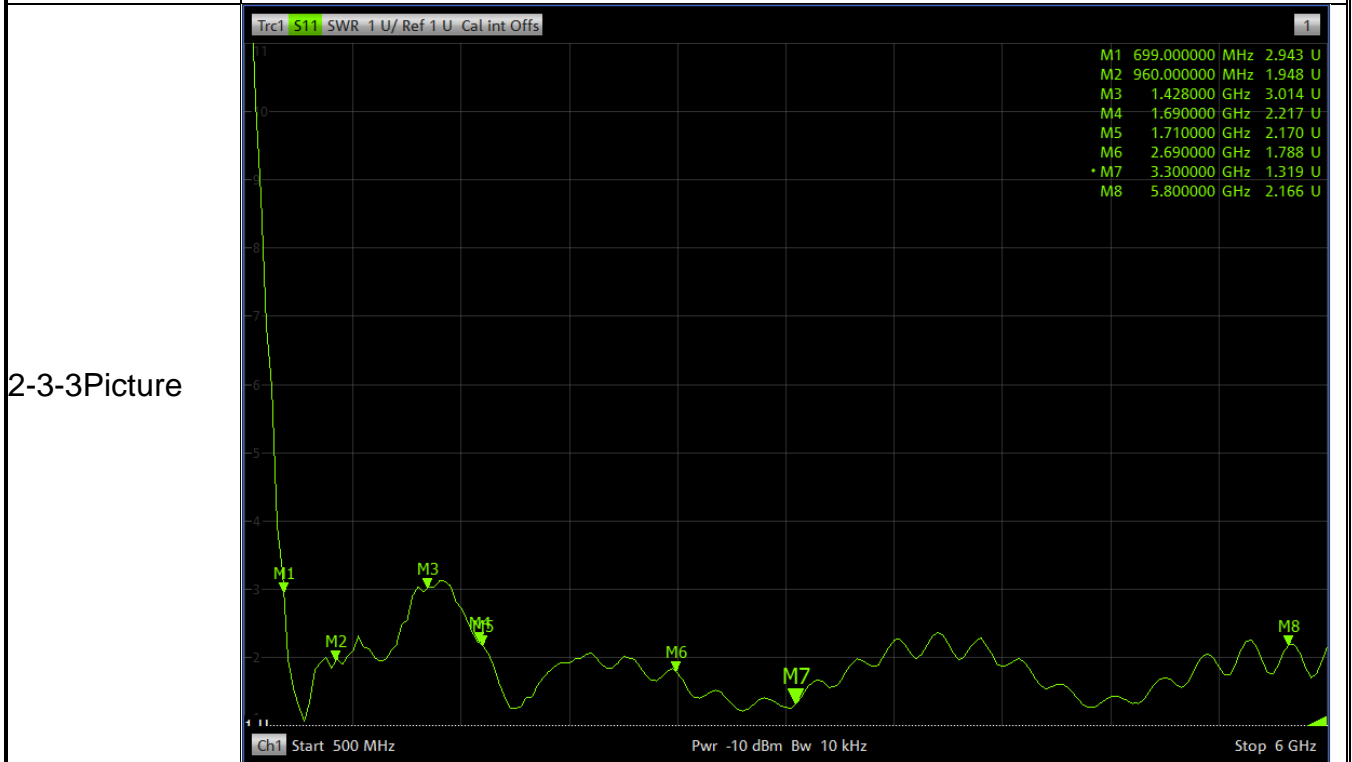


2-3 VSWR:

Frequency Band	699	960	1428	1690	1710	2690	3300	5800
2-3-1. Typical Value:	≤ 4.0	≤ 3.0	≤ 4.0	≤ 3.5	≤ 3.5	≤ 3.0	≤ 2.5	≤ 3.5

2-3-2 Measuring Method	<ol style="list-style-type: none"> 1. A 50Ω coaxial cable is connected to the fpcb antenna. Then this cable is connected to a network analyzer to measure the VSWR. 2. Keeping this jig away from metal at least 20 cm.
------------------------	---



UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=±0.15 X.XX=±0.15

ANGLES=± HOLEDIA=±

SCALE : UNIT : mm

DRAWN BY : 王婷 CHECKED BY : 张涛

DESIGNED BY : 吴振江 APPROVED BY : 徐克文

TITLE : WA-F-LTE15-02-003 Specification



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ENS000126870

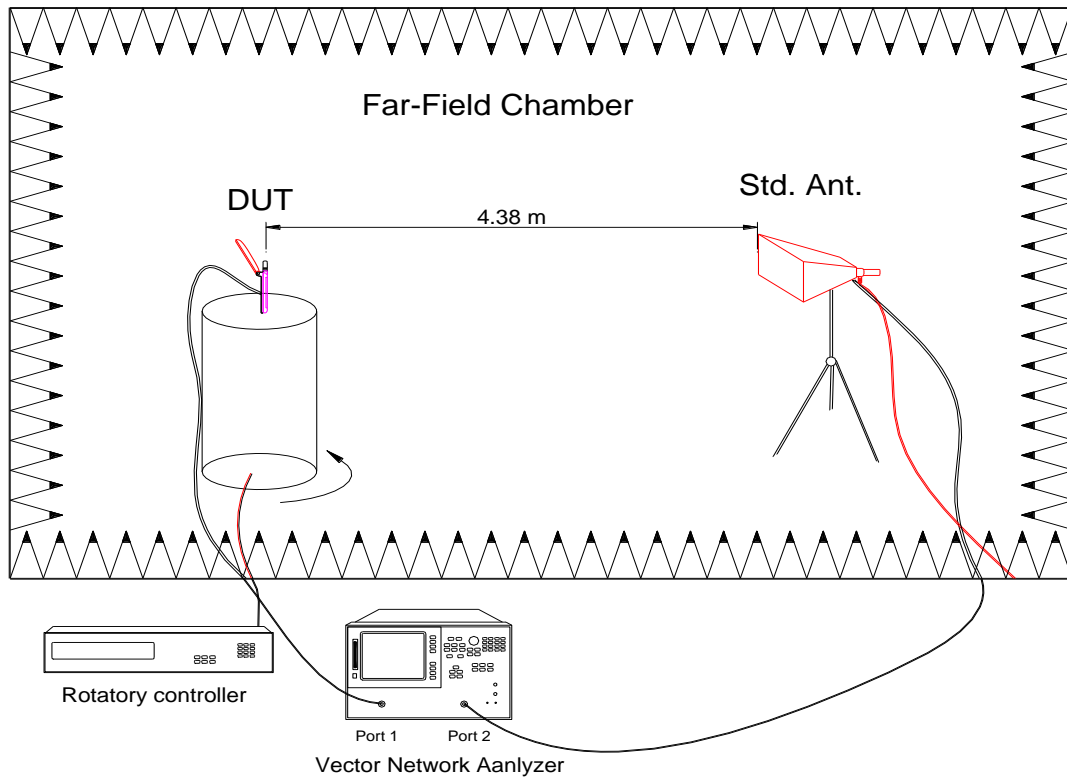
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2-4. Gain and Efficiency

2-4.1 Measure method

1. Using a low loss coaxial cable to link a standard handset jig
2. Fixed this handset jig on chamber's rotator plane
3. Linking jig into network analyzer port and using a probing horn antenna to collect data.
4. Using another standard gain horn antenna to calibrated those data

2-4.2 Chamber definition



1. An anechoic chamber (8mx4mx3.5m) which satisfied far-field condition was applied to avoid multi-path effect
2. The quiet room region is 40cmx40cmx40cm at the center of rotator
3. The distance between DUT and standard antenna is 4.38 m
4. Probing antenna (9120D horn antenna) and standard gain horn antenna (BBHA9120 LPF 700MHz ~6GHz)

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=±0.15 X.XX=±0.15

ANGLES=± HOLEDIA=±

SCALE : UNIT : mm

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