

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.	1VY004
Test Sample Condition	<input type="checkbox"/> Prototype <input checked="" type="checkbox"/> Pre-production <input type="checkbox"/> Mass-production * Not for sale: The sample is equivalent to mass-production items. * No modification by the test lab.
Serial No.	540
Rating	Li-ion Battery DC 7.2 V/ 2280 mAh <input type="checkbox"/> 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-Right	Back	Left	Right	Top	Top-Dial	Top-Slot	Bottom
Chain0	9.14	≈ 9.14	27.4	37.35	88.71	2.9	≈ 2.9	57.5	73.17
Chain1	4.82	≈ 4.82	17.85	94.99	31.21	8.56	30.6	0	76.8

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

RF Exposure Conditions

Wireless Technologies	RF Exposure Conditions	User-to-Host Distance (mm)	Test Position	Host-to-Ant. Distance (mm)		SAR Required	Note(s)
				Chain 0	Chain 1		
Wi-Fi/ Bluetooth	Body-Worn	0	Front	9.14	4.82	N/A	1
			Front-Right	≈ 9.14	≈ 4.82	Yes	1
			Back	27.4	17.85	Yes	
			Left	37.35	94.99	Yes	
			Right	88.71	31.21	Yes	
			Top	2.9	8.56	N/A	2
			Top-Dial	≈ 2.9	30.6	Yes	2
			Top-Slot	57.5	0	Yes	2
			Bottom	73.17	76.8	Yes	

Note(s):

- Due to the shape of the protruding portion of the front surface of the host platform, SAR was evaluated with the "Front-Right" test position, instead of the "Front" test position. Please refer to Appendix D for more details.
- Due to the shape of the protruding portion of the top surface of the host platform, SAR was evaluated with the "Top-Dial" and "Top-Slot" test position, instead of the "Top" test position. Please refer to Appendix D for more details.

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-Right	9.14	9.14	9	9.5	9.5	17.8	18	3.1	Yes
	2450	Back	27.4	27.4	27	9.5	9.5	17.8	18	1.0	No
	2450	Left	37.35	37.35	37	9.5	9.5	17.8	18	0.8	No
	2450	Right	88.71	88.71	89	9.5	9.5	17.8	18	0.3	No
	2450	Top-Dial	2.9	2.9	5	9.5	9.5	17.8	18	5.6	Yes
	2450	Top-Slot	57.5	57.5	58	9.5	9.5	17.8	18	0.5	No
	2450	Bottom	73.17	73.17	73	9.5	9.5	17.8	18	0.4	No
Wi-Fi 5 GHz (Chain0)	5800	Front-Right	9.14	9.14	9	11.5	11.5	28.3	28	7.5	Yes
	5800	Back	27.4	27.4	27	11.5	11.5	28.3	28	2.5	No
	5800	Left	37.35	37.35	37	11.5	11.5	28.3	28	1.8	No
	5800	Right	88.71	88.71	89	11.5	11.5	28.3	28	0.8	No
	5800	Top-Dial	2.9	2.9	5	11.5	11.5	28.3	28	13.5	Yes
	5800	Top-Slot	57.5	57.5	58	11.5	11.5	28.3	28	1.2	No
	5800	Bottom	73.17	73.17	73	11.5	11.5	28.3	28	0.9	No
Bluetooth	2450	Front-Right	9.14	9.14	9	10.1	-	10.2	10	1.7	No
	2450	Back	27.4	27.4	27	10.1	-	10.2	10	0.6	No
	2450	Left	37.35	37.35	37	10.1	-	10.2	10	0.4	No
	2450	Right	88.71	88.71	89	10.1	-	10.2	10	0.2	No
	2450	Top-Dial	2.9	2.9	5	10.1	-	10.2	10	3.1	Yes
	2450	Top-Slot	57.5	57.5	58	10.1	-	10.2	10	0.3	No
	2450	Bottom	73.17	73.17	73	10.1	-	10.2	10	0.2	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-Right	4.82	4.82	5	9.5	9.5	17.8	18	5.6	Yes
	2450	Back	17.85	17.85	18	9.5	9.5	17.8	18	1.6	No
	2450	Left	94.99	94.99	95	9.5	9.5	17.8	18	0.3	No
	2450	Right	31.21	31.21	31	9.5	9.5	17.8	18	0.9	No
	2450	Top-Dial	30.6	30.6	31	9.5	9.5	17.8	18	0.9	No
	2450	Top-Slot	0	0	5	9.5	9.5	17.8	18	5.6	Yes
	2450	Bottom	76.8	76.8	77	9.5	9.5	17.8	18	0.4	No
Wi-Fi 5 GHz (Chain1)	5800	Front-Right	4.82	4.82	5	11.5	11.5	28.3	28	13.5	Yes
	5800	Back	17.85	17.85	18	11.5	11.5	28.3	28	3.7	Yes
	5800	Left	94.99	94.99	95	11.5	11.5	28.3	28	0.7	No
	5800	Right	31.21	31.21	31	11.5	11.5	28.3	28	2.2	No
	5800	Top-Dial	30.6	30.6	31	11.5	11.5	28.3	28	2.2	No
	5800	Top-Slot	0	0	5	11.5	11.5	28.3	28	13.5	Yes
	5800	Bottom	76.8	76.8	77	11.5	11.5	28.3	28	0.9	No

Unit : mm

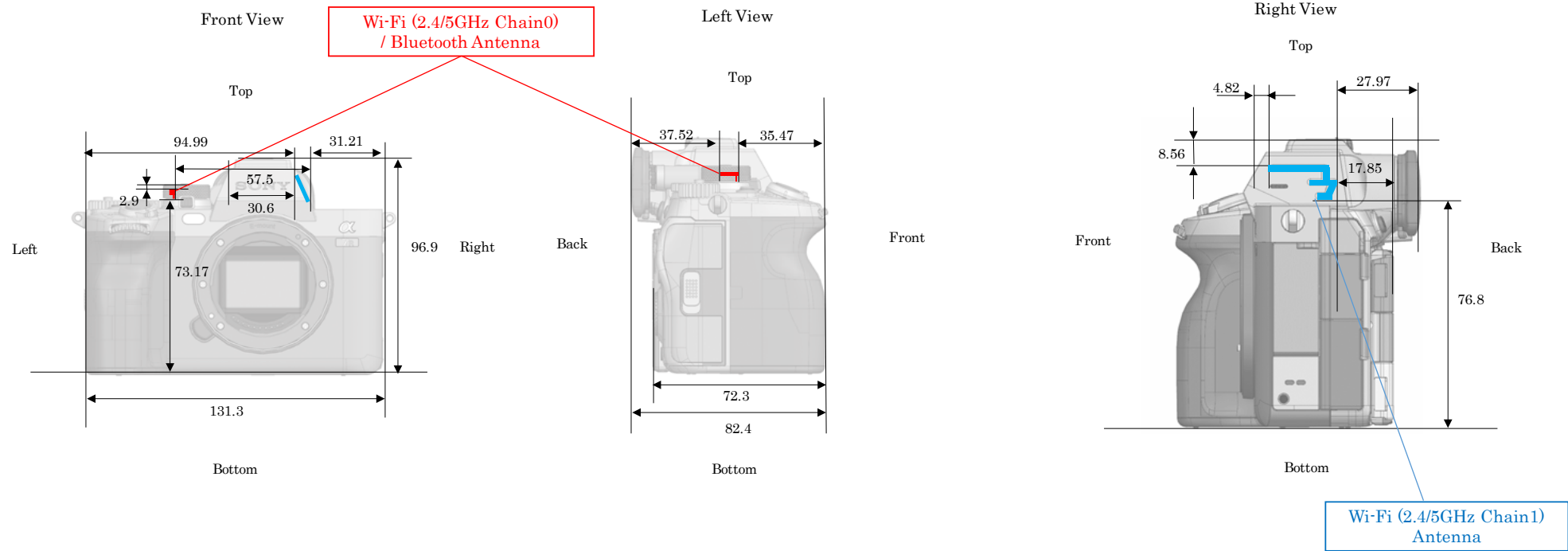


Figure D-7 Antenna Dimensions and Separation Distances

Unit : mm



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

D.3. Body-Worn Exposure Conditions

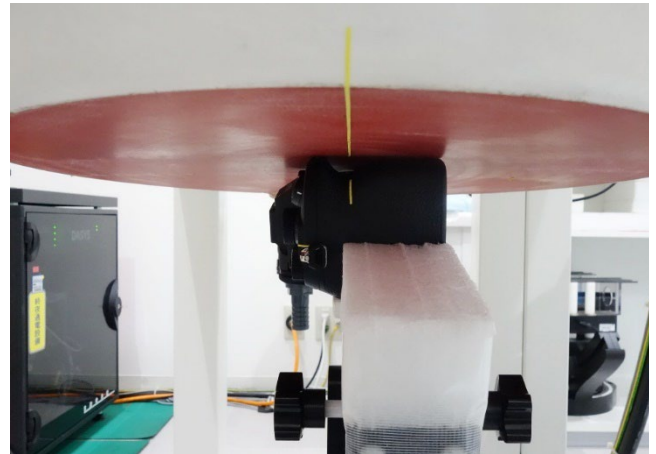
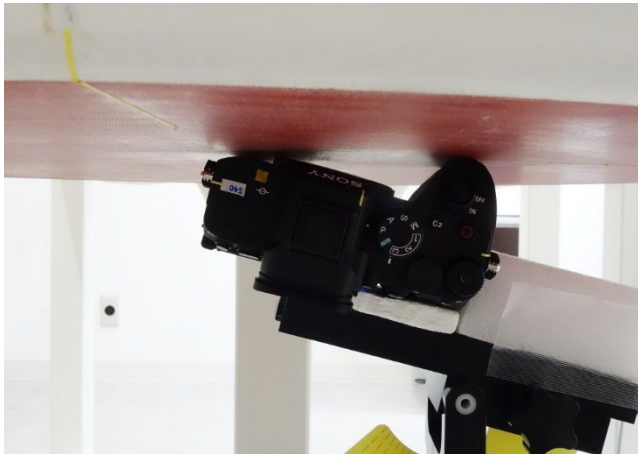


Figure D-8

Front-Right

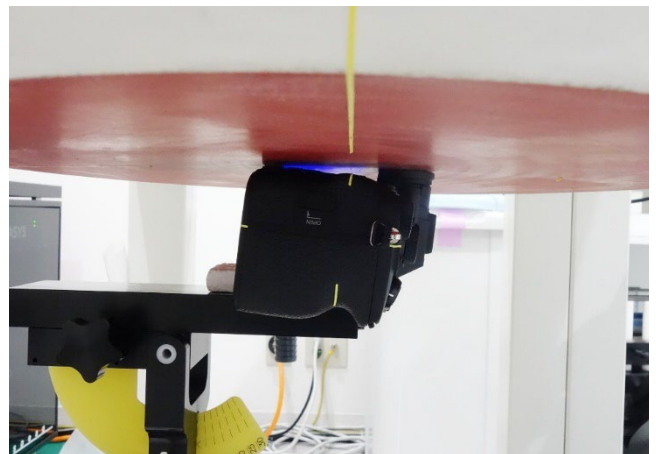
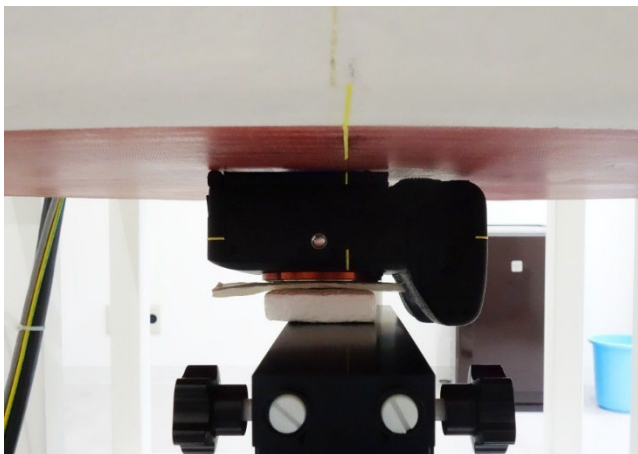


Figure D-9

Back

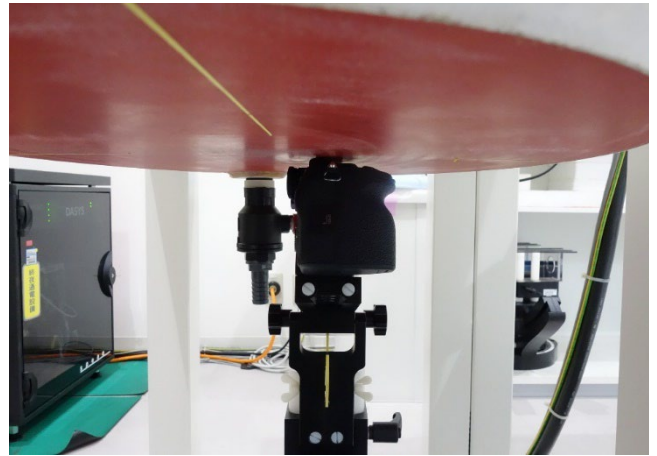


Figure D-10

Top-Dial

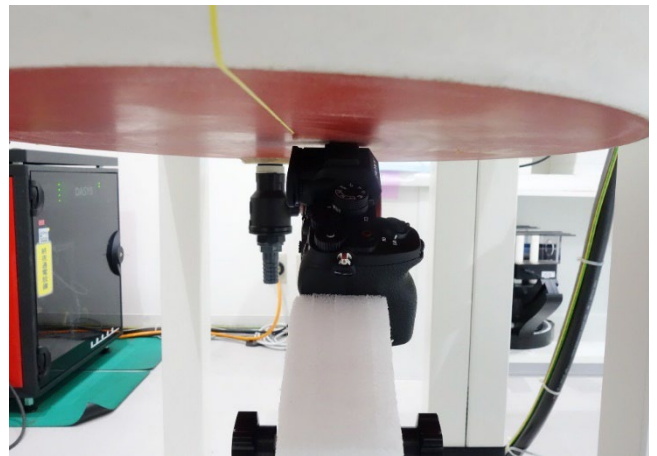


Figure D-11

Top-Slot