

GPS ACTIVE/DVB-T 470-860MHz 2 IN1 PATCH ANTENNA+RG174(5M)x2+SMA
PLUG(GPS)+FME JACK(DVB-T)



Specifications/Special Features :

This antenna is designed for
GPS/DVB-T wireless communications

Specification	
Model No.	GPM-05
Antenna Type	Patch
Antenna Size	L50xW50xH14 mm
DVB-T	
Frequency	470-860 MHz
VSWR	< 2.2
Polarization	Linear Vertical
Temperature	-40 to +85 °C
Humidity	40% to 95% RH
Connector (GSM)	FME FEMALE (Option)

Cable: RG-174 Options	Length=5M (Option)
GPS	

Ceramic Path Specification:

Operating Frequency	T1 1575.42±1.023 MHz
Output Impedance	50 ohms
Polarization	R.H.C.P.
Bandwidth	10 MHz min. @S11<=-10 dB
Gain at 10° elevation	-1 dBic Typ.
Axial Ratio	3.0 dB Typ.

LNA/Filter Specification:

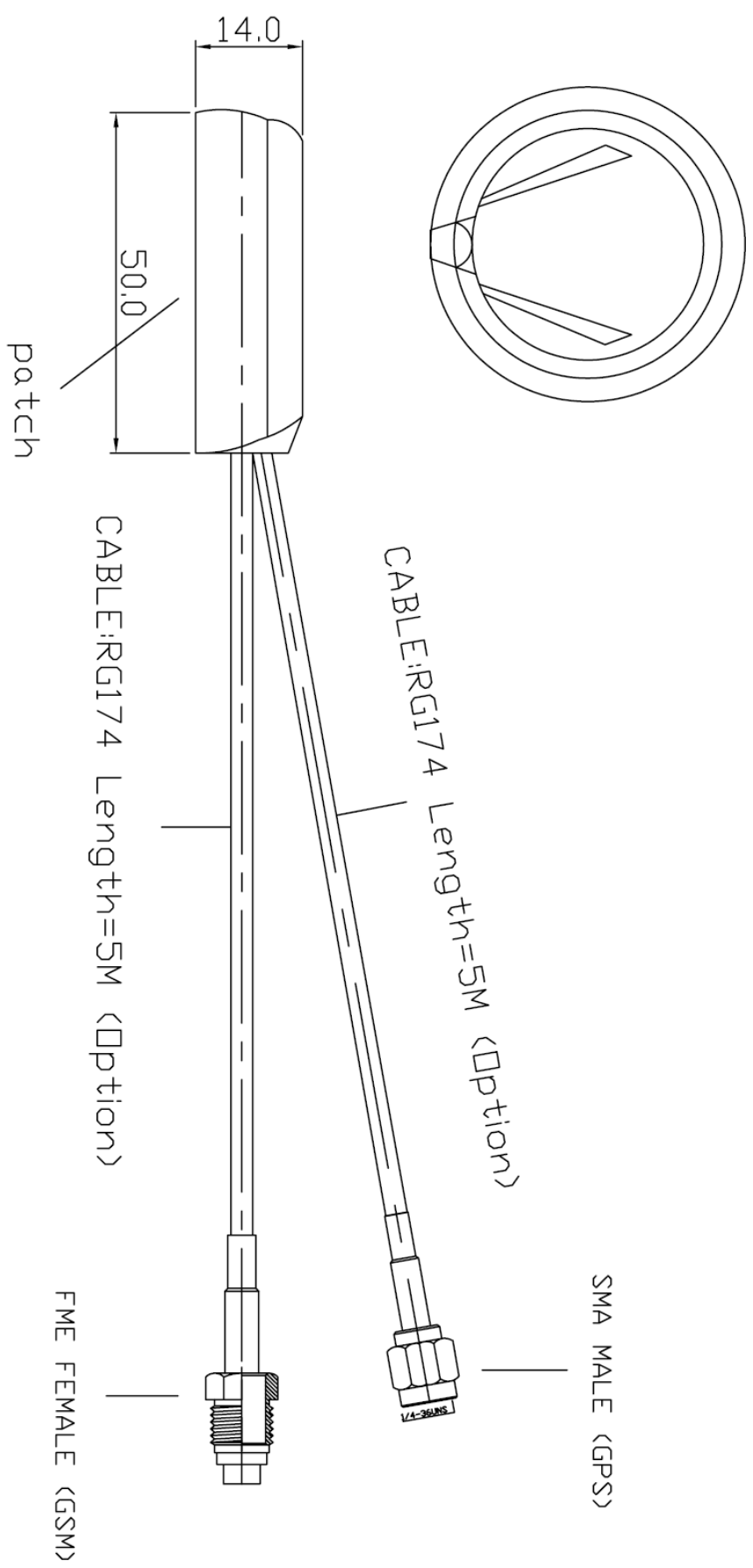
Operating Frequency	T1 1575.42±1.023 MHz
Gain	28 Db Typ.
Noise Figure	1.5 Typ.
Filter	DR Filter
	20dB 30dB min @ fo±50MHz
	30dB 35dB min @ fo±50MHz
	* fo=1575.42 MHz
Output VSWR	2.0 Max
Voltage	2.3~5.5V
Current	2.5V : 6.6mA Typical
	3V : 8.6mA Typical
	4V : 12.6mA Typical
	5V : 16.6mA Typical

General specification:

Dimensions	L 41xW38xH13 mm
Antenna Color	Black
Coaxial Cable	RG174 Length=5M (Option)
Cable Connector (GPS)	SMA MALE (Option)
Operating Temperature	-30°C to +85°C
Storage Temperature	-40°C to +90°C

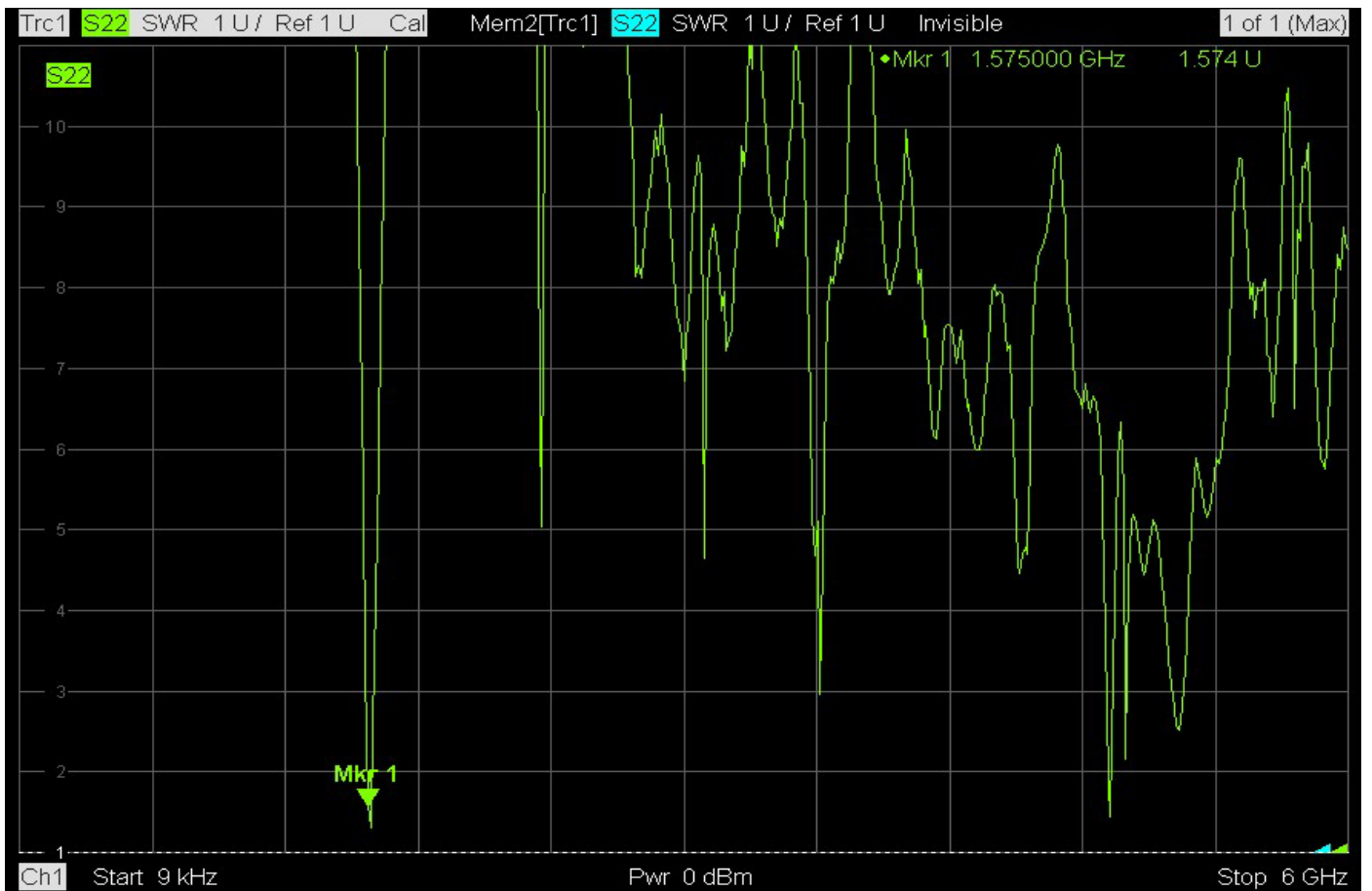
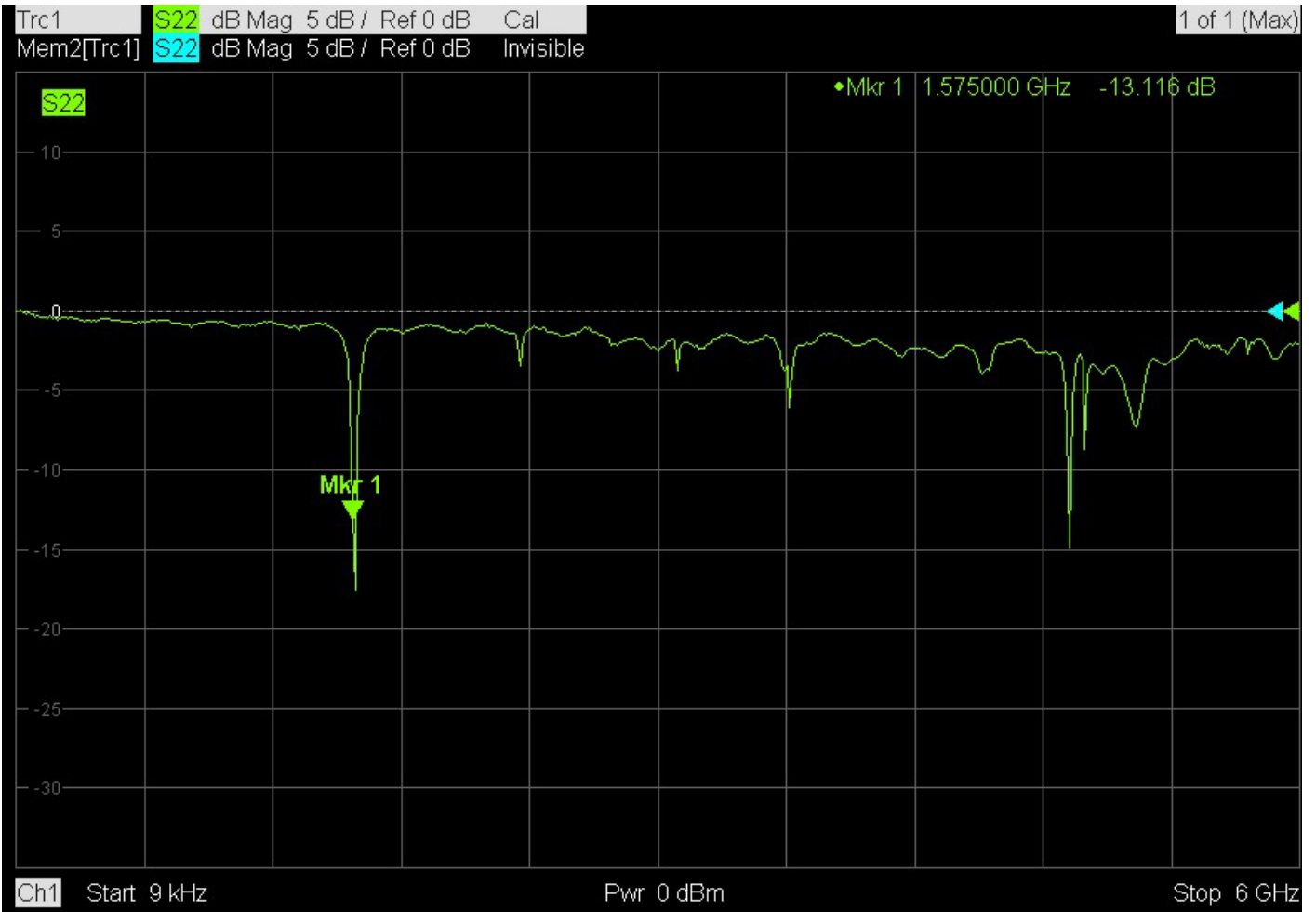
GPM-05

GPS/DVB-T(470-860MHz) 2 IN1 PATCH ANTENNA+RG174x2(5M)+SMA PLUG(GPS)+FME JACK(DVB-T)

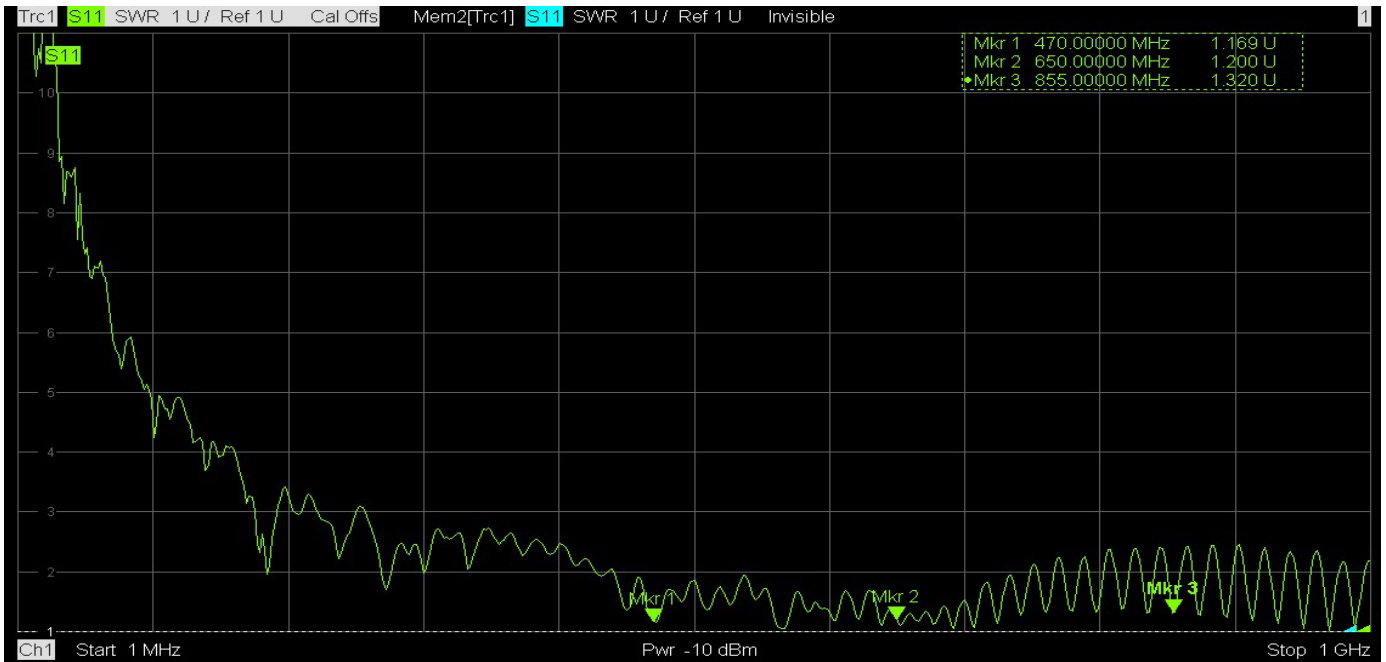


1	FREQUENCY : GPS1575 /DVB-T 470-860 MHz	6	IMPEDANCE : 50Ω
2	GAIN : GPS 28dB/DVB-T	7	
3	V.S.W.R : GPS < 1.6, DVB-T < 2.2	8	
4	CABLE LENGTH :RG174 Length=5M X2 (Option)	9	
5	CONNECTOR : FME & SMA ... (Option)	10	

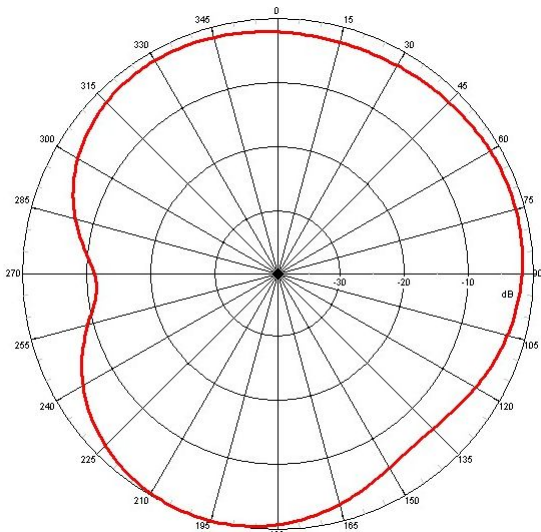
GPS TEST



DVB-T TEST



H-PLANE



E-PLANE

