FCC RF Exposure

EUT Description: Intelligent Bluetooth glasses

Model No.: 1508,1509A,1609

FCC ID: 2A94X-1508

Equipment type: Portable Device

According to KDB 447498 and part 2.1093, 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 numericasimulation, is not required when the corresponding SAR Test Exclusion Thresholocondition(s), listed below, is (are) satisfied.

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

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distancemm)] \cdot [vfGHz)] < 3.0 for 1-g SAR, and s 7.5 for 10-g extremity SAR, where f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

EIRP=EMeas+20log(dmeas)-104.7

EIRP is the equivalent isotropically radiated power,

EMeas in dBmis the field strength of the emission at the measurement distance, in dB u V/m

dмeas is the measurement distance, in m

maximun mode: L

Field strength(dBuV/m)	EIRP(dBm)	Max tune- up(mW)	Frequency(MHz)	Min. distance(mm)	Calc. thresholds	limit
93.27	-1.89	0.64714	2402	5	0.201	3.0
91.85	-3.31	0.46666	2441	5	0.146	3.0
94.57	-0.59	0.87297	2480	5	0.275	3.0

threshold at which no SAR required is 3.0 for 1-g SAR, separation distance is 5mm, and no simultaneous SAR measurement is required.