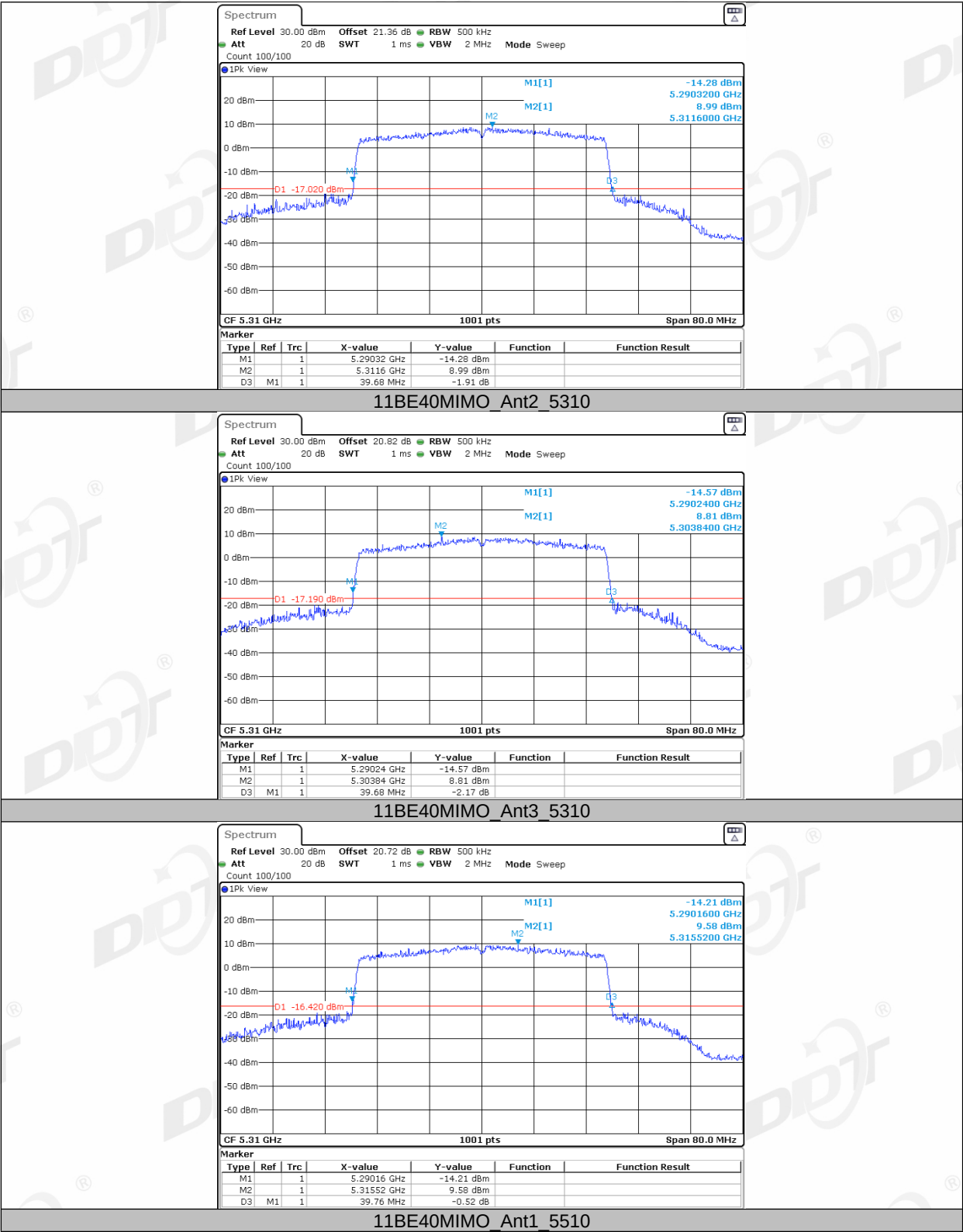
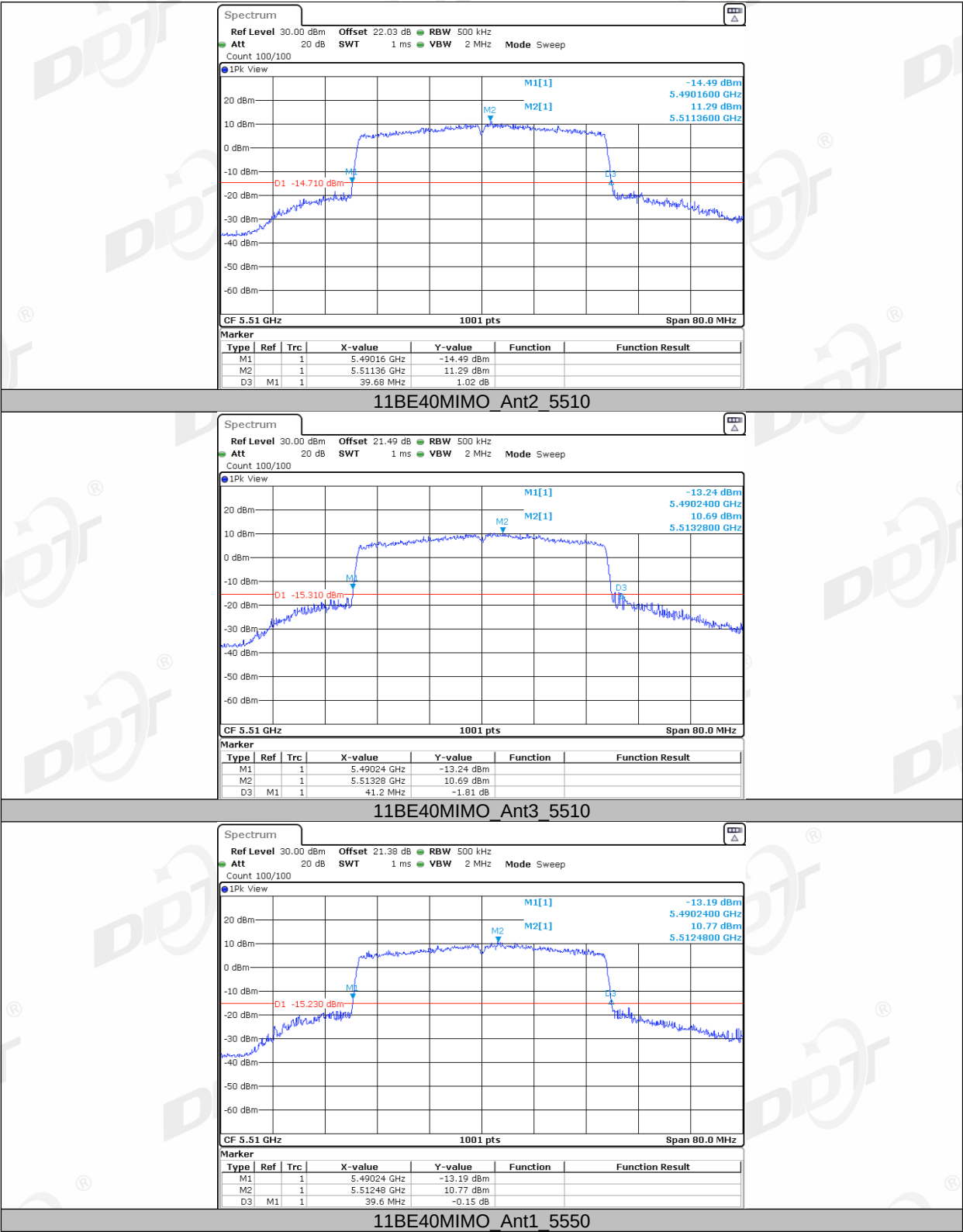
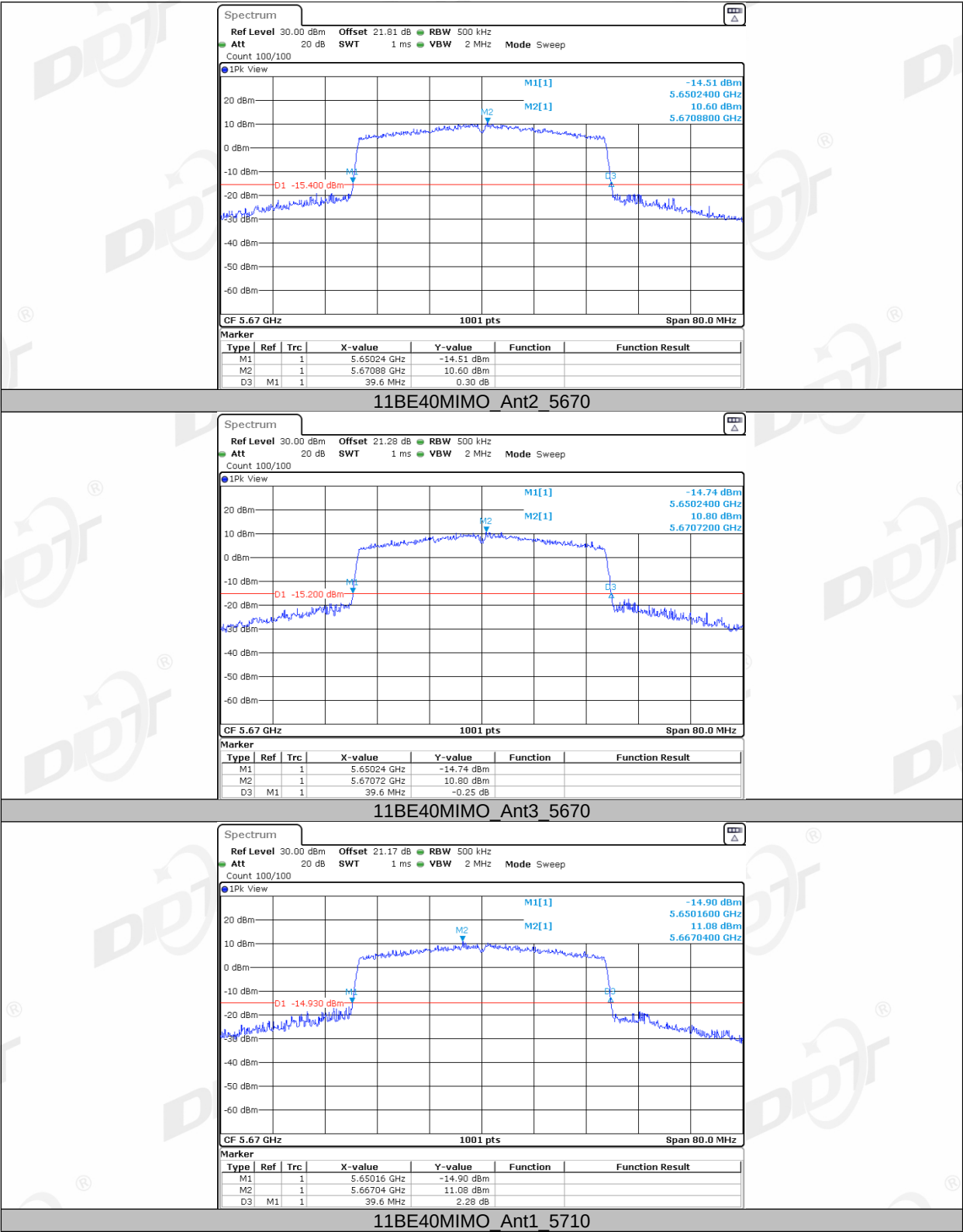
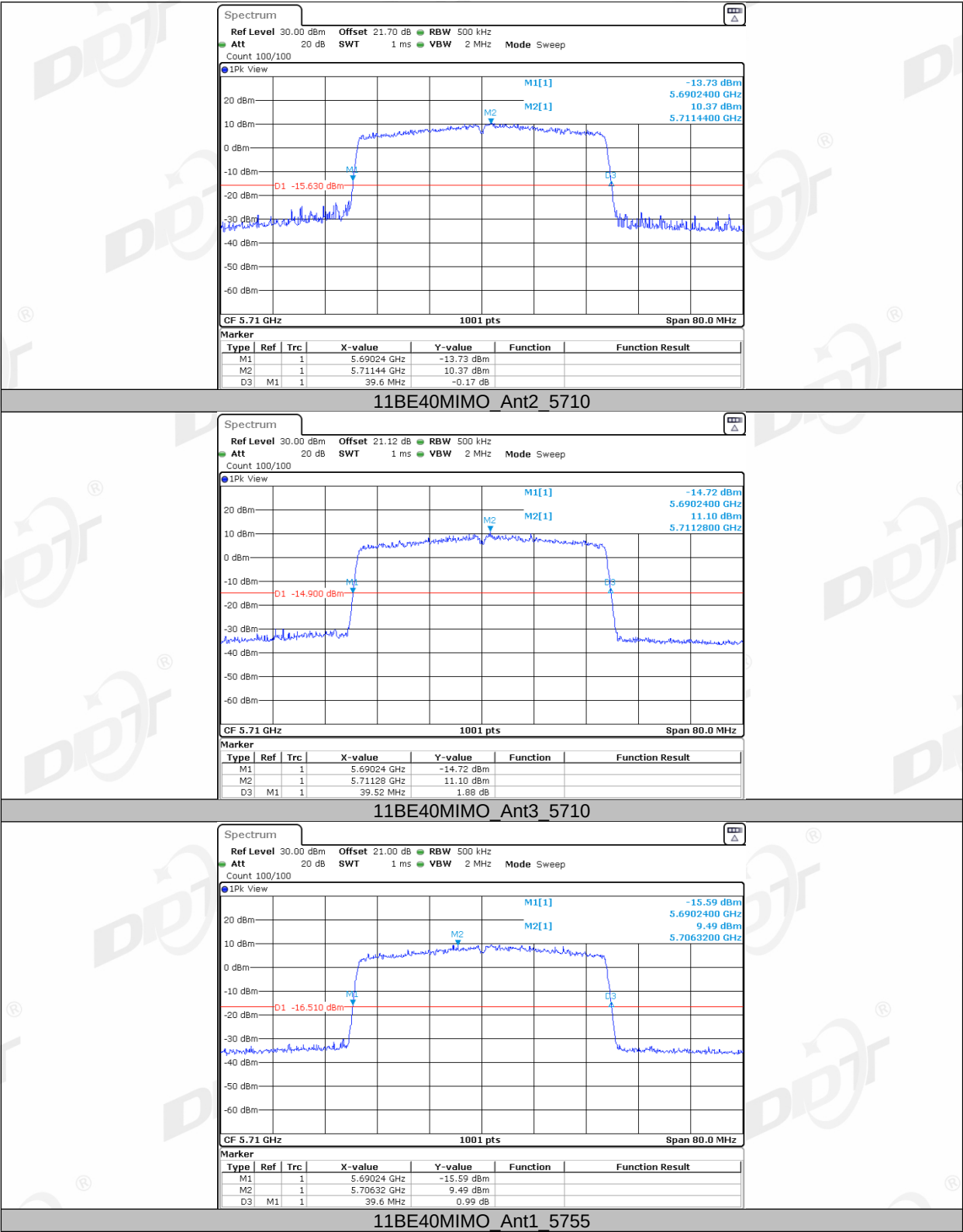


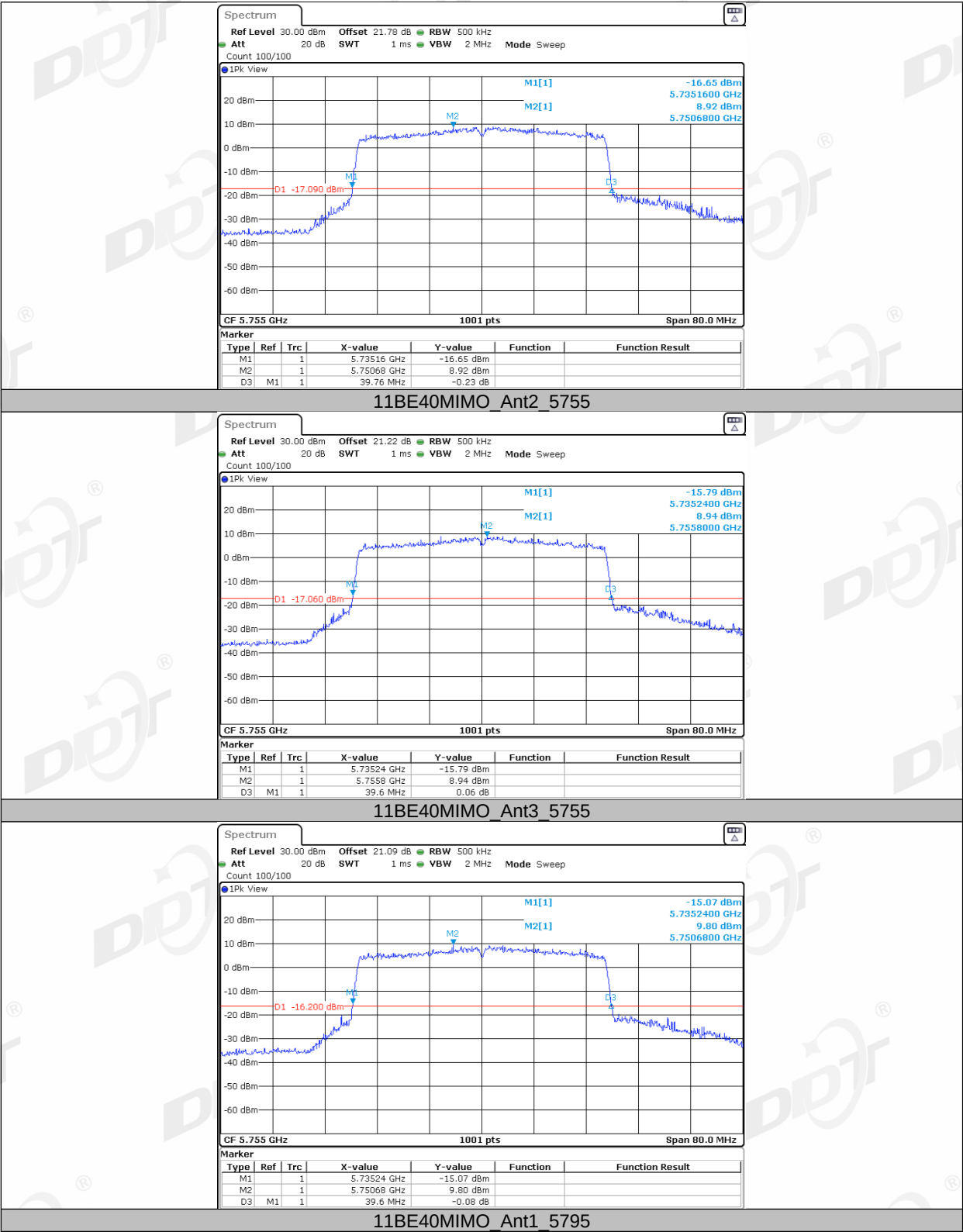


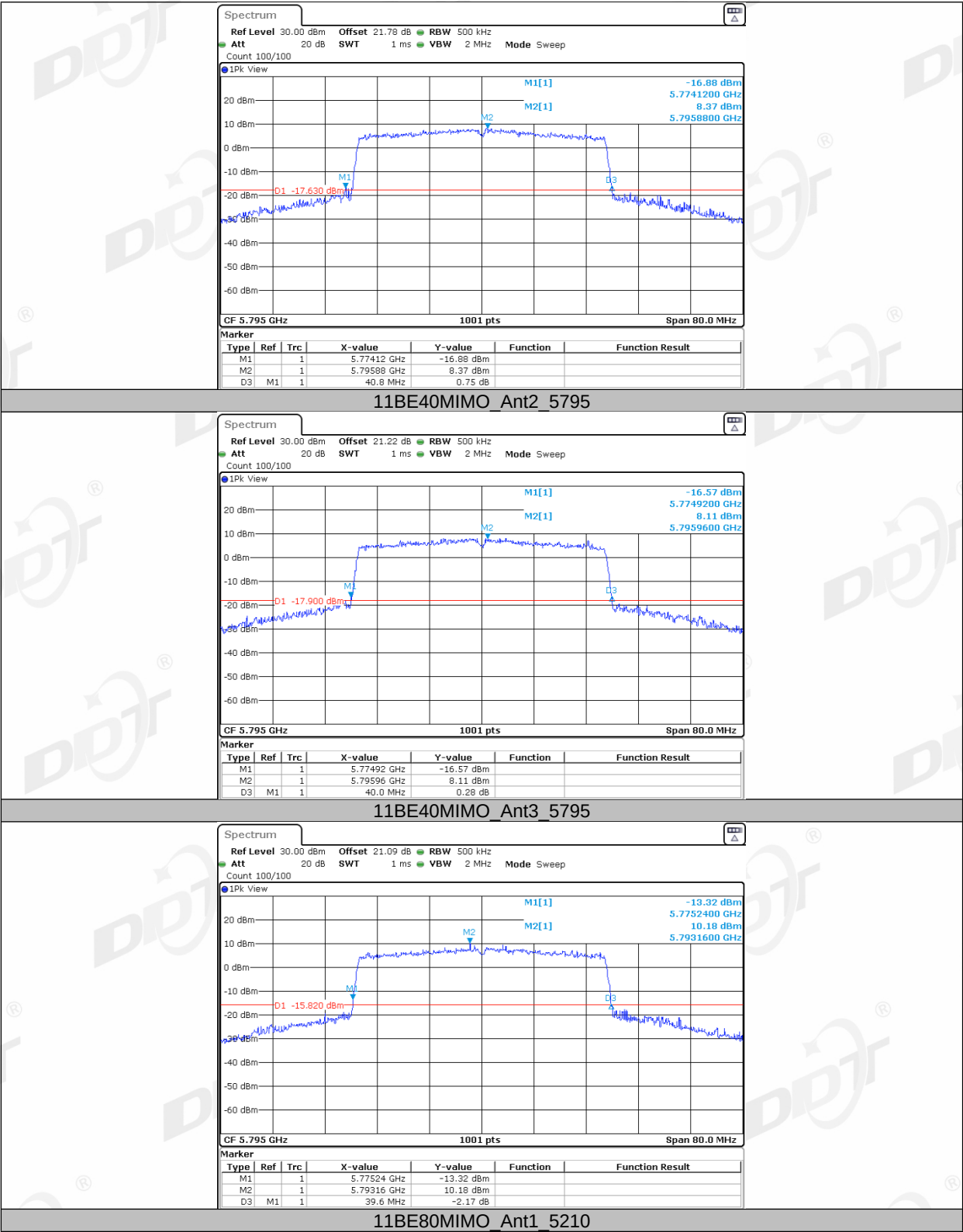


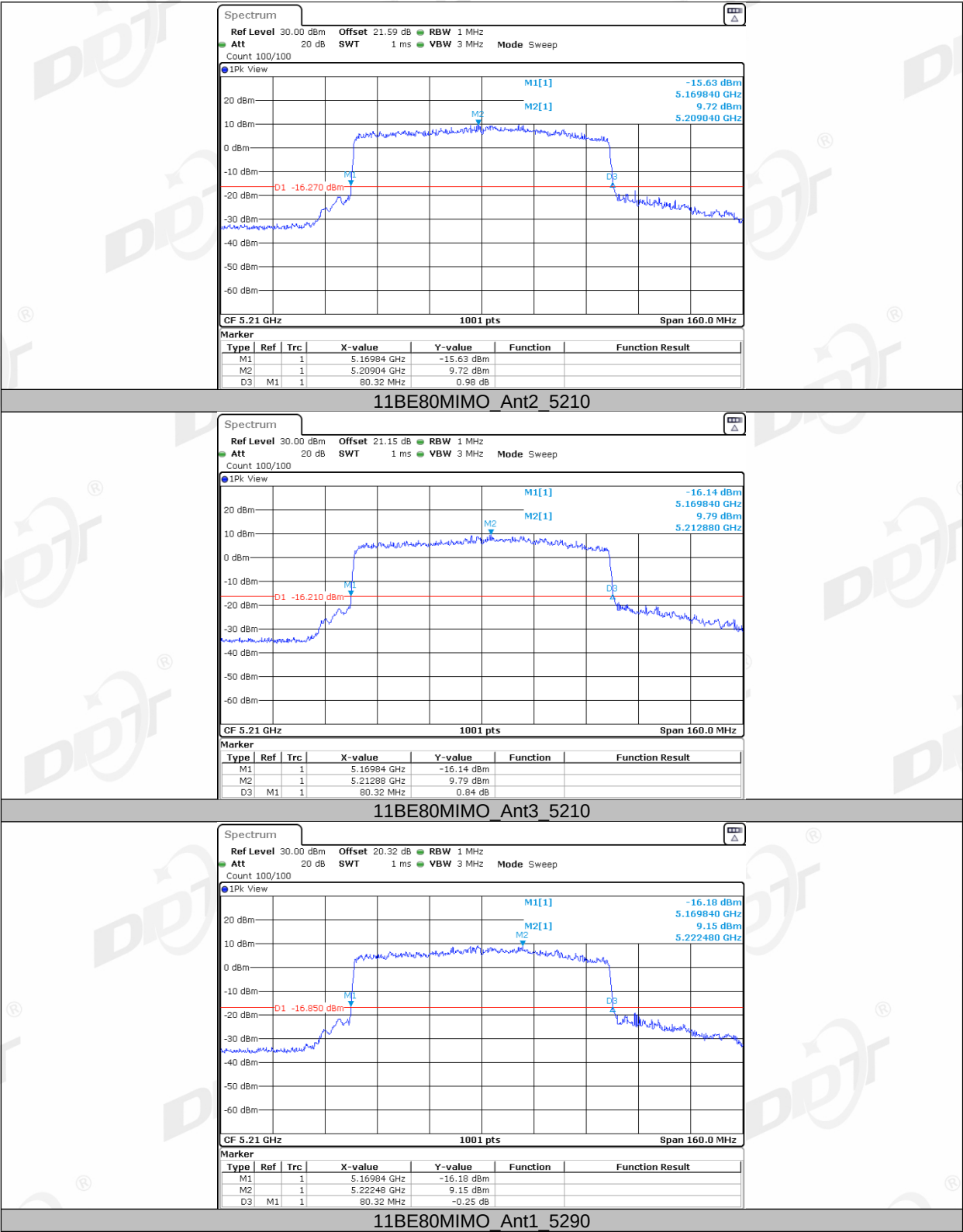


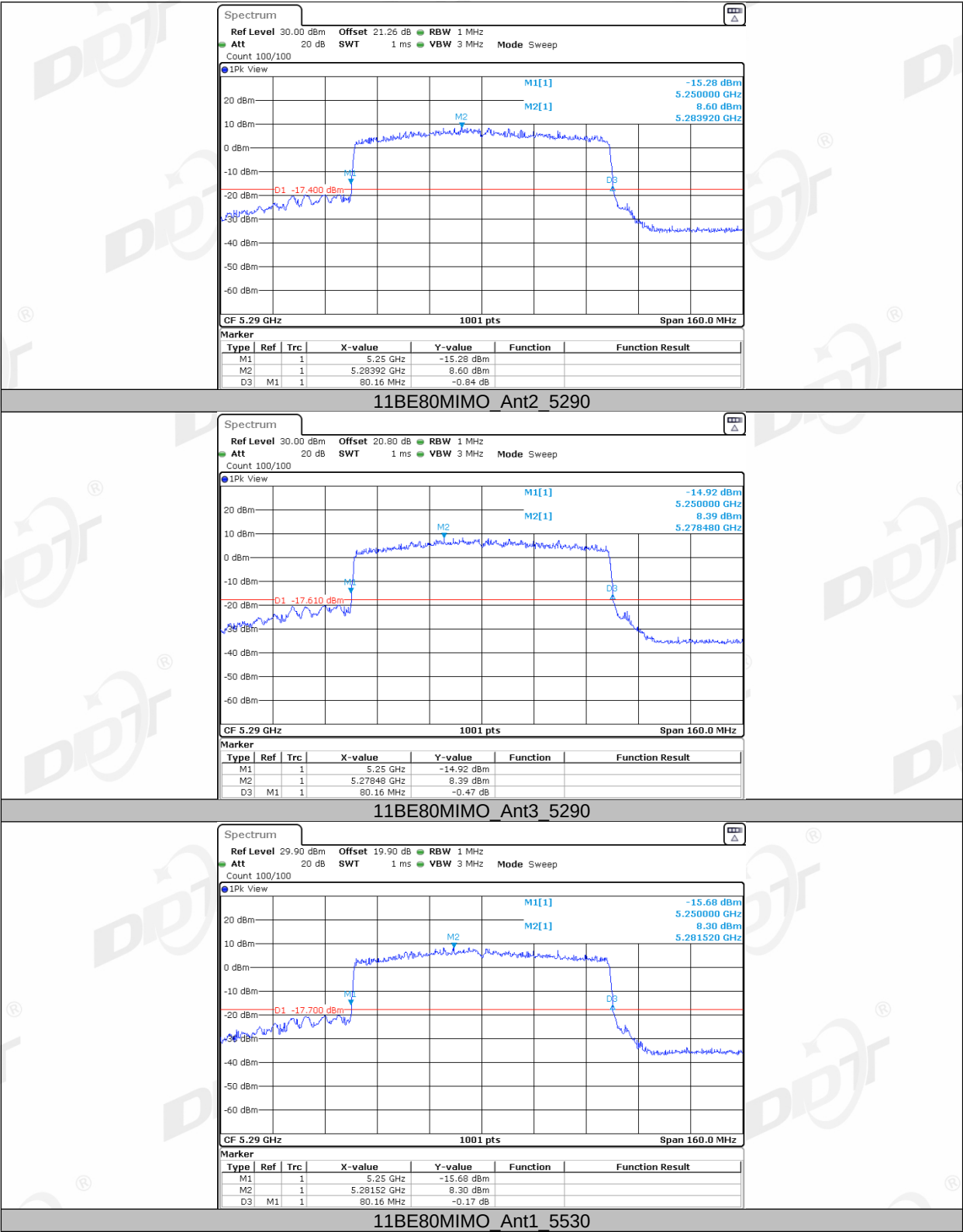


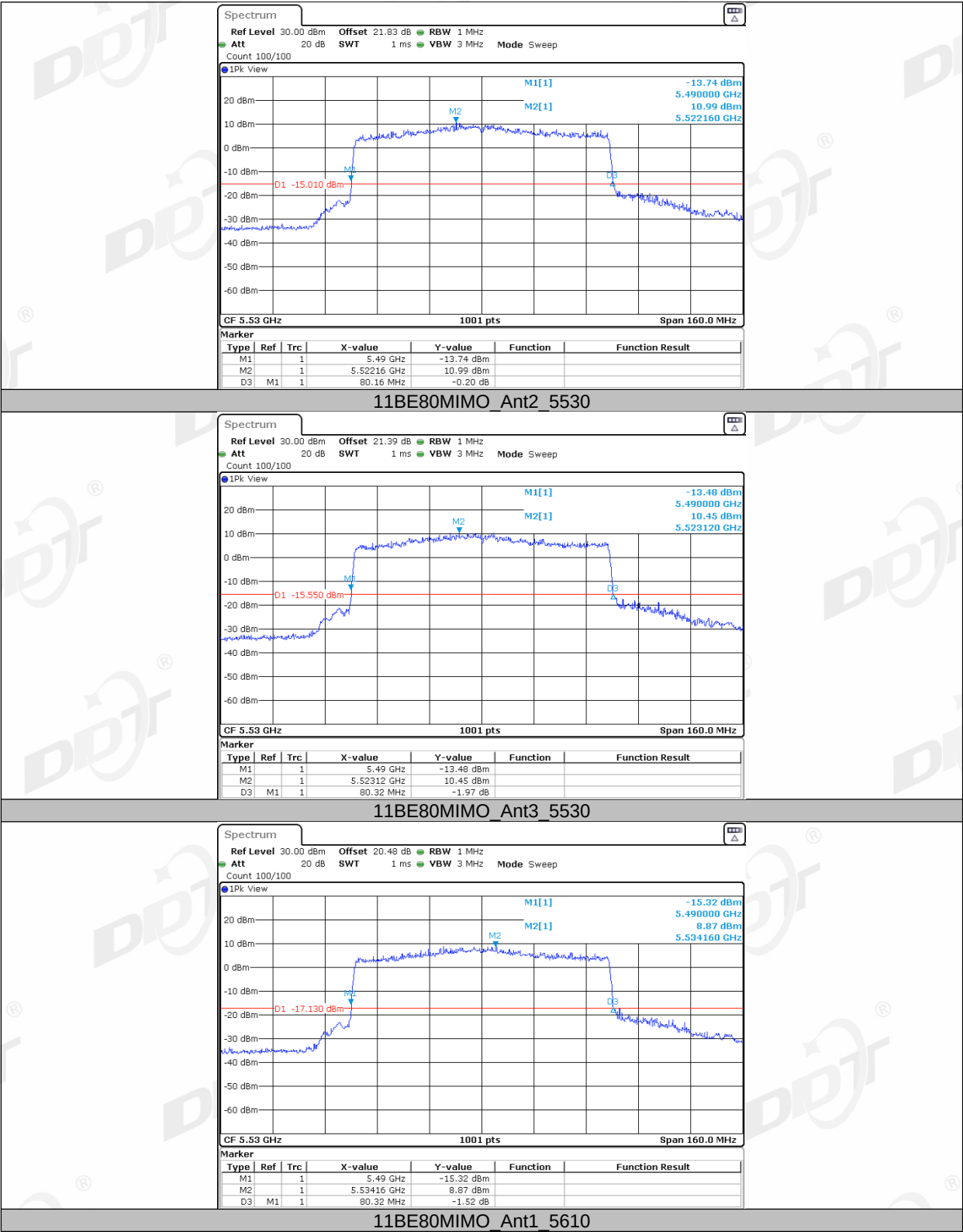






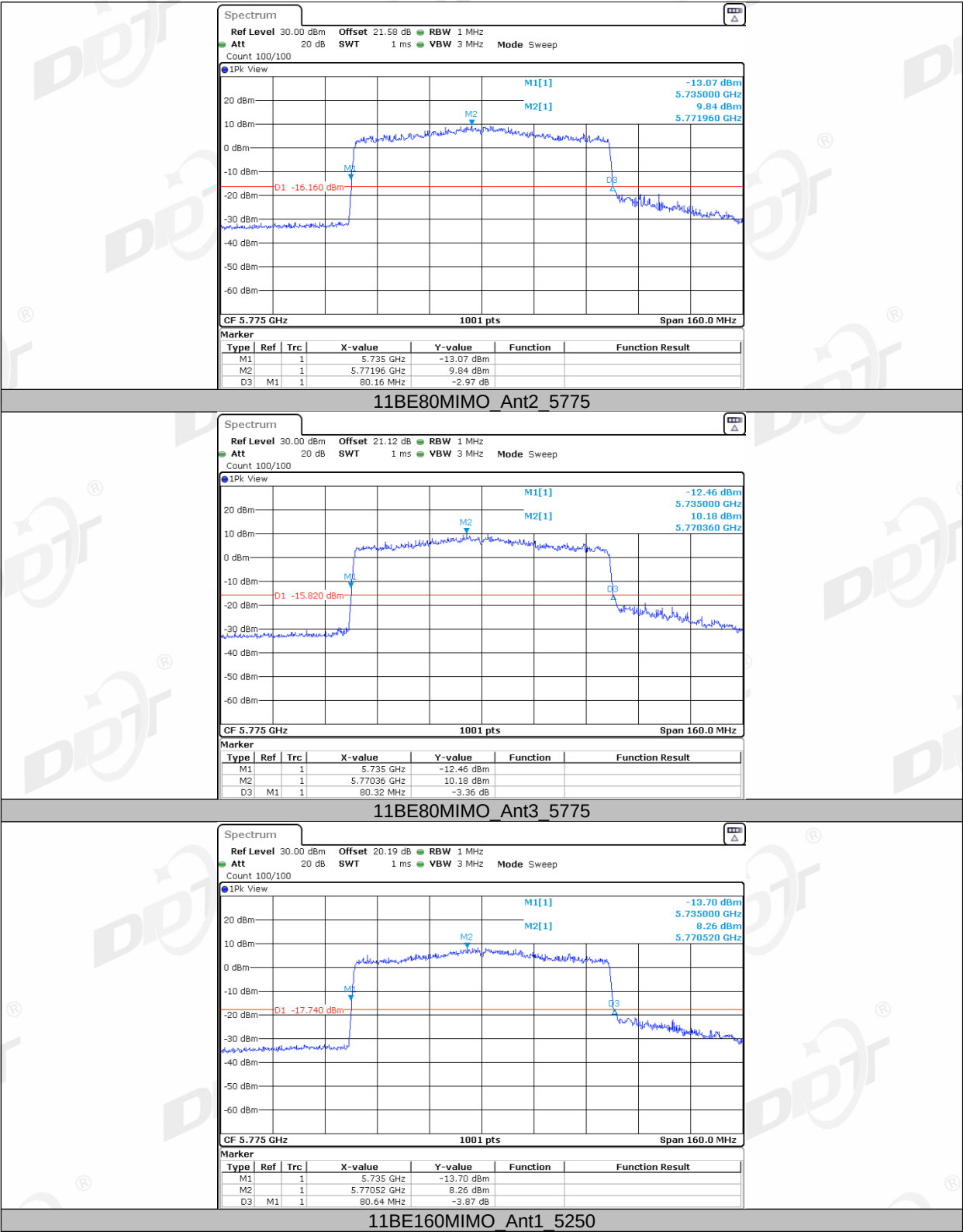


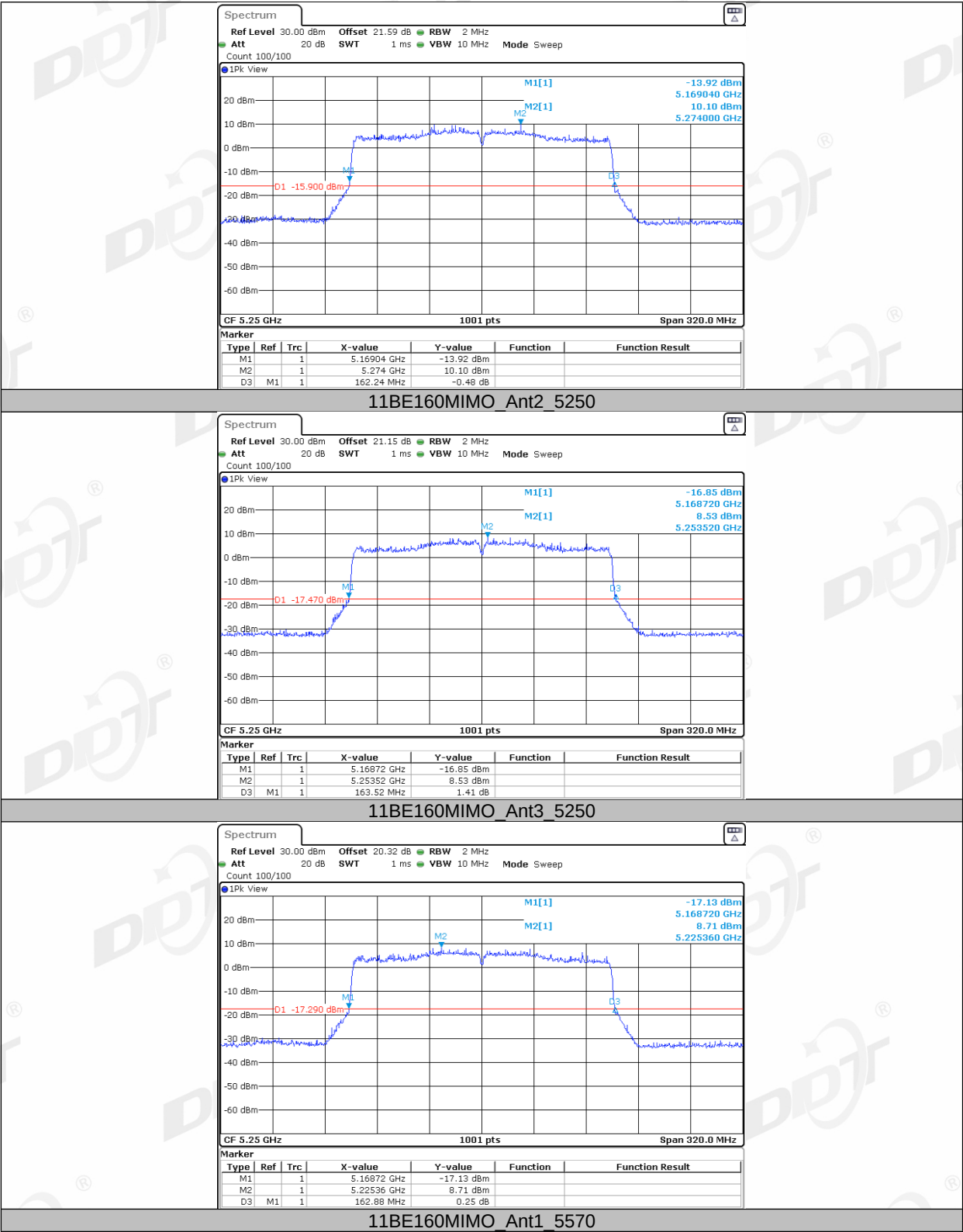


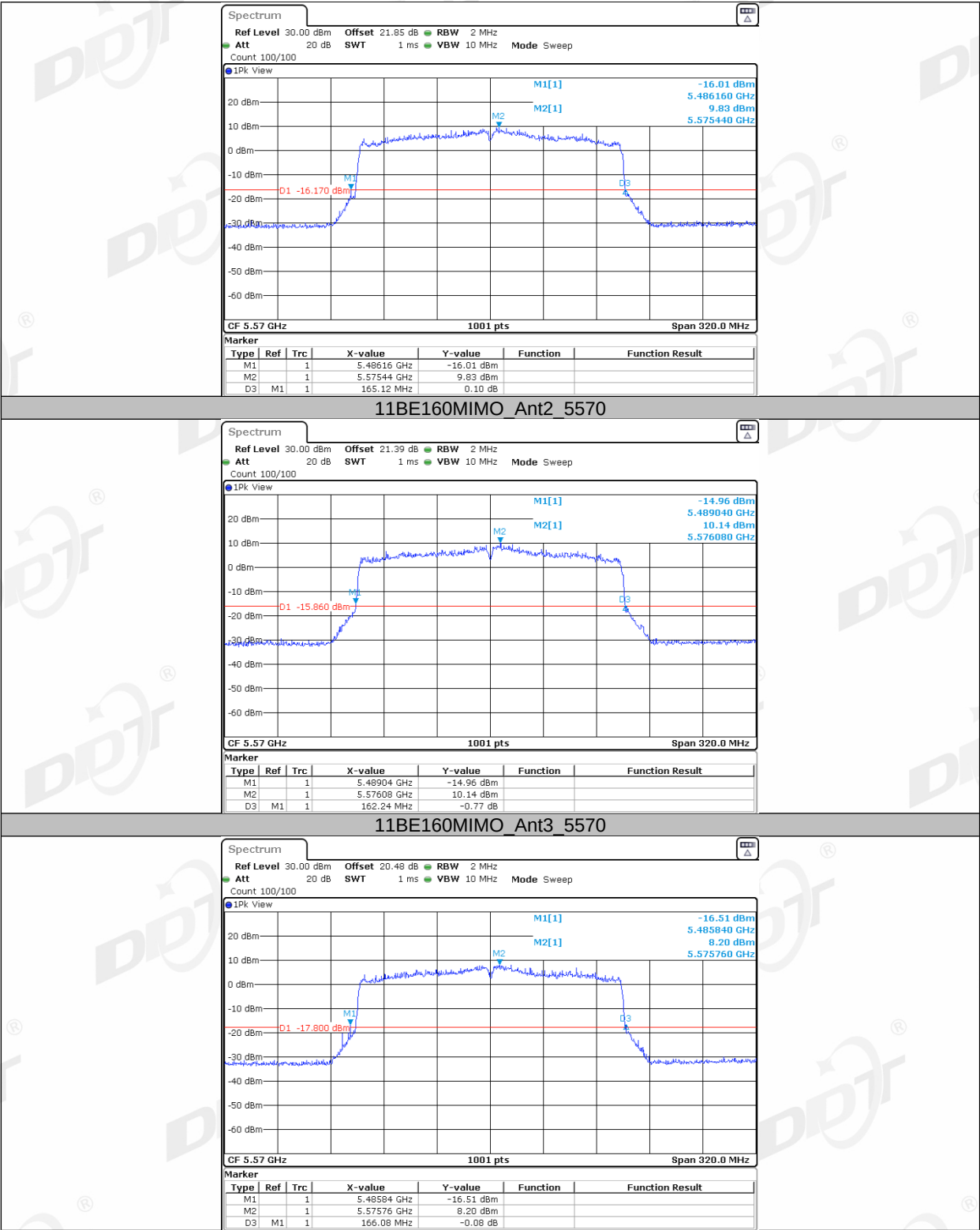






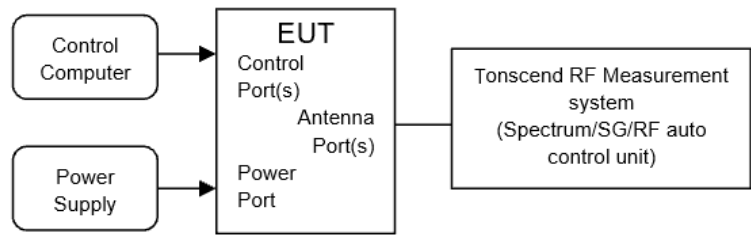






5. 6dB Bandwidth

5.1. Block diagram of test setup



5.2. Limits

| FCC Part15, Subpart E/ RSS-247 |                 |                       |
|--------------------------------|-----------------|-----------------------|
| Test Item                      | Limit           | Frequency Range (MHz) |
| 6 dB Bandwidth                 | Minimum 500 kHz | 5725 - 5850           |

5.3. Test procedure

Connect EUT's antenna output to spectrum analyzer by RF cable.

|                  |                                                                                                     |
|------------------|-----------------------------------------------------------------------------------------------------|
| Center Frequency | The center frequency of the channel under test                                                      |
| Detector         | Peak                                                                                                |
| RBW              | For 6 dB Bandwidth: RBW=100 kHz<br>For 26 dB Bandwidth: approximately 1% of the emission bandwidth. |
| VBW              | For 6 dB Bandwidth: VBW=300 kHz<br>For 26 dB Bandwidth: >3 RBW                                      |
| Trace            | Max hold                                                                                            |
| Sweep            | Auto couple                                                                                         |

Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

## 5.4. Test result B4

|                    |                         |                |                          |
|--------------------|-------------------------|----------------|--------------------------|
| Test Engineer:     | Zeng Zhongyao           | Test Site:     | RF Measurement System 3# |
| Ambient Condition: | 24.6-25.3℃,30.5-51.2%RH | Test Date:     | 2025.11.17-2025.12.16    |
| Test Power Supply: | DC 12V                  | Sample Number: | S25081330-001            |

| Test Mode  | Antenna | Frequency [MHz] | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|-----------------|---------------|---------|---------|------------|---------|
| 11A        | Ant1    | 5745            | 16.28         | 5736.8  | 5753.08 | 0.5        | PASS    |
|            | Ant2    | 5745            | 16.48         | 5736.72 | 5753.2  | 0.5        | PASS    |
|            | Ant3    | 5745            | 16.32         | 5736.8  | 5753.12 | 0.5        | PASS    |
|            | Ant1    | 5785            | 16.28         | 5776.8  | 5793.08 | 0.5        | PASS    |
|            | Ant2    | 5785            | 16.28         | 5776.8  | 5793.08 | 0.5        | PASS    |
|            | Ant3    | 5785            | 16.04         | 5776.8  | 5792.84 | 0.5        | PASS    |
|            | Ant1    | 5825            | 16.28         | 5816.8  | 5833.08 | 0.5        | PASS    |
|            | Ant2    | 5825            | 16.28         | 5816.8  | 5833.08 | 0.5        | PASS    |
|            | Ant3    | 5825            | 16.28         | 5816.8  | 5833.08 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5745            | 16.80         | 5736.56 | 5743.68 | 0.5        | PASS    |
|            | Ant2    | 5745            | 17.52         | 5736.2  | 5753.72 | 0.5        | PASS    |
|            | Ant3    | 5745            | 17.52         | 5736.2  | 5753.72 | 0.5        | PASS    |
|            | Ant1    | 5785            | 17.52         | 5776.2  | 5793.72 | 0.5        | PASS    |
|            | Ant2    | 5785            | 17.16         | 5776.2  | 5793.36 | 0.5        | PASS    |
|            | Ant3    | 5785            | 17.56         | 5776.2  | 5793.76 | 0.5        | PASS    |
|            | Ant1    | 5825            | 16.8          | 5816.56 | 5833.36 | 0.5        | PASS    |
|            | Ant2    | 5825            | 17.56         | 5816.2  | 5833.76 | 0.5        | PASS    |
|            | Ant3    | 5825            | 17.56         | 5816.2  | 5833.76 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 5755            | 35.04         | 5737.48 | 5772.52 | 0.5        | PASS    |
|            | Ant2    | 5755            | 35.04         | 5737.48 | 5772.52 | 0.5        | PASS    |
|            | Ant3    | 5755            | 35.04         | 5737.48 | 5772.52 | 0.5        | PASS    |
|            | Ant1    | 5795            | 35.12         | 5777.48 | 5812.6  | 0.5        | PASS    |
|            | Ant2    | 5795            | 35.12         | 5777.48 | 5812.6  | 0.5        | PASS    |
|            | Ant3    | 5795            | 35.12         | 5777.48 | 5812.6  | 0.5        | PASS    |
| 11AC20MIMO | Ant1    | 5745            | 17.52         | 5736.2  | 5753.72 | 0.5        | PASS    |
|            | Ant2    | 5745            | 17.16         | 5736.2  | 5753.36 | 0.5        | PASS    |
|            | Ant3    | 5745            | 17.56         | 5736.2  | 5753.76 | 0.5        | PASS    |
|            | Ant1    | 5785            | 17.16         | 5776.2  | 5793.36 | 0.5        | PASS    |
|            | Ant2    | 5785            | 17.20         | 5776.16 | 5779.92 | 0.5        | PASS    |
|            | Ant3    | 5785            | 16.96         | 5776.2  | 5793.16 | 0.5        | PASS    |
|            | Ant1    | 5825            | 15.72         | 5816.84 | 5832.56 | 0.5        | PASS    |
|            | Ant2    | 5825            | 16.56         | 5816.6  | 5833.16 | 0.5        | PASS    |
|            | Ant3    | 5825            | 17.16         | 5816.24 | 5833.4  | 0.5        | PASS    |
| 11AC40MIMO | Ant1    | 5755            | 35.04         | 5737.48 | 5772.52 | 0.5        | PASS    |
|            | Ant2    | 5755            | 35.04         | 5737.48 | 5772.52 | 0.5        | PASS    |
|            | Ant3    | 5755            | 35.04         | 5737.48 | 5772.52 | 0.5        | PASS    |
|            | Ant1    | 5795            | 35.12         | 5777.48 | 5812.6  | 0.5        | PASS    |

|            |      |      |       |         |         |     |      |
|------------|------|------|-------|---------|---------|-----|------|
|            | Ant2 | 5795 | 35.12 | 5777.48 | 5812.6  | 0.5 | PASS |
|            | Ant3 | 5795 | 35.12 | 5777.48 | 5812.6  | 0.5 | PASS |
| 11AC80MIMO | Ant1 | 5775 | 75.2  | 5737.4  | 5812.6  | 0.5 | PASS |
|            | Ant2 | 5775 | 75.2  | 5737.4  | 5812.6  | 0.5 | PASS |
|            | Ant3 | 5775 | 75.2  | 5737.4  | 5812.6  | 0.5 | PASS |
| 11AX20MIMO | Ant1 | 5745 | 18.56 | 5735.68 | 5754.24 | 0.5 | PASS |
|            | Ant2 | 5745 | 18.52 | 5735.72 | 5754.24 | 0.5 | PASS |
|            | Ant3 | 5745 | 18.72 | 5735.56 | 5754.28 | 0.5 | PASS |
|            | Ant1 | 5785 | 18.72 | 5775.56 | 5794.28 | 0.5 | PASS |
|            | Ant2 | 5785 | 18.56 | 5775.72 | 5794.28 | 0.5 | PASS |
|            | Ant3 | 5785 | 18.56 | 5775.72 | 5794.28 | 0.5 | PASS |
|            | Ant1 | 5825 | 18.64 | 5815.64 | 5834.28 | 0.5 | PASS |
|            | Ant2 | 5825 | 18.56 | 5815.72 | 5834.28 | 0.5 | PASS |
|            | Ant3 | 5825 | 18.68 | 5815.72 | 5834.4  | 0.5 | PASS |
| 11AX40MIMO | Ant1 | 5755 | 36    | 5736.76 | 5772.76 | 0.5 | PASS |
|            | Ant2 | 5755 | 36.08 | 5736.92 | 5773    | 0.5 | PASS |
|            | Ant3 | 5755 | 36.48 | 5736.76 | 5773.24 | 0.5 | PASS |
|            | Ant1 | 5795 | 35.36 | 5777.24 | 5812.6  | 0.5 | PASS |
|            | Ant2 | 5795 | 36.8  | 5776.44 | 5813.24 | 0.5 | PASS |
|            | Ant3 | 5795 | 36.64 | 5777    | 5813.64 | 0.5 | PASS |
| 11AX80MIMO | Ant1 | 5775 | 75.2  | 5737.4  | 5812.6  | 0.5 | PASS |
|            | Ant2 | 5775 | 75.2  | 5737.4  | 5812.6  | 0.5 | PASS |
|            | Ant3 | 5775 | 75.2  | 5737.4  | 5812.6  | 0.5 | PASS |
| 11BE20MIMO | Ant1 | 5745 | 18.36 | 5735.72 | 5754.08 | 0.5 | PASS |
|            | Ant2 | 5745 | 18.64 | 5735.56 | 5754.2  | 0.5 | PASS |
|            | Ant3 | 5745 | 18.6  | 5735.6  | 5754.2  | 0.5 | PASS |
|            | Ant1 | 5785 | 18.36 | 5775.88 | 5794.24 | 0.5 | PASS |
|            | Ant2 | 5785 | 18.6  | 5775.68 | 5794.28 | 0.5 | PASS |
|            | Ant3 | 5785 | 18.64 | 5775.8  | 5794.44 | 0.5 | PASS |
|            | Ant1 | 5825 | 18.48 | 5815.8  | 5834.28 | 0.5 | PASS |
|            | Ant2 | 5825 | 18.56 | 5815.72 | 5834.28 | 0.5 | PASS |
|            | Ant3 | 5825 | 18.64 | 5815.64 | 5834.28 | 0.5 | PASS |
| 11BE40MIMO | Ant1 | 5755 | 36.56 | 5737    | 5773.56 | 0.5 | PASS |
|            | Ant2 | 5755 | 36.64 | 5736.76 | 5773.4  | 0.5 | PASS |
|            | Ant3 | 5755 | 37.04 | 5736.76 | 5773.8  | 0.5 | PASS |
|            | Ant1 | 5795 | 37.36 | 5776.2  | 5813.56 | 0.5 | PASS |
|            | Ant2 | 5795 | 37.28 | 5776.2  | 5813.48 | 0.5 | PASS |
|            | Ant3 | 5795 | 37.2  | 5776.28 | 5813.48 | 0.5 | PASS |
| 11BE80MIMO | Ant1 | 5775 | 75.2  | 5737.4  | 5812.6  | 0.5 | PASS |
|            | Ant2 | 5775 | 75.36 | 5737.24 | 5812.6  | 0.5 | PASS |
|            | Ant3 | 5775 | 75.2  | 5737.4  | 5812.6  | 0.5 | PASS |

5.5. Test graphs B4



