

|       |       |       |       |       |            |        |      |
|-------|-------|-------|-------|-------|------------|--------|------|
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#0 | 3000~20000 | -47.31 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0 | 0.009~0.15 | -60.80 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0 | 0.15~30    | -57.86 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0 | 30~1000    | -66.10 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0 | 1000~3000  | -49.42 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#0 | 3000~20000 | -47.37 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0 | 0.009~0.15 | -58.55 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0 | 0.15~30    | -55.57 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0 | 30~1000    | -66.31 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0 | 1000~3000  | -50.07 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0 | 3000~20000 | -46.91 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0 | 0.009~0.15 | -60.83 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0 | 0.15~30    | -58.29 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0 | 30~1000    | -65.97 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0 | 1000~3000  | -51.81 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0 | 3000~20000 | -44.67 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 0.009~0.15 | -58.65 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 0.15~30    | -57.46 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 30~1000    | -66.23 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 1000~3000  | -52.20 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 3000~20000 | -47.50 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0 | 0.009~0.15 | -61.85 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0 | 0.15~30    | -57.29 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0 | 30~1000    | -66.31 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0 | 1000~3000  | -48.21 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0 | 3000~20000 | -47.33 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 0.009~0.15 | -60.86 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 0.15~30    | -58.98 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 30~1000    | -66.17 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 1000~3000  | -52.06 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 3000~20000 | -47.08 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0 | 0.009~0.15 | -64.29 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0 | 0.15~30    | -56.75 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0 | 30~1000    | -66.18 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0 | 1000~3000  | -51.52 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0 | 3000~20000 | -47.15 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 0.009~0.15 | -60.95 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 0.15~30    | -56.19 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 30~1000    | -66.32 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 1000~3000  | -51.53 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 3000~20000 | -47.32 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | 0.009~0.15 | -58.91 | PASS |

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|       |       |       |       |       |            |        |      |
|-------|-------|-------|-------|-------|------------|--------|------|
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | 0.15~30    | -55.44 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | 30~1000    | -65.95 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | 1000~3000  | -51.90 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0 | 3000~20000 | -46.57 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 0.009~0.15 | -57.74 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 0.15~30    | -57.84 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 30~1000    | -66.06 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 1000~3000  | -52.28 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 3000~20000 | -45.44 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | 0.009~0.15 | -61.02 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | 0.15~30    | -57.20 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | 30~1000    | -66.08 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | 1000~3000  | -51.99 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0 | 3000~20000 | -47.13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 0.009~0.15 | -61.05 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 0.15~30    | -57.91 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 30~1000    | -66.08 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 1000~3000  | -51.96 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 3000~20000 | -47.71 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | 0.009~0.15 | -62.39 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | 0.15~30    | -56.63 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | 30~1000    | -66.09 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | 1000~3000  | -52.21 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0 | 3000~20000 | -47.52 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 0.009~0.15 | -61.68 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 0.15~30    | -59.01 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 30~1000    | -66.21 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 1000~3000  | -51.75 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 3000~20000 | -47.39 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | 0.009~0.15 | -59.84 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | 0.15~30    | -55.25 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | 30~1000    | -65.96 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | 1000~3000  | -52.27 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0 | 3000~20000 | -46.27 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 0.009~0.15 | -61.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 0.15~30    | -57.11 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 30~1000    | -66.06 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 1000~3000  | -52.29 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 3000~20000 | -46.02 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | 0.009~0.15 | -59.29 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | 0.15~30    | -57.85 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | 30~1000    | -66.03 | PASS |

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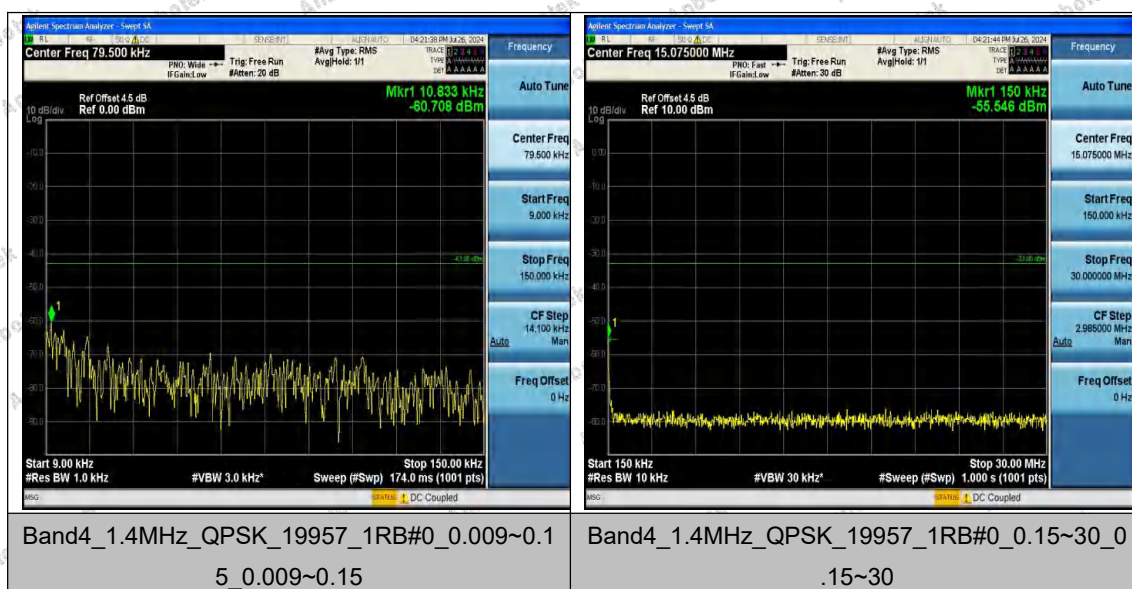
Hotline  
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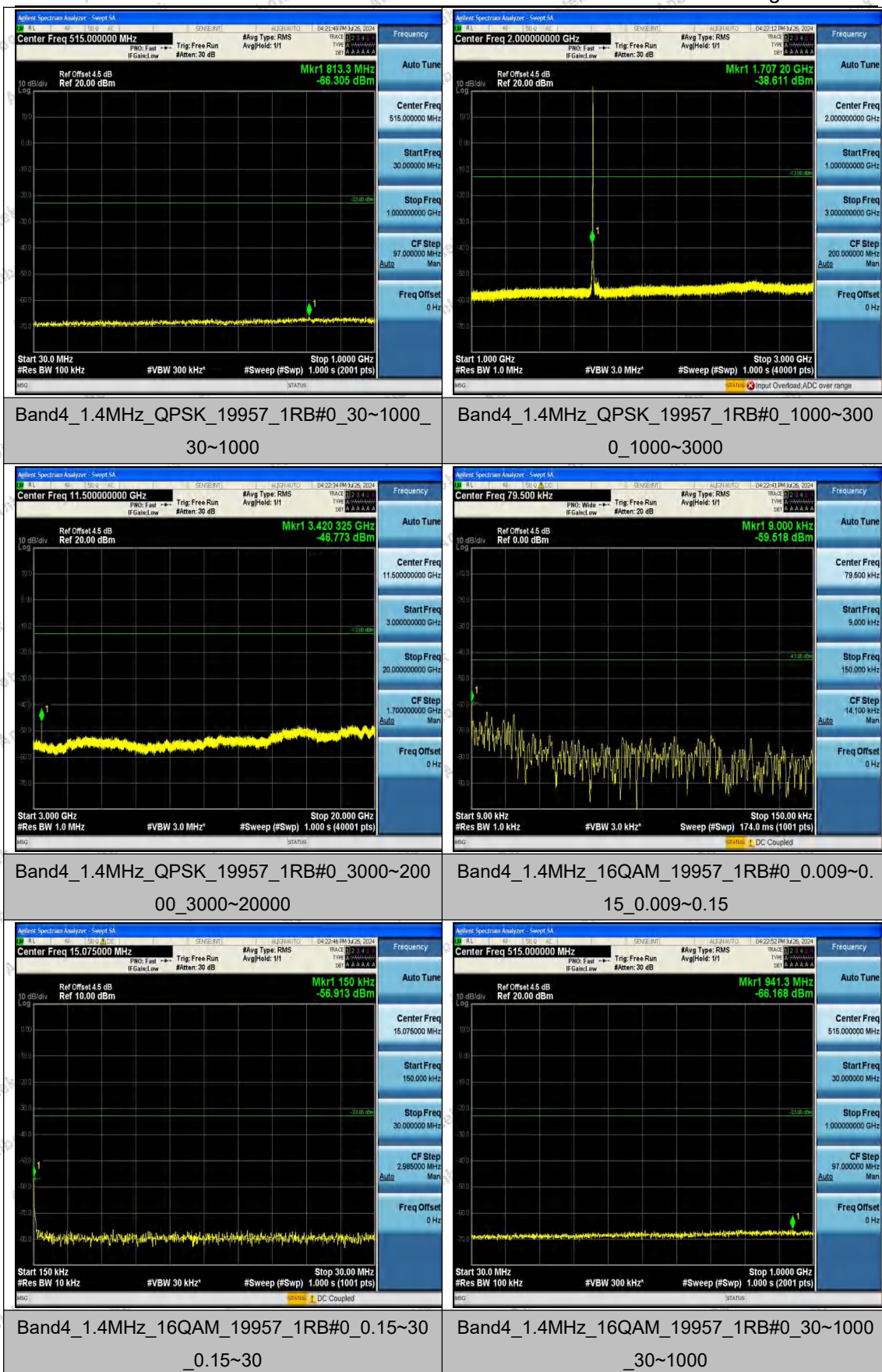
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|       |       |       |       |       |            |        |      |
|-------|-------|-------|-------|-------|------------|--------|------|
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | 1000~3000  | -52.28 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0 | 3000~20000 | -47.40 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 0.009~0.15 | -59.42 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 0.15~30    | -58.35 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 30~1000    | -66.29 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 1000~3000  | -51.98 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 3000~20000 | -46.89 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | 0.009~0.15 | -60.64 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | 0.15~30    | -56.57 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | 30~1000    | -66.38 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | 1000~3000  | -51.74 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0 | 3000~20000 | -47.45 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 0.009~0.15 | -61.21 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 0.15~30    | -57.63 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 30~1000    | -66.01 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 1000~3000  | -52.10 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 3000~20000 | -47.54 | PASS |

## Test Graphs





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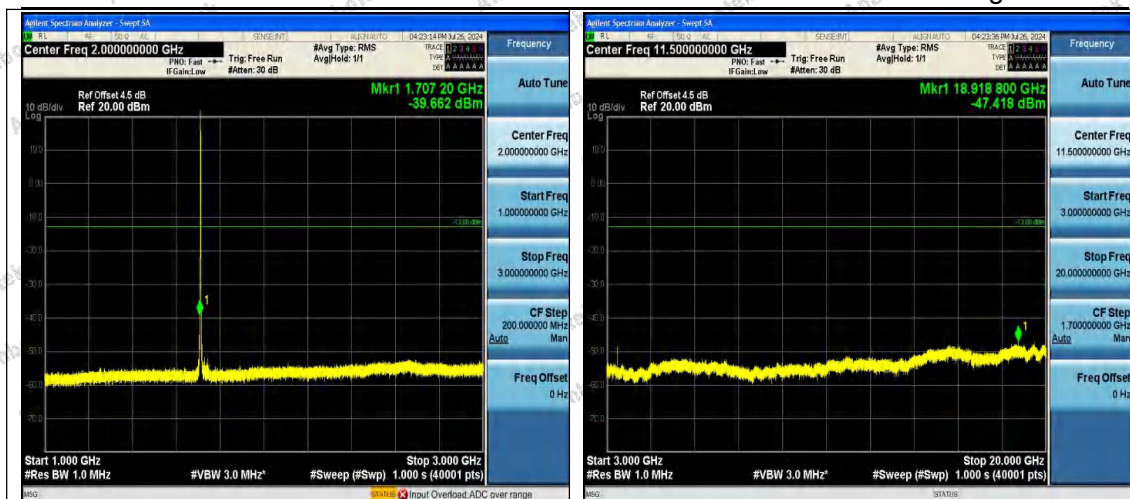
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 Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.  
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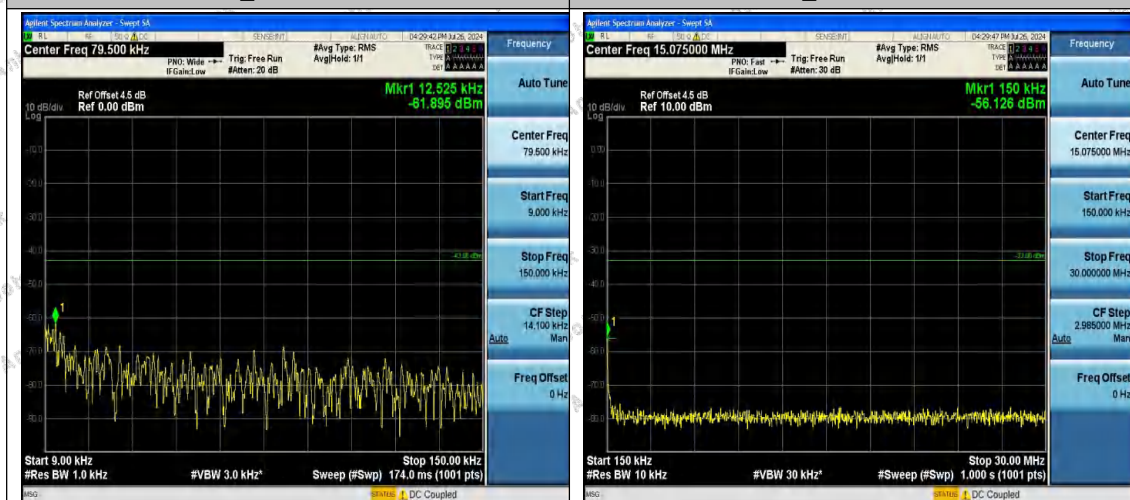
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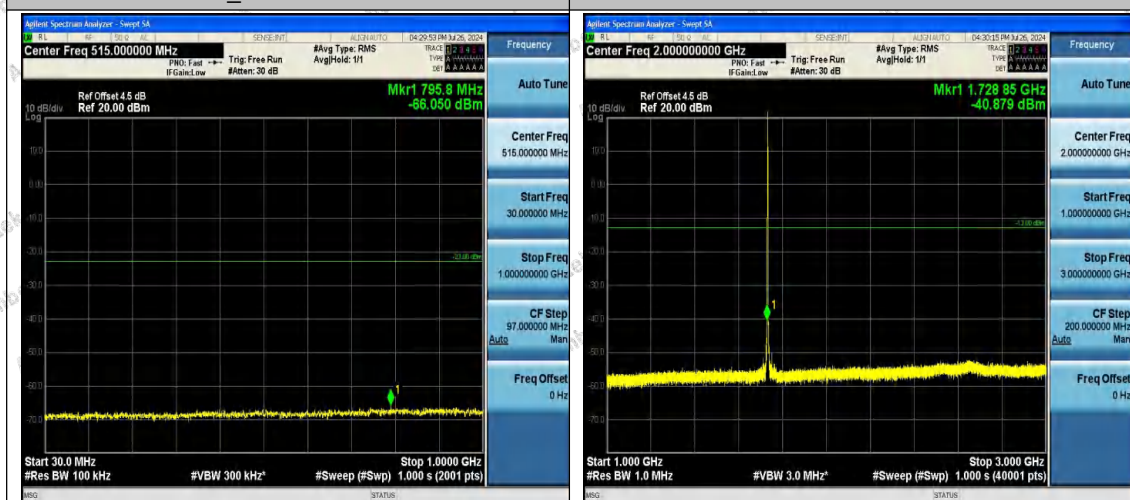
Band4\_1.4MHz\_16QAM\_19957\_1RB#0\_1000~3000\_1000~3000

Band4\_1.4MHz\_16QAM\_19957\_1RB#0\_3000~20000\_3000~20000



Band4\_1.4MHz\_QPSK\_20175\_1RB#0\_0.009~0.15\_5\_0.009~0.15

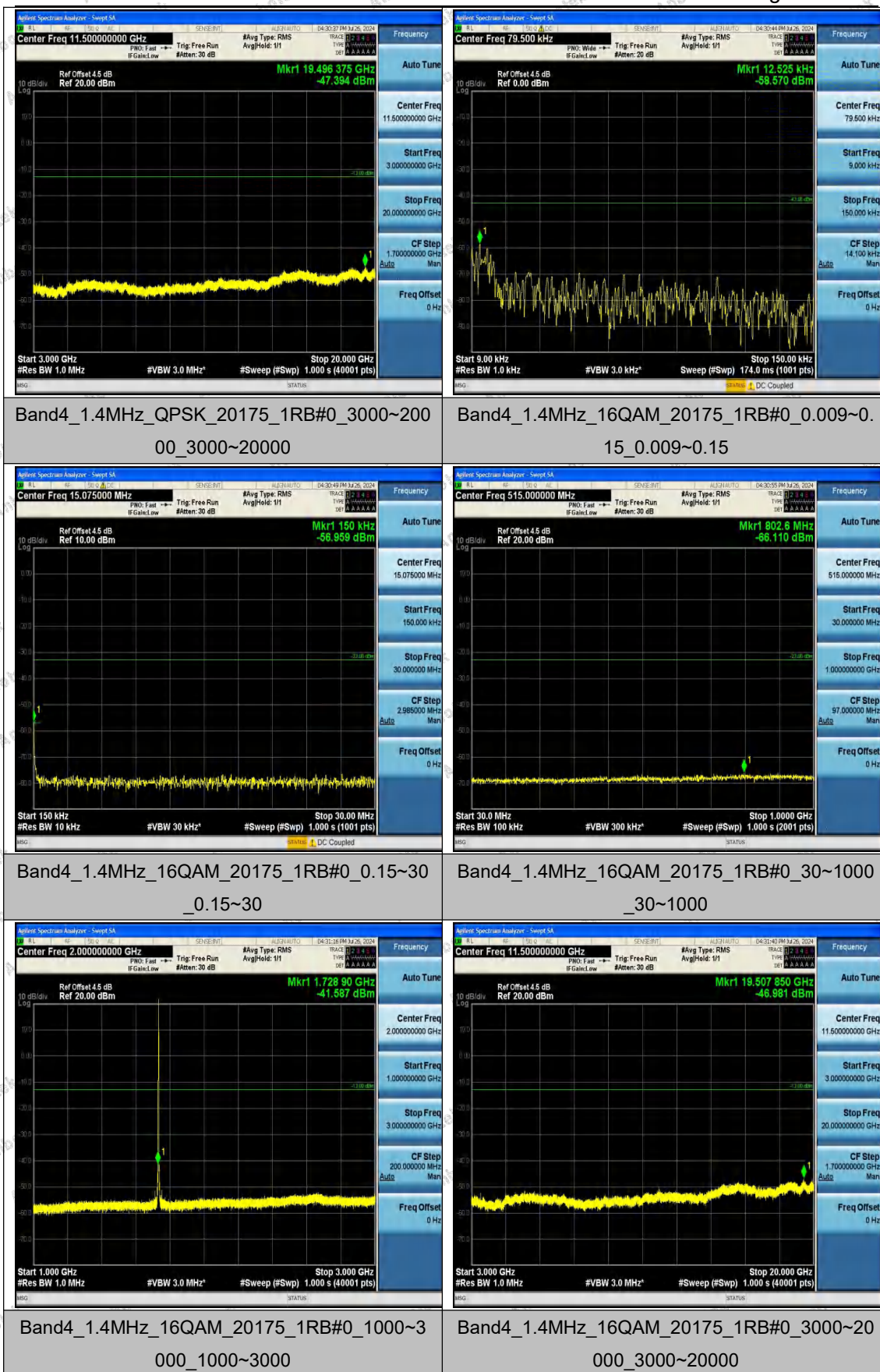
Band4\_1.4MHz\_QPSK\_20175\_1RB#0\_0.15~30\_0.15~30



Band4\_1.4MHz\_QPSK\_20175\_1RB#0\_30~1000\_30~1000

Band4\_1.4MHz\_QPSK\_20175\_1RB#0\_1000~3000\_0\_1000~3000





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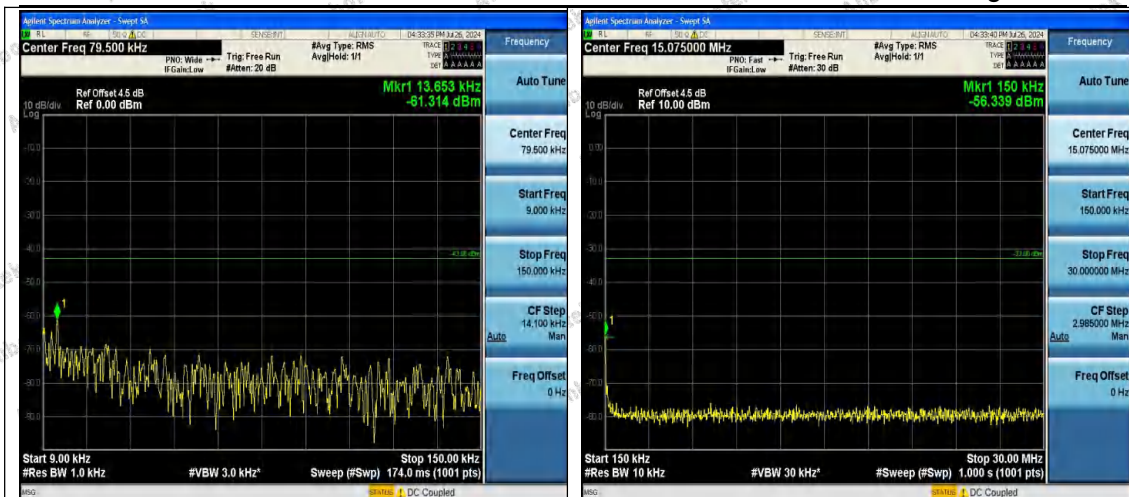
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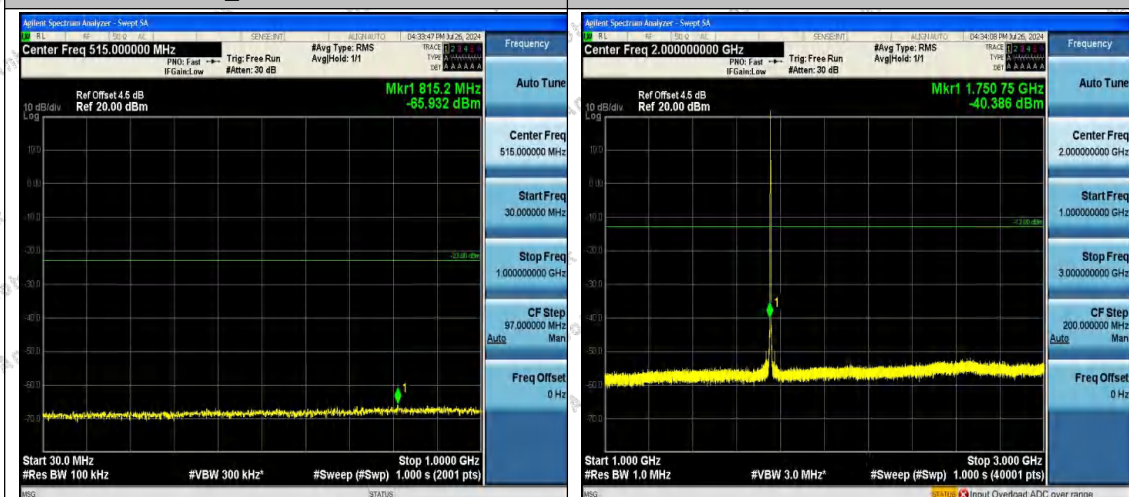
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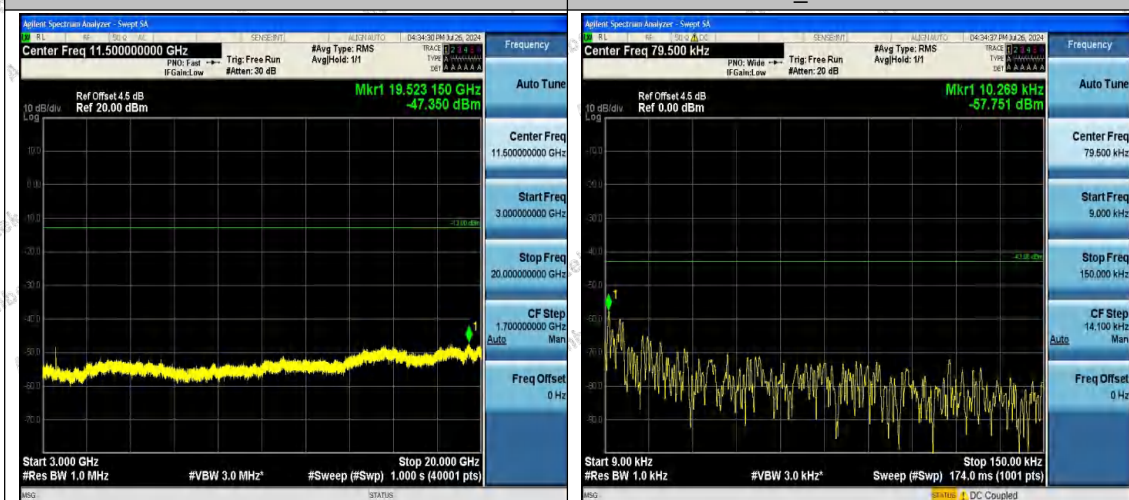
Band4\_1.4MHz\_QPSK\_20393\_1RB#0\_0.009~0.15\_0.009~0.15

Band4\_1.4MHz\_QPSK\_20393\_1RB#0\_0.15~30\_0.15~30



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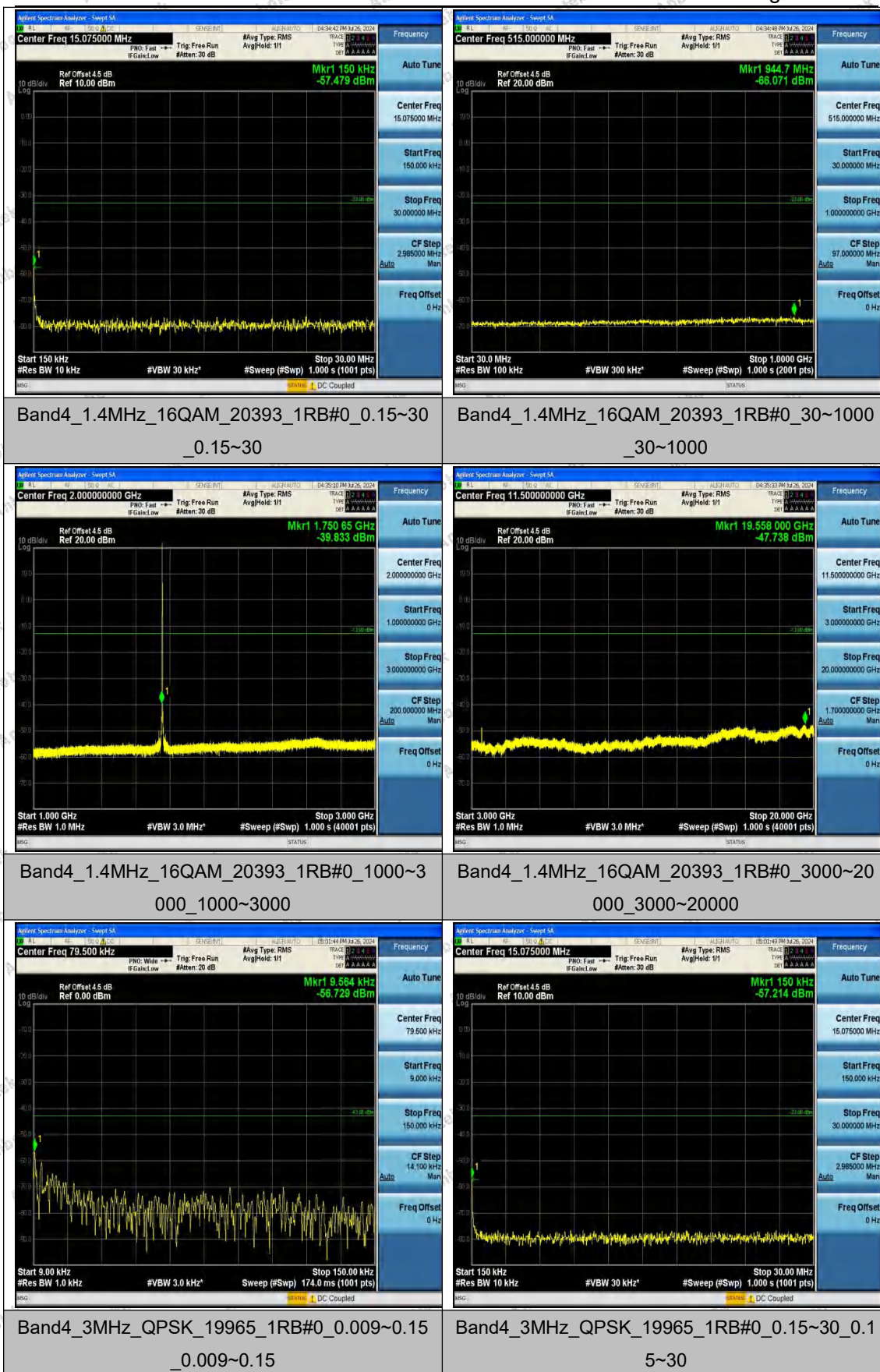
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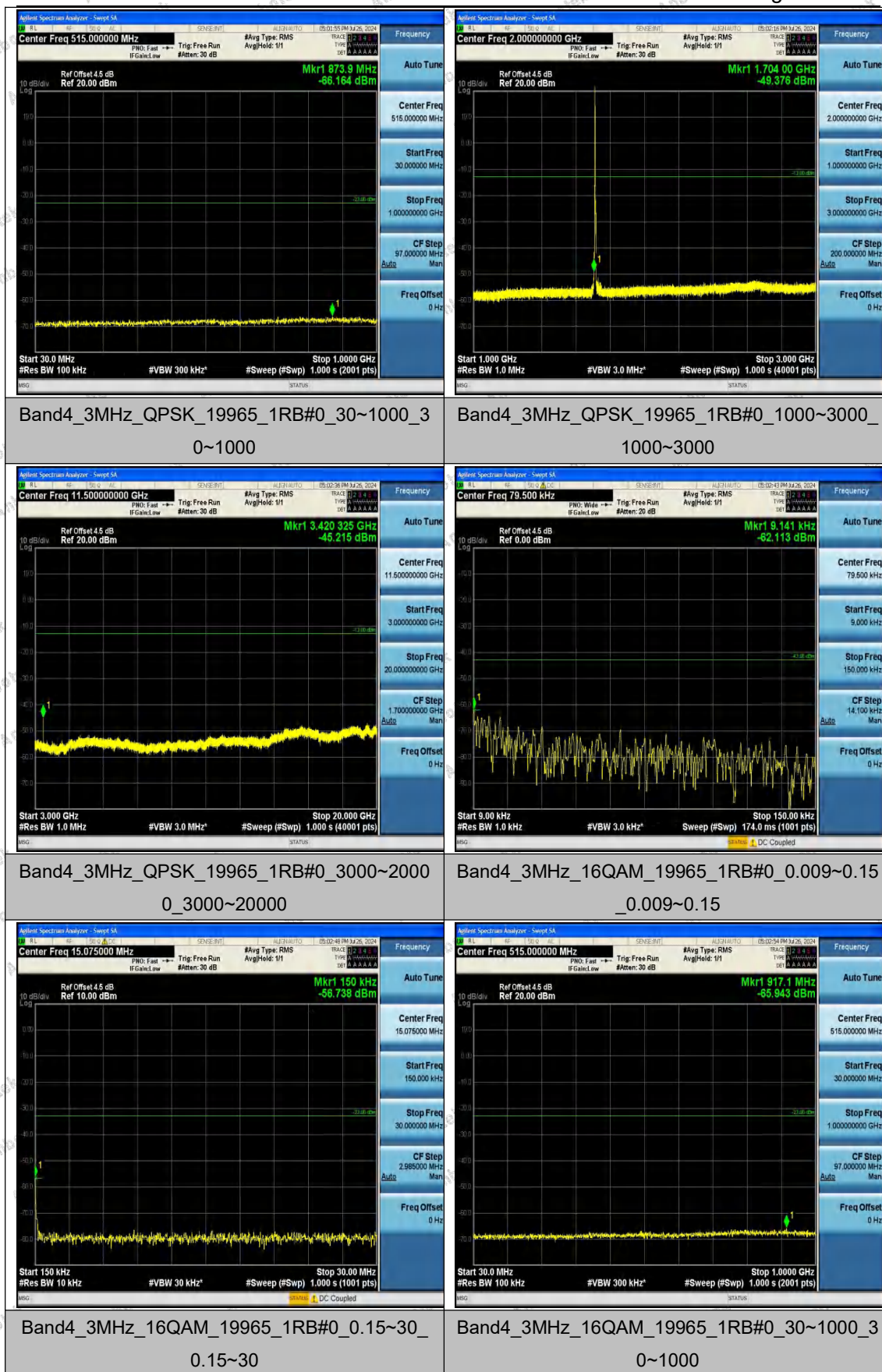


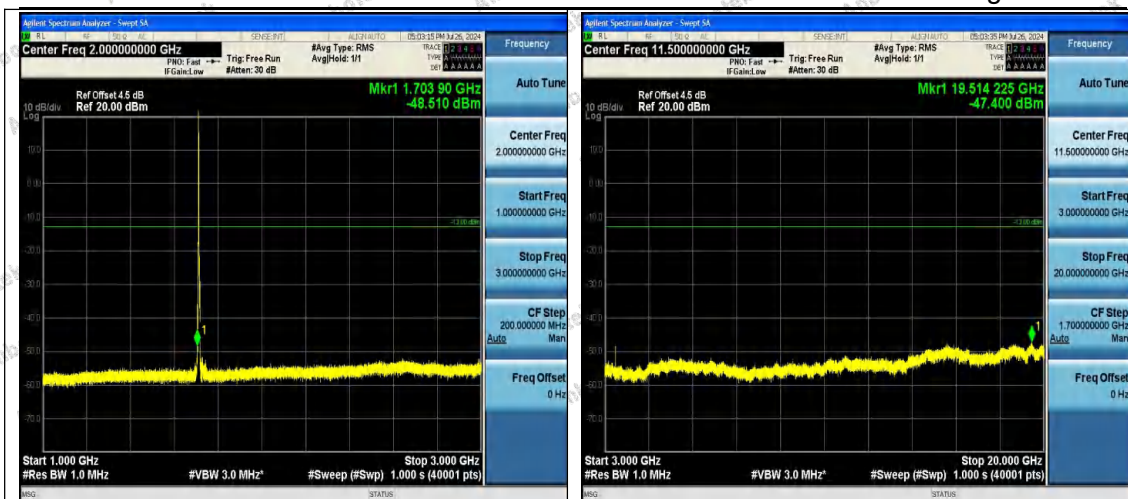
Band4\_1.4MHz\_QPSK\_20393\_1RB#0\_3000~20000\_00\_3000~20000

Band4\_1.4MHz\_16QAM\_20393\_1RB#0\_0.009~0.15\_0.009~0.15



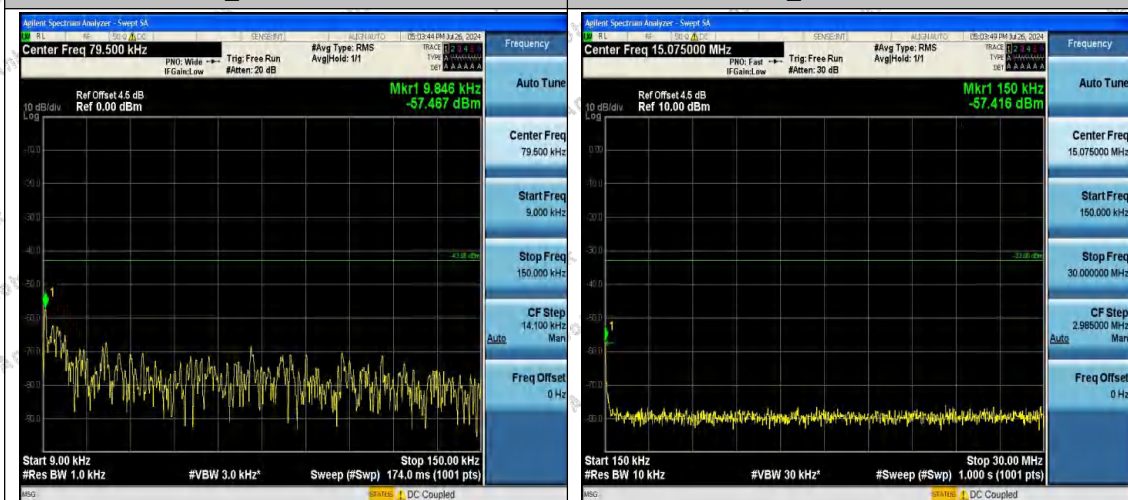






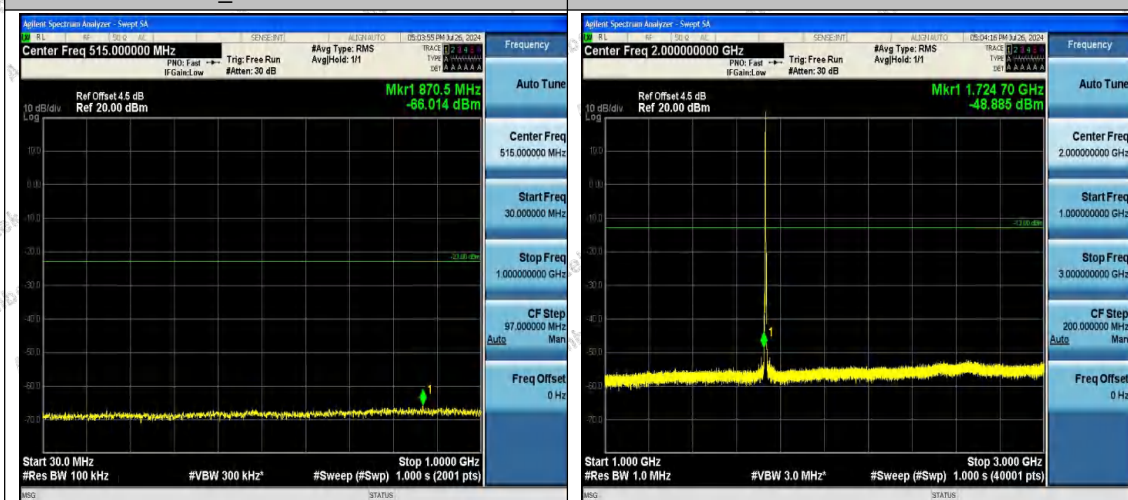
Band4\_3MHz\_16QAM\_19965\_1RB#0\_1000~300  
0\_1000~3000

Band4\_3MHz\_16QAM\_19965\_1RB#0\_3000~2000  
0\_3000~20000



Band4\_3MHz\_QPSK\_20175\_1RB#0\_0.009~0.15  
\_0.009~0.15

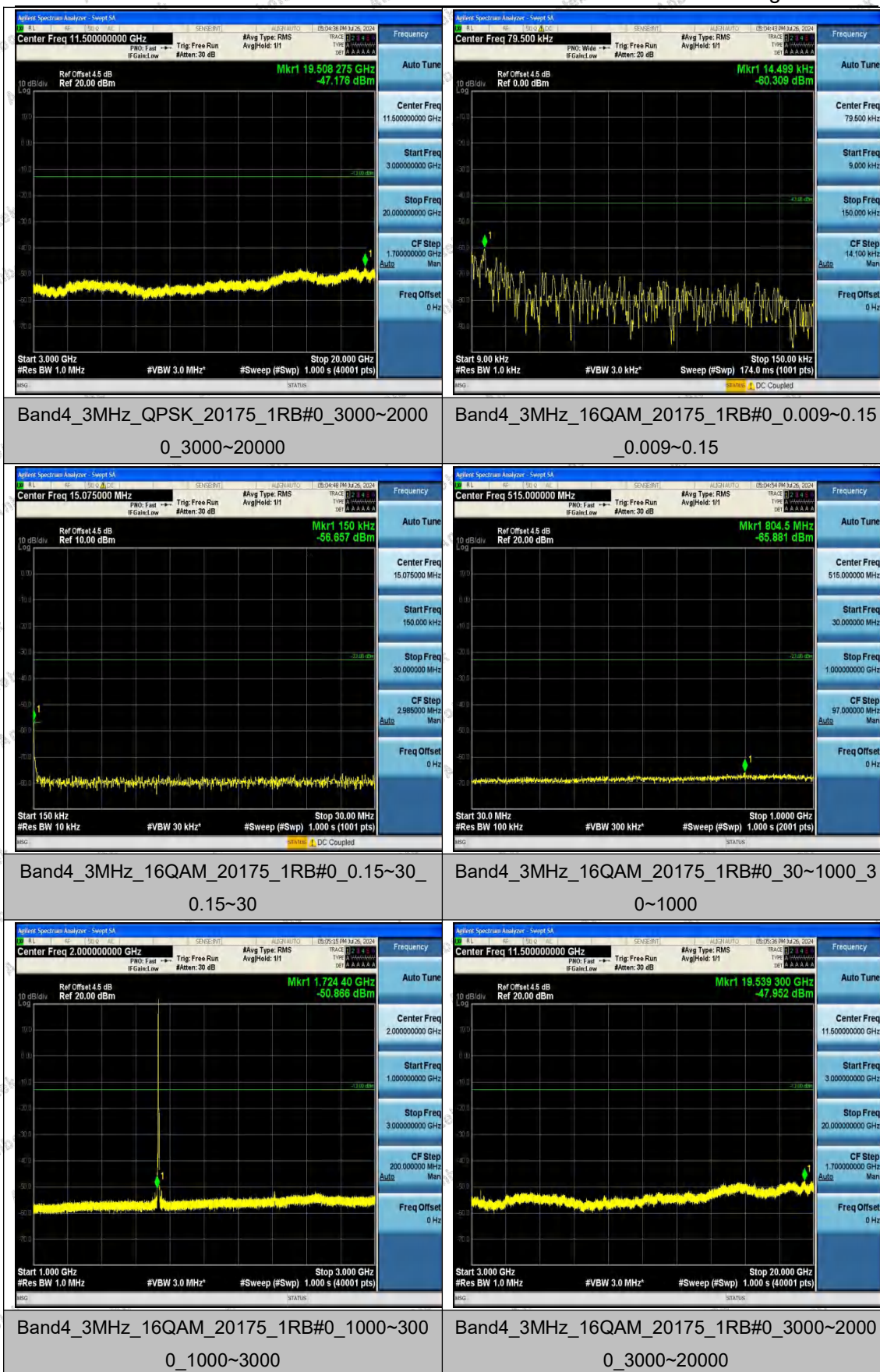
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5~30

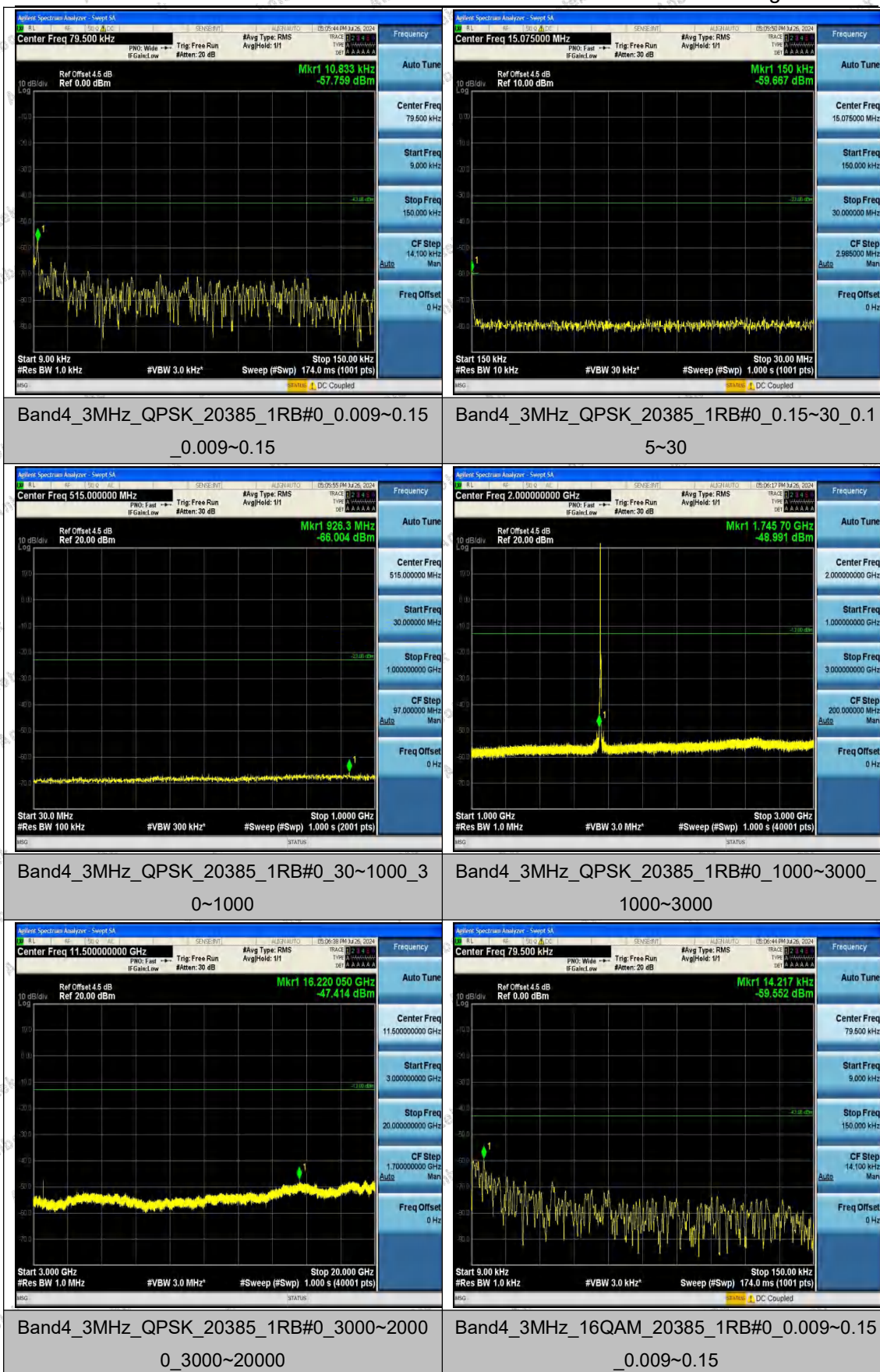


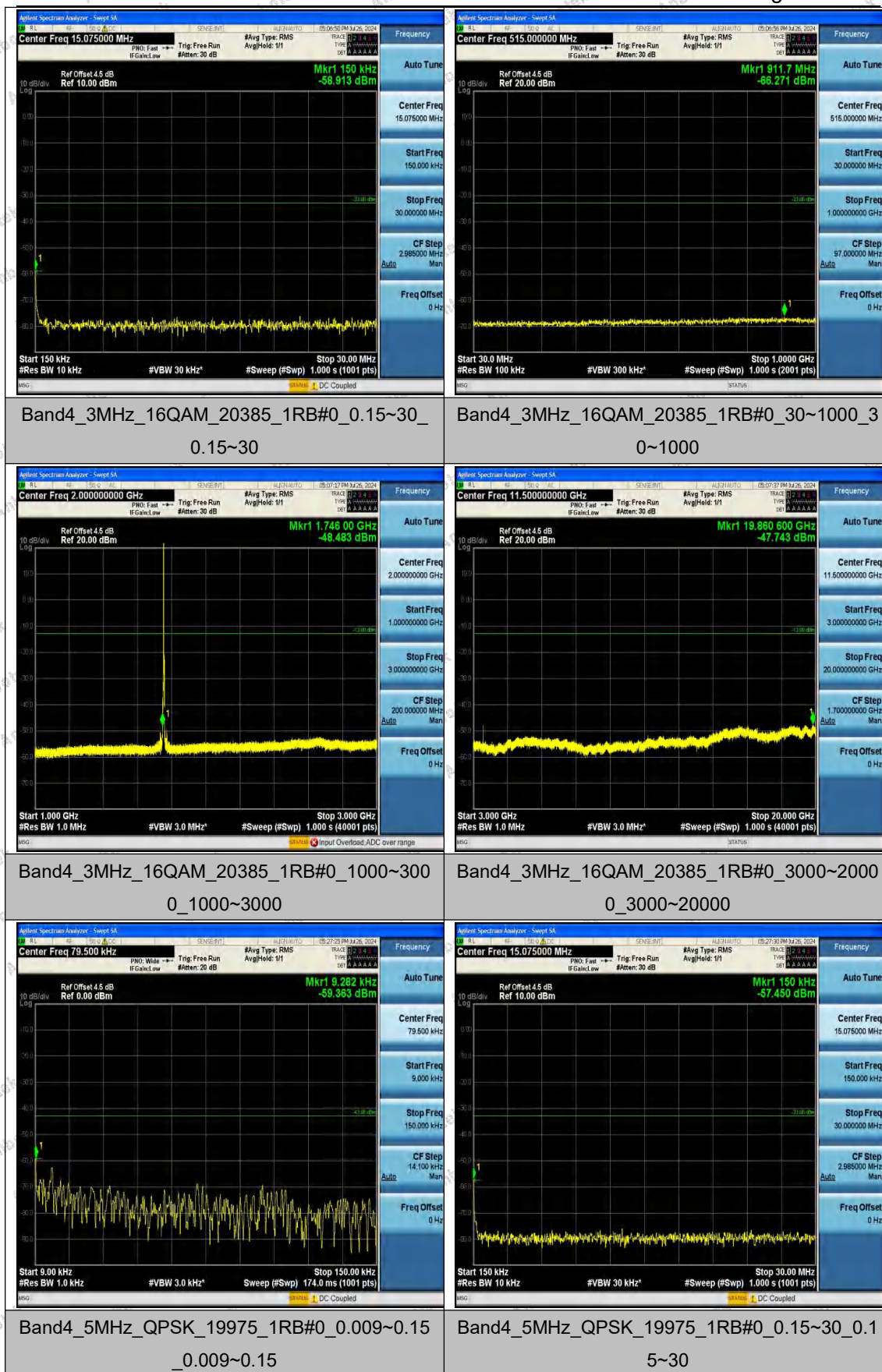
Band4\_3MHz\_QPSK\_20175\_1RB#0\_30~1000\_3  
0~1000

Band4\_3MHz\_QPSK\_20175\_1RB#0\_1000~3000\_  
1000~3000









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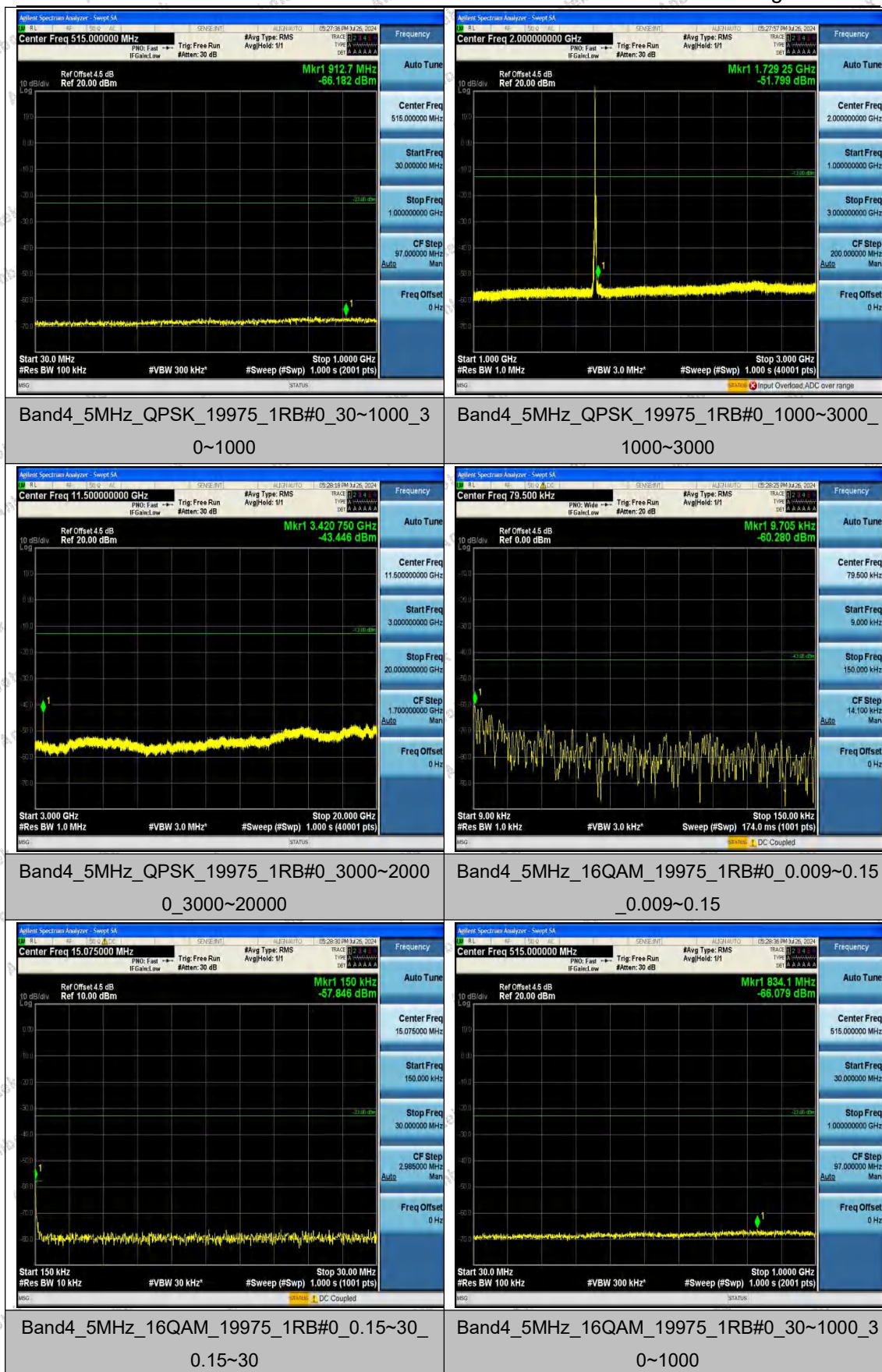
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 Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.  
 Tel: (86) 0755-26066440 Email: service@anbotek.com

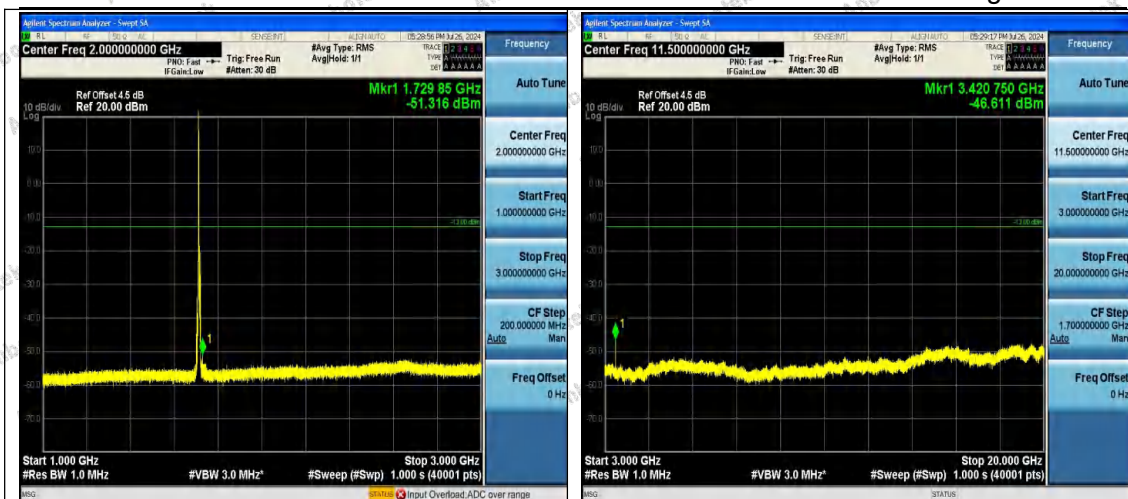


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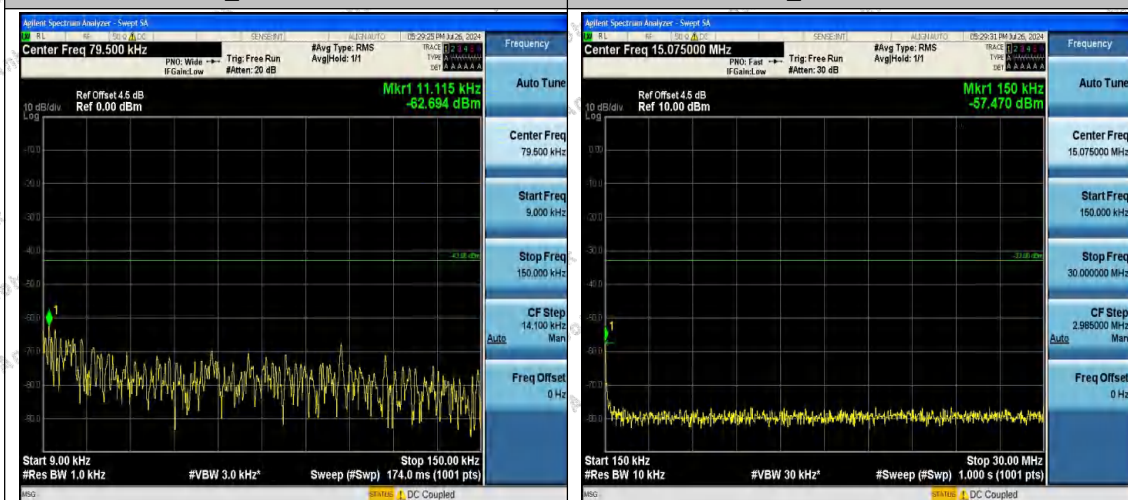






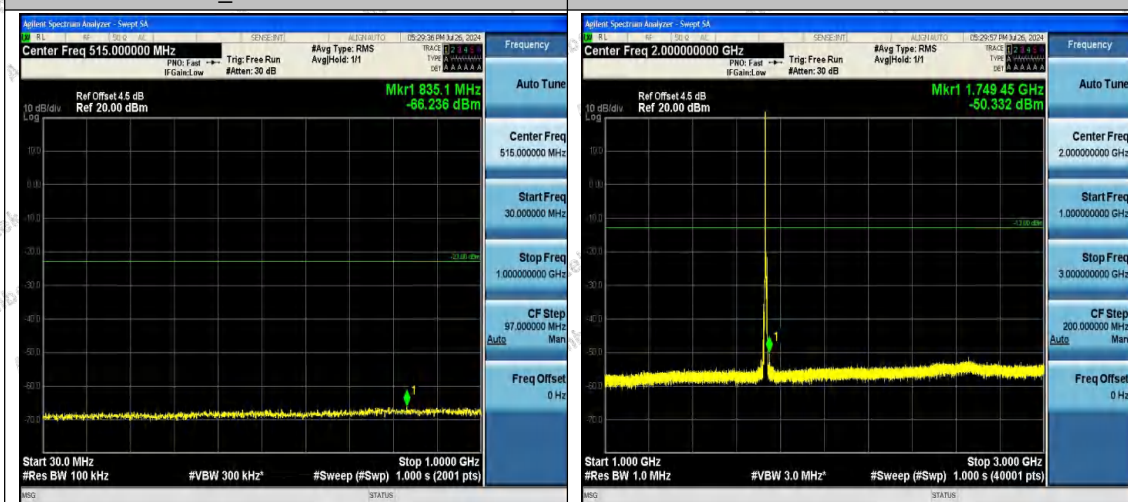
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0\_1000~3000

Band4\_5MHz\_16QAM\_19975\_1RB#0\_3000~2000  
0\_3000~20000



Band4\_5MHz\_QPSK\_20175\_1RB#0\_0.009~0.15  
\_0.009~0.15

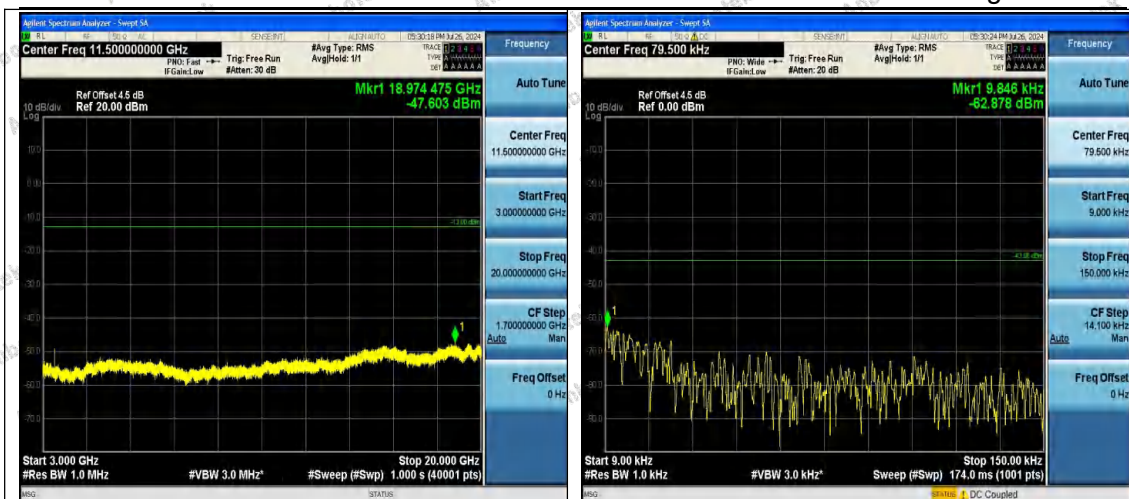
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5~30



Band4\_5MHz\_QPSK\_20175\_1RB#0\_30~1000\_3  
0~1000

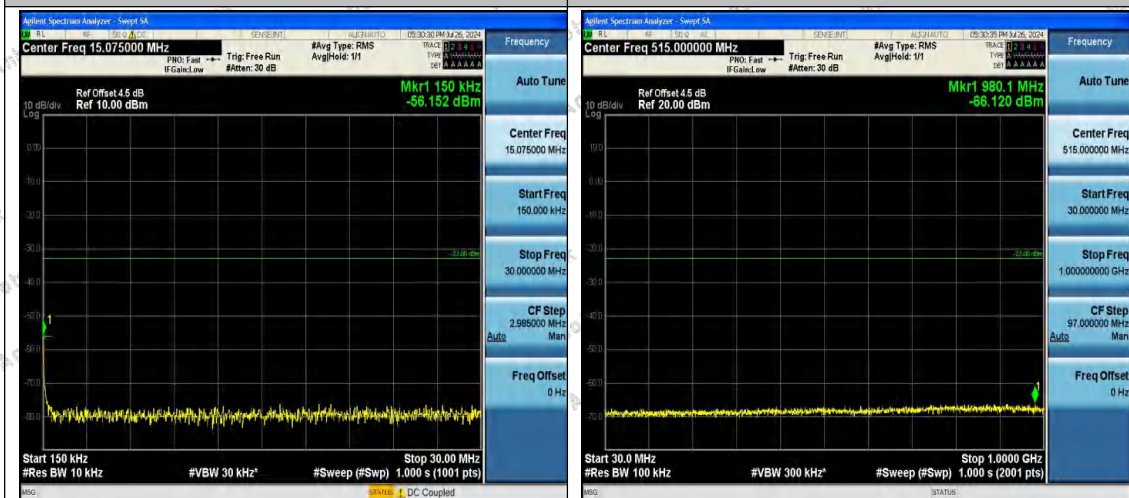
Band4\_5MHz\_QPSK\_20175\_1RB#0\_1000~3000\_  
1000~3000





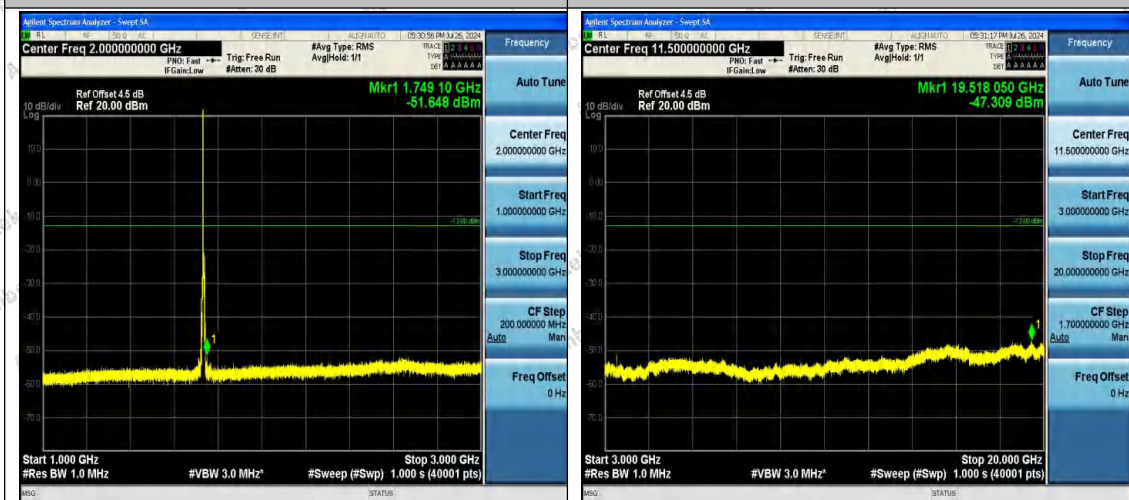
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0\_3000~20000

Band4\_5MHz\_16QAM\_20175\_1RB#0\_0.009~0.15  
\_0.009~0.15



Band4\_5MHz\_16QAM\_20175\_1RB#0\_0.15~30  
0.15~30

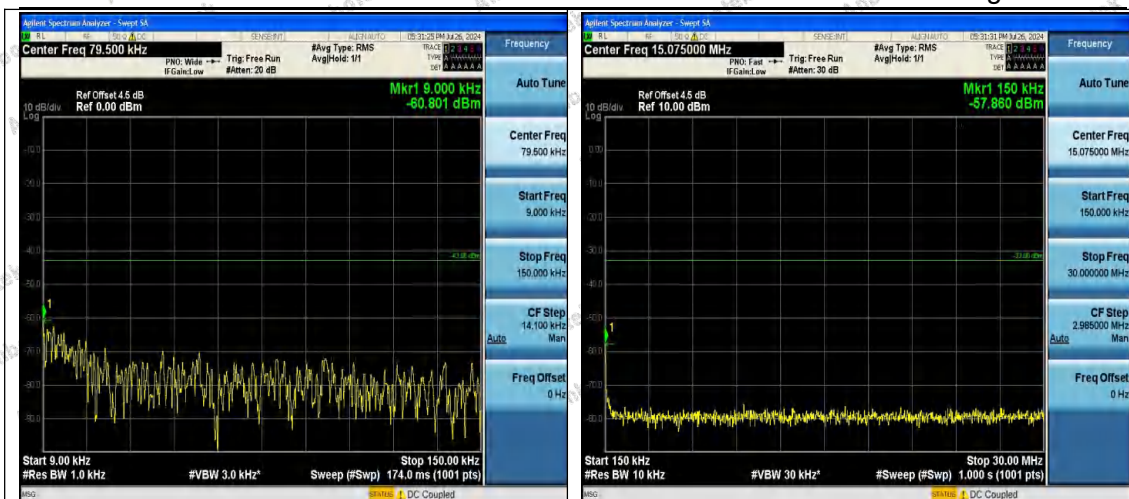
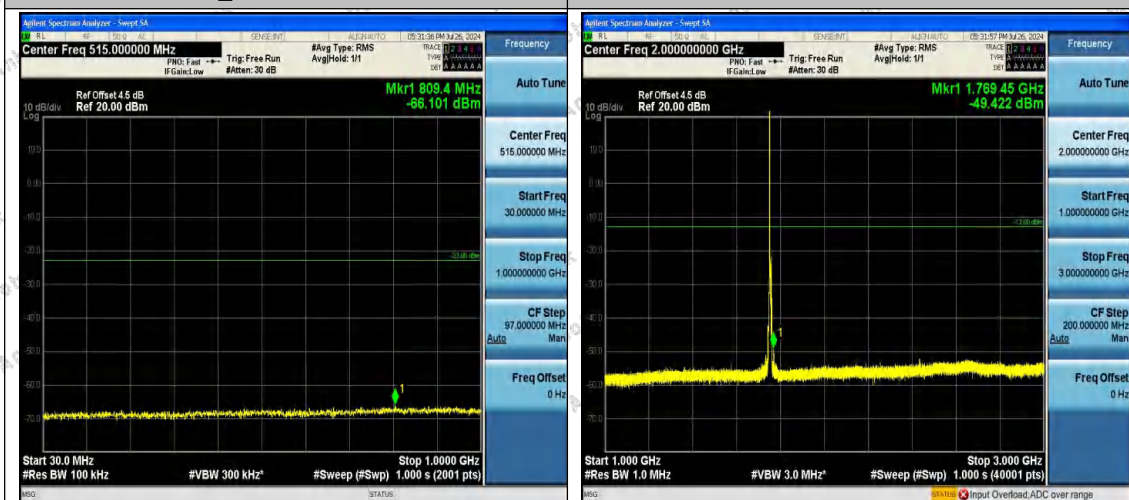
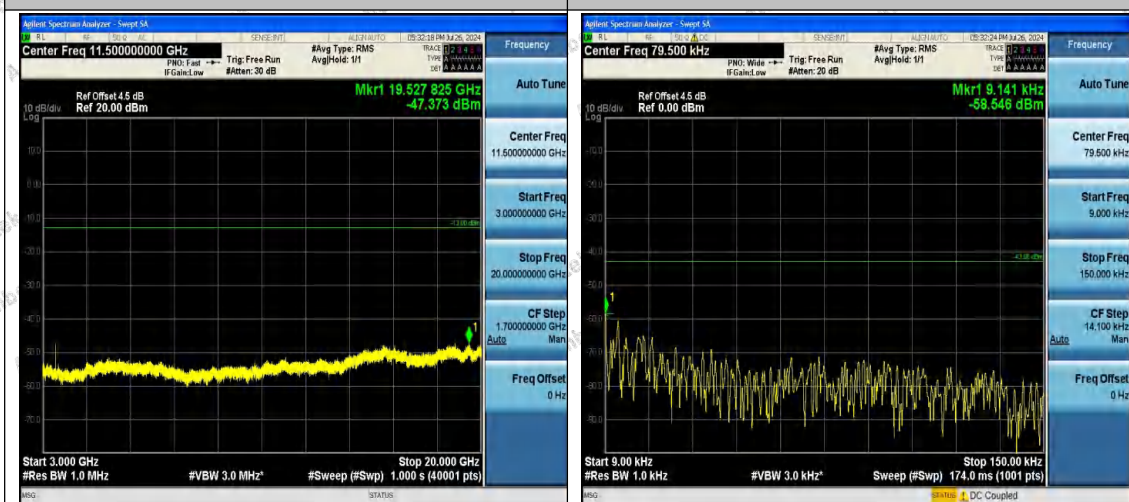
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0~1000

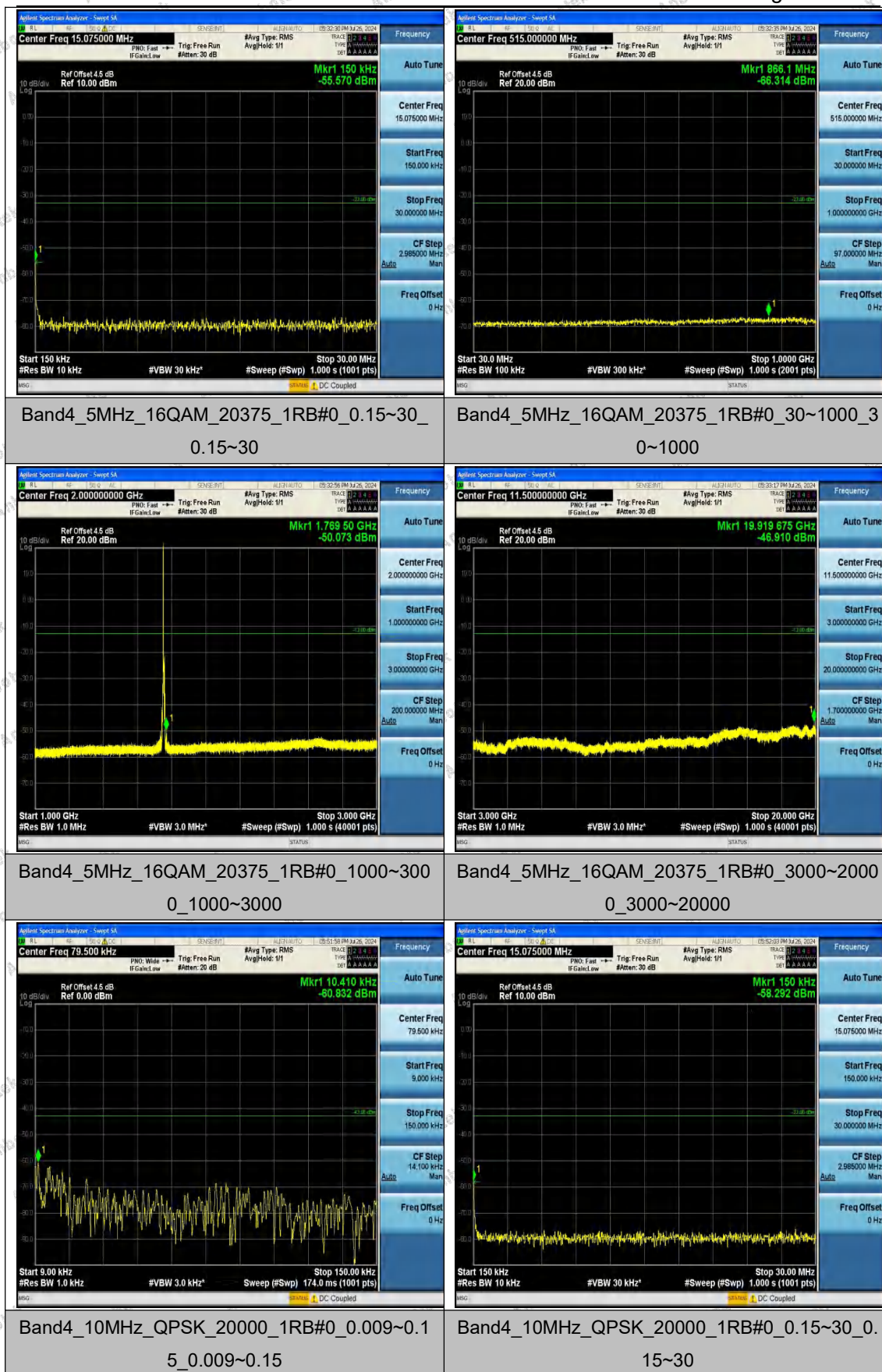


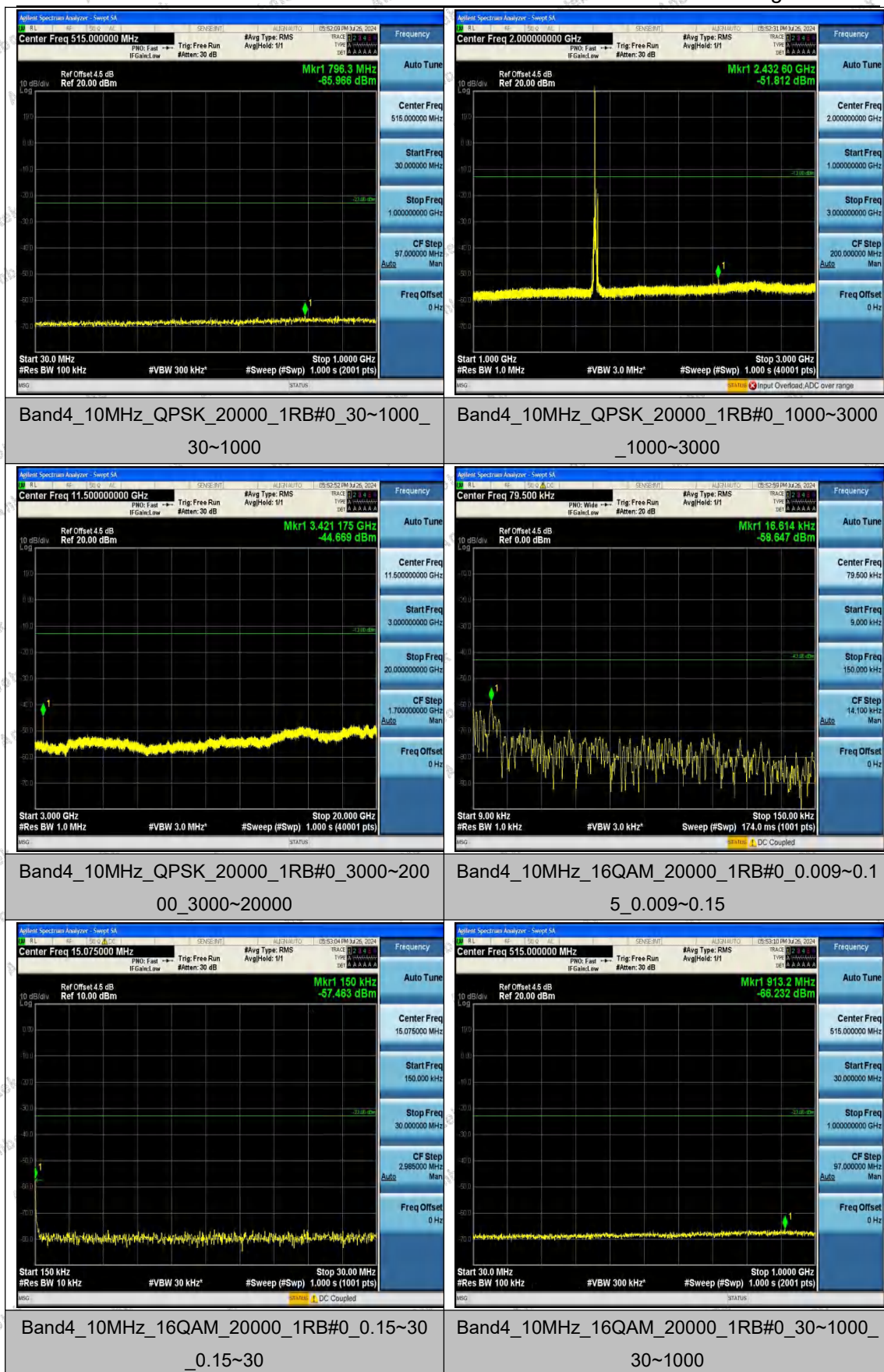
Band4\_5MHz\_16QAM\_20175\_1RB#0\_1000~300  
0\_1000~3000

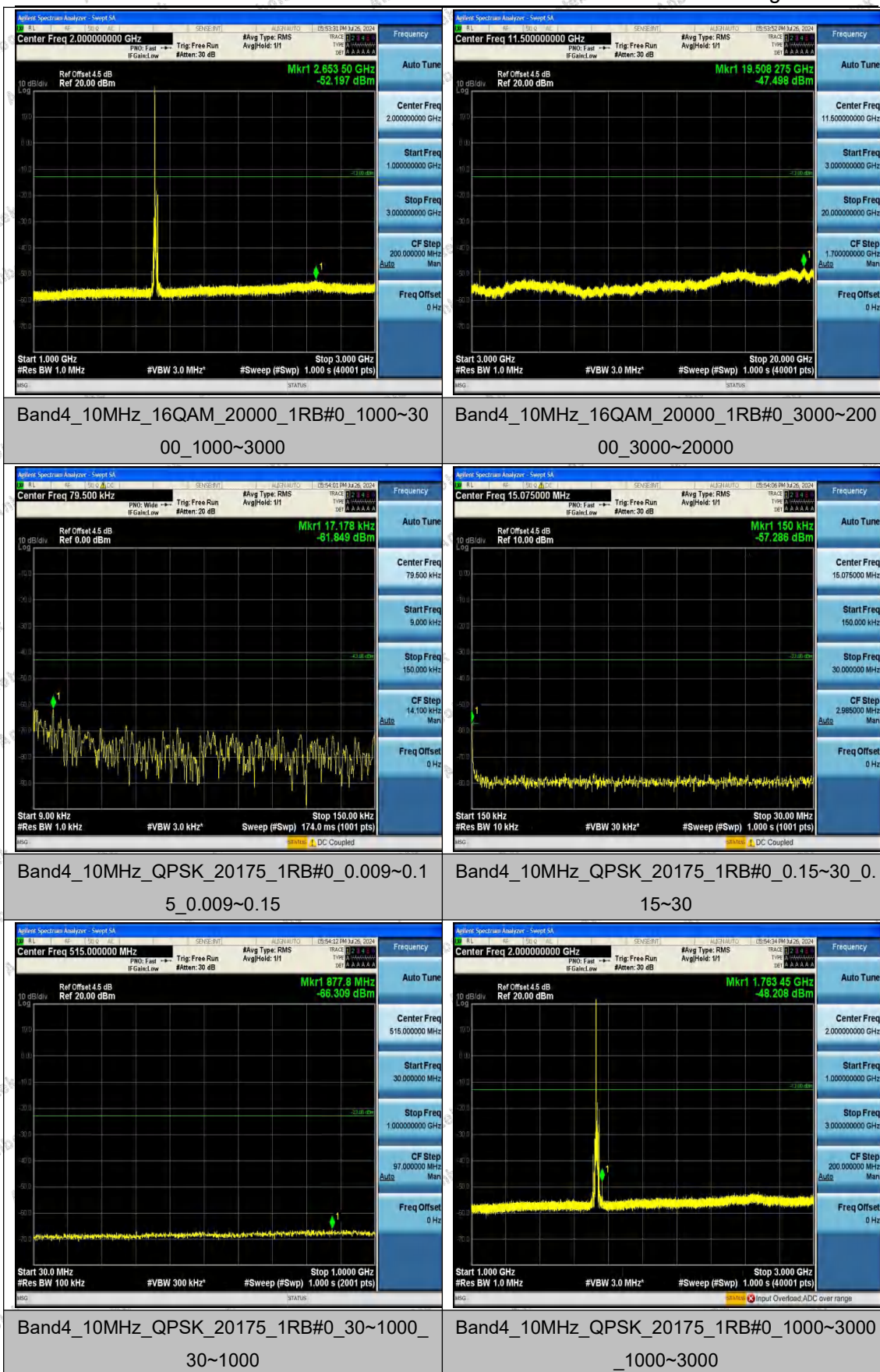
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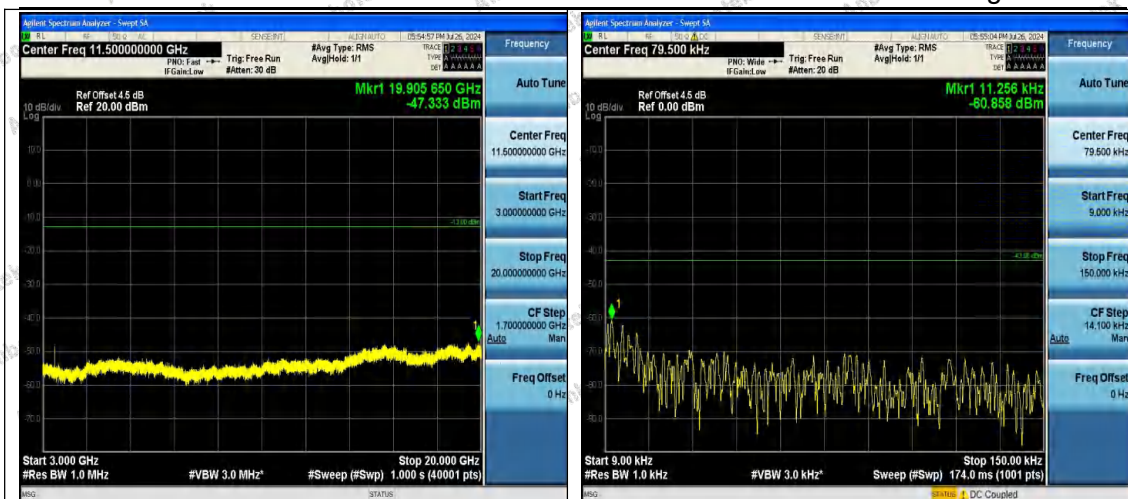


Band4\_5MHz\_QPSK\_20375\_1RB#0\_0.009~0.15  
\_0.009~0.15Band4\_5MHz\_QPSK\_20375\_1RB#0\_0.15~30\_0.1  
5~30Band4\_5MHz\_QPSK\_20375\_1RB#0\_30~1000\_3  
0~1000Band4\_5MHz\_QPSK\_20375\_1RB#0\_1000~3000\_  
1000~3000Band4\_5MHz\_QPSK\_20375\_1RB#0\_3000~2000  
0\_3000~20000Band4\_5MHz\_16QAM\_20375\_1RB#0\_0.009~0.15  
\_0.009~0.15



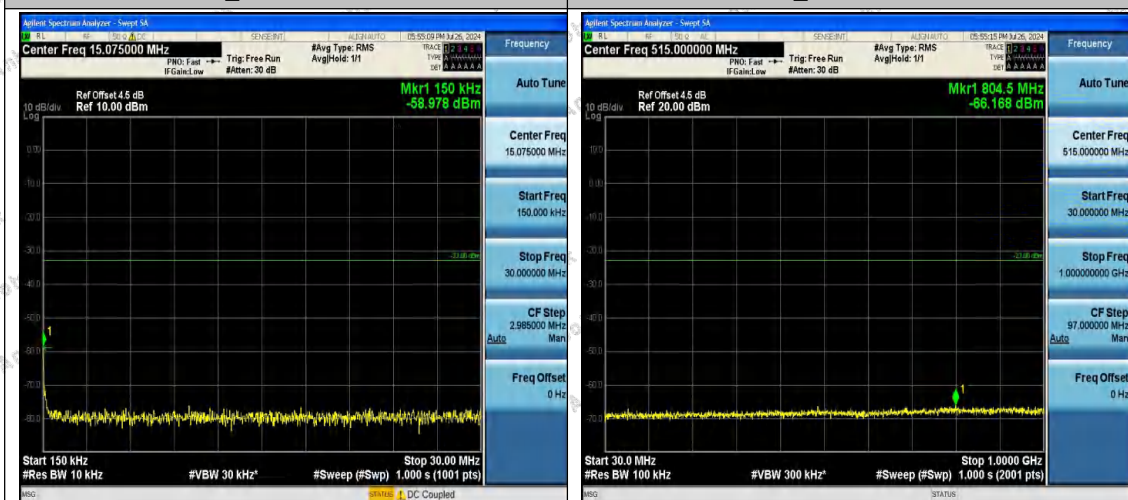






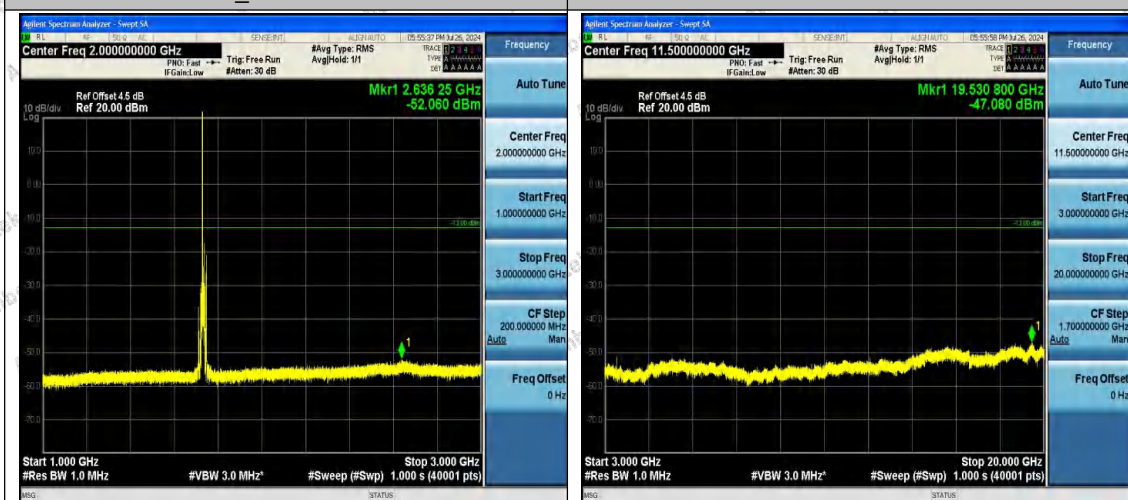
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Band4\_10MHz\_16QAM\_20175\_1RB#0\_0.009~0.15\_0.009~0.15



Band4\_10MHz\_16QAM\_20175\_1RB#0\_0.15~30\_0.15~30

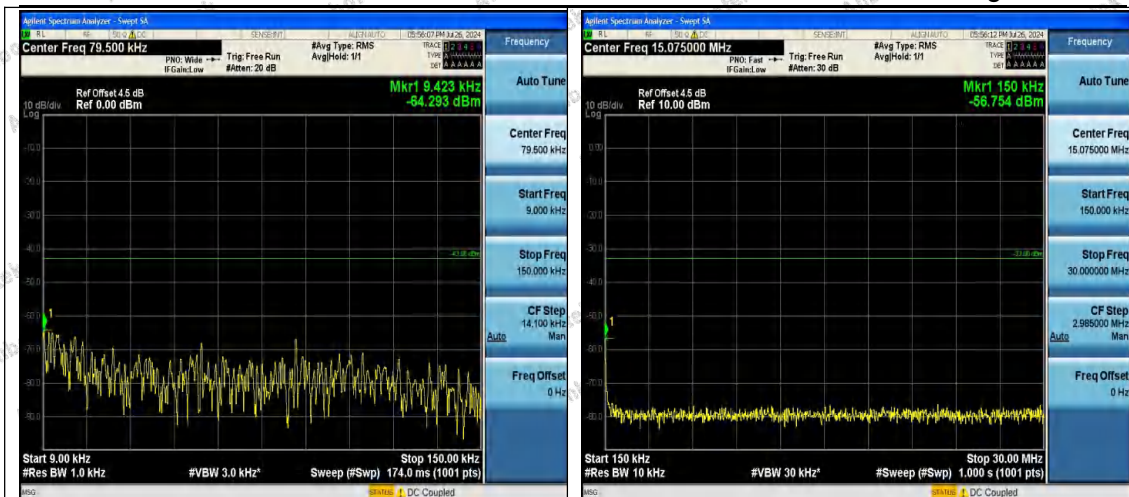
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Band4\_10MHz\_16QAM\_20175\_1RB#0\_1000~3000\_00\_1000~3000

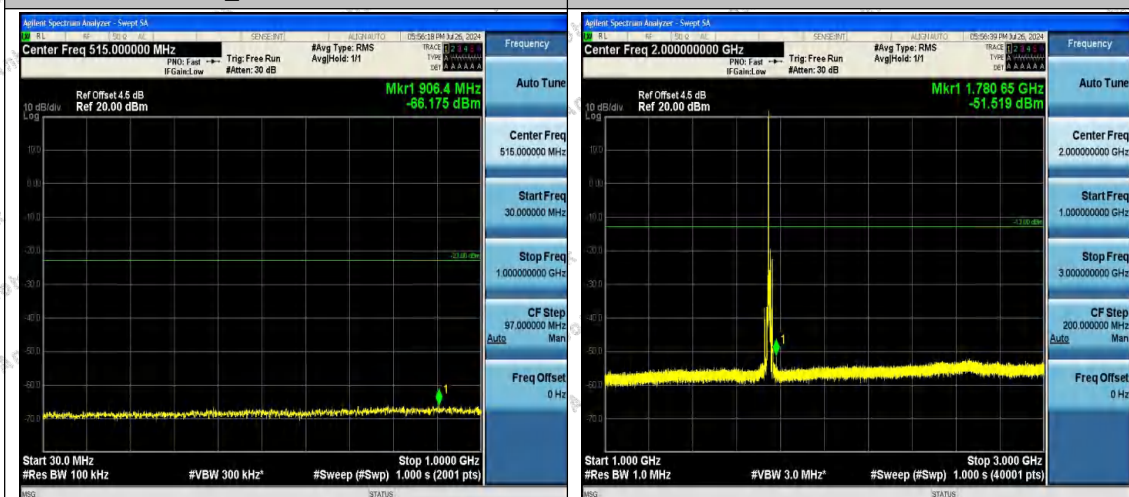
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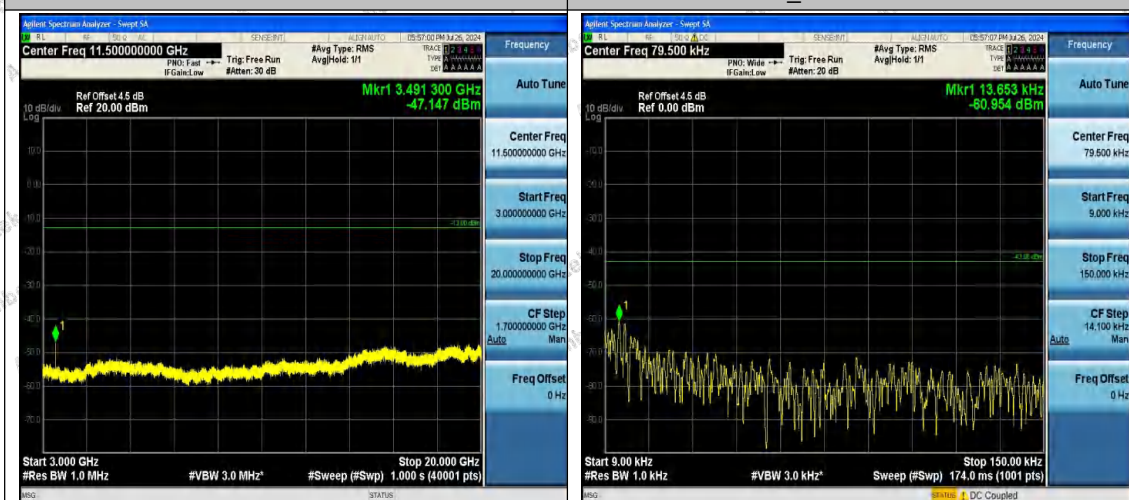
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5\_0.009~0.15

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15~30



Band4\_10MHz\_QPSK\_20350\_1RB#0\_30~1000\_  
30~1000

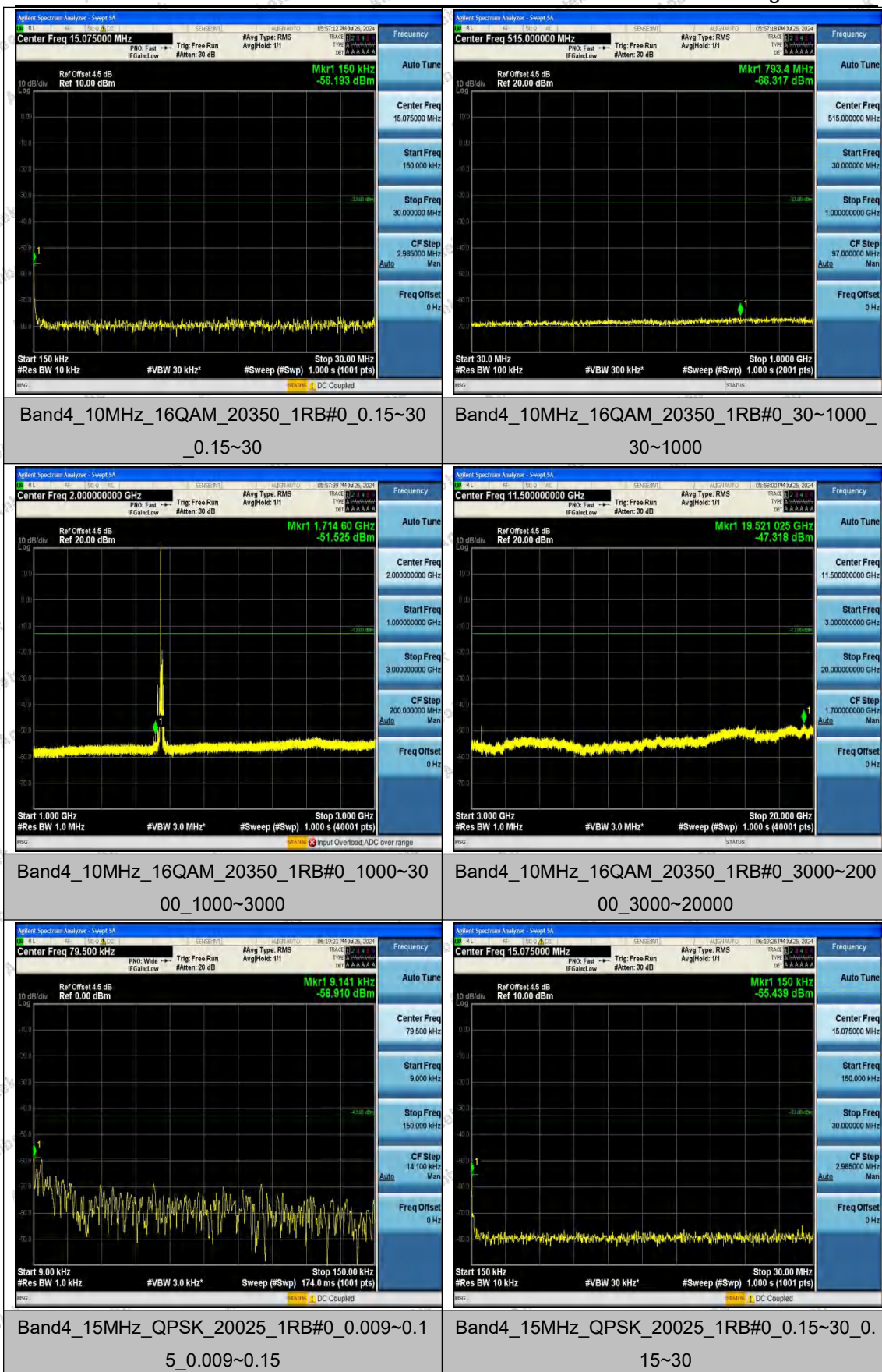
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Band4\_10MHz\_QPSK\_20350\_1RB#0\_3000~200  
00\_3000~20000

Band4\_10MHz\_16QAM\_20350\_1RB#0\_0.009~0.1  
5\_0.009~0.15





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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

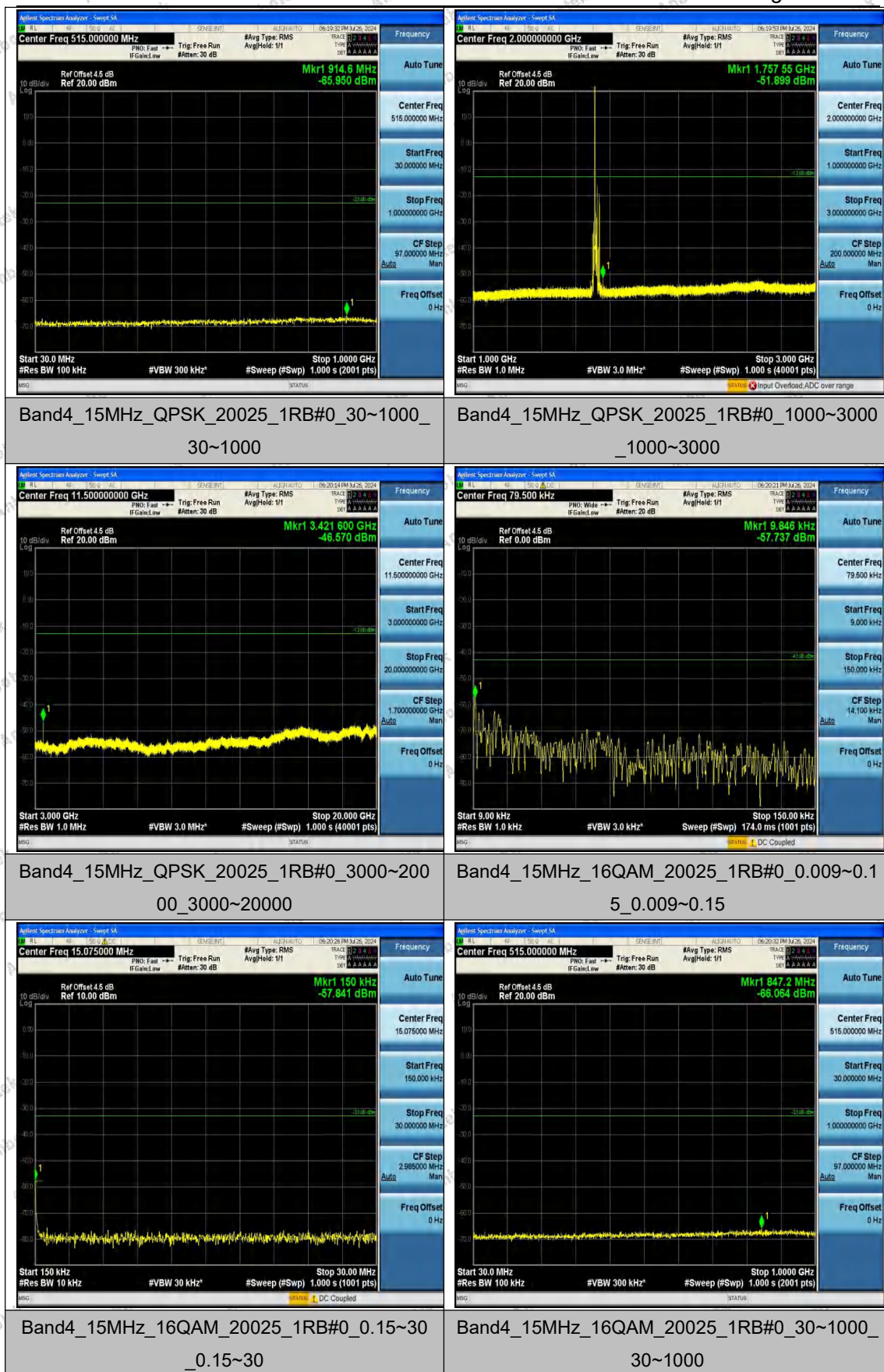
Tel: (86) 0755-26066440 Email: service@anbotek.com

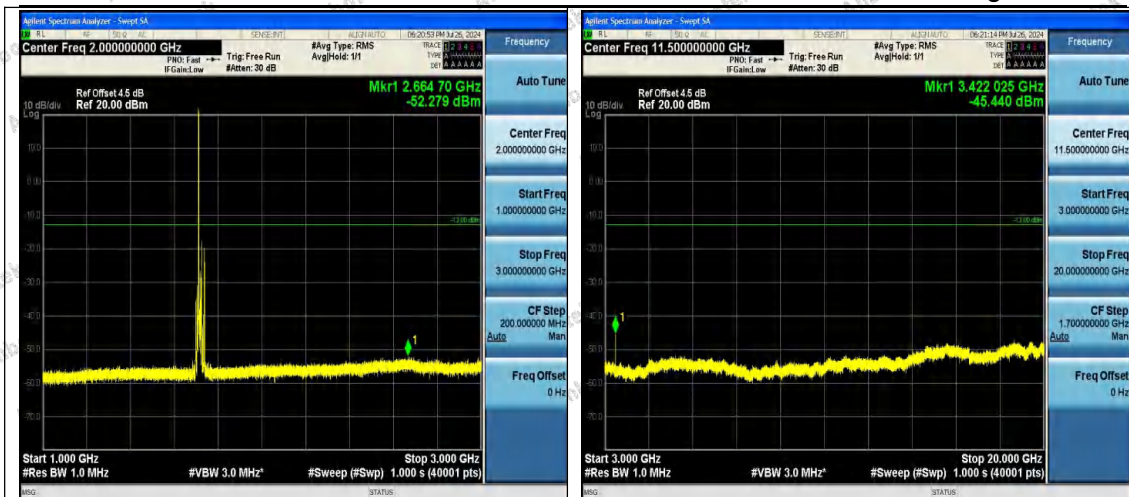


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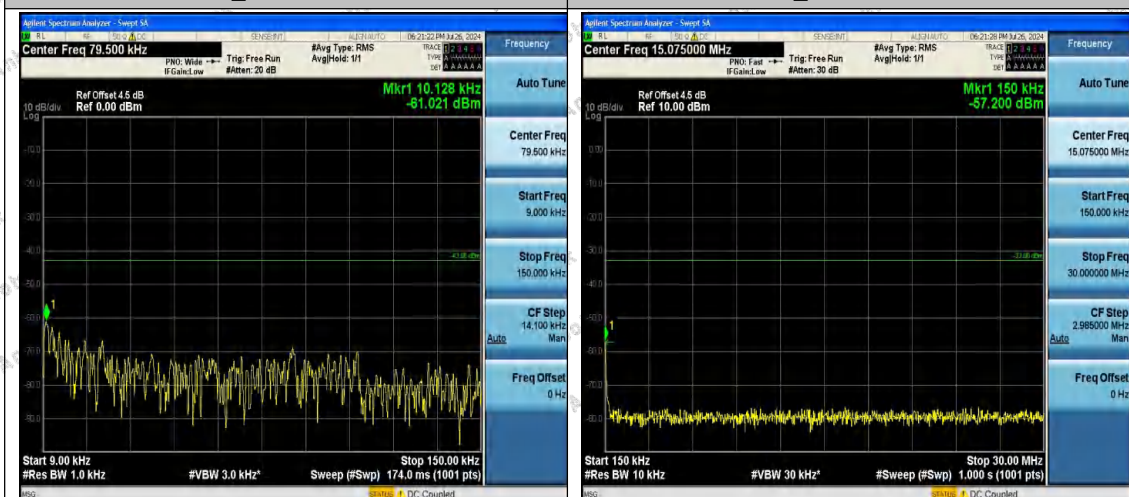






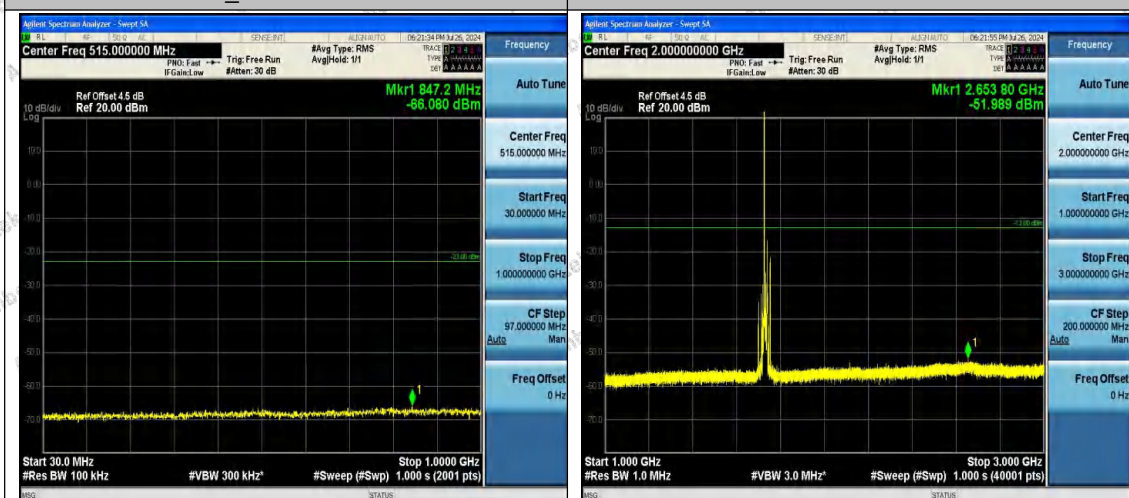
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Band4\_15MHz\_16QAM\_20025\_1RB#0\_3000~200  
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5\_0.009~0.15

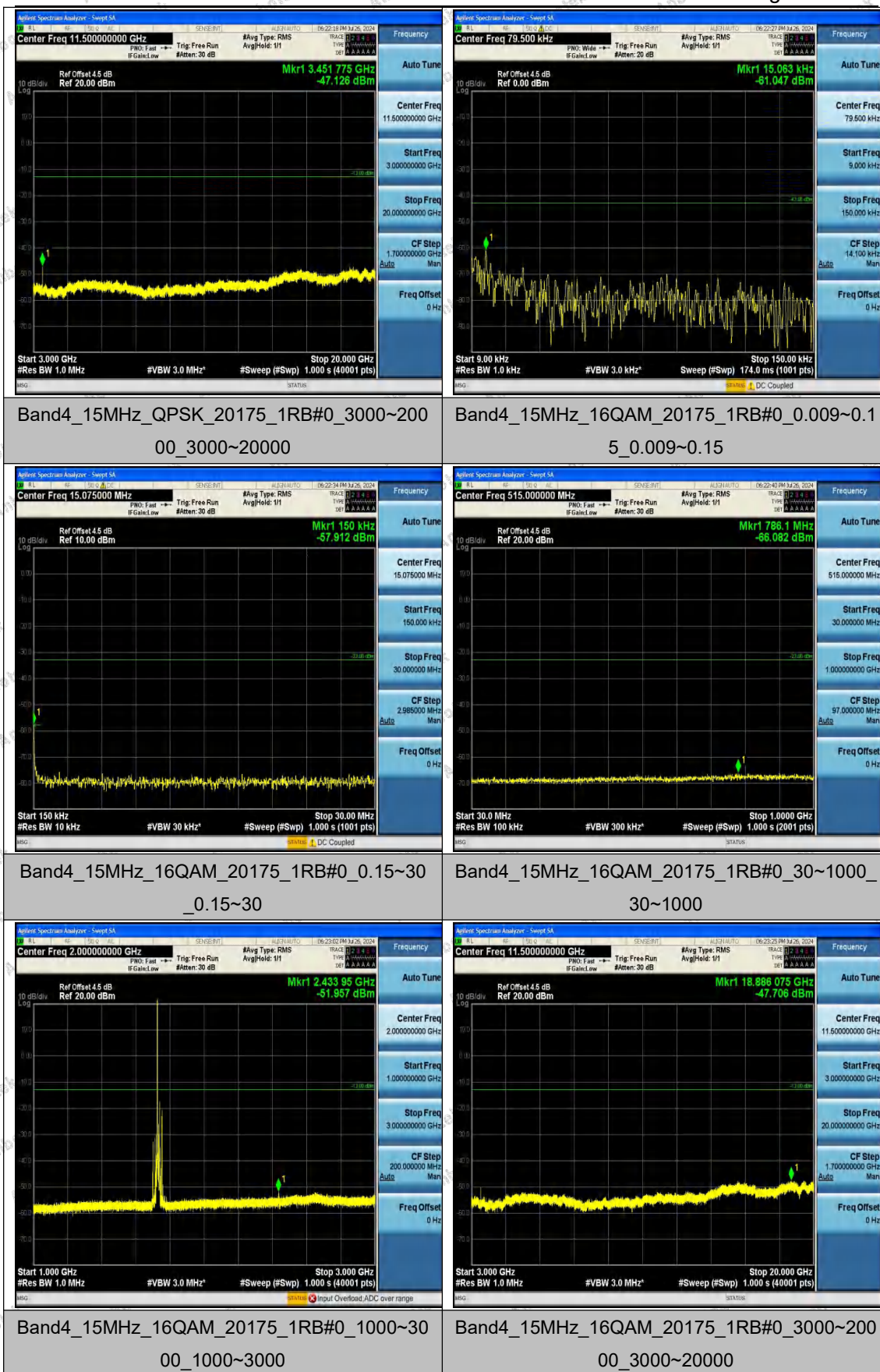
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15~30

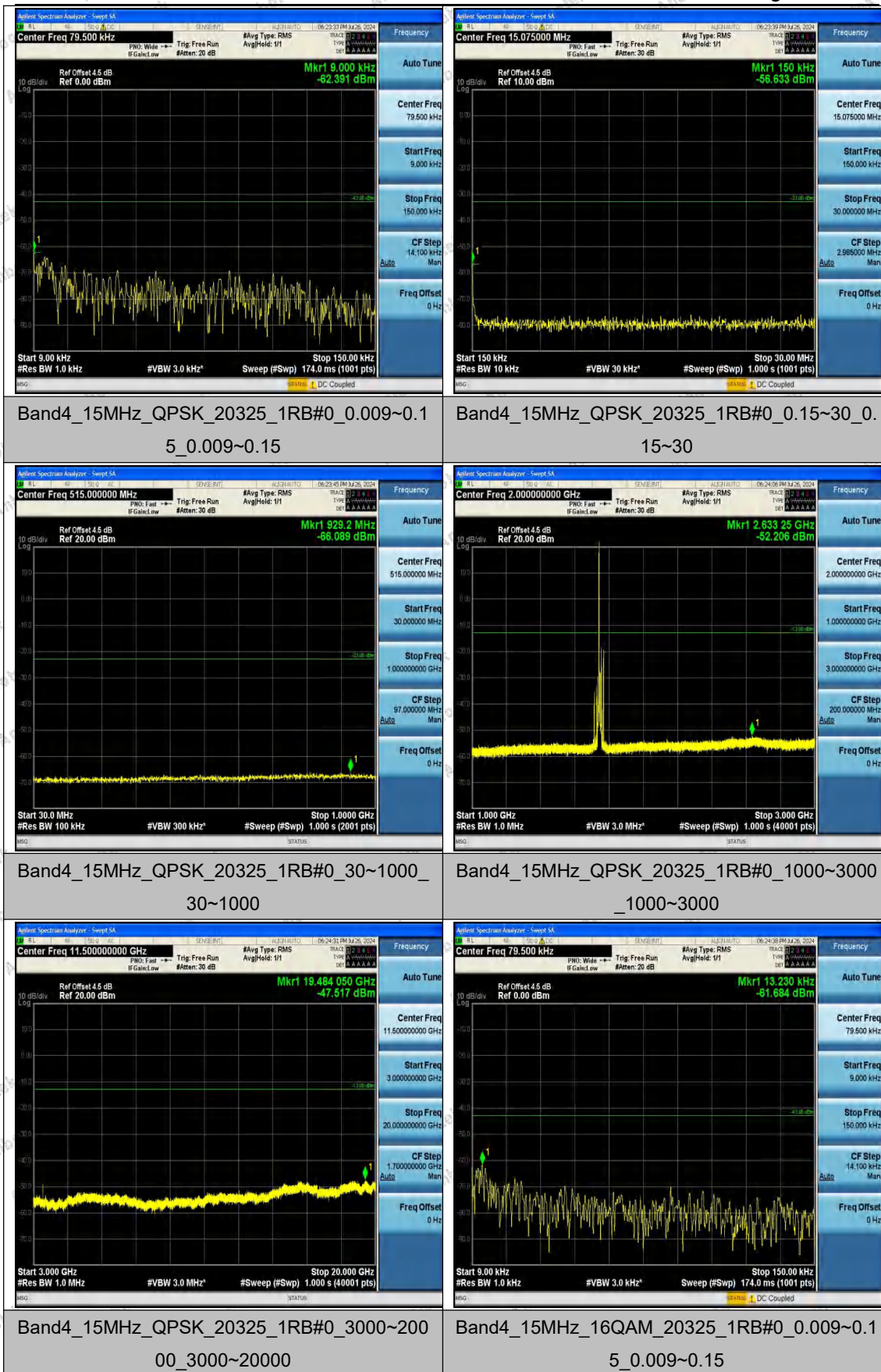


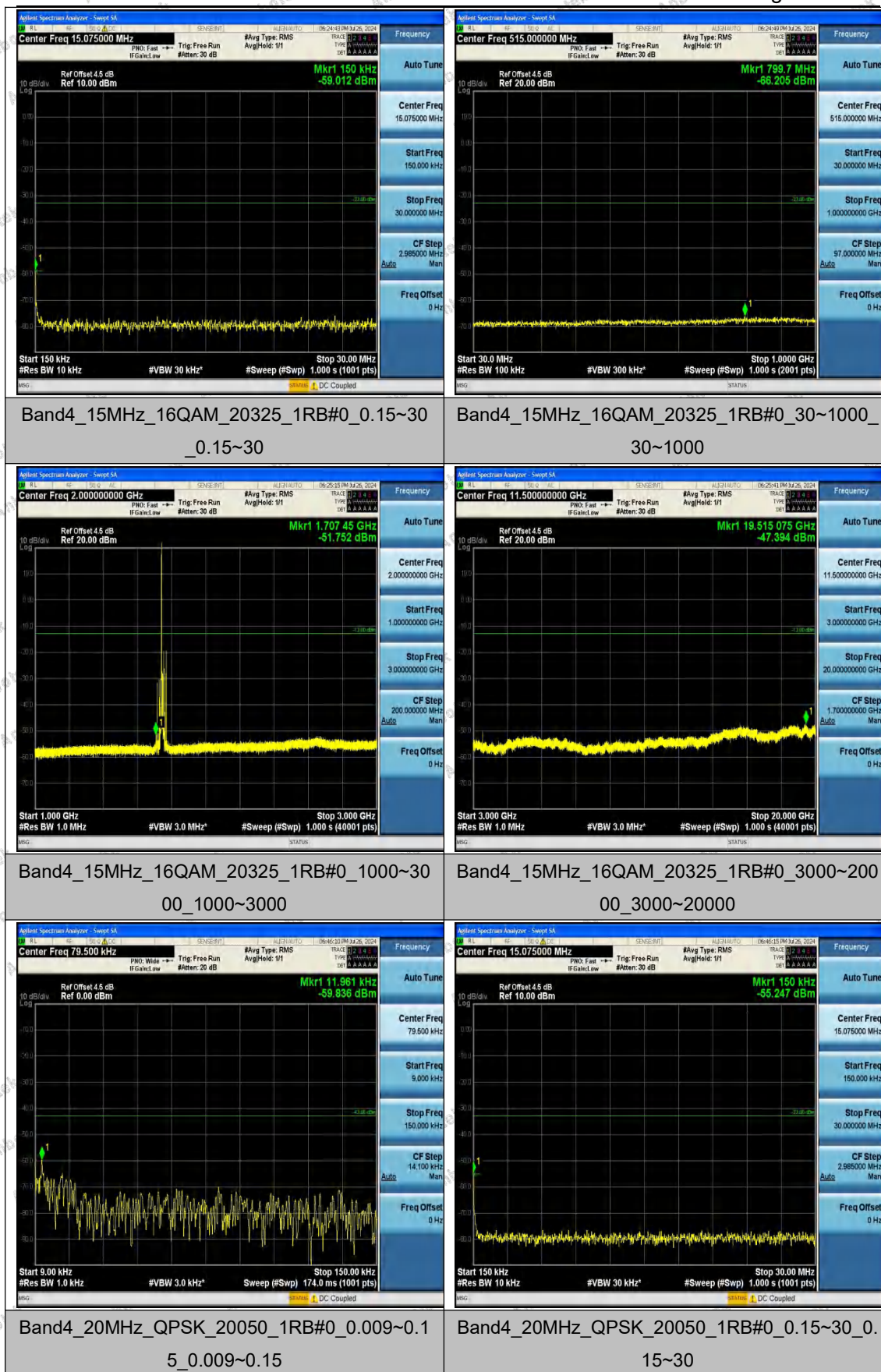
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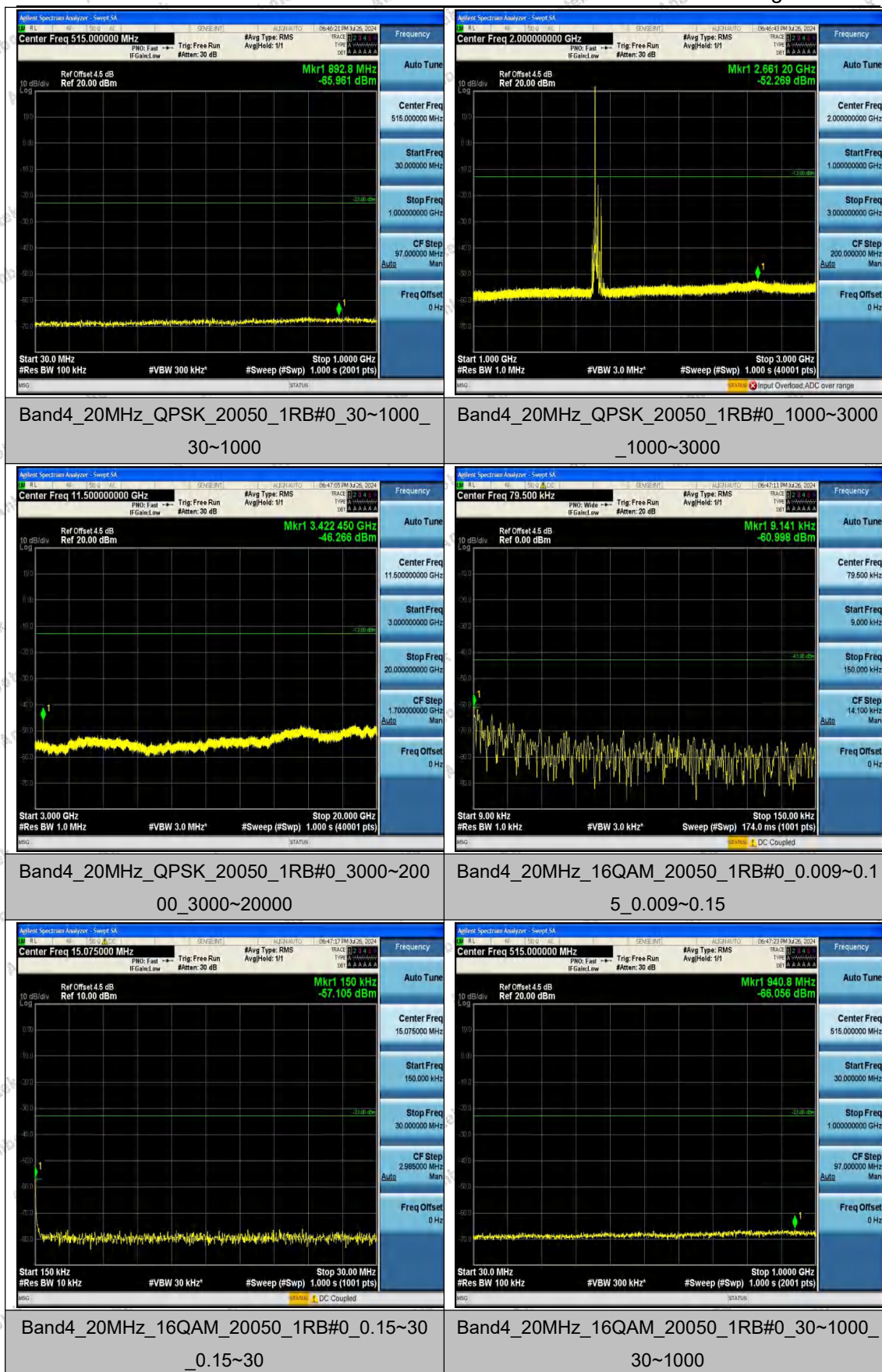
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\_1000~3000

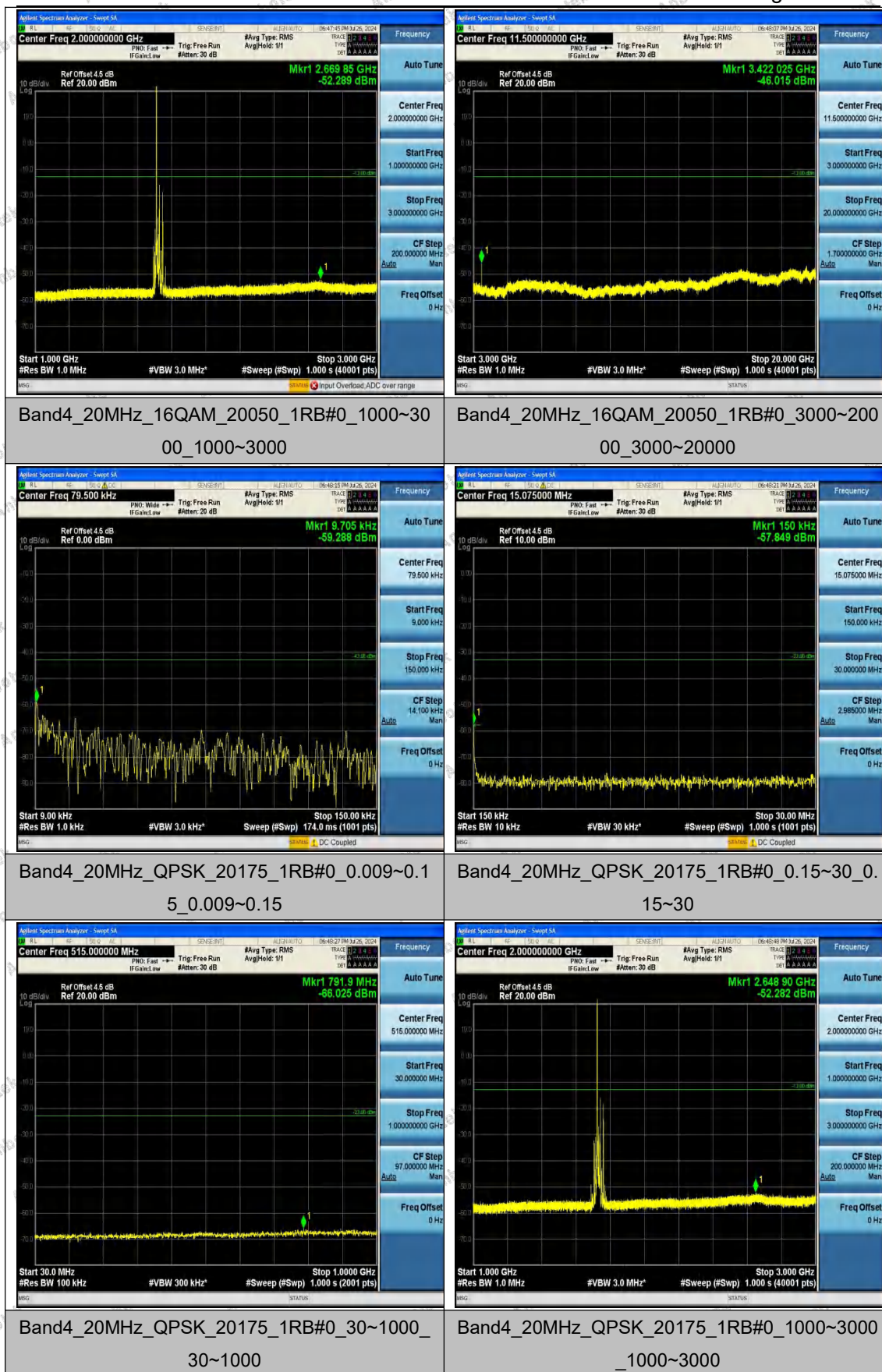


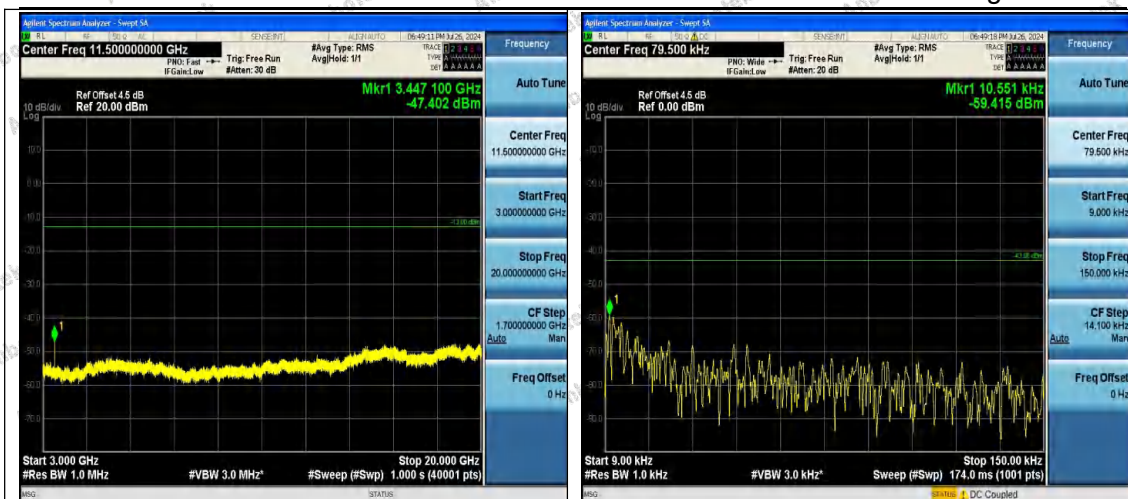






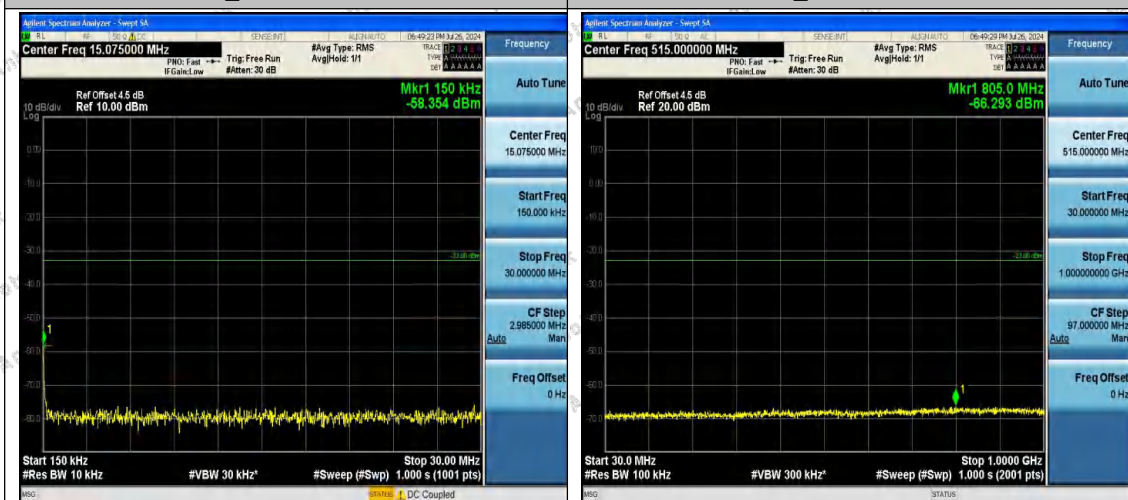






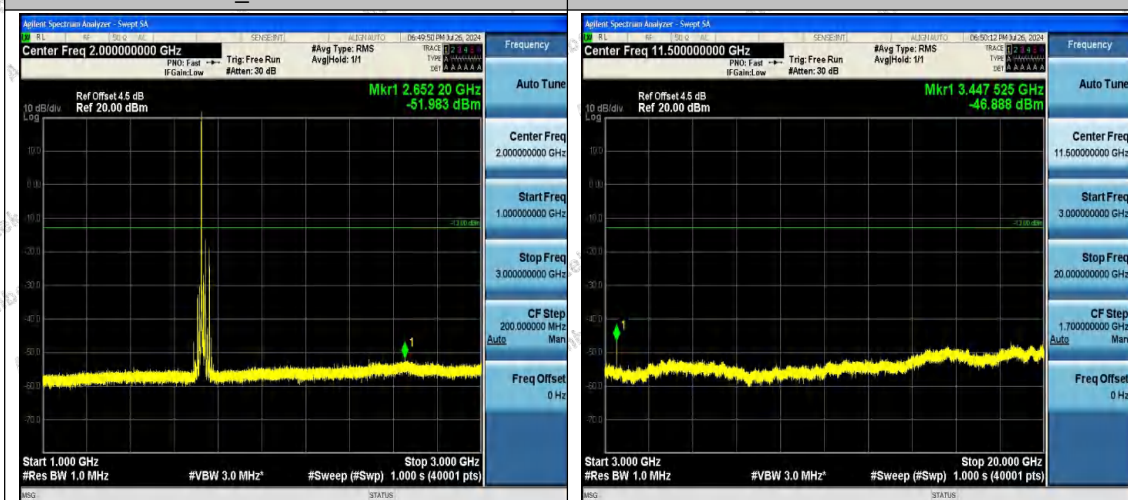
Band4\_20MHz\_QPSK\_20175\_1RB#0\_3000~20000  
00\_3000~20000

Band4\_20MHz\_16QAM\_20175\_1RB#0\_0.009~0.1  
5\_0.009~0.15



Band4\_20MHz\_16QAM\_20175\_1RB#0\_0.15~30  
\_0.15~30

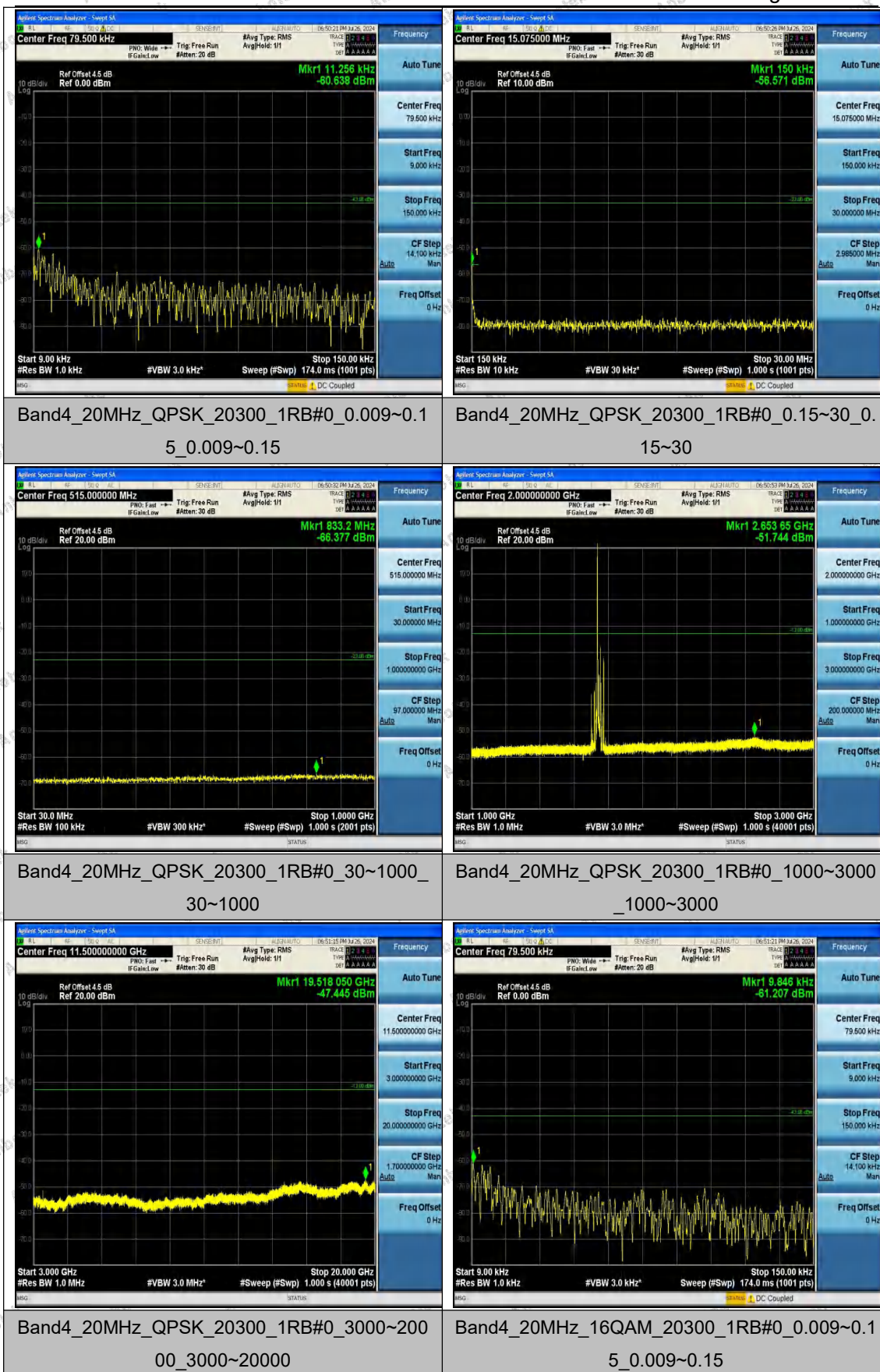
Band4\_20MHz\_16QAM\_20175\_1RB#0\_30~1000  
30~1000

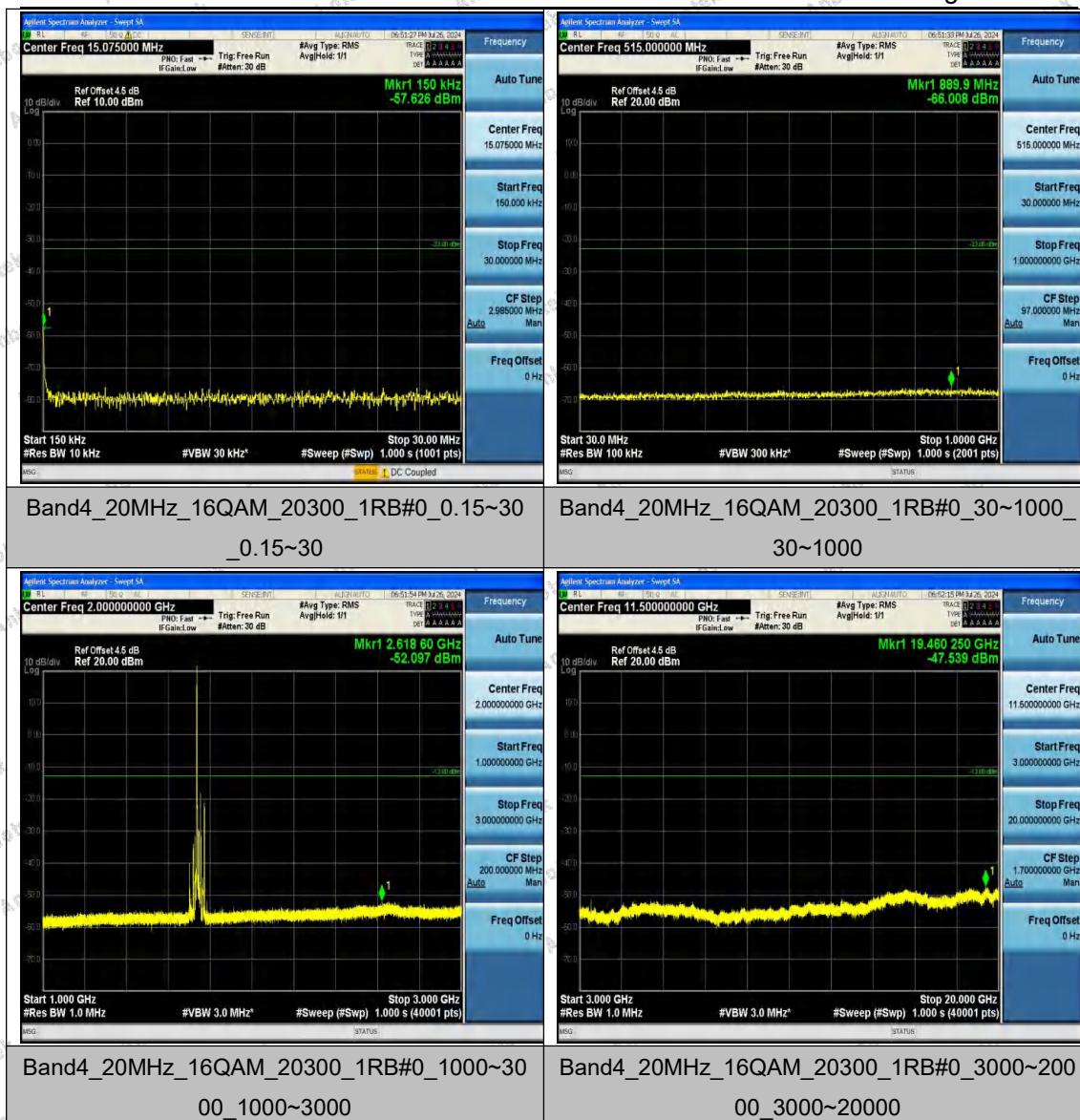


Band4\_20MHz\_16QAM\_20175\_1RB#0\_1000~30  
00\_1000~3000

Band4\_20MHz\_16QAM\_20175\_1RB#0\_3000~200  
00\_3000~20000







## Appendix F: Frequency stability VS Voltage measurement

### 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        | VN            | NT               | 4.49           | 0.002625        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0        | VL            | NT               | 6.54           | 0.003823        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0        | VH            | NT               | -3.28          | -0.001917       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0        | VN            | NT               | -6.65          | -0.003887       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0        | VL            | NT               | -3.29          | -0.001923       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0        | VH            | NT               | 5.08           | 0.002970        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | VN            | NT               | -6.14          | -0.003544       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | VL            | NT               | -7.15          | -0.004127       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0        | VH            | NT               | -8.05          | -0.004646       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0        | VN            | NT               | -8.96          | -0.005172       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0        | VL            | NT               | -3.33          | -0.001922       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0        | VH            | NT               | -5.87          | -0.003388       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0        | VN            | NT               | 15.64          | 0.008915        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0        | VL            | NT               | 18.84          | 0.010739        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0        | VH            | NT               | 15.94          | 0.009086        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0        | VN            | NT               | 4.18           | 0.002383        | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0        | VL            | NT               | -7.77          | -0.004429       | ±2.5        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0        | VH            | NT               | -4.45          | -0.002537       | ±2.5        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0       | VN            | NT               | 6.47           | 0.003780        | ±2.5        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0       | VL            | NT               | 6.21           | 0.003628        | ±2.5        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0       | VH            | NT               | 7.04           | 0.004113        | ±2.5        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0       | VN            | NT               | 7.14           | 0.004172        | ±2.5        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0       | VL            | NT               | 6.51           | 0.003804        | ±2.5        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0       | VH            | NT               | -3.03          | -0.001770       | ±2.5        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0       | VN            | NT               | 5.52           | 0.003186        | ±2.5        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0       | VL            | NT               | 5.71           | 0.003296        | ±2.5        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0       | VH            | NT               | 7.95           | 0.004589        | ±2.5        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0       | VN            | NT               | 6.91           | 0.003988        | ±2.5        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0       | VL            | NT               | 9.04           | 0.005218        | ±2.5        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0       | VH            | NT               | 8.03           | 0.004635        | ±2.5        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0       | VN            | NT               | 5.42           | 0.003091        | ±2.5        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0       | VL            | NT               | 2.85           | 0.001625        | ±2.5        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0       | VH            | NT               | 3.38           | 0.001928        | ±2.5        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0       | VN            | NT               | 8.07           | 0.004602        | ±2.5        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0       | VL            | NT               | 6.01           | 0.003427        | ±2.5        | PASS    |



|       |       |       |       |        |    |    |       |           |      |      |
|-------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band4 | 3MHz  | 16QAM | 20385 | 15RB#0 | VH | NT | 5.72  | 0.003262  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 25RB#0 | VN | NT | 8.17  | 0.004771  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 25RB#0 | VL | NT | 7.64  | 0.004461  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 19975 | 25RB#0 | VH | NT | 4.63  | 0.002704  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | VN | NT | 7.48  | 0.004368  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | VL | NT | 4.96  | 0.002896  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 19975 | 25RB#0 | VH | NT | 5.72  | 0.003340  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | VN | NT | 4.68  | 0.002701  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | VL | NT | 2.79  | 0.001610  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20175 | 25RB#0 | VH | NT | 8.98  | 0.005183  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | VN | NT | 6.98  | 0.004029  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | VL | NT | 4.81  | 0.002776  | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0 | VH | NT | 5.12  | 0.002955  | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | VN | NT | -4.06 | -0.002317 | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | VL | NT | -4.98 | -0.002842 | ±2.5 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0 | VH | NT | -6.15 | -0.003509 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | VN | NT | -3.71 | -0.002117 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | VL | NT | -5.35 | -0.003053 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | VH | NT | 4.94  | 0.002819  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | VN | NT | -3.35 | -0.001953 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | VL | NT | -2.79 | -0.001627 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | VH | NT | -4.86 | -0.002834 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | VN | NT | -4.61 | -0.002688 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | VL | NT | -3.56 | -0.002076 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | VH | NT | -3.99 | -0.002327 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | VN | NT | 5.75  | 0.003319  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | VL | NT | 4.88  | 0.002817  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | VH | NT | 5.74  | 0.003313  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | VN | NT | 4.91  | 0.002834  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | VL | NT | 4.56  | 0.002632  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | VH | NT | -3.85 | -0.002222 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | VN | NT | 4.49  | 0.002566  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | VL | NT | 3.26  | 0.001863  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | VH | NT | 6.45  | 0.003686  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | VN | NT | 3.09  | 0.001766  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | VL | NT | 3.16  | 0.001806  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | VH | NT | 4.06  | 0.002320  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | VN | NT | 4.99  | 0.002905  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | VL | NT | -3.10 | -0.001805 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | VH | NT | 3.58  | 0.002084  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | VN | NT | -5.14 | -0.002993 | ±2.5 | PASS |



|       |       |       |       |         |    |    |       |           |      |      |
|-------|-------|-------|-------|---------|----|----|-------|-----------|------|------|
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | VL | NT | 4.45  | 0.002591  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | VH | NT | 3.79  | 0.002207  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | VN | NT | -3.86 | -0.002228 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | VL | NT | -2.43 | -0.001403 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | VH | NT | 4.92  | 0.002840  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | VN | NT | 3.59  | 0.002072  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | VL | NT | -2.16 | -0.001247 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | VH | NT | 3.49  | 0.002014  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | VN | NT | 4.91  | 0.002810  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | VL | NT | 4.68  | 0.002678  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | VH | NT | 3.19  | 0.001825  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | VN | NT | 4.29  | 0.002455  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | VL | NT | 6.95  | 0.003977  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | VH | NT | 2.63  | 0.001505  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | VN | NT | 5.36  | 0.003116  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | VL | NT | 5.84  | 0.003395  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | VH | NT | 2.90  | 0.001686  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | VN | NT | 8.45  | 0.004913  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | VL | NT | 7.21  | 0.004192  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | VH | NT | 5.59  | 0.003250  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | VN | NT | 3.95  | 0.002280  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | VL | NT | 4.25  | 0.002453  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | VH | NT | 4.99  | 0.002880  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | VN | NT | 6.07  | 0.003504  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | VL | NT | 3.96  | 0.002286  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | VH | NT | 2.86  | 0.001651  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | VN | NT | -4.72 | -0.002705 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | VL | NT | -5.28 | -0.003026 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | VH | NT | -4.31 | -0.002470 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | VN | NT | -4.15 | -0.002378 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | VL | NT | -7.70 | -0.004413 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | VH | NT | -6.04 | -0.003461 | ±2.5 | PASS |



## Appendix G: Frequency stability VS Temperature measurement

### Test Result

| Temperature |           |            |         |                  |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | -30              | 5.85           | 0.003420        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | -20              | -3.19          | -0.001865       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | -10              | 4.89           | 0.002858        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 0                | -5.49          | -0.003209       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 10               | 3.71           | 0.002169        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 20               | 2.82           | 0.001648        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 30               | 3.71           | 0.002169        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 40               | -3.75          | -0.002192       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 19957   | 6RB#0            | NV            | 50               | -3.78          | -0.002210       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | -30              | 4.06           | 0.002373        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | -20              | 6.79           | 0.003969        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | -10              | -4.16          | -0.002432       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | 0                | 7.44           | 0.004349        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | 10               | 5.04           | 0.002946        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | 20               | 14.31          | 0.008365        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | 30               | 4.92           | 0.002876        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | 40               | -5.78          | -0.003379       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | NV            | 50               | -4.42          | -0.002584       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | -30              | -6.39          | -0.003688       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | -20              | -6.38          | -0.003683       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | -10              | -6.94          | -0.004006       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 0                | -4.69          | -0.002707       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 10               | -7.44          | -0.004294       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 20               | -5.08          | -0.002932       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 30               | -5.15          | -0.002973       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 40               | -5.42          | -0.003128       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | QPSK       | 20175   | 6RB#0            | NV            | 50               | -6.77          | -0.003908       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | NV            | -30              | 4.45           | 0.002569        | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | NV            | -20              | -5.76          | -0.003325       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | NV            | -10              | -4.46          | -0.002574       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | NV            | 0                | -5.42          | -0.003128       | ±2.5        | PASS    |
| Band4       | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | NV            | 10               | -5.26          | -0.003036       | ±2.5        | PASS    |

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|       |        |       |       |        |    |     |       |           |      |      |
|-------|--------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 20  | 3.22  | 0.001859  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 30  | -6.84 | -0.003948 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 40  | -3.22 | -0.001859 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | NV | 50  | 5.08  | 0.002932  | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | -30 | 16.54 | 0.009428  | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | -20 | 13.85 | 0.007895  | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | -10 | 11.17 | 0.006367  | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | 0   | 10.93 | 0.006230  | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | 10  | 11.49 | 0.006550  | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | 20  | 8.51  | 0.004851  | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | 30  | 9.54  | 0.005438  | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | 40  | 8.48  | 0.004834  | ±2.5 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | NV | 50  | 6.69  | 0.003813  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | -30 | 3.13  | 0.001784  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | -20 | 4.21  | 0.002400  | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | -10 | -5.48 | -0.003124 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 0   | -5.36 | -0.003055 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 10  | -5.54 | -0.003158 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 20  | -7.00 | -0.003990 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 30  | -4.16 | -0.002371 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 40  | -5.75 | -0.003278 | ±2.5 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | NV | 50  | -6.74 | -0.003842 | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | -30 | 6.41  | 0.003745  | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | -20 | 5.94  | 0.003471  | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | -10 | 6.77  | 0.003956  | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 0   | 6.35  | 0.003710  | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 10  | 4.89  | 0.002857  | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 20  | 7.61  | 0.004446  | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 30  | 7.07  | 0.004131  | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 40  | 5.25  | 0.003067  | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | NV | 50  | 6.29  | 0.003675  | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | -30 | 4.78  | 0.002793  | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | -20 | 3.69  | 0.002156  | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | -10 | 5.74  | 0.003354  | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 0   | 5.18  | 0.003027  | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 10  | 3.83  | 0.002238  | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 20  | 6.39  | 0.003734  | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 30  | -2.10 | -0.001227 | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 40  | 6.29  | 0.003675  | ±2.5 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | NV | 50  | 6.01  | 0.003512  | ±2.5 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | NV | -30 | 4.43  | 0.002557  | ±2.5 | PASS |

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|       |      |       |       |        |    |     |      |          |      |      |
|-------|------|-------|-------|--------|----|-----|------|----------|------|------|
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | NV | -20 | 3.05 | 0.001760 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | NV | -10 | 3.39 | 0.001957 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | NV | 0   | 6.84 | 0.003948 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | NV | 10  | 4.99 | 0.002880 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | NV | 20  | 9.74 | 0.005622 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | NV | 30  | 4.06 | 0.002343 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | NV | 40  | 4.39 | 0.002534 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | NV | 50  | 6.18 | 0.003567 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | -30 | 5.15 | 0.002973 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | -20 | 7.20 | 0.004156 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | -10 | 6.47 | 0.003734 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 0   | 7.90 | 0.004560 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 10  | 5.51 | 0.003180 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 20  | 8.70 | 0.005022 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 30  | 6.28 | 0.003625 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 40  | 6.67 | 0.003850 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | NV | 50  | 6.74 | 0.003890 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | -30 | 5.54 | 0.003159 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | -20 | 3.93 | 0.002241 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | -10 | 3.33 | 0.001899 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 0   | 3.36 | 0.001916 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 10  | 7.15 | 0.004078 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 20  | 5.76 | 0.003285 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 30  | 5.49 | 0.003131 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 40  | 4.88 | 0.002783 | ±2.5 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | NV | 50  | 5.62 | 0.003205 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | -30 | 7.17 | 0.004089 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | -20 | 5.16 | 0.002943 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | -10 | 5.79 | 0.003302 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 0   | 7.84 | 0.004471 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 10  | 5.16 | 0.002943 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 20  | 5.54 | 0.003159 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 30  | 4.59 | 0.002618 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 40  | 4.73 | 0.002697 | ±2.5 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | NV | 50  | 5.81 | 0.003313 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | -30 | 5.98 | 0.003492 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | -20 | 8.58 | 0.005010 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | -10 | 6.22 | 0.003632 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 0   | 9.14 | 0.005337 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 10  | 3.19 | 0.001863 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 20  | 6.47 | 0.003778 | ±2.5 | PASS |

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|       |      |       |       |        |    |     |       |           |      |      |
|-------|------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 30  | 7.00  | 0.004088  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 40  | 7.91  | 0.004619  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0 | NV | 50  | 9.44  | 0.005512  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | -30 | 6.69  | 0.003907  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | -20 | 8.00  | 0.004672  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | -10 | 8.37  | 0.004888  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 0   | 7.77  | 0.004537  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 10  | 7.32  | 0.004274  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 20  | 8.91  | 0.005203  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 30  | 5.15  | 0.003007  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 40  | 4.65  | 0.002715  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | NV | 50  | 6.78  | 0.003959  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | -30 | 4.39  | 0.002534  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | -20 | 4.63  | 0.002672  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | -10 | 4.59  | 0.002649  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 0   | 9.51  | 0.005489  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 10  | 5.56  | 0.003209  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 20  | 4.75  | 0.002742  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 30  | 6.11  | 0.003527  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 40  | 6.25  | 0.003608  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0 | NV | 50  | 5.01  | 0.002892  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | -30 | 5.45  | 0.003146  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | -20 | 2.95  | 0.001703  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | -10 | 8.81  | 0.005085  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | 0   | -3.29 | -0.001899 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | 10  | 6.49  | 0.003746  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | 20  | 8.61  | 0.004970  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | 30  | 7.08  | 0.004087  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | 40  | 6.12  | 0.003532  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | NV | 50  | 5.09  | 0.002938  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | -30 | 3.09  | 0.001763  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | -20 | -4.65 | -0.002653 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | -10 | 4.02  | 0.002294  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 0   | -3.95 | -0.002254 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 10  | 2.39  | 0.001364  | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 20  | -4.22 | -0.002408 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 30  | -5.35 | -0.003053 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 40  | -7.02 | -0.004006 | ±2.5 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0 | NV | 50  | -5.74 | -0.003275 | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | NV | -30 | 4.48  | 0.002556  | ±2.5 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | NV | -20 | -4.28 | -0.002442 | ±2.5 | PASS |



|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | -10 | -5.24 | -0.002990 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 0   | -6.52 | -0.003720 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 10  | -4.12 | -0.002351 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 20  | -6.47 | -0.003692 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 30  | -5.91 | -0.003372 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 40  | -5.36 | -0.003058 | ±2.5 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0 | NV | 50  | -5.32 | -0.003036 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | -30 | -6.44 | -0.003755 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | -20 | -3.93 | -0.002292 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | -10 | -4.89 | -0.002851 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 0   | -3.71 | -0.002163 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 10  | 3.73  | 0.002175  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 20  | -6.12 | -0.003569 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 30  | -4.92 | -0.002869 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 40  | -4.31 | -0.002513 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0 | NV | 50  | -5.41 | -0.003155 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | -30 | -4.63 | -0.002700 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | -20 | -4.29 | -0.002501 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | -10 | -3.25 | -0.001895 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 0   | -6.78 | -0.003953 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 10  | -2.25 | -0.001312 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 20  | -7.52 | -0.004385 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 30  | 3.72  | 0.002169  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 40  | -6.35 | -0.003703 | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | NV | 50  | -3.49 | -0.002035 | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | -30 | 2.55  | 0.001472  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | -20 | 5.74  | 0.003313  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | -10 | 7.54  | 0.004352  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 0   | 4.76  | 0.002747  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 10  | 6.75  | 0.003896  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 20  | 6.95  | 0.004012  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 30  | 5.89  | 0.003400  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 40  | 5.78  | 0.003336  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0 | NV | 50  | 3.40  | 0.001962  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | -30 | 7.67  | 0.004427  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | -20 | 5.32  | 0.003071  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | -10 | 10.49 | 0.006055  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 0   | 8.28  | 0.004779  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 10  | 3.53  | 0.002038  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 20  | 4.31  | 0.002488  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 30  | 6.07  | 0.003504  | ±2.5 | PASS |



|       |       |       |       |        |    |     |       |           |      |      |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 40  | 6.37  | 0.003677  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | NV | 50  | 7.02  | 0.004052  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | -30 | 5.66  | 0.003234  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | -20 | 4.75  | 0.002714  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | -10 | 6.87  | 0.003926  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 0   | 6.31  | 0.003606  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 10  | 5.76  | 0.003291  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 20  | 7.17  | 0.004097  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 30  | 2.09  | 0.001194  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 40  | 5.61  | 0.003206  | ±2.5 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0 | NV | 50  | 6.57  | 0.003754  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | -30 | 5.51  | 0.003149  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | -20 | 5.54  | 0.003166  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | -10 | 3.50  | 0.002000  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 0   | 4.59  | 0.002623  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 10  | 5.02  | 0.002869  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 20  | 5.74  | 0.003280  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 30  | 5.08  | 0.002903  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 40  | 4.95  | 0.002829  | ±2.5 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | NV | 50  | 6.55  | 0.003743  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | -30 | 5.05  | 0.002940  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | -20 | -2.22 | -0.001293 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | -10 | -3.58 | -0.002084 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 0   | 2.93  | 0.001706  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 10  | -3.36 | -0.001956 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 20  | -3.25 | -0.001892 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 30  | 4.92  | 0.002865  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 40  | -4.79 | -0.002789 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0 | NV | 50  | 5.32  | 0.003098  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | -30 | -3.65 | -0.002125 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | -20 | 4.11  | 0.002393  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | -10 | 5.91  | 0.003441  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 0   | 7.14  | 0.004157  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 10  | 4.02  | 0.002341  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 20  | -4.26 | -0.002480 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 30  | 3.26  | 0.001898  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 40  | -4.45 | -0.002591 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | NV | 50  | 3.30  | 0.001921  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | -30 | 4.39  | 0.002534  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | -20 | 5.08  | 0.002932  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0 | NV | -10 | -3.28 | -0.001893 | ±2.5 | PASS |



|       |       |       |       |         |    |     |       |           |      |      |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | NV | 0   | 3.96  | 0.002286  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | NV | 10  | 5.64  | 0.003255  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | NV | 20  | 5.11  | 0.002949  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | NV | 30  | 3.86  | 0.002228  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | NV | 40  | -4.66 | -0.002690 | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | NV | 50  | 3.33  | 0.001922  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | NV | -30 | 6.11  | 0.003527  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | NV | -20 | -4.13 | -0.002384 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | NV | -10 | 1.80  | 0.001039  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | NV | 0   | 4.51  | 0.002603  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | NV | 10  | 7.08  | 0.004087  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | NV | 20  | 4.69  | 0.002707  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | NV | 30  | -4.53 | -0.002615 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | NV | 40  | 4.73  | 0.002730  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | NV | 50  | 4.29  | 0.002476  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | NV | -30 | 5.06  | 0.002896  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | NV | -20 | 7.77  | 0.004446  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | NV | -10 | 5.19  | 0.002970  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | NV | 0   | 4.35  | 0.002489  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | NV | 10  | 2.78  | 0.001591  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | NV | 20  | 3.99  | 0.002283  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | NV | 30  | 3.95  | 0.002260  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | NV | 40  | 2.22  | 0.001270  | ±2.5 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | NV | 50  | 5.19  | 0.002970  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | -30 | 5.19  | 0.002970  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | -20 | 5.29  | 0.003027  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | -10 | 3.33  | 0.001906  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 0   | 5.28  | 0.003021  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 10  | 5.26  | 0.003010  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 20  | 2.92  | 0.001671  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 30  | -4.08 | -0.002335 | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 40  | 5.05  | 0.002890  | ±2.5 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | NV | 50  | 3.86  | 0.002209  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | -30 | 7.01  | 0.004076  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | -20 | 5.41  | 0.003145  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | -10 | 6.18  | 0.003593  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 0   | 4.71  | 0.002738  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 10  | 7.61  | 0.004424  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 20  | 6.25  | 0.003634  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 30  | 4.01  | 0.002331  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 40  | 7.74  | 0.004500  | ±2.5 | PASS |



|       |       |       |       |         |    |     |       |           |      |      |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | NV | 50  | 6.64  | 0.003860  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -30 | 6.81  | 0.003959  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -20 | 6.29  | 0.003657  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -10 | 7.78  | 0.004523  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 0   | 5.95  | 0.003459  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 10  | 3.75  | 0.002180  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 20  | 3.42  | 0.001988  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 30  | 4.12  | 0.002395  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 40  | 7.04  | 0.004093  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 50  | 4.99  | 0.002901  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | -30 | 3.78  | 0.002182  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | -20 | 4.19  | 0.002418  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | -10 | 5.04  | 0.002909  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 0   | 4.75  | 0.002742  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 10  | 6.68  | 0.003856  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 20  | 4.29  | 0.002476  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 30  | 5.62  | 0.003244  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 40  | 5.28  | 0.003048  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | NV | 50  | 7.18  | 0.004144  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -30 | 4.01  | 0.002315  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -20 | 4.81  | 0.002776  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -10 | -3.63 | -0.002095 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 0   | -4.09 | -0.002361 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 10  | 5.51  | 0.003180  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 20  | -4.13 | -0.002384 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 30  | -2.85 | -0.001645 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 40  | 5.14  | 0.002967  | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 50  | -3.20 | -0.001847 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | -30 | 2.69  | 0.001542  | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | -20 | -4.61 | -0.002642 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | -10 | -5.11 | -0.002928 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 0   | -4.32 | -0.002476 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 10  | -4.91 | -0.002814 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 20  | -4.92 | -0.002819 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 30  | -4.99 | -0.002860 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 40  | -2.16 | -0.001238 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | NV | 50  | -4.22 | -0.002418 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -30 | -6.91 | -0.003960 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -20 | -3.26 | -0.001868 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -10 | -5.78 | -0.003312 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 0   | -4.53 | -0.002596 | ±2.5 | PASS |

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|       |       |       |       |         |    |    |       |           |      |      |
|-------|-------|-------|-------|---------|----|----|-------|-----------|------|------|
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 10 | -5.05 | -0.002894 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 20 | -7.72 | -0.004424 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 30 | -5.24 | -0.003003 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 40 | -6.21 | -0.003559 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 50 | -6.91 | -0.003960 | ±2.5 | PASS |

---END---

