

Appendix D. Photographs

D.1. Host and Antenna Placement



Figure D-1 Front View



Figure D-2 Back View (1)



Figure D-3 Back View (2)



Figure D-4 Right View



Figure D-5 Left View



Figure D-6 Top View



Figure D-7 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.	1VY011
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.	0002011
Rating	Li-ion Battery DC 14.4 V / 2420 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-8
Device Category	Portable
Exposure Category	General population/ Uncontrolled environment

Antenna Placement

Antenna	Minimum Distance from Edges or Sides of Host Platform (mm)								
	Front	Back	Left	Left-Front	Left-Top	Right	Right-Top	Top	Bottom
Chain 0	51.3	219	2.7	15.3	2.7	118.4	118.4	93	60.5
Chain 1	228	31.6	106	191.1	106	5.2	3.3	81.1	88.5

* Please refer to Figure D-8 for more details.

RF Exposure Conditions

Wireless Technologies	RF Exposure Conditions	User-to-Host Distance (mm)	Test Position	Host-to-Ant. Distance (mm)		SAR to be considered	Note(s)
				Chain 0	Chain 1		
Wi-Fi/ Bluetooth	Body-Worn	0	Front	51.3	228	Yes	-
			Back	219	31.6	Yes	-
			Left	2.7	106	Yes	-
			Left-Front	15.3	191.1	Yes	-
			Left-Top	2.7	106	Yes	-
			Right	118.4	5.2	Yes	-
			Right-Top	118.4	3.3	Yes	-
			Top	93	81.1	Yes	-
			Bottom	60.5	88.5	Yes	-

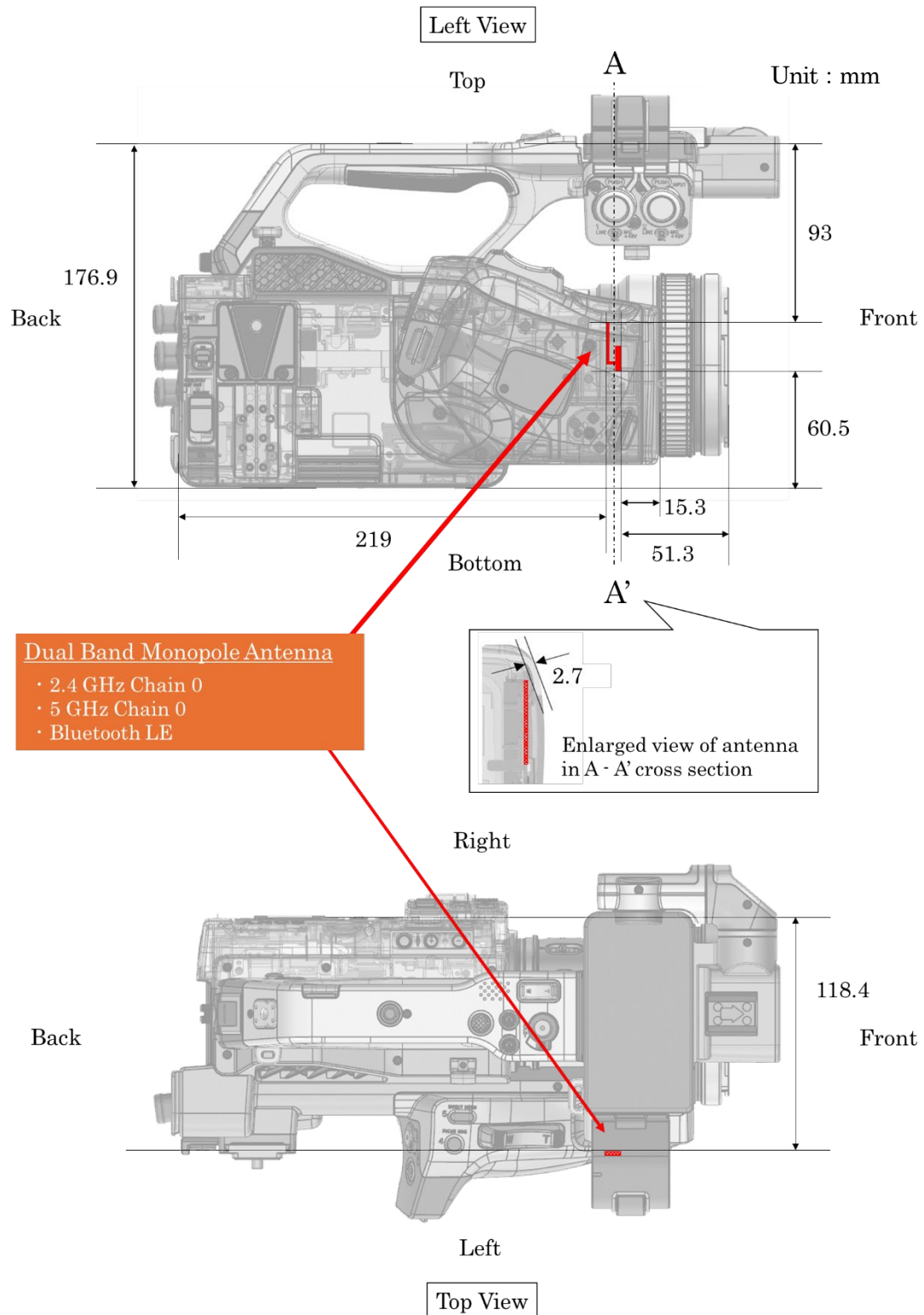
Body-Worn SAR (1-g SAR) Test Exclusion as per KDB 447498 D01 - Chain 0

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)	SAR Tested
						Chain0 (dBm)	Chain1 (dBm)	Total (mW)	rounded (mW)			
Wi-Fi 2.4 GHz	2450	Front	51.3	51.3	51	9.50	9.50	17.82	18	0.6	No	No
	2450	Back	219	219	219	9.50	9.50	17.82	18	0.1	No	No
	2450	Left	2.7	2.7	5	9.50	9.50	17.82	18	5.6	Yes	Yes
	2450	Left-Front	15.3	15.3	15	9.50	9.50	17.82	18	1.9	No	Yes *1
	2450	Left-Top	2.7	2.7	5	9.50	9.50	17.82	18	5.6	Yes	Yes
	2450	Right	118.4	118.4	118	9.50	9.50	17.82	18	0.2	No	Yes *1
	2450	Right-Top	118.4	118.4	118	9.50	9.50	17.82	18	0.2	No	Yes *1
	2450	Top	93	93	93	9.50	9.50	17.82	18	0.3	No	No
Wi-Fi 5 GHz	5800	Front	51.3	51.3	51	11.50	11.50	28.26	28	1.3	No	No
	5800	Back	219	219	219	11.50	11.50	28.26	28	0.3	No	No
	5800	Left	2.7	2.7	5	11.50	11.50	28.26	28	13.5	Yes	Yes
	5800	Left-Front	15.3	15.3	15	11.50	11.50	28.26	28	4.5	Yes	Yes
	5800	Left-Top	2.7	2.7	5	11.50	11.50	28.26	28	13.5	Yes	Yes
	5800	Right	118.4	118.4	118	11.50	11.50	28.26	28	0.6	No	Yes *1
	5800	Right-Top	118.4	118.4	118	11.50	11.50	28.26	28	0.6	No	Yes *1
	5800	Top	93	93	93	11.50	11.50	28.26	28	0.7	No	No
Bluetooth	2450	Front	51.3	51.3	51	10.10	N/A	10.23	10	0.3	No	No
	2450	Back	219	219	219	10.10	N/A	10.23	10	0.1	No	No
	2450	Left	2.7	2.7	5	10.10	N/A	10.23	10	3.1	Yes	Yes
	2450	Left-Front	15.3	15.3	15	10.10	N/A	10.23	10	1.0	No	Yes *1
	2450	Left-Top	2.7	2.7	5	10.10	N/A	10.23	10	3.1	Yes	Yes
	2450	Right	118.4	118.4	118	10.10	N/A	10.23	10	0.1	No	Yes *1
	2450	Right-Top	118.4	118.4	118	10.10	N/A	10.23	10	0.1	No	Yes *1
	2450	Top	93	93	93	10.10	N/A	10.23	10	0.2	No	No
	2450	Bottom	60.5	60.5	61	10.10	N/A	10.23	10	0.3	No	No

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

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)	SAR Tested
						Chain0 (dBm)	Chain1 (dBm)	Total (mW)	rounded (mW)			
Wi-Fi 2.4 GHz	2450	Front	228	228	228	9.50	9.50	17.82	18	0.1	No	No
	2450	Back	31.6	31.6	32	9.50	9.50	17.82	18	0.9	No	No
	2450	Left	106	106	106	9.50	9.50	17.82	18	0.3	No	Yes *1
	2450	Left-Front	191.1	191.1	191	9.50	9.50	17.82	18	0.1	No	Yes *1
	2450	Left-Top	106	106	106	9.50	9.50	17.82	18	0.3	No	Yes *1
	2450	Right	5.2	5.2	5	9.50	9.50	17.82	18	5.6	Yes	Yes
	2450	Right-Top	3.3	3.3	5	9.50	9.50	17.82	18	5.6	Yes	Yes
	2450	Top	81.1	81.1	81	9.50	9.50	17.82	18	0.3	No	No
Wi-Fi 5 GHz	5800	Front	228	228	228	11.50	11.50	28.26	28	0.3	No	No
	5800	Back	31.6	31.6	32	11.50	11.50	28.26	28	2.1	No	No
	5800	Left	106	106	106	11.50	11.50	28.26	28	0.6	No	Yes *1
	5800	Left-Front	191.1	191.1	191	11.50	11.50	28.26	28	0.4	No	Yes *1
	5800	Left-Top	106	106	106	11.50	11.50	28.26	28	0.6	No	Yes *1
	5800	Right	5.2	5.2	5	11.50	11.50	28.26	28	13.5	Yes	Yes
	5800	Right-Top	3.3	3.3	5	11.50	11.50	28.26	28	13.5	Yes	Yes
	5800	Top	81.1	81.1	81	11.50	11.50	28.26	28	0.8	No	No
	5800	Bottom	88.5	88.5	89	11.50	11.50	28.26	28	0.8	No	No

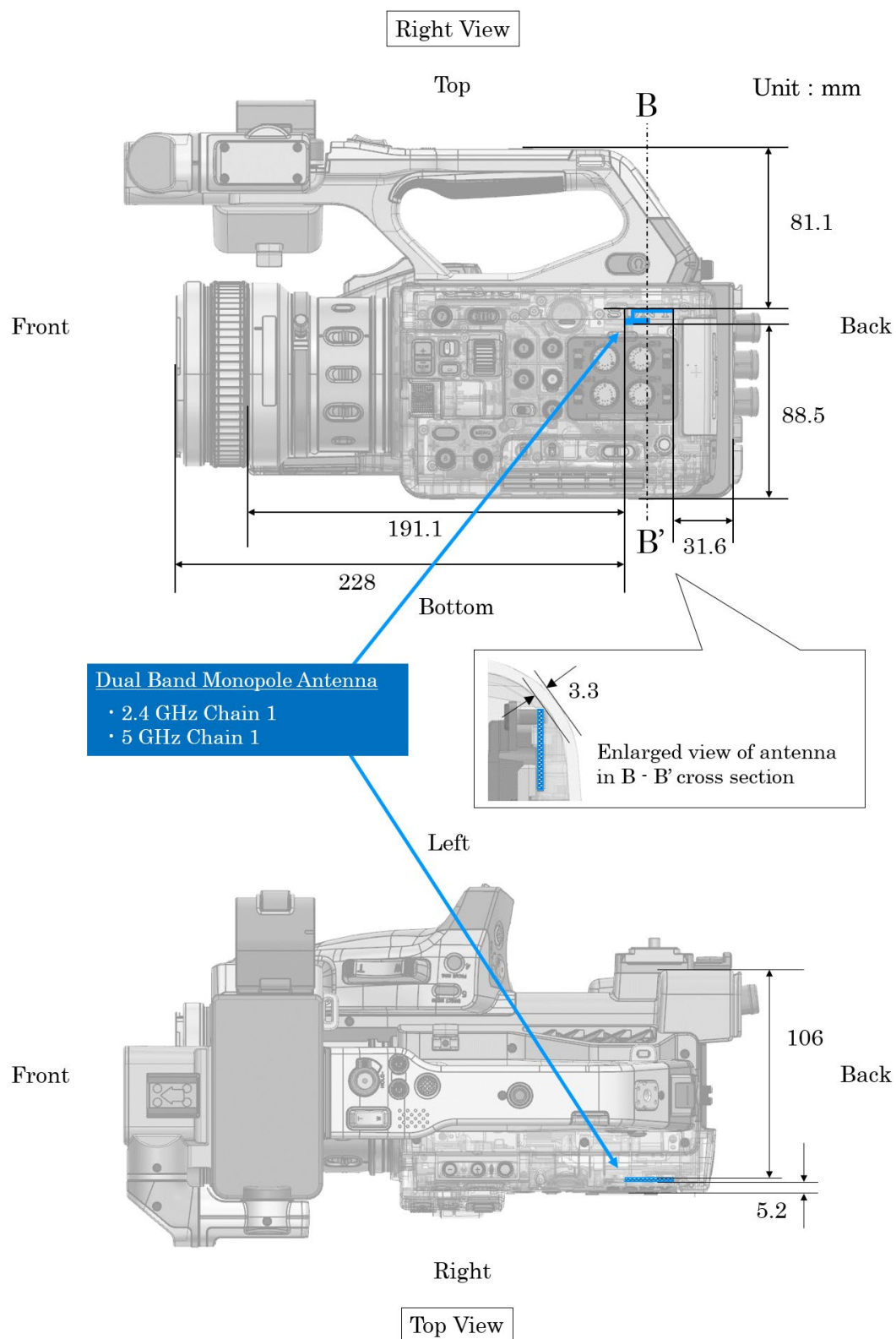
*1 Tested because its exclusion thresholds are close to 3.0, or for the simultaneous transmission analysis.



(a) Chain 0

Figure D-8

Antenna Dimensions and Separation Distances



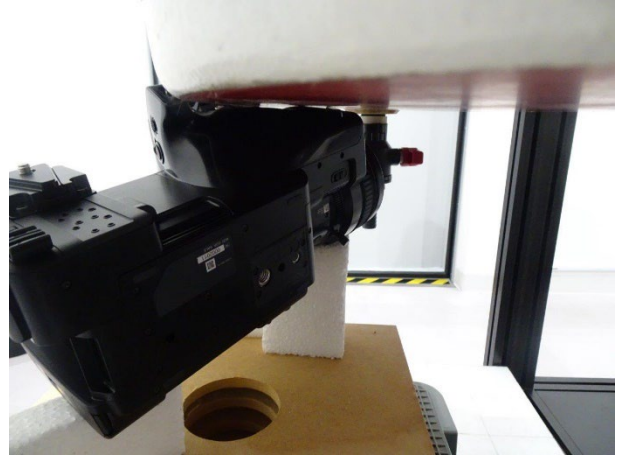
(b) Chain 1

Figure D-8 Antenna Dimensions and Separation Distances

D.3. Body-Worn Exposure Conditions



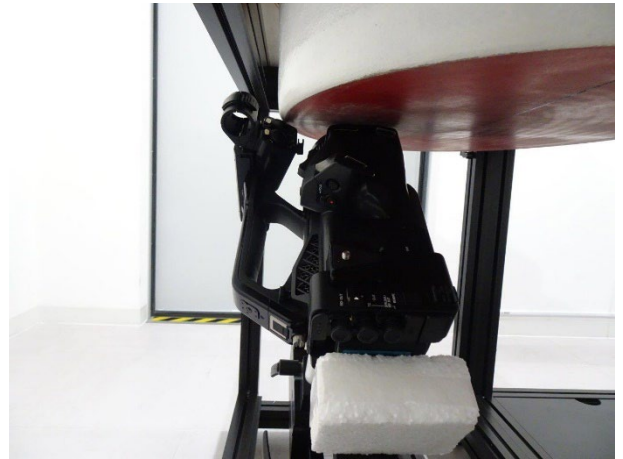
Figure D-9



Left



Figure D-10



Left-Front



Figure D-11



Left-Top



Figure D-12



Right



Figure D-13



Right-Top

End of Test Report