ARISTOTLE ENTERPRISES INC.

Specifications

Antenna type：Dipole

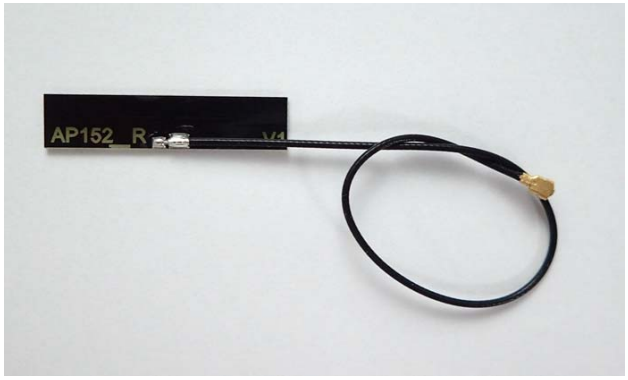
RFA-27-AP152R-C1035

Specifications

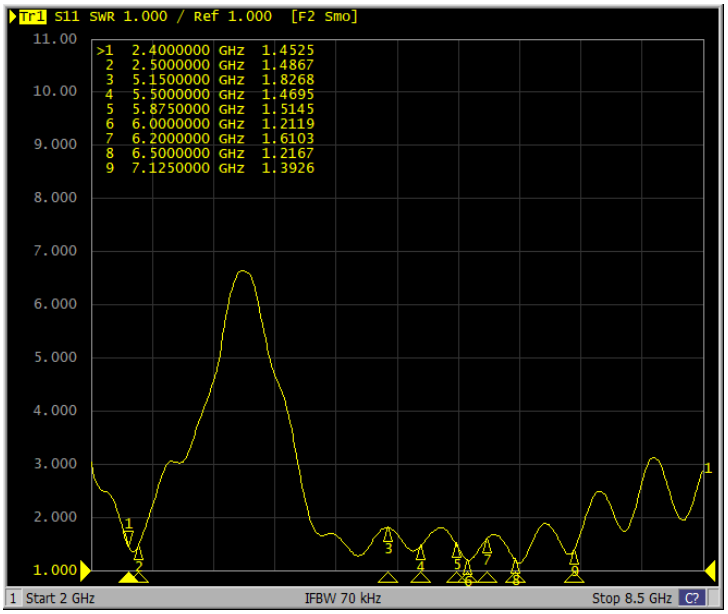
Antenna					
Frequency range	2400-2500 MHz	5150-5250 MHz	5300-5350 MHz	5470-5895 MHz	5925-7125 MHz
Peak gain	2.31 dBi	2.76 dBi	3.14 dBi	4.14 dBi	4.56 dBi
VSWR	2.0 : 1 Max.	2.5 : 1 Max.	2.5 : 1 Max.	2.5 : 1 Max.	2.5 : 1 Max.
Polarization	Linear, vertical				
Impedance	50 Ω				
Connector	IPEX MHF1				
Cable	Ø1.13				
Length	150mm				

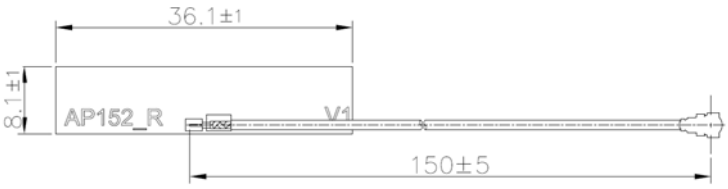
Environmental & Mechanical Characteristics

Temperature	-10℃ to +55℃
Humidity	95% @ 25℃



VSWR





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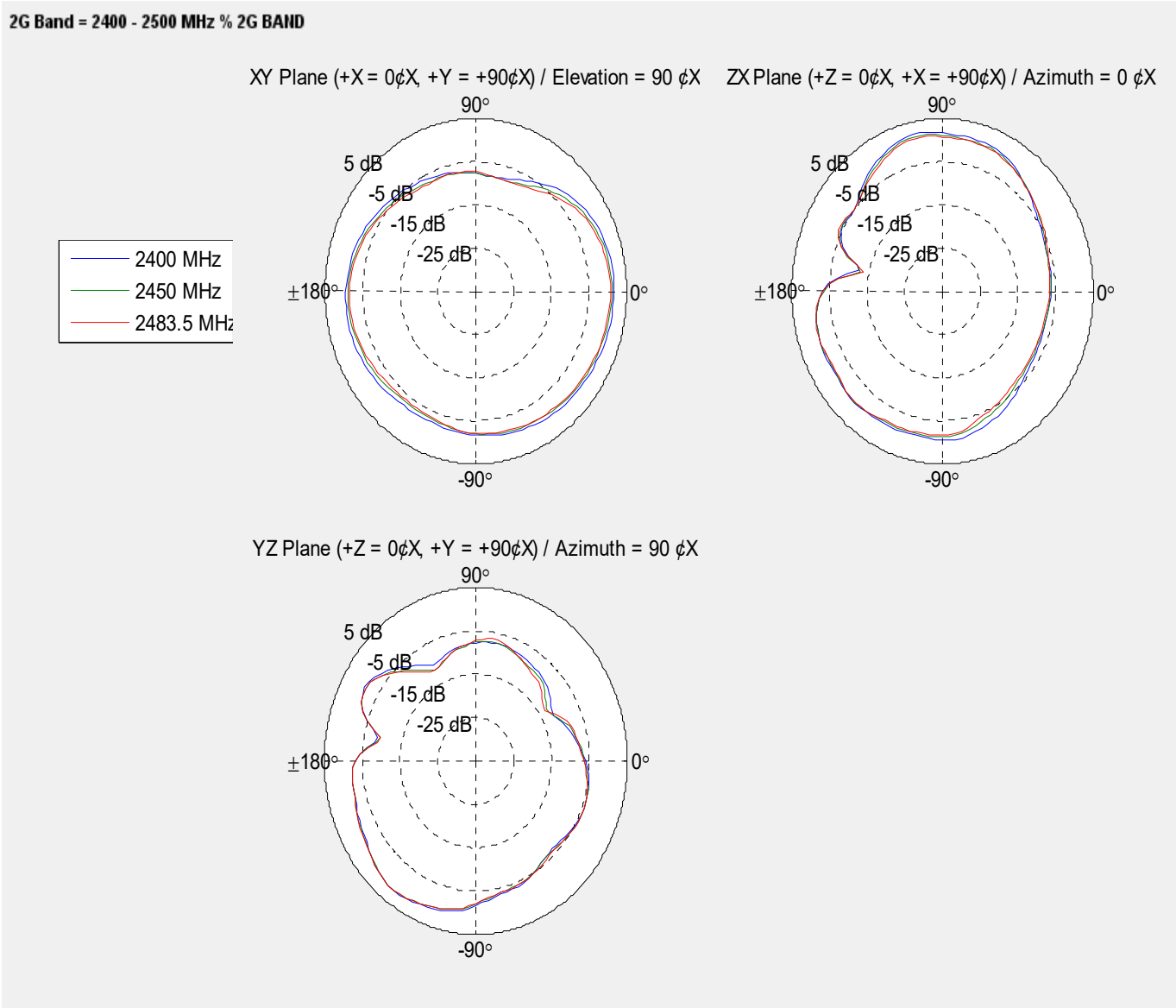
Radiation Pattern



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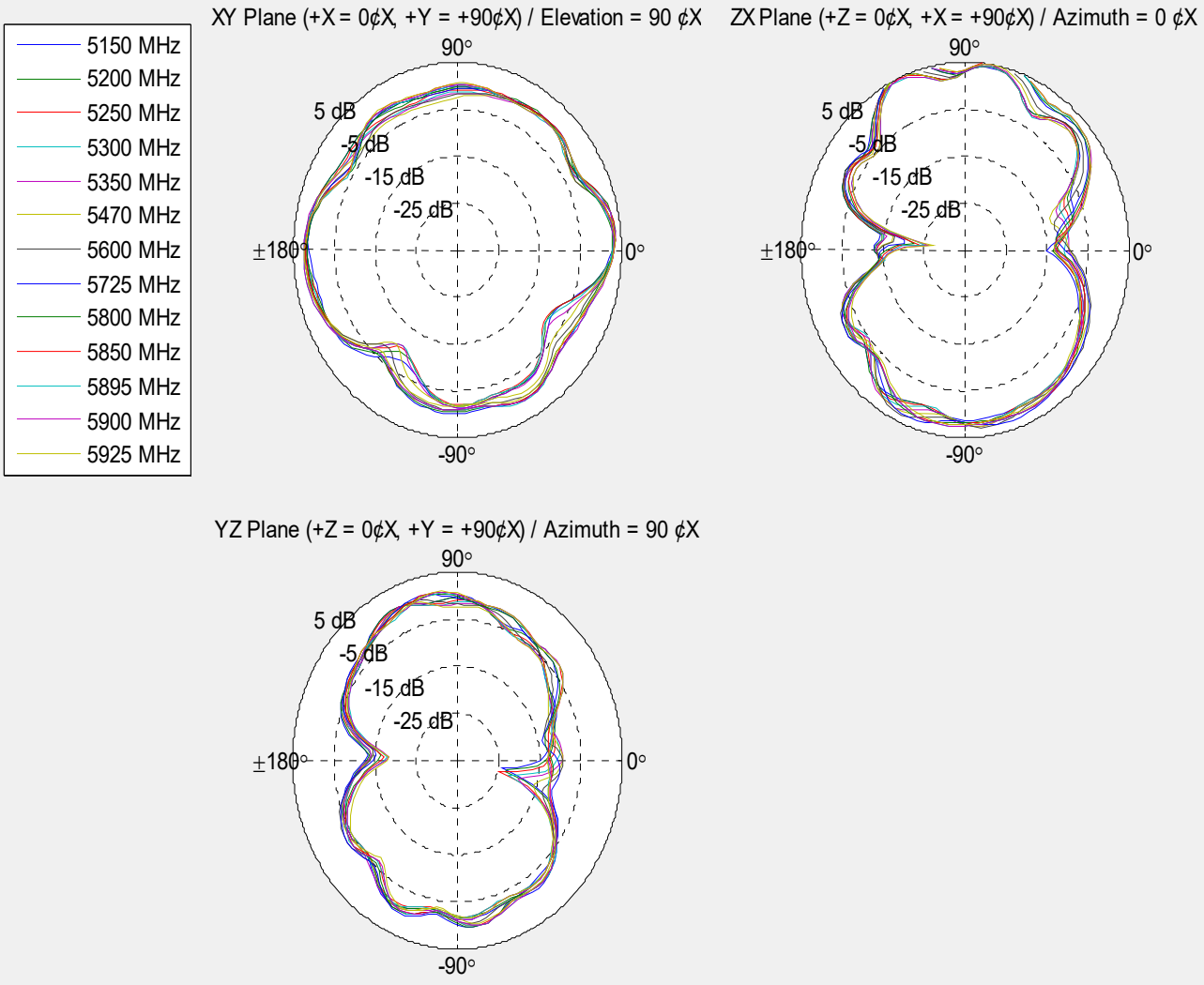
Specifications

Radiation Pattern

5G Band = 4900 - 5975 MHz



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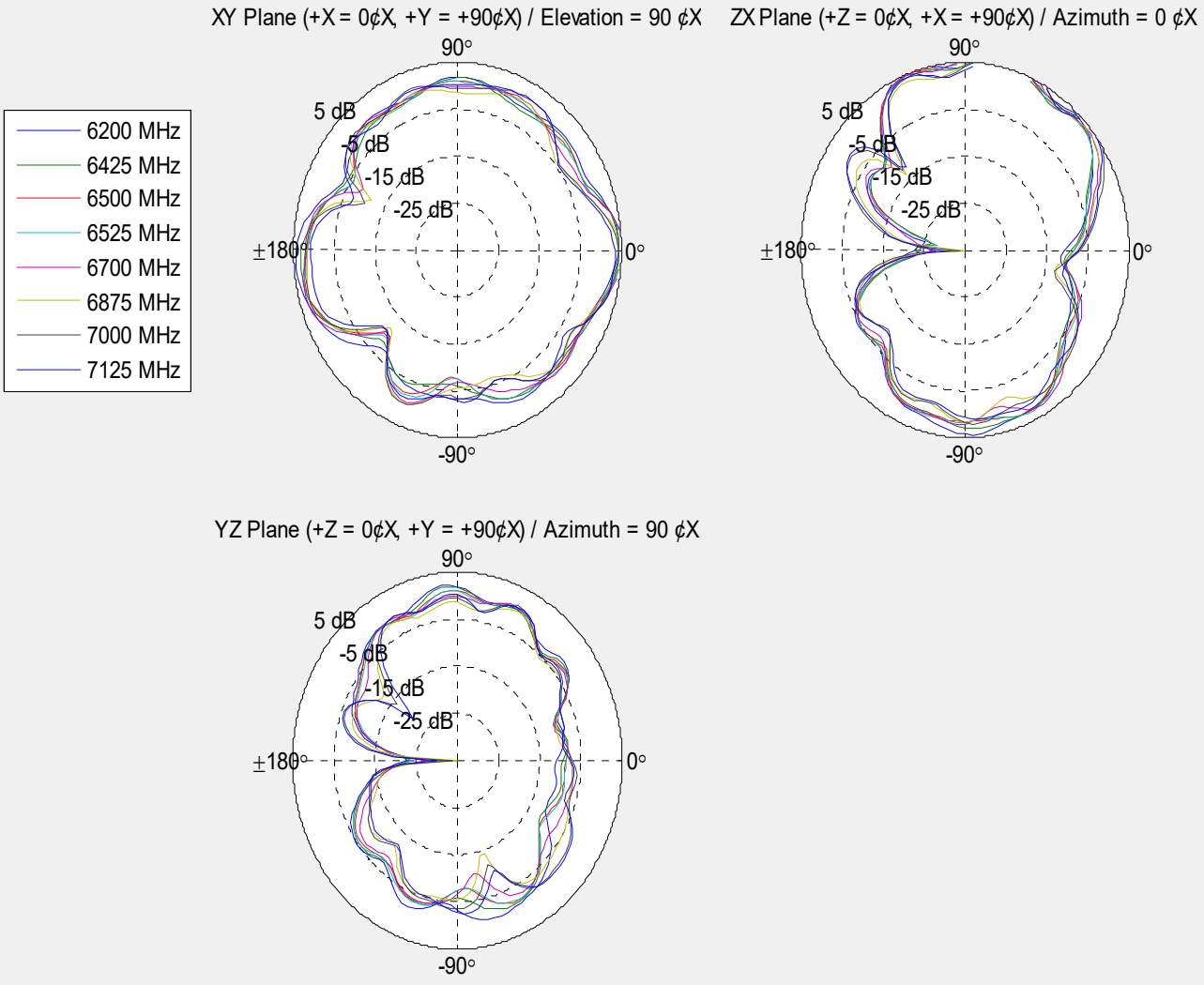
Radiation Pattern

6G Band = 6000 - 8500 MHz



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Gain Table

Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
2400.00	60.91	-2.15	2.31
2450.00	54.52	-2.63	2.20
2483.50	52.01	-2.84	2.28
5150.00	63.86	-1.95	2.71
5200.00	63.47	-1.97	2.76
5250.00	59.84	-2.23	2.70
5300.00	58.36	-2.34	3.14
5350.00	61.15	-2.14	3.08
5470.00	62.18	-2.06	3.01
5600.00	69.31	-1.59	4.14
5725.00	77.85	-1.09	4.05
5800.00	71.60	-1.45	3.74
5850.00	75.08	-1.24	4.13
5895.00	72.02	-1.43	3.85
5925.00	70.19	-1.54	4.14
6200.00	75.70	-1.21	4.55
6425.00	65.97	-1.81	4.37
6500.00	65.60	-1.83	4.12
6525.00	65.87	-1.81	4.14
6700.00	64.87	-1.88	4.28
6875.00	51.93	-2.85	4.26
7000.00	61.82	-2.09	4.56
7125.00	58.21	-2.35	4.42

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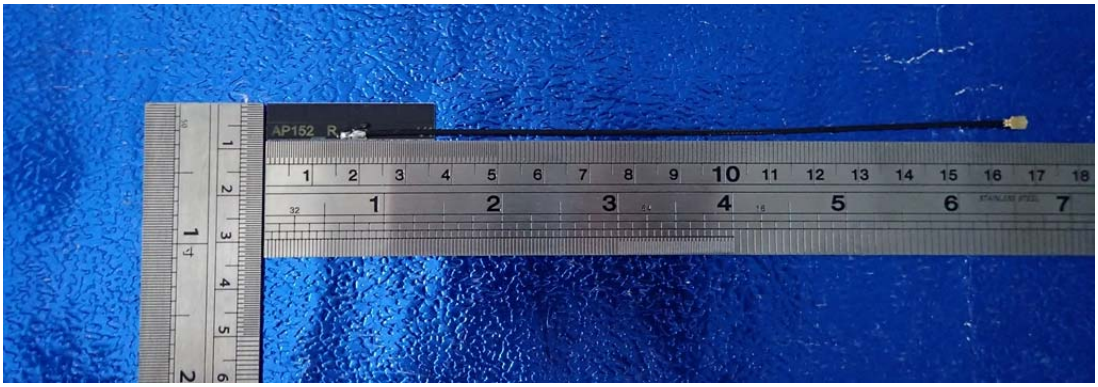
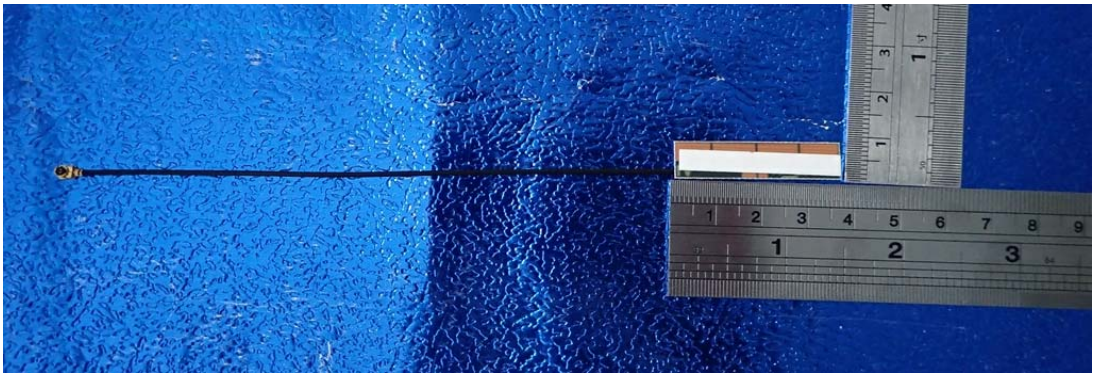
Specifications





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