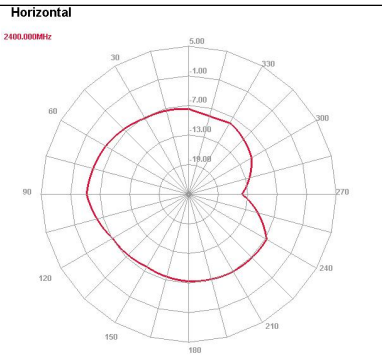
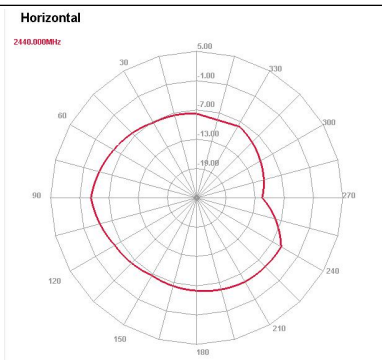
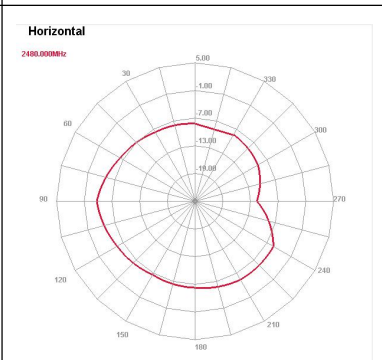


3.3. Return Loss

BT VSWR+ Return

	Resonant Point Range(MHz)	Frequency point(MHz)/Maximum Echo Loss(dB)		
	2400-2500		2400	2500
		VSWR	1.74	2.36
		Return loss	-11.39	-7.83

3.4. Antenna Gain

Channel	0	39	78
Gain	2.1dBi	2.47dBi	1.17dBi
Gain diagram			

Passive Test For WIFI

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	27.65	-5.58	2.1	-0.05	8.949	18.698	2.1	-15.7	46.5	45.85
2410	30.09	-5.22	2.39	0.24	9.746	20.347	2.39	-16.51	46.61	46.05
2420	31.68	-4.99	2.53	0.38	10.203	21.474	2.53	-17.52	46.59	46.17
2430	32.88	-4.83	2.67	0.52	10.542	22.34	2.67	-18.28	46.77	46.14
2440	31.72	-4.99	2.47	0.32	10.239	21.479	2.47	-18.49	46.79	45.97
2450	31.43	-5.03	2.33	0.18	10.382	21.049	2.33	-17.92	46.58	45.82
2460	31.69	-4.99	2.24	0.09	10.745	20.942	2.24	-16.54	46.74	45.97
2470	28.71	-5.42	1.63	-0.52	10.027	18.683	1.63	-17.47	46.54	45.98
2480	26.73	-5.73	1.17	-0.98	9.47	17.262	1.17	-18.65	46.48	46.46
2490	23.53	-6.28	0.52	-1.63	8.437	15.098	0.52	-18.87	46.53	46.76
2500	22.26	-6.52	0.22	-1.93	8.119	14.144	0.22	-18.02	46.77	46.39

4. Appearance structure

4.1. Antenna Material

5. Notes

(Electrical Performance Test Report)

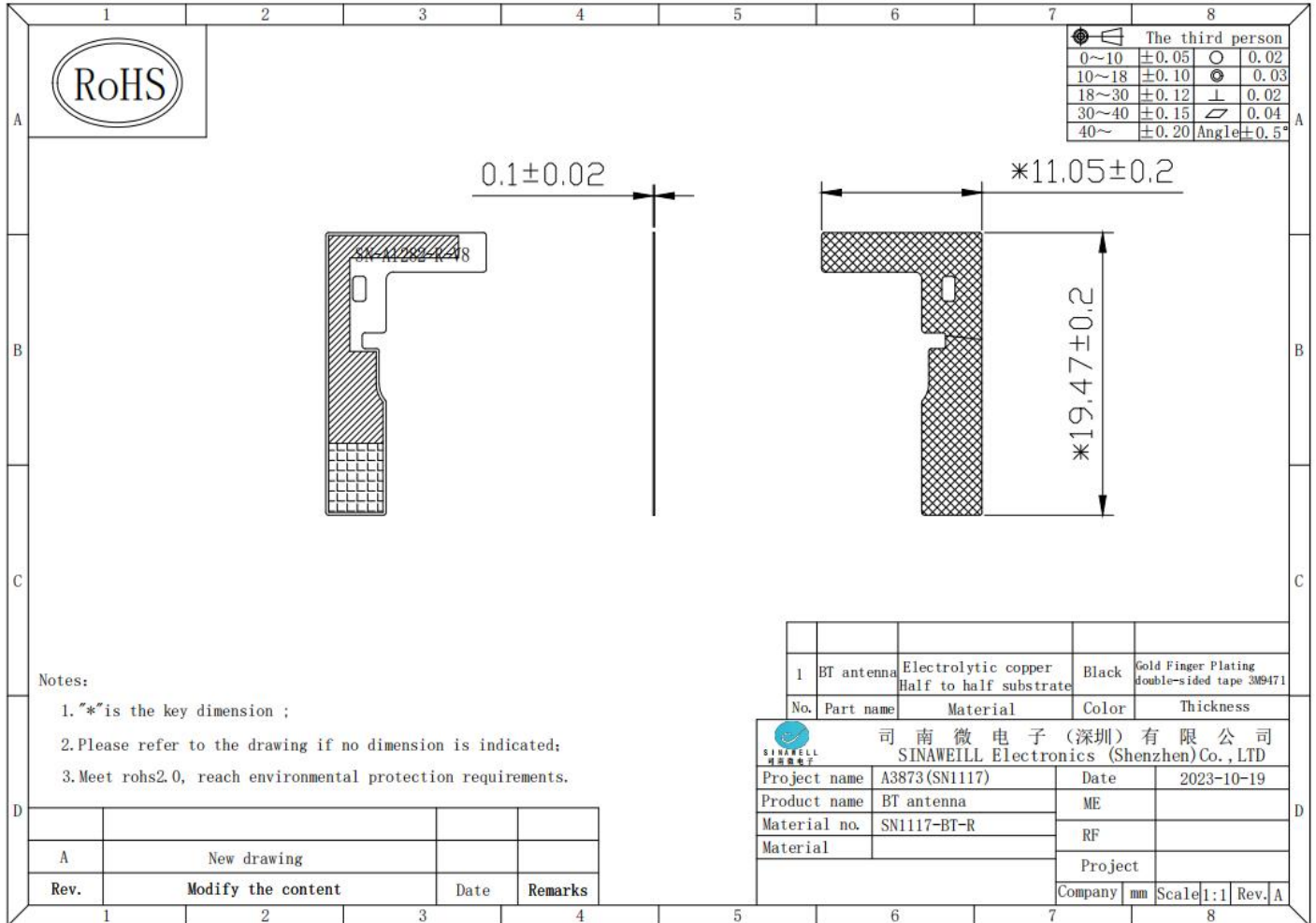
In the electrical performance test report, the 3D darkroom data for manufacturers are provided.

The following table format

Appendix 1: (Mechanical drawing)

Appendix II (Performance report)

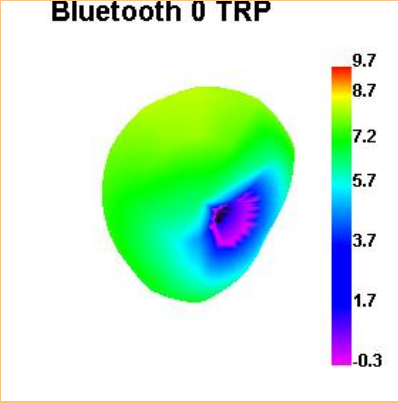
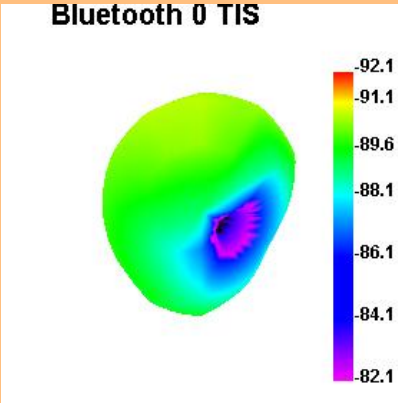
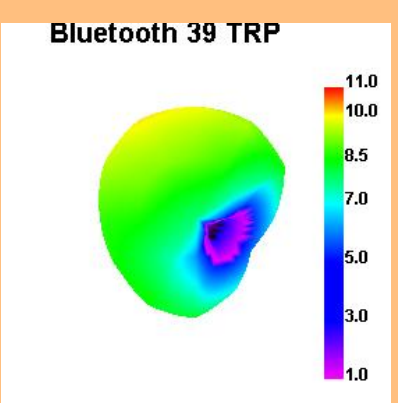
FPC Mechanical drawing(Annex I)

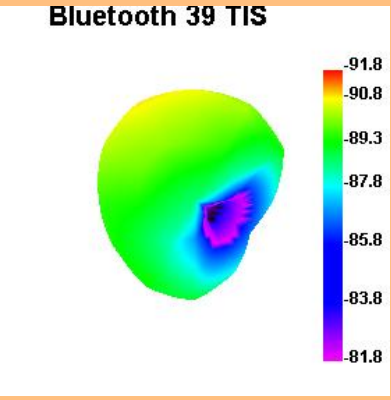
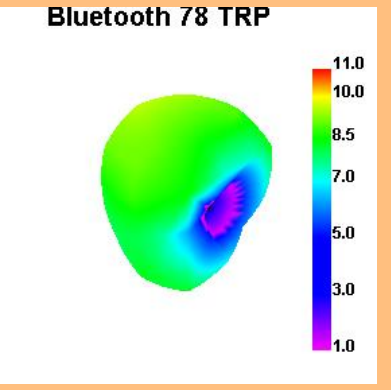
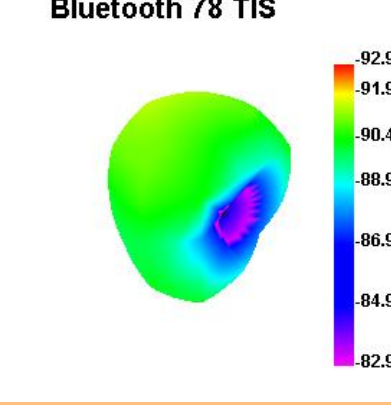


Focus on size

NO	Size(mm)	Tolerance(mm)	Notes
1	11.05	±0.2	
2	19.47	±0.2	
3			
4			
5			
6			

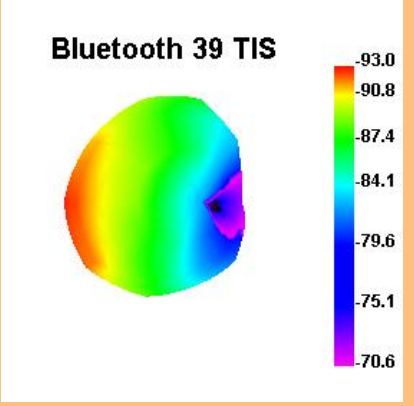
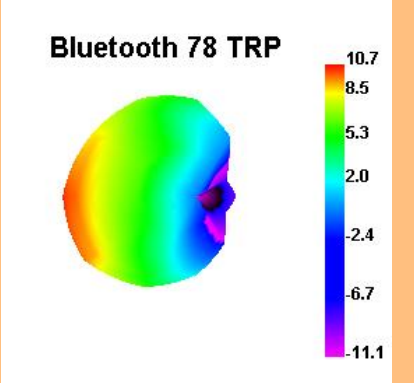
3D Test Report (FS)

BT	Channel	3DCoupling Test	Field strength map
TRP	0	4.05	<p>Bluetooth 0 TRP</p> 
TIS	0	-87.71	<p>Bluetooth 0 TIS</p> 
TRP	39	5.69	<p>Bluetooth 39 TRP</p> 

TIS	39	-88.11	<p>Bluetooth 39 TIS</p> 
TRP	78	6.51	<p>Bluetooth 78 TRP</p> 
TIS	78	-89.33	<p>Bluetooth 78 TIS</p> 

3D Test Report (BH)

BT	Channel	3DCoupling Test	Field strength map
TRP	0	3.01	<p>Bluetooth 0 TRP</p>
TIS	0	-86.1	<p>Bluetooth 0 TIS</p>
TRP	39	3.41	<p>Bluetooth 39 TRP</p>

TIS	39	-86.81	<p>Bluetooth 39 TIS</p> 
TRP	78	4.12	<p>Bluetooth 78 TRP</p> 
TIS	78	-87.24	<p>Bluetooth 78 TIS</p> 