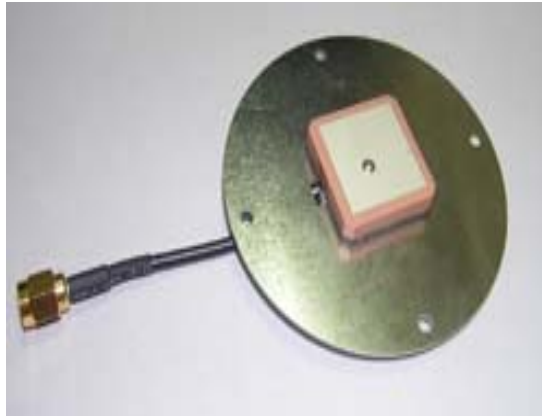


Inmarsat satellites Passive Antenna Module

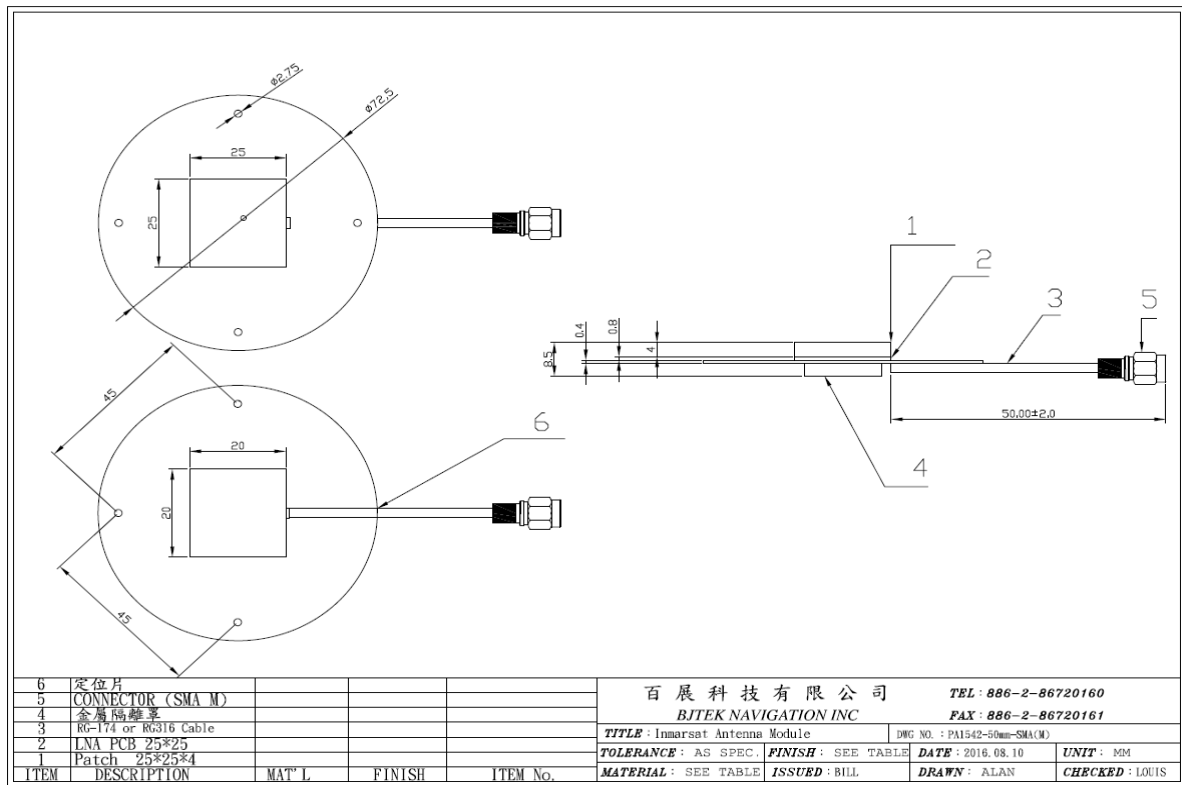
MODEL: PA-1542

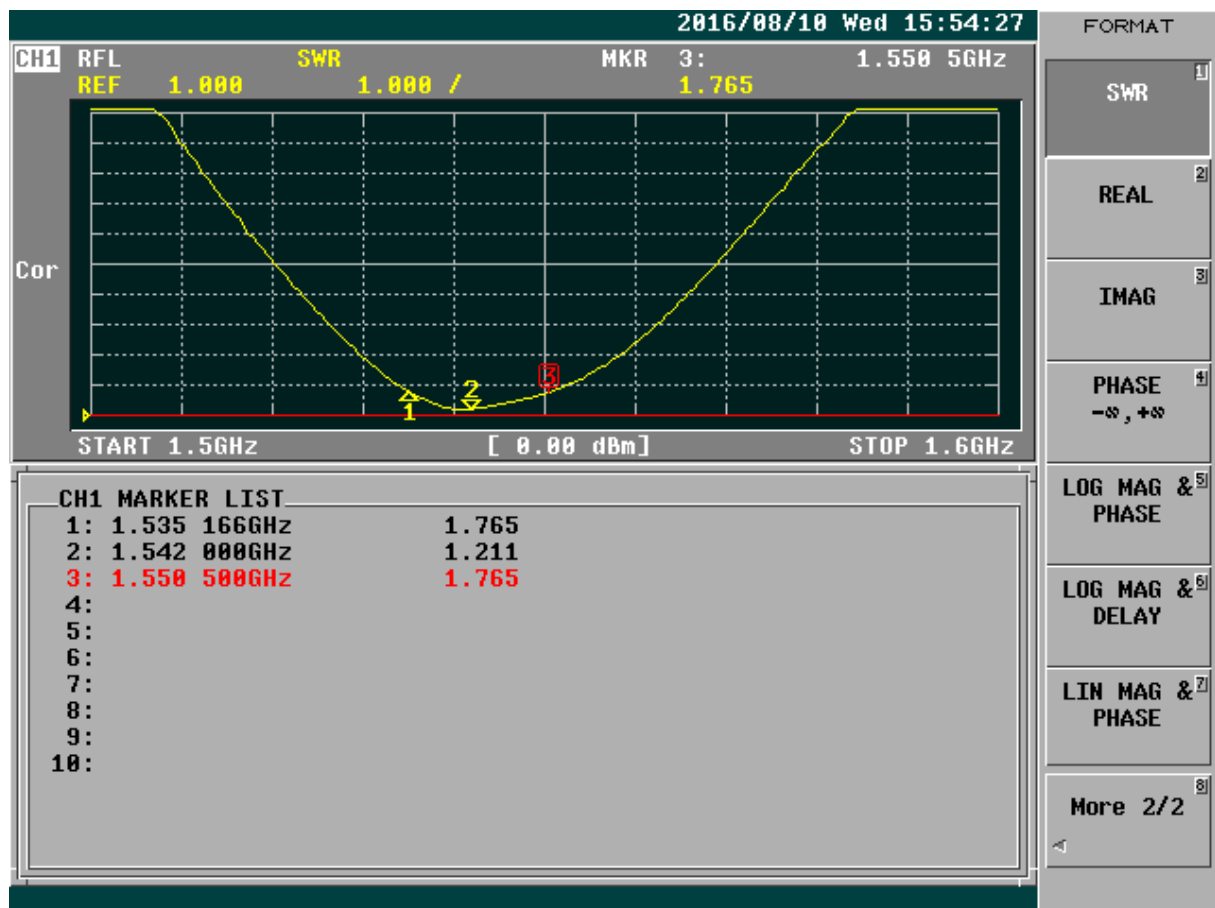
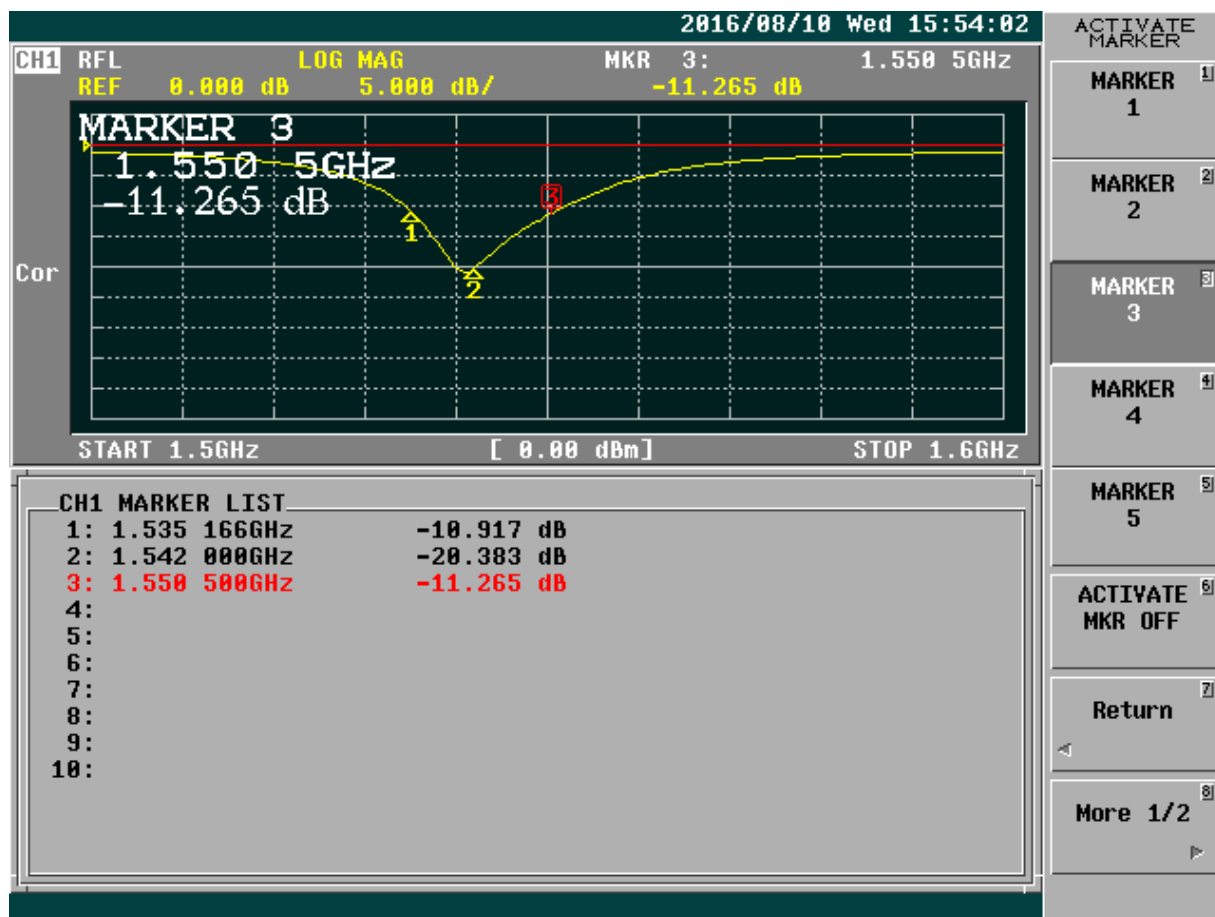


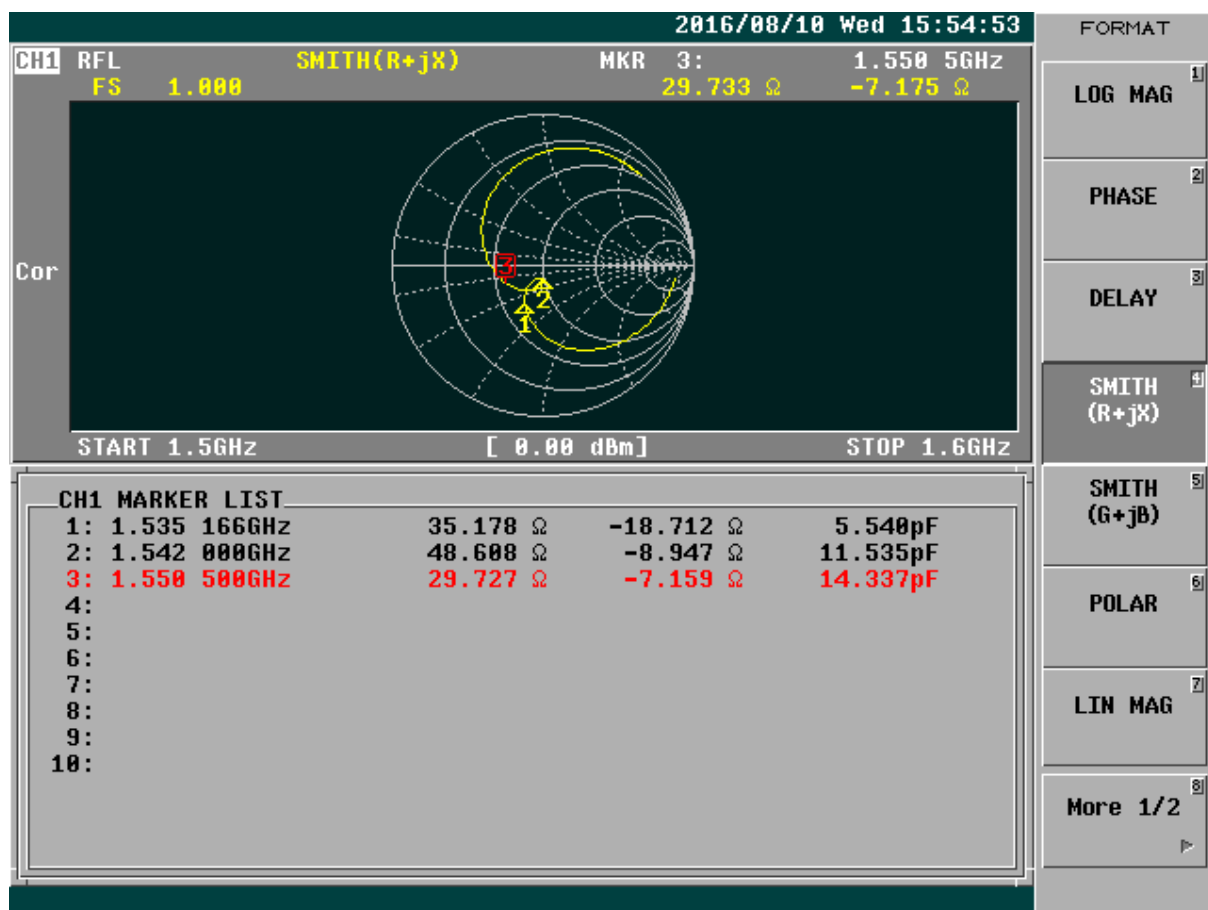
Specification	
Physical Condition	
Dimension	72.5mm (OD) x 8.5mm (H)
Weight	>30 grams
Environmental Conditions	
Operation temperature	-40°C to +100°C
Storage temperature	-40°C to +100°C
Relative Humidity	40% to 95%
Antenna	
Frequency range	1535~1550MHz fo:1542Mhz
Gain at Zenith	4.0 dBi
Bandwidth	7 MHz . @S11≤-10 dB
Polarization	RHCP
Impedance	50 ohm
VSWR	2.0 max.

* This specification is subject to change without prior notice

Data Updated: AUG 10, 2016







Frequency (MHz)	1535	1542	1550
Average Gain (dBi)	-1.62	-1.50	-1.72
Peak Gain (dBi)	4.24	4.23	4.3
Efficiency (%)	68.87	70.83	71.34

