



深圳市飞讯联科电子有限公司

Shenzhen Feixun Lianke Electronics Co., Ltd

antenna specifications

FXLK-FB47x10-2.4G-5G V1 BSV

2.4GHz and 5G ISM Band Frequency

Feed Line length:150MM φ : 1.13





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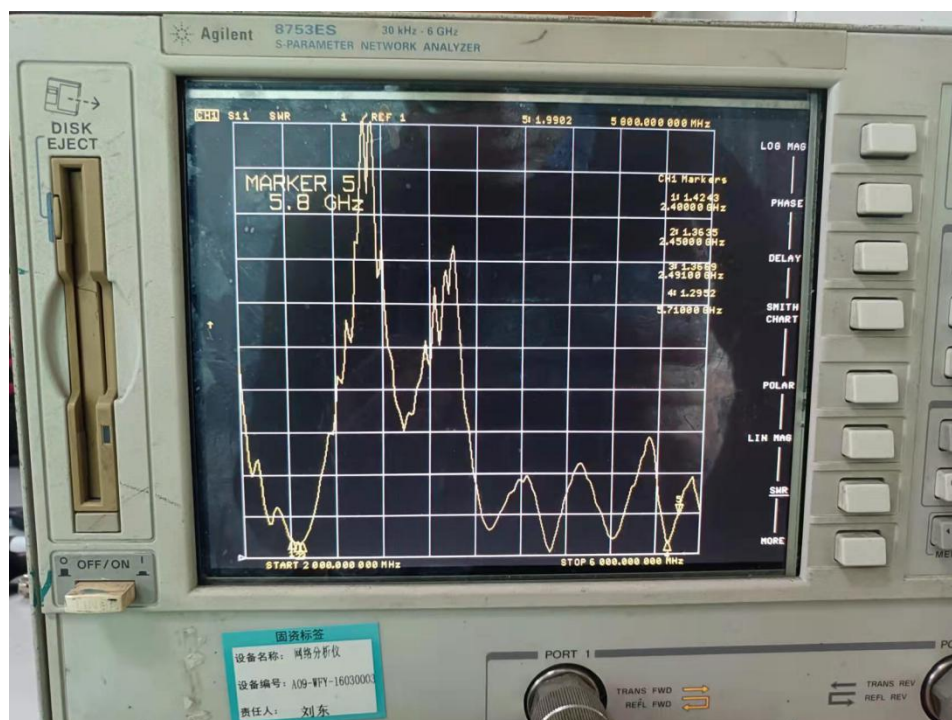
RF Cable Dimensions

FXLK-FB47x10-2.4G-5G V1 BSV

dimensions:47MM*10MM

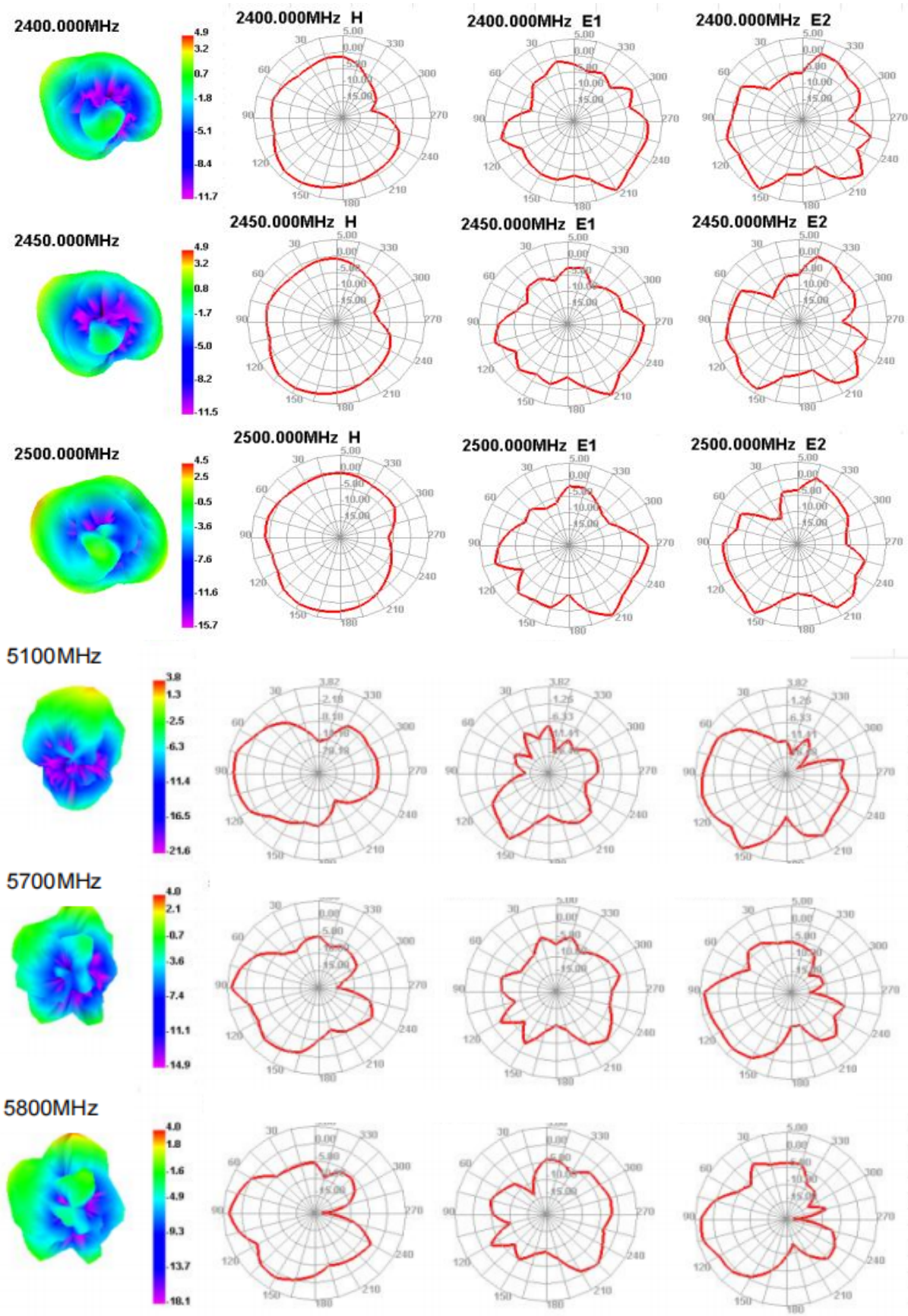


VSWR:





WIFI-2D&3D:





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WIFI:

Antenna Gain and Efficiency Test Results

2.4G & 5-5.85G Gain and Efficiency

Freq (MHz)	Effi (%)	Gain (dBi)
2400	51.55	2.99
2410	49.83	2.95
2420	48.33	2.83
2430	51.55	3.1
2440	48.89	2.75
2450	54.75	3.01
2460	54.62	2.75
2470	50.8	2.55
2480	56.51	3.12
2490	56	3.11
2500	57.4	3.13

Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
5050	54.36	2.58	5150	53.47	2.00
5060	53.74	1.92	5160	55.66	2.16
5070	52.69	1.97	5170	54.84	2.22
5080	56.54	2.34	5180	55.55	2.67
5090	57.11	2.91	5190	53.91	2.71
5100	57.80	2.88	5200	56.79	2.87
5110	56.89	2.34	5210	54.97	2.54
5120	56.13	2.36	5220	58.61	2.42
5130	55.29	2.19	5230	54.88	2.34
5140	56.78	2.05	5240	55.74	2.88
5150	53.47	2.00	5250	56.98	2.65

Freq (MHz)	Effi (%)	Gain (dBi)
5260	40.6	2.9
5270	34.73	2.23
5280	35.37	2.32
5290	40.25	2.9
5300	40.96	2.97
5310	37.33	2.55
5320	36.78	2.42
5330	37.08	2.38
5340	40.61	2.69
5350	39.46	2.43
5360	41.08	2.58
5370	42.78	2.7
5380	38.58	2.27
5390	39.18	2.21
5400	40.89	2.37
5410	44.05	2.58
5420	40.96	2.13
5430	37.33	1.62
5440	40.05	1.97
5450	42.57	2.31
5460	37.22	1.74

Freq (MHz)	Effi (%)	Gain (dBi)
5470	41.08	2.58
5480	42.78	2.7
5490	38.58	2.27
5500	39.18	2.21
5510	40.89	2.37
5520	44.05	2.58
5530	40.96	2.13
5540	37.33	1.62
5550	40.05	1.97
5560	42.57	2.31
5570	37.22	1.74
5580	39.85	2.09
5590	36.56	1.7
5600	37.42	1.83
5610	36.58	1.79
5620	38.16	2.03
5630	39.28	2.21
5640	40.48	2.34
5650	35.75	1.78
5660	38.96	2.2
5670	41.85	2.51
5680	41.79	2.49
5690	38.56	2.11
5700	41.01	2.43
5710	40.15	2.33
5720	43.82	2.66
5730	41.89	2.43

Freq (MHz)	Effi (%)	Gain (dBi)
5700	53.26	2.58
5710	53.27	2.62
5720	55.53	2.82
5730	52.47	2.65
5740	58.5	3.18
5750	58.18	3.2
5760	52.82	2.8
5770	52.95	2.82
5780	58.69	3.26
5790	57.4	3.11
5800	56.08	2.96
5810	56.16	2.93
5820	60.25	3.25
5830	62.34	3.41
5840	62.26	3.46
5850	59.89	3.3