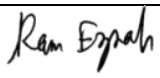
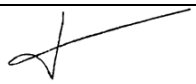
SAR Exclusion Report

1. Product information

FCC ID	ZAI-SYNOIAWISHB01
EUT	Aesthetic Device
Model No.	WISHPro Plus
Power supply	Battery
Antenna type	Coil/loop
Assigned frequency range	13.56 MHz
Operating frequency range	13.56 MHz
Transmit power (calculated)	-35.75 dBm
Modulation bandwidth	21.9 kHz
Bit rate	848 Kbps
SAR exclusion considerations	A worst-case test separation distance of 5 mm

Prepared by:	Ram Ezrah	
Reviewed by:	Netanel Yakobov	
Test Laboratory	I.T.L. Product Testing Ltd. 1 Bat Sheva street, Lod, Israel	
Date:	18 January 2024	

2. Evaluation Method and Limit

FCC, Part 1, Subpart I, Section 1.1310(e)(1), KDB447498 D01 V06 , Section 4.3.1 and Appendix A ,RSS 102, Issue 5, Section 2.5.1

According to KDB447498 D01 General RF Exposure Guidance v06 Section 4.3.1, the standalone SAR test exclusion considerations are: “Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition, listed below, is satisfied.

The minimum test separation distance is determined by the smallest distance from the antenna and radiating structures or outer surface of the device, according to the host form factor, exposure conditions and platform requirements, to any part of the body or extremity of a user or bystander (see 5) of section 4.1)."

For SAR exclusion evaluation we take the following E.U.T values:

1. Max. power (conducted)=-33.6 dBm = 0.0004 mW
2. Minimum distance from human body: 10.8 cm

FCC Test Limit

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] *·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

3. Results

Frequency (MHz)	FCC calculation	FCC limit	Verdict
13.56	0.0004/5*√0.012 = 0.00008*0.11 = 0.000008	≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.	Pass

Figure 1 Test Results

4. Conclusion

The measurement results comply with the Limit per FCC, Part 1, Subpart I, Section 1.1310(e)(1), RSS 102, Issue 5, Section 2.5.2(table 4 requirements) KDB447498 D01 V06 (October 23, 2015)

End of Report

FCC Test limits

Appendix A

SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

Approximate SAR Test Exclusion Power Thresholds at Selected Frequencies and Test Separation Distances are illustrated in the following Table. The equation and threshold in 4.3.1 must be applied to determine SAR test exclusion.

MHz	5	10	15	20	25	mm
150	39	77	116	155	194	*SAR Test Exclusion Threshold* (mW)
300	27	55	82	110	137	
450	22	45	67	89	112	
835	16	33	49	66	82	
900	16	32	47	63	79	
1500	12	24	37	49	61	
1900	11	22	33	44	54	
2450	10	19	29	38	48	
3600	8	16	24	32	40	
5200	7	13	20	26	33	
5400	6	13	19	26	32	
5800	6	12	19	25	31	

MHz	30	35	40	45	50	mm
150	232	271	310	349	387	*SAR Test Exclusion Threshold* (mW)
300	164	192	219	246	274	
450	134	157	179	201	224	
835	98	115	131	148	164	
900	95	111	126	142	158	
1500	73	86	98	110	122	
1900	65	76	87	98	109	
2450	57	67	77	86	96	
3600	47	55	63	71	79	
5200	39	46	53	59	66	
5400	39	45	52	58	65	
5800	37	44	50	56	62	