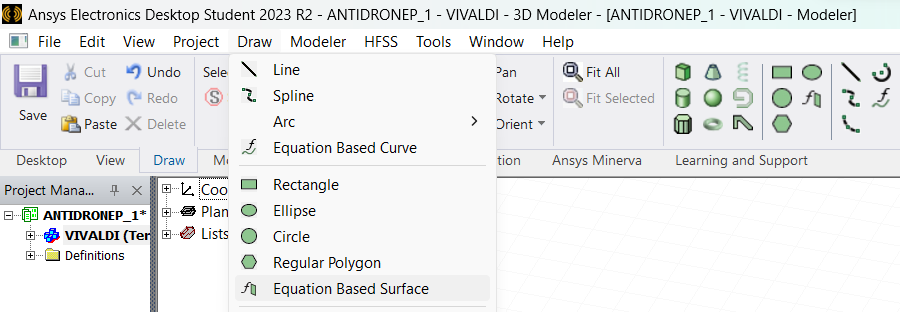
**VIVALDI ANTENNA DESIGN HFSS**

**PROCEDURE:-**

* OPEN ANSYS ELECTRONICS
* THEN OPEN HFSS
* GO TO DRAW🡪THEN SELECT EQUATION BASED SURFACE



* THEN ENTER VALUES IN

A screenshot of a computer

Description automatically generated

* AFTER ENTERING THE VALUE PRESS OK

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* THEN ENTER THE VARIABLE VALUES OF S,RATE ,TL

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A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

* AFTER SETTING THE PARAMETERS WE GET,

A screenshot of a computer

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* **NOTE:-**

|  |  |
| --- | --- |
| s | HALF THE SLOT WIDTH |
| TL | TAPERING LENGTH OF THE CURVE |

A screenshot of a computer game

Description automatically generated

Figure :HALF SLOT WIDTH(marked in red color)

A graph paper with a pink triangle and arrows

Description automatically generated

Figure :THE MARKED ARROW IS THE TAPERED LENGTH