

APPROVAL SPECIFICATION

Product : Internal Antenna

Model Name : SP3115

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Table of Contents

	Page
1. Manufacturer -----	3
2. Model Name -----	3
3. Antenna Type -----	3
4. Electrical Performance Data -----	3
5. External Drawing -----	4
6. 3D Directional Pattern-----	4

1. Manufacturer

- HT Technology
- HT Technology Part Number : SH1315.Main

2. Model Name

- SP3115

3. Antenna Type

- Monopole

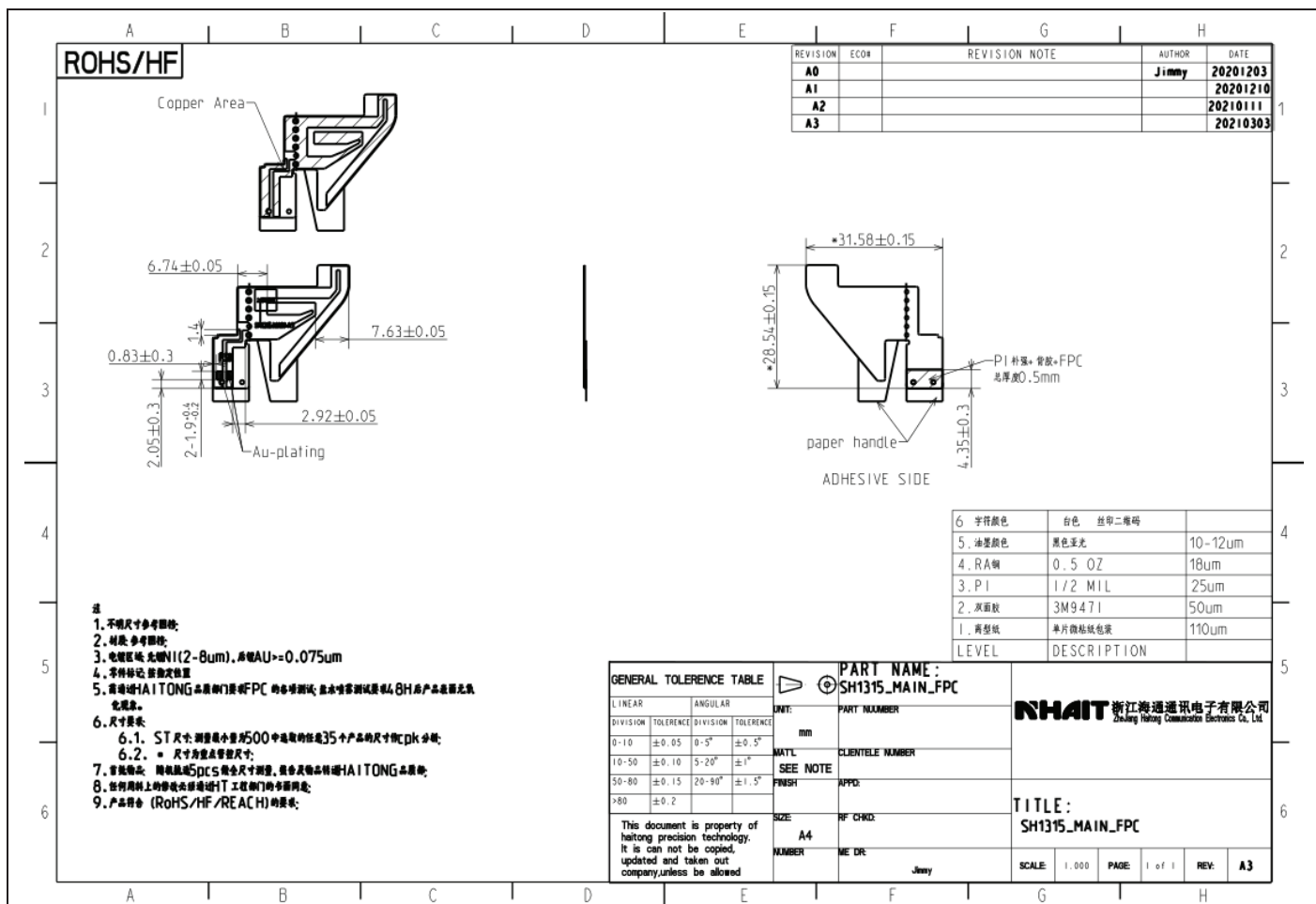
4. Electric Performance Data

4.1 Specification Sheet

4.1.1 Main Antenna

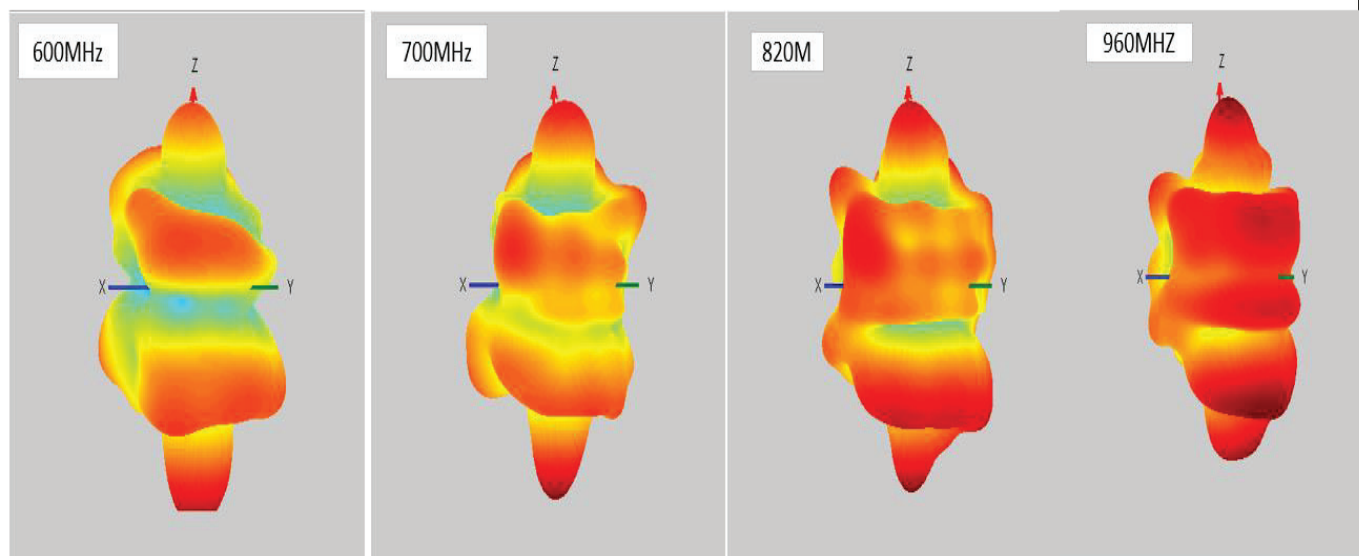
Electronic Specification								
Frequency Range (MHz)	LTE B4/66/ WCDMA B4			LTE B2/25/ WCDMA B2/ GSM 1900			LTE B7	
Average Gain (dBi)	-3.6	-3.7	-3.9	-2.4	-2.7	-2.5	-6.5	-4.3
Peak Gain (dBi)	1.15	1.1	1.1	1.56	2.0	1.7	-2	0.42
Frequency Range (MHz)	LTE B12/17		LTE B5/ WCDMA B5/ GSM 850		LTE B40/41		LTE B26	
Average Gain (dBi)	-4.1	-4.4	-5.2	-5.1	-4.6	-5.0	-5.0	-4.9
Peak Gain (dBi)	-0.11	2.0	0.07	-0.47	2.0	1.02	0.82	2.0

5. External Drawing

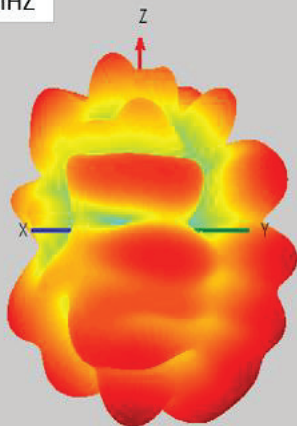


6.3D Directional Pattern

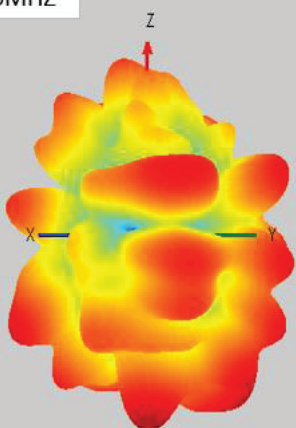
Main antenna



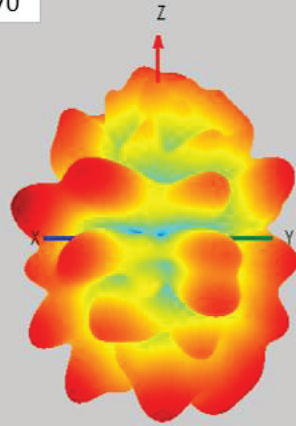
1710MHZ



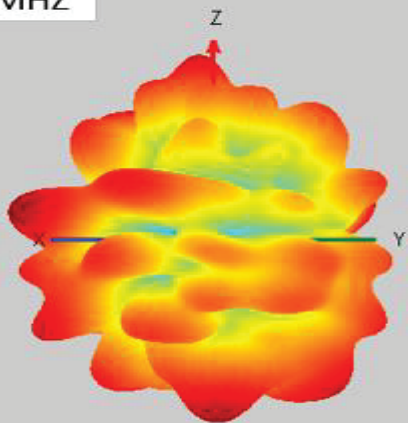
1880MHZ



2170



2300MHZ



2690MHZ

