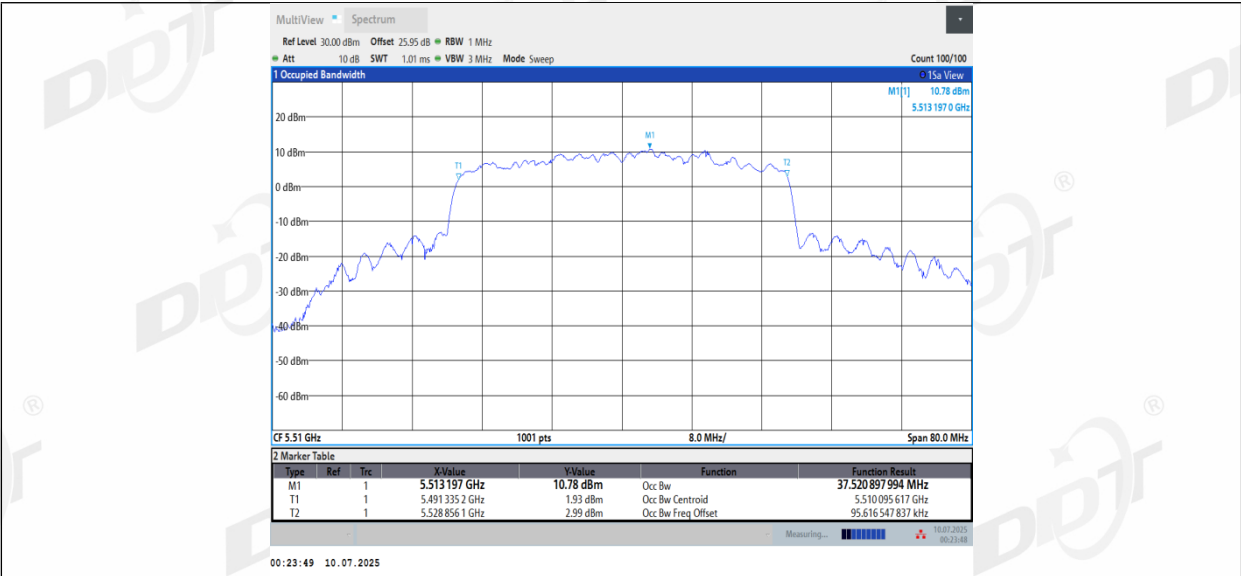
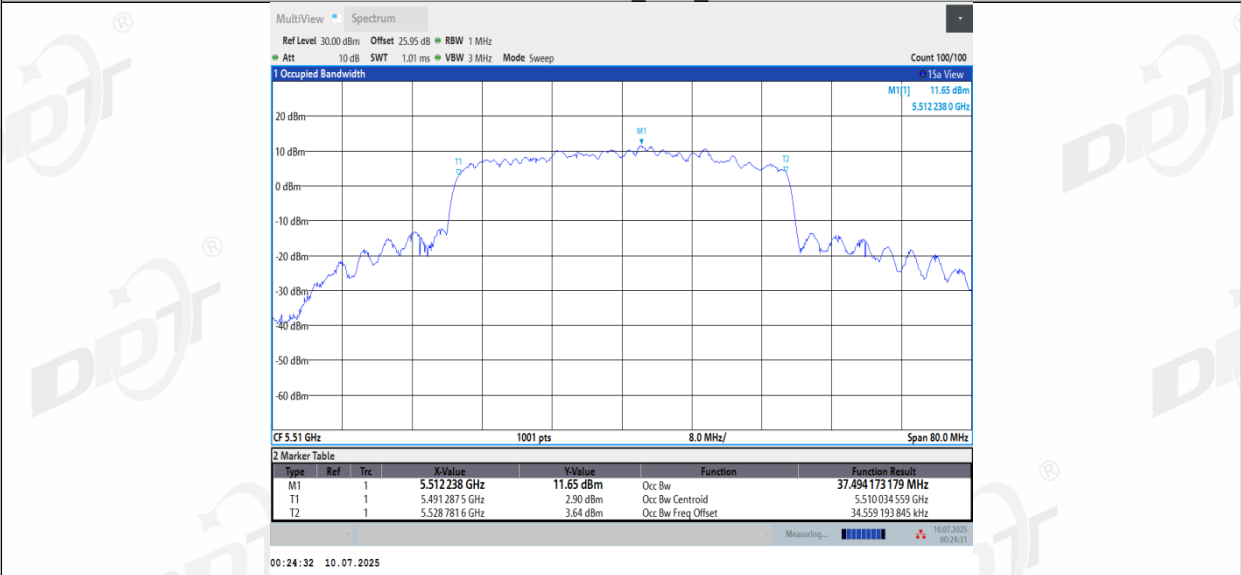
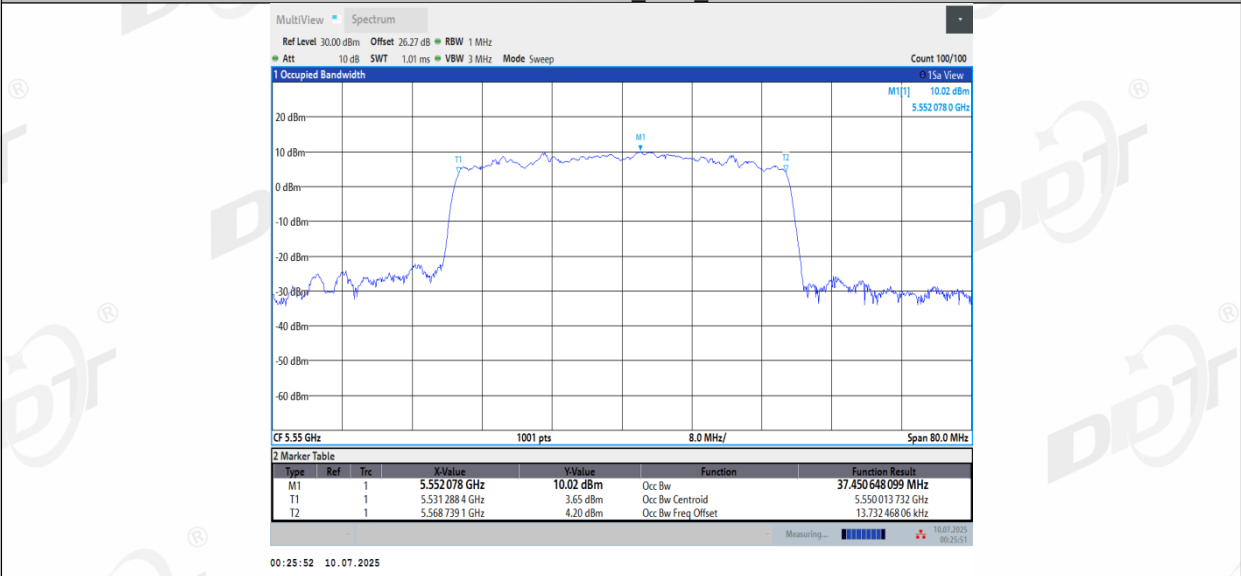




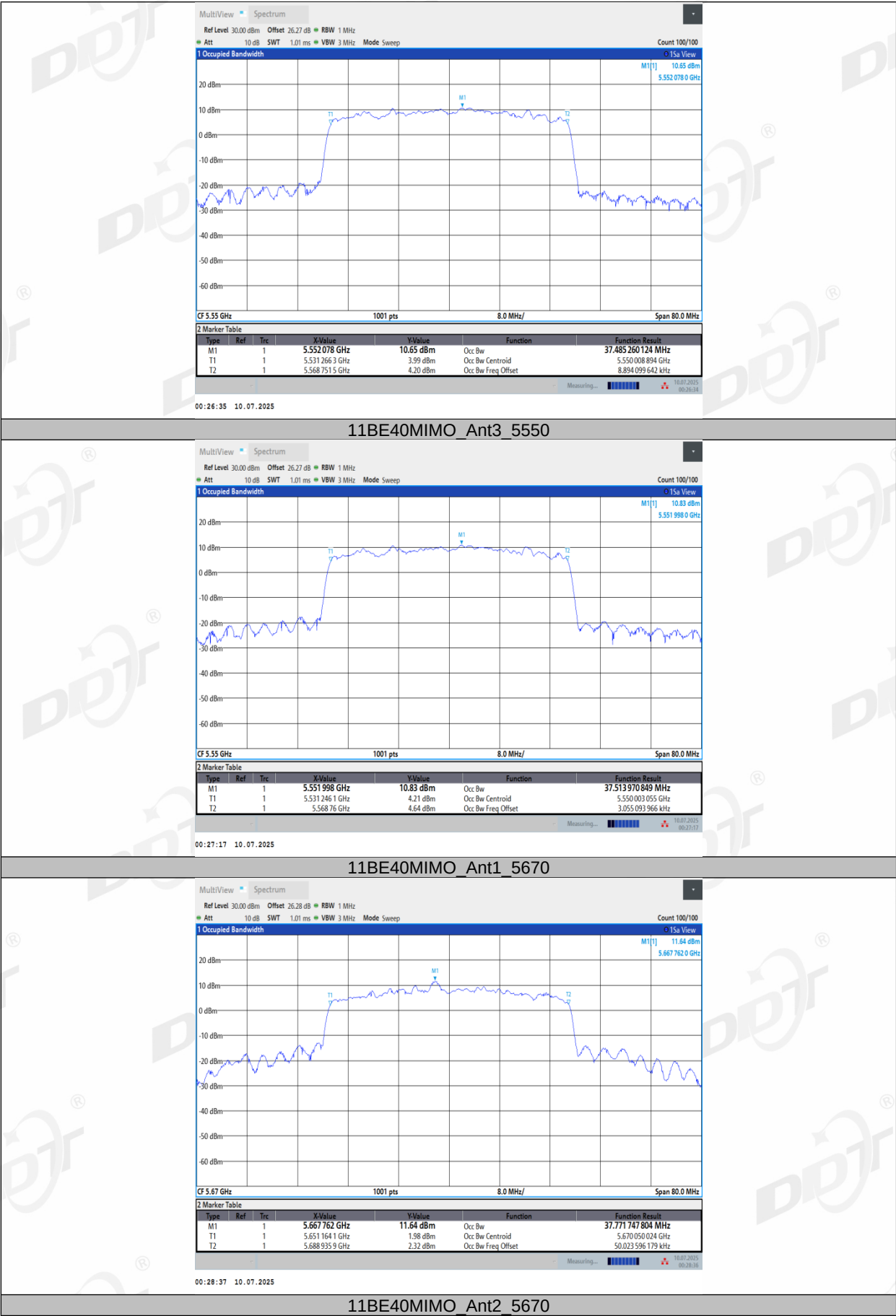
11BE40MIMO\_Ant3\_5510

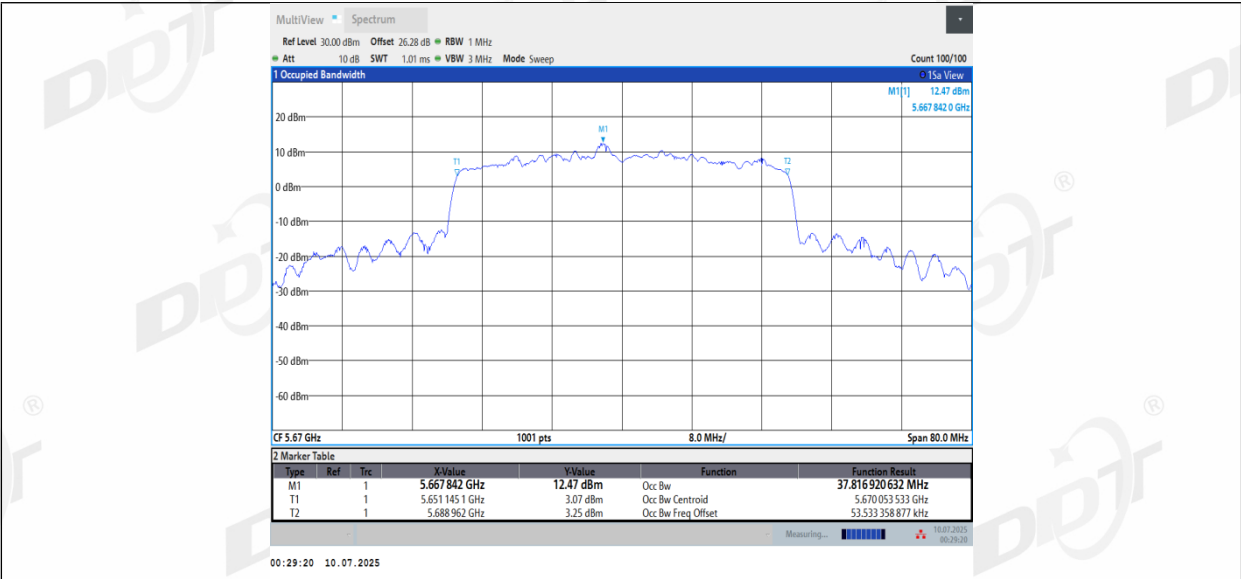


11BE40MIMO\_Ant1\_5550

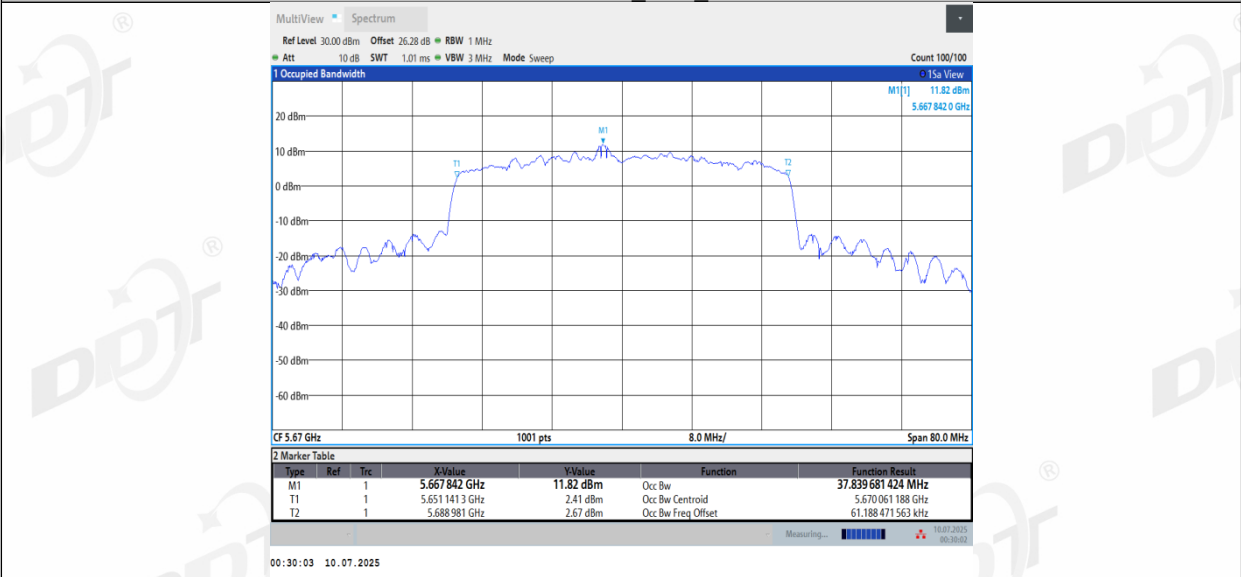


11BE40MIMO\_Ant2\_5550

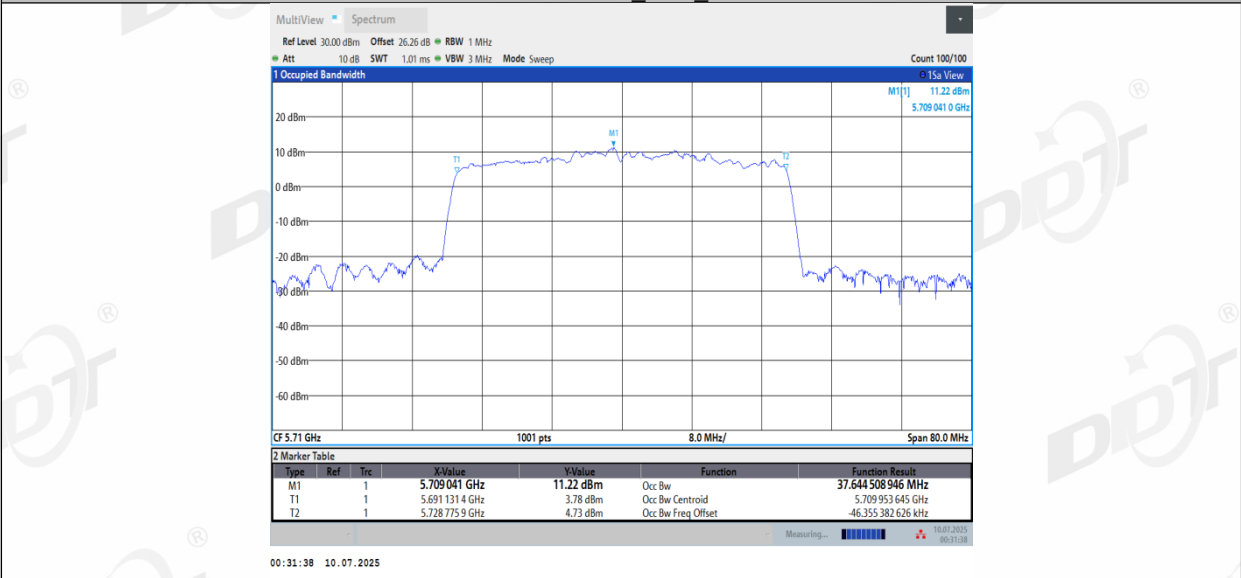




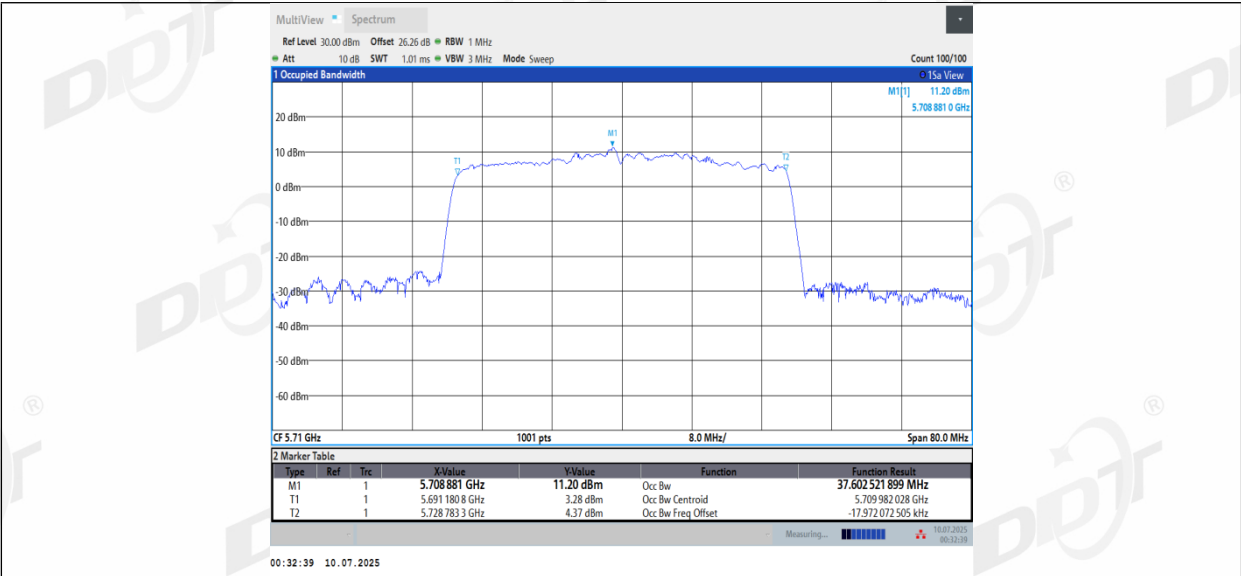
11BE40MIMO\_Ant3\_5670



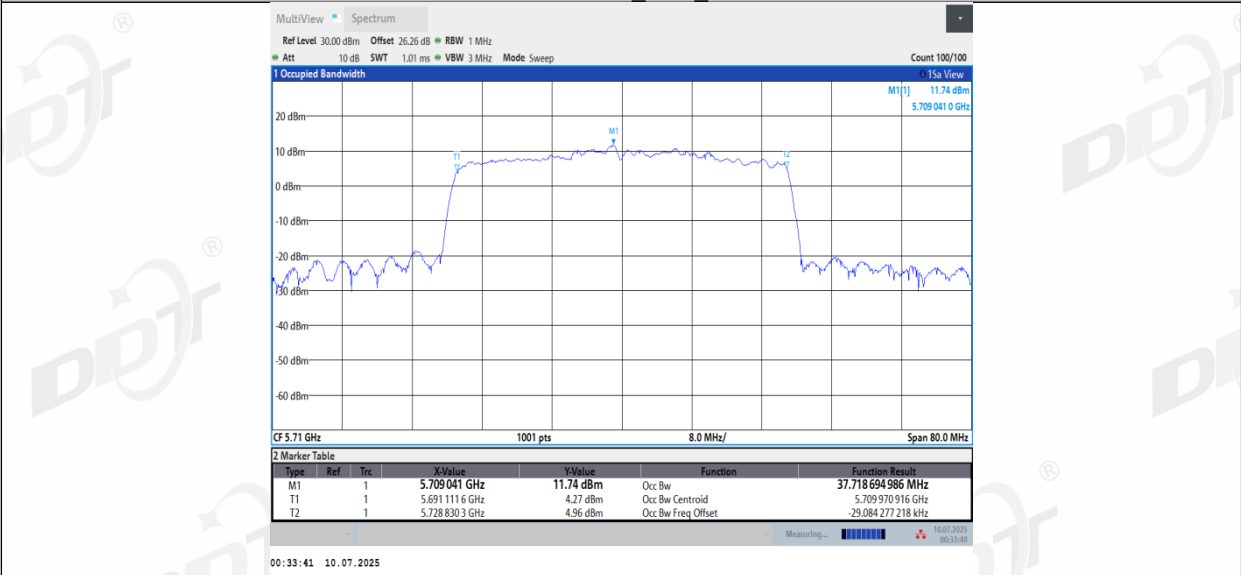
11BE40MIMO\_Ant1\_5710



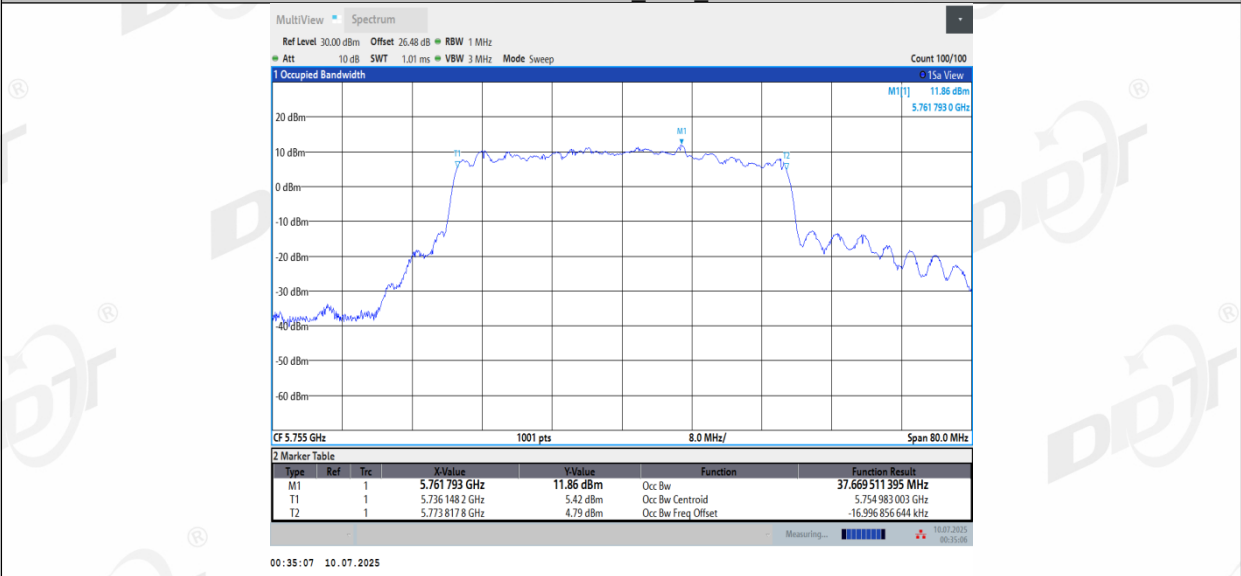
11BE40MIMO\_Ant2\_5710



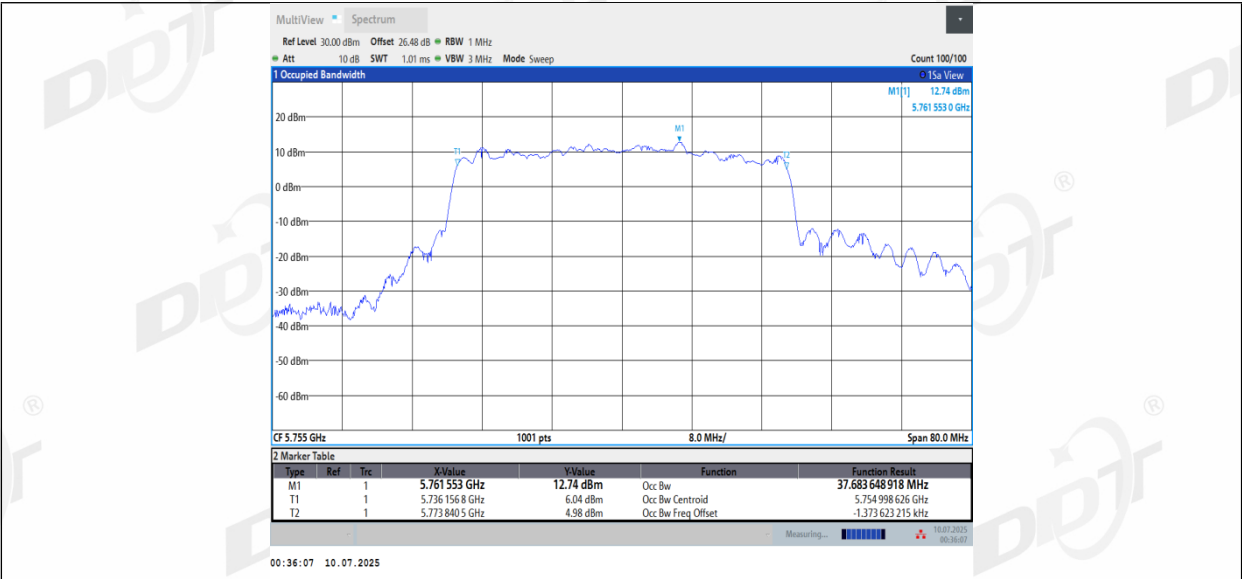
11BE40MIMO\_Ant3\_5710



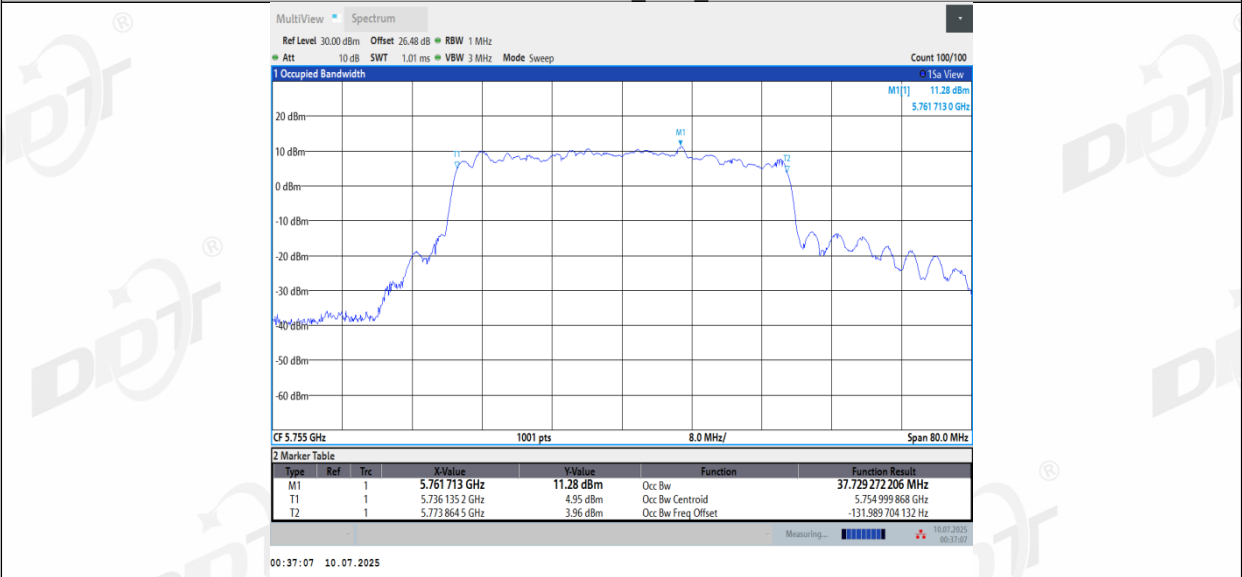
11BE40MIMO\_Ant1\_5755



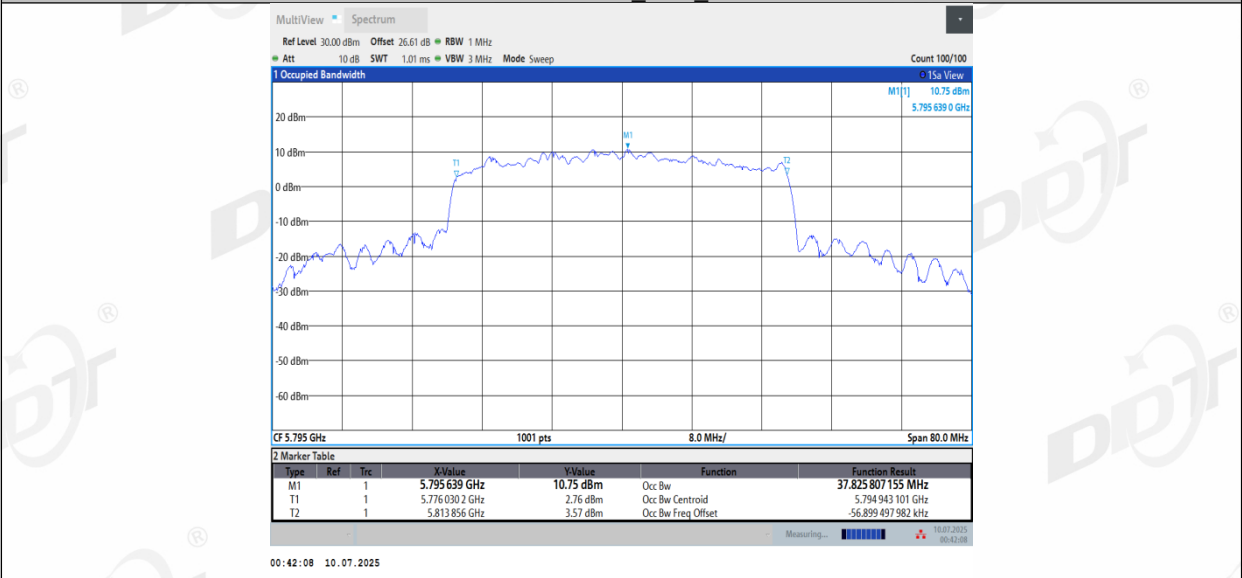
11BE40MIMO\_Ant2\_5755



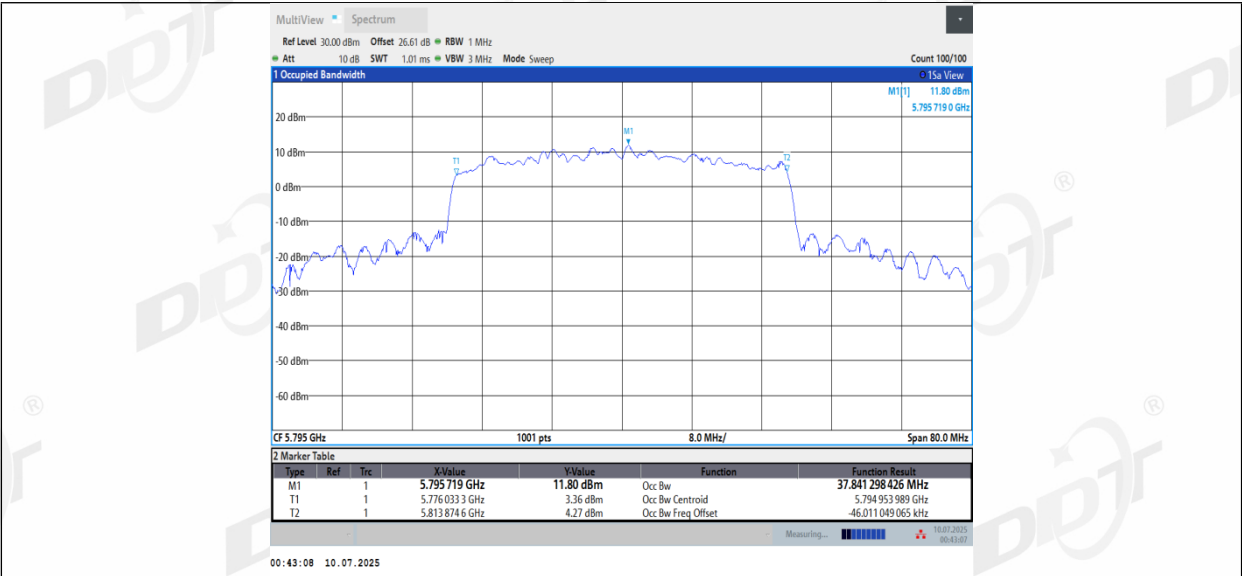
11BE40MIMO\_Ant3\_5755



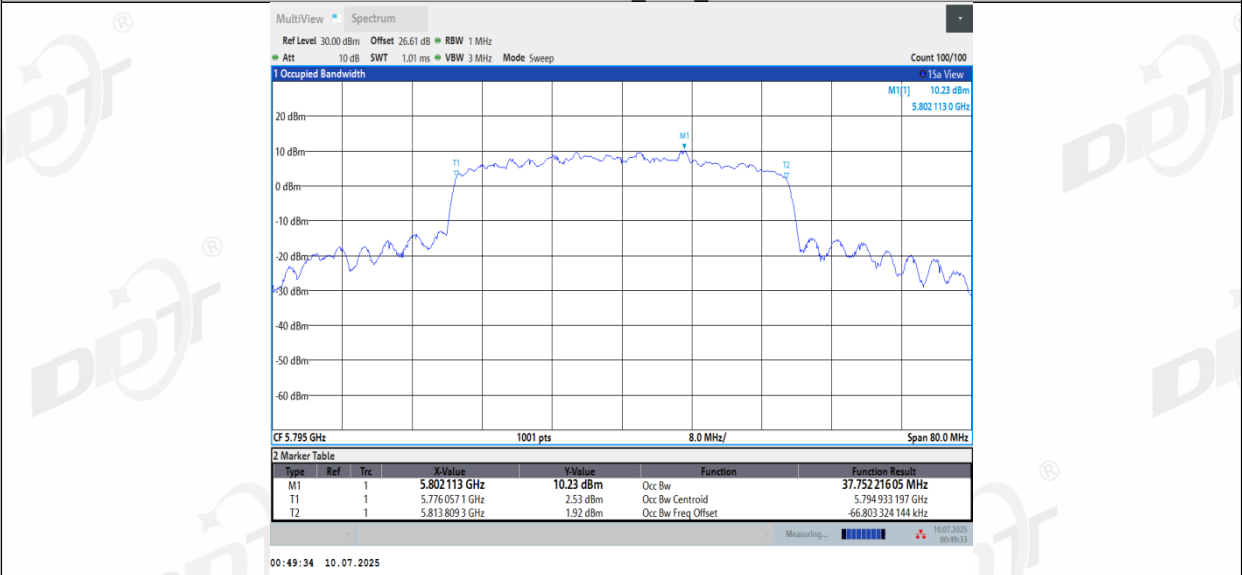
11BE40MIMO\_Ant1\_5795



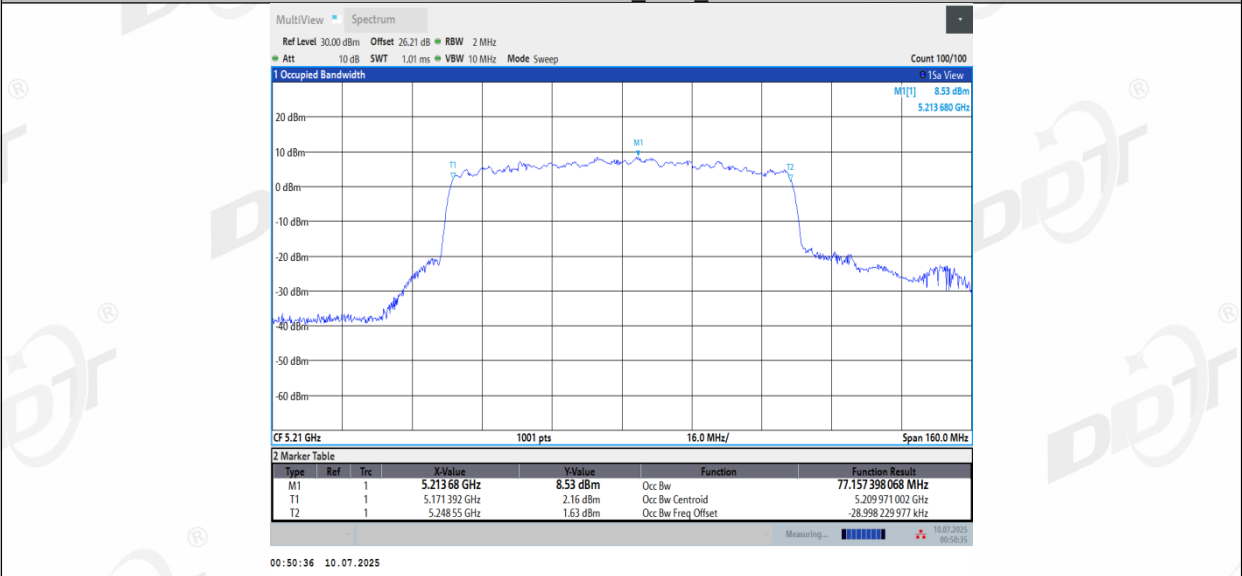
11BE40MIMO\_Ant2\_5795



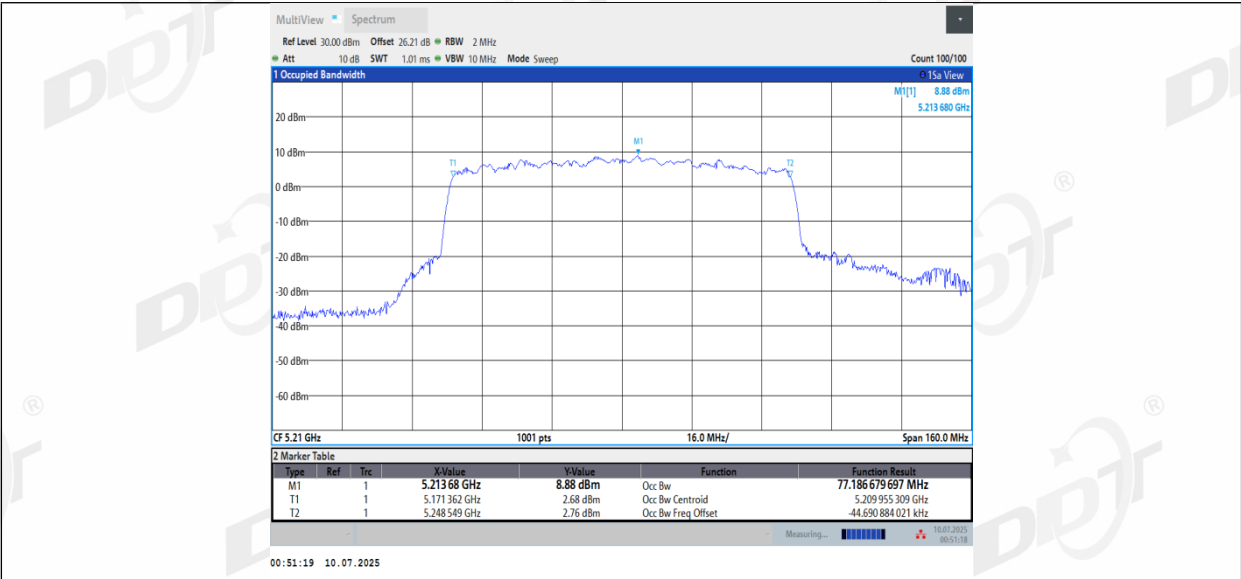
11BE40MIMO\_Ant3\_5795



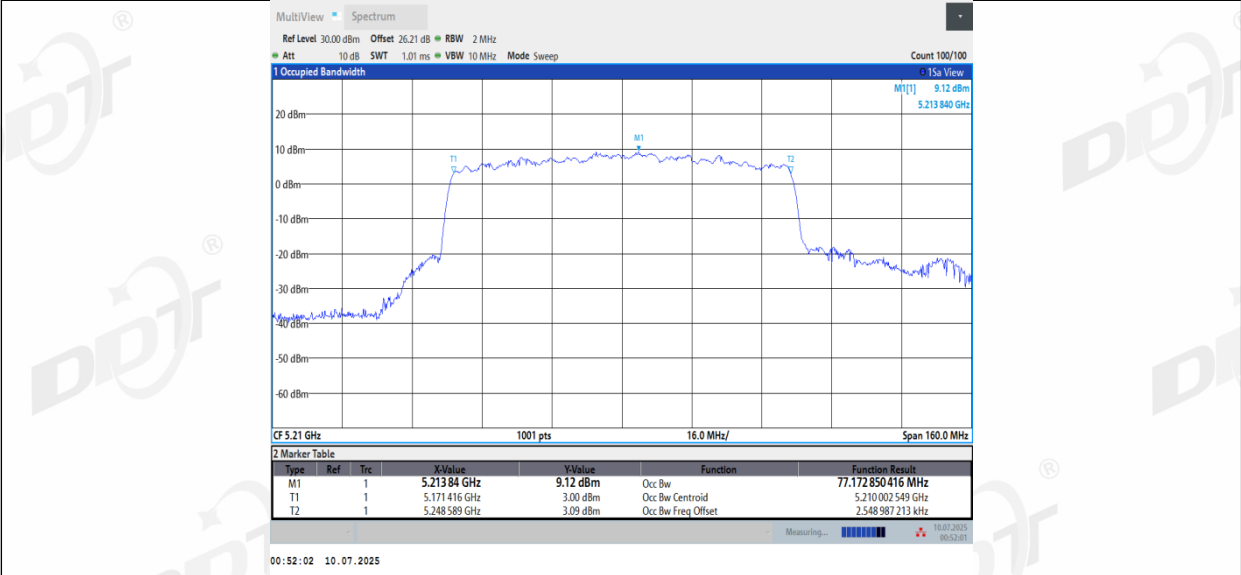
11BE80MIMO\_Ant1\_5210



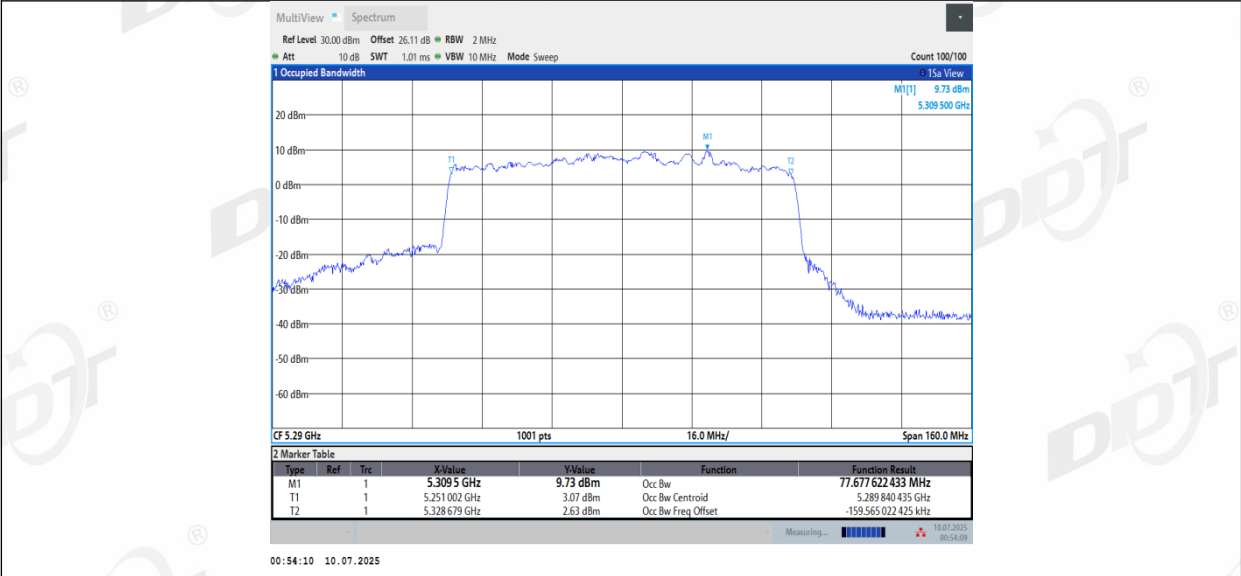
11BE80MIMO\_Ant2\_5210



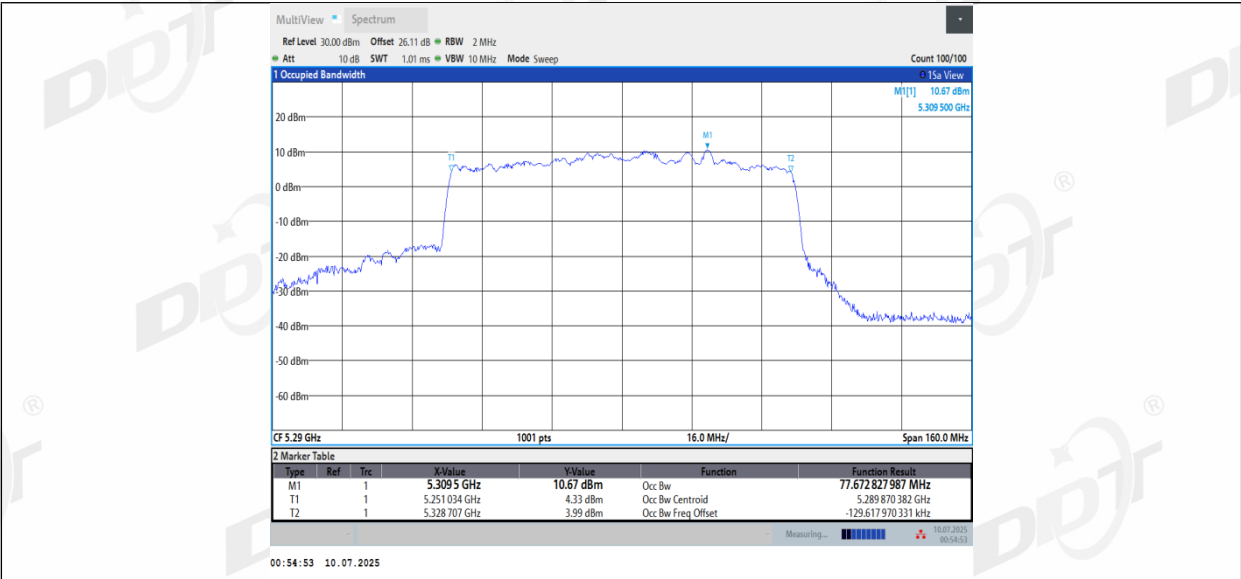
11BE80MIMO\_Ant3\_5210



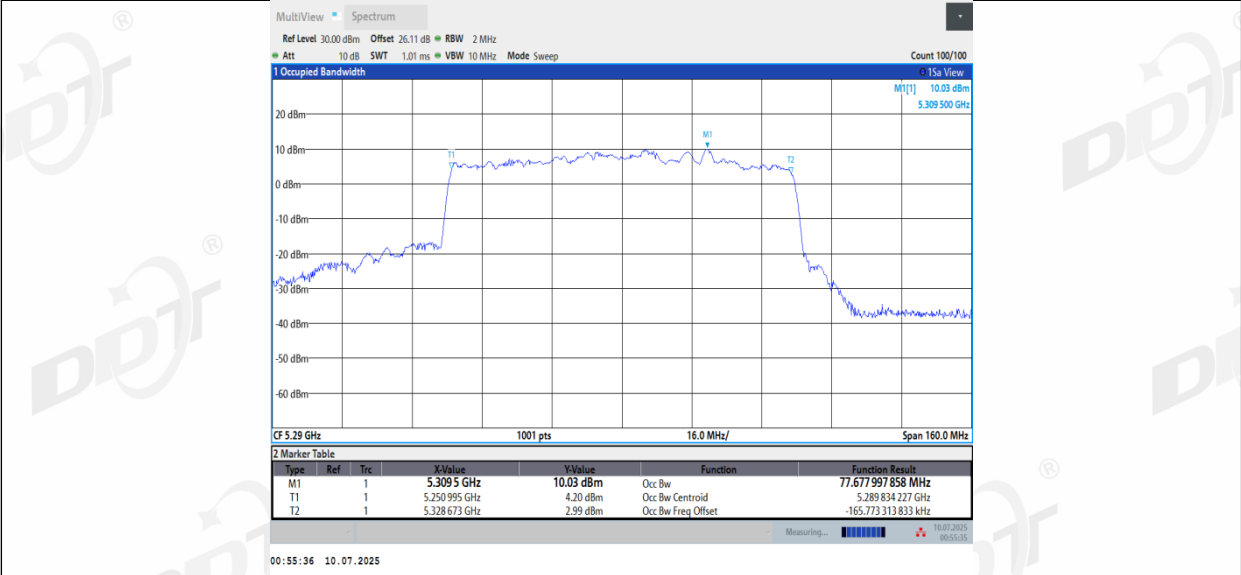
11BE80MIMO\_Ant1\_5290



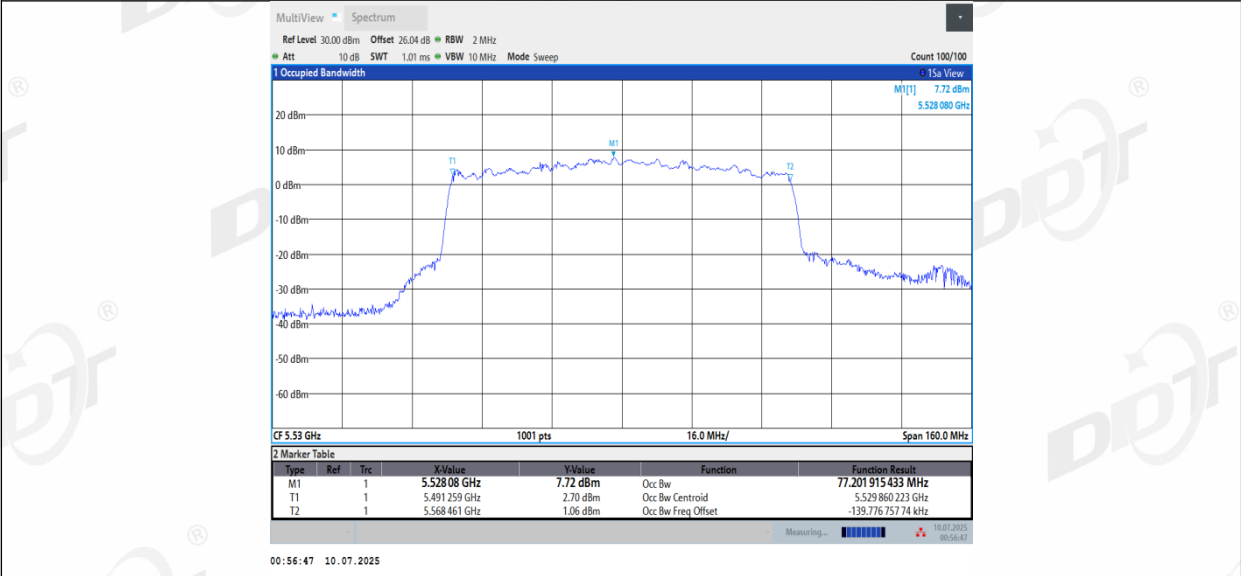
11BE80MIMO\_Ant2\_5290



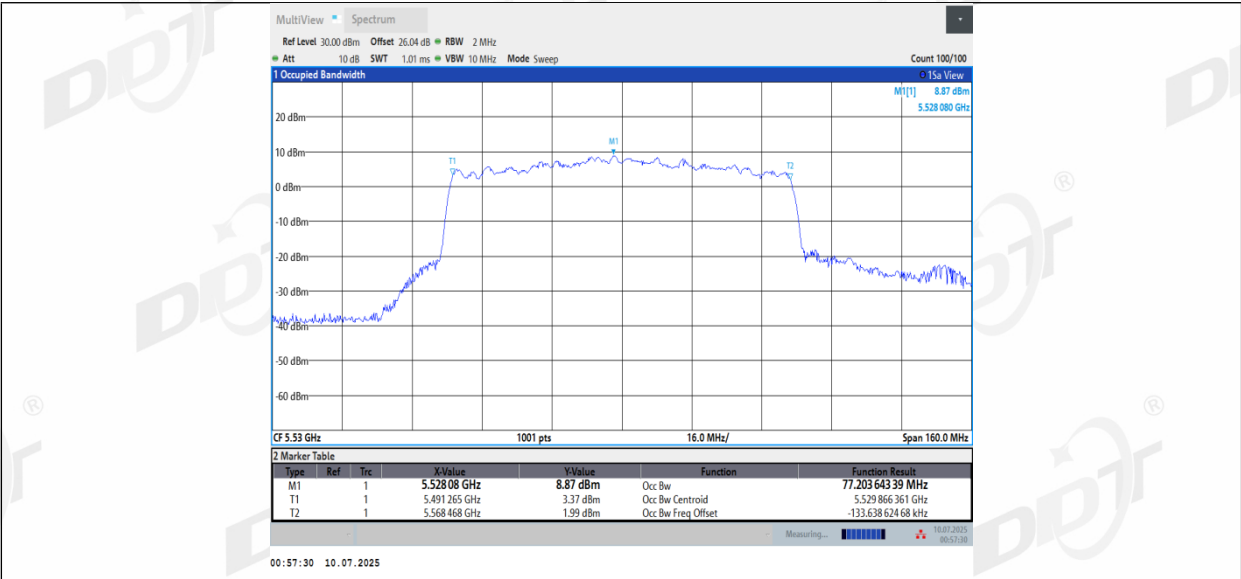
11BE80MIMO\_Ant3\_5290



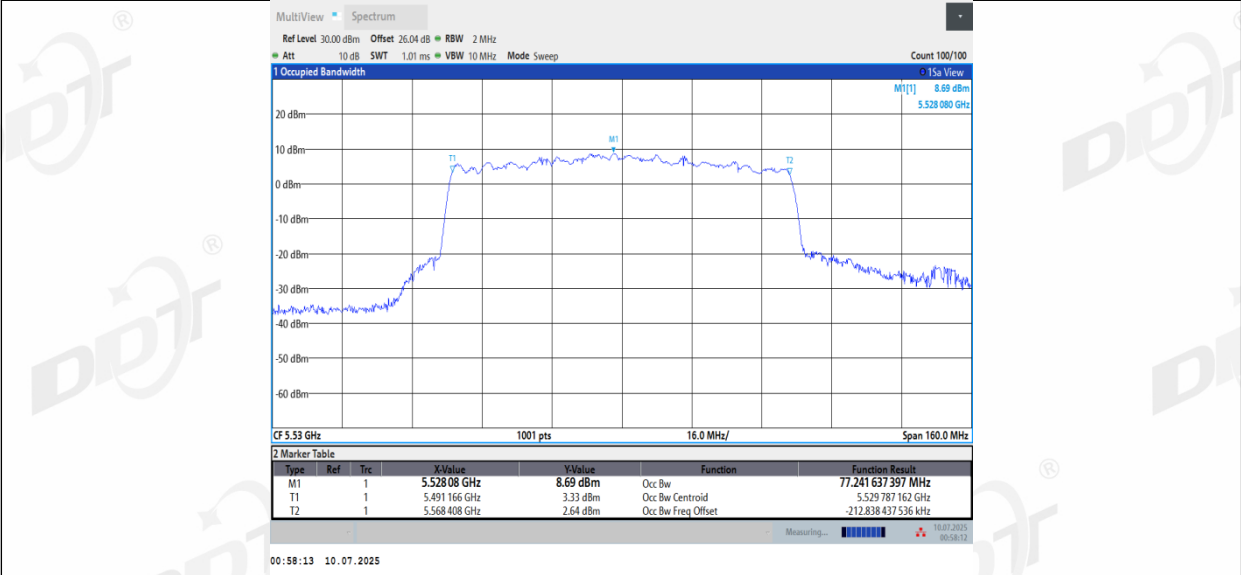
11BE80MIMO\_Ant1\_5530



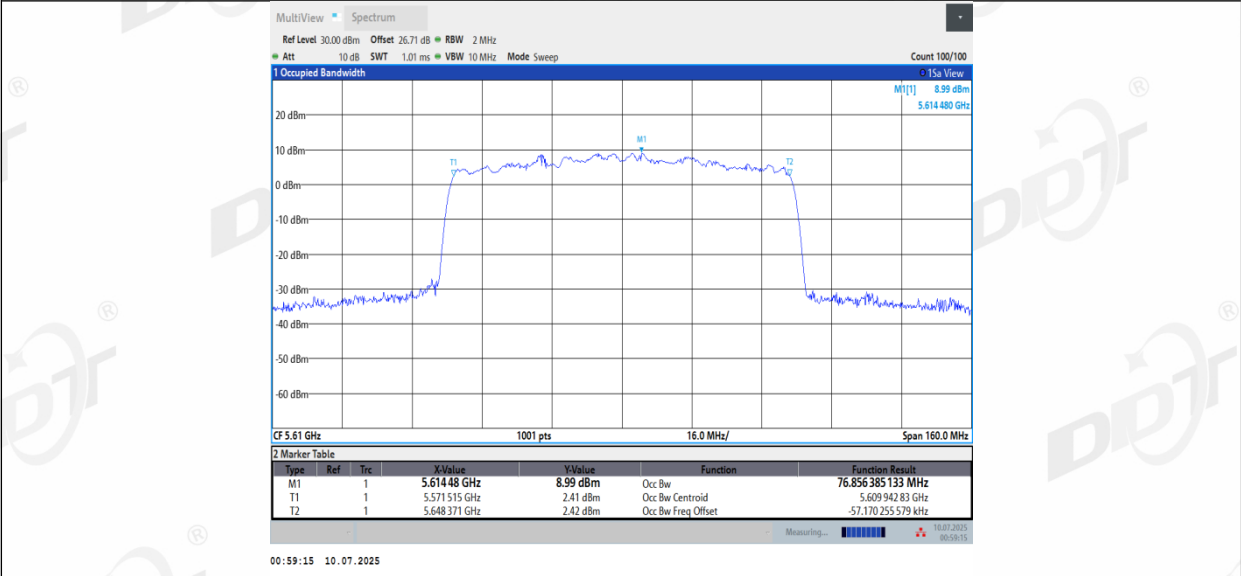
11BE80MIMO\_Ant2\_5530



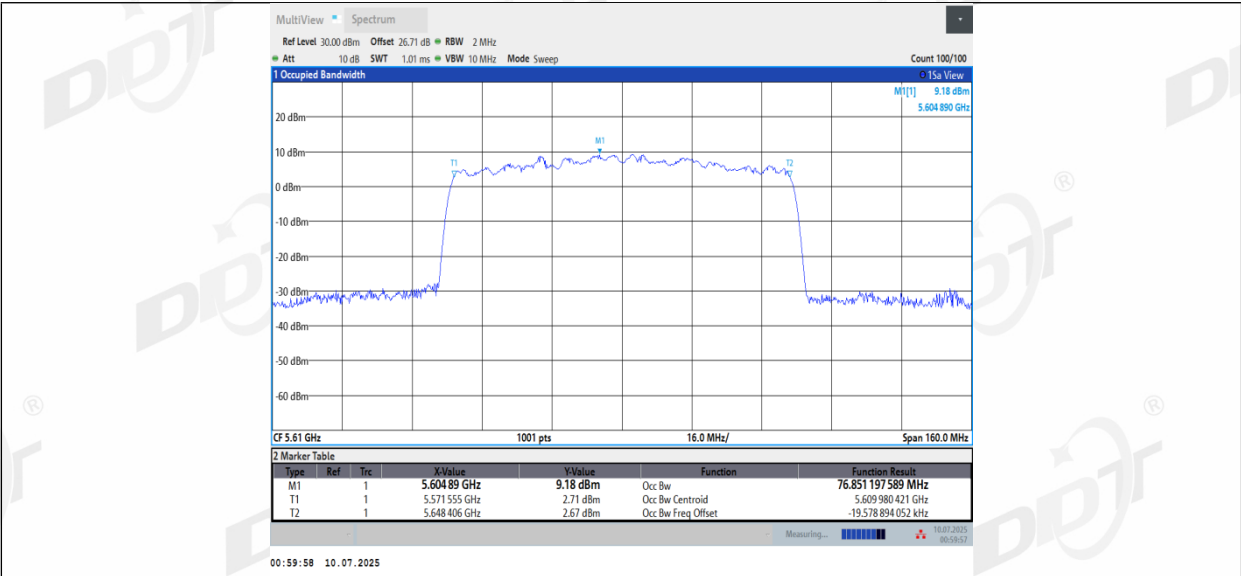
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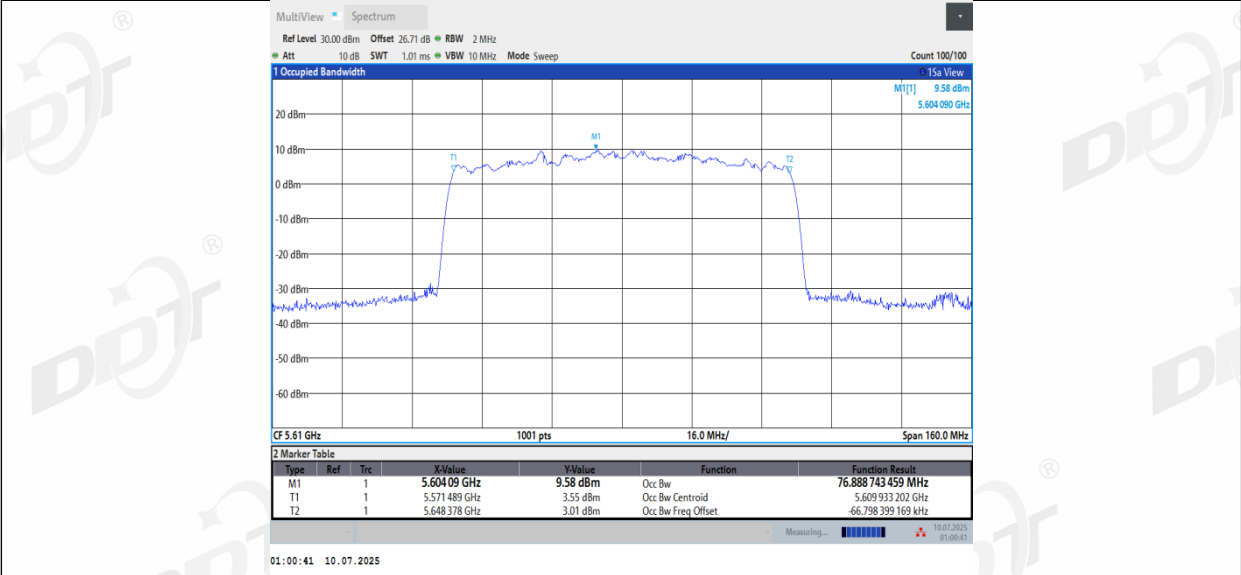
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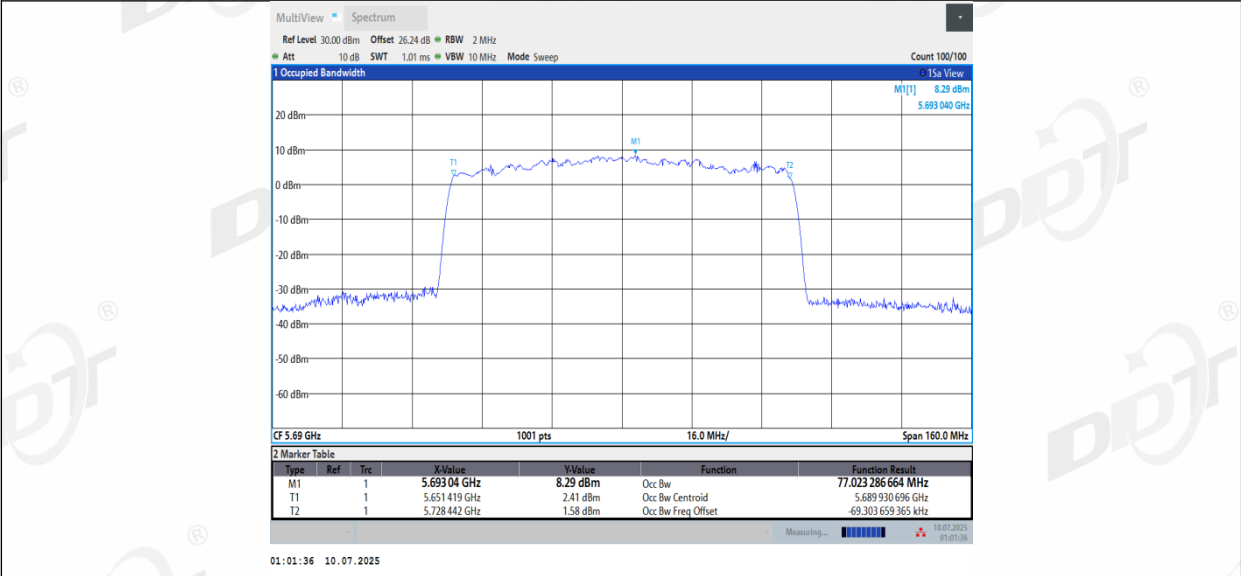
11BE80MIMO\_Ant2\_5610



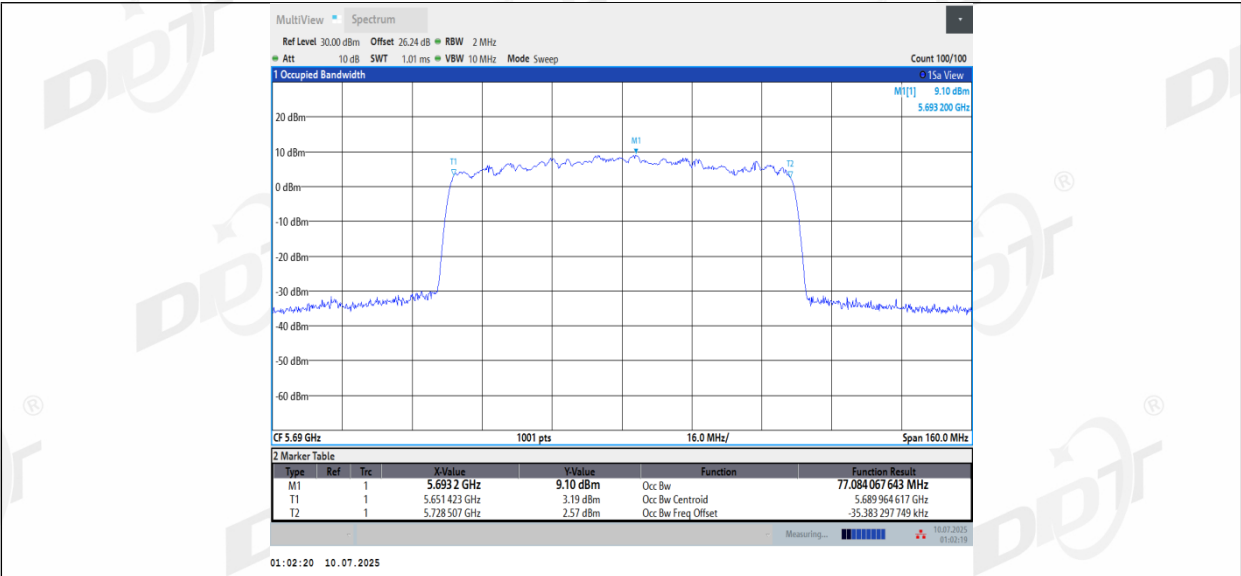
11BE80MIMO\_Ant3\_5610



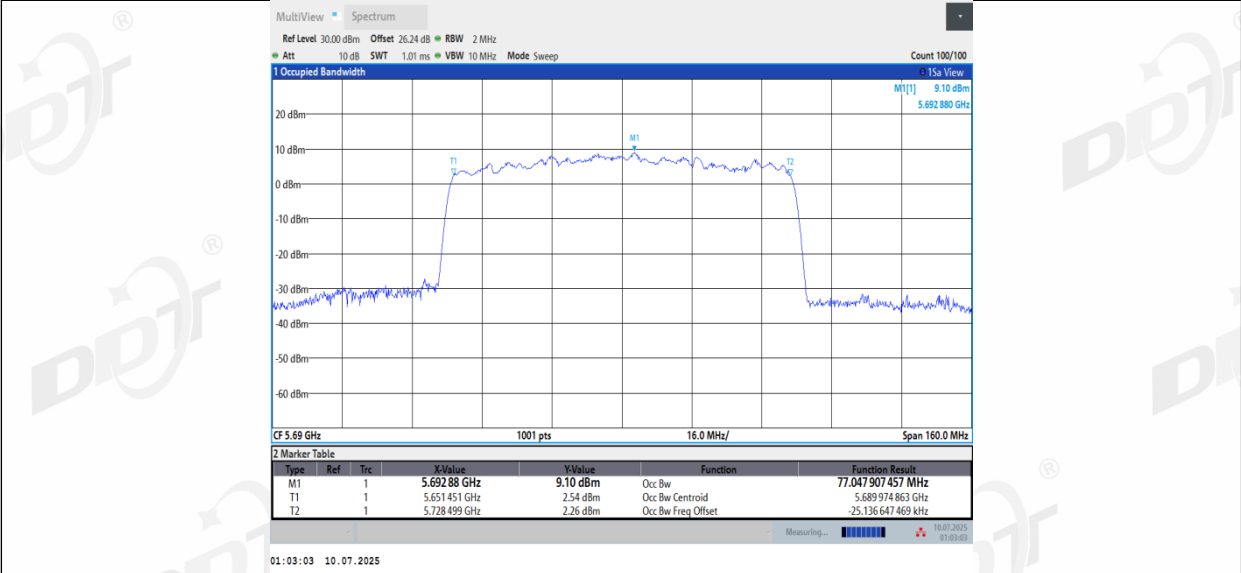
11BE80MIMO\_Ant1\_5690



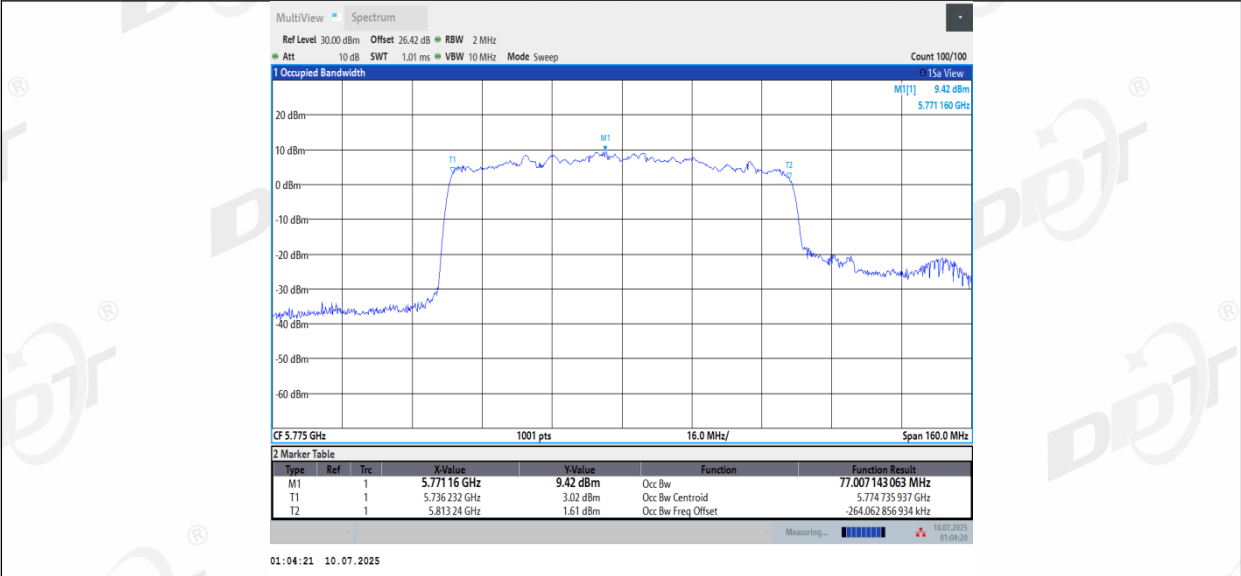
11BE80MIMO\_Ant2\_5690



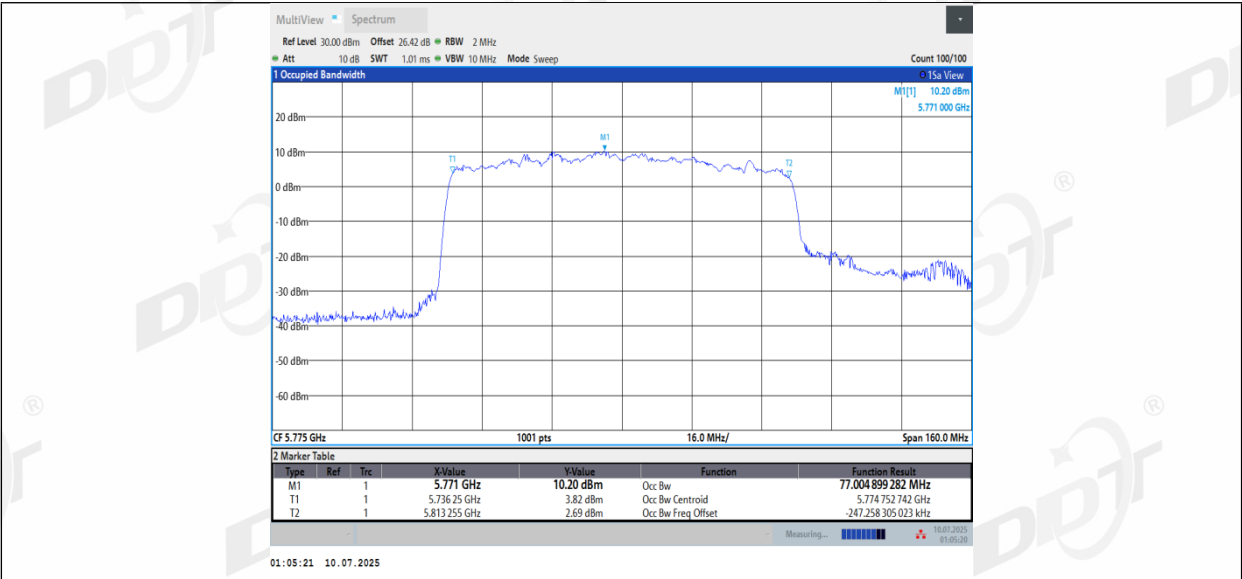
11BE80MIMO\_Ant3\_5690



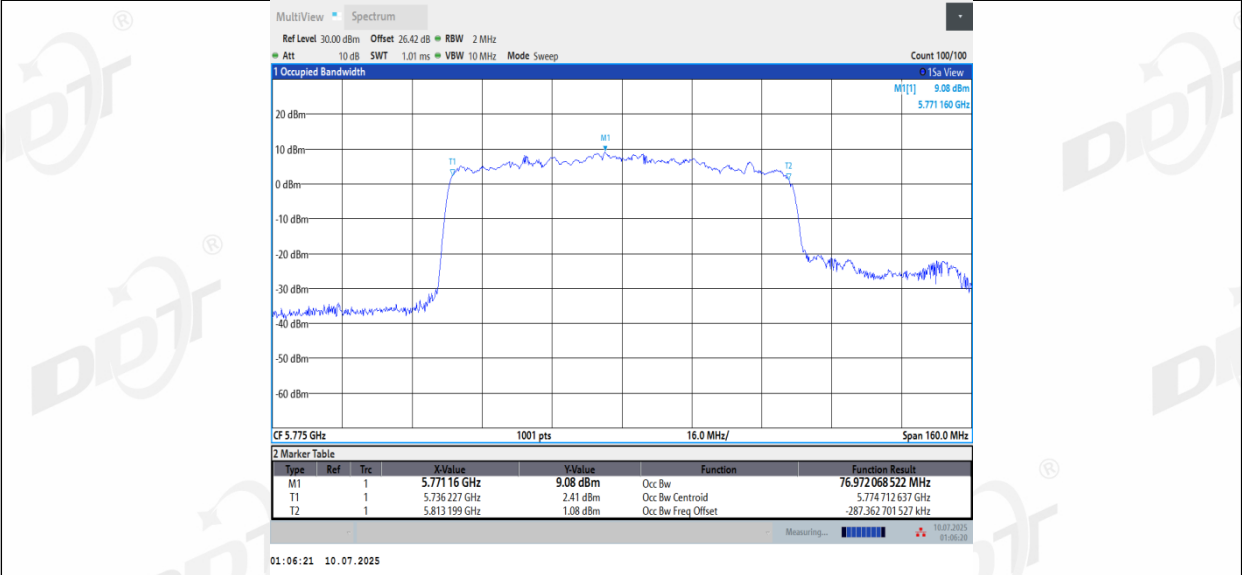
11BE80MIMO\_Ant1\_5775



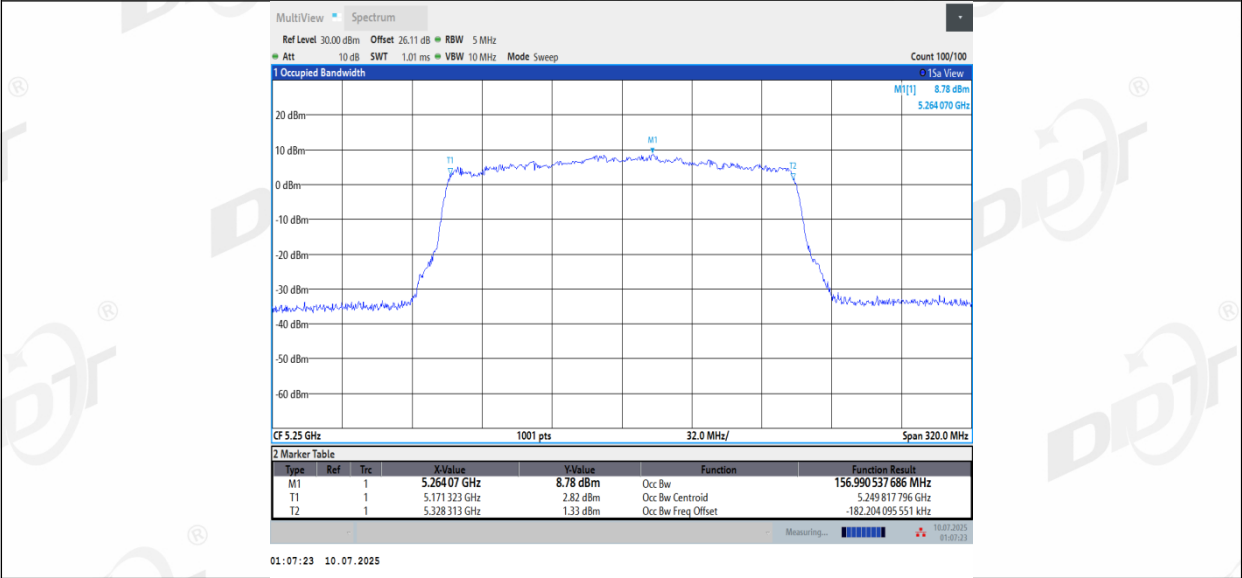
11BE80MIMO\_Ant2\_5775



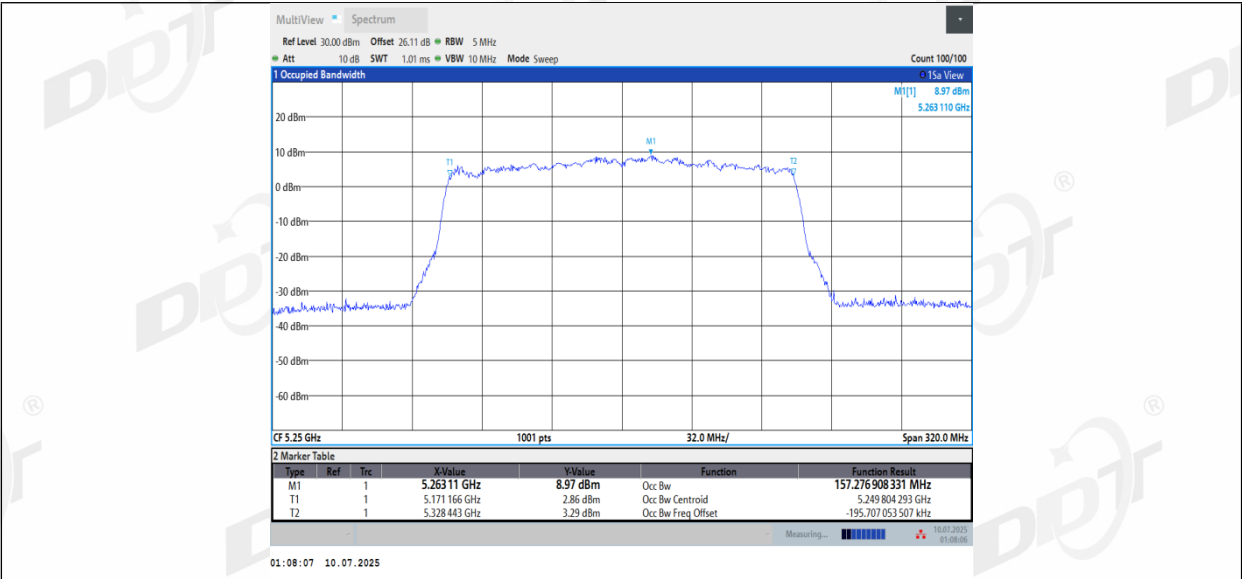
11BE80MIMO\_Ant3\_5775



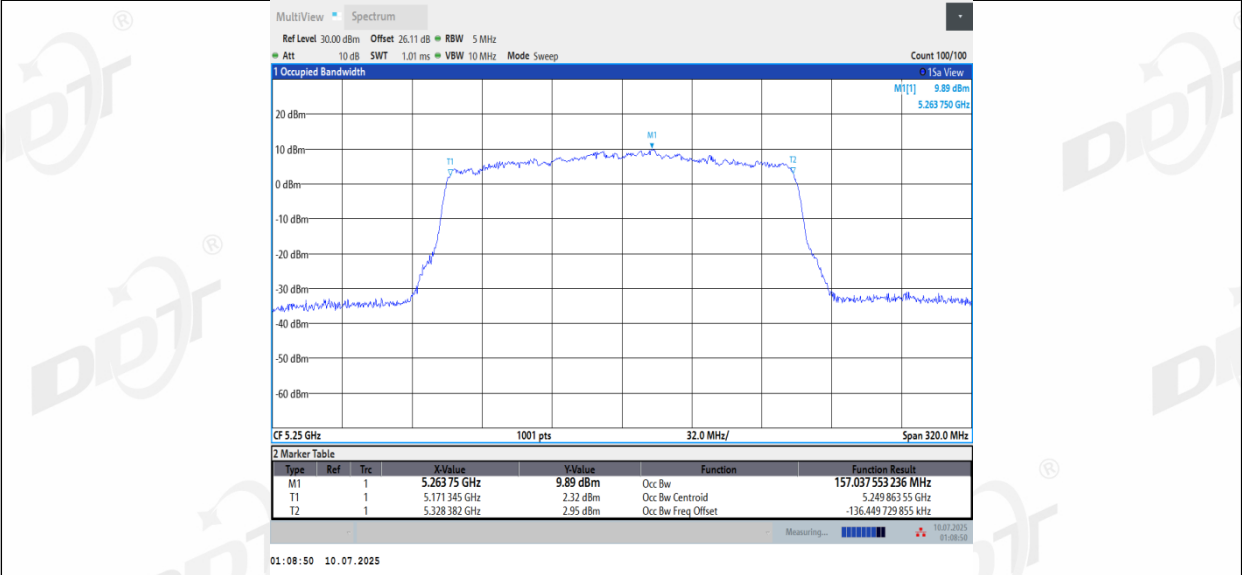
11BE160MIMO\_Ant1\_5250



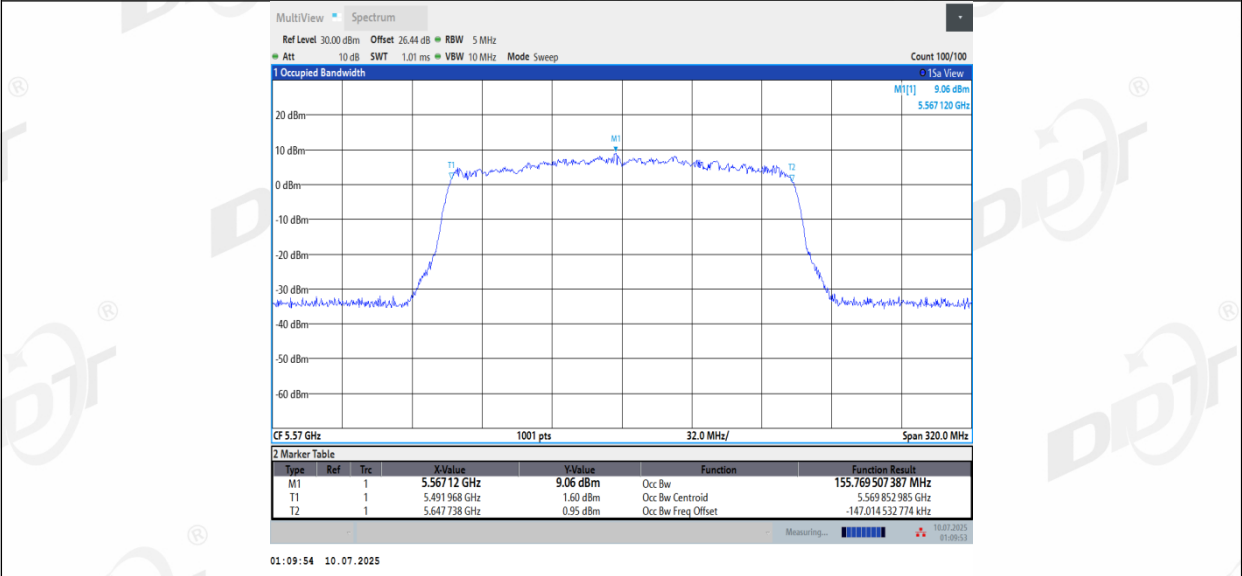
11BE160MIMO\_Ant2\_5250



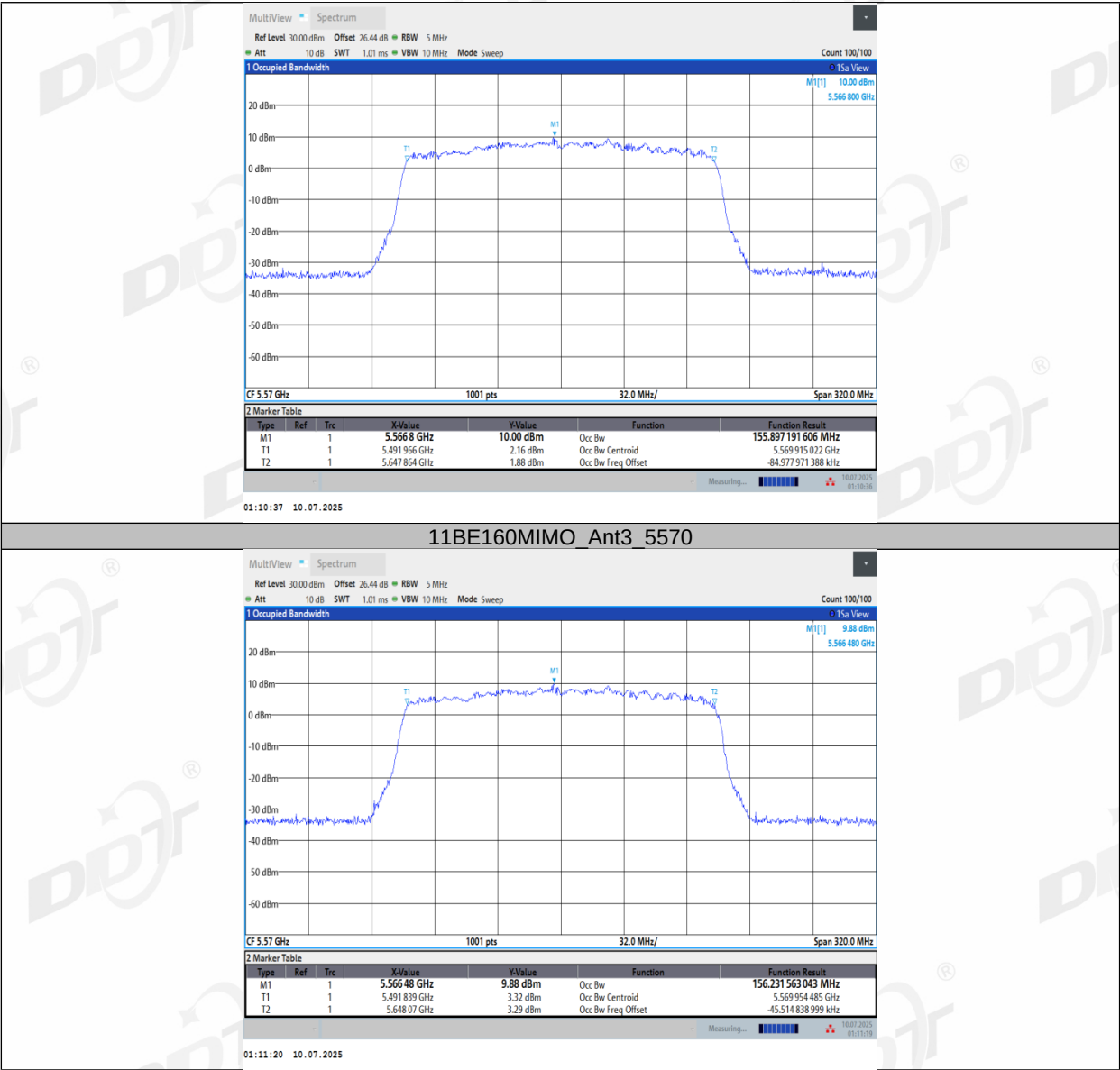
11BE160MIMO\_Ant3\_5250



11BE160MIMO\_Ant1\_5570

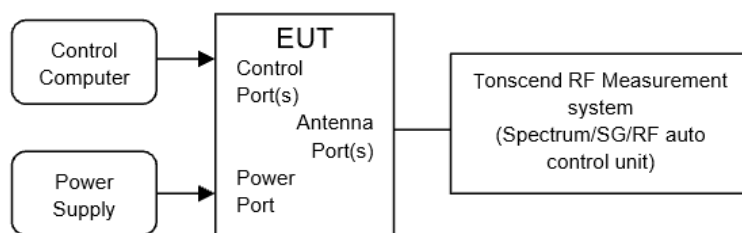


11BE160MIMO\_Ant2\_5570



## 7. Duty Cycle

### 7.1. Block diagram of test setup



### 7.2. Limit

Just for Report.

### 7.3. Test procedure

- (1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, The cable loss and attenuator loss have been put into spectrum analyzer as amplitude offset.  
set the Spectrum Analyzer as below:  
Centre Frequency: The centre frequency of the middle hopping channel.  
Resolution BW: 10 MHz.  
Video BW: 10 MHz.  
Span: Zero span.  
Detector: Peak.  
Trace Mode: Clear Write.  
Sweep: Video Trigger
- (2) When the trace is complete, measure the sending time of 1 burst and the duty cycle of 1 burst cycle.
- (3) Calculate dwell time follow below formula:  
$$\text{Duty cycle} = \text{Pulse's on time} / \text{Burst cycle}$$

## 7.4. Test result

|                    |                |                |                          |
|--------------------|----------------|----------------|--------------------------|
| Test Engineer:     | Haofeng        | Test Site:     | RF Measurement System 4# |
| Ambient Condition: | 24.6°C,43.1%RH | Test Date:     | 2025.07.09 - 2025.08.14  |
| Test Power Supply: | AC120V/60Hz    | Sample Number: | S25062705-003            |

| TestMode  | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|-----------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A-CDD   | Ant1    | 5180           | 1.39                       | 1.45                     | 95.86          |
|           | Ant2    | 5180           | 1.40                       | 1.46                     | 95.89          |
|           | Ant3    | 5180           | 1.39                       | 1.45                     | 95.86          |
|           | Ant1    | 5200           | 1.40                       | 1.46                     | 95.89          |
|           | Ant2    | 5200           | 1.39                       | 1.45                     | 95.86          |
|           | Ant3    | 5200           | 1.40                       | 1.46                     | 95.89          |
|           | Ant1    | 5240           | 1.39                       | 1.45                     | 95.86          |
|           | Ant2    | 5240           | 1.39                       | 1.45                     | 95.86          |
|           | Ant3    | 5240           | 1.39                       | 1.45                     | 95.86          |
|           | Ant1    | 5260           | 1.39                       | 1.45                     | 95.86          |
|           | Ant2    | 5260           | 1.39                       | 1.45                     | 95.86          |
|           | Ant3    | 5260           | 1.39                       | 1.45                     | 95.86          |
|           | Ant1    | 5280           | 1.40                       | 1.46                     | 95.89          |
|           | Ant2    | 5280           | 1.39                       | 1.45                     | 95.86          |
|           | Ant3    | 5280           | 1.39                       | 1.45                     | 95.86          |
|           | Ant1    | 5320           | 1.39                       | 1.45                     | 95.86          |
|           | Ant2    | 5320           | 1.39                       | 1.45                     | 95.86          |
|           | Ant3    | 5320           | 1.39                       | 1.46                     | 95.21          |
|           | Ant1    | 5500           | 1.39                       | 1.45                     | 95.86          |
|           | Ant2    | 5500           | 1.40                       | 1.46                     | 95.89          |
|           | Ant3    | 5500           | 1.39                       | 1.45                     | 95.86          |
|           | Ant1    | 5580           | 1.39                       | 1.45                     | 95.86          |
|           | Ant2    | 5580           | 1.39                       | 1.45                     | 95.86          |
|           | Ant3    | 5580           | 1.39                       | 1.45                     | 95.86          |
|           | Ant1    | 5700           | 1.40                       | 1.46                     | 95.89          |
|           | Ant2    | 5700           | 1.40                       | 1.46                     | 95.89          |
|           | Ant3    | 5700           | 1.40                       | 1.46                     | 95.89          |
|           | Ant1    | 5720           | 1.39                       | 1.45                     | 95.86          |
|           | Ant2    | 5720           | 1.39                       | 1.45                     | 95.86          |
|           | Ant3    | 5720           | 1.39                       | 1.45                     | 95.86          |
|           | Ant1    | 5745           | 1.39                       | 1.45                     | 95.86          |
|           | Ant2    | 5745           | 1.39                       | 1.45                     | 95.86          |
|           | Ant3    | 5745           | 1.39                       | 1.45                     | 95.86          |
|           | Ant1    | 5785           | 1.39                       | 1.45                     | 95.86          |
|           | Ant2    | 5785           | 1.39                       | 1.45                     | 95.86          |
|           | Ant3    | 5785           | 1.39                       | 1.45                     | 95.86          |
|           | Ant1    | 5825           | 1.39                       | 1.45                     | 95.86          |
|           | Ant2    | 5825           | 1.40                       | 1.46                     | 95.89          |
|           | Ant3    | 5825           | 1.40                       | 1.46                     | 95.89          |
| 11N20MIMO | Ant1    | 5180           | 0.47                       | 0.54                     | 87.04          |
|           | Ant2    | 5180           | 0.47                       | 0.53                     | 88.68          |
|           | Ant3    | 5180           | 0.47                       | 0.53                     | 88.68          |
|           | Ant1    | 5200           | 0.47                       | 0.53                     | 88.68          |
|           | Ant2    | 5200           | 0.47                       | 0.54                     | 87.04          |
|           | Ant3    | 5200           | 0.47                       | 0.54                     | 87.04          |
|           | Ant1    | 5240           | 0.47                       | 0.53                     | 88.68          |
|           | Ant2    | 5240           | 0.47                       | 0.54                     | 87.04          |
|           | Ant3    | 5240           | 0.47                       | 0.54                     | 87.04          |
|           | Ant1    | 5260           | 0.47                       | 0.53                     | 88.68          |
|           | Ant2    | 5260           | 0.47                       | 0.53                     | 88.68          |
|           | Ant3    | 5260           | 0.47                       | 0.54                     | 87.04          |
|           | Ant1    | 5280           | 0.47                       | 0.54                     | 87.04          |
|           | Ant2    | 5280           | 0.47                       | 0.53                     | 88.68          |
|           | Ant3    | 5280           | 0.47                       | 0.54                     | 87.04          |

|            |      |      |      |      |       |
|------------|------|------|------|------|-------|
|            | Ant1 | 5320 | 0.47 | 0.53 | 88.68 |
|            | Ant2 | 5320 | 0.47 | 0.54 | 87.04 |
|            | Ant3 | 5320 | 0.47 | 0.53 | 88.68 |
|            | Ant1 | 5500 | 0.47 | 0.54 | 87.04 |
|            | Ant2 | 5500 | 0.47 | 0.53 | 88.68 |
|            | Ant3 | 5500 | 0.47 | 0.53 | 88.68 |
|            | Ant1 | 5580 | 0.47 | 0.54 | 87.04 |
|            | Ant2 | 5580 | 0.47 | 0.54 | 87.04 |
|            | Ant3 | 5580 | 0.47 | 0.53 | 88.68 |
|            | Ant1 | 5700 | 0.47 | 0.54 | 87.04 |
|            | Ant2 | 5700 | 0.47 | 0.54 | 87.04 |
|            | Ant3 | 5700 | 0.47 | 0.54 | 87.04 |
|            | Ant1 | 5720 | 0.47 | 0.54 | 87.04 |
|            | Ant2 | 5720 | 0.47 | 0.54 | 87.04 |
|            | Ant3 | 5720 | 0.47 | 0.54 | 87.04 |
|            | Ant1 | 5745 | 0.47 | 0.54 | 87.04 |
|            | Ant2 | 5745 | 0.47 | 0.53 | 88.68 |
|            | Ant3 | 5745 | 0.47 | 0.53 | 88.68 |
|            | Ant1 | 5785 | 0.47 | 0.53 | 88.68 |
|            | Ant2 | 5785 | 0.47 | 0.53 | 88.68 |
|            | Ant3 | 5785 | 0.47 | 0.54 | 87.04 |
|            | Ant1 | 5825 | 0.47 | 0.54 | 87.04 |
|            | Ant2 | 5825 | 0.47 | 0.54 | 87.04 |
|            | Ant3 | 5825 | 0.46 | 0.54 | 85.19 |
| 11N40MIMO  | Ant1 | 5190 | 0.25 | 0.32 | 78.13 |
|            | Ant2 | 5190 | 0.25 | 0.32 | 78.13 |
|            | Ant3 | 5190 | 0.25 | 0.32 | 78.13 |
|            | Ant1 | 5230 | 0.25 | 0.31 | 80.65 |
|            | Ant2 | 5230 | 0.25 | 0.32 | 78.13 |
|            | Ant3 | 5230 | 0.25 | 0.32 | 78.13 |
|            | Ant1 | 5270 | 0.25 | 0.32 | 78.13 |
|            | Ant2 | 5270 | 0.25 | 0.32 | 78.13 |
|            | Ant3 | 5270 | 0.25 | 0.32 | 78.13 |
|            | Ant1 | 5310 | 0.25 | 0.32 | 78.13 |
|            | Ant2 | 5310 | 0.25 | 0.32 | 78.13 |
|            | Ant3 | 5310 | 0.25 | 0.31 | 80.65 |
|            | Ant1 | 5510 | 0.25 | 0.31 | 80.65 |
|            | Ant2 | 5510 | 0.25 | 0.31 | 80.65 |
|            | Ant3 | 5510 | 0.25 | 0.32 | 78.13 |
|            | Ant1 | 5550 | 0.25 | 0.32 | 78.13 |
|            | Ant2 | 5550 | 0.25 | 0.32 | 78.13 |
|            | Ant3 | 5550 | 0.25 | 0.32 | 78.13 |
|            | Ant1 | 5670 | 0.25 | 0.31 | 80.65 |
|            | Ant2 | 5670 | 0.25 | 0.32 | 78.13 |
|            | Ant3 | 5670 | 0.25 | 0.31 | 80.65 |
|            | Ant1 | 5710 | 0.25 | 0.32 | 78.13 |
|            | Ant2 | 5710 | 0.25 | 0.32 | 78.13 |
|            | Ant3 | 5710 | 0.25 | 0.32 | 78.13 |
|            | Ant1 | 5755 | 0.25 | 0.32 | 78.13 |
|            | Ant2 | 5755 | 0.25 | 0.32 | 78.13 |
|            | Ant3 | 5755 | 0.25 | 0.32 | 78.13 |
|            | Ant1 | 5795 | 0.25 | 0.32 | 78.13 |
|            | Ant2 | 5795 | 0.25 | 0.32 | 78.13 |
|            | Ant3 | 5795 | 0.25 | 0.32 | 78.13 |
| 11AC20MIMO | Ant1 | 5180 | 1.31 | 1.38 | 94.93 |
|            | Ant2 | 5180 | 1.32 | 1.38 | 95.65 |
|            | Ant3 | 5180 | 1.31 | 1.38 | 94.93 |
|            | Ant1 | 5200 | 1.31 | 1.37 | 95.62 |
|            | Ant2 | 5200 | 1.31 | 1.37 | 95.62 |
|            | Ant3 | 5200 | 1.31 | 1.37 | 95.62 |
|            | Ant1 | 5240 | 1.32 | 1.38 | 95.65 |
|            | Ant2 | 5240 | 1.31 | 1.38 | 94.93 |
|            | Ant3 | 5240 | 1.31 | 1.37 | 95.62 |
|            | Ant1 | 5260 | 1.31 | 1.37 | 95.62 |

|            |      |      |      |      |       |
|------------|------|------|------|------|-------|
|            | Ant2 | 5260 | 1.31 | 1.36 | 96.32 |
|            | Ant3 | 5260 | 1.31 | 1.37 | 95.62 |
|            | Ant1 | 5280 | 1.31 | 1.36 | 96.32 |
|            | Ant2 | 5280 | 1.31 | 1.37 | 95.62 |
|            | Ant3 | 5280 | 1.31 | 1.37 | 95.62 |
|            | Ant1 | 5320 | 1.31 | 1.37 | 95.62 |
|            | Ant2 | 5320 | 1.31 | 1.37 | 95.62 |
|            | Ant3 | 5320 | 1.32 | 1.38 | 95.65 |
|            | Ant1 | 5500 | 1.31 | 1.37 | 95.62 |
|            | Ant2 | 5500 | 1.31 | 1.37 | 95.62 |
|            | Ant3 | 5500 | 1.31 | 1.37 | 95.62 |
|            | Ant1 | 5580 | 1.31 | 1.38 | 94.93 |
|            | Ant2 | 5580 | 1.32 | 1.38 | 95.65 |
|            | Ant3 | 5580 | 1.31 | 1.37 | 95.62 |
|            | Ant1 | 5700 | 1.31 | 1.38 | 94.93 |
|            | Ant2 | 5700 | 1.31 | 1.37 | 95.62 |
|            | Ant3 | 5700 | 1.31 | 1.37 | 95.62 |
|            | Ant1 | 5720 | 1.31 | 1.37 | 95.62 |
|            | Ant2 | 5720 | 1.31 | 1.37 | 95.62 |
|            | Ant3 | 5720 | 1.31 | 1.37 | 95.62 |
|            | Ant1 | 5745 | 1.31 | 1.37 | 95.62 |
|            | Ant2 | 5745 | 1.31 | 1.38 | 94.93 |
|            | Ant3 | 5745 | 1.31 | 1.37 | 95.62 |
|            | Ant1 | 5785 | 1.31 | 1.37 | 95.62 |
|            | Ant2 | 5785 | 1.31 | 1.37 | 95.62 |
|            | Ant3 | 5785 | 1.32 | 1.38 | 95.65 |
|            | Ant1 | 5825 | 1.32 | 1.38 | 95.65 |
|            | Ant2 | 5825 | 1.31 | 1.38 | 94.93 |
|            | Ant3 | 5825 | 1.32 | 1.38 | 95.65 |
| 11AC40MIMO | Ant1 | 5190 | 0.65 | 0.71 | 91.55 |
|            | Ant2 | 5190 | 0.65 | 0.72 | 90.28 |
|            | Ant3 | 5190 | 0.65 | 0.72 | 90.28 |
|            | Ant1 | 5230 | 0.65 | 0.71 | 91.55 |
|            | Ant2 | 5230 | 0.65 | 0.71 | 91.55 |
|            | Ant3 | 5230 | 0.65 | 0.71 | 91.55 |
|            | Ant1 | 5270 | 0.65 | 0.71 | 91.55 |
|            | Ant2 | 5270 | 0.65 | 0.71 | 91.55 |
|            | Ant3 | 5270 | 0.65 | 0.72 | 90.28 |
|            | Ant1 | 5310 | 0.65 | 0.71 | 91.55 |
|            | Ant2 | 5310 | 0.65 | 0.71 | 91.55 |
|            | Ant3 | 5310 | 0.65 | 0.71 | 91.55 |
|            | Ant1 | 5510 | 0.65 | 0.71 | 91.55 |
|            | Ant2 | 5510 | 0.65 | 0.72 | 90.28 |
|            | Ant3 | 5510 | 0.65 | 0.71 | 91.55 |
|            | Ant1 | 5550 | 0.65 | 0.71 | 91.55 |
|            | Ant2 | 5550 | 0.65 | 0.72 | 90.28 |
|            | Ant3 | 5550 | 0.65 | 0.71 | 91.55 |
|            | Ant1 | 5670 | 0.65 | 0.71 | 91.55 |
|            | Ant2 | 5670 | 0.65 | 0.72 | 90.28 |
|            | Ant3 | 5670 | 0.65 | 0.72 | 90.28 |
|            | Ant1 | 5710 | 0.65 | 0.72 | 90.28 |
|            | Ant2 | 5710 | 0.65 | 0.71 | 91.55 |
|            | Ant3 | 5710 | 0.65 | 0.72 | 90.28 |
|            | Ant1 | 5755 | 0.65 | 0.71 | 91.55 |
|            | Ant2 | 5755 | 0.65 | 0.72 | 90.28 |
|            | Ant3 | 5755 | 0.65 | 0.71 | 91.55 |
|            | Ant1 | 5795 | 1.27 | 1.33 | 95.49 |
|            | Ant2 | 5795 | 1.26 | 1.33 | 94.74 |
|            | Ant3 | 5795 | 1.26 | 1.32 | 95.45 |
| 11AC80MIMO | Ant1 | 5210 | 0.32 | 0.39 | 82.05 |
|            | Ant2 | 5210 | 0.32 | 0.38 | 84.21 |
|            | Ant3 | 5210 | 0.32 | 0.38 | 84.21 |
|            | Ant1 | 5290 | 0.33 | 0.39 | 84.62 |
|            | Ant2 | 5290 | 0.32 | 0.39 | 82.05 |

|             |      |      |      |      |       |
|-------------|------|------|------|------|-------|
|             | Ant3 | 5290 | 0.32 | 0.38 | 84.21 |
|             | Ant1 | 5530 | 0.32 | 0.38 | 84.21 |
|             | Ant2 | 5530 | 0.32 | 0.38 | 84.21 |
|             | Ant3 | 5530 | 0.32 | 0.38 | 84.21 |
|             | Ant1 | 5610 | 0.32 | 0.38 | 84.21 |
|             | Ant2 | 5610 | 0.32 | 0.39 | 82.05 |
|             | Ant3 | 5610 | 0.32 | 0.38 | 84.21 |
|             | Ant1 | 5690 | 0.32 | 0.38 | 84.21 |
|             | Ant2 | 5690 | 0.32 | 0.38 | 84.21 |
|             | Ant3 | 5690 | 0.32 | 0.38 | 84.21 |
|             | Ant1 | 5775 | 0.32 | 0.38 | 84.21 |
|             | Ant2 | 5775 | 0.32 | 0.38 | 84.21 |
|             | Ant3 | 5775 | 0.32 | 0.39 | 82.05 |
| 11AC160MIMO | Ant1 | 5250 | 0.18 | 0.25 | 72.00 |
|             | Ant2 | 5250 | 0.18 | 0.25 | 72.00 |
|             | Ant3 | 5250 | 0.18 | 0.25 | 72.00 |
|             | Ant1 | 5570 | 0.18 | 0.25 | 72.00 |
|             | Ant2 | 5570 | 0.18 | 0.25 | 72.00 |
|             | Ant3 | 5570 | 0.18 | 0.25 | 72.00 |
| 11AX20MIMO  | Ant1 | 5180 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5180 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5180 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5200 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5200 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5200 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5240 | 0.31 | 0.37 | 83.78 |
|             | Ant2 | 5240 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5240 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5260 | 0.31 | 0.37 | 83.78 |
|             | Ant2 | 5260 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5260 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5280 | 0.31 | 0.37 | 83.78 |
|             | Ant2 | 5280 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5280 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5320 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5320 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5320 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5500 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5500 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5500 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5580 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5580 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5580 | 0.31 | 0.37 | 83.78 |
|             | Ant1 | 5700 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5700 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5700 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5720 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5720 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5720 | 0.31 | 0.37 | 83.78 |
|             | Ant1 | 5745 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5745 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5745 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5785 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5785 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5785 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5825 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5825 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5825 | 0.31 | 0.38 | 81.58 |
| 11AX40MIMO  | Ant1 | 5190 | 0.31 | 0.37 | 83.78 |
|             | Ant2 | 5190 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5190 | 0.31 | 0.37 | 83.78 |
|             | Ant1 | 5230 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5230 | 0.30 | 0.38 | 78.95 |
|             | Ant3 | 5230 | 0.31 | 0.38 | 81.58 |

|             |      |      |      |      |       |
|-------------|------|------|------|------|-------|
|             | Ant1 | 5270 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5270 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5270 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5310 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5310 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5310 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5510 | 0.31 | 0.37 | 83.78 |
|             | Ant2 | 5510 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5510 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5550 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5550 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5550 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5670 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5670 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5670 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5710 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5710 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5710 | 0.31 | 0.37 | 83.78 |
|             | Ant1 | 5755 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5755 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5755 | 0.31 | 0.37 | 83.78 |
|             | Ant1 | 5795 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5795 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5795 | 0.31 | 0.38 | 81.58 |
| 11AX80MIMO  | Ant1 | 5210 | 0.29 | 0.36 | 80.56 |
|             | Ant2 | 5210 | 0.29 | 0.36 | 80.56 |
|             | Ant3 | 5210 | 0.29 | 0.36 | 80.56 |
|             | Ant1 | 5290 | 0.29 | 0.36 | 80.56 |
|             | Ant2 | 5290 | 0.29 | 0.36 | 80.56 |
|             | Ant3 | 5290 | 0.29 | 0.36 | 80.56 |
|             | Ant1 | 5530 | 0.29 | 0.36 | 80.56 |
|             | Ant2 | 5530 | 0.29 | 0.36 | 80.56 |
|             | Ant3 | 5530 | 0.29 | 0.36 | 80.56 |
|             | Ant1 | 5610 | 0.29 | 0.35 | 82.86 |
|             | Ant2 | 5610 | 0.29 | 0.35 | 82.86 |
|             | Ant3 | 5610 | 0.29 | 0.36 | 80.56 |
|             | Ant1 | 5690 | 0.29 | 0.36 | 80.56 |
|             | Ant2 | 5690 | 0.29 | 0.36 | 80.56 |
|             | Ant3 | 5690 | 0.29 | 0.36 | 80.56 |
|             | Ant1 | 5775 | 0.29 | 0.36 | 80.56 |
|             | Ant2 | 5775 | 0.29 | 0.35 | 82.86 |
|             | Ant3 | 5775 | 0.29 | 0.36 | 80.56 |
| 11AX160MIMO | Ant1 | 5250 | 0.29 | 0.35 | 82.86 |
|             | Ant2 | 5250 | 0.29 | 0.36 | 80.56 |
|             | Ant3 | 5250 | 0.29 | 0.36 | 80.56 |
|             | Ant1 | 5570 | 0.29 | 0.36 | 80.56 |
|             | Ant2 | 5570 | 0.29 | 0.35 | 82.86 |
|             | Ant3 | 5570 | 0.29 | 0.36 | 80.56 |
| 11BE20MIMO  | Ant1 | 5180 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5180 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5180 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5200 | 0.32 | 0.39 | 82.05 |
|             | Ant2 | 5200 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5200 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5240 | 0.31 | 0.37 | 83.78 |
|             | Ant2 | 5240 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5240 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5260 | 0.31 | 0.37 | 83.78 |
|             | Ant2 | 5260 | 0.31 | 0.38 | 81.58 |
|             | Ant3 | 5260 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5280 | 0.31 | 0.38 | 81.58 |
|             | Ant2 | 5280 | 0.31 | 0.37 | 83.78 |
|             | Ant3 | 5280 | 0.31 | 0.38 | 81.58 |
|             | Ant1 | 5320 | 0.31 | 0.37 | 83.78 |

|            |      |      |      |      |       |
|------------|------|------|------|------|-------|
|            | Ant2 | 5320 | 0.31 | 0.38 | 81.58 |
|            | Ant3 | 5320 | 0.31 | 0.38 | 81.58 |
|            | Ant1 | 5500 | 0.31 | 0.38 | 81.58 |
|            | Ant2 | 5500 | 0.31 | 0.38 | 81.58 |
|            | Ant3 | 5500 | 0.31 | 0.37 | 83.78 |
|            | Ant1 | 5580 | 0.31 | 0.37 | 83.78 |
|            | Ant2 | 5580 | 0.31 | 0.37 | 83.78 |
|            | Ant3 | 5580 | 0.31 | 0.37 | 83.78 |
|            | Ant1 | 5700 | 0.31 | 0.38 | 81.58 |
|            | Ant2 | 5700 | 0.31 | 0.38 | 81.58 |
|            | Ant3 | 5700 | 0.31 | 0.37 | 83.78 |
|            | Ant1 | 5720 | 0.31 | 0.38 | 81.58 |
|            | Ant2 | 5720 | 0.31 | 0.37 | 83.78 |
|            | Ant3 | 5720 | 0.31 | 0.38 | 81.58 |
|            | Ant1 | 5745 | 0.31 | 0.38 | 81.58 |
|            | Ant2 | 5745 | 0.31 | 0.37 | 83.78 |
|            | Ant3 | 5745 | 0.31 | 0.37 | 83.78 |
|            | Ant1 | 5785 | 0.31 | 0.38 | 81.58 |
|            | Ant2 | 5785 | 0.31 | 0.38 | 81.58 |
|            | Ant3 | 5785 | 0.31 | 0.38 | 81.58 |
|            | Ant1 | 5825 | 0.31 | 0.38 | 81.58 |
|            | Ant2 | 5825 | 0.31 | 0.38 | 81.58 |
|            | Ant3 | 5825 | 0.31 | 0.38 | 81.58 |
| 11BE40MIMO | Ant1 | 5190 | 0.31 | 0.37 | 83.78 |
|            | Ant2 | 5190 | 0.31 | 0.37 | 83.78 |
|            | Ant3 | 5190 | 0.31 | 0.38 | 81.58 |
|            | Ant1 | 5230 | 0.31 | 0.37 | 83.78 |
|            | Ant2 | 5230 | 0.31 | 0.37 | 83.78 |
|            | Ant3 | 5230 | 0.31 | 0.38 | 81.58 |
|            | Ant1 | 5270 | 0.31 | 0.38 | 81.58 |
|            | Ant2 | 5270 | 0.31 | 0.38 | 81.58 |
|            | Ant3 | 5270 | 0.31 | 0.38 | 81.58 |
|            | Ant1 | 5310 | 0.31 | 0.37 | 83.78 |
|            | Ant2 | 5310 | 0.31 | 0.37 | 83.78 |
|            | Ant3 | 5310 | 0.31 | 0.38 | 81.58 |
|            | Ant1 | 5510 | 0.31 | 0.38 | 81.58 |
|            | Ant2 | 5510 | 0.31 | 0.37 | 83.78 |
|            | Ant3 | 5510 | 0.31 | 0.38 | 81.58 |
|            | Ant1 | 5550 | 0.31 | 0.37 | 83.78 |
|            | Ant2 | 5550 | 0.31 | 0.38 | 81.58 |
|            | Ant3 | 5550 | 0.31 | 0.38 | 81.58 |
|            | Ant1 | 5670 | 0.31 | 0.37 | 83.78 |
|            | Ant2 | 5670 | 0.31 | 0.38 | 81.58 |
|            | Ant3 | 5670 | 0.31 | 0.38 | 81.58 |
|            | Ant1 | 5710 | 0.32 | 0.39 | 82.05 |
|            | Ant2 | 5710 | 0.31 | 0.37 | 83.78 |
|            | Ant3 | 5710 | 0.31 | 0.37 | 83.78 |
|            | Ant1 | 5755 | 0.31 | 0.38 | 81.58 |
|            | Ant2 | 5755 | 0.31 | 0.37 | 83.78 |
|            | Ant3 | 5755 | 0.31 | 0.37 | 83.78 |
|            | Ant1 | 5795 | 0.31 | 0.38 | 81.58 |
|            | Ant2 | 5795 | 0.31 | 0.38 | 81.58 |
|            | Ant3 | 5795 | 0.31 | 0.38 | 81.58 |
| 11BE80MIMO | Ant1 | 5210 | 0.30 | 0.37 | 81.08 |
|            | Ant2 | 5210 | 0.30 | 0.37 | 81.08 |
|            | Ant3 | 5210 | 0.30 | 0.37 | 81.08 |
|            | Ant1 | 5290 | 0.30 | 0.37 | 81.08 |
|            | Ant2 | 5290 | 0.30 | 0.36 | 83.33 |
|            | Ant3 | 5290 | 0.30 | 0.36 | 83.33 |
|            | Ant1 | 5530 | 0.30 | 0.37 | 81.08 |
|            | Ant2 | 5530 | 0.30 | 0.37 | 81.08 |
|            | Ant3 | 5530 | 0.30 | 0.37 | 81.08 |
|            | Ant1 | 5610 | 0.30 | 0.36 | 83.33 |
|            | Ant2 | 5610 | 0.30 | 0.37 | 81.08 |

|             |      |      |      |      |       |
|-------------|------|------|------|------|-------|
|             | Ant3 | 5610 | 0.30 | 0.37 | 81.08 |
|             | Ant1 | 5690 | 0.30 | 0.37 | 81.08 |
|             | Ant2 | 5690 | 0.30 | 0.37 | 81.08 |
|             | Ant3 | 5690 | 0.30 | 0.37 | 81.08 |
|             | Ant1 | 5775 | 0.30 | 0.36 | 83.33 |
|             | Ant2 | 5775 | 0.30 | 0.37 | 81.08 |
|             | Ant3 | 5775 | 0.30 | 0.37 | 81.08 |
| 11BE160MIMO | Ant1 | 5250 | 0.30 | 0.37 | 81.08 |
|             | Ant2 | 5250 | 0.30 | 0.37 | 81.08 |
|             | Ant3 | 5250 | 0.30 | 0.37 | 81.08 |
|             | Ant1 | 5570 | 0.30 | 0.37 | 81.08 |
|             | Ant2 | 5570 | 0.30 | 0.37 | 81.08 |
|             | Ant3 | 5570 | 0.30 | 0.37 | 81.08 |

7.5. Test graphs



