

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.	1VY012
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.	0008265
Rating	Li-ion Battery DC 7.2 V/ 2280 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	Front-Right	Back	Left	Right	Top	Bottom
Chain 0	49.8	13.2	30.5	126.7	3.0	36.3	21.8
Chain 1	14.5	6.5	60.9	12.9	109.5	43.6	10.8

* 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	49.8	14.5	Yes	-
			Front-Right	13.2	6.5	Yes	-
			Back	30.5	60.9	Yes	-
			Left	126.7	12.9	Yes	-
			Right	3.0	109.5	Yes	-
			Top	36.3	43.6	Yes	-
			Bottom	21.8	10.8	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	49.8	49.8	50	9.50	9.50	17.82	18	0.6	No	Yes *1
	2450	Front-Right	13.2	13.2	13	9.50	9.50	17.82	18	2.2	No	Yes *1
	2450	Back	30.5	30.5	31	9.50	9.50	17.82	18	0.9	No	-
	2450	Left	126.7	126.7	127	9.50	9.50	17.82	18	0.2	No	Yes *1
	2450	Right	3.0	3.0	5	9.50	9.50	17.82	18	5.6	Yes	Yes
	2450	Top	36.3	36.3	36	9.50	9.50	17.82	18	0.8	No	-
	2450	Bottom	21.8	21.8	22	9.50	9.50	17.82	18	1.3	No	Yes *1
Wi-Fi 5 GHz	5800	Front	49.8	49.8	50	11.50	11.50	28.26	28	1.3	No	Yes *1
	5800	Front-Right	13.2	13.2	13	11.50	11.50	28.26	28	5.2	Yes	Yes
	5800	Back	30.5	30.5	31	11.50	11.50	28.26	28	2.2	No	-
	5800	Left	126.7	126.7	127	11.50	11.50	28.26	28	0.5	No	Yes *1
	5800	Right	3.0	3.0	5	11.50	11.50	28.26	28	13.5	Yes	Yes
	5800	Top	36.3	36.3	36	11.50	11.50	28.26	28	1.9	No	-
	5800	Bottom	21.8	21.8	22	11.50	11.50	28.26	28	3.1	Yes	Yes
Bluetooth	2450	Front	49.8	49.8	50	10.10	N/A	10.23	10	0.3	No	Yes *1
	2450	Front-Right	13.2	13.2	13	10.10	N/A	10.23	10	1.2	No	Yes *1
	2450	Back	30.5	30.5	31	10.10	N/A	10.23	10	0.5	No	-
	2450	Left	126.7	126.7	127	10.10	N/A	10.23	10	0.1	No	Yes *1
	2450	Right	3.0	3.0	5	10.10	N/A	10.23	10	3.1	Yes	Yes
	2450	Top	36.3	36.3	36	10.10	N/A	10.23	10	0.4	No	-
	2450	Bottom	21.8	21.8	22	10.10	N/A	10.23	10	0.7	No	Yes *1

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	14.5	14.5	15	9.50	9.50	17.82	18	1.9	No	Yes *1
	2450	Front-Right	6.5	6.5	7	9.50	9.50	17.82	18	4.0	Yes	Yes
	2450	Back	60.9	60.9	61	9.50	9.50	17.82	18	0.5	No	-
	2450	Left	12.9	12.9	13	9.50	9.50	17.82	18	2.2	No	Yes *1
	2450	Right	109.5	109.5	110	9.50	9.50	17.82	18	0.3	No	Yes *1
	2450	Top	43.6	43.6	44	9.50	9.50	17.82	18	0.6	No	-
	2450	Bottom	10.8	10.8	11	9.50	9.50	17.82	18	2.6	No	Yes *1
Wi-Fi 5 GHz	5800	Front	14.5	14.5	15	11.50	11.50	28.26	28	4.5	Yes	Yes
	5800	Front-Right	6.5	6.5	7	11.50	11.50	28.26	28	9.6	Yes	Yes
	5800	Back	60.9	60.9	61	11.50	11.50	28.26	28	1.1	No	-
	5800	Left	12.9	12.9	13	11.50	11.50	28.26	28	5.2	Yes	Yes
	5800	Right	109.5	109.5	110	11.50	11.50	28.26	28	0.6	No	Yes *1
	5800	Top	43.6	43.6	44	11.50	11.50	28.26	28	1.5	No	-
	5800	Bottom	10.8	10.8	11	11.50	11.50	28.26	28	6.1	Yes	Yes

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

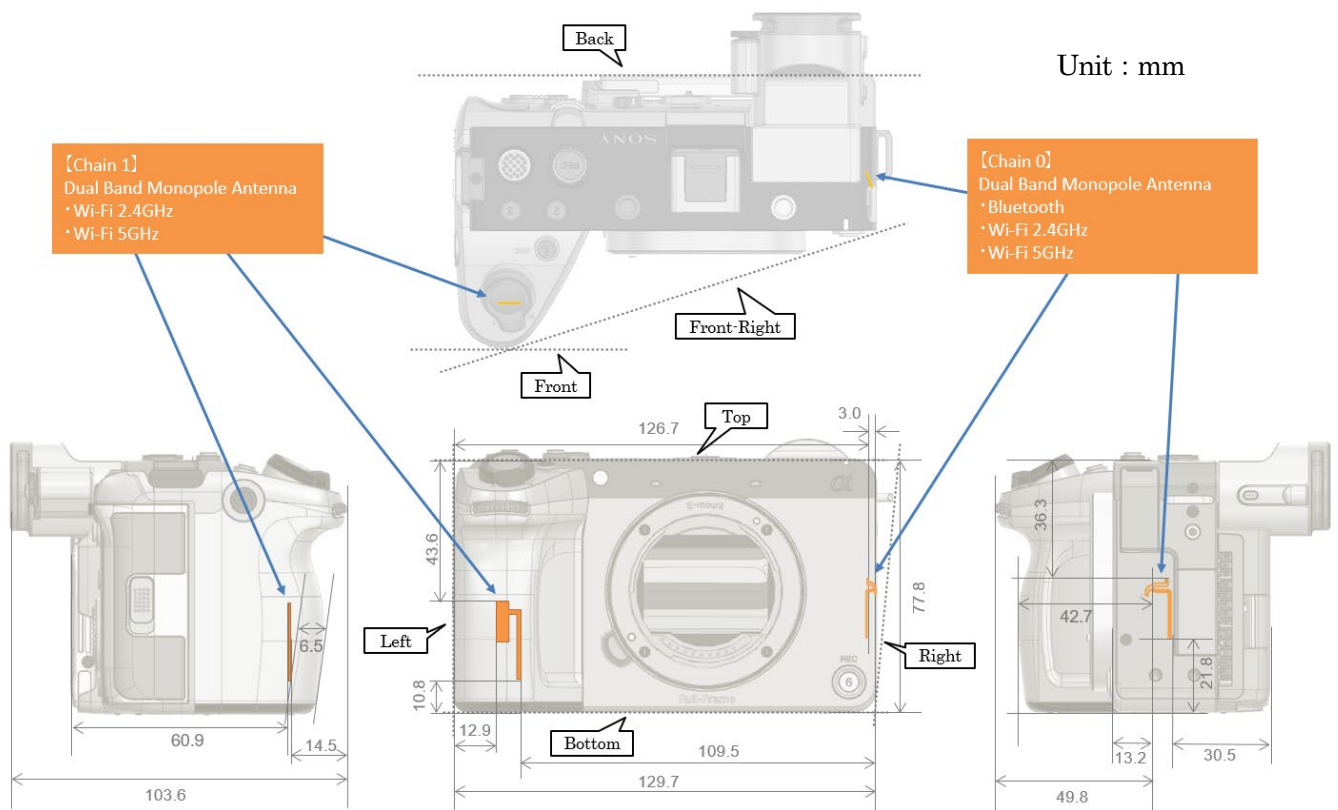


Figure D-8 Antenna Dimensions and Separation Distances

D.3. Body-Worn Exposure Conditions



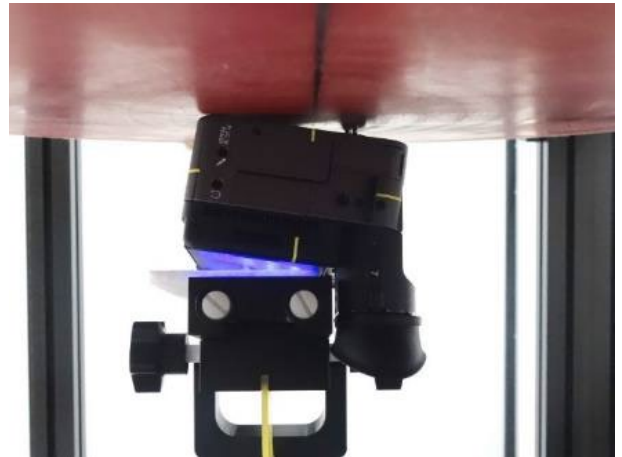
Figure D-9



Front



Figure D-10



Front-Right



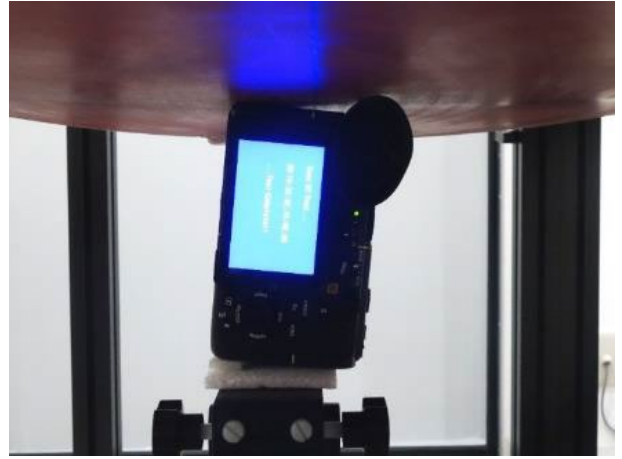
Figure D-11



Left



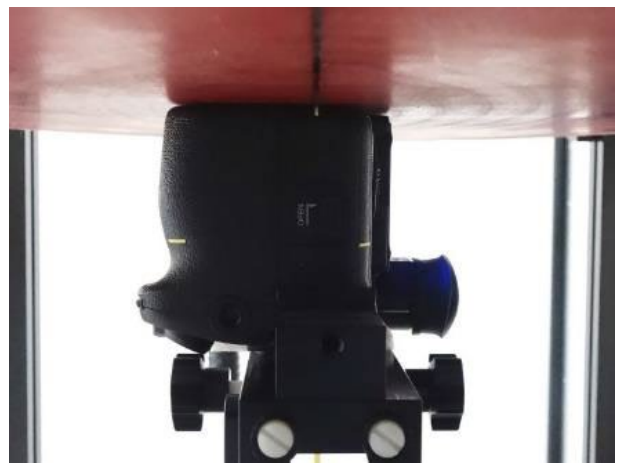
Figure D-12



Right



Figure D-13



Bottom

End of Test Report