



WILDER
TECHNOLOGIES

It's all about integrity

OSFP 112G Typical HCB, MCB MTF Response (IEEE 802.3CK 1.4)

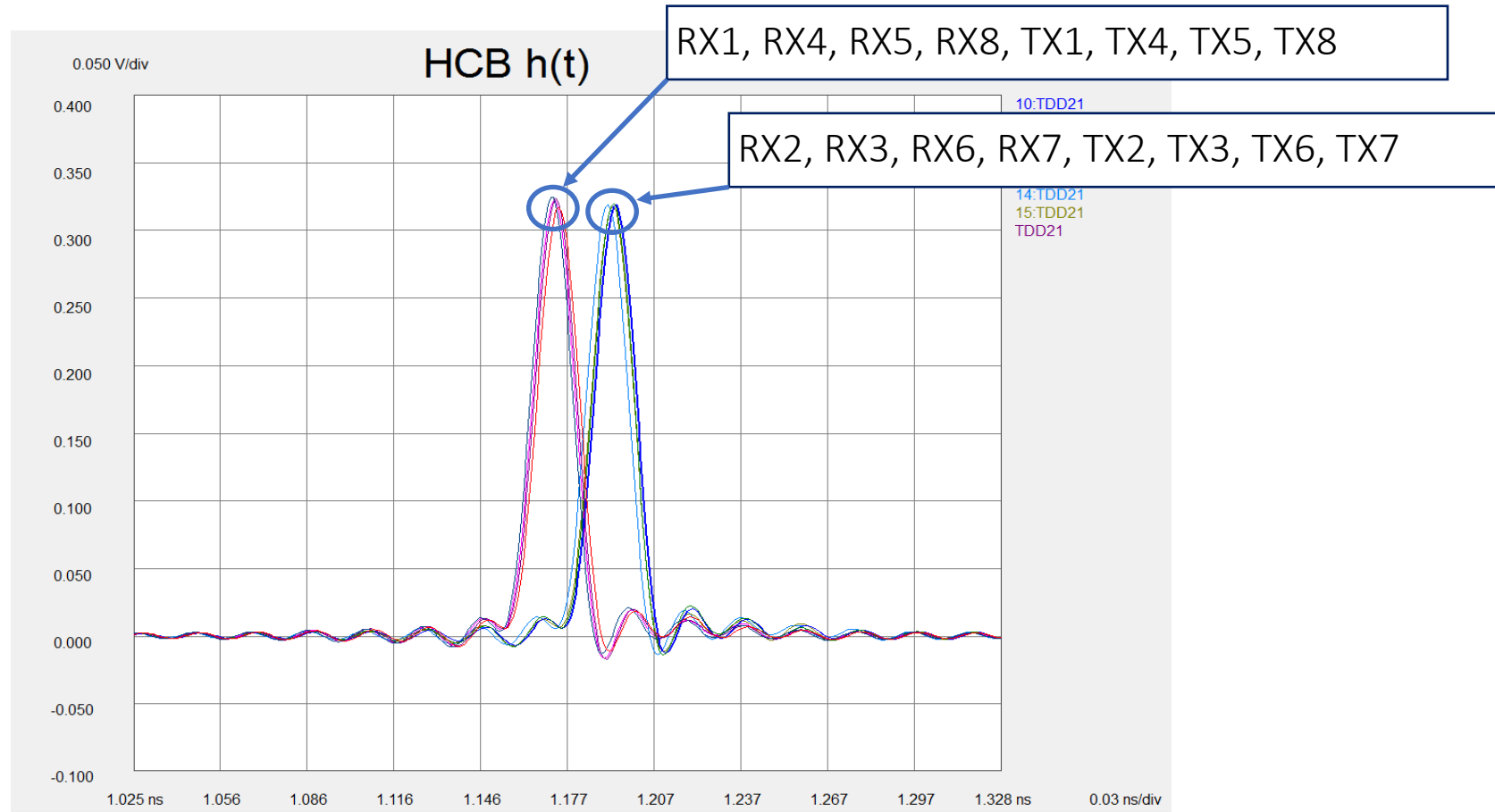
29th January, 2021

Ray Schmelzer, Sr. Electrical Engineer

Wilder 112G OSFP HCB (REV1)

OSFP HCB channel details:

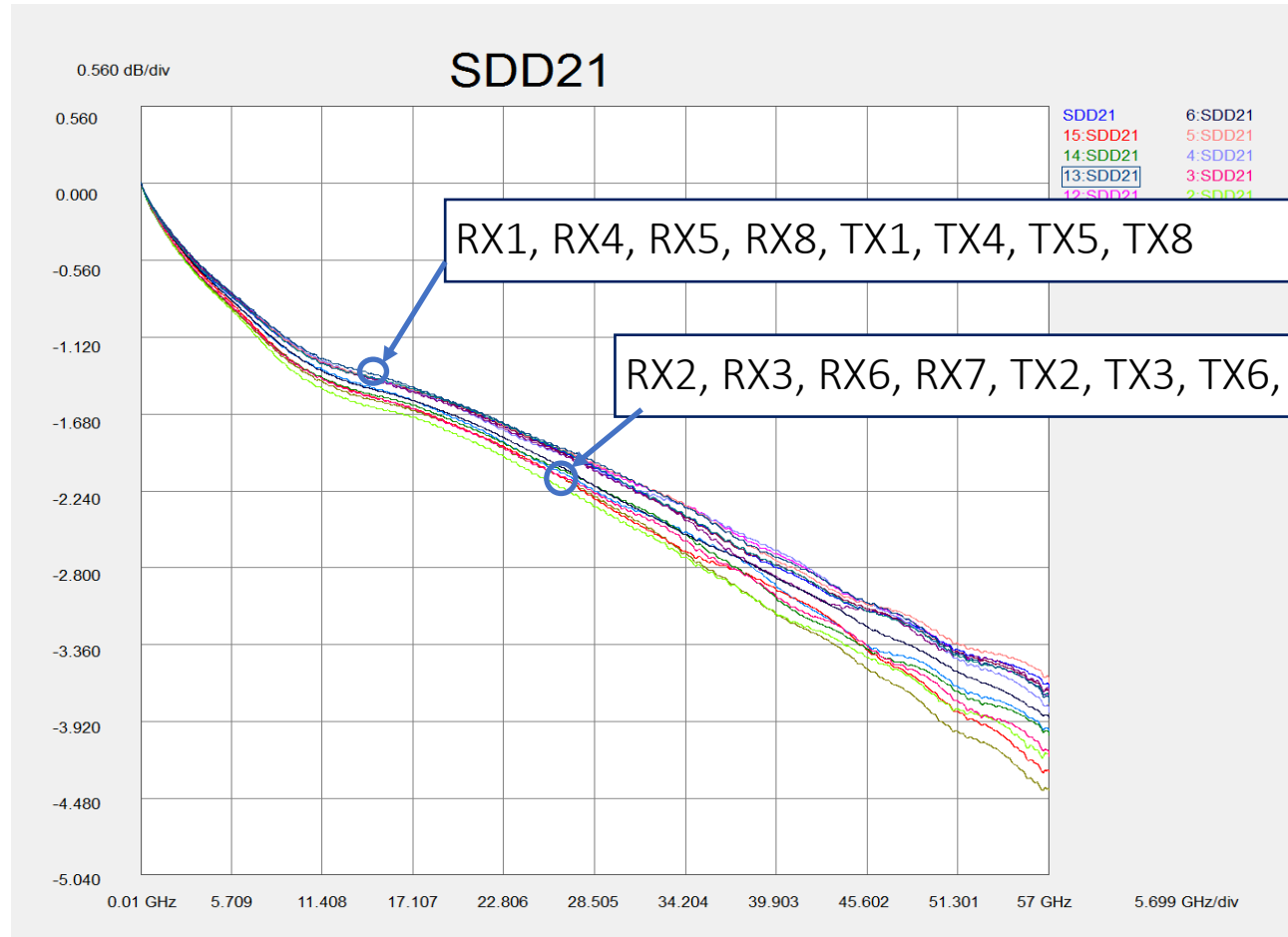
- 2 channel delays and losses as shown by impulse response of HCB with no mating connection.



Wilder 112G OSFP HCB (REV1)

OSFP HCB channel details:

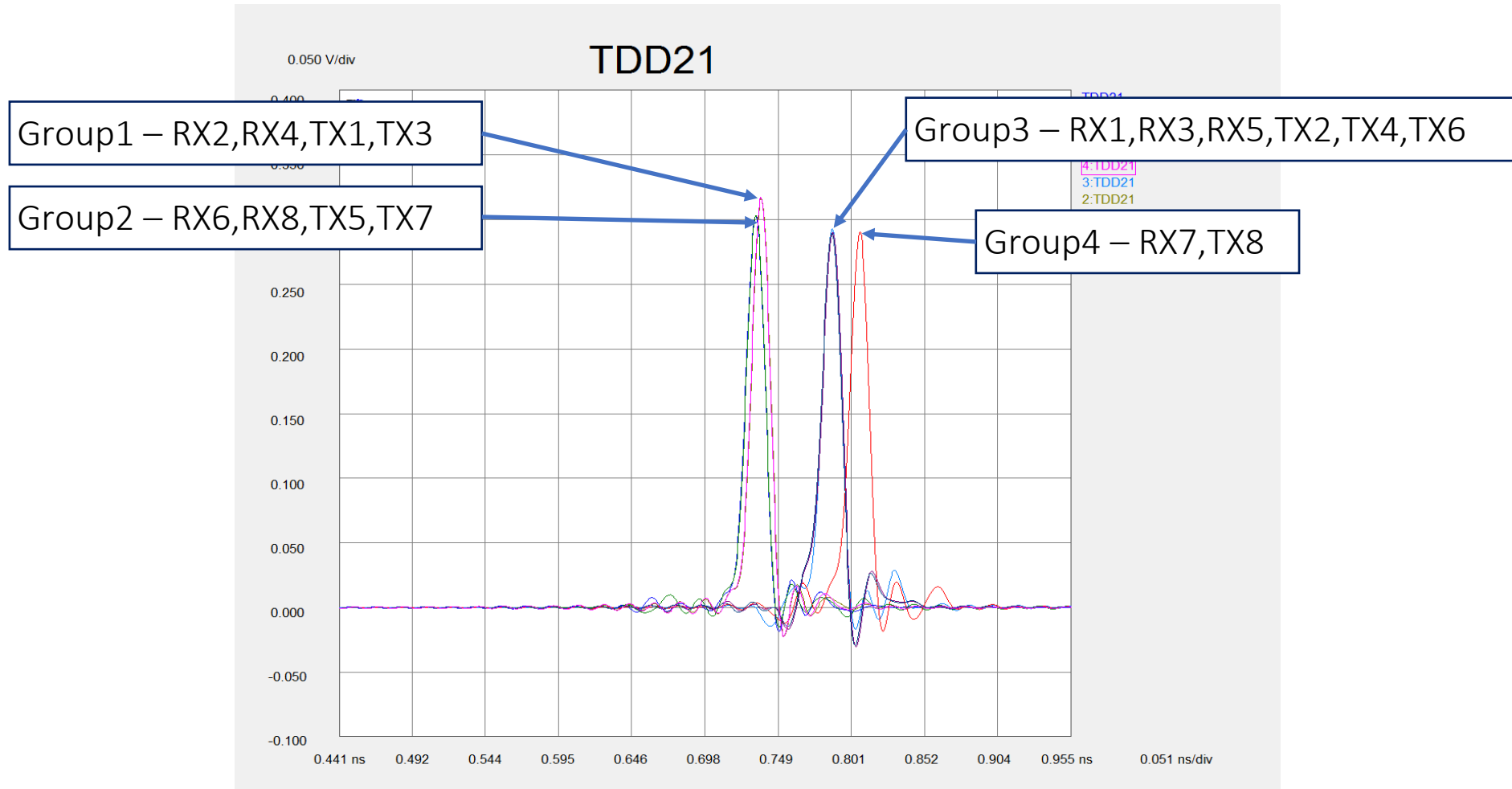
- 2 channel delays and losses as shown by Insertion Loss response of HCB with no mating connection.



Wilder 112G OSFP MCB

OSFP MCB channel details:

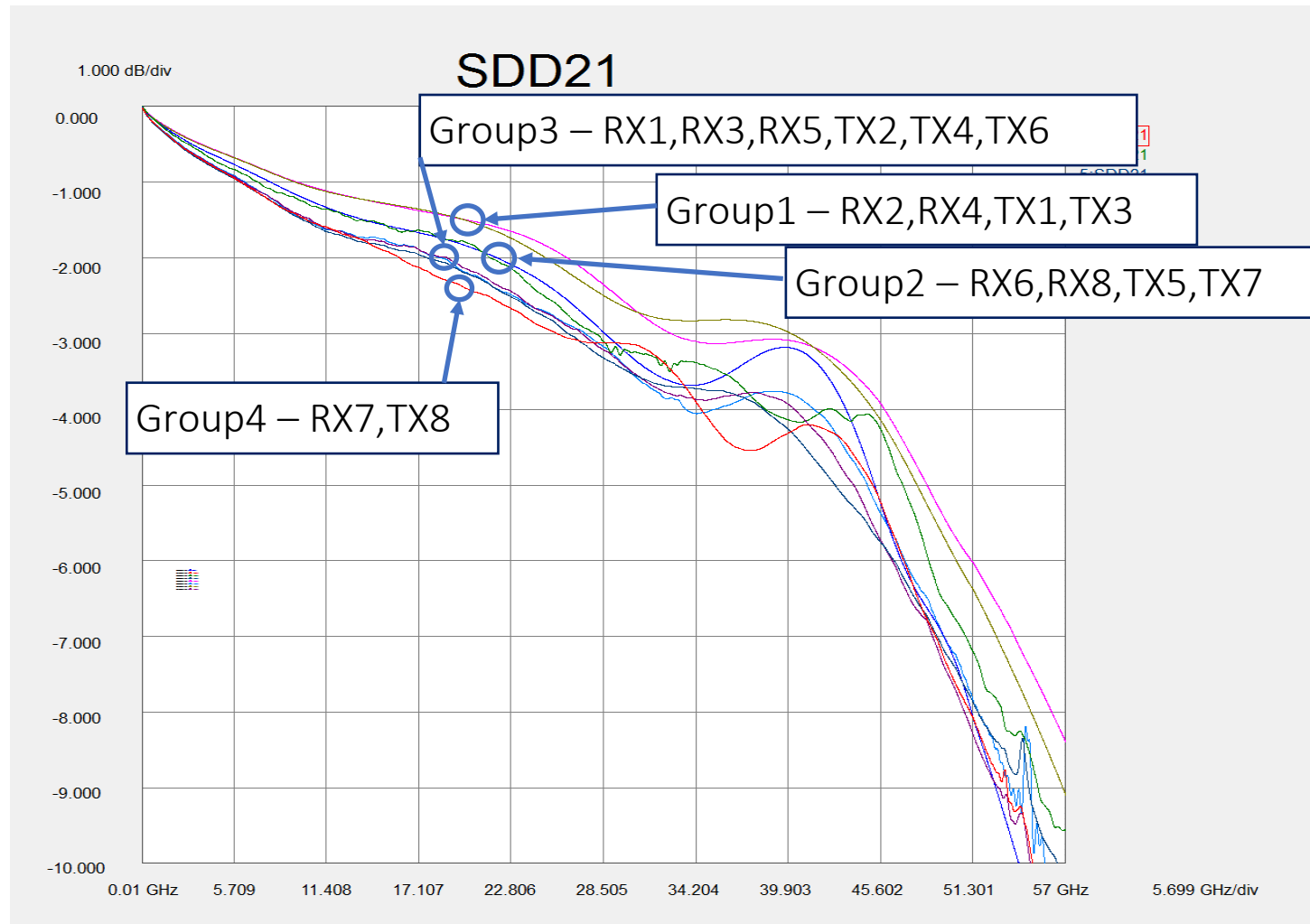
- 4 channel delays and losses as shown by impulse response of MCB with no mating connection.



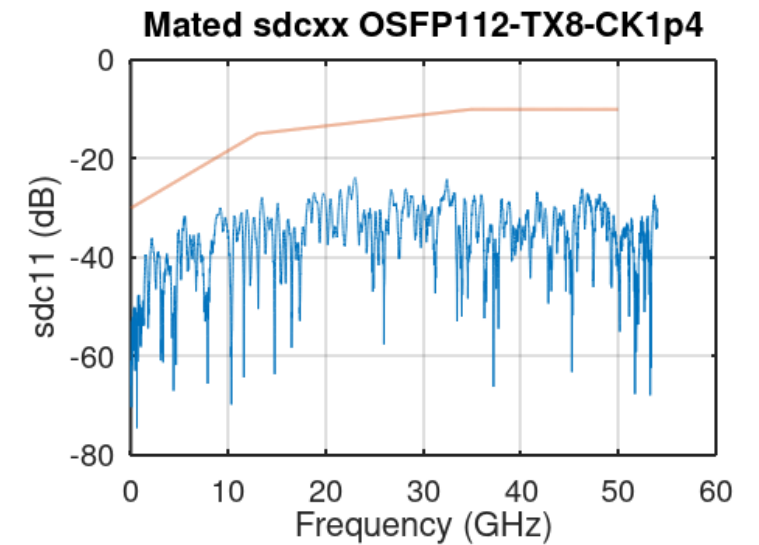
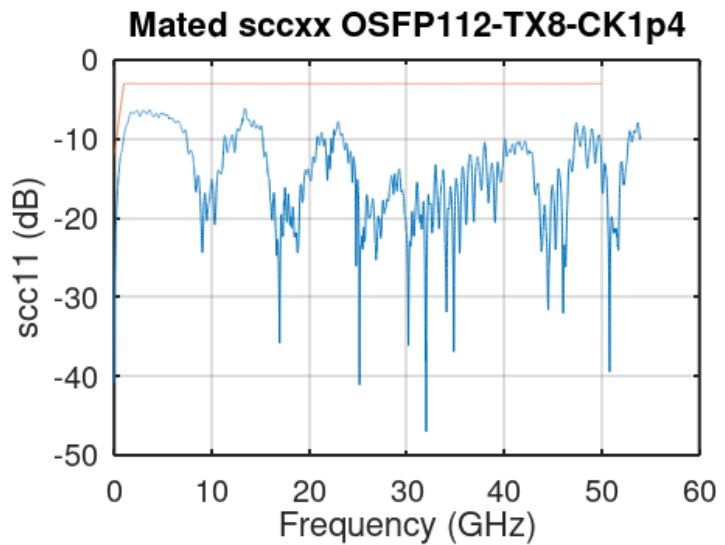
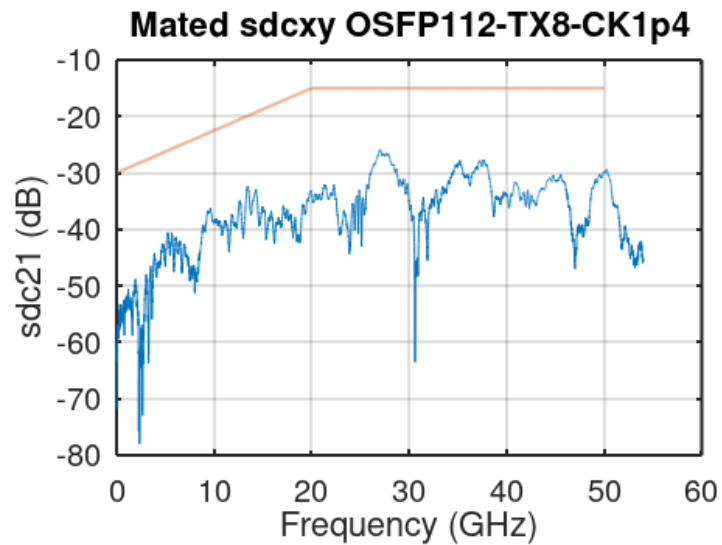
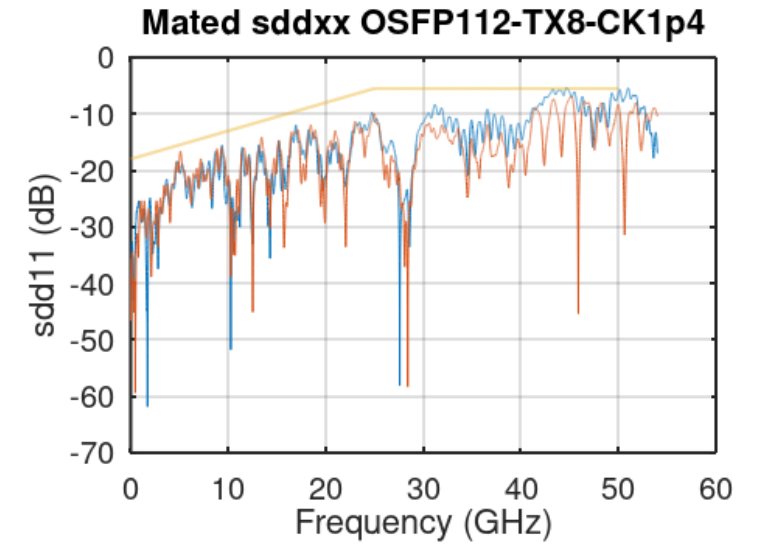
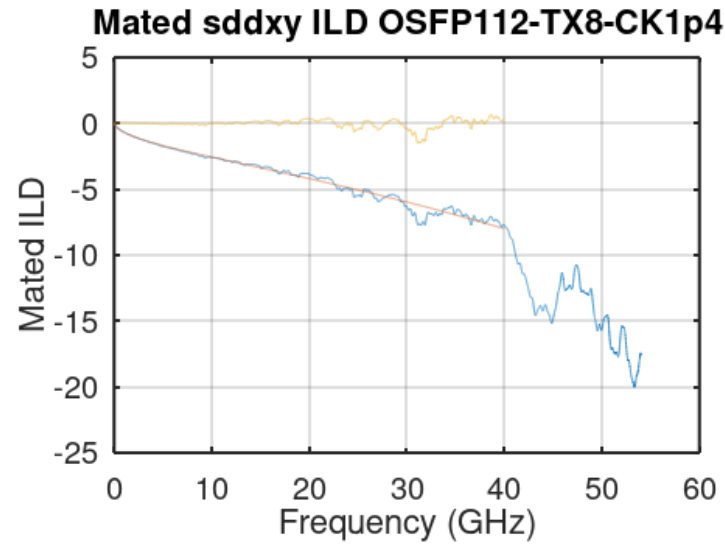
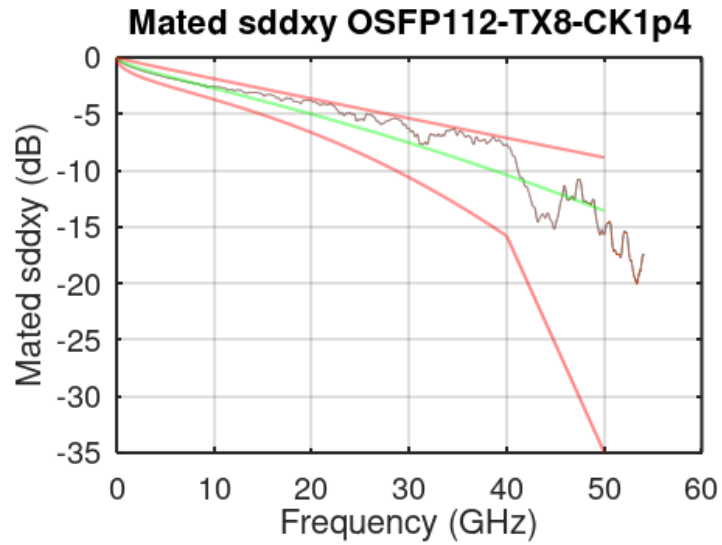
Wilder 112G OSFP MCB

OSFP MCB channel details:

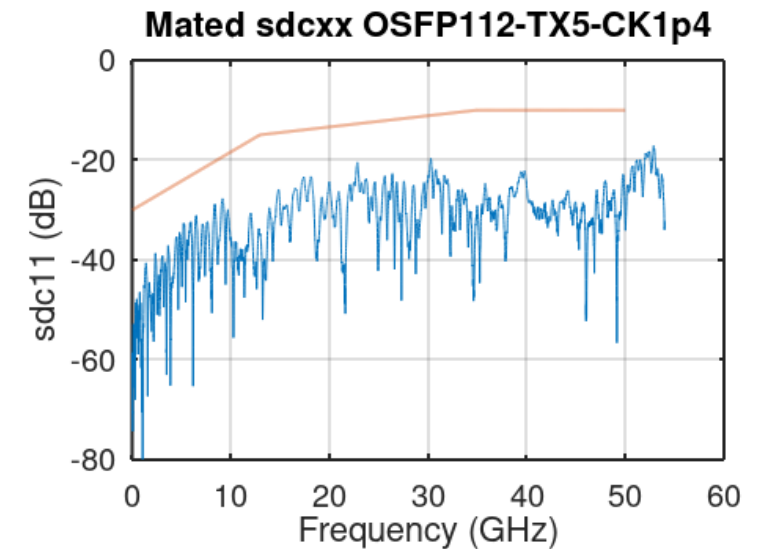
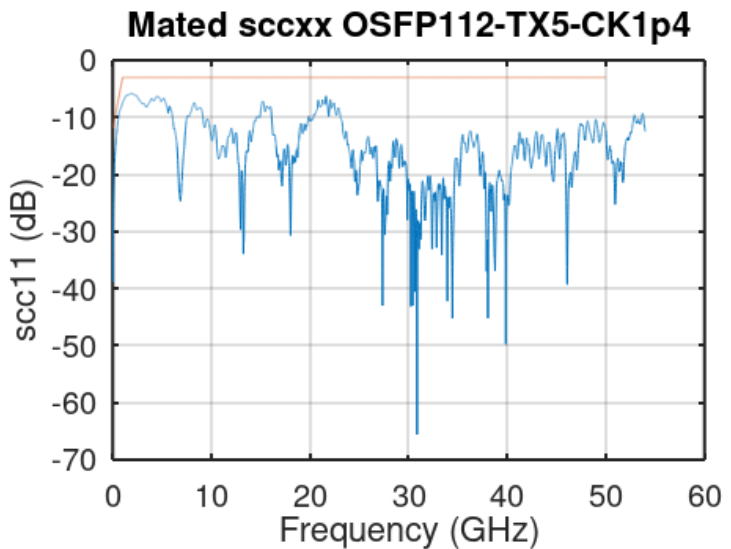
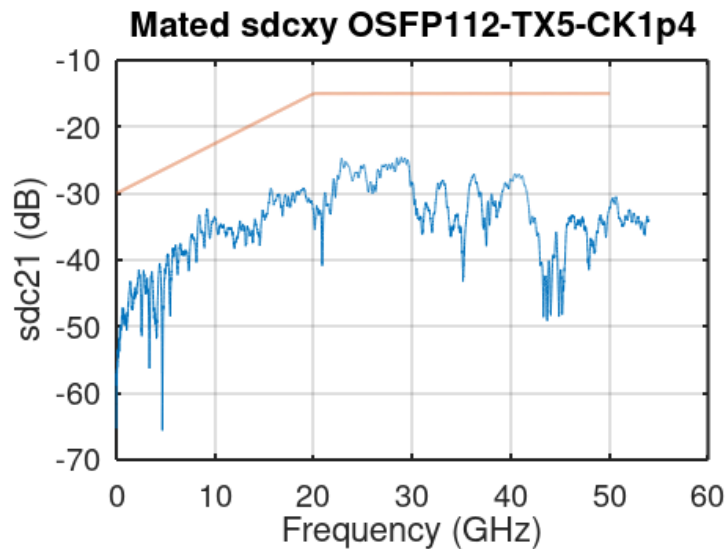
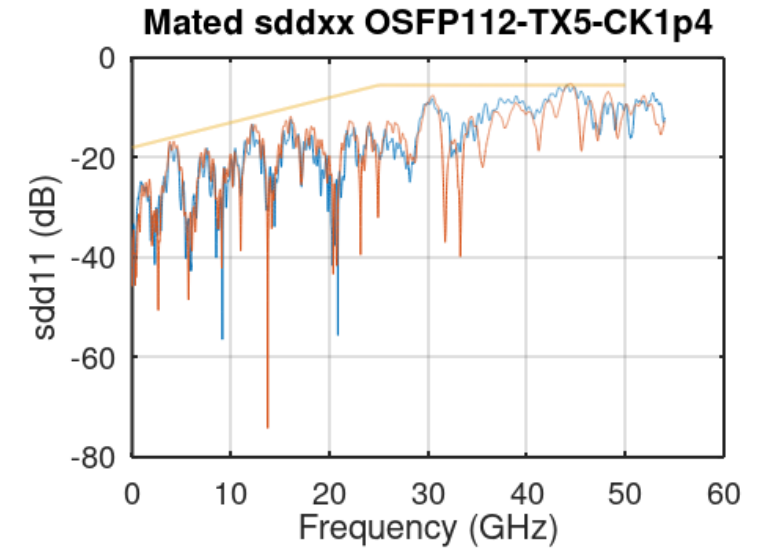
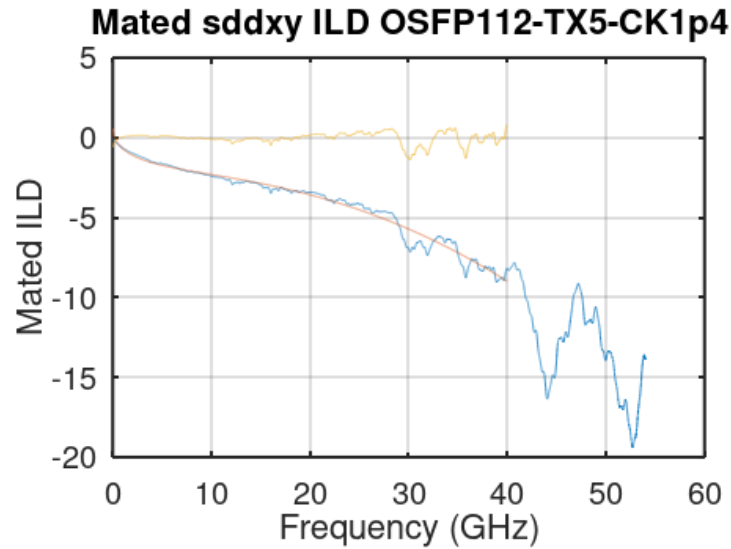
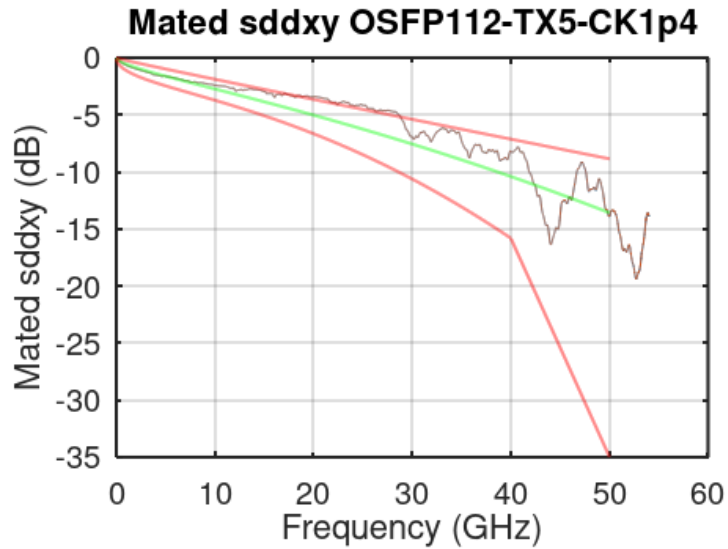
- 4 channel delays and losses as shown by Insertion Loss of MCB with no mating connection.



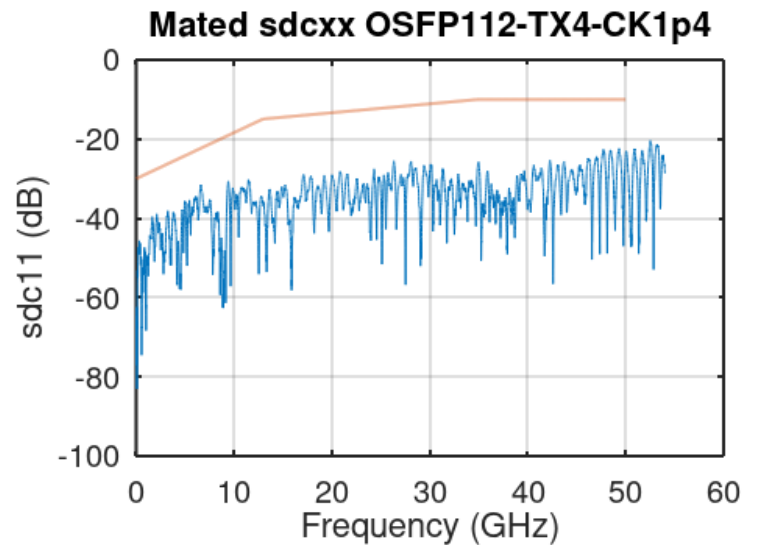
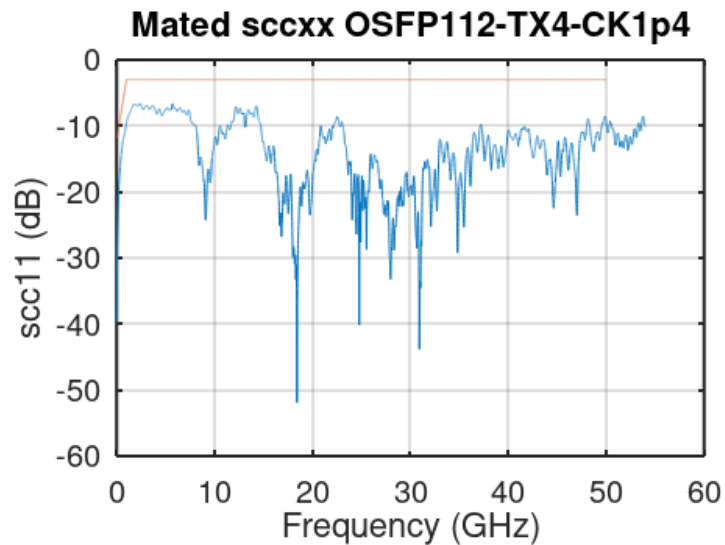
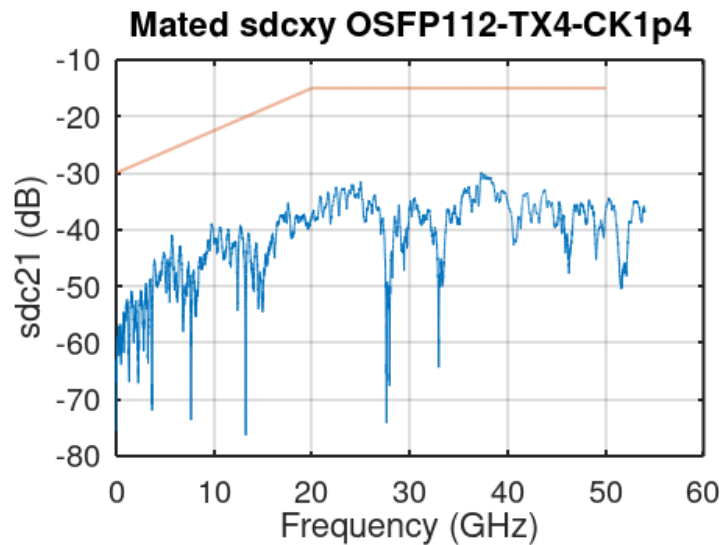
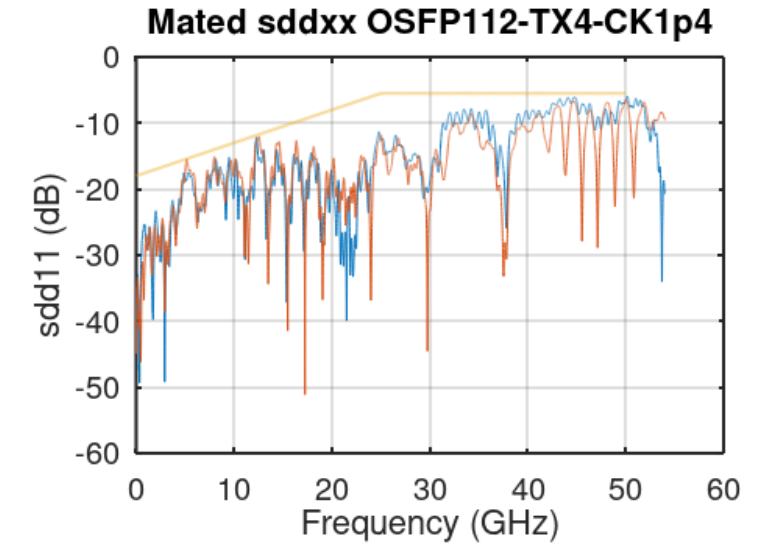
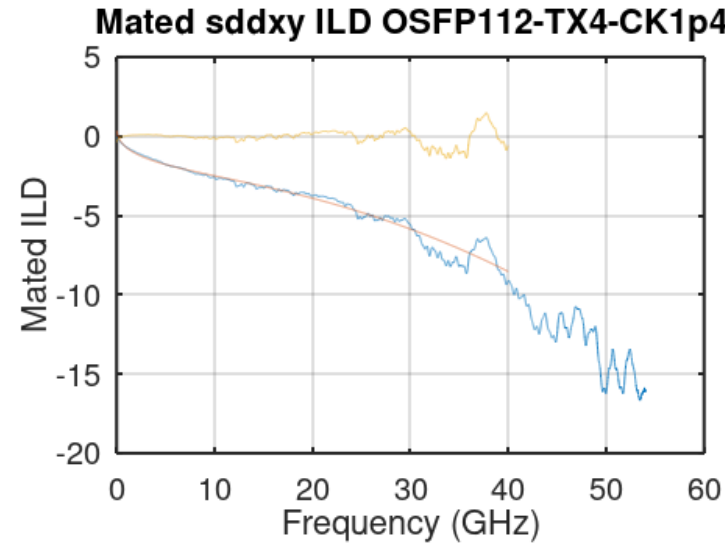
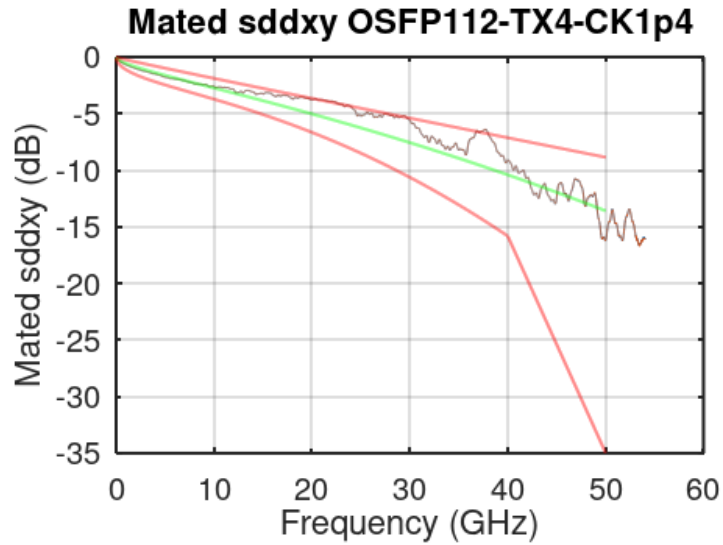
Typical RX7, TX8 MTF Compared To CK1p4



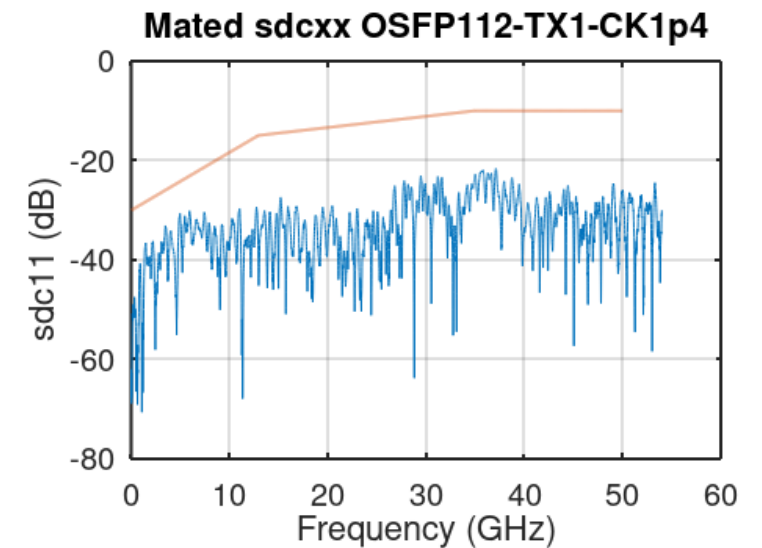
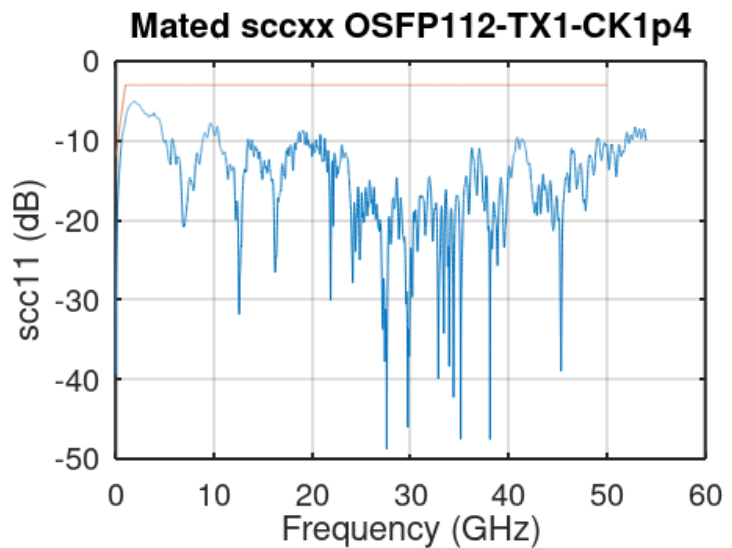
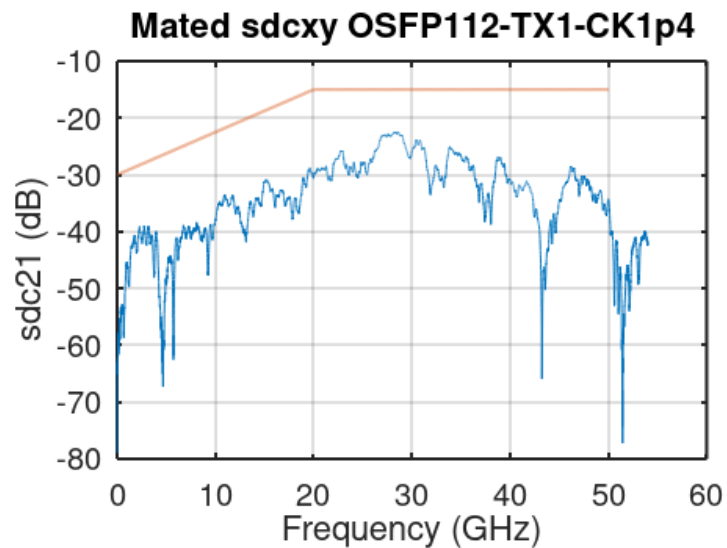
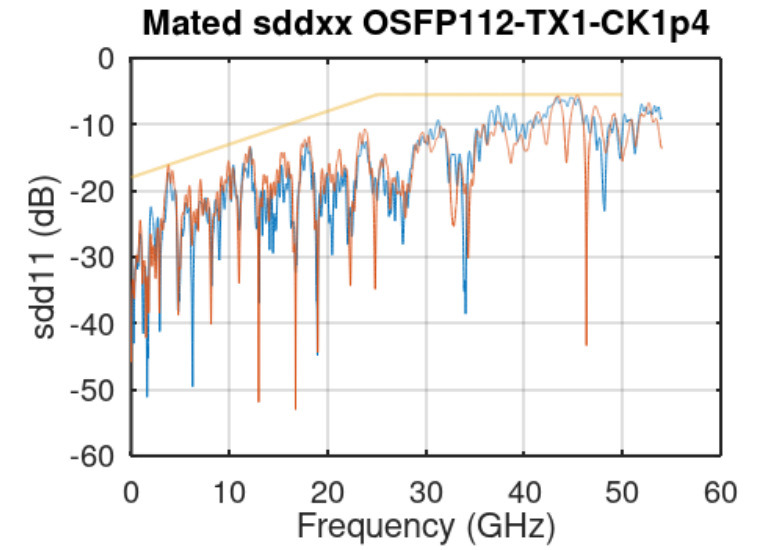
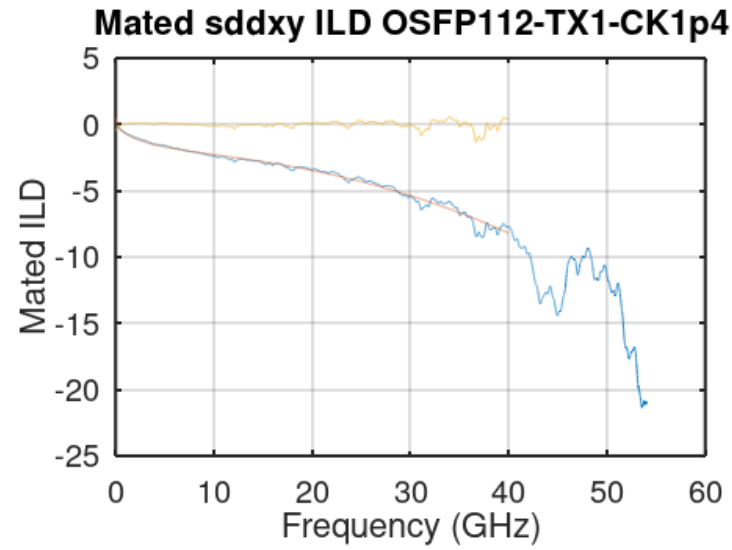
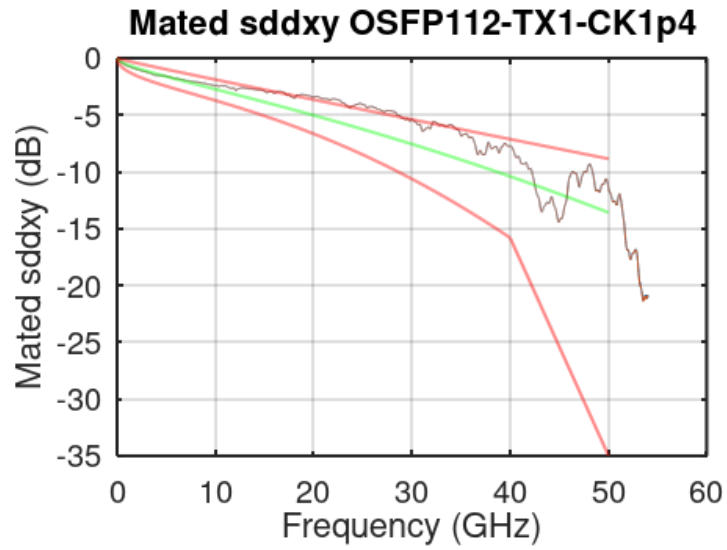
Typical RX8, RX6, TX5, TX7 MTF Compared To CK1p4



Typical RX5, RX3, RX1, TX2, TX4, TX6 MTF Compared To CK1p4



Typical RX4, RX2, TX3, TX1 MTF Compared To CK1p4





WILDER
TECHNOLOGIES

It's all about integrity

Thank You