



L C I E

## TEST REPORT

Number  
Composition of document

## DFS

125772-652184D  
78 pages

FCC Registration Number  
Industry Canada Number

166175 (FAR)  
6230B

### Standards

47 CFR Part 15.407  
RSS-210, Issue 8  
RSS-Gen, Issue 3

### Issued to

SAGEMCOM  
250, route de l'Empereur  
92848 RUEIL MALMAISON

### Apparatus under test

Trade mark  
Manufacturer  
Type  
Serial number  
FCC ID

Home router  
SAGEMCOM  
SAGEMCOM  
Fast 5260  
1222222222222222  
VW3FAST5260

### Test date

2013/07/22 to 2013/07/25

### Tests performed by

Stéphane PHOUDIAH

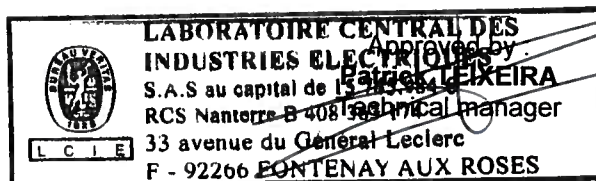
### Test site

Fontenay aux Roses

### Date of issue

February 19<sup>th</sup>, 2014

Written by :  
**Stéphane PHOUDIAH**  
Tests operator



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## 1. TEST PROGRAM

- References**

Standards:

- 47 CFR Part 15E
- RSS-210
- RSS-Gen
- CISPR 16-4-2
- ANSI C63.10

| Standard Section  | Test Description                  | TEST RESULT - Comments           |
|---|-----------------------------------|----------------------------------|
| RSS-Gen § 4.6.1   | Occupied Bandwidth                | See Test Report N°122014-644470C |
| CFR 47 § 15.407 (a) (1) (2) (3)   | -26dB Bandwidth                   | See Test Report N°122014-644470C |
| CFR 47 § 15.407 (a) (1)<br>RSS-210 § A9.2 (1)   | Power Limits                      | See Test Report N°122014-644470C |
| CFR 47 § 15.407 (a) (1)<br>RSS-210 § A9.2 (1)   | Power Spectral Density            | See Test Report N°122014-644470C |
| CFR 47 § 15.207 (a) (6)   | Peak Excursion Ratio              | See Test Report N°122014-644470C |
| CFR 47 § 15.407 (b) (1) (2) (3)<br>RSS-210 § A9.2 (1) (2) (3)                               | Undesirable Emission limits       | See Test Report N°122014-644470C |
| CFR 47 § 15.407 (b) (6)<br>CFR 47 § 15.207<br>RSS-Gen § 7.2.4<br>RSS-210 § A9.2 (3)         | AC Power Line Conducted Emissions | See Test Report N°122014-644470C |
| CFR 47 § 15.209 (a)<br>CFR 47 § 15.205 (a)<br>CFR 47 § 15.407 (b) (6)<br>RSS-210 § A9.2 (3) | Unwanted Emissions                | See Test Report N°122014-644470C |
| CFR 47 § 15.407 (g)   | Frequency Stability               | See Test Report N°122014-644470C |
| CFR 47 § 15.407 (h) (1)   | Transmit Power Control            | See Test Report N°122014-644470C |
| CFR 47 § 15.407 (h) (2)<br>RSS 210 A9.3   | Dynamic Frequency Selection       | PASS                             |

PASS: UUT complies with standard's requirement  
 FAIL: UUT does not comply with standard's requirement  
 NA: Not Applicable  
 NP: Test Not Performed



## 2. EQUIPMENT DESCRIPTION

### 2.1. HARDWARE & SOFTWARE IDENTIFICATION

- Equipment under test (UUT):



Front view



Rear View

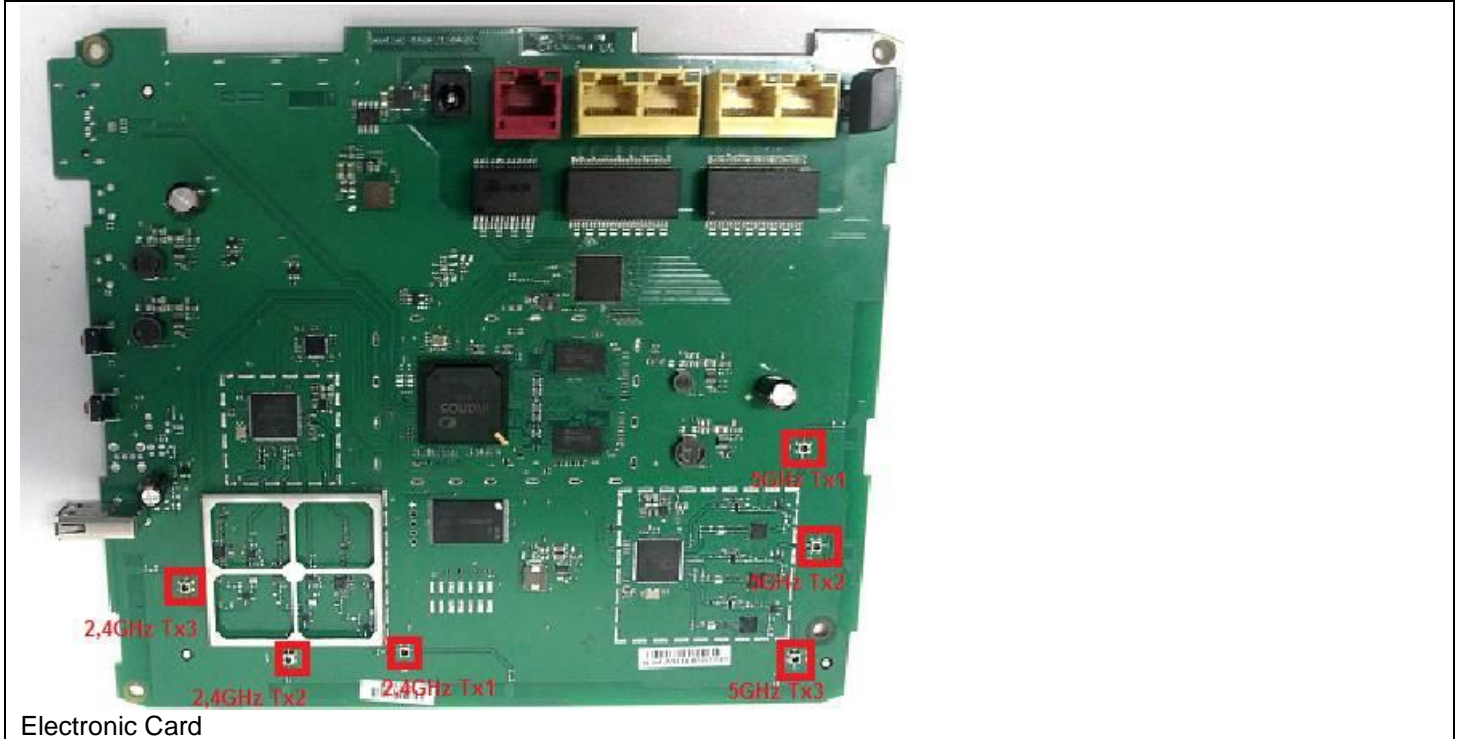


Side view



Power Supply

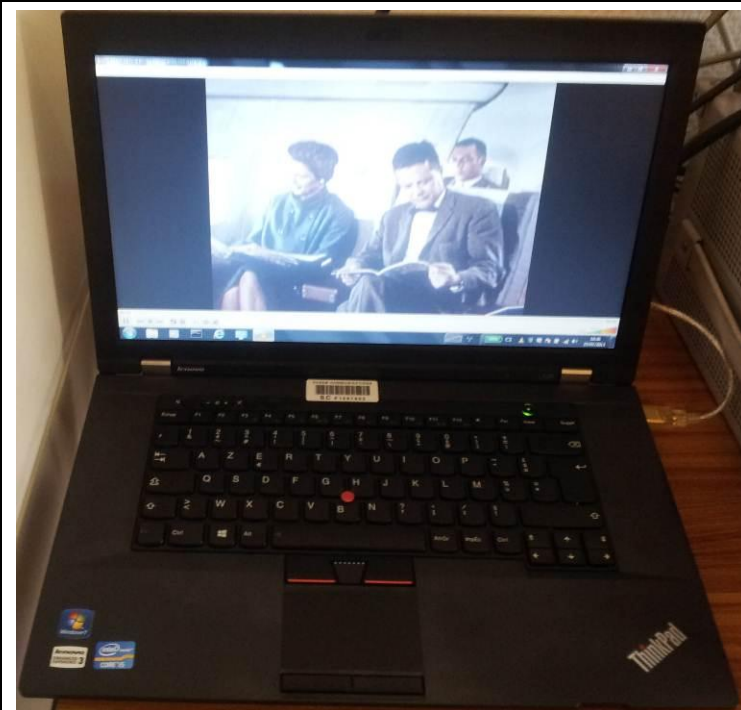
Photograph of UUT



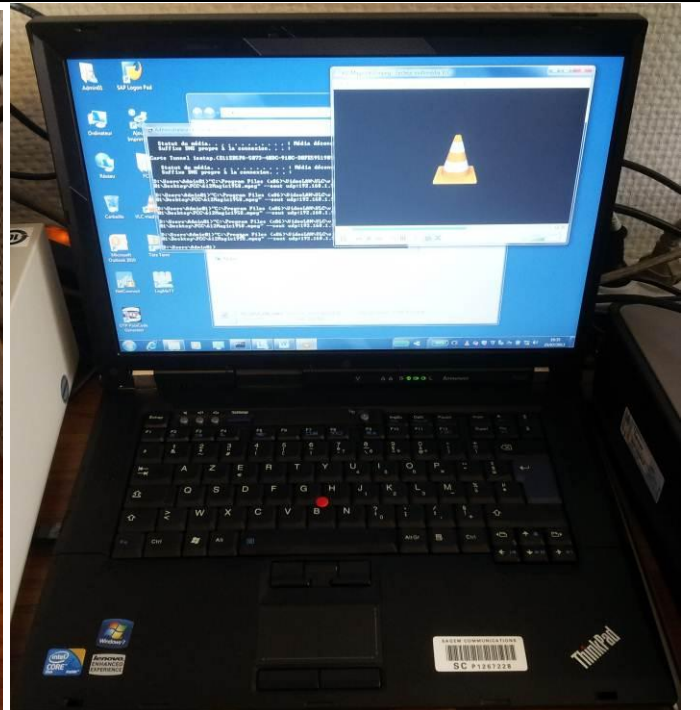
Electronic Card  
Photograph of EUT



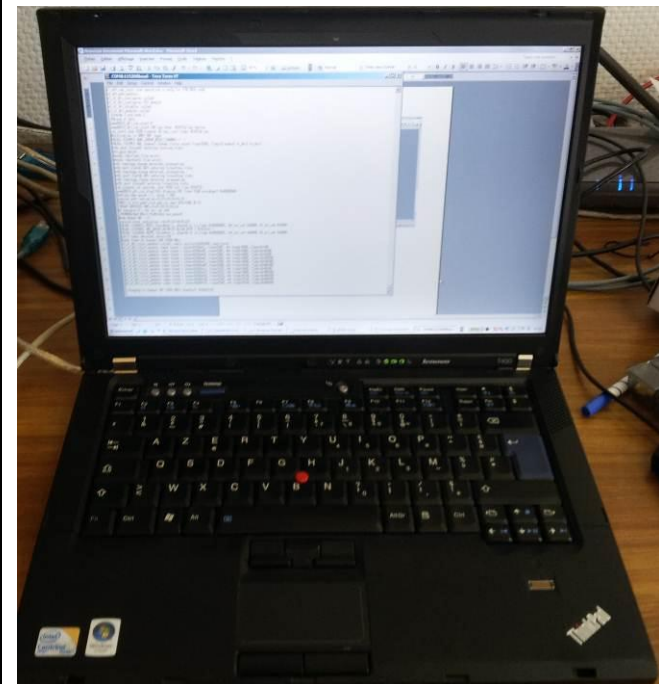
- **Auxiliary equipment (AE) used for testing:**



Laptop 1 for Client Device: Lenovo L530



Laptop 2 for Master Device: Lenovo R500



Laptop 3 for Master Device Setting & Radar Detection Monitoring



Client Device: CISCO LINKSYS AC530 inside the Shielded Box

Photograph of AE



- **Input/output:**

- Input Power
- 4 Ethernet ports
- 1 WAN port
- 1 USB ports

- **Software identification:**

- Software version: V6.0.9.1

- **Equipment of the same family:**

According to the manufacturer declaration, the router Fast 5260 is a variant of the router F@st 5260CV. This variant is created by removing e-SATA interface and one USB interface (See FAST 5260 declaration for more information), and the radio parts of these 2 variants are strictly identical.

So, Conducted Test results in this test report are retrieves from F@st 5260CV test report (FCC ID: VW3FAST5260CV).

- **Equipment information:**

- Wifi Version: 802.11a/n HT20/n HT40/ac VHT80
- Modulation technology: OFDM and DSSS modulation
- DFS operation: Master
- User Access Restrictions: Yes (The Manufacturer declares the DFS setting will be not accessible to the end user)
- Time for power-on cycle: The Manufacturer declares a power-on cycle of 54 seconds
- Uniform Spreading: Yes (The Manufacturer declares a uniform channel loading of the spectrum across all channels)
- Number of transmit chains: 3 symmetrical
- Number of receiver chains: 3
- Type of the equipment: Stand-alone equipment
- Type of power source: External power supply
- Antenna type: Integral
- Test sequence/test software used: See 2.2. Running Mode
- System Architecture: IP based
- Operating frequency range

| Frequency Band (MHz)        | Test Report      |
|-----------------------------|------------------|
| 2400MHz to 2483,5MHz        | 125772-652184A   |
| 5150MHz to 5350MHz          | 125772-652184C&D |
| 5470MHz to 5725MHz (Note 1) | 125772-652184C&D |
| 5725MHz to 5850MHz          | 125772-652184B   |

(Note1: The Manufacturer declares the 5600MHz -5650MHz band is not available)



-Channel plan 802.11a, 802.11n HT20:

| Channel | Frequency (MHz) |
|---------|-----------------|
| C1=36   | 5180            |
| C2=40   | 5200            |
| 44      | 5220            |
| C3=48   | 5240            |
| C4=52   | 5260            |
| 56      | 5280            |
| C5=60   | 5300            |
| C6=64   | 5320            |
| C7=100  | 5500            |
| 104     | 5520            |
| 108     | 5540            |
| 112     | 5560            |
| C8=116  | 5580            |
| 132     | 5660            |
| 136     | 5680            |
| C9=140  | 5700            |

-Channel plan 802.11n HT40:

|             | Frequency (MHz) |
|-------------|-----------------|
| C10=36+40   | 5190            |
| C11=44+48   | 5230            |
| C12=52+56   | 5270            |
| C13=60+64   | 5310            |
| C14=100+104 | 5510            |
| C15=108+112 | 5550            |
| C16=132+136 | 5670            |

-Channel plan 802.11ac VHT80:

| Channel             | Frequency (MHz) |
|---------------------|-----------------|
| C17=36+40+44+48     | 5210            |
| C18=52+56+60+64     | 5290            |
| C19=100+104+108+112 | 5530            |





-Data Rate:

| 802.11a          |                 |
|------------------|-----------------|
| Data Rate (Mbps) | Modulation Type |
| 6                | BPSK            |
| 9                | BPSK            |
| 12               | QPSK            |
| 18               | QPSK            |
| 24               | 16-QAM          |
| 36               | 16-QAM          |
| 48               | 64-QAM          |
| 54               | 64-QAM          |

| MCS index | Spatial streams | Modulation Type | 802.11n HT20       |          | 802.11n HT40       |          |
|-----------|-----------------|-----------------|--------------------|----------|--------------------|----------|
|           |                 |                 | Data rate (Mbit/s) |          | Data rate (Mbit/s) |          |
|           |                 |                 | GI=800ns           | GI=400ns | GI=800ns           | GI=400ns |
| 0         | 1               | BPSK            | 6.50               | 7.20     | 13.50              | 15.00    |
| 1         | 1               | QPSK            | 13.00              | 14.40    | 27.00              | 30.00    |
| 2         | 1               | QPSK            | 19.50              | 21.70    | 40.50              | 45.00    |
| 3         | 1               | 16-QAM          | 26.00              | 28.90    | 54.00              | 60.00    |
| 4         | 1               | 16-QAM          | 39.00              | 43.30    | 81.00              | 90.00    |
| 5         | 1               | 64-QAM          | 52.00              | 57.80    | 108.00             | 120.00   |
| 6         | 1               | 64-QAM          | 58.50              | 65.00    | 121.50             | 135.00   |
| 7         | 1               | 64-QAM          | 65.00              | 72.20    | 135.00             | 150.00   |
| 8         | 2               | BPSK            | 13.00              | 14.40    | 27.00              | 30.00    |
| 9         | 2               | QPSK            | 26.00              | 28.90    | 54.00              | 60.00    |
| 10        | 2               | QPSK            | 39.00              | 43.30    | 81.00              | 90.00    |
| 11        | 2               | 16-QAM          | 52.00              | 57.80    | 108.00             | 120.00   |
| 12        | 2               | 16-QAM          | 78.00              | 86.70    | 162.00             | 180.00   |
| 13        | 2               | 64-QAM          | 104.00             | 115.60   | 216.00             | 240.00   |
| 14        | 2               | 64-QAM          | 117.00             | 130.00   | 243.00             | 270.00   |
| 15        | 2               | 64-QAM          | 130.00             | 144.40   | 270.00             | 300.00   |
| 16        | 3               | BPSK            | 19.50              | 21.70    | 40.50              | 45.00    |
| 17        | 3               | QPSK            | 39.00              | 43.30    | 81.00              | 90.00    |
| 18        | 3               | QPSK            | 58.50              | 65.00    | 121.50             | 135.00   |
| 19        | 3               | 16-QAM          | 78.00              | 86.70    | 162.00             | 180.00   |
| 20        | 3               | 16-QAM          | 117.00             | 130.00   | 243.00             | 270.00   |
| 21        | 3               | 64-QAM          | 156.00             | 173.30   | 324.00             | 360.00   |
| 22        | 3               | 64-QAM          | 175.50             | 195.00   | 364.50             | 405.00   |
| 23        | 3               | 64-QAM          | 195.00             | 216.70   | 405.00             | 450.00   |



| MCS index | Spatial streams | Modulation Type | 802.11ac VHT80     |          |
|-----------|-----------------|-----------------|--------------------|----------|
|           |                 |                 | Data rate (Mbit/s) |          |
|           |                 |                 | GI=800ns           | GI=400ns |
| 0         | 1               | BPSK            | 29.3               | 32.5     |
| 1         | 1               | QPSK            | 58.5               | 65       |
| 2         | 1               | QPSK            | 87.8               | 97.5     |
| 3         | 1               | 16-QAM          | 117                | 130      |
| 4         | 1               | 16-QAM          | 175.5              | 195      |
| 5         | 1               | 64-QAM          | 234                | 260      |
| 6         | 1               | 64-QAM          | 263.3              | 292.5    |
| 7         | 1               | 64-QAM          | 292.5              | 325      |
| 8         | 1               | 256-QAM         | 351                | 390      |
| 9         | 1               | 256-QAM         | 390                | 433.3    |
| 10        | 2               | BPSK            | 58,6               | 65       |
| 11        | 2               | QPSK            | 117                | 130      |
| 12        | 2               | QPSK            | 175.6              | 195      |
| 13        | 2               | 16-QAM          | 234                | 260      |
| 14        | 2               | 16-QAM          | 351                | 390      |
| 15        | 2               | 64-QAM          | 468                | 520      |
| 16        | 2               | 64-QAM          | 526.6              | 585      |
| 17        | 2               | 64-QAM          | 585                | 650      |
| 18        | 2               | 256-QAM         | 702                | 780      |
| 19        | 2               | 256-QAM         | 780                | 866.6    |
| 20        | 3               | BPSK            | 87.9               | 97.5     |
| 21        | 3               | QPSK            | 175.5              | 195      |
| 22        | 3               | QPSK            | 263.4              | 292.5    |
| 23        | 3               | 16-QAM          | 351                | 390      |
| 24        | 3               | 16-QAM          | 526,5              | 585      |
| 25        | 3               | 64-QAM          | 702                | 780      |
| 26        | 3               | 64-QAM          | 789.9              | 877.5    |
| 27        | 3               | 64-QAM          | 877.5              | 975      |
| 28        | 3               | 256-QAM         | 1053               | 1170     |
| 29        | 3               | 256-QAM         | 1170               | 1299.9   |



-Conducted Power (Note 2), Antenna Gain (Note 3) & EIRP

802.11a

| Channel | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | G1 (dBi) | G2 (dBi) | G3 (dBi) | EIRP 1 (dBm) | EIRP 2 (dBi) | EIRP 3 (dBi) |
|---------|-----------|-----------|-----------|----------|----------|----------|--------------|--------------|--------------|
| C4      | 15        | 15,17     | 16,41     | 4,6      | 3,7      | 5,4      | 19,6         | 18,87        | 21,81        |
| C5      | 15,34     | 15,3      | 16,5      | 4,6      | 3,7      | 5,4      | 19,94        | 19           | 21,9         |
| C6      | 15,41     | 15,49     | 16,57     | 4,6      | 3,7      | 5,4      | 20,01        | 19,19        | 21,97        |
| C7      | 15,81     | 15,94     | 16,5      | 4,6      | 3,7      | 5,4      | 20,41        | 19,64        | 21,9         |
| C8      | 15,79     | 15,73     | 17,11     | 4,6      | 3,7      | 5,4      | 20,39        | 19,43        | 22,51        |
| C9      | 14,66     | 15,09     | 16,33     | 4,6      | 3,7      | 5,4      | 19,26        | 18,79        | 21,73        |

802.11n HT20

| Channel | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | G1 (dBi) | G2 (dBi) | G3 (dBi) | EIRP 1 (dBm) | EIRP 2 (dBi) | EIRP 3 (dBi) |
|---------|-----------|-----------|-----------|----------|----------|----------|--------------|--------------|--------------|
| C4      | 14,63     | 14,54     | 15,61     | 4,6      | 3,7      | 5,4      | 19,23        | 18,24        | 21,01        |
| C5      | 14,9      | 14,86     | 15,64     | 4,6      | 3,7      | 5,4      | 19,5         | 18,56        | 21,04        |
| C6      | 15,04     | 15        | 15,78     | 4,6      | 3,7      | 5,4      | 19,64        | 18,7         | 21,18        |
| C7      | 15,27     | 15,57     | 15,98     | 4,6      | 3,7      | 5,4      | 19,87        | 19,27        | 21,38        |
| C8      | 15,24     | 15,41     | 16,38     | 4,6      | 3,7      | 5,4      | 19,84        | 19,11        | 21,78        |
| C9      | 14,34     | 14,5      | 15,67     | 4,6      | 3,7      | 5,4      | 18,94        | 18,2         | 21,07        |

802.11n HT40

| Channel | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | G1 (dBi) | G2 (dBi) | G3 (dBi) | EIRP 1 (dBm) | EIRP 2 (dBi) | EIRP 3 (dBi) |
|---------|-----------|-----------|-----------|----------|----------|----------|--------------|--------------|--------------|
| C12     | 16,36     | 16,5      | 17,47     | 4,6      | 3,7      | 5,4      | 20,96        | 20,2         | 22,87        |
| C13     | 14,39     | 14,48     | 15,09     | 4,6      | 3,7      | 5,4      | 18,99        | 18,18        | 20,49        |
| C14     | 14,79     | 15,13     | 15,61     | 4,6      | 3,7      | 5,4      | 19,39        | 18,83        | 21,01        |
| C15     | 16,86     | 17,37     | 18,02     | 4,6      | 3,7      | 5,4      | 21,46        | 21,07        | 23,42        |
| C16     | 16,05     | 16,81     | 17,24     | 4,6      | 3,7      | 5,4      | 20,65        | 20,51        | 22,64        |

802.11ac 80MHz

| Channel | Tx1 (dBm) | Tx2 (dBm) | Tx3 (dBm) | G1 (dBi) | G2 (dBi) | G3 (dBi) | EIRP 1 (dBm) | EIRP 2 (dBi) | EIRP 3 (dBi) |
|---------|-----------|-----------|-----------|----------|----------|----------|--------------|--------------|--------------|
| C18     | 8,47      | 8,17      | 9,3       | 4,6      | 3,7      | 5,4      | 13,07        | 11,87        | 14,7         |
| C19     | 11,04     | 11,32     | 11,6      | 4,6      | 3,7      | 5,4      | 15,64        | 15,02        | 17           |

(Note 2): Measured in Test Report 122014-644470C

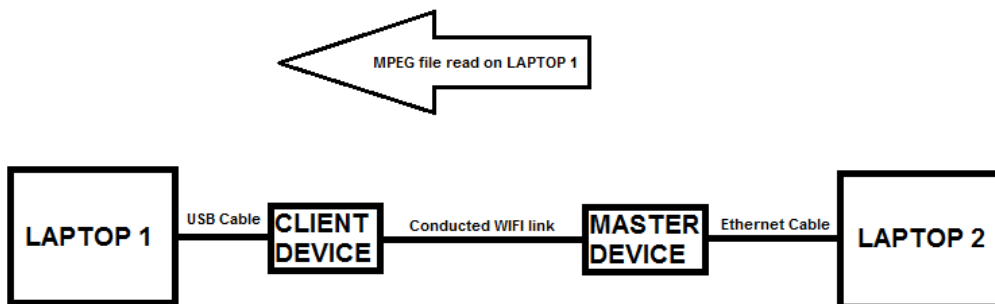
(Note 3): Declared by the Manufacturer



## 2.2. RUNNING MODE

The UUT is set in the following modes during tests:

- System testing is performed with the designed MPEG test file (<http://ntiacsd.ntia.doc.gov/dfs/>) that streams full motion video at 30 frames per second for channel loading from the Master Device to the Client Device on the test channel. This MPEG file is played via 2 laptops as follow:



- All tests are performed at the smallest U-NII Channel Bandwidth (802.11a) as specified in FCC 06-96 (§ 8.3 section 18). However for U-NII Detection Bandwidth test & Statistical Performance Check test, all Channel Bandwidths are tested (802.11a, 802.11n HT20, 802.11n HT40 & 802.11ac VHT80)

-All test are performed at 5500MHz in accordance with FCC 06-96 (§7.8) which specified that one frequency will be chosen from the operating channel of the UUT within the 5250-5350MHz or 5470-5725MHz bands.

## 2.3. EQUIPEMENT LABELLING

**Sagemcom**  
Fast 5260  
Sagemcom P/N: 253584638  
Rating == 12VDC/2.5A

S/N: \*12222222222222\*

WAN MAC: \*FFFFFFFFFFFF\*

WiFi SSID1: BBBB\_2G  
WiFi SSID2: BBBB\_5G  
Password/PIN: \*XXXXXXXX\*

Tested To Comply With  
FCC Standards  
FCC ID: VV3FAST5260

This device complies with Part 16 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

**UUT Marking plate**

**UUT Power supply marking plate**

## 2.4. EQUIPMENT MODIFICATIONS

Modification:

In order to monitor the UUT behavior for radar detection and to set the UUT parameters, a serial cable is plugged between the UUT & the Laptop 3

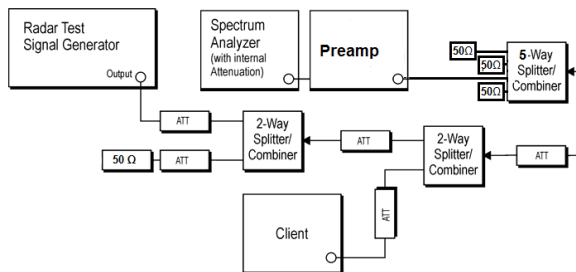


### 3. DFS DETECTION THRESHOLDS DETERMINATION & REFERENCE NOISE LEVEL

#### 3.1. TEST CONDITIONS

Test performed by : Stéphane PHOUDIAH  
Date of test : 2013/07/22  
Ambient temperature : 28°C  
Relative humidity : 46%

#### 3.2. TEST SETUP



#### Spectrum Analyzer Setting:

Center frequency= Center of emission spectrum

Span= 0

Amplitude= Sufficient to observe the signal amplitude

RBW= 3MHz

VBW= 3MHz

Sweep Time= Sufficient to capture the Radar Test Signal

Sweep= Single Sweep

Sweep Point= 5000 for Radar Test Signal Calibration & 32000 for Reference Noise Level

Trace= Clear/Write

Detector= Peak



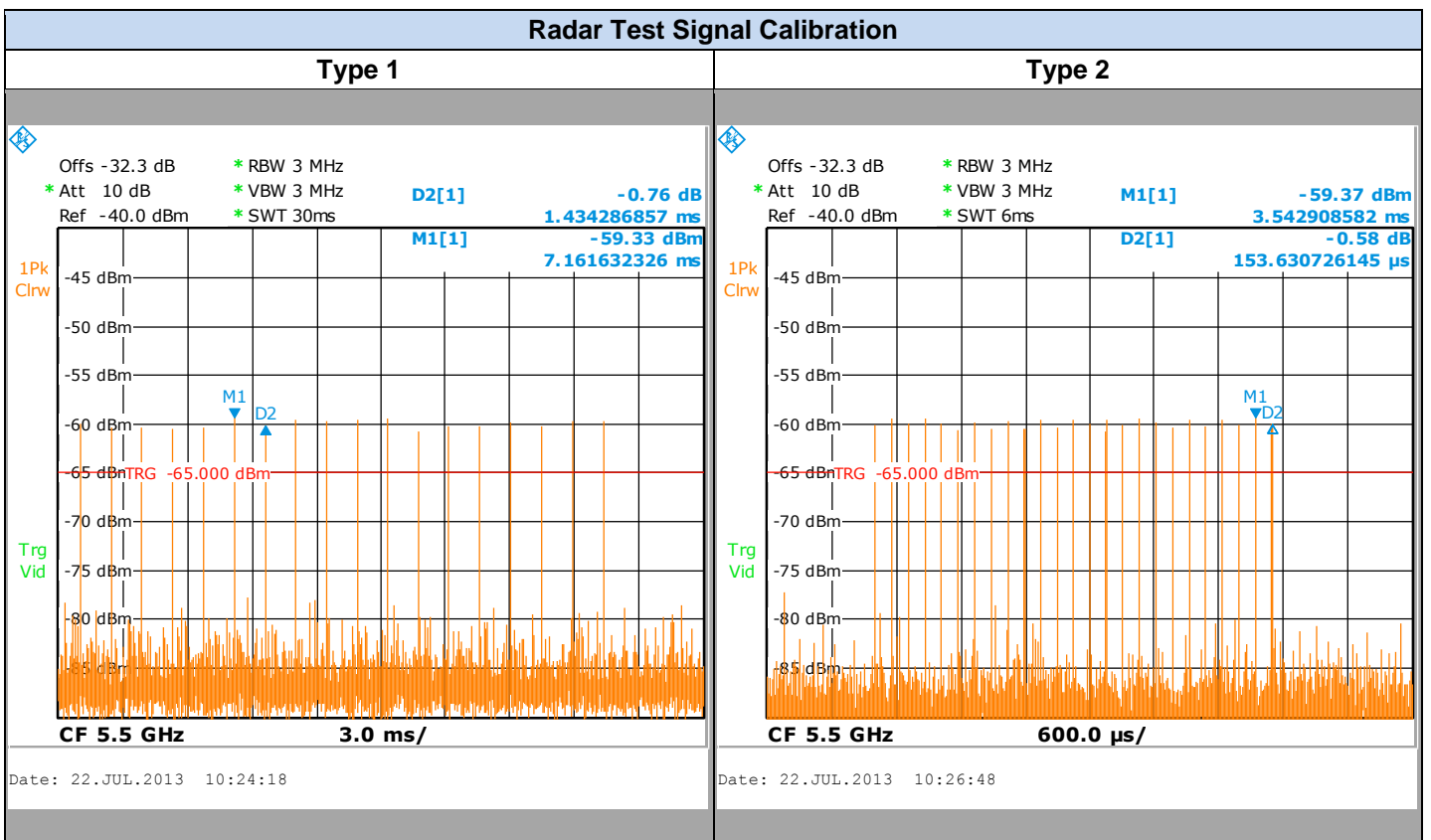
Photograph for Test Signal Level Calibration



### 3.3. GRAPHICS & DFS DETECTION THRESHOLDS DETERMINATION

| Frequency                      | 5500MHz      |
|--------------------------------|--------------|
| Applicable Level (dBm)         | -64 (Note 4) |
| Lowest Antenna Gain (dBi)      | 3,7          |
| Additional Level (dB)          | 1            |
| DFS Detection Thresholds (dBm) | -59,3        |

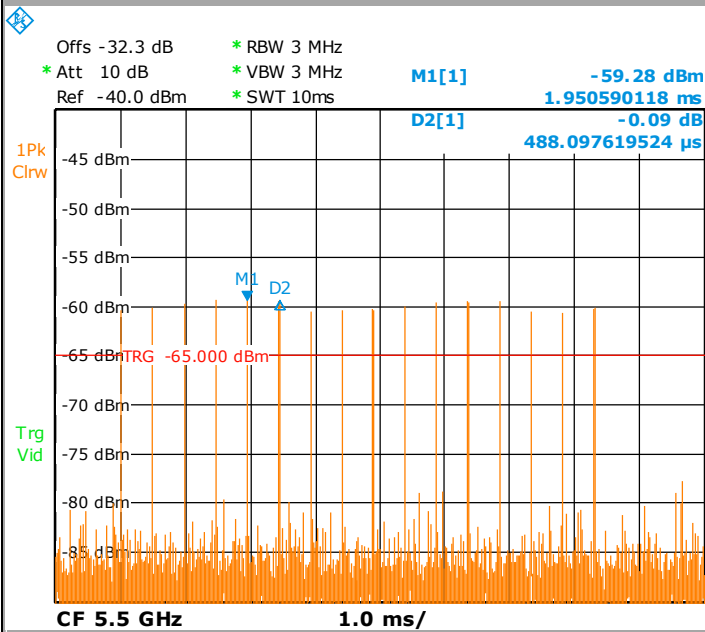
(Note 4): Maximum Transmit Power below 200mW





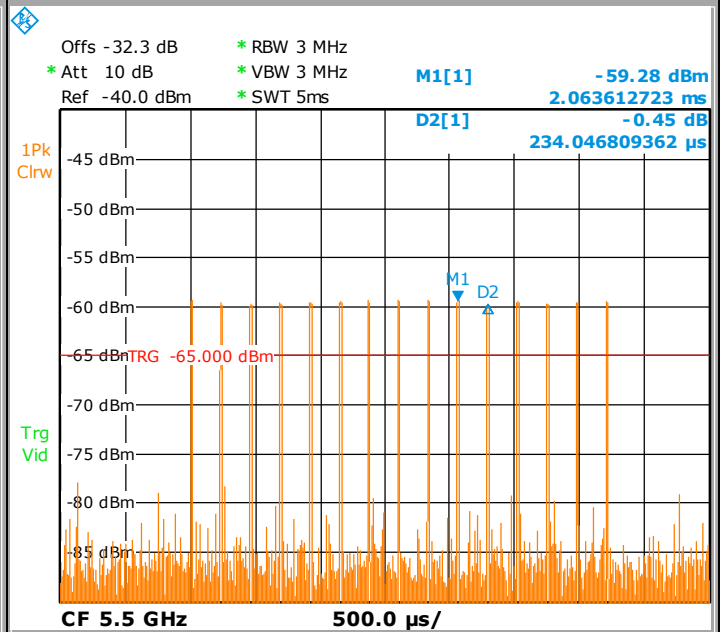
**Radar Test Signal Level Calibration**

**Type 3**



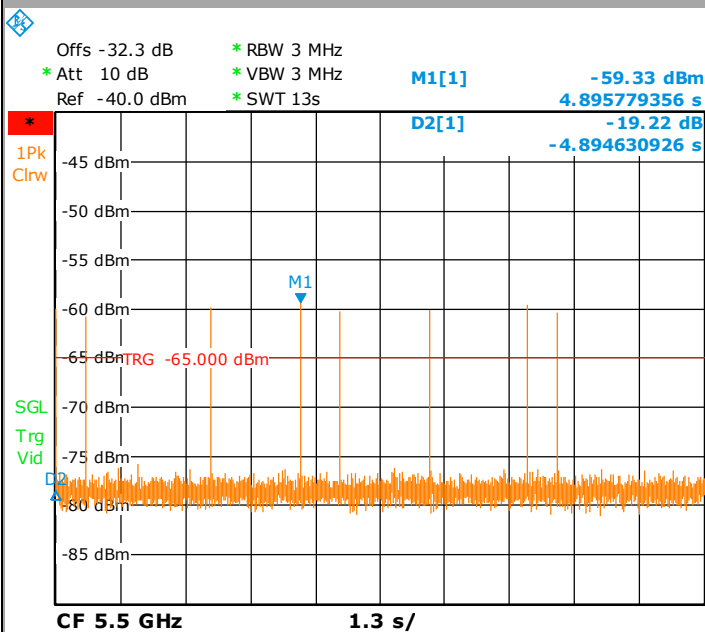
Date: 22.JUL.2013 10:28:14

**Type 4**



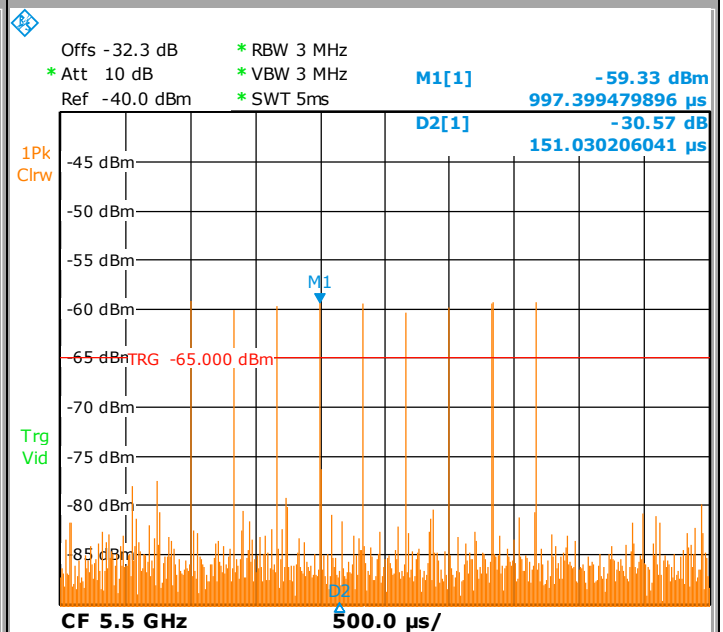
Date: 22.JUL.2013 10:31:49

**Type 5**



Date: 22.JUL.2013 10:39:46

**Type 6**



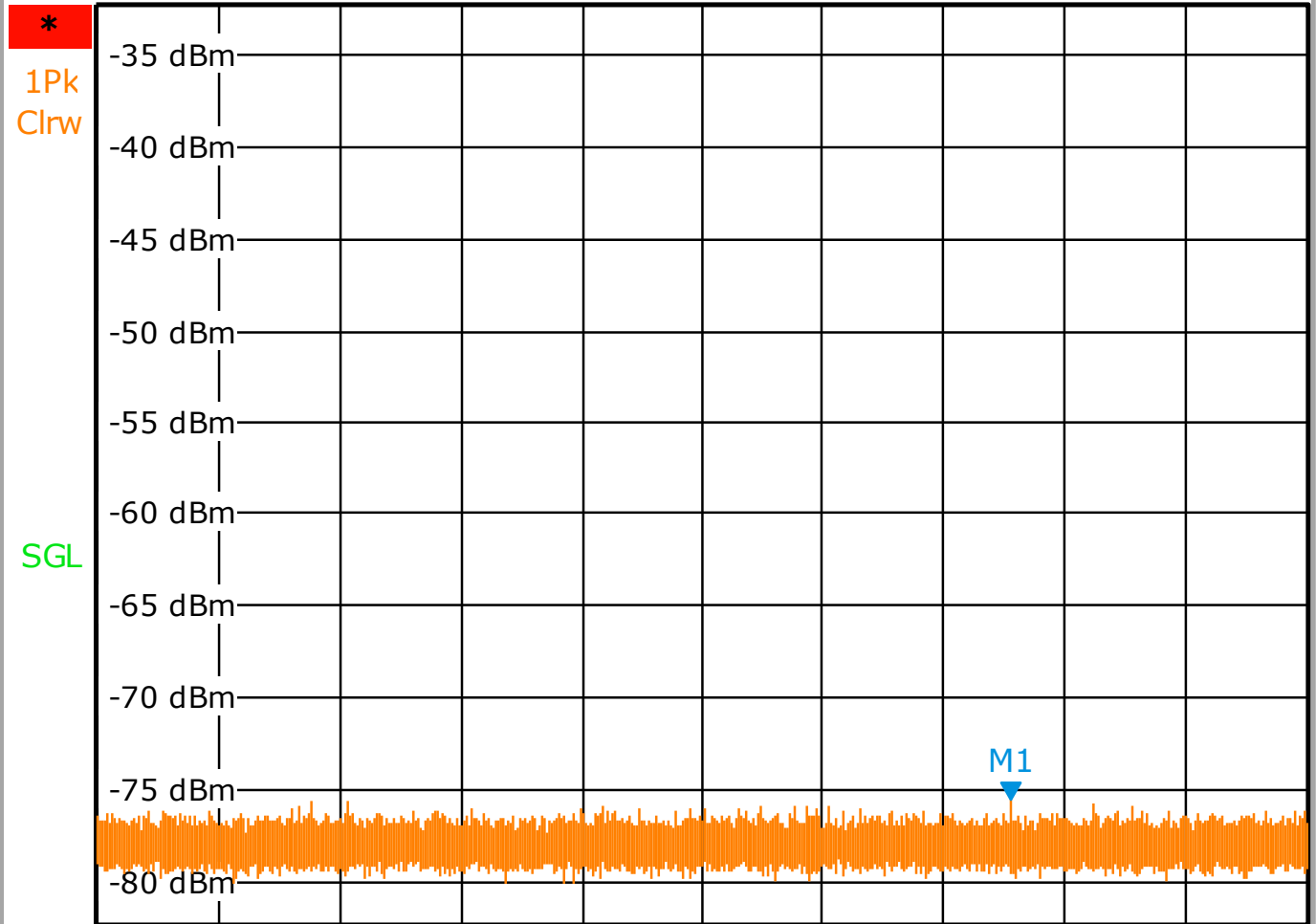
Date: 22.JUL.2013 10:44:08



Reference Noise Level



Offs -32.3 dB      \* RBW 3 MHz  
\* Att 10 dB      \* VBW 3 MHz      **M1[1]**      **-75.51 dBm**  
Ref -32.3 dBm      \* SWT 210s      **158.522141317 s**



**CF 5.5 GHz**      **21.0 s/**

Date: 22.JUL.2013 10:51:39





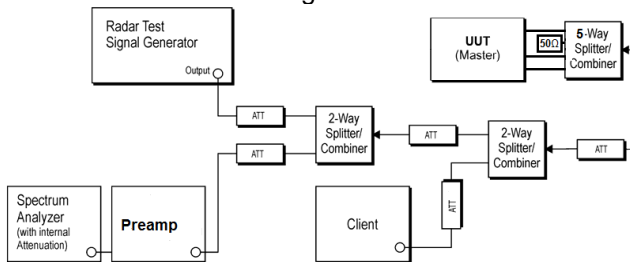
## 4. U-NII DETECTION BANDWIDTH

### 4.1. TEST CONDITIONS

Test performed by : Stéphane PHOUDIAH  
Date of test : 2013/07/22  
Ambient temperature : 28°C  
Relative humidity : 46%

### 4.2. TEST SETUP

The Equipment Under Test installed on a table. Measurement is performed on the UUT conducted access. The product has been tested according the FCC 06-96. The Radar Test Signal 1 is used for this test.



Photograph for DFS U-NII Detection Bandwidth









| 802.11ac VHT80 | Channel 19 5530 MHz                 |         |         |         | U-NII Detection Bandwidth |         |         |         |         |         |          |               |
|----------------|-------------------------------------|---------|---------|---------|---------------------------|---------|---------|---------|---------|---------|----------|---------------|
|                | Trial: Detection=1 & No Detection=0 |         |         |         |                           |         |         |         |         |         |          |               |
|                | Radar Frequency (MHz)               | Trial 1 | Trial 2 | Trial 3 | Trial 4                   | Trial 5 | Trial 6 | Trial 7 | Trial 8 | Trial 9 | Trial 10 | Detection (%) |
| 5490           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5491           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5492           | 1                                   | 1       | 0       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5493           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5494           | 1                                   | 0       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5495           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5496           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5497           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5498           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5499           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| FL=5500        | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5501           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5502           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5503           | 1                                   | 1       | 1       | 0       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5504           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5505           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5506           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5507           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 0       | 1       | 1        | 90            |
| 5508           | 1                                   | 1       | 0       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5509           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5510           | 1                                   | 1       | 0       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5511           | 1                                   | 1       | 1       | 0       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5512           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 0       | 1       | 1        | 90            |
| 5513           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 0       | 1       | 1        | 90            |
| 5514           | 1                                   | 1       | 1       | 1       | 1                         | 0       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5515           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5516           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5517           | 1                                   | 1       | 0       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5518           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5519           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5520           | 1                                   | 0       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5521           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5522           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5523           | 1                                   | 1       | 1       | 0       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5524           | 1                                   | 1       | 1       | 1       | 1                         | 0       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5525           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5526           | 1                                   | 0       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5527           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 0       | 1       | 1        | 90            |
| 5528           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 0       | 1       | 1       | 1        | 90            |
| 5529           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5530           | 1                                   | 1       | 0       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5531           | 1                                   | 1       | 1       | 1       | 0                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5532           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5533           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 100           |
| 5534           | 1                                   | 0       | 1       | 1       | 1                         | 1       | 1       | 1       | 1       | 1       | 1        | 90            |
| 5535           | 1                                   | 1       | 1       | 1       | 1                         | 1       | 1       | 1       | 0       | 1       | 1        | 90            |



|         |   |   |   |   |   |   |   |   |   |   |     |
|---------|---|---|---|---|---|---|---|---|---|---|-----|
| 5536    | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 90  |
| 5537    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5538    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5539    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5540    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5541    | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 90  |
| 5542    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5543    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 90  |
| 5544    | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 90  |
| 5545    | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 90  |
| 5546    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5547    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 90  |
| 5548    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5549    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 90  |
| 5550    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5551    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5552    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 90  |
| 5553    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5554    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5555    | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 90  |
| 5556    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 90  |
| 5557    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5558    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5559    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5560    | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 90  |
| FH=5561 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5562    | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 90  |
| 5563    | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 90  |
| 5564    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5565    | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 90  |
| 5566    | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 90  |
| 5567    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5568    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5569    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |
| 5570    | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100 |

| Radar Test Signal 1            | 802.11a       | 802.11n HT20  | 802.11n HT40  | 802.11ac VHT80 |
|--------------------------------|---------------|---------------|---------------|----------------|
| Channel                        | C7            | C7            | C14           | C19            |
| U-NII Detection Bandwidth(MHz) | Above 13,46   | Above 14.37   | Above 29.7    | Above 60,99    |
| U-NII Detection Bandwidth (%)  | Above 100     | Above 100     | Above100      | Above 100      |
| 80% of Occupied Bandwidth(MHz) | 13,46         | 14,37         | 29,7          | 60,99          |
| 99% Occupied Bandwidth(MHz)    | 16,82 (Note1) | 17,96 (Note1) | 37,12 (Note1) | 76,24 (Note1)  |

Note 1: Measured in test report 122014-644470C

**Result: PASS**

**U-NII Detection Bandwidth Limit:**

Minimum 80% of the U-NII 99% transmission power bandwidth



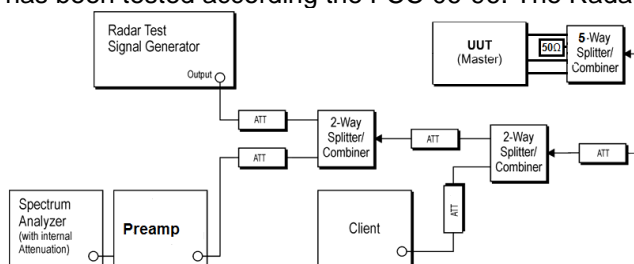
## 5. CHANNEL AVAILABILITY CHECK

### 5.1. TEST CONDITIONS

Test performed by : Stéphane PHOUDIAH  
Date of test : 2013/07/24  
Ambient temperature : 27°C  
Relative humidity : 48%

### 5.2. TEST SETUP

The Equipment Under Test installed on a table. Measurement is performed on the UUT conducted access. The product has been tested according the FCC 06-96. The Radar Test Signal 1 is used for this test.



#### Spectrum Analyzer Setting:

Center frequency= Center of emission spectrum

Span= 0

Amplitude= Sufficient to observe the signal amplitude

RBW= 3MHz

VBW= 3MHz

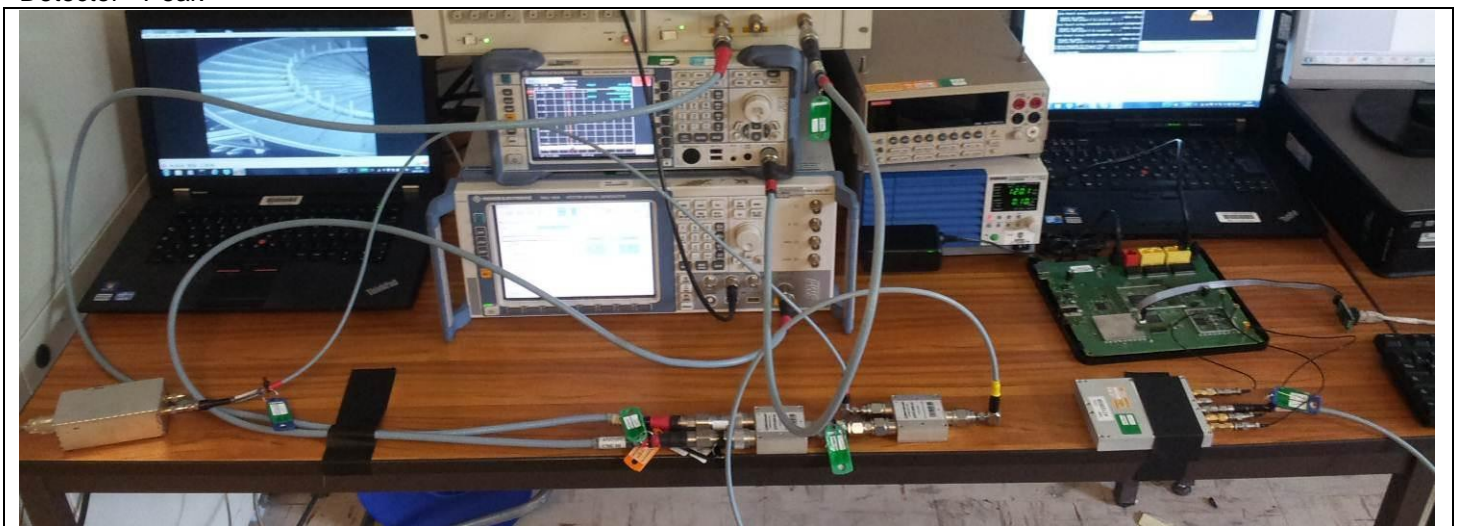
Sweep Time= 210s for CAC Time, 270s for Radar Burst at the Beginning of the Channel Availability Check Time & 340s for Radar Burst at the End of the Channel Availability Check Time

Sweep= Single Sweep

Sweep Point= 32000

Trace= Clear/Write

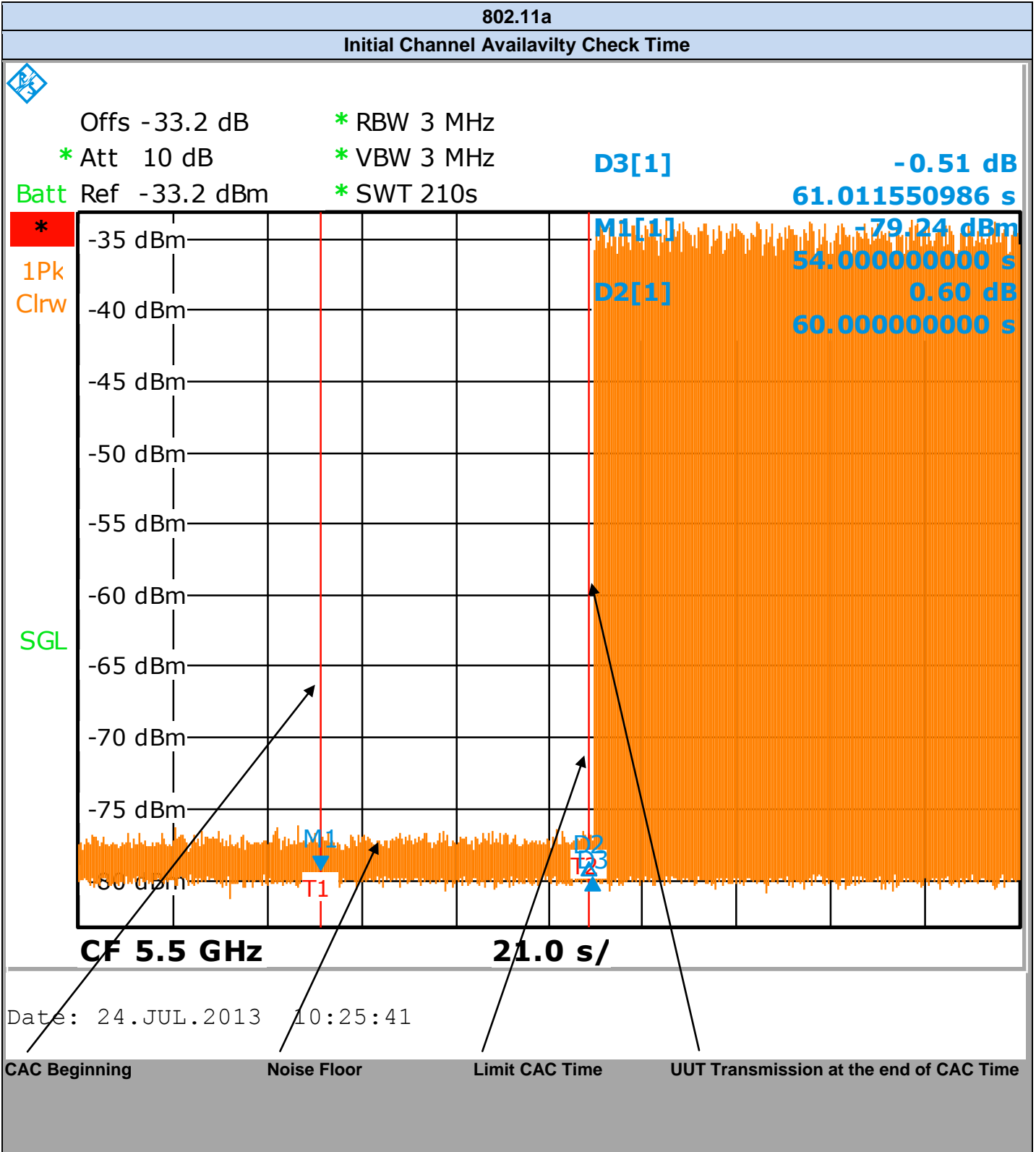
Detector= Peak



Photograph for DFS Channel Availability Check



5.3. GRAPHICS & RESULTS

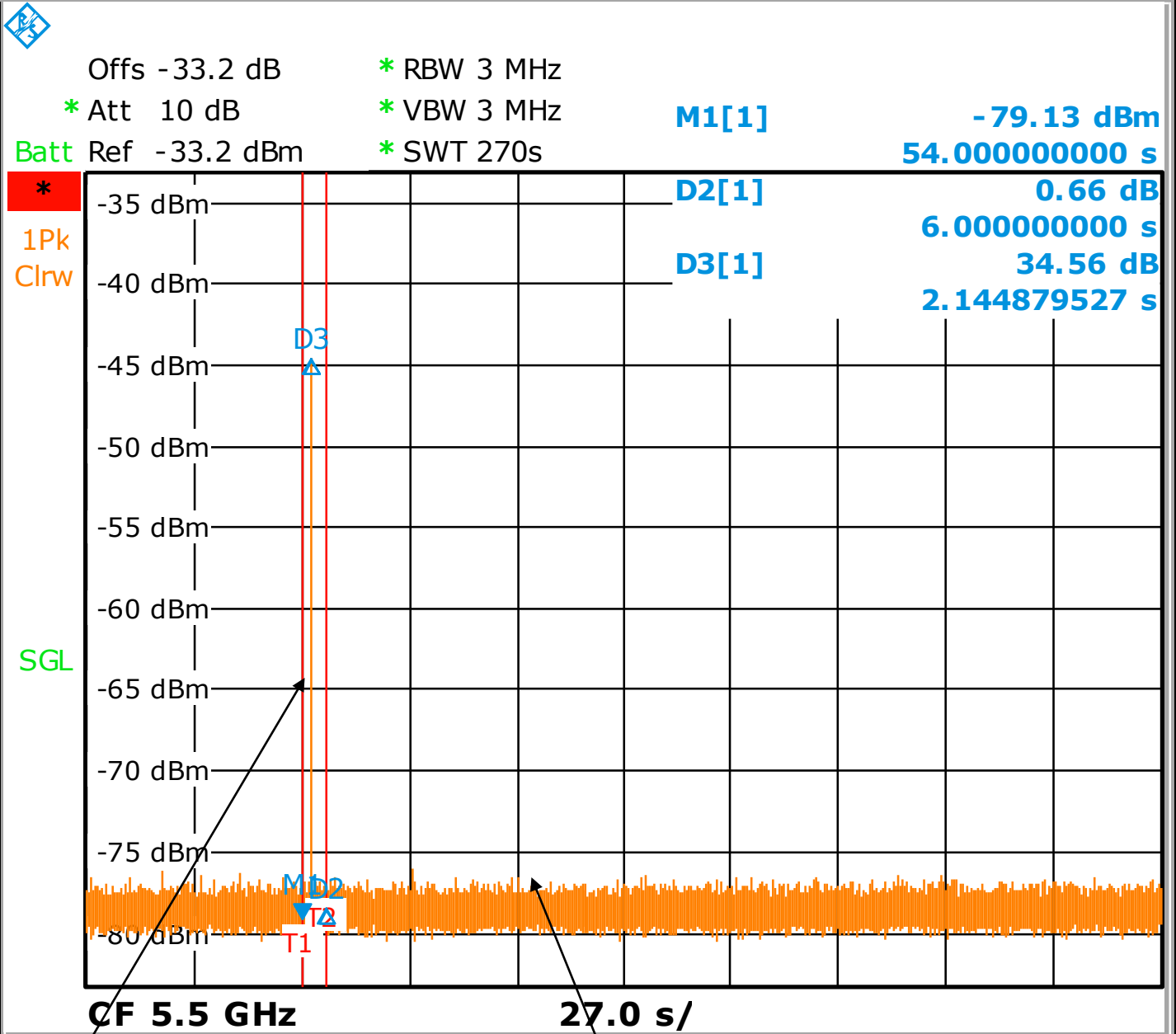






802.11a

Radar Burst at the Beginning of the Channel Availability Check Time



Date: 24.JUL.2013 10:59:32

Radar Burst at the beginning of the CAC Time

Noise Floor



802.11a

Radar Burst at the End of the Channel Availability Check Time



Offs -33.2 dB \* RBW 3 MHz

\* Att 10 dB \* VBW 3 MHz

Batt Ref -33.2 dBm \* SWT 324s

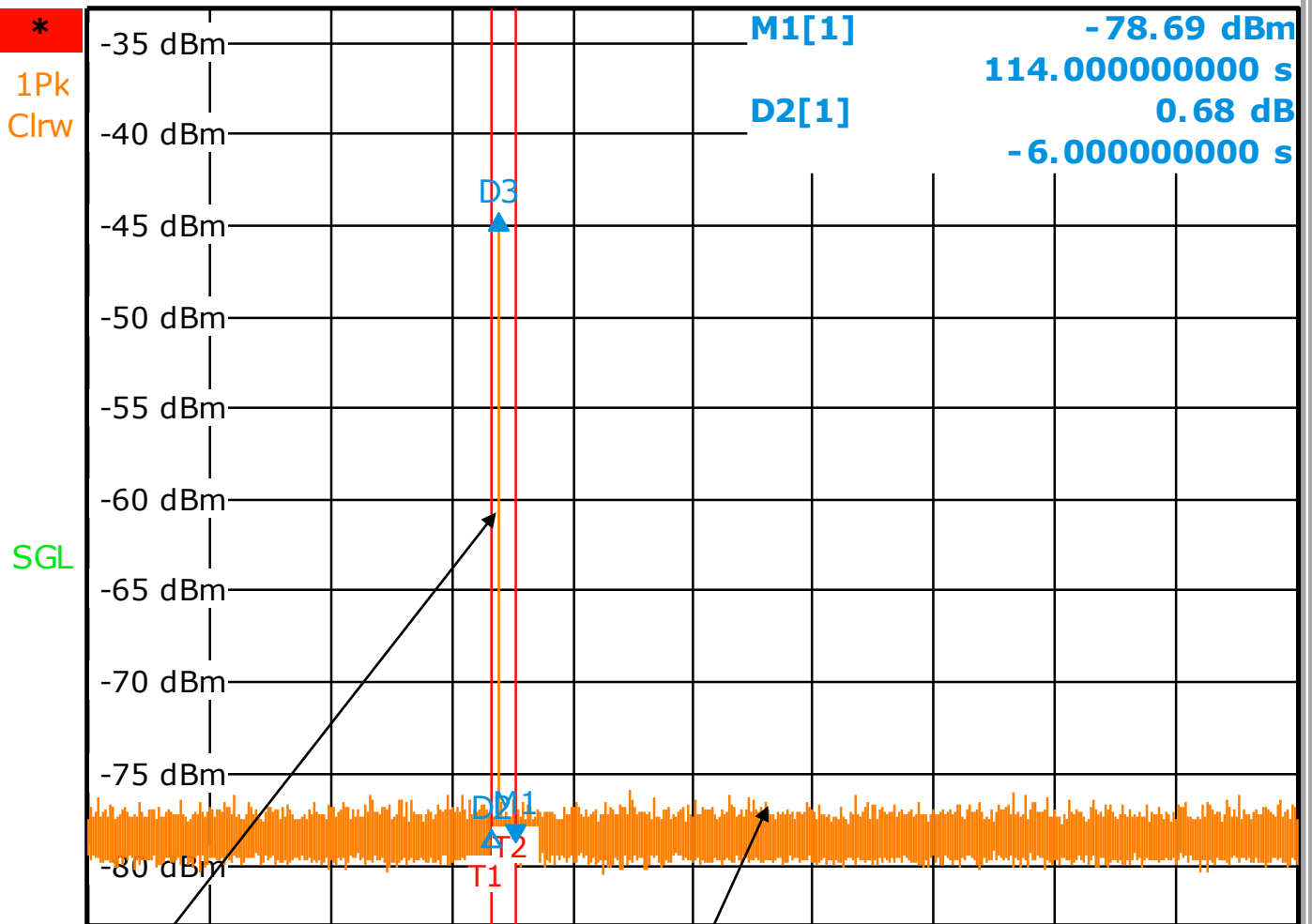
D3[1] 34.41 dB  
-3.988437139 s

\* M1[1] -78.69 dBm

1Pk 114.000000000 s

Clrw D2[1] 0.68 dB

-6.000000000 s



CF 5.5 GHz

32.4 s/

Date: 24.JUL.2013 11:12:56

Radar Burst at the end of the CAC Time

Noise Floor



| <b>Radar Test Signal 1</b>   | <b>802.11a</b> |
|--|----------------|
| Channel  | C7             |
| Channel Availability Check Time (s)  | 61,01          |
| Channel Availability Check at the beginning of Channel Availability Check time | Detected (1)   |
| Channel Availability Check at the end of Channel Availability Check time       | Detected (1)   |

(1): At the radar detection, the UUT switches to another channel. No transmission has been detected during the observation time after radar detection.

**Result: PASS**

**Channel Availability Check Time Limit:**

More than 60 seconds



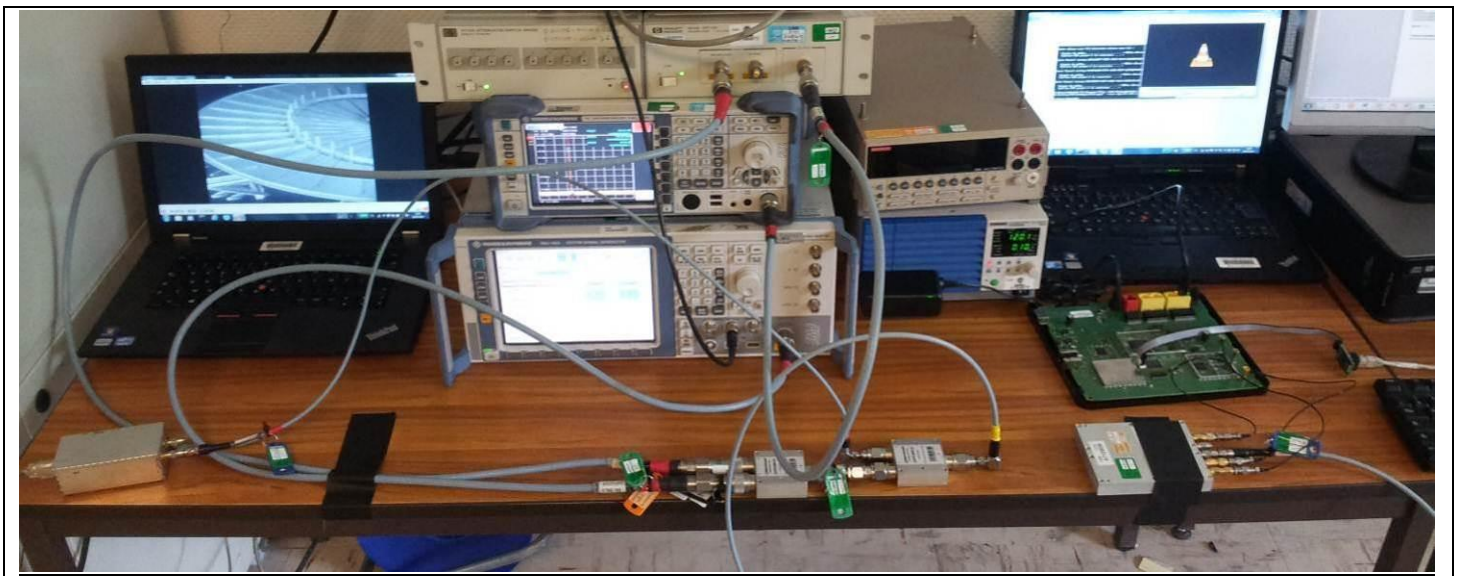
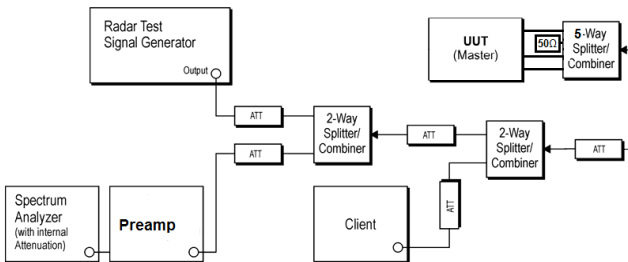
## 6. STATISTICAL PERFORMANCE CHECK

### 6.1. TEST CONDITIONS

Test performed by : Stéphane PHOUDIAH  
Date of test : 2013/07/23  
Ambient temperature : 29°C  
Relative humidity : 45%

### 6.2. TEST SETUP

The Equipment Under Test installed on a table. Measurement is performed on the UUT conducted access. The product has been tested according the FCC 06-96. The Radar Test Signals 1 to 6 are used for this test.



Photograph for DFS Statistical Performance Check



6.3. SAMPLE DATASHEET & RESULTS

| RADAR TYPE 1                      |                            |                    |          | 802.11a                      | 802.11n HT20                 | 802.11n HT40                 | 802.11ac VHT80               |
|-----------------------------------|----------------------------|--------------------|----------|------------------------------|------------------------------|------------------------------|------------------------------|
| Trial #                           | Number of Pulses per Burst | Pulse Width (µsec) | PRI (µs) | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 |
| 1                                 | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 2                                 | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 3                                 | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 4                                 | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 5                                 | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 6                                 | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 7                                 | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 8                                 | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 9                                 | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 10                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 11                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 12                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 13                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 14                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 15                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 16                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 17                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 18                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 19                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 20                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 21                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 22                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 23                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 24                                | 18                         | 1                  | 1428     | 1                            | 0                            | 1                            | 1                            |
| 25                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 26                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 27                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 28                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 29                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| 30                                | 18                         | 1                  | 1428     | 1                            | 1                            | 1                            | 1                            |
| Statistical Performance Check (%) |                            |                    |          | 100,0                        | 96,7                         | 100,0                        | 100,0                        |



| RADAR TYPE 2                      |                            |                    |          | 802.11a                      | 802.11n HT20                 | 802.11n HT40                 | 802.11ac VHT80               |
|-----------------------------------|----------------------------|--------------------|----------|------------------------------|------------------------------|------------------------------|------------------------------|
| Trial #                           | Number of Pulses per Burst | Pulse Width (µsec) | PRI (µs) | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 |
| 1                                 | 27                         | 3                  | 206      | 1                            | 1                            | 1                            | 1                            |
| 2                                 | 25                         | 1,9                | 154      | 1                            | 1                            | 1                            | 1                            |
| 3                                 | 25                         | 1,6                | 171      | 1                            | 1                            | 1                            | 1                            |
| 4                                 | 27                         | 4,6                | 222      | 1                            | 1                            | 1                            | 1                            |
| 5                                 | 26                         | 3,4                | 150      | 1                            | 1                            | 1                            | 1                            |
| 6                                 | 23                         | 4,1                | 165      | 1                            | 1                            | 1                            | 1                            |
| 7                                 | 23                         | 3,7                | 194      | 1                            | 1                            | 1                            | 1                            |
| 8                                 | 26                         | 4,1                | 219      | 1                            | 1                            | 1                            | 1                            |
| 9                                 | 29                         | 3,9                | 212      | 1                            | 1                            | 1                            | 1                            |
| 10                                | 24                         | 1,6                | 207      | 1                            | 1                            | 1                            | 1                            |
| 11                                | 25                         | 2,1                | 194      | 1                            | 1                            | 1                            | 1                            |
| 12                                | 28                         | 2,3                | 185      | 1                            | 1                            | 1                            | 1                            |
| 13                                | 25                         | 1,8                | 221      | 1                            | 1                            | 1                            | 1                            |
| 14                                | 28                         | 1,5                | 228      | 1                            | 1                            | 1                            | 1                            |
| 15                                | 28                         | 1,9                | 183      | 1                            | 1                            | 1                            | 1                            |
| 16                                | 28                         | 2,2                | 163      | 1                            | 1                            | 1                            | 1                            |
| 17                                | 24                         | 4,7                | 178      | 1                            | 1                            | 1                            | 1                            |
| 18                                | 27                         | 3,3                | 165      | 1                            | 1                            | 1                            | 1                            |
| 19                                | 26                         | 3,3                | 153      | 1                            | 1                            | 1                            | 1                            |
| 20                                | 26                         | 5                  | 169      | 1                            | 1                            | 1                            | 1                            |
| 21                                | 24                         | 1,1                | 209      | 1                            | 1                            | 1                            | 1                            |
| 22                                | 28                         | 3,1                | 154      | 1                            | 1                            | 1                            | 1                            |
| 23                                | 27                         | 2,7                | 222      | 1                            | 1                            | 1                            | 1                            |
| 24                                | 23                         | 2,2                | 211      | 1                            | 1                            | 1                            | 1                            |
| 25                                | 28                         | 2,6                | 172      | 1                            | 1                            | 1                            | 1                            |
| 26                                | 24                         | 1,9                | 152      | 1                            | 1                            | 1                            | 1                            |
| 27                                | 28                         | 4,2                | 157      | 1                            | 1                            | 1                            | 1                            |
| 28                                | 27                         | 1,5                | 227      | 1                            | 1                            | 1                            | 1                            |
| 29                                | 27                         | 3,3                | 164      | 1                            | 1                            | 1                            | 1                            |
| 30                                | 26                         | 1,6                | 170      | 1                            | 1                            | 1                            | 1                            |
| Statistical Performance Check (%) |                            |                    |          | 100,0                        | 100,0                        | 100,0                        | 100,0                        |



| RADAR TYPE 3                      |                            |                    |          | 802.11a                      | 802.11n HT20                 | 802.11n HT40                 | 802.11ac VHT80               |
|-----------------------------------|----------------------------|--------------------|----------|------------------------------|------------------------------|------------------------------|------------------------------|
| Trial #                           | Number of Pulses per Burst | Pulse Width (µsec) | PRI (µs) | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 |
| 1                                 | 18                         | 6,2                | 483      | 1                            | 1                            | 1                            | 1                            |
| 2                                 | 16                         | 6,6                | 487      | 1                            | 1                            | 1                            | 1                            |
| 3                                 | 17                         | 9,2                | 441      | 1                            | 1                            | 1                            | 1                            |
| 4                                 | 18                         | 9                  | 283      | 1                            | 1                            | 1                            | 1                            |
| 5                                 | 16                         | 9,7                | 391      | 1                            | 1                            | 1                            | 1                            |
| 6                                 | 16                         | 6,3                | 419      | 1                            | 1                            | 1                            | 1                            |
| 7                                 | 16                         | 7,3                | 315      | 1                            | 1                            | 1                            | 1                            |
| 8                                 | 16                         | 8,8                | 494      | 1                            | 1                            | 1                            | 1                            |
| 9                                 | 18                         | 8,3                | 277      | 1                            | 1                            | 1                            | 1                            |
| 10                                | 18                         | 6,1                | 452      | 1                            | 1                            | 1                            | 1                            |
| 11                                | 16                         | 6,8                | 274      | 1                            | 1                            | 1                            | 1                            |
| 12                                | 17                         | 9,8                | 488      | 1                            | 1                            | 1                            | 1                            |
| 13                                | 17                         | 9,8                | 387      | 1                            | 1                            | 1                            | 1                            |
| 14                                | 16                         | 9,5                | 385      | 1                            | 1                            | 1                            | 1                            |
| 15                                | 17                         | 9,2                | 372      | 1                            | 1                            | 1                            | 1                            |
| 16                                | 18                         | 7,2                | 337      | 1                            | 1                            | 1                            | 1                            |
| 17                                | 17                         | 7,1                | 465      | 1                            | 1                            | 1                            | 1                            |
| 18                                | 17                         | 8,9                | 258      | 1                            | 1                            | 1                            | 1                            |
| 19                                | 16                         | 8                  | 292      | 1                            | 1                            | 1                            | 1                            |
| 20                                | 17                         | 6,1                | 332      | 1                            | 1                            | 1                            | 1                            |
| 21                                | 17                         | 10                 | 477      | 1                            | 1                            | 1                            | 1                            |
| 22                                | 17                         | 6,7                | 468      | 1                            | 1                            | 1                            | 1                            |
| 23                                | 17                         | 8,9                | 299      | 1                            | 1                            | 1                            | 1                            |
| 24                                | 18                         | 7,7                | 383      | 1                            | 1                            | 1                            | 1                            |
| 25                                | 17                         | 6,7                | 429      | 1                            | 1                            | 1                            | 1                            |
| 26                                | 17                         | 8,2                | 490      | 1                            | 1                            | 1                            | 1                            |
| 27                                | 17                         | 7,6                | 421      | 1                            | 1                            | 1                            | 1                            |
| 28                                | 18                         | 6,4                | 387      | 1                            | 1                            | 1                            | 1                            |
| 29                                | 17                         | 6,5                | 258      | 1                            | 1                            | 1                            | 1                            |
| 30                                | 16                         | 6,3                | 357      | 1                            | 1                            | 1                            | 1                            |
| Statistical Performance Check (%) |                            |                    |          | 100,0                        | 100,0                        | 100,0                        | 100,0                        |



| RADAR TYPE 4                      |                            |                    |          | 802.11a                      | 802.11n HT20                 | 802.11n HT40                 | 802.11ac VHT80               |
|-----------------------------------|----------------------------|--------------------|----------|------------------------------|------------------------------|------------------------------|------------------------------|
| Trial #                           | Number of Pulses per Burst | Pulse Width (µsec) | PRI (µs) | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 |
| 1                                 | 16                         | 17,4               | 252      | 1                            | 1                            | 1                            | 1                            |
| 2                                 | 12                         | 14,1               | 229      | 1                            | 1                            | 1                            | 1                            |
| 3                                 | 15                         | 16,5               | 229      | 1                            | 1                            | 1                            | 1                            |
| 4                                 | 15                         | 17,4               | 270      | 1                            | 1                            | 1                            | 1                            |
| 5                                 | 15                         | 16,9               | 360      | 1                            | 1                            | 1                            | 1                            |
| 6                                 | 12                         | 17,1               | 362      | 1                            | 1                            | 1                            | 1                            |
| 7                                 | 14                         | 12,1               | 296      | 1                            | 1                            | 1                            | 1                            |
| 8                                 | 12                         | 12                 | 482      | 1                            | 1                            | 1                            | 1                            |
| 9                                 | 14                         | 17,9               | 220      | 1                            | 1                            | 1                            | 1                            |
| 10                                | 15                         | 13,1               | 391      | 1                            | 1                            | 1                            | 1                            |
| 11                                | 12                         | 13,7               | 396      | 1                            | 1                            | 1                            | 1                            |
| 12                                | 13                         | 13                 | 355      | 1                            | 1                            | 1                            | 1                            |
| 13                                | 15                         | 16,9               | 405      | 1                            | 1                            | 1                            | 1                            |
| 14                                | 12                         | 16,1               | 241      | 1                            | 1                            | 1                            | 1                            |
| 15                                | 13                         | 19,8               | 388      | 1                            | 1                            | 1                            | 1                            |
| 16                                | 14                         | 17                 | 386      | 1                            | 1                            | 1                            | 1                            |
| 17                                | 12                         | 12,7               | 497      | 1                            | 1                            | 1                            | 1                            |
| 18                                | 15                         | 14,2               | 432      | 1                            | 1                            | 1                            | 1                            |
| 19                                | 14                         | 11,4               | 320      | 1                            | 1                            | 1                            | 1                            |
| 20                                | 12                         | 16,9               | 478      | 1                            | 1                            | 1                            | 1                            |
| 21                                | 15                         | 13,6               | 314      | 1                            | 1                            | 1                            | 1                            |
| 22                                | 12                         | 20                 | 467      | 1                            | 1                            | 1                            | 1                            |
| 23                                | 16                         | 13,8               | 398      | 1                            | 1                            | 1                            | 1                            |
| 24                                | 16                         | 19,8               | 459      | 1                            | 1                            | 1                            | 1                            |
| 25                                | 15                         | 17,4               | 399      | 1                            | 1                            | 1                            | 1                            |
| 26                                | 15                         | 16,9               | 226      | 1                            | 1                            | 1                            | 1                            |
| 27                                | 13                         | 16,9               | 345      | 1                            | 1                            | 1                            | 1                            |
| 28                                | 12                         | 13,7               | 404      | 1                            | 1                            | 1                            | 1                            |
| 29                                | 15                         | 15                 | 295      | 1                            | 1                            | 1                            | 1                            |
| 30                                | 15                         | 14,5               | 313      | 1                            | 1                            | 1                            | 1                            |
| Statistical Performance Check (%) |                            |                    |          | 100,0                        | 100,0                        | 100,0                        | 100,0                        |





| RADAR TYPE 5                      |                        | 802.11a                      | 802.11n HT20                 | 802.11n HT40                 | 802.11ac VHT80               |
|-----------------------------------|------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Trial #                           | See Annex              | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 |
| 1                                 | FCC0696-T5-08-TRIAL-1  | 1                            | 1                            | 1                            | 1                            |
| 2                                 | FCC0696-T5-09-TRIAL-2  | 1                            | 1                            | 1                            | 1                            |
| 3                                 | FCC0696-T5-10-TRIAL-3  | 1                            | 1                            | 1                            | 1                            |
| 4                                 | FCC0696-T5-11-TRIAL-4  | 1                            | 1                            | 1                            | 1                            |
| 5                                 | FCC0696-T5-12-TRIAL-5  | 1                            | 1                            | 1                            | 1                            |
| 6                                 | FCC0696-T5-13-TRIAL-6  | 1                            | 1                            | 1                            | 1                            |
| 7                                 | FCC0696-T5-14-TRIAL-7  | 1                            | 1                            | 1                            | 1                            |
| 8                                 | FCC0696-T5-15-TRIAL-8  | 1                            | 1                            | 1                            | 1                            |
| 9                                 | FCC0696-T5-16-TRIAL-9  | 1                            | 1                            | 1                            | 1                            |
| 10                                | FCC0696-T5-17-TRIAL-10 | 1                            | 1                            | 1                            | 1                            |
| 11                                | FCC0696-T5-18-TRIAL-11 | 1                            | 1                            | 1                            | 1                            |
| 12                                | FCC0696-T5-19-TRIAL-12 | 1                            | 1                            | 1                            | 1                            |
| 13                                | FCC0696-T5-20-TRIAL-13 | 1                            | 1                            | 1                            | 1                            |
| 14                                | FCC0696-T5-08-TRIAL-14 | 1                            | 1                            | 1                            | 1                            |
| 15                                | FCC0696-T5-09-TRIAL-15 | 1                            | 1                            | 1                            | 1                            |
| 16                                | FCC0696-T5-10-TRIAL-16 | 1                            | 1                            | 1                            | 1                            |
| 17                                | FCC0696-T5-11-TRIAL-17 | 1                            | 1                            | 1                            | 1                            |
| 18                                | FCC0696-T5-12-TRIAL-18 | 1                            | 1                            | 1                            | 1                            |
| 19                                | FCC0696-T5-08-TRIAL-19 | 1                            | 1                            | 1                            | 1                            |
| 20                                | FCC0696-T5-09-TRIAL-20 | 1                            | 1                            | 1                            | 1                            |
| 21                                | FCC0696-T5-10-TRIAL-21 | 1                            | 1                            | 1                            | 1                            |
| 22                                | FCC0696-T5-11-TRIAL-22 | 1                            | 1                            | 1                            | 1                            |
| 23                                | FCC0696-T5-12-TRIAL-23 | 1                            | 1                            | 1                            | 1                            |
| 24                                | FCC0696-T5-13-TRIAL-24 | 1                            | 1                            | 1                            | 1                            |
| 25                                | FCC0696-T5-14-TRIAL-25 | 1                            | 1                            | 1                            | 1                            |
| 26                                | FCC0696-T5-15-TRIAL-26 | 1                            | 1                            | 1                            | 1                            |
| 27                                | FCC0696-T5-16-TRIAL-27 | 1                            | 1                            | 1                            | 1                            |
| 28                                | FCC0696-T5-17-TRIAL-28 | 1                            | 1                            | 1                            | 1                            |
| 29                                | FCC0696-T5-18-TRIAL-29 | 1                            | 1                            | 1                            | 1                            |
| 30                                | FCC0696-T5-19-TRIAL-30 | 1                            | 1                            | 1                            | 1                            |
| Statistical Performance Check (%) |                        | 100,0                        | 100,0                        | 100,0                        | 100,0                        |



| RADAR TYPE 6                      |   | 802.11a                      | 802.11n HT20                 | 802.11n HT40                 | 802.11ac VHT80               |
|-----------------------------------|---|------------------------------|------------------------------|------------------------------|------------------------------|
| Trial #                           | <a href="http://ntiacsd.ntia.doc.gov/dfs/HopFreqInRlanBW.txt">http://ntiacsd.ntia.doc.gov/dfs/HopFreqInRlanBW.txt</a> | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 | Detection=1 & No Detection=0 |
| 1                                 | Burst 0   | 1                            | 1                            | 1                            | 1                            |
| 2                                 | Burst 1   | 1                            | 1                            | 1                            | 1                            |
| 3                                 | Burst 2   | 1                            | 1                            | 1                            | 1                            |
| 4                                 | Burst 3   | 1                            | 1                            | 1                            | 1                            |
| 5                                 | Burst 4   | 1                            | 1                            | 1                            | 1                            |
| 6                                 | Burst 5   | 1                            | 1                            | 1                            | 1                            |
| 7                                 | Burst 6   | 1                            | 1                            | 1                            | 1                            |
| 8                                 | Burst 7   | 1                            | 1                            | 1                            | 1                            |
| 9                                 | Burst 8   | 1                            | 1                            | 1                            | 1                            |
| 10                                | Burst 9   | 1                            | 1                            | 1                            | 1                            |
| 11                                | Burst 10  | 1                            | 1                            | 1                            | 1                            |
| 12                                | Burst 11  | 1                            | 1                            | 1                            | 1                            |
| 13                                | Burst 12  | 1                            | 1                            | 1                            | 1                            |
| 14                                | Burst 13  | 1                            | 1                            | 1                            | 1                            |
| 15                                | Burst 14  | 1                            | 1                            | 1                            | 1                            |
| 16                                | Burst 15  | 1                            | 1                            | 1                            | 1                            |
| 17                                | Burst 16  | 1                            | 1                            | 1                            | 1                            |
| 18                                | Burst 17  | 1                            | 1                            | 1                            | 1                            |
| 19                                | Burst 18  | 1                            | 1                            | 1                            | 1                            |
| 20                                | Burst 19  | 1                            | 1                            | 1                            | 1                            |
| 21                                | Burst 20  | 1                            | 1                            | 1                            | 1                            |
| 22                                | Burst 21  | 1                            | 1                            | 1                            | 1                            |
| 23                                | Burst 22  | 1                            | 1                            | 1                            | 1                            |
| 24                                | Burst 23  | 1                            | 1                            | 1                            | 1                            |
| 25                                | Burst 24  | 1                            | 1                            | 1                            | 1                            |
| 26                                | Burst 25  | 1                            | 1                            | 1                            | 1                            |
| 27                                | Burst 26  | 1                            | 1                            | 1                            | 1                            |
| 28                                | Burst 27  | 1                            | 1                            | 1                            | 1                            |
| 29                                | Burst 28  | 1                            | 1                            | 1                            | 1                            |
| 30                                | Burst 29  | 1                            | 1                            | 1                            | 1                            |
| Statistical Performance Check (%) |   | 100,0                        | 100,0                        | 100,0                        | 100,0                        |



| Short Pulse Radar            | 802.11a | 802.11n HT20 | 802.11n HT40 | 802.11ac VHT80 |
|------------------------------|---------|--------------|--------------|----------------|
| Channel                      | C7      | C7           | C14          | C19            |
| Detection Radar Type 1 (%)   | 100     | 96,7         | 100          | 100            |
| Detection Radar Type 2 (%)   | 100     | 100          | 100          | 100            |
| Detection Radar Type 3 (%)   | 100     | 100          | 100          | 100            |
| Detection Radar Type 4 (%)   | 100     | 100          | 100          | 100            |
| Aggregate Radar Type 1-4 (%) | 100     | 99,175       | 100          | 100            |

| Long Pulse Radar           | 802.11a | 802.11n HT20 | 802.11n HT40 | 802.11ac VHT80 |
|----------------------------|---------|--------------|--------------|----------------|
| Channel                    | C7      | C7           | C14          | C19            |
| Detection Radar Type 5 (%) | 100     | 100          | 100          | 100            |

| Frequency Hopping Radar    | 802.11a | 802.11n HT20 | 802.11n HT40 | 802.11n VHT80 |
|----------------------------|---------|--------------|--------------|---------------|
| Channel                    | C7      | C7           | C14          | C19           |
| Detection Radar Type 6 (%) | 100     | 100          | 100          | 100           |

Result: **PASS**

Statistical Performance Check Limit:

| Short Pulse Radar Test Waveform |                    |            |                  |  |                          |
|---------------------------------|--------------------|------------|------------------|--|--------------------------|
| Radar Type                      | Pulse Width (µsec) | PRI (µsec) | Number of Pulses | Minimum Percentage of Successful Detection | Minimum Number of Trials |
| 1                               | 1                  | 1428       | 18               | 60%  | 30                       |
| 2                               | 1-5                | 150-230    | 23-29            | 60%  | 30                       |
| 3                               | 6-10               | 200-500    | 16-18            | 60%  | 30                       |
| 4                               | 11-20              | 200-500    | 12-16            | 60%  | 30                       |
| Aggregate Radar Type 1-4 (%)    |                    |            |                  | 80%  | 120                      |

| Long Pulse Radar Test Waveform |                    |                   |                  |  |                          |
|--------------------------------|--------------------|-------------------|------------------|--|--------------------------|
| Radar Type                     | Pulse Width (µsec) | Chirp Width (MHz) | Number of Pulses | Minimum Percentage of Successful Detection | Minimum Number of Trials |
| 5                              | 50-100             | 5-20              | 1-3              | 80%  | 30                       |

| Frequency Hopping Radar Test Waveform |                    |            |                |                    |                                |  |                          |
|---------------------------------------|--------------------|------------|----------------|--------------------|--------------------------------|--|--------------------------|
| Radar Type                            | Pulse Width (µsec) | PRI (µsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Minimum Percentage of Successful Detection | Minimum Number of Trials |
| 6                                     | 1                  | 333        | 9              | 0.333              | 300                            | 70%  | 30                       |



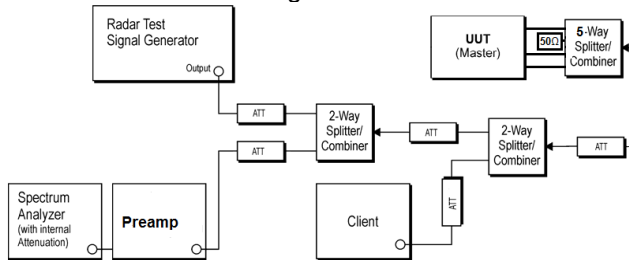
## 7. CHANNEL MOVE TIME & CLOSING TRANSMISSION TIME

### 7.1. TEST CONDITIONS

Test performed by : Stéphane PHOUDIAH  
 Date of test : 2013/07/24 & 2013/07/25  
 Ambient temperature : 28°C  
 Relative humidity : 42%

### 7.2. TEST SETUP

The Equipment Under Test installed on a table. Measurement is performed on the UUT conducted access. The product has been tested according the FCC 06-96. The Radar Test Signals 1 & 5 are used for this test.



#### Spectrum Analyzer Setting:

Center frequency= Center of emission spectrum  
 Span= 0  
 Amplitude= Sufficient to observe the signal amplitude  
 RBW= 3MHz  
 VBW= 3MHz  
 Sweep Time= 20s for Radar Test Signal 1 & 30s for Radar Test Signal 5  
 Sweep= Single Sweep  
 Sweep Point= 32000  
 Trace= Clear/Write  
 Detector= Peak



Photograph for DFS Channel Move Time & Closing Transmission Time



7.3. GRAPHIC & RESULTS

Channel Move Time & Channel Closing Time (Radar Test Signal 1)

C7

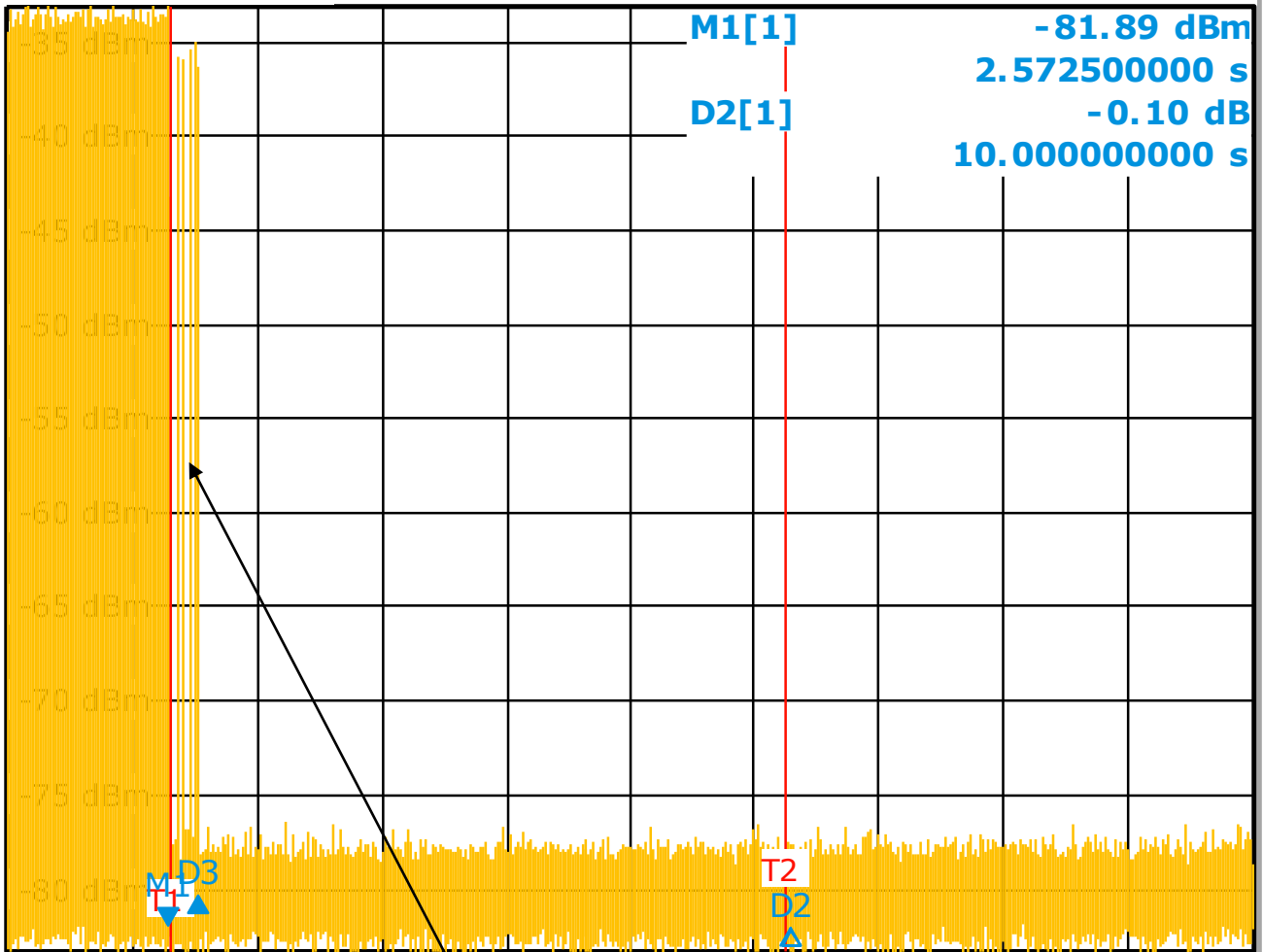


Offs -33.2 dB \* RBW 3 MHz  
 \* Att 10 dB \* VBW 3 MHz  
 Batt Ref -33.2 dBm \* SWT 20s

D3[1] 1.65 dB  
 454.37500000 ms  
 M1[1] -81.89 dBm  
 2.57250000 s  
 D2[1] -0.10 dB  
 10.00000000 s

1Pk  
Clrw

SGL



CF 5.5 GHz

2.0 s/

Date: 24.JUL.2013 16:14:10

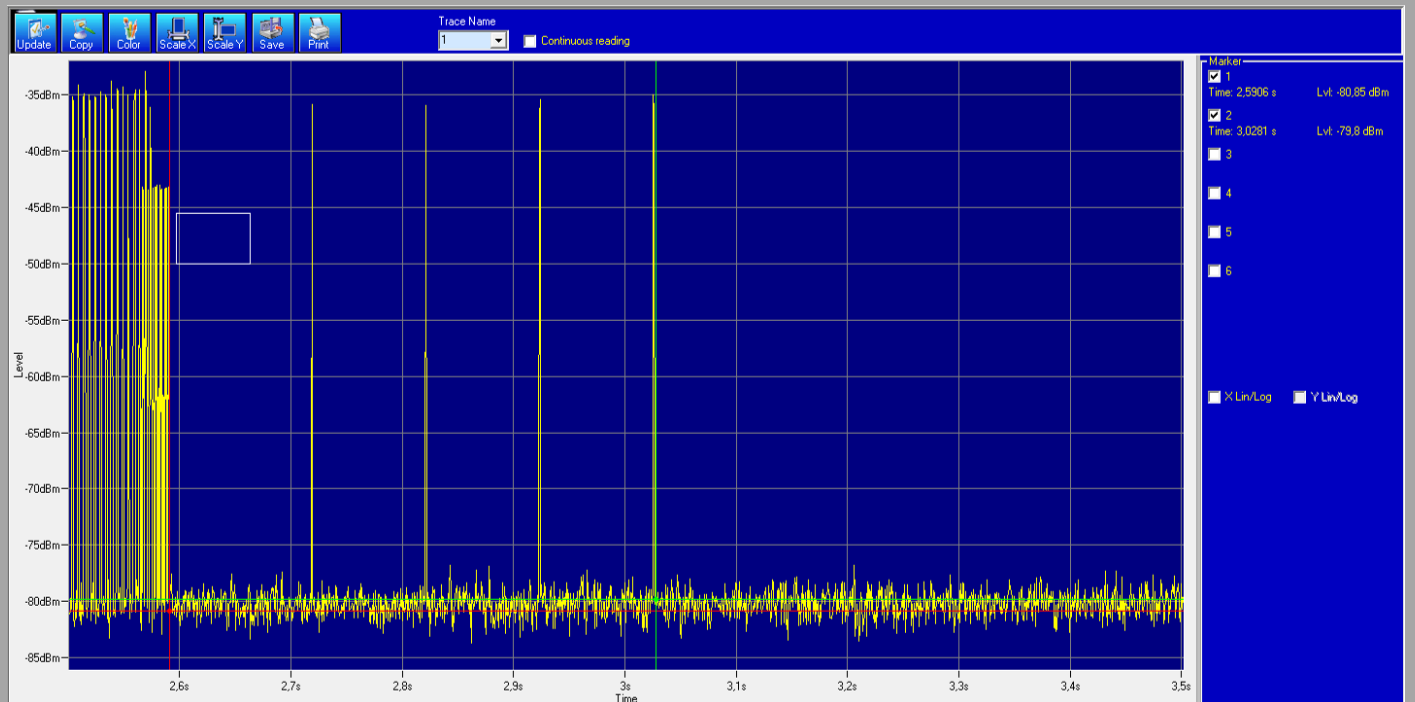
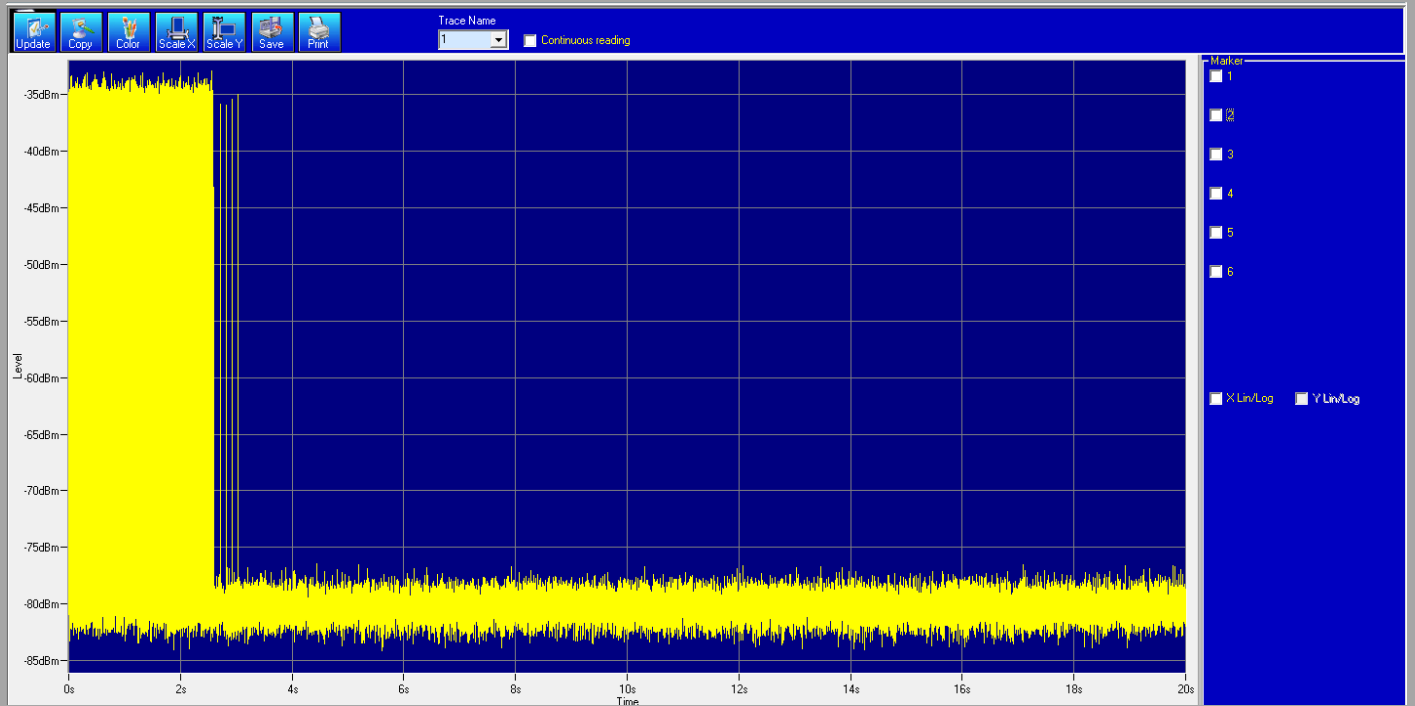
See Graphics below for Accurate Measurement

UUT Closing Transmission



### Channel Move Time & Channel Closing Time (Radar Test Signal 1)

C7

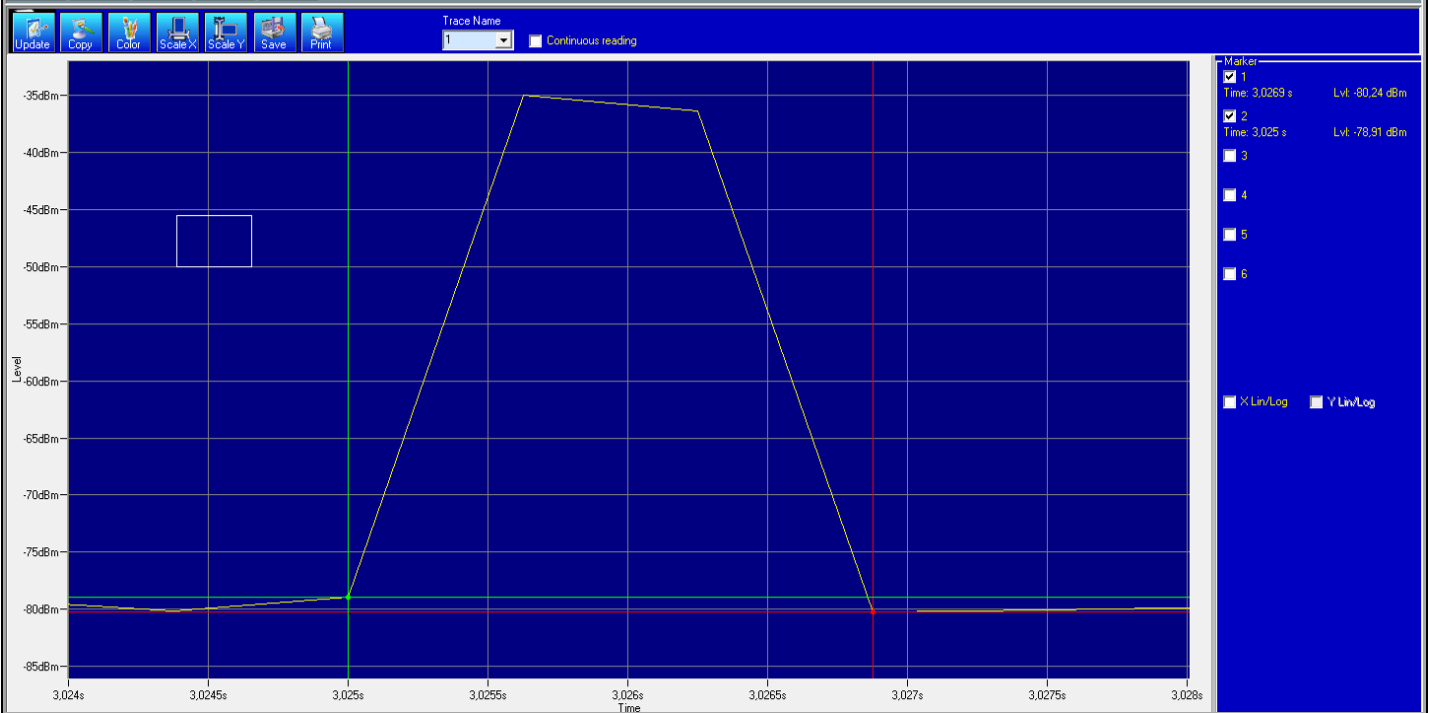
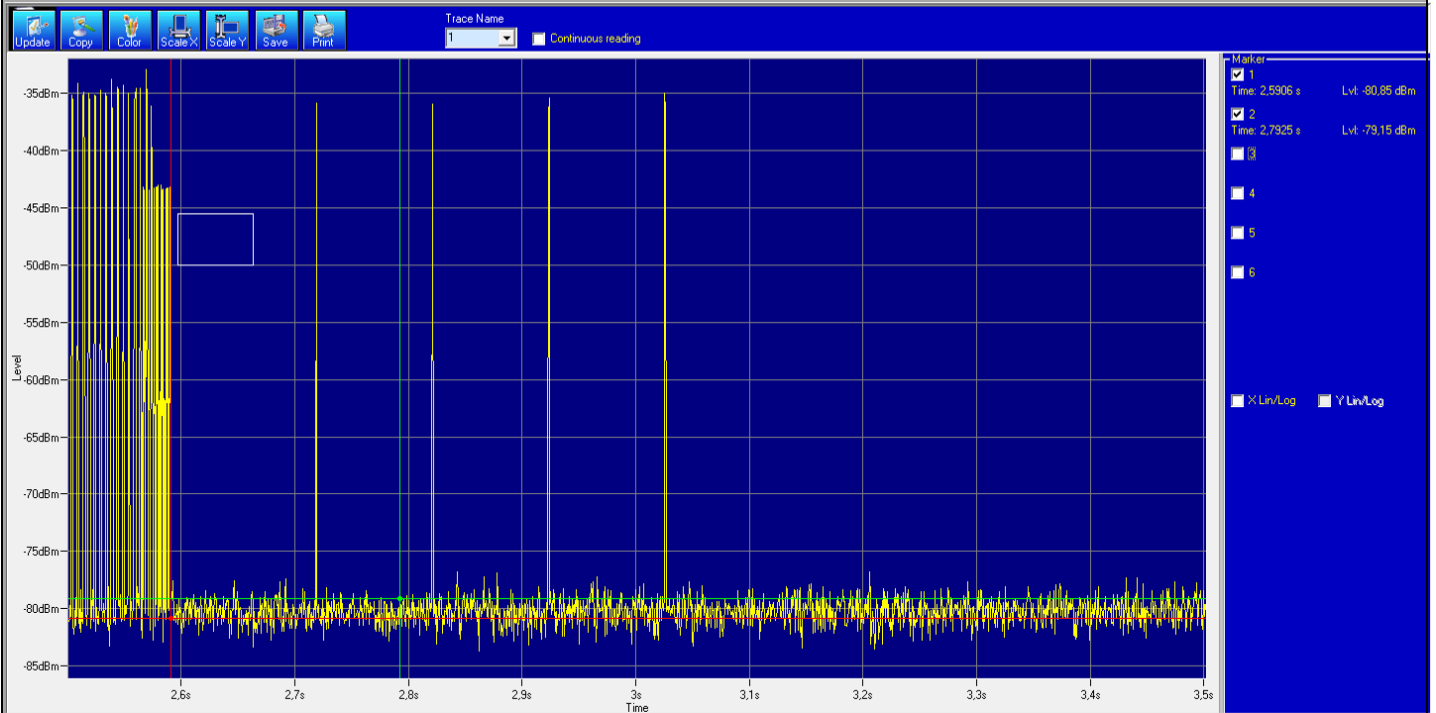


Channel Move Time= 3,0281-2,5906=0,4375s



### Channel Move Time & Channel Closing Time (Radar Test Signal 1)

C7



Channel Closing Time=  $4 \times (3,0269 - 3,025) = 0,0076s$



Channel Move Time & Channel Closing Time (Radar Test Signal 5)

C7



Offs -33.2 dB \* RBW 3 MHz

\* Att 10 dB \* VBW 3 MHz

Batt Ref -33.2 dBm \* SWT 30s

D3[1] 2.45 dB  
515.93750000 ms

M1[1] -79.46 dBm

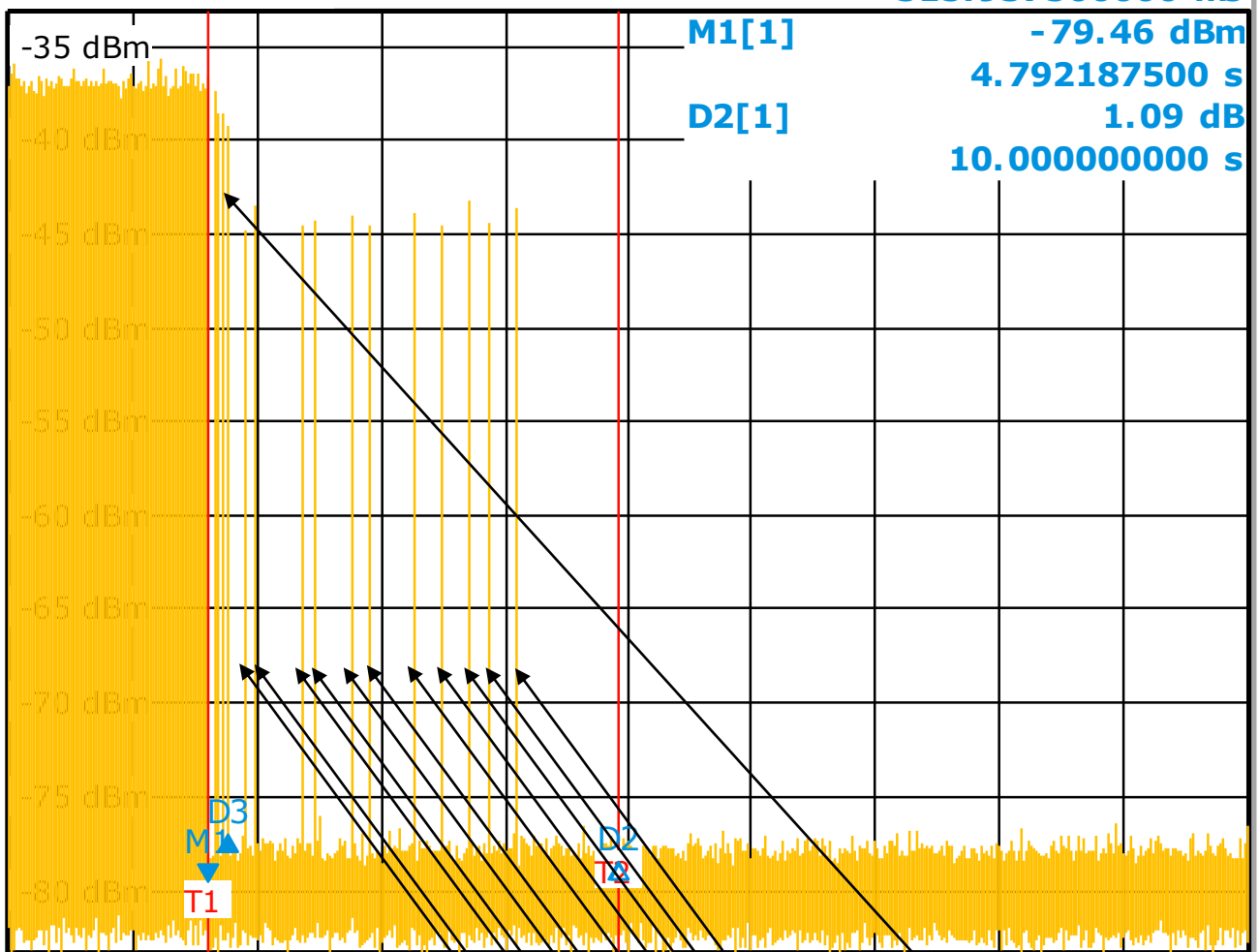
4.792187500 s

D2[1] 1.09 dB

10.00000000 s

1Pk  
Clrw

SGL



CF 5.5 GHz

3.0 s/

Date: 25.JUL.2013 09:38:26

See Graphics below for Accurate Measurement

Radar Test Signal 5

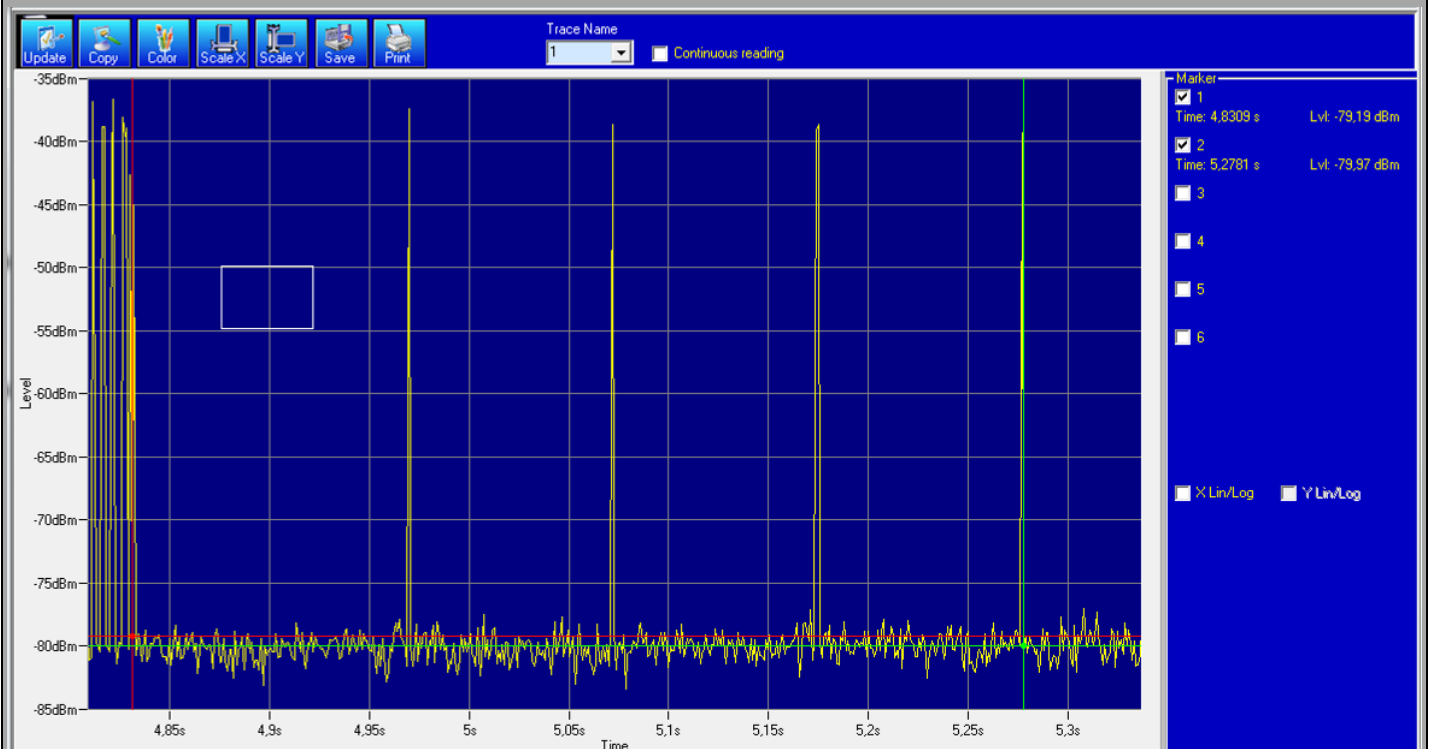
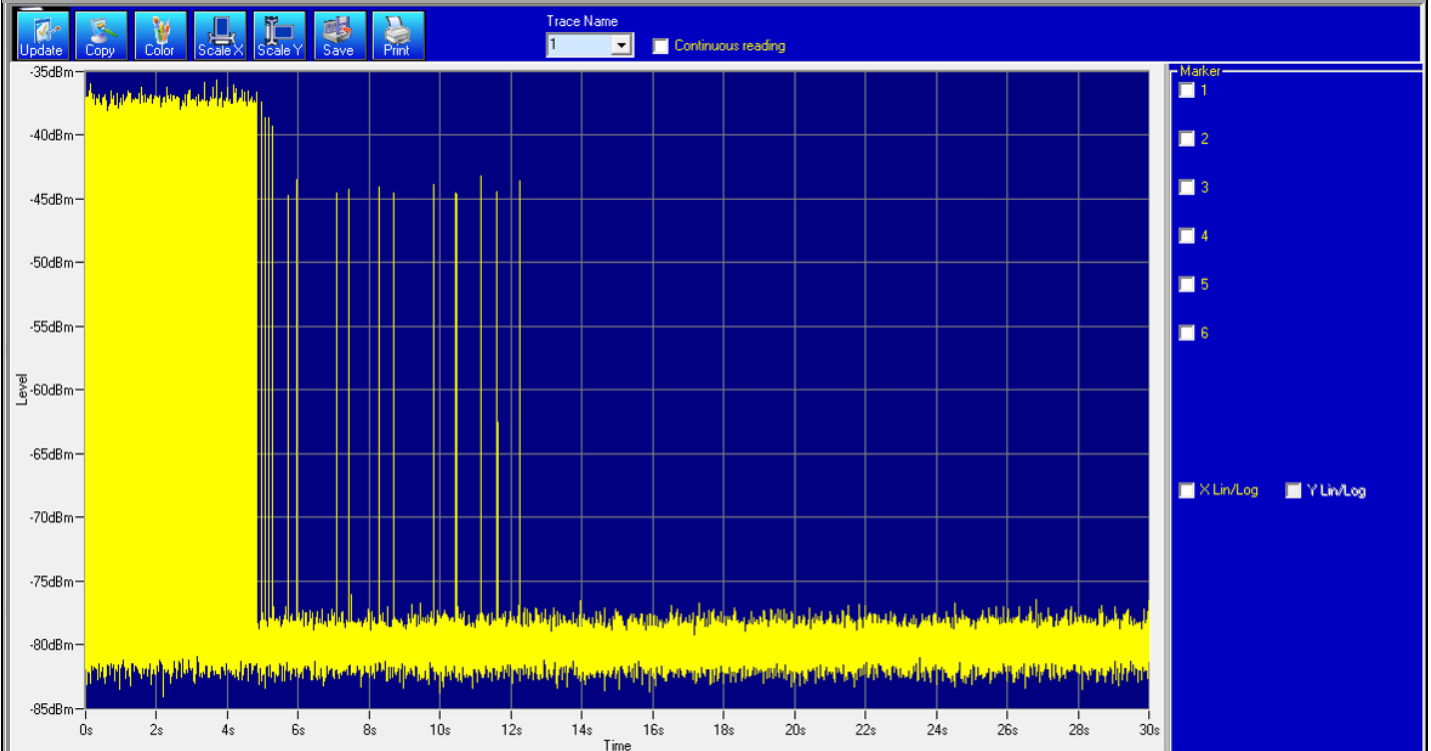
UUT Closing Transmission





### Channel Move Time & Channel Closing Time (Radar Test Signal 5)

C7

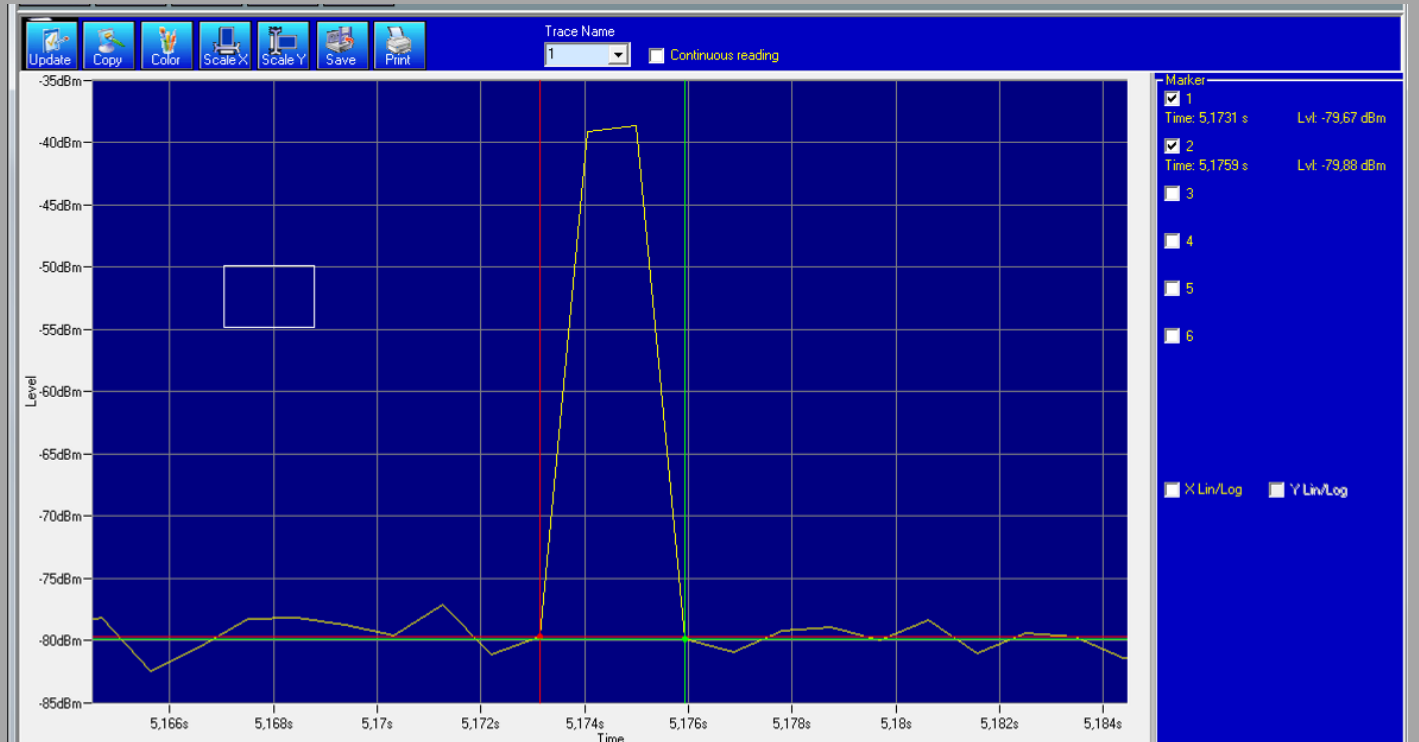
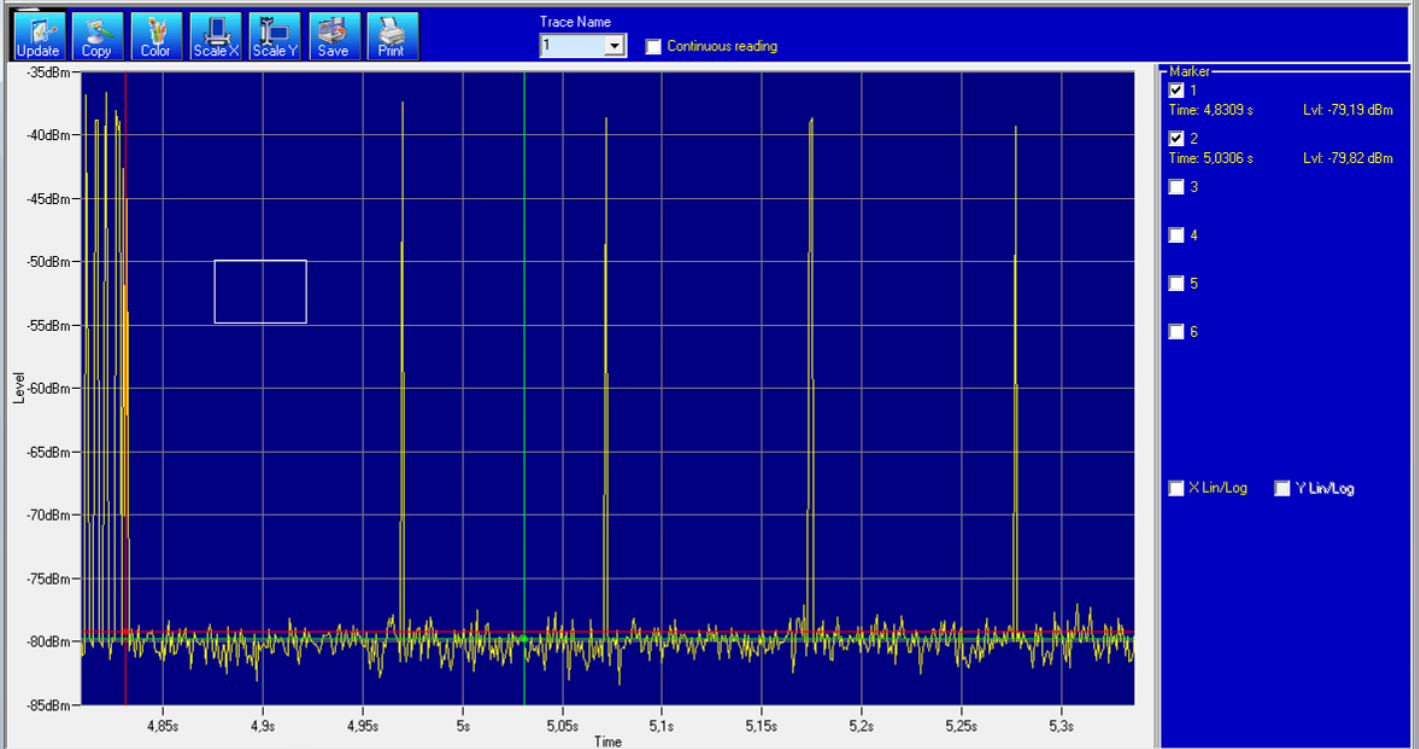


Channel Move Time= 5,2781-4,8309=0,4472s



### Channel Move Time & Channel Closing Time (Radar Test Signal 5)

C7



Channel Closing Time =  $4 * (5,1759 - 5,1731) = 0,0112s$



| <b>Radar Test Signal 1</b>            | <b>802.11a</b> |
|---------------------------------------|----------------|
| Channel                               | C7             |
| Channel Closing Transmission Time (s) | 0,0076         |
| Channel Move Time (s)                 | 0,4375         |

| <b>Radar Test Signal 5</b>            | <b>802.11a</b> |
|---------------------------------------|----------------|
| Channel                               | C7             |
| Channel Closing Transmission Time (s) | 0,0112         |
| Channel Move Time (s)                 | 0,4472         |

**Result: PASS**

**Channel Closing Transmission Time Limit:**  
Maximum 0,26s

**Channel Move Time Limit:**  
Maximum 10 seconds



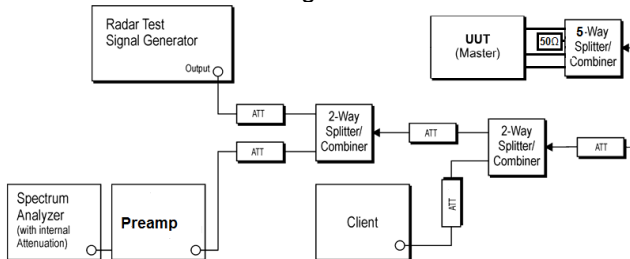
## 8. NON-OCCUPANCY PERIOD

### 8.1. TEST CONDITIONS

Test performed by : Stéphane PHOUDIAH  
 Date of test : 2013/07/24  
 Ambient temperature : 28°C  
 Relative humidity : 42%

### 8.2. TEST SETUP

The Equipment Under Test installed on a table. Measurement is performed on the UUT conducted access. The product has been tested according the FCC 06-96. The Radar Test Signal 1 is used for this test.



#### Spectrum Analyzer Setting:

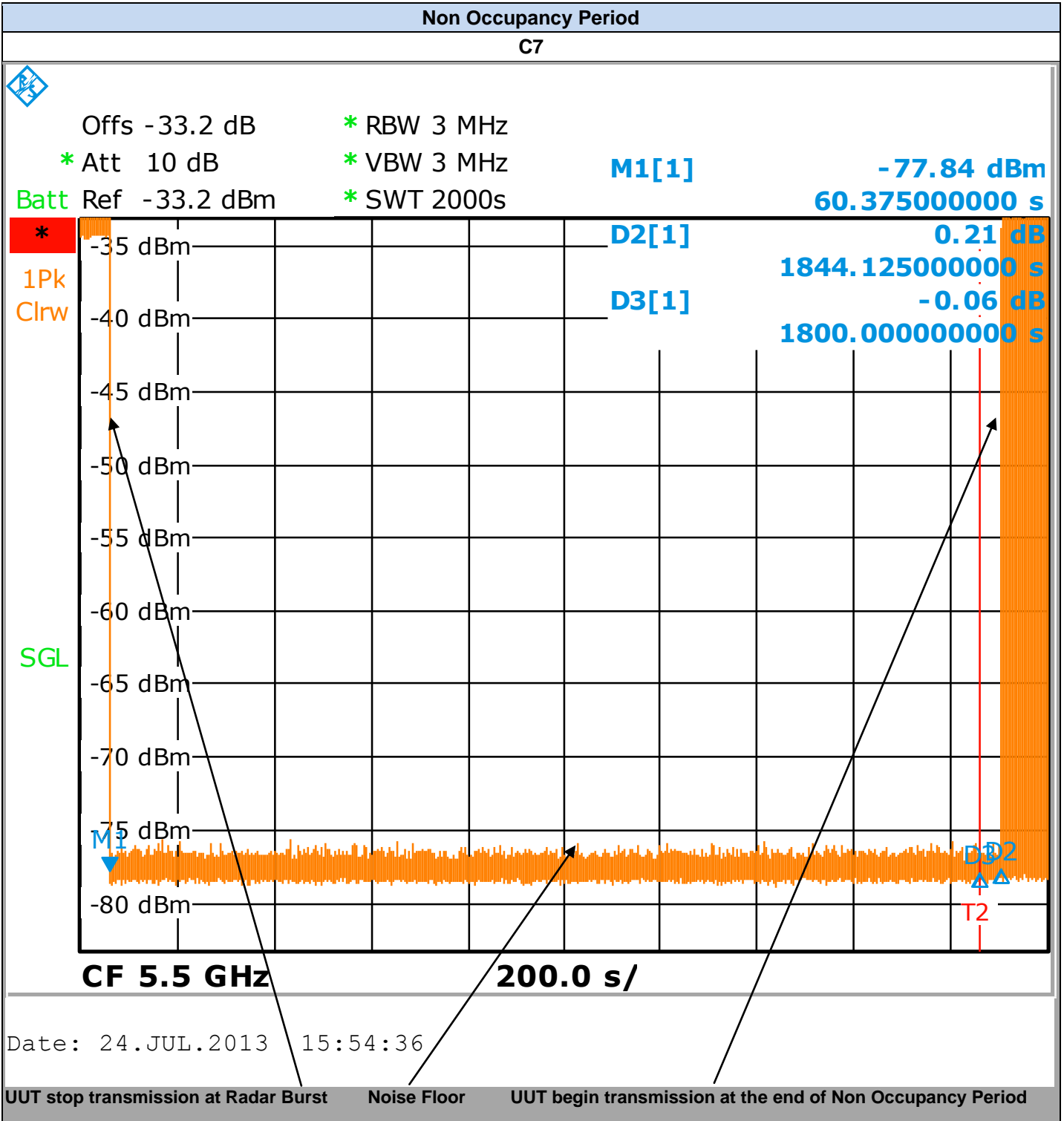
Center frequency= Center of emission spectrum  
 Span= 0  
 Amplitude= Sufficient to observe the signal amplitude  
 RBW= 3MHz  
 VBW= 3MHz  
 Sweep Time= 2000s  
 Sweep= Single Sweep  
 Sweep Point= 32000  
 Trace= Clear/Write  
 Detector= Peak



Photograph for DFS Non-Occupancy Period



8.3. GRAPHIC & RESULT





| Radar Test Signal 1              | 802.11a  |
|----------------------------------|----------|
| Channel                          | C7       |
| Channel Non-Occupancy period (s) | 1844,125 |

**Result:** **PASS**

**Non-Occupancy Period Limit:**  
Minimum 1800 seconds



## 9. TEST EQUIPMENT LIST

| DFS               |                  |           |                     |                            |                            |
|-------------------|------------------|-----------|---------------------|----------------------------|----------------------------|
| Apparatus         | Trade Mark       | Type      | Registration number | Calibration date           | Calibration due            |
| Spectrum Analyser | ROHDE & SCHWARZ  | FSL       | A4060032            | 2012/11                    | 2014/11                    |
| Attenuator 3dB    | Mini-Circuit     | BWS3W2    | A7122208            | 2013/07                    | 2014/07                    |
| Attenuator 3dB    | Mini-Circuit     | BWS3W2    | A7122209            | 2013/07                    | 2014/07                    |
| Attenuator 3dB    | Mini-Circuit     | BWS3W2    | A7122210            | 2013/07                    | 2014/07                    |
| Attenuator 10dB   | Pasternack       | PE7004-10 | A7122220            | 2013/07                    | 2014/07                    |
| Attenuator 10dB   | JFW              | 50HF010   | A7122122            | 2013/07                    | 2014/07                    |
| Attenuator 10dB   | Pasternack       | PE7004-10 | A7122219            | 2013/07                    | 2014/07                    |
| Attenuator 20dB   | Faiviewmicrowave | SA4016-20 | A7122211            | 2013/07                    | 2014/07                    |
| Attenuator 20dB   | Faiviewmicrowave | SA4016-20 | A7122212            | 2013/07                    | 2014/07                    |
| Signal generator  | ROHDE & SCHWARZ  | SMJ100A   | A5444007            | 2013/01                    | 2014/01                    |
| Power Supply      | KIKUSUI          | PCR 500M  | A7040079            | Verified with a multimeter | Verified with a multimeter |
| Multimeter        | KEITHLEY         | 2000      | A1241008            | 2011/10                    | 2013/10                    |
| RF Cable          |                  | CNB 08    | A5329393            | 2013/03                    | 2014/03                    |
| RF Cable          | -                | CNC 02    | A5329397            | 2013/03                    | 2014/03                    |
| RF Cable          | -                | CND 06    | A5329377            | 2013/07                    | 2014/07                    |
| RF Cable          | -                | CS3B 02   | A5329429            | 2013/07                    | 2014/07                    |
| RF Cable          | -                | CS2D 03   | A5329441            | 2013/03                    | 2014/03                    |
| Preamplifier      | HP               | 8449B     | A7080071            | 2012/09                    | 2013/09                    |



**10. UNCERTAINTIES CHART**

| Kind of test                    | Measurement uncertainties<br>(k=2) ±x(dB) / (Hz) | Limit for uncertainties<br>±y(dB) |
|---------------------------------|--|-----------------------------------|
| <b>TRANSMITTER REQUIREMENTS</b> |  |                                   |
| RF Frequency                    | ±2.10 <sup>-8</sup> Hz                           | ±1.10 <sup>-5</sup> Hz            |
| Occupied Channel bandwidth      | ± 100 kHz  | -                                 |
| RF power conducted              | ±0.6 dB  | ±1.5 dB                           |
| Temperature                     | ±0.5°C   | ±1°C                              |
| Humidity                        | ±2.5 %   | ±5 %                              |
| Time                            |  | ±10 %                             |





**11. ANNEX**

| TYPE 5 PARAMETER SHEET |                  |                    |                   |                             |                             | Rohde & Schwarz<br>K6 Pulse Sequencer |
|------------------------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| Trial Number : 1       |                  |                    |                   |                             |                             |                                       |
| Bursts in Trial: 8     |                  |                    |                   |                             |                             |                                       |
| Burst                  | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
| 1                      | 1                | 83                 | 8                 |                             |                             | 1028                                  |
| 2                      | 2                | 89,2               | 20                | 928                         |                             | 137                                   |
| 3                      | 2                | 51,3               | 13                | 1091                        |                             | 1139                                  |
| 4                      | 3                | 74,1               | 20                | 1114                        | 1237                        | 1423                                  |
| 5                      | 2                | 81,3               | 15                | 1828                        |                             | 714                                   |
| 6                      | 2                | 64,5               | 7                 | 1706                        |                             | 1035                                  |
| 7                      | 3                | 87                 | 18                | 1045                        | 954                         | 1492                                  |
| 8                      | 2                | 79,6               | 19                | 1047                        |                             | 577                                   |
| 9                      |                  |                    |                   |                             |                             |                                       |
| 10                     |                  |                    |                   |                             |                             |                                       |
| 11                     |                  |                    |                   |                             |                             |                                       |
| 12                     |                  |                    |                   |                             |                             |                                       |
| 13                     |                  |                    |                   |                             |                             |                                       |
| 14                     |                  |                    |                   |                             |                             |                                       |
| 15                     |                  |                    |                   |                             |                             |                                       |
| 16                     |                  |                    |                   |                             |                             |                                       |
| 17                     |                  |                    |                   |                             |                             |                                       |
| 18                     |                  |                    |                   |                             |                             |                                       |
| 19                     |                  |                    |                   |                             |                             |                                       |
| 20                     |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-08-TRIAL-1**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 2**

**Bursts in Trial: 9**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 1                | 84,8               | 7                 |                             |                             | 1057                                  |
| 2     | 2                | 69,4               | 8                 | 1611                        |                             | 744                                   |
| 3     | 2                | 52,8               | 7                 | 1026                        |                             | 294                                   |
| 4     | 2                | 58,4               | 11                | 1001                        |                             | 596                                   |
| 5     | 3                | 87,9               | 17                | 1130                        | 923                         | 432                                   |
| 6     | 1                | 79,1               | 7                 |                             |                             | 812                                   |
| 7     | 1                | 68                 | 20                |                             |                             | 702                                   |
| 8     | 3                | 66,3               | 15                | 1213                        | 1920                        | 301                                   |
| 9     | 2                | 86                 | 8                 | 1066                        |                             | 430                                   |
| 10    |                  |                    |                   |                             |                             |                                       |
| 11    |                  |                    |                   |                             |                             |                                       |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-09-TRIAL-2**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 3**

**Bursts in Trial: 10**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 3                | 98,2               | 9                 | 1535                        | 1372                        | 264                                   |
| 2     | 3                | 73,6               | 18                | 985                         | 1379                        | 670                                   |
| 3     | 2                | 96                 | 9                 | 931                         |                             | 1069                                  |
| 4     | 2                | 95,1               | 7                 | 1755                        |                             | 457                                   |
| 5     | 2                | 75,7               | 9                 | 1863                        |                             | 543                                   |
| 6     | 2                | 71,7               | 15                | 1452                        |                             | 84                                    |
| 7     | 2                | 74,5               | 17                | 1126                        |                             | 525                                   |
| 8     | 3                | 80,6               | 14                | 1615                        | 1146                        | 967                                   |
| 9     | 2                | 56,5               | 19                | 1319                        |                             | 291                                   |
| 10    | 3                | 55,2               | 15                | 993                         | 1070                        | 1016                                  |
| 11    |                  |                    |                   |                             |                             |                                       |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-10-TRIAL-3**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 4**

**Bursts in Trial: 11**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 1                | 91,3               | 7                 |                             |                             | 70                                    |
| 2     | 2                | 96,1               | 20                | 1397                        |                             | 244                                   |
| 3     | 2                | 92,9               | 8                 | 1222                        |                             | 569                                   |
| 4     | 1                | 93,7               | 9                 |                             |                             | 1024                                  |
| 5     | 3                | 73,3               | 15                | 1243                        | 1066                        | 815                                   |
| 6     | 3                | 88,1               | 13                | 1133                        | 1652                        | 549                                   |
| 7     | 2                | 93,7               | 14                | 920                         |                             | 1027                                  |
| 8     | 1                | 99,1               | 6                 |                             |                             | 834                                   |
| 9     | 3                | 88,6               | 17                | 1511                        | 1909                        | 600                                   |
| 10    | 2                | 92,5               | 10                | 1050                        |                             | 314                                   |
| 11    | 2                | 53,7               | 17                | 1624                        |                             | 7                                     |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-11-TRIAL-4**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 5**

**Bursts in Trial: 12**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 1                | 51,8               | 20                |                             |                             | 641                                   |
| 2     | 2                | 80,1               | 8                 | 1641                        |                             | 875                                   |
| 3     | 2                | 88,2               | 8                 | 1852                        |                             | 33                                    |
| 4     | 2                | 71,8               | 10                | 1048                        |                             | 476                                   |
| 5     | 2                | 91,8               | 6                 | 1778                        |                             | 910                                   |
| 6     | 2                | 56,8               | 19                | 1212                        |                             | 570                                   |
| 7     | 1                | 69,6               | 13                |                             |                             | 637                                   |
| 8     | 2                | 94,6               | 13                | 1595                        |                             | 347                                   |
| 9     | 3                | 52,7               | 18                | 1682                        | 1384                        | 483                                   |
| 10    | 2                | 65,5               | 5                 | 1082                        |                             | 39                                    |
| 11    | 3                | 68,6               | 17                | 1467                        | 1397                        | 337                                   |
| 12    | 1                | 94,1               | 14                |                             |                             | 378                                   |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-12-TRIAL-5**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 6**

**Bursts in Trial: 13**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 80,3               | 8                 | 1655                        |                             | 381                                   |
| 2     | 2                | 54,5               | 5                 | 1022                        |                             | 363                                   |
| 3     | 3                | 68,3               | 12                | 967                         | 1634                        | 209                                   |
| 4     | 3                | 64                 | 18                | 1382                        | 1616                        | 337                                   |
| 5     | 3                | 73,2               | 20                | 1339                        | 1044                        | 432                                   |
| 6     | 2                | 77,8               | 20                | 1441                        |                             | 910                                   |
| 7     | 1                | 57,2               | 13                |                             |                             | 137                                   |
| 8     | 3                | 77,3               | 15                | 1284                        | 1888                        | 320                                   |
| 9     | 2                | 72,4               | 10                | 1040                        |                             | 349                                   |
| 10    | 2                | 83,9               | 5                 | 1843                        |                             | 849                                   |
| 11    | 2                | 95                 | 13                | 1021                        |                             | 352                                   |
| 12    | 1                | 63,3               | 10                |                             |                             | 583                                   |
| 13    | 2                | 60,3               | 11                | 1658                        |                             | 285                                   |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-13-TRIAL-6**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 7**

**Bursts in Trial: 14**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 1                | 60,8               | 19                |                             |                             | 487                                   |
| 2     | 2                | 91                 | 14                | 1147                        |                             | 817                                   |
| 3     | 1                | 57,8               | 9                 |                             |                             | 597                                   |
| 4     | 1                | 77,6               | 8                 |                             |                             | 20                                    |
| 5     | 2                | 66,3               | 13                | 1151                        |                             | 92                                    |
| 6     | 1                | 97,5               | 7                 |                             |                             | 569                                   |
| 7     | 1                | 90,1               | 10                |                             |                             | 716                                   |
| 8     | 1                | 53                 | 6                 |                             |                             | 403                                   |
| 9     | 3                | 50,5               | 17                | 1524                        | 1311                        | 397                                   |
| 10    | 1                | 55,8               | 10                |                             |                             | 121                                   |
| 11    | 2                | 73,7               | 12                | 1777                        |                             | 285                                   |
| 12    | 3                | 55,3               | 12                | 968                         | 1848                        | 240                                   |
| 13    | 2                | 79,8               | 7                 | 1709                        |                             | 178                                   |
| 14    | 3                | 84,3               | 6                 | 1627                        | 1577                        | 180                                   |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-14-TRIAL-7**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 8**

**Bursts in Trial: 15**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 65,3               | 10                | 1635                        |                             | 169                                   |
| 2     | 2                | 90,7               | 9                 | 1682                        |                             | 356                                   |
| 3     | 1                | 87,7               | 18                |                             |                             | 265                                   |
| 4     | 1                | 82,7               | 6                 |                             |                             | 216                                   |
| 5     | 1                | 85,2               | 20                |                             |                             | 370                                   |
| 6     | 2                | 67,9               | 6                 | 1090                        |                             | 639                                   |
| 7     | 3                | 61,6               | 11                | 1413                        | 990                         | 778                                   |
| 8     | 2                | 73,1               | 7                 | 1591                        |                             | 519                                   |
| 9     | 3                | 51,6               | 15                | 1882                        | 1340                        | 551                                   |
| 10    | 1                | 83,4               | 12                |                             |                             | 743                                   |
| 11    | 2                | 93,1               | 5                 | 1741                        |                             | 660                                   |
| 12    | 2                | 88,6               | 7                 | 1004                        |                             | 746                                   |
| 13    | 3                | 91,9               | 19                | 1291                        | 1892                        | 313                                   |
| 14    | 2                | 90,7               | 20                | 1628                        |                             | 362                                   |
| 15    | 1                | 52,4               | 17                |                             |                             | 37                                    |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-15-TRIAL-8**





**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 9**

**Bursts in Trial: 16**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 84,1               | 7                 | 1896                        |                             | 659                                   |
| 2     | 2                | 69,1               | 7                 | 1696                        |                             | 266                                   |
| 3     | 1                | 71,7               | 7                 |                             |                             | 703                                   |
| 4     | 1                | 83                 | 20                |                             |                             | 631                                   |
| 5     | 2                | 96,8               | 11                | 1232                        |                             | 567                                   |
| 6     | 2                | 61,1               | 11                | 1241                        |                             | 647                                   |
| 7     | 1                | 70,1               | 5                 |                             |                             | 418                                   |
| 8     | 2                | 62,5               | 19                | 1144                        |                             | 149                                   |
| 9     | 2                | 78,3               | 13                | 1703                        |                             | 296                                   |
| 10    | 2                | 97,4               | 15                | 1728                        |                             | 700                                   |
| 11    | 3                | 88,9               | 17                | 1759                        | 1060                        | 246                                   |
| 12    | 3                | 91                 | 13                | 1606                        | 1572                        | 468                                   |
| 13    | 3                | 76,5               | 11                | 1082                        | 1896                        | 231                                   |
| 14    | 1                | 64,5               | 12                |                             |                             | 182                                   |
| 15    | 2                | 60,2               | 18                | 1314                        |                             | 311                                   |
| 16    | 3                | 90,4               | 14                | 1415                        | 1474                        | 705                                   |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-16-TRIAL-9**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 10**

**Bursts in Trial: 17**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 66,2               | 20                | 1769                        |                             | 164                                   |
| 2     | 1                | 83                 | 8                 |                             |                             | 264                                   |
| 3     | 2                | 99,6               | 18                | 1270                        |                             | 570                                   |
| 4     | 3                | 98,4               | 14                | 1283                        | 1283                        | 221                                   |
| 5     | 3                | 55,6               | 13                | 1939                        | 1733                        | 185                                   |
| 6     | 2                | 97,5               | 20                | 1492                        |                             | 485                                   |
| 7     | 1                | 55,5               | 17                |                             |                             | 652                                   |
| 8     | 3                | 77,4               | 5                 | 1637                        | 1876                        | 182                                   |
| 9     | 1                | 77,6               | 15                |                             |                             | 610                                   |
| 10    | 2                | 71,9               | 15                | 1457                        |                             | 246                                   |
| 11    | 3                | 80                 | 15                | 1005                        | 1786                        | 413                                   |
| 12    | 1                | 65,2               | 11                |                             |                             | 118                                   |
| 13    | 2                | 92                 | 8                 | 1265                        |                             | 519                                   |
| 14    | 3                | 68,6               | 18                | 1138                        | 1708                        | 457                                   |
| 15    | 1                | 94,3               | 8                 |                             |                             | 451                                   |
| 16    | 2                | 70,7               | 18                | 1093                        |                             | 207                                   |
| 17    | 2                | 63,4               | 8                 | 1080                        |                             | 132                                   |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-17-TRIAL-10**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 11**

**Bursts in Trial: 18**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 79,7               | 5                 | 1563                        |                             | 647                                   |
| 2     | 2                | 59,3               | 19                | 1693                        |                             | 423                                   |
| 3     | 2                | 52,1               | 13                | 1625                        |                             | 110                                   |
| 4     | 1                | 93,8               | 19                |                             |                             | 194                                   |
| 5     | 2                | 93                 | 6                 | 1550                        |                             | 97                                    |
| 6     | 2                | 87,6               | 14                | 1233                        |                             | 448                                   |
| 7     | 3                | 62                 | 7                 | 1063                        | 1503                        | 144                                   |
| 8     | 3                | 95,4               | 19                | 1430                        | 1577                        | 282                                   |
| 9     | 1                | 82,8               | 7                 |                             |                             | 514                                   |
| 10    | 3                | 51,2               | 15                | 1404                        | 1885                        | 187                                   |
| 11    | 2                | 81                 | 8                 | 1554                        |                             | 392                                   |
| 12    | 3                | 81,6               | 5                 | 1254                        | 1055                        | 387                                   |
| 13    | 2                | 62,1               | 14                | 1006                        |                             | 291                                   |
| 14    | 2                | 82                 | 13                | 1003                        |                             | 435                                   |
| 15    | 2                | 60,9               | 18                | 1027                        |                             | 508                                   |
| 16    | 1                | 58,2               | 10                |                             |                             | 230                                   |
| 17    | 2                | 80,6               | 6                 | 1027                        |                             | 468                                   |
| 18    | 2                | 65,7               | 15                | 1878                        |                             | 279                                   |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-18-TRIAL-11**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 12**

**Bursts in Trial: 19**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 78,6               | 10                | 1208                        |                             | 558                                   |
| 2     | 3                | 93,2               | 11                | 1743                        | 1155                        | 475                                   |
| 3     | 2                | 86                 | 13                | 1719                        |                             | 70                                    |
| 4     | 1                | 76,4               | 13                |                             |                             | 529                                   |
| 5     | 1                | 84,4               | 10                |                             |                             | 144                                   |
| 6     | 1                | 68,4               | 5                 |                             |                             | 422                                   |
| 7     | 2                | 65,1               | 11                | 1250                        |                             | 524                                   |
| 8     | 2                | 58,6               | 13                | 1372                        |                             | 384                                   |
| 9     | 3                | 68,6               | 15                | 1499                        | 1321                        | 476                                   |
| 10    | 3                | 91,8               | 13                | 1201                        | 1475                        | 19                                    |
| 11    | 3                | 88,4               | 7                 | 1274                        | 1510                        | 451                                   |
| 12    | 2                | 91,2               | 20                | 1331                        |                             | 469                                   |
| 13    | 3                | 87,7               | 11                | 1356                        | 1716                        | 214                                   |
| 14    | 3                | 61,1               | 13                | 1718                        | 957                         | 29                                    |
| 15    | 3                | 77,1               | 11                | 1257                        | 1093                        | 477                                   |
| 16    | 2                | 81,7               | 7                 | 1792                        |                             | 256                                   |
| 17    | 3                | 53,6               | 13                | 1304                        | 1449                        | 246                                   |
| 18    | 1                | 68,2               | 19                |                             |                             | 237                                   |
| 19    | 1                | 93,8               | 20                |                             |                             | 57                                    |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-19-TRIAL-12**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 13**

**Bursts in Trial: 20**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 67,2               | 11                | 1581                        |                             | 422                                   |
| 2     | 2                | 64,9               | 13                | 1929                        |                             | 404                                   |
| 3     | 2                | 88,1               | 10                | 1131                        |                             | 298                                   |
| 4     | 2                | 75,5               | 18                | 1884                        |                             | 18                                    |
| 5     | 3                | 69,9               | 9                 | 1348                        | 1175                        | 523                                   |
| 6     | 2                | 80,4               | 9                 | 1074                        |                             | 12                                    |
| 7     | 2                | 55                 | 9                 | 1831                        |                             | 4                                     |
| 8     | 2                | 70,1               | 11                | 988                         |                             | 320                                   |
| 9     | 3                | 98,8               | 17                | 1502                        | 1211                        | 35                                    |
| 10    | 3                | 58,8               | 12                | 1019                        | 1687                        | 83                                    |
| 11    | 2                | 67,9               | 8                 | 1268                        |                             | 285                                   |
| 12    | 1                | 85,6               | 7                 |                             |                             | 410                                   |
| 13    | 2                | 93,5               | 19                | 1574                        |                             | 134                                   |
| 14    | 3                | 58,4               | 10                | 968                         | 1893                        | 168                                   |
| 15    | 1                | 73,8               | 17                |                             |                             | 266                                   |
| 16    | 3                | 95                 | 19                | 922                         | 1739                        | 183                                   |
| 17    | 3                | 63,6               | 5                 | 1267                        | 1251                        | 146                                   |
| 18    | 2                | 74,8               | 10                | 1175                        |                             | 336                                   |
| 19    | 2                | 62,9               | 5                 | 1110                        |                             | 131                                   |
| 20    | 1                | 72,8               | 15                |                             |                             | 496                                   |

**MSW File (Path A) : FCC0696-T5-20-TRIAL-13**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 14**

**Bursts in Trial: 8**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 3                | 64,2               | 19                | 1609                        | 1360                        | 1089                                  |
| 2     | 2                | 88,4               | 17                | 1751                        |                             | 1357                                  |
| 3     | 1                | 51,1               | 14                |                             |                             | 1003                                  |
| 4     | 3                | 63,6               | 15                | 963                         | 962                         | 1376                                  |
| 5     | 1                | 84,3               | 11                |                             |                             | 937                                   |
| 6     | 3                | 90,7               | 5                 | 1098                        | 986                         | 1068                                  |
| 7     | 2                | 93                 | 20                | 1130                        |                             | 1124                                  |
| 8     | 2                | 67,4               | 12                | 1308                        |                             | 574                                   |
| 9     |                  |                    |                   |                             |                             |                                       |
| 10    |                  |                    |                   |                             |                             |                                       |
| 11    |                  |                    |                   |                             |                             |                                       |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-08-TRIAL-14**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 15**

**Bursts in Trial: 9**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 1                | 62,3               | 5                 |                             |                             | 128                                   |
| 2     | 3                | 76,5               | 8                 | 1019                        | 1323                        | 486                                   |
| 3     | 2                | 82,5               | 5                 | 1183                        |                             | 911                                   |
| 4     | 2                | 54                 | 10                | 1805                        |                             | 972                                   |
| 5     | 3                | 94,7               | 18                | 1565                        | 1079                        | 46                                    |
| 6     | 3                | 53,9               | 19                | 1625                        | 1139                        | 570                                   |
| 7     | 3                | 55,6               | 13                | 1623                        | 1927                        | 1143                                  |
| 8     | 2                | 68,3               | 13                | 1890                        |                             | 1163                                  |
| 9     | 3                | 99,8               | 8                 | 1857                        | 1735                        | 249                                   |
| 10    |                  |                    |                   |                             |                             |                                       |
| 11    |                  |                    |                   |                             |                             |                                       |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-09-TRIAL-15**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 16**

**Bursts in Trial: 10**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 54,1               | 5                 | 1152                        |                             | 389                                   |
| 2     | 2                | 78,9               | 13                | 1150                        |                             | 881                                   |
| 3     | 1                | 77,6               | 13                |                             |                             | 980                                   |
| 4     | 1                | 85,8               | 14                |                             |                             | 40                                    |
| 5     | 3                | 74,8               | 15                | 1596                        | 976                         | 418                                   |
| 6     | 1                | 99,2               | 5                 |                             |                             | 129                                   |
| 7     | 3                | 71,5               | 6                 | 1454                        | 1858                        | 947                                   |
| 8     | 1                | 67,5               | 5                 |                             |                             | 413                                   |
| 9     | 2                | 68,7               | 9                 | 1840                        |                             | 1060                                  |
| 10    | 3                | 81,2               | 13                | 1604                        | 1132                        | 803                                   |
| 11    |                  |                    |                   |                             |                             |                                       |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-10-TRIAL-16**





**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 17**

**Bursts in Trial: 11**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 1                | 78,5               | 8                 |                             |                             | 441                                   |
| 2     | 1                | 60,8               | 9                 |                             |                             | 62                                    |
| 3     | 1                | 96,8               | 11                |                             |                             | 942                                   |
| 4     | 2                | 65,9               | 17                | 1306                        |                             | 1079                                  |
| 5     | 3                | 95,3               | 6                 | 1571                        | 1562                        | 269                                   |
| 6     | 2                | 67                 | 17                | 962                         |                             | 44                                    |
| 7     | 2                | 92,9               | 19                | 1635                        |                             | 503                                   |
| 8     | 3                | 74,3               | 14                | 1463                        | 1896                        | 264                                   |
| 9     | 3                | 77,7               | 10                | 1875                        | 1453                        | 115                                   |
| 10    | 2                | 75,1               | 6                 | 1036                        |                             | 465                                   |
| 11    | 1                | 94,8               | 19                |                             |                             | 676                                   |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-11-TRIAL-17**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 18**

**Bursts in Trial: 12**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 53,1               | 8                 | 1042                        |                             | 583                                   |
| 2     | 2                | 59,6               | 13                | 989                         |                             | 824                                   |
| 3     | 3                | 72,4               | 5                 | 1686                        | 1217                        | 658                                   |
| 4     | 2                | 66,6               | 17                | 1726                        |                             | 663                                   |
| 5     | 3                | 57,3               | 6                 | 1791                        | 1191                        | 602                                   |
| 6     | 1                | 51,9               | 18                |                             |                             | 955                                   |
| 7     | 1                | 56,1               | 13                |                             |                             | 900                                   |
| 8     | 2                | 96,1               | 6                 | 1368                        |                             | 599                                   |
| 9     | 1                | 93,4               | 18                |                             |                             | 634                                   |
| 10    | 1                | 97,3               | 11                |                             |                             | 534                                   |
| 11    | 3                | 50,5               | 7                 | 1103                        | 1061                        | 599                                   |
| 12    | 2                | 67,1               | 18                | 1036                        |                             | 489                                   |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-12-TRIAL-18**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 19**

**Bursts in Trial: 8**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 61,4               | 18                | 1761                        |                             | 1229                                  |
| 2     | 3                | 69,1               | 7                 | 1759                        | 1639                        | 1136                                  |
| 3     | 3                | 56,5               | 8                 | 961                         | 1228                        | 508                                   |
| 4     | 1                | 87,2               | 19                |                             |                             | 993                                   |
| 5     | 2                | 96                 | 7                 | 1852                        |                             | 1374                                  |
| 6     | 3                | 51,8               | 15                | 1295                        | 1517                        | 522                                   |
| 7     | 3                | 71,8               | 17                | 1651                        | 1422                        | 1394                                  |
| 8     | 2                | 54,3               | 20                | 1296                        |                             | 952                                   |
| 9     |                  |                    |                   |                             |                             |                                       |
| 10    |                  |                    |                   |                             |                             |                                       |
| 11    |                  |                    |                   |                             |                             |                                       |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-08-TRIAL-19**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 20**

**Bursts in Trial: 9**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 1                | 84,5               | 6                 |                             |                             | 890                                   |
| 2     | 2                | 89,4               | 8                 | 1712                        |                             | 681                                   |
| 3     | 2                | 86,5               | 13                | 1634                        |                             | 839                                   |
| 4     | 2                | 57,4               | 18                | 1601                        |                             | 1217                                  |
| 5     | 2                | 95,7               | 5                 | 1062                        |                             | 798                                   |
| 6     | 3                | 94,5               | 5                 | 1745                        | 1189                        | 216                                   |
| 7     | 2                | 70,5               | 12                | 1385                        |                             | 548                                   |
| 8     | 2                | 69,9               | 11                | 1924                        |                             | 134                                   |
| 9     | 2                | 96                 | 13                | 1778                        |                             | 692                                   |
| 10    |                  |                    |                   |                             |                             |                                       |
| 11    |                  |                    |                   |                             |                             |                                       |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-09-TRIAL-20**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 21**

**Bursts in Trial: 10**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 61,1               | 18                | 1731                        |                             | 841                                   |
| 2     | 1                | 69,6               | 17                |                             |                             | 421                                   |
| 3     | 2                | 80,5               | 7                 | 1015                        |                             | 29                                    |
| 4     | 2                | 51,3               | 14                | 1021                        |                             | 657                                   |
| 5     | 2                | 52,7               | 14                | 1046                        |                             | 790                                   |
| 6     | 2                | 63,3               | 20                | 1279                        |                             | 230                                   |
| 7     | 1                | 63,9               | 12                |                             |                             | 310                                   |
| 8     | 3                | 52,2               | 9                 | 1109                        | 1579                        | 593                                   |
| 9     | 2                | 63,6               | 14                | 1519                        |                             | 807                                   |
| 10    | 3                | 56                 | 17                | 1375                        | 1076                        | 205                                   |
| 11    |                  |                    |                   |                             |                             |                                       |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-10-TRIAL-21**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 22**

**Bursts in Trial: 11**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 1                | 85,3               | 9                 |                             |                             | 517                                   |
| 2     | 1                | 60,9               | 19                |                             |                             | 1056                                  |
| 3     | 3                | 65,2               | 7                 | 1138                        | 1571                        | 1076                                  |
| 4     | 3                | 53,5               | 8                 | 1862                        | 1214                        | 174                                   |
| 5     | 2                | 55,8               | 13                | 1101                        |                             | 639                                   |
| 6     | 2                | 64,9               | 7                 | 1630                        |                             | 809                                   |
| 7     | 2                | 84,3               | 19                | 1556                        |                             | 686                                   |
| 8     | 2                | 60,8               | 13                | 981                         |                             | 363                                   |
| 9     | 3                | 86,7               | 14                | 1450                        | 1851                        | 531                                   |
| 10    | 3                | 82,4               | 17                | 1139                        | 1862                        | 239                                   |
| 11    | 3                | 58,1               | 18                | 1102                        | 1299                        | 307                                   |
| 12    |                  |                    |                   |                             |                             |                                       |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-11-TRIAL-22**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 23**

**Bursts in Trial: 12**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 1                | 65,7               | 8                 |                             |                             | 549                                   |
| 2     | 1                | 81,7               | 6                 |                             |                             | 6                                     |
| 3     | 2                | 61,8               | 5                 | 1257                        |                             | 610                                   |
| 4     | 2                | 99,5               | 7                 | 1559                        |                             | 681                                   |
| 5     | 2                | 75,5               | 20                | 1196                        |                             | 923                                   |
| 6     | 2                | 77,7               | 15                | 1495                        |                             | 99                                    |
| 7     | 2                | 56                 | 7                 | 1268                        |                             | 285                                   |
| 8     | 2                | 78,5               | 9                 | 1892                        |                             | 142                                   |
| 9     | 2                | 96,7               | 17                | 1834                        |                             | 977                                   |
| 10    | 2                | 85,6               | 13                | 1022                        |                             | 478                                   |
| 11    | 1                | 88,1               | 19                |                             |                             | 212                                   |
| 12    | 2                | 86,8               | 17                | 1007                        |                             | 483                                   |
| 13    |                  |                    |                   |                             |                             |                                       |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-12-TRIAL-23**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 24**

**Bursts in Trial: 13**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 1                | 79,5               | 20                |                             |                             | 383                                   |
| 2     | 3                | 88,7               | 20                | 1519                        | 1294                        | 340                                   |
| 3     | 2                | 64,6               | 5                 | 1619                        |                             | 597                                   |
| 4     | 2                | 65,1               | 17                | 1365                        |                             | 367                                   |
| 5     | 2                | 56,2               | 20                | 1095                        |                             | 229                                   |
| 6     | 3                | 50,7               | 11                | 1637                        | 1159                        | 633                                   |
| 7     | 3                | 87,7               | 14                | 944                         | 1559                        | 719                                   |
| 8     | 3                | 65,6               | 9                 | 1644                        | 1834                        | 745                                   |
| 9     | 2                | 81,4               | 13                | 1455                        |                             | 898                                   |
| 10    | 1                | 90,7               | 15                |                             |                             | 382                                   |
| 11    | 2                | 85,6               | 9                 | 1419                        |                             | 461                                   |
| 12    | 2                | 88,3               | 17                | 1801                        |                             | 103                                   |
| 13    | 2                | 59                 | 14                | 1701                        |                             | 698                                   |
| 14    |                  |                    |                   |                             |                             |                                       |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-13-TRIAL-24**





**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 25**

**Bursts in Trial: 14**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 90,3               | 20                | 1361                        |                             | 325                                   |
| 2     | 2                | 63,8               | 10                | 1434                        |                             | 802                                   |
| 3     | 1                | 68,6               | 5                 |                             |                             | 129                                   |
| 4     | 1                | 69,6               | 13                |                             |                             | 410                                   |
| 5     | 3                | 75,2               | 13                | 1208                        | 1604                        | 189                                   |
| 6     | 2                | 82,1               | 18                | 1766                        |                             | 131                                   |
| 7     | 2                | 92,5               | 18                | 1688                        |                             | 91                                    |
| 8     | 2                | 65,1               | 17                | 1648                        |                             | 822                                   |
| 9     | 3                | 99,6               | 18                | 1235                        | 1393                        | 742                                   |
| 10    | 2                | 81,9               | 18                | 1280                        |                             | 705                                   |
| 11    | 2                | 82,3               | 12                | 1255                        |                             | 849                                   |
| 12    | 1                | 94,3               | 5                 |                             |                             | 19                                    |
| 13    | 2                | 55,9               | 15                | 1784                        |                             | 741                                   |
| 14    | 3                | 83,1               | 15                | 1226                        | 1329                        | 205                                   |
| 15    |                  |                    |                   |                             |                             |                                       |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-14-TRIAL-25**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 26**

**Bursts in Trial: 15**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 3                | 87,6               | 9                 | 1547                        | 1025                        | 642                                   |
| 2     | 2                | 82,5               | 10                | 1377                        |                             | 607                                   |
| 3     | 3                | 56,5               | 9                 | 1437                        | 994                         | 231                                   |
| 4     | 2                | 99                 | 6                 | 1240                        |                             | 478                                   |
| 5     | 1                | 79,6               | 5                 |                             |                             | 695                                   |
| 6     | 2                | 87,7               | 18                | 1830                        |                             | 633                                   |
| 7     | 3                | 60,5               | 18                | 1504                        | 1118                        | 258                                   |
| 8     | 3                | 97,1               | 18                | 1587                        | 1144                        | 394                                   |
| 9     | 3                | 79,3               | 14                | 1071                        | 1272                        | 450                                   |
| 10    | 1                | 56,6               | 7                 |                             |                             | 322                                   |
| 11    | 2                | 93,2               | 19                | 967                         |                             | 6                                     |
| 12    | 2                | 85,7               | 5                 | 1861                        |                             | 603                                   |
| 13    | 2                | 90                 | 8                 | 1177                        |                             | 109                                   |
| 14    | 2                | 67                 | 20                | 1690                        |                             | 441                                   |
| 15    | 2                | 90,9               | 9                 | 1469                        |                             | 138                                   |
| 16    |                  |                    |                   |                             |                             |                                       |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-15-TRIAL-26**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 27**

**Bursts in Trial: 16**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 80,7               | 5                 | 1043                        |                             | 405                                   |
| 2     | 3                | 61,7               | 9                 | 1412                        | 1823                        | 24                                    |
| 3     | 1                | 63,1               | 9                 |                             |                             | 261                                   |
| 4     | 2                | 67                 | 5                 | 1819                        |                             | 532                                   |
| 5     | 1                | 58,3               | 13                |                             |                             | 172                                   |
| 6     | 1                | 71,3               | 12                |                             |                             | 40                                    |
| 7     | 2                | 94,2               | 10                | 1776                        |                             | 347                                   |
| 8     | 2                | 75,3               | 12                | 1395                        |                             | 397                                   |
| 9     | 2                | 91,3               | 11                | 1908                        |                             | 163                                   |
| 10    | 3                | 66,5               | 14                | 1133                        | 1814                        | 711                                   |
| 11    | 2                | 68                 | 13                | 1780                        |                             | 518                                   |
| 12    | 3                | 72,4               | 6                 | 1796                        | 1266                        | 180                                   |
| 13    | 3                | 98,4               | 14                | 955                         | 1835                        | 64                                    |
| 14    | 2                | 81                 | 6                 | 1065                        |                             | 635                                   |
| 15    | 2                | 57,2               | 18                | 1274                        |                             | 676                                   |
| 16    | 2                | 99,1               | 18                | 1873                        |                             | 740                                   |
| 17    |                  |                    |                   |                             |                             |                                       |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-16-TRIAL-27**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 28**

**Bursts in Trial: 17**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 3                | 78,2               | 15                | 1832                        | 1762                        | 213                                   |
| 2     | 2                | 66,4               | 8                 | 1589                        |                             | 177                                   |
| 3     | 2                | 79,5               | 5                 | 1417                        |                             | 52                                    |
| 4     | 3                | 71                 | 13                | 1906                        | 1049                        | 75                                    |
| 5     | 1                | 85,5               | 9                 |                             |                             | 515                                   |
| 6     | 2                | 56,2               | 14                | 1332                        |                             | 209                                   |
| 7     | 2                | 82,3               | 12                | 1444                        |                             | 296                                   |
| 8     | 2                | 55,9               | 18                | 1519                        |                             | 49                                    |
| 9     | 2                | 73,5               | 6                 | 1892                        |                             | 371                                   |
| 10    | 1                | 94,9               | 10                |                             |                             | 184                                   |
| 11    | 3                | 59,7               | 13                | 974                         | 1059                        | 240                                   |
| 12    | 1                | 84                 | 20                |                             |                             | 593                                   |
| 13    | 2                | 87,4               | 9                 | 1647                        |                             | 77                                    |
| 14    | 1                | 97,5               | 13                |                             |                             | 567                                   |
| 15    | 2                | 74,8               | 7                 | 1235                        |                             | 518                                   |
| 16    | 2                | 90                 | 19                | 1543                        |                             | 266                                   |
| 17    | 2                | 53,9               | 9                 | 1207                        |                             | 557                                   |
| 18    |                  |                    |                   |                             |                             |                                       |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-17-TRIAL-28**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 29**

**Bursts in Trial: 18**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 2                | 68,2               | 13                | 1691                        |                             | 590                                   |
| 2     | 3                | 84,7               | 6                 | 1099                        | 1764                        | 138                                   |
| 3     | 3                | 52,7               | 13                | 1147                        | 1362                        | 205                                   |
| 4     | 2                | 52,5               | 15                | 1254                        |                             | 96                                    |
| 5     | 2                | 87,6               | 8                 | 1432                        |                             | 346                                   |
| 6     | 3                | 99,6               | 17                | 1038                        | 1096                        | 435                                   |
| 7     | 1                | 55,1               | 12                |                             |                             | 471                                   |
| 8     | 1                | 91,7               | 10                |                             |                             | 315                                   |
| 9     | 2                | 86,6               | 9                 | 1755                        |                             | 225                                   |
| 10    | 2                | 76,2               | 13                | 1067                        |                             | 200                                   |
| 11    | 3                | 70,3               | 20                | 1773                        | 1044                        | 612                                   |
| 12    | 2                | 79,5               | 11                | 1328                        |                             | 6                                     |
| 13    | 2                | 73,8               | 5                 | 1213                        |                             | 61                                    |
| 14    | 1                | 93,8               | 10                |                             |                             | 657                                   |
| 15    | 3                | 98,9               | 20                | 1284                        | 1416                        | 297                                   |
| 16    | 3                | 85,5               | 8                 | 1732                        | 1580                        | 54                                    |
| 17    | 2                | 65,2               | 19                | 1483                        |                             | 368                                   |
| 18    | 1                | 74                 | 20                |                             |                             | 297                                   |
| 19    |                  |                    |                   |                             |                             |                                       |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-18-TRIAL-29**



**TYPE 5 PARAMETER SHEET** Rohde & Schwarz  
K6 Pulse Sequencer

**Trial Number : 30**

**Bursts in Trial: 19**

| Burst | Number of Pulses | Pulse Width (µsec) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (µsec) | Pulse 2-to-3 Spacing (µsec) | Start Location Within Interval (msec) |
|-------|------------------|--------------------|-------------------|-----------------------------|-----------------------------|---------------------------------------|
| 1     | 3                | 92,9               | 13                | 1390                        | 1002                        | 447                                   |
| 2     | 2                | 89,7               | 11                | 979                         |                             | 5                                     |
| 3     | 3                | 59,1               | 13                | 1015                        | 1601                        | 394                                   |
| 4     | 2                | 66,4               | 17                | 1571                        |                             | 415                                   |
| 5     | 1                | 81,2               | 18                |                             |                             | 172                                   |
| 6     | 3                | 52,3               | 17                | 1727                        | 1599                        | 460                                   |
| 7     | 2                | 95,1               | 19                | 1074                        |                             | 366                                   |
| 8     | 3                | 55,3               | 7                 | 975                         | 1524                        | 92                                    |
| 9     | 2                | 70,2               | 14                | 1322                        |                             | 193                                   |
| 10    | 3                | 78,9               | 13                | 1252                        | 1503                        | 235                                   |
| 11    | 1                | 54                 | 7                 |                             |                             | 171                                   |
| 12    | 2                | 81,3               | 20                | 1439                        |                             | 67                                    |
| 13    | 2                | 77,2               | 13                | 1747                        |                             | 520                                   |
| 14    | 3                | 78,3               | 20                | 1714                        | 1589                        | 317                                   |
| 15    | 2                | 75,6               | 15                | 1838                        |                             | 199                                   |
| 16    | 2                | 87,3               | 7                 | 1050                        |                             | 319                                   |
| 17    | 1                | 97,8               | 17                |                             |                             | 377                                   |
| 18    | 3                | 76,3               | 17                | 1183                        | 952                         | 557                                   |
| 19    | 3                | 66,4               | 9                 | 1031                        | 1586                        | 608                                   |
| 20    |                  |                    |                   |                             |                             |                                       |

**MSW File (Path A) : FCC0696-T5-19-TRIAL-30**