80	54.00	-15.20	AVG		
6	12203.000	15.18	27.88	43.06	54.00	-10.94	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-RSE\Data :#3





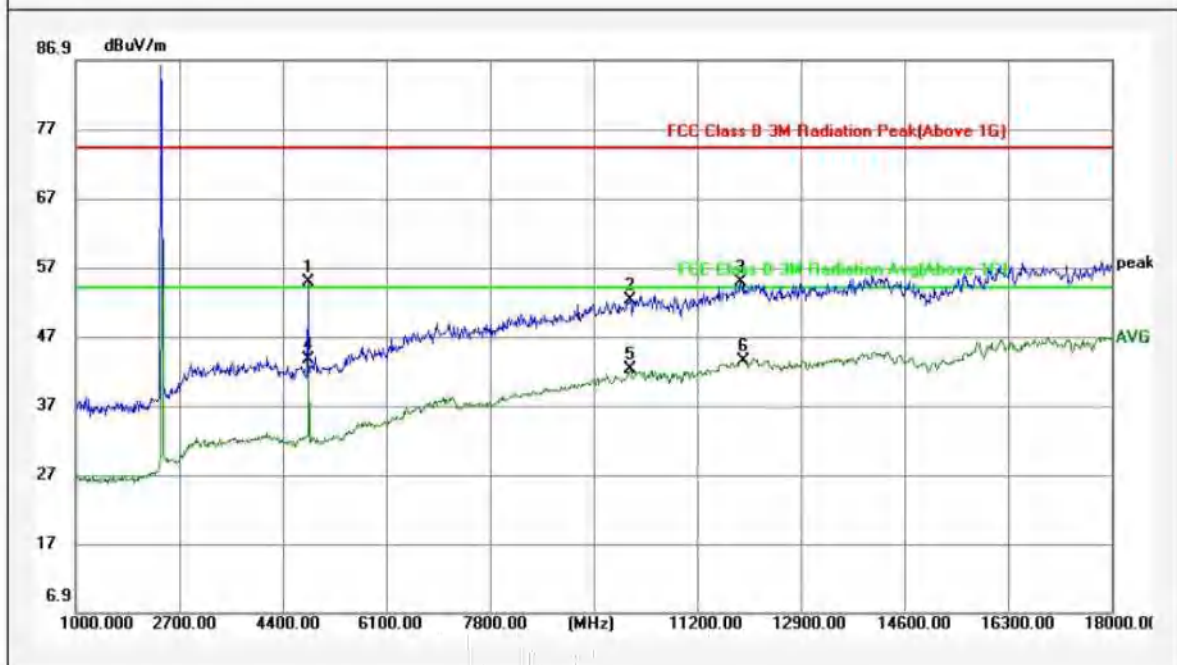
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	4808.000	1.18	53.54	54.72	74.00	-19.28	peak		
2	10095.000	11.39	40.80	52.19	74.00	-21.81	peak		
3	11914.000	14.89	39.86	54.75	74.00	-19.25	peak		
4	4825.000	1.18	42.39	43.57	54.00	-10.43	AVG	*	
5	10095.000	11.39	30.74	42.13	54.00	-11.87	AVG		
6	11965.000	14.99	28.43	43.42	54.00	-10.58	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin
File: OB1998-RSEData :#2





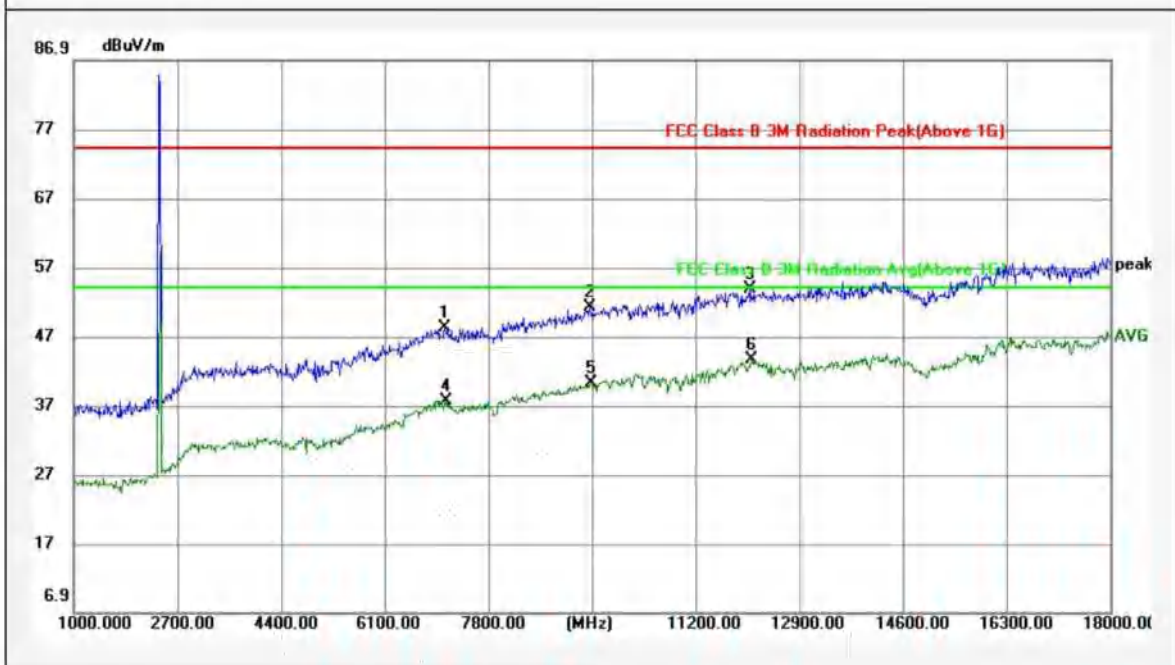
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	7086.000	8.75	39.42	48.17	74.00	-25.83	peak		
2	9466.000	10.81	40.36	51.17	74.00	-22.83	peak		
3	12084.000	15.12	38.78	53.90	74.00	-20.10	peak		
4	7103.000	8.74	28.85	37.59	54.00	-16.41	AVG		
5	9483.000	10.82	29.48	40.30	54.00	-13.70	AVG		
6	12118.000	15.13	28.44	43.57	54.00	-10.43	AVG	*	

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin
File: OB1998-RSEIData :#1



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



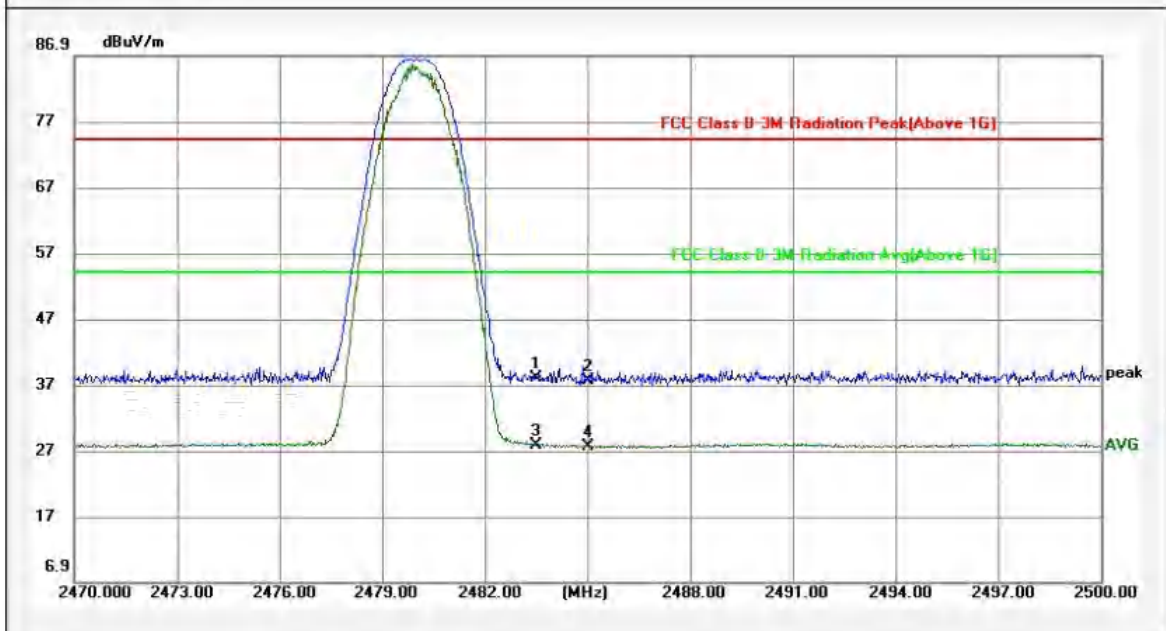
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2483.500	-2.96	40.95	37.99	74.00	-36.01	peak		
2	2485.000	-2.96	40.66	37.70	74.00	-36.30	peak		
3	2483.500	-2.96	30.80	27.84	54.00	-26.16	AVG	*	
4	2485.000	-2.96	30.47	27.51	54.00	-26.49	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*:Maximum data x:Over limit !:Over margin

File: OB1998-Band\Data :#4





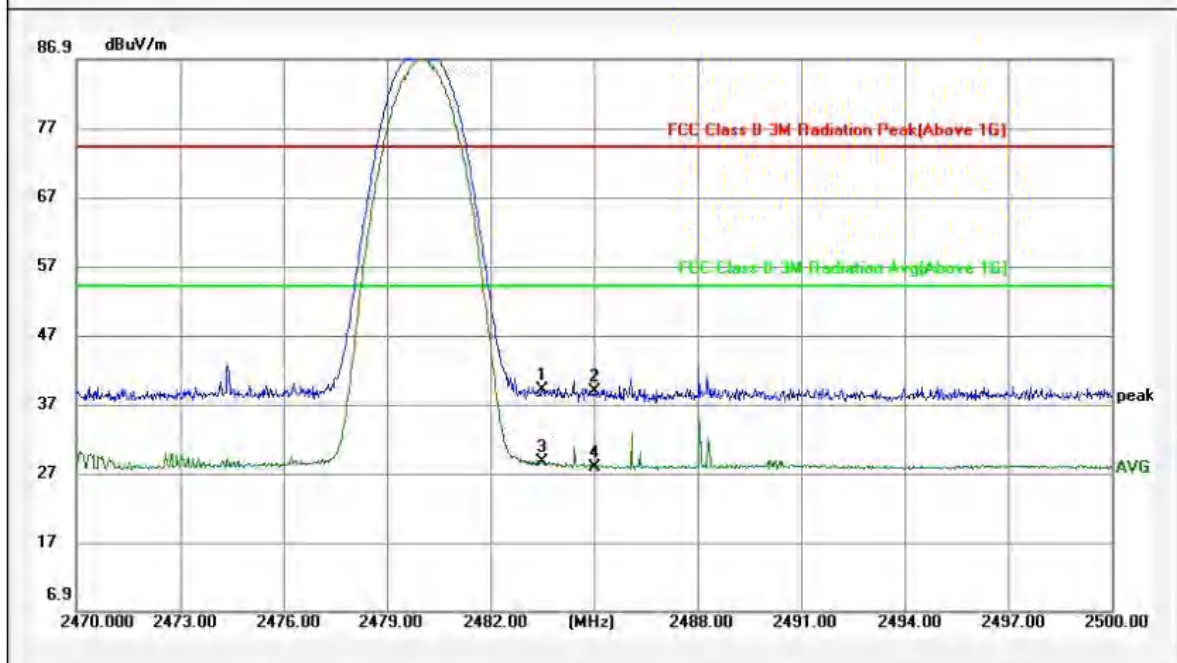
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2480MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2483.500	-2.96	41.87	38.91	74.00	-35.09	peak		
2	2485.000	-2.96	41.69	38.73	74.00	-35.27	peak		
3	2483.500	-2.96	31.53	28.57	54.00	-25.43	AVG	*	
4	2485.000	-2.96	30.83	27.87	54.00	-26.13	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:Maximum data x:Over limit !:Over margin

File: OB1998-Band1Data :#3





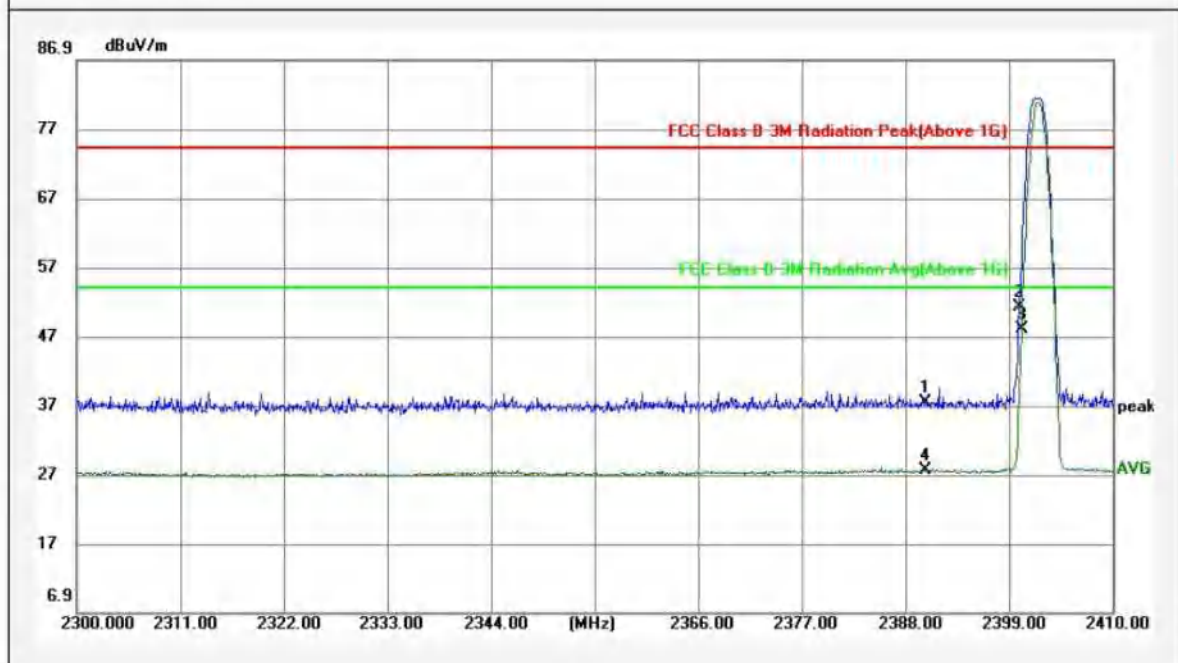
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Horizontal
Test Mode:	TX		
Remark 1:	2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2390.000	-3.37	40.86	37.49	74.00	-36.51	peak		
2	2400.000	-3.32	54.52	51.20	74.00	-22.80	peak		
3	2400.320	-3.32	51.25	47.93	54.00	-6.07	AVG	*	
4	2390.090	-3.37	30.90	27.53	54.00	-26.47	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-Band1Data :#2





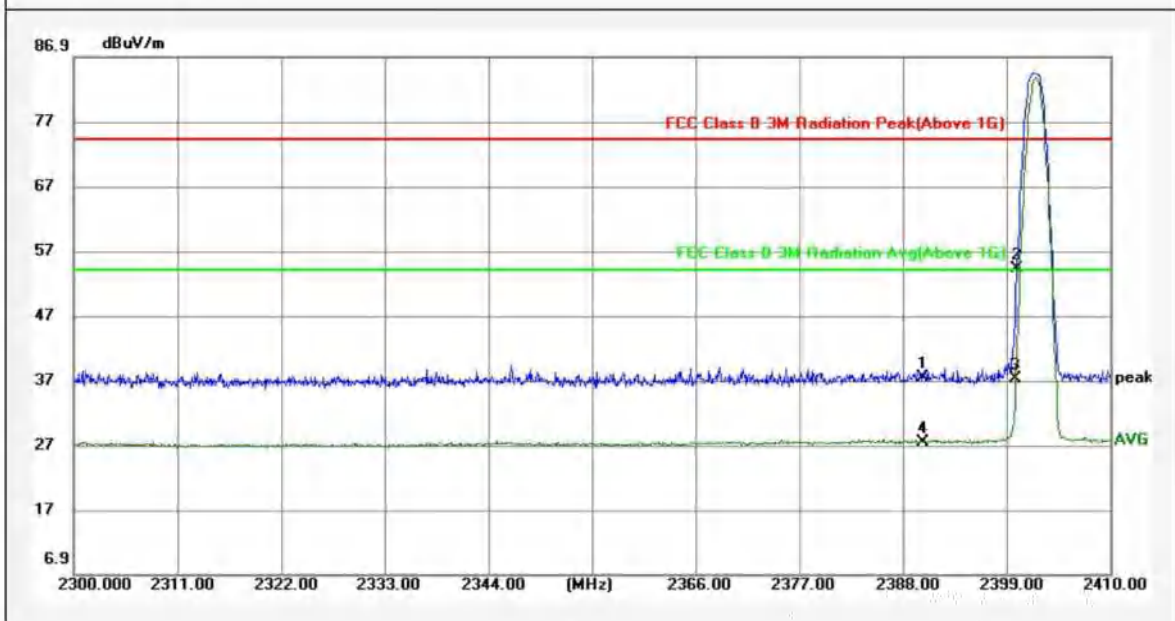
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Radiation Emission

Site: 966 Chamber 1

2025/3/27

Job No.:	LP24070228C05-05	Temp:	23.7 (C) / 57 %RH/ 983 hpa
Test Standard:	FCC Class B 3M Radiation Peak(Above 1G)	Test Engineer:	Jerry
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	OB1998	Ant. Polarization:	Vertical
Test Mode:	TX		
Remark 1:	2402MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	MK.	Remark
1	2390.000	-3.37	40.71	37.34	74.00	-36.66	peak		
2	2400.000	-3.32	57.58	54.26	74.00	-19.74	peak		
3	2399.990	-3.32	40.61	37.29	54.00	-16.71	AVG	*	
4	2390.090	-3.37	30.77	27.40	54.00	-26.60	AVG		

Note: Level=Reading+Factor,Over=Level-Limit.
MK.:*Maximum data x:Over limit !:Over margin

File: OB1998-Band\Data :#1





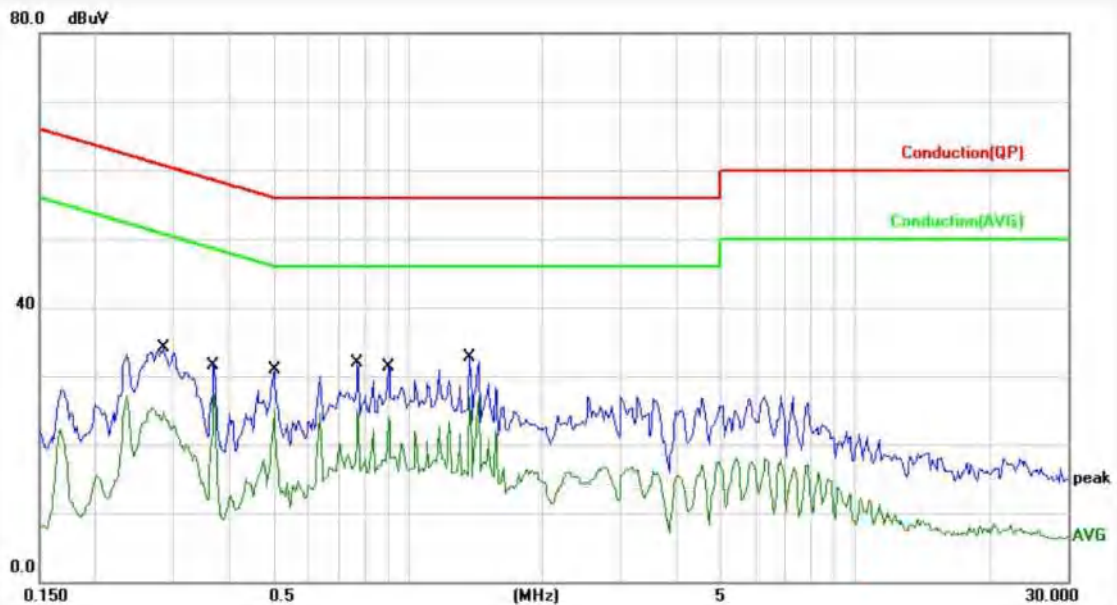
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Conduction Emission

Site:Shielded Room 1

2025/3/13

Job No.:	LP24070228C05-01	Temp:	21.5(C) / 48 % / 1015 hpa
Test Standard:	Conduction(QP)	Test Engineer:	Lucas
EUT:	Modern Wireless Headset	Power Rating:	DC 5V
Model No.:	1) OB1998, 2) OB1970	Phase:	N
Test Mode:	Charging+BT		
Remark:	1) Modern Wireless Headset, 2) Dongle		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2812	10.26	20.90	31.16	60.78	-29.62	QP	P	
2	0.2812	10.26	13.22	23.48	50.78	-27.30	AVG	P	
3	0.3690	10.29	18.26	28.55	58.52	-29.97	QP	P	
4	0.3690	10.29	17.20	27.49	48.52	-21.03	AVG	P	
5	0.5036	10.32	17.53	27.85	56.00	-28.15	QP	P	
6	0.5036	10.32	14.73	25.05	46.00	-20.95	AVG	P	
7	0.7741	10.39	18.58	28.97	56.00	-27.03	QP	P	
8	0.7741	10.39	14.74	25.13	46.00	-20.87	AVG	P	
9	0.9081	10.43	17.96	28.39	56.00	-27.61	QP	P	
10	0.9081	10.43	13.53	23.96	46.00	-22.04	AVG	P	
11	1.3744	10.47	19.17	29.64	56.00	-26.36	QP	P	
12	1.3744	10.47	16.42	26.89	46.00	-19.11	AVG	P	

Note: Level=Reading+Factor.

Margin=Level-Limit.

File:1) OB1998, 2) OB1970#2





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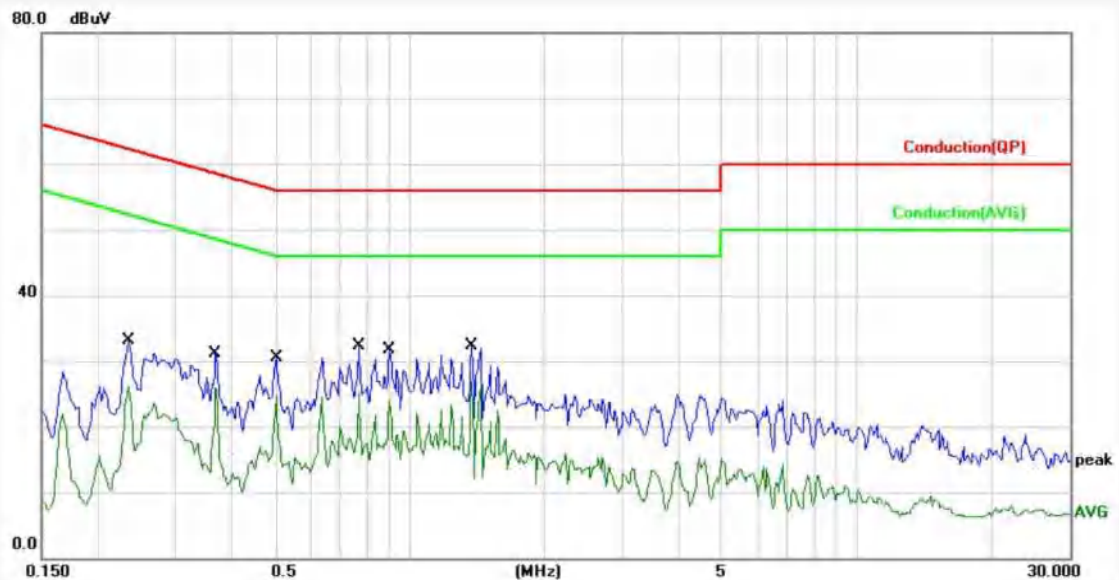
Conduction Emission

Site:Shielded Room 1

2025/3/13

Job No.: LP24070228C05-01
Test Standard: Conduction(QP)
EUT: Modern Wireless Headset
Model No.: 1) OB1998, 2) OB1970
Test Mode: Charging+BT
Remark: 1) Modern Wireless Headset, 2) Dongle

Temp: 21.5(C) / 48 % / 1015 hpa
Test Engineer: Lucas
Power Rating: DC 5V
Phase: L1



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2343	10.20	19.98	30.18	62.30	-32.12	QP	P	
2	0.2343	10.20	15.97	26.17	52.30	-26.13	AVG	P	
3	0.3690	10.25	17.78	28.03	58.52	-30.49	QP	P	
4	0.3690	10.25	15.57	25.82	48.52	-22.70	AVG	P	
5	0.5036	10.29	17.28	27.57	56.00	-28.43	QP	P	
6	0.5036	10.29	14.36	24.65	46.00	-21.35	AVG	P	
7	0.7681	10.38	18.91	29.29	56.00	-26.71	QP	P	
8	0.7681	10.38	14.68	25.06	46.00	-20.94	AVG	P	
9	0.9010	10.43	18.20	28.63	56.00	-27.37	QP	P	
10	0.9010	10.43	13.38	23.81	46.00	-22.19	AVG	P	
11	1.3744	10.48	18.90	29.38	56.00	-26.62	QP	P	
12	1.3744	10.48	16.41	26.89	46.00	-19.11	AVG	P	

Note: Level=Reading+Factor.

Margin=Level-Limit.

File:1) OB1998, 2) OB1970\#1

