
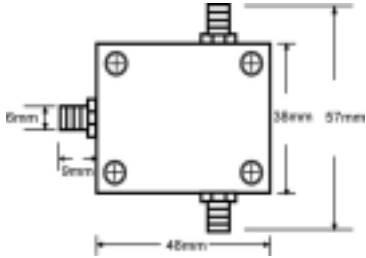


# Band Pass Power Splitter Specification Sheet

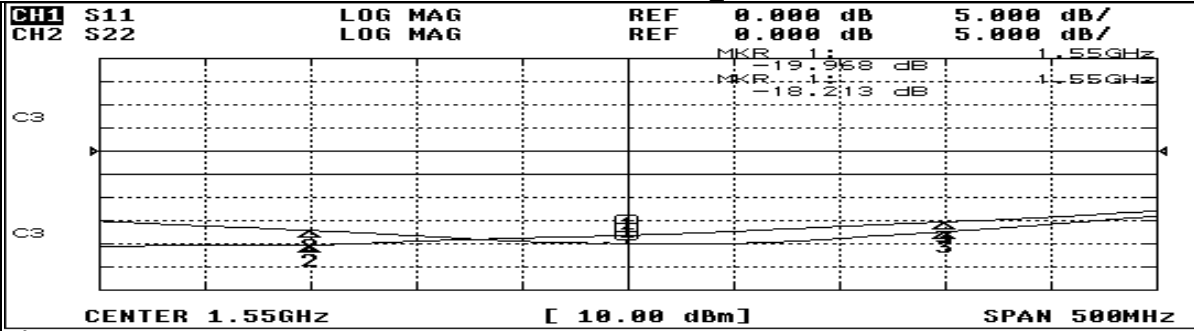
Customer Name		Temwell's Part No.	P02S-1.4G-1.7G-N
Approval No. /dated	0701141APR	Temwell's Print Name	
Work Instruction No.	0701141DC	Date	Jan.18.2007
(1)Dimension		(2)Size Diagram	
			
(3)Electric Character			
Item		Specify	Performance
Center Freq.(Fo ) +/- 0.5 % (option)		1400-1700 MHz	1400-1700 MHz
Band Pass Frequency		300 MHz	300 MHz
Insertion Loss S21 (Power Split Loss -3 dB )		Typ. 0.5 dB	0.20 dB
Insertion Loss S31 (Power Split Loss -3 dB )		Typ. 0.5 dB	0.27 dB
IL diffent from output 1 & 2		Typ. 0.5 dB	0.07 dB
Sensitivity (Attenuation)	Fo - ( )MHz below	Typ. dBc	dBc
	Fo +( )MHz above	Typ. dBc	dBc
Return Loss output 1 (S11)		Min. 12 dB	19.0 dB
Return Loss output 2 (S22)		Min. 12 dB	22.9 dB
Return Loss output 3 (S33)		Min. 12 dB	22.9 dB
Isolation S23		Typ. 20 dB	21 dB
Connector type		N(f)	N(f)
(4)Impedance all port		In / Out : 50 Ω	In / Out : 50 Ω
(5)Input Power		> 20 Watt	
(6)Temperature Condition:			
Operating Temperature		-30 ~ +70	
Storage Temperature		-30 ~ +80	
Approval	Supervisor	Designer	Connector
C.Y.Chang	C.S.Chang	C.S.Chang	N(f)
TEMWELL CORPORATION			

TEMWELL

Band pass power splitter- Vision A

RP C.S.Chang

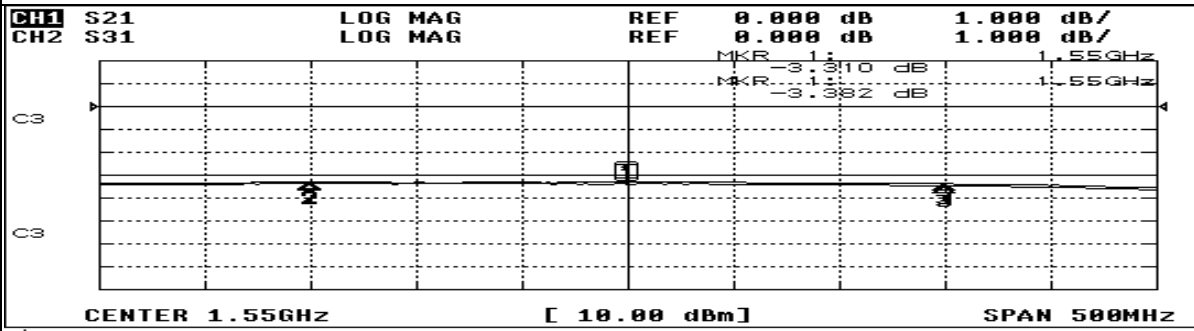
# Band Pass Power Splitter Performance



CH1	MARKER LIST	Frequency (GHz)	Magnitude (dB)
1	1.5500	1.5500	-18.213
2	1.4000	1.4000	-18.213
3	1.7000	1.7000	-18.213

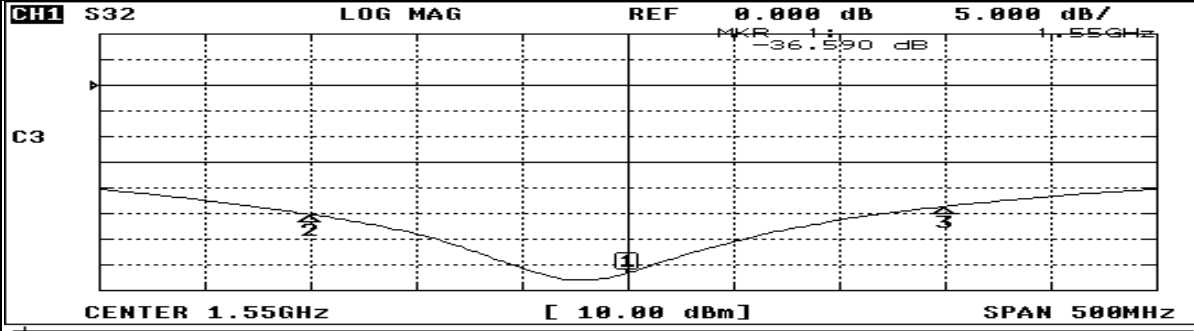
CH2	MARKER LIST	Frequency (GHz)	Magnitude (dB)
1	1.5500	1.5500	-18.213
2	1.4000	1.4000	-18.213
3	1.7000	1.7000	-18.213



CH1	MARKER LIST	Frequency (GHz)	Magnitude (dB)
1	1.5500	1.5500	-3.310
2	1.4000	1.4000	-3.382
3	1.7000	1.7000	-3.382

CH2	MARKER LIST	Frequency (GHz)	Magnitude (dB)
1	1.5500	1.5500	-3.310
2	1.4000	1.4000	-3.382
3	1.7000	1.7000	-3.382



CH1	MARKER LIST	Frequency (GHz)	Magnitude (dB)
1	1.5500	1.5500	-36.590
2	1.4000	1.4000	-25.189
3	1.7000	1.7000	-23.615
4			
5			
6			
7			
8			
9			
10			