Quantic PMI
PLANAR MONOLITHICS

# SUMMARY TEST DATA
# ON
# PTP-3D2G-5D625G-9D5G-SFF

**CUSTOMER:**
**SO:**
**MODEL NO:** PTP-3D2G-5D625G-9D5G-SFF
**SERIAL NO:** PL58123/2609

**TESTED BY:** EA Valdez
**TEMPERATURE:** +25°C
**DATE:** 2/25/2026
**DRAWING NO:** 27649760 **REV:** A1

| TEST ITEM NO: | PARAMETERS | SPECIFIED VALUE | MEASURED VALUE | QA/QC |
|---|---|---|---|---|
| 1 | Frequency Range | Band 1: 2.8-3.6 GHz<br>Band 2: 5.25-6 GHz<br>Band 3: 8.5-10.5 GHz | 2.8-3.6 GHz<br>5.25-6 GHz<br>8.5-10.5 GHz | PMI QA2 |
| 2 | Insertion Loss | 0.8dB Max | 1.07 dB | |
| 3 | VSWR | 1.8:1 Max | 1.9:1 | |
| 4 | Rejection (Band 1) | 40 dB Min @ 5.25 - 6 GHz<br>50 dB Min @ 8.5 - 10.5 GHz | 69.6 dB<br>70.7 dB | |
| 5 | Rejection (Band 2) | 40 dB Min @ 2.8 - 3.6 GHz<br>40 dB Min @ 8.5 - 10.5 GHz | 70.4 dB<br>69.9 dB | |
| 6 | Rejection (Band 3) | 70 dB Min @ 2.8 - 3.6 GHz<br>40 dB Min @ 5.25 - 6 GHz | 71.6 dB<br>64.2 dB | |

QA/QC Approval: K. Klamm Date: 2.27.26

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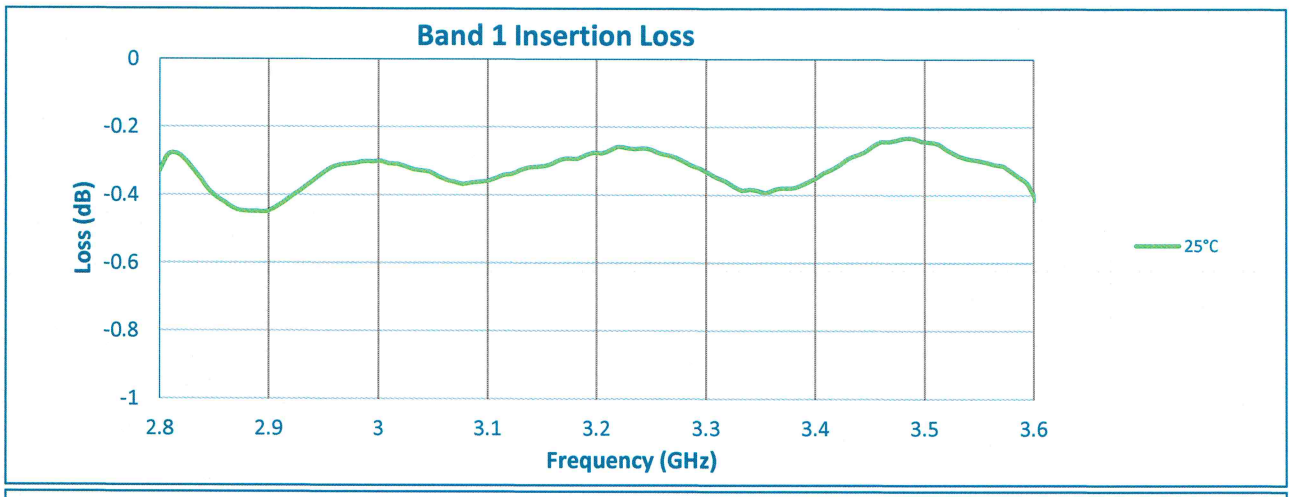


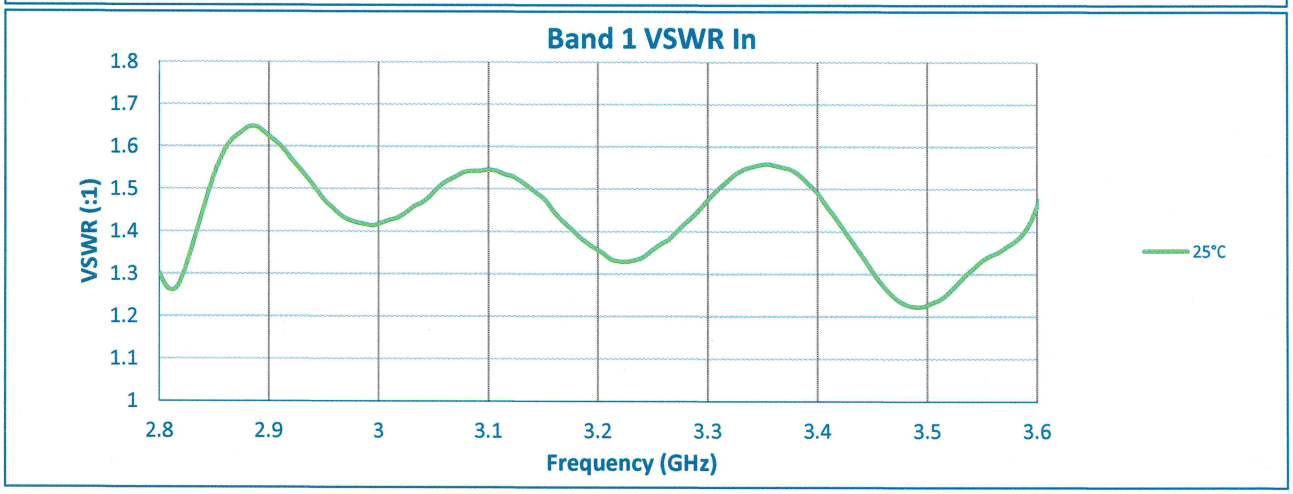


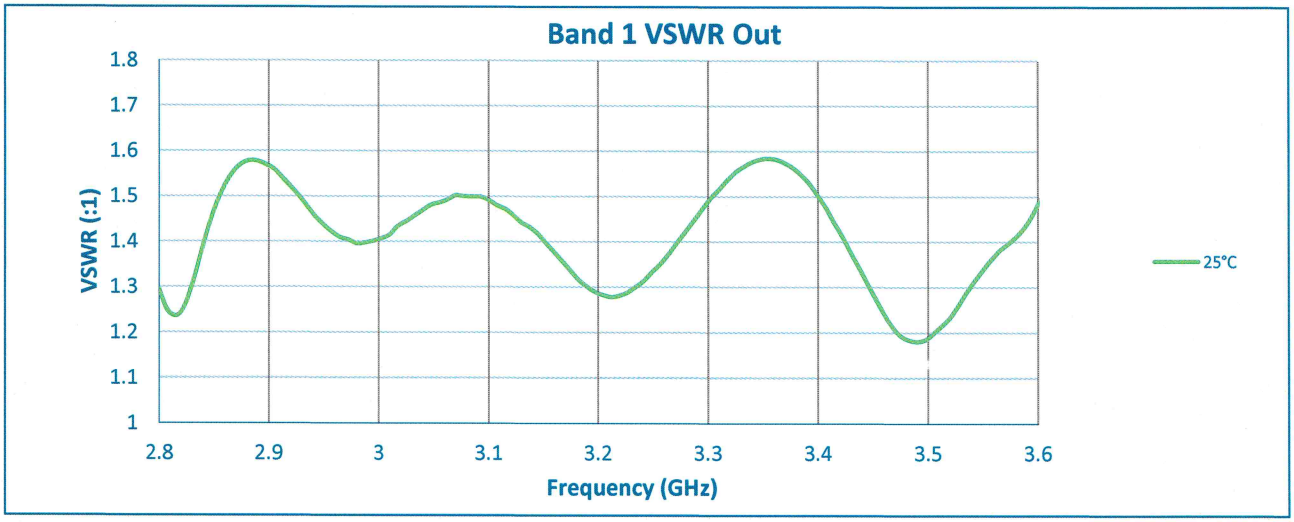


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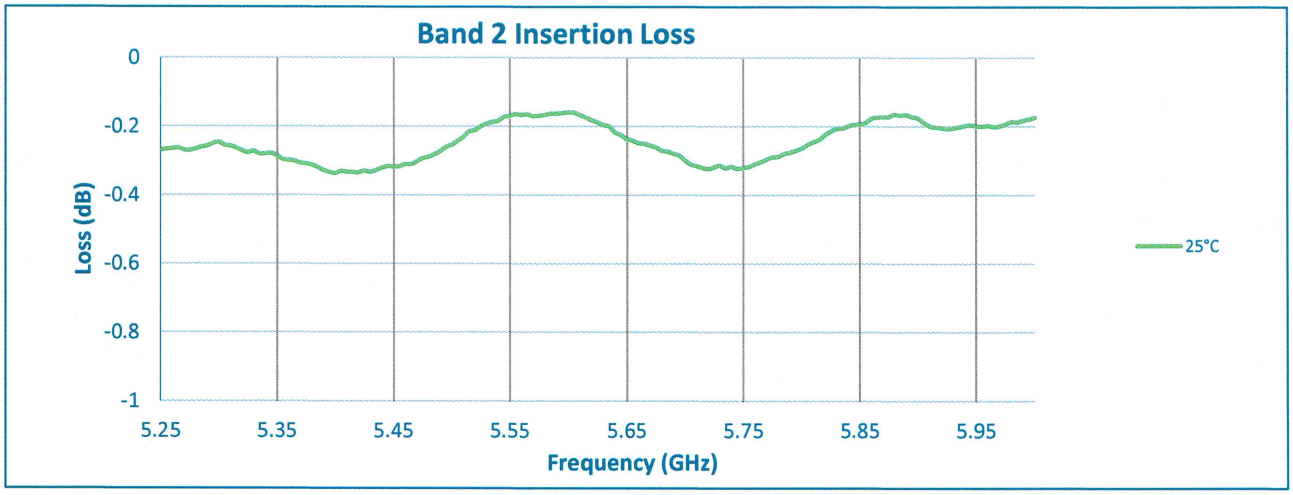


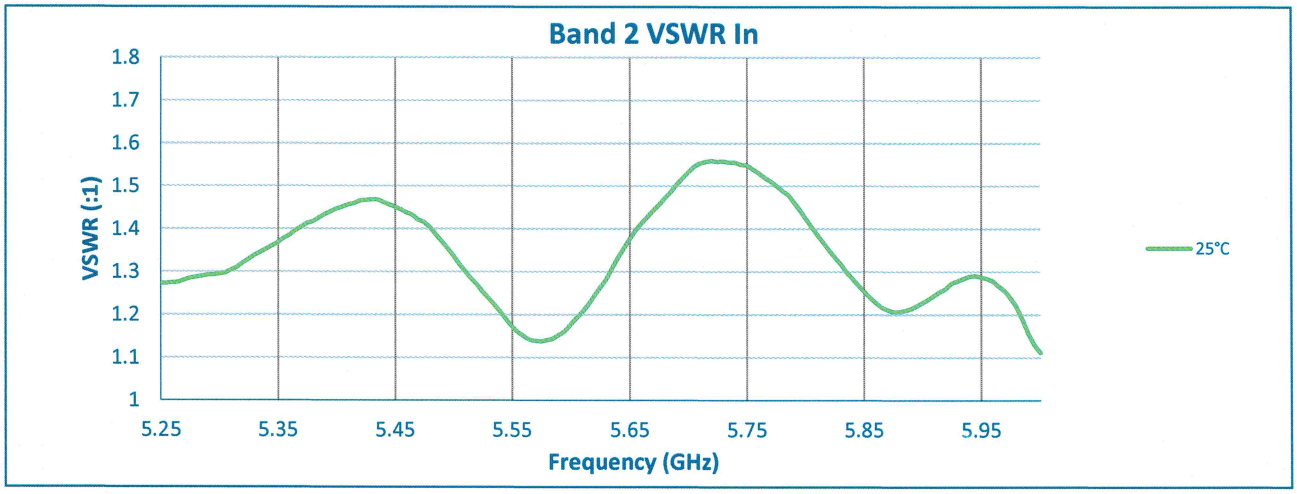


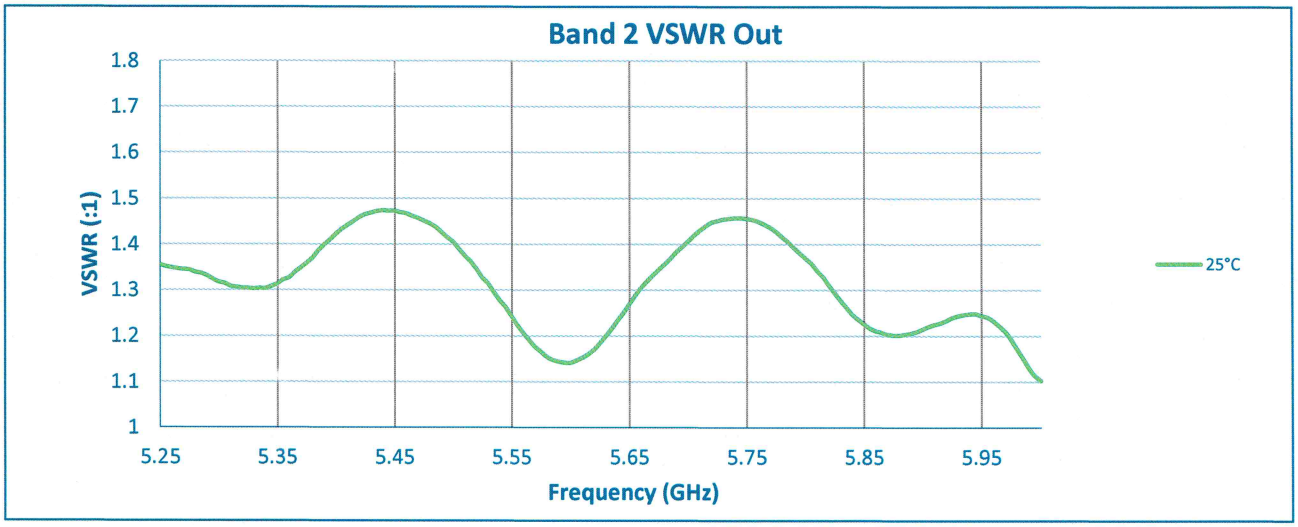


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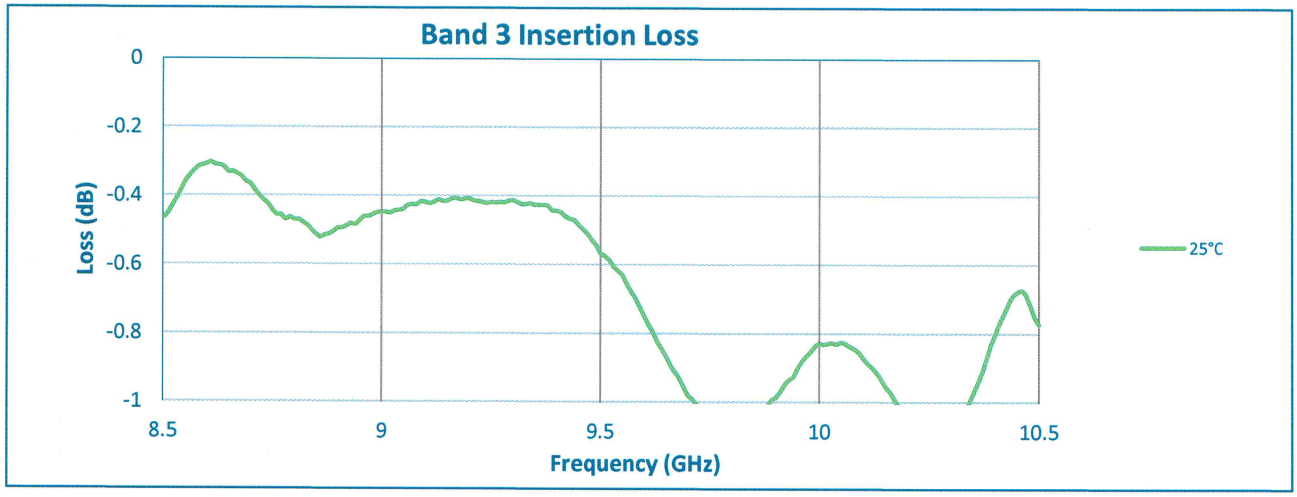


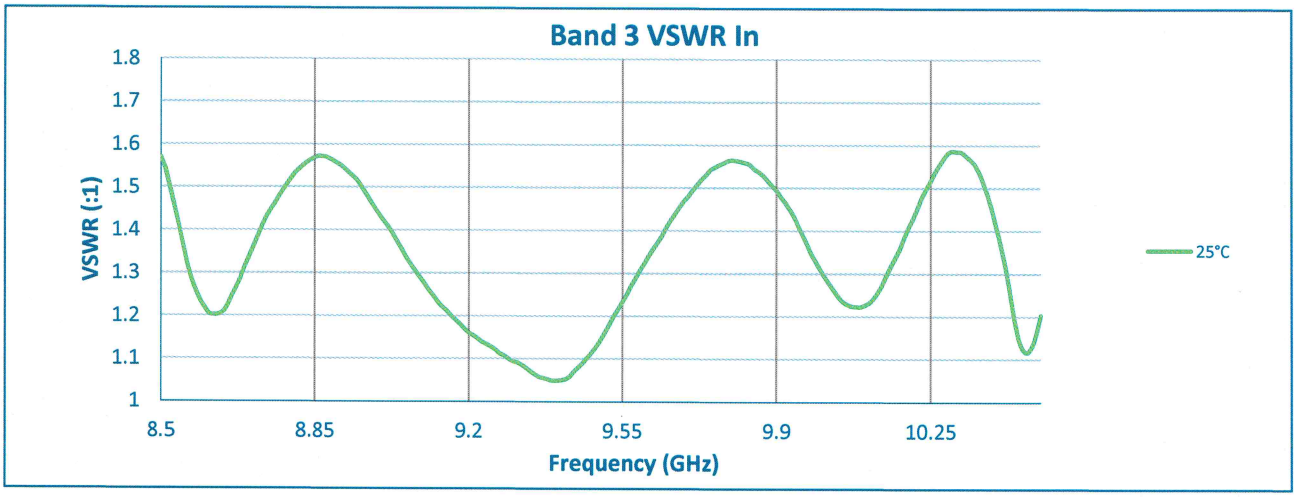


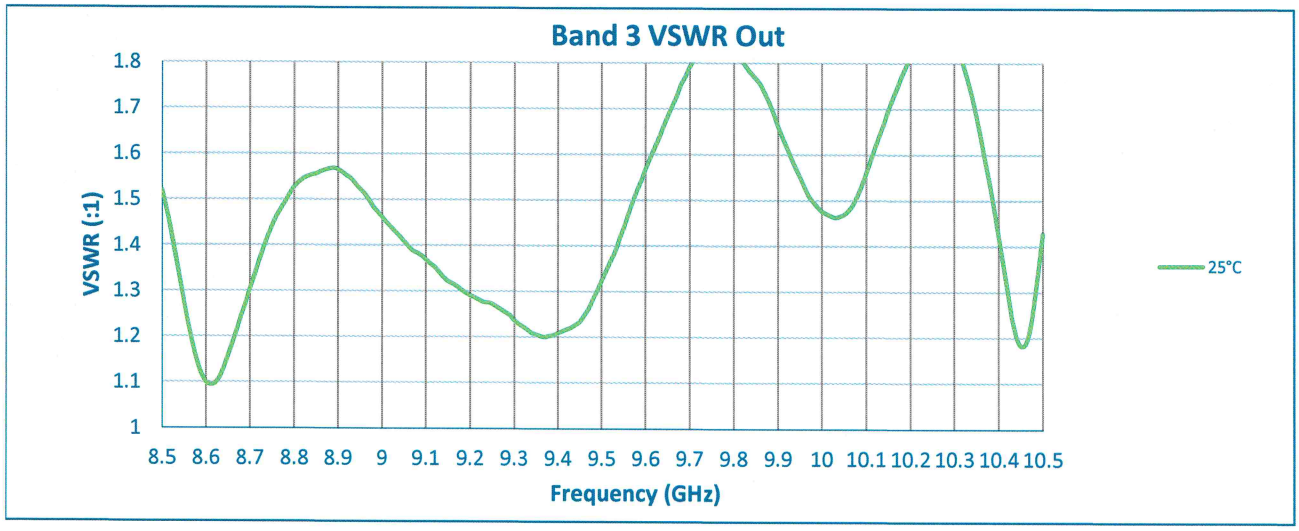


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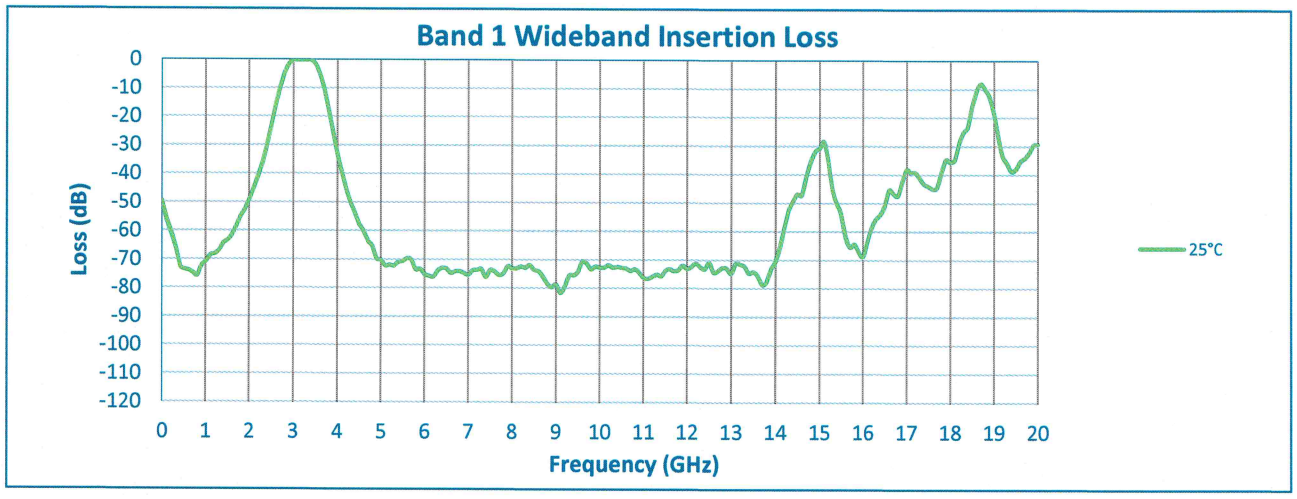
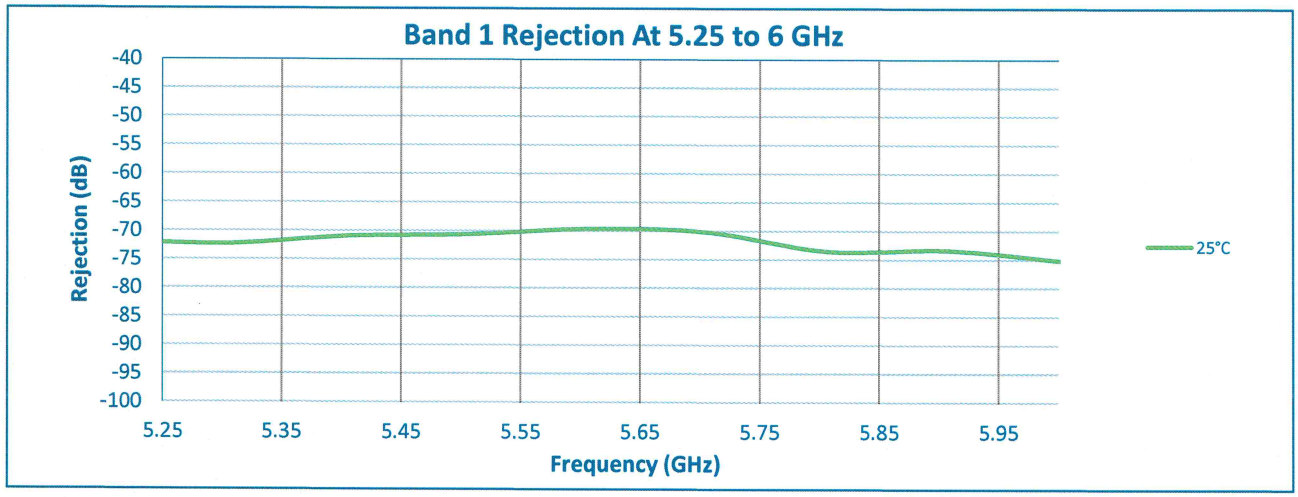
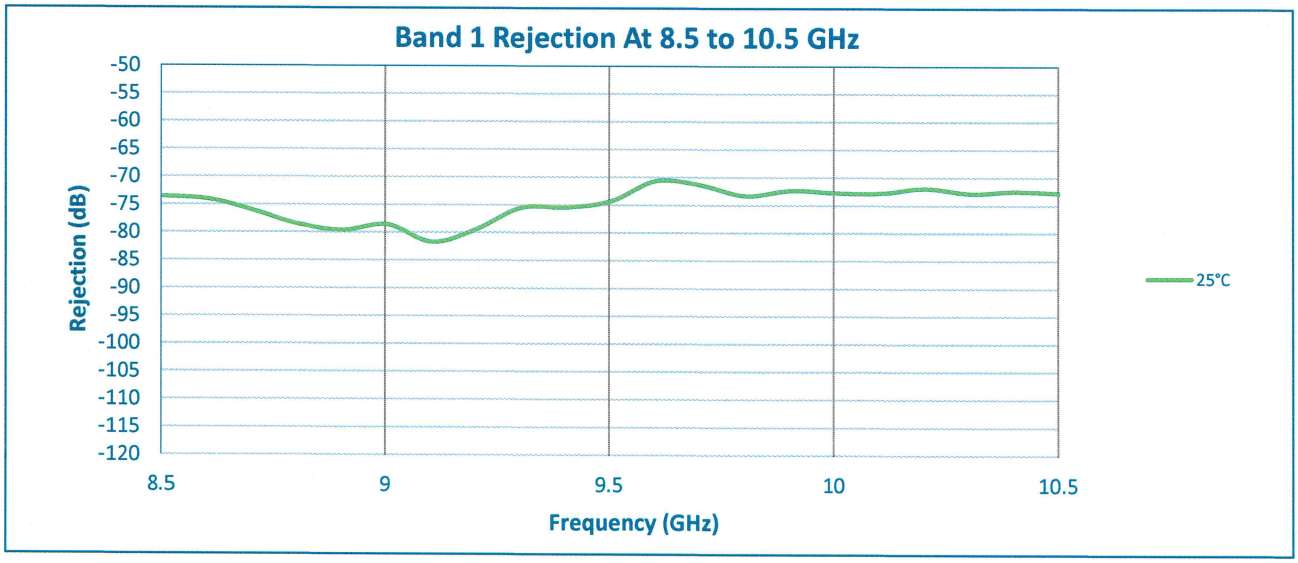
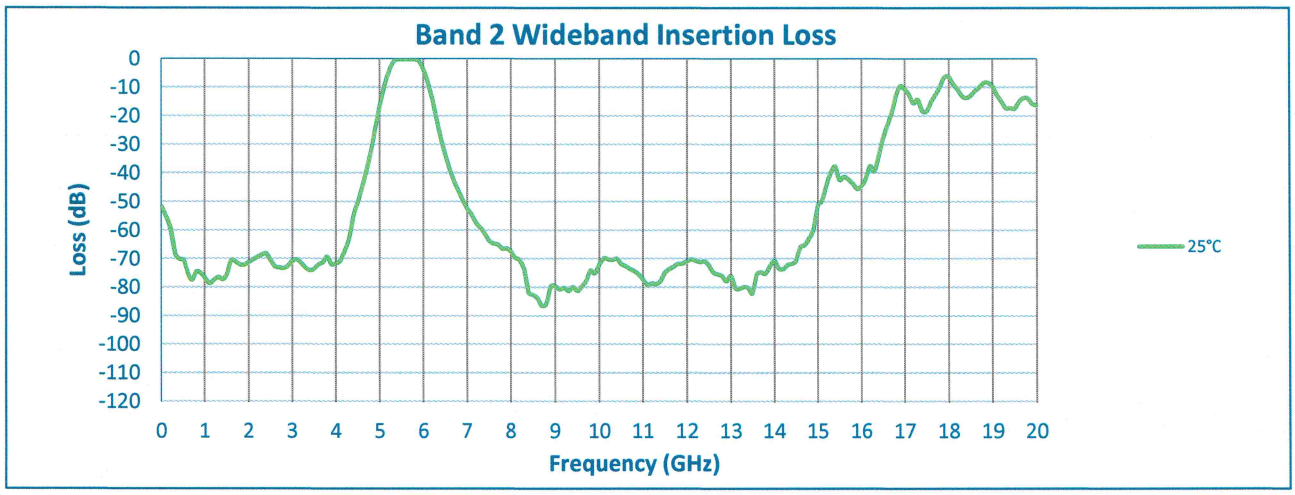
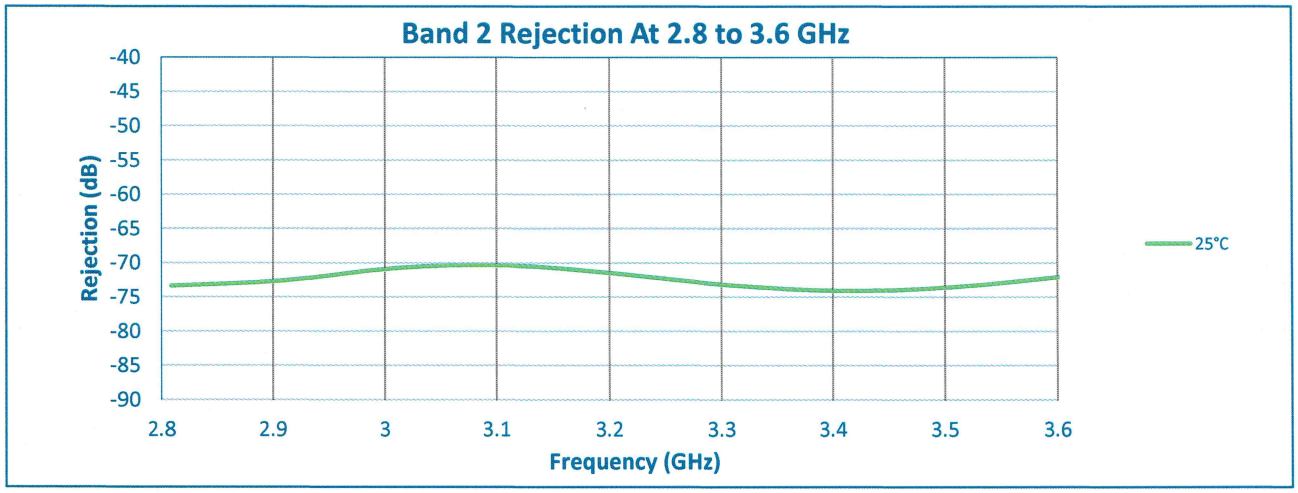
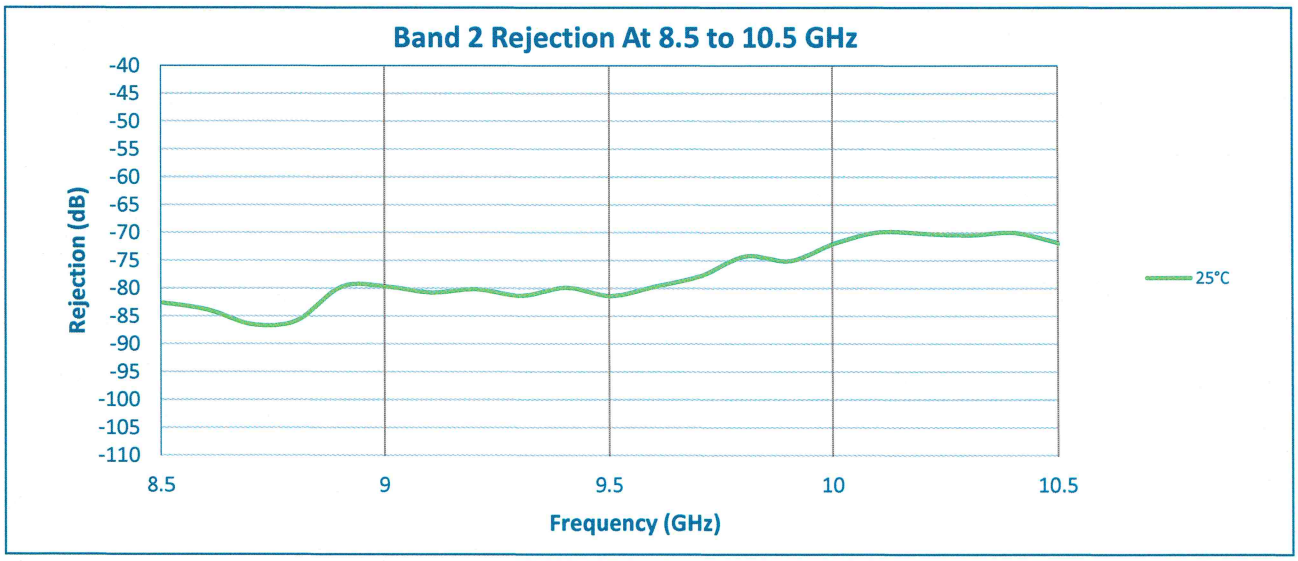

Band 1 Wideband Insertion Loss
Loss (dB)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Frequency (GHz)
25°C


Band 1 Rejection At 5.25 to 6 GHz
Rejection (dB)
-40
-45
-50
-55
-60
-65
-70
-75
-80
-85
-90
-95
-100
5.25 5.35 5.45 5.55 5.65 5.75 5.85 5.95
Frequency (GHz)
25°C


Band 1 Rejection At 8.5 to 10.5 GHz
Rejection (dB)
-50
-55
-60
-65
-70
-75
-80
-85
-90
-95
-100
-105
-110
-115
-120
8.5 9 9.5 10 10.5
Frequency (GHz)
25°C


Band 2 Wideband Insertion Loss
Loss (dB)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Frequency (GHz)
25°C


Band 2 Rejection At 2.8 to 3.6 GHz
Rejection (dB)
-40
-45
-50
-55
-60
-65
-70
-75
-80
-85
-90
2.8 2.9 3 3.1 3.2 3.3 3.4 3.5 3.6
Frequency (GHz)
25°C


Band 2 Rejection At 8.5 to 10.5 GHz
Rejection (dB)
-40
-45
-50
-55
-60
-65
-70
-75
-80
-85
-90
-95
-100
-105
-110
8.5 9 9.5 10 10.5
Frequency (GHz)
25°C

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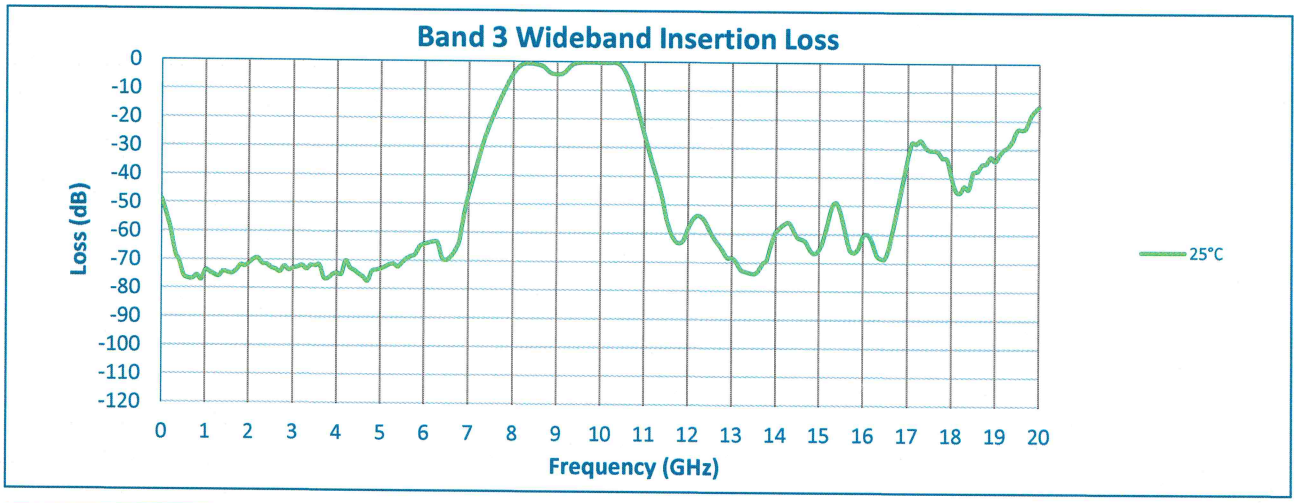


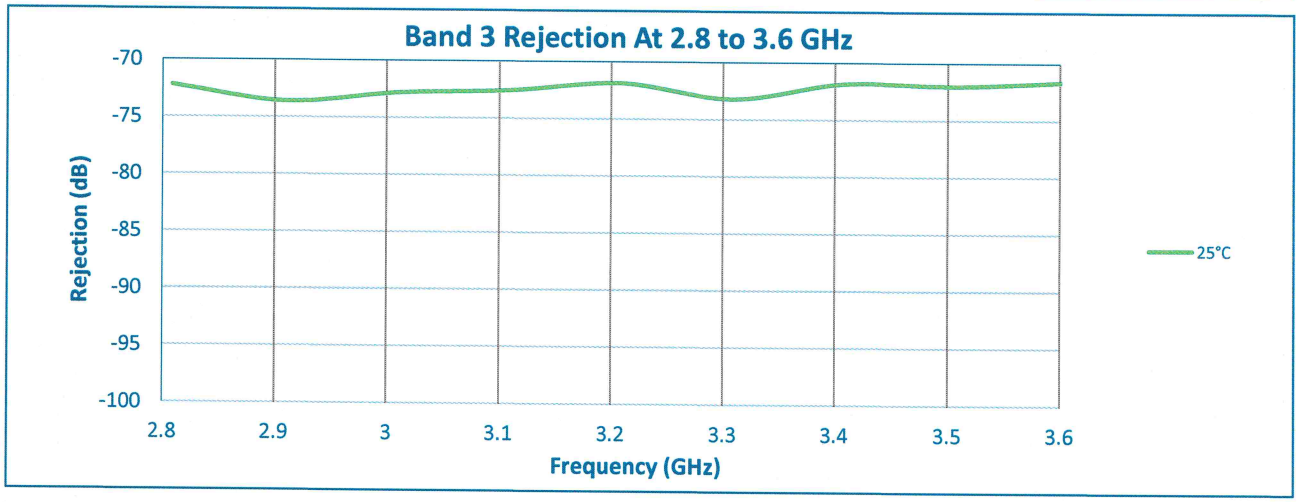


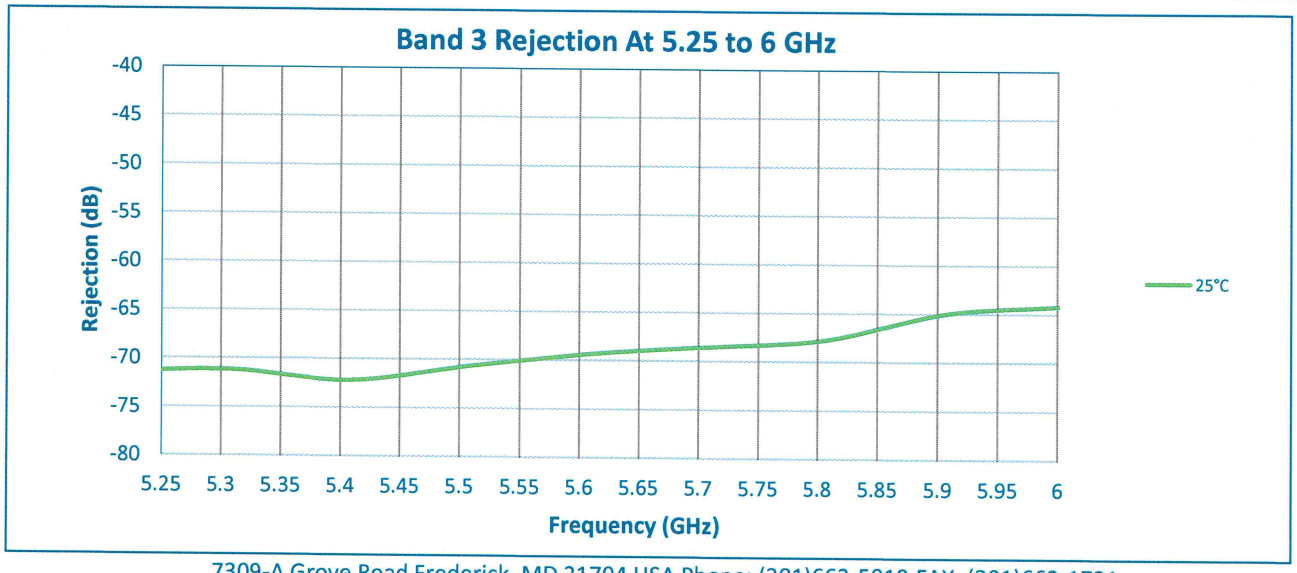


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