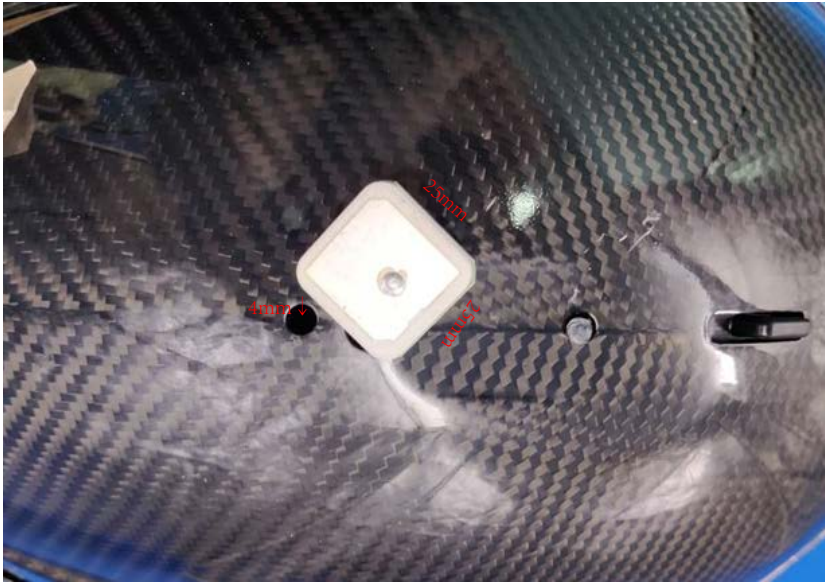
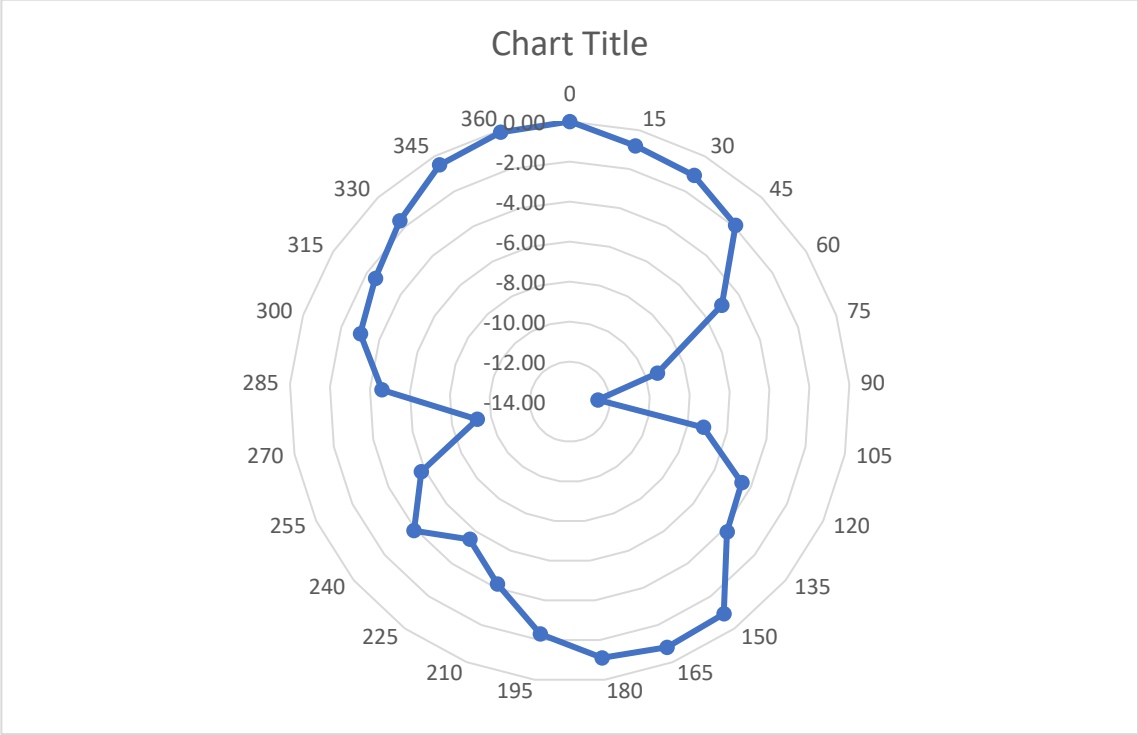


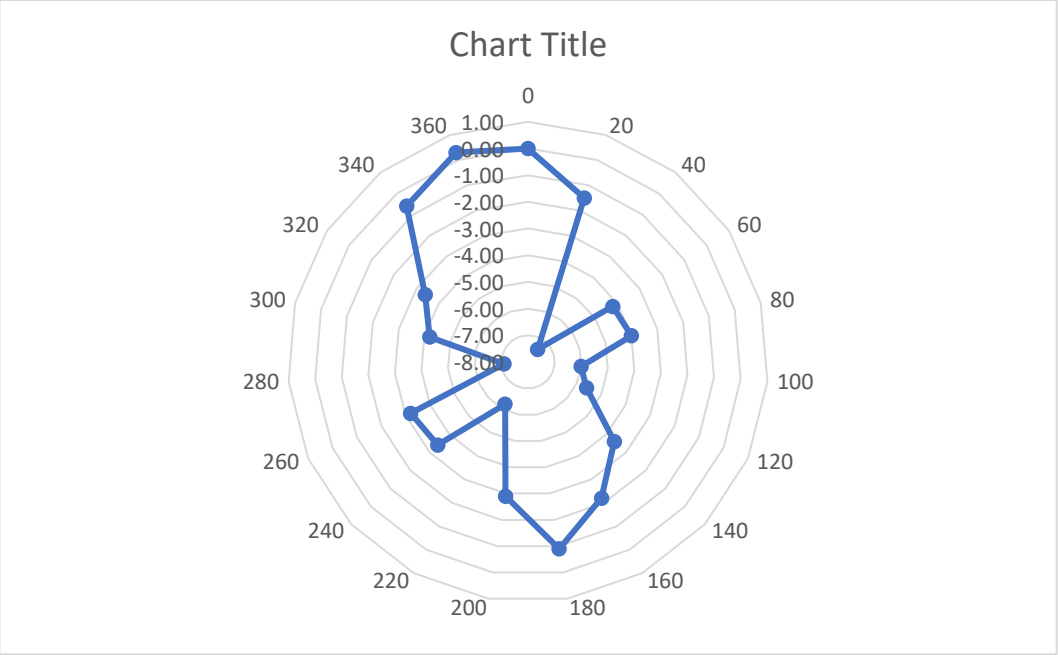
Antenna size	25x25x4mm	Model	Delta V	
Freq range	2.4GHz-2.48GHz			
VSWR	2 Max			
Gain	1.5dBi max			
Inpedance	50ohm			
Polarization	RHCP			
Type	Patch Antenna			
	ZHEJIANG			
Manufacturer:	JIAKANG ELECTRONICS CO., LTD.			
PN: SS RSI 2540 KP 258 N RF 1.13 L 73 MMCX J				



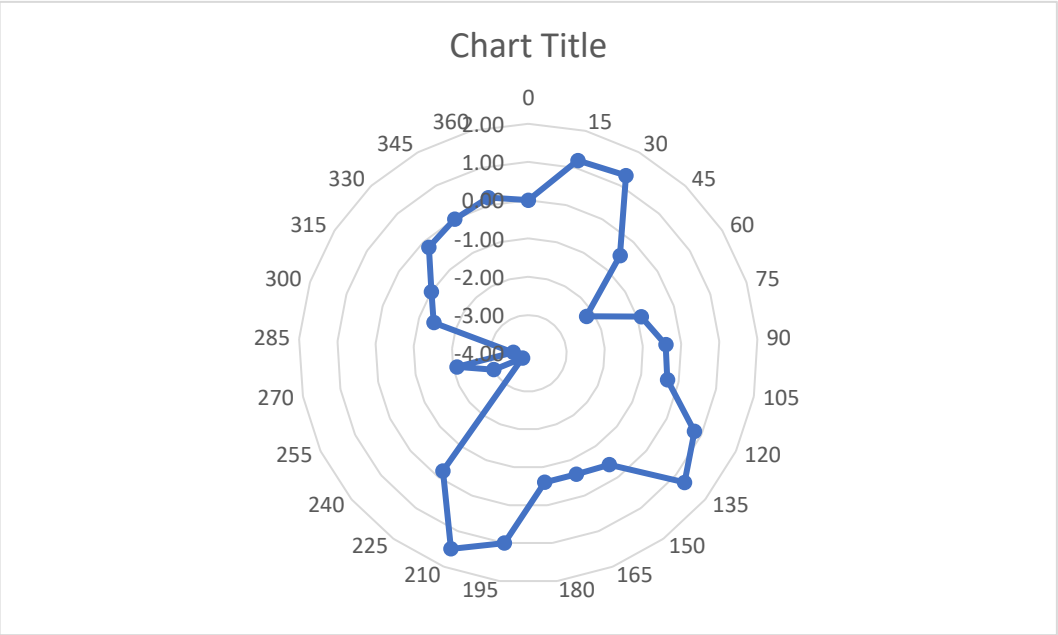
Horizontal polarization of EUT			
Frequency:	2402	MHz	
Angle (deg)	Spectrum Analyzer reading (dBuV/m)	EIRP, dBm	Antenna Pattern, dBi
0	93.8	-0.84	0.00
15	93	-1.64	-0.80
30	92.7	-1.94	-1.10
45	91.9	-2.74	-1.90
60	88.8	-5.84	-5.00
75	84.4	-10.24	-9.40
90	81.2	-13.44	-12.60
105	86.6	-8.04	-7.20
120	89.3	-5.34	-4.50
135	90	-4.64	-3.80
150	92.9	-1.74	-0.90
165	93	-1.64	-0.80
180	92.7	-1.94	-1.10
195	91.5	-3.14	-2.30
210	89.6	-5.04	-4.20
225	88.3	-6.34	-5.50
240	89.9	-4.74	-3.90
255	88	-6.64	-5.80
270	84.5	-10.14	-9.30
285	89.2	-5.44	-4.60
300	90.8	-3.84	-3.00
315	91.3	-3.34	-2.50
330	92.2	-2.44	-1.60
345	93.3	-1.34	-0.50
360	93.7	-0.94	-0.10



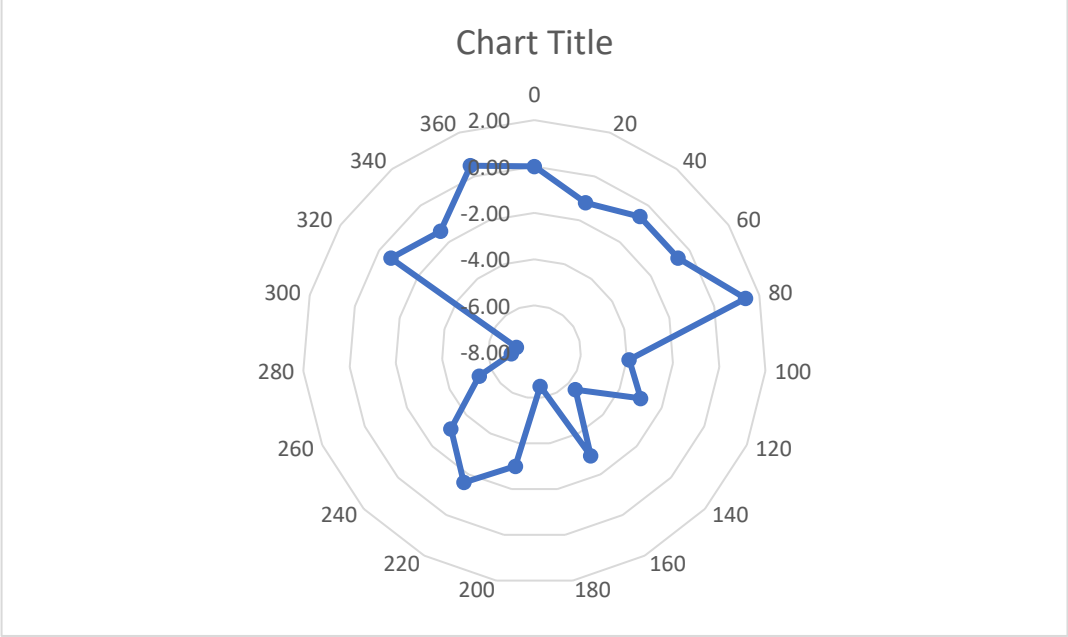
Vertical polarization of EUT				
Frequency:	2480	MHz		
Angle (deg)	Spectrum Analyzer reading (dBuV/m)	EIRP, dBm	Antenna Pattern, dBi	
0	93.6	-1.04	0.00	
20	92.1	-2.54	-1.50	
40	86.2	-8.44	-7.40	
60	89.4	-5.24	-4.20	
80	89.6	-5.04	-4.00	
100	87.6	-7.04	-6.00	
120	88	-6.64	-5.60	
140	90	-4.64	-3.60	
160	91.4	-3.24	-2.20	
180	92.7	-1.94	-0.90	
200	90.7	-3.94	-2.90	
220	87.4	-7.24	-6.20	
240				
240	90.2	-4.44	-3.40	
260	90.4	-4.24	-3.20	
280	86.5	-8.14	-7.10	
300	89.4	-5.24	-4.20	
320	90.2	-4.44	-3.40	
340	93	-1.64	-0.60	
360	93.9	-0.74	0.30	



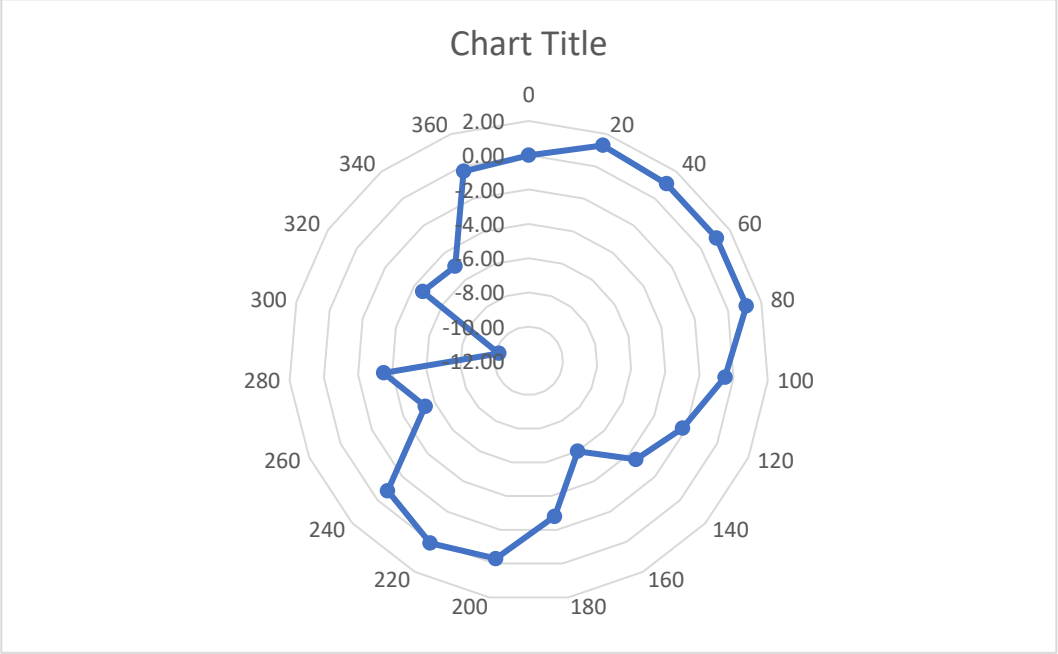
Horizontal polarization of EUT				
Frequency:	2441	MHz		
Angle (deg)	Spectrum Analyzer reading (dBuV/m)	EIRP, dBm	Antenna Pattern, dBi	
0	91.5	-3.39	0.00	
15	92.7	-2.19	1.20	
30	92.8	-2.09	1.30	
45	91	-3.89	-0.50	
60	89.3	-5.59	-2.20	
75	90.6	-4.29	-0.90	
90	91.1	-3.79	-0.40	
105	91.2	-3.69	-0.30	
120	92.3	-2.59	0.80	
135	92.8	-2.09	1.30	
150	91.1	-3.79	-0.40	
165	90.9	-3.99	-0.60	
180	90.9	-3.99	-0.60	
195	92.5	-2.39	1.00	
210	93	-1.89	1.50	
225	91.3	-3.59	-0.20	
240	87.7	-7.19	-3.80	
255	88.5	-6.39	-3.00	
270	89.4	-5.49	-2.10	
285	87.9	-6.99	-3.60	
300	90.1	-4.79	-1.40	
315	90.5	-4.39	-1.00	
330	91.3	-3.59	-0.20	
345	91.5	-3.39	0.00	
360	91.7	-3.19	0.20	



Vertical polarization of EUT				
Frequency:	2480	MHz		
Angle (deg)	Spectrum Analyzer reading (dBuV/m)	EIRP, dBm	Antenna Pattern, dBi	
0	91.6	-3.29	0.00	
20	90.4	-4.49	-1.20	
40	91	-3.89	-0.60	
60	91	-3.89	-0.60	
80	93	-1.89	1.40	
100	87.7	-7.19	-3.90	
120	88.6	-6.29	-3.00	
140	86	-8.89	-5.60	
160	88.7	-6.19	-2.90	
180	85.1	-9.79	-6.50	
200	88.6	-6.29	-3.00	
220	90	-4.89	-1.60	
240	88.5	-6.39	-3.10	
260	86.2	-8.69	-5.40	
280	84.6	-10.29	-7.00	
300	84.4	-10.49	-7.20	
320	91	-3.89	-0.60	
340	90.2	-4.69	-1.40	
360	92.1	-2.79	0.50	



Horizontal polarization of EUT				
Frequency:	2480	MHz		
Angle (deg)	Spectrum Analyzer reading (dBuV/m)	EIRP, dBm	Antenna Pattern, dBi	
0	91.9	-3.35	0.00	
20	93.2	-2.05	1.30	
40	93	-2.25	1.10	
60	93	-2.25	1.10	
80	93	-2.25	1.10	
100	91.4	-3.85	-0.50	
120	89.7	-5.55	-2.20	
140	88.4	-6.85	-3.50	
160	85.9	-9.35	-6.00	
180	89.1	-6.15	-2.80	
200	91.6	-3.65	-0.30	
220	92	-3.25	0.10	
240	91.1	-4.15	-0.80	
260	86.5	-8.75	-5.40	
280	88.4	-6.85	-3.50	
300	81.7	-13.55	-10.20	
320	87.3	-7.95	-4.60	
340	86.9	-8.35	-5.00	
360	91.6	-3.65	-0.30	



Vertical polarization of EUT						
Frequency:	2480	MHz				
Angle (deg)	Spectrum Analyzer reading (dBuV/m)	EIRP, dBm	Antenna Pattern, dBi			
0	90.5	-4.75	0.00			
20	91.4	-3.85	0.90			
40	92	-3.25	1.50			
60	92	-3.25	1.50	Spectrum Analyzer Data		
80	91.5	-3.75	1.00			
100	83.2	-12.05	-7.30			
120	81	-14.25	-9.50			
140	88.2	-7.05	-2.30			
160	88.6	-6.65	-1.90			
180	88.2	-7.05	-2.30			
200	89	-6.25	-1.50	Span	10	MHz
220	87.7	-7.55	-2.80	RBW	1000	kHz
				VBW	3000	kHz
240	85.6	-9.65	-4.90	Ref Level	120	dBuV/m
260	82.4	-12.85	-8.10	SG	0	dBm
280	81.6	-13.65	-8.90	F, MHz	2480	MHz
				SA reading	103.87	dBuV/m
				AG, dBi	9.74	dBi
				Cable Loss	1.12	dB
					Antenna	
300	82.6	-12.65	-7.90		Horn HL	
320	82.6	-12.65	-7.90		4474	
340	89.2	-6.05	-1.30			
360	90.4	-4.85	-0.10			

