Lattice dynamics localization in low-angle twisted bilayer graphene
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The following tables summarize the files on a per-figure basis.

FIGURES WITHIN THE MAIN TEXT

Figure 01	
(a)	Artistic representation. No experimental data available.
(b)	Artistic representation. No experimental data available.
(c)	micro-Raman (raw): **Fig_01\c\micro-Raman.asc** micro-Raman (background subtracted): **Fig_01\c\micro-Raman_BG.asc** nano-Raman (raw): **Fig_01\c\nano-Raman.asc** nano-Raman data (background subtracted): **Fig_01\c\nano-Raman_BG.asc**
(d)	Raw data: **Fig_01\d\Fig1d.fits** The AFM data is found in: **Ext_Data_Fig_6\b\EDFig6b_AFM.sm4**
(e)	Raw data: **Fig_01\e\Fig1e.fits** FWHM plot: **Fig_01\e\FWHM.txt** The AFM data is found in: **Ext_Data_Fig_6\d\EDFig6d_AFM.sm4**
(f)	Profiles 1-2: **Fig_01\f\profile_1-2.asc** Profiles 2-3: **Fig_01\f\profile_2-3.asc** **Obs.:** The line profiles were extracted from the data on the highlighted positions shown in Fig.01(e) using the Gwyddion free analysis software (http:\\gwyddion.net\).

Figure 02	
(a)	Theoretical data available upon reasonable request
(b)	Theoretical data available upon reasonable request
(c)	Theoretical data available upon reasonable request
(d)	Raw data is the same as Fig. 1(e) f the main text: **Fig_01\e\Fig1e.fits** AFM data: **Ext_Data_Fig_6\b\EDFig6b_AFM.sm4** Raw data for the contribution: **Fig_02\d\fig02d.txt** Raw data and analysis code: **Scripts\RscriptAndData.zip**
(e)	Raw data hyperspectrum: **Fig_02\e\Fig2e_raw.fits** AFM: **Fig_02\e\Fig2e_AFM.sm4** Raw data for the SP contribution: **Fig_02\e\Fig2e.txt** Raw data and analysis code: **Scripts\RscriptAndData.zip**
(f)	Raw data for SP region: **Fig_02\f\Fig2f_SP_Data.txt** Fitting parameters for the SP curve: **Fig_02\f\Fig2f_SP_Fitt_Parameters.txt** Raw data for AB region: **Fig_02\f\Fig2f_AB_Data.txt** Fitting parameters for the AB curve: **Fig_02\f\Fig2f_AB_Fitt_Parameters.txt** Raw data for AA region: **Fig_02\f\Fig2f_AA_Data.txt** Fitting parameters for the AA curve: **Fig_02\f\Fig2f_AA_Fitt_Parameters.txt**

	Raw data and analysis code: **Scripts\RscriptAndData.zip**
(g)	Raw data for SP region: **Fig_02\g\Fig2g_SP_Data.txt** Fitting parameters for the SP curve: **Fig_02\g\Fig2g_SP_Fitt_Parameters.txt** Raw data for AB region: **Fig_02\g\Fig2g_AB_Data.txt** Fitting parameters for the AB curve: **Fig_02\g\Fig2g_AB_Fitt_Parameters.txt** Raw data and analysis code: **Scripts\RscriptAndData.zip**

Figure 03	
(a)	Raw data for the AB\BA spectrum: **Fig_03\a\Fig3a_Data.txt** Fit curves: **Fig_03\a\Fig3a_fit.csv**
(b)	Raw data for the SP\AA spectrum: **Fig_03\b\Fig3b_Data.txt**
(c)	The original data is the same as Fig. 1(e): **Fig_01\e\Fig1e.fits** The AFM data is found in: **Ext_Data_Fig_6\d\EDFig6d_AFM.sm4** Raw data for the AB\BA contribution: **Fig_03\c\Fig3c_Data.dat** Raw data and analysis code: **Scripts\RscriptAndData.zip**
(d)	The original data is the same as Fig. 1(e): **Fig_01\e\Fig1e.fits** The AFM data is found in: **Ext_Data_Fig_6\d\EDFig6d_AFM.sm4** Raw data for the SP\AA spectrum: **Fig_03\d\Fig3d_Data.dat**

		Raw data and analysis code: **Scripts\RscriptAndData.zip**
(e)		
(f)		Raw data and analysis code (Matlab script): **Fig_03\Scripts\plotband_Map_fig03.m**
(g)		
(h)		Graph data: **Fig_03\h\DOS.asc**

Figure 04		
(a)	Bernal	G Band: **Fig_04\a\Fig4a_G_Bernal.txt** 2D Band: **Fig_04\a\Fig4a_2D_Bernal.txt**
	0.01	G Band: **Fig_04\a\Fig4a_G_0.01.txt** 2D Band: **Fig_04\a\Fig4a_2D_0.01.txt**
	0.1	G Band: **Fig_04\a\Fig4a_G_0.1.txt** 2D Band: **Fig_04\a\Fig4a_2D_0.1.txt**
	0.7	G Band: **Fig_04\a\Fig4a_G_0.7.txt** 2D Band: **Fig_04\a\Fig4a_2D_0.7.txt**
	1.2	G Band: **Fig_04\a\Fig4a_G_1.2.txt** 2D Band: **Fig_04\a\Fig4a_2D_1.2.txt**
	2.6	G Band: **Fig_04\a\Fig4a_G_2.6.txt** 2D Band: **Fig_04\a\Fig4a_2D_2.6.txt**

(b)	**Fitting data** FWHM: **Fig_04\b\Fig4b_FWHM.txt** Frequency: **Fig_04\b\Fig4b_Frequency.txt** Intensity: **Fig_04\b\Fig4b_Intensity.txt**

FIGURES WITHIN THE EXTENDED DATA

Extended Data Figure 01
Same spectral data as Fig.01(c), except that the micro-Raman has been multiplied by 26 micro-Raman (raw): **Fig_01\c\micro-Raman.asc** micro-Raman (background subtracted): **Fig_01\c\micro-Raman_BG.asc** nano-Raman (raw): **Fig_01\c\nano-Raman.asc** nano-Raman data (background subtracted): **Fig_01\c\nano-Raman_BG.asc**

Extended Data Figure 02	
(a)	AA(Raw Data): **Ext_Data_Fig_2\EDFig2_0.07_AA_Data.txt** AA(Fitting Parameters for G band): **Ext_Data_Fig_2\EDFig2_0.07_AA_G_fitt_Parameters.txt** AA(Fitting Parameters for Gr- band): **Ext_Data_Fig_2\EDFig2_0.07_AA_Gr-_fitt_Parameters.txt** SP(Raw Data): **Ext_Data_Fig_2\EDFig2_0.07_SP_Data.txt** SP(Fitting Parameters for G band): **Ext_Data_Fig_2\EDFig2_0.07_SP_G_fitt_Parameters.txt** SP(Fitting Parameters for Gr- band): **Ext_Data_Fig_2\EDFig2_0.07_SP_Gr+_fitt_Parameters.txt**
(b)	Raw Data: **Ext_Data_Fig_2\0.07.fits**

(c)	SP(Raw Data): **Ext_Data_Fig_2\EDFig2_0.01_SP_Data.txt**
	SP(Fitting Parameters for G band): **Ext_Data_Fig_2\EDFig2_0.01_SP_G_fitt_Parameters.txt**
	SP(Fitting Parameters for Gr- band): **Ext_Data_Fig_2\EDFig2_0.01_SP_Gr+_fitt_Parameters.txt**
(d)	Raw Data: **Ext_Data_Fig_2\0.01.fits** AFM Data: Same Extended Data Figure 6(i)

Extended Data Figure 03
Raw hyperspectrum data where we did the analysis is the same as Fig. 1(e) of the main text: **Fig_01\e\Fig1e.fits**

Extended Data Figure 04	
(a)	**Ext_Data_Fig_4\freq_G-vs_freq_Gprime.asc**
(b)	**Ext_Data_Fig_4\fwhm_G-vs_fwhm_Gprime.asc**

Extended Data Figure 05	
(a)-(h)	Artistic representation. No experimental data available.

Extended Data Figure 06	
(a)	TERS Image: **Ext_Data_Fig_6\a\EDFig6a.fits** AFM Image: **Ext_Data_Fig_6\a\EDFig6a_AFM.sm4**
(b)	Same as Fig1(d) of the main text, but rotated and scaled accordingly TERS Image: **Fig_01\d\Fig1d.fits** AFM Image: **Ext_Data_Fig_6\bEDFig6b_AFM.sm4**
(c)	TERS Image, the same as Extended Data Figure 2(b): Raw Data: **Ext_Data_Fig_2\0.07.fits** AFM Image:**Ext_Data_Fig_6\c\ EDFig6c_AFM.sm4**
(d)	TERS Image same as Fig. 1(e) of the main text: The original data is the same as Fig. 1(e):

	Fig_01\e\Fig1e.fits AFM Image: **Ext_Data_Fig_6\d\EDFig6d_AFM.sm4**
(e)	TERS Image: **Ext_Data_Fig_6\e\EDFig6e.fits** AFM Image: **Ext_Data_Fig_6\e\EDFig6e_AFM.sm4**
(f)	TERS Image: **Ext_Data_Fig_6\f\EDFig6f.fits** AFM Image: **Ext_Data_Fig_6\f\EDFig6f_AFM.sm4**
(g)	TERS Image: **Ext_Data_Fig_6\g\EDFig6g.fits** AFM Image: **Ext_Data_Fig_6\g\EDFig6g_AFM.sm4**
(h)	TERS Image: **Ext_Data_Fig_6\h\EDFig6h.fits** AFM Image: **Ext_Data_Fig_6\h\EDFig6h_AFM.sm4**
(i)	TERS Image the same as Extended Data Figure 2(d): **Ext_Data_Fig_2\0.01.fits** AFM Image: **Ext_Data_Fig_6\i\EDFig6i_AFM.sm4**

Extended Data Figure 07	
(a)	Same as Fig. 1(d) of the main text, but rotated and scaled accordingly: **Fig_01\d\Fig1d.fits**
(b)	Raw data: **Ext_Data_Fig_7\EDFig7b.txt**