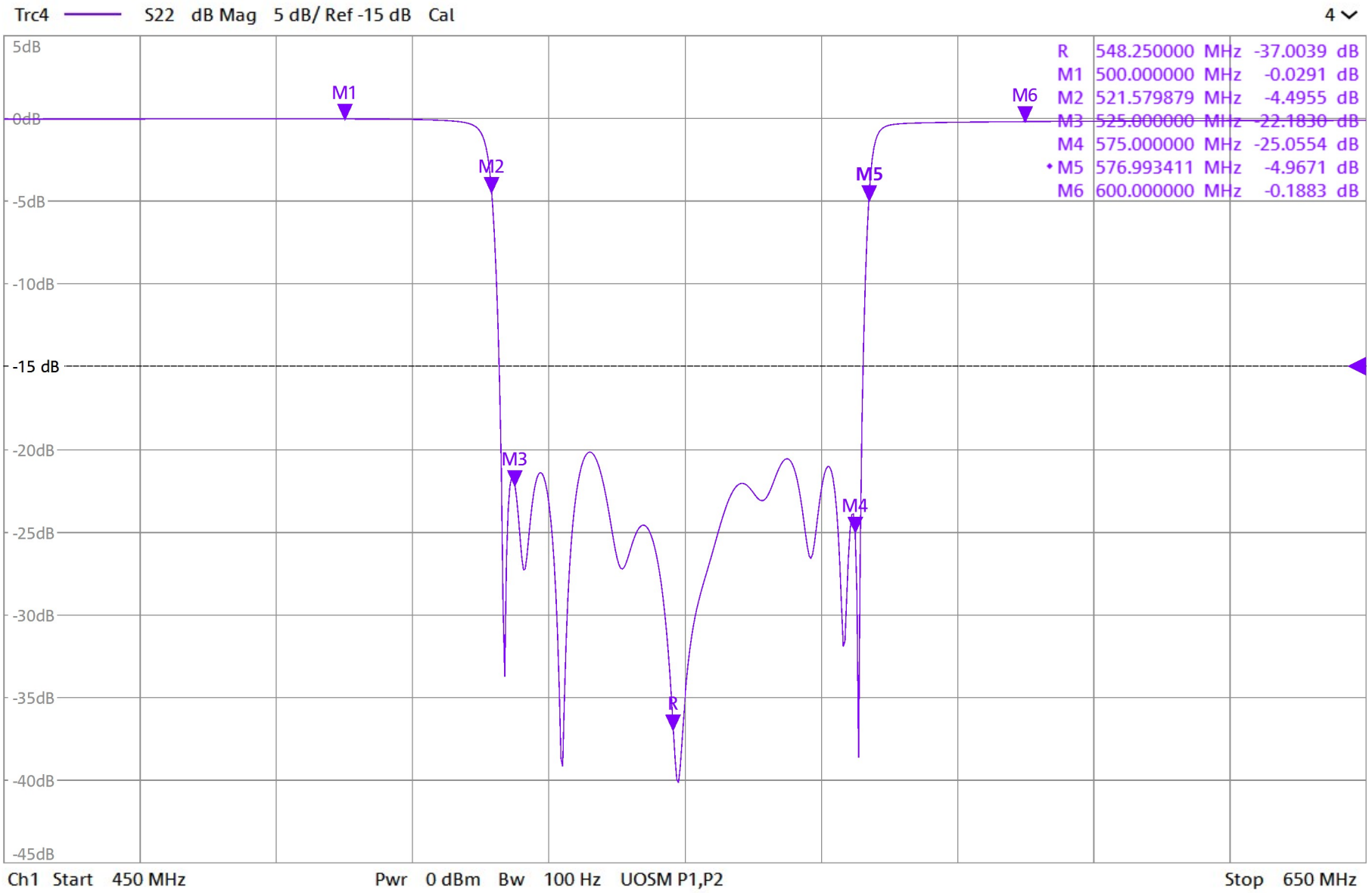
5/14/2024 2:14:19 PM
1332.4500K44-102076-rQ



5/14/2024 2:14:19 PM
1332.4500K44-102076-rQ

Link to Common Settings
Link to Channel: Ch1
Links to Traces: Trc1 , Trc2 , Trc3 , Trc4
Link to Instrument Information All Sets Calibration Pool Connectivity

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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

5/14/2024 2:14:19 PM
1332.4500K44-102076-rQ

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	13904 MB
Page File total	18713 MB
Page File available	16351 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

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

DirectCtrl	
DirectCtrl Board	not installed