



REGULATORY TESTING FROM START TO CERTIFICATE

Intro

Antenna gain documentation required for all FCC Part 15 devices. Must provide either an antenna datasheet/ specification or a test report with gain measurements and plots. This Information cannot be held confidential. Additionally, proprietary information of the design itself can remain confidential in either the ' operational description' or 'schematic'.

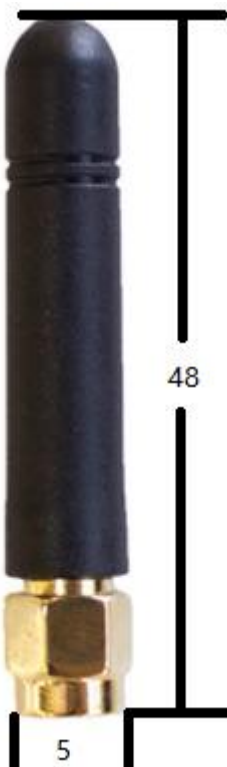


REGULATORY TESTING FROM START TO CERTIFICATE

Example of antenna specification:

1. Company: Mernok
2. Antenna description

Antenna type	Omni-Directional
Antenna manufacturer	RF Solutions
Frequency range	960MHz
Modulation	GSM
Antenna gain max (peak)	2dBi
Connector type	SMA Male connector



3. Insertion Loss



REGULATORY TESTING FROM START TO CERTIFICATE



4. VSWR



Gain:



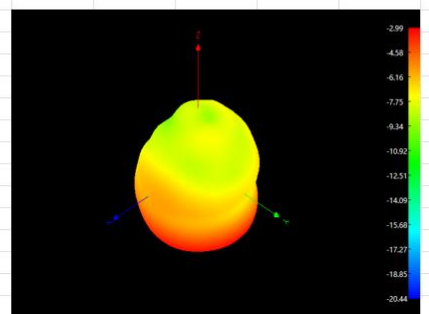
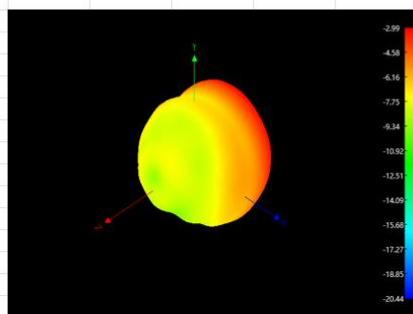
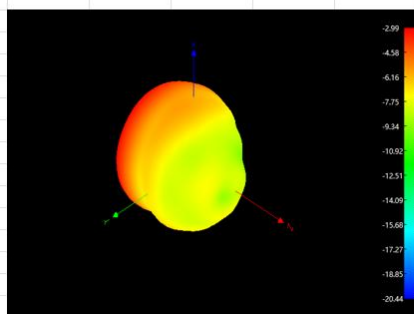
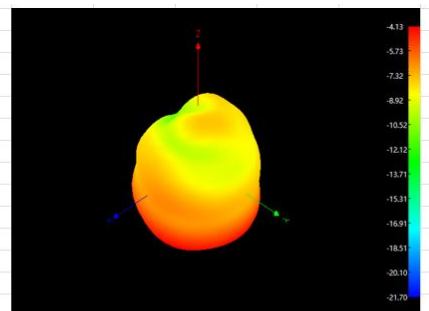
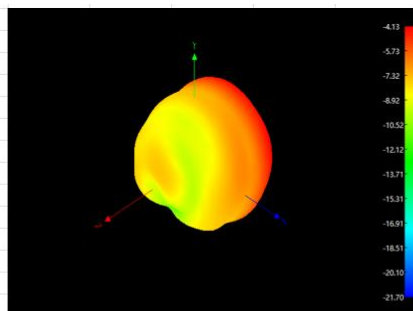
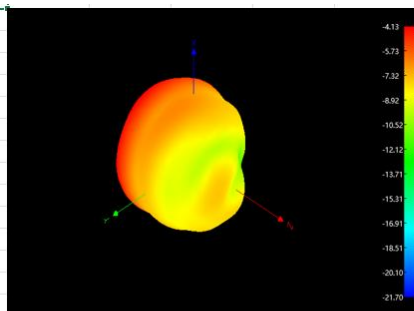
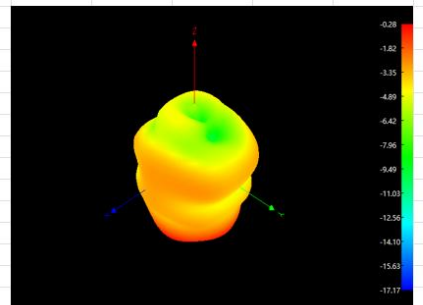
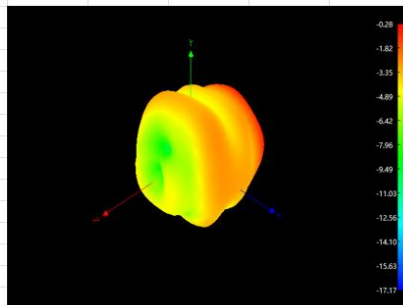
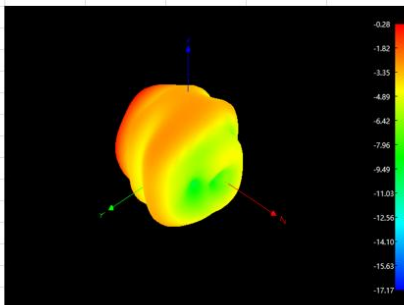
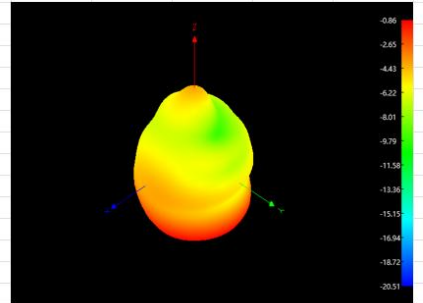
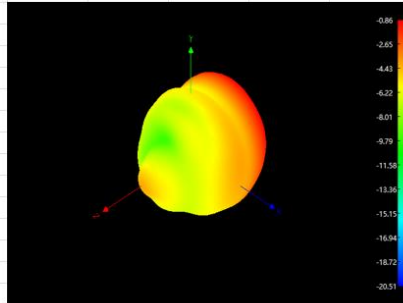
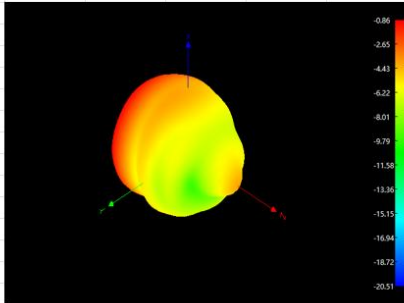
COMPLIANCE REGULATORY TESTING FROM START
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Frequency	Efficiency	Efficiency / %
824	0.63	11.56
849	1.21	13.21
874	2	15.49
899	1.85	16.22
900	1.9	13.21
915	2	15.49
924	1.19	16.22
949	1.44	16.22



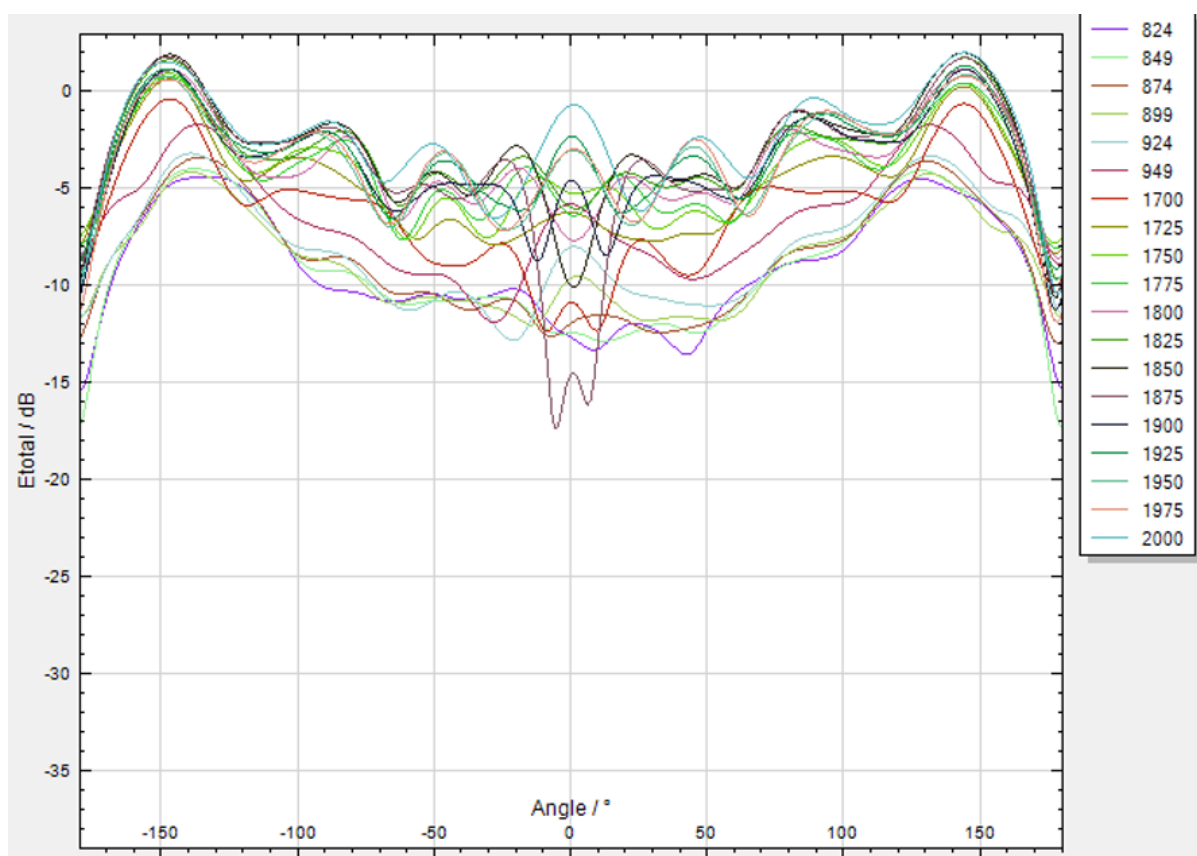
REGULATORY TESTING FROM START TO CERTIFICATE

AvgGain / dBi



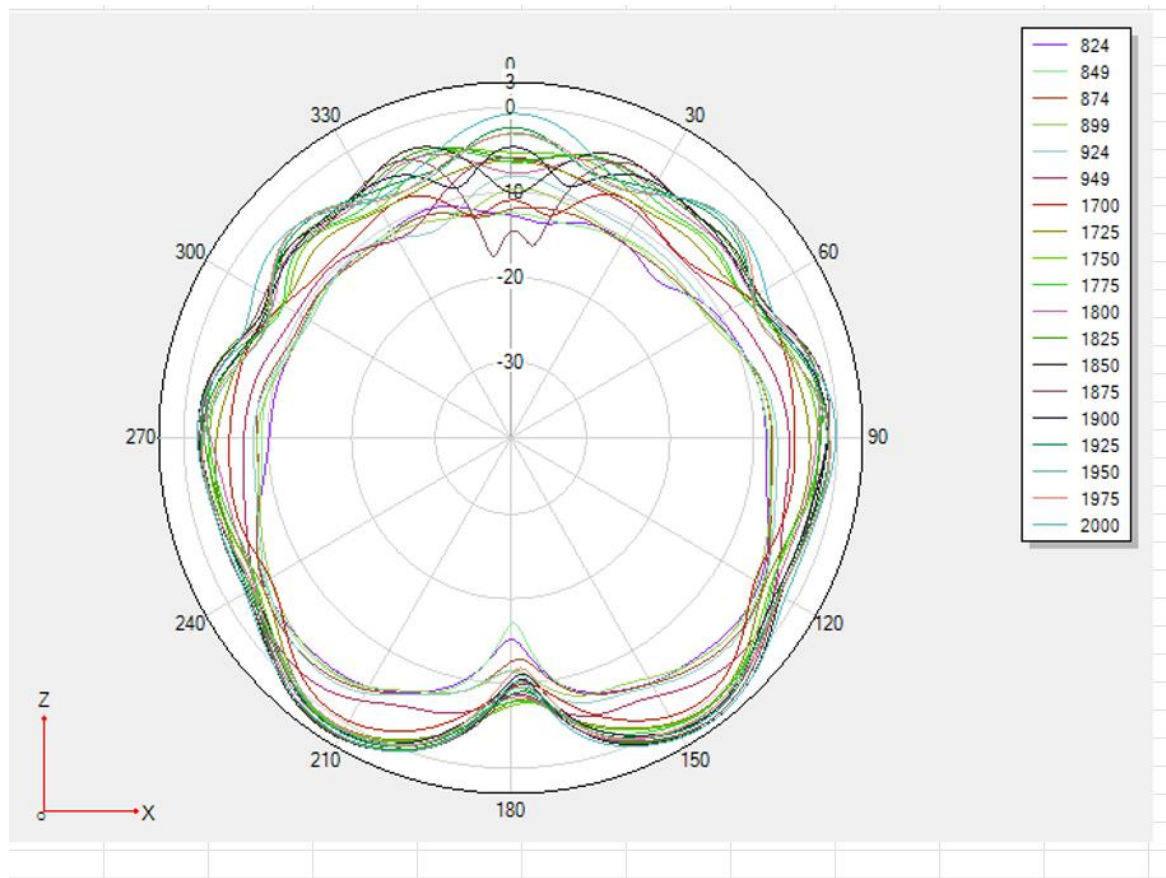


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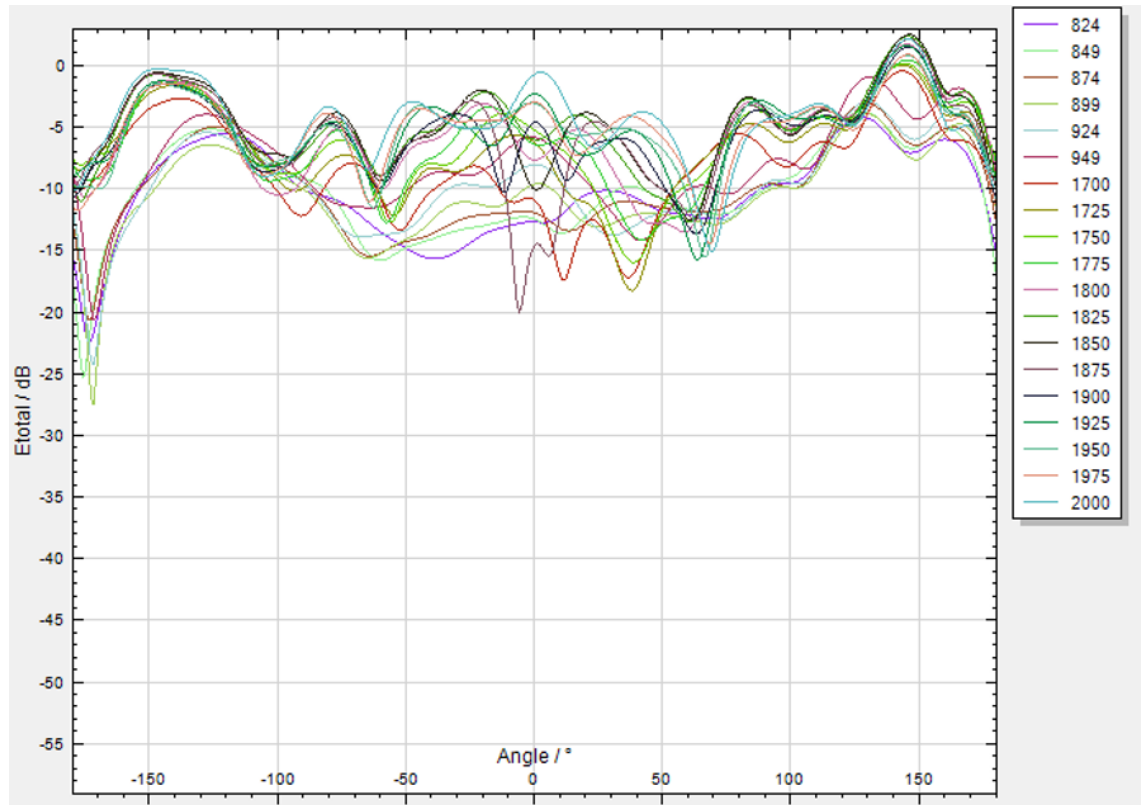


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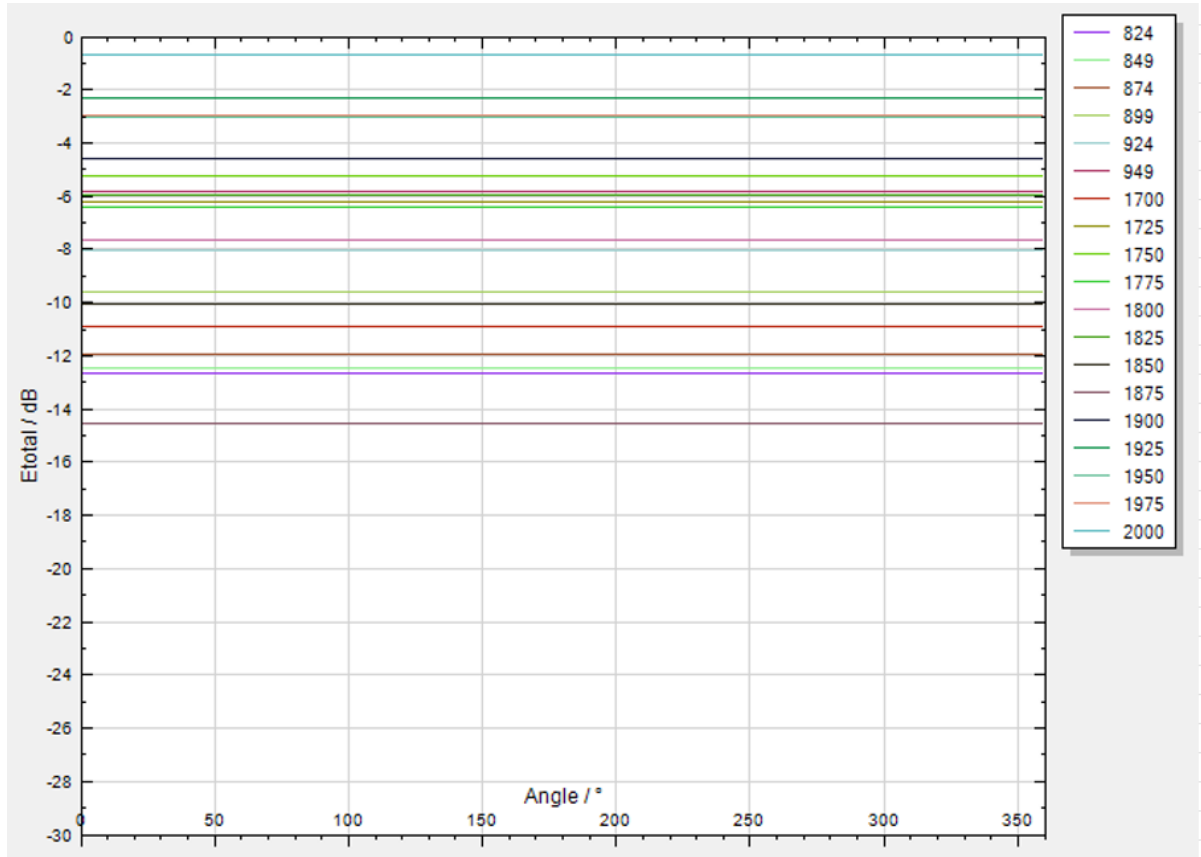


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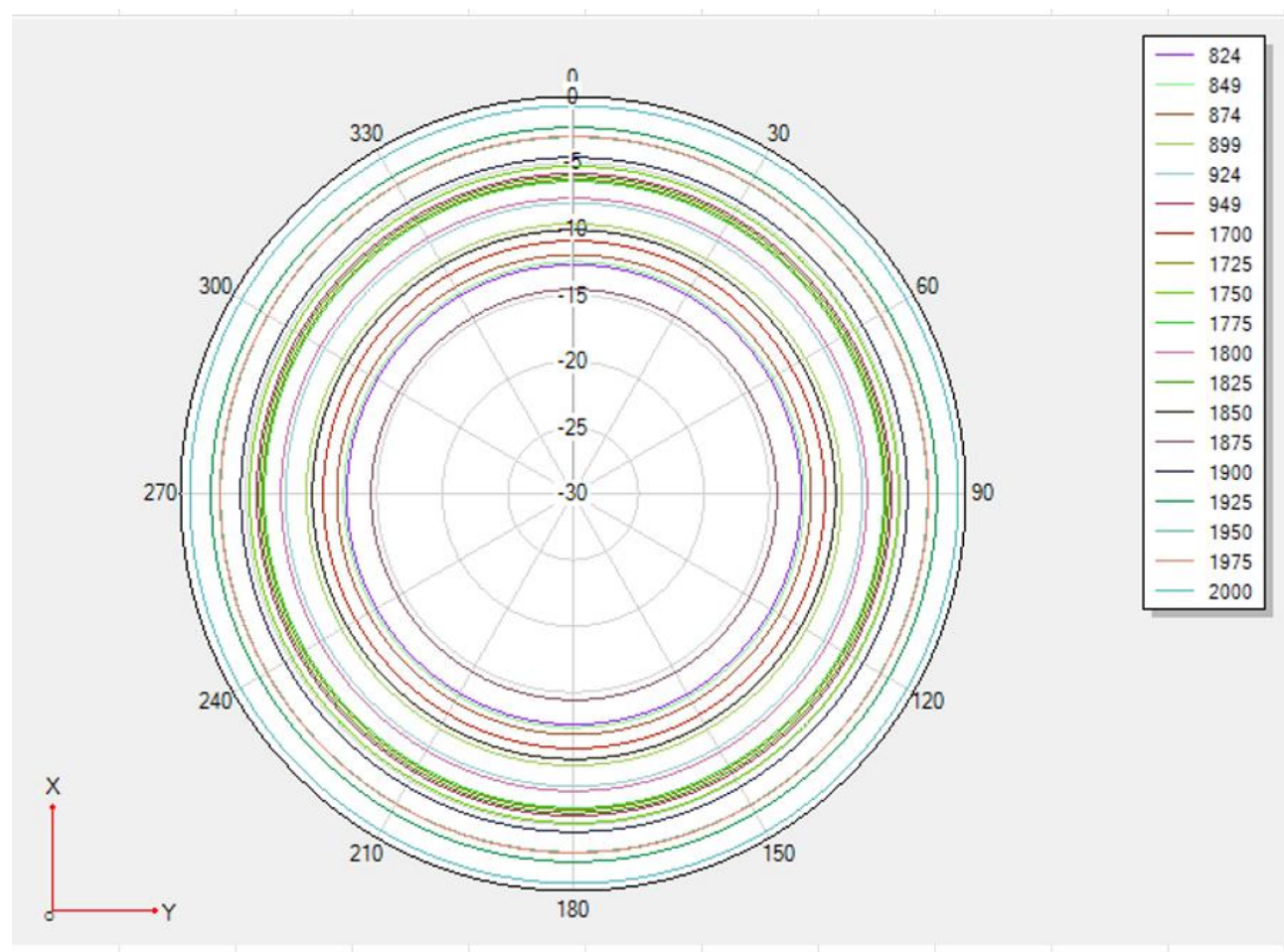


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