

3.3 EMF safety: How do I make a wideband measurement with a selective measuring device?

Very quickly and simply with a selective device like the Narda SRM:

For example: Select “Full Span” as the frequency window in “Spectrum Analysis” mode. Then open “Evaluation -> Integration” and move the “Frequency Integration Min Marker” to the left-hand edge of the frequency range and the “Max Marker” to the right-hand edge. All the services in this range will be captured and added together. The “Int.-Val” displays the wideband value between 27 MHz and 3 GHz in this particular case using the SRM Antenna 3501/01. Take a look at the [video](#) about this on our YouTube channel. It takes less than 30 seconds. It’s even easier in “Safety Evaluation Mode”.



As shown in the example, in seconds you will get not only the result for each separate service, but also the total of all the services in a service table that you can define yourself. And if you activate the “Others” function, any services present that are not in the service table will also be included in the total. That’s two devices in one: selective as well as wideband. What more could you wish for?

→ For newcomers, experienced and professional users of selective measuring devices, we offer the [seminar: “Exposure measurements on RF transmitters using the SRM-3006”](#). You can find details of our seminars here or contact our local [sales partner](#) to make individual arrangements.