



## Training Agenda for Signal Hound Spectrum Analyzer based on applications and software usage training

<b>10:30 - 11:00</b>	<b>Introduction Session</b> This session gives some basis about Signal Hound Spectrum analyzers overall products specification and application in Power-Point Presentation.
<b>11:00 - 11:30</b>	<b>Software installation and Hardware Explanation</b> How to install Signal Hound Spike software and basis explain about the Signal Hound Spike software's options and icons. Information about Spectrum analyzer hardware.
<b>11:30 – 12:30</b>	<b>Power measurement/Phase noise and Harmonics measurement using Spectrum Analyser</b> Application based on power measurement in dBm, dBuv, mV and dBc. Phase noise and harmonics measurement of receiving signal
<b>12:00 - 12:30</b>	<b>AM/FM/SSB demodulation (Voice demodulation) and Zero Span (time Vs dBm)</b> Application based on voice demodulation of AM/FM using audio player. Demodulation of AM/FM in Zero-Span mode
<b>12:30 - 13:00</b>	<b>Tracking Generator with Spectrum analyser</b> Application based on how to use Tracking generator and its option in the Signal Hound Spike software
<b>13:00 - 14:00</b>	<b>LUNCH</b>
<b>14:00 - 15:00</b>	<b>EMI/EMC Pre-Compliance (applicable only for BB60 and SM200A)</b> This session is explain about EMI/EMC testing like Radiation Emission testing, Conduction Emission testing using BB60/SMA200A Real-time Spectrum Analyser.
<b>15:00 - 15:45</b>	<b>Digital Demodulation using Spectrum Analyser</b> Application based on digital signal demodulation like PSK, BPSK, DBPSK, QPSK, OQPSK, DQPSK, $\pi/4$ DQPSK, 8-PSK, D8PSK, 16-PSK, QAM, QAM-16, QAM-64, QAM-256 and FSK.
<b>15:45 - 16:45</b>	<b>Scalar Network Analyser (S-parameter measurement)</b> Application based on S-parameter measurement for filters, antennas, co-axial, attenuator, amplifier, two-port and one-port RF measurement.
<b>16:45 - 17:00</b>	<b>Queries and discussion</b>