

Antenna Passive Test Report_1st

Device : Newton M3 2.7"

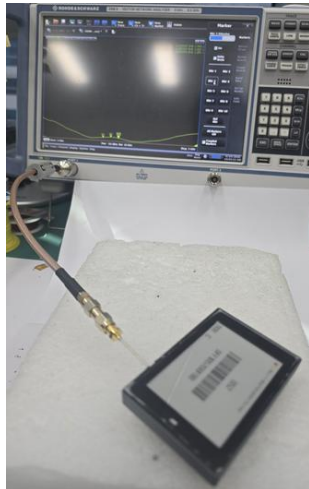
A drafter: 정형우

2026. 03. 24.

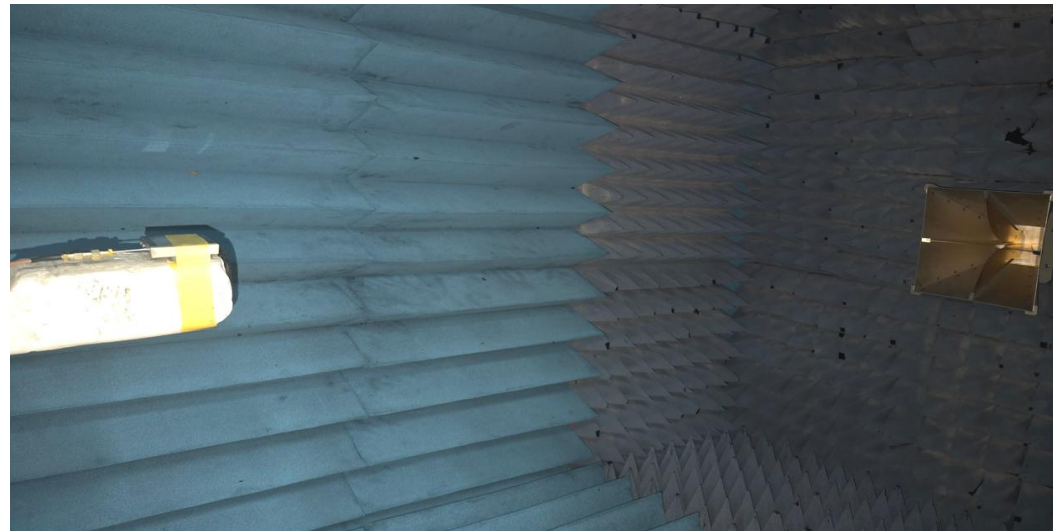
➤ Measurement information

- Name of Measurement Agency KDT
- Address 413ho, 121, dongtan-daero 23-gil, hwaseong-si, Gyeonggi-do Republic of Korea
- Name of Person in Charge Hyung-woo Jung
- Measurement Procedure
 1. VSWR Test
 2. Efficiency & Radiation Test
- Measuring Instruments
 1. Chamber – KTM Compact Chamber
 2. Network Analyzer – ZNB8, 8753E

➤ VSWR Test



➤ Efficiency & Radiation Test



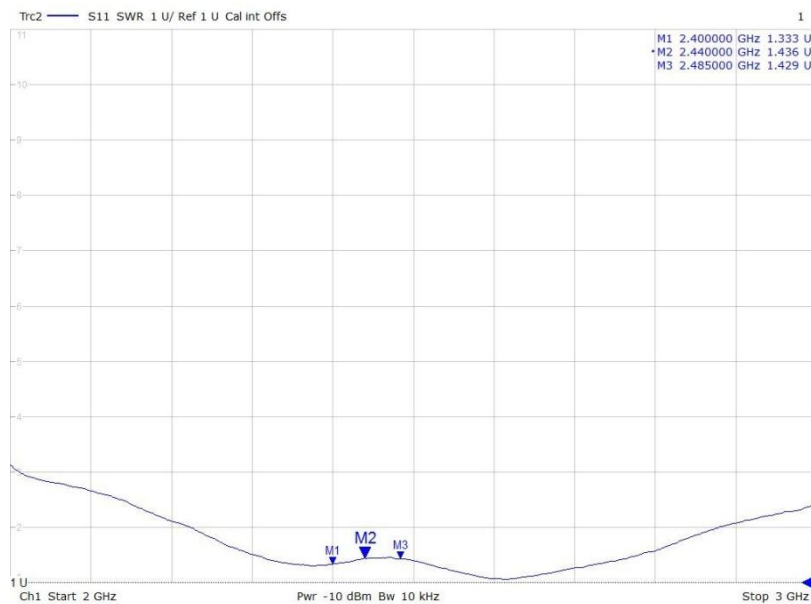
2. Set condition

➤ Newton M3 2.7"

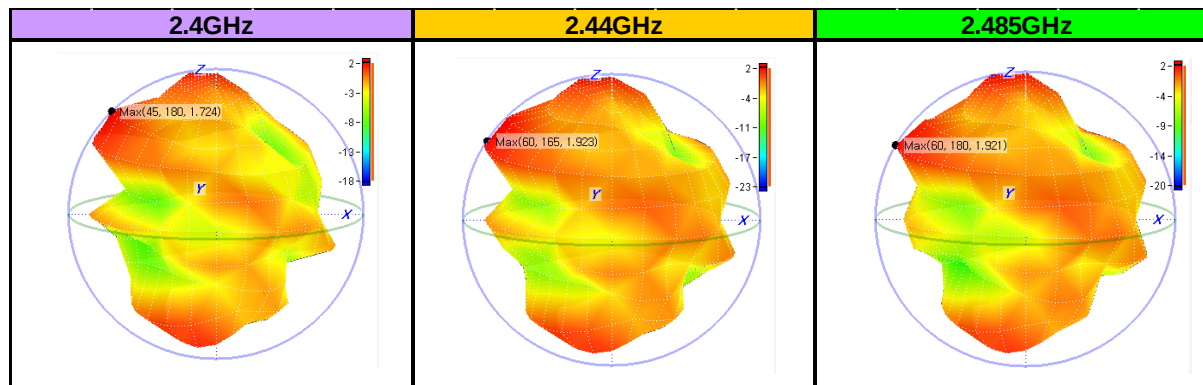


3. Newton M3 2.7"

➤ VSWR



➤ Efficiency



Test Results

No	Frequency	Peak Value		Minimum Value		Avg. Gain	Efficiency
	[MHz]	Value[dBi]	Degree	Value[dBi]	Degree	[dBi]	[%]
1	2400.00	1.72	45 / 180	-17.79	150 / 45	-2.42	57.28
2	2420.00	1.64	45 / 180	-20.65	150 / 45	-2.52	55.99
3	2440.00	1.92	60 / 165	-23.01	150 / 45	-2.65	54.30
4	2460.00	1.82	60 / 180	-21.68	150 / 45	-2.45	56.88
5	2485.00	1.92	60 / 180	-19.94	150 / 45	-2.43	57.18