

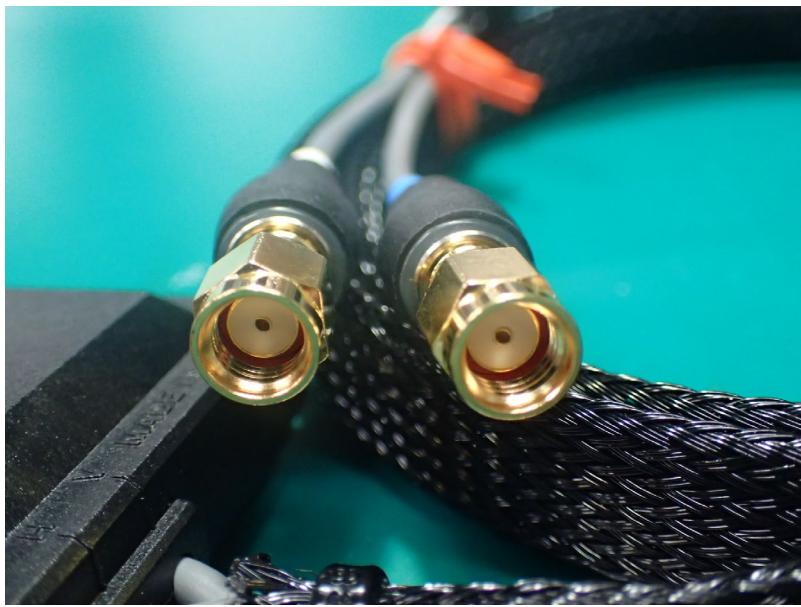
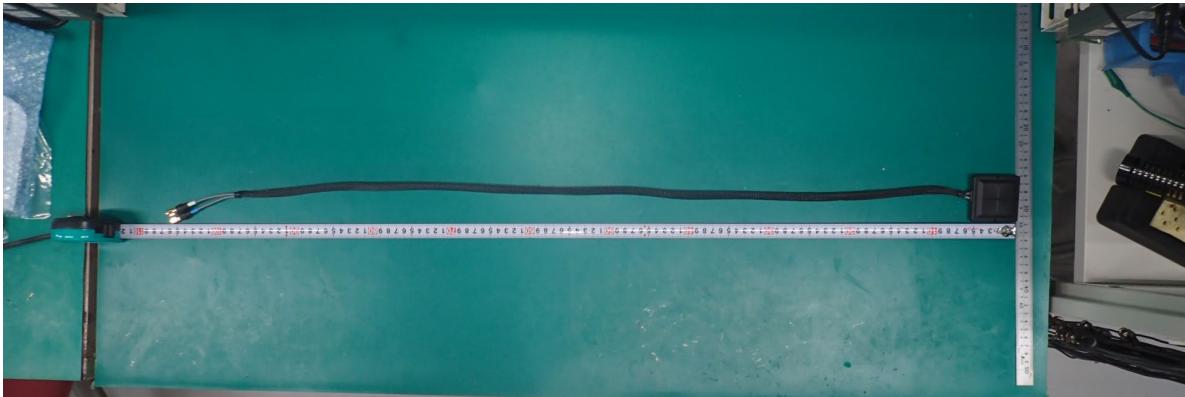
External photos

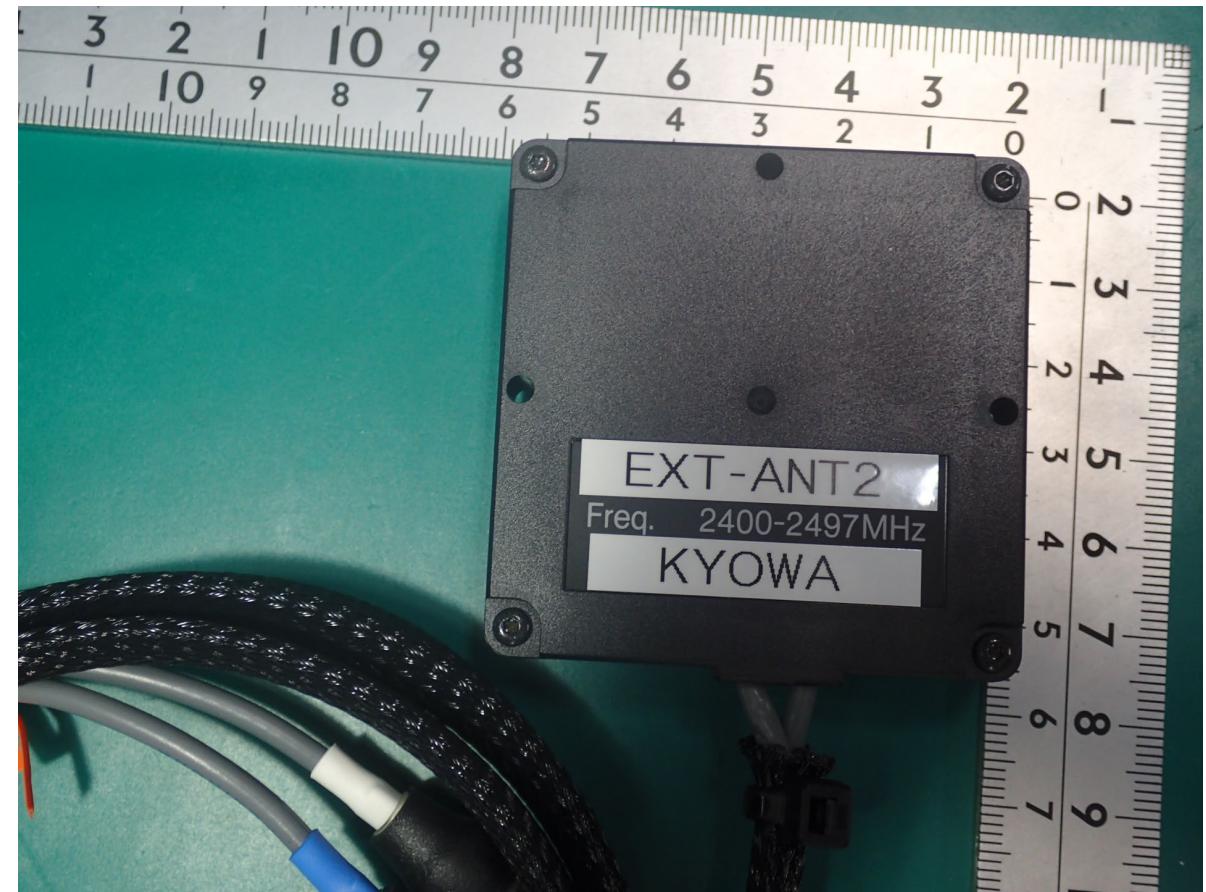
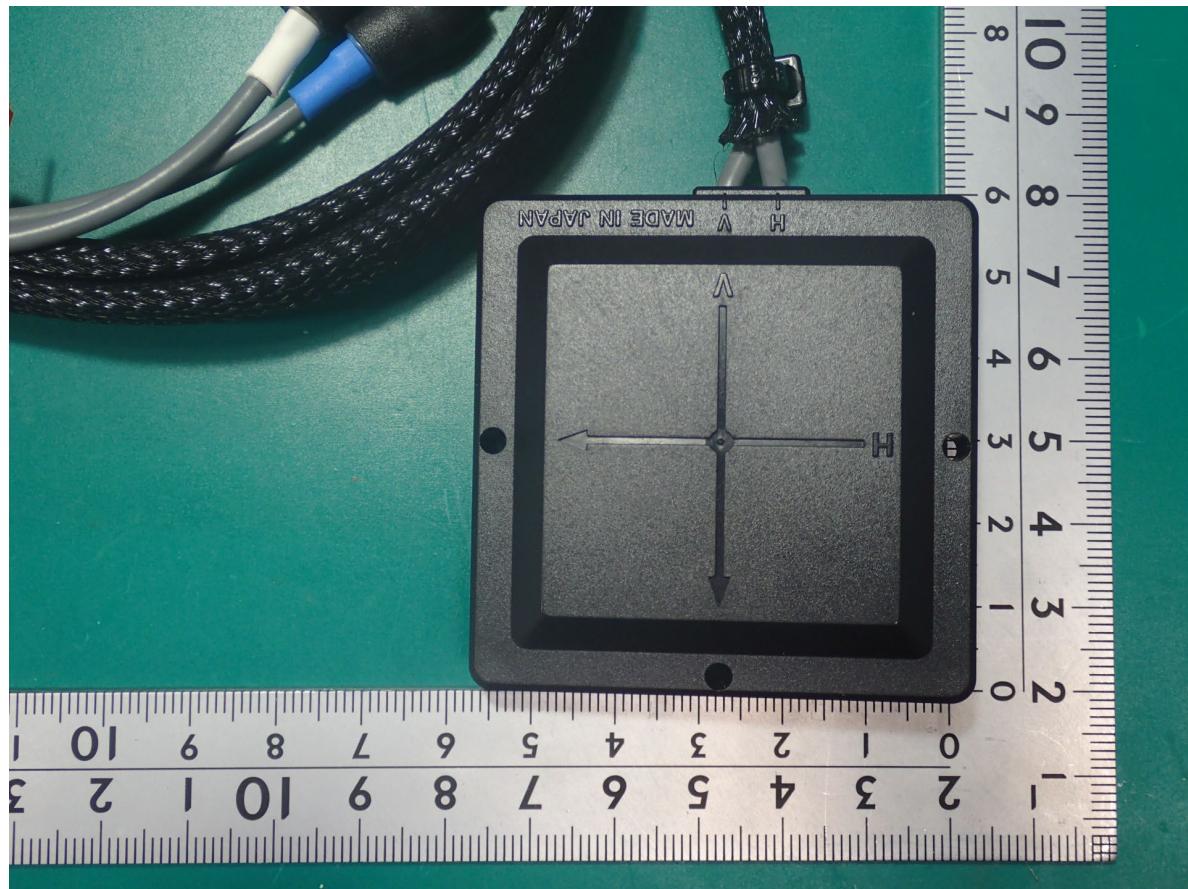
External photos of Antennas



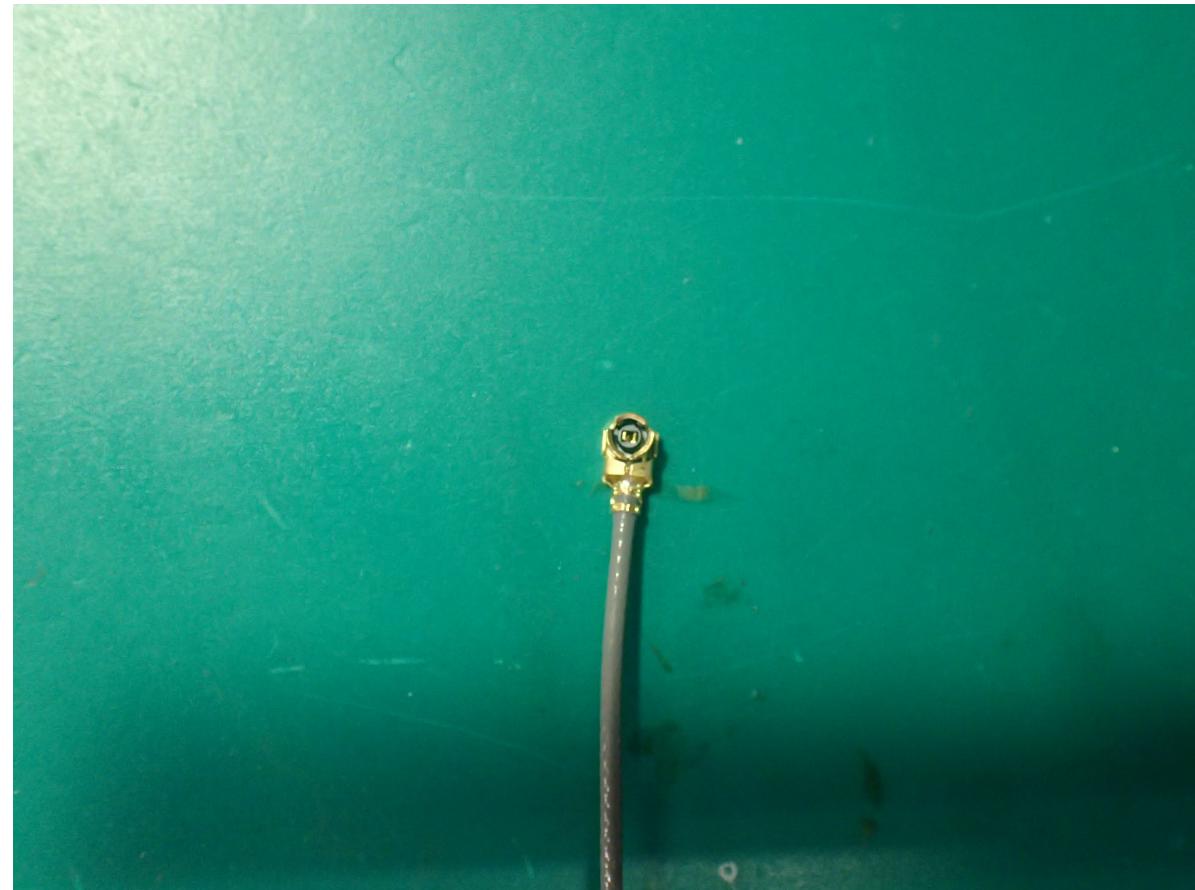
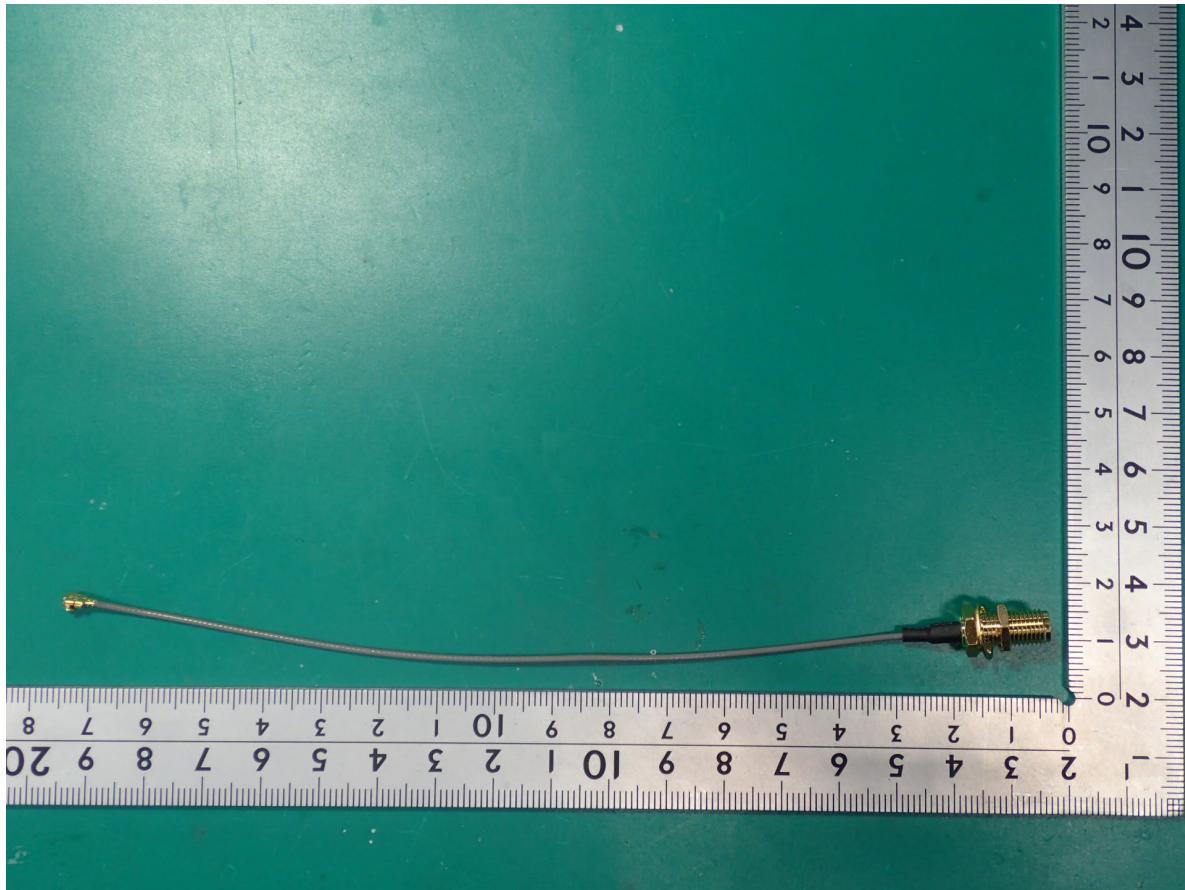


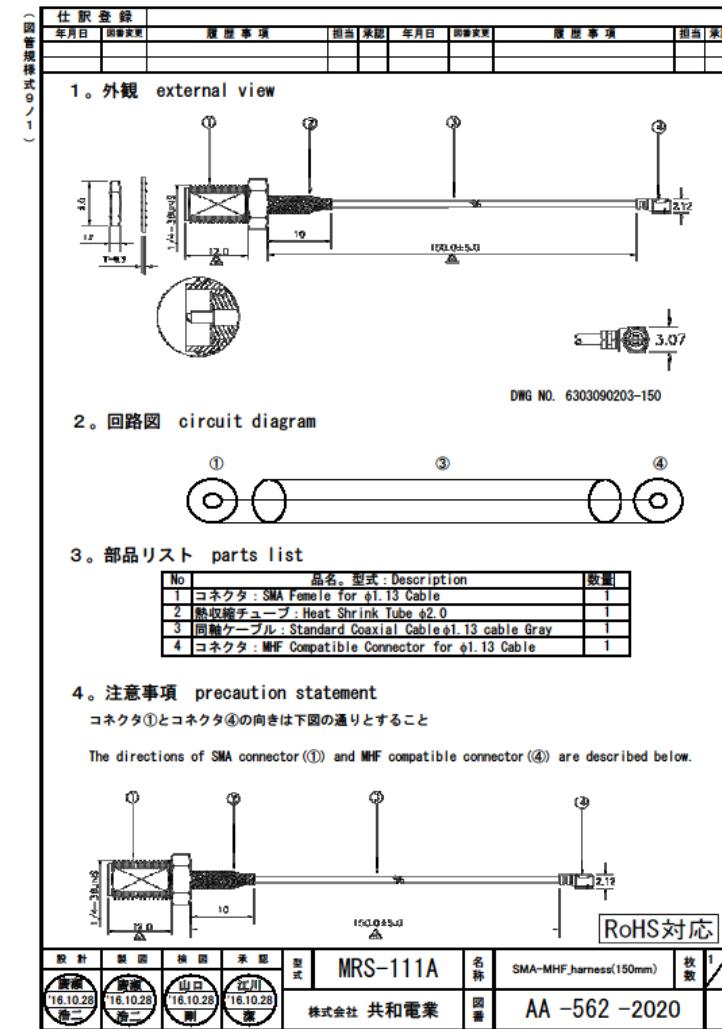
External photos of EXT-ANT2



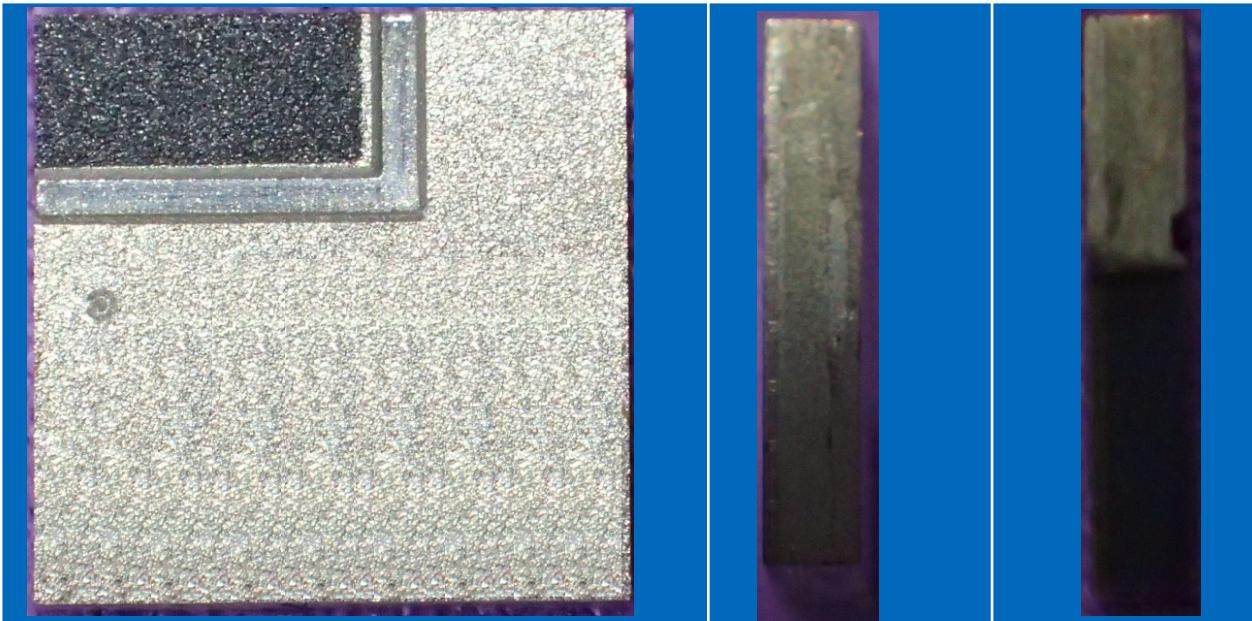


External photos of antennas and cables

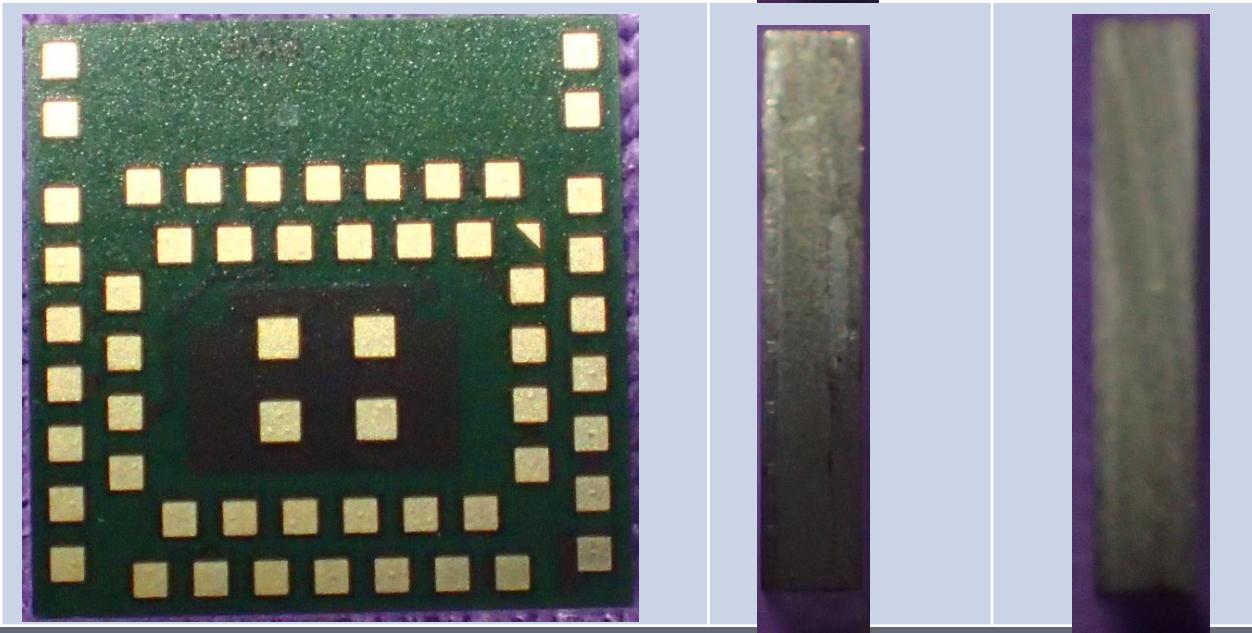




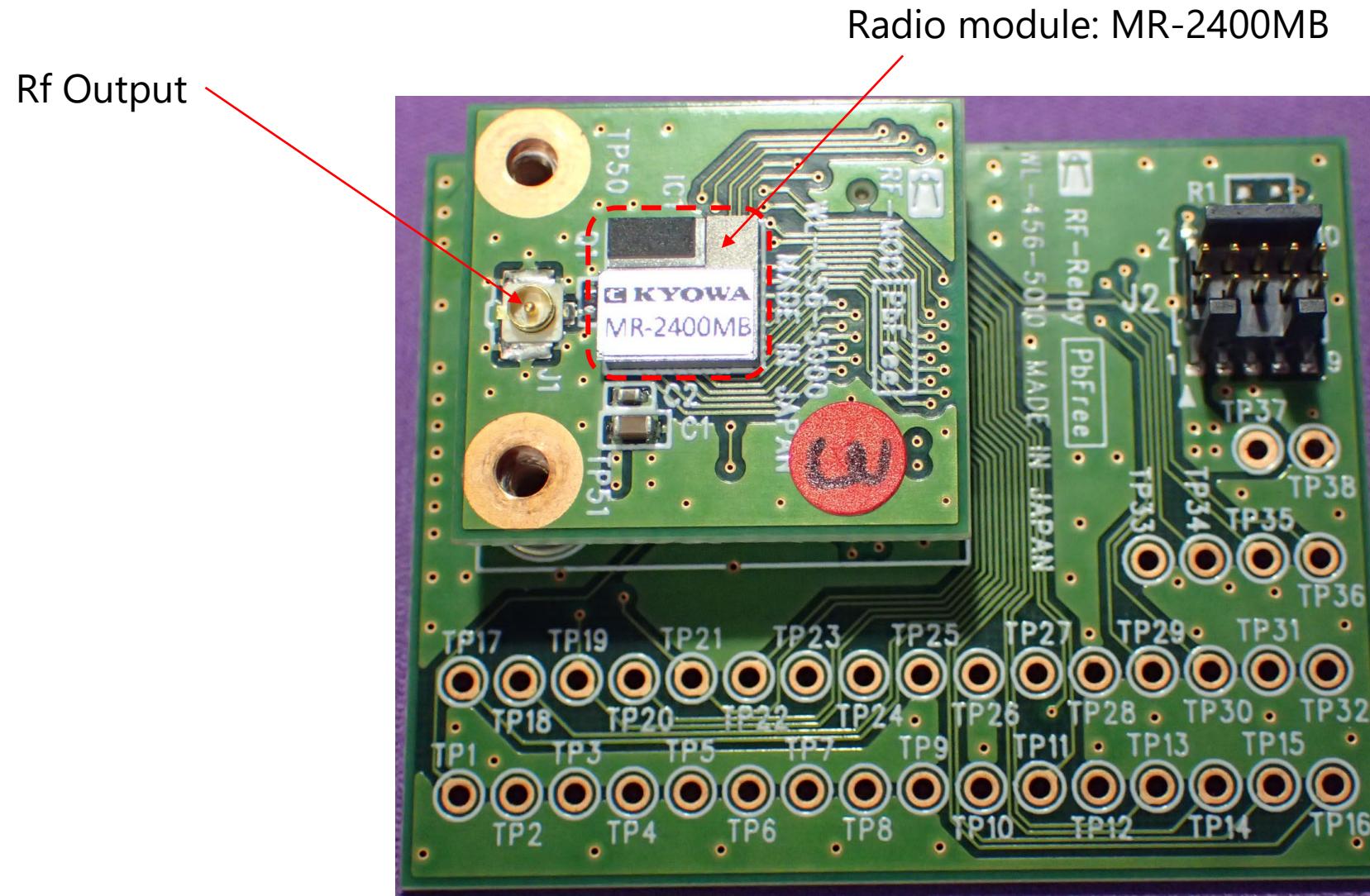
External photos of MA-2400MB



- MA-2400MB is molded by the coating device with electrically shielded .
- It is difficult for users to open the RF circuit.



- Photo of test equipment



External drawing of MR-2400MB

Figure 4 shows a side view of the mechanical outline and the critical dimensions of the ANNA-B402 package.

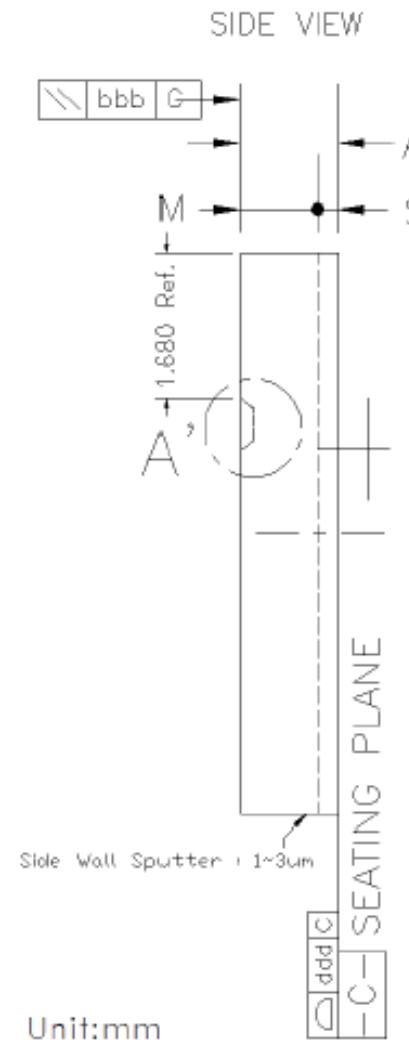


Figure 4: ANNA-B402 physical package – side view

Figure 5 shows a bottom view of the mechanical outline and the critical dimensions of the ANNA-B402 package.

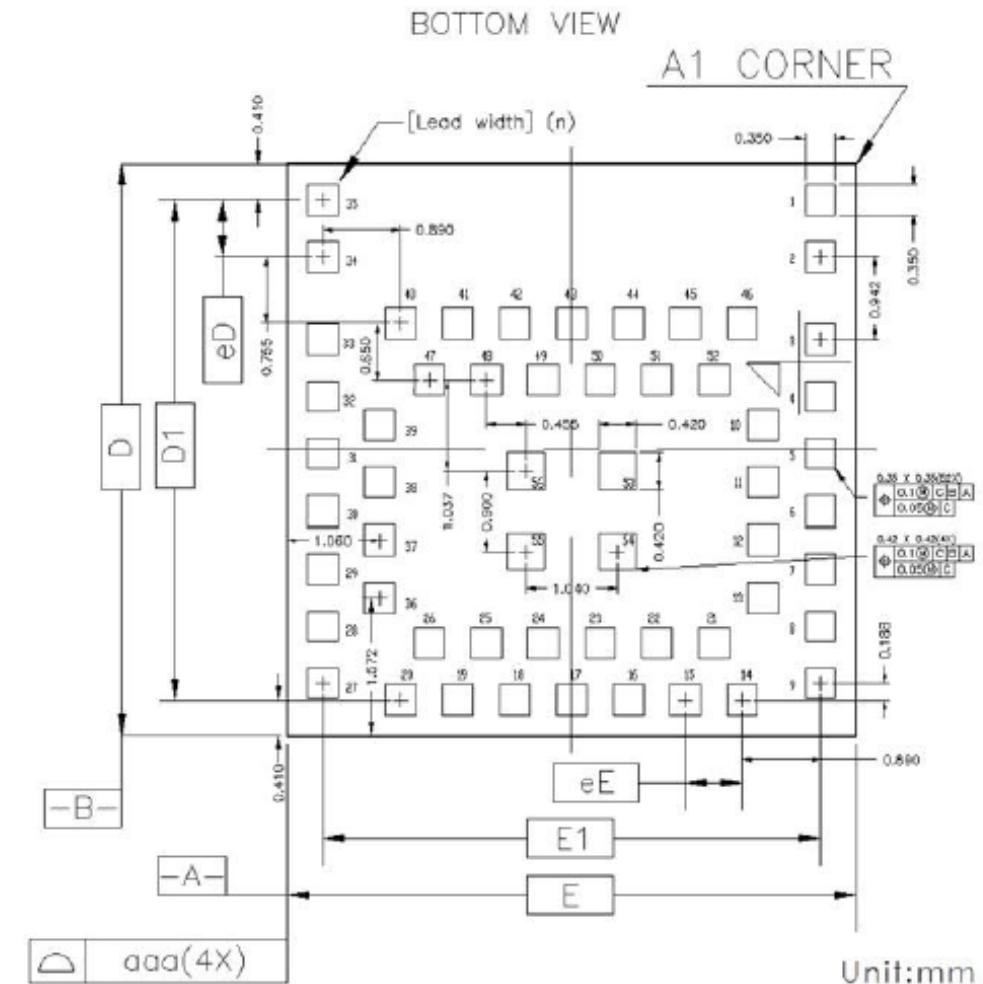


Figure 5: ANNA-B402 physical package outline – bottom view

8-3: External drawing of MR-2400MB

Figure 4 shows a side view of the mechanical outline and the critical dimensions of the ANNA-B402 package.

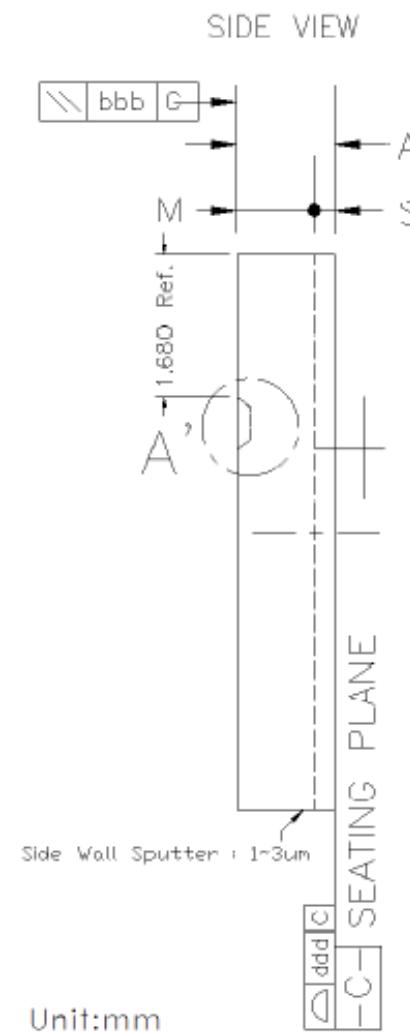


Figure 4: ANNA-B402 physical package – side view

Figure 5 shows a bottom view of the mechanical outline and the critical dimensions of the ANNA-B402 package.

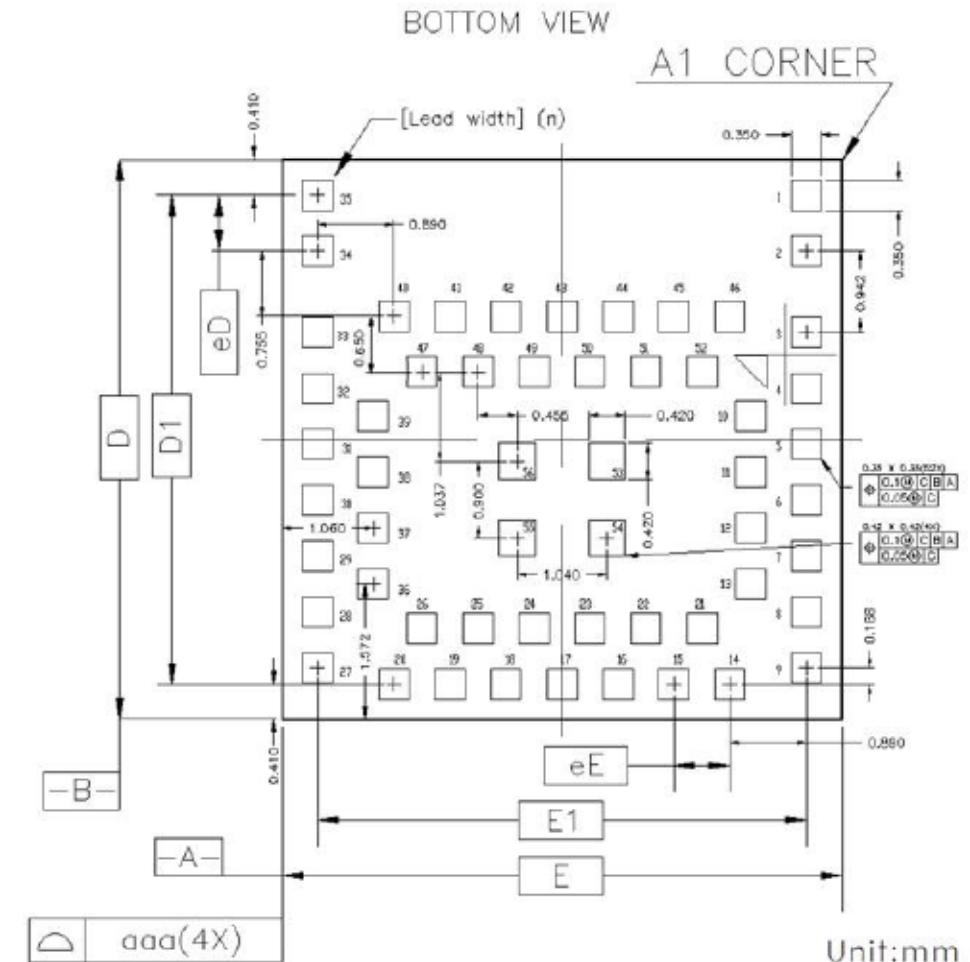


Figure 5: ANNA-B402 physical package outline – bottom view

Figure 6 describes the minimum, nominal, and maximum dimensions together with the symbols for the physical package outline of the ANNA-B402 module.

Description	Symbol	Dimensions(mm)				
		MIN	NOM	MAX		
Package :		PIM				
Body Size:	X	E	6.400	6.500		
	Y	D	6.400	6.500		
Lead Pitch :	X	eE	0.650			
	Y	eD	0.650			
Total Thickness :	A	1.150 +/- 0.100				
Mold Thickness :	M	0.910				
Substrate Thickness :	S	0.240				
Lead width:		0.350x0.350 / 0.420x0.420				
Package Edge Tolerance :	aaa	0.100				
Mold Flatness :	bbb	0.100				
Coplanarity:	ddd	0.100				
Lead Count :	n	56				
Edge Lead Center to Center :	X	E1	5.680			
	Y	D1	5.680			

Figure 6: ANNA-B402 physical package - parameters, symbols, and dimensions

● Test method

— Calibration

- Define the average receiving power of dipole antenna with omni directional as the antenna gain of 2.15 dBi.

— Measurement of test antenna

- Measure the receiving power of the test antenna.
- Convert the receiving antenna (dBm) to the antenna gain (dBi).

● Test setup & equipment list

