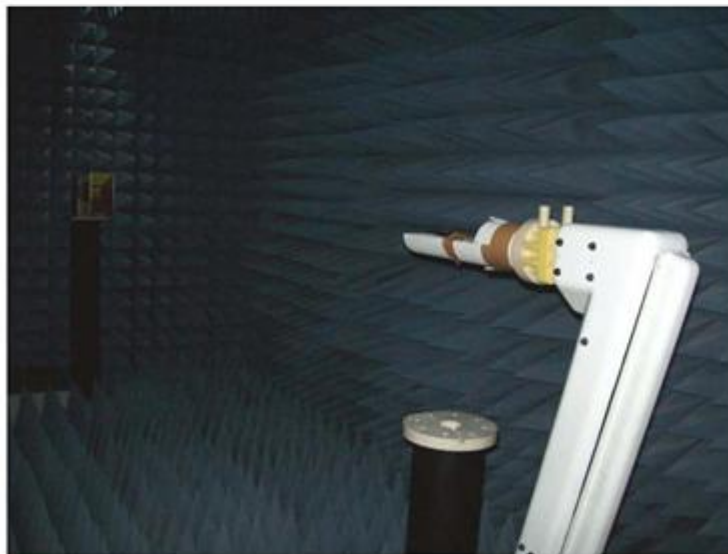
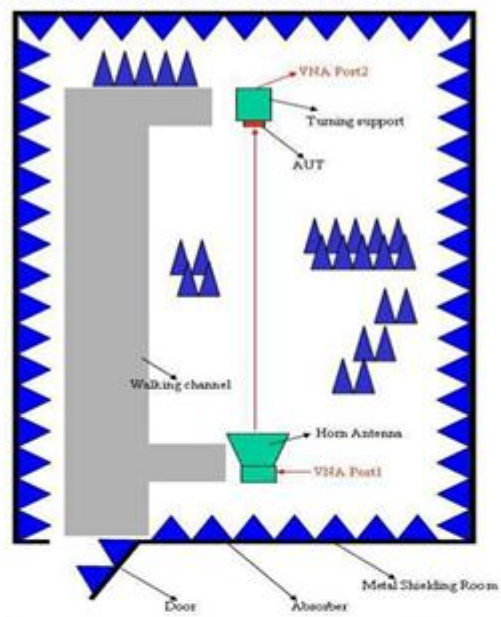


Antenna model	ANT-BLE
Manufacturer	Hisense Visual Technology Co., Ltd.
Address	No. 218 Qianwangang Road, Economy & Technology Development Zone, Qingdao, China
Antenna gain	-3.18 dBi max

Antenna photo:



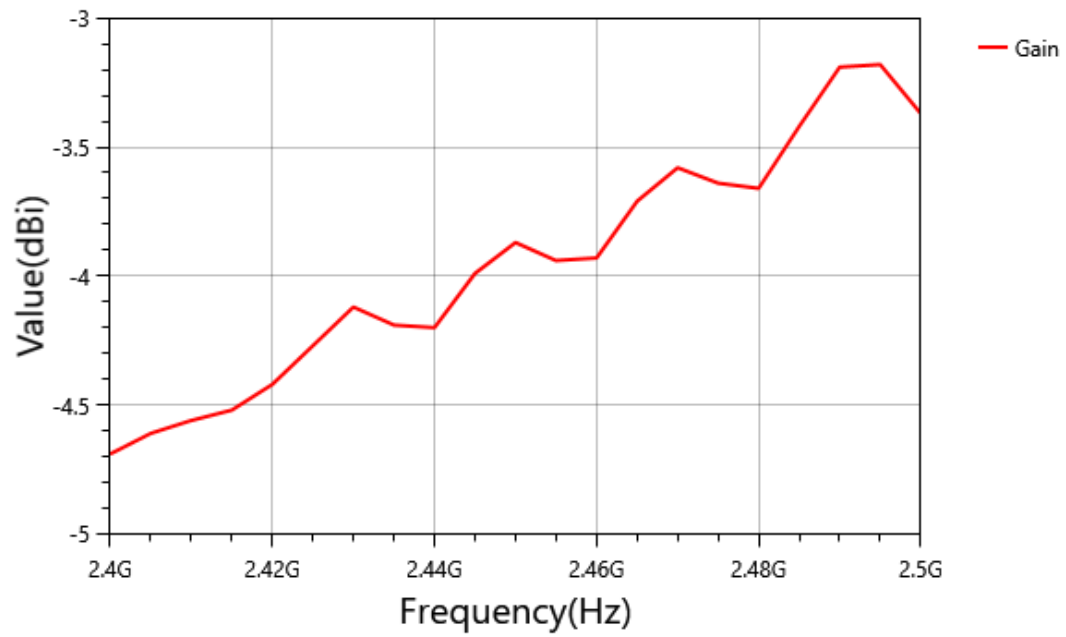
The Environment of Antenna Radiation Pattern



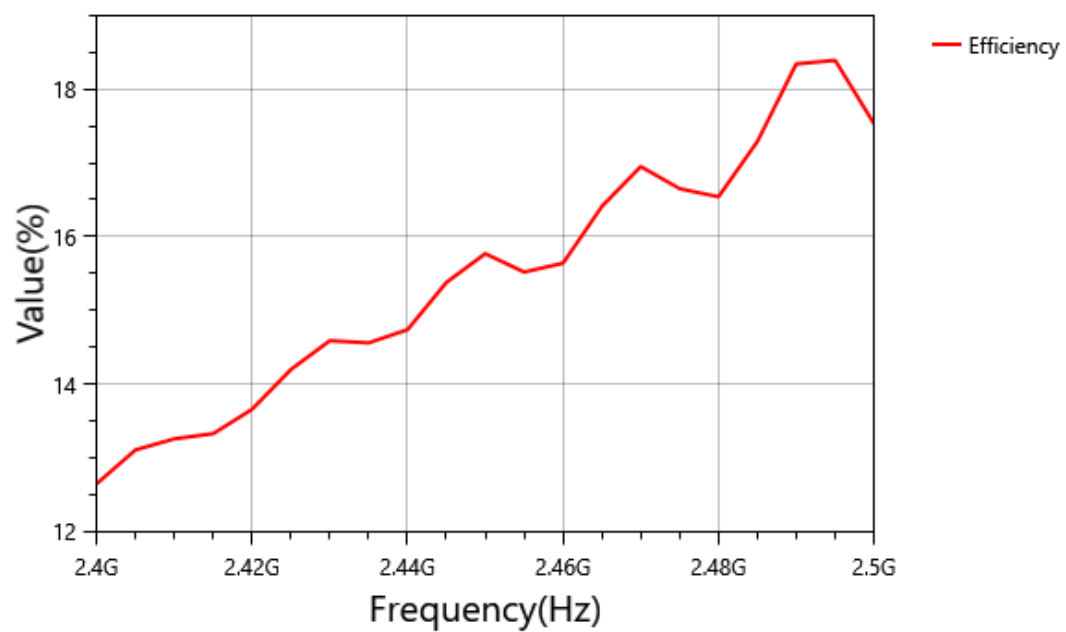
Test result

Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	-4.69	-8.9784	12.65
2405	-4.61	-8.8256	13.11
2410	-4.56	-8.775	13.26
2415	-4.52	-8.7504	13.33
2420	-4.42	-8.6443	13.66
2425	-4.27	-8.4776	14.2
2430	-4.12	-8.3602	14.59
2435	-4.19	-8.3682	14.56
2440	-4.2	-8.3145	14.74
2445	-3.99	-8.1296	15.38
2450	-3.87	-8.0219	15.77
2455	-3.94	-8.0905	15.52
2460	-3.93	-8.0572	15.64
2465	-3.71	-7.8492	16.41
2470	-3.58	-7.708	16.95
2475	-3.64	-7.7846	16.65
2480	-3.66	-7.8136	16.54
2485	-3.42	-7.6233	17.29
2490	-3.19	-7.3671	18.34
2495	-3.18	-7.3546	18.39
2500	-3.37	-7.5618	17.53

Gain Vs Frequency

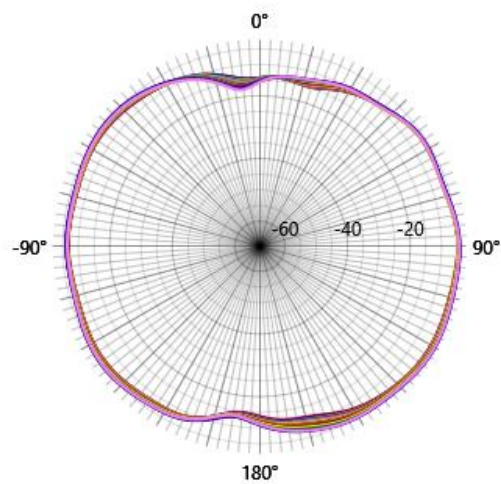


Efficiency Vs Frequency



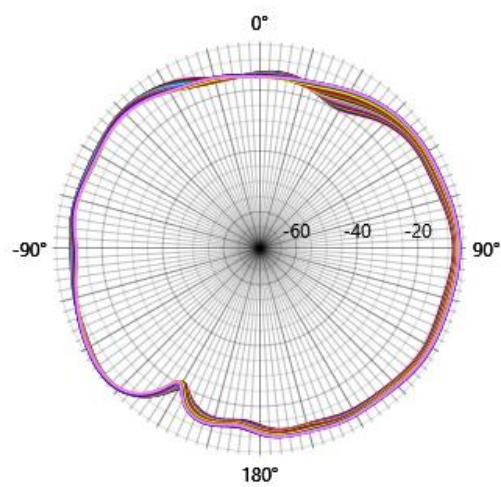
2D radiation pattern diagram

Gain_Total Vs Phi(0°)



2400MHz 2475MHz
2405MHz 2480MHz
2410MHz 2485MHz
2415MHz 2490MHz
2420MHz 2495MHz
2425MHz 2500MHz
2430MHz
2435MHz
2440MHz
2445MHz
2450MHz
2455MHz
2460MHz
2465MHz
2470MHz

Gain_Total Vs Phi(90°)



2400MHz 2475MHz
2405MHz 2480MHz
2410MHz 2485MHz
2415MHz 2490MHz
2420MHz 2495MHz
2425MHz 2500MHz
2430MHz
2435MHz
2440MHz
2445MHz
2450MHz
2455MHz
2460MHz
2465MHz
2470MHz

Gain_Total Vs Theta(90°)

