

Product Number: HP-VTS01-43100GN

Product Name: Antenna

1.Specification

Sample Photo



A. Electrical Characteristics

Frequency	2400~ 2500MHz 5150~ 5850MHz
S.W.R.	<= 2.0 @ 2400~ 2500 MHz <= 2.0 @ 5150~ 5850 MHz
Efficiency(%)	49%~61% @ 2400~ 2500 MHz 47%~54% @ 5150~ 5850 MHz
Polarization	Linear
Impedance	50 Ohm

C. Environmental

Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C

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2.Antenna - S Parameter Test Data

SWR



Log Mag

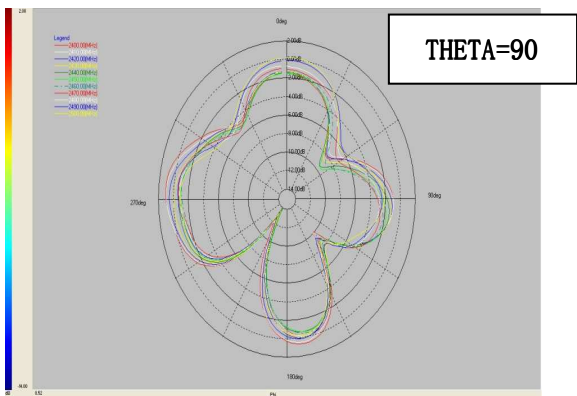
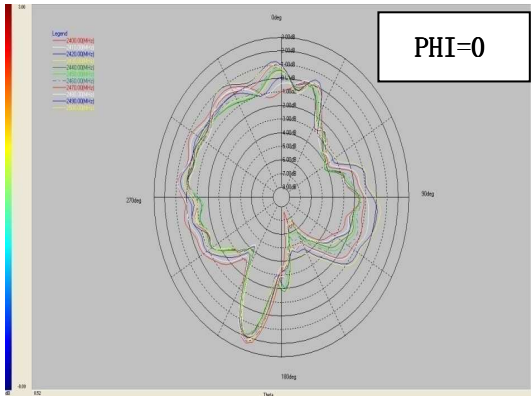


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3. Antenna - Radiation Pattern Test Data

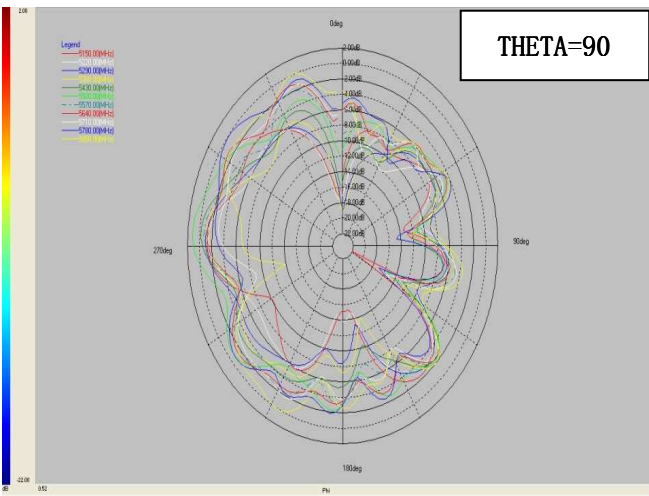
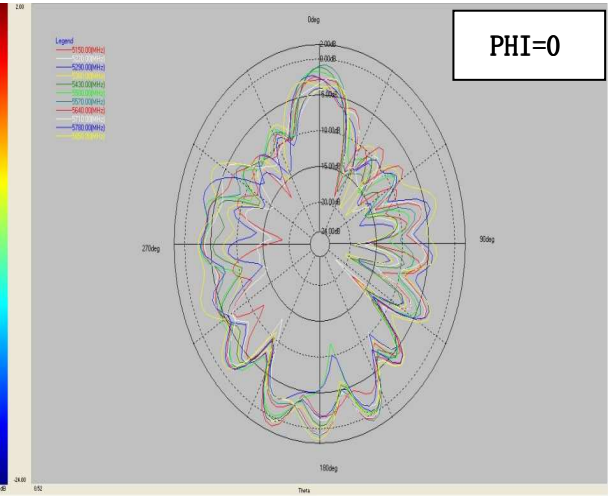
WIFI Antenna – 2.4G



Frequency VNA	E Total. dB(dB)	Efficiency()
2400MHz	3.9	61.2%
2410MHz	3.2	54.4%
2420MHz	2.9	51.7%
2430MHz	2.7	55.1%
2440MHz	2.7	51.6%
2450MHz	2.8	55.1%
2460MHz	2.7	49.7%
2470MHz	2.7	52.1%
2480MHz	2.8	52.7%
2490MHz	3.0	55.4%
2500MHz	3.5	59.2%

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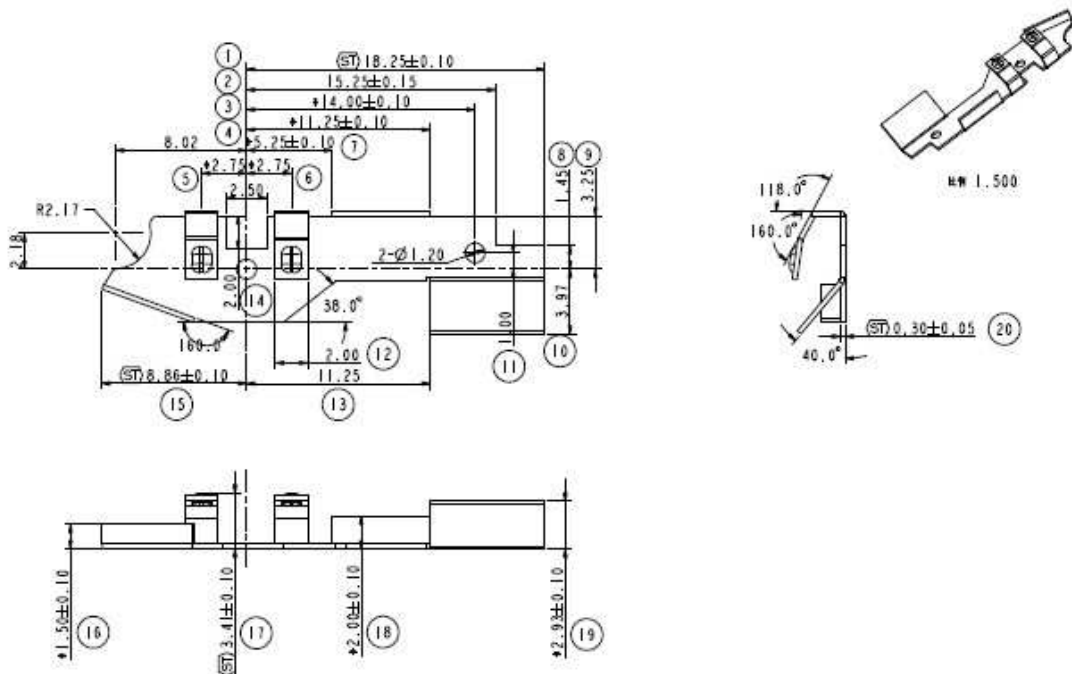
WIFI Antenna – 5G



Frequency VNA	E Total. dB(dB)	Efficiency()
5150MHz	3.7	47.5%
5220MHz	3.7	49.0%
5290MHz	3.3	49.4%
5360MHz	3.6	49.9%
5430MHz	3.0	49.6%
5500MHz	2.8	49.7%
5570MHz	2.5	51.9%
5640MHz	2.7	54.8%
5710MHz	3.0	51.0%
5780MHz	2.3	51.5%
5850MHz	2.7	50.7%

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4. Mechanical Drawing



							TITLE:		MODEL NO:		
							WIFI Antenna		VTS01		
							PART NO:		HP-VTS01-43100GN		
							MATERIAL:		DWG NO:		
							0.3mmSUS304		HP-VTS01-43100		
							FINISH:		A4		
							nickelplating		SHEET: 1 OF 1		
							REV:		00		
NO.		REV		DESCRIPTIONS		SUM		DRN		DATE	