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| **S.No** | **Mode** | **Widgets** | **VariableName** | **Tooltip** | **Shortcut** |
| 1 | **SYSTEM** | QRadioButton  (System) | * Sys\_ESM * Sys\_RFPS * Sys\_Warner * Sys\_RWR |  |  |
|  |  | QRadioButton  (Mode) | * Sys\_Injection * Sys\_Radiation * Sys\_BTE |  |  |
|  |  | QRadioButton  (Signal Type) | * Sys\_CW * Sys\_Pulse |  |  |
|  |  | QRadioButton  (Configuration) | * Sys\_Frequency * Sys\_Amplitude * Sys\_Sensitivity * Sys\_PW * Sys\_PRI * Sys\_DOA |  |  |
|  |  | QLineEdit  (Parameters) | * lineEdit\_System\_Start * lineEdit\_System\_Stop * lineEdit\_System\_Step * lineEdit\_System\_Pos\_Angle * lineEdit\_System\_Amplitude * lineEdit\_System\_Set\_Power |  |  |
|  |  | QComboBox  (Parameters) | * CB\_System\_PW * CB\_System\_PRI |  |  |
|  |  | QPushButton | Sys\_PB\_Add |  |  |
|  |  | QListWidget | listWidget\_test |  |  |
|  |  | QPushButton | PB\_OP\_Status |  |  |
|  |  | QPushButton | * Sys\_PB\_Start * Sys\_PB\_Pause * Sys\_PB\_Abort |  |  |
|  |  | QTableWidget | * Sys\_ESMTable * Sys\_RFPSTable |  |  |
|  |  | QWidget | * Sys\_ErrorGraph * Sys\_PolarPlot |  |  |
|  |  | QProgressBar | Sys\_ProgBar |  |  |
|  |  | QLineEdit | lineEdit\_Freq |  |  |
|  |  | QLineEdit | lineEdit\_Amp |  |  |
|  |  | QLineEdit | lineEdit\_Servo\_Pos |  |  |
|  |  | AnalogueGaugeWidget | widget\_gauge |  |  |
|  |  | QListWidget | listWidget\_test\_seq\_parms |  |  |
|  |  | QLabel | label\_Status\_Msg |  |  |

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| **S.No** | **Mode** | **Widgets** | **VariableName** | **Tooltip** | **Shortcut** |
| **2.** | **SUBSYSTEM** | QRadioButton | * SubSys\_Antenna * SubSys\_Digital\_Rx * SubSys\_Microwave\_Rx * SubSys\_Wideband\_Rx |  |  |
|  |  | QRadioButton | * SubSys\_Amplitude * SubSys\_Phase |  |  |
|  |  | QLineEdit | * SubSys\_lineEdit\_Start * SubSys\_lineEdit\_Stop * SubSys\_lineEdit\_Step |  |  |
|  |  | QComboBox | * SubSys\_IF\_Freq * SubSys\_Polarization |  |  |
|  |  | QRadioButton | * SubSys\_Digital\_Receiver * SubSys\_WB\_Receiver |  |  |
|  |  | QPushButton | * SubSys\_PB\_Read\_Data * SubSys\_PB\_Load\_Data |  |  |
|  |  | QPushButton | * SubSys\_PB\_Start * SubSys\_PB\_Pause * SubSys\_PB\_Abort |  |  |
|  |  | QTableWidget | * SubSys\_ESMTable * SubSys\_RFPSTable |  |  |
|  |  | QWidget | * SubSys\_ErrorGraph * SubSys\_PolarPlot |  |  |
|  |  | QProgressBar | SubSys\_ProgBar |  |  |

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| **S.No** | **Mode** | **Widgets** | **VariableName** | **Tooltip** | **Shortcut** |
| **3.** | **Complex**  **Emitter** | QRadioButton | * Emitter\_Freq\_Agility * Emitter\_IntraPulse\_Mod * Emitter\_PRI\_Agility * Emitter\_PW\_Agility |  |  |
|  |  | QLineEdit | * Emitter\_lineEdit\_Agile * Emitter\_lineEdit\_Pattern * Emitter\_lineEdit\_Jitter * Emitter\_lineEdit\_Deviation |  |  |
|  |  | QLineEdit | * Emitter\_lineEdit\_Start * Emitter\_lineEdit\_Stop * Emitter\_lineEdit\_Step |  |  |
|  |  | QTableWidget | * Emitter\_ESMTable * Emitter\_RFPSTable |  |  |
|  |  | QWidget | * Emitter\_ErrorGraph * Emitter\_PolarPlot |  |  |
|  |  | QProgressBar | Emitter\_ProgBar |  |  |

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| **S.No** | **Mode** | **Widgets** | **VariableName** | **Tooltip** | **Shortcut** |
| **4.** | **NetworkSetting** | QRadioButton | * Net\_ESMP * Net\_RFPS * Net\_WBLRU * Net\_DigitalRx * Net\_ATE * Net\_SigGen |  |  |
|  |  | QRadioButton | * Net\_Spect\_Anlyz * Net\_PSG * Net\_Servo * Net\_VNA * Net\_FieldFox |  |  |
|  |  | QLineEdit | * Net\_lineEdit\_Start * Net\_lineEdit\_Stop * Net\_lineEdit\_Step * Net\_lineEdit\_IPAdd * Net\_lineEdit\_Port * Net\_lineEdit\_Speed |  |  |
|  |  | QTableWidget | * Network\_ESMTable * Network\_RFPSTable |  |  |
|  |  | QWidget | * Network\_ErrorGraph * Network\_PolarPlot |  |  |

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| **S.No** | **Mode** | **Widgets** | **VariableName** | **Tooltip** | **Shortcut** |
| **5.** | **Reports** | QDateEdit | * dateEdit\_From * dateEdit\_To |  |  |
|  |  | QComboBox | CB\_Test (Old)  CB\_System (Old)   * Reports\_Test (New) * Reports\_System (New) |  |  |
|  |  | QPushButton | PB\_Get (Old)  PB\_Clear (Old)  PB\_Report\_PC (old)  PB\_Plot (Old)  PB\_Save (Old)  PB\_Print (Old)   * Reports\_PB\_Get (New) * Reports\_PB\_Clear(New) * Reports\_PB\_PC (New) * Reports\_PB\_Plot (New) * Reports\_PB\_Save(New) * Reports\_PB\_Print (New) | * Get * Clear * PC * Plot * Save * Print |  |
|  |  | QTableWidget | tableWidget\_Reports (Old)   * Reports\_Table (New) |  |  |
|  |  | QWidget | * Reports\_ErrorGraph |  |  |

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| **S.No** | **Mode** | | **Widgets** | **VariableName** | | **Tooltip** | **Shortcut** |
| **6.** | **View** | | QRadioButton | * View\_ESM * View\_RFPS * View\_Error * View\_Polar * View\_Scatter * View\_Hist | |  |  |
|  |  | | QPushButton | View\_PB\_Zoom | |  |  |
|  |  | | QMdiArea | * subwindow\_ESMP * subwindow\_RFPS * subwindow\_Error * subwindow\_Polar * subwindow\_Scatter * subwindow\_Hist | |  |  |
| **S.No** | **Tab** | | **Widgets** | **VariableName** | **Tooltip** | |
| 7. | System | | QPushButton | PB\_System |  | |
|  | SubSystem | | QPushButton | PB\_SubSystem |  | |
|  | ComplexEmitter | | QPushButton | PB\_Complex |  | |
|  | NetworkSetting | | QPushButton | PB\_NetWork |  | |
|  | Reports | | QPushButton | PB\_Reports |  | |
|  | View | | QPushButton | PB\_View |  | |
|  | Calibration | | QPushButton | PB\_Calibration |  | |
|  | Help | | QPushButton | PB\_Help |  | |