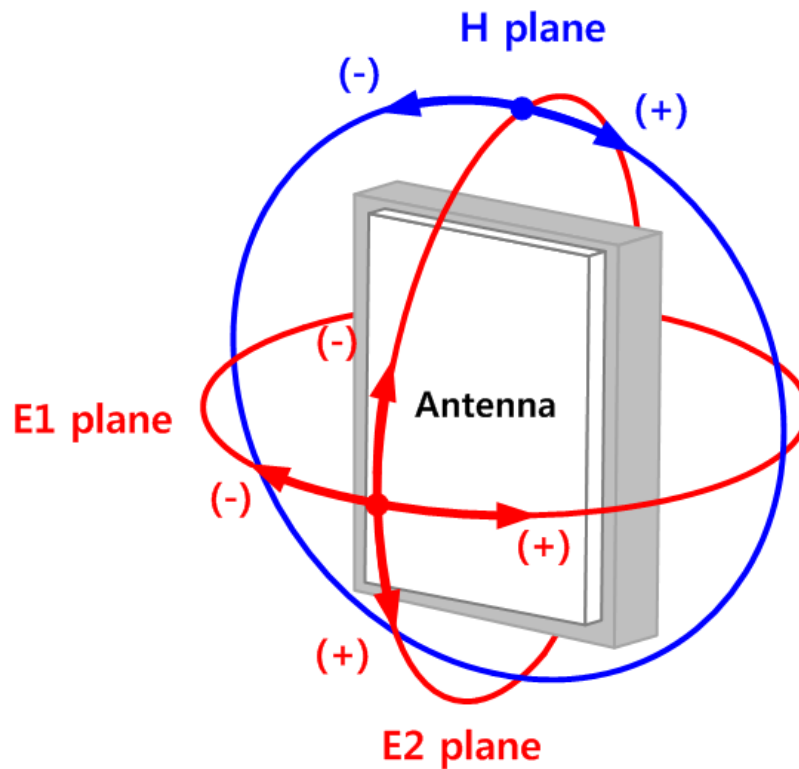


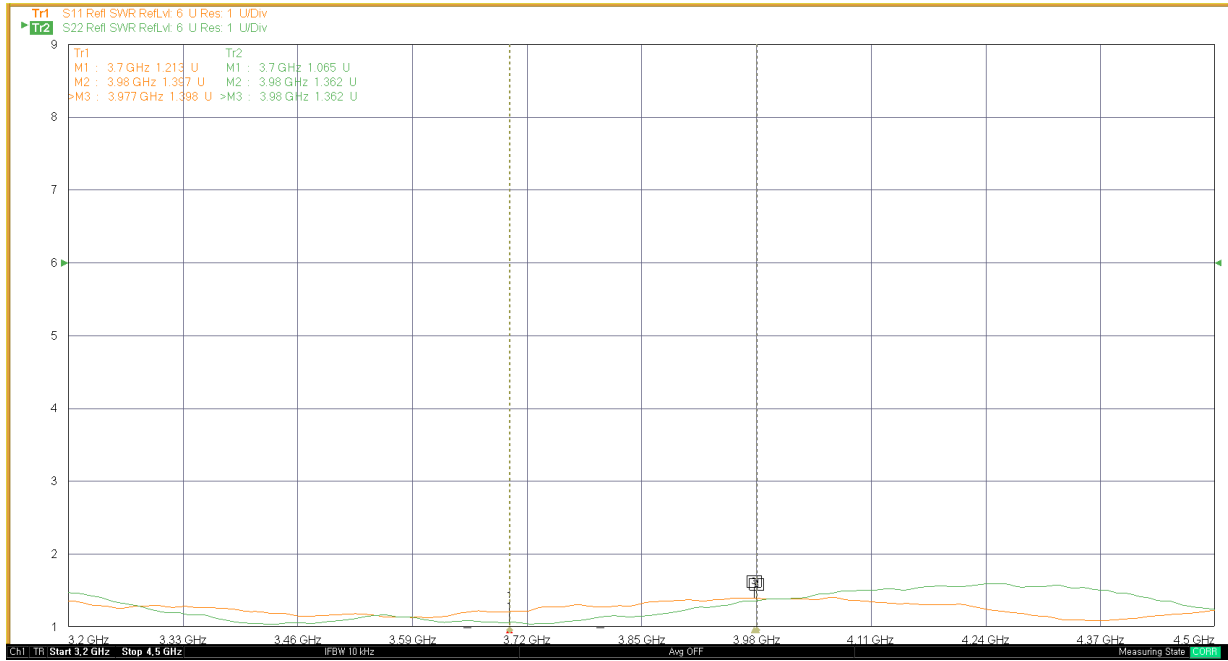
1. Antenna Specifications

Category		Spec.	Test report
Frequency		n77: 3780 ~ 3980MHz	3700 ~ 3980 MHz
Antenna type		Integrated	OK
Polarization		Linear (Vertical)	OK
VSWR		< 1.5:1	1.39 : 1
Port to Port Isolation		> 20dB	21.46
Gain(@RU conduction port)		4.5±1dBi	3.99 ~ 4.91
Beam pattern type		Omni	OK
Null level (H plane)	Average	< 3dB	Average : 2.5
	Peak @ 360 °	< 10dB	Peak@360° : 8.5
Null Level (E1, E2-plane)	Peak @ 0°±80°	-	-
Front-to-Back Ratio (E1, E2 plane)		> 10dB	10.3
Max. Power per TRX		2.5 W @ CW Power	OK
PIM		-	-
Operating temperature(Storage temperature)		-20°C ~ 50°C(-40°C ~ 90°C)	OK
UL certification		UL94 V0(PCB, plastic), UL94 VW1(Cable, silicon)	OK

2. Antenna Pattern



3. Antenna VSWR



4. Antenna Port to Port Isolation

