

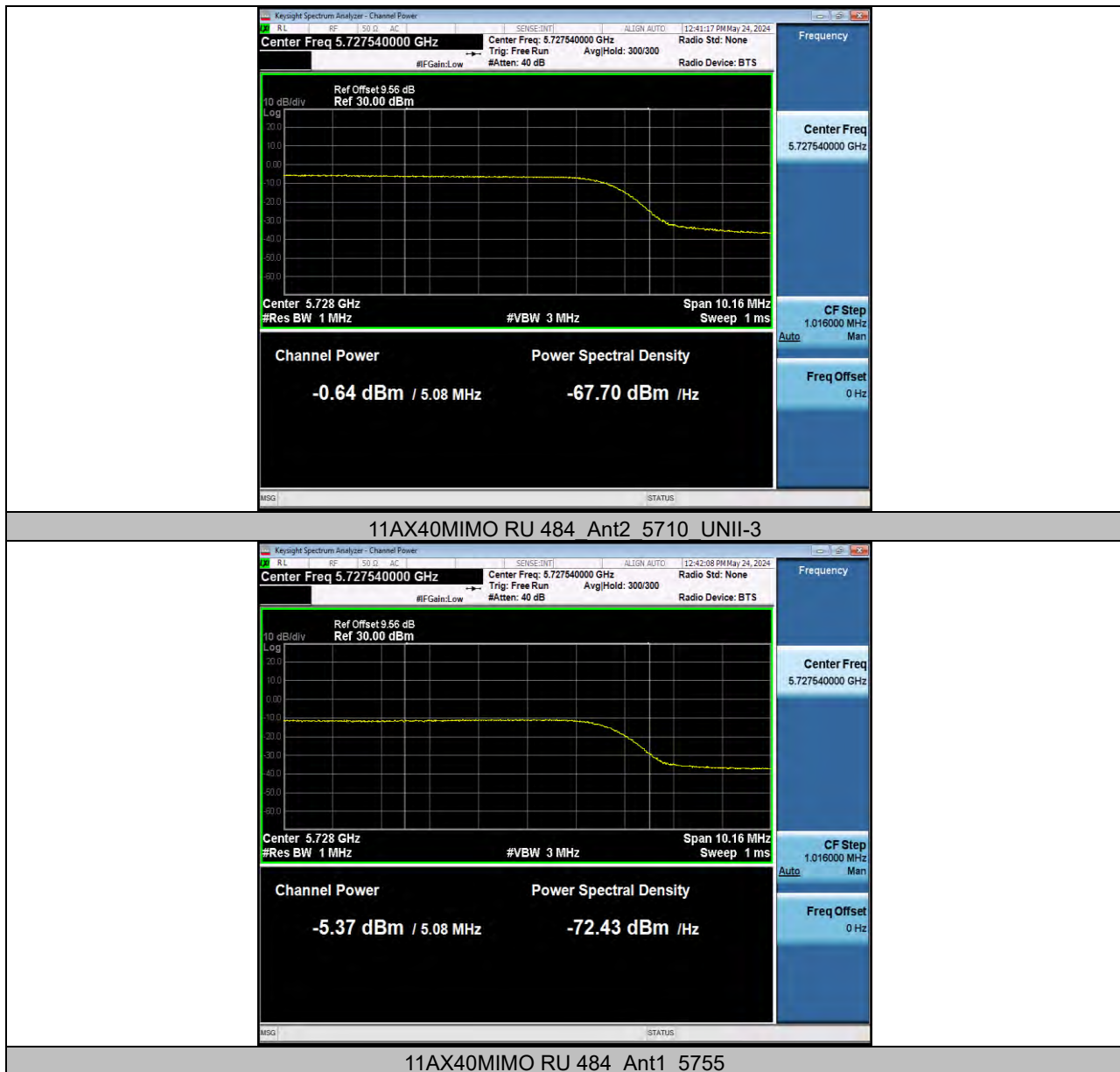
Reference No.: W7L-P24040002RF02



11AX40MIMO RU 484 Ant2 5710 UNII-2C



11AX40MIMO RU 484 Ant1 5710 UNII-3



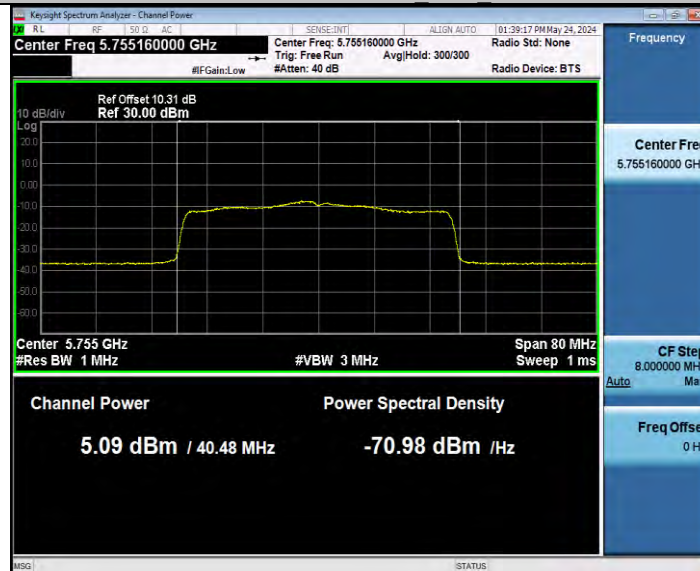


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11AX40MIMO RU 484 Ant2 5755



11AX40MIMO RU 484 Ant1 5795

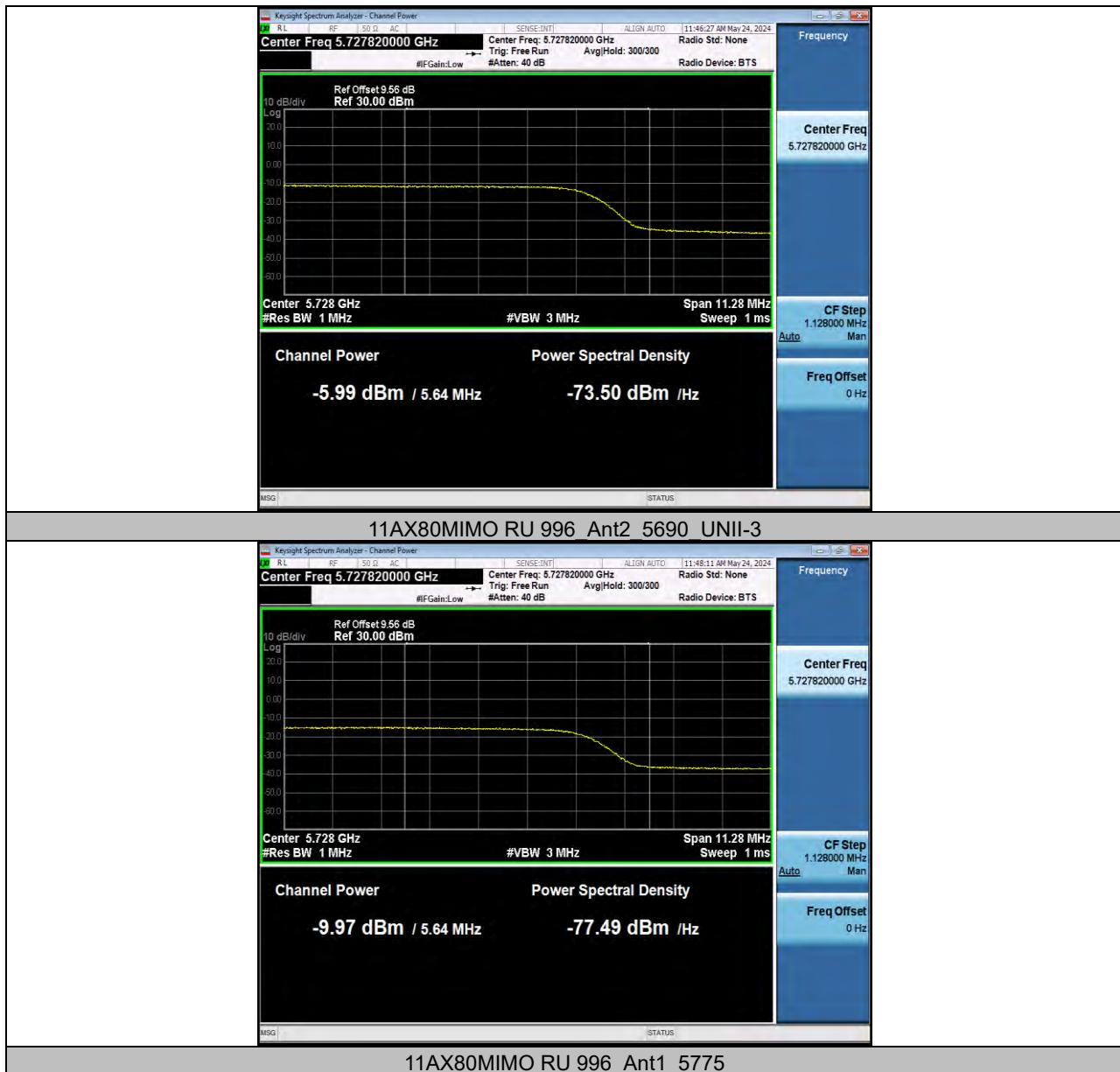




















## MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

| Test Mode   | Antenna | Freq(MHz) | Ru Size | Ru Index | Result [dBm/MHz] | Result [dBm/300kHz] | Result [dBm/470kHz] | Result [dBm/500kHz] | Limit [dBm/MHz] | Verdict |
|-------------|---------|-----------|---------|----------|------------------|---------------------|---------------------|---------------------|-----------------|---------|
| 11AX20MI MO | Ant1    | 5180      | 26Tone  | RU0      | 1.77             | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 52Tone  | RU37     | 1.74             | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 106Tone | RU53     | 1.67             | ---                 | ---                 | ---                 | 11              | PASS    |
|             | Ant2    | 5180      | 26Tone  | RU0      | -1.39            | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 52Tone  | RU37     | -1.65            | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 106Tone | RU53     | -1.01            | ---                 | ---                 | ---                 | 11              | PASS    |
|             | total   | 5180      | 26Tone  | RU0      | 3.48             | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 52Tone  | RU37     | 3.38             | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 106Tone | RU53     | 3.54             | ---                 | ---                 | ---                 | 11              | PASS    |
|             | Ant1    | 5200      | 26Tone  | RU4      | 0.72             | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 52Tone  | RU38     | 2.31             | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 106Tone | RU53     | 2.72             | ---                 | ---                 | ---                 | 11              | PASS    |
|             | Ant2    | 5200      | 26Tone  | RU4      | -2.54            | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 52Tone  | RU38     | -1.36            | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 106Tone | RU53     | -1.04            | ---                 | ---                 | ---                 | 11              | PASS    |
|             | total   | 5200      | 26Tone  | RU4      | 2.4              | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 52Tone  | RU38     | 3.86             | ---                 | ---                 | ---                 | 11              | PASS    |
|             |         |           | 106Tone | RU53     | 4.25             | ---                 | ---                 | ---                 | 11              | PASS    |
|             | Ant1    | 5240      | 26Tone  | RU8      | 2.77             | ---                 | ---                 | ---                 | 11              | PASS    |



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|  |       |      |         |      |       |     |     |     |    |      |
|--|-------|------|---------|------|-------|-----|-----|-----|----|------|
|  |       |      | 52Tone  | RU40 | 2.88  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU54 | 3.37  | --- | --- | --- | 11 | PASS |
|  | Ant2  | 5240 | 26Tone  | RU8  | -1.95 | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU40 | -1.9  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU54 | -1.5  | --- | --- | --- | 11 | PASS |
|  | total | 5240 | 26Tone  | RU8  | 4.03  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU40 | 4.13  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU54 | 4.59  | --- | --- | --- | 11 | PASS |
|  | Ant1  | 5260 | 26Tone  | RU0  | 8.16  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU37 | 7.9   | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | 5.57  | --- | --- | --- | 11 | PASS |
|  | Ant2  | 5260 | 26Tone  | RU0  | 2.73  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU37 | 2.47  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | 0.2   | --- | --- | --- | 11 | PASS |
|  | total | 5260 | 26Tone  | RU0  | 9.25  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU37 | 8.99  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | 6.68  | --- | --- | --- | 11 | PASS |
|  | Ant1  | 5300 | 26Tone  | RU4  | 7.28  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU38 | 7.86  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | 4.93  | --- | --- | --- | 11 | PASS |
|  | Ant2  | 5300 | 26Tone  | RU4  | 0.86  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU38 | 1.64  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | -1.16 | --- | --- | --- | 11 | PASS |
|  | total | 5300 | 26Tone  | RU4  | 8.17  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU38 | 8.79  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | 5.89  | --- | --- | --- | 11 | PASS |



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|  |       |      |         |      |       |     |     |     |    |      |
|--|-------|------|---------|------|-------|-----|-----|-----|----|------|
|  | Ant1  | 5320 | 26Tone  | RU8  | 7.19  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU40 | 6.73  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU54 | 4.68  | --- | --- | --- | 11 | PASS |
|  | Ant2  | 5320 | 26Tone  | RU8  | 0.93  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU40 | 1     | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU54 | -1.21 | --- | --- | --- | 11 | PASS |
|  | total | 5320 | 26Tone  | RU8  | 8.11  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU40 | 7.76  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU54 | 5.68  | --- | --- | --- | 11 | PASS |
|  | Ant1  | 5500 | 26Tone  | RU0  | 5.06  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU37 | 6.91  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | 1.73  | --- | --- | --- | 11 | PASS |
|  | Ant2  | 5500 | 26Tone  | RU0  | 5.12  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU37 | 6.95  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | 1.84  | --- | --- | --- | 11 | PASS |
|  | total | 5500 | 26Tone  | RU0  | 8.1   | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU37 | 9.94  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | 4.8   | --- | --- | --- | 11 | PASS |
|  | Ant1  | 5580 | 26Tone  | RU4  | 5.01  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU38 | 4.61  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | 2.91  | --- | --- | --- | 11 | PASS |
|  | Ant2  | 5580 | 26Tone  | RU4  | 5.44  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU38 | 4.93  | --- | --- | --- | 11 | PASS |
|  |       |      | 106Tone | RU53 | 2.98  | --- | --- | --- | 11 | PASS |
|  | total | 5580 | 26Tone  | RU4  | 8.24  | --- | --- | --- | 11 | PASS |
|  |       |      | 52Tone  | RU38 | 7.78  | --- | --- | --- | 11 | PASS |



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|  |       |         |      |        |       |       |       |    |      |
|--|-------|---------|------|--------|-------|-------|-------|----|------|
|  |       | 106Tone | RU53 | 5.96   | ---   | ---   | ---   | 11 | PASS |
|  |       | 26Tone  | RU8  | -17.91 | ---   | ---   | ---   | 11 | PASS |
|  | Ant1  | 52Tone  | RU40 | -2.63  | ---   | ---   | ---   | 11 | PASS |
|  |       | 106Tone | RU54 | 3.86   | ---   | ---   | ---   | 11 | PASS |
|  |       | 26Tone  | RU8  | -23.36 | ---   | ---   | ---   | 11 | PASS |
|  | Ant2  | 52Tone  | RU40 | -7.76  | ---   | ---   | ---   | 11 | PASS |
|  |       | 106Tone | RU54 | -1.66  | ---   | ---   | ---   | 11 | PASS |
|  |       | 26Tone  | RU8  | -16.82 | ---   | ---   | ---   | 11 | PASS |
|  | total | 52Tone  | RU40 | -1.47  | ---   | ---   | ---   | 11 | PASS |
|  |       | 106Tone | RU54 | 4.93   | ---   | ---   | ---   | 11 | PASS |
|  |       | 26Tone  | RU8  | ---    | 4.46  | ---   | 6.41  | 30 | PASS |
|  | Ant1  | 52Tone  | RU40 | ---    | 3.11  | ---   | 5.06  | 30 | PASS |
|  |       | 106Tone | RU54 | ---    | 0.97  | ---   | 2.92  | 30 | PASS |
|  |       | 26Tone  | RU8  | ---    | -0.47 | ---   | 1.48  | 30 | PASS |
|  | Ant2  | 52Tone  | RU40 | ---    | -1.56 | ---   | 0.39  | 30 | PASS |
|  |       | 106Tone | RU54 | ---    | -3.78 | ---   | -1.83 | 30 | PASS |
|  |       | 26Tone  | RU8  | ---    | ---   | ---   | 7.62  | 30 | PASS |
|  | total | 52Tone  | RU40 | ---    | ---   | ---   | 6.33  | 30 | PASS |
|  |       | 106Tone | RU54 | ---    | ---   | ---   | 4.17  | 30 | PASS |
|  |       | 26Tone  | RU0  | ---    | ---   | 6.37  | 6.64  | 30 | PASS |
|  | Ant1  | 52Tone  | RU37 | ---    | ---   | 3.43  | 3.7   | 30 | PASS |
|  |       | 106Tone | RU53 | ---    | ---   | 0.82  | 1.09  | 30 | PASS |
|  |       | 26Tone  | RU0  | ---    | ---   | 0.01  | 0.28  | 30 | PASS |
|  | Ant2  | 52Tone  | RU37 | ---    | ---   | -2.89 | -2.62 | 30 | PASS |
|  |       | 106Tone | RU53 | ---    | ---   | -5.11 | -4.84 | 30 | PASS |
|  | total | 26Tone  | RU0  | ---    | ---   | 7.27  | 7.54  | 30 | PASS |

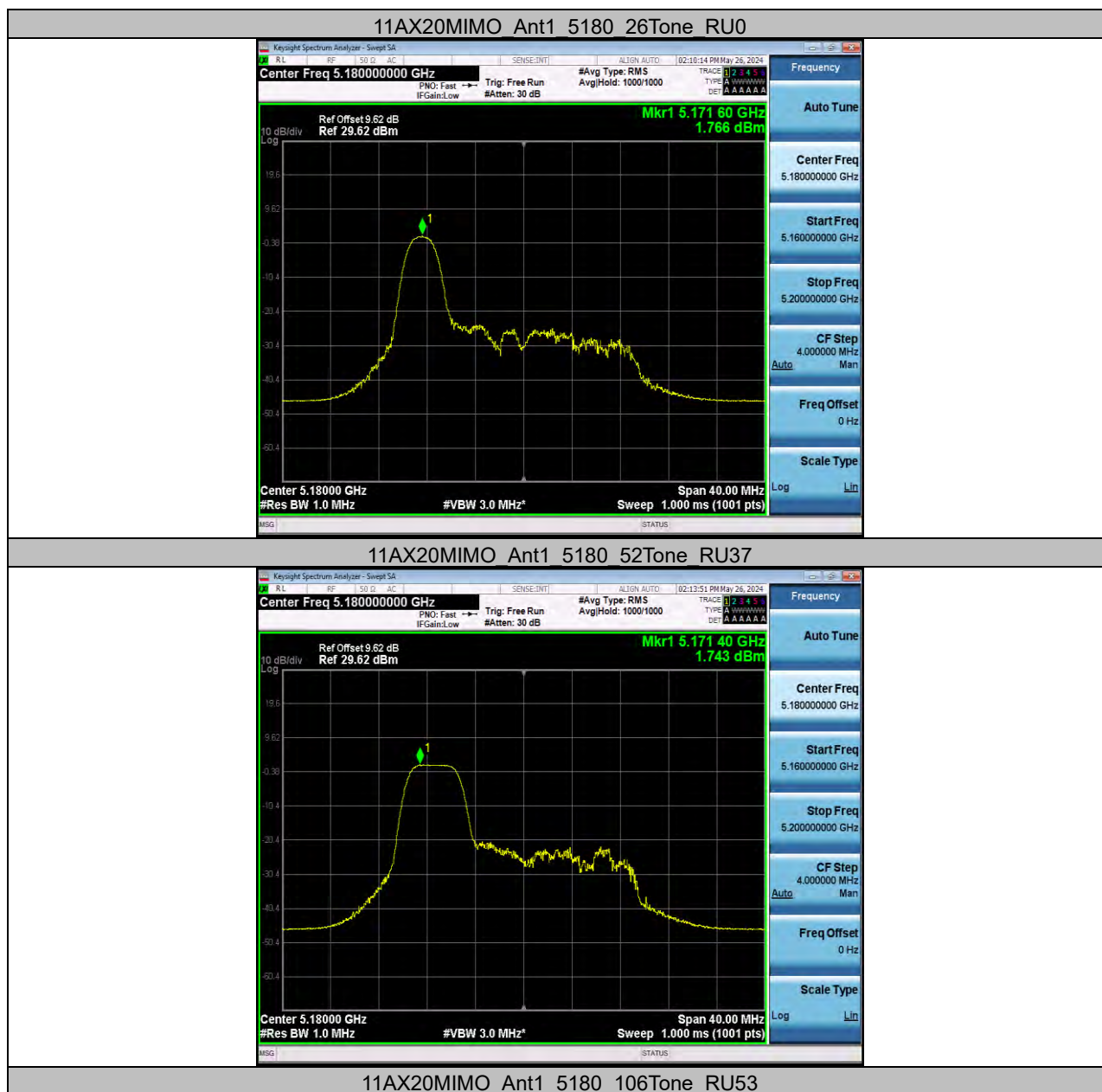


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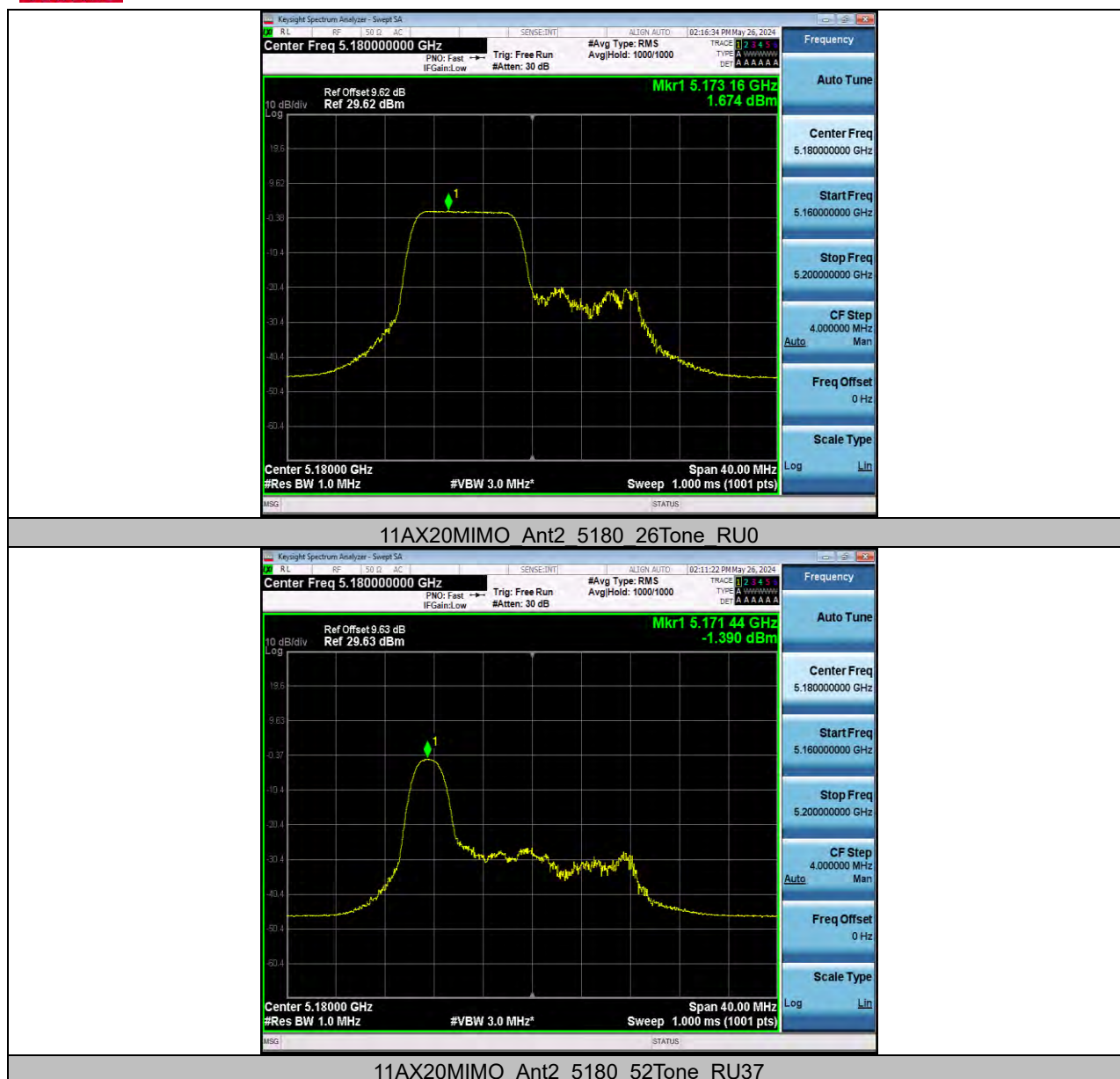
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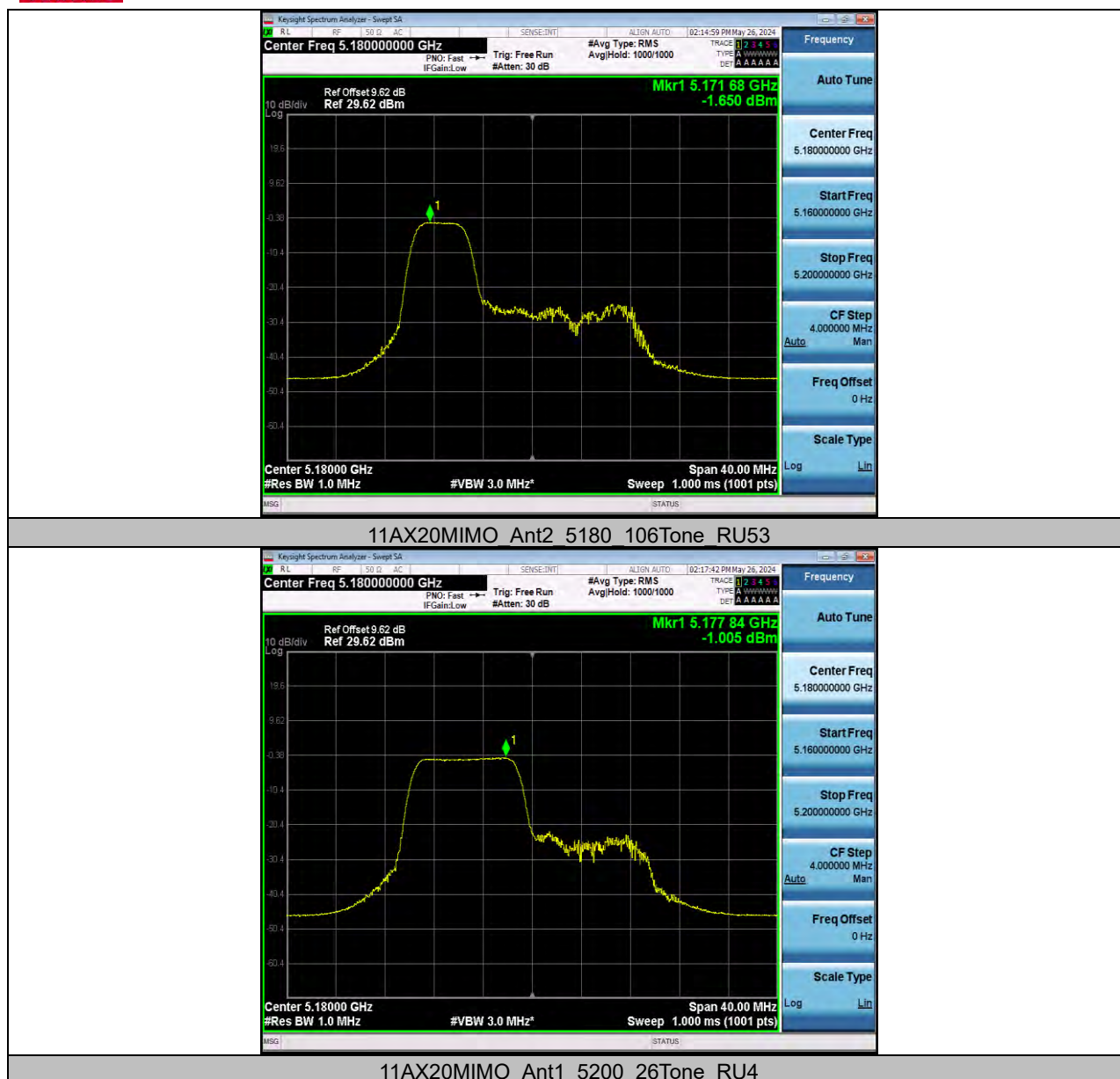
|  |       |      |         |      |     |     |       |       |    |      |
|--|-------|------|---------|------|-----|-----|-------|-------|----|------|
|  |       |      | 52Tone  | RU37 | --- | --- | 4.34  | 4.61  | 30 | PASS |
|  |       |      | 106Tone | RU53 | --- | --- | 1.81  | 2.08  | 30 | PASS |
|  | Ant1  | 5785 | 26Tone  | RU4  | --- | --- | 6.66  | 6.93  | 30 | PASS |
|  |       |      | 52Tone  | RU38 | --- | --- | 3.85  | 4.12  | 30 | PASS |
|  |       |      | 106Tone | RU53 | --- | --- | 1.18  | 1.45  | 30 | PASS |
|  | Ant2  | 5785 | 26Tone  | RU4  | --- | --- | -0.27 | 0     | 30 | PASS |
|  |       |      | 52Tone  | RU38 | --- | --- | -3.12 | -2.85 | 30 | PASS |
|  |       |      | 106Tone | RU53 | --- | --- | -5.69 | -5.42 | 30 | PASS |
|  | total | 5785 | 26Tone  | RU4  | --- | --- | 7.46  | 7.73  | 30 | PASS |
|  |       |      | 52Tone  | RU38 | --- | --- | 4.65  | 4.92  | 30 | PASS |
|  |       |      | 106Tone | RU53 | --- | --- | 1.99  | 2.26  | 30 | PASS |
|  | Ant1  | 5825 | 26Tone  | RU8  | --- | --- | 7.45  | 7.72  | 30 | PASS |
|  |       |      | 52Tone  | RU40 | --- | --- | 4.39  | 4.66  | 30 | PASS |
|  |       |      | 106Tone | RU54 | --- | --- | 1.62  | 1.89  | 30 | PASS |
|  | Ant2  | 5825 | 26Tone  | RU8  | --- | --- | -0.55 | -0.28 | 30 | PASS |
|  |       |      | 52Tone  | RU40 | --- | --- | -3.48 | -3.21 | 30 | PASS |
|  |       |      | 106Tone | RU54 | --- | --- | -6.11 | -5.84 | 30 | PASS |
|  | total | 5825 | 26Tone  | RU8  | --- | --- | 8.09  | 8.36  | 30 | PASS |
|  |       |      | 52Tone  | RU40 | --- | --- | 5.05  | 5.32  | 30 | PASS |
|  |       |      | 106Tone | RU54 | --- | --- | 2.3   | 2.57  | 30 | PASS |

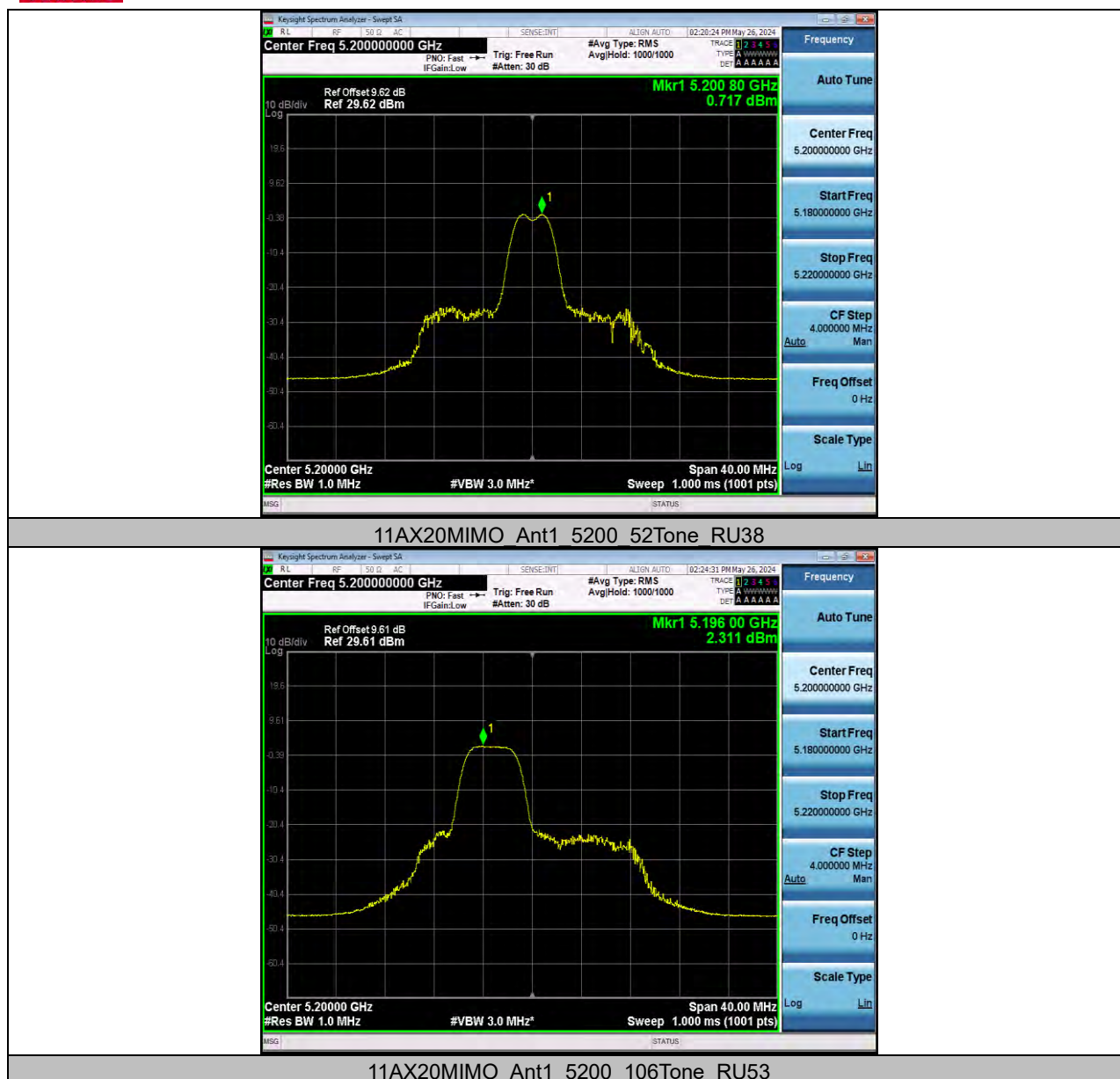
## TEST GRAPHS



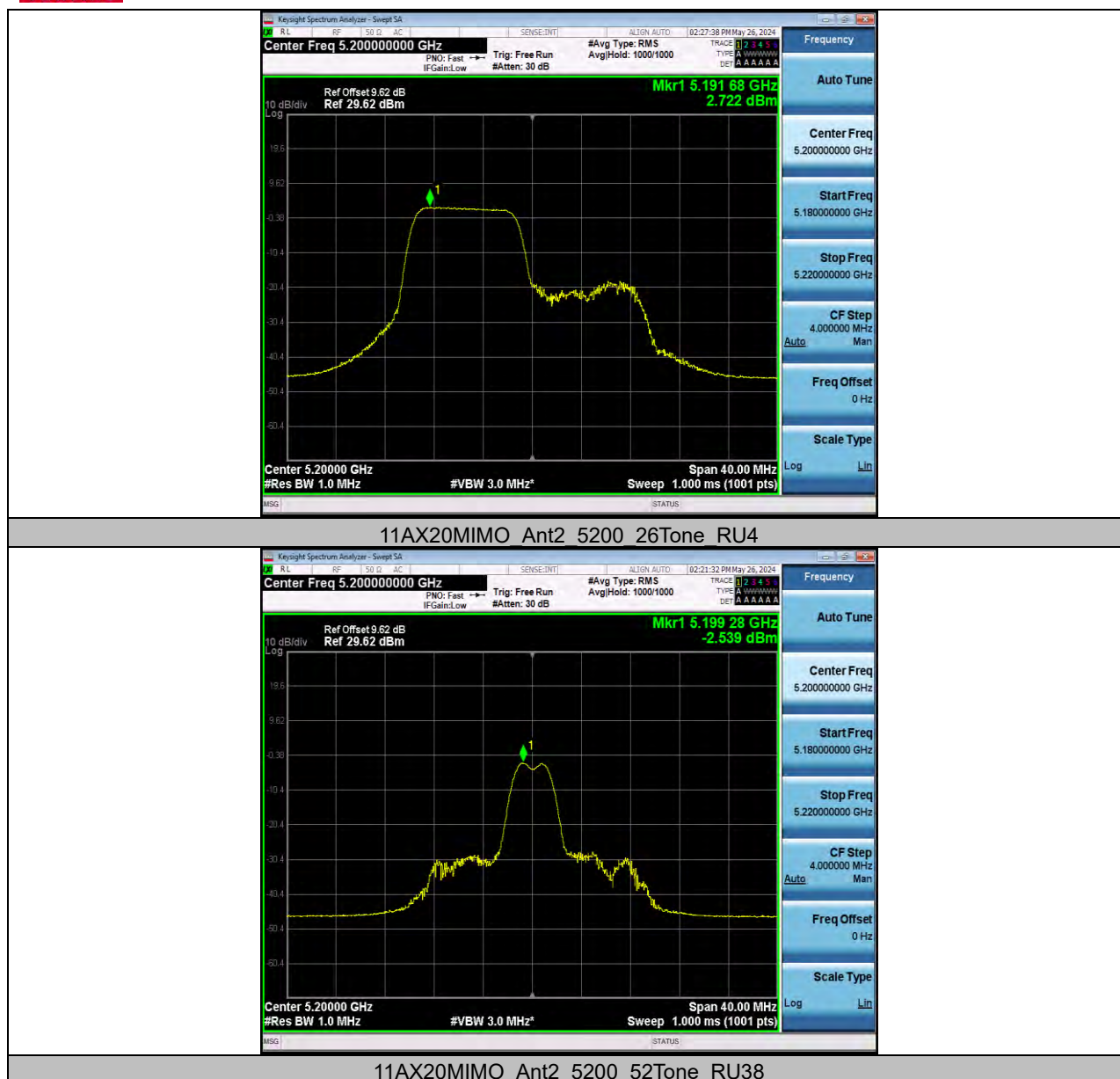
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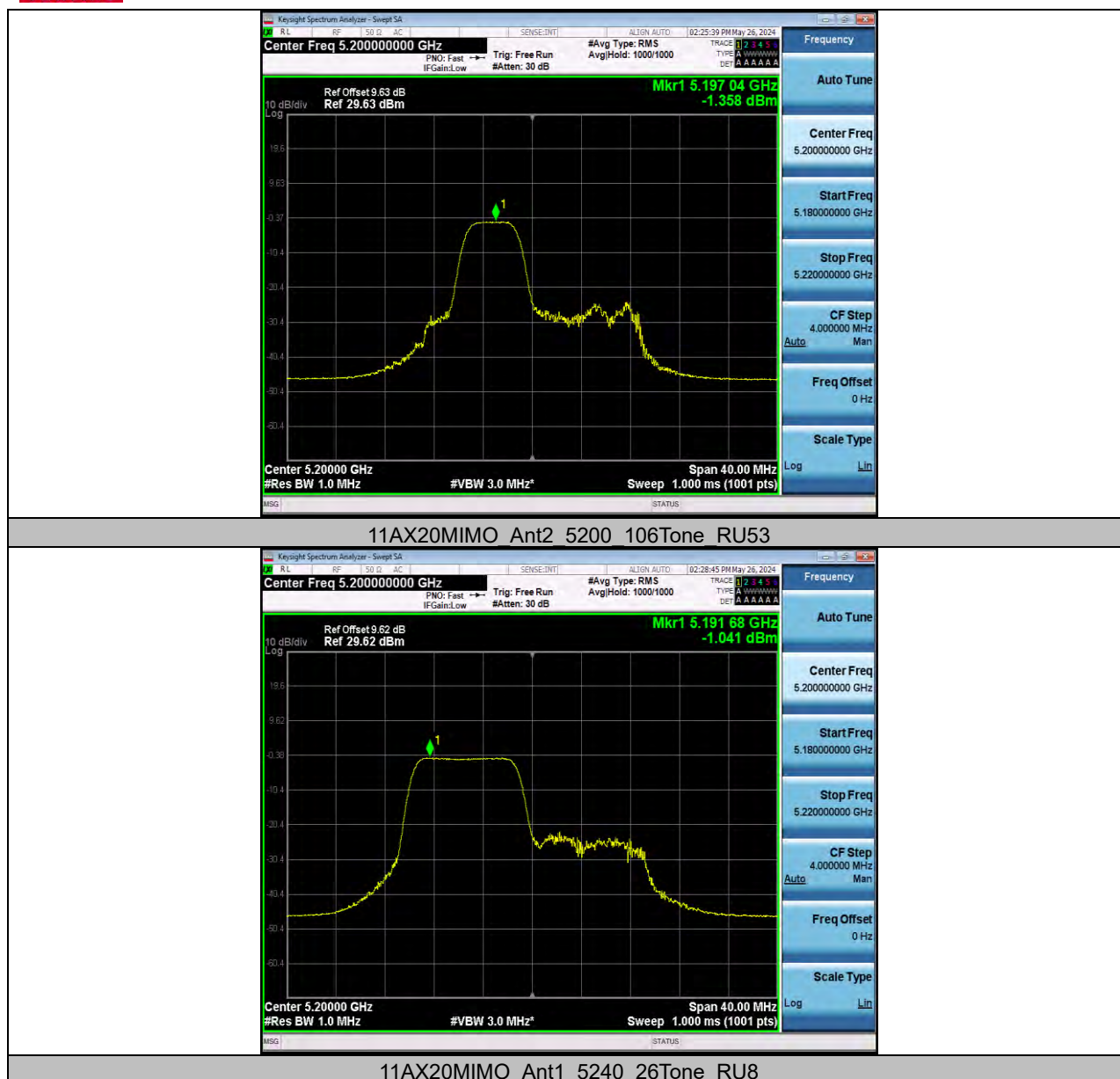




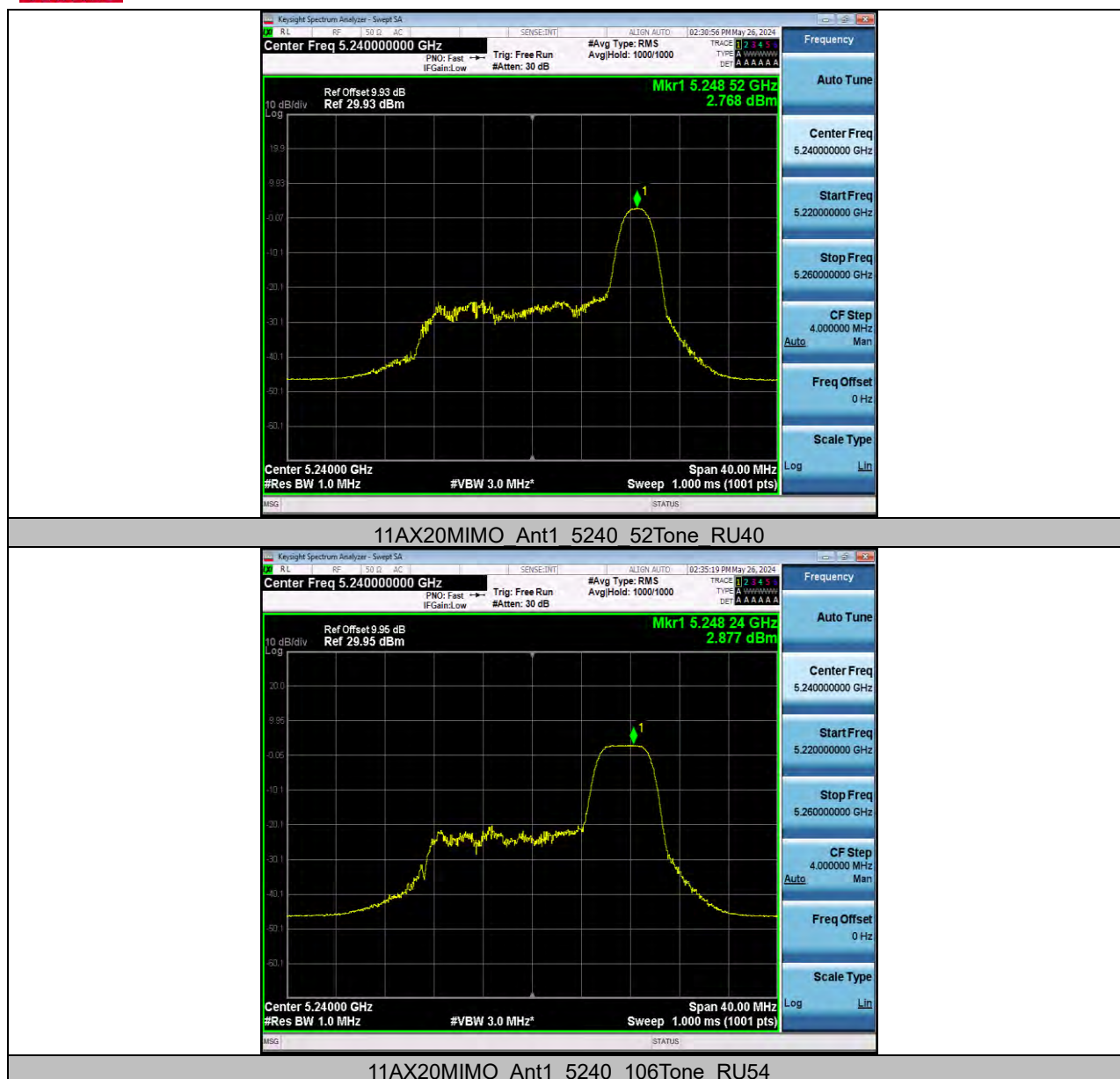


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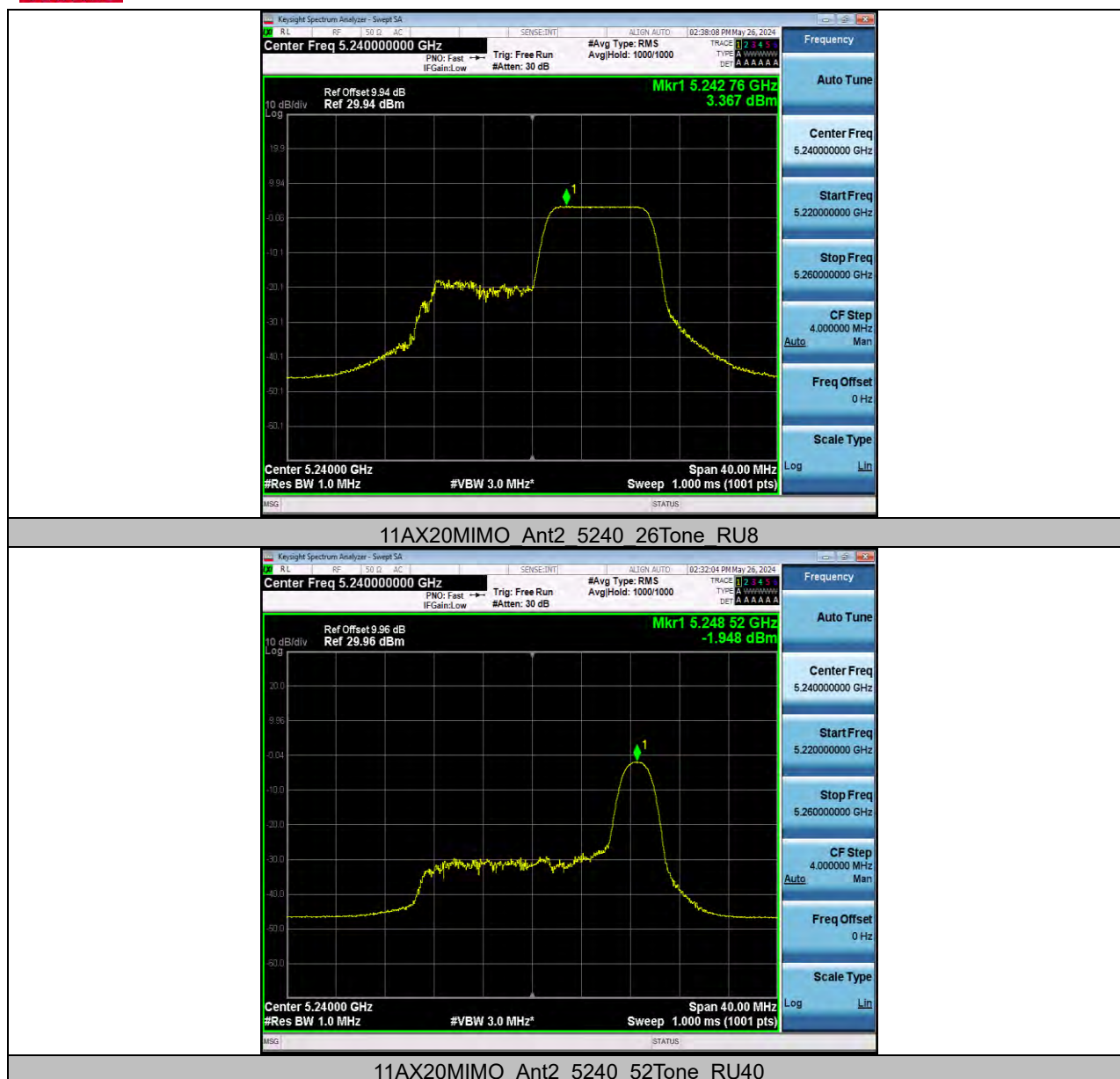




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Reference No.: W7L-P24040002RF02



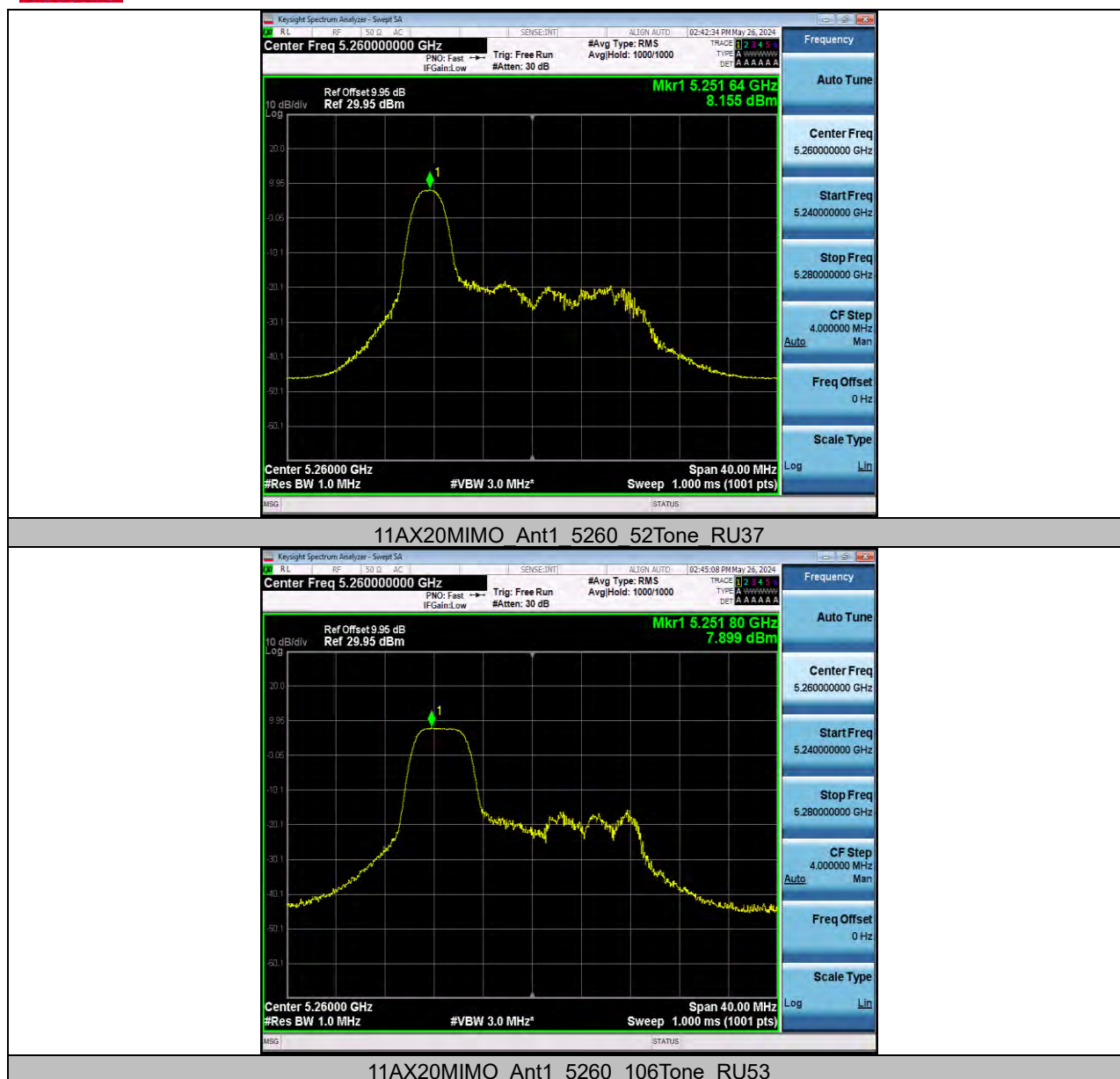
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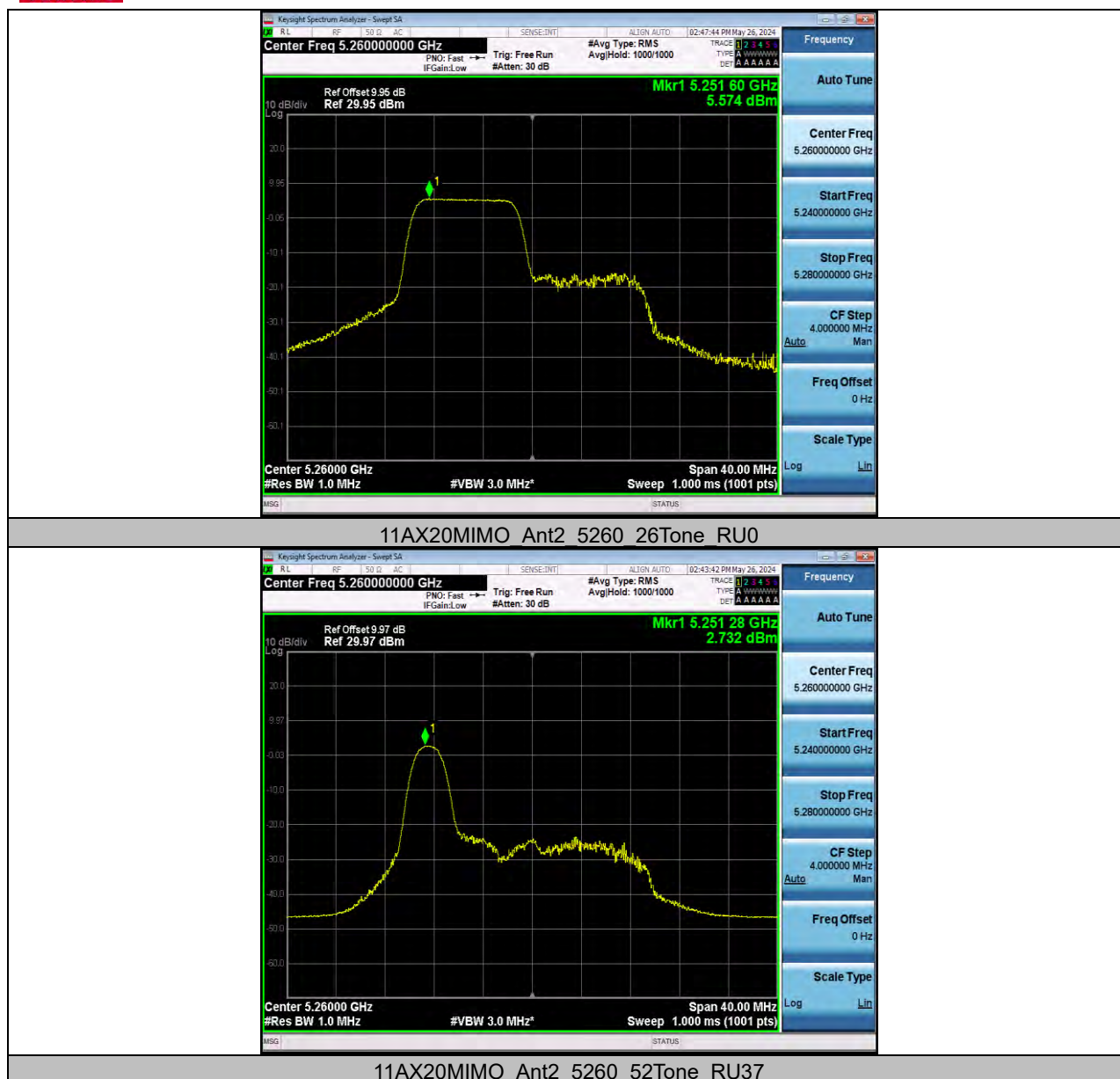


11AX20MIMO Ant2 5240 106Tone RU54

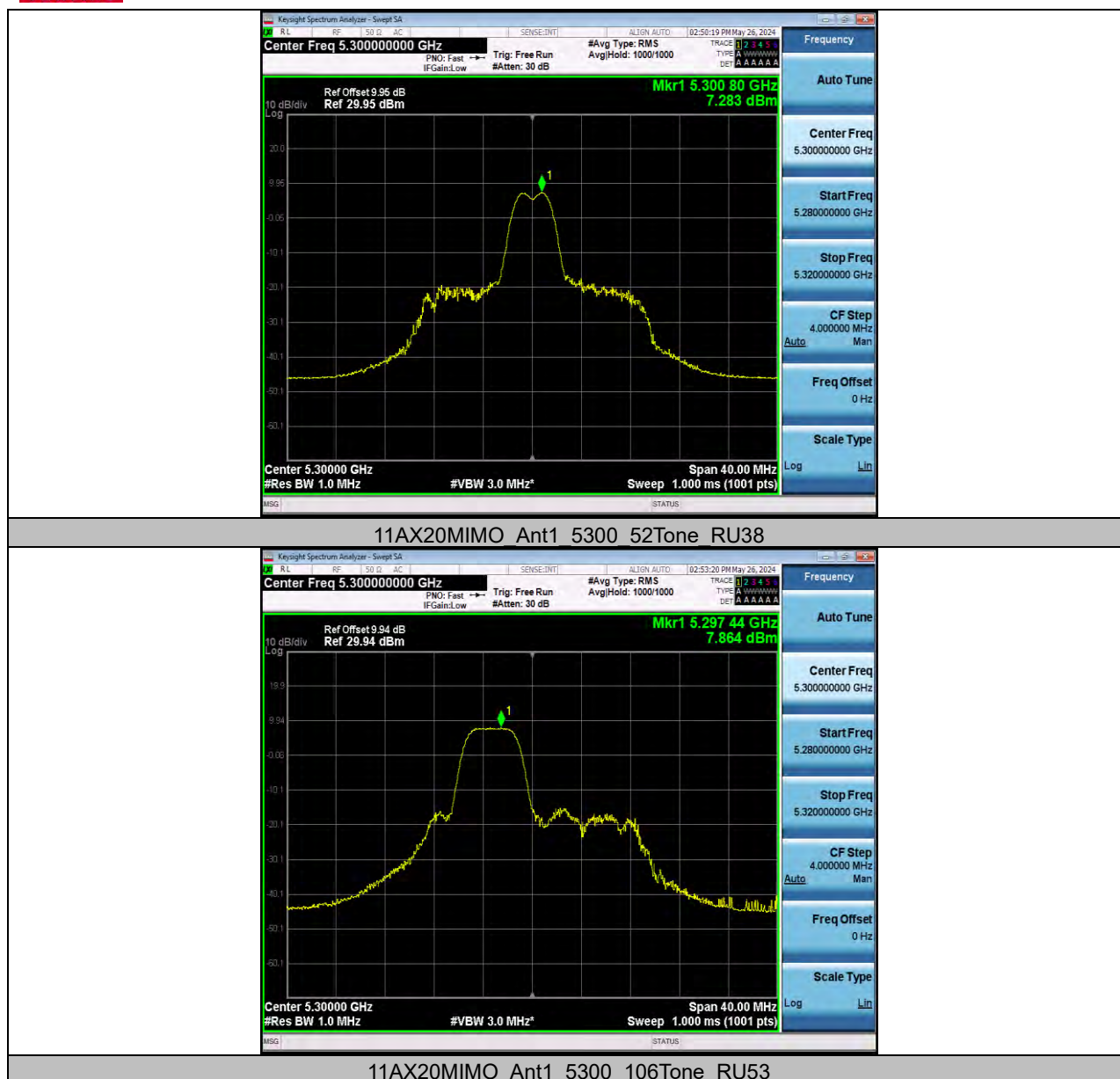


11AX20MIMO Ant1 5260 26Tone RU0



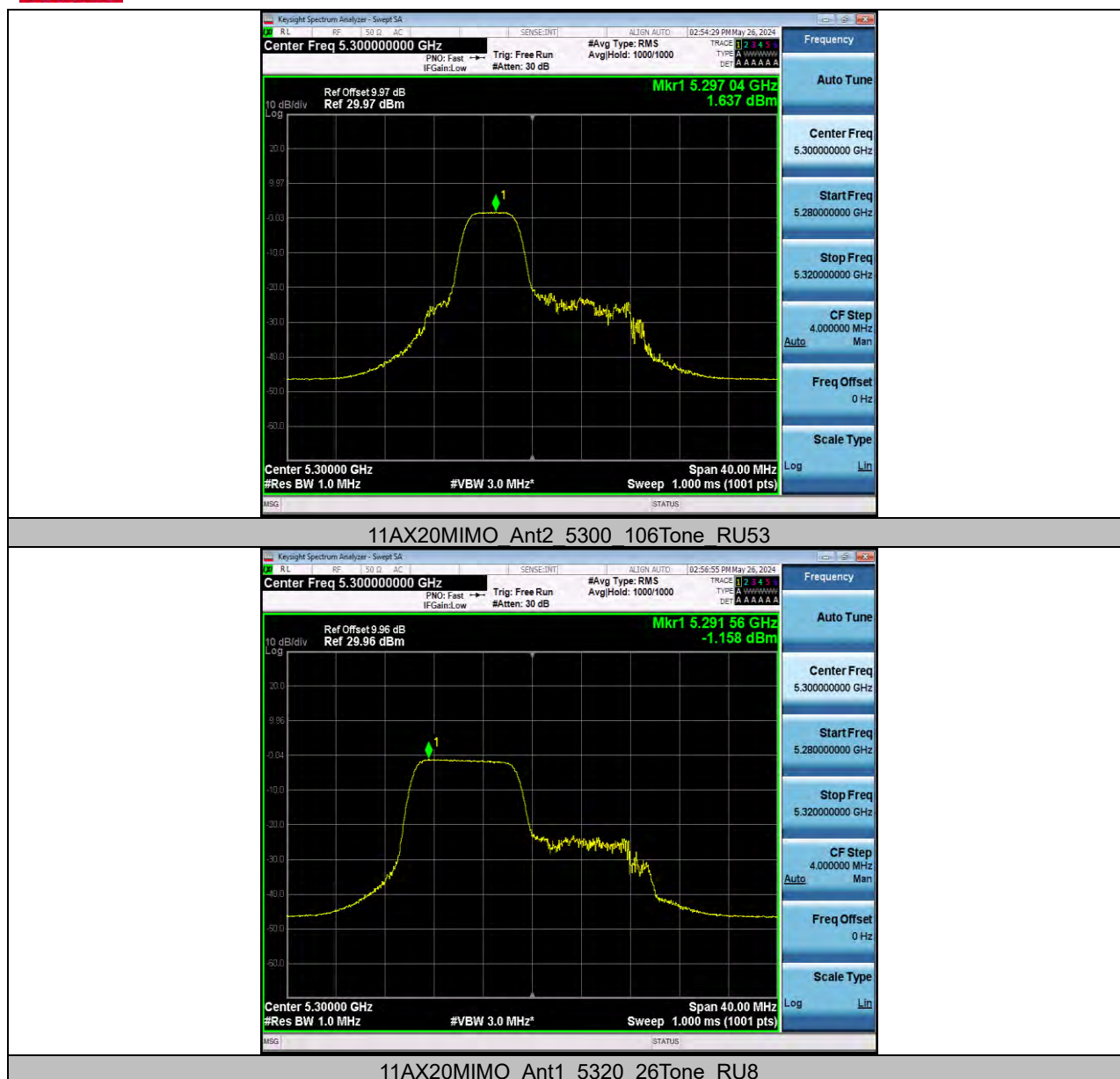


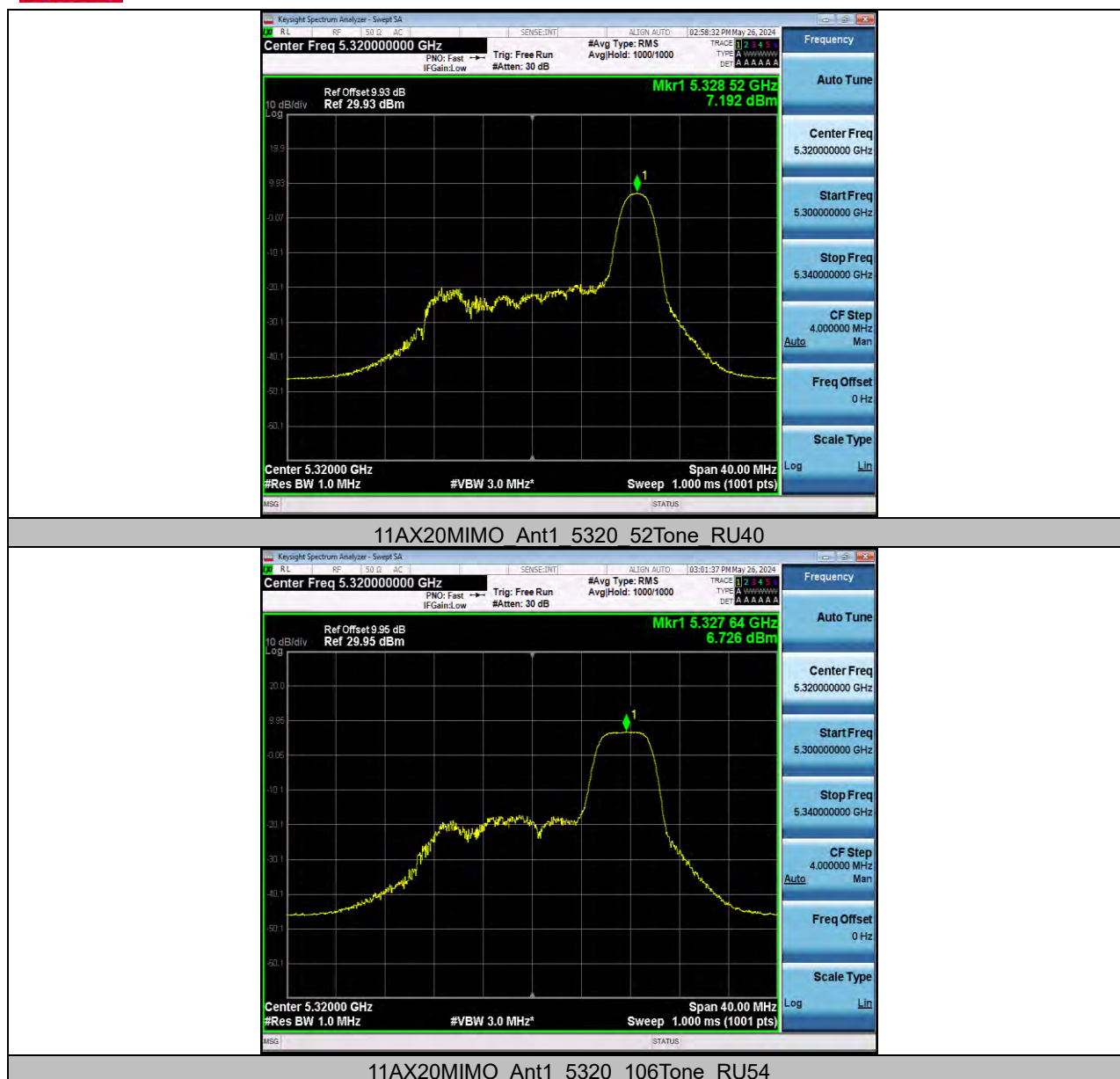






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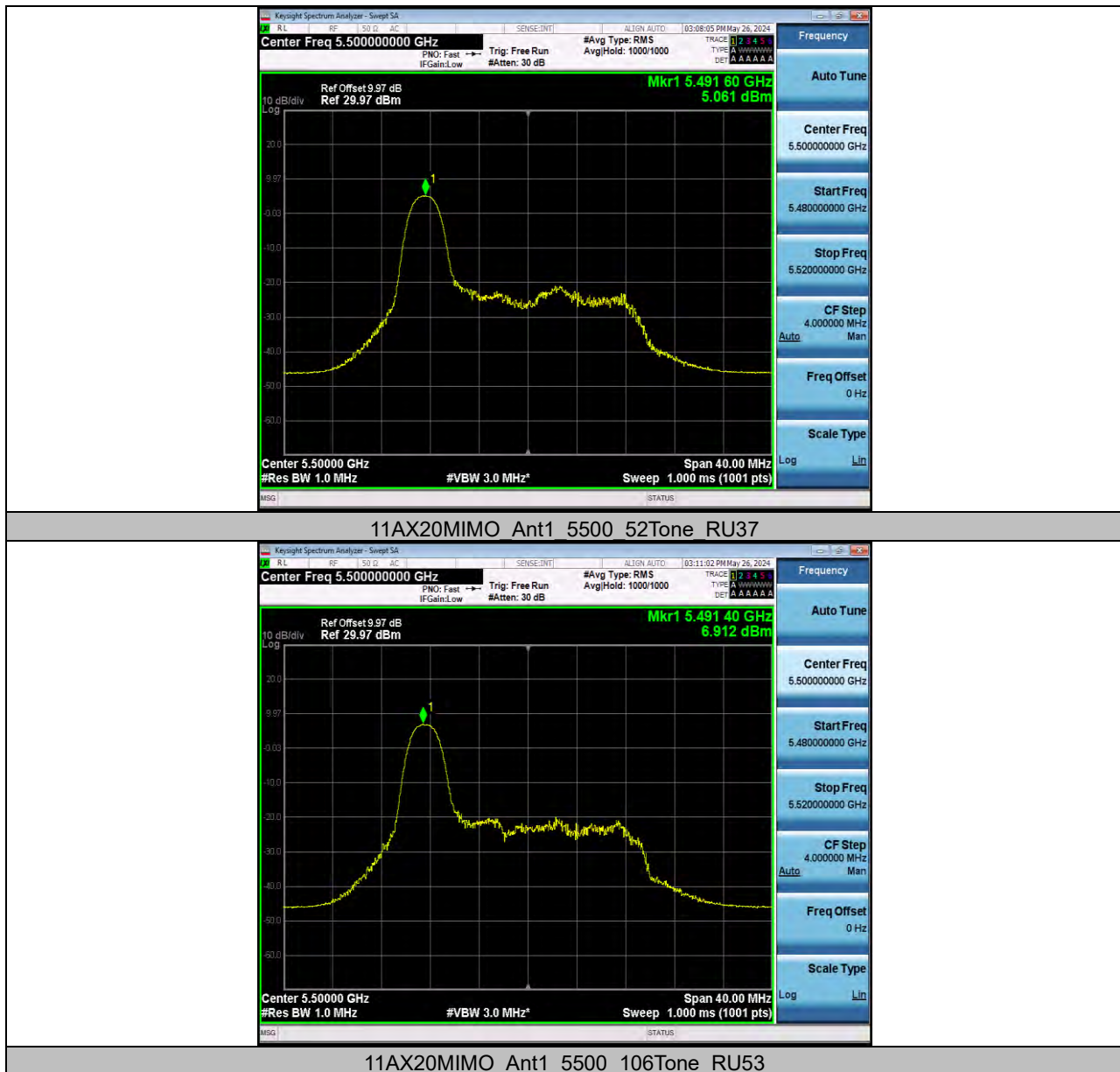




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11AX20MIMO Ant2 5500 26Tone RU0



11AX20MIMO Ant2 5500 52Tone RU37

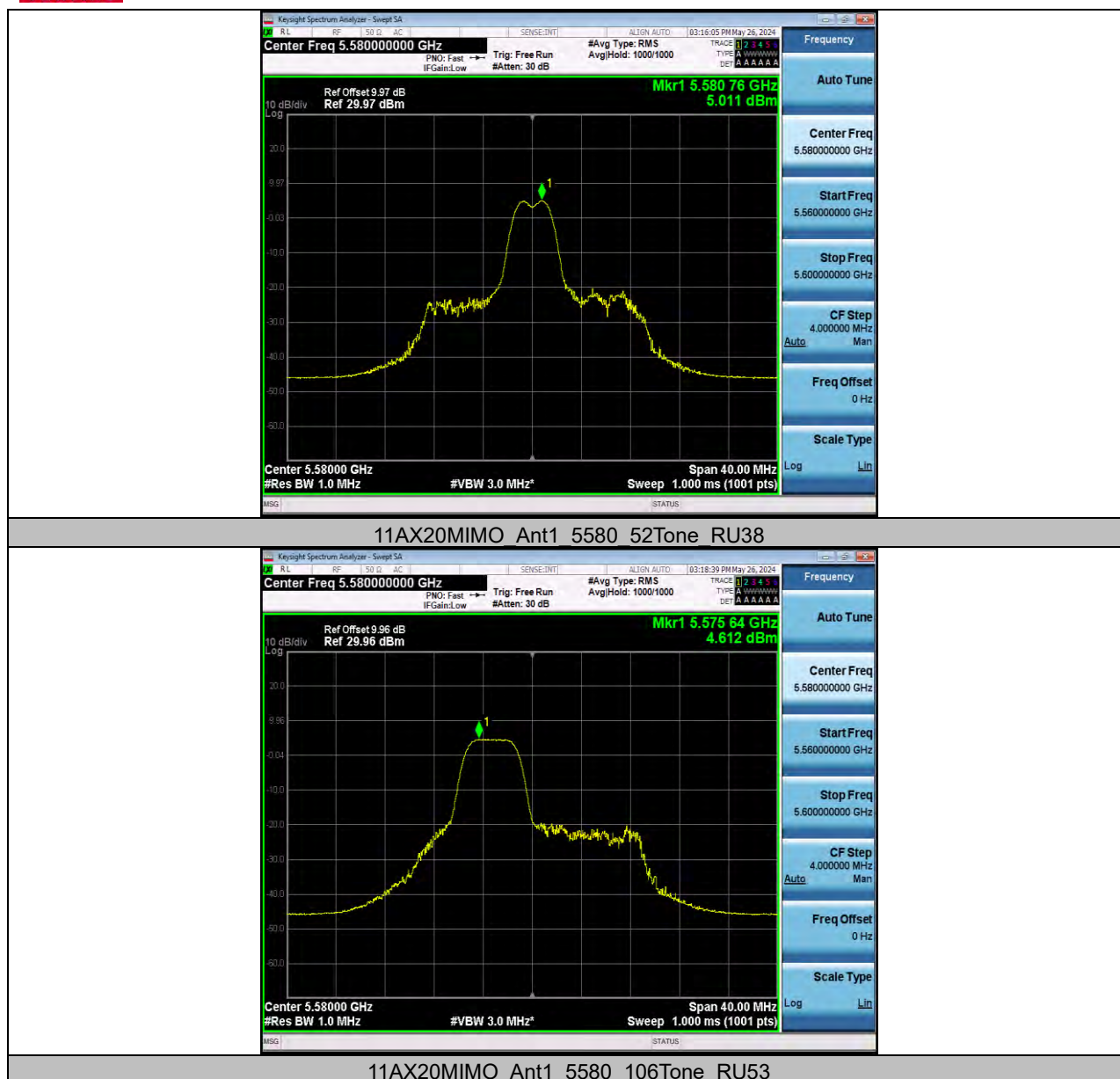


11AX20MIMO Ant2 5500 106Tone RU53



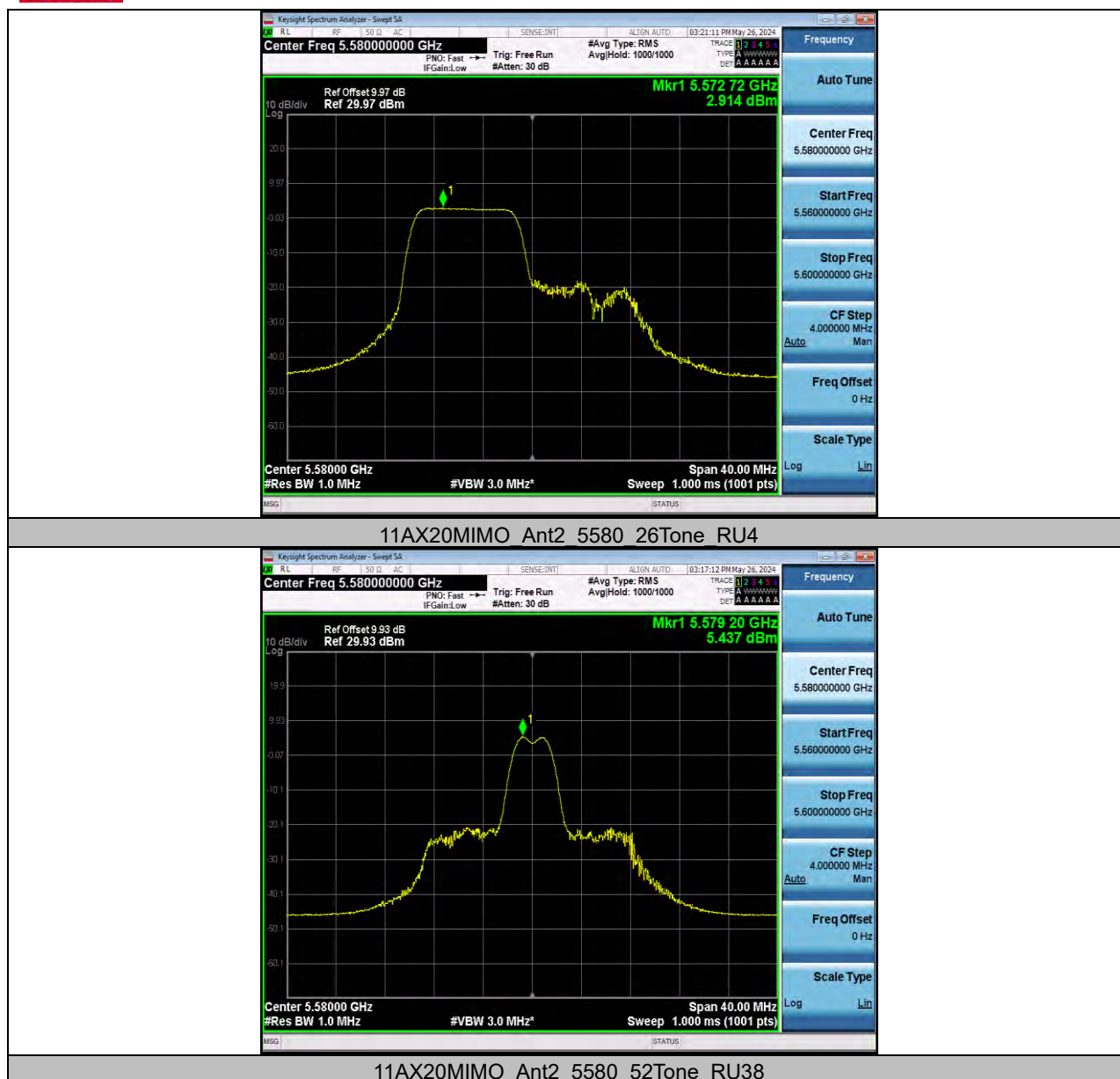
11AX20MIMO Ant1 5580 26Tone RU4

Reference No.: W7L-P24040002RF02

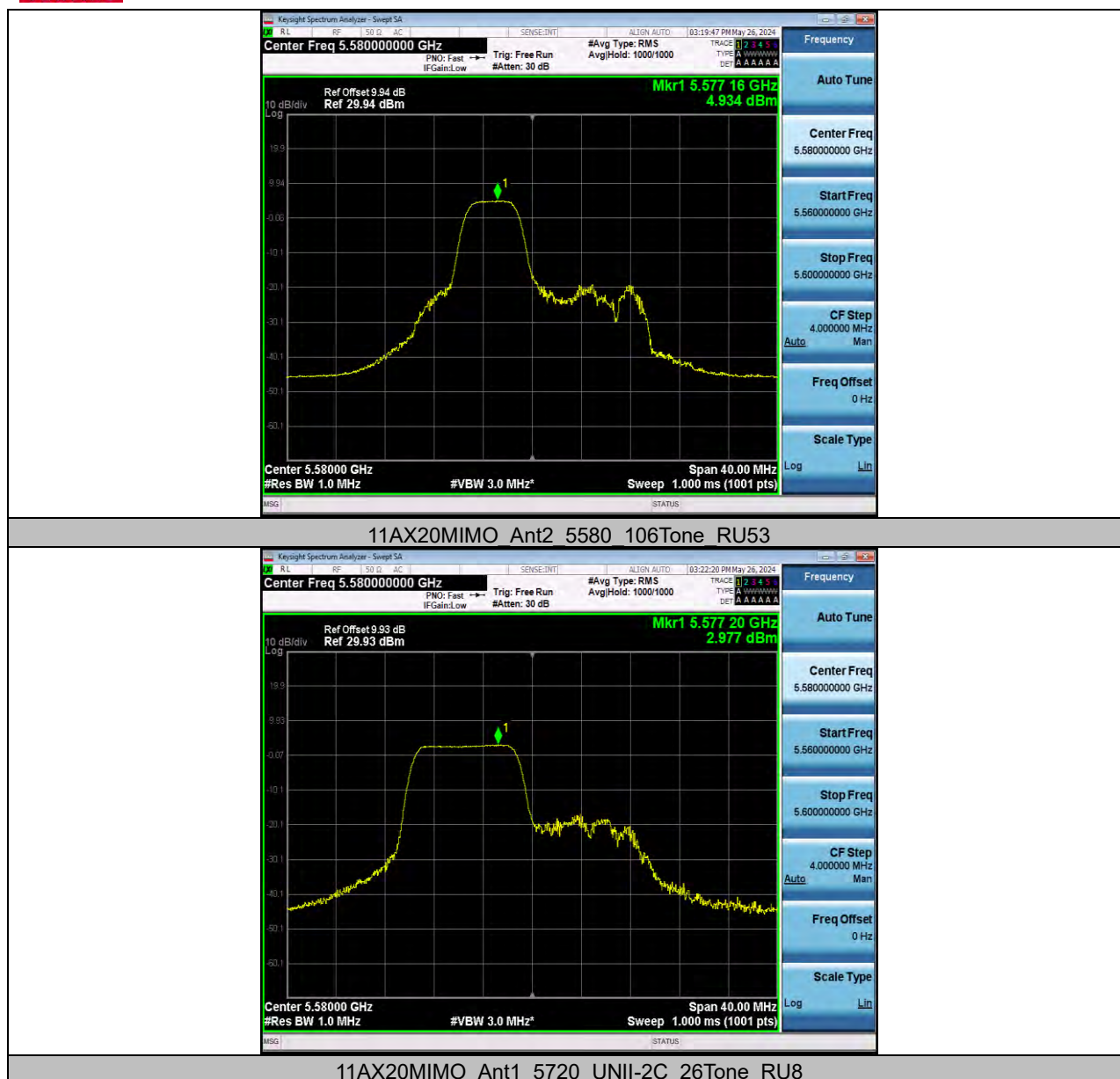


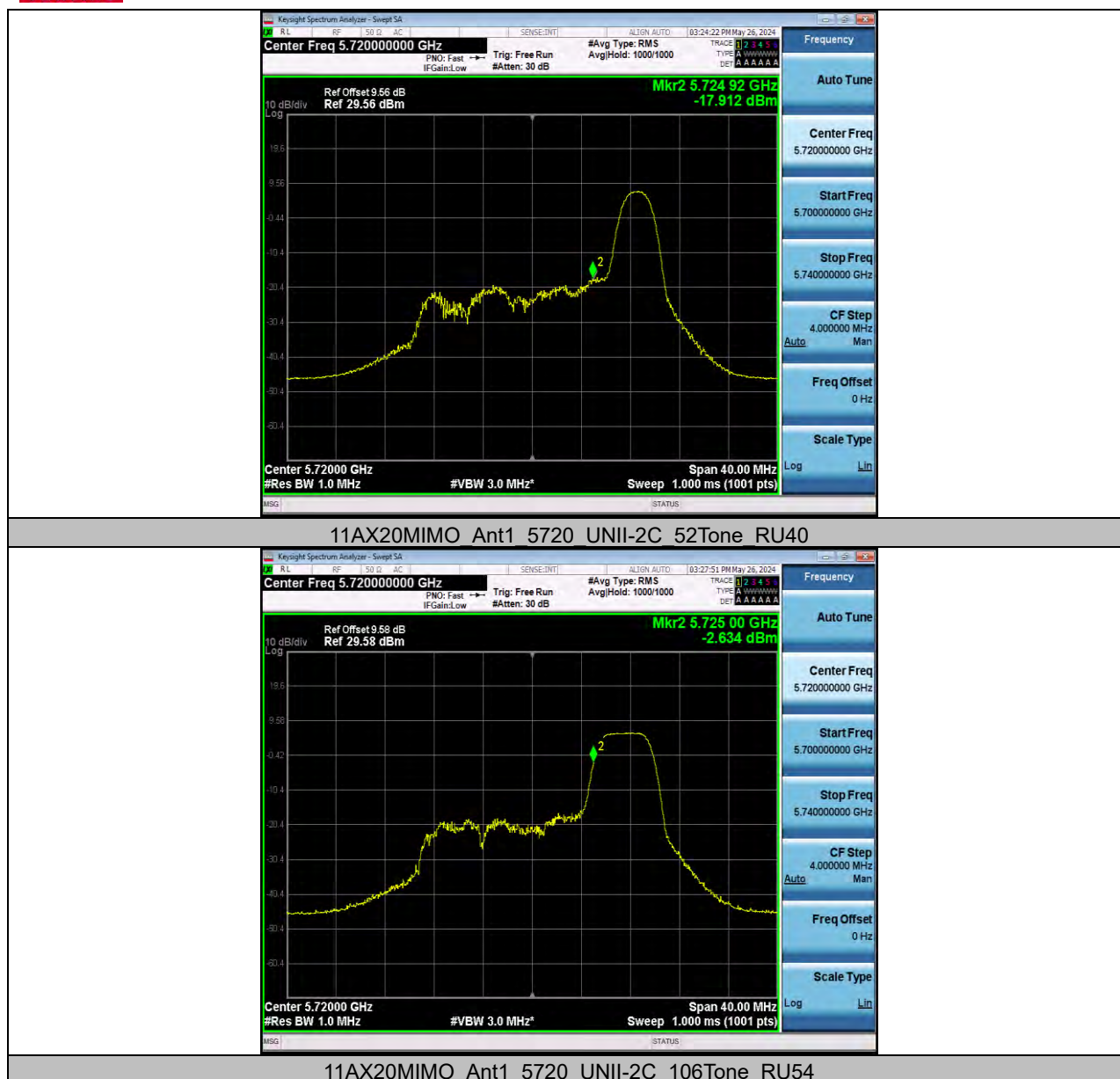


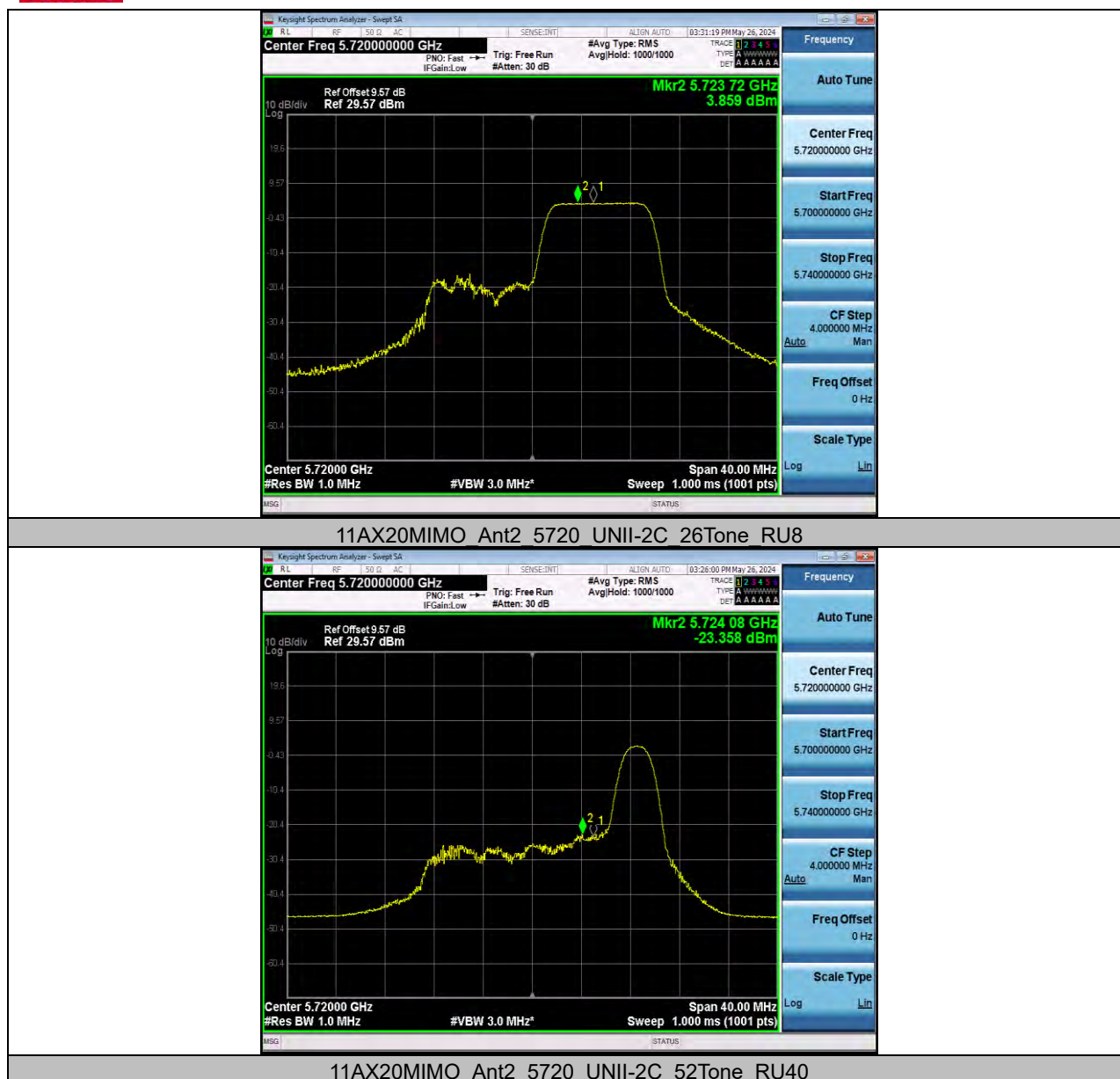
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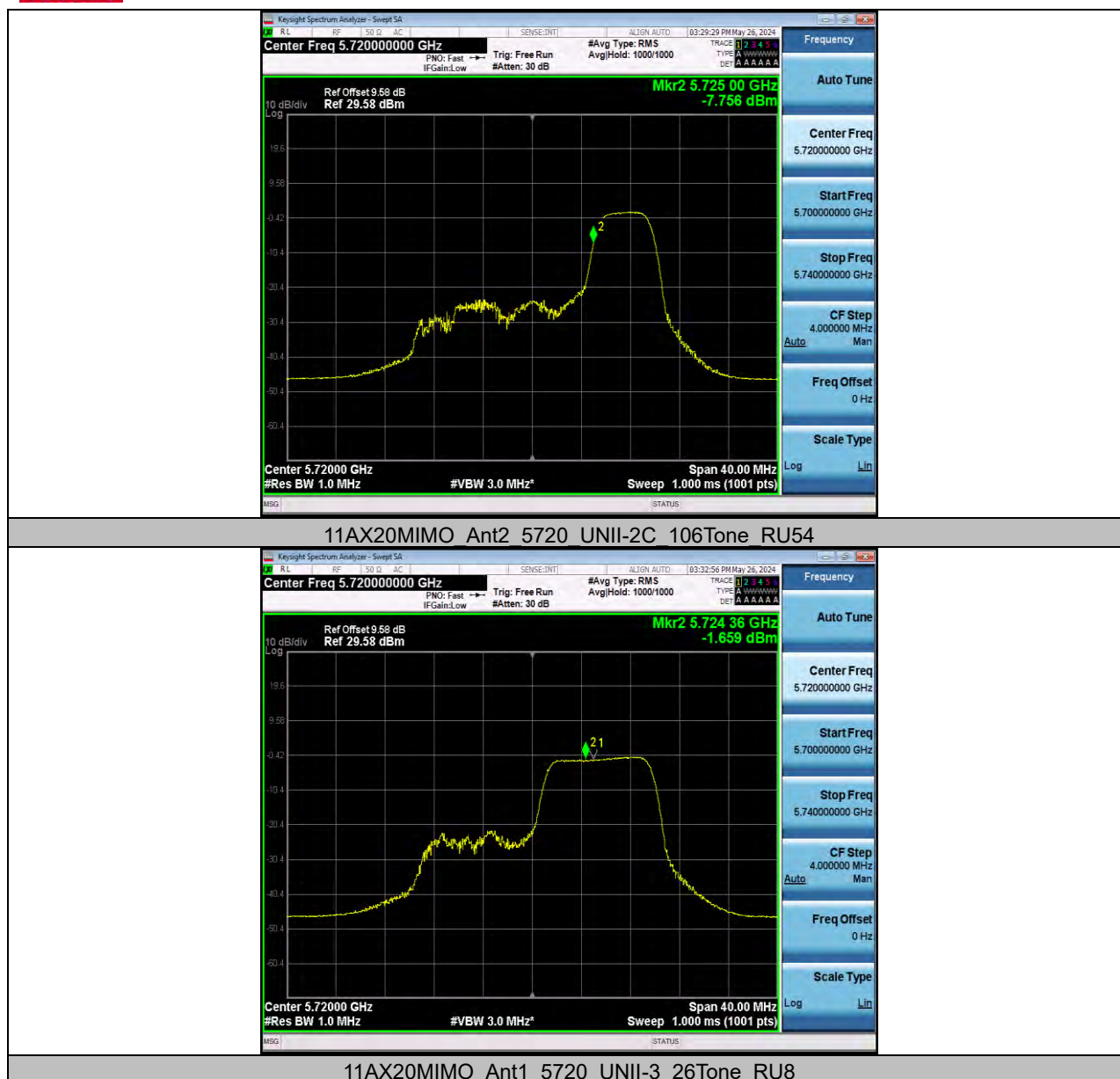
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