

References

1. Scheller M, Jansen C, Koch M. Analyzing sub-100- μm samples with transmission terahertz time domain spectroscopy [J]. *Optics Communications* 2015; 282(7): 1304-1306.
2. Withayachumnankul W, Naftaly M. Fundamentals of Measurement in Terahertz Time-Domain Spectroscopy [J]. *Journal of Infrared, Millimeter, and Terahertz Waves* 2014; 35(8):1-28.
3. Liu J W, Shen J L, Zhang B. Identification of Six Isomers of Dimethylbenzoic Acid by Using Terahertz Time-Domain Spectroscopy Technique[J]. *Spectroscopy & Spectral Analysis* 2015, 35(11): 3041-3045.
4. Jonuscheit J, Recur B, Mounaix P. Aeronautics composite material inspection with a terahertz time-domain spectroscopy system [J]. *Optical Engineering* 2013; 53(3):123-128.
5. Liao XQ, Wang Q, Gu XH, et al. Non - destructive testing of carbon fiber composites based on THz - TDS [J]. *Laser and infrared* 2015; 45(10):1255-1260.
6. Xing LY, Cui HL, Shi CC, et al. Experimental Study on the Terahertz Spectrum Properties of PMI Foam Composites [J]. *Spectroscopy and Spectral Analysis* 2015; 35(12): 3319-3324.
7. Zhang R, He X, Yu H. Transitions and molecule motions in glass-rubber transition zone of amorphous polymers. [J]. 2015, 31(4):186-190.
8. Tamimi A A, Zubaidy I A H A, Upadhye A, et al. Evaluation of Sustainable Asphalt Mixture [J]. *Study of Civil Engineering & Architecture* 2014; 3.
9. Gao Y, Liang XD, Xue JQ, et al. Study on Nondestructive Testing of Silicone Rubber Internal Defects by Ultrasonic Pulse - echo Method [J]. *Insulation Materials* 1997; (4): 27-30.
10. Li-Juan L I, Zhou M X, Ren J J. Test of the adhesive thickness uniformity based on terahertz time- domain spectroscopy [J]. *Laser & Infrared* 2014; 44(7): 801-804.
11. Krimi S, Klier J, Herrmann M, et al. Inline multilayer thickness sensing by using terahertz time-domain spectroscopy in reflection geometry[C]. *International Conference on Infrared, Millimeter, and Terahertz Waves*. 2013: 1-2.
12. Withayachumnankul W, Fischer B M, Abbott D. Material thickness optimization for transmission-mode terahertz time-domain spectroscopy [J]. *Optics Express* 2008; 16(10): 7382-96.
13. Jin B B, Zhang C H, Shen X F, et al. Extraction of material parameters of a bi-layer structure using Terahertz time-domain spectroscopy [J]. *Science China Information Sciences* 2014; 57(8):1-10.