Aug 22 night shift

Name:	Aug 22 night shift
Authors:	Medo Bawatna, Igor Ilyakov
Principal investigator (FWKP):	Sergey Kovalev
Proposal number:	19201676
Start date:	2019-08-22 19:00:00 +0200
List of used frequencies [THz]:	0.7
Frequency 1:	0.7
Default object type:	EXPERIMENTAL_STEP_TELBE_LOG
Medo Bawatna:	true
Igor Ilyakov:	true

Log entry overview (automatically generated):

Log for Filename **121_LSCO10_T1_290K_T2_290K_WG90degs**
- Start date: 2019-08-22 23:17:08 +0200
- End date: 2019-08-22 23:22:40 +0200
- Power BDA [mW]: 30.0
- Sample temperature [K]: 290.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 35 Temperature 35K Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 260 K T2 - 260.1 K BDA power 30mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **122_LSCO10_T1_5p0K_T2_24p0K_WG90degs**
- Start date: 2019-08-23 00:46:34 +0200
- End date: 2019-08-23 00:51:53 +0200
- Power BDA [mW]: 26.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45

degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 30mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **123_LSCO10_T1_5p0K_T2_19p7K_WG90degs**
- Start date: 2019-08-23 01:18:39 +0200
- End date: 2019-08-23 01:24:00 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **124_LSCO10_T1_5p0K_T2_19p7K_WG90degs**
- Start date: 2019-08-23 01:45:27 +0200
- End date: 2019-08-23 01:50:47 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **125_LSCO10_T1_5p0K_T2_19p7K_WG90degs**
- Start date: 2019-08-23 01:56:08 +0200
- End date: 2019-08-23 02:01:27 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1

- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **126_LSCO10_T1_5p0K_T2_19p7K_WG90degs**
- Start date: 2019-08-23 02:08:16 +0200
- End date: 2019-08-23 02:13:36 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **127_LSCO10_T1_5p0K_T2_19p7K_WG90degs**
- Start date: 2019-08-23 02:15:22 +0200
- End date: 2019-08-23 02:20:44 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **128_LSCO10_T1_5p0K_T2_19p7K_WG90degs**
- Start date: 2019-08-23 02:21:26 +0200
- End date: 2019-08-23 02:26:44 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80

- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **129_LSCO10_T1_5p0K_T2_19p7K_WG90degs**
- Start date: 2019-08-23 02:27:36 +0200
- End date: 2019-08-23 02:32:53 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **130_LSCO10_T1_5p0K_T2_19p7K_WG90degs**
- Start date: 2019-08-23 02:34:55 +0200
- End date: 2019-08-23 02:40:15 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **131_LSCO10_T1_5p0K_T2_19p6K_WG50degs**
- Start date: 2019-08-23 02:45:40 +0200
- End date: 2019-08-23 02:51:02 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true

- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **132_LSCO10_T1_5p0K_T2_19p6K_WG60degs**
- Start date: 2019-08-23 02:51:34 +0200
- End date: 2019-08-23 02:56:51 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **133_LSCO10_T1_5p0K_T2_19p6K_WG75degs**
- Start date: 2019-08-23 02:57:33 +0200
- End date: 2019-08-23 03:02:53 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **133_LSCO10_T1_5p0K_T2_19p6K_WGminus90degs**
- Start date: 2019-08-23 03:06:05 +0200
- End date: 2019-08-23 03:11:22 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0

- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **134_LSCO10_T1_5p0K_T2_19p6K_WG80degs**
- Start date: 2019-08-23 03:35:44 +0200
- End date: 2019-08-23 03:41:04 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **135_LSCO10_T1_6p5K_T2_20p2K_WG80degs**
- Start date: 2019-08-23 03:52:15 +0200
- End date: 2019-08-23 03:57:36 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **136_LSCO10_T1_8K_T2_20p5K_WG80degs**
- Start date: 2019-08-23 04:00:27 +0200
- End date: 2019-08-23 04:05:48 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7

- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **137_LSCO10_T1_9p5K_T2_21p0K_WG80degs**
- Start date: 2019-08-23 04:10:00 +0200
- End date: 2019-08-23 04:15:22 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **138_LSCO10_T1_11K_T2_21p6K_WG80degs**
- Start date: 2019-08-23 04:20:01 +0200
- End date: 2019-08-23 04:25:21 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **139_LSCO10_T1_12p5K_T2_22p3K_WG80degs**
- Start date: 2019-08-23 04:30:24 +0200
- End date: 2019-08-23 04:35:45 +0200
- Power BDA [mW]: 25.0

- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **140_LSCO10_T1_14K_T2_23p2K_WG80degs**
- Start date: 2019-08-23 04:48:28 +0200
- End date: 2019-08-23 04:53:47 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **141_LSCO10_T1_15p5K_T2_24p1K_WG80degs**
- Start date: 2019-08-23 04:58:01 +0200
- End date: 2019-08-23 05:03:22 +0200
- Power BDA [mW]: 25.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 25mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **142_LSCO10_T1_17K_T2_25p1K_WG80degs**
- Start date: 2019-08-23 05:06:26 +0200

- End date: 2019-08-23 05:11:43 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **143_LSCO10_T1_18p5K_T2_26p2K_WG80degs**
- Start date: 2019-08-23 05:15:14 +0200
- End date: 2019-08-23 05:20:32 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **144_LSCO10_T1_20K_T2_27p4K_WG80degs**
- Start date: 2019-08-23 05:23:26 +0200
- End date: 2019-08-23 05:28:43 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **145_LSCO10_T1_21p5K_T2_28p7K_WG80degs**
- Start date: 2019-08-23 05:32:04 +0200
- End date: 2019-08-23 05:37:19 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **146_LSCO10_T1_23K_T2_29p9K_WG80degs**
- Start date: 2019-08-23 05:40:52 +0200
- End date: 2019-08-23 05:46:06 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **147_LSCO10_T1_24p5K_T2_31p2K_WG80degs**
- Start date: 2019-08-23 05:49:29 +0200
- End date: 2019-08-23 05:54:45 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of

ZnTe crystal T1 - 5 K T2 - 24 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **148_LSCO10_T1_26K_T2_32p7_WG80degs**
- Start date: 2019-08-23 05:58:29 +0200
- End date: 2019-08-23 06:03:49 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 5 K T2 - 24 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **149_LSCO10_T1_28K_T2_32p7_WG80degs**
- Start date: 2019-08-23 06:07:11 +0200
- End date: 2019-08-23 06:12:28 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 28 K T2 - 34 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **150_LSCO10_T1_30K_T2_36p7_WG80degs**
- Start date: 2019-08-23 06:17:34 +0200
- End date: 2019-08-23 06:22:50 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1

- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 30 K T2 - 36 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **151_LSCO10_T1_33K_T2_39p3_WG80degs**
- Start date: 2019-08-23 06:26:00 +0200
- End date: 2019-08-23 06:31:20 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 33 K T2 - 39 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **152_LSCO10_T1_36K_T2_42p1_WG80degs**
- Start date: 2019-08-23 06:34:54 +0200
- End date: 2019-08-23 06:40:11 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal T1 - 36 K T2 - 42 K BDA power 21mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **153_LSCO10_T1_39K_T2_45p2_WG80degs**
- Start date: 2019-08-23 06:43:24 +0200
- End date: 2019-08-23 06:48:42 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80

- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 39 K T2 - 45 K BDA power 20mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **154_LSCO10_T1_50K_T2_56K_WG80degs**
- Start date: 2019-08-23 06:54:30 +0200
- End date: 2019-08-23 06:59:46 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 39 K T2 - 45 K BDA power 20mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **155_LSCO10_T1_60K_T2_63K_WG80degs**
- Start date: 2019-08-23 07:01:38 +0200
- End date: 2019-08-23 07:06:54 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 5.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 39 K T2 - 45 K BDA power 20mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **156_LSCO10_T1_80K_T2_86K_WG80degs**
- Start date: 2019-08-23 07:15:36 +0200
- End date: 2019-08-23 07:20:54 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 80.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0

- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 80 K T2 - 86 K BDA power 20mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **157_LSCO10_T1_100K_T2_101K_WG80degs**
- Start date: 2019-08-23 07:27:36 +0200
- End date: 2019-08-23 07:32:56 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 100.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 100 K T2 - 101 K BDA power 20mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **158_LSCO10_T1_200K_T2_198K_WG80degs**
- Start date: 2019-08-23 07:45:14 +0200
- End date: 2019-08-23 07:50:30 +0200
- Power BDA [mW]: 21.0
- Sample temperature [K]: 200.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 60.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 200 K T2 - 198 K BDA power 20mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 11:37:46 +0200

- End date: 2019-08-23 11:43:16 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 80
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power 95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 12:13:10 +0200
- End date: 2019-08-23 12:13:19 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 1
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power 95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 12:13:33 +0200
- End date: 2019-08-23 12:13:41 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 1
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power

95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 12:13:52 +0200
- End date: 2019-08-23 12:14:00 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 1
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power 95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 12:14:06 +0200
- End date: 2019-08-23 12:14:14 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 1
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power 95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 12:14:21 +0200
- End date: 2019-08-23 12:14:29 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 1
- Stage 1 step size [mm]: -0.1

- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power 95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 12:14:34 +0200
- End date: 2019-08-23 12:14:42 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 1
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power 95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 12:14:47 +0200
- End date: 2019-08-23 12:14:56 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 1
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power 95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 12:16:40 +0200
- End date: 2019-08-23 12:16:48 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0

- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 1
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power 95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 12:20:27 +0200
- End date: 2019-08-23 12:20:36 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 1
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power 95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Log for Filename **159_LSCOx45_T1_298K_T2_298K_WG80degs**
- Start date: 2019-08-23 12:20:39 +0200
- End date: 2019-08-23 12:20:48 +0200
- Power BDA [mW]: 95.0
- Sample temperature [K]: 298.0
- THz frequency [THz]: 0.7
- THz polarizer angle [deg]: 80.0
- AI1 0 max: 1.0
- AI1 0 min: -1.0
- AI2 3 switch: true
- Stage 1 start position [mm]: 60.0
- Stage 1 number of steps: 1
- Stage 1 step size [mm]: -0.1
- Number of loops (TELBE): 1
- Notes: ZnTe 2 mm gain 100 after 2x700 GHz filters POlarization dependance QWP @ 45 degs First polarizer at 180 degs - vertical After the sample - polarizer @ 45 degs - fixed LSCO 10 Added WG polarizer with vertical transmission infront of ZnTe crystal - wrong for the whole night shift T1 - 298 K T2 - 298 K BDA power 95mW - after both filters transfer line was stuck. took a lot effort to take it out of cryostat

Children: EXPERIMENTAL_STEP_TELBE_LOG: EXP_TELBE_LOG-638(121_LSCO10_T1_290K_T2_290K_WG90degs), EXP_TELBE_LOG-639(122_LSCO10_T1_5p0K_T2_24p0K_WG90degs), EXP_TELBE_LOG-

640(123_LSCO10_T1_5p0K_T2_19p7K_WG90degs), EXP_TELBE_LOG-
641(124_LSCO10_T1_5p0K_T2_19p7K_WG90degs), EXP_TELBE_LOG-
642(125_LSCO10_T1_5p0K_T2_19p7K_WG90degs), EXP_TELBE_LOG-
643(126_LSCO10_T1_5p0K_T2_19p7K_WG90degs), EXP_TELBE_LOG-
644(127_LSCO10_T1_5p0K_T2_19p7K_WG90degs), EXP_TELBE_LOG-
645(128_LSCO10_T1_5p0K_T2_19p7K_WG90degs), EXP_TELBE_LOG-
646(129_LSCO10_T1_5p0K_T2_19p7K_WG90degs), EXP_TELBE_LOG-
647(130_LSCO10_T1_5p0K_T2_19p7K_WG90degs), EXP_TELBE_LOG-
648(131_LSCO10_T1_5p0K_T2_19p6K_WG50degs), EXP_TELBE_LOG-
649(132_LSCO10_T1_5p0K_T2_19p6K_WG60degs), EXP_TELBE_LOG-
650(133_LSCO10_T1_5p0K_T2_19p6K_WG75degs), EXP_TELBE_LOG-
651(133_LSCO10_T1_5p0K_T2_19p6K_WGminus90degs), EXP_TELBE_LOG-
652(134_LSCO10_T1_5p0K_T2_19p6K_WG80degs), EXP_TELBE_LOG-
653(135_LSCO10_T1_6p5K_T2_20p2K_WG80degs), EXP_TELBE_LOG-
654(136_LSCO10_T1_8K_T2_20p5K_WG80degs), EXP_TELBE_LOG-
655(137_LSCO10_T1_9p5K_T2_21p0K_WG80degs), EXP_TELBE_LOG-
656(138_LSCO10_T1_11K_T2_21p6K_WG80degs), EXP_TELBE_LOG-
657(139_LSCO10_T1_12p5K_T2_22p3K_WG80degs), EXP_TELBE_LOG-
658(140_LSCO10_T1_14K_T2_23p2K_WG80degs), EXP_TELBE_LOG-
659(141_LSCO10_T1_15p5K_T2_24p1K_WG80degs), EXP_TELBE_LOG-
660(142_LSCO10_T1_17K_T2_25p1K_WG80degs), EXP_TELBE_LOG-
661(143_LSCO10_T1_18p5K_T2_26p2K_WG80degs), EXP_TELBE_LOG-
662(144_LSCO10_T1_20K_T2_27p4K_WG80degs), EXP_TELBE_LOG-
663(145_LSCO10_T1_21p5K_T2_28p7K_WG80degs), EXP_TELBE_LOG-
664(146_LSCO10_T1_23K_T2_29p9K_WG80degs), EXP_TELBE_LOG-
665(147_LSCO10_T1_24p5K_T2_31p2K_WG80degs), EXP_TELBE_LOG-
666(148_LSCO10_T1_26K_T2_32p7_WG80degs), EXP_TELBE_LOG-
667(149_LSCO10_T1_28K_T2_32p7_WG80degs), EXP_TELBE_LOG-
668(150_LSCO10_T1_30K_T2_36p7_WG80degs), EXP_TELBE_LOG-
669(151_LSCO10_T1_33K_T2_39p3_WG80degs), EXP_TELBE_LOG-
670(152_LSCO10_T1_36K_T2_42p1_WG80degs), EXP_TELBE_LOG-
671(153_LSCO10_T1_39K_T2_45p2_WG80degs), EXP_TELBE_LOG-
672(154_LSCO10_T1_50K_T2_56K_WG80degs), EXP_TELBE_LOG-
673(155_LSCO10_T1_60K_T2_63K_WG80degs), EXP_TELBE_LOG-
674(156_LSCO10_T1_80K_T2_86K_WG80degs), EXP_TELBE_LOG-
675(157_LSCO10_T1_100K_T2_101K_WG80degs), EXP_TELBE_LOG-
676(158_LSCO10_T1_200K_T2_198K_WG80degs), EXP_TELBE_LOG-
677(159_LSCOx45_T1_298K_T2_298K_WG80degs), EXP_TELBE_LOG-
678(159_LSCOx45_T1_298K_T2_298K_WG80degs), EXP_TELBE_LOG-
679(159_LSCOx45_T1_298K_T2_298K_WG80degs), EXP_TELBE_LOG-
680(159_LSCOx45_T1_298K_T2_298K_WG80degs), EXP_TELBE_LOG-
681(159_LSCOx45_T1_298K_T2_298K_WG80degs), EXP_TELBE_LOG-
682(159_LSCOx45_T1_298K_T2_298K_WG80degs), EXP_TELBE_LOG-
683(159_LSCOx45_T1_298K_T2_298K_WG80degs), EXP_TELBE_LOG-
684(159_LSCOx45_T1_298K_T2_298K_WG80degs), EXP_TELBE_LOG-
685(159_LSCOx45_T1_298K_T2_298K_WG80degs), EXP_TELBE_LOG-
686(159_LSCOx45_T1_298K_T2_298K_WG80degs), EXP_TELBE_LOG-
687(159_LSCOx45_T1_298K_T2_298K_WG80degs)

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