

# **EMI Measurement Application**

Built-in RSA5000 and RSA3000 Series Available as a post-purchase upgrade



# **Key Features**

- Application in master device, ensure stable and consistent results.
- License key upgradability, available as a post-purchase upgrade
- Built-in CISPR compliant bandwidths, detectors and band presets
- Measure at marker with three detectors
- Display log frequency span
- Automated testing to regulatory Limit Lines with user-selected margins
- Amplitude correction for antennas, LISNs, cables, preamps
- Built-in report generation

	<b>.</b>	20	T		C1500								17.404				
ſ			can Table											7	Sc	an Ta	ble
lł			Start	Stop	Points		Scan Time		RBW	A++	(dB)		Pa	11.	Sel	lect Ra	inge
			9KHz	150KHz	1490		65.25059s	Ø	200Hz (E)		10		ON		Rar	nge 5	>
			51(112	1 JOKI IZ	1430	•	05.250553	0	200112 (L)		10	0	OIN			Range	
			150KHz	30MHz		◙	7.426185s	◙	9KHz (E)	◙					Off		On
			30MHz	300MHz	4500		367.279ms		120KHz (E)				ON		St	tart Fr	eq
	◙		300MHz	600MHz	5000	۲	408.088ms	۲	120KHz (E)	۲							) MHz
	Ø	5	600MHz	16Hz	6667	Ø	544.117ms	Ø	120KHz (E)	Ø	10		ON	Ш.	S	top Fr	eq
	J	2	600MH2	TGHZ	0007	U	544.117///IS	U	120KH2 (E)	J	10	0	UN		1.000	00000	) GHz
IE			1GHz	3.2GHz	4400	◙	43.889ms	◙	1MHz (E)	◙						Point	
			3.2GHz	6.5GHz	6600		65.833ms		1MHz (E)				ON			6667	
			1.0001GHz	1.0002GHz		ø		◙	1MHz (E)	◙						an Tir	
			4 0000 CU	4 0000 511	404	Ø		$\odot$		Ø					544	1.117	ms
		9	1.0002GHz	1.0003GHz	101	U	1ms	0	1MHz (E)	S	10	8	ON		Auto	Scan	Time
			1.0002GHz	1.0003GHz		ً		ً	1MHz (E)	◙					Off		On
															•	1/2	•



 Use the scan table to set up frequency ranges, gains, bandwidths, and dwell time

- Scan a frequency range and display the results in log or linear format
- Generate reports including signal list, images and trace, and correction data
- Measure emissions with built-in compliant bandwidths, detectors, and band presets
- Continuously monitor signals with bar meters to detect maximum amplitude
- Types of detector work on the same time, display each result on different trace
- Monitoring one test point with three different simultaneous detector
- Identify suspect signals in the frequency scan
- Measure the peak, quasi-peak, CISPR-average or RMS-average values of these suspect signals and place the results in the signal list
- Easily identify signals that fail the regulatory agency limit

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Feature	EMI measurement application	S1210 PC software
CISPR detectors		×
CISPR bandwidths	· · · · · · · · · · · · · · · · · · ·	✓
Log and linear display	$\checkmark$	$\checkmark$
Signal list	$\checkmark$	$\checkmark$
Scan table	$\checkmark$	$\checkmark$
Simultaneous detectors	$\checkmark$	×
Automatic limit testing	$\checkmark$	×
Measure at marker	$\checkmark$	×
Delta to limit	$\checkmark$	×
Step and swept scans	$\checkmark$	✓
Report generation	<ul> <li>Image: A start of the start of</li></ul>	$\checkmark$

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