

Antenna Passive Test Report_1st

Device : Newton M3 4.2''

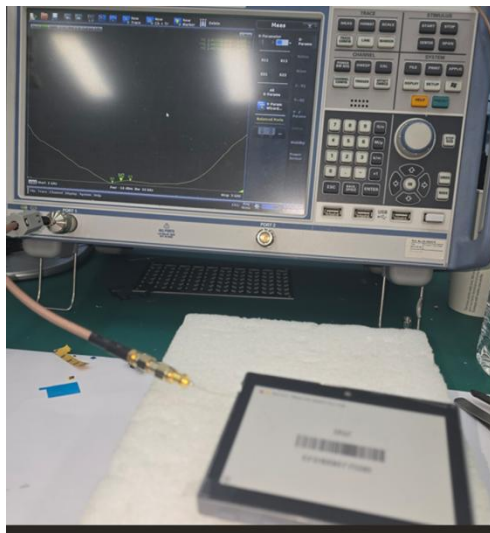
A drafter: 정형우

2026. 03. 24.

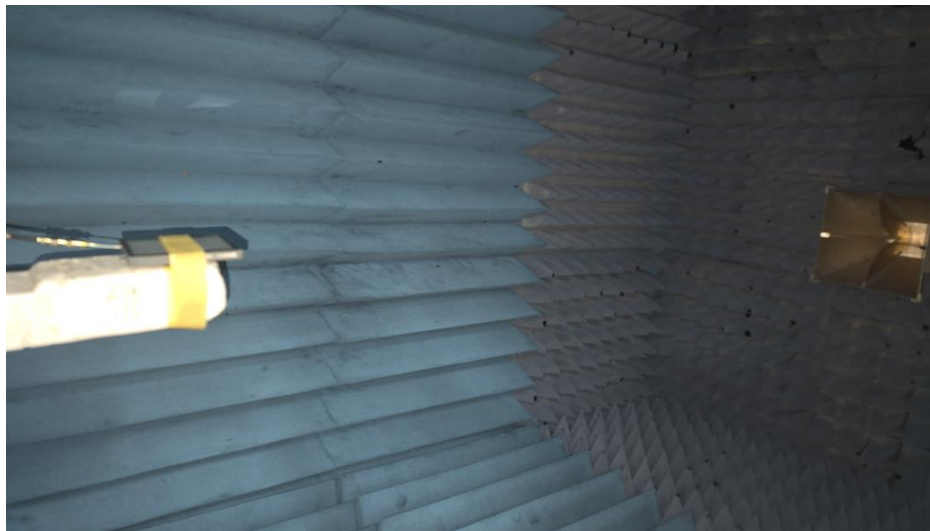
➤ Measurement information

- 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



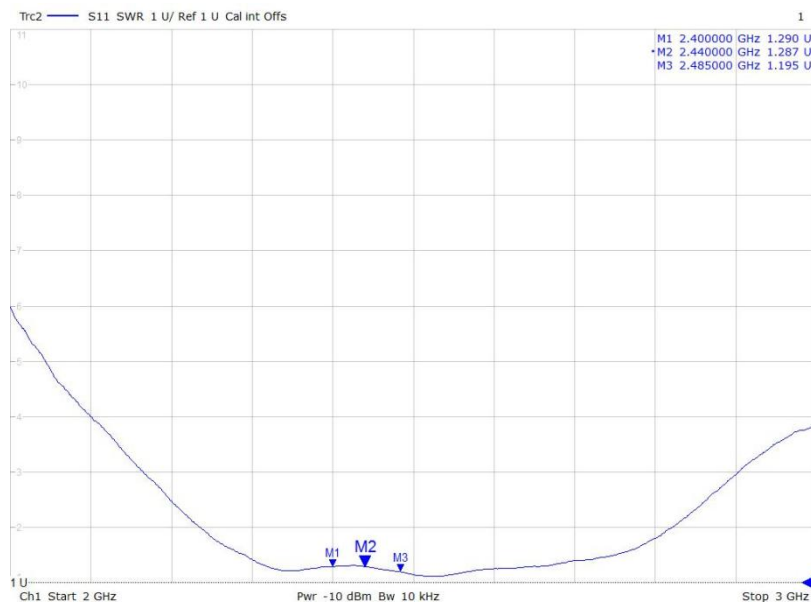
2. Set condition

➤ Newton M3 4.2"

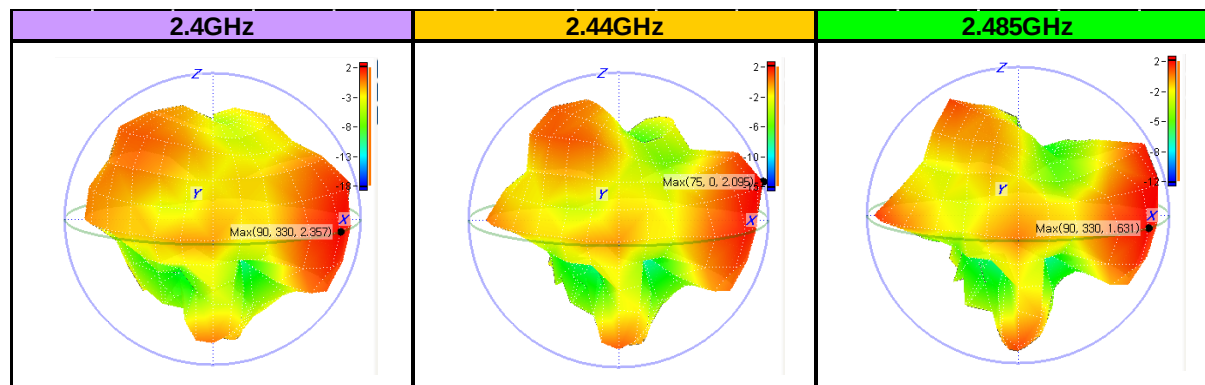


3. Newton M3 4.2"

➤ VSWR



➤ Efficiency



Test Results

No	Frequency	Peak Value		Minimum Value		Avg. Gain	Efficiency
	[MHz]	Value[dBi]	Degree	Value[dBi]	Degree	[dBi]	[%]
1	2400.00	2.36	90 / 330	-17.76	135 / 315	-2.21	60.08
2	2420.00	2.36	90 / 330	-15.80	135 / 315	-2.23	59.82
3	2440.00	2.09	75 / 0	-14.69	135 / 240	-2.32	58.58
4	2460.00	2.10	75 / 345	-12.73	135 / 240	-2.20	60.24
5	2485.00	1.63	90 / 330	-11.75	135 / 240	-2.17	60.68