

Using cal data from the file "leda.cable.cal.18may.lab.tong" (it is for 10-110 MHz, and was interpolated to original VNA frequencies 20-120 MHz).

1. 256B: measurements from 18may09/256b/b.6b ("m1", "m2", "m3") and 18may10/256b/c.6b ("m1", "m2", "m3", "m4", "m5", "m6", "m7", "m8", "m9"). I used "bottom" for calibration.
errors: 1/2 peak-to-peak
2. 256A: from 18may09/256a/b.6a. ("m1", "m2", "m3") and 256a/c.6a. ("m1", "m2", "m3", "m4", "m5", "m6", "m7", "m8", "m9", "m10")
errors: 1/2 peak-to-peak
3. 18may26/252a/2a. ("m.1", "m.2"), 18may09/252a/b.2a. ("m1", "m2", "m3"), 18may10/252a/c.2a. ("m1", "m2", "m3", "m4", "m5", "m6", "m7", "m8", "m9", "m10")
errors: 1/2 peak-to-peak
4. 18may27/252b/2b. ("m.1", "m.2", "m.4", "m.5", "m.6", "m.7"), 18may09/252b/b.2b. ("m1", "m2", "m3"), 18may10/252b/c.2b. ("m1", "m2", "m3", "m4", "m5", "m6", "m7", "m8", "m9", "m10")
errors: 1/2 peak-to-peak
5. 18may27/255a/5a. ("m.1", "m.2", "m.4"), 18may09/255a/b.5a. ("m1", "m2", "m3"), 18may10/255a/c.5a. ("m1", "m2", "m3", "m4", "m5", "m6", "m7", "m8", "m9")
errors: 1/2 peak-to-peak
6. 18may27/255b/5b. ("m.1", "m.2", "m.3", "m.5"), 18may09/255b/b.5b. ("m1", "m2", "m3"), 18may10/255b/c.5b. ("m1", "m2", "m3", "m4", "m5", "m6"),
errors: 1/2 peak-to-peak
7. 18may26/254a/4a ("m.1", "m.2", "m.3"),
errors: std
8. 18may26/254b/4b. ("m.1-2", "m.2", "m.3"),
errors: std

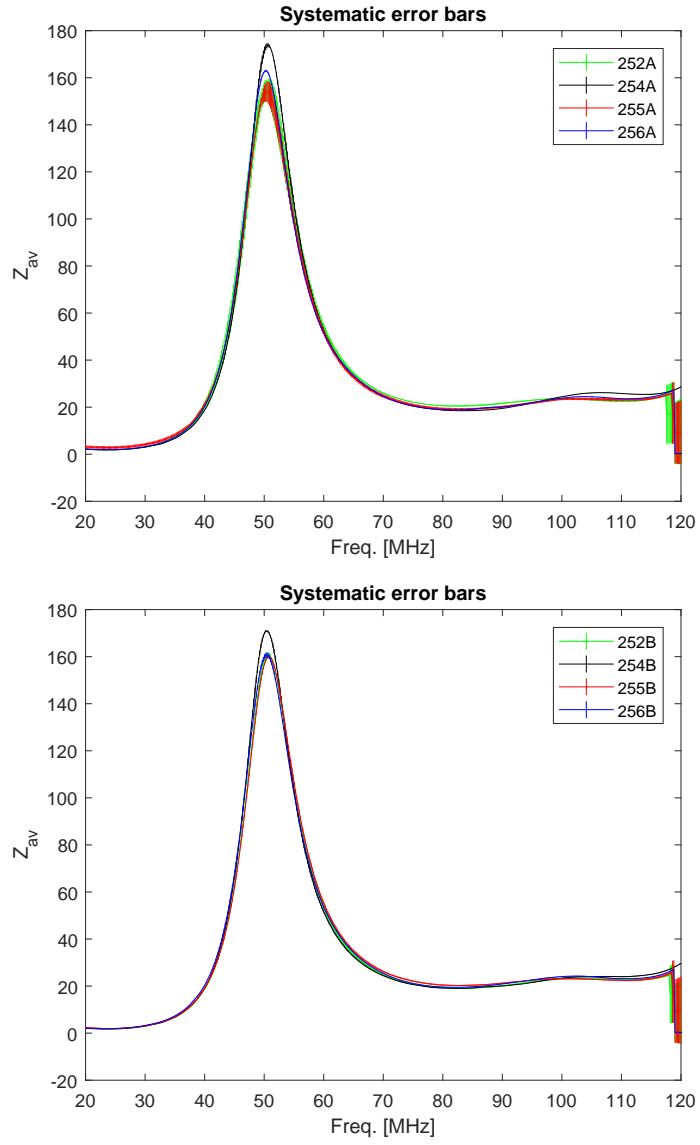


Figure 1: Mean Z with systematic errors.

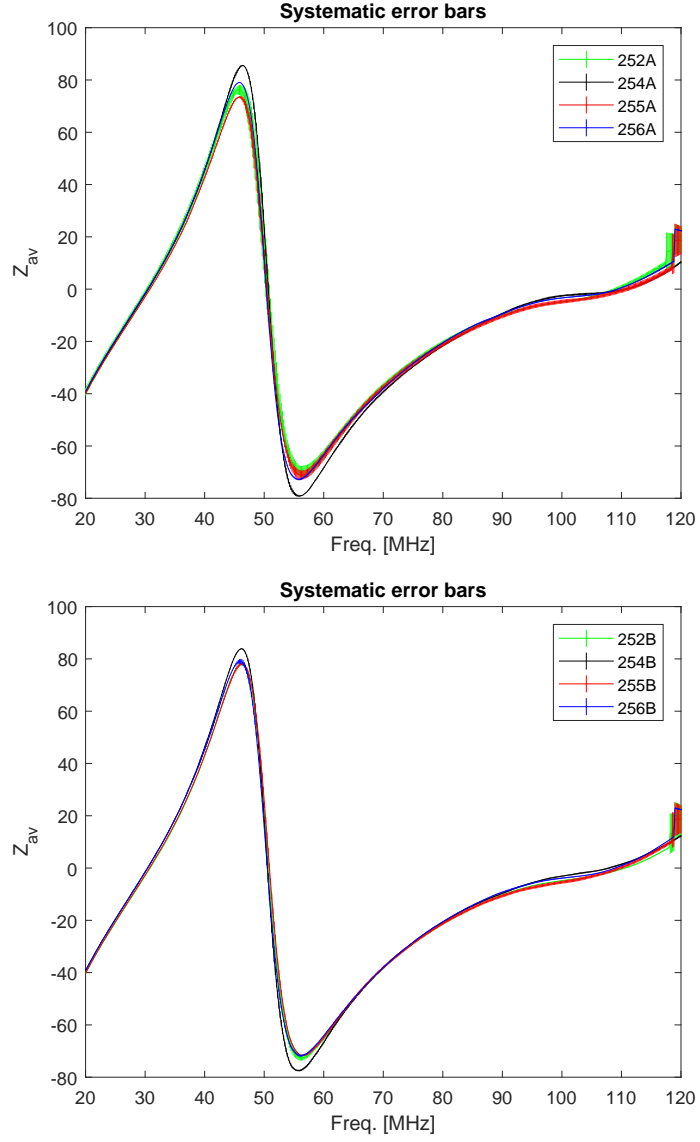


Figure 2: Mean Z with systematic errors.