

# KT1719-Antenna Information

## 1. Brand and model of Antenna

Brand: Bmobile

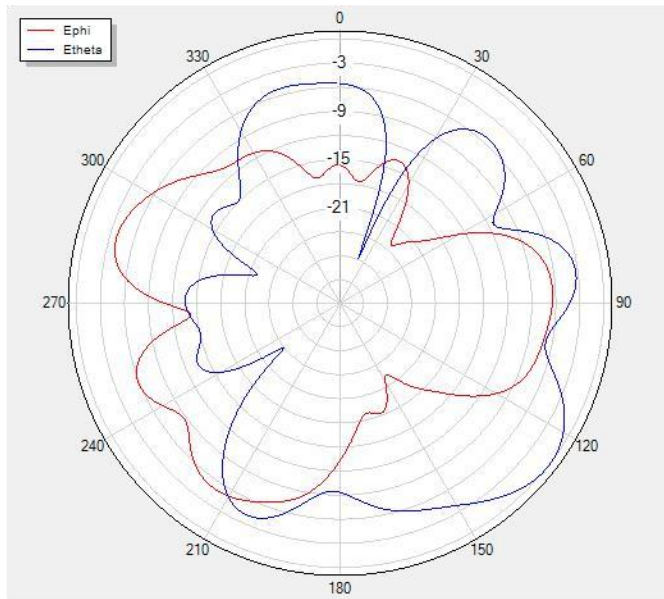
Model of Antenna: KT1719

## 2. Antena Gain in dbi.

antenna	pattern	gain
GSM850	IFIA	1.31
PCS1900	IFIA	-0.83
BT	IFIA	-1.71

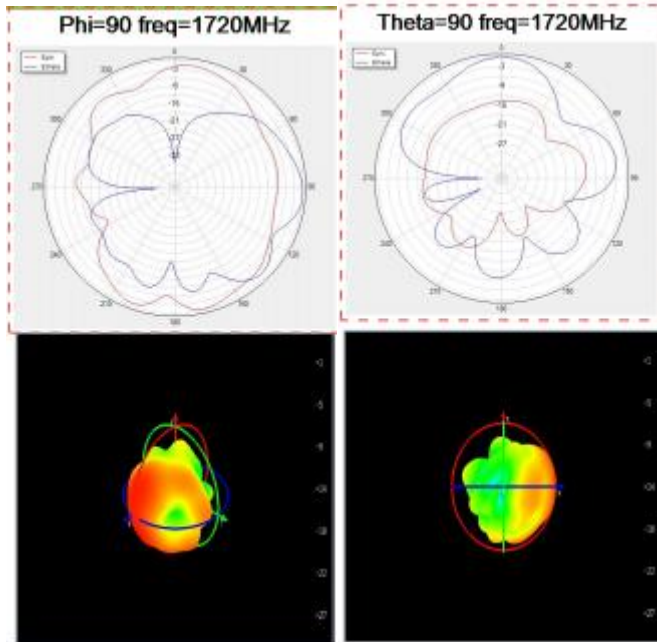
BT :

**Theta=90 freq=2450MHz**



frequency 频率(MHz)	gain 增益(dBi)	mingain 最小增益 (dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	-1.71	-25.14	-7.64	17.24
2410	-2.49	-27.05	-8.25	14.97
2420	-2.72	-27.15	-8.44	14.31
2430	-2.07	-27.31	-7.73	16.86
2440	-2.81	-27.8	-8.36	14.58
2450	-2.78	-26.93	-8.2	15.14
2460	-2.64	-26.46	-8.05	15.67
2470	-3.2	-28.76	-8.63	13.71
2480	-3.04	-28.4	-8.29	14.82
2490	-2.48	-29.56	-8.05	15.66
2500	-3.65	-30.82	-9.06	12.4

main ant



frequency 频率 (MHz)	gain 增益(dBi)	mingain 最小增益 (dBi)	efficiency 效率(dB)	efficiency 效率(%)	frequency 频率(MHz)	gain 增益(dBi)	mingain 最小增益 (dBi)	efficiency 效率(dB)	efficiency 效率(%)
1700	-0.36	-28.77	-7.14	19.32	2060	-1.3	-19.02	-8.06	15.64
1720	-1.48	-27.58	-7.91	16.19	2080	-0.58	-18.64	-7.72	16.92
1740	-1.54	-27.98	-7.7	16.98	2100	0.27	-20.68	-7.59	17.4
1760	0.22	-38.68	-6.23	23.8	2120	0.33	-22.12	-8.06	15.64
1780	0.37	-33.04	-6.12	24.45	2140	1.45	-20.68	-7.16	19.23
1800	0.42	-26.55	-5.98	25.23	2160	2.75	-23.89	-5.63	27.38
1820	1.03	-27.76	-5.35	29.16	2180	3.42	-27.69	-5.37	29.07
1840	1.76	-35.83	-4.61	34.59	2500	3.45	-22.94	-4.26	37.49
1860	2.21	-32.37	-4.41	36.21	2520	3.72	-25.29	-4.19	38.08
1880	1.93	-25.42	-4.53	35.24	2540	3.58	-31.26	-4.46	35.79
1900	2.66	-22.78	-4.08	39.09	2560	3.24	-30.29	-4.32	36.99
1920	1.93	-24.96	-4.38	36.51	2580	3.68	-34.18	-4.22	37.84
1940	1.81	-29.57	-4.57	34.89	2600	3.22	-38.68	-4.66	34.16
1960	1.66	-27.02	-4.68	34.03	2620	2.42	-30.81	-5.06	31.17
1980	0.69	-18.57	-5.47	28.41	2640	2.63	-32.27	-5.14	30.6
2000	-0.13	-18.06	-6.28	23.56	2660	3.09	-39.73	-5.07	31.13
2020	-0.61	-17.74	-6.88	20.52	2680	2.2	-29.77	-5.65	27.2
2040	-0.49	-19.23	-7.27	18.75	2700	2.77	-32.32	-5.17	30.4

### 3. Maximum transmission power

	GSM900			DCS1800		
	1	62	124	512	698	885
MAX	29.55	28.79	28.55	27.17	27.9	28.04
TRP	26.57	25.87	25.77	24.29	24.61	25.17
MAX	-109.95	-108.31	-107.95	-106.91	-107.43	-108.03
TIS	-104.48	-102.87	-101.91	-103.14	-104.15	-104.78

	GSM850			PCS1900		
	128	192	251	512	661	810
MAX	30.2	31.26	31.1	29.37	28.84	28.09
TRP	27.27	27.43	27.44	26.25	26.19	25.49
MAX	-109.41	-109.07	-109.86	-106.04	-104.21	-103.32
TIS	-103.64	-103.48	-104.62	-102.27	-102.1	-101.14

Antenna Size:

