

# Design Validation Form

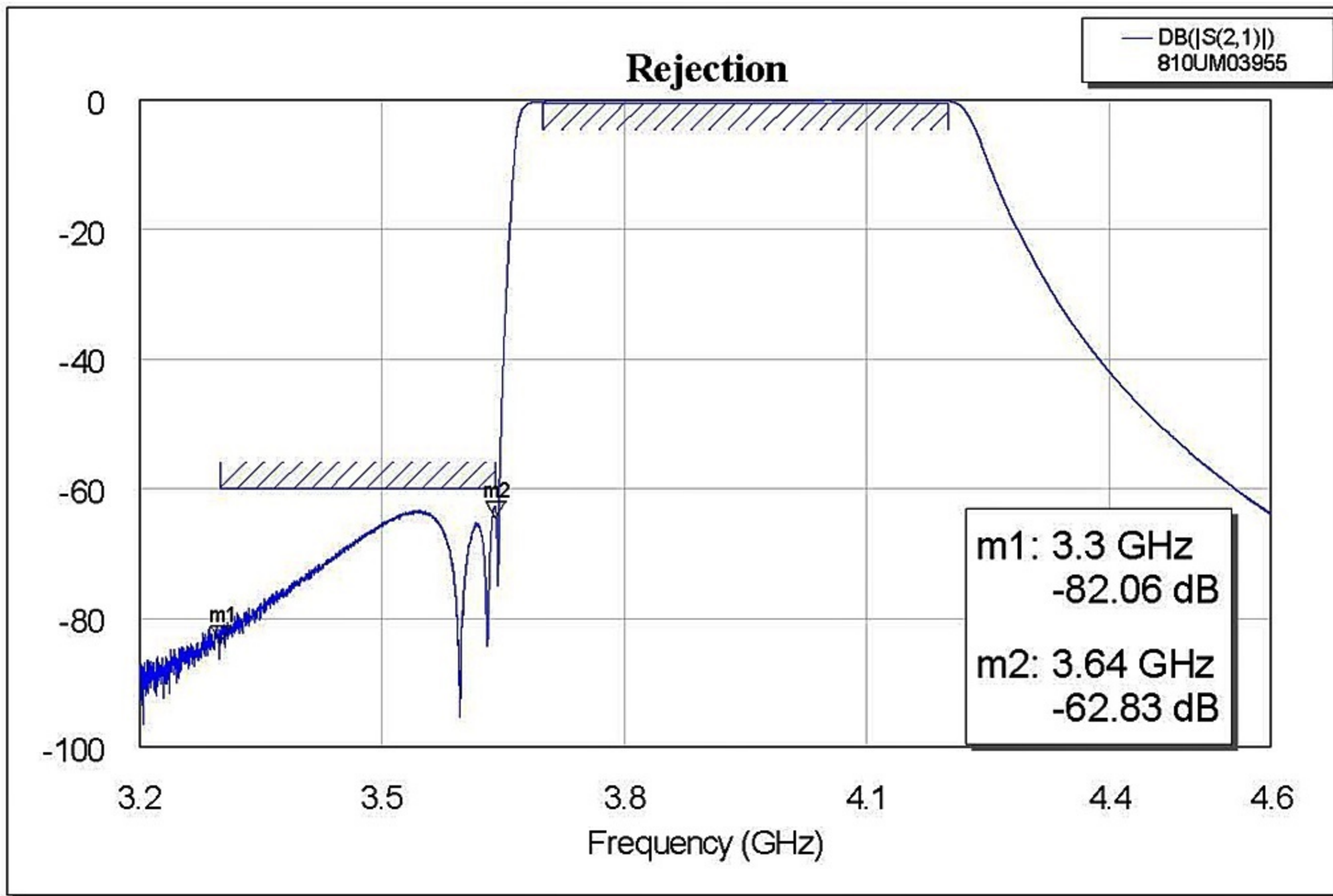
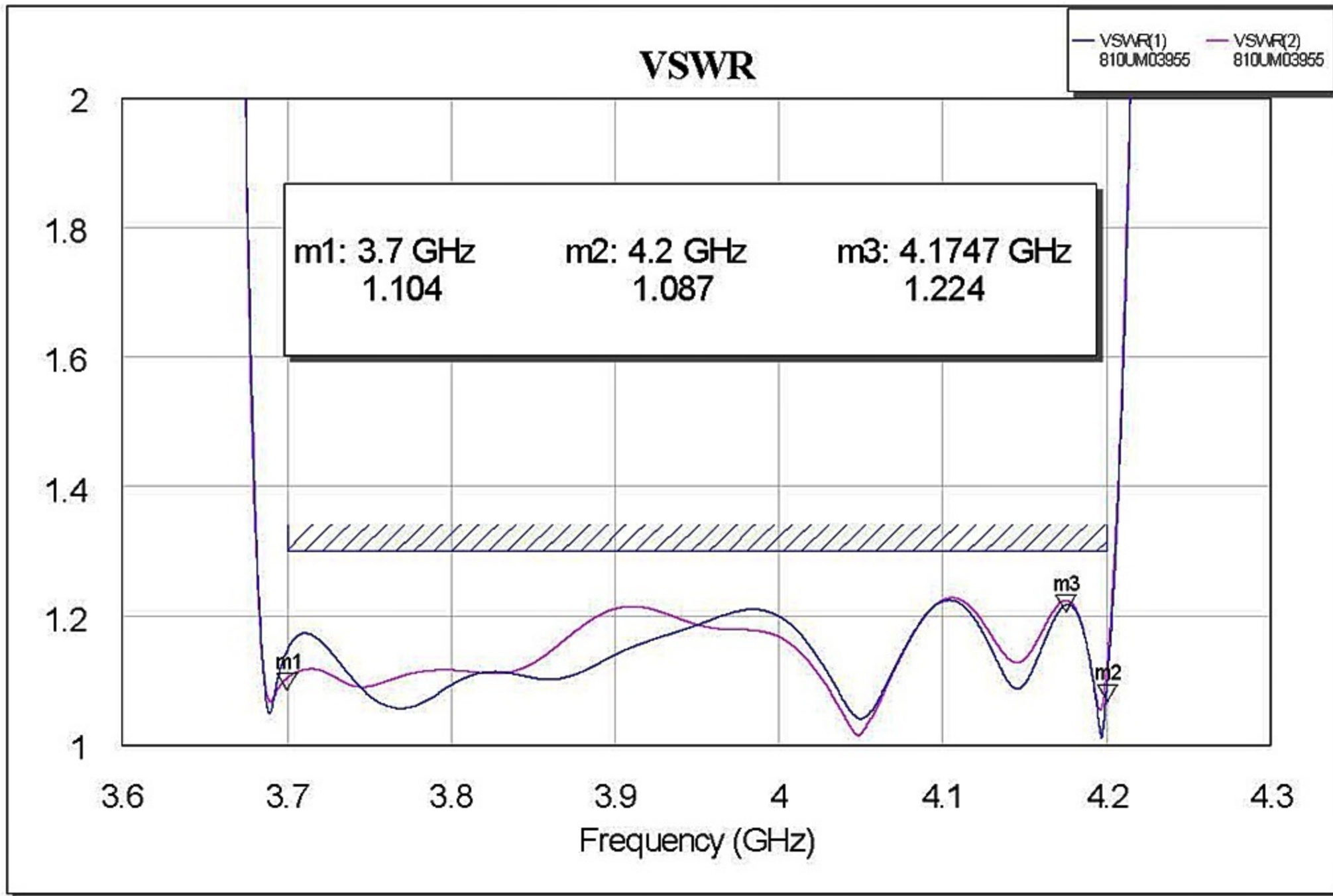
Product Name		Part Number		Serial Number		
3.95GHz C-Band BPF		Customer P/N: NA P/N: 810UM03955		UM19310213		
Requirement	Specification	Test Method	Result	Record	Comply	
		Test Equipment				
Center frequency	3950 MHz	RS1026 Keysight N5230C	3950 MHz	P1 - P2	YES	
Frequency range	3700 to 4200 MHz	RS1026 Keysight N5230C	3700 to 4200 MHz	P1 - P2	YES	
Insertion loss in band	0.5dB max	RS1026 Keysight N5230C	0.29 dB	P2	YES	
VSWR	1.3 :1 MAX (17.7 dB MAX)	RS1026 Keysight N5230C	1.224 (19.93 dB)	P1	YES	
Rejection	60 dB min@3300 ~ 3640 MHz	RS1026 Keysight N5230C	62.83 dB	P1	YES	
Flanges	CPR229G / CPR229F	QS02 Mitutoyo	CPR229G / CPR229F	NA	YES	
WG size	WR229	QS02 Mitutoyo	WR229	NA	YES	
Temperature	-20~+50°C	QS42 WIT TH-2P-D	-20~+50°C	NA	YES	
Pressurization	Sealed to 5 psi	RS1027 Sealing Jlg	Sealed to 5 psi	NA	YES	
Material finish	Silver plating	QS44 Fischerscope D081BS	Silver plating	NA	YES	
Finish	Powder coating, color according with RAL 9003(UMT P/N: 730022)	QS06 Elektro Physik 180-1002	Powder coating, color according with RAL 9003(UMT P/N: 730022)	NA	YES	
Rev: 07		Date: 2019.10.23		Action Taken by Scott Chen		
Approved by Nick Chen		Initiated by Nick Chen		Date : 2019.10.23		

Comments:

Reviewed by QE :                     Alan Huang                          Date :                     2019.10.23                      
 Reviewed by Design Engineer :                     Scott Chen/ Nick Chen                          Date :                     2019.10.23                      
 Approved :                     Wei Cheng                          Date :                     2019.10.23

P/N:810UM03955  
Customer P/N:NA

UM19310213~14



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Customer P/N:NA

