

How to Use Spurious Measurement Function Parameters

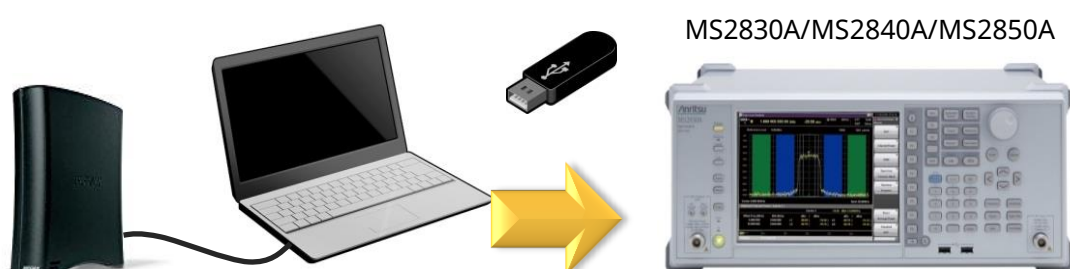
Signal Analyzer MS2830A/MS2840A/MS2850A

This document introduces the procedures when copying and using the parameter file created by the built-in Spurious Emission function of the Signal Analyzer MS2830A/MS2840A/MS2850A (main unit hereafter).

Case ①: Managing parameter files created by main unit using PC/HDD/USB memory <Backup>



Case ②: Copying backed-up parameter files to main unit



Path to destination folder for parameter file saved using Spurious Emission function:
"D:¥Anritsu Corporation¥Signal Analyzer¥User Data¥Parameter Setting¥Spectrum Analyzer"

Read the following operation manual for details about the Spurious Emission Measurement function.

MS2830A/MS2840A/MS2850A Signal Analyzer Operation Manual
Spectrum Analyzer Function Operation
Chapter 6 Measure Function
6.7 Spurious Emission Measurement

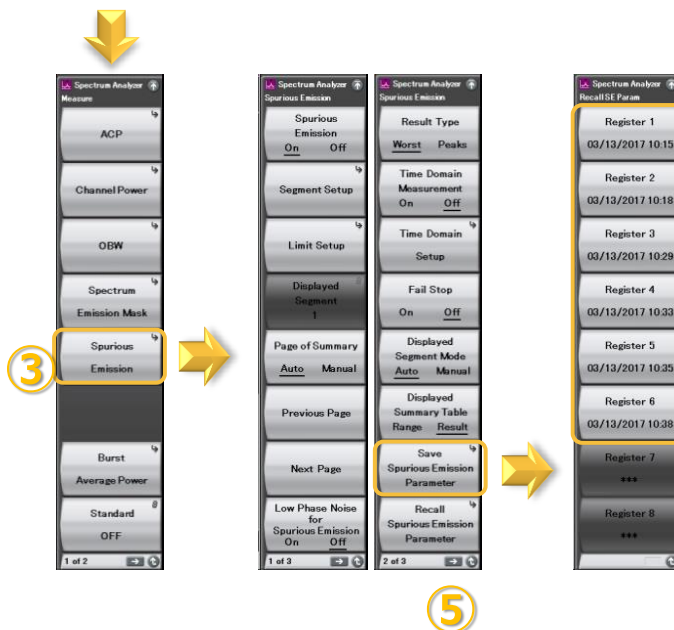
Managing Parameter Files Created by Main Unit Using PC/HDD/USB Memory <Backup>

First, set each of the parameters using the Spurious Emission function.
 *Refer to the operation manual for the setting method.

Save the parameters using the Spurious Emission function.

[Operation Method]

- ① [SPA]
- ② [Measure]
- ③ [F5: Spurious Emission]
- ④ [→] (to page 2)
- ⑤ [F7: Save Spurious Emission Parameter]
- ⑥ Press Save Destination key (F1 to F8).



The parameter files displayed on-screen are listed in the save order (MM/DD/YYYY and Time).
 To change the display, refer to the instructions on page 6.

The parameter file name is in the style of SEParam_xx.xml where, xx is the number (01 to 08) of the corresponding function key F1 to F8.

Insert the USB memory stick into the main unit and copy the parameter files from the following folder. The files are displayed with file names as shown on the right.

Path to destination folder for parameter file saved using Spurious Emission function:
 "D:\Anritsu Corporation\Signal Analyzer\User Data\Parameter Setting\Spectrum Analyzer"

| 名前 (Name) | サイズ (Size) | 種類 (Type) |
|----------------|------------|------------|
| SEParam_01.xml | 44 KB | XML ドキュメント |
| SEParam_02.xml | 44 KB | XML ドキュメント |
| SEParam_03.xml | 44 KB | XML ドキュメント |
| SEParam_04.xml | 44 KB | XML ドキュメント |
| SEParam_05.xml | 44 KB | XML ドキュメント |
| SEParam_06.xml | 44 KB | XML ドキュメント |

Copying Backed-up Parameter Files to Main Unit

Copy the Spurious Emission parameter files "SEParam_xx.xml" (xx is 01 to 08) to USB memory and then copy from USB memory to the specified folder copy destination in the MS2830A/MS2840A/MS2850A.

[Procedure]

1. Copy the parameter files to the USB memory.

| 名前 (Name) | サイズ (Size) | 種類 (Type) |
|----------------|------------|------------|
| SEParam_01.xml | 44 KB | XML ドキュメント |
| SEParam_02.xml | 44 KB | XML ドキュメント |
| SEParam_03.xml | 44 KB | XML ドキュメント |
| SEParam_04.xml | 44 KB | XML ドキュメント |
| SEParam_05.xml | 44 KB | XML ドキュメント |
| SEParam_06.xml | 44 KB | XML ドキュメント |

2. Insert the USB memory into the copy destination MS2830A/MS2840A/MS2850A.
3. Display the Desktop on the MS2830A/MS2840A/MS2850A screen.
 - Right-click mouse.
 - Show the Desktop
4. Open the folder on the USB memory copied in step 1.
 - Start
 - My Computer
 - Double-click the USB memory drive.
 - Open the folder on step 1.
5. Open the following folder in the MS2830A/MS2840A/MS2850A and copy the parameter files to it.

Path to destination folder for parameter file saved using Spurious Emission function^{Note}:
"D:¥Anritsu Corporation¥Signal Analyzer¥User Data¥Parameter Setting¥Spectrum Analyzer"

Note: Any existing files in the specified folder are overwritten.
Move any required original files by backing-up to another location as necessary.

Note: The above folder is not created if parameter files have not been saved at least once to the main unit.
In this case, save the parameter files using the following procedure. Doing so creates the folder.

[Procedure] [SPA] > [Measure] > [F5: Spurious Emission] > [→] (page 2)
> [F7: Save Spurious Emission Parameter] > [F1: Register 1]

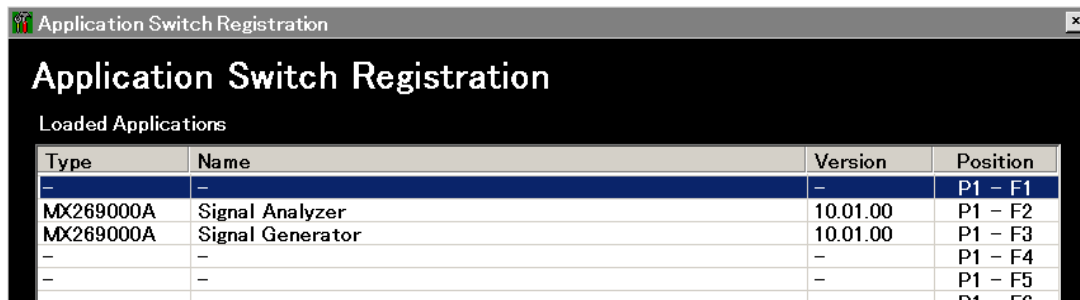
Recognizing Parameter Files

Spurious Emission parameter files are not usable simply by copying to the main unit. Copied parameter files are recognized* for use by unloading the Spectrum Analyzer application once and then reloading the application.

*Parameter files are also recognized by restarting.

[Procedure]

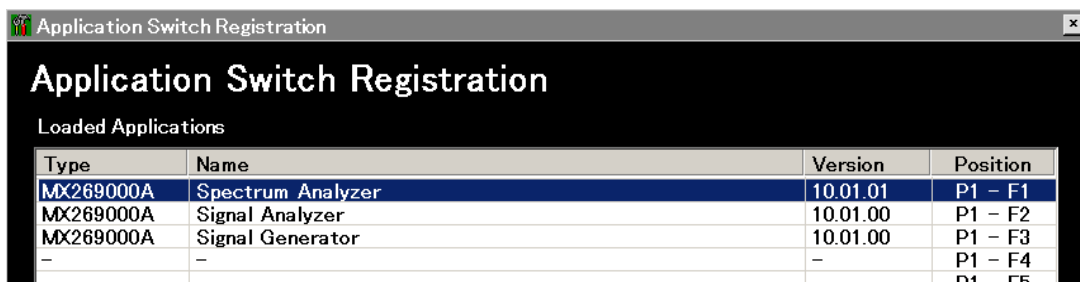
1. Unload Spectrum Analyzer from Applications.
 - [System Config]
 - [F4: Application Switch Setting]
 - [F2: UnLoad Application Select] (cursor at top of screen)
 - Move cursor to Spectrum Analyzer.
 - [F7: Set]
 - [OK]
 - Confirm Spectrum Analyzer deleted.



The screenshot shows a window titled "Application Switch Registration" with a table of loaded applications. The table has four columns: Type, Name, Version, and Position. The first row is highlighted in blue.

| Type | Name | Version | Position |
|-----------|------------------|----------|----------|
| - | - | - | P1 - F1 |
| MX269000A | Signal Analyzer | 10.01.00 | P1 - F2 |
| MX269000A | Signal Generator | 10.01.00 | P1 - F3 |
| - | - | - | P1 - F4 |
| - | - | - | P1 - F5 |

2. Reload Spectrum Analyzer.
 - [System Config]
 - [F4: Application Switch Setting]
 - [F1: Load Application Select] (cursor at bottom of screen)
 - Move cursor to Spectrum Analyzer.
 - [F7: Set]
 - Confirm Spectrum Analyzer displayed.



The screenshot shows the same "Application Switch Registration" window, but now the "Spectrum Analyzer" application is listed in the table. The first row is highlighted in blue.

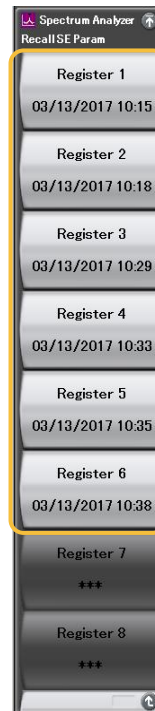
| Type | Name | Version | Position |
|-----------|-------------------|----------|----------|
| MX269000A | Spectrum Analyzer | 10.01.01 | P1 - F1 |
| MX269000A | Signal Analyzer | 10.01.00 | P1 - F2 |
| MX269000A | Signal Generator | 10.01.00 | P1 - F3 |
| - | - | - | P1 - F4 |
| - | - | - | P1 - F5 |

Recalling Parameter File with Spurious Function

A parameter file can be recalled using [Spectrum Emission] of [Spectrum Analyzer]

[Procedure]

- ① [SPA]
- ② [Measure]
- ③ [F5: Spurious Emission]
- ④ [→] (page 2)
- ⑤ [F8: Recall Spurious Emission Parameter]
- ⑥ Select any parameter file.



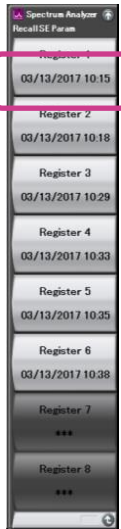
The parameter files displayed on-screen are listed in the save order (MM/DD/YYYY and Time). To change the display, refer to the instructions on page 6.

[Supplementary] Changing Parameter File Display

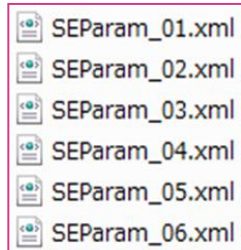
This page explains how to change the **characters displayed on-screen** when recalling a parameter file using [Spurious Emission].

[Procedure]

1. With a PC, etc., open the parameter file using a text editor, etc., (Notepad).



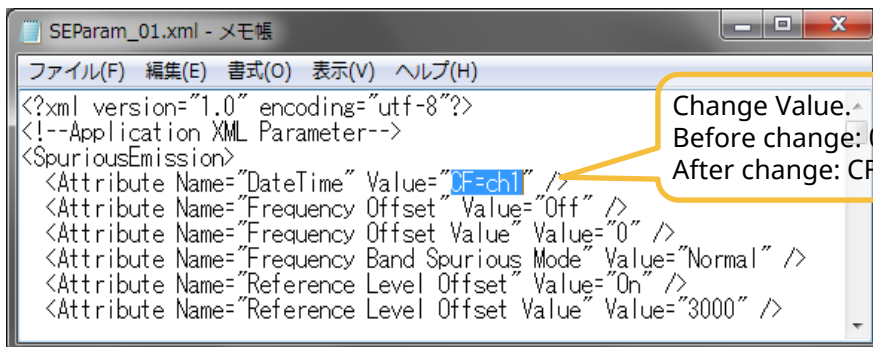
Example: 6 parameters



The parameter file name is in the style of SEParam_xx.xml where, xx is the number (01 to 08) of the corresponding function key F1 to F8.

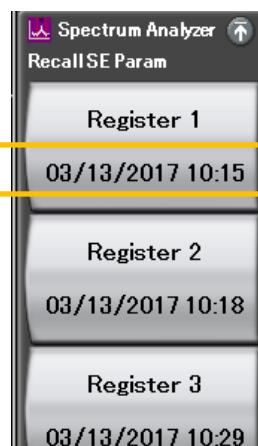
Note: DO NOT change the file name (SEParam_xx.wml).

2. Change the part of the text shown in the following screen as required and save the change.

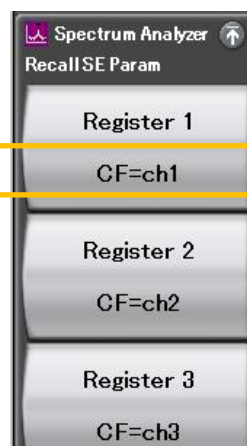


3. When using a parameter file with a changed name, use the [Copy], [Recognize], and [Recall] functions as described above.

Before Change



After Change



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