Quantic PMI
PLANAR MONOLITHICS

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

CUSTOMER: [redacted]
SO: [redacted]
MODEL NO: PTP-3D2G-5D625G-9D5G-SFF
SERIAL NO: PL58124/2609

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 Band 2: 5.25-6 GHz Band 3: 8.5-10.5 GHz	2.8-3.6 GHz 5.25-6 GHz 8.5-10.5 GHz	PMI QA3
2	Insertion Loss	0.8dB Max	0.45 dB	
3	VSWR	1.8:1 Max	1.68:1	
4	Rejection (Band 1)	40 dB Min @ 5.25 - 6 GHz 50 dB Min @ 8.5 - 10.5 GHz	71.2 dB 73.8 dB	
5	Rejection (Band 2)	40 dB Min @ 2.8 - 3.6 GHz 40 dB Min @ 8.5 - 10.5 GHz	67.7 dB 72.2 dB	
6	Rejection (Band 3)	70 dB Min @ 2.8 - 3.6 GHz 40 dB Min @ 5.25 - 6 GHz	71.1 dB 61.8 dB	

QA/QC Approval: K Klan Date: 2-27-26

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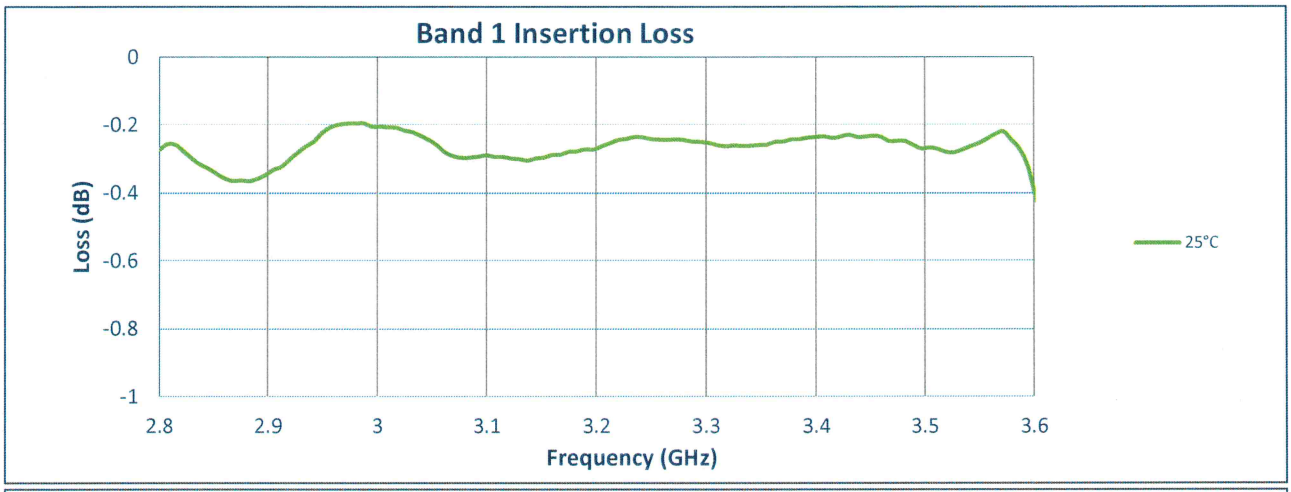
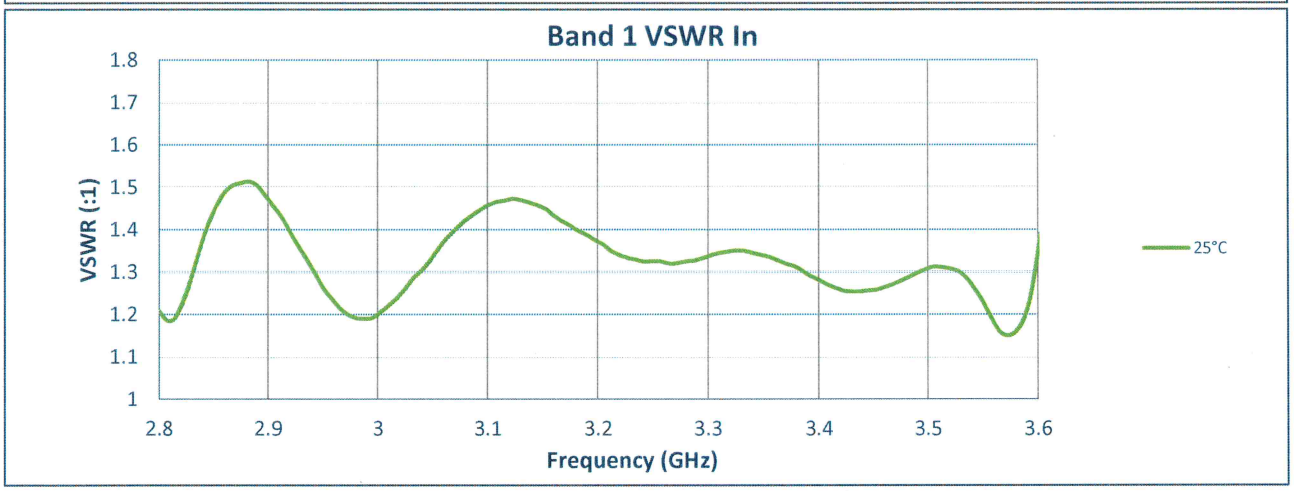
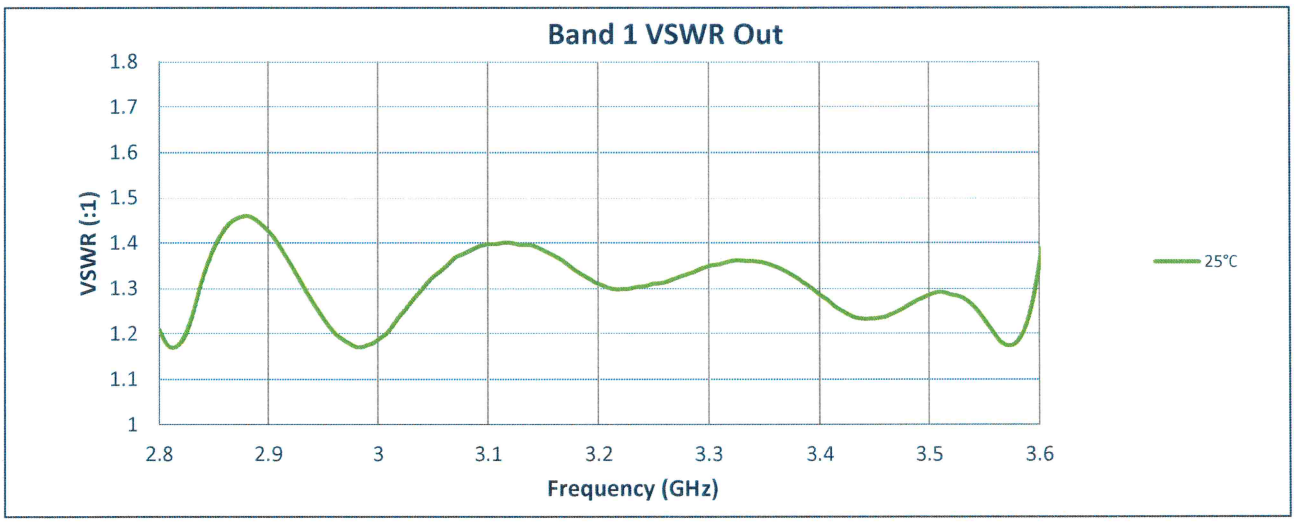
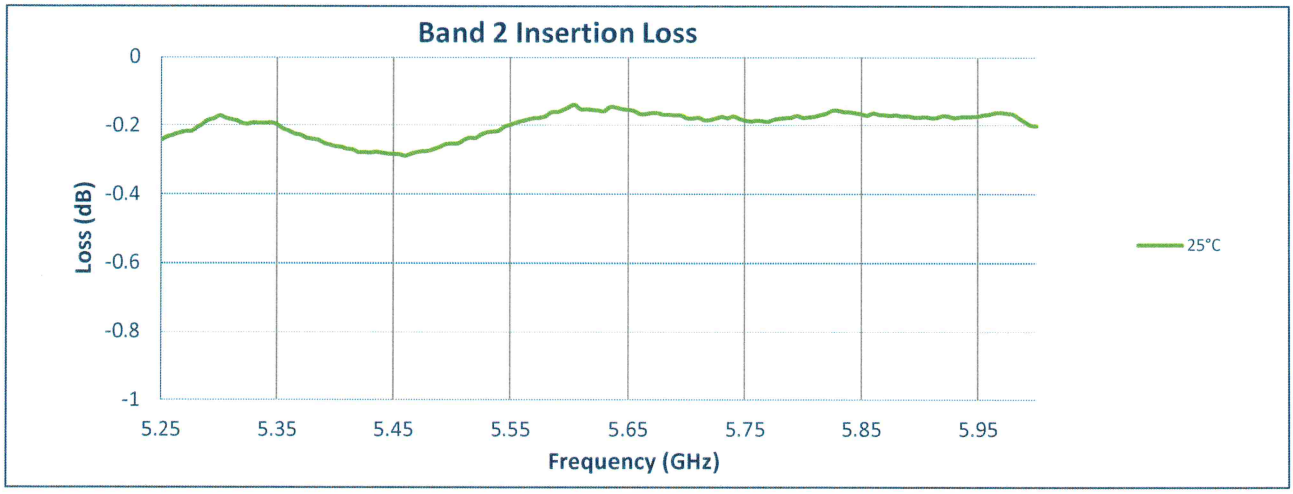
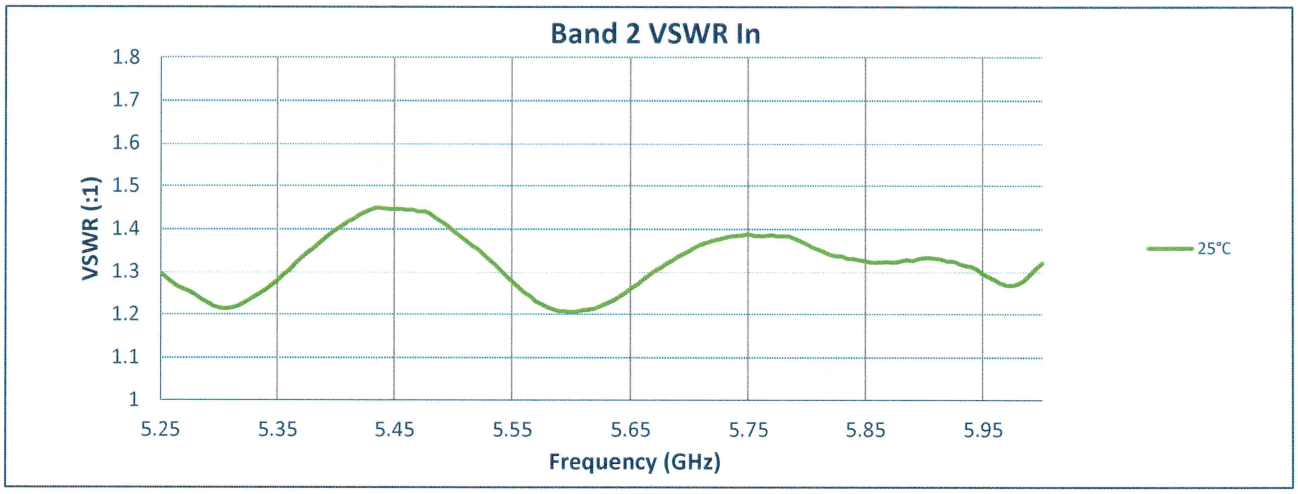
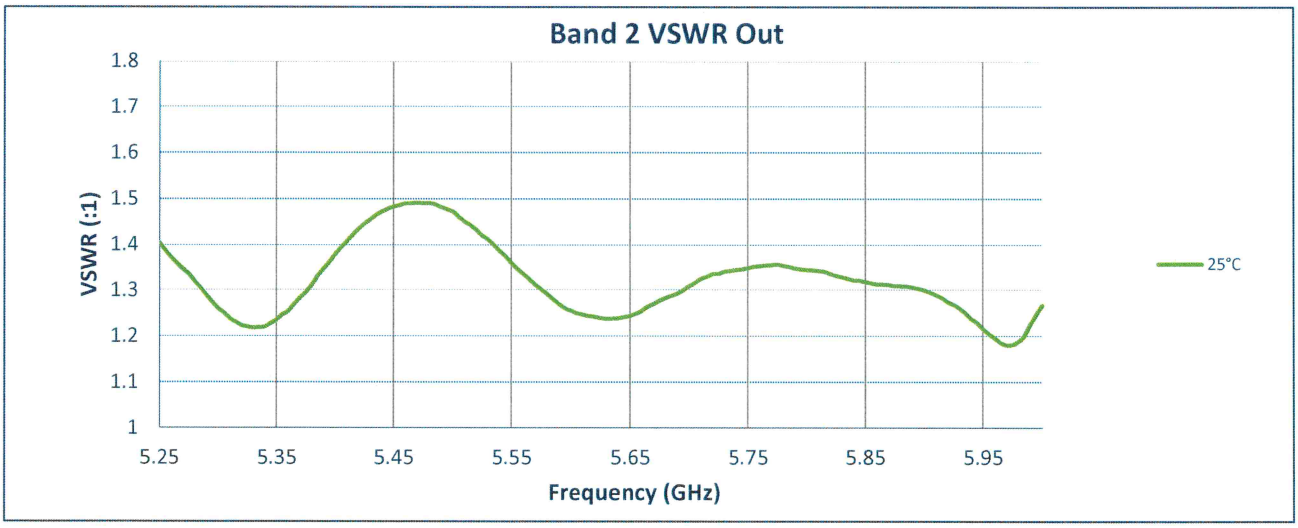

Band 1 Insertion Loss
Loss (dB)
0
-0.2
-0.4
-0.6
-0.8
-1
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5
3.6
Frequency (GHz)
25°C

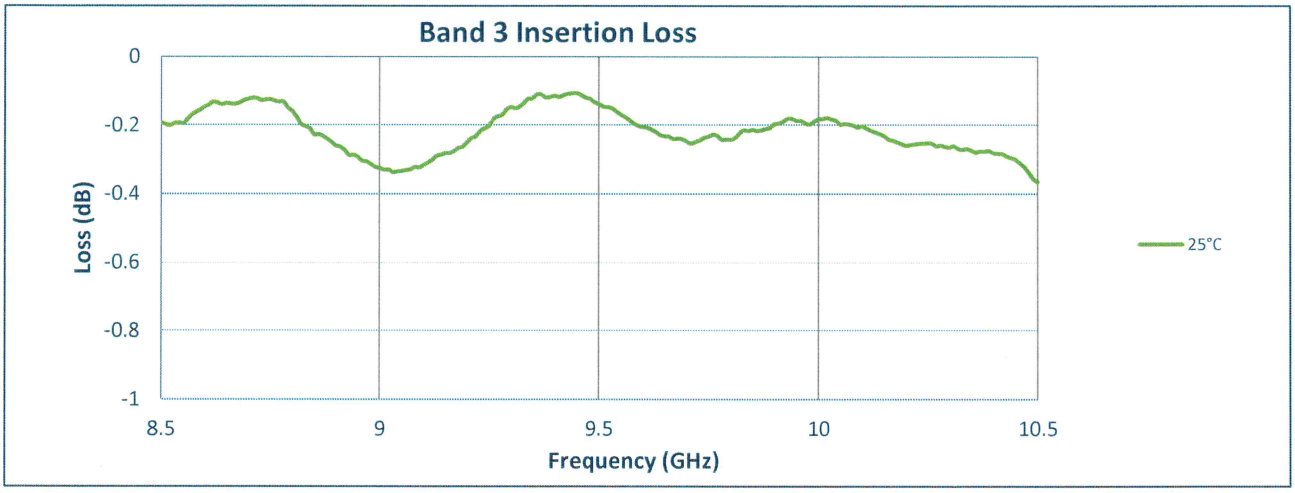

Band 1 VSWR In
VSWR (:1)
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5
3.6
Frequency (GHz)
25°C

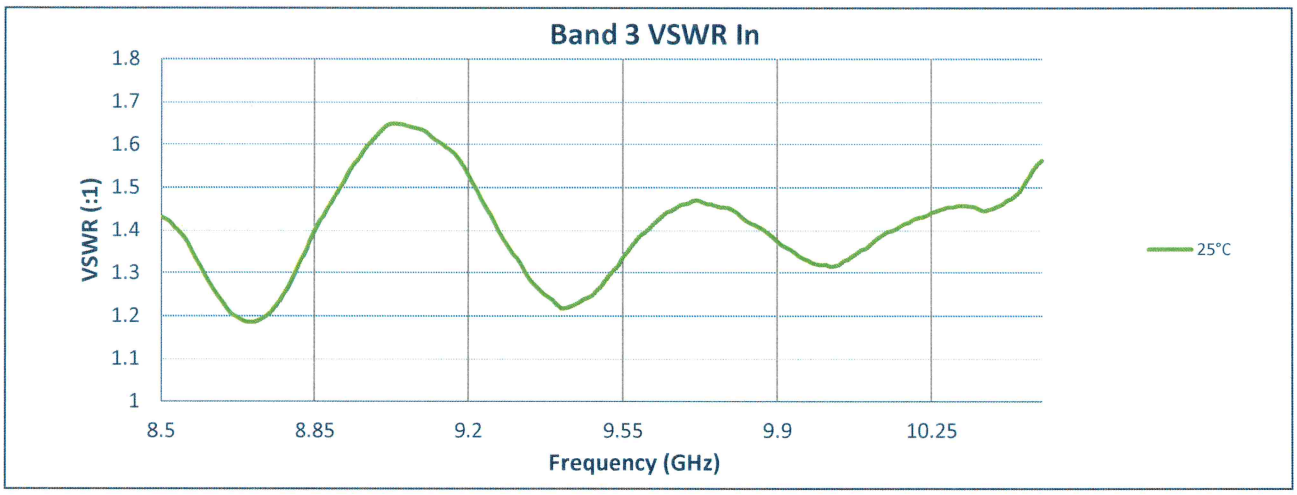

Band 1 VSWR Out
VSWR (:1)
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5
3.6
Frequency (GHz)
25°C

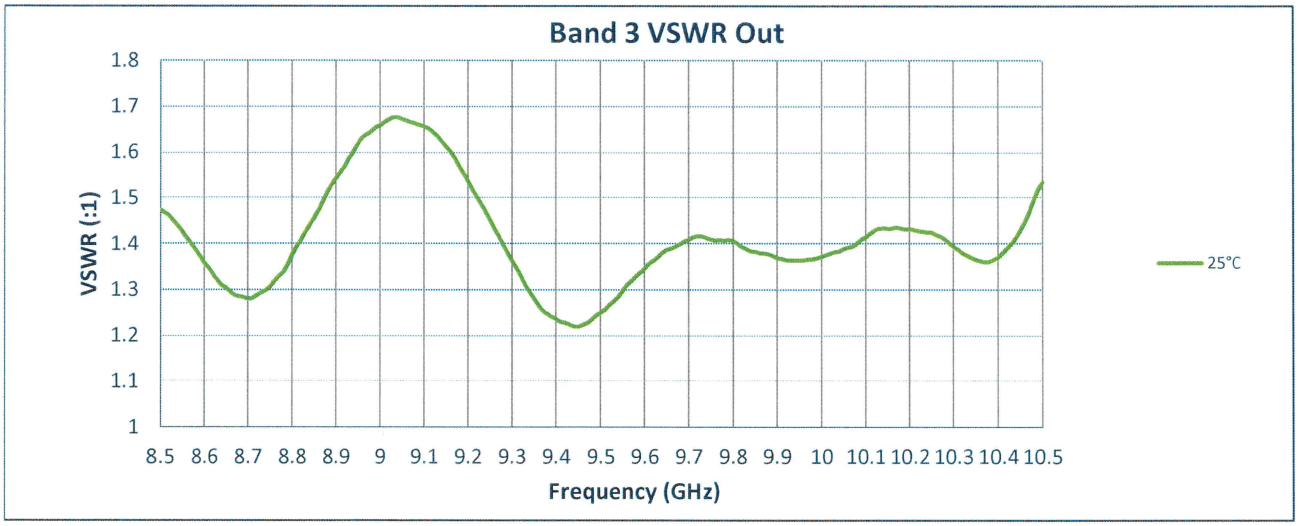

Band 2 Insertion Loss
0
-0.2
-0.4
-0.6
-0.8
-1
Loss (dB)
5.25
5.35
5.45
5.55
5.65
5.75
5.85
5.95
Frequency (GHz)
25°C

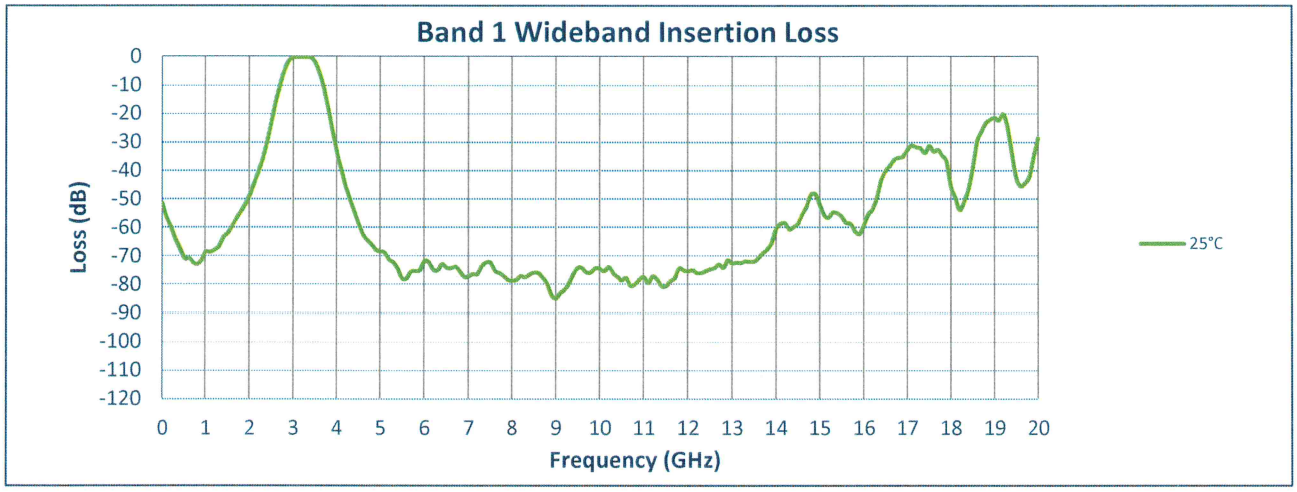

Band 2 VSWR In
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
VSWR (:1)
5.25
5.35
5.45
5.55
5.65
5.75
5.85
5.95
Frequency (GHz)
25°C

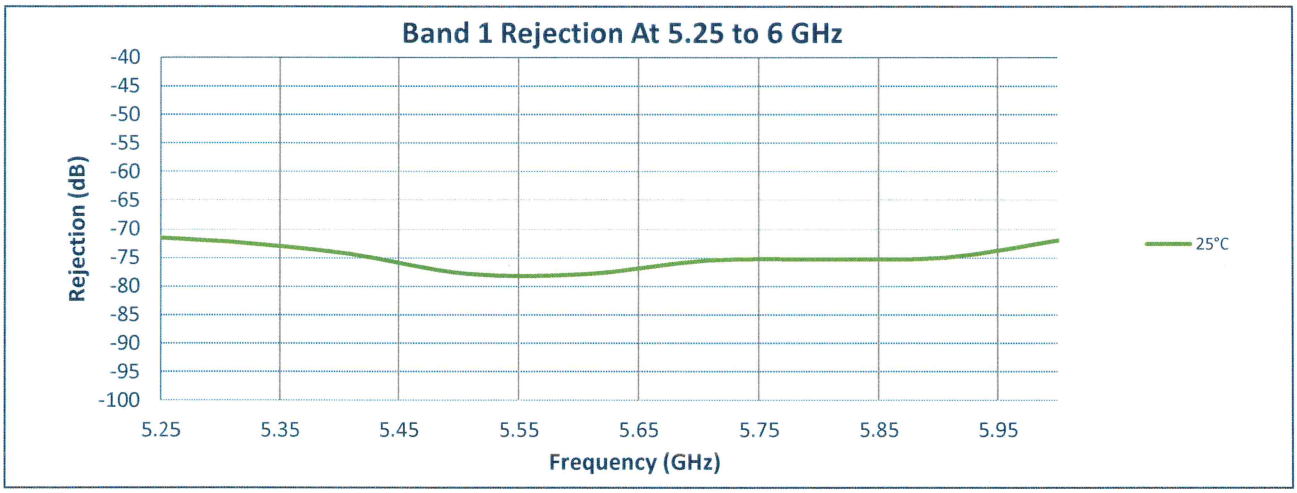

Band 2 VSWR Out
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
VSWR (:1)
5.25
5.35
5.45
5.55
5.65
5.75
5.85
5.95
Frequency (GHz)
25°C

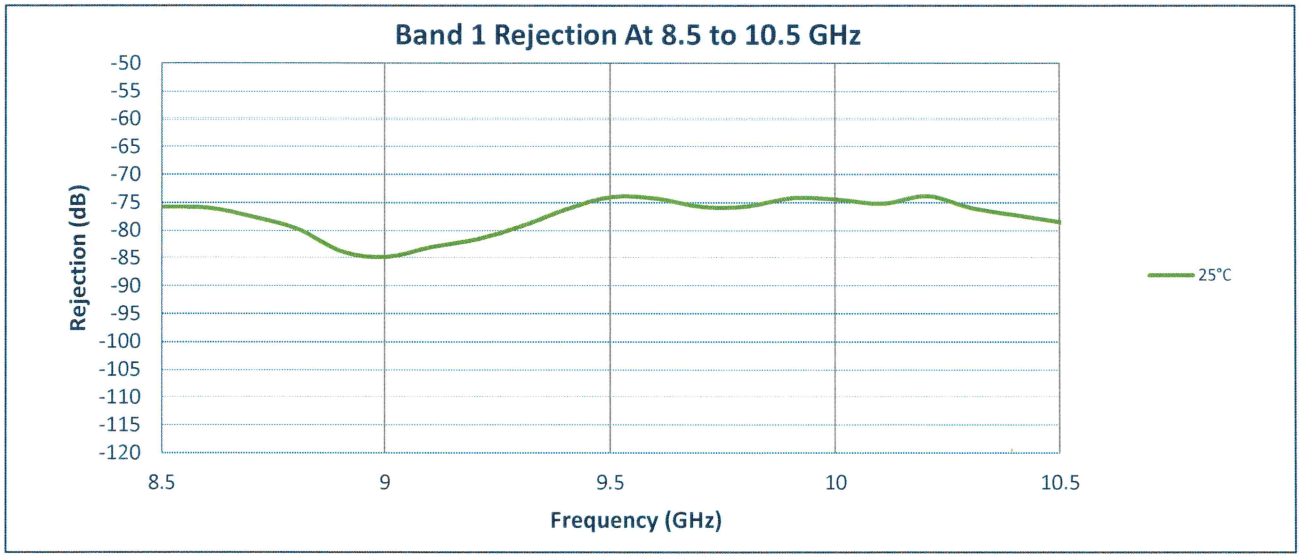

Band 3 Insertion Loss
0
-0.2
-0.4
-0.6
-0.8
-1
Loss (dB)
8.5
9
9.5
10
10.5
Frequency (GHz)
25°C

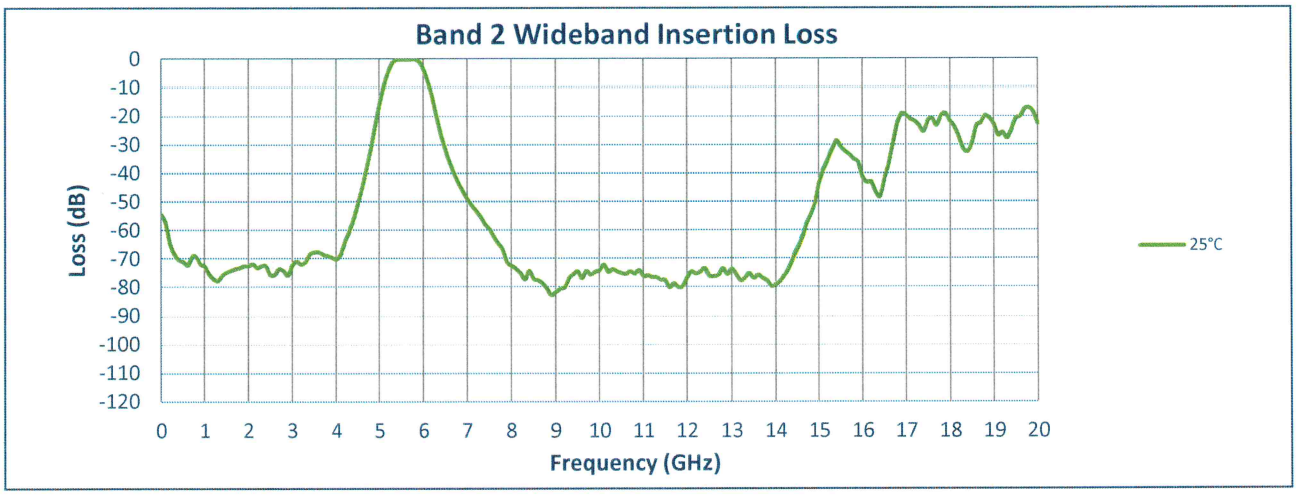

Band 3 VSWR In
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
VSWR (:1)
8.5
8.85
9.2
9.55
9.9
10.25
Frequency (GHz)
25°C

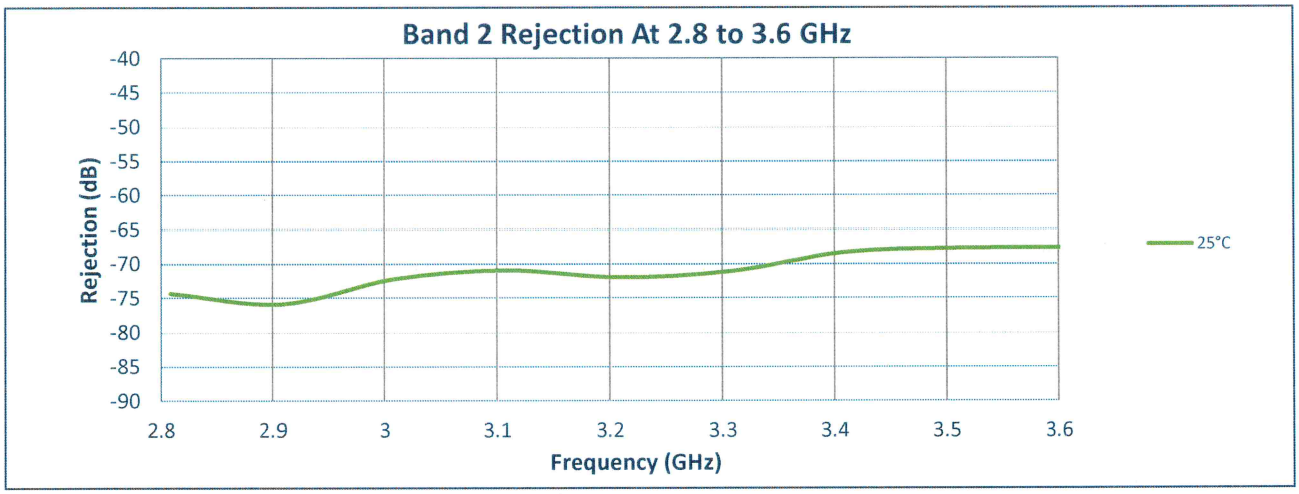

Band 3 VSWR Out
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
VSWR (:1)
8.5 8.6 8.7 8.8 8.9 9 9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 10 10.1 10.2 10.3 10.4 10.5
Frequency (GHz)
25°C

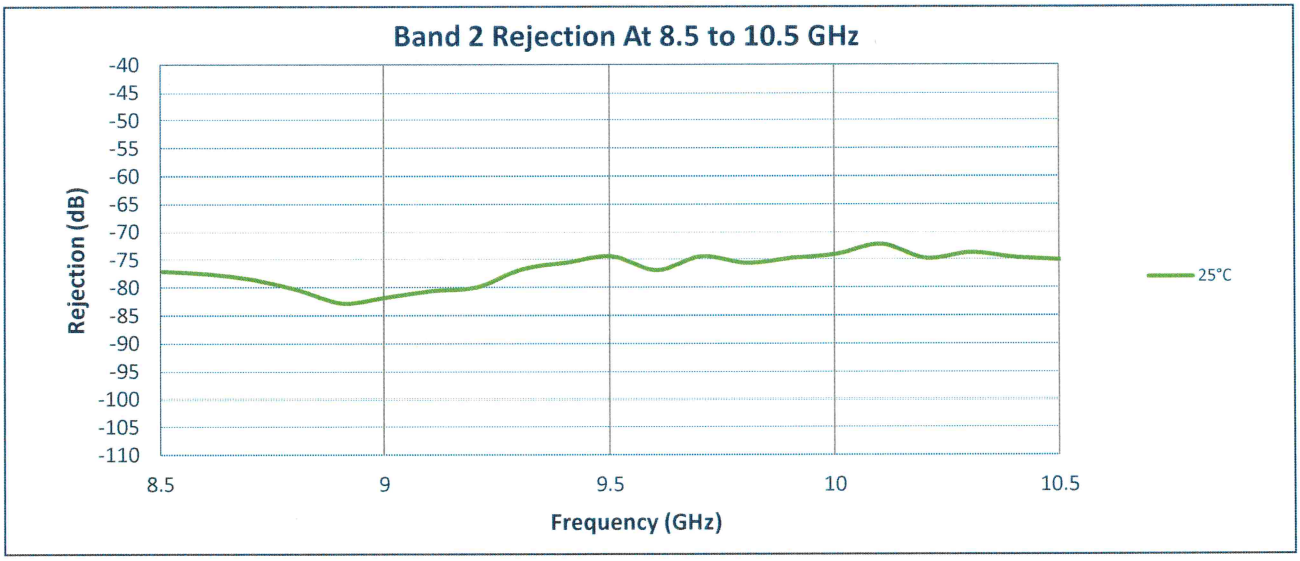

Band 1 Wideband Insertion Loss
Loss (dB)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Frequency (GHz)
25°C

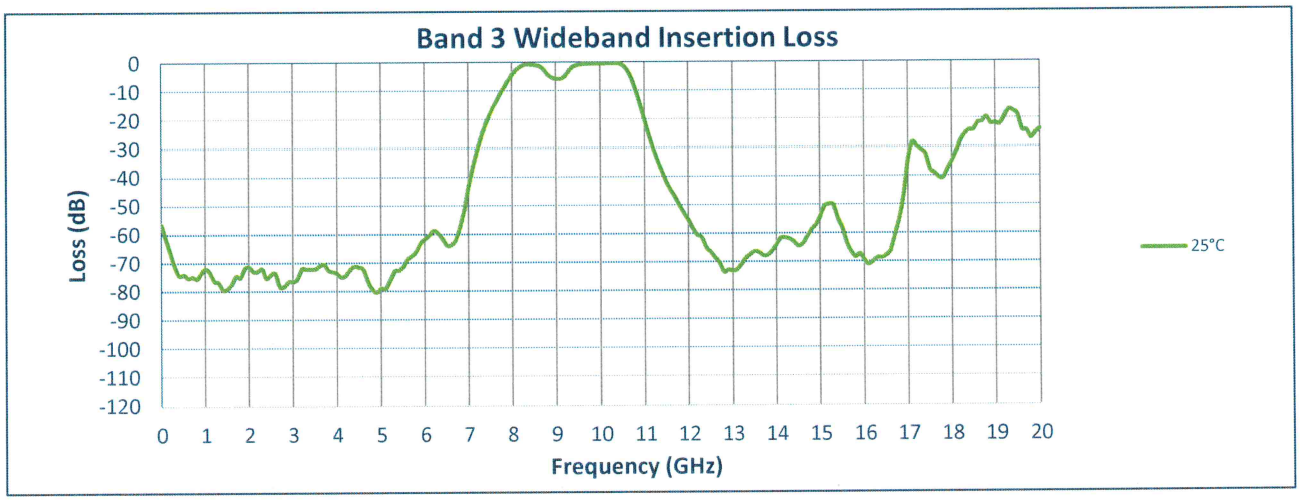

Band 1 Rejection At 5.25 to 6 GHz
Rejection (dB)
-40
-45
-50
-55
-60
-65
-70
-75
-80
-85
-90
-95
-100
5.25 5.35 5.45 5.55 5.65 5.75 5.85 5.95
Frequency (GHz)
25°C

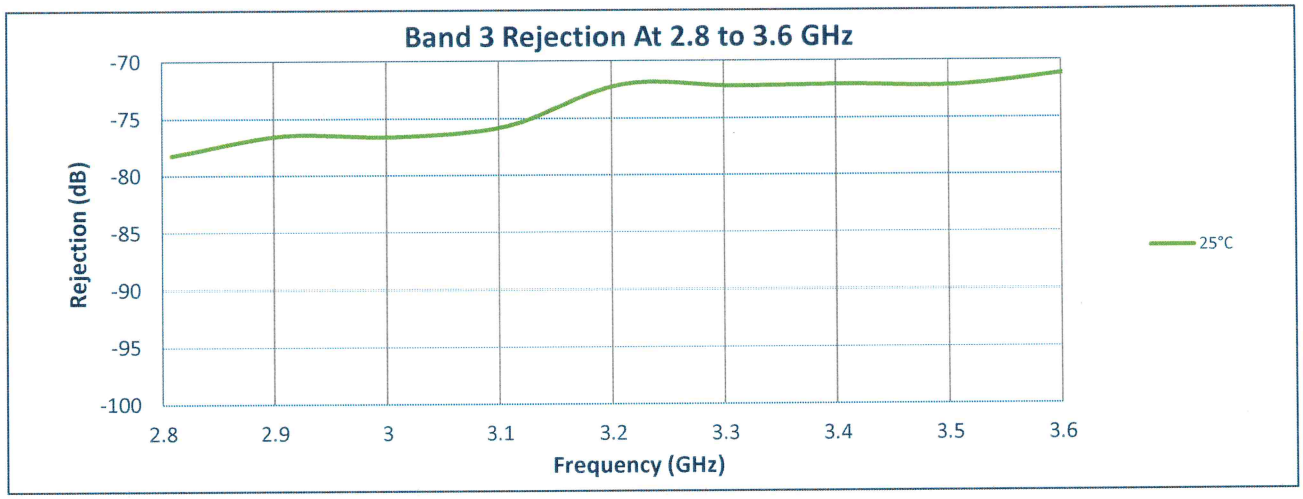

Band 1 Rejection At 8.5 to 10.5 GHz
Rejection (dB)
-50
-55
-60
-65
-70
-75
-80
-85
-90
-95
-100
-105
-110
-115
-120
8.5 9 9.5 10 10.5
Frequency (GHz)
25°C

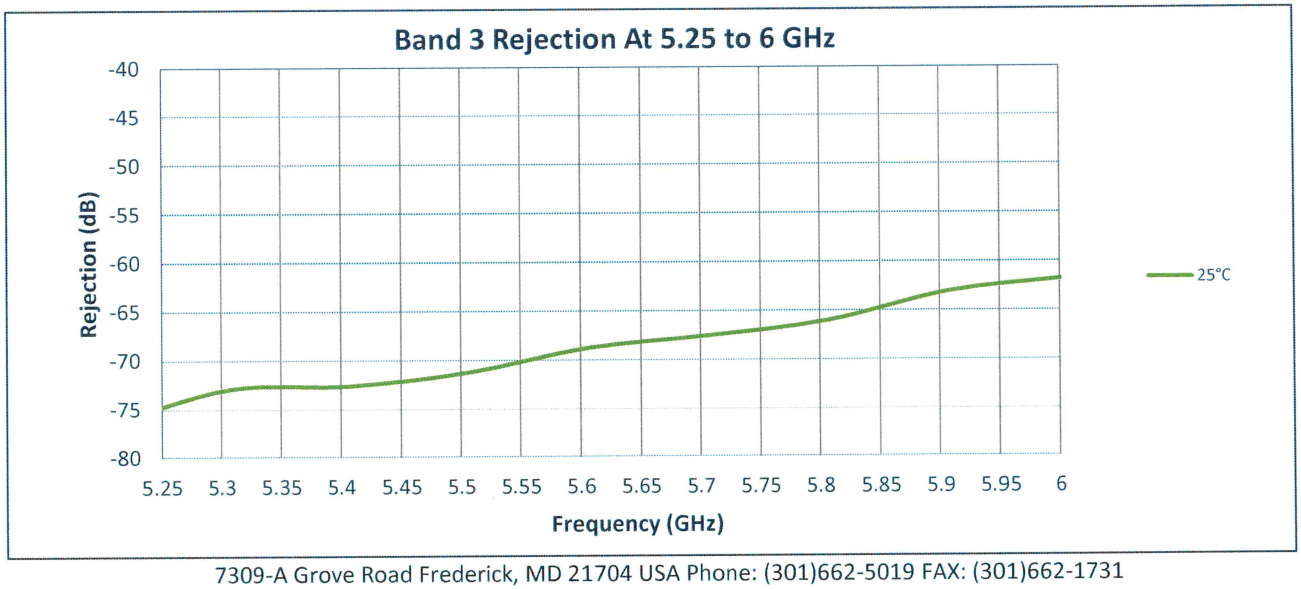

Band 2 Wideband Insertion Loss
Loss (dB)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Frequency (GHz)
25°C


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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