

Appendix D. Photographs

D.1. Host 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.	2CX
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.	0007122, 0007180
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-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
Chain 0	36.17	8.71	40.43	37.54	87.49	≈ 10.9	1.90	48.50	73.17
Chain 1	32.07	5.35	27.94	95.25	30.14	8.02	28.66	4.63	77.08

* 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/ Bluetooth	Body-Worn	0	Front	36.17	32.07	N/A	*1
			Front-Right	8.71	5.35	Yes	*1
			Back	40.43	27.94	Yes	-
			Left	37.54	95.25	Yes	-
			Right	87.49	30.14	Yes	-
			Top	≈ 10.9	8.02	N/A	*2
			Top-Left	1.90	28.66	Yes	*2
			Top-Right	48.50	4.63	Yes	*2
			Bottom	73.17	77.08	Yes	-

*1. 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.

*2. 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.

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

Freq. Band	Freq. (MHz)	Test Position	DUT-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
						Chain 0 (dBm)	Chain 1 (dBm)	Total (mW)	Rounded (mW)			
Bluetooth	2450	Front-Right	8.71	8.71	9	10.0	N/A	10.0	10	1.7	No	Yes *1
	2450	Back	40.43	40.43	40	10.0	N/A	10.0	10	0.4	No	Yes *1
	2450	Left	37.54	37.54	38	10.0	N/A	10.0	10	0.4	No	-
	2450	Right	87.49	87.49	87	10.0	N/A	10.0	10	0.2	No	-
	2450	Top-Left	1.90	1.90	5	10.0	N/A	10.0	10	3.1	Yes	Yes
	2450	Top-Right	48.50	48.50	49	10.0	N/A	10.0	10	0.3	No	Yes *1
	2450	Bottom	73.17	73.17	73	10.0	N/A	10.0	10	0.2	No	-
Wi-Fi 2.4 GHz	2450	Front-Right	8.71	8.71	9	9.5	9.5	17.8	18	3.1	Yes	Yes
	2450	Back	40.43	40.43	40	9.5	9.5	17.8	18	0.7	No	Yes *1
	2450	Left	37.54	37.54	38	9.5	9.5	17.8	18	0.7	No	-
	2450	Right	87.49	87.49	87	9.5	9.5	17.8	18	0.3	No	-
	2450	Top-Left	1.90	1.90	5	9.5	9.5	17.8	18	5.6	Yes	Yes
	2450	Top-Right	48.50	48.50	49	9.5	9.5	17.8	18	0.6	No	Yes *1
	2450	Bottom	73.17	73.17	73	9.5	9.5	17.8	18	0.4	No	-
Wi-Fi 5 GHz	5800	Front-Right	8.71	8.71	9	11.5	11.5	28.3	28	7.5	Yes	Yes
	5800	Back	40.43	40.43	40	11.5	11.5	28.3	28	1.7	No	Yes *1
	5800	Left	37.54	37.54	38	11.5	11.5	28.3	28	1.8	No	-
	5800	Right	87.49	87.49	87	11.5	11.5	28.3	28	0.8	No	-
	5800	Top-Left	1.90	1.90	5	11.5	11.5	28.3	28	13.5	Yes	Yes
	5800	Top-Right	48.50	48.50	49	11.5	11.5	28.3	28	1.4	No	Yes *1
	5800	Bottom	73.17	73.17	73	11.5	11.5	28.3	28	0.9	No	-
Wi-Fi 6 GHz	6000	Front-Right	8.71	8.71	9	11.5	11.5	28.3	28	7.6	Yes	Yes
	6000	Back	40.43	40.43	40	11.5	11.5	28.3	28	1.7	No	Yes *1
	6000	Left	37.54	37.54	38	11.5	11.5	28.3	28	1.8	No	-
	6000	Right	87.49	87.49	87	11.5	11.5	28.3	28	0.8	No	-
	6000	Top-Left	1.90	1.90	5	11.5	11.5	28.3	28	13.7	Yes	Yes
	6000	Top-Right	48.50	48.50	49	11.5	11.5	28.3	28	1.4	No	Yes *1
	6000	Bottom	73.17	73.17	73	11.5	11.5	28.3	28	0.9	No	-

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

Freq. Band	Freq. (MHz)	Test Position	DUT-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
						Chain 0 (dBm)	Chain 1 (dBm)	Total (mW)	Rounded (mW)			
Wi-Fi 2.4 GHz	2450	Front-Right	5.35	5.35	5	9.5	9.5	17.8	18	5.6	Yes	Yes
	2450	Back	27.94	27.94	28	9.5	9.5	17.8	18	1.0	No	Yes *1
	2450	Left	95.25	95.25	95	9.5	9.5	17.8	18	0.3	No	-
	2450	Right	30.14	30.14	30	9.5	9.5	17.8	18	0.9	No	-
	2450	Top-Left	28.66	28.66	29	9.5	9.5	17.8	18	1.0	No	Yes *1
	2450	Top-Right	4.63	4.63	5	9.5	9.5	17.8	18	5.6	Yes	Yes
	2450	Bottom	77.08	77.08	77	9.5	9.5	17.8	18	0.4	No	-
Wi-Fi 5 GHz	5800	Front-Right	5.35	5.35	5	11.5	11.5	28.3	28	13.5	Yes	Yes
	5800	Back	27.94	27.94	28	11.5	11.5	28.3	28	2.4	No	Yes *1
	5800	Left	95.25	95.25	95	11.5	11.5	28.3	28	0.7	No	-
	5800	Right	30.14	30.14	30	11.5	11.5	28.3	28	2.2	No	-
	5800	Top-Left	28.66	28.66	29	11.5	11.5	28.3	28	2.3	No	Yes *1
	5800	Top-Right	4.63	4.63	5	11.5	11.5	28.3	28	13.5	Yes	Yes
	5800	Bottom	77.08	77.08	77	11.5	11.5	28.3	28	0.9	No	-
Wi-Fi 6 GHz	6000	Front-Right	5.35	5.35	5	11.5	11.5	28.3	28	13.7	Yes	Yes
	6000	Back	27.94	27.94	28	11.5	11.5	28.3	28	2.4	No	Yes *1
	6000	Left	95.25	95.25	95	11.5	11.5	28.3	28	0.7	No	-
	6000	Right	30.14	30.14	30	11.5	11.5	28.3	28	2.3	No	-
	6000	Top-Left	28.66	28.66	29	11.5	11.5	28.3	28	2.4	No	Yes *1
	6000	Top-Right	4.63	4.63	5	11.5	11.5	28.3	28	13.7	Yes	Yes
	6000	Bottom	77.08	77.08	77	11.5	11.5	28.3	28	0.9	No	-

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

Unit : mm

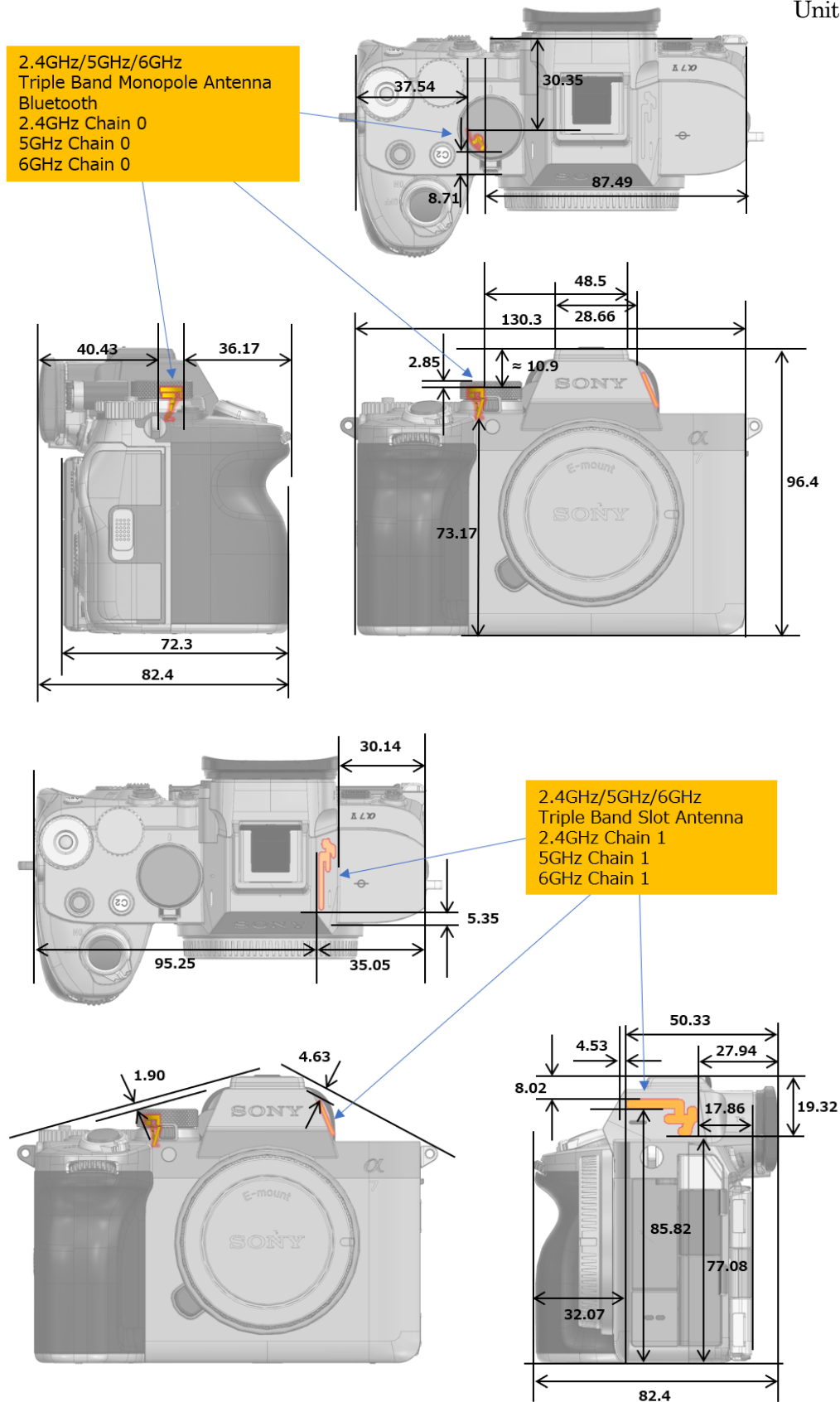


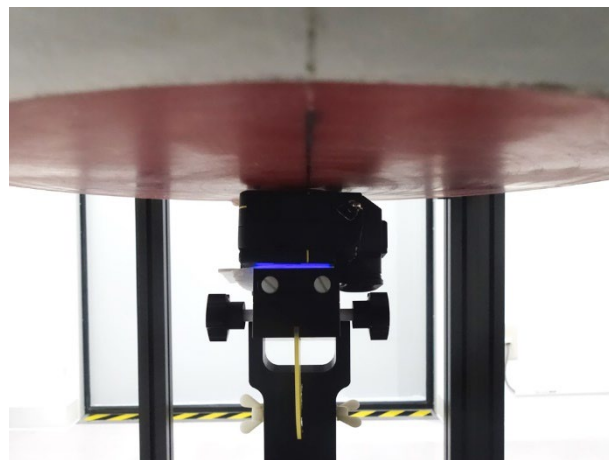
Figure D-7

Antenna Dimensions and Separation Distances

D.3. Body-Worn Exposure Conditions (SAR)



Figure D-8



Front-Right

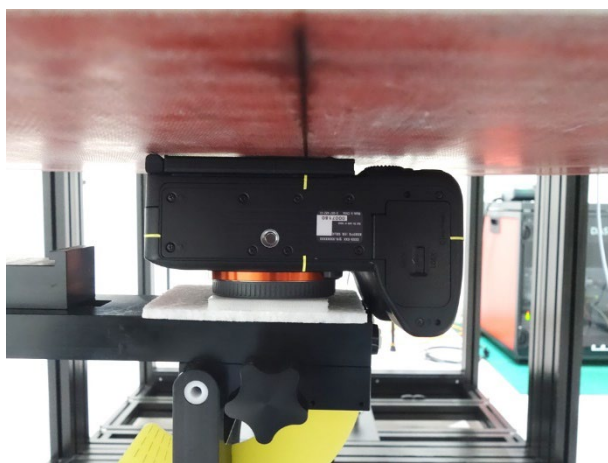
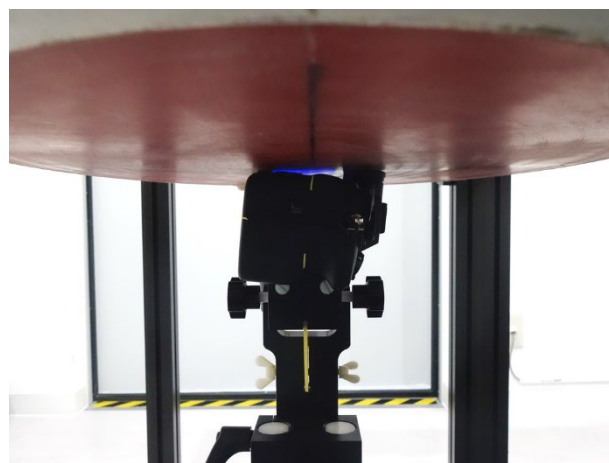


Figure D-9



Back

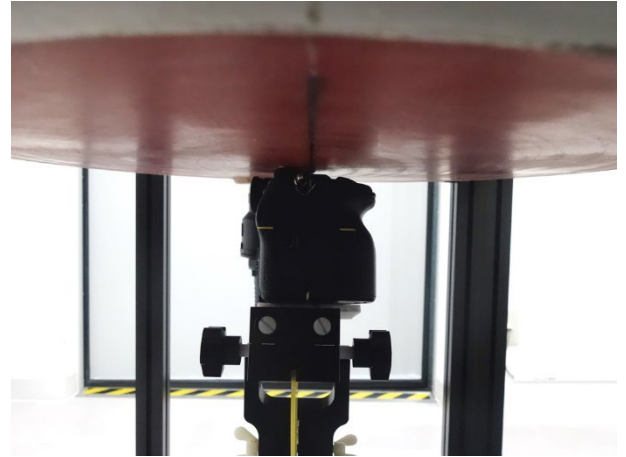


Figure D-10

Top-Left

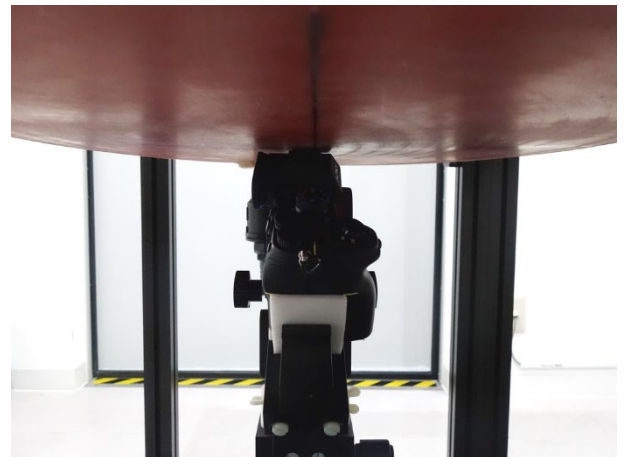


Figure D-11

Top-Right

D.4. Body-Worn Exposure Conditions (IPD)

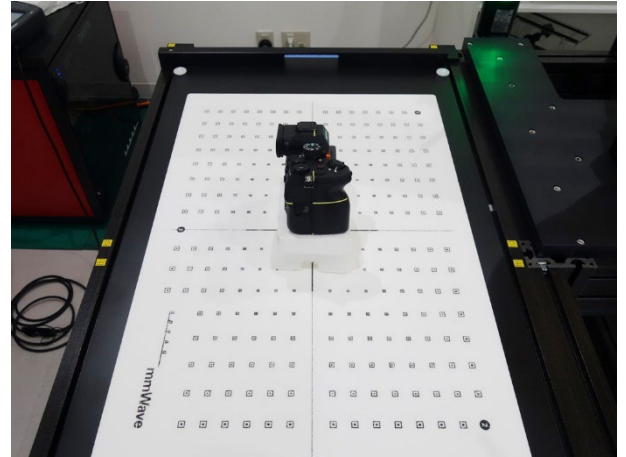
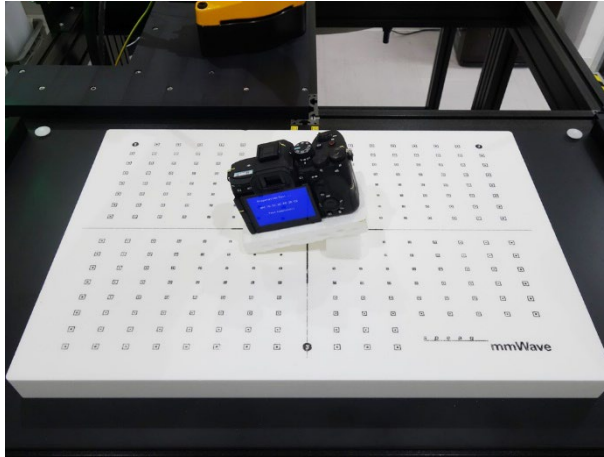


Figure D-12 Top-Left

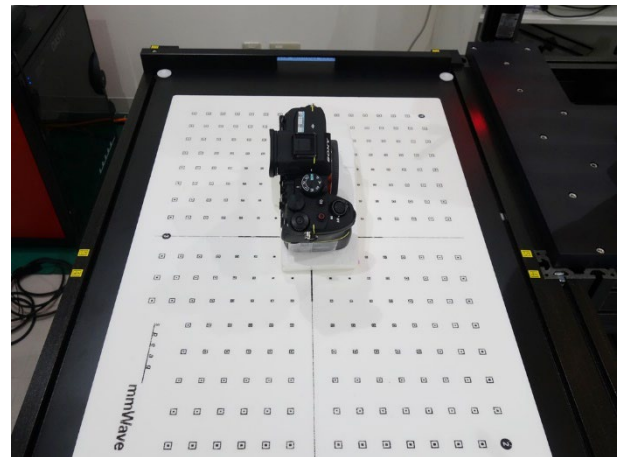
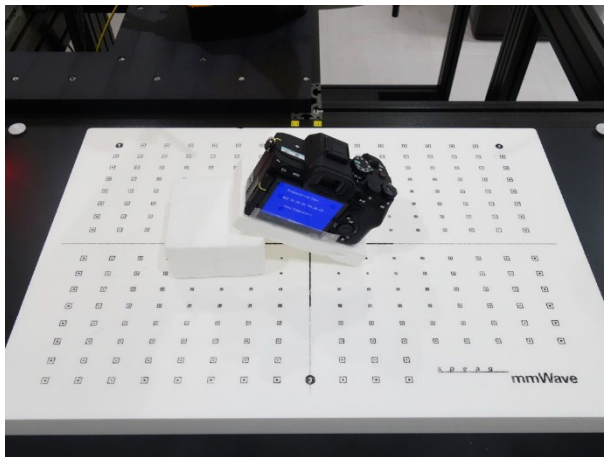


Figure D-13 Top-Right

End of Test Report