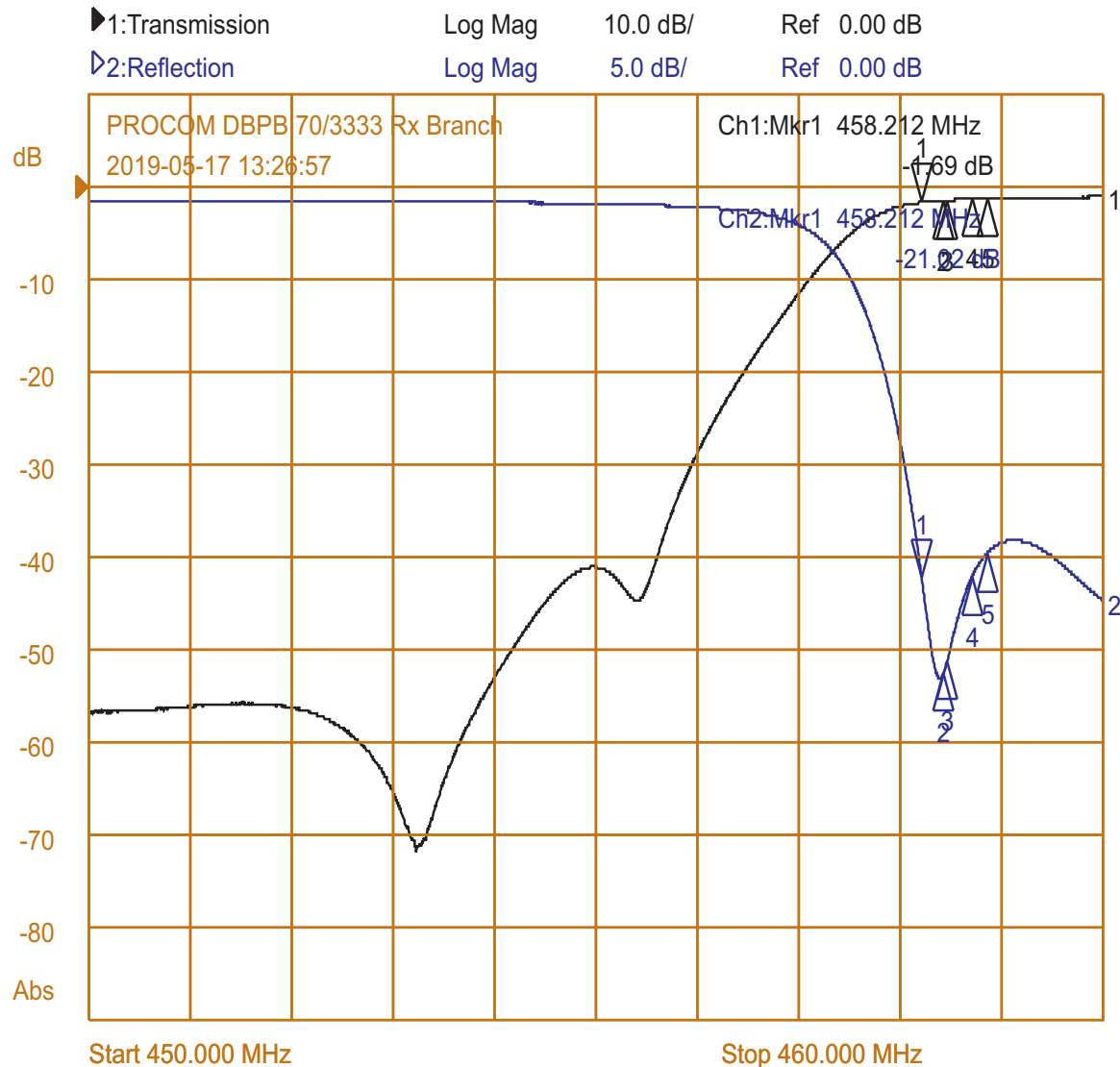


PROCOM DMPB 70/3333-Tetra-N-5 Duplexer

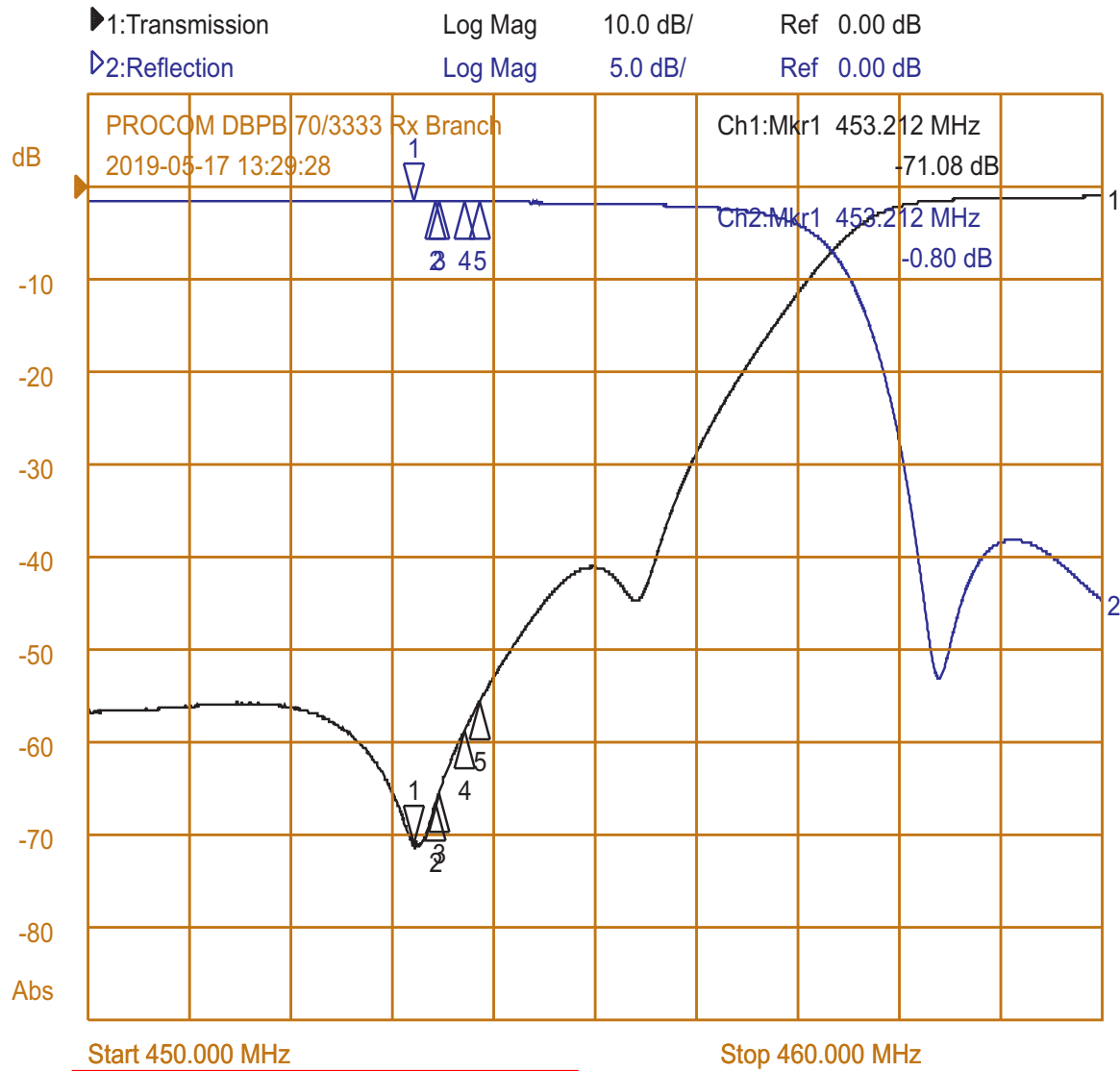
Rx Branch IL and RL/VSWR



RX CHANNEL INSERTION LOSSES		RX CHANNEL RETURN LOSS/VSWR	
1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 458.21	-1.69	1> 458.21	-21.02 VSWR = 1.195:1
2: 458.43	-1.47	2: 458.43	-26.32 VSWR = 1.102:1
3: 458.46	-1.45	3: 458.46	-25.68 VSWR = 1.110:1
4: 458.71	-1.34	4: 458.71	-21.05 VSWR = 1.194:1
5: 458.86	-1.31	5: 458.86	-19.77 VSWR = 1.229:1

PROCOM DMPB 70/3333-Tetra-N-5 Duplexer

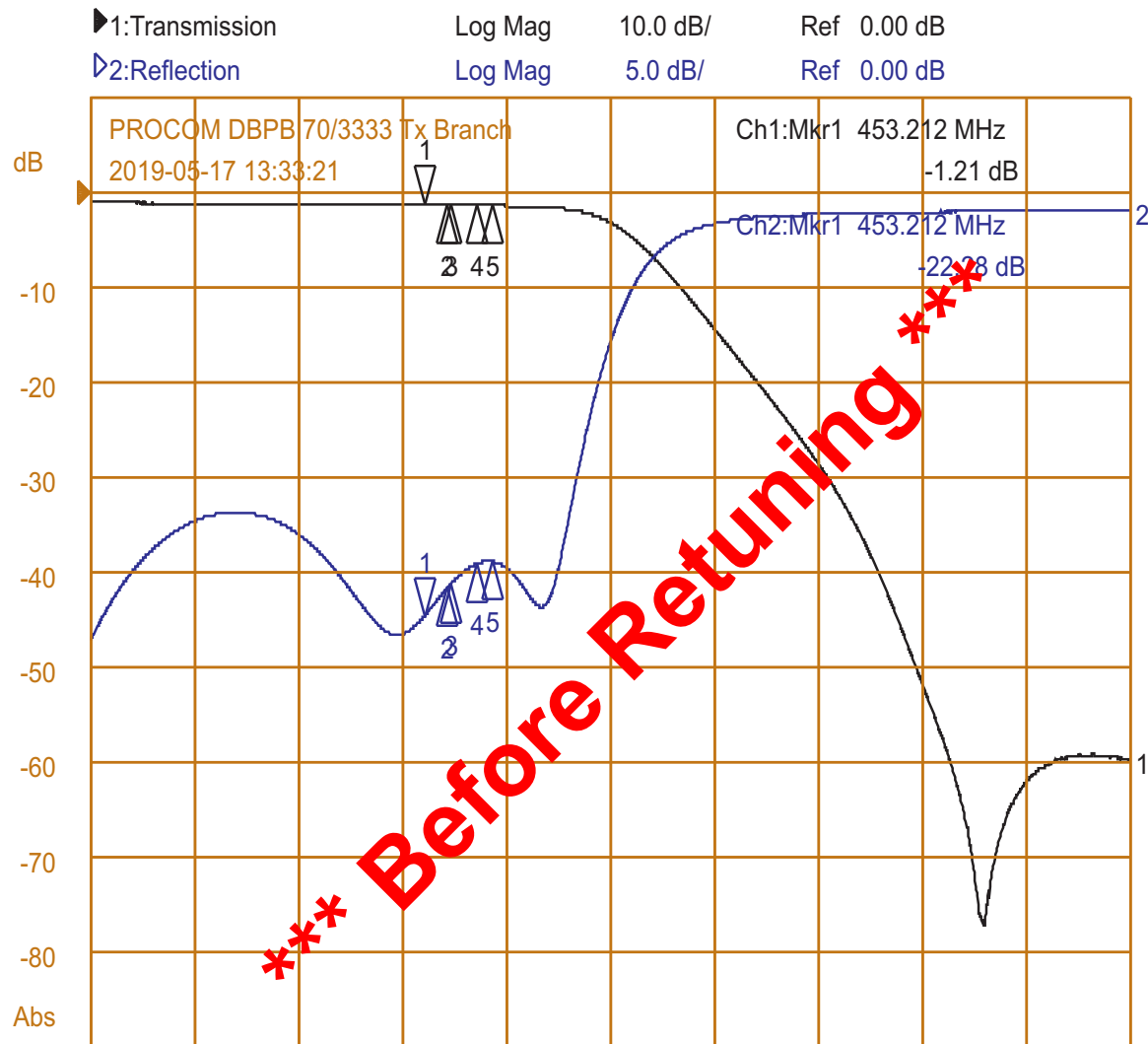
Rx Branch: Isolation/Rejection of Tx Frequencies



TX FREQUENCY REJECTION (dB)					
1:Mkr (MHz)	dB	2:Mkr (MHz)	dB		
1>	453.21	-71.08	1>	453.21	-0.80
2:	453.43	-66.48	2:	453.43	-0.80
3:	453.46	-65.62	3:	453.46	-0.81
4:	453.71	-58.69	4:	453.71	-0.81
5:	453.86	-55.68	5:	453.86	-0.82

PROCOM DMPB 70/3333-Tetra-N-5 Duplexer

Tx Branch IL and RL/VSWR Before Retuning



Start 450.000 MHz

Stop 460.000 MHz

TX CHANNEL INSERTION LOSSES		TX CHANNEL RETURN LOSS/VSWR	
1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 453.21	-1.21	1> 453.21	-22.28 VSWR = 1.167:1
2: 453.43	-1.26	2: 453.43	-20.86 VSWR = 1.199:1
3: 453.46	-1.27	3: 453.46	-20.62 VSWR = 1.205:1
4: 453.71	-1.33	4: 453.71	-19.56 VSWR = 1.235:1
5: 453.86	-1.37	5: 453.86	-19.43 VSWR = 1.239:1

PROCOM DMPB 70/3333-Tetra-N-5 Duplexer

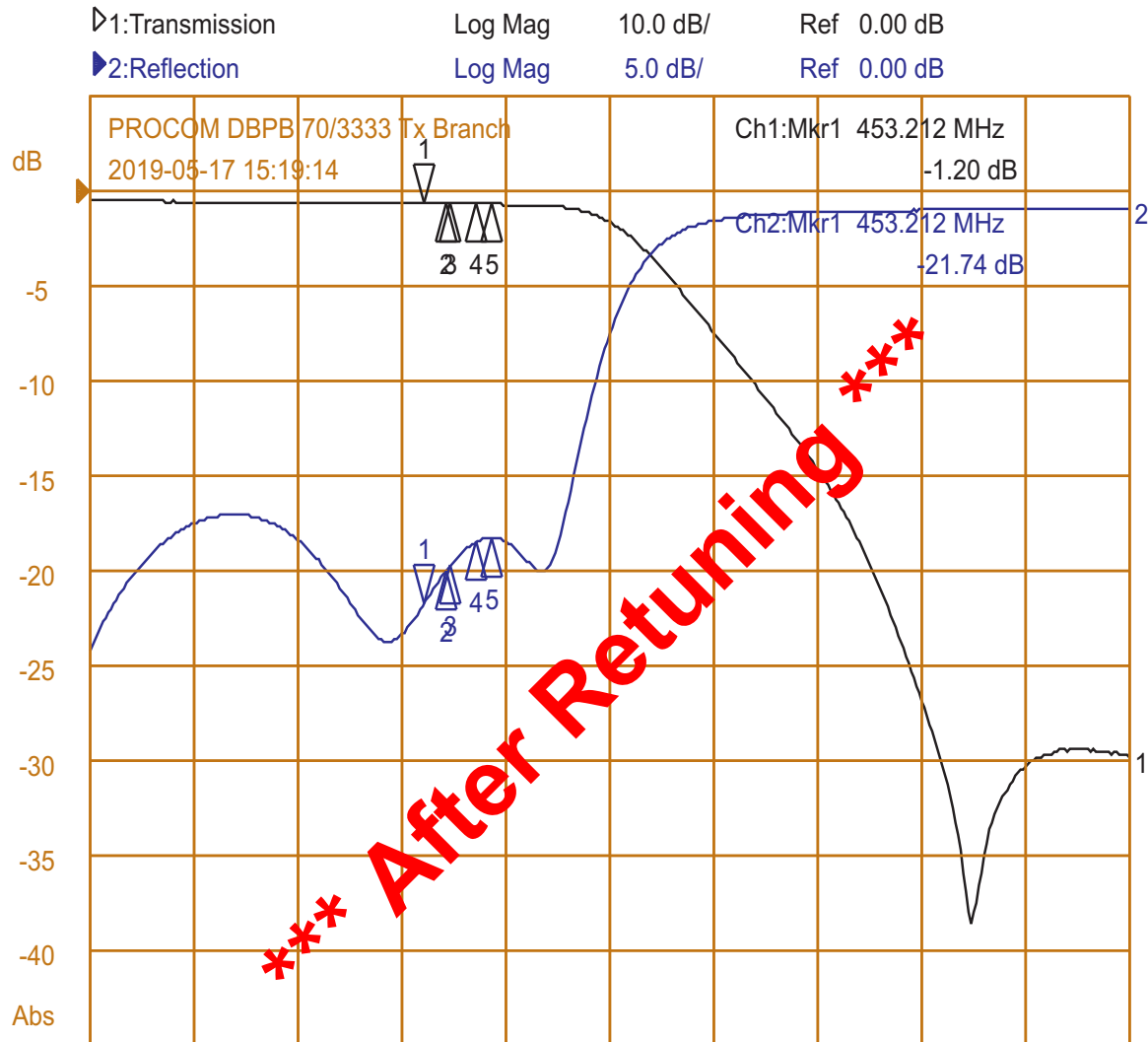
Tx Branch: Isolation/Rejection of Rx Frequencies



RX FREQUENCY REJECTION (dB)			
1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 458.21	-58.18	1> 458.21	-1.02
2: 458.43	-67.04	2: 458.43	-1.00
3: 458.46	-69.17	3: 458.46	-1.00
4: 458.71	-69.67	4: 458.71	-0.99
5: 458.86	-64.35	5: 458.86	-0.98

PROCOM DMPB 70/3333-Tetra-N-5 Duplexer

Tx Branch IL and RL/VSWR After Retuning



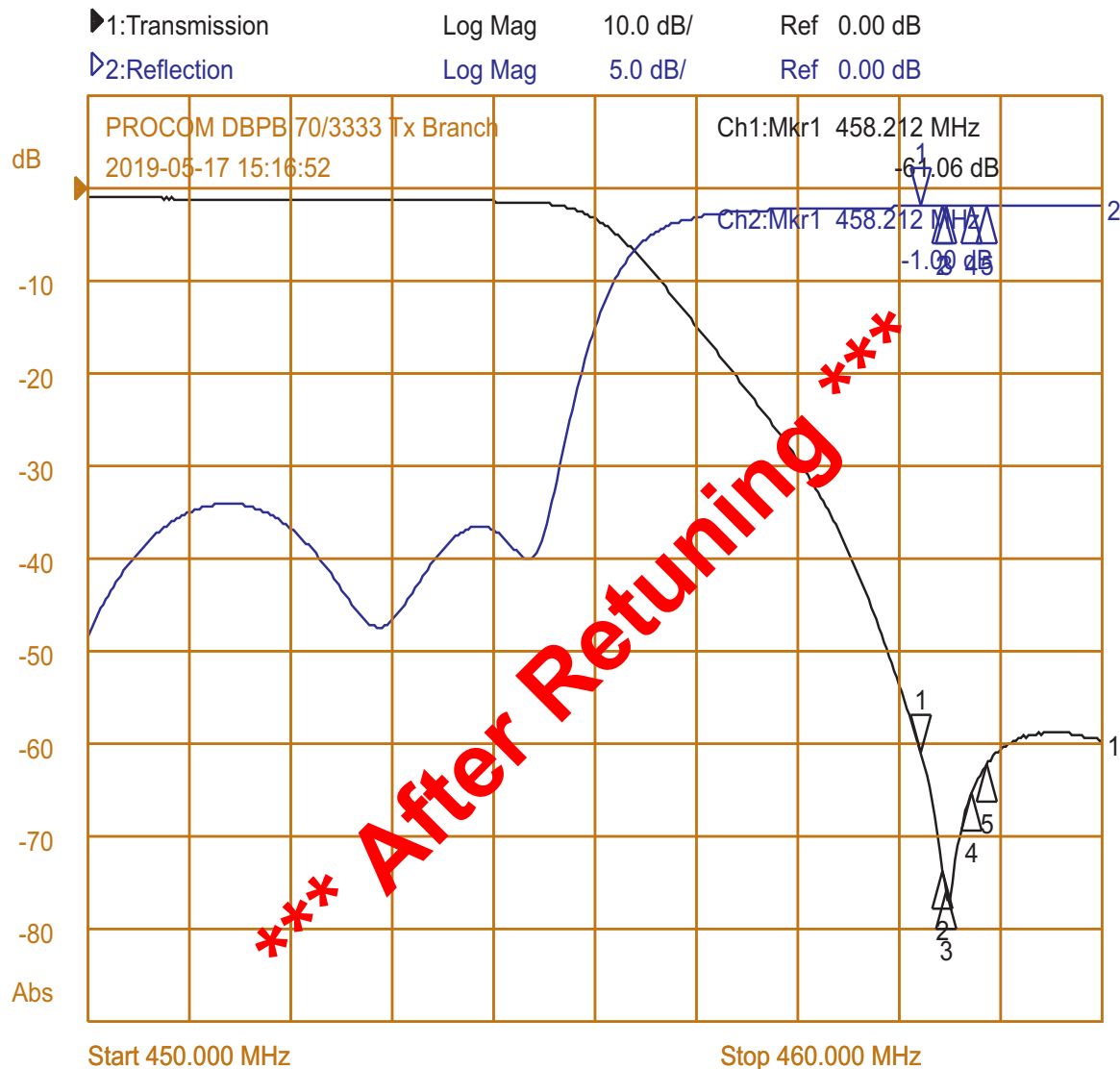
Start 450.000 MHz

Stop 460.000 MHz

TX CHANNEL INSERTION LOSSES		TX CHANNEL RETURN LOSS/VSWR	
1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 453.21	-1.20	1> 453.21	-21.74 VSWR = 1.178:1
2: 453.43	-1.25	2: 453.43	-19.98 VSWR = 1.223:1
3: 453.46	-1.26	3: 453.46	-19.72 VSWR = 1.230:1
4: 453.71	-1.33	4: 453.71	-18.49 VSWR = 1.270:1
5: 453.86	-1.37	5: 453.86	-18.28 VSWR = 1.278:1

PROCOM DMPB 70/3333-Tetra-N-5 Duplexer

Tx Branch: Isolation/Rejection of Rx Frequencies



RX FREQUENCY REJECTION (dB)					
1:Mkr (MHz)	dB	2:Mkr (MHz)	dB		
1>	458.21	-61.06	1>	458.21	-1.00
2:	458.43	-73.75	2:	458.43	-0.98
3:	458.46	-75.91	3:	458.46	-0.98
4:	458.71	-65.25	4:	458.71	-0.97
5:	458.86	-62.22	5:	458.86	-0.97

PROCOM DMPB 70/3333-Tetra-N-5 Duplexer

Service Photos



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