

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.	1VY010
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.	194
Rating	Li-ion Battery DC 7.2 V/ 2280 mAh ☐ Not user accessible.
Head/Body-Worn Accessories	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-Left	Top-Right	Bottom
Chain0	38.1	10.9	26.9	43.2	90.7	2.9	2.9	48.2	73.2
Chain1	32.5	5.4	17.3	100.6	30.4	6.1	28.2	6.1	79.6

* 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	38.1	32.5	N/A	1
			Front-Right	10.9	5.4	Yes	1
			Back	26.9	17.3	Yes	
			Left	43.2	100.6	Yes	
			Right	90.7	30.4	Yes	
			Top	2.9	6.1	N/A	2
			Top-Left	2.9	28.2	Yes	2
			Top-Right	48.2	6.1	Yes	2
			Bottom	73.2	79.6	Yes	

Note(s):

- Due to the shape of the protruding portion of the front surface of the host, 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, SAR was evaluated with the "Top-Left" and "Top-Right" test positions, 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 (Chain 0)	2450	Front-Right	10.9	10.9	11	9.5	9.5	17.8	18	2.6	No
	2450	Back	26.9	26.9	27	9.5	9.5	17.8	18	1.0	No
	2450	Left	43.2	43.2	43	9.5	9.5	17.8	18	0.7	No
	2450	Right	90.7	90.7	91	9.5	9.5	17.8	18	0.3	No
	2450	Top-Left	2.9	2.9	5	9.5	9.5	17.8	18	5.6	Yes
	2450	Top-Right	48.2	48.2	48	9.5	9.5	17.8	18	0.6	No
	2450	Bottom	73.2	73.2	73	9.5	9.5	17.8	18	0.4	No
Wi-Fi 5 GHz (Chain 0)	5800	Front-Right	10.9	10.9	11	11.5	11.5	28.3	28	6.1	Yes
	5800	Back	26.9	26.9	27	11.5	11.5	28.3	28	2.5	No
	5800	Left	43.2	43.2	43	11.5	11.5	28.3	28	1.6	No
	5800	Right	90.7	90.7	91	11.5	11.5	28.3	28	0.7	No
	5800	Top-Left	2.9	2.9	5	11.5	11.5	28.3	28	13.5	Yes
	5800	Top-Right	48.2	48.2	48	11.5	11.5	28.3	28	1.4	No
	5800	Bottom	73.2	73.2	73	11.5	11.5	28.3	28	0.9	No
Bluetooth	2450	Front-Right	10.9	10.9	11	10.1	-	10.2	10	1.4	No
	2450	Back	26.9	26.9	27	10.1	-	10.2	10	0.6	No
	2450	Left	43.2	43.2	43	10.1	-	10.2	10	0.4	No
	2450	Right	90.7	90.7	91	10.1	-	10.2	10	0.2	No
	2450	Top-Left	2.9	2.9	5	10.1	-	10.2	10	3.1	Yes
	2450	Top-Right	48.2	48.2	48	10.1	-	10.2	10	0.3	No
	2450	Bottom	73.2	73.2	73	10.1	-	10.2	10	0.2	No

Note(s):

* In addition to the test positions indicated as "SAR Required: Yes" in the table above, other test positions were also measured for the simultaneous transmission analysis. Please refer 4.1 for more details.

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 2.4GHz (Chain 1)	2450	Front-Right	5.4	5.4	5	9.5	9.5	17.8	18	5.6	Yes
	2450	Back	17.3	17.3	17	9.5	9.5	17.8	18	1.7	No
	2450	Left	100.6	100.6	101	9.5	9.5	17.8	18	0.3	No
	2450	Right	30.4	30.4	30	9.5	9.5	17.8	18	0.9	No
	2450	Top-Left	28.2	28.2	28	9.5	9.5	17.8	18	1.0	No
	2450	Top-Right	6.1	6.1	6	9.5	9.5	17.8	18	4.7	Yes
	2450	Bottom	79.6	79.6	80	9.5	9.5	17.8	18	0.4	No
Wi-Fi 5GHz (Chain 1)	5800	Front-Right	5.4	5.4	5	11.5	11.5	28.3	28	13.5	Yes
	5800	Back	17.3	17.3	17	11.5	11.5	28.3	28	4.0	Yes
	5800	Left	100.6	100.6	101	11.5	11.5	28.3	28	0.7	No
	5800	Right	30.4	30.4	30	11.5	11.5	28.3	28	2.2	No
	5800	Top-Left	28.2	28.2	28	11.5	11.5	28.3	28	2.4	No
	5800	Top-Right	6.1	6.1	6	11.5	11.5	28.3	28	11.2	Yes
	5800	Bottom	79.6	79.6	80	11.5	11.5	28.3	28	0.8	No

Note(s):

* In addition to the test positions indicated as "SAR Required: Yes" in the table above, other test positions were also measured for the simultaneous transmission analysis. Please refer 4.1 for more details.

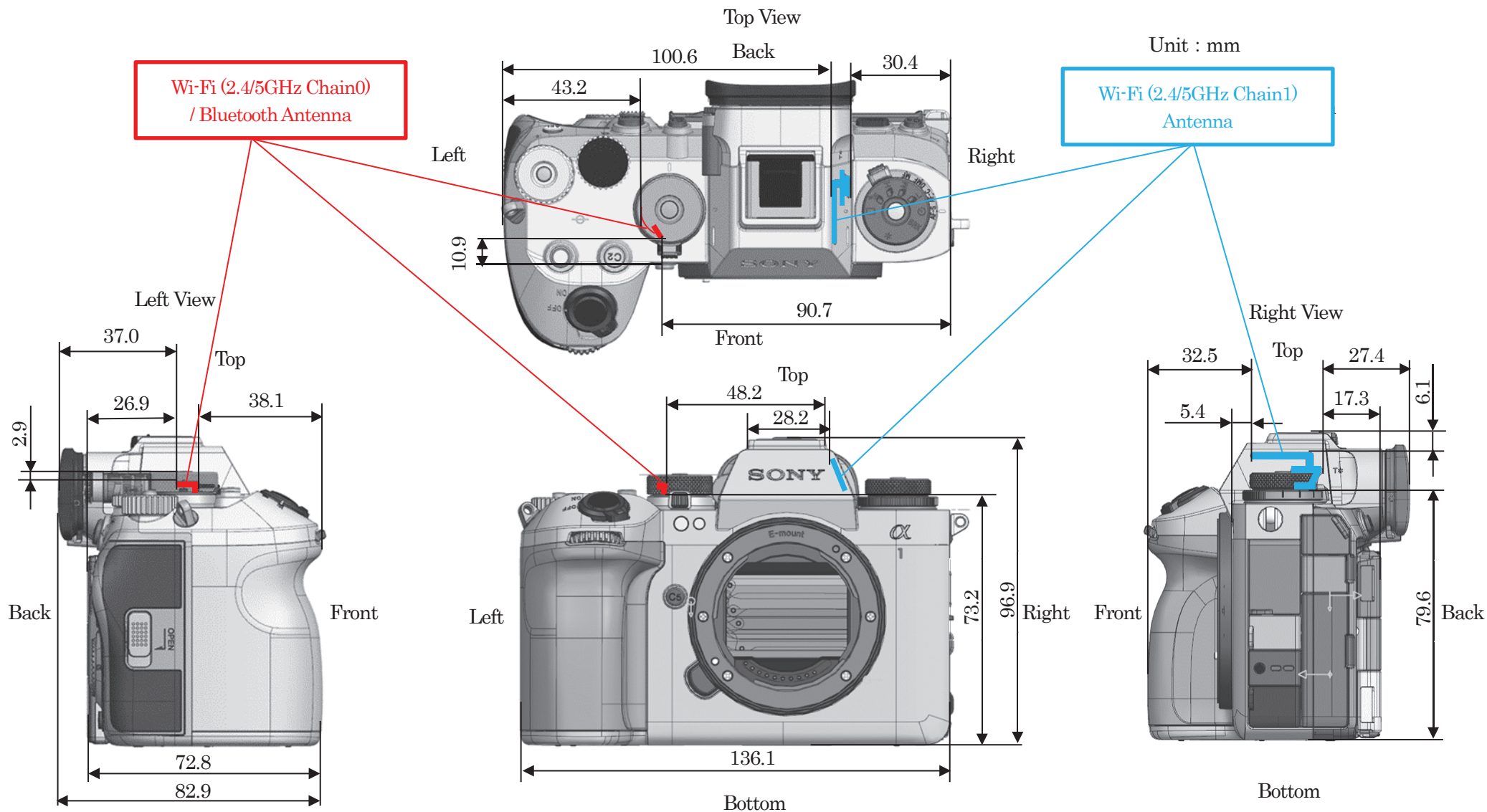


Figure D-7 Antenna Dimensions and Separation Distances

D.3. Body-Worn Exposure Conditions

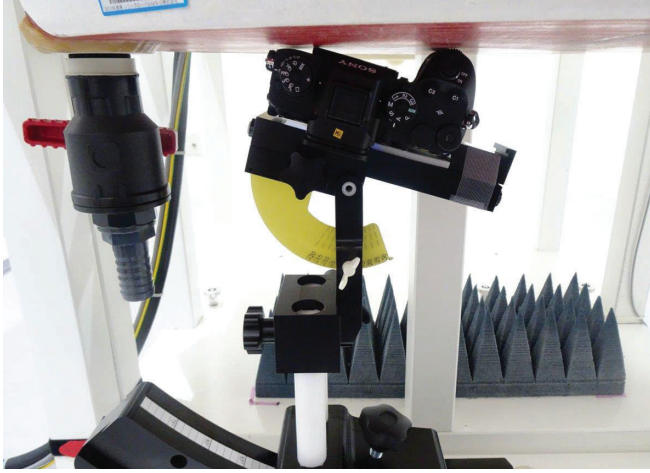
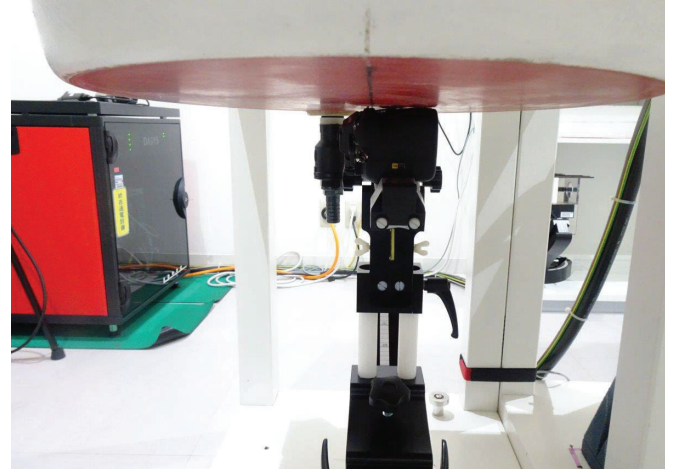


Figure D-8



Front-Right

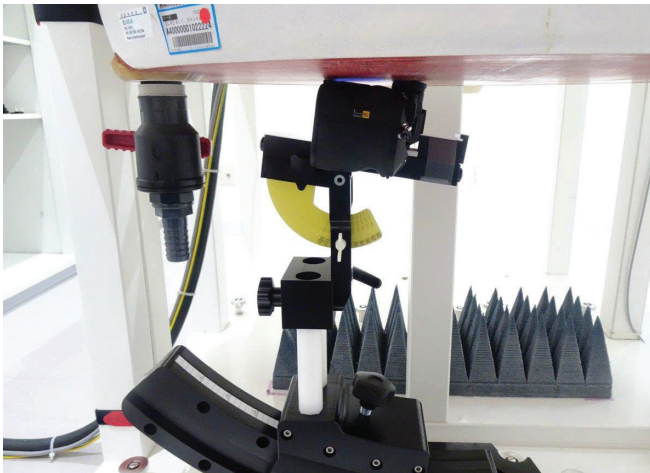
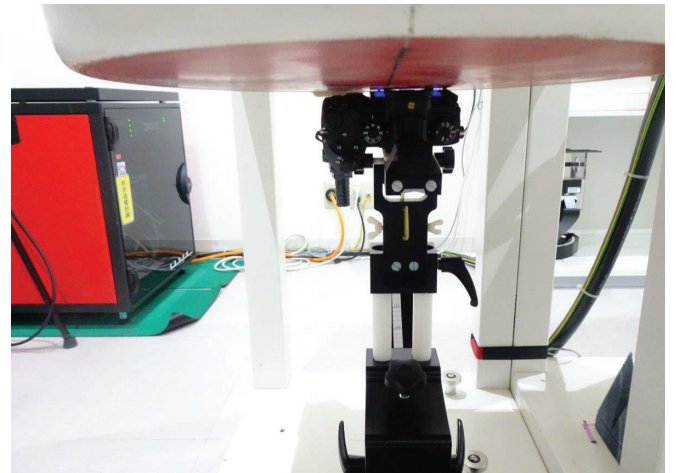


Figure D-9



Back

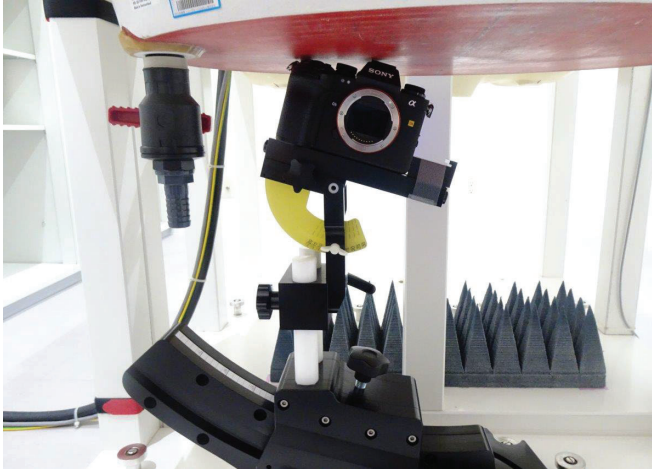
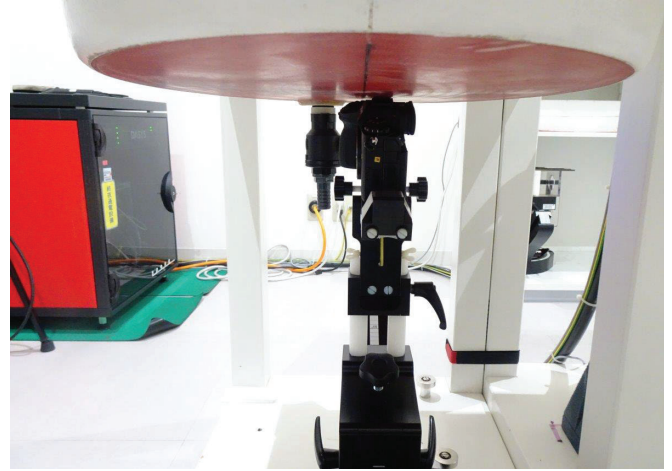


Figure D-10



Top-Left

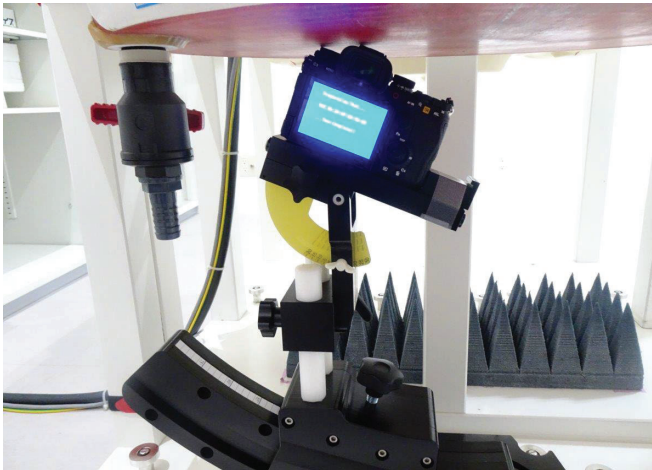
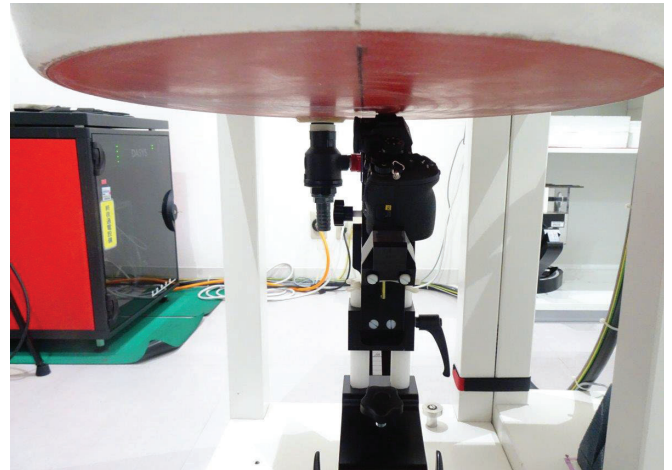


Figure D-11



Top-Right