

Customized

Application Report

Customer	<i>BNCOM</i>
Model	<i>BT PTT</i>
Application	<i>Bluetooth</i>
Antenna type	<i>AMAN802012MS02</i>
Report No.	<i>#1차</i>
Date	<i>2014. 09. 05</i>



Amotech / Antenna Gr.

Written by : 정성래
Contact : rmrksdl@amotech.co.kr

1. Summary of the antenna test

Confidential

1) Test Condition

Test No	Antenna Type	Condition
#1-1	AMAN802012MS02	Series: 1.0nH, Shunt01: N/C, Shunt02: 1.0nH

2) Radiation Gain Table

Test No	Freq (GHz)	Efficiency (%)	Avg. Gain (dBi)	Peak Gain (dBi)
#1-1	2400 MHz	49.3	-3.1	2.9
	2442 MHz	55.2	-2.6	3.4
	2485 MHz	52.0	-2.8	3.0

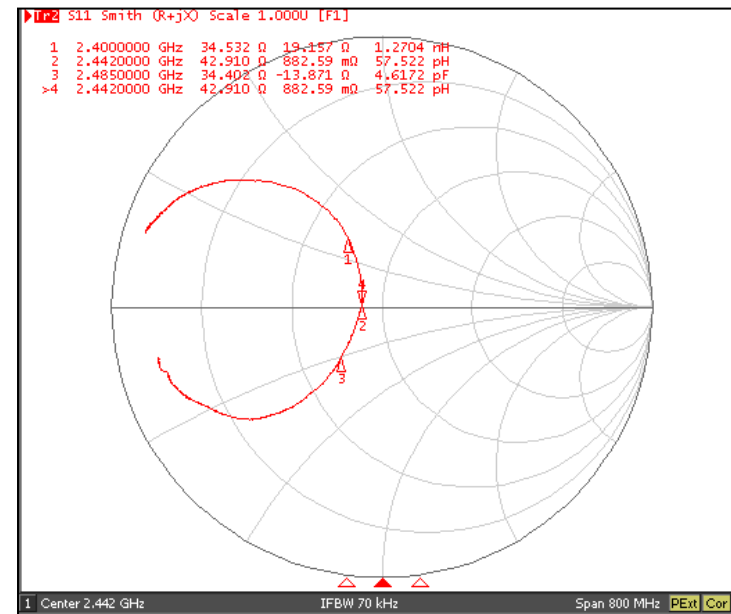
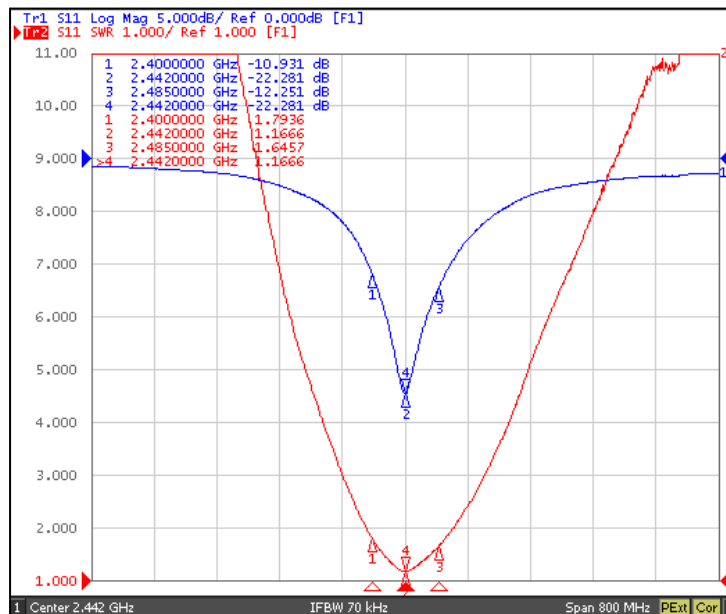
2. TEST #1-1

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1) 안테나 Layout 및 S-Parameter



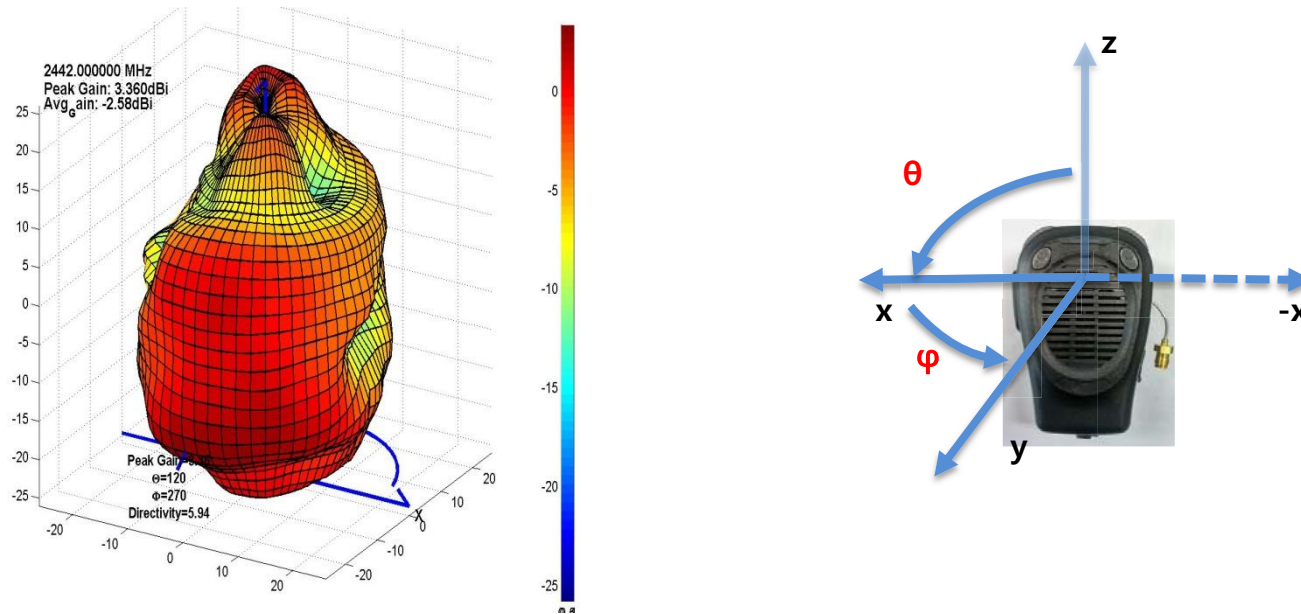
Test No.	#1-1
Antenna	AMAN802012MS02
Series	1.0nH
Shunt 01	N/C
Shunt 02	1.0nH



2. TEST #1-1

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2) Radiation Gain



Test No	Freq (GHz)	Efficiency (%)	Avg. Gain (dBi)	Peak Gain (dBi)
#1-1	2400 MHz	49.3	-3.1	2.9
	2442 MHz	55.2	-2.6	3.4
	2485 MHz	52.0	-2.8	3.0