

RF TEST ENCLOSURE

RT-5330

DATA SHEET



1. 특징

RT-5330 RF Test Enclosure 는 5G 무선통신 단말기 측정을 위한 최적의 환경을 제공하도록 구성 되어있으며, 아래 와 같은 특징을 가지고 있다

- Simple 한 구성과 뛰어난 내구성
- 편리한 사용법 및 유지보수
- 2 개의 I/O Panel 적용
- 고성능 RF Absorber 모든 내부 벽면 적용
- 2 중 차폐 구조 적용.
- 상하 좌우 벽면에 Fixture 부착용 Mounting hole 적용
- 5G 전 주파수 대역에 적용 가능
- 5G antenna assembly 부착 (optional)

2 .제품 사양

	W (mm)	D (mm)	H (mm)
Outer Size (Closed)	456	514	399
Outer Size (Opened)	480	818	399
Inner Size	350	370	320
Weight	Approx. 40Kgf		
Packing Size	50	620	500
Packing Weight	Approx. 45Kgf		
Interface	I/O Panel : IA-Series		

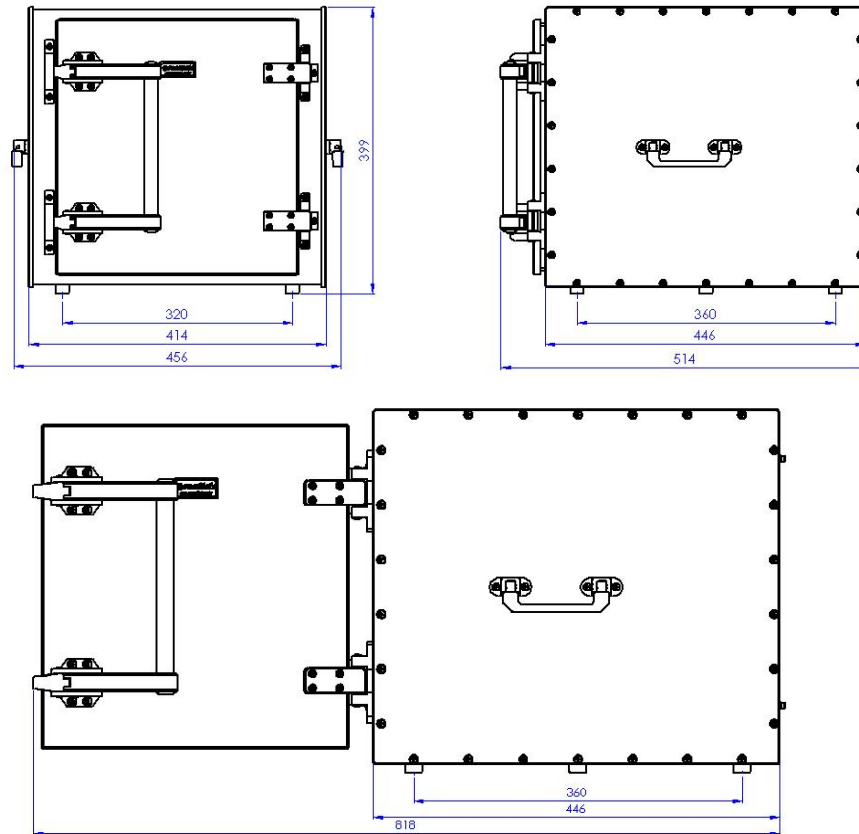
차폐 효과

Frequency – Unit : GHz	Shielding effectiveness – Unit : dB
0.5-6GHz	>70
26.5G-40GHz	>60

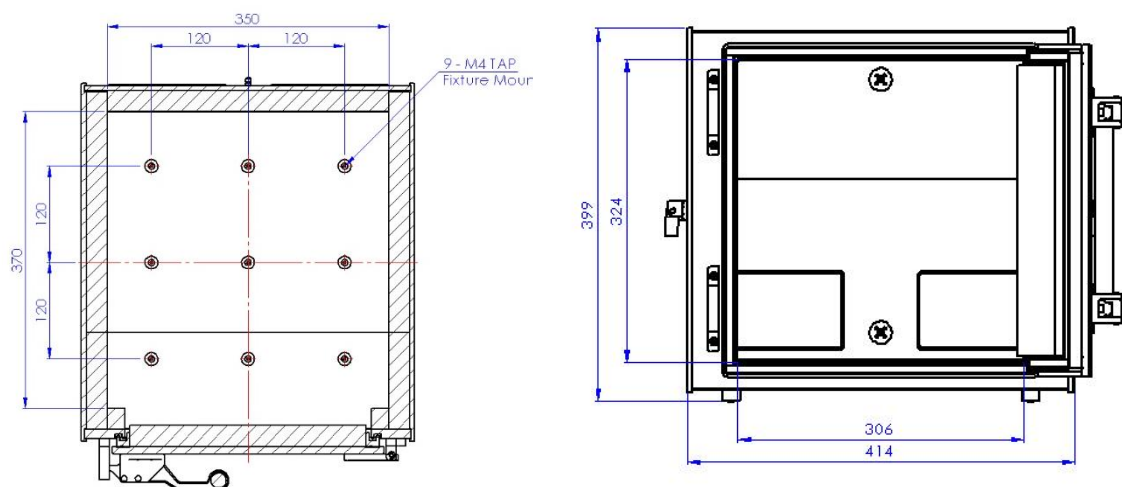
본 차폐효과의 결과 치는 blank I/O Panel 을 장착한 후 측정한 결과 입니다.

3. Dimensions

Outside Dimensions



Inside Dimensions

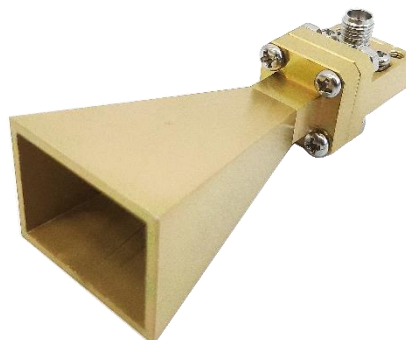


4-1 . Optional antenna

Product Feature

- Rectangular Waveguide Interface
- 26.5GHz to 40 GHz
- Minimum 16dBi Gain

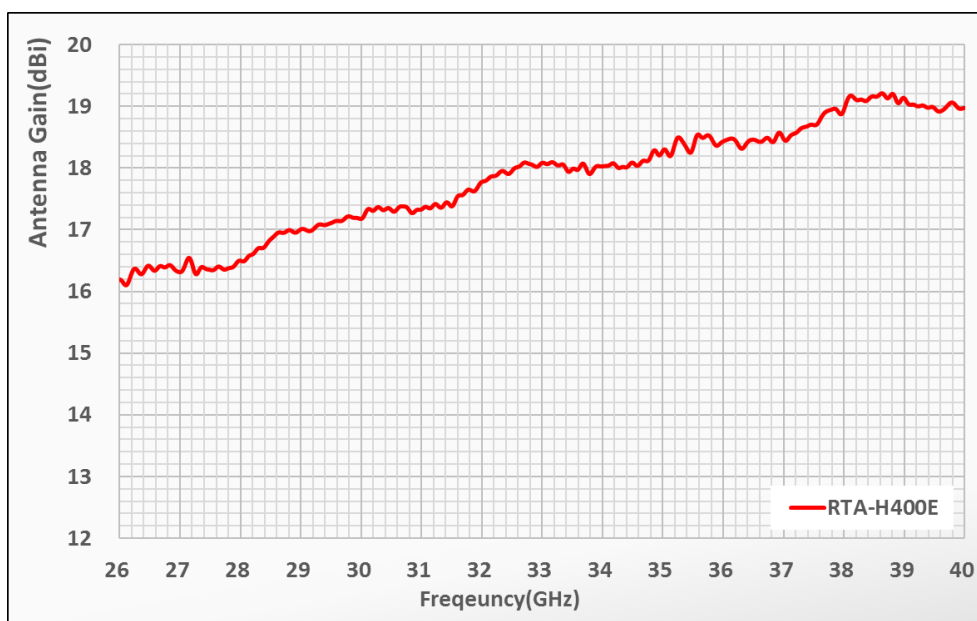
RTA-H400E with RTW-RE00K



Specification

Parameter	Value	Unit	Description
Frequency	26.5 ~ 40.0	GHz	
Dimension	32.0mm(W) X 58.0mm(D) X 24.0mm (H)	mm	
Interface	2.92mm(K) connector	-	2.92mm
HPBW	E - Plane: 27.7° H - Plane: 26.0°	degree	Simulated results @ 28GHz

Measurement Data



4-2 . Optional antenna #2

Product Feature

- Wide band Antenna
- Dual Polarization
- Directional Antenna

RTA-Q400K

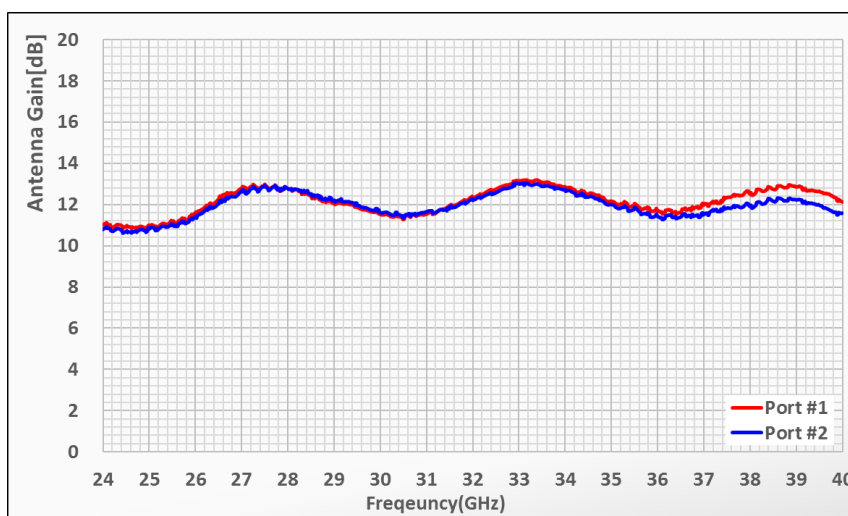


Specification

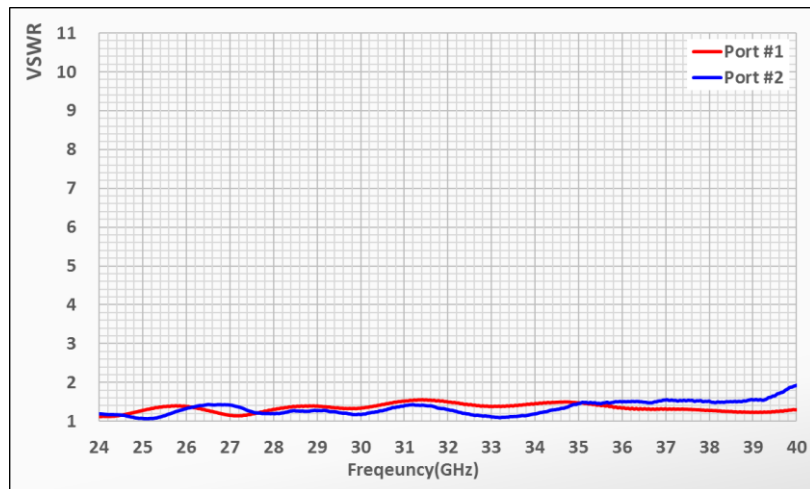
Parameter	Value	Unit	Description
Frequency	24 ~ 40	GHz	
Gain	12	dB	Typical
VSWR	< 2.2 @ 24 ~ 40 GHz	-	
Cross Pol. Isolation	> 20dB		
Cross Port Isolation	> 20dB		
Dimension	49.6(W) X 49.6(D) X 52.3mm (H)	mm	Included connector
Interface	2.92mm(K-Type) Connector	-	Female

Measurement Data

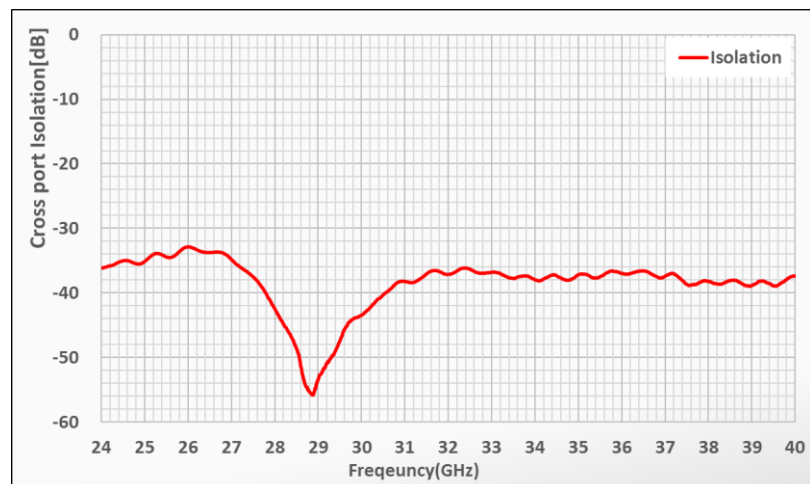
1. Antenna Gain



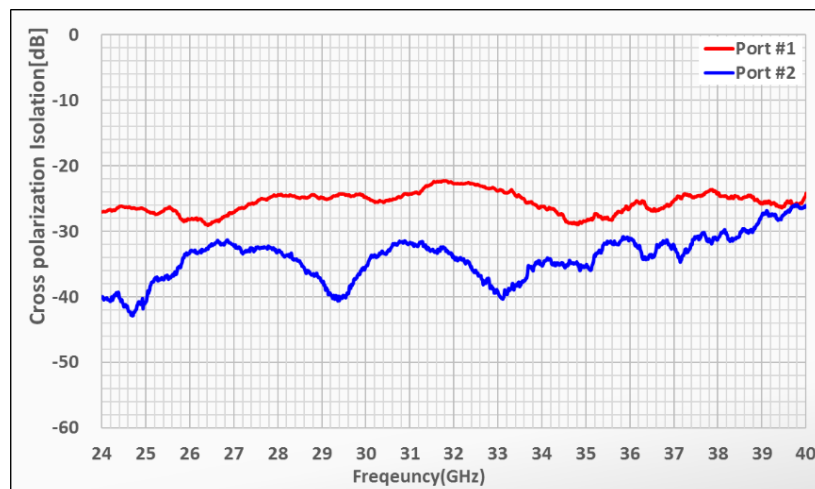
2. Antenna VSWR



3. Cross Port Isolation



4. Cross Polarization Isolation



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**** 본 DATA SHEET 는 당사의 사정에 따라 예고 없이 변경 될 수 있습니다 ****