

S1210 EMI Pre-compliance Software Data Sheet

S1210 EMI Pre-compliance Software
DSA Series Spectrum Analyzer
EMC Laboratory



DSA Spectrum Analyzer

S1210 EMI Pre-compliance Software

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Correction Config

Load and select the correction file; compensate the gain or loss of the external devices (such as the antenna and cable). You can view the correction data in the Correction Preview.

Scan Config

Load and select the limit line file, set the limit lines, configure parameters for pre scan and final scan.

Segment Config

Set the parameters for the segment scan separately, and view the segment scan data sheet in the segment table. Besides, you can export the segment scan table currently edited, or import the edited segment scan table.

Graph Config

Set the graph axis and the graph title.

Pre Scan

Perform segment pre scan based on the segment scan setting to improve the measurement speed of the software. After the scan is completed, you can preview the measurement results in the spectrum graph, and compare the results with the set limit line value.

Peak Search

Perform the peak search operation. The software filters and marks the peak table according to the user-defined conditions. You can edit the peak table; add or delete frequency points; export/import the peak table.

Final Scan

The final scan provides a more accurate scan on the critical interference signals to ensure the measurement accuracy of the software.

Report

Fill in the actual parameter values based on the current measurement environment, and add remarks if necessary. You can also print the activated measurement report for further progressing of the measurement values.

► Specifications

S1210 EMI Pre-compliance Software		
Frequency range	DSA705	100 kHz to 500 MHz
	DSA710	100 kHz to 1 GHz
	DSA815/DSA815-TG	9 kHz to 1.5 GHz
	DSA832/DSA832-TG	9 kHz to 3.2 GHz
	DSA875/DSA875-TG	9 kHz to 7.5 GHz
	DSA832E/DSA832E-TG	9 kHz to 3.2 GHz
	DSA1030/DSA1030-TG	9 kHz to 3 GHz
	DSA1030A/DSA1030A-TG	9 kHz to 3 GHz
Attenuation	DSA705	0 dB to 30 dB
	DSA710	
	DSA815/DSA815-TG	
	DSA832/DSA832-TG	
	DSA875/DSA875-TG	0 dB to 50 dB
	DSA832E/DSA832E-TG	
	DSA1030/ DSA1030-TG	
	DSA1030A/ DSA1030A-TG	
Pre scan resolution bandwidth/final scan resolution bandwidth (-3 dB)	DSA705	100 Hz, 300 Hz, 1 kHz, 3 kHz, 10 kHz, 30 kHz, 100 kHz, 300 kHz, 1 MHz
	DSA710	
	DSA815/DSA815-TG	
	DSA1030/DSA1030-TG	10 Hz, 30 Hz, 100 Hz, 300 Hz, 1 kHz, 3 kHz, 10 kHz, 30 kHz, 100 kHz, 300 kHz, 1 MHz
	DSA832/ DSA832-TG	
	DSA875/ DSA875-TG	
	DSA832E/DSA832E-TG	
	DSA1030A/ DSA1030A-TG	
Pre scan resolution bandwidth/final scan resolution bandwidth (-6 dB)	DSA705	200 Hz, 9 kHz, 120 kHz
	DSA710	
	DSA815/DSA815-TG	
	DSA832/DSA832-TG	
	DSA875/DSA875-TG	
	DSA832E/DSA832E-TG	
	DSA1030/DSA1030-TG	
	DSA1030A/DSA1030A-TG	

Measurement time	DSA705	0.0167 ms to 2500 ms
	DSA710	
	DSA815/ DSA815-TG	
	DSA832/ DSA832-TG	0.0167 ms to 5333.3 ms
	DSA832E/DSA832E-TG	
	DSA875/ DSA875-TG	0.0167 ms to 12500 ms
	DSA1030/ DSA1030-TG	0.0167 ms to 5000 ms
DSA1030A/ DSA1030A-TG		

► Ordering Information

	Description	Order Number
	EMI PC software	S1210 EMI Pre-compliance Software
Model	spectrum analyzer, 100 kHz to 500 MHz (with preamplifier)	DSA705
	spectrum analyzer, 100 kHz to 1 GHz (with preamplifier)	DSA710
	spectrum analyzer, 9 kHz to 1.5 GHz (with preamplifier)	DSA815
	spectrum analyzer, 9 kHz to 3.2 GHz	DSA832
	spectrum analyzer, 9 kHz to 7.5 GHz	DSA875
	spectrum analyzer, 9 kHz to 3.2 GHz	DSA832E
	spectrum analyzer, 9 kHz to 1.5 GHz (with preamplifier, with tracking generator, factory installed)	DSA815-TG
	spectrum analyzer, 9 kHz to 3.2 GHz (with tracking generator, factory installed)	DSA832-TG
	spectrum analyzer, 9 kHz to 7.5 GHz (with tracking generator, factory installed)	DSA875-TG
	spectrum analyzer, 9 kHz to 3.2 GHz (with tracking generator, factory installed)	DSA832E-TG
	spectrum analyzer, 9 kHz to 3 GHz (with preamplifier)	DSA1030A
	spectrum analyzer, 9 kHz to 3 GHz	DSA1030
	spectrum analyzer, 9 kHz to 3 GHz (with preamplifier, with tracking generator, factory installed)	DSA1030A-TG
	spectrum analyzer, 9 kHz to 3 GHz (with tracking generator, factory installed)	DSA1030-TG
Option	EMI filter &quasi-peak detector	EMI-DSA800

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