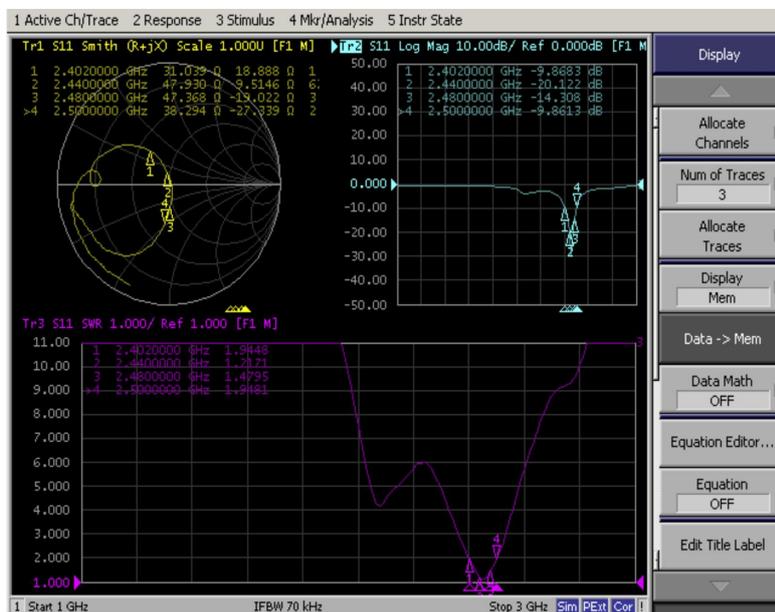


3、 Specification of electrical and mechanical properties

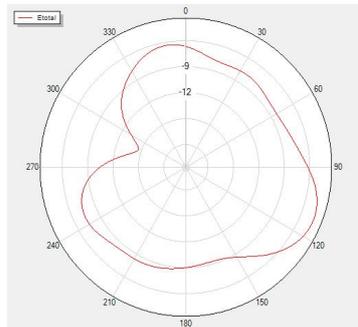
3.2. S11 parameter



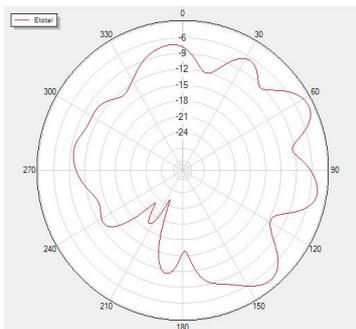
3.3. Passive efficiency

L				
	FS		Head&ear	
	gain(dBi)	efficiency (%)	gain(dBi)	efficiency (%)
2400	-3.59	18.32	-7.34	10.06
2410	-3.49	19.34	-7.14	10.37
2420	-3.46	20.07	-7.04	10.51
2430	-3.48	20.35	-7.05	10.49
2440	-3.53	20.34	-7.14	10.27
2450	-3.47	20.51	-7.29	9.93
2460	-3.37	20.76	-7.4	9.73
2470	-3.27	20.84	-7.5	9.58
2480	-3.25	20.86	-7.61	9.4
2490	-3.27	20.74	-7.75	9.21
2500	-3.41	20.28	-7.94	8.99

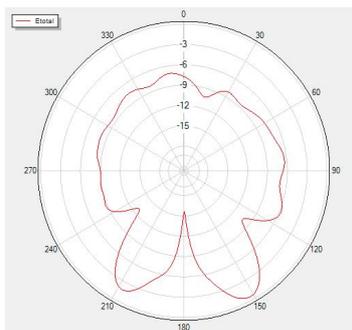
Theta=90 Freq=2440MHz



Phi=90 Freq=2440MHz



Phi=0 Freq=2440MHz



3.4. Active data

L			
	channel	TRP (dbm)	TIS (dbm)
Free space	0	3.9	-87.5
	39	3.3	-88.1
	78	3.3	-88.6
	channel	TRP (dbm)	TIS (dbm)
Second generation head die	0	-1.7	-82.0
	39	-2.2	-82.2
	78	-2.7	-82.3