

CryoElec CryoSwitches SP3T, SP4T and SP6T

Summary Data

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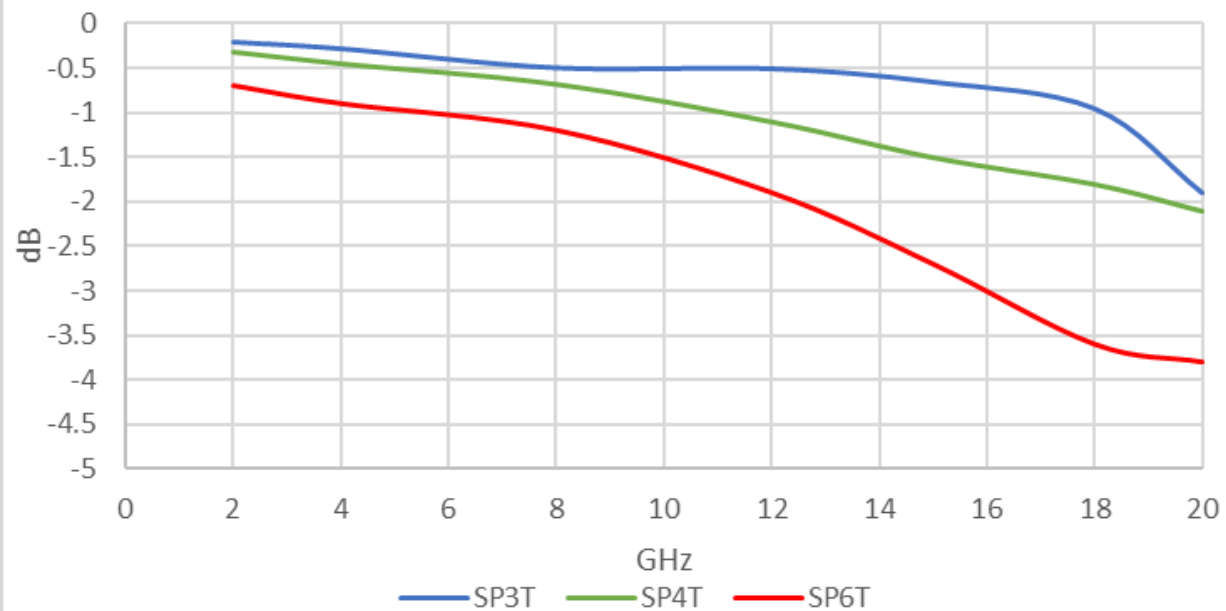
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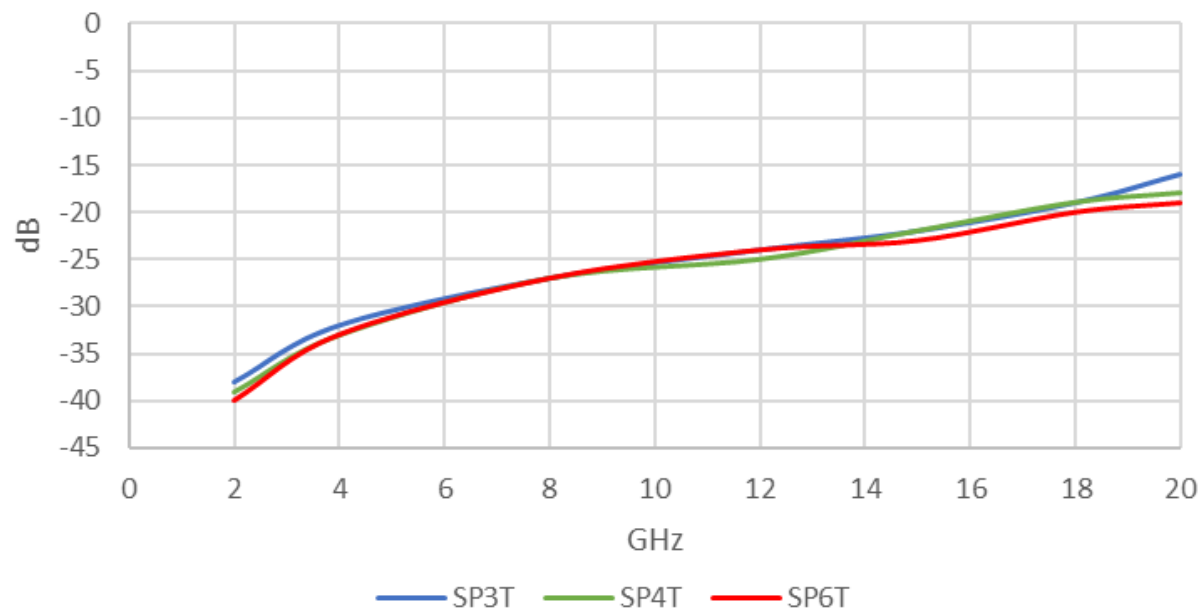
Web: www.CryoElec.com

Freq[GHz]	Insertion Loss[dB]			Cross Talk/ Isolation[dB]		
	SP3T	SP4T	SP6T	SP3T	SP4T	SP6T
2	-0.2	-0.32	-0.7	-38	-39	-40
4	-0.275	-0.45	-0.9	-32	-33	-33
8	-0.49	-0.68	-1.2	-27	-27	-27
12	-0.5	-1.1	-1.9	-24	-25	-24
15	-0.65	-1.5	-2.7	-22	-22	-23
18	-0.95	-1.8	-3.6	-19	-19	-20
20	-1.9	-2.1	-3.8	-16	-18	-19

Insertion Loss @ 15Kelvin

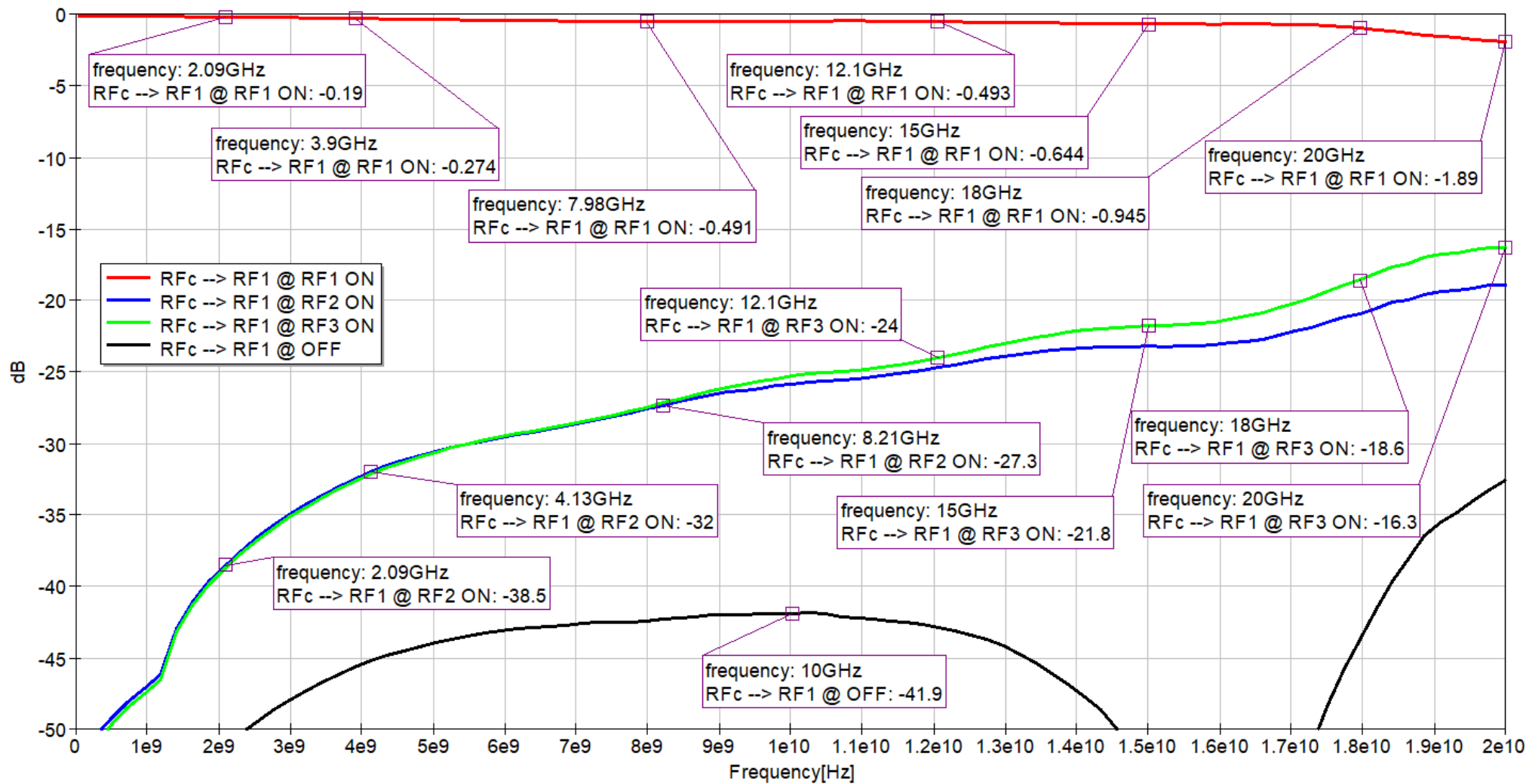


Adjacent Channel Isolation @ 15 Kelvin



SP3T: Insertion Loss and Isolation Data at 15 Kelvin

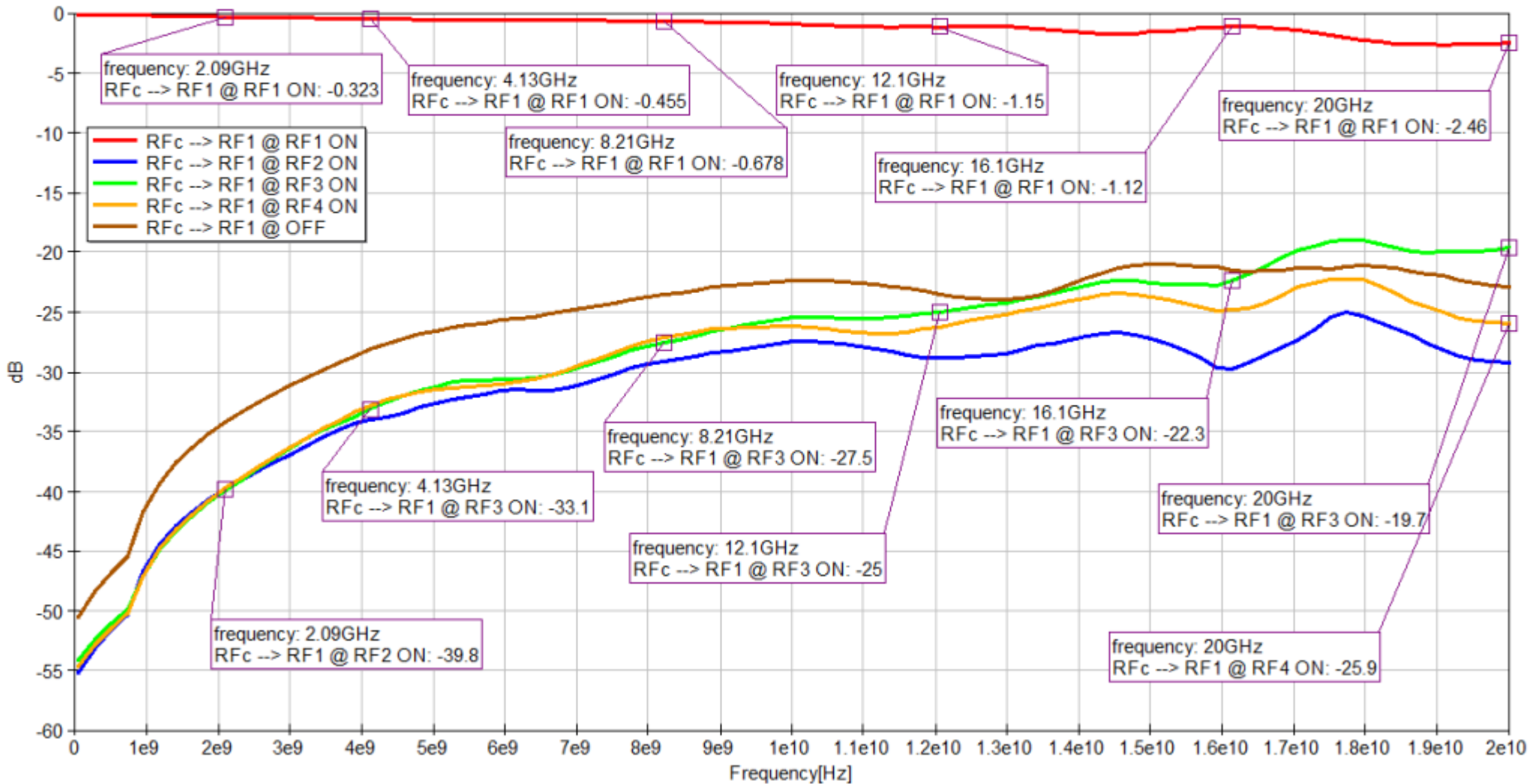
CryoElec SP3T CryoSwitch SN#18 Insertion Loss @ 15 Kelvin
 Transmission: RFc --> RF1 @ RFn ON n={1,2,3}



Red: Insertion Loss
Blue: Isolation: Adjacent Channels
Green: Isolation: Non Adjacent Channels
Black: Isolation: OFF

SP4T: Insertion Loss and Isolation Data at 15 Kelvin

CryoElec SP4T CryoSwitch SN#02 Insertion Loss @ 15 Kelvin
 Transmission: RFc --> RF1 @ RFn ON n={1,2,3,4}

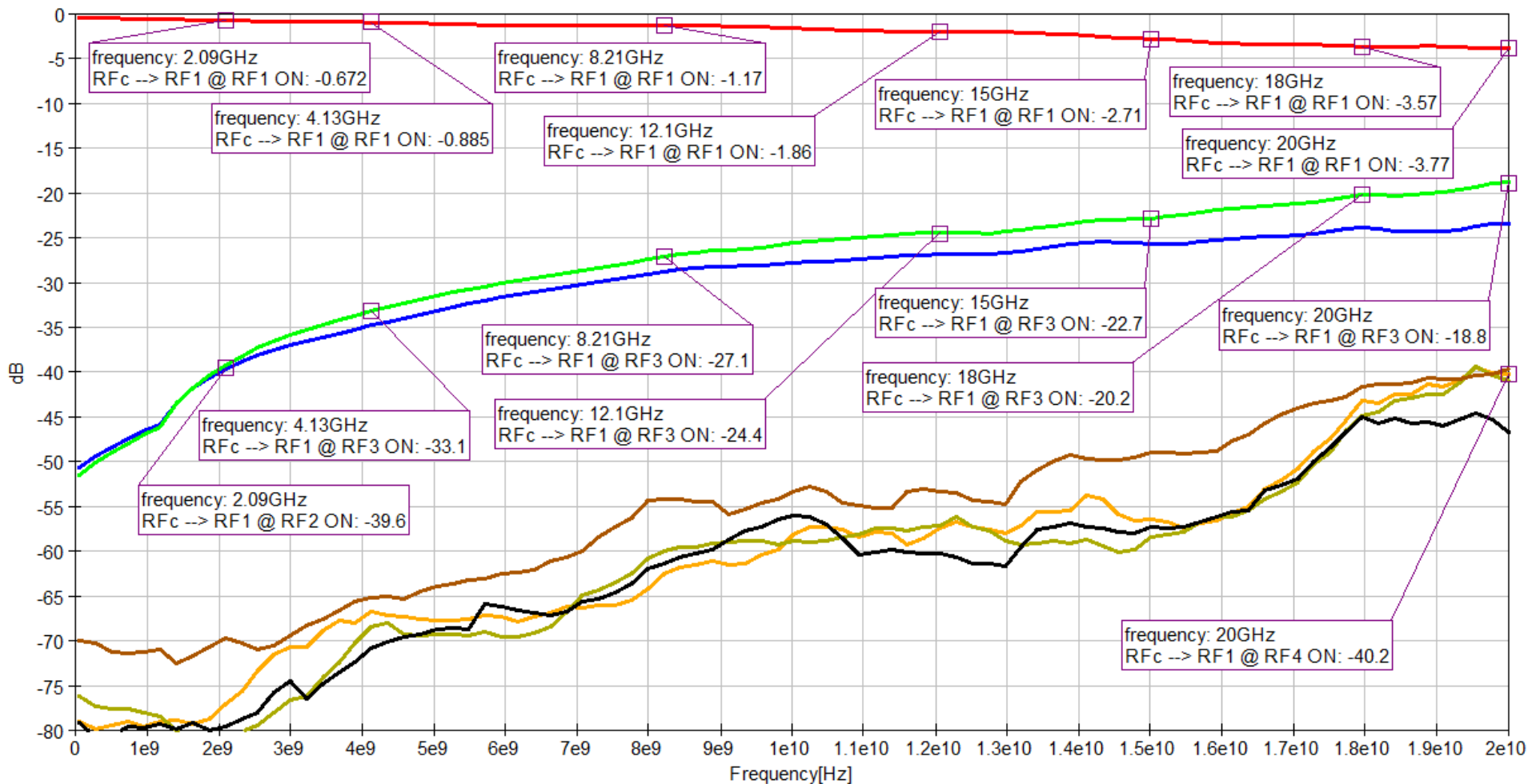


Red: Insertion Loss
Blue: Isolation: Adjacent Channels
Green: Isolation: Non Adjacent Channels

SP6T: Insertion Loss and Isolation Data at 15 Kelvin

- RfC --> Rf1 @ Rf1 ON
- RfC --> Rf1 @ Rf2 ON
- RfC --> Rf1 @ Rf3 ON
- RfC --> Rf1 @ Rf4 ON
- RfC --> Rf1 @ Rf5 ON
- RfC --> Rf1 @ Rf6 ON
- RfC --> Rf1 @ OFF

CryoElec SP6T CryoSwitch SN#07 Insertion Loss @ 15 Kelvin
 Transmission: RfC --> Rf1 @ Rfn ON n={1,2,...,6}



Red: Insertion Loss
Blue: Adjacent Channels isolation
Green: Non Adjacent Channels isolation



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