



台灣安潔電子股份有限公司
Taiwan Anjie Electronics Co., Ltd

承認書

APPROVAL SHEET

Customer: 研華

Customer Model No.: 1750009409-01

Part No.: AJDP1J-C0036

Product Description: Antenna Internal WIFI
1.13/460mm(Gray)IPEX_I

Issue Date: 20200707

REV.: A

客戶承認用印		安潔承認用印	
核准	審核	承辦	
		Anders	

Taiwan Anjie Electronics Co., Ltd 台灣安潔電子股份有限公司

ADD: 1F, No.236, Sec.3, Huanbei Rd., Jubei City, Hsinchu County, 30265, Taiwan

地址:新竹線竹北市環北路三段 236 號 1 樓

TEL: 886-3-5543399 FAX: 886-3-5543062 電話: 886-3-5543399

傳真: 886-3-5543062

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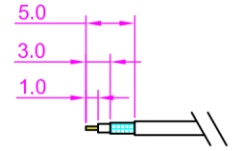
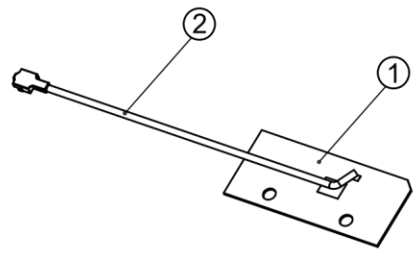
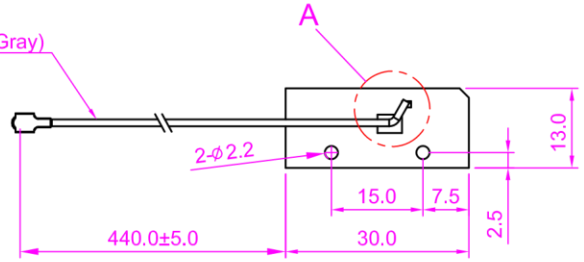
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SPECIFICATION	
Frequency Range	2400~5850MHz
Impedance	50Ω
V.S.W.R	≤ 2.5
Radiation	Omni
Gain	2.4G<1.26dBi 5G<0.74 dBi
Type	PIFA
Polarization	Vertical
Mechanical Properties	
Connector	I-PEX_I

9 8 7 6 5 4 3 2 1

REV	DATE	DESCRIPTION
X1	2019.12.11	New Release

L=460.0±5.0
O.D.1.13 IPEX I (Gray)



DETAIL A

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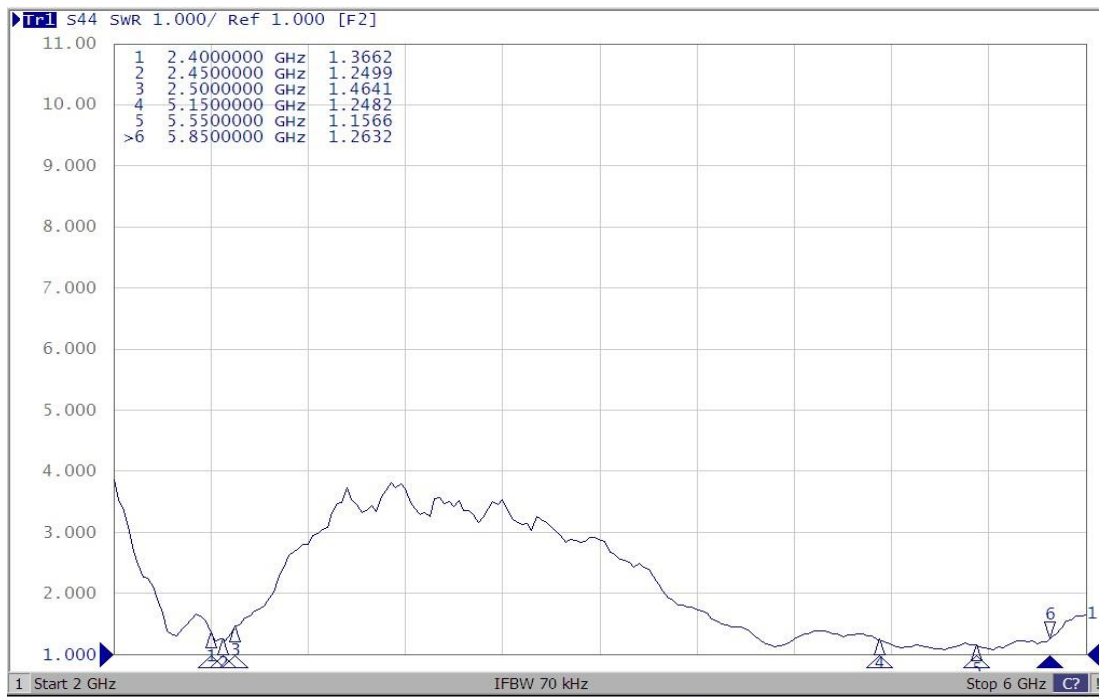
UNLESS OTHERWISE SPECIFIED Tolerance ON:			anjie Taiwan Anjie Electronics Co.,Ltd	
X.X	±0.5	X°	±1.0	Customer Model: USC-160
X.XX	±0.2			Customer Number: --
			TITLE: Antenna Internal WiFi	
APP BY	CHK BY	DES BY	PART NO :	A IDP1 LC0036



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Electrical test





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Antenna Gain and Efficiency

Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	1.26	1.23	0.97	0.86	0.75	0.58	0.17	0.2	0	-0.32	-0.46
Directivity (dBi)	6.13	6.14	5.99	5.92	5.77	5.64	5.27	5.28	5.09	4.87	4.66
Efficiency (dB)	-4.86	-4.92	-5.02	-5.06	-5.02	-5.06	-5.1	-5.07	-5.09	-5.19	-5.12
Efficiency (%)	32.63	32.25	31.48	31.16	31.5	31.2	30.91	31.09	30.95	30.3	30.78
Frequency(MHz)	5150	5250	5350	5450	5550	5650	5750	5850			
Gain (dBi)	-0.63	-0.93	-0.39	0.13	0.74	-0.53	0.68	-0.17			
Directivity (dBi)	4.48	3.93	4.35	5.12	5.52	4.48	5.14	4.74			
Efficiency (dB)	-5.11	-4.86	-4.73	-4.99	-4.78	-5	-4.46	-4.91			
Efficiency (%)	30.83	32.64	33.64	31.72	33.26	31.59	35.83	32.27			

Antenna 3D Pattern



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