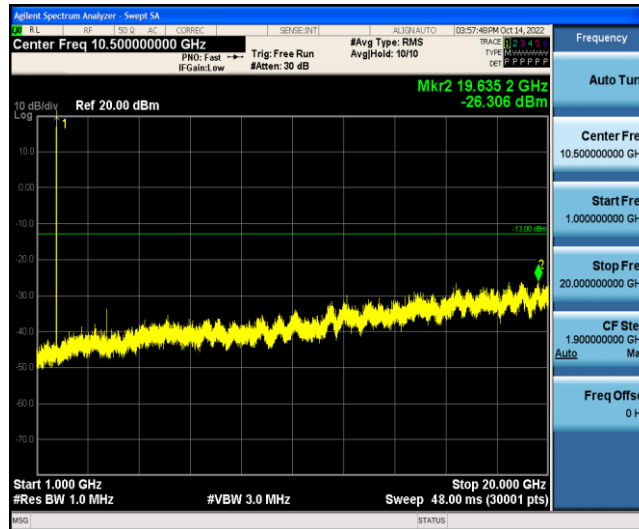
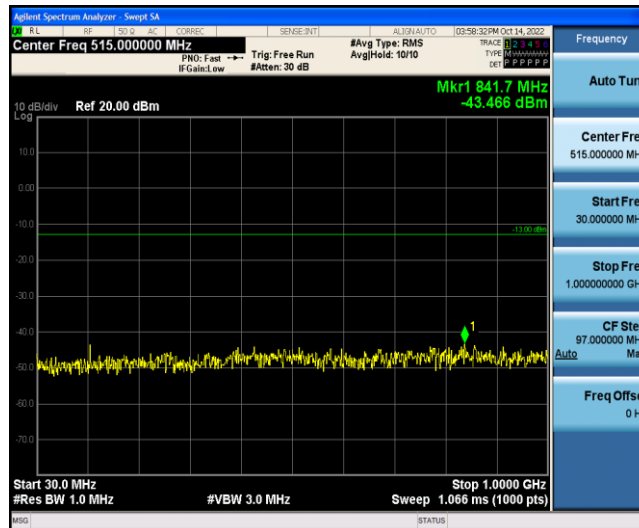
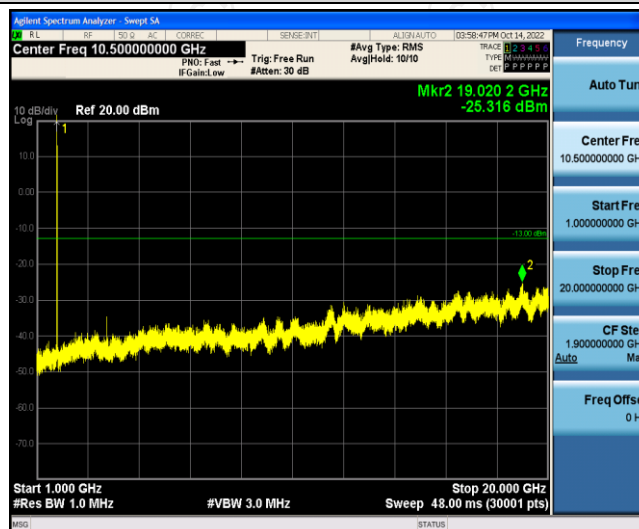




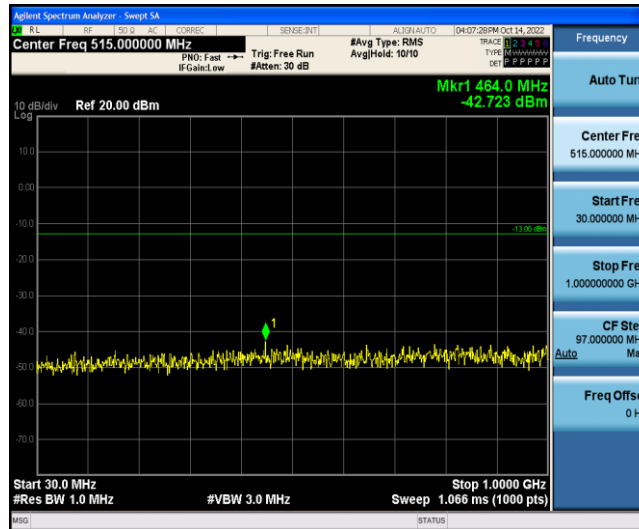
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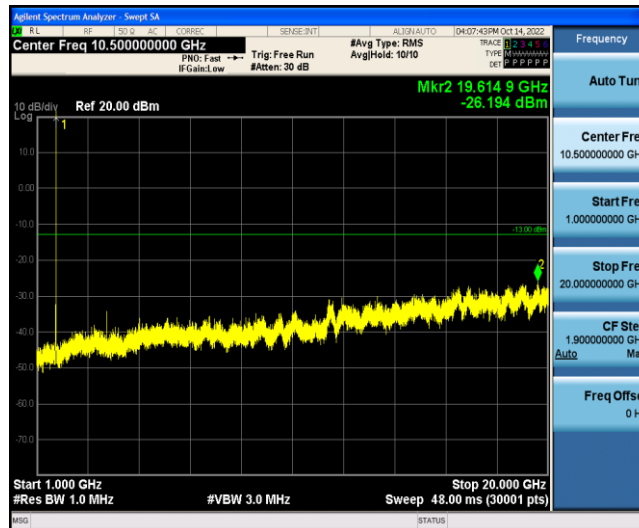
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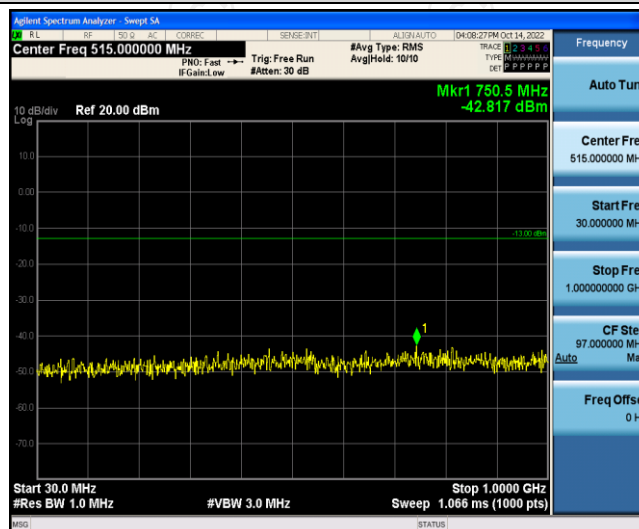
Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz



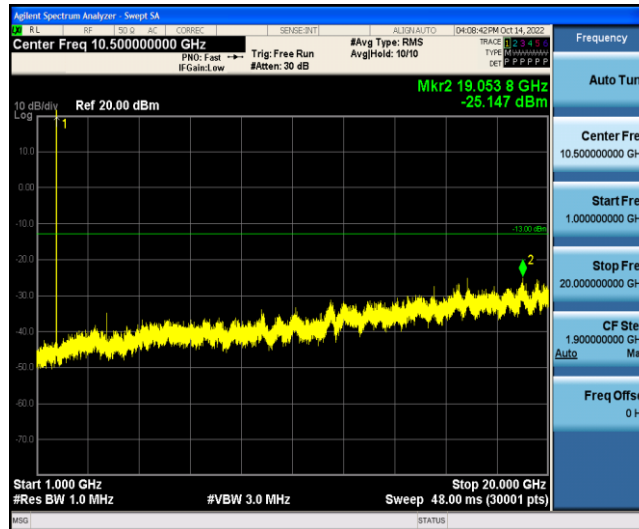
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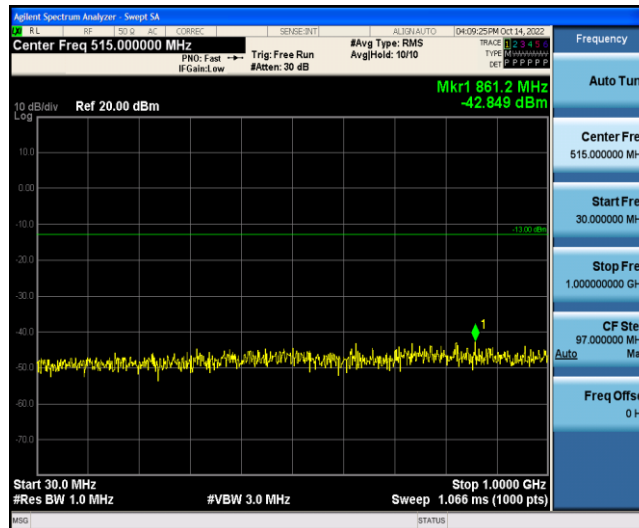
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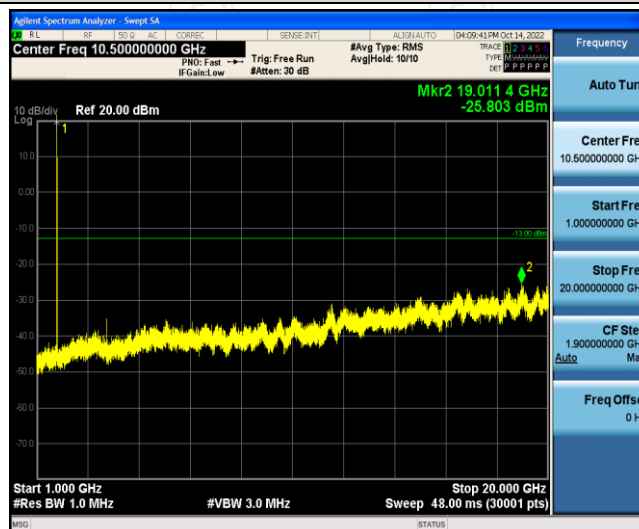
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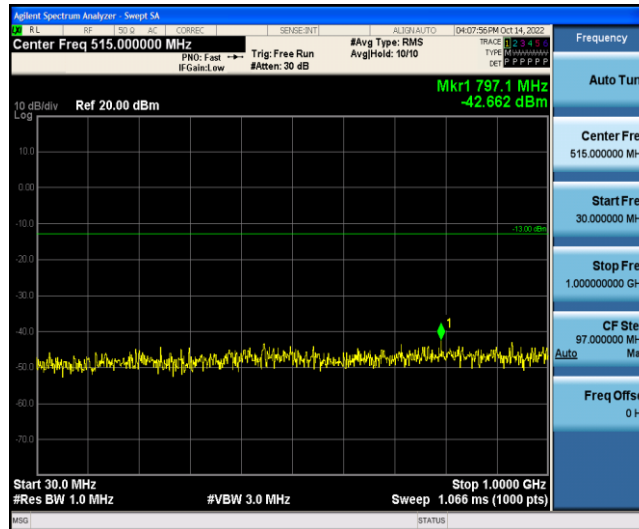
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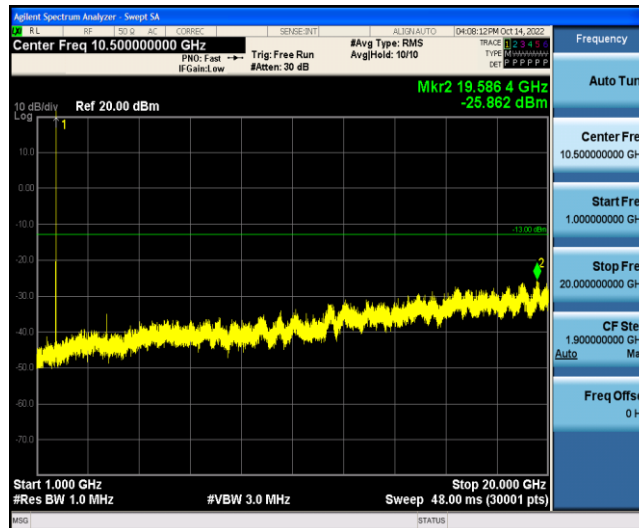
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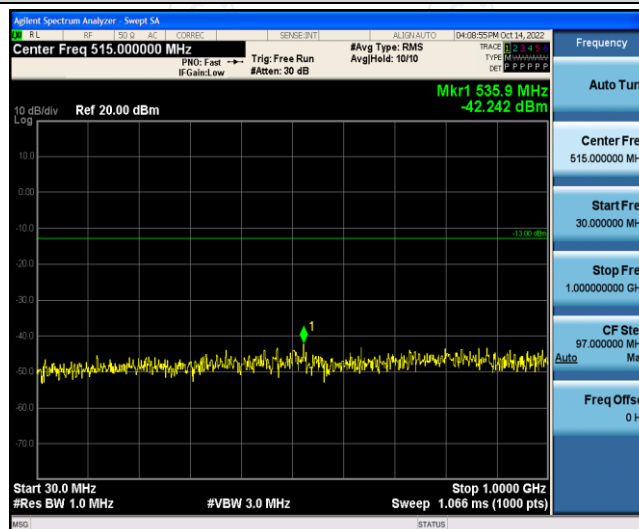
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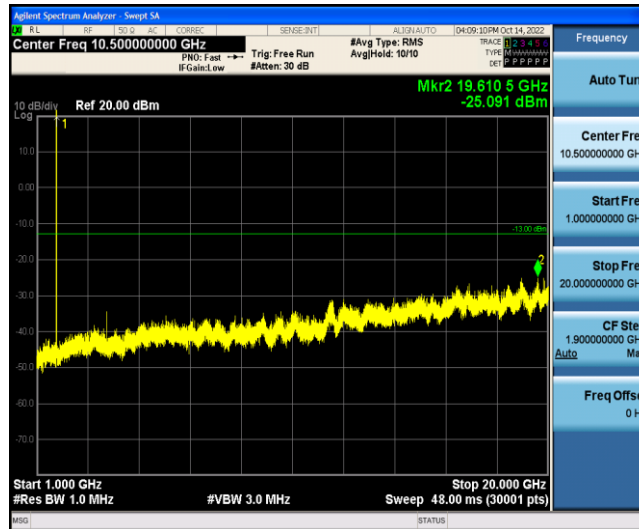
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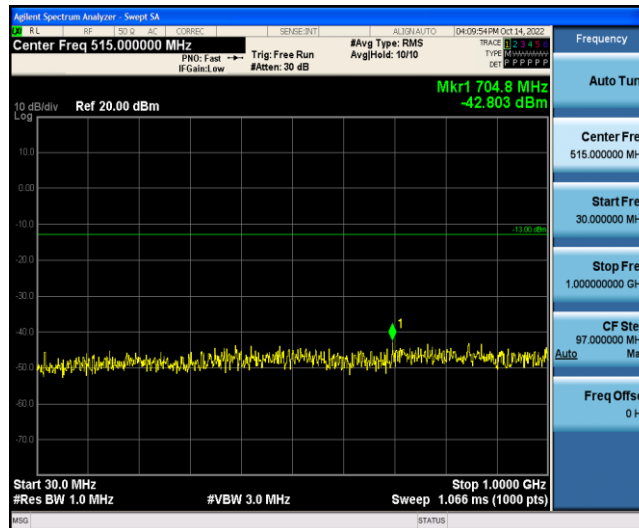
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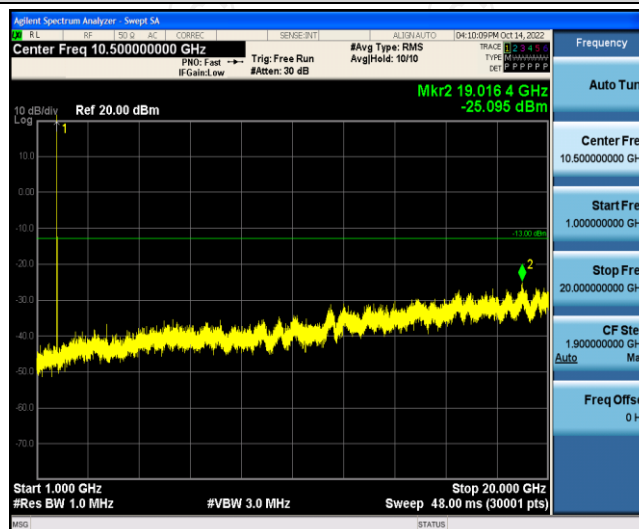
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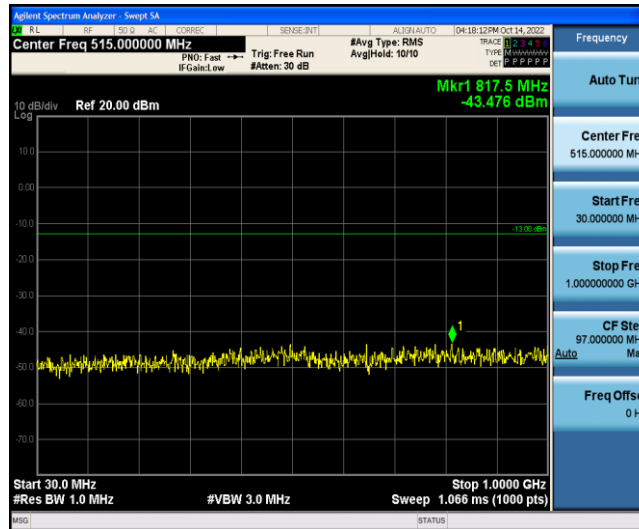
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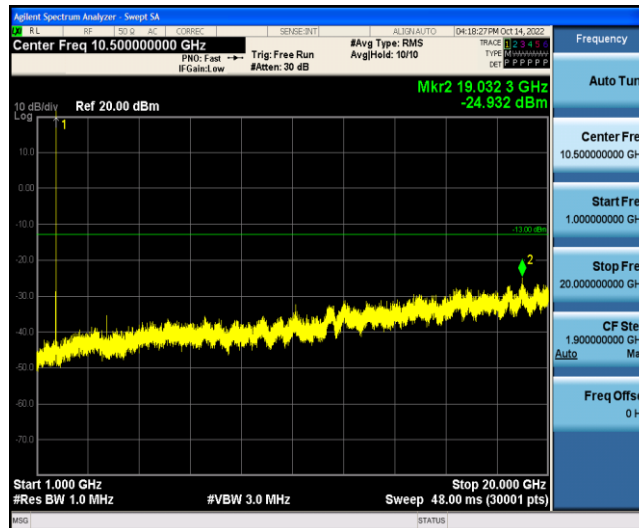
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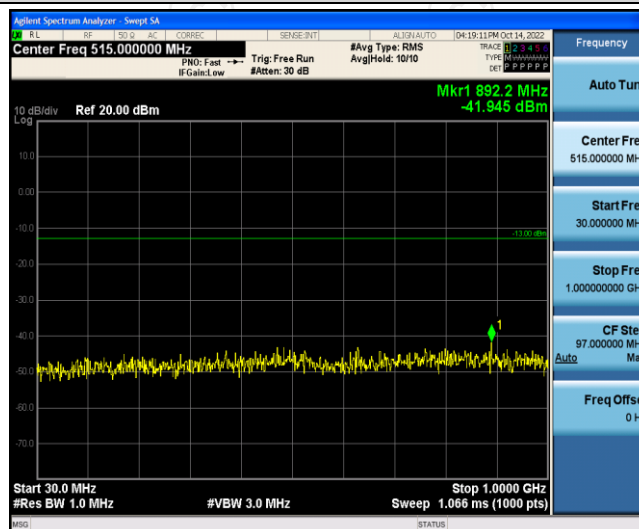
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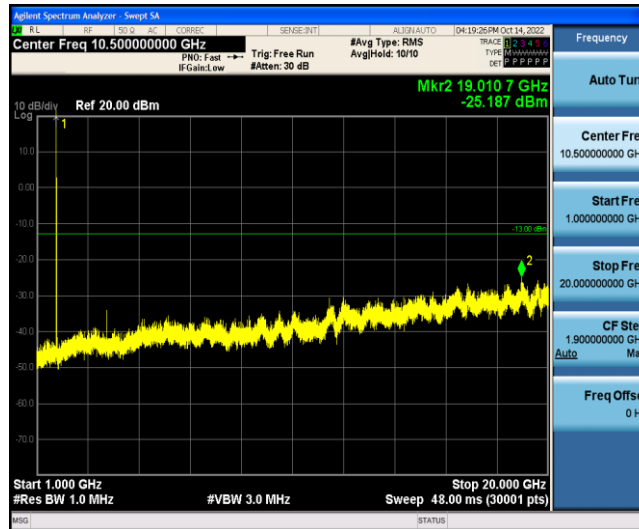
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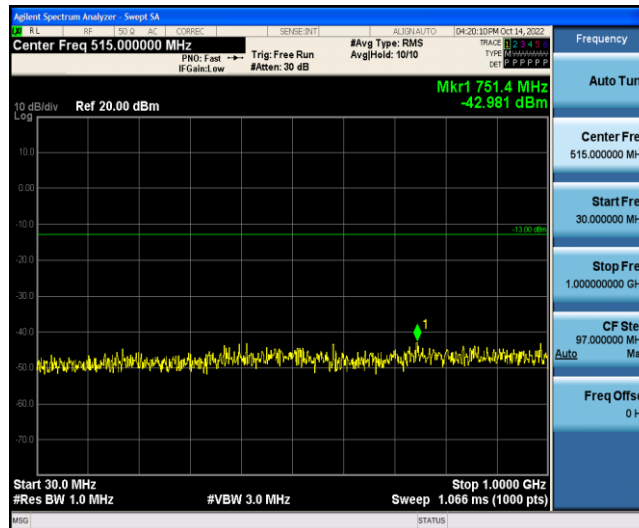
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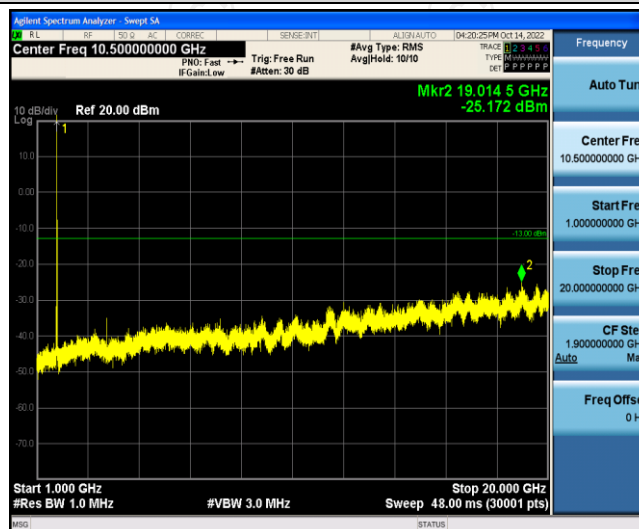
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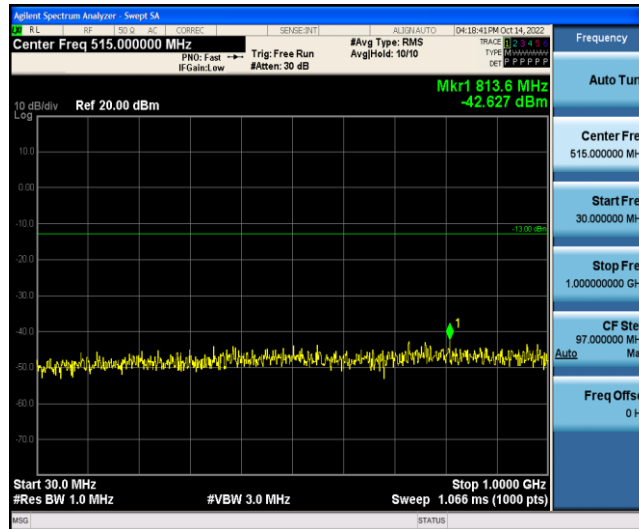
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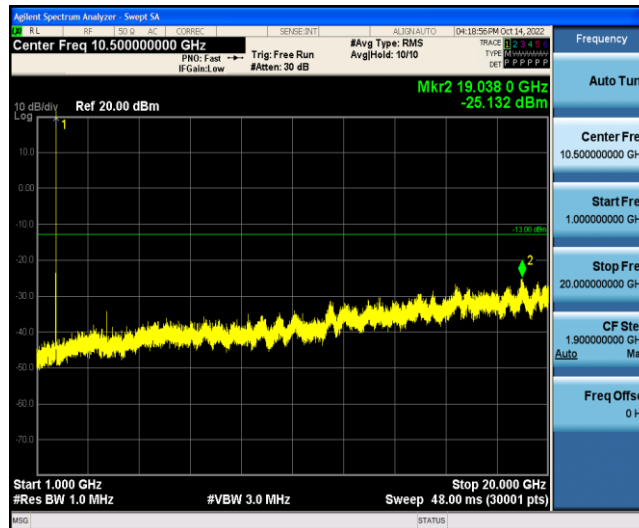
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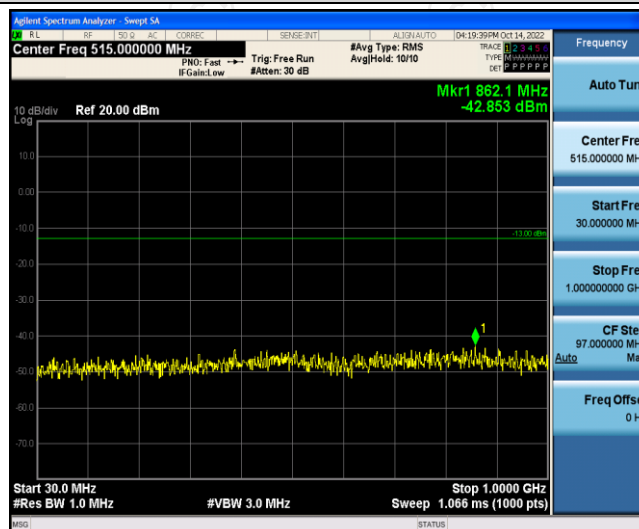
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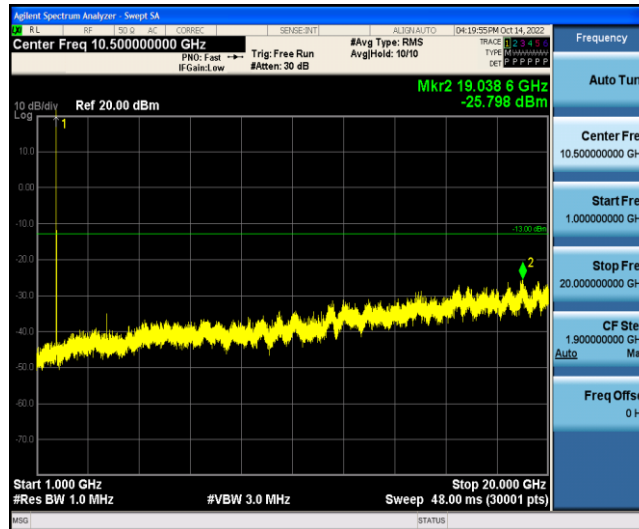
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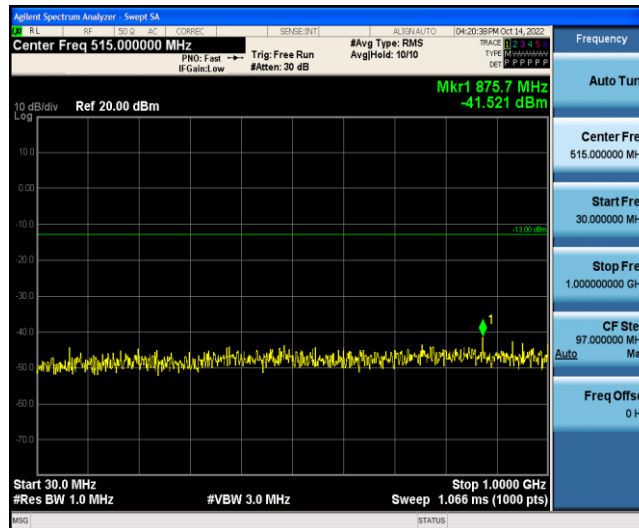
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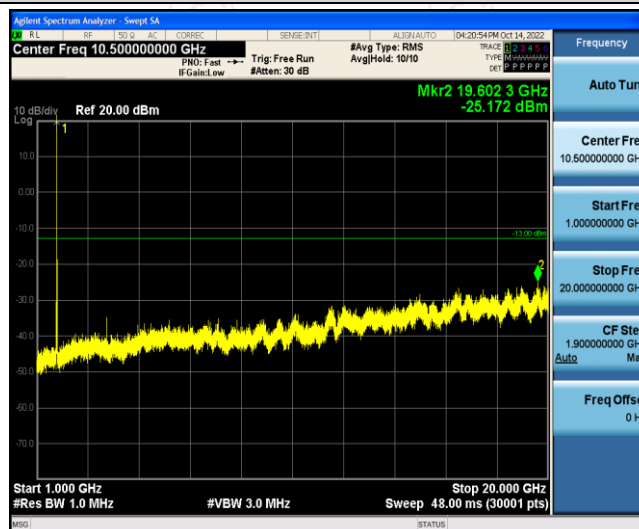
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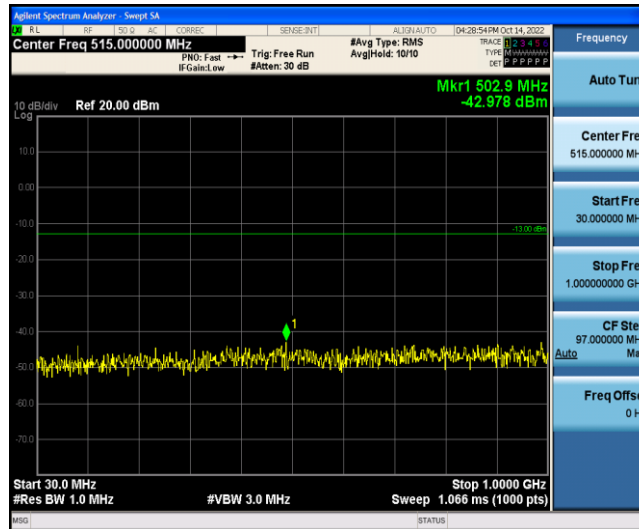
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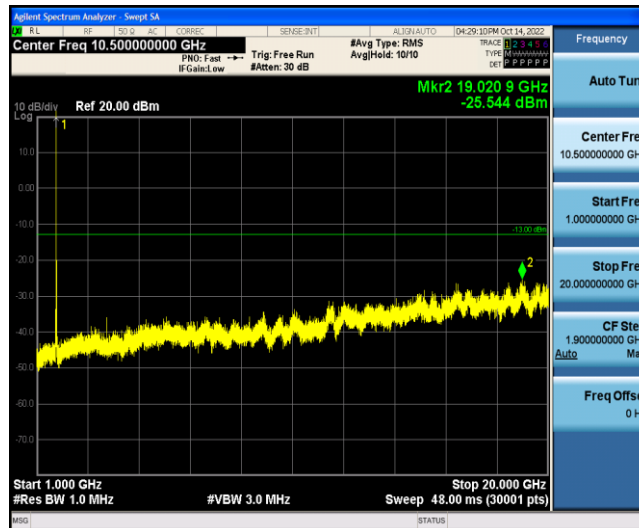
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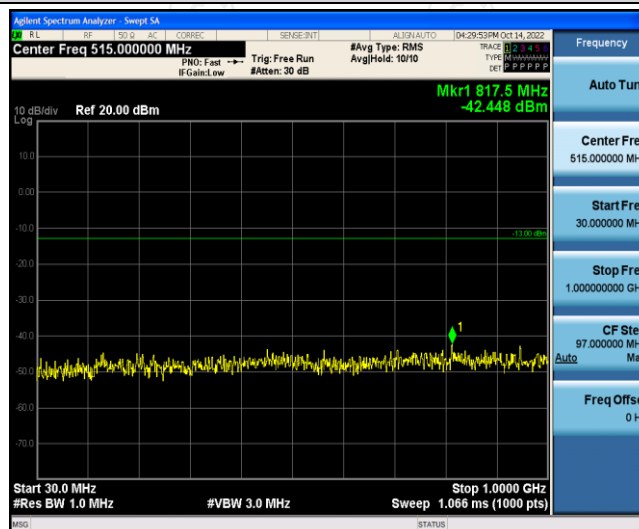
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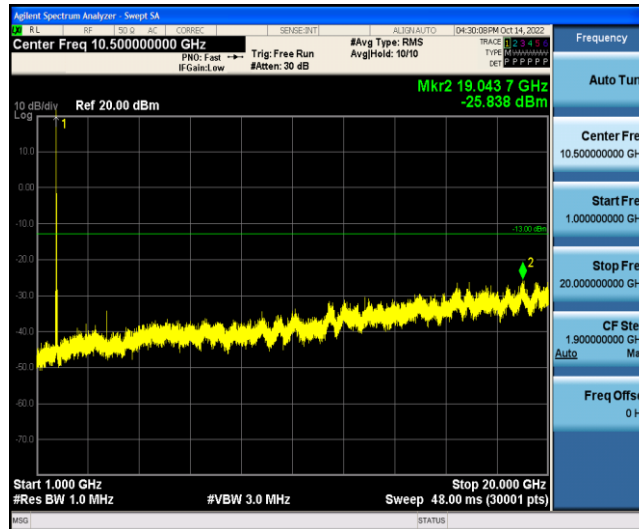
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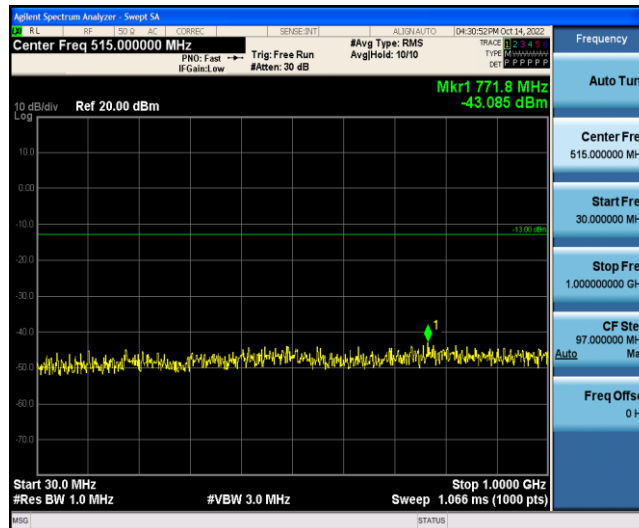
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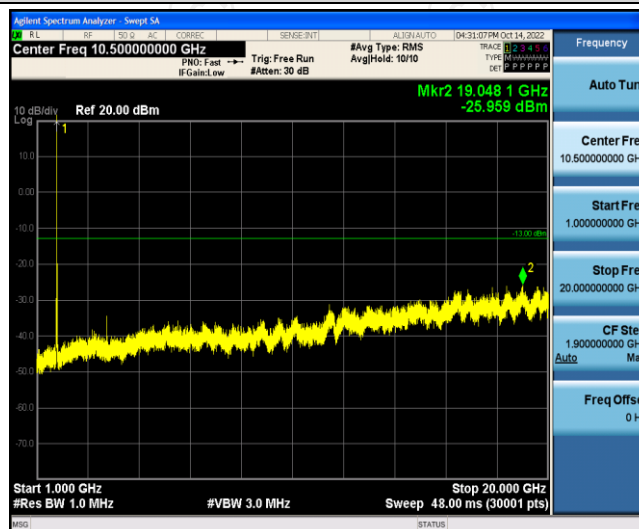
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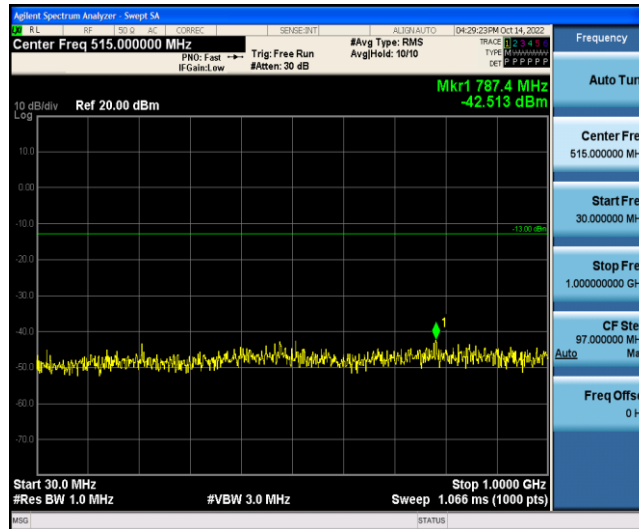
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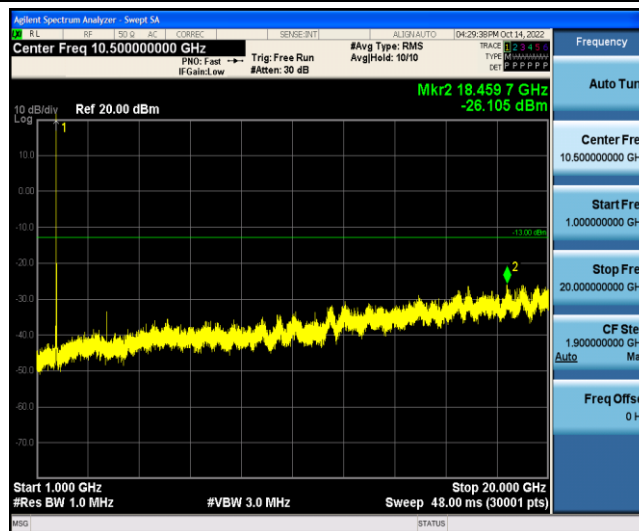
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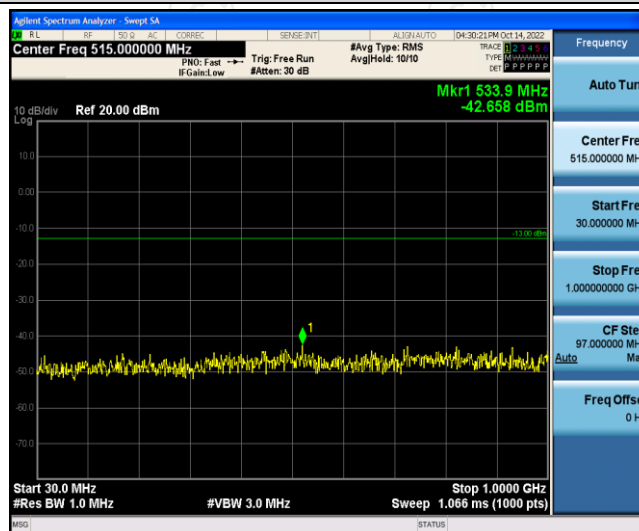
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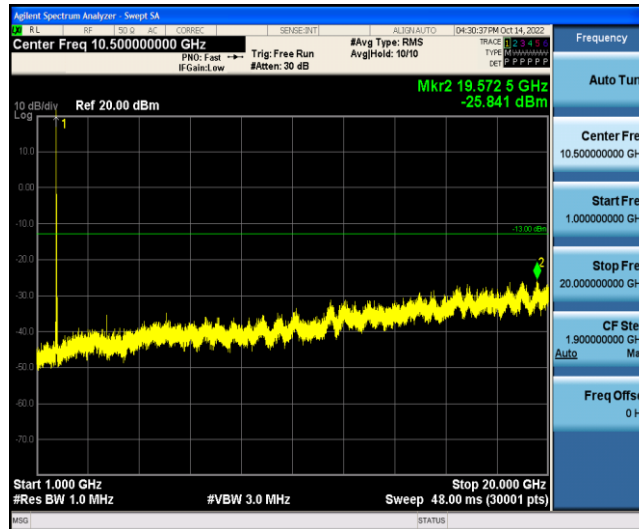
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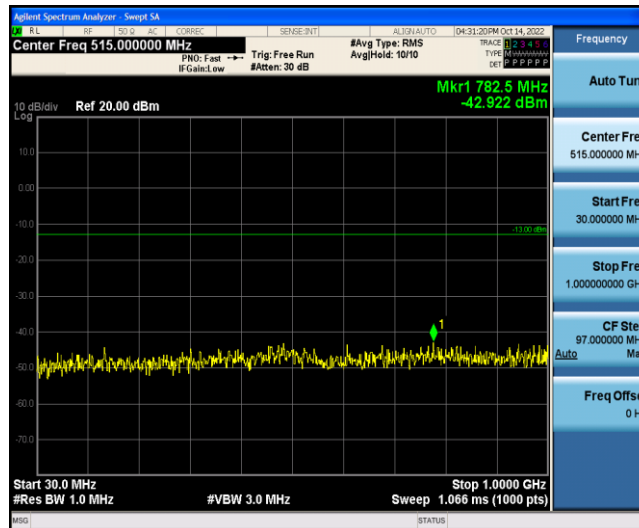
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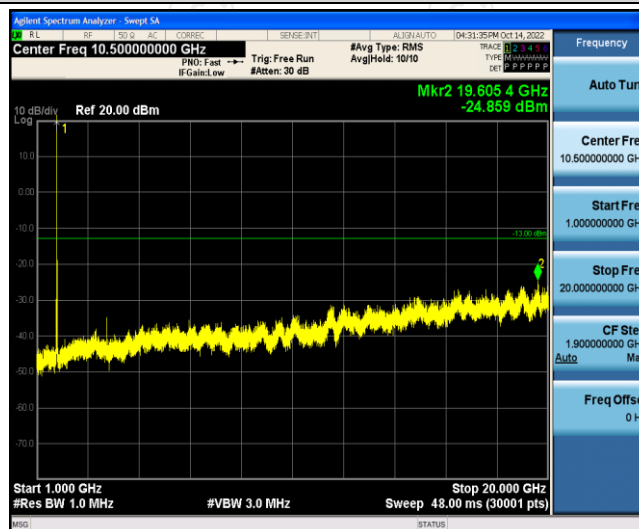
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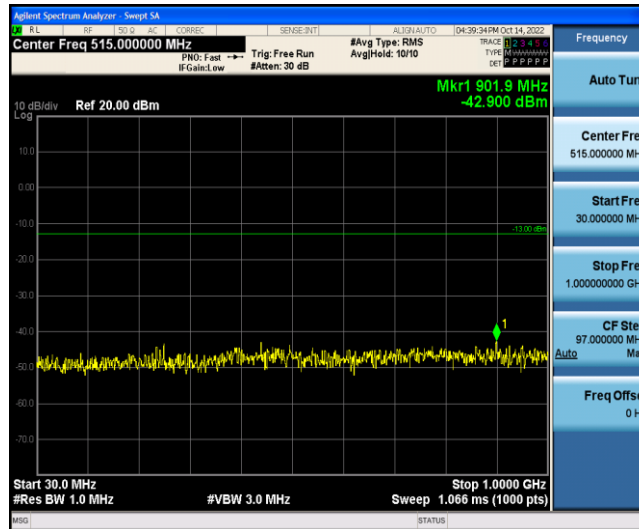
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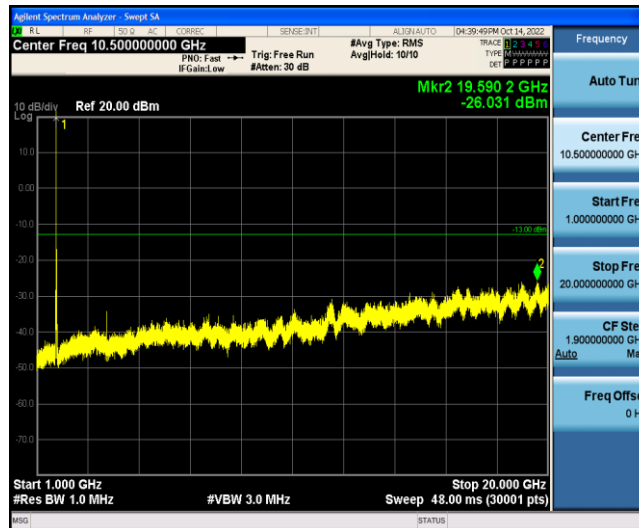
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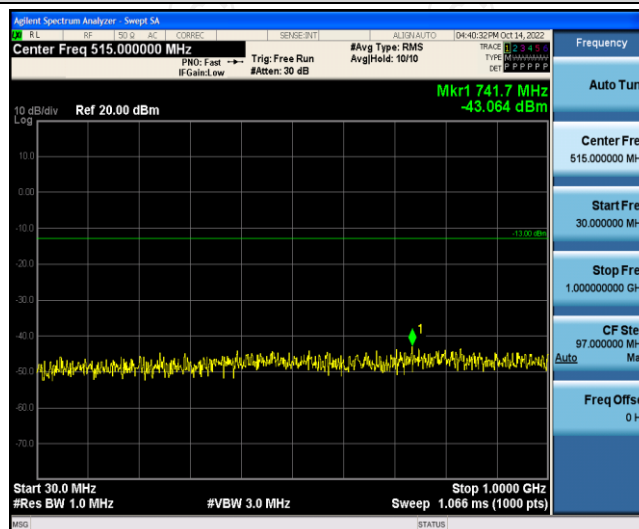
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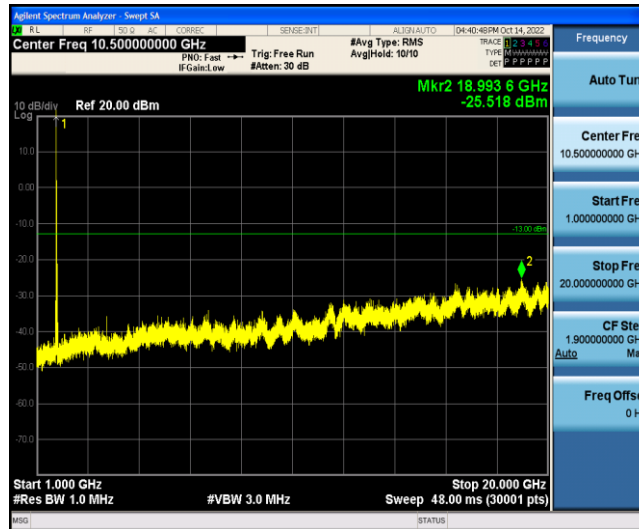
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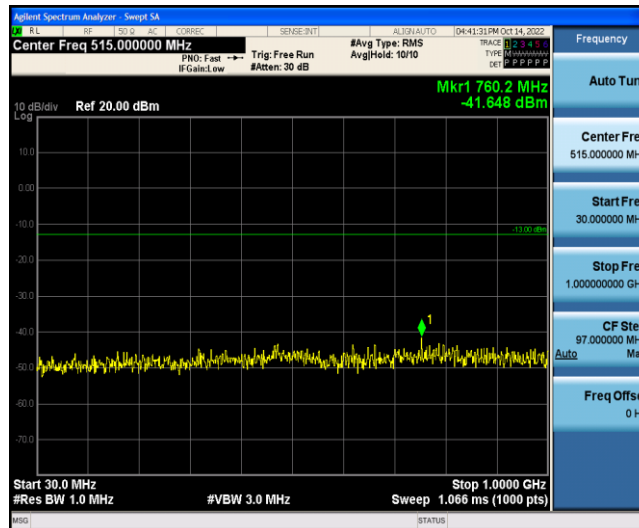
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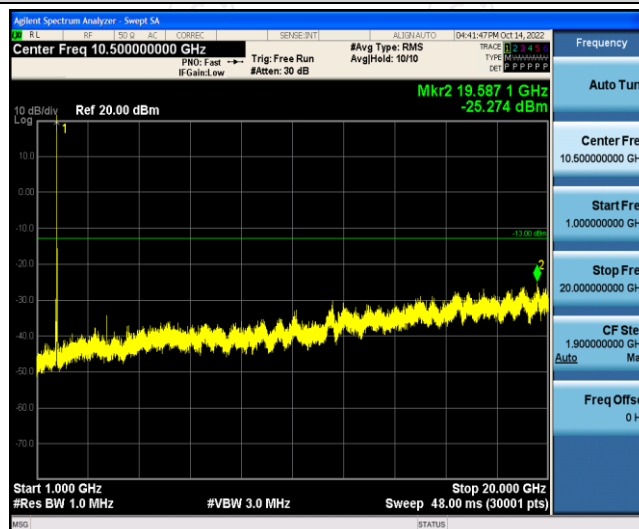
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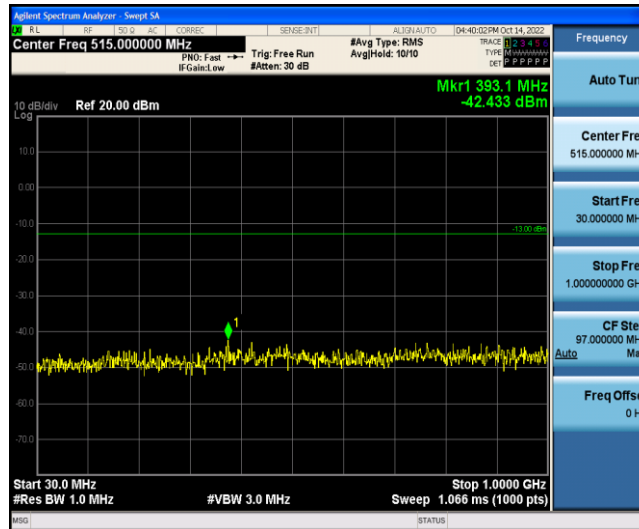
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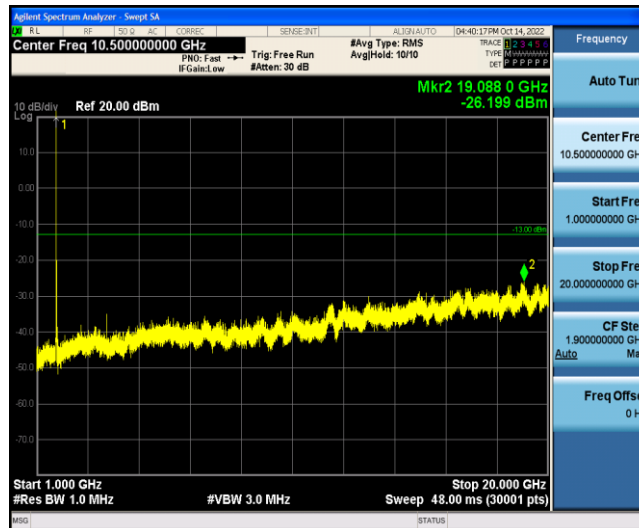
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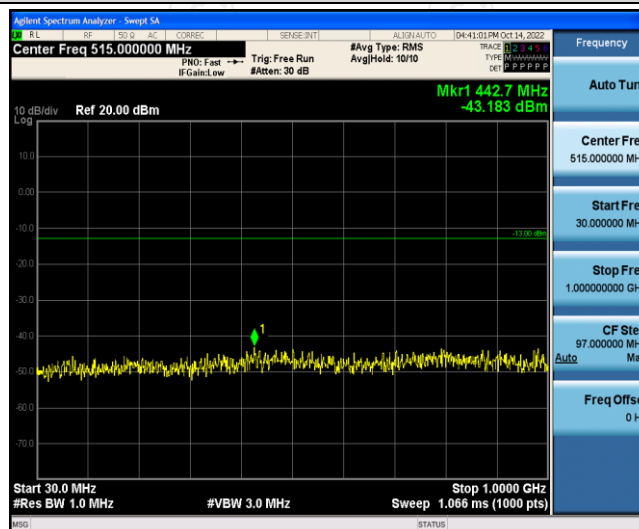
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Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



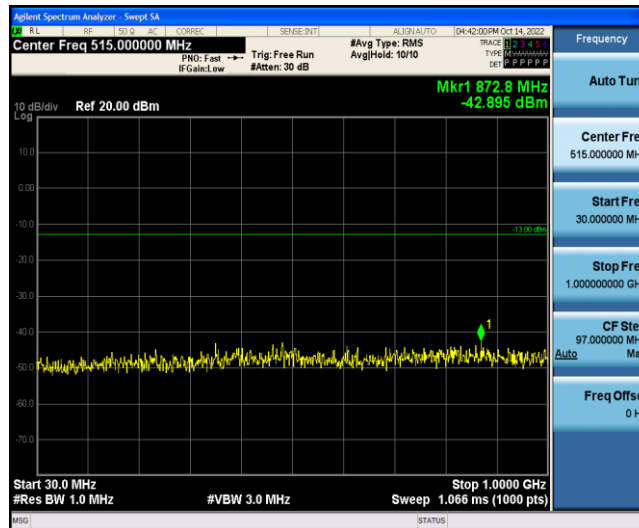
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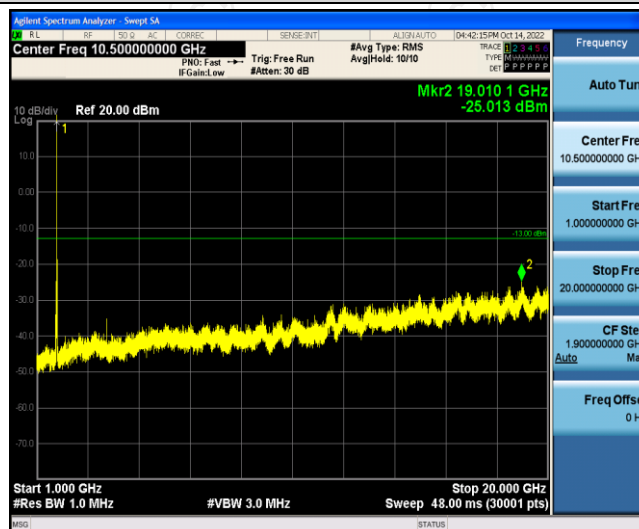
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



## Appendix F: Frequency Stability

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configure | Voltage       |                  | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
|       |           |            |         |              | Voltage [Vdc] | Temperature (°C) |                |                 |             |         |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0        | VL            | NT               | 23.56          | 0.013772        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0        | VN            | NT               | 12.81          | 0.007488        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0        | VH            | NT               | -4.21          | -0.002461       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | VL            | NT               | 37.07          | 0.021397        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | VN            | NT               | 3.72           | 0.002147        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | VH            | NT               | -5.28          | -0.003048       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0        | VL            | NT               | 17.85          | 0.010175        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0        | VN            | NT               | 6.18           | 0.003523        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0        | VH            | NT               | -11.12         | -0.006339       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0        | VL            | NT               | -28.42         | -0.016613       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0        | VN            | NT               | -24.36         | -0.014240       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0        | VH            | NT               | -26.07         | -0.015239       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0        | VL            | NT               | 27.16          | 0.015677        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0        | VN            | NT               | 12.85          | 0.007417        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0        | VH            | NT               | 33.50          | 0.019336        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0        | VL            | NT               | -15.00         | -0.008550       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0        | VN            | NT               | -11.20         | -0.006384       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0        | VH            | NT               | -6.09          | -0.003471       | ±2.5        | PASS    |

| Band  | Bandwidth | Modulation | Channel | RB Configure | Temperature   |                  | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
|       |           |            |         |              | Voltage [Vdc] | Temperature (°C) |                |                 |             |         |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | -30              | 6.32           | 0.003694        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | -20              | -11.99         | -0.007009       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | 0                | -6.79          | -0.003969       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | 10               | -13.23         | -0.007734       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0        | NV            | 20               | -19.35         | -0.011311       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | -30              | 14.90          | 0.008600        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | -20              | 27.95          | 0.016133        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | 0                | 3.28           | 0.001893        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | 10               | 21.54          | 0.012433        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | NV            | 20               | 37.66          | 0.021737        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0        | NV            | -30              | -23.58         | -0.013441       | ±2.5        | PASS    |

|       |        |       |       |       |    |     |        |           |      |      |
|-------|--------|-------|-------|-------|----|-----|--------|-----------|------|------|
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0 | NV | -20 | -7.26  | -0.004138 | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0 | NV | 0   | -25.93 | -0.014781 | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0 | NV | 10  | -21.09 | -0.012022 | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0 | NV | 20  | -49.54 | -0.028239 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | NV | -30 | -18.89 | -0.011042 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | NV | -20 | -9.34  | -0.005460 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | NV | 0   | -6.91  | -0.004039 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | NV | 10  | 12.30  | 0.007190  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | NV | 20  | 22.15  | 0.012948  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | NV | -30 | 11.18  | 0.006453  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | NV | -20 | 21.49  | 0.012404  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | NV | 0   | 31.95  | 0.018442  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | NV | 10  | 41.82  | 0.024139  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | NV | 20  | 14.73  | 0.008502  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | NV | -30 | -14.16 | -0.008072 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | NV | -20 | -30.96 | -0.017648 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | NV | 0   | -26.16 | -0.014912 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | NV | 10  | -27.22 | -0.015516 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | NV | 20  | -25.85 | -0.014735 | ±2.5 | PASS |