

Product specifications acknowledgment

Recognized manufacturers: _____

Manufacturer: ShenZhen GuYang Commuication Technology Co.,Ltd.

Description: WiFi antenna

Product Type: GY-N-WIFI-K6-V03

Supplier acknowledge signature bar

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That customers signature bar

Reviewers	Approved

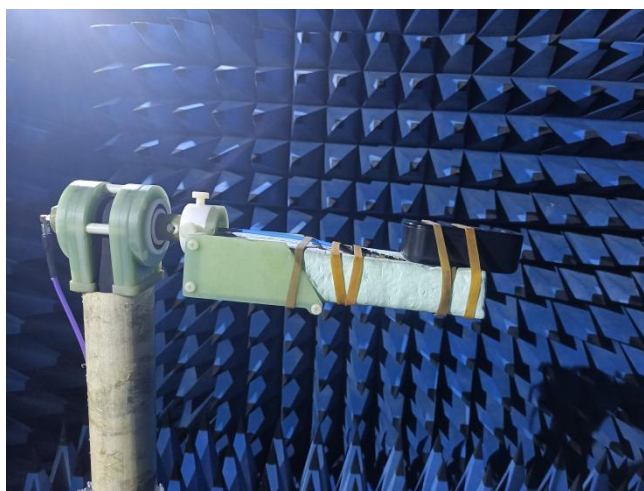
一、Product features

1. The structure of antenna using FPC + coaxial line;
2. FPC paste on the product surface shell directly;
3. Feeding with IPEX;

二、Product parameters

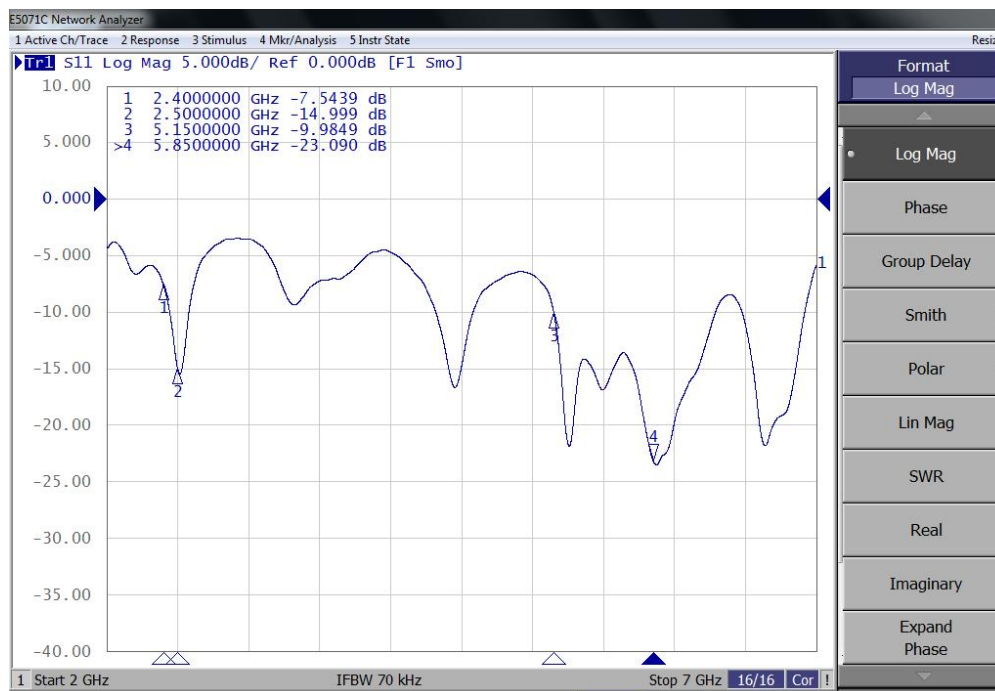
Name WiFi antenna		Model Type GY-N-WIFI-K6-V03	
Frequency Range	2400-2500MHz 5150-5850MHz	Dimensions (mm)	65.6×8.5mm
Band Width	100/700MHz	Material	FPC one-on-one
Working Temperature	-20℃-+60℃	Polarization	linear
VSWR	≤2.5	Gain	≥4dBi
Line length	85±3mm	wire	1.13 Low-loss black wire
Radiation:	Omnidirectional	Impedance	50Ω

三、The test environment

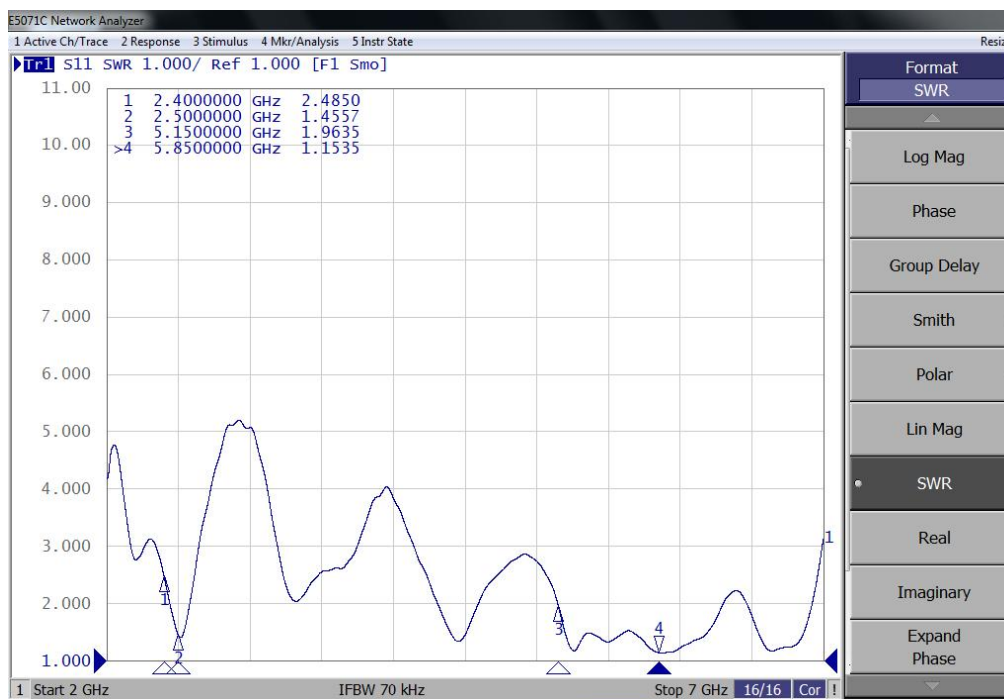


In a 3D full chamber

四、Return loss



五、Voltage standing wave ratio



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八、Results of test

Passive Test For 2400-2500、5150-5850								
Freq	Effi	Gain	Freq	Effi	Gain	Freq	Effi	Gain
(MHz)	(%)	(dBi)	(MHz)	(%)	(dBi)	(MHz)	(%)	(dBi)
2400	49.37	0.81	5315	52.11	0.87	5585	64.26	3.62
2405	47.95	0.68	5320	52.32	0.81	5590	64.11	3.73
2410	48.19	0.69	5325	52.44	0.76	5595	62.15	3.41
2415	48.5	0.74	5330	49.9	0.53	5600	60.15	3.33
2420	46.68	0.59	5335	50.4	0.56	5605	61.61	3.48
2425	46.76	0.62	5340	52.94	0.75	5610	60.66	3.34
2430	48.19	0.79	5345	50.92	0.61	5615	59.93	3.3
2435	48.62	0.86	5350	51.44	0.68	5620	61.12	3.3
2440	49.77	0.98	5355	52.73	0.9	5625	61.88	3.44
2445	50.85	1.07	5360	50.38	0.58	5630	62.63	3.55
2450	51.92	1.13	5365	51.29	0.72	5635	63.32	3.67
2455	52.52	1.14	5370	50.11	0.65	5640	63.93	3.89
2460	51.47	0.96	5375	49.46	0.44	5645	64.96	4
2465	51.2	0.81	5380	50.46	0.47	5650	65.48	4.12
2470	51.14	0.68	5385	49.04	0.3	5655	65.28	4.15
2475	50.26	0.52	5390	50.06	0.49	5660	64.18	4.09
2480	51.01	0.5	5395	49.09	0.52	5665	63.91	4.09
2485	51.58	0.46	5400	49.72	0.65	5670	63.39	4.07
2490	51.58	0.41	5405	55.12	1.09	5675	61.85	3.91
2495	52.09	0.46	5410	55.05	1.22	5680	60.19	3.71
2500	51.4	0.43	5415	54.06	1.28	5685	61.62	3.84
5150	47.95	0.77	5420	56.29	1.42	5690	63.07	3.92
5155	46.27	0.45	5425	55.9	1.44	5695	63.64	3.97
5160	46.71	0.47	5430	55.22	1.41	5700	63.61	4.04
5165	46.01	0.34	5435	54.27	1.46	5705	64.7	4.18
5170	45.29	0.07	5440	53.08	1.37	5710	65.6	4.32
5175	47.36	0.21	5445	52.93	1.31	5715	66.52	4.47
5180	48.86	0.16	5450	52.68	1.47	5720	68.07	4.63
5185	49.74	0.21	5455	53.13	1.53	5725	68.51	4.76
5190	50.42	0.16	5460	53.68	1.63	5730	68.71	4.88
5195	50.39	0.04	5465	54.69	1.74	5735	68.37	4.87
5200	50.99	0.11	5470	54.76	1.83	5740	67.96	4.84
5205	50.98	0.15	5475	57.06	2.1	5745	65.29	4.65
5210	50.72	0.23	5480	59.88	2.36	5750	63.96	4.54
5215	50.48	0.28	5485	61.04	2.48	5755	64.37	4.54
5220	49.77	0.25	5490	59.81	2.48	5760	61.62	4.32

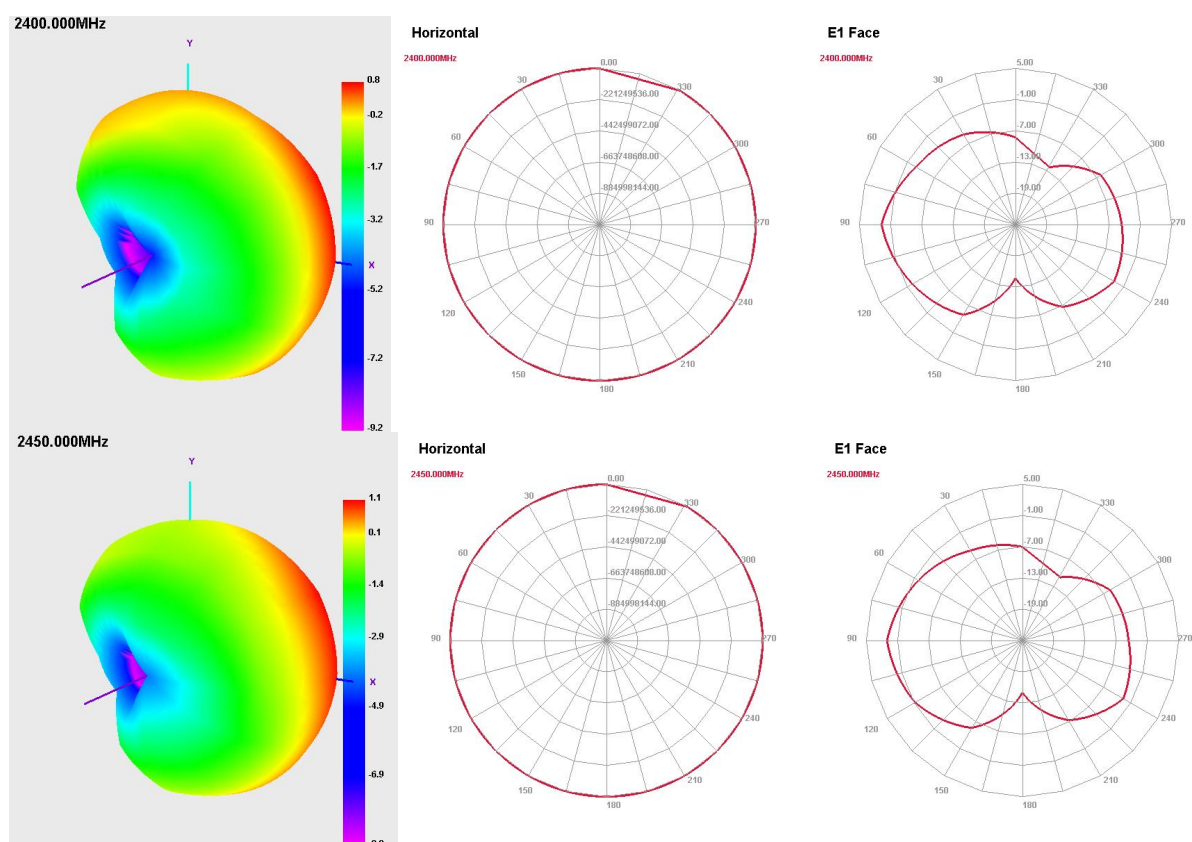
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第 5 页 共 8 页

5225	50.32	0.29	5495	59.09	2.55	5765	60.89	4.16
5230	49.87	0.26	5500	59.73	2.65	5770	61.39	4.22
5235	50.66	0.39	5505	58.07	2.57	5775	59.19	4.09
5240	51.38	0.38	5510	57.95	2.62	5780	60.21	4.21
5245	52.11	0.43	5515	59.82	2.81	5785	61.48	4.42
5250	52.55	0.47	5520	59.18	2.77	5790	61.38	4.53
5255	52.48	0.39	5525	59.25	2.76	5795	63.99	4.85
5260	52.52	0.46	5530	58.63	2.85	5800	64.63	4.9
5265	52.92	0.48	5535	58.47	2.75	5805	64.82	4.99
5270	53.16	0.65	5540	61.2	2.91	5810	65.8	5.08
5275	53.42	0.72	5545	59.8	2.87	5815	64.54	4.97
5280	52.69	0.74	5550	61.78	3.01	5820	63.53	4.89
5285	52.08	0.8	5555	63.23	3.17	5825	61.87	4.79
5290	51.39	0.92	5560	62.98	3.23	5830	61.24	4.68
5295	50.96	0.84	5565	66.39	3.54	5835	61.12	4.58
5300	51.28	0.87	5570	65.54	3.52	5840	60.33	4.5
5305	51.7	0.89	5575	63.7	3.53	5845	60.7	4.52
5310	52.06	0.94	5580	65.07	3.7	5850	61.34	4.55

九、Radiation Pattern

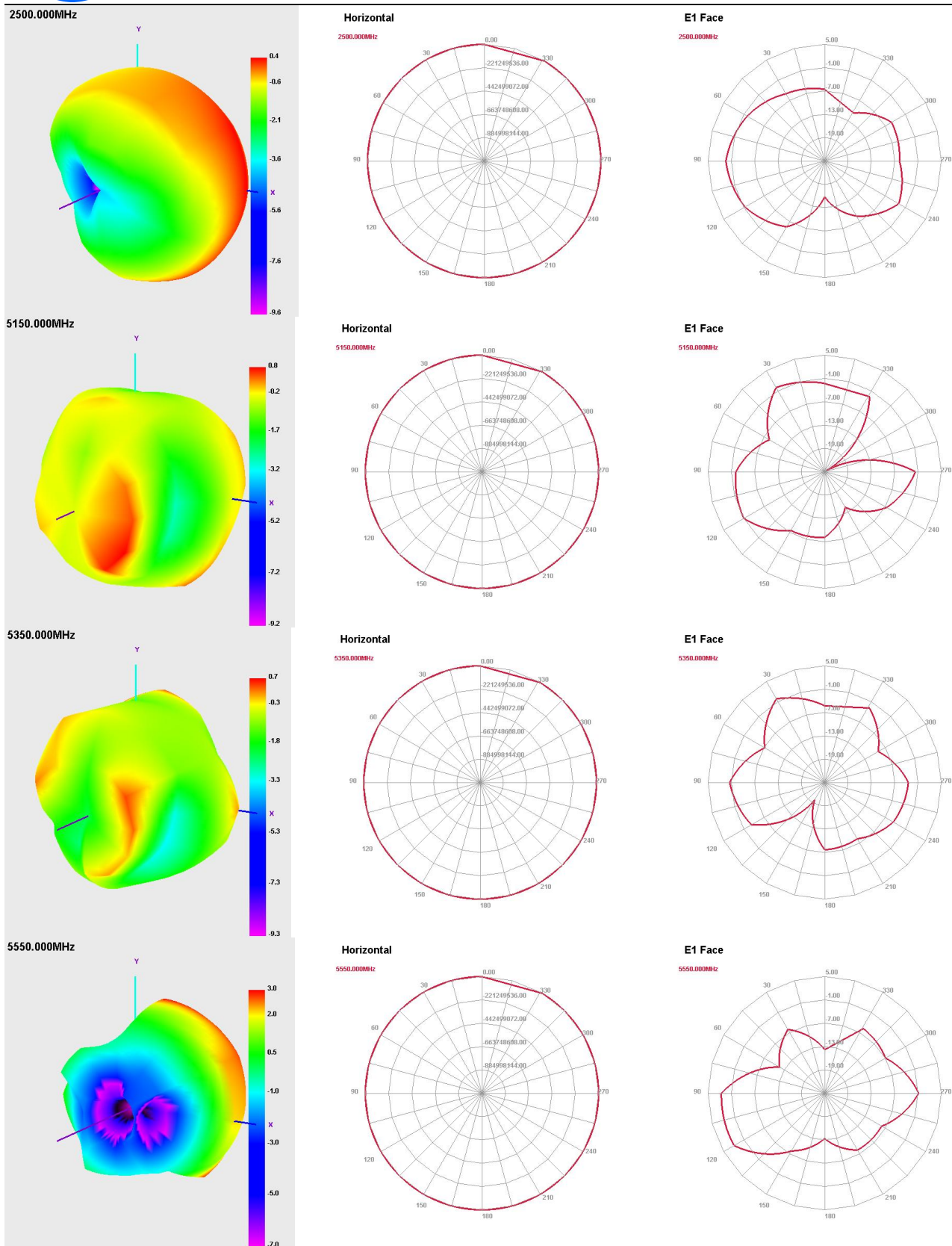


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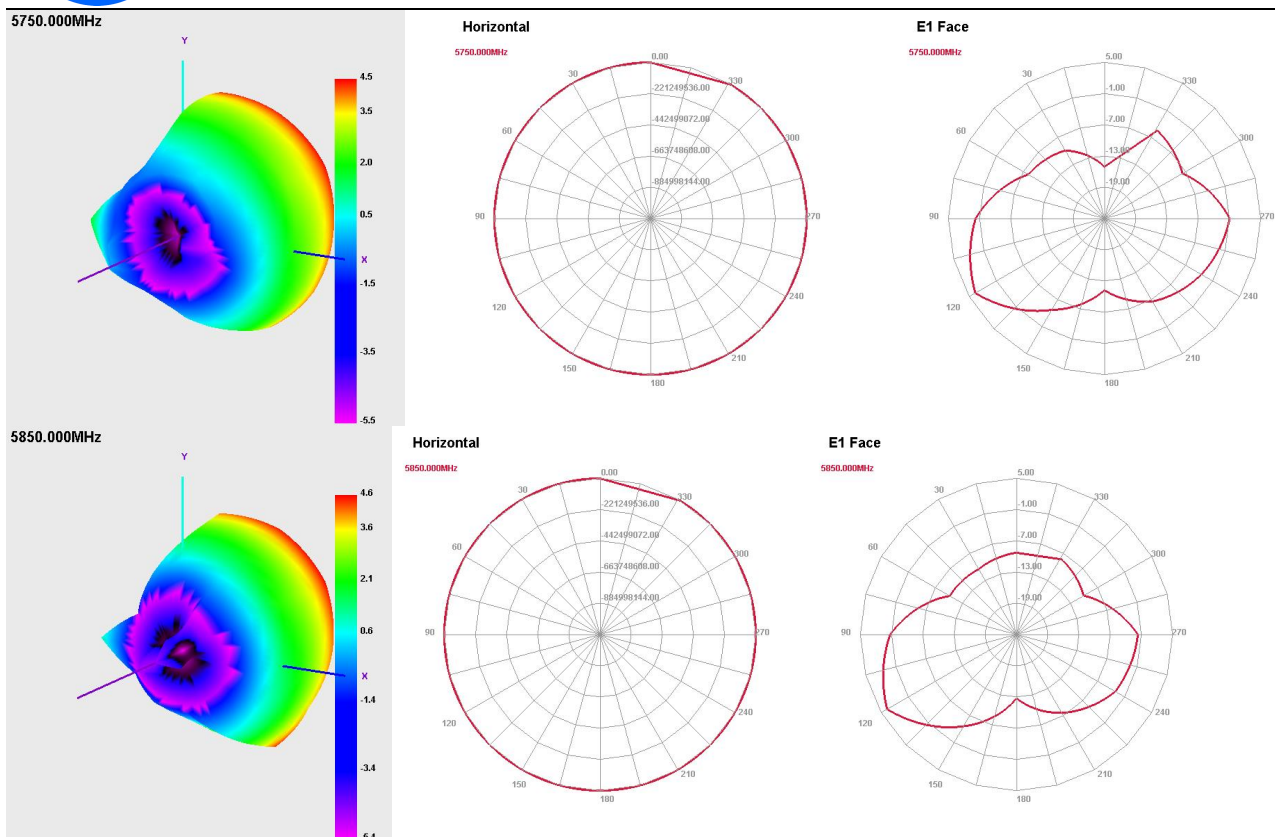


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