

JHS-5159-16D90A

Electrical	
Model	JHS-5159-16D90A
Frequency Range	5150-5850 MHz
Gain	(V Port)16 dBi (H Port)15 dBi
VSWR	≤1.8
3dB Beam-Width H-Plane	90°
3dB Beam-Width E-Plane	9°
Polarization	Vertical & Horizontal
Upper Side Lobes	
Front to Back Ratio	>30 dB
Port to Port Isolation	>30 dB
Maximum Input Power	100 Watt
Impedance	50 Ω
Lightning Protection	DC Grounded
Mechanical	
Connector	2 × N Female
Antenna Dimension	450×140×35 mm
Weight	1.26 KG
Radome Material	UV Protected ABS
Mounting Mast Diameter	Ø40~Ø60 mm
Operating Temperature	-40° C to +65° C
Rated Wind Velocity	216 Km/h



FM3200 Base Sector Antenna Pattern Report

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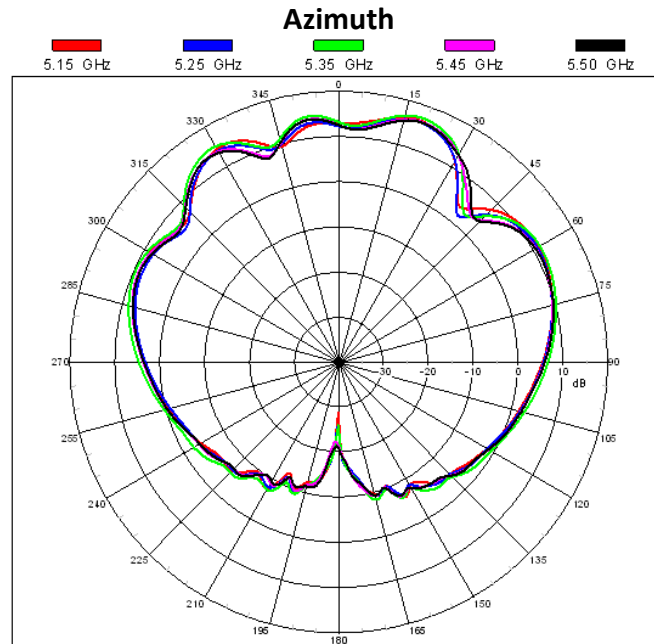
EMAIL.
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Gain & Patterns Test Result

Horizontal Polarization, 0°

Frequency (GHz)	5.15	5.25	5.35	5.45	5.5
Peak Gain (dBi)	15.91	15.59	16.57	15.71	15.63

Note: 1. Measurement tolerance of gain and HPBW: +/-0.5dB & +/-3deg.

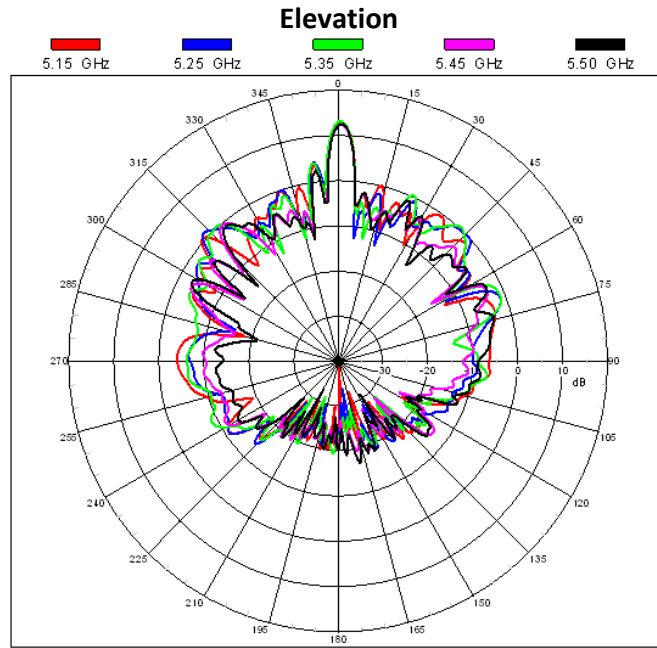




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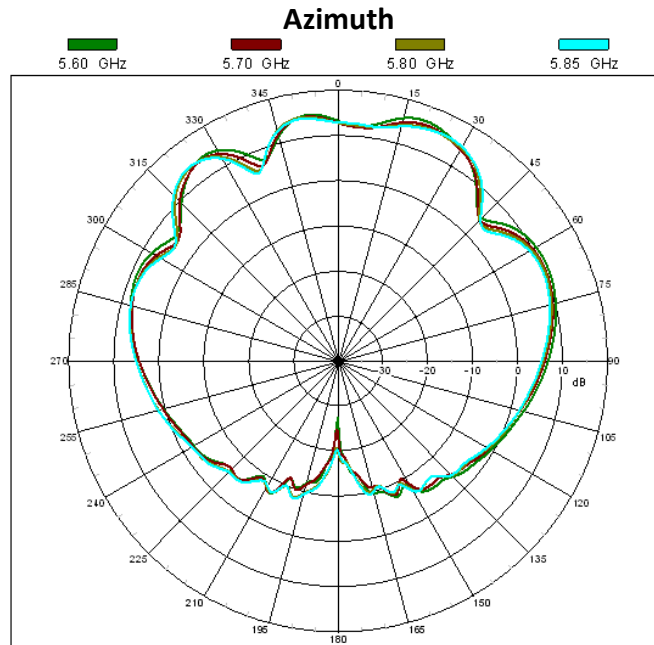
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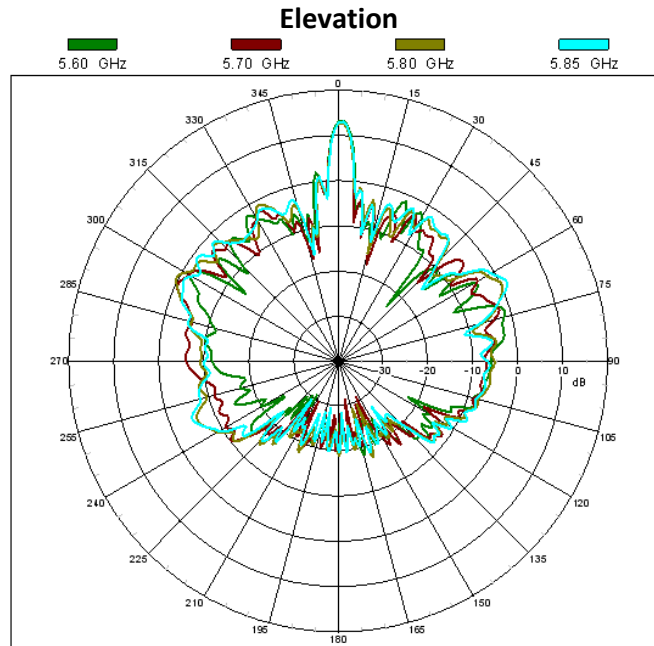
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Frequency (GHz)	5.6	5.7	5.8	5.85
Peak Gain (dBi)	16.12	15.23	14.74	14.79

Note: 1. Measurement tolerance of gain and HPBW: +/-0.5dB & +/-3deg.





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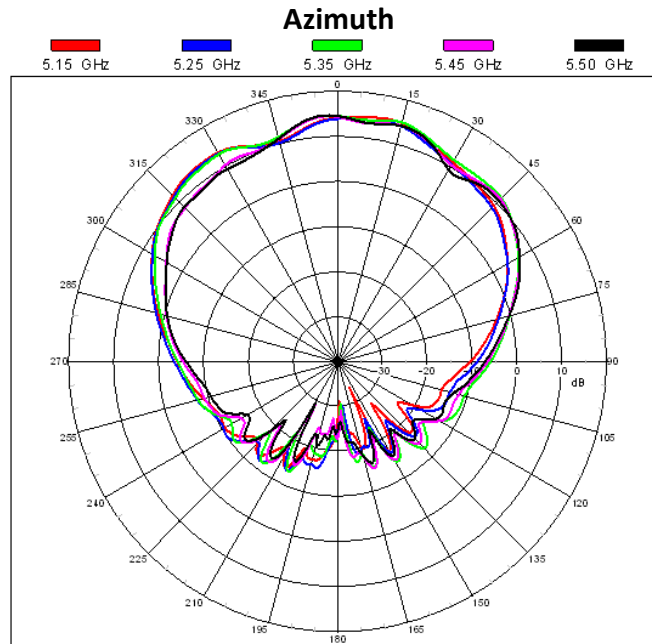
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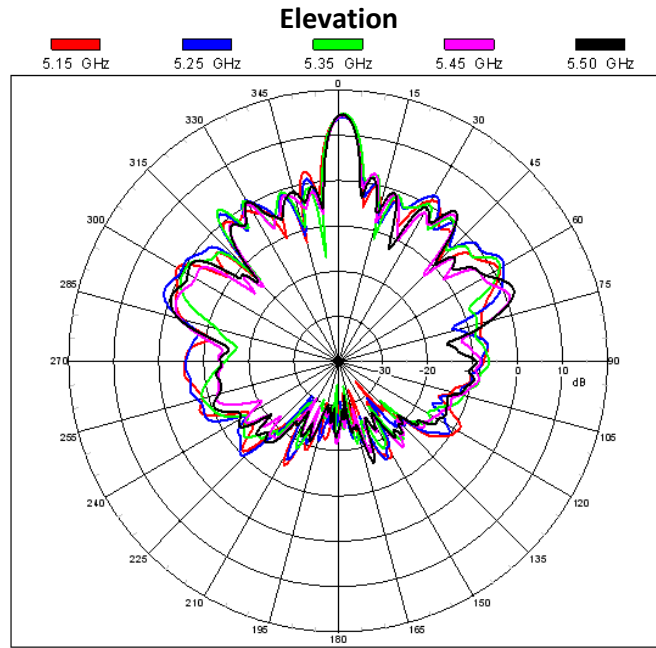
Gain & Patterns Test Result

Vertical Polarization, 90°

Frequency (GHz)	5.15	5.25	5.35	5.45	5.5
Peak Gain (dBi)	14.41	13.75	14.45	14.18	14.37

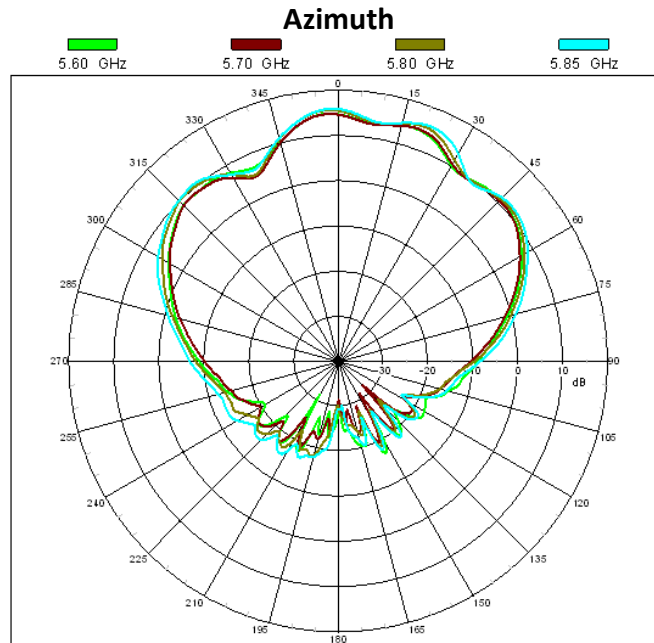
Note: 1. Measurement tolerance of gain and HPBW: +/-0.5dB & +/-3deg.

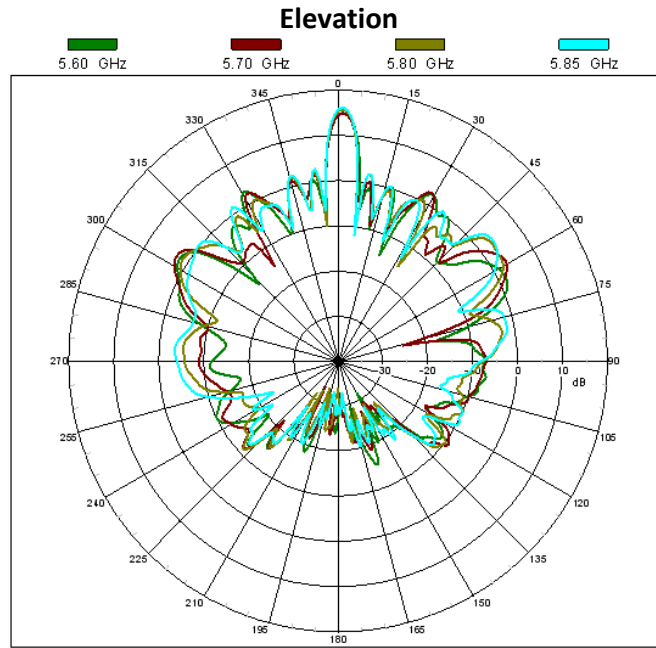




Frequency (GHz)	5.6	5.7	5.8	5.85
Peak Gain (dBi)	14.69	14.68	15.46	15.74

Note: 1. Measurement tolerance of gain and HPBW: +/-0.5dB & +/-3deg.





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