

Appendix D. Photographs

D.1. Host Platform and Antenna Placement



Figure D-1 Front View



Figure D-2 Back View



Figure D-3 Left View



Figure D-4 Right View

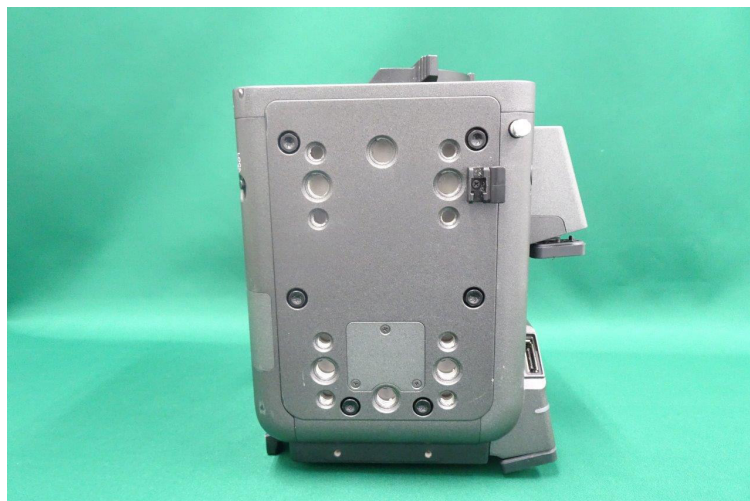


Figure D-5 Top View

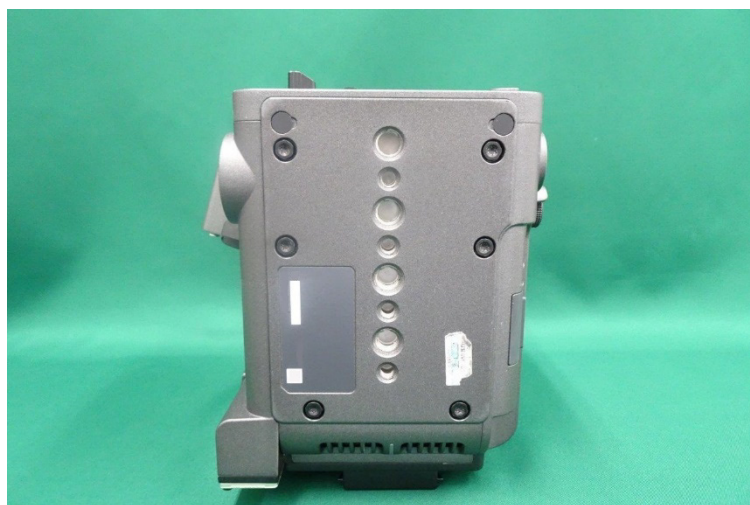


Figure D-6 Bottom View

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

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

Host Platform Descriptions

	Host Platform *The DUT is installed in this host.
Type of Equipment	Digital Camera
Model No.	1VY007
Test Sample Condition	☐ Prototype ☒ Pre-production ☐ Mass-production * Not for sale: The sample is equivalent to mass-production items. * No modification by the test lab.
Serial No.	215
Rating	Li-ion Battery DC 14.4 V / 6100 mAh ☐ Not user accessible.
Head/Body-Worn Accessories (supplied with the device)	n/a
Device Dimension (W x H x D)	Refer to Figure D-7
Device Category	Portable
Exposure Category	General population/ Uncontrolled environment

Antenna Placement

Antenna	Minimum Distance from Edges or Sides of Host Platform (mm)							
	Front	Front-Left	Back	Left	Right	Top-Right	Top	Bottom
Chain0	20.1	6.4	171.1	6.0	131.4	≈131.4	34.5	84.6
Chain1	88.4	≈134.2	86.6	134.2	9.5	6.3	6.8	130.9

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

RF Exposure Conditions

Wireless Technologies	RF Exposure Conditions	User-to-DUT Distance (mm)	Test Position	Host-to-Ant. Distance (mm)		SAR Required	Note(s)
				Chain 0	Chain 1		
Wi-Fi	Body-Worn	0	Front	20.1	88.4	Yes	
			Front-Left	6.4	≈ 134.2	Yes	
			Back	171.1	86.6	Yes	
			Left	6.0	134.2	Yes	
			Right	131.4	9.5	Yes	
			Top-Right	≈ 131.4	6.3	Yes	
			Top	34.5	6.8	Yes	
			Bottom	84.6	130.9	Yes	

Body-Worn SAR (1-g SAR) Test Exclusion as per KDB 447498 D01 - Chain0

Freq. Band	Freq. (MHz)	Test Position	Host-to-Ant Distance (mm)	User-to-Ant Distance (mm)	Min. Test Sep. Distance (mm)	Max. Possible Power				Exclusion Threshold	SAR Required (> 3.0)
						Chain0 (dBm)	Chain1 (dBm)	Total (mW)	rounded (mW)		
Wi-Fi 2.4 GHz (Chain0)	2450	Front	20.1	20.1	20	9.5	9.5	17.8	18	1.4	No
	2450	Front-Left	6.4	6.4	6	9.5	9.5	17.8	18	4.7	Yes
	2450	Back	171.1	171.1	171	9.5	9.5	17.8	18	0.2	No
	2450	Left	6.0	6.0	6	9.5	9.5	17.8	18	4.7	Yes
	2450	Right	131.4	131.4	131	9.5	9.5	17.8	18	0.2	No
	2450	Top-Right	131.4	131.4	131	9.5	9.5	17.8	18	0.2	No
	2450	Top	34.5	34.5	35	9.5	9.5	17.8	18	0.8	No
	2450	Bottom	84.6	84.6	85	9.5	9.5	17.8	18	0.3	No
Wi-Fi 5 GHz (Chain0)	5800	Front	20.1	20.1	20	11.5	11.5	28.3	28	3.4	Yes
	5800	Front-Left	6.4	6.4	6	11.5	11.5	28.3	28	11.2	Yes
	5800	Back	171.1	171.1	171	11.5	11.5	28.3	28	0.4	No
	5800	Left	6.0	6.0	6	11.5	11.5	28.3	28	11.2	Yes
	5800	Right	131.4	131.4	131	11.5	11.5	28.3	28	0.5	No
	5800	Top-Right	131.4	131.4	131	11.5	11.5	28.3	28	0.5	No
	5800	Top	34.5	34.5	35	11.5	11.5	28.3	28	1.9	No
	5800	Bottom	84.6	84.6	85	11.5	11.5	28.3	28	0.8	No

Body-Worn SAR (1-g SAR) Test Exclusion as per KDB 447498 D01 - Chain1

Freq. Band	Freq. (MHz)	Test Position	Host-to-Ant Distance (mm)	User-to-Ant Distance (mm)	Min. Test Sep. Distance (mm)	Max. Possible Power				Exclusion Threshold	SAR Required (> 3.0)
						Chain0 (dBm)	Chain1 (dBm)	Total (mW)	rounded (mW)		
Wi-Fi 2.4 GHz (Chain1)	2450	Front	88.4	88.4	88	9.5	9.5	17.8	18	0.3	No
	2450	Front-Left	134.2	134.2	134	9.5	9.5	17.8	18	0.2	No
	2450	Back	86.6	86.6	87	9.5	9.5	17.8	18	0.3	No
	2450	Left	134.2	134.2	134	9.5	9.5	17.8	18	0.2	No
	2450	Right	9.5	9.5	10	9.5	9.5	17.8	18	2.8	No
	2450	Top-Right	6.3	6.3	6	9.5	9.5	17.8	18	4.7	Yes
	2450	Top	6.8	6.8	7	9.5	9.5	17.8	18	4.0	Yes
	2450	Bottom	130.9	130.9	131	9.5	9.5	17.8	18	0.2	No
Wi-Fi 5 GHz (Chain1)	5800	Front	88.4	88.4	88	11.5	11.5	28.3	28	0.8	No
	5800	Front-Left	134.2	134.2	134	11.5	11.5	28.3	28	0.5	No
	5800	Back	86.6	86.6	87	11.5	11.5	28.3	28	0.8	No
	5800	Left	134.2	134.2	134	11.5	11.5	28.3	28	0.5	No
	5800	Right	9.5	9.5	10	11.5	11.5	28.3	28	6.7	Yes
	5800	Top-Right	6.3	6.3	6	11.5	11.5	28.3	28	11.2	Yes
	5800	Top	6.8	6.8	7	11.5	11.5	28.3	28	9.6	Yes
	5800	Bottom	130.9	130.9	131	11.5	11.5	28.3	28	0.5	No

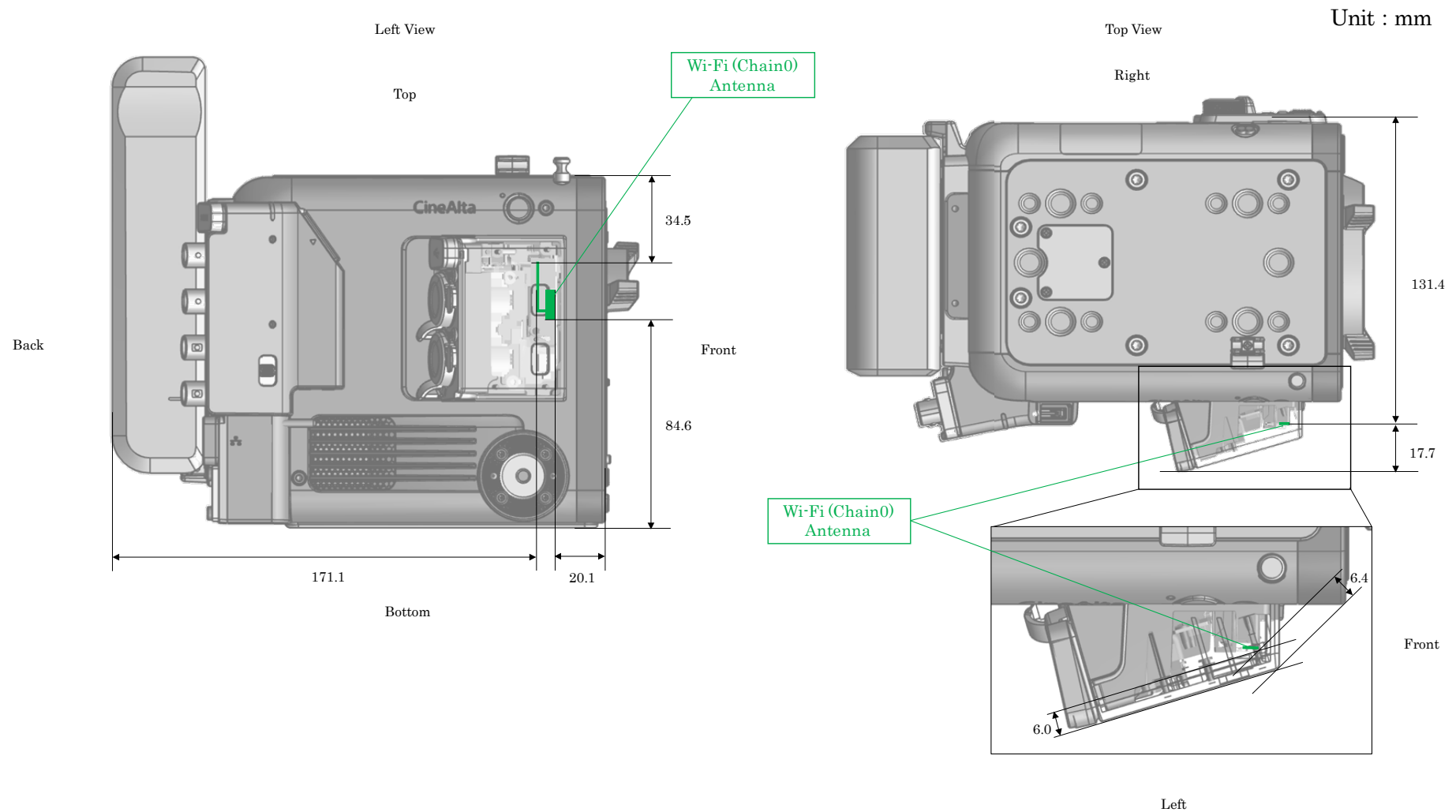


Figure D-7 Antenna Dimensions and Separation Distances

Unit : mm

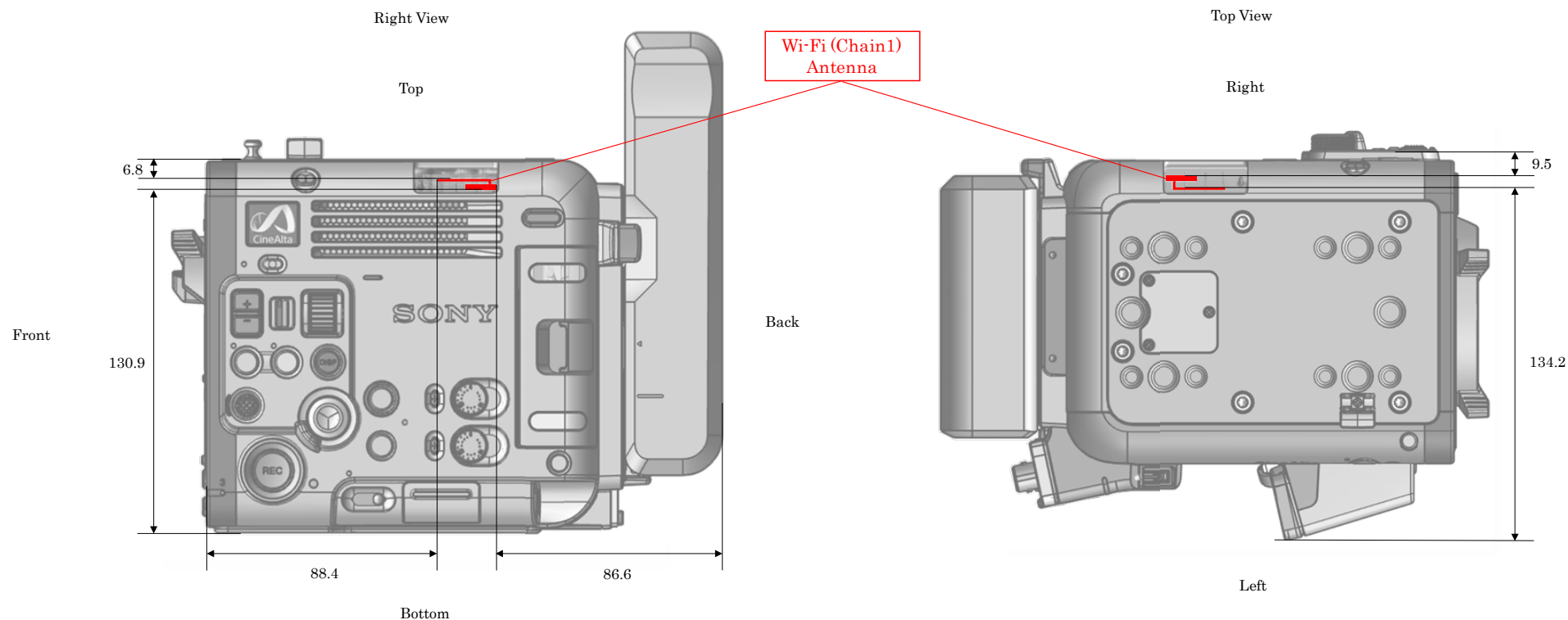


Figure D-7 Antenna Dimensions and Separation Distances (Continued)

Unit : mm

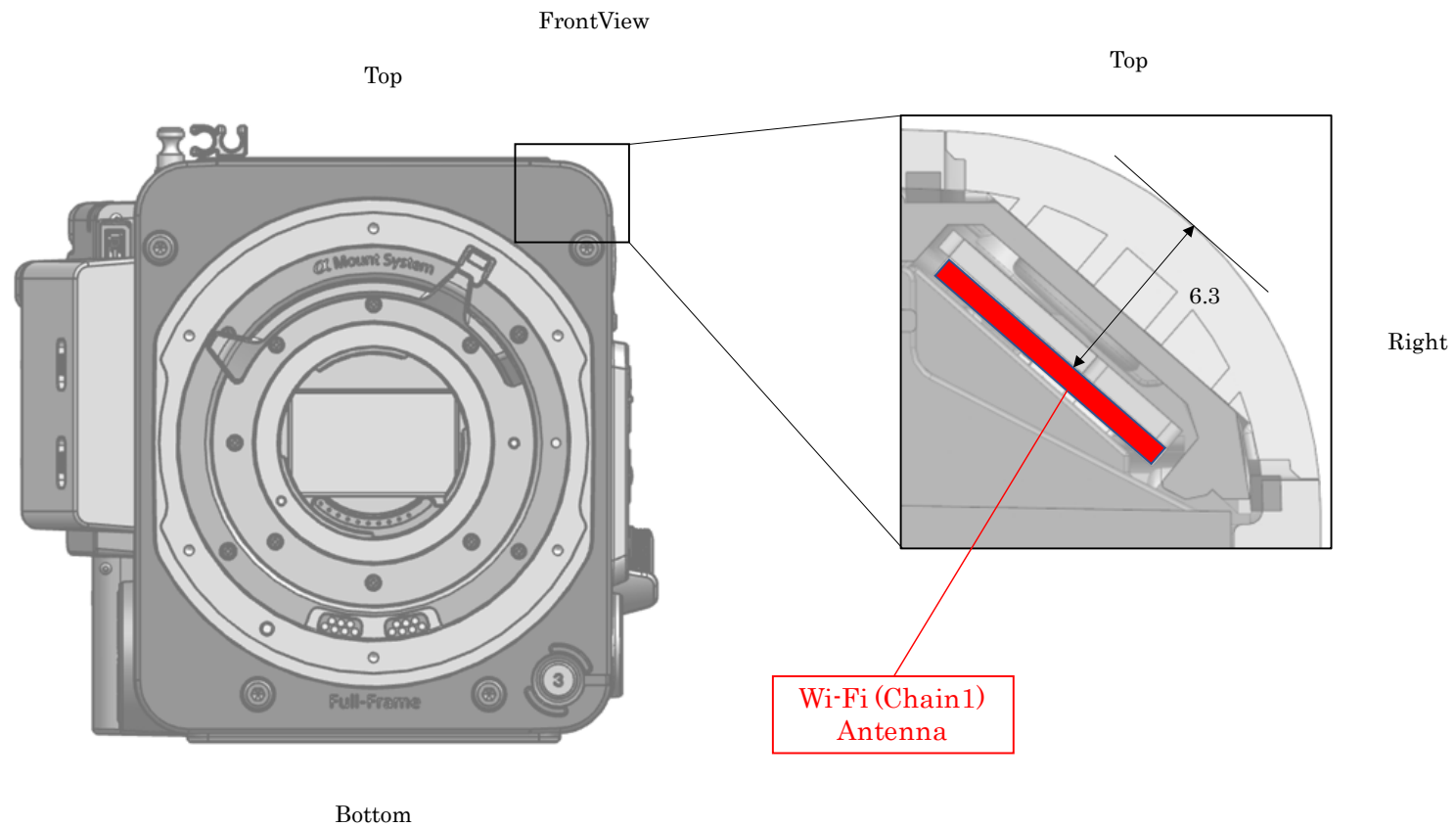


Figure D-7 Antenna Dimensions and Separation Distances (Continued)

Unit : mm

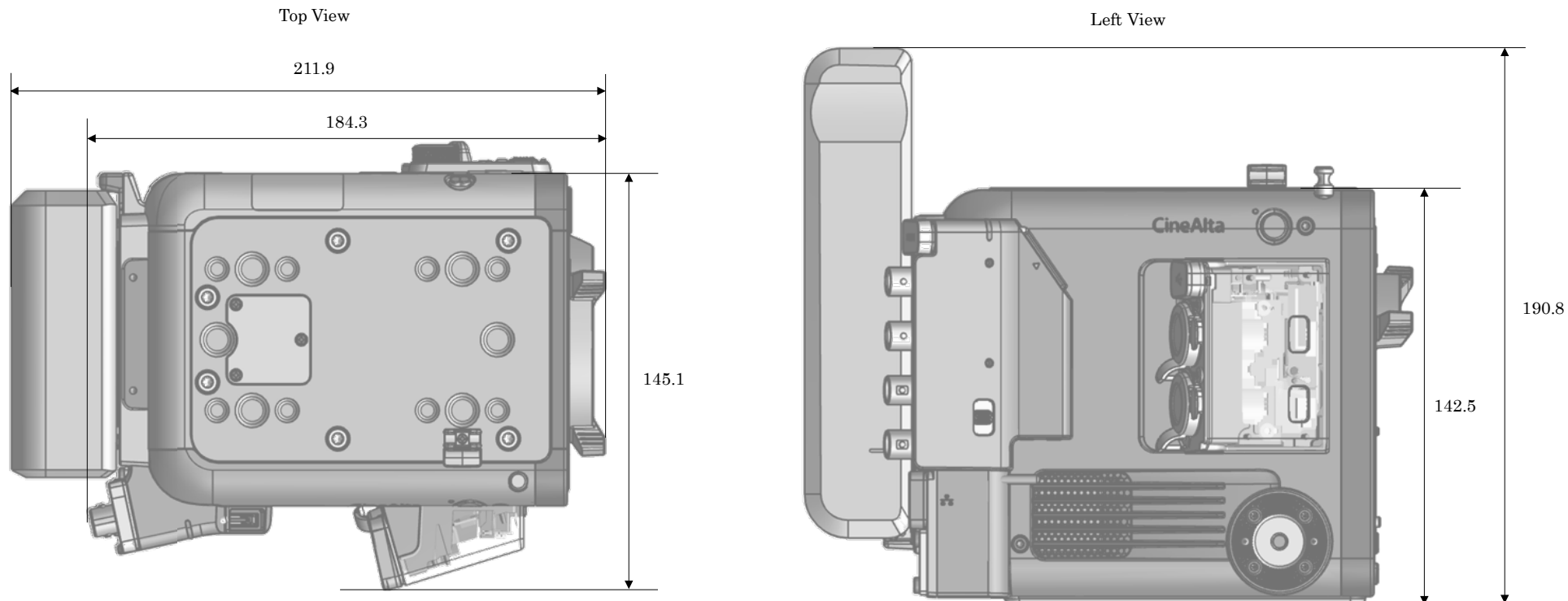
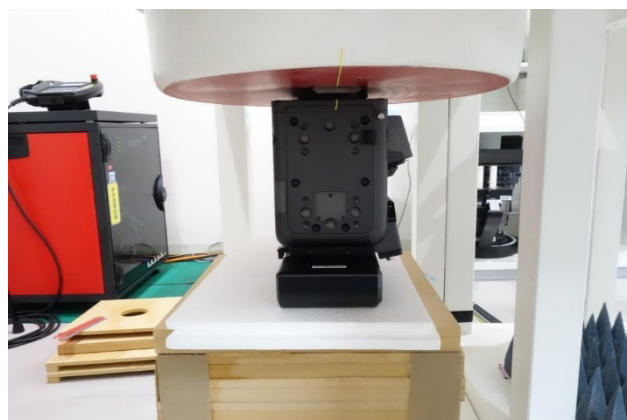


Figure D-7 Antenna Dimensions and Separation Distances (Continued)

D.3. Body-Worn Exposure Conditions



Figure D-8



Front

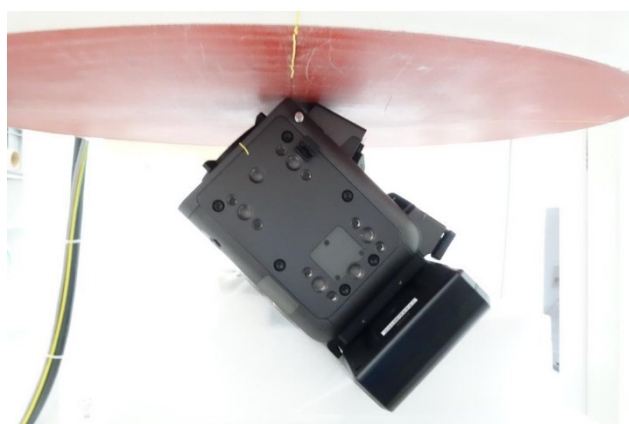
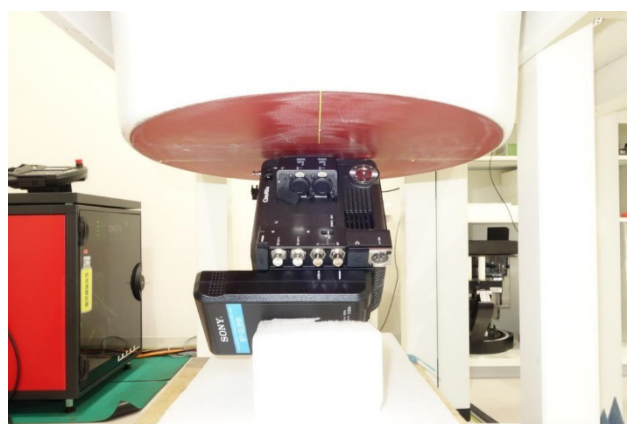


Figure D-9



Front-Left



Figure D-10 Left



Figure D-11 Right

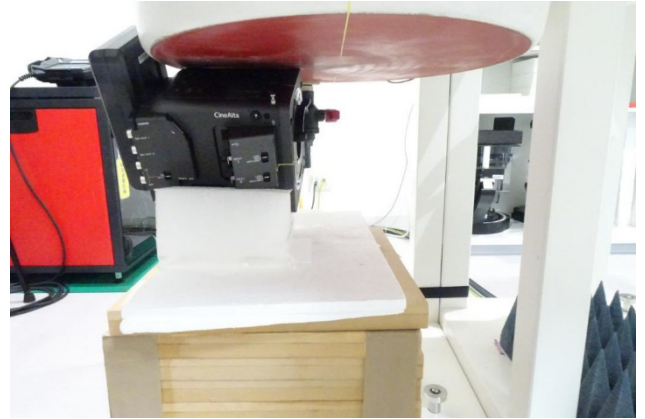


Figure D-12 Top-Right

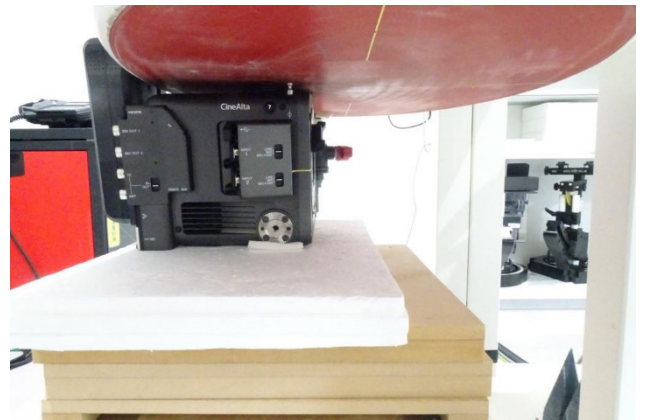


Figure D-13 Top