

Appendix D. Photographs

D.1. DUT and Antenna Placement



Figure D-1 Front-View



Figure D-2 Back-View

D.2. Antenna Placement, RF Exposure Conditions, and SAR Test Exclusion

The following information is eligible for Short-Term Confidentiality together with internal and external photos.

Antenna Placement

Antenna	Minimum Distance from Edges or Sides of DUT (mm)						
	Front	Back	Back-Tilt	Left	Right	Top	Bottom
Bluetooth	0.95	26.0	≈ 14.8	4.9	4.3	3.25	41.85

* Please refer to Figure D-7 for more details.

RF Exposure Conditions

Wireless Technologies	RF Exposure Conditions	User-to-DUT Distance (mm)	Test Position	DUT-to-Ant. Distance (mm)	SAR Required	Note(s)
Bluetooth	Body-Worn	0	Front	0.95	Yes	
			Back	26.0	Yes	
			Back-Tilt	≈ 14.8	Yes	
			Left	4.9	Yes	
			Right	4.3	Yes	
			Top	3.25	Yes	
			Bottom	41.85	Yes	
Note(s): * Please refer to Figure D-7 for more details.						

Body-Worn SAR (1-g SAR) Test Exclusion as per KDB 447498 D01

Freq. Band	Freq. (MHz)	Test Position	User-to-Host Distance (mm)	Host-to-Ant Distance (mm)	User-to-Ant Distance (mm)	Min. Test Sep. Distance (mm)	Max. Possible Power			Exclusion Threshold	SAR Required (> 3.0)
							(dBm)	(mW)	rounded (mW)		
Bluetooth	2450	Front	0	0.95	0.95	5	10.0	10.0	10	3.1	Yes
	2450	Back	0	26.0	26.0	26	10.0	10.0	10	0.6	No
	2450	Back-Tilt	0	14.8	14.8	15	10.0	10.0	10	1.0	No
	2450	Left	0	4.9	4.9	5	10.0	10.0	10	3.1	Yes
	2450	Right	0	4.3	4.3	5	10.0	10.0	10	3.1	Yes
	2450	Top	0	3.25	3.25	5	10.0	10.0	10	3.1	Yes
	2450	Bottom	0	41.85	41.85	42	10.0	10.0	10	0.4	No

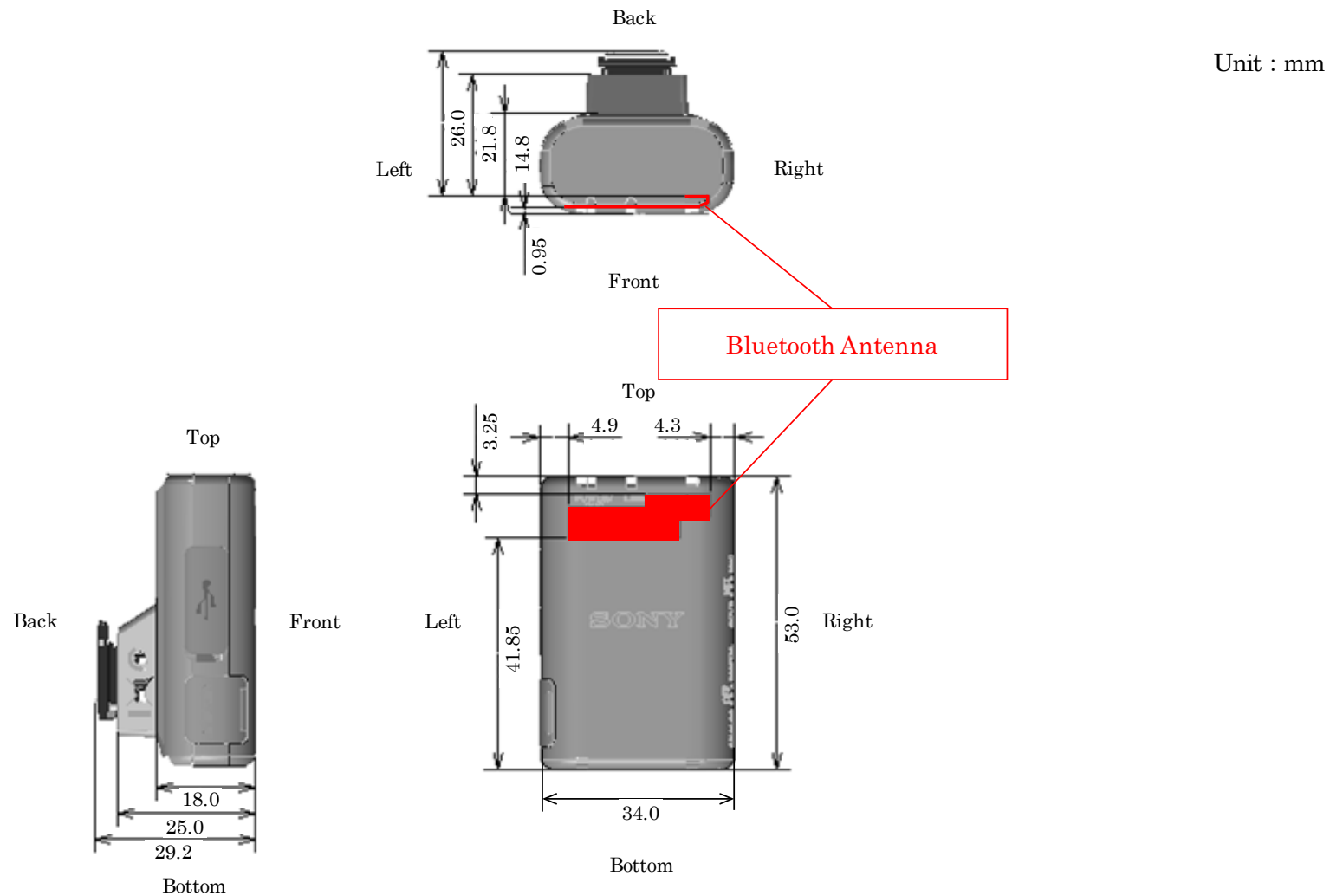


Figure D-3 Antenna Dimensions and Separation Distances

D.3. Body-Worn Exposure Conditions

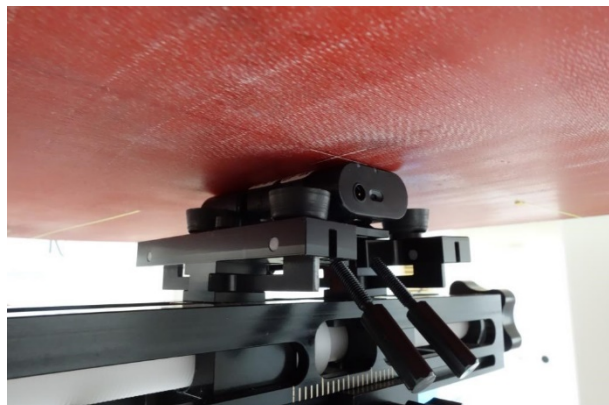


Figure D-4

Front

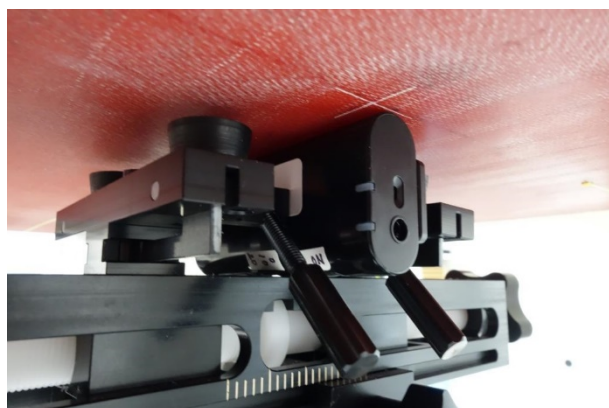


Figure D-5

Left

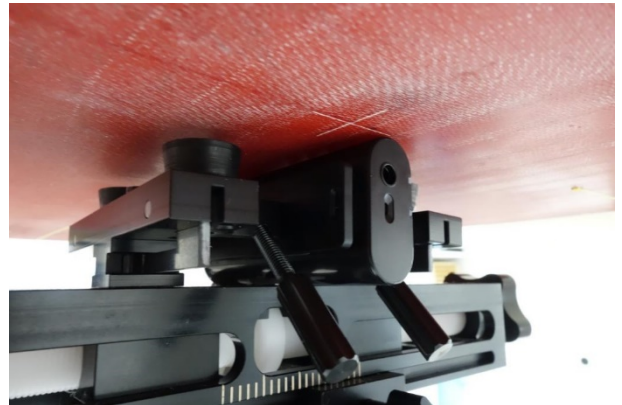
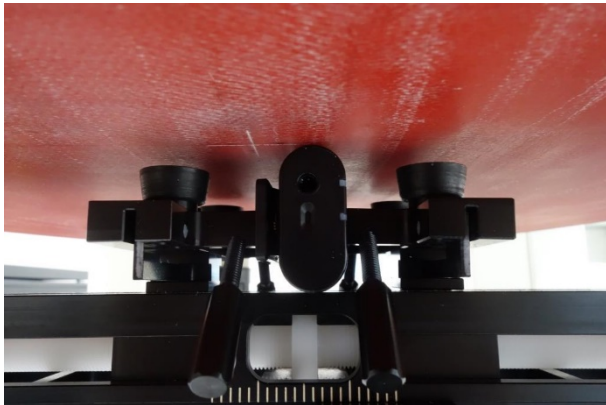


Figure D-6 Right

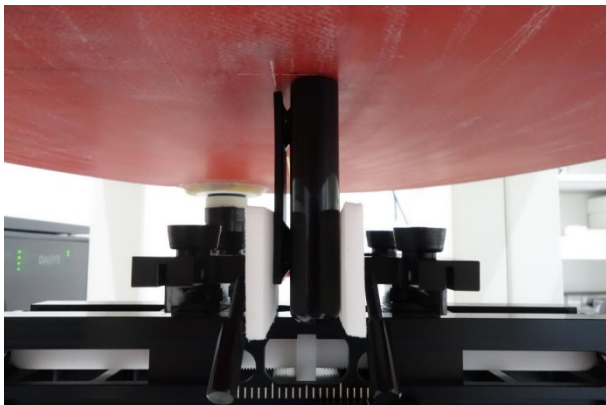


Figure D-7 Top

D.4. Verification of SAR Measurement set-up (For Reference Only)

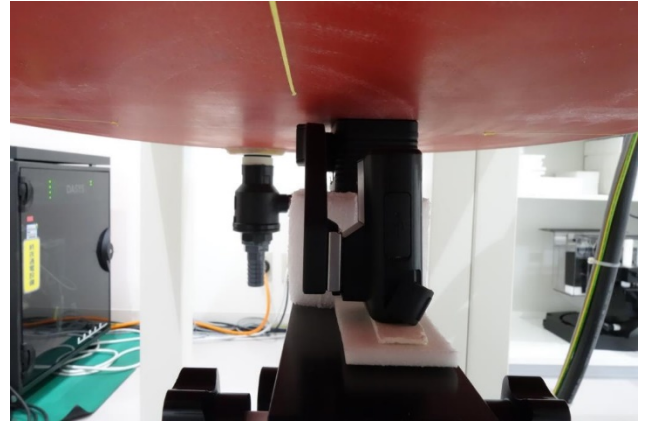
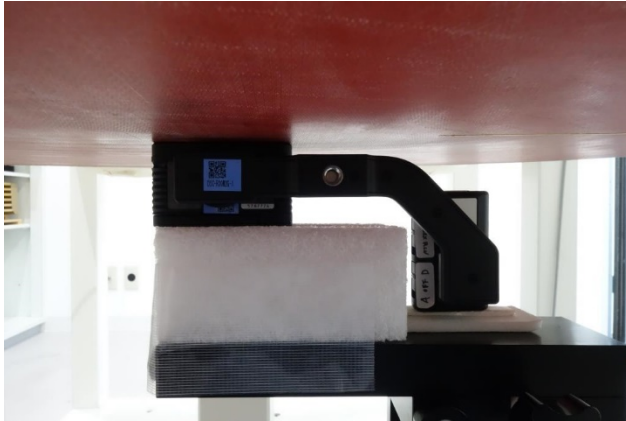


Figure D-8

Front (1DR024 + DUT)



Figure D-9

Front-Right (1VY001 + DUT)



Figure D-10 Front-Tilt (Jack) (1VY002 + DUT)



Figure D-11 Front-Tilt (Grip) (1VY002+ DUT)