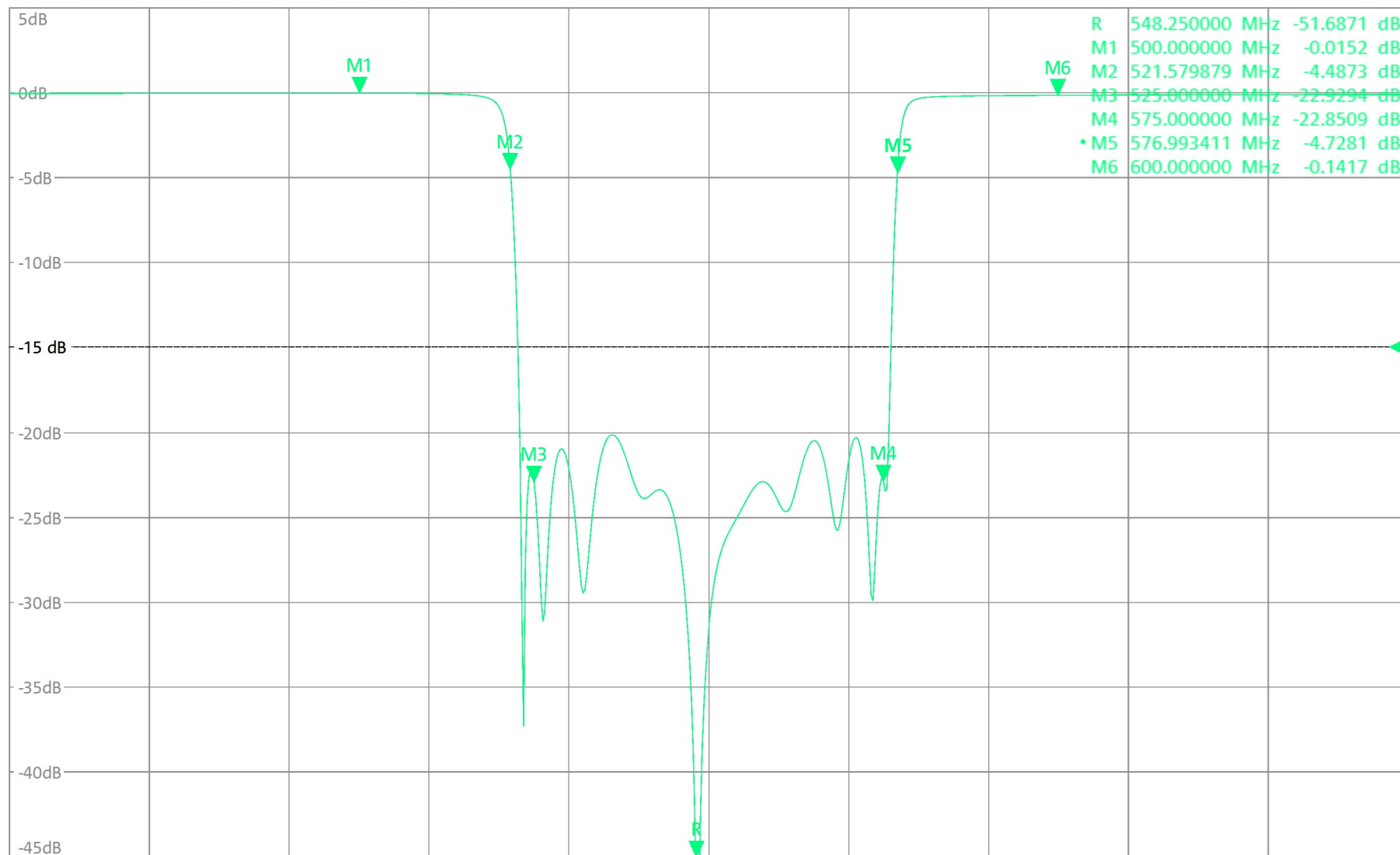


Trc3 — S11 dB Mag 5 dB/ Ref -15 dB Cal

2



Ch1 Start 450 MHz

Pwr 0 dBm Bw 100 Hz UOSM P1,P2

Stop 650 MHz

Link to [Common Settings](#)

Link to Channel: [Ch1](#)

Links to Traces: [Trc1](#) , [Trc2](#) , [Trc3](#) , [Trc4](#)

Link to [Instrument Information](#) [All Sets](#) [Calibration Pool](#) [Connectivity](#)

Set Information

Common Settings

Reference Frequency: Internal

Channel Ch1

Continuous Linear Frequency Sweep, 801 points

Channel Base Frequency (fb): 450 MHz ... 650 MHz

Channel Base Power (Pb): 0 dBm

Sweep Time: 16.66 s (Auto)

Wideband/Narrowband IF Gain: 0 dB

Free Running Trigger

Measurement Bandwidth: 100 Hz, Normal Selectivity

System Error Correction Active

User Correction Data

System Error Correction, UTC 5/14/2024, 6:26:46 PM (Local 1:26:46 PM)

Frequency 450 MHz ... 650 MHz

801 Points in Linear Grid, 100 Hz Meas Bw

Frequency Shifted Parallel Measurement not active.

Frequency Sweep Mode 'Stepped' used.

Receiver Step Attenuator Settings: b1: 10 dB, b2: 10 dB

UOSM Calibration for Ports 1 and 2

Measured with Calibration Unit - Data for repeating the calibration available

No Power Correction Data Available

No Noise Figure Correction Data Available

Channel used by Traces: [Trc1](#) , [Trc2](#) , [Trc3](#) , [Trc4](#)

Port Configuration

Port 1

Reference Impedance: 50 Ω

Connector: 2.92 mm male

Source: Attenuation: 0 dB

Receiver: Attenuation: 10 dB

Port 2

Reference Impedance: 50 Ω

Connector: 2.92 mm male

Receiver: Attenuation: 10 dB

Port 3

Reference Impedance: 50 Ω

Connector: 2.92 mm male

Source: Attenuation: 0 dB

Receiver: Attenuation: 10 dB

Port 4

Reference Impedance: 50 Ω

Connector: 2.92 mm male

Receiver: Attenuation: 10 dB

Trace Trc1

Measured in Channel [Ch1](#) , Displayed in Diagram Area 1

Measured Quantity: S_{21}

System Error Correction Active, Data Not Interpolated

Receiver step attenuator settings are in accordance with system error correction data

No Source Power Correction Active

No Receiver Power Correction Active

Format: dB Magnitude

Display is not zoomed, Grid Scale: 15 dB/div, Reference Value: 0 dB, Reference Position: 9

Trace Trc2

Measured in Channel [Ch1](#) , Displayed in Diagram Area 3

Measured Quantity: S_{21}

System Error Correction Active, Data Not Interpolated

Receiver step attenuator settings are in accordance with system error correction data

No Source Power Correction Active

No Receiver Power Correction Active

Format: Delay (Aperture 10 Steps)

Display is not zoomed, Grid Scale: 25 ns/div, Reference Value: 50 ns, Reference Position: 2

Trace Trc3

Measured in Channel [Ch1](#) , Displayed in Diagram Area 2

Measured Quantity: S_{11}
System Error Correction Active, Data Not Interpolated
Receiver step attenuator settings are in accordance with system error correction data
No Source Power Correction Active
No Receiver Power Correction Active
Format: dB Magnitude
Display is not zoomed, Grid Scale: 5 dB/div, Reference Value: -15 dB, Reference Position: 6

Trace Trc4

Measured in Channel [Ch1](#) , Displayed in Diagram Area 4
Measured Quantity: S_{22}
System Error Correction Active, Data Not Interpolated
Receiver step attenuator settings are in accordance with system error correction data
No Source Power Correction Active
No Receiver Power Correction Active
Format: dB Magnitude
Display is not zoomed, Grid Scale: 5 dB/div, Reference Value: -15 dB, Reference Position: 6

All Sets

Nr	Name	Current
1	450-MHz-650-MHZ-250-KHz-ste-100-Hz-IFBW-10-dBm.znxml	*

Instrument Information

Instrument Type	ZNA43 with 4 ports (4 physical ports)
Part Number	1332.4500K44
Serial Number	102076
Device ID	1332.4500K44-102076-rQ
Data Sheet Version	15.00
Firmware Version	2.92
Trunk Version	23.11

Application Type 64 Bit
Service Tool Version 2.44
OS Edition Microsoft Windows 10 Enterprise 2016 LTSB
OS Build 10.0.14393.5006

Image Information

BaseImage 1.9.15
BaseImageCreationDate 3/9/2022 05:28:32 AM Utc
BaseDeviceImage 1.53
BaseDeviceImageCreationDate 3/9/2022 10:31:41 PM Utc
Device ZNA
CPU IPC114PCIEA
CPU_ID 1206.3974.00-105520/000 Rev 0-42.-
Bios R&S ZNA W10 2.03
ConfigurationScript 1.67
K51 Unified Write Filter Inactive

Memory State

Usage 14 %
Physical Memory total 16281 MB
Physical Memory available 13911 MB
Page File total 18713 MB
Page File available 16354 MB

Calibration Pool

Calibrations in Pool: 32

Nr	Name	Size	Local File Time
1	00_pedro_10G	80504	3/27/2024 9:34:56 AM
2	00_pedro_2p_full	82296	3/27/2024 1:26:50 PM



5/14/2024 2:13:56 PM
1332.4500K44-102076-rQ

3	00_pedro_4p_20G	399503	3/27/2024 1:12:35 PM
4	00_pedro_801	286904	3/27/2024 9:55:20 AM
5	00_pedro_full_2p_gore_cables	286904	4/8/2024 4:25:35 PM
6	00_pedro_full_2p_gore_cables_2	207997	4/8/2024 5:05:12 PM
7	2023-01-09.11-32_1A3A POS2-2A4A POS2_10000000.0_26500000000.0_10000.0_2650_1-3-2-4	2504473	1/9/2023 11:35:45 AM
8	2023-01-09.11-38_1A3A POS3-2A4A POS3_10000000.0_26500000000.0_10000.0_2650_1-3-2-4	2504473	1/9/2023 11:41:01 AM
9	2023-01-09.11-41_1A3A POS4-2A4A POS4_10000000.0_26500000000.0_10000.0_2650_1-3-2-4	2504473	1/9/2023 11:44:11 AM
10	2023-01-09.11-44_1A3A POS5-2A4A POS5_10000000.0_26500000000.0_10000.0_2650_1-3-2-4	2504473	1/9/2023 11:47:01 AM
11	2023-01-09.11-47_1A3A POS6-2A4A POS6_10000000.0_26500000000.0_10000.0_2650_1-3-2-4	2504473	1/9/2023 11:50:27 AM
12	2023-01-09.11-51_1B3B POS1-2B4B POS1_10000000.0_26500000000.0_10000.0_2650_1-3-2-4	2504473	1/9/2023 11:53:41 AM
13	2023-01-09.11-53_1B3B POS2-2B4B POS2_10000000.0_26500000000.0_10000.0_2650_1-3-2-4	2504473	1/9/2023 11:56:42 AM
14	2023-01-09.11-57_1B3B POS3-2B4B POS3_10000000.0_26500000000.0_10000.0_2650_1-3-2-4	2504473	1/9/2023 11:59:08 AM
15	2023-01-09.15-34_1A3A POS2-2A4A POS2_10000000.0_26500000000.0_10000.0_2650_1-3-2-4	2504473	1/9/2023 3:37:27 PM
16	2023-01-09.15-41_1A3A POS2-2A4A POS2_10000000.0_26500000000.0_10000.0_2650_1-3-2-4	2504473	1/9/2023 3:44:06 PM
17	25	286910	5/13/2024 11:08:04 PM
18	40 GHz Autocal	3768397	5/15/2023 12:45:24 PM
19	40 GHz Cal 0 dB brec	3768289	4/4/2023 1:15:39 PM
20	40 GHz Cal 10 dB brec	824077	4/4/2023 1:27:21 PM
21	450MHz-650MHz-250KHz-step-100Hz-IFBW	286910	5/13/2024 11:10:31 PM
22	Cal Group 1	46452	7/18/2023 9:58:35 AM
23	Cal Group 2	614079	7/21/2023 12:28:40 PM
24	cal_1	398389	11/2/2022 10:07:15 AM
25	Manual 40 GHz	1387428	10/4/2023 4:05:07 PM
26	nw12	198481	4/9/2024 12:57:31 PM
27	rev_both_cplr	2763138	4/19/2023 1:26:21 PM
28	rev_port2_only	2763138	4/19/2023 3:40:15 PM
29	script	1512	6/29/2023 12:57:08 PM
30	supercal	614079	7/21/2023 12:15:44 PM
31	wideband	1387544	7/21/2023 12:15:44 PM

32 xtr23

107281

3/28/2024 11:22:02 AM

Connectivity

MAC Addresses

00-E0-33-0C-D2-36 Ethernet

IP Addresses

IP Address: 127.0.0.1 (Localhost) Subnet Mask: 255.0.0.0

GPIB

GPIB Driver installed
GPIB Adapter operational
GPIB Bus Address 19
GPIB Byte Order Little Endian (Default)
Parser Language DEFAULT

VISA

VISA Manufacturer Rohde & Schwarz GmbH
VISA Version 7.2.2

USB

VXI-PnP for NRP Rev 3.7.2.2, 03/2023
rsnrpz_x64.sys
NrpControl2_64.dll 3.72.6.0
rsnrpz_64.dll 3.7.2.2
rscomzv.dll 0.83
usbbulkx64.sys 2.69.2.0
usbbulk.dll 1.40.4.0
znz8x_dll.dll 2.6.0
znz154.dll

LXI

LXI Engine installed
LXI Service disabled



5/14/2024 2:13:56 PM
1332.4500K44-102076-rQ

DirectCtrl

DirectCtrl Board

not installed
