



OneAdvisor 800 EMF Analyzer

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1. Scope

This document describes how to configure the OneAdvisor 800 for EMF Analysis, including:

- Spectrum mode
- 5G NR Beam Analysis mode

The required products and parts to complete this procedure are as follows:

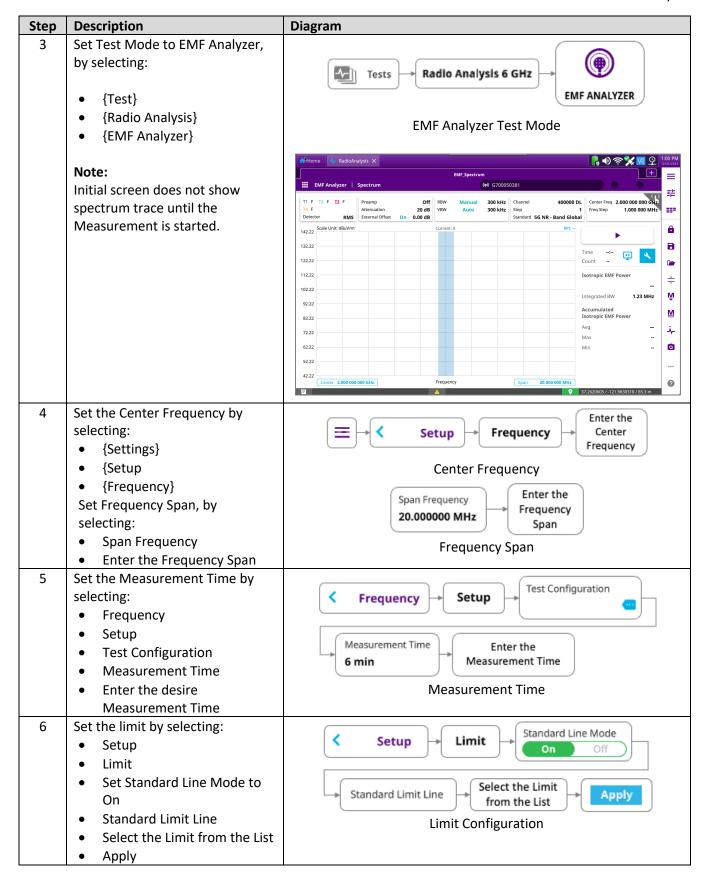
Description	Diagram
 OneAdvisor-800 with the following functions: ONA-SPA-EMF-SA: EMF Analyzer, Spectrum centric ONA-SPA-EMF-5GNR: EMF Analyzer, 5G NR Beam centric 	
 Isotropic Antenna G700050381: Isotropic Antenna, 400MHz (usable for 30 MHz) to 6 GHz. Log Periodic Yagi Antenna G700050366: Log periodic antenna, 650MHz to 4GHz G700050367: Log periodic antenna, 650MHz to 6GHz Schwarzbeck LPBA K9340/ K9340B Antenna Advisor Handle JD70050007 	WAVI AND

2. EMF Analyzer (Spectrum mode)

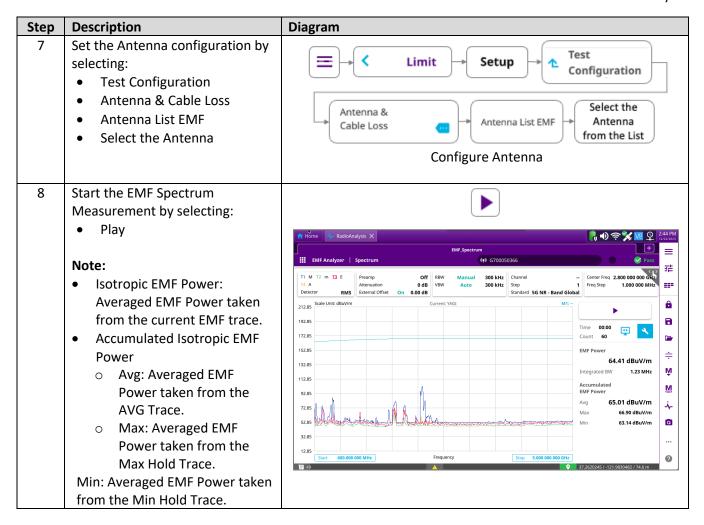
The following procedure describes the steps to perform EMF Analysis with OneAdvisor 800

Step	Description	Diagram
1	Power ON the instrument	Press and hold the ON/OFF button for 3 seconds
2	Connect Antenna to N-type port on top of the instrument Connect USB cable for Isotropic Antenna then wait until you will see Isotropic Antenna Icon on top.	AntennaAdvisor Handle Log-Periodic Antenna GPS RF USB





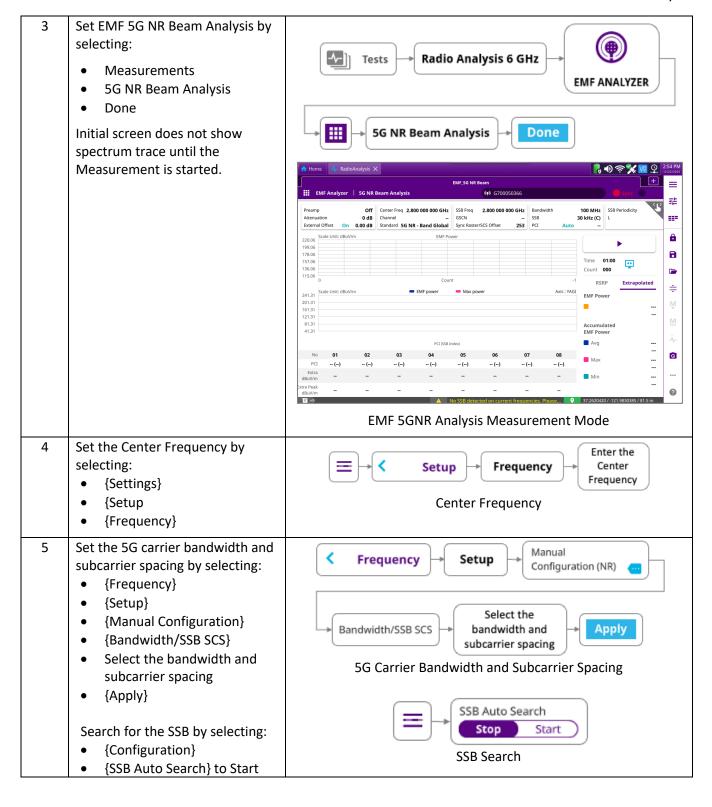




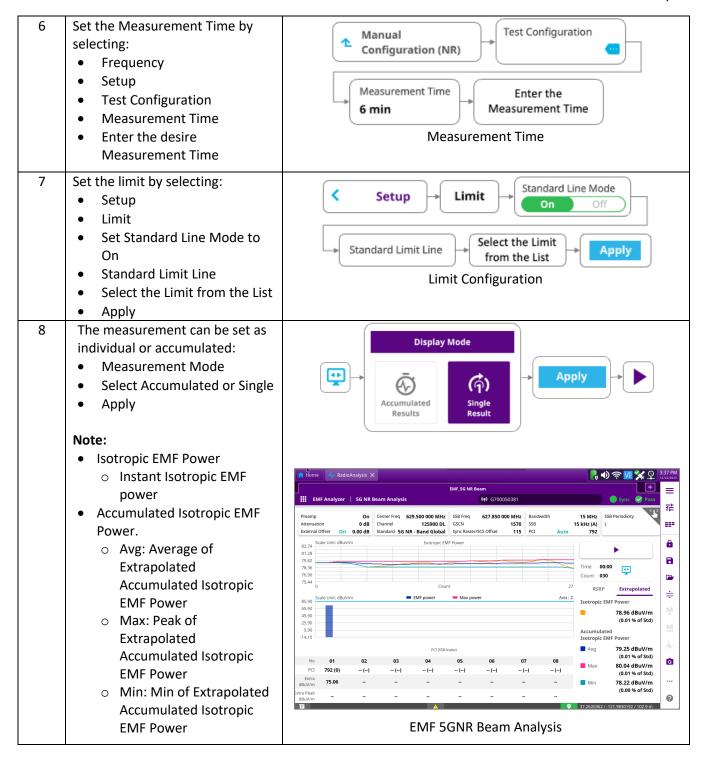
3. EMF Analyzer (5G NR Beam Analysis)

Step	Description	Diagram
1	Power ON the instrument	Press and hold the ON/OFF button for 3 seconds
2	Connect Antenna to N-type port on top of the instrument Connect USB cable for Isotropic Antenna then wait until you will see Isotropic Antenna Icon on top.	AntennaAdvisor Handle Log-Periodic Antenna GPS RF USB





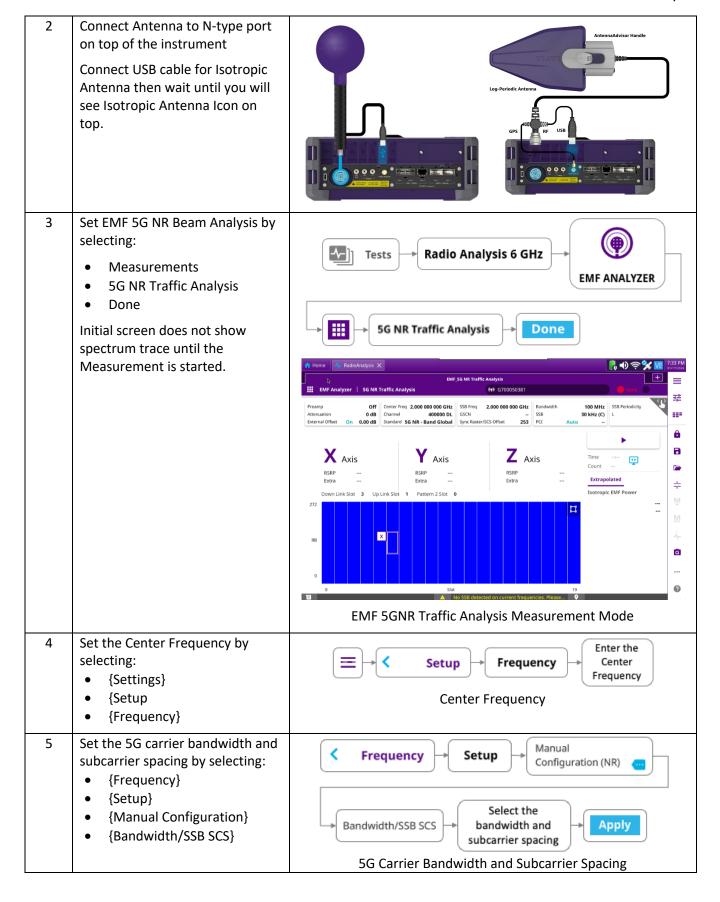




4. EMF Analyzer (5GNR Traffic Analysis)

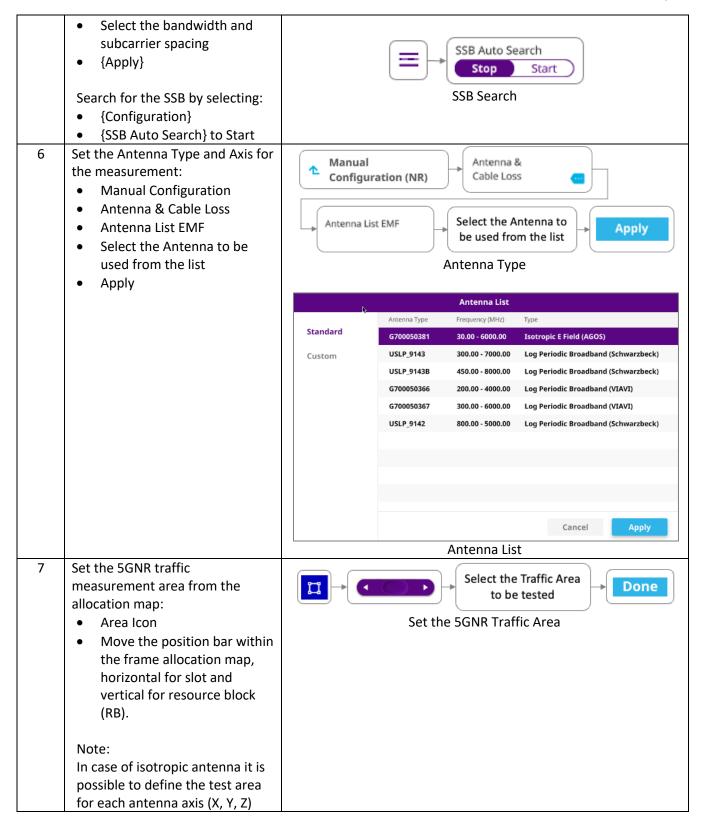
Step	Description	Diagram
1	Power ON the instrument	Press and hold the ON/OFF button for 3 seconds



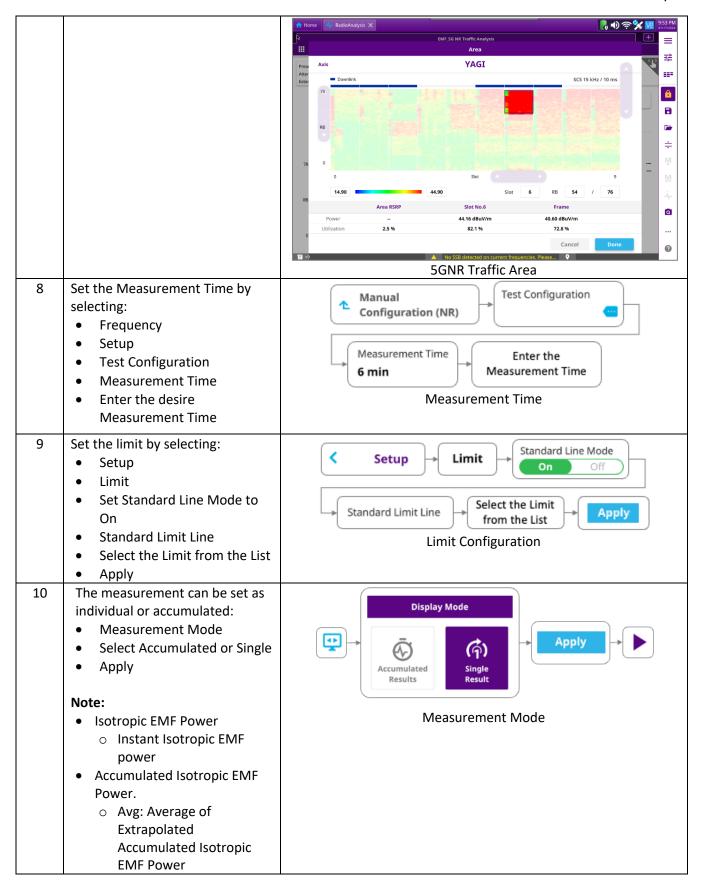








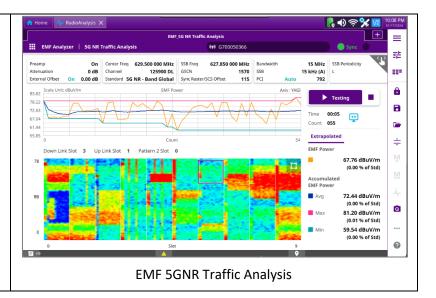






Measurement Guide EMF Analyzer

- Max: Peak of
 Extrapolated
 Accumulated Isotropic
 EMF Power
- Min: Min of Extrapolated Accumulated Isotropic EMF Power





5. Technical Support

Technical support is provided by:

Phone: 1-844-GO-VIAVI (1-844-468-4284) options 3-2-3

■ Email: diagnostics.tac@viavisolutions.com

Regularly new firmware updates for the OneAdvisor-800 are released and it is recommended to keep the instrument in the latest firmware to provide all the enhancements and bug fixes.

For additional information of cell site test go to: http://www.viavisolutions.com/en/products/network-test-and-certification/cell-site-test