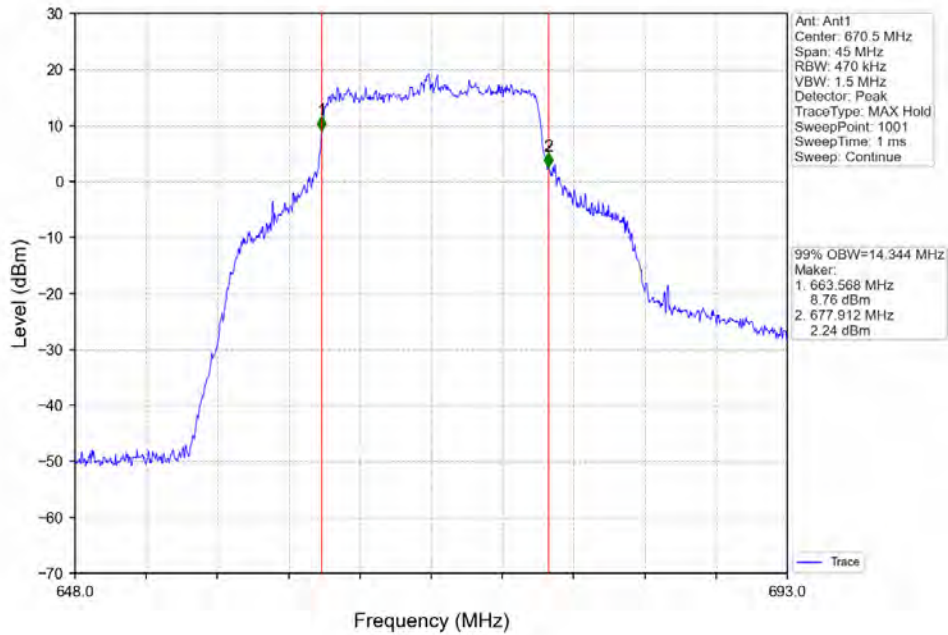
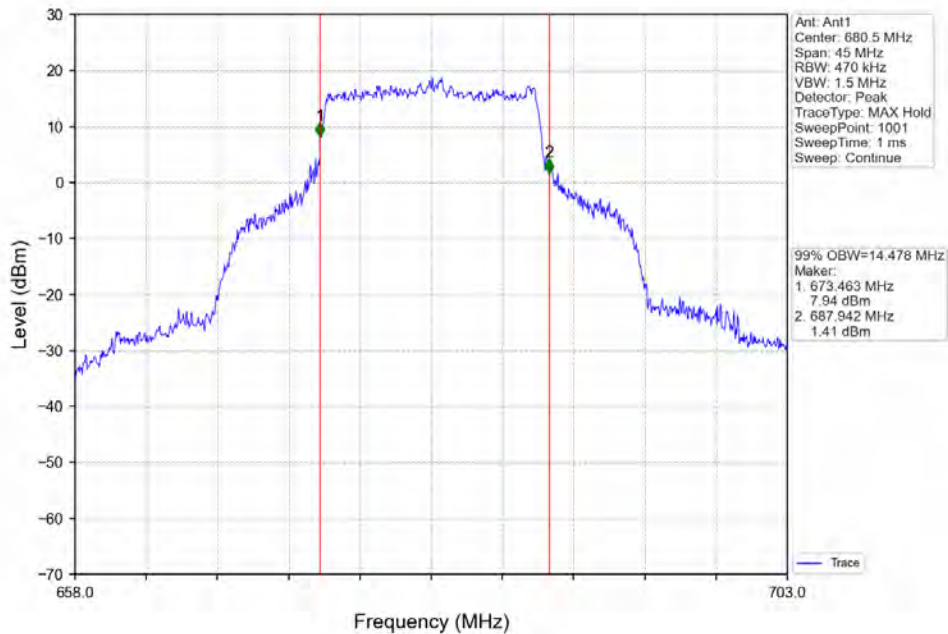




Band 71 15MHz 64QAM LCH 670.5MHz RB 75 0 NTV



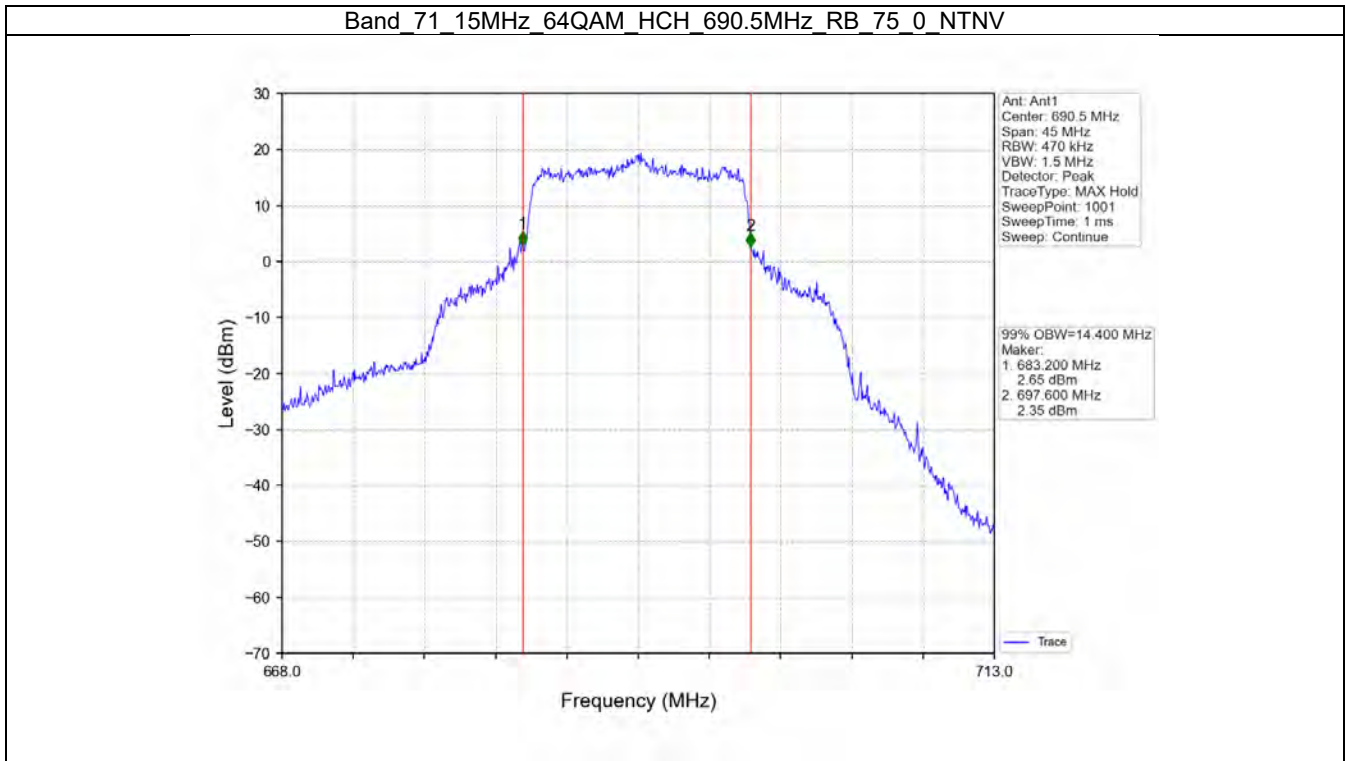
Band 71 15MHz 64QAM MCH 680.5MHz RB 75 0 NTV





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**Test Report No.: W7L-P20210616-3RF03**



BV 7Layers Communications  
Technology (Shenzhen) Co. Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan  
Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

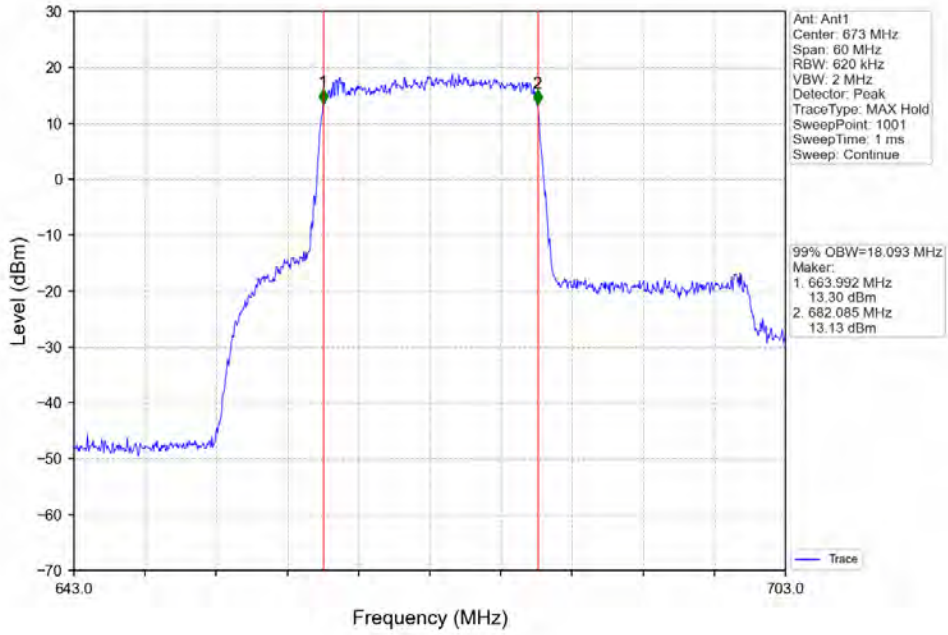
Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

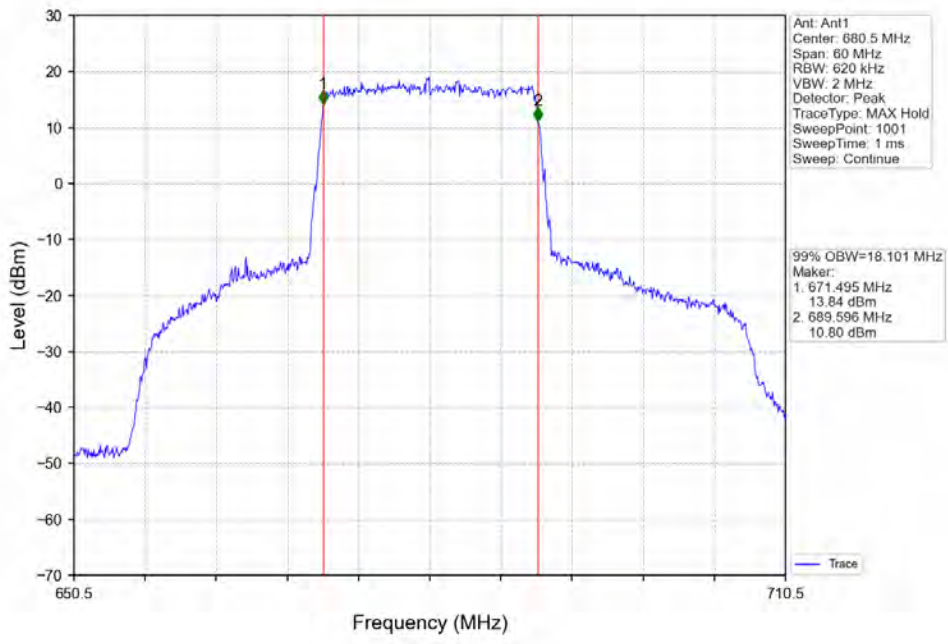
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band 71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



Band 71 20MHz QPSK MCH 680.5MHz RB 100 0 NTNV



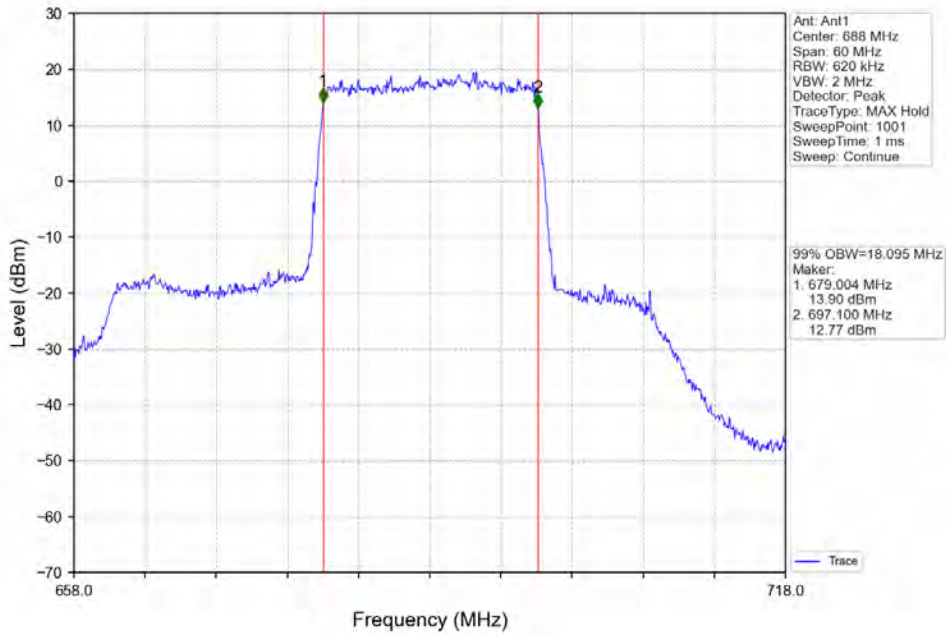
BV 7Layers Communications Technology (Shenzhen) Co. Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China

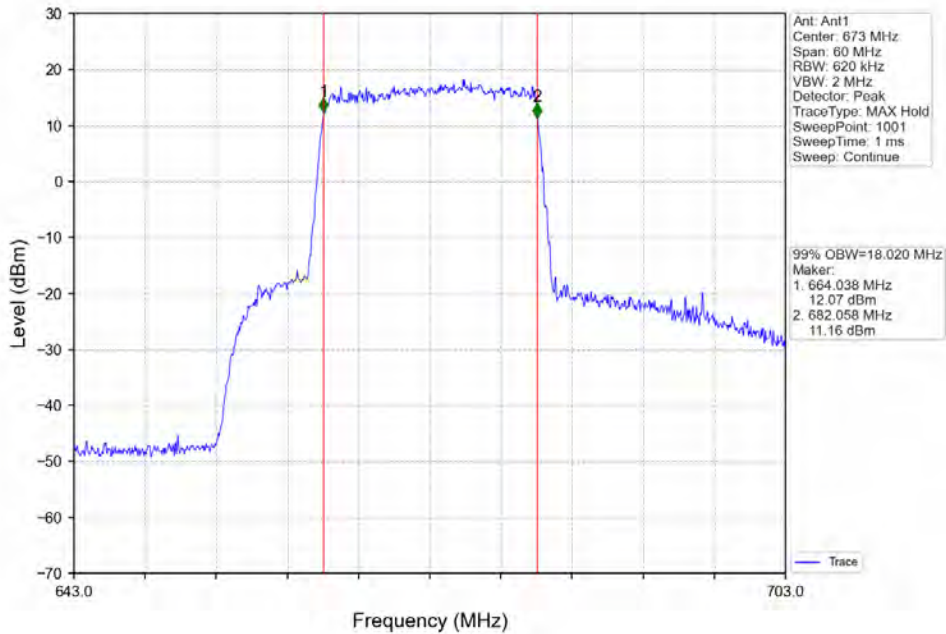
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Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band 71 20MHz QPSK HCH 688MHz RB 100 0 NTN

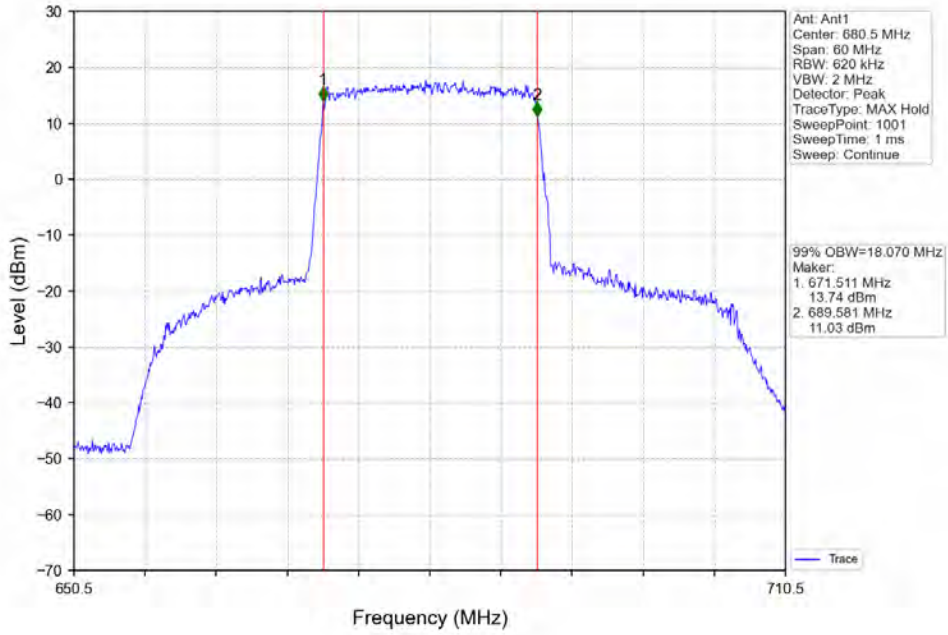


Band 71 20MHz 16QAM LCH 673MHz RB 100 0 NTN

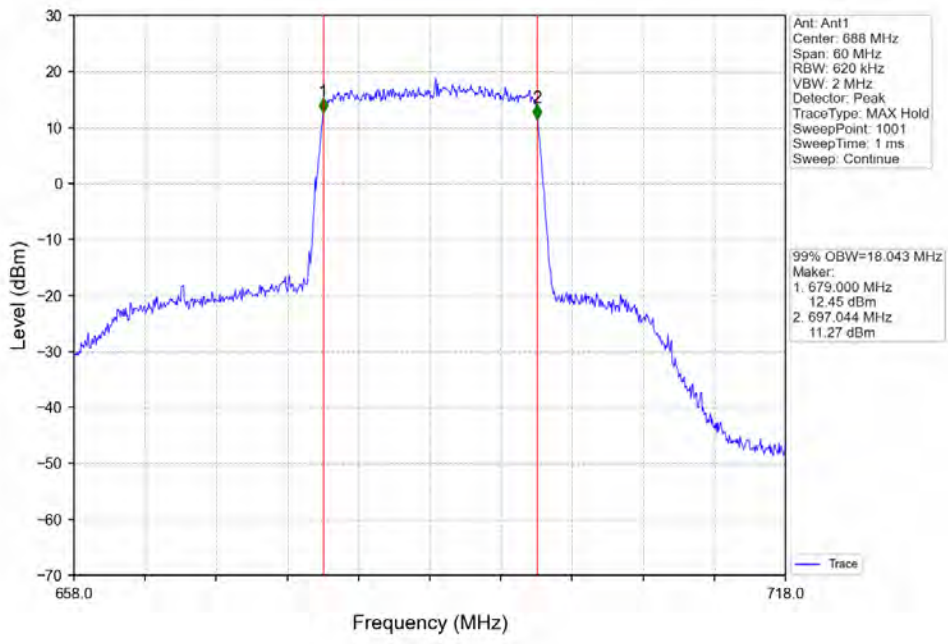




Band 71 20MHz 16QAM MCH 680.5MHz RB 100 0 NTV



Band 71 20MHz 16QAM HCH 688MHz RB 100 0 NTV



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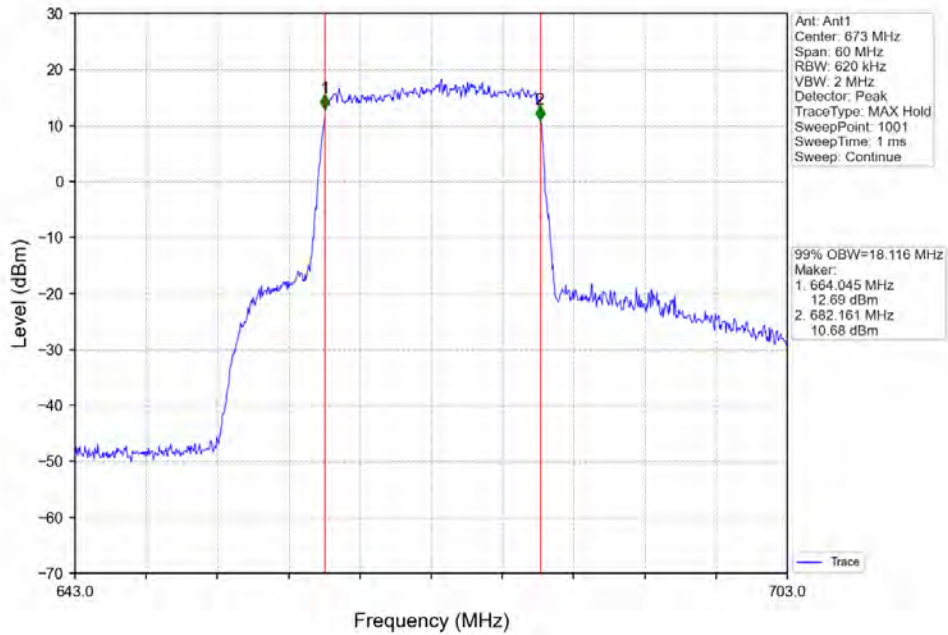
No.B102, Dazhu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China

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 Fax: +86 755 8869 6577  
 Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)

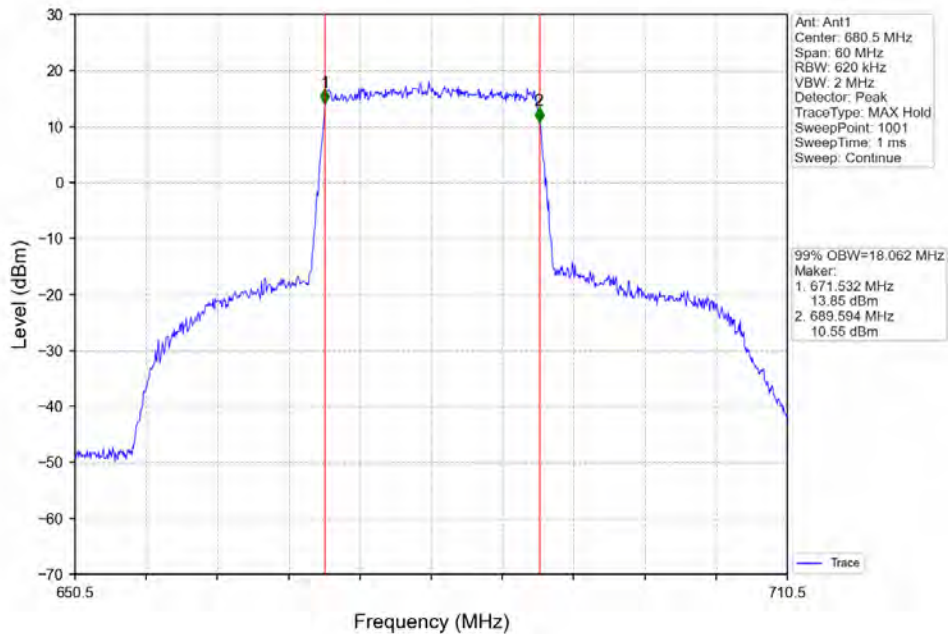




Band 71 20MHz 64QAM LCH 673MHz RB 100\_0 NTN



Band 71 20MHz 64QAM MCH 680.5MHz RB 100\_0 NTN



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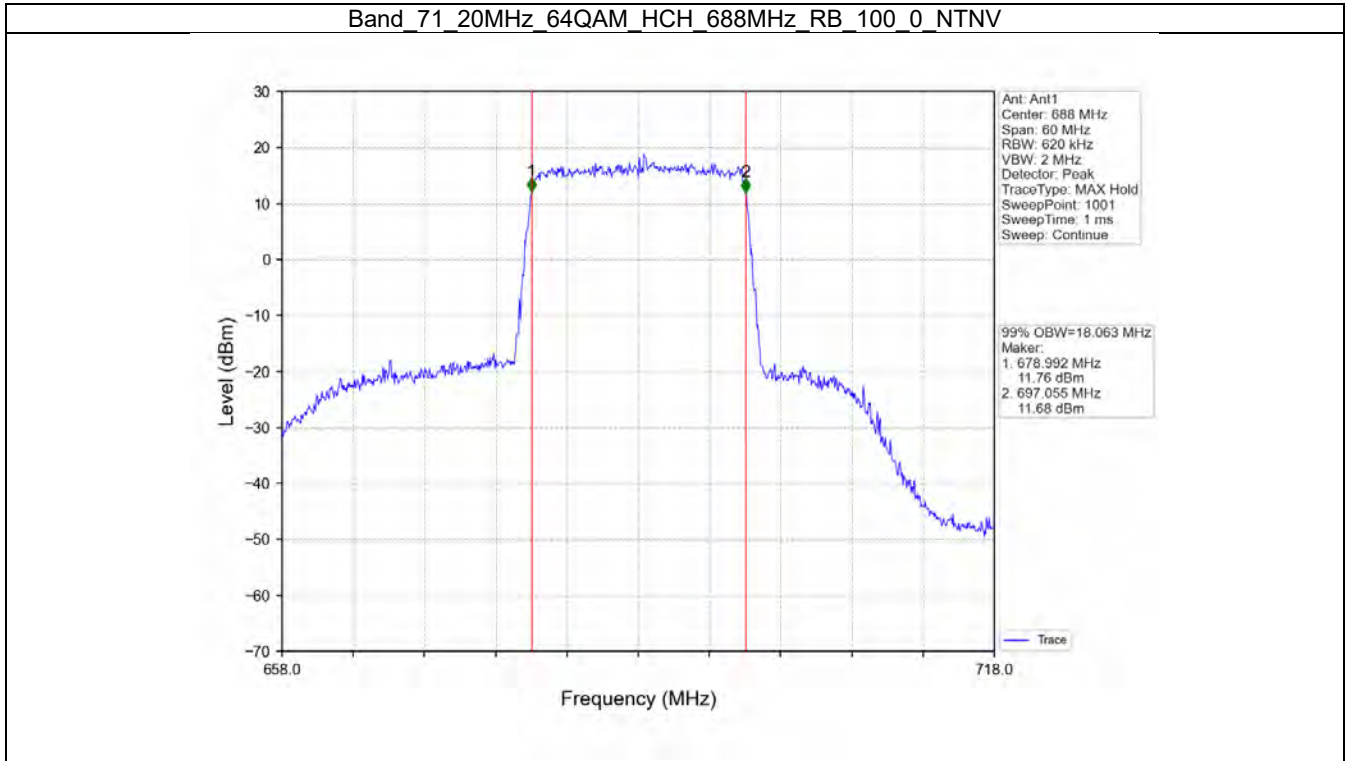
Fax: +86 755 8869 6577

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## 2.14 LTE Band 71 26DB

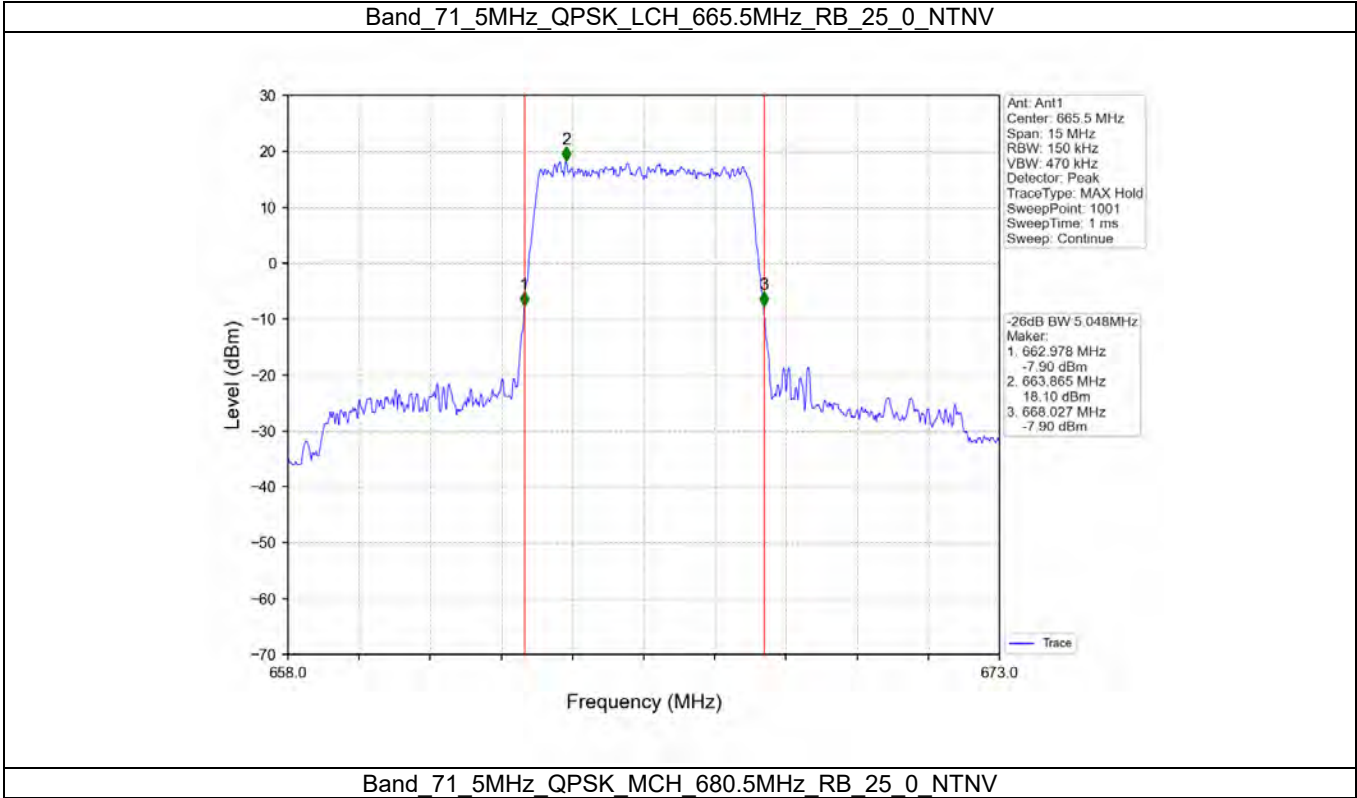
### 2.14.1 Test Result

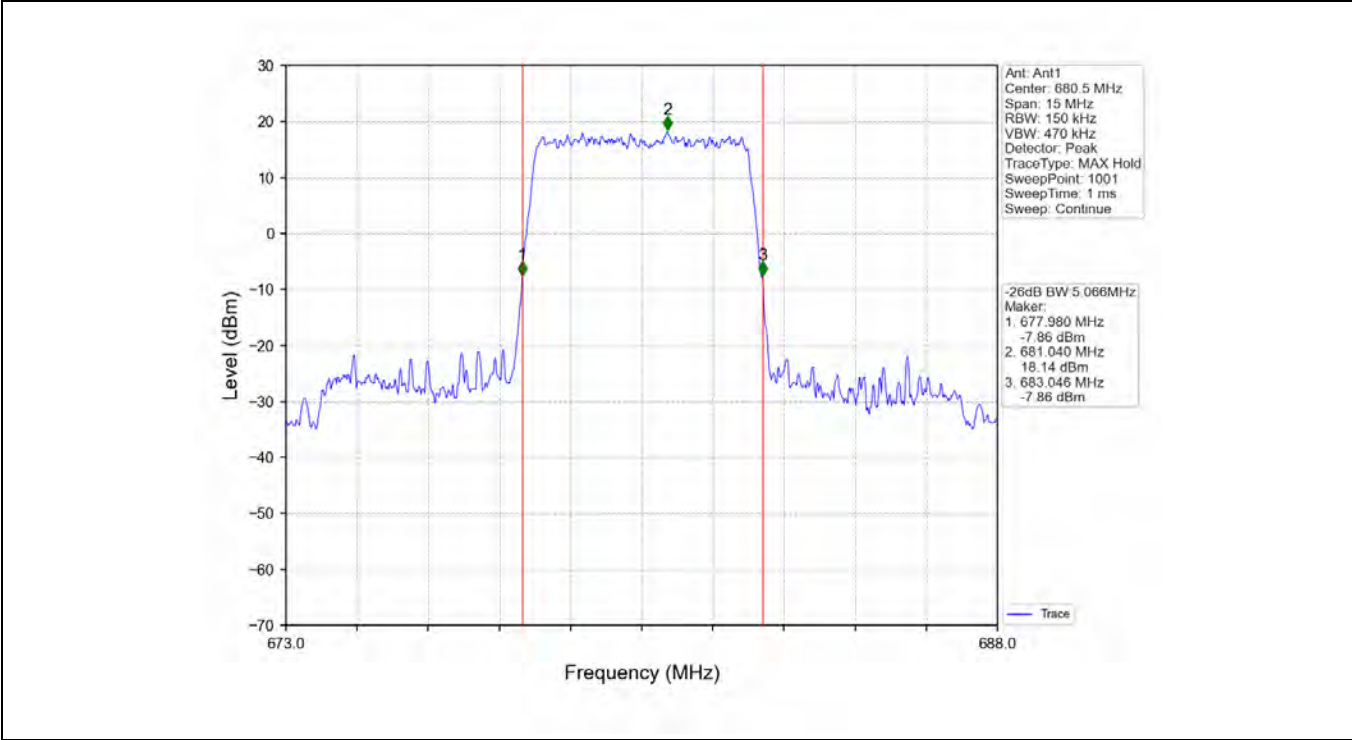
| Band: 71 / Bandwidth: 5MHz / NTNV  |               |        |                      |        |         |             |         |
|------------------------------------|---------------|--------|----------------------|--------|---------|-------------|---------|
| Modulation                         | RB Allocation |        | 26dB Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|                                    | Size          | Offset | LCH                  | MCH    | HCH     |             |         |
| QPSK                               | 25            | 0      | 5.048                | 5.066  | 5.029   | /           | Pass    |
| 16QAM                              | 25            | 0      | 5.038                | 5.040  | 5.073   | /           | Pass    |
| 64QAM                              | 25            | 0      | 5.045                | 5.053  | 5.043   | /           | Pass    |
| Band: 71 / Bandwidth: 10MHz / NTNV |               |        |                      |        |         |             |         |
| Modulation                         | RB Allocation |        | 26dB Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|                                    | Size          | Offset | LCH                  | MCH    | HCH     |             |         |
| QPSK                               | 50            | 0      | 10.053               | 9.961  | 9.972   | /           | Pass    |
| 16QAM                              | 50            | 0      | 9.981                | 9.876  | 9.891   | /           | Pass    |
| 64QAM                              | 50            | 0      | 9.897                | 9.966  | 9.918   | /           | Pass    |
| Band: 71 / Bandwidth: 15MHz / NTNV |               |        |                      |        |         |             |         |
| Modulation                         | RB Allocation |        | 26dB Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|                                    | Size          | Offset | LCH                  | MCH    | HCH     |             |         |
| QPSK                               | 75            | 0      | 15.034               | 15.005 | 14.889  | /           | Pass    |
| 16QAM                              | 75            | 0      | 14.947               | 14.943 | 14.996  | /           | Pass    |
| 64QAM                              | 75            | 0      | 22.283               | 23.853 | 23.885  | /           | Pass    |
| Band: 71 / Bandwidth: 20MHz / NTNV |               |        |                      |        |         |             |         |
| Modulation                         | RB Allocation |        | 26dB Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|                                    | Size          | Offset | LCH                  | MCH    | HCH     |             |         |
| QPSK                               | 100           | 0      | 19.761               | 20.134 | 19.84.0 | /           | Pass    |
| 16QAM                              | 100           | 0      | 19.799               | 19.848 | 19.672  | /           | Pass    |
| 64QAM                              | 100           | 0      | 19.822               | 19.733 | 19.962  | /           | Pass    |





### 2.14.2 Test Graph





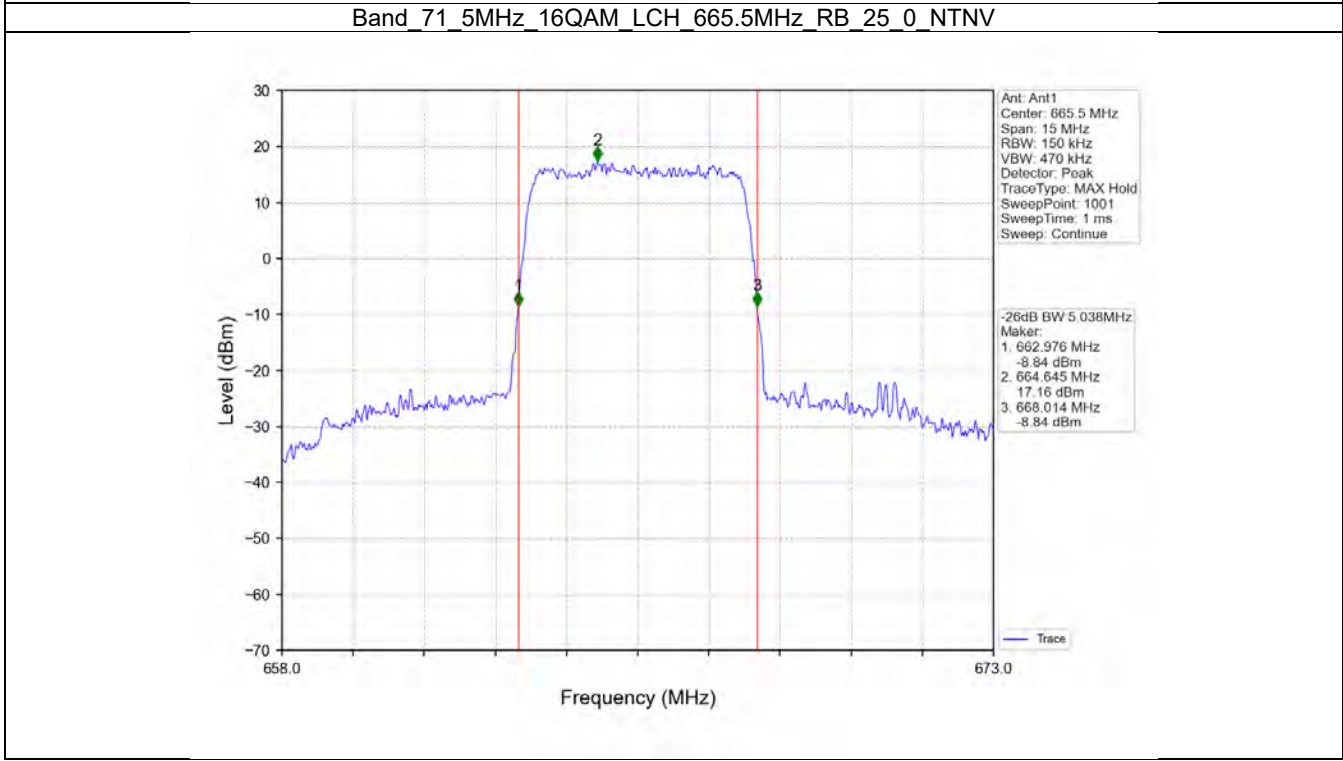
BV 7Layers Communications  
Technology (Shenzhen) Co. Ltd

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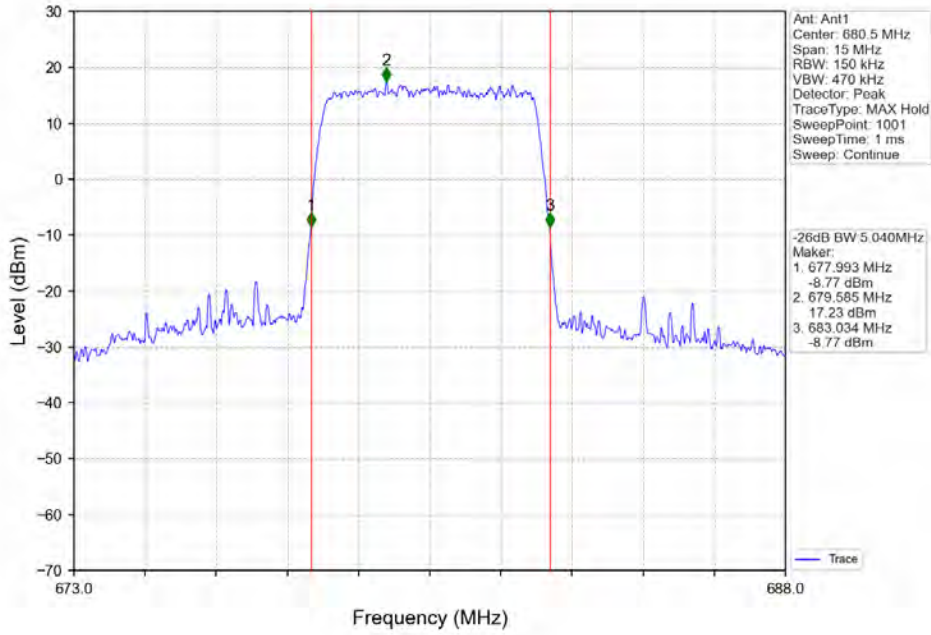
Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

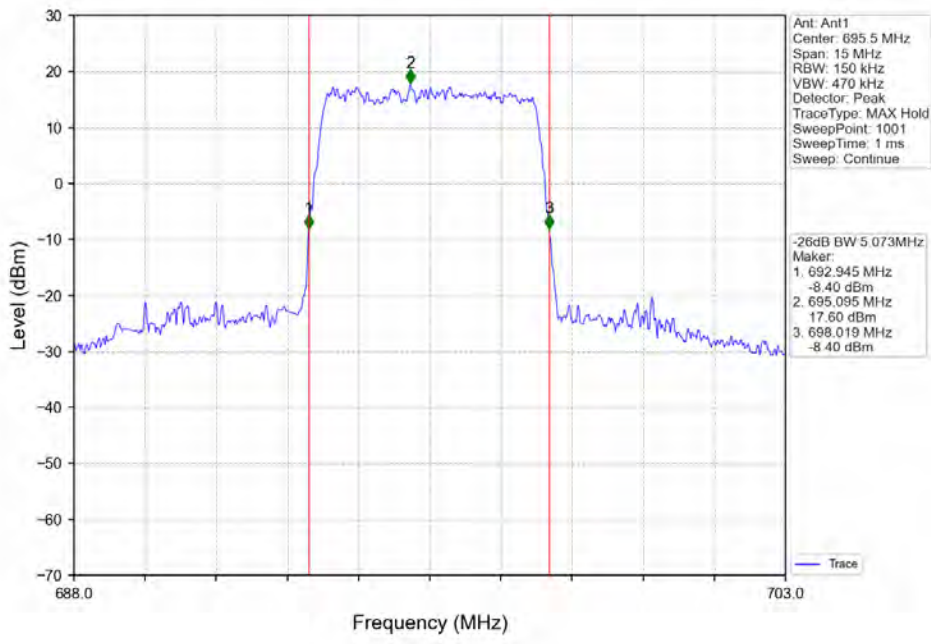
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band 71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



Band 71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



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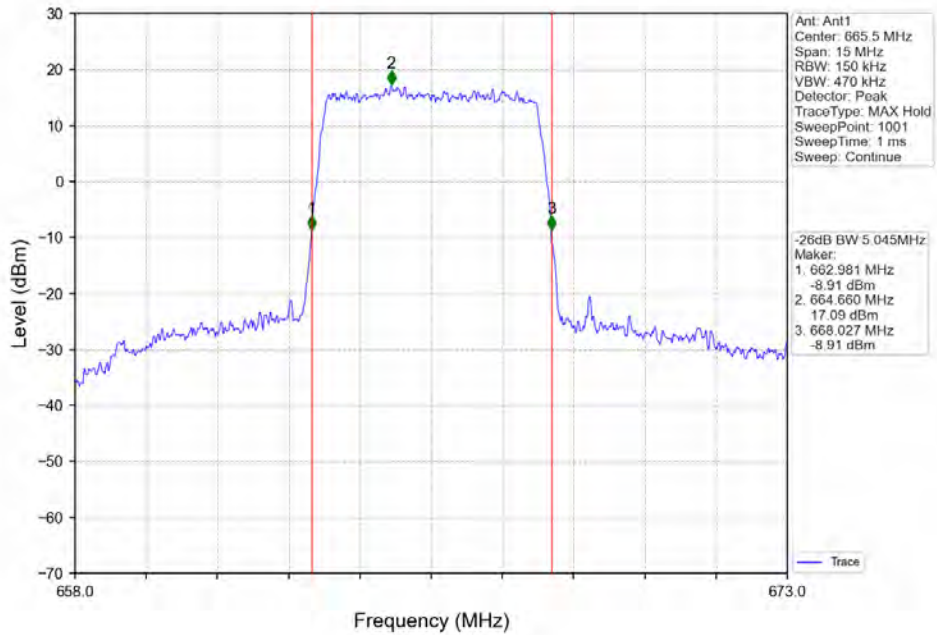
Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

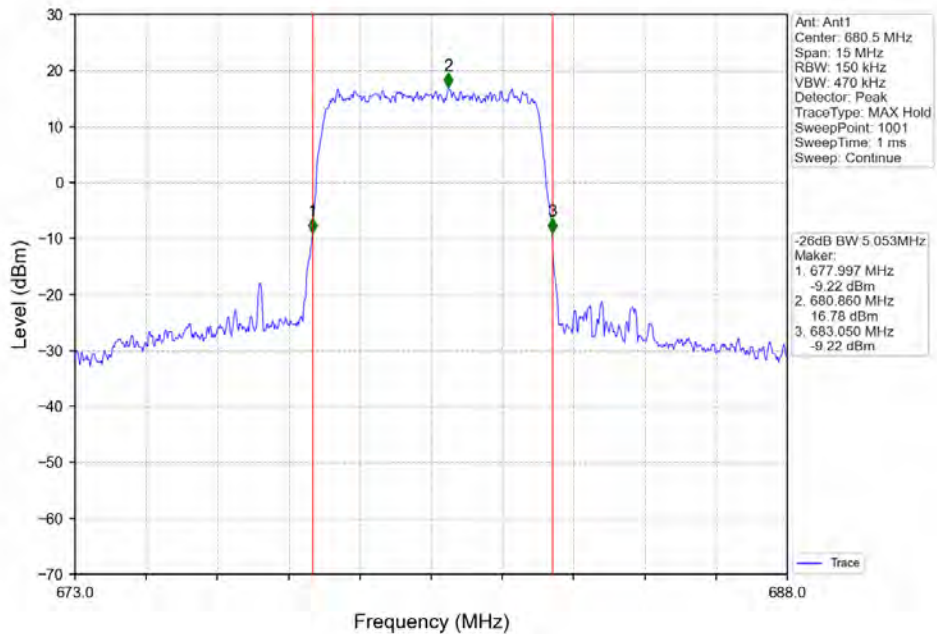
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



**Band 71\_5MHz\_64QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV**



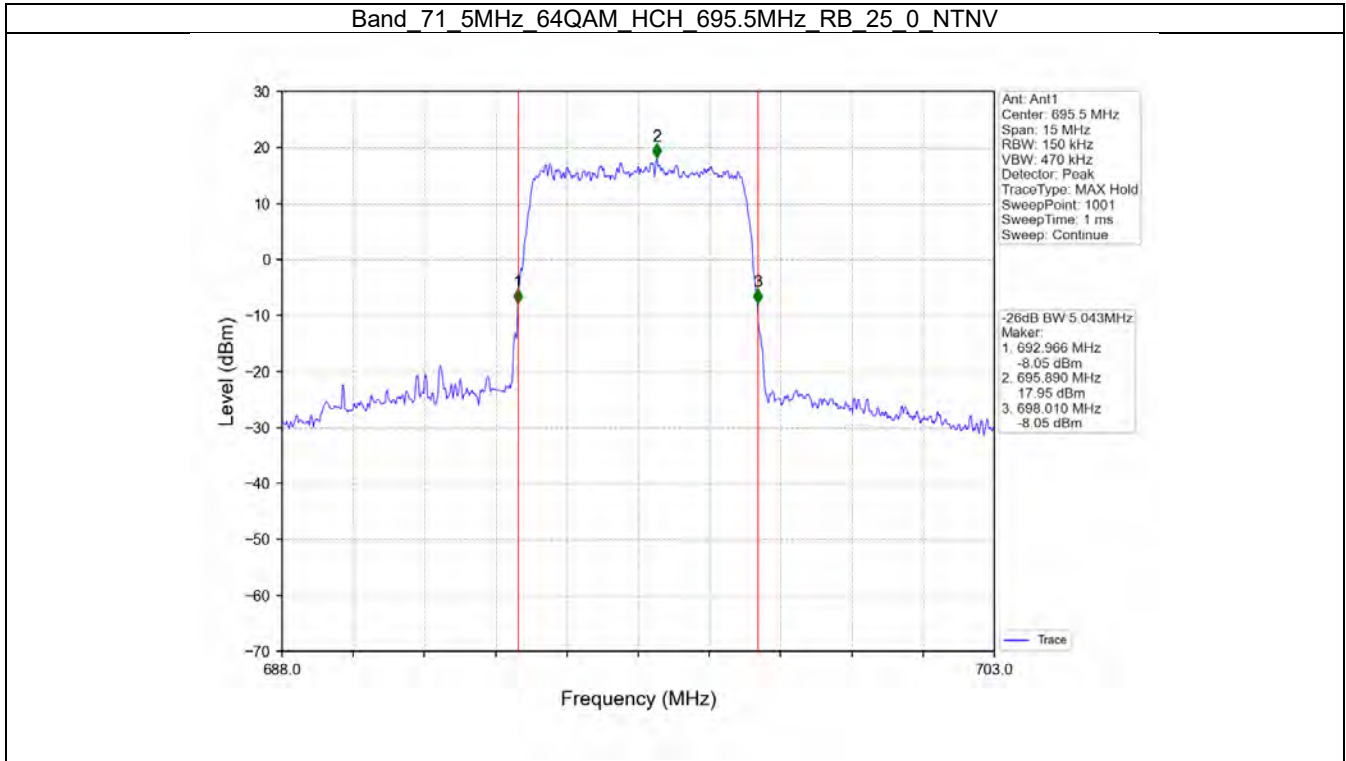
**Band 71\_5MHz\_64QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV**





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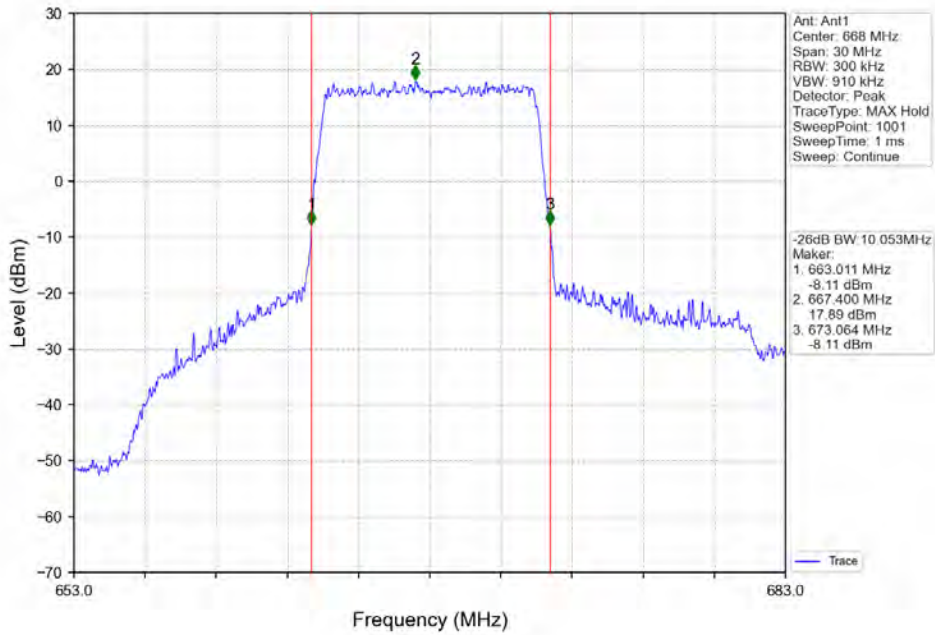
Fax: +86 755 8869 6577

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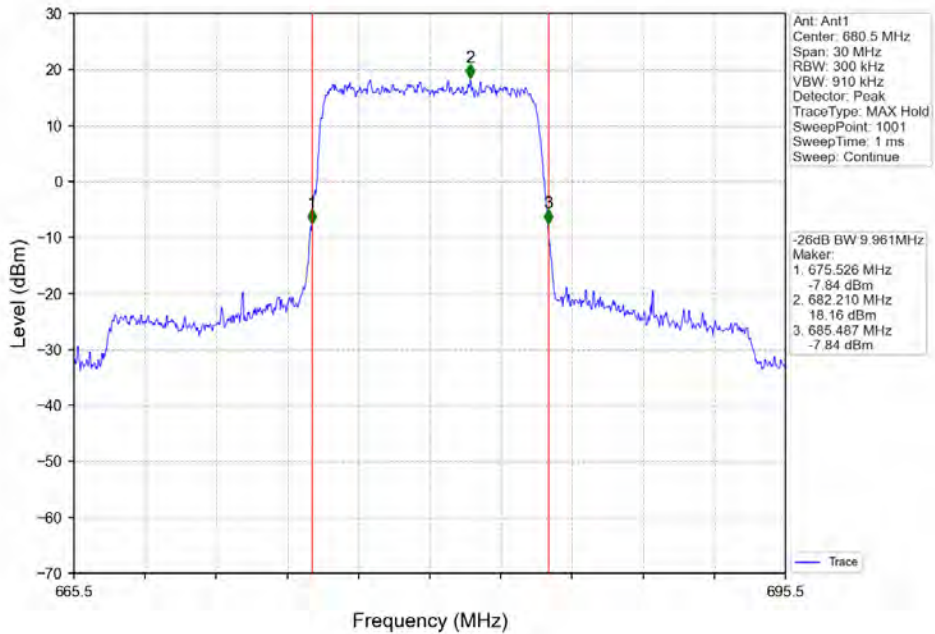


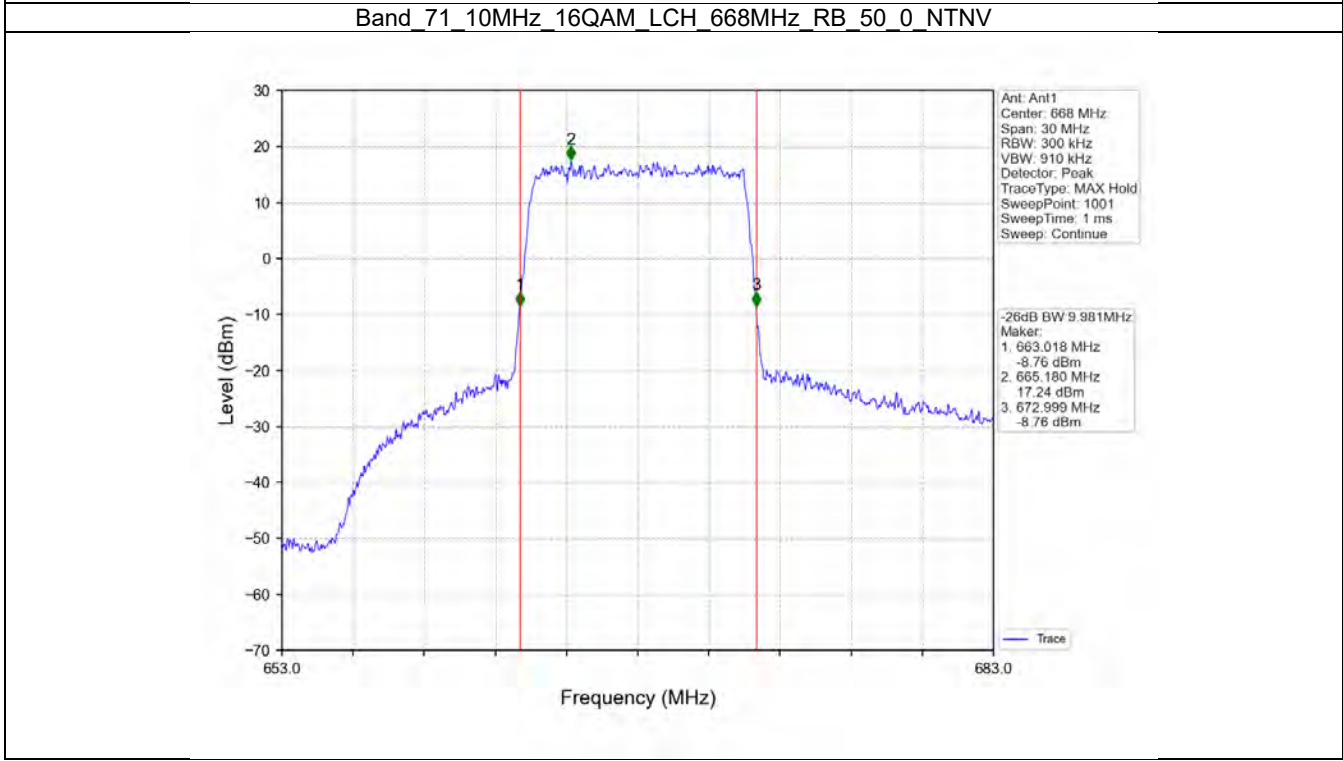
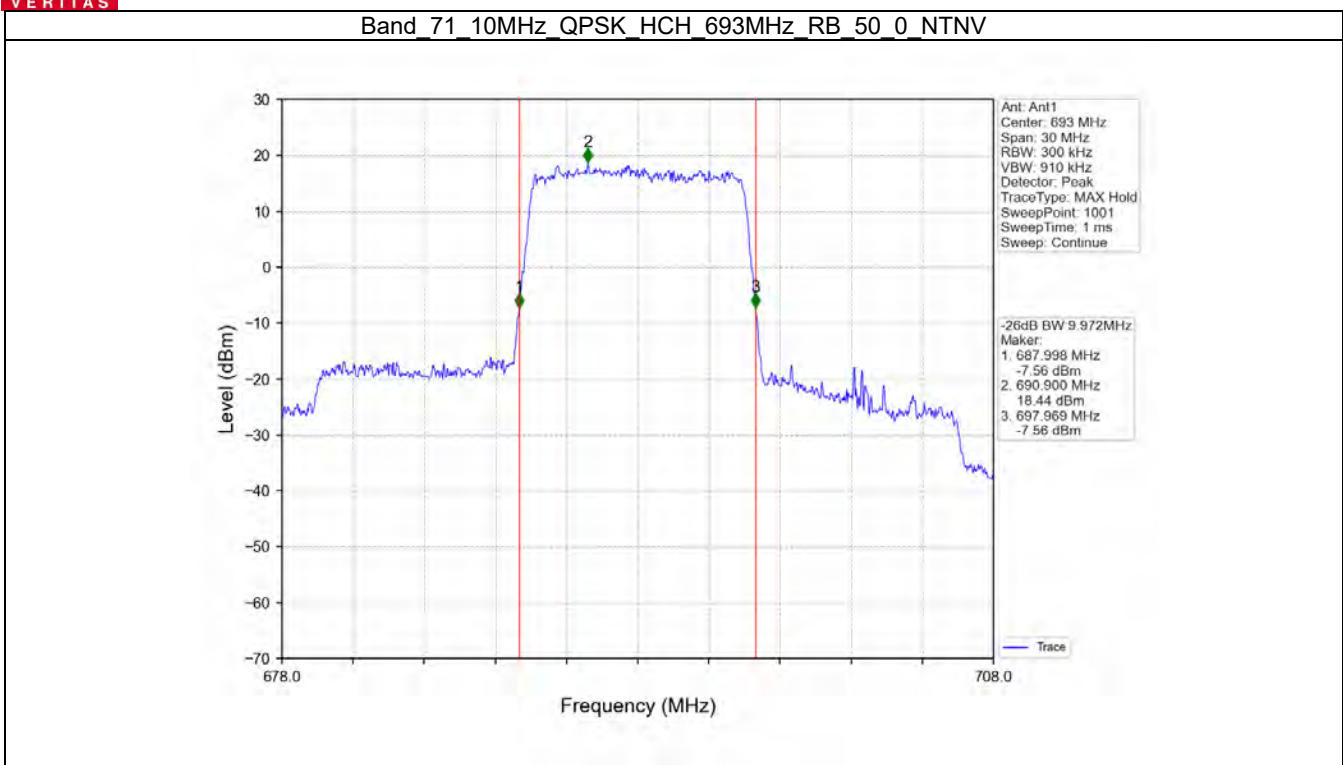


Band 71 10MHz QPSK LCH 668MHz RB 50 0 NTN



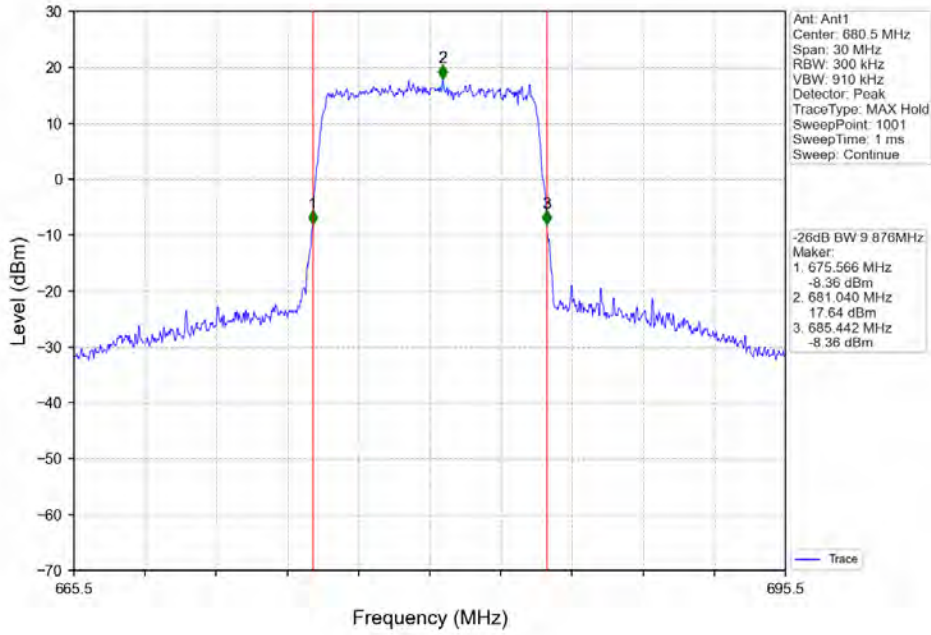
Band 71 10MHz QPSK MCH 680.5MHz RB 50 0 NTN



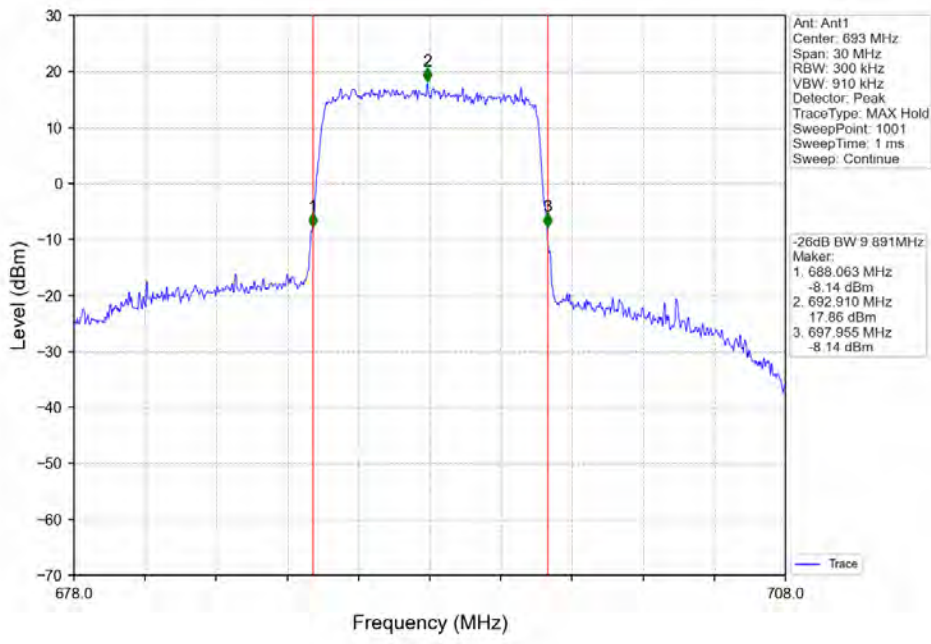




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Band 71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



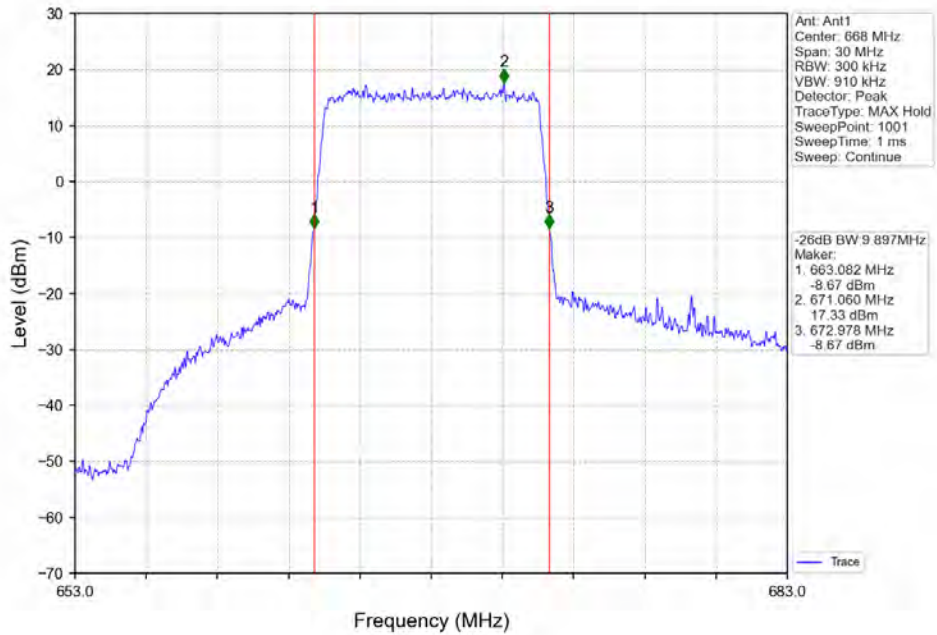
BV 7Layers Communications  
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No.B102, Dazu Chuangxin Mansion, North of Beihuan  
Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

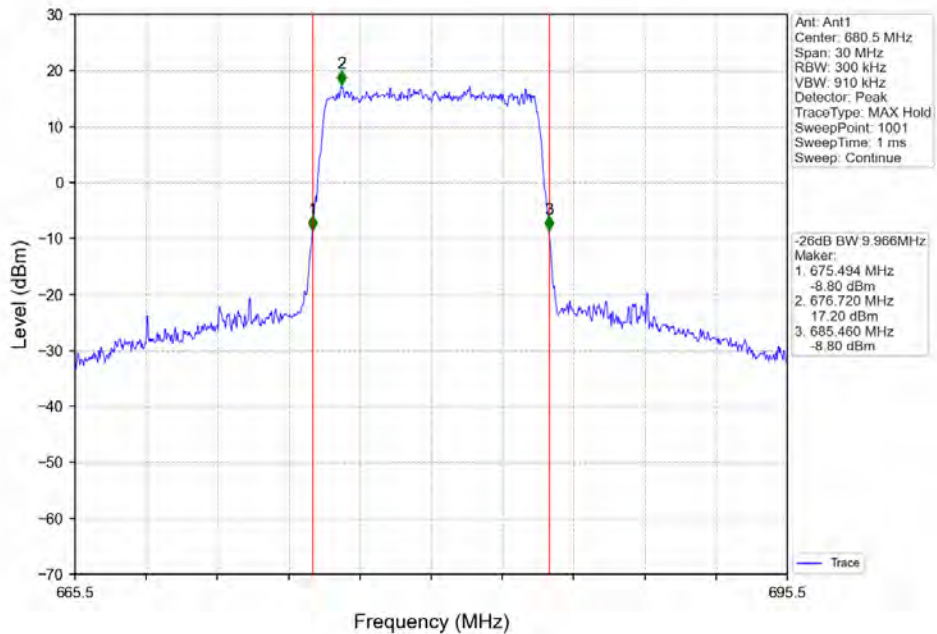
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Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band 71 10MHz 64QAM LCH 668MHz RB 50 0 NTNV



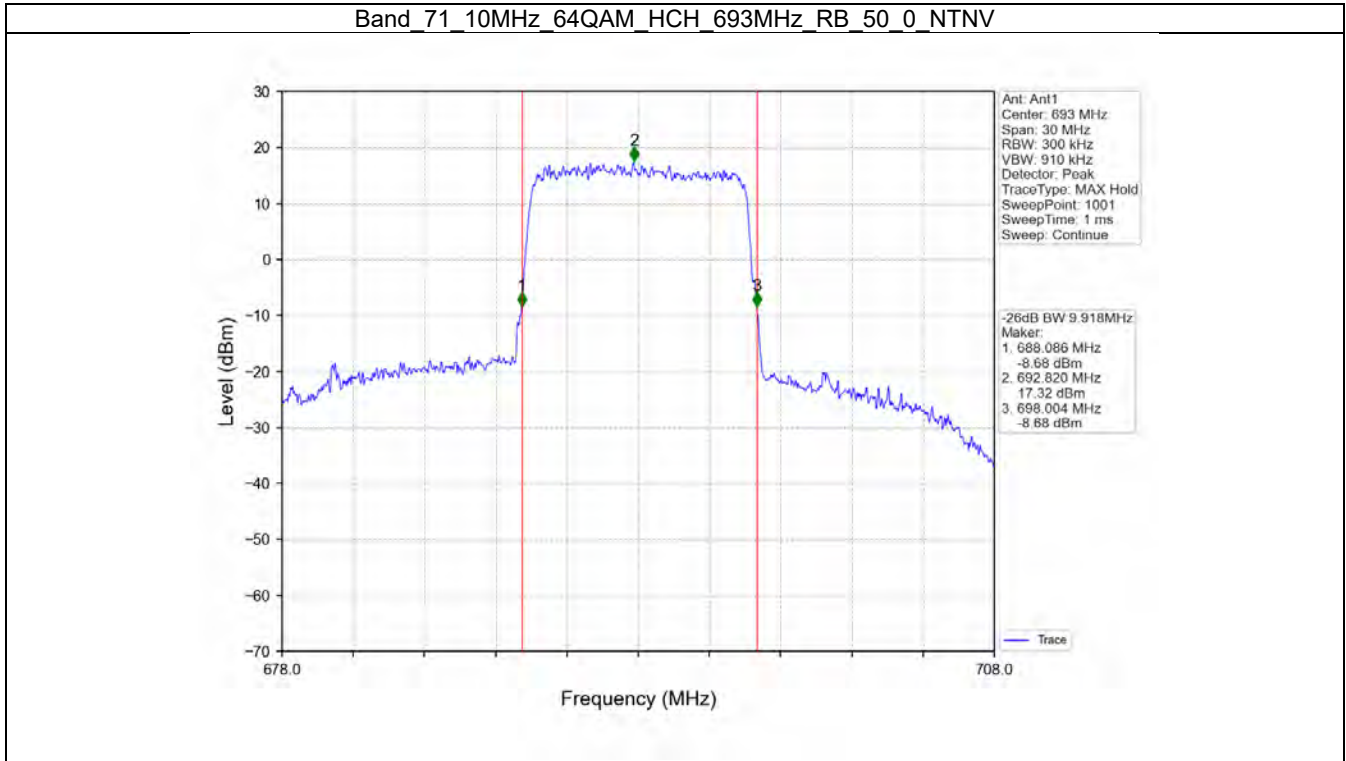
Band 71 10MHz 64QAM MCH 680.5MHz RB 50 0 NTNV





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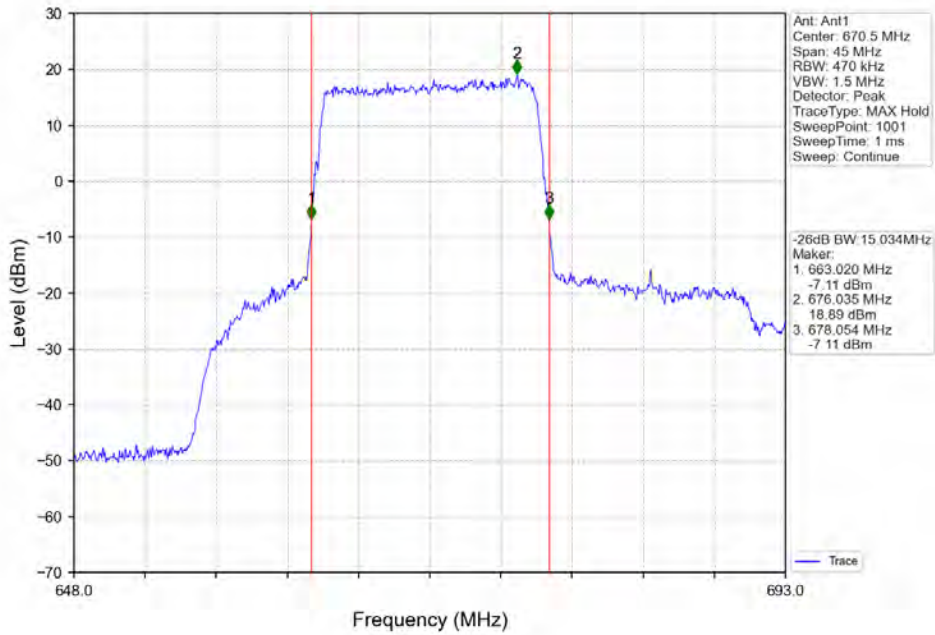
Fax: +86 755 8869 6577

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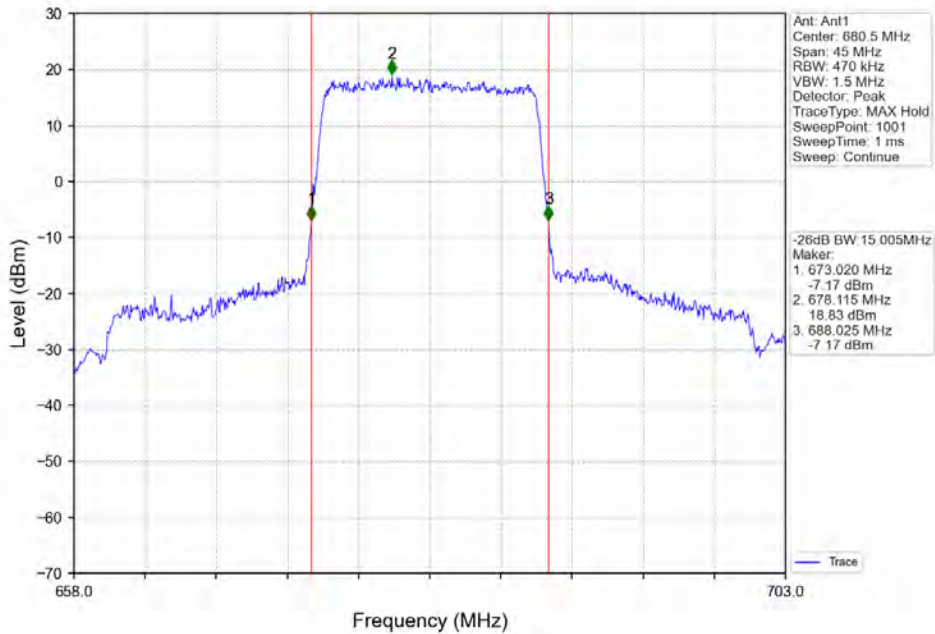




Band 71 15MHz QPSK LCH 670.5MHz RB 75 0 NTN



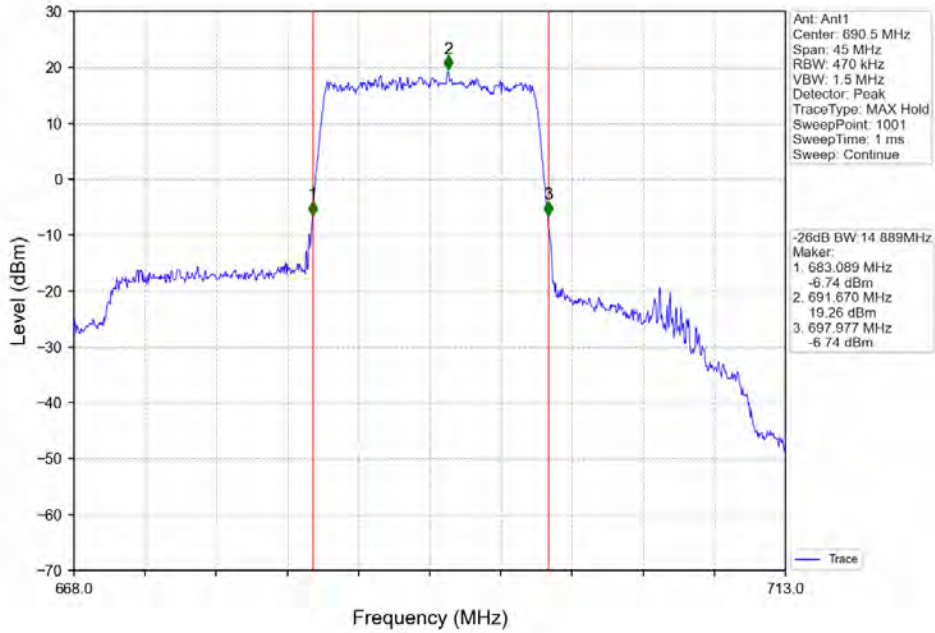
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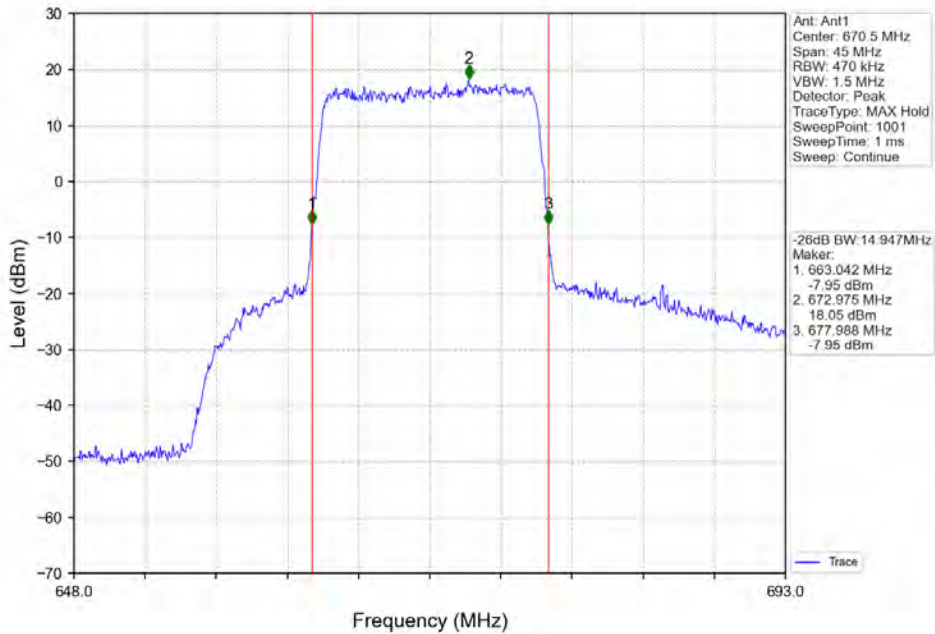




Band 71 15MHz QPSK HCH 690.5MHz RB 75 0 NTN

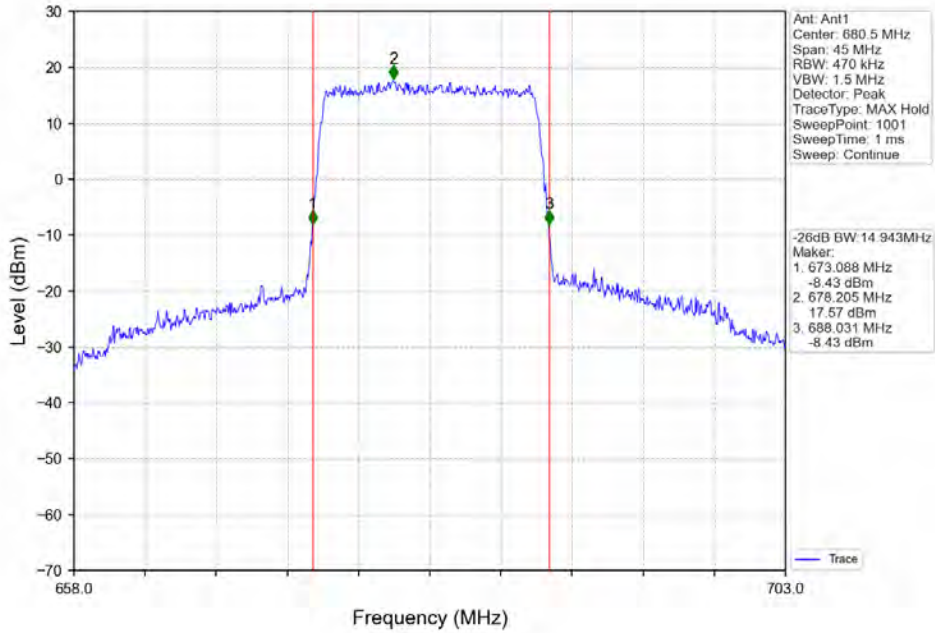


Band 71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTN

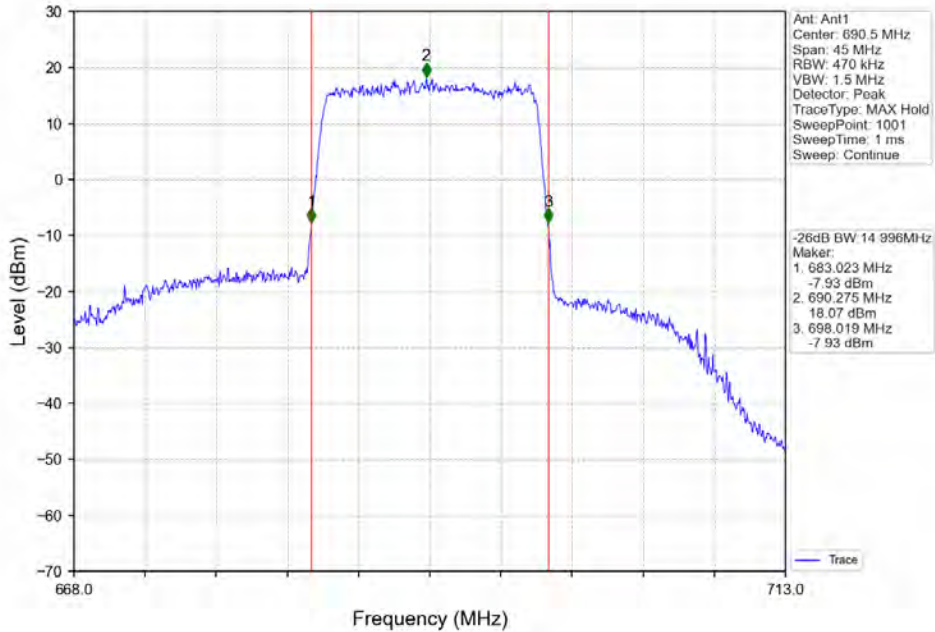




Band 71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTVN



Band 71 15MHz 16QAM HCH 690.5MHz RB 75 0 NTVN



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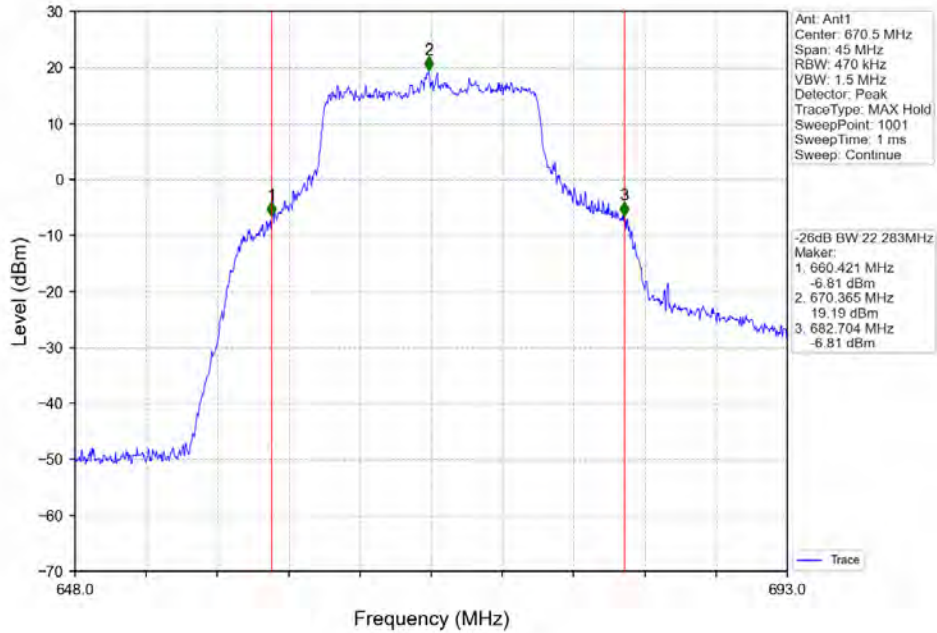
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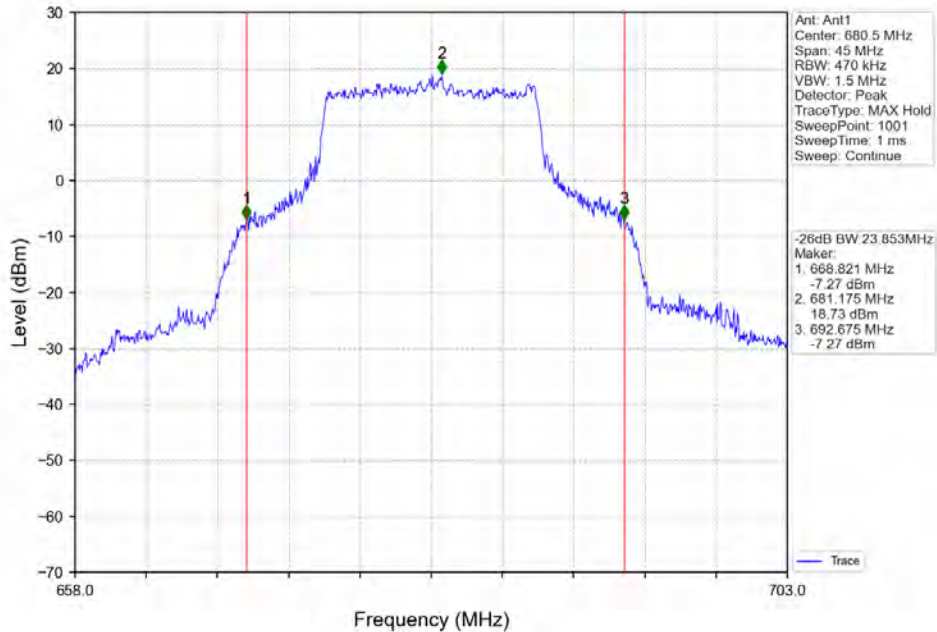
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band 71 15MHz 64QAM LCH 670.5MHz RB 75 0 NTV



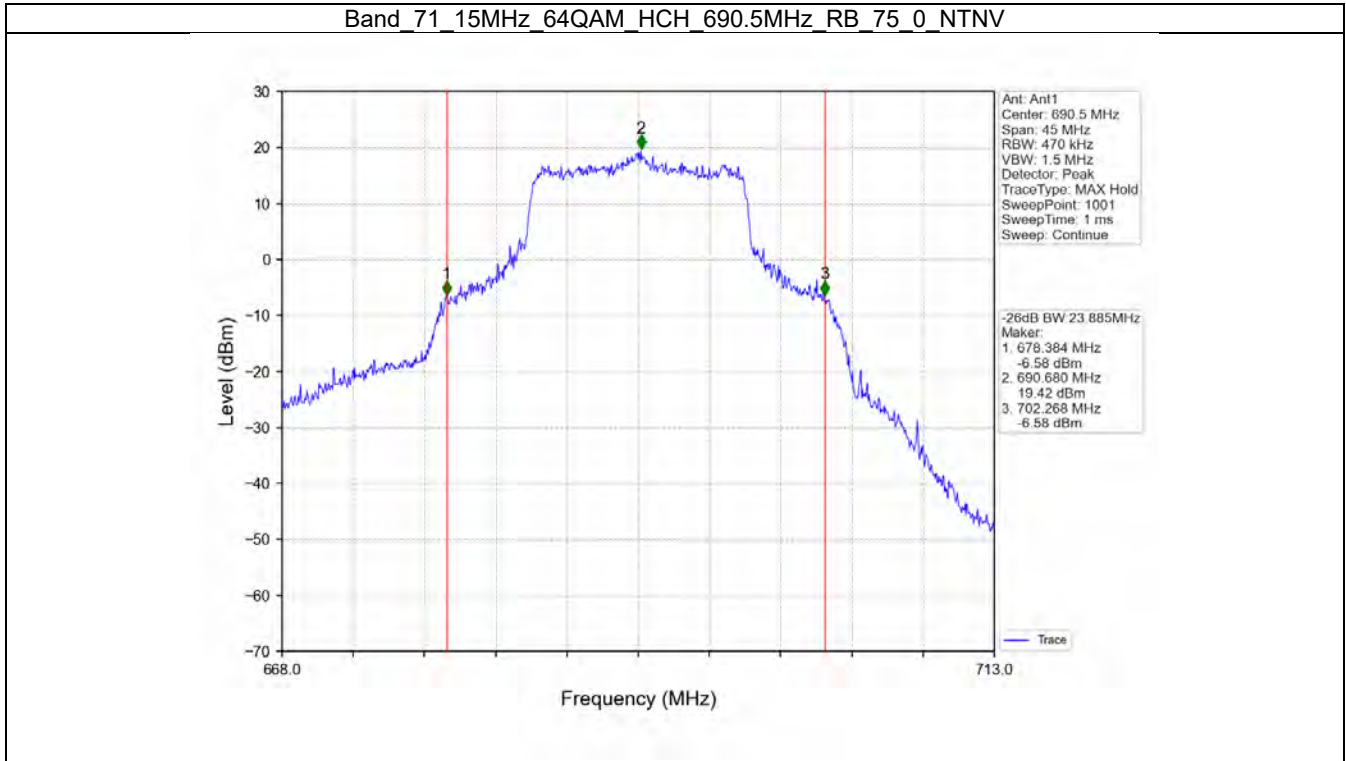
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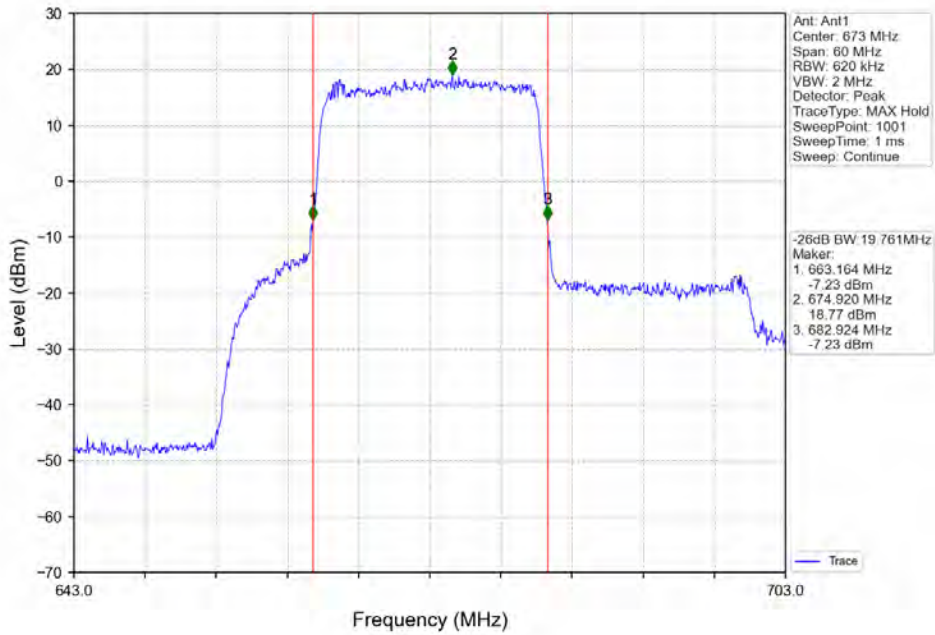
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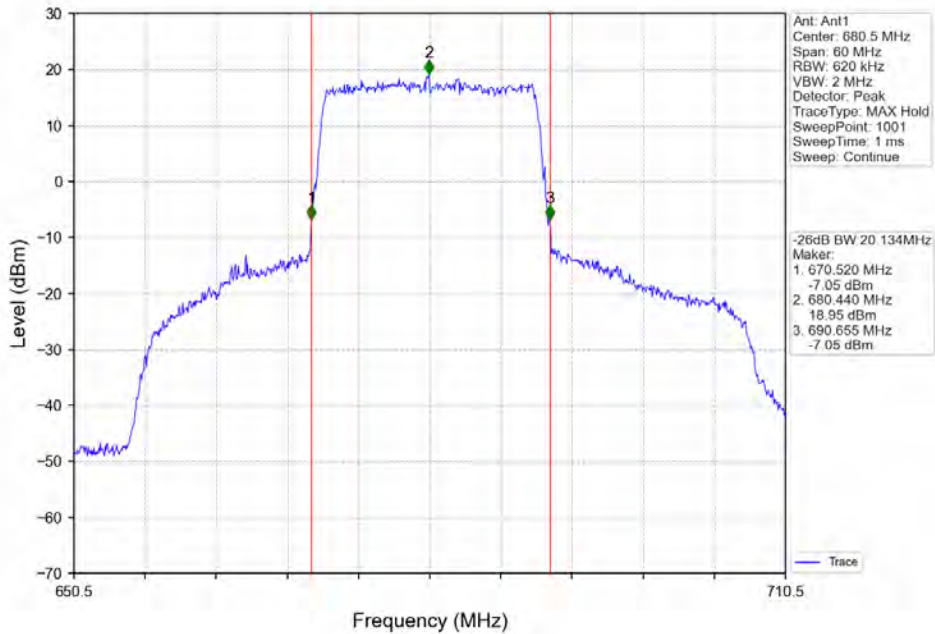
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Band 71 20MHz QPSK LCH 673MHz RB 100 0 NTV



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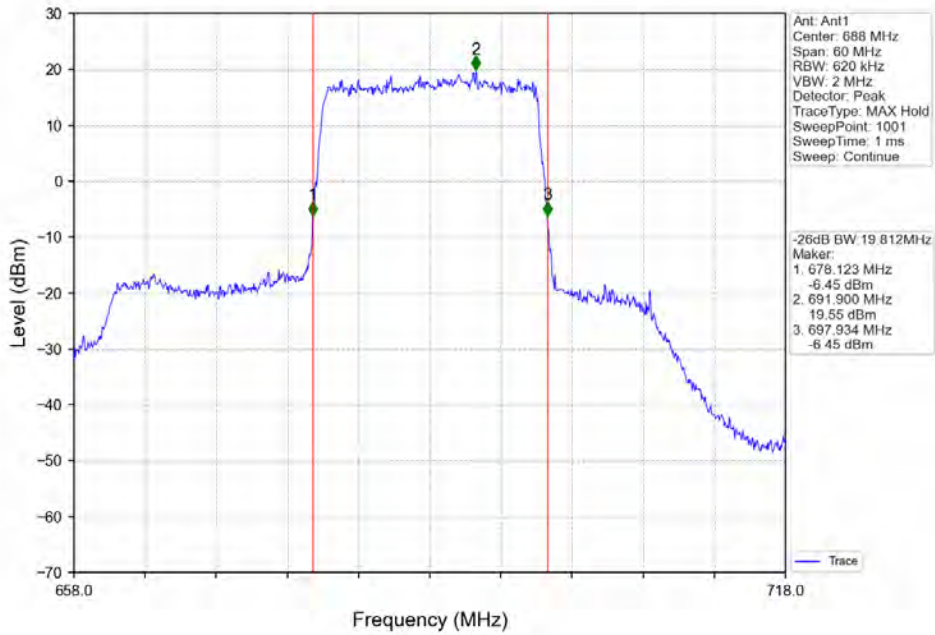
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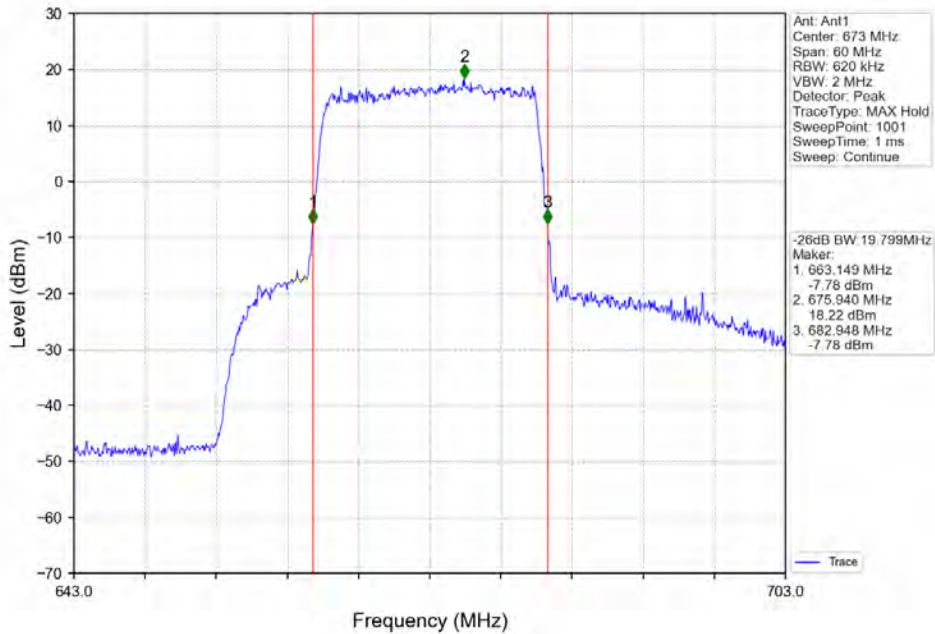




Band 71 20MHz QPSK HCH 688MHz RB 100 0 NTN



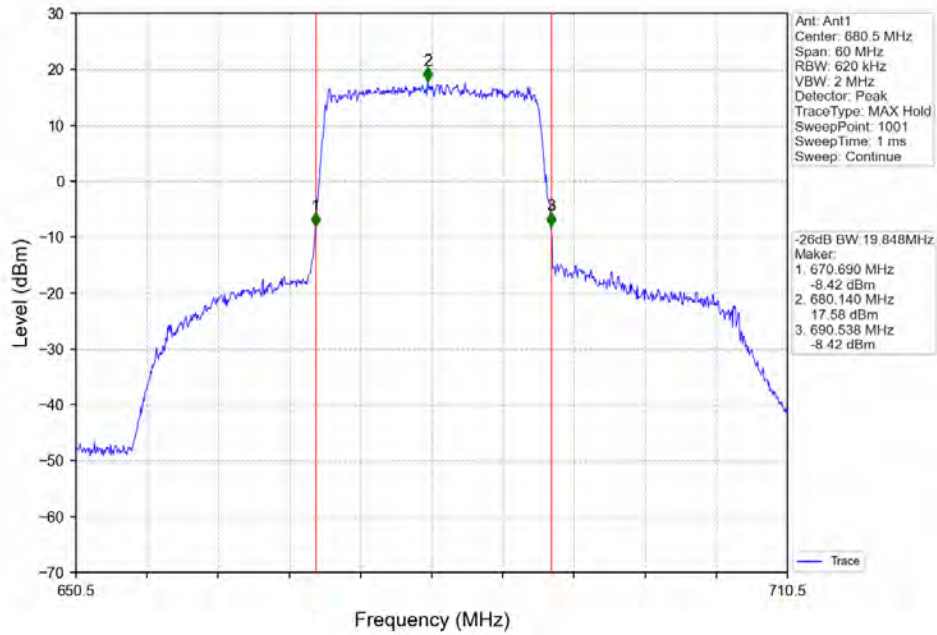
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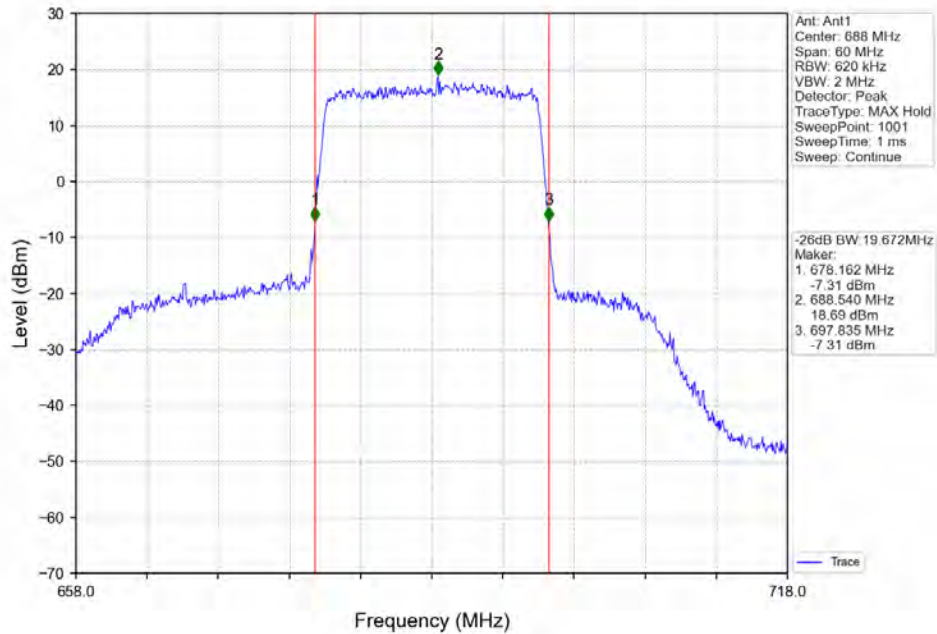




Band 71 20MHz 16QAM MCH 680.5MHz RB 100 0 NTV

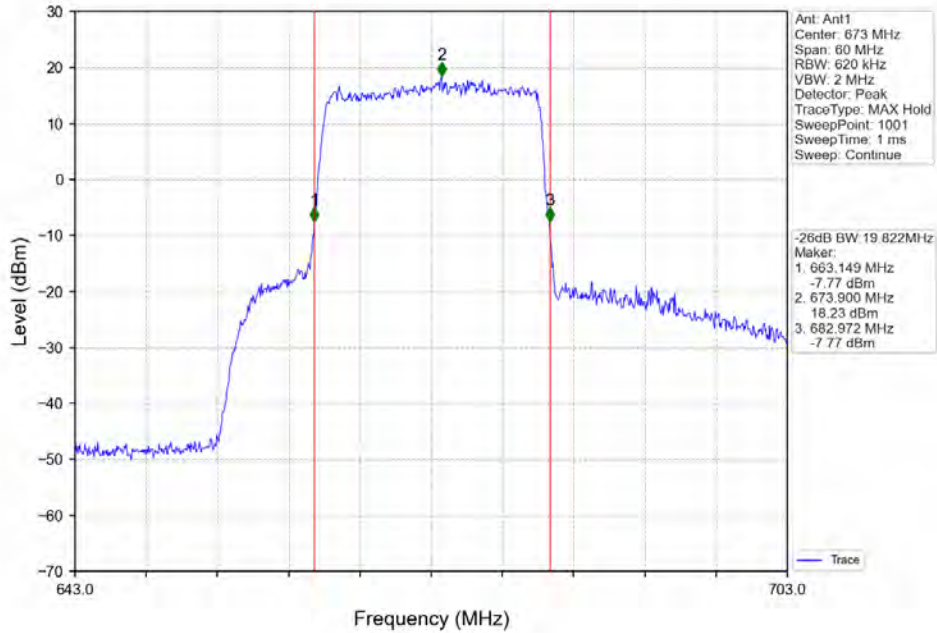


Band 71 20MHz 16QAM HCH 688MHz RB 100 0 NTV

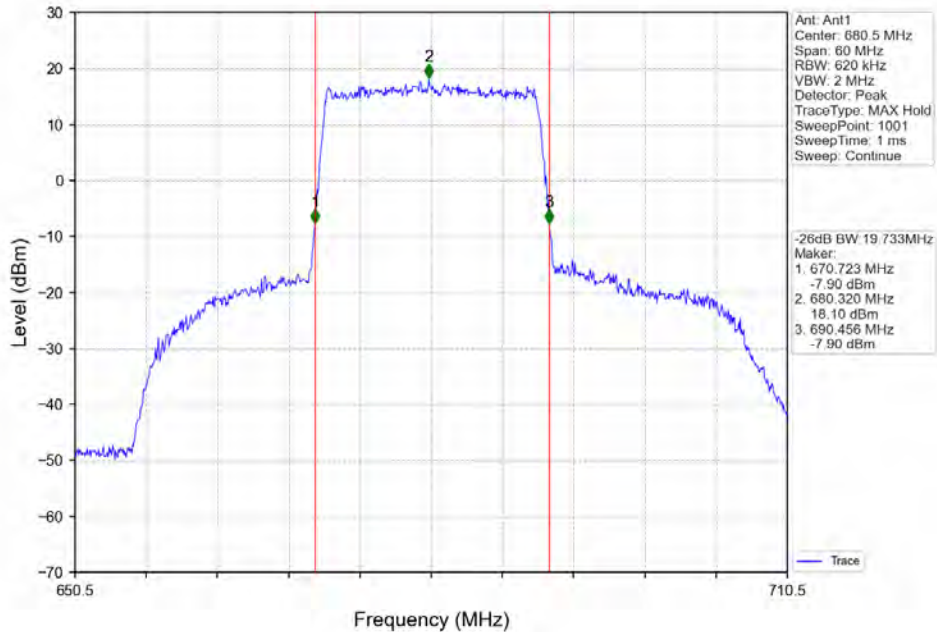




Band 71 20MHz 64QAM LCH 673MHz RB 100\_0 NTN



Band 71 20MHz 64QAM MCH 680.5MHz RB 100\_0 NTN



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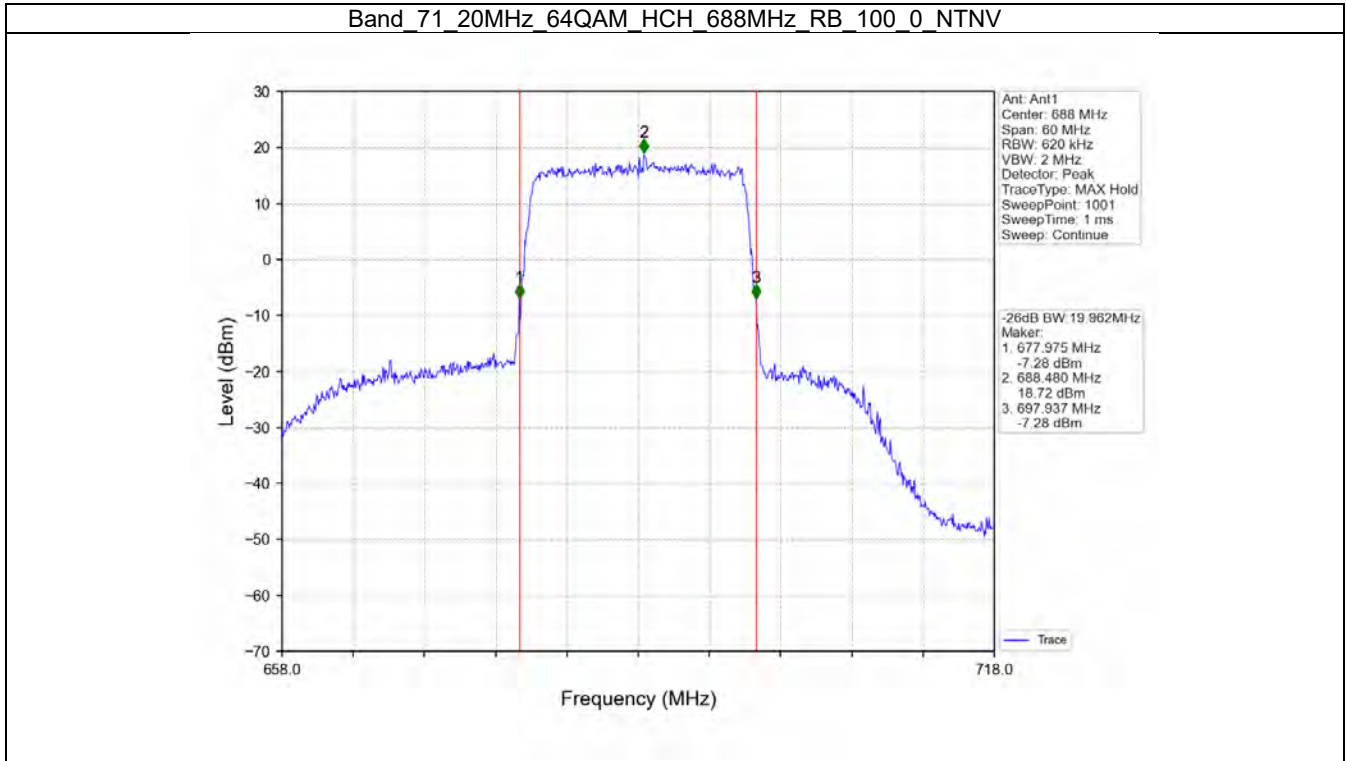
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2.15 Band 41 OBW

2.15.1 Test Result

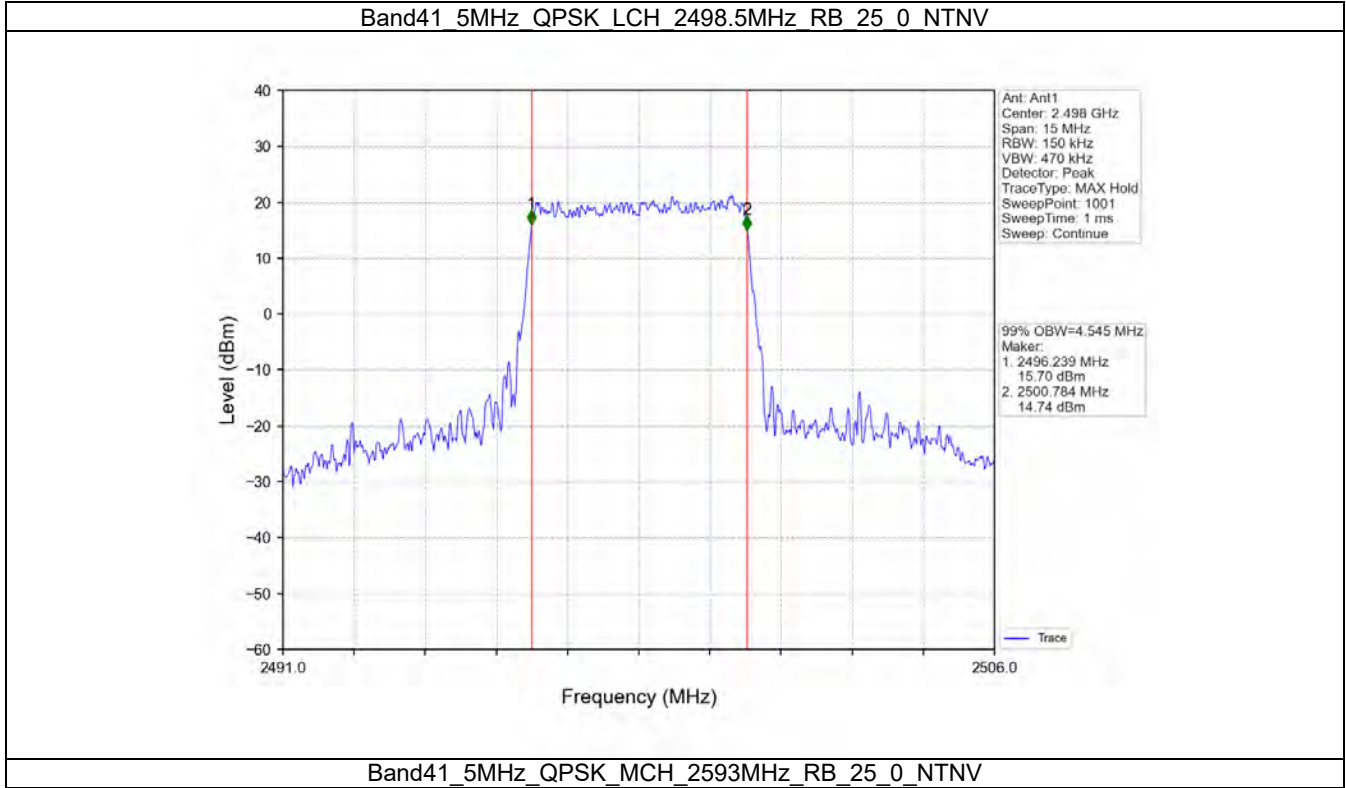
| Band: 41 / NTNV |            |                 |               |        |                              |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result                       |         |
| 5               | QPSK       | 2498.5          | 25            | 0      | 4.545                        | Pass    |
|                 |            | 2593            | 25            | 0      | 4.546                        | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.545                        | Pass    |
|                 | 16QAM      | 2498.5          | 25            | 0      | 4.547                        | Pass    |
|                 |            | 2593            | 25            | 0      | 4.539                        | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.548                        | Pass    |
|                 | 64QAM      | 2498.5          | 25            | 0      | 4.536                        | Pass    |
|                 |            | 2593            | 25            | 0      | 4.544                        | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.535                        | Pass    |
| 10              | QPSK       | 2501            | 50            | 0      | 9.048                        | Pass    |
|                 |            | 2593            | 50            | 0      | 9.077                        | Pass    |
|                 |            | 2685            | 50            | 0      | 9.055                        | Pass    |
|                 | 16QAM      | 2501            | 50            | 0      | 9.050                        | Pass    |
|                 |            | 2593            | 50            | 0      | 9.062                        | Pass    |
|                 |            | 2685            | 50            | 0      | 9.020                        | Pass    |
|                 | 64QAM      | 2501            | 50            | 0      | 9.041                        | Pass    |
|                 |            | 2593            | 50            | 0      | 9.048                        | Pass    |
|                 |            | 2685            | 50            | 0      | 9.018                        | Pass    |
| 15              | QPSK       | 2503.5          | 75            | 0      | 13.578                       | Pass    |
|                 |            | 2593            | 75            | 0      | 13.543                       | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.575                       | Pass    |
|                 | 16QAM      | 2503.5          | 75            | 0      | 13.576                       | Pass    |
|                 |            | 2593            | 75            | 0      | 13.593                       | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.536                       | Pass    |
|                 | 64QAM      | 2503.5          | 75            | 0      | 13.599                       | Pass    |
|                 |            | 2593            | 75            | 0      | 13.618                       | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.623                       | Pass    |
| 20              | QPSK       | 2506            | 100           | 0      | 18.058                       | Pass    |
|                 |            | 2593            | 100           | 0      | 18.089                       | Pass    |
|                 |            | 2680            | 100           | 0      | 18.024                       | Pass    |
|                 | 16QAM      | 2506            | 100           | 0      | 18.047                       | Pass    |
|                 |            | 2593            | 100           | 0      | 18.057                       | Pass    |
|                 |            | 2680            | 100           | 0      | 18.054                       | Pass    |
|                 | 64QAM      | 2506            | 100           | 0      | 18.017                       | Pass    |
|                 |            | 2593            | 100           | 0      | 18.056                       | Pass    |
|                 |            | 2680            | 100           | 0      | 18.052                       | Pass    |



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**Test Report No.: W7L-P20210616-3RF03**

### 2.15.2 Test Graph



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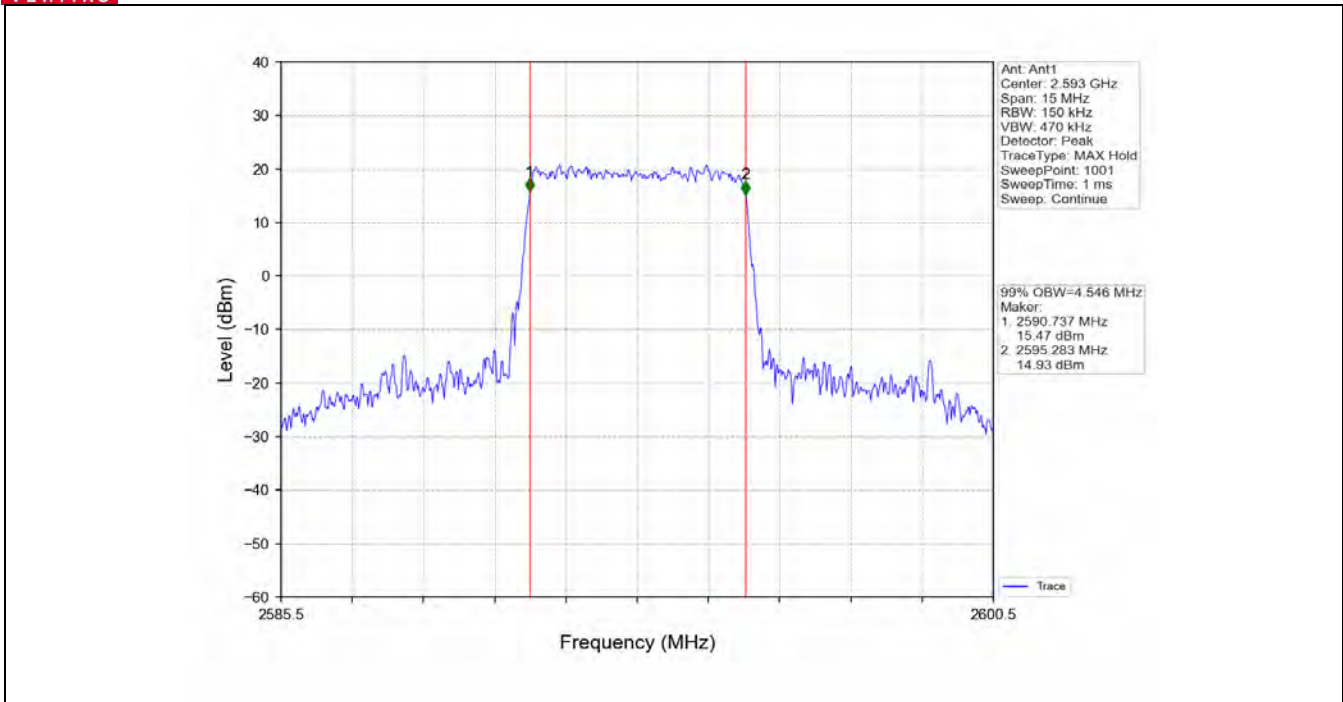
No.B102, Dazu Chuangxin Mansion, North of Beihuan  
Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

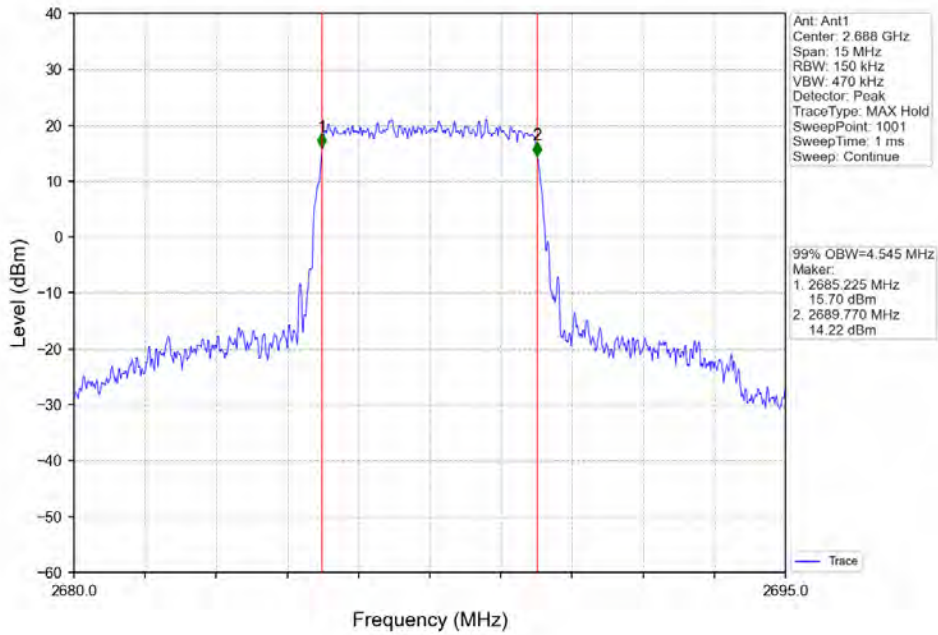
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



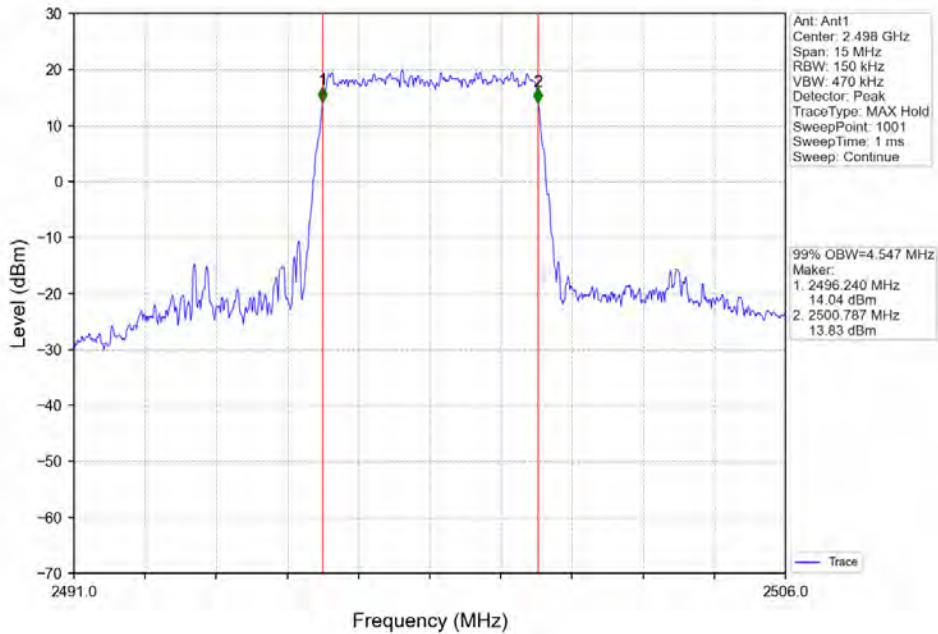




**Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV**

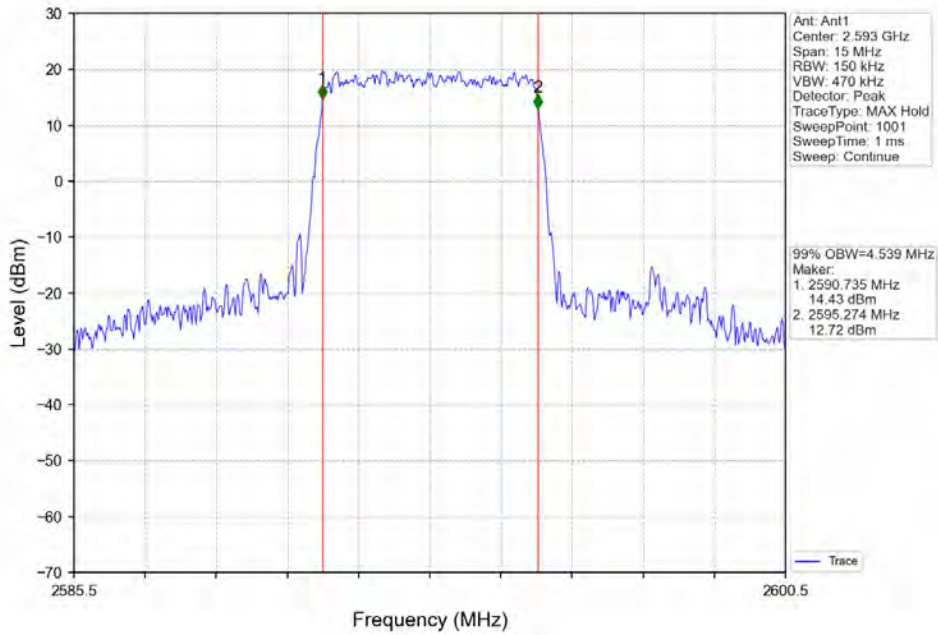


**Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV**

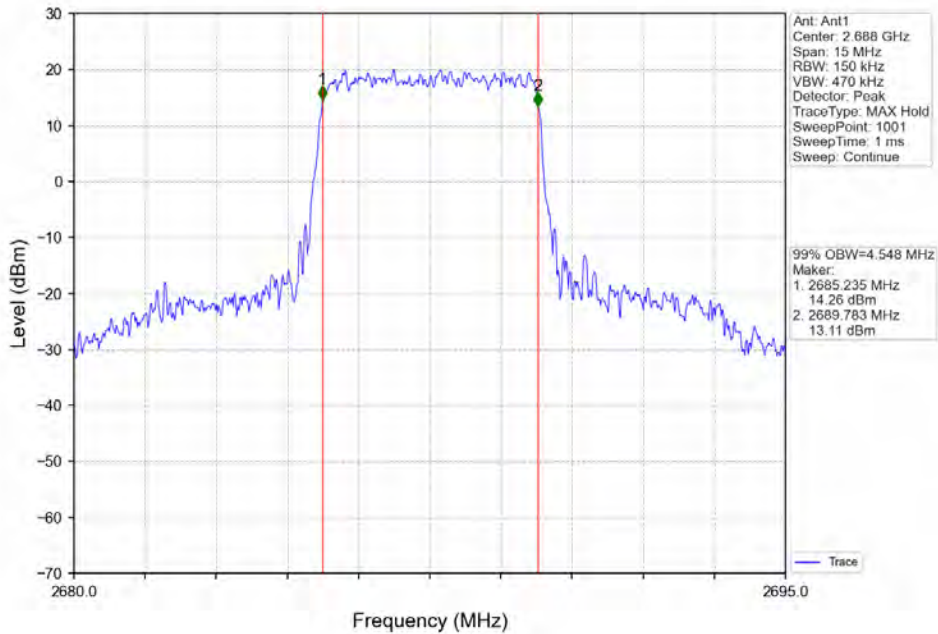




Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV

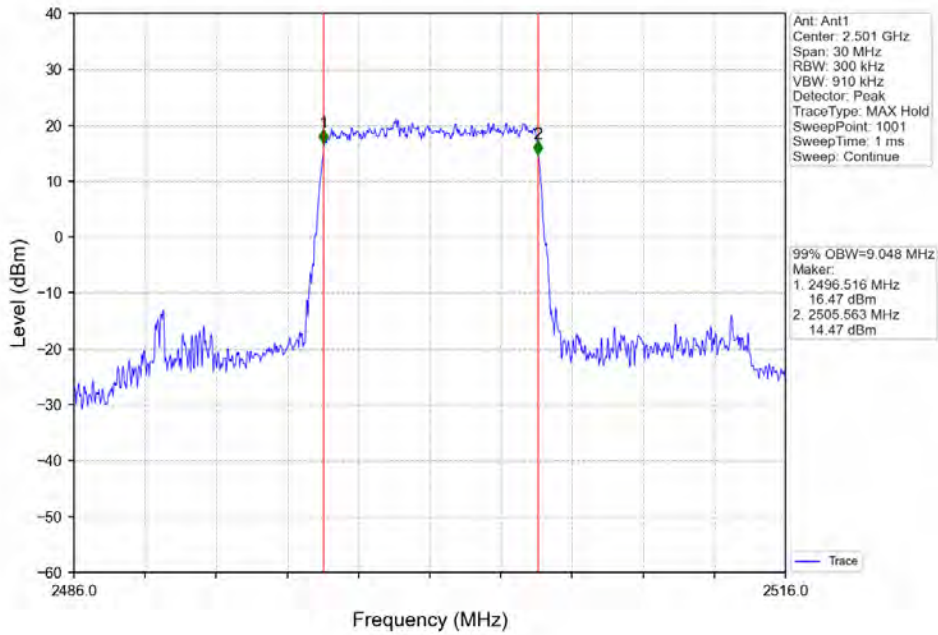




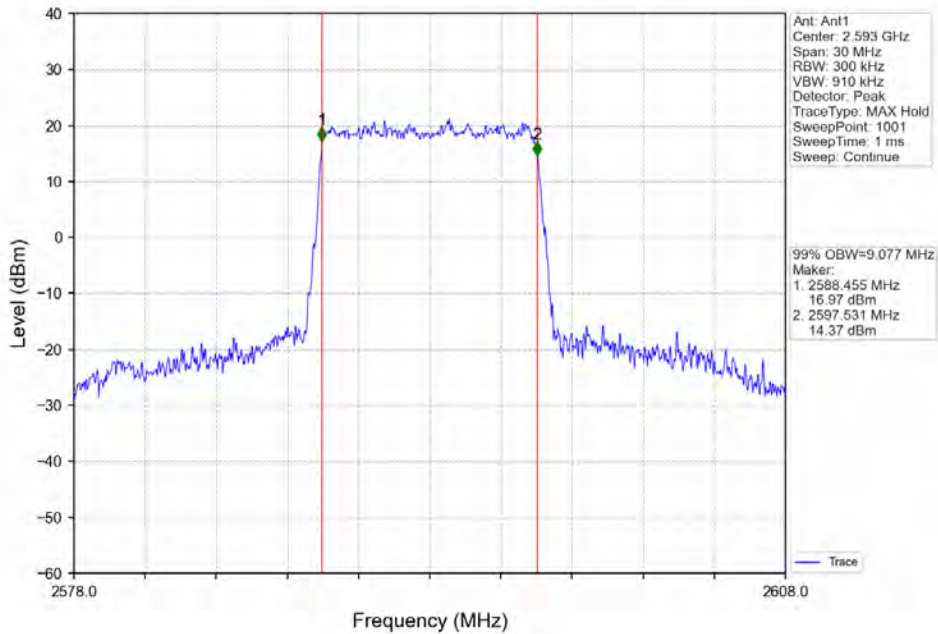
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**Test Report No.: W7L-P20210616-3RF03**

Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



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District, Shenzhen, Guangdong, China

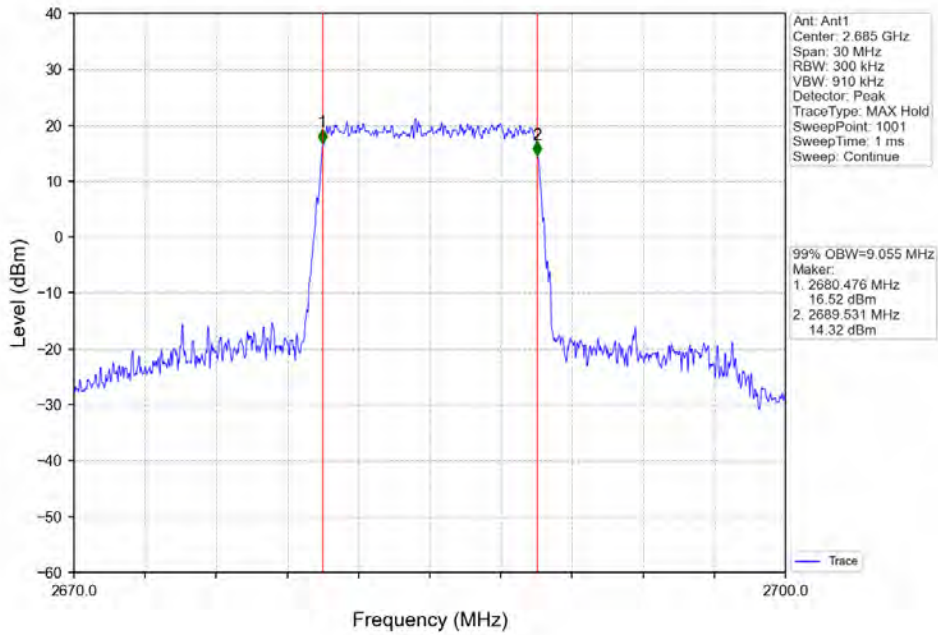
Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

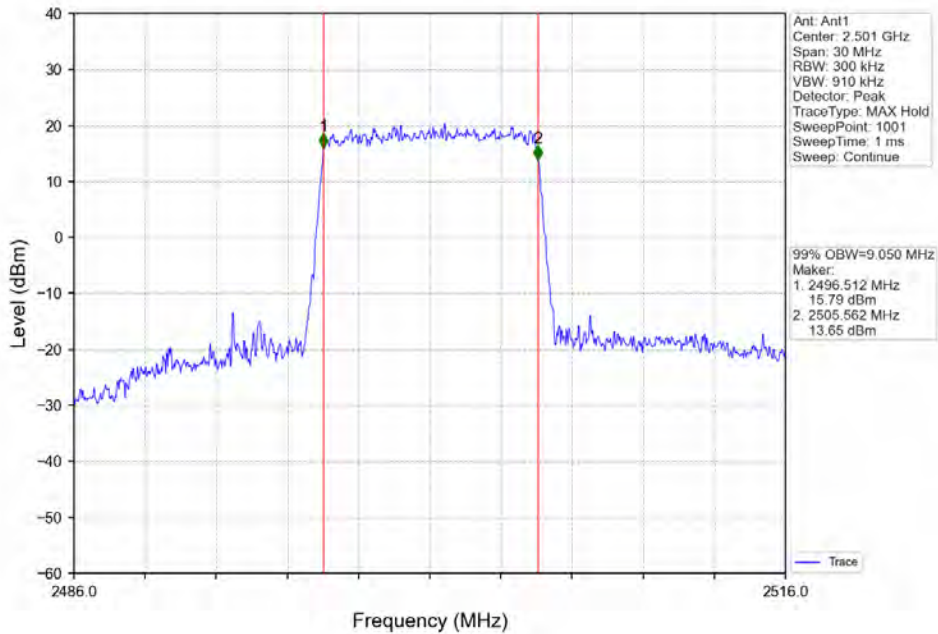
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



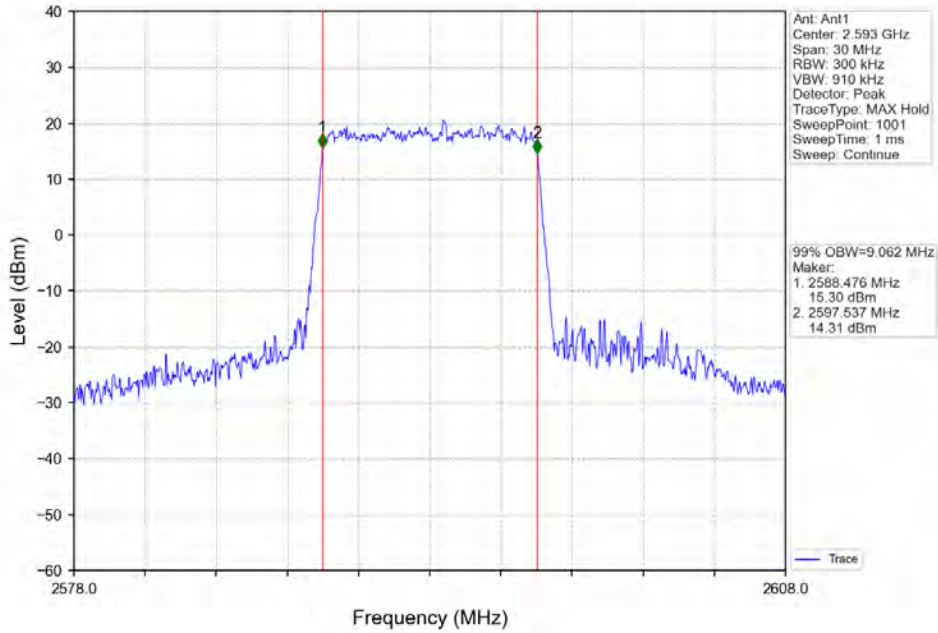
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



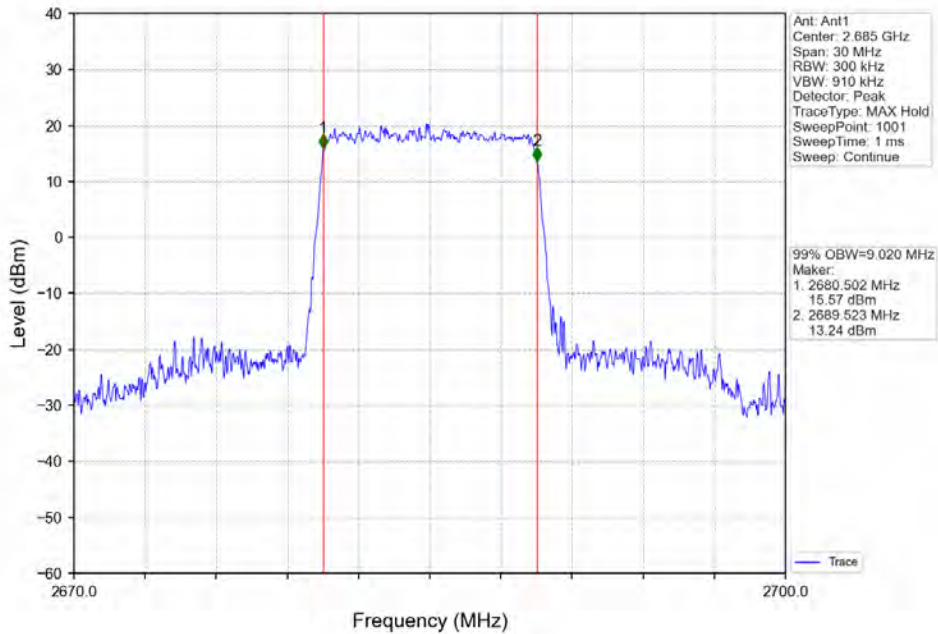




Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV

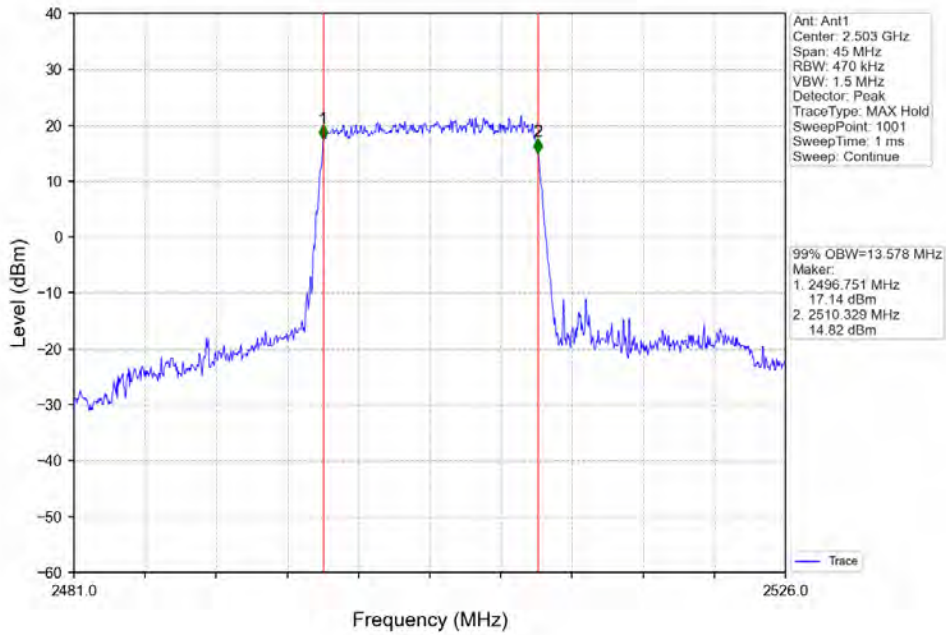


Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV

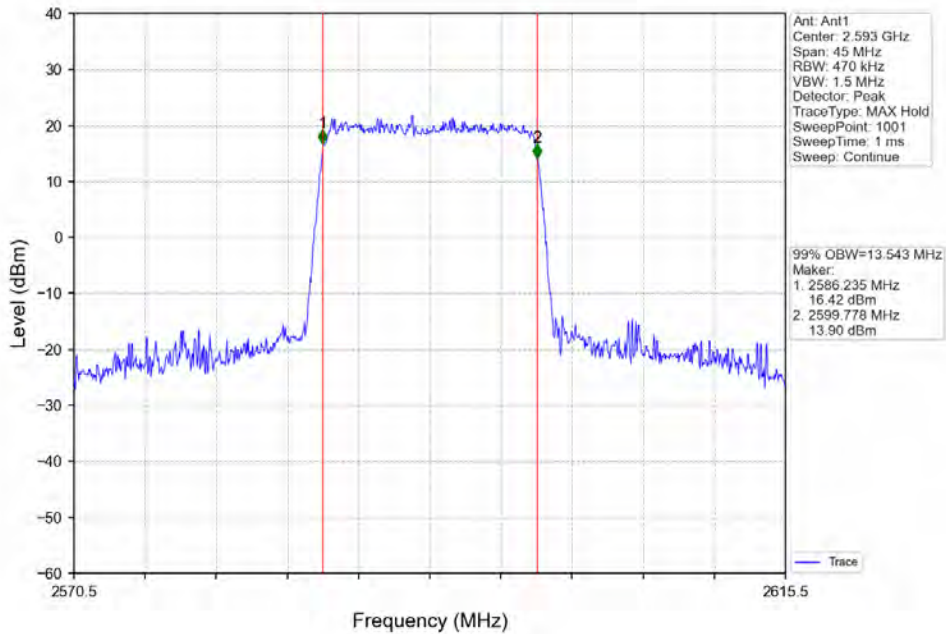




Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV

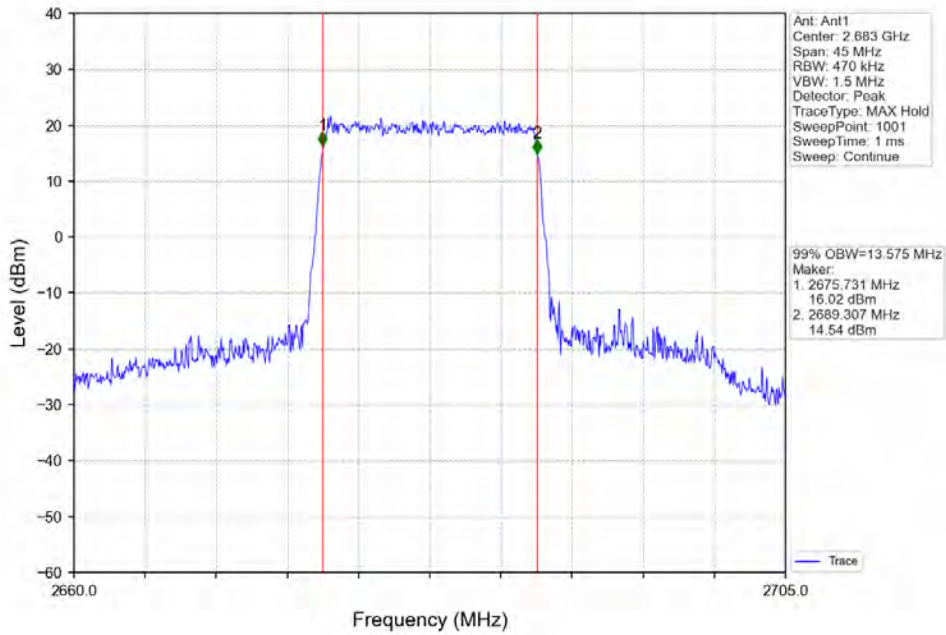


Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV

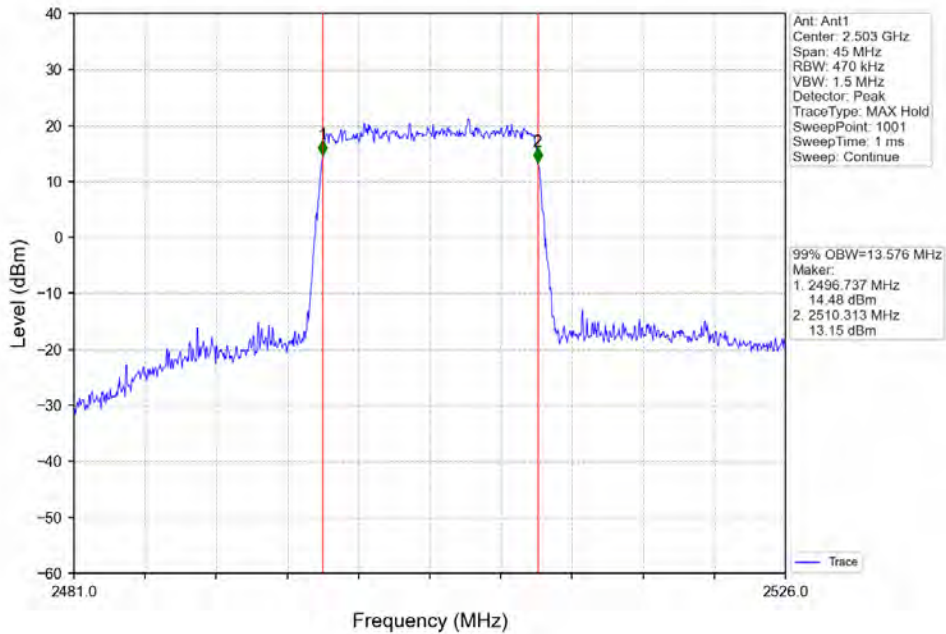




**Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV**

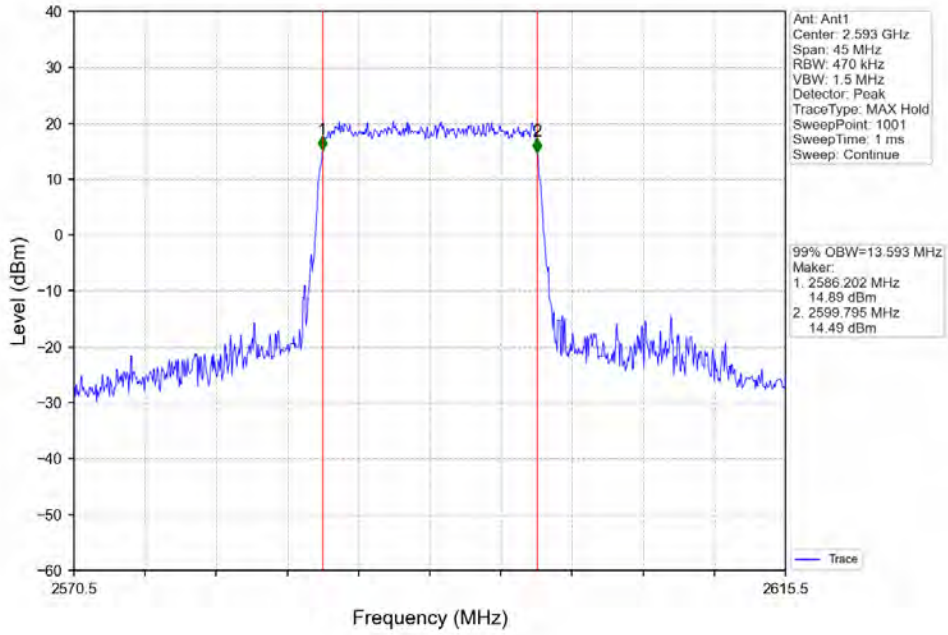


**Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV**

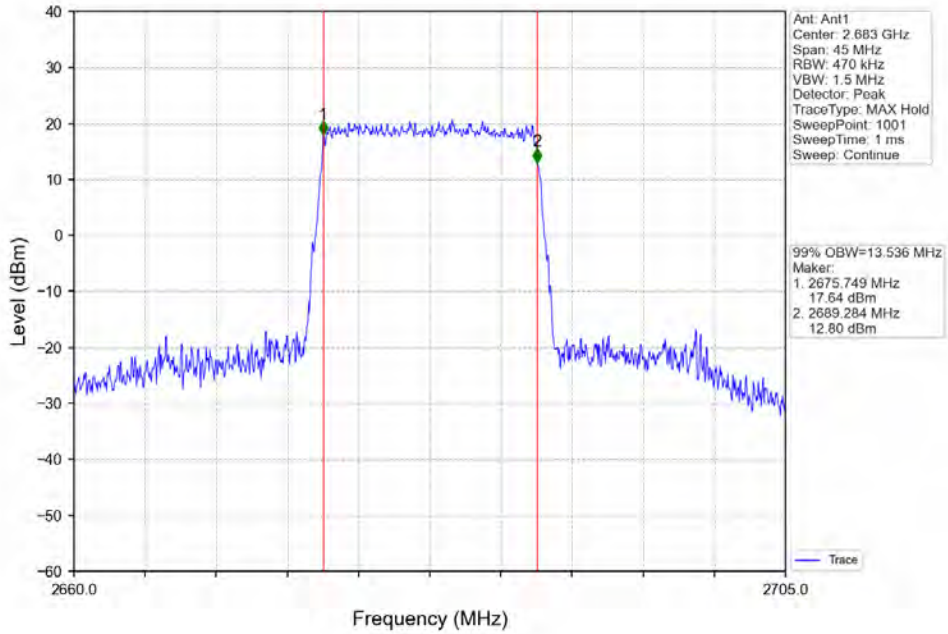




Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



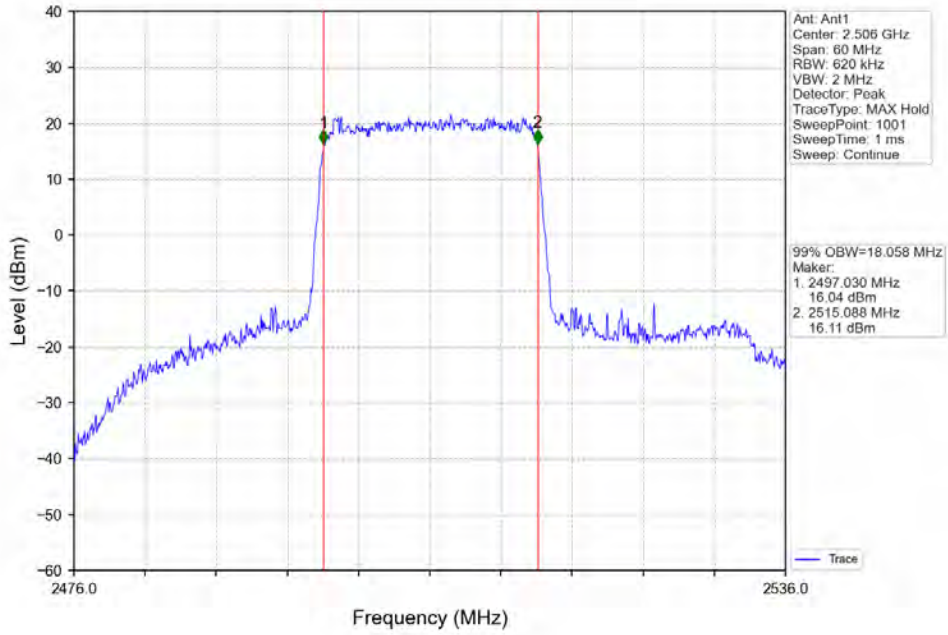
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



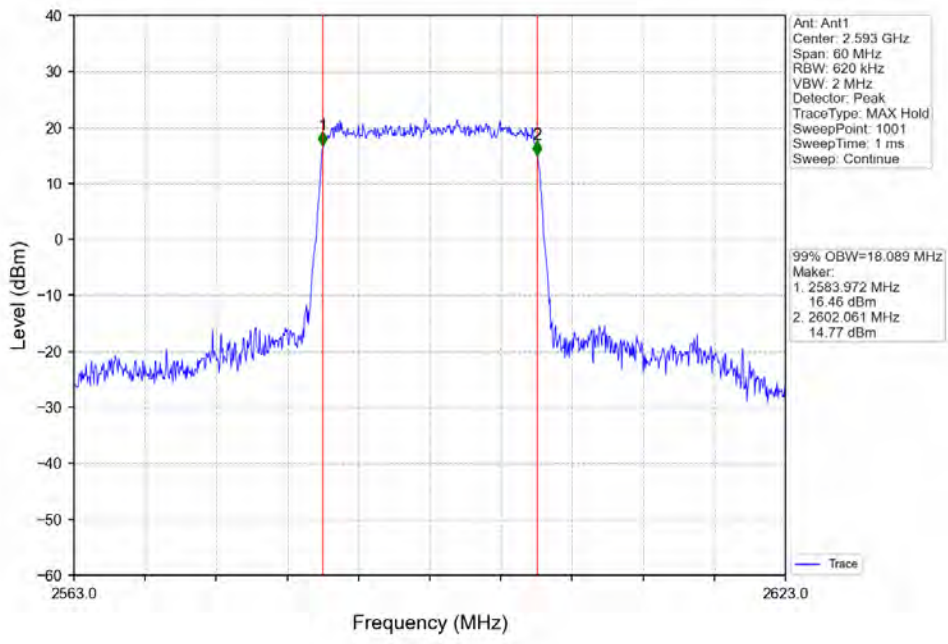




Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



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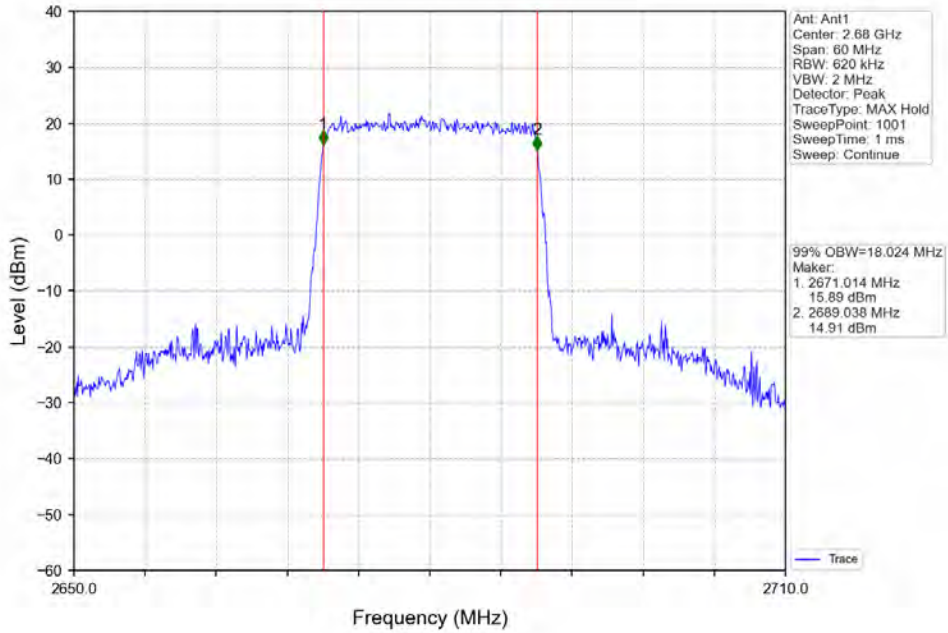
No.B102, Dazu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566  
Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)

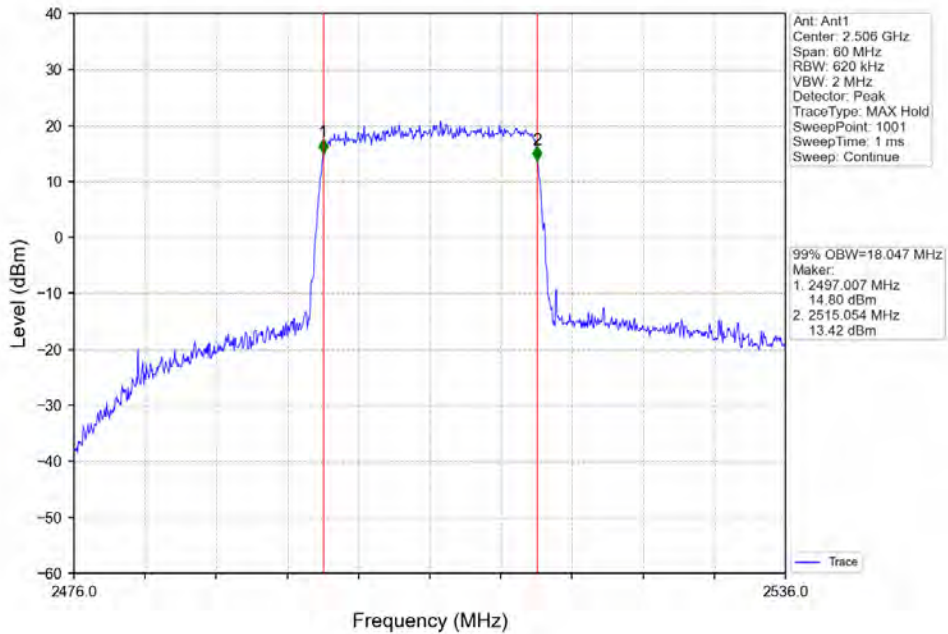




Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV

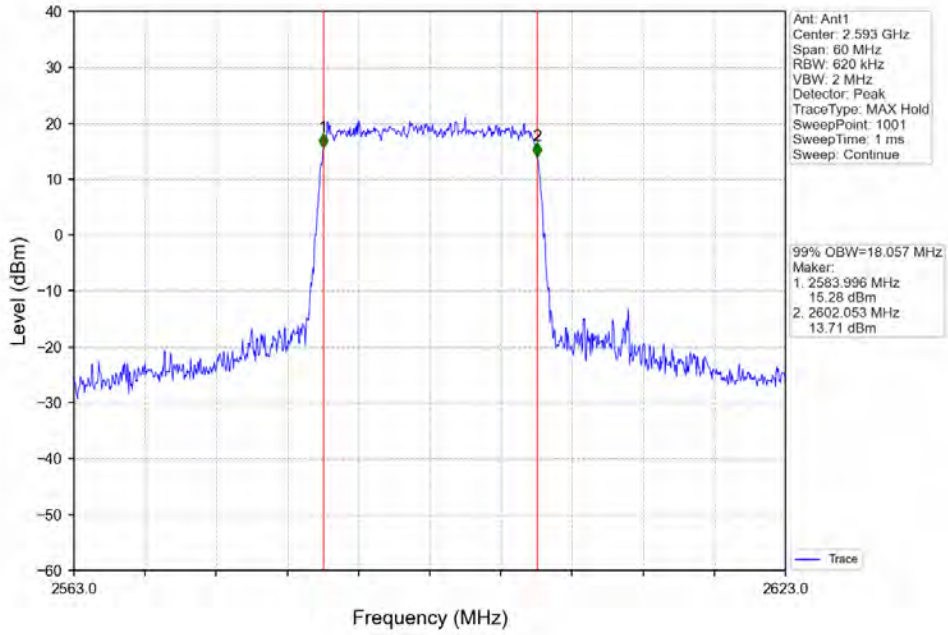


Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV

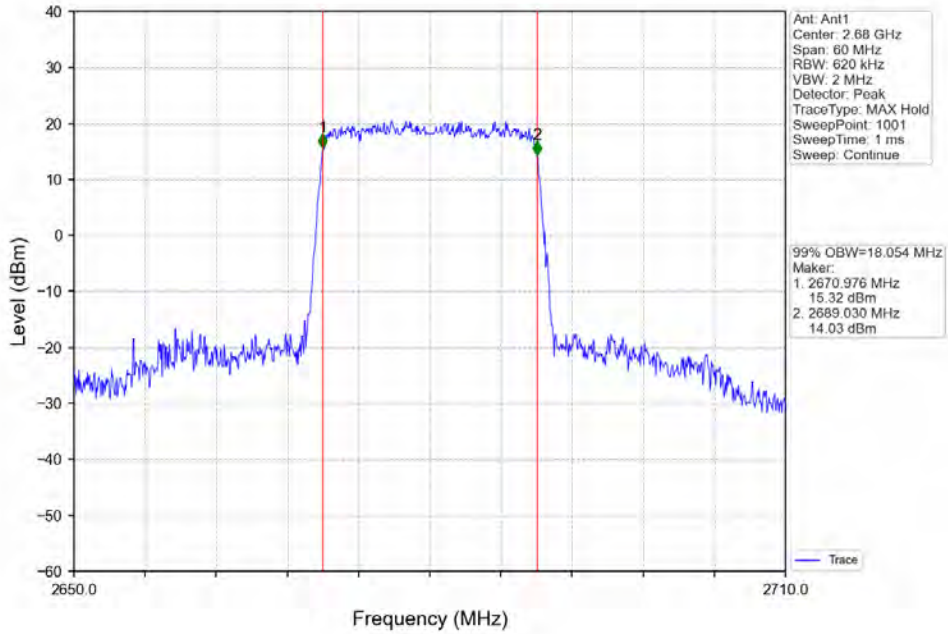




Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV

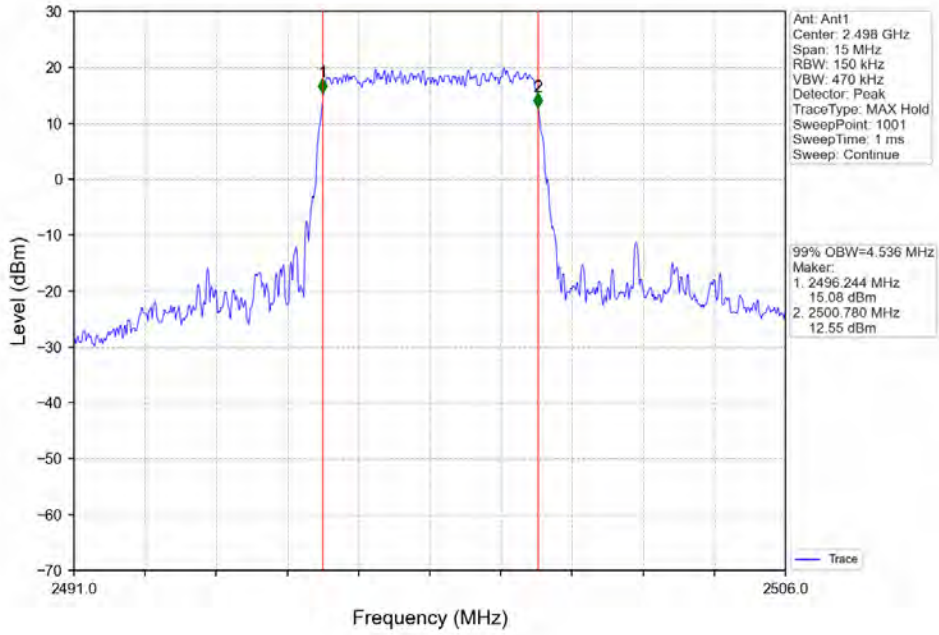


Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV

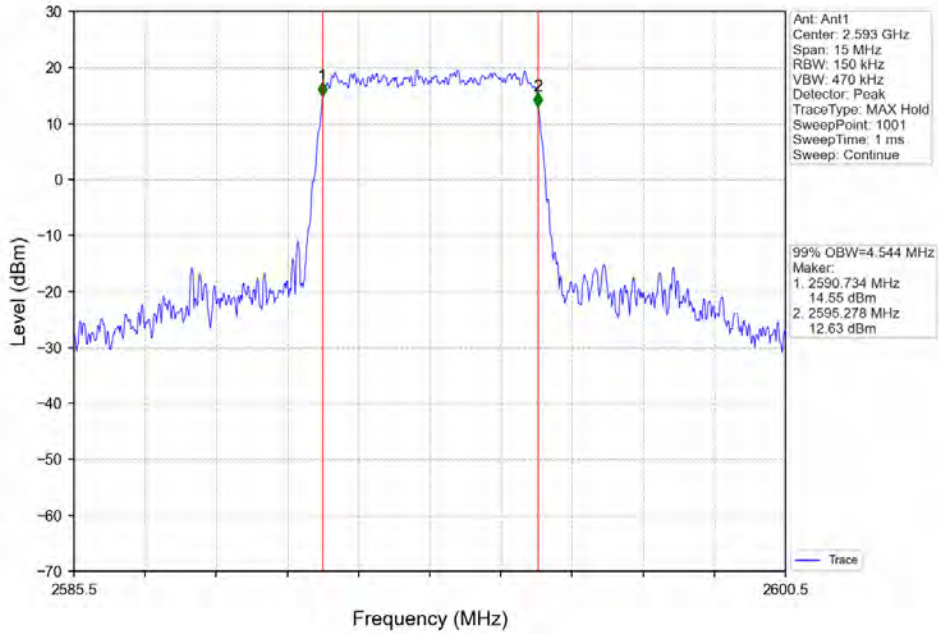




Band41\_5MHz\_64QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV

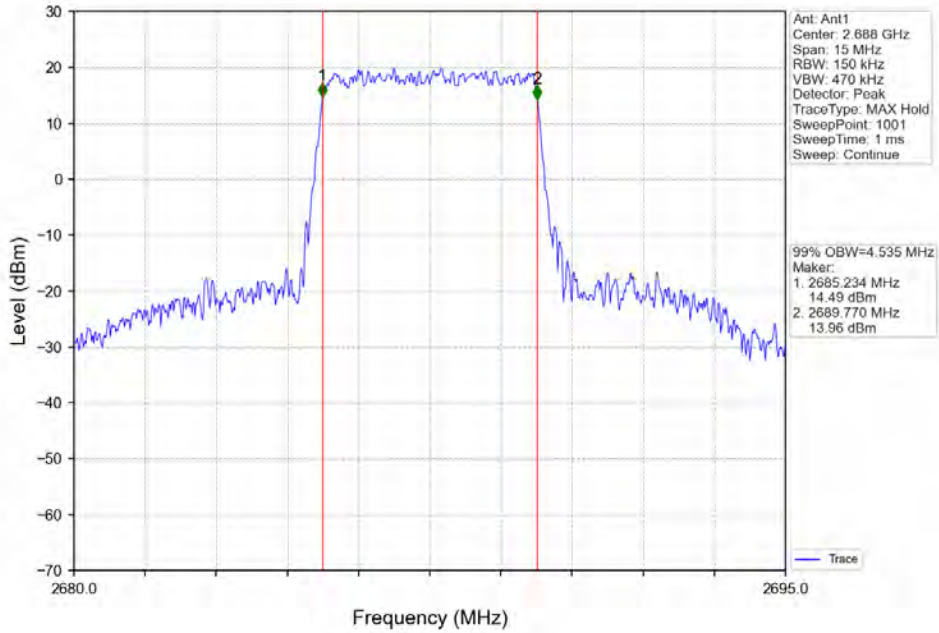


Band41\_5MHz\_64QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV

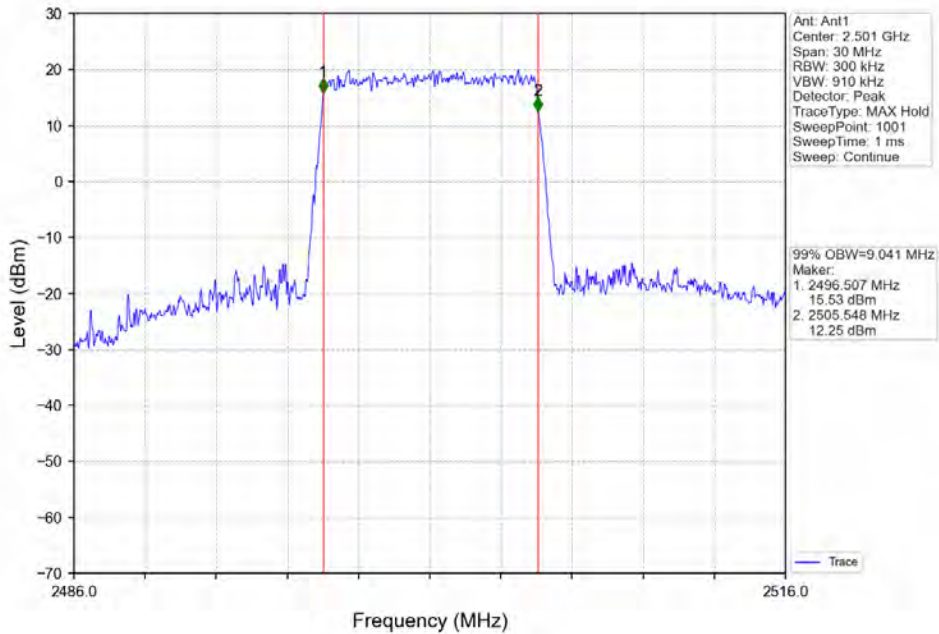




Band41\_5MHz\_64QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



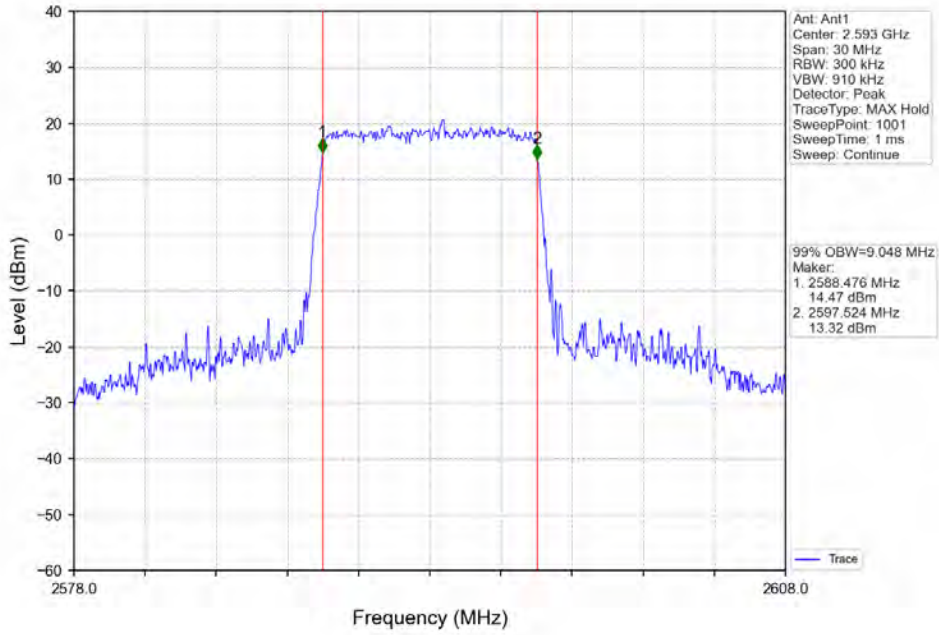
Band41\_10MHz\_64QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



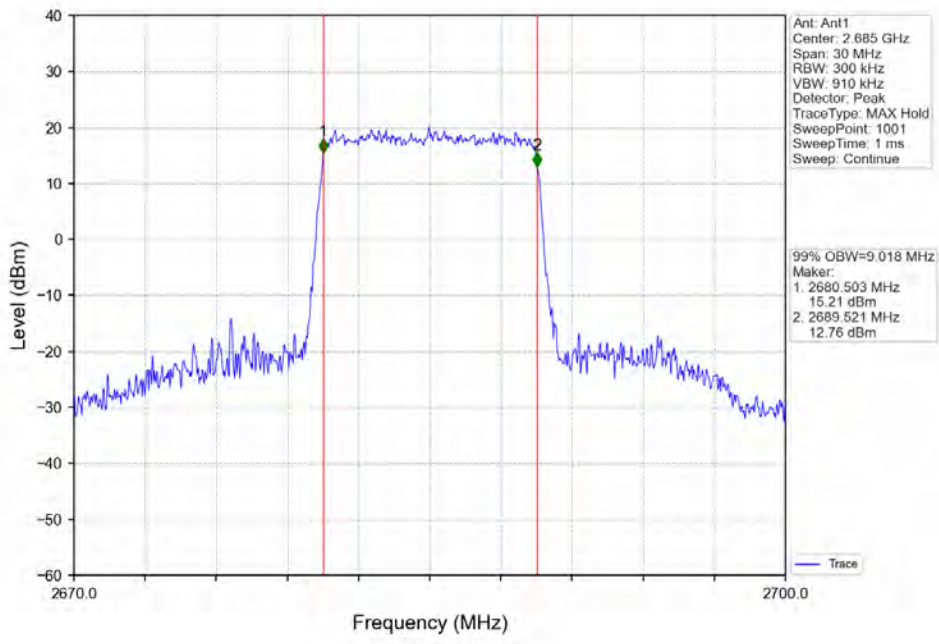




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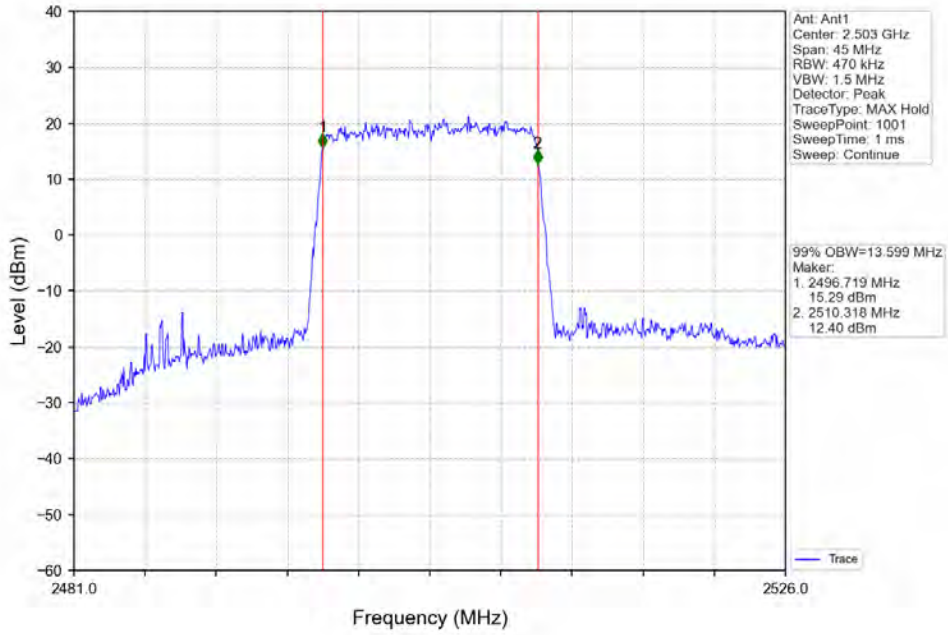
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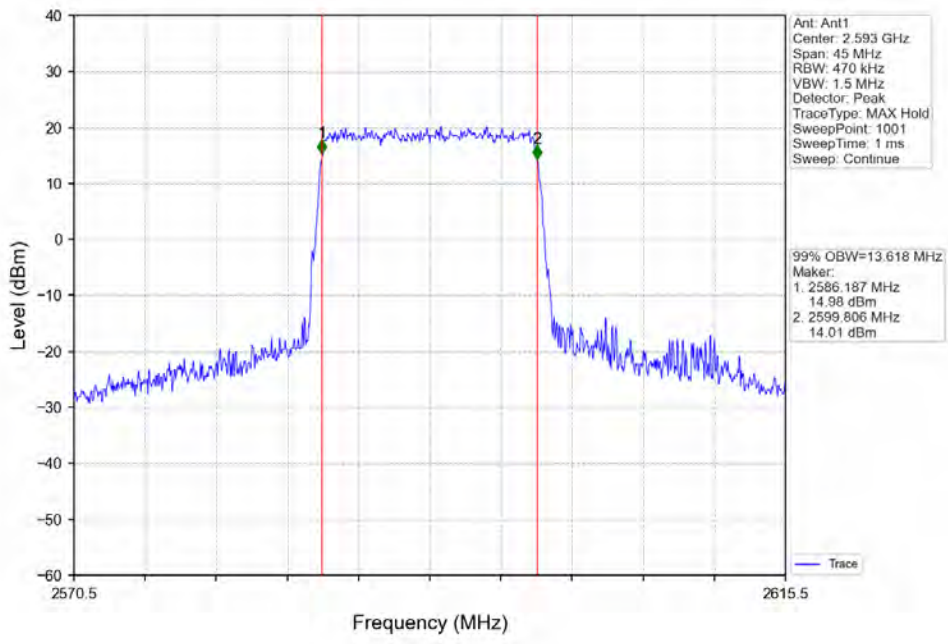




Band41\_15MHz\_64QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



Band41\_15MHz\_64QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



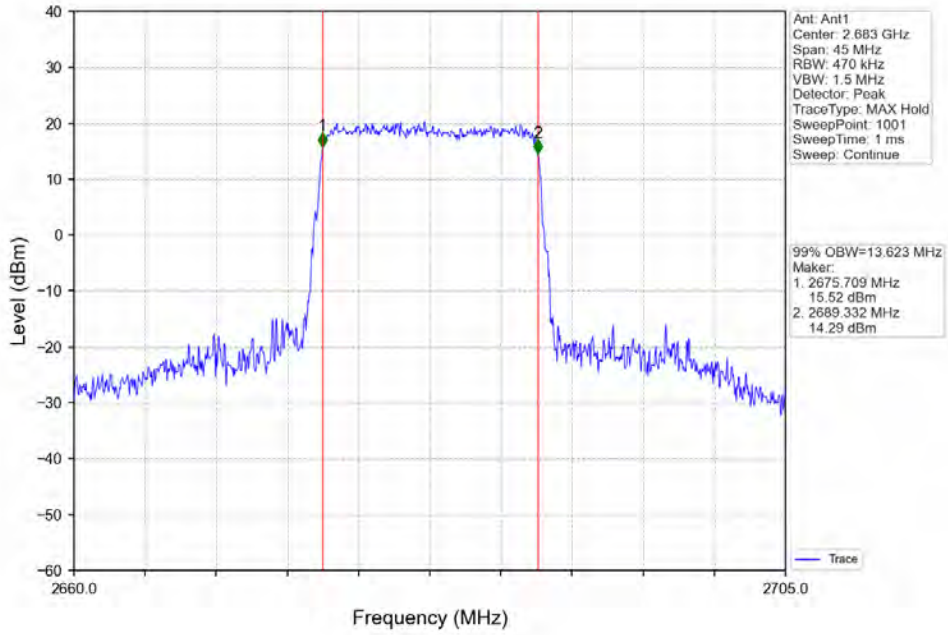
BV 7Layers Communications Technology (Shenzhen) Co. Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China

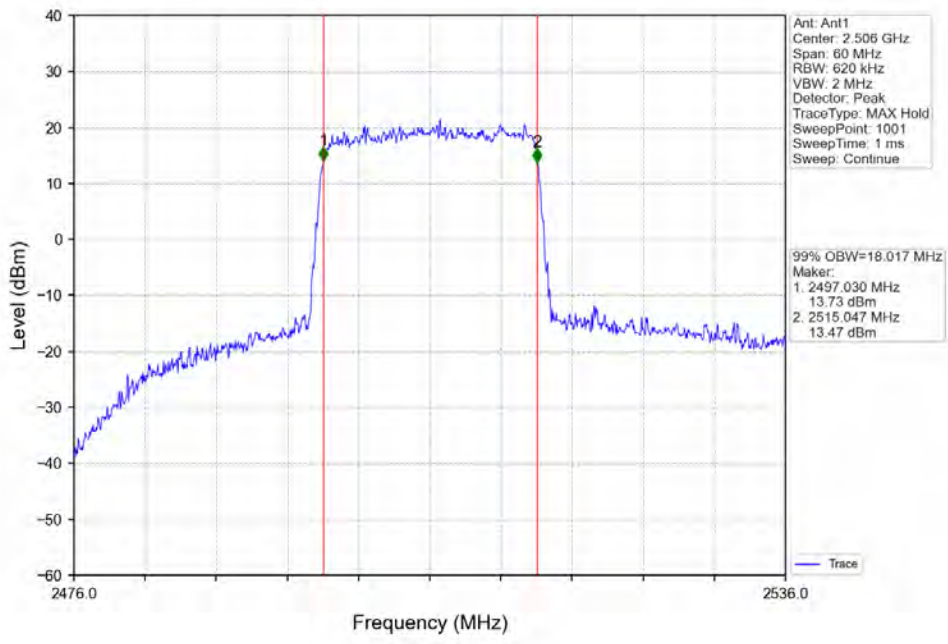
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Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band41\_15MHz\_64QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV

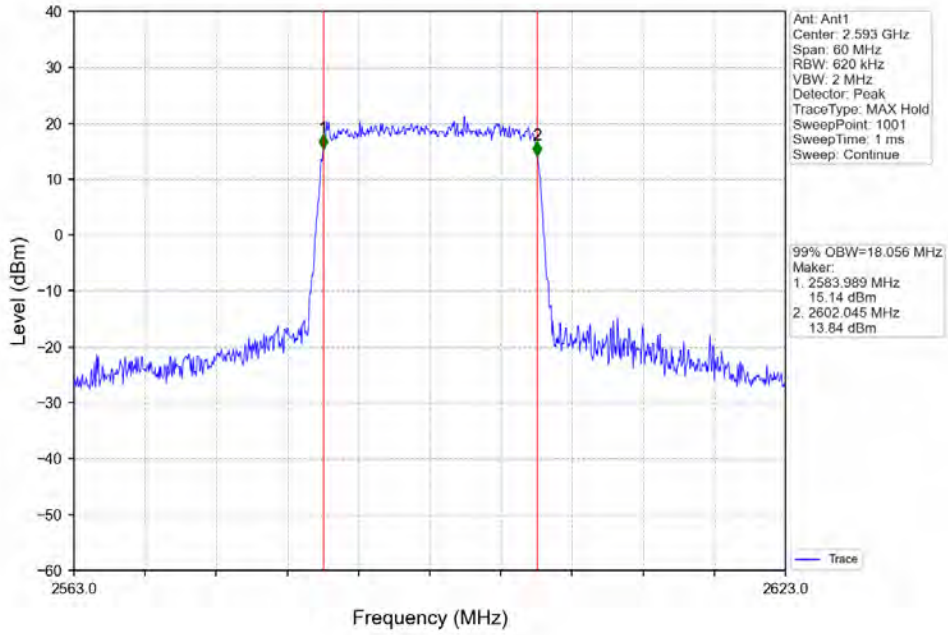


Band41\_20MHz\_64QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV

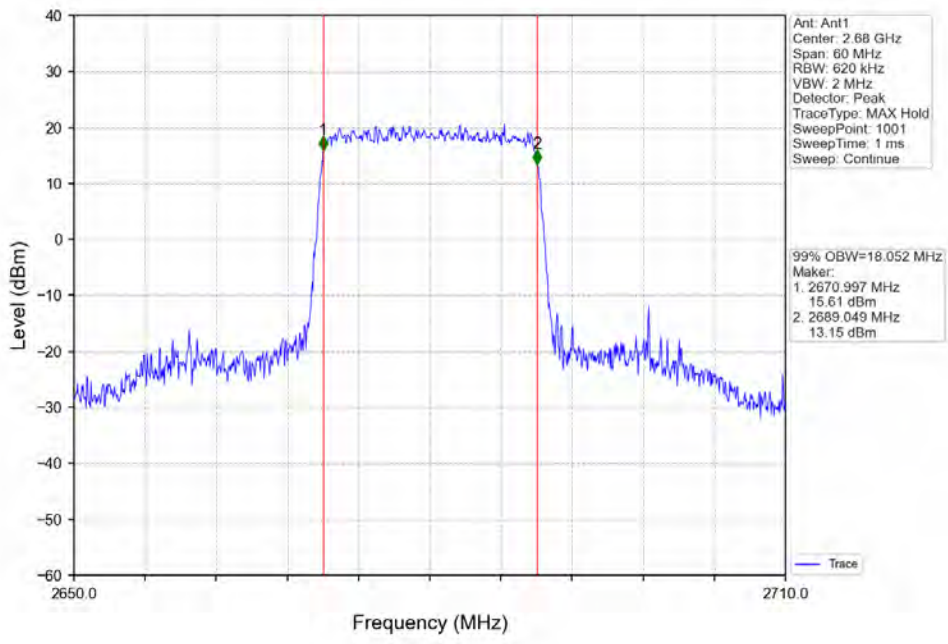




Band41\_20MHz\_64QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_64QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



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Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



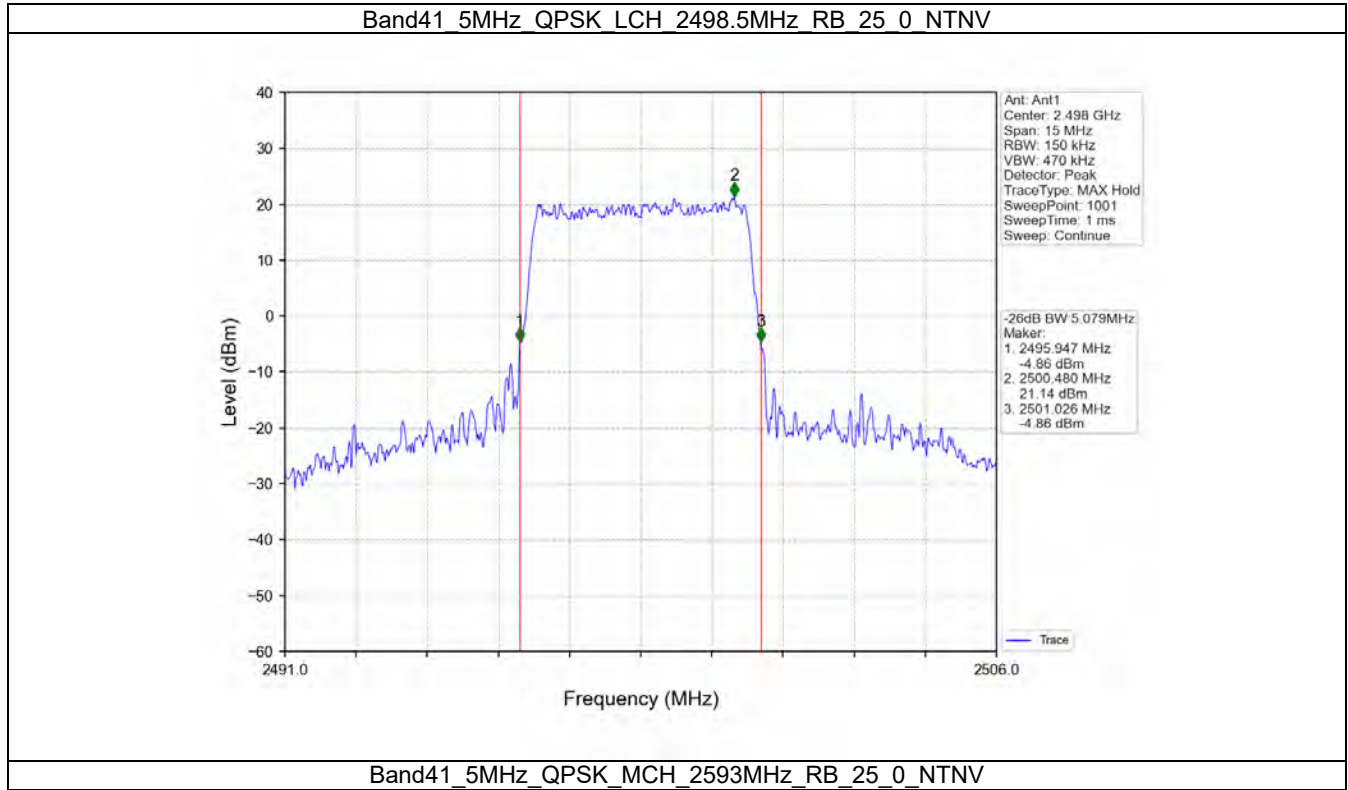
## 2.16 Band41 26DB

### 2.16.1 Test Result

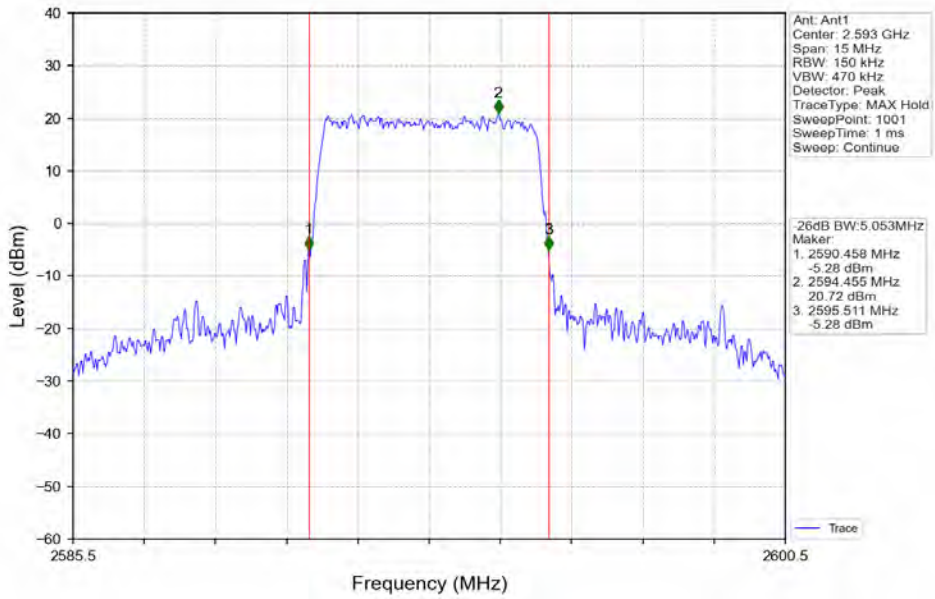
| Band: 41 / NTNV |            |                 |               |        |                      |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result               |         |
| 5               | QPSK       | 2498.5          | 25            | 0      | 5.079                | Pass    |
|                 |            | 2593            | 25            | 0      | 5.053                | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.002                | Pass    |
|                 | 16QAM      | 2498.5          | 25            | 0      | 5.055                | Pass    |
|                 |            | 2593            | 25            | 0      | 5.011                | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.050                | Pass    |
|                 | 64QAM      | 2498.5          | 25            | 0      | 5.055                | Pass    |
|                 |            | 2593            | 25            | 0      | 5.035                | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.029                | Pass    |
| 10              | QPSK       | 2501            | 50            | 0      | 9.931                | Pass    |
|                 |            | 2593            | 50            | 0      | 9.946                | Pass    |
|                 |            | 2685            | 50            | 0      | 9.975                | Pass    |
|                 | 16QAM      | 2501            | 50            | 0      | 9.862                | Pass    |
|                 |            | 2593            | 50            | 0      | 9.892                | Pass    |
|                 |            | 2685            | 50            | 0      | 9.846                | Pass    |
|                 | 64QAM      | 2501            | 50            | 0      | 9.944                | Pass    |
|                 |            | 2593            | 50            | 0      | 9.940                | Pass    |
|                 |            | 2685            | 50            | 0      | 9.819                | Pass    |
| 15              | QPSK       | 2503.5          | 75            | 0      | 14.857               | Pass    |
|                 |            | 2593            | 75            | 0      | 14.871               | Pass    |
|                 |            | 2682.5          | 75            | 0      | 14.846               | Pass    |
|                 | 16QAM      | 2503.5          | 75            | 0      | 14.889               | Pass    |
|                 |            | 2593            | 75            | 0      | 14.964               | Pass    |
|                 |            | 2682.5          | 75            | 0      | 15.010               | Pass    |
|                 | 64QAM      | 2503.5          | 75            | 0      | 14.862               | Pass    |
|                 |            | 2593            | 75            | 0      | 15.016               | Pass    |
|                 |            | 2682.5          | 75            | 0      | 15.009               | Pass    |
| 20              | QPSK       | 2506            | 100           | 0      | 19.691               | Pass    |
|                 |            | 2593            | 100           | 0      | 19.688               | Pass    |
|                 |            | 2680            | 100           | 0      | 19.688               | Pass    |
|                 | 16QAM      | 2506            | 100           | 0      | 19.598               | Pass    |
|                 |            | 2593            | 100           | 0      | 19.550               | Pass    |
|                 |            | 2680            | 100           | 0      | 19.827               | Pass    |
|                 | 64QAM      | 2506            | 100           | 0      | 19.814               | Pass    |
|                 |            | 2593            | 100           | 0      | 19.535               | Pass    |
|                 |            | 2680            | 100           | 0      | 19.651               | Pass    |



### 2.16.2 Test Graph







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District, Shenzhen, Guangdong, China

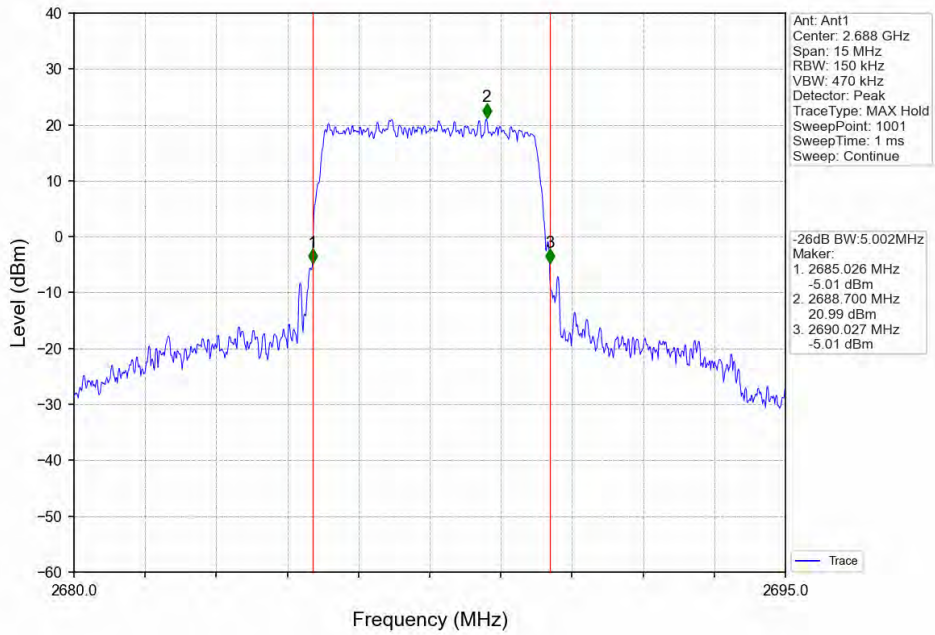
Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

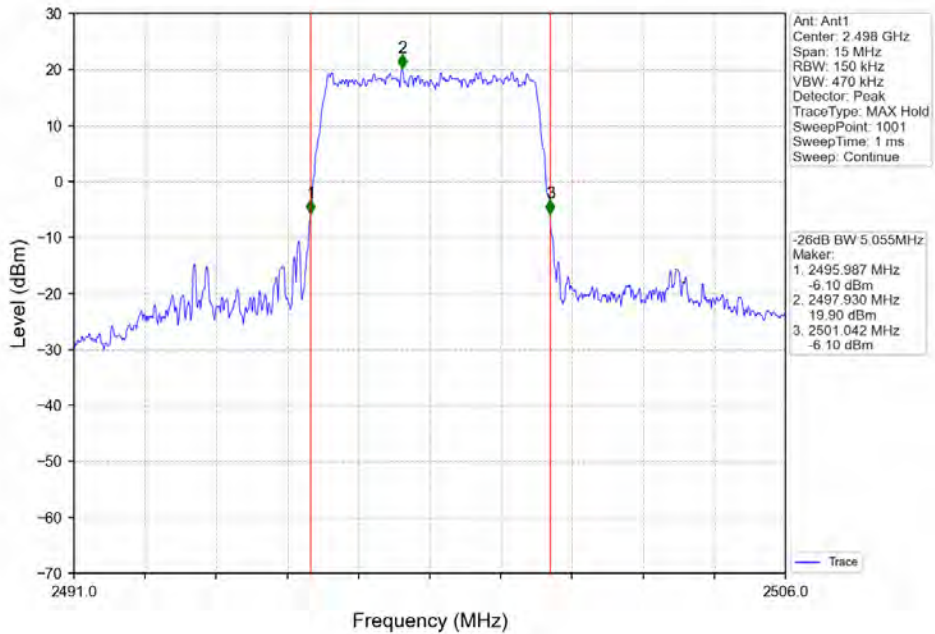
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV

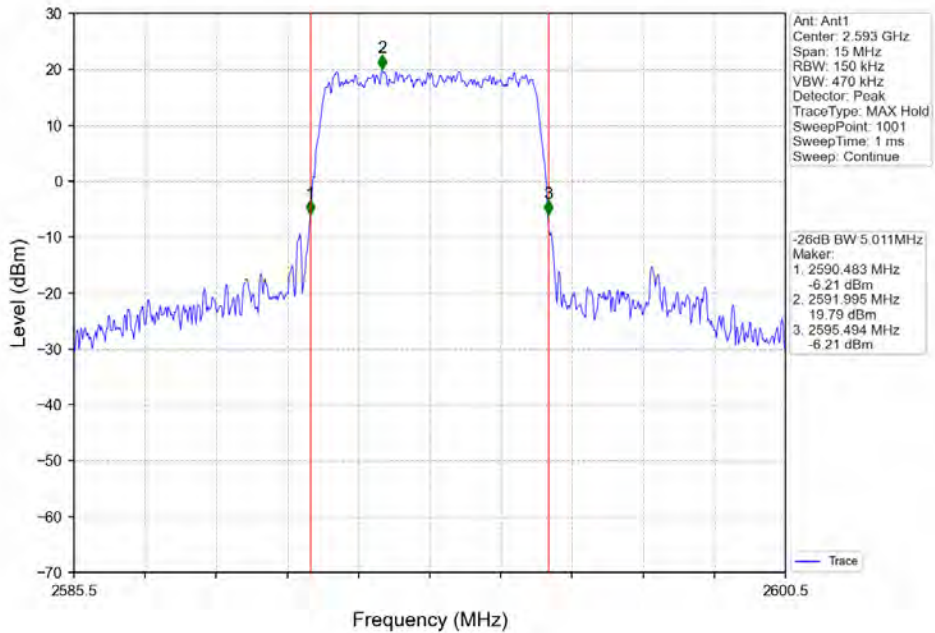


Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV

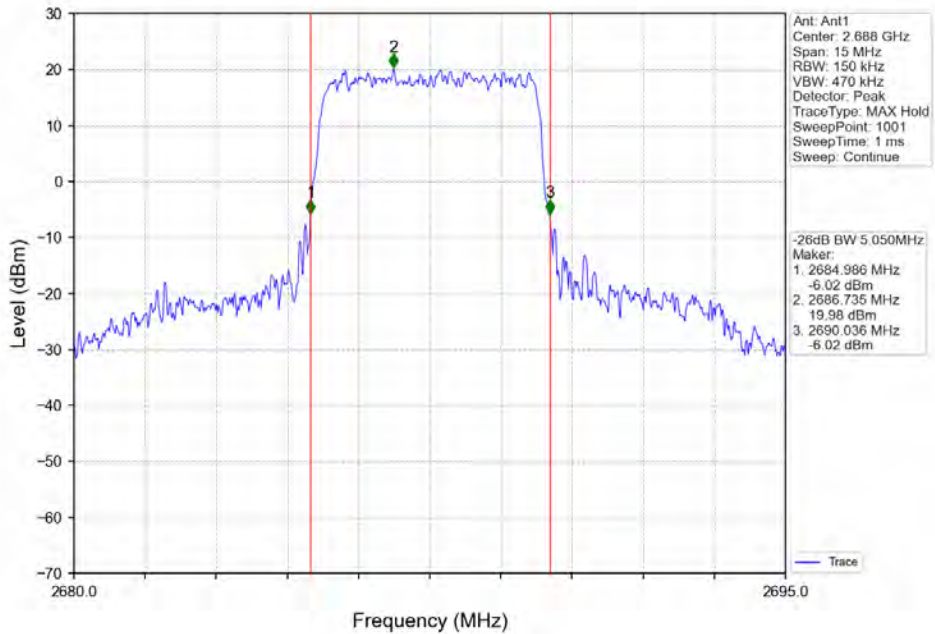




Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



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Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

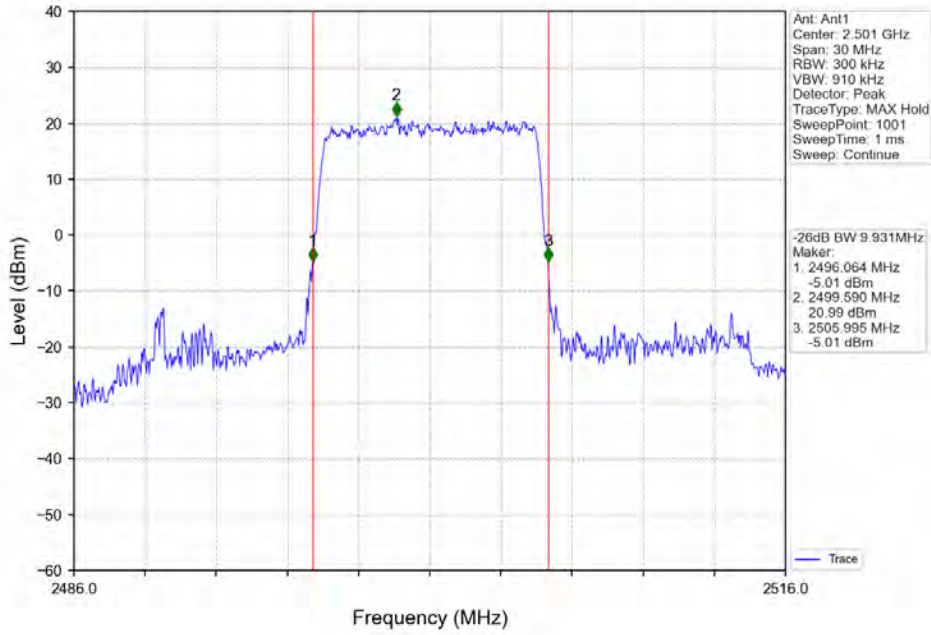
Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

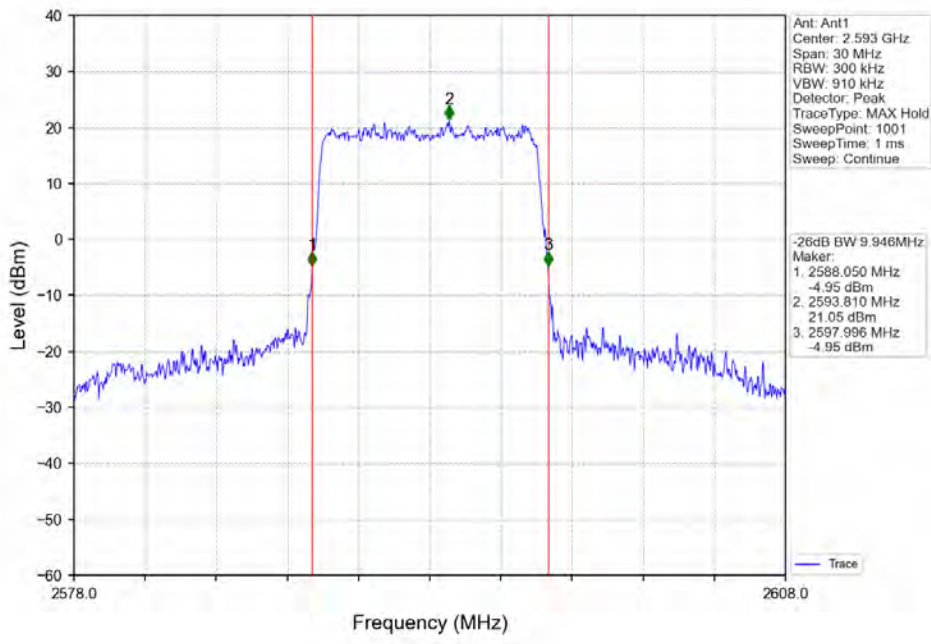
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



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Fax: +86 755 8869 6577

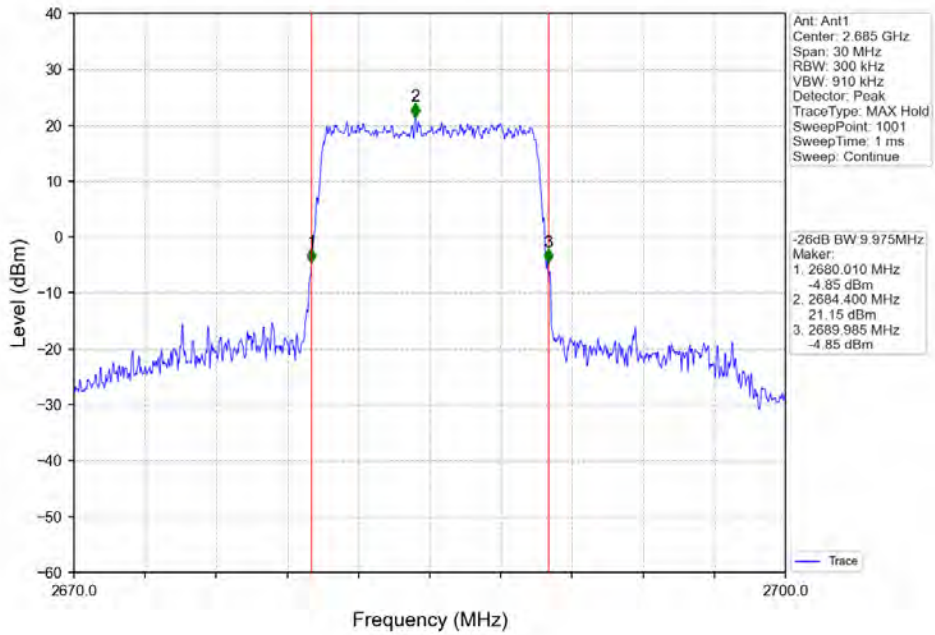
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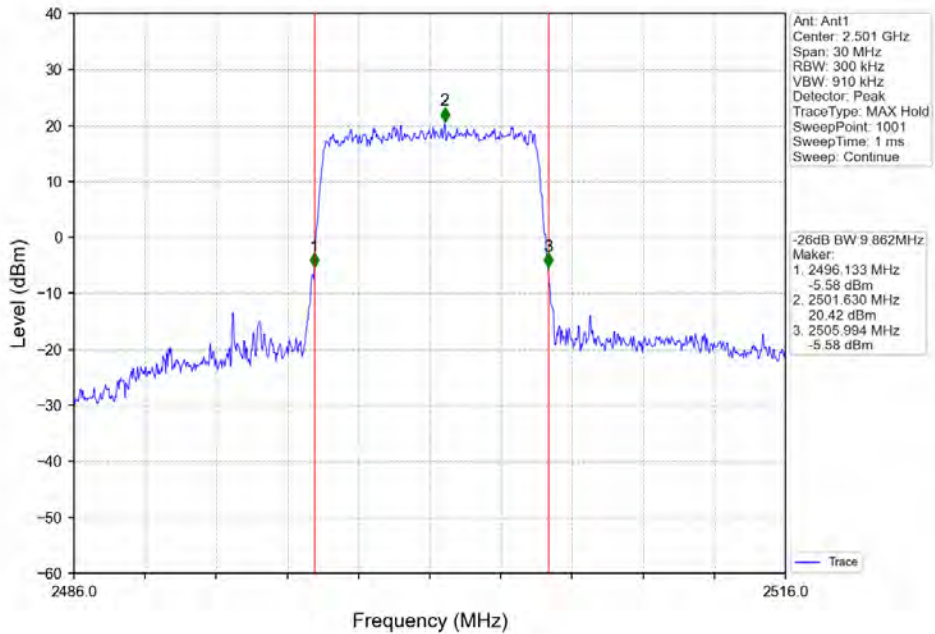
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**VERITAS**

**Test Report No.: W7L-P20210616-3RF03**

**Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV**



**Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV**



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Technology (Shenzhen) Co. Ltd

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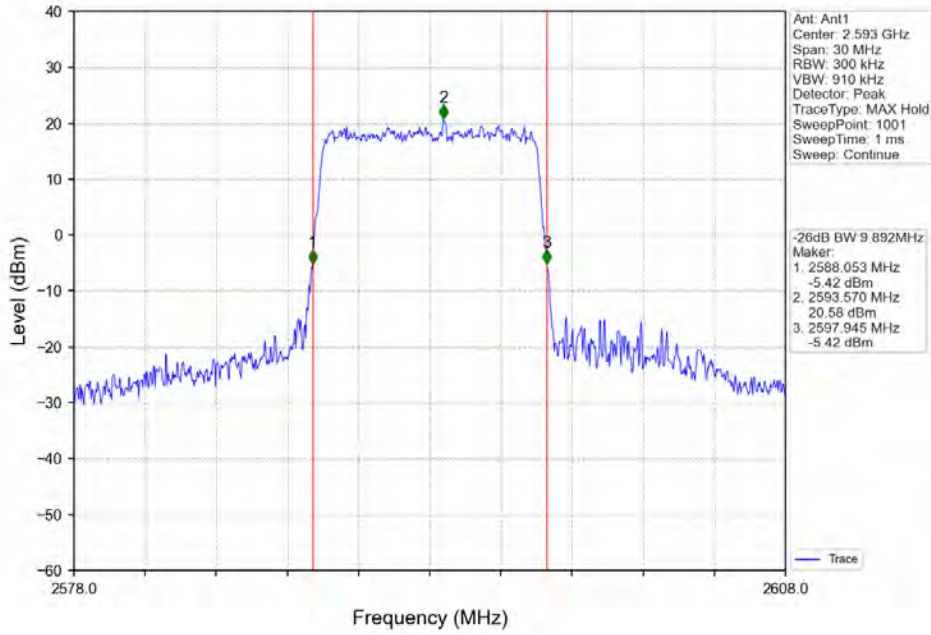
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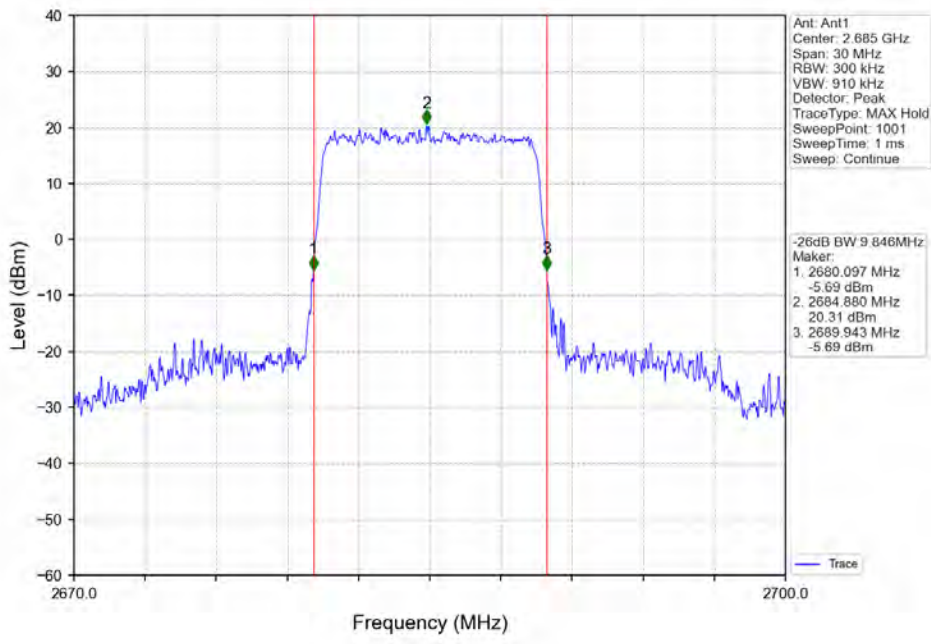




Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



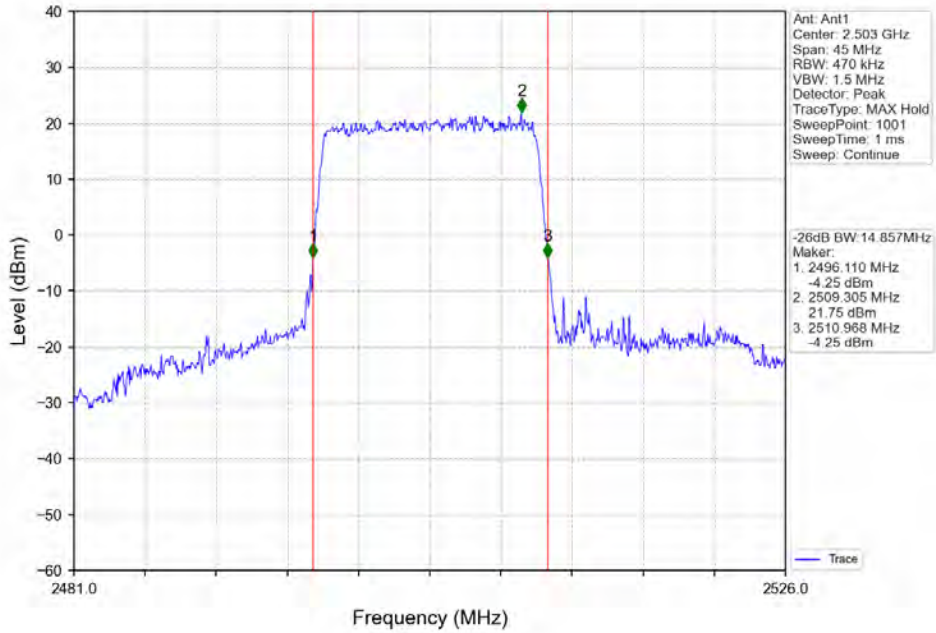
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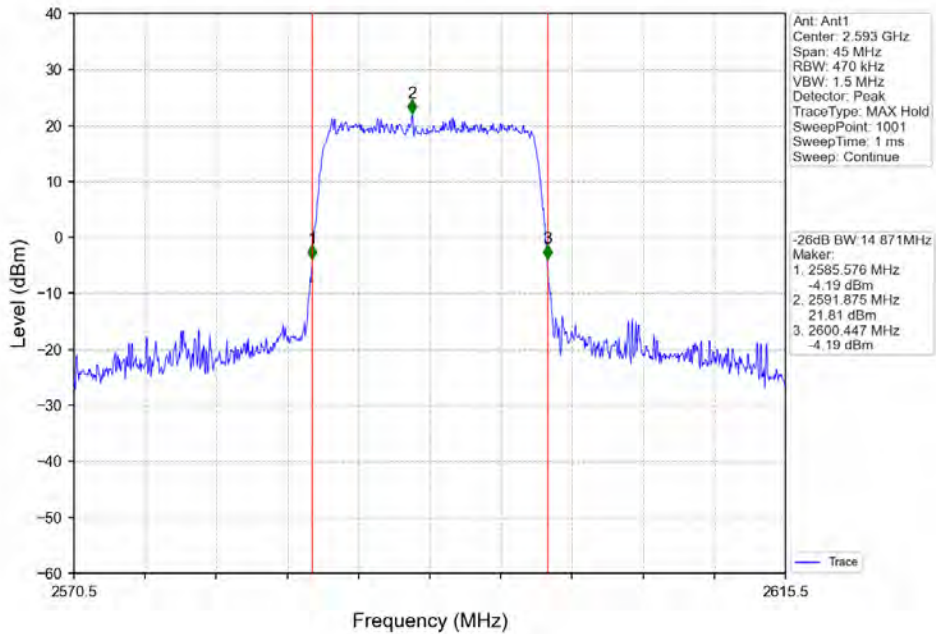
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Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



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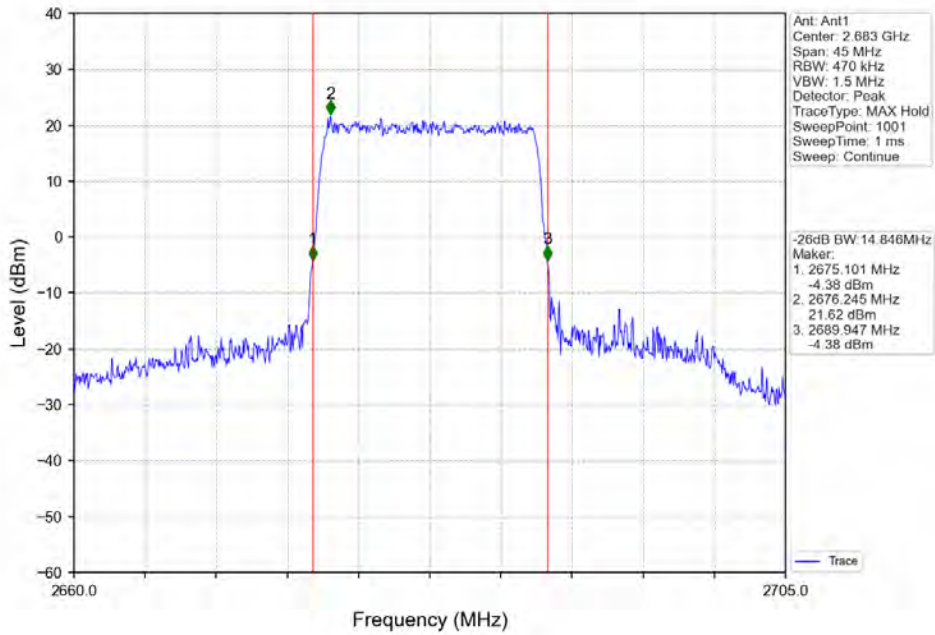
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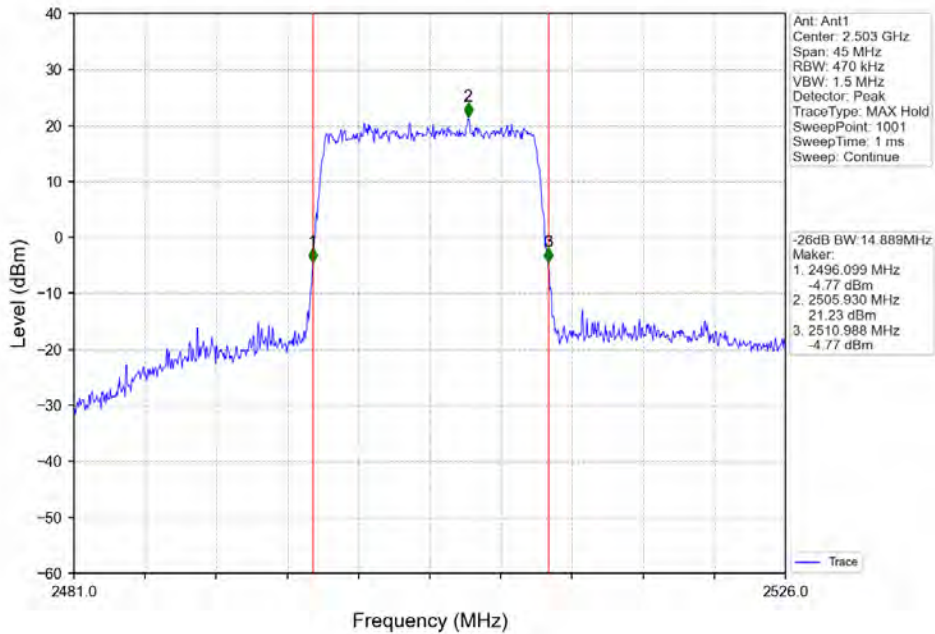
**BUREAU**  
**VERITAS**

**Test Report No.: W7L-P20210616-3RF03**

Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



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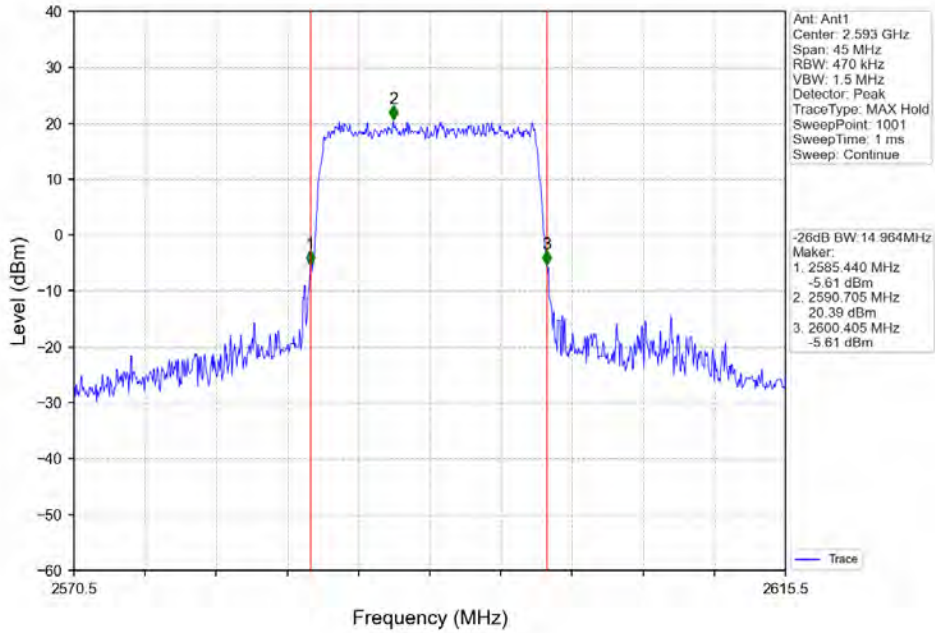
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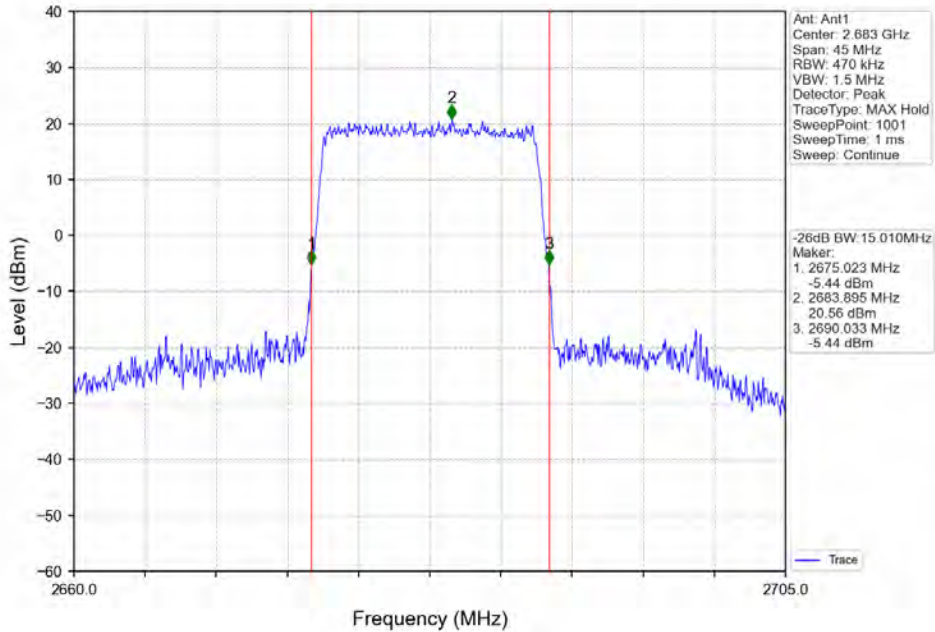
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Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



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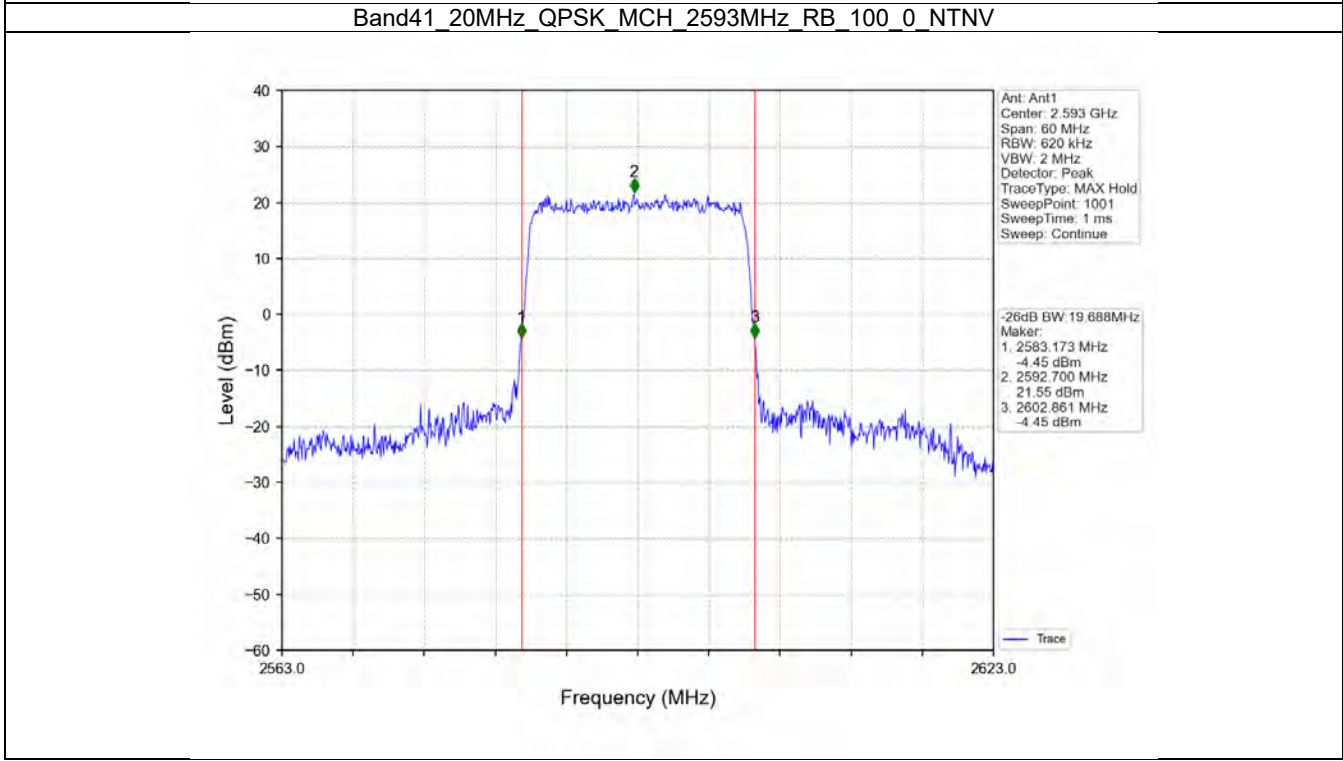
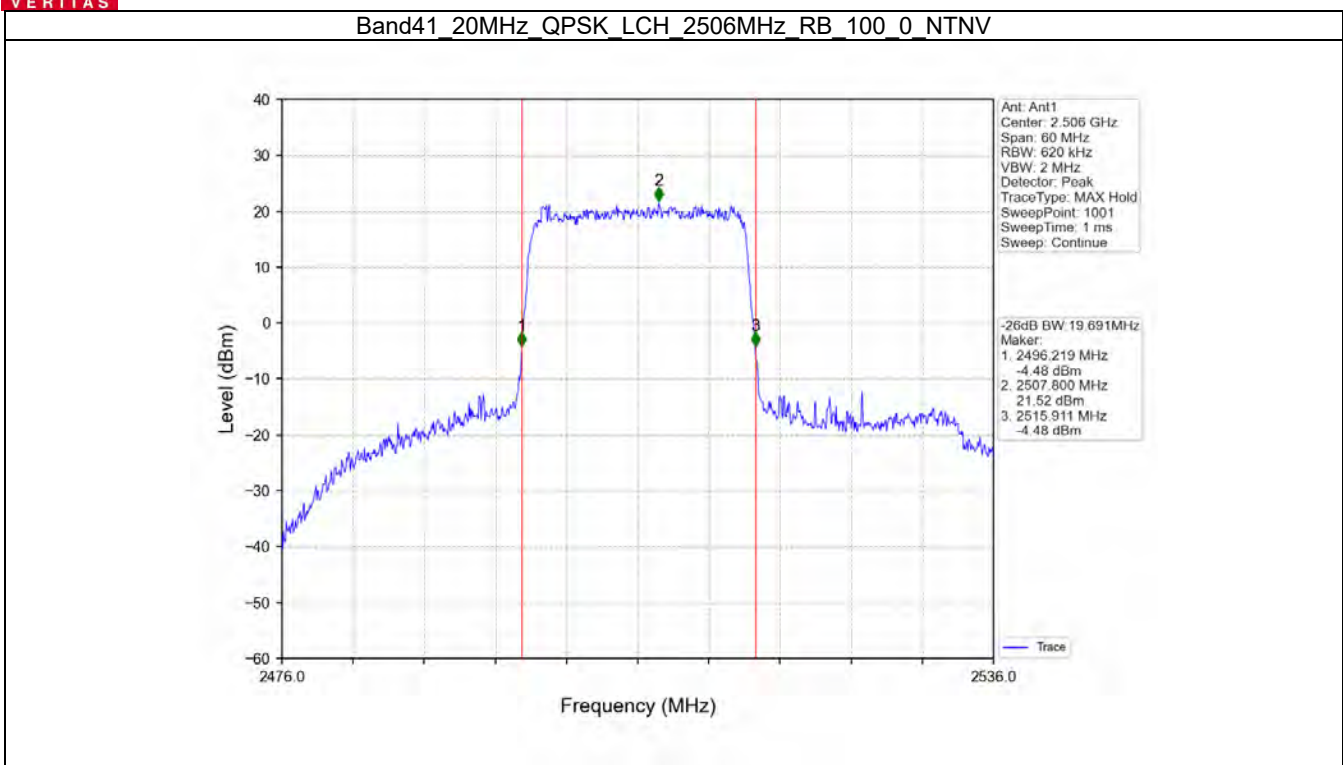
No.B102, Dazu Chuangxin Mansion, North of Beihuan  
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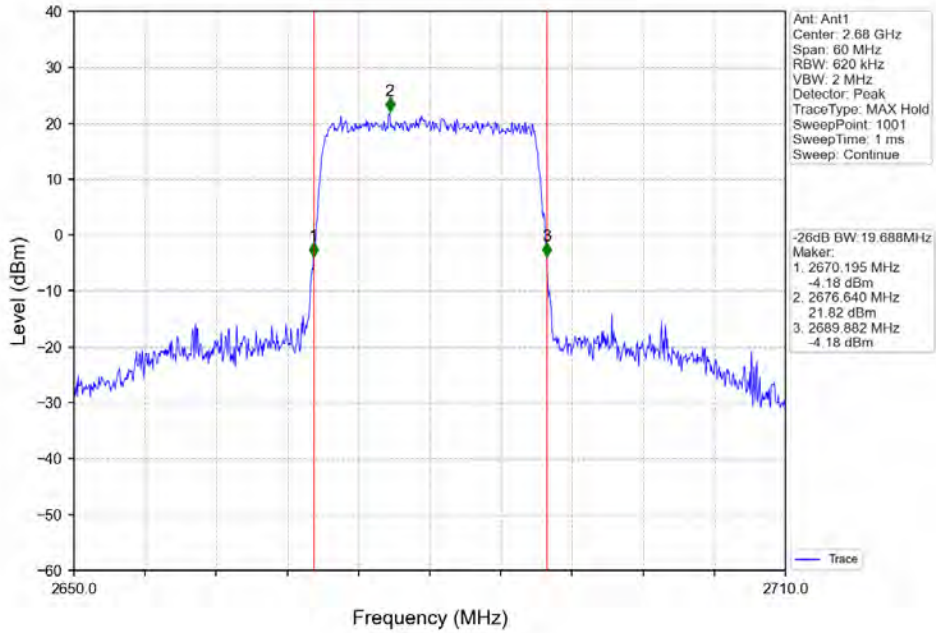
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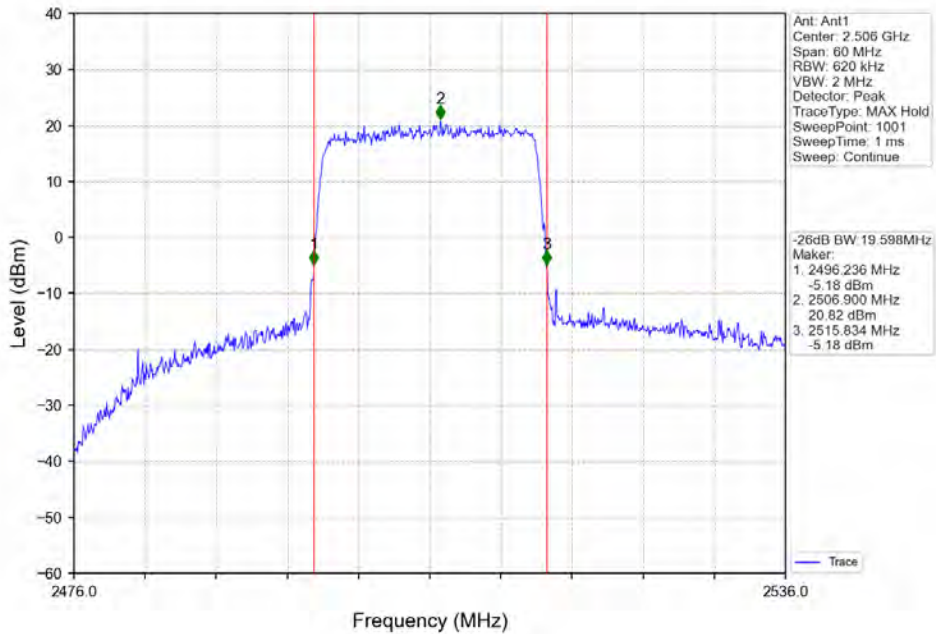




Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



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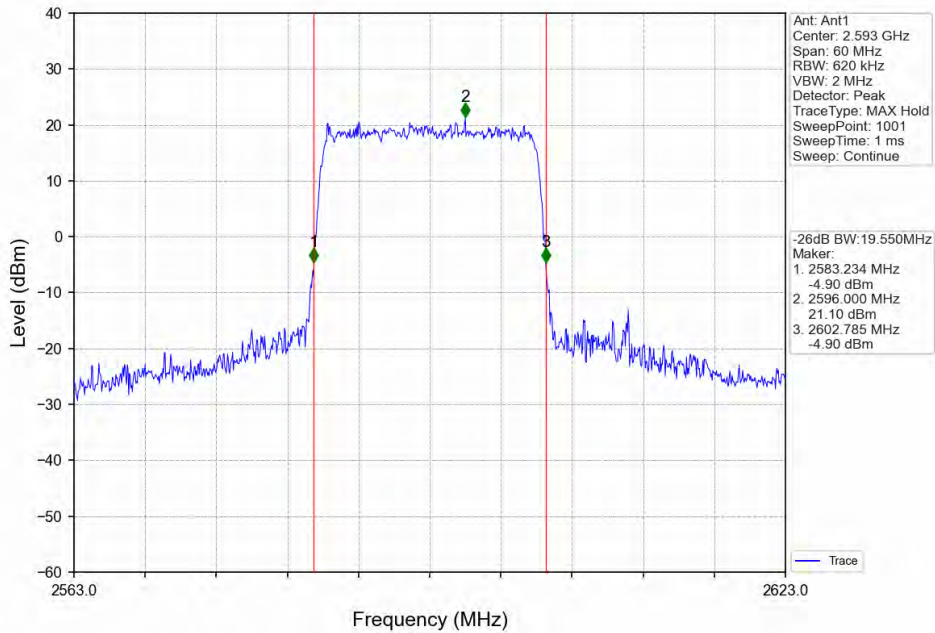
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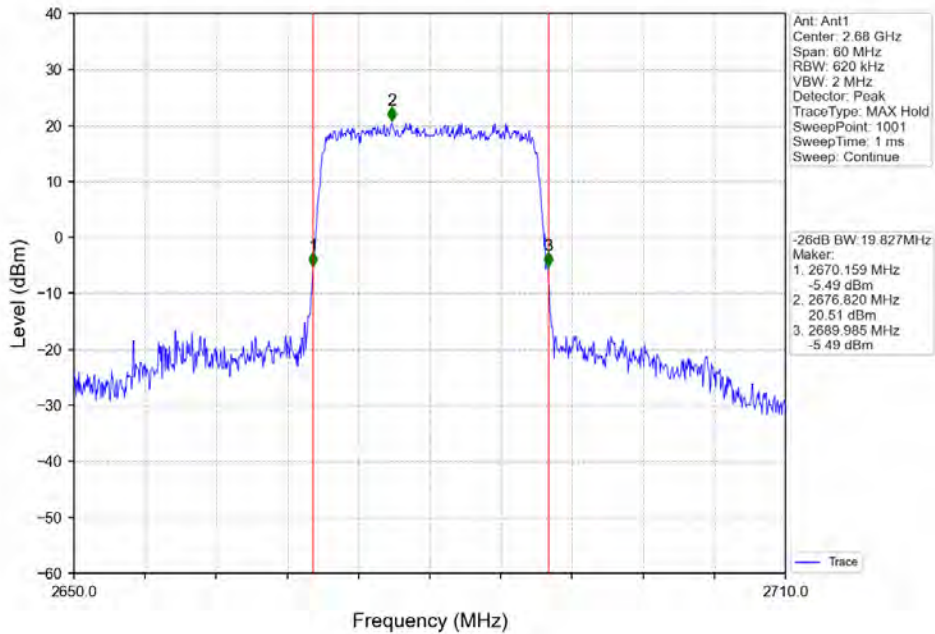
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



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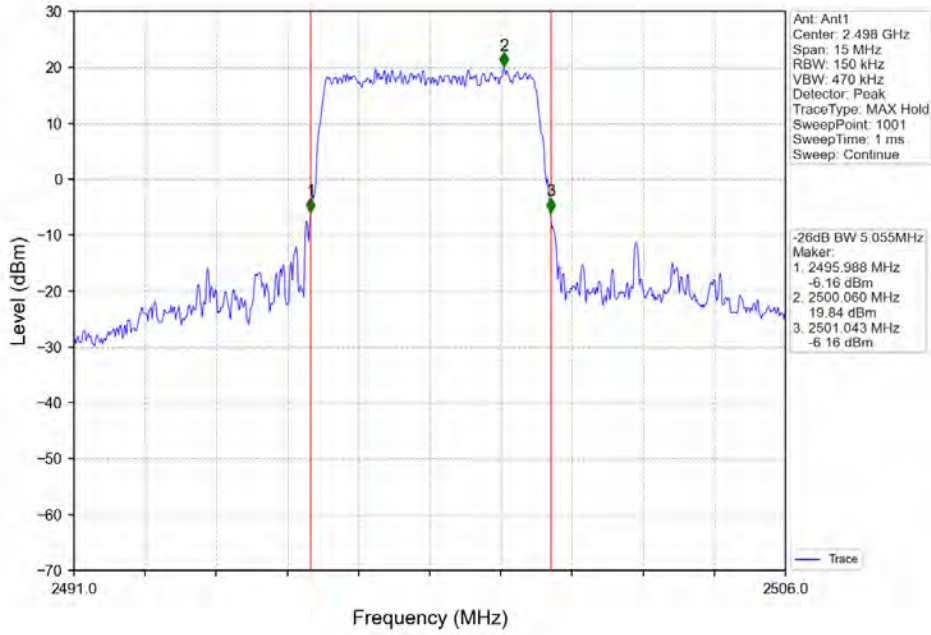
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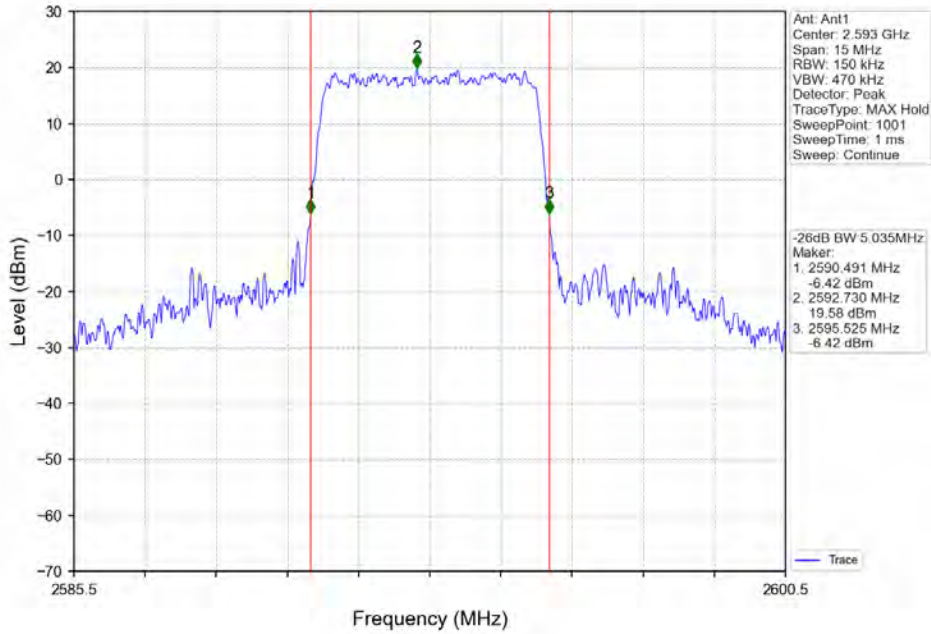
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Band41\_5MHz\_64QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



Band41\_5MHz\_64QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



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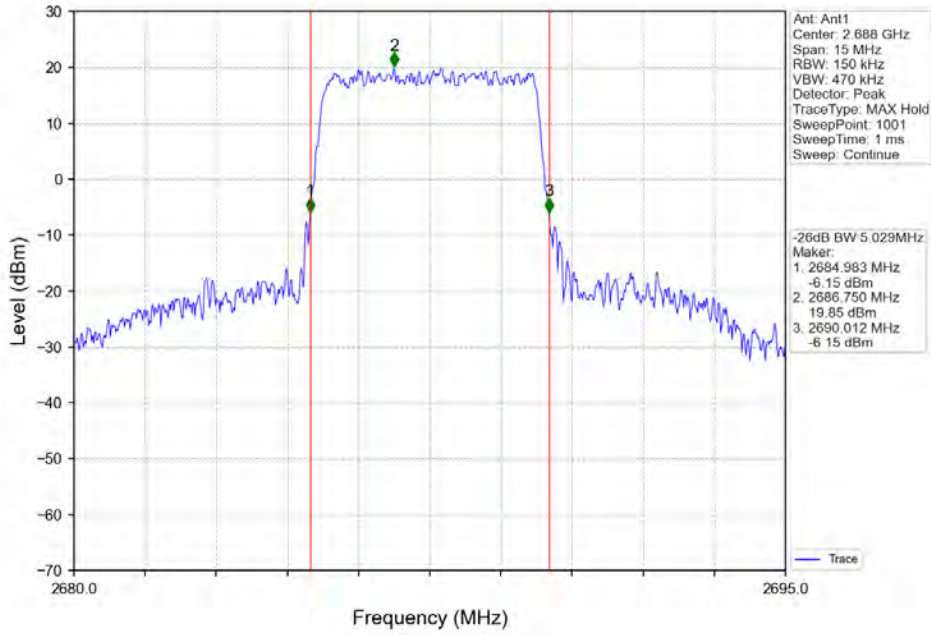
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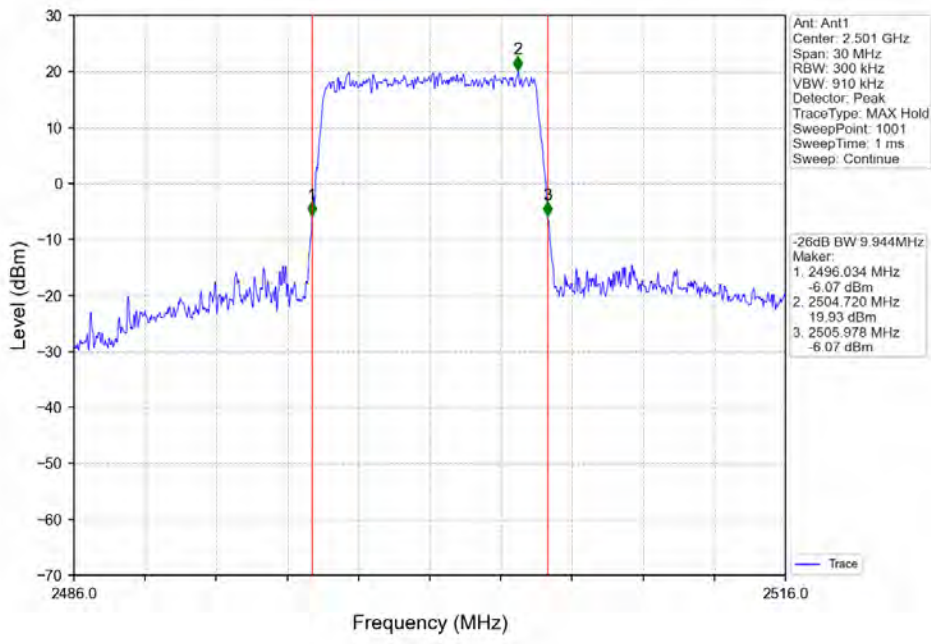
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Band41\_5MHz\_64QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



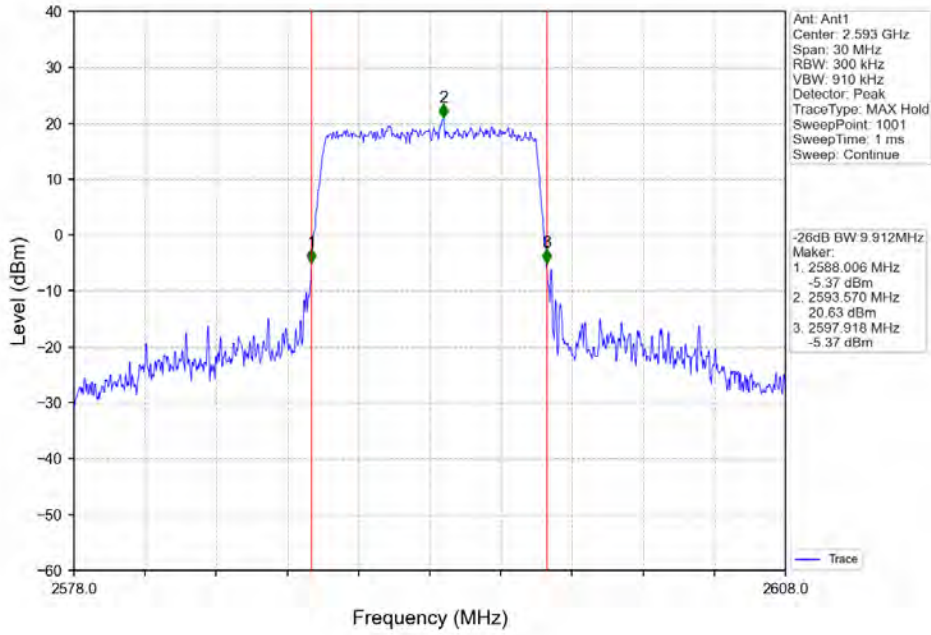
Band41\_10MHz\_64QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



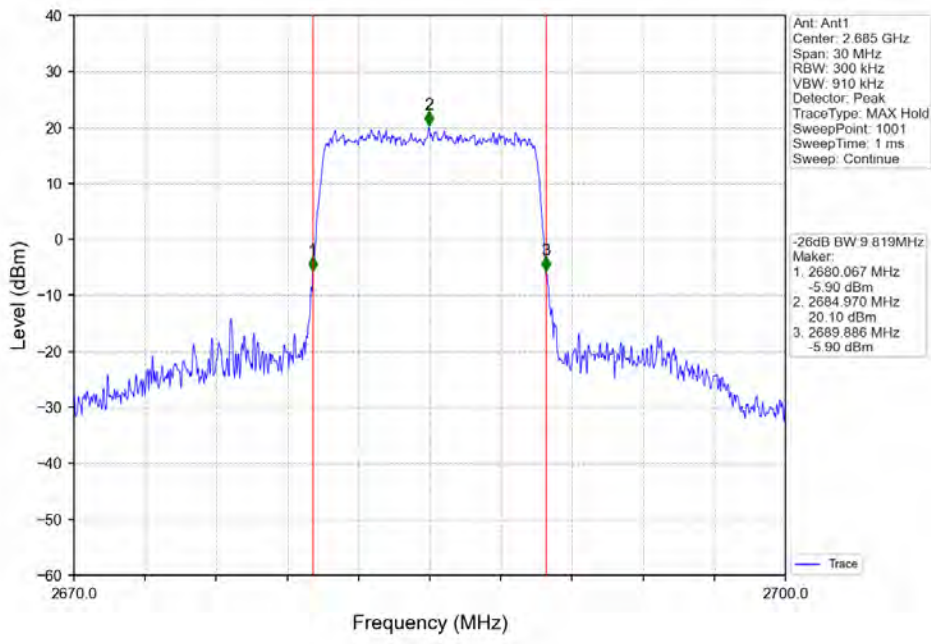




Band41\_10MHz\_64QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_64QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



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Tel: +86 755 8869 6566

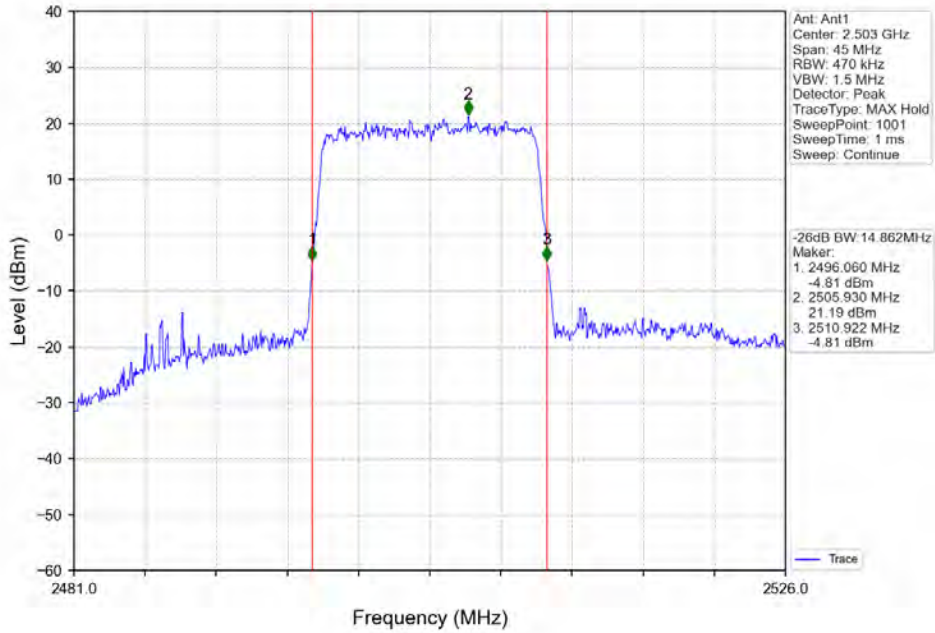
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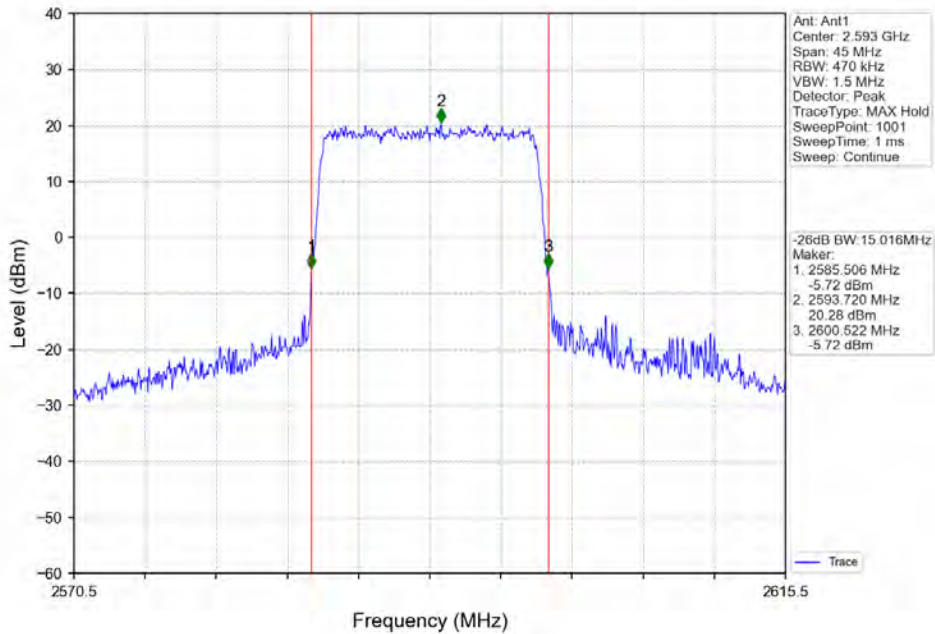




Band41\_15MHz\_64QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



Band41\_15MHz\_64QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



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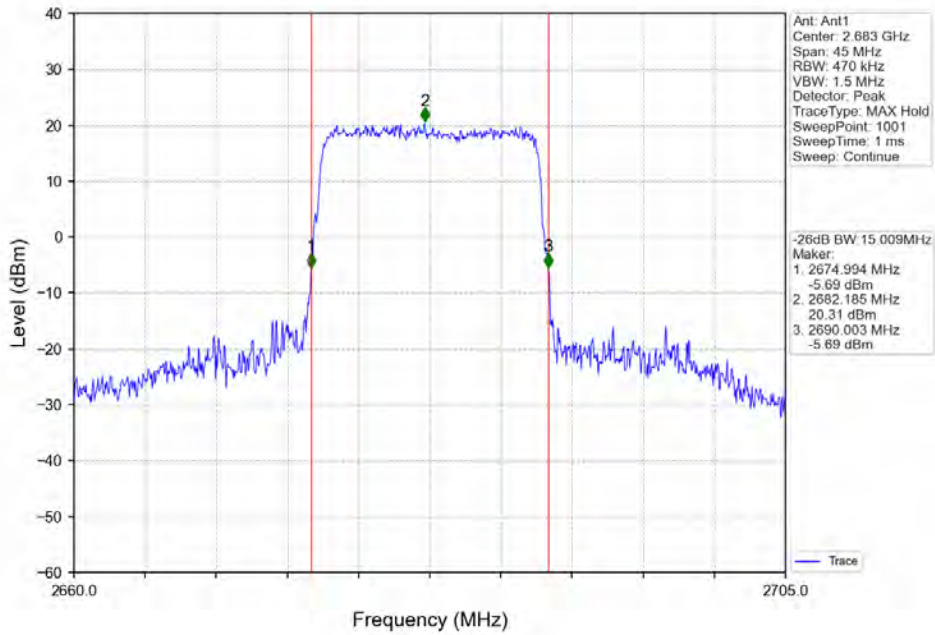
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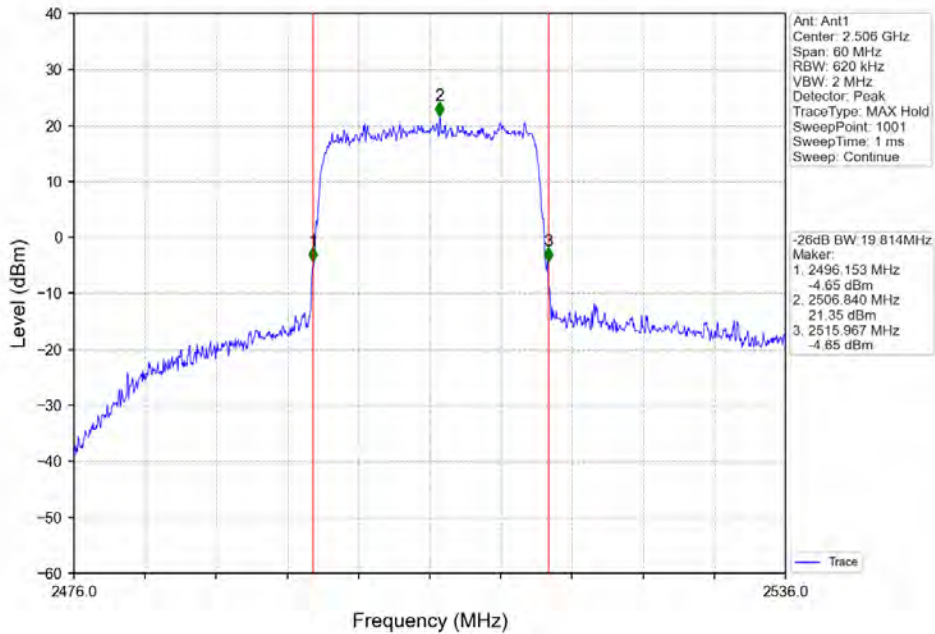
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Band41\_15MHz\_64QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV

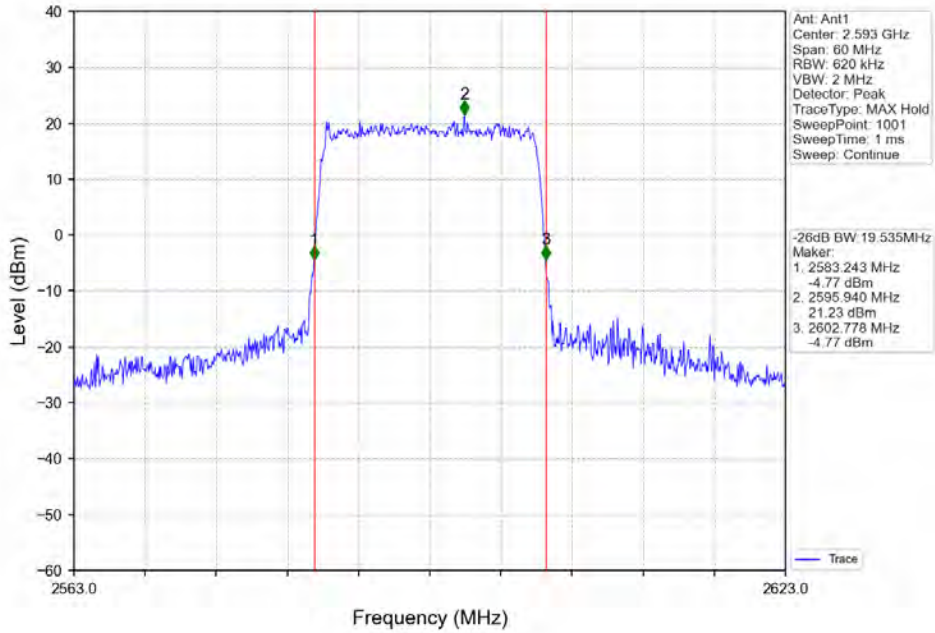


Band41\_20MHz\_64QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV

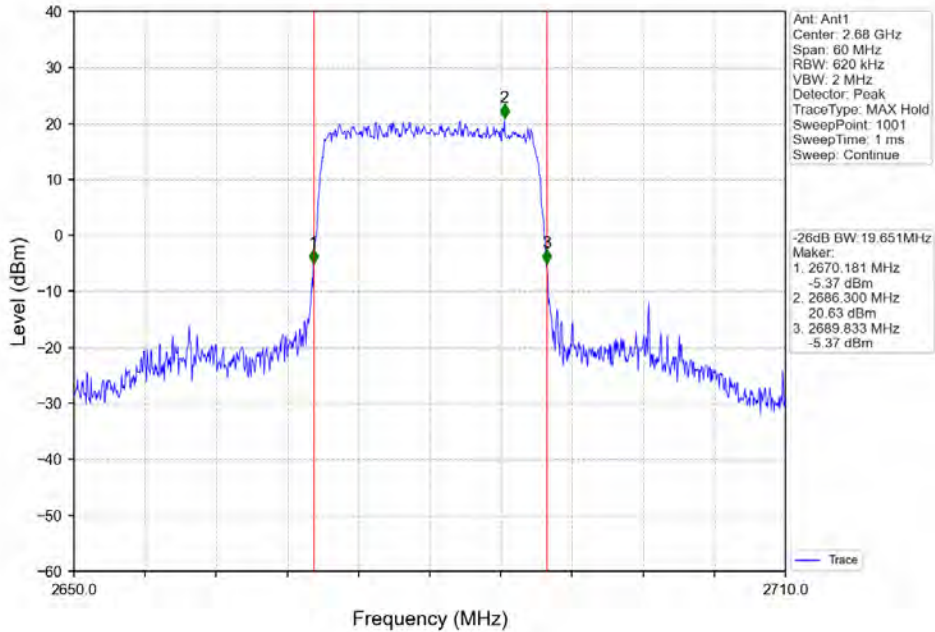




Band41\_20MHz\_64QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_64QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV





## 2.17 LTE 66C 5MHz+20M\_OBW

### 2.17.1 Test Result

| Band: 66C / Bandwidth: 5MHz+20MHz / NTN  |               |        |                              |        |         |             |         |
|--|---------------|--------|------------------------------|--------|---------|-------------|---------|
| Modulation                               | RB Allocation |        | 99% Occupied Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|  | Size          | Offset | LCH                          | MCH    | HCH     |             |         |
| QPSK                                     | FULL          | 0      | 23.306                       | 23.352 | 23.336  | /           | Pass    |
| 16QAM                                    | FULL          | 0      | 23.286                       | 23.187 | 23.215  | /           | Pass    |
| 64QAM                                    | FULL          | 0      | 23.209                       | 23.249 | 23.263  | /           | Pass    |
| Band: 66C / Bandwidth: 10MHz+15MHz / NTN |               |        |                              |        |         |             |         |
| Modulation                               | RB Allocation |        | 99% Occupied Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|  | Size          | Offset | LCH                          | MCH    | HCH     |             |         |
| QPSK                                     | FULL          | 0      | 23.464                       | 23.435 | 23.491  | /           | Pass    |
| 16QAM                                    | FULL          | 0      | 23.301                       | 23.337 | 23.503  | /           | Pass    |
| 64QAM                                    | FULL          | 0      | 23.350                       | 23.397 | 23.463  | /           | Pass    |
| Band: 66C / Bandwidth: 10MHz+20MHz / NTN |               |        |                              |        |         |             |         |
| Modulation                               | RB Allocation |        | 99% Occupied Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|  | Size          | Offset | LCH                          | MCH    | HCH     |             |         |
| QPSK                                     | FULL          | 0      | 27.998                       | 27.940 | 27.943  | /           | Pass    |
| 16QAM                                    | FULL          | 0      | 27.915                       | 27.872 | 27.957  | /           | Pass    |
| 64QAM                                    | FULL          | 0      | 27.947                       | 27.851 | 27.927  | /           | Pass    |
| Band: 66C / Bandwidth: 15MHz+10MHz / NTN |               |        |                              |        |         |             |         |
| Modulation                               | RB Allocation |        | 99% Occupied Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|  | Size          | Offset | LCH                          | MCH    | HCH     |             |         |
| QPSK                                     | FULL          | 0      | 23.410                       | 23.420 | 23.551  | /           | Pass    |
| 16QAM                                    | FULL          | 0      | 23.342                       | 23.348 | 23.498  | /           | Pass    |
| 64QAM                                    | FULL          | 0      | 23.310                       | 23.360 | 23.477  | /           | Pass    |
| Band: 66C / Bandwidth: 15MHz+15MHz / NTN |               |        |                              |        |         |             |         |
| Modulation                               | RB Allocation |        | 99% Occupied Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|  | Size          | Offset | LCH                          | MCH    | HCH     |             |         |
| QPSK                                     | FULL          | 0      | 28.597                       | 28.513 | 28.546  | /           | Pass    |
| 16QAM                                    | FULL          | 0      | 28.552                       | 28.440 | 28.530  | /           | Pass    |
| 64QAM                                    | FULL          | 0      | 28.502                       | 28.450 | 28.585  | /           | Pass    |
| Band: 66C / Bandwidth: 15MHz+20MHz / NTN |               |        |                              |        |         |             |         |
| Modulation                               | RB Allocation |        | 99% Occupied Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|  | Size          | Offset | LCH                          | MCH    | HCH     |             |         |
| QPSK                                     | FULL          | 0      | 32.84.0                      | 32.732 | 32.74.0 | /           | Pass    |
| 16QAM                                    | FULL          | 0      | 32.696                       | 32.706 | 32.698  | /           | Pass    |
| 64QAM                                    | FULL          | 0      | 32.634                       | 32.655 | 32.778  | /           | Pass    |
| Band: 66C / Bandwidth: 20MHz+5MHz / NTN  |               |        |                              |        |         |             |         |
| Modulation                               | RB Allocation |        | 99% Occupied Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|  | Size          | Offset | LCH                          | MCH    | HCH     |             |         |
| QPSK                                     | FULL          | 0      | 23.241                       | 23.307 | 23.385  | /           | Pass    |
| 16QAM                                    | FULL          | 0      | 23.257                       | 23.277 | 23.335  | /           | Pass    |
| 64QAM                                    | FULL          | 0      | 23.220                       | 23.262 | 23.323  | /           | Pass    |
| Band: 66C / Bandwidth: 20MHz+10MHz / NTN |               |        |                              |        |         |             |         |
| Modulation                               | RB Allocation |        | 99% Occupied Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|  | Size          | Offset | LCH                          | MCH    | HCH     |             |         |

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**BUREAU VERITAS** Test Report No.: W7L-P20210616-3RF03

| Modulation                               | RB Allocation | 99% Occupied Bandwidth (MHz) |        |        |        | Limit (MHz) | Verdict |
|--|---------------|------------------------------|--------|--------|--------|-------------|---------|
|  | Size          | Offset                       | LCH    | MCH    | HCH    |             |         |
| QPSK                                     | FULL          | 0                            | 28.029 | 27.972 | 28.031 | /           | Pass    |
| 16QAM                                    | FULL          | 0                            | 27.957 | 27.989 | 28.066 | /           | Pass    |
| 64QAM                                    | FULL          | 0                            | 27.928 | 27.948 | 28.037 | /           | Pass    |
| Band: 66C / Bandwidth: 20MHz+15MHz / NTN |               |                              |        |        |        |             |         |
| Band: 66C / Bandwidth: 20MHz+20MHz / NTN |               |                              |        |        |        |             |         |
| Modulation                               | RB Allocation | 99% Occupied Bandwidth (MHz) |        |        |        | Limit (MHz) | Verdict |
|  | Size          | Offset                       | LCH    | MCH    | HCH    |             |         |
| QPSK                                     | FULL          | 0                            | 32.853 | 32.782 | 32.838 | /           | Pass    |
| 16QAM                                    | FULL          | 0                            | 32.732 | 32.779 | 32.846 | /           | Pass    |
| 64QAM                                    | FULL          | 0                            | 32.768 | 32.803 | 32.859 | /           | Pass    |
| Band: 66C / Bandwidth: 20MHz+20MHz / NTN |               |                              |        |        |        |             |         |
| Modulation                               | RB Allocation | 99% Occupied Bandwidth (MHz) |        |        |        | Limit (MHz) | Verdict |
|  | Size          | Offset                       | LCH    | MCH    | HCH    |             |         |
| QPSK                                     | FULL          | 0                            | 37.659 | 37.655 | 37.701 | /           | Pass    |
| 16QAM                                    | FULL          | 0                            | 37.607 | 37.572 | 37.505 | /           | Pass    |
| 64QAM                                    | FULL          | 0                            | 37.576 | 37.601 | 37.661 | /           | Pass    |

## 2.18 LTE 66C 5MHz+20M\_26DB

### 2.18.1 Test Result

| Band: 66C / Bandwidth: 5MHz+20MHz / NTN  |               |                      |         |        |        |             |         |
|--|---------------|----------------------|---------|--------|--------|-------------|---------|
| Modulation                               | RB Allocation | 26dB Bandwidth (MHz) |         |        |        | Limit (MHz) | Verdict |
|  | Size          | Offset               | LCH     | MCH    | HCH    |             |         |
| QPSK                                     | FULL          | 0                    | 24.990  | 25.190 | 25.070 | /           | Pass    |
| 16QAM                                    | FULL          | 0                    | 24.920  | 24.990 | 24.980 | /           | Pass    |
| 64QAM                                    | FULL          | 0                    | 24.980  | 25.040 | 24.980 | /           | Pass    |
| Band: 66C / Bandwidth: 10MHz+15MHz / NTN |               |                      |         |        |        |             |         |
| Modulation                               | RB Allocation | 26dB Bandwidth (MHz) |         |        |        | Limit (MHz) | Verdict |
|  | Size          | Offset               | LCH     | MCH    | HCH    |             |         |
| QPSK                                     | FULL          | 0                    | 25.350  | 25.320 | 25.430 | /           | Pass    |
| 16QAM                                    | FULL          | 0                    | 25.330  | 25.310 | 25.340 | /           | Pass    |
| 64QAM                                    | FULL          | 0                    | 25.330  | 25.230 | 25.420 | /           | Pass    |
| Band: 66C / Bandwidth: 10MHz+20MHz / NTN |               |                      |         |        |        |             |         |
| Modulation                               | RB Allocation | 26dB Bandwidth (MHz) |         |        |        | Limit (MHz) | Verdict |
|  | Size          | Offset               | LCH     | MCH    | HCH    |             |         |
| QPSK                                     | FULL          | 0                    | 30.4.00 | 29.900 | 29.940 | /           | Pass    |
| 16QAM                                    | FULL          | 0                    | 30.010  | 29.930 | 29.980 | /           | Pass    |
| 64QAM                                    | FULL          | 0                    | 29.870  | 29.960 | 29.930 | /           | Pass    |
| Band: 66C / Bandwidth: 15MHz+10MHz / NTN |               |                      |         |        |        |             |         |
| Modulation                               | RB Allocation | 26dB Bandwidth (MHz) |         |        |        | Limit (MHz) | Verdict |
|  | Size          | Offset               | LCH     | MCH    | HCH    |             |         |
| QPSK                                     | FULL          | 0                    | 25.410  | 25.390 | 25.520 | /           | Pass    |
| 16QAM                                    | FULL          | 0                    | 25.330  | 25.270 | 25.480 | /           | Pass    |
| 64QAM                                    | FULL          | 0                    | 25.430  | 25.410 | 25.500 | /           | Pass    |
| Band: 66C / Bandwidth: 15MHz+15MHz / NTN |               |                      |         |        |        |             |         |
| Modulation                               | RB Allocation | 26dB Bandwidth (MHz) |         |        |        | Limit (MHz) | Verdict |
|  | Size          | Offset               | LCH     | MCH    | HCH    |             |         |
| QPSK                                     | FULL          | 0                    | 30.840  | 30.700 | 30.710 | /           | Pass    |
| 16QAM                                    | FULL          | 0                    | 30.690  | 30.680 | 30.680 | /           | Pass    |
| 64QAM                                    | FULL          | 0                    | 30.630  | 30.670 | 30.690 | /           | Pass    |

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**BUREAU VERITAS Test Report No.: W7L-P20210616-3RF03**

| Band: 66C / Bandwidth: 15MHz+20MHz / NTNV |               |        |                      |        |         |             |         |
|---|---------------|--------|----------------------|--------|---------|-------------|---------|
| Modulation                                | RB Allocation |        | 26dB Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|   | Size          | Offset | LCH                  | MCH    | HCH     |             |         |
| QPSK                                      | FULL          | 0      | 35.030               | 34.970 | 34.940  | /           | Pass    |
| 16QAM                                     | FULL          | 0      | 34.960               | 35.000 | 34.890  | /           | Pass    |
| 64QAM                                     | FULL          | 0      | 34.950               | 34.980 | 34.940  | /           | Pass    |
| Band: 66C / Bandwidth: 20MHz+5MHz / NTNV  |               |        |                      |        |         |             |         |
| Modulation                                | RB Allocation |        | 26dB Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|   | Size          | Offset | LCH                  | MCH    | HCH     |             |         |
| QPSK                                      | FULL          | 0      | 25.290               | 25.360 | 25.490  | /           | Pass    |
| 16QAM                                     | FULL          | 0      | 25.410               | 25.360 | 25.320  | /           | Pass    |
| 64QAM                                     | FULL          | 0      | 25.150               | 25.250 | 25.330  | /           | Pass    |
| Band: 66C / Bandwidth: 20MHz+10MHz / NTNV |               |        |                      |        |         |             |         |
| Modulation                                | RB Allocation |        | 26dB Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|   | Size          | Offset | LCH                  | MCH    | HCH     |             |         |
| QPSK                                      | FULL          | 0      | 30.190               | 30.200 | 30.160  | /           | Pass    |
| 16QAM                                     | FULL          | 0      | 30.4.00              | 30.100 | 30.240  | /           | Pass    |
| 64QAM                                     | FULL          | 0      | 30.140               | 30.330 | 30.230  | /           | Pass    |
| Band: 66C / Bandwidth: 20MHz+15MH / NTNV  |               |        |                      |        |         |             |         |
| Modulation                                | RB Allocation |        | 26dB Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|   | Size          | Offset | LCH                  | MCH    | HCH     |             |         |
| QPSK                                      | FULL          | 0      | 35.260               | 35.060 | 35.110  | /           | Pass    |
| 16QAM                                     | FULL          | 0      | 35.080               | 34.910 | 35.080  | /           | Pass    |
| 64QAM                                     | FULL          | 0      | 35.4.00              | 35.000 | 35.170  | /           | Pass    |
| Band: 66C / Bandwidth: 20MHz+20MHz / NTNV |               |        |                      |        |         |             |         |
| Modulation                                | RB Allocation |        | 26dB Bandwidth (MHz) |        |         | Limit (MHz) | Verdict |
|   | Size          | Offset | LCH                  | MCH    | HCH     |             |         |
| QPSK                                      | FULL          | 0      | 40.140               | 40.130 | 40.050  | /           | Pass    |
| 16QAM                                     | FULL          | 0      | 39.950               | 40.030 | 39.920  | /           | Pass    |
| 64QAM                                     | FULL          | 0      | 40.210               | 39.890 | 40.150A | /           | Pass    |

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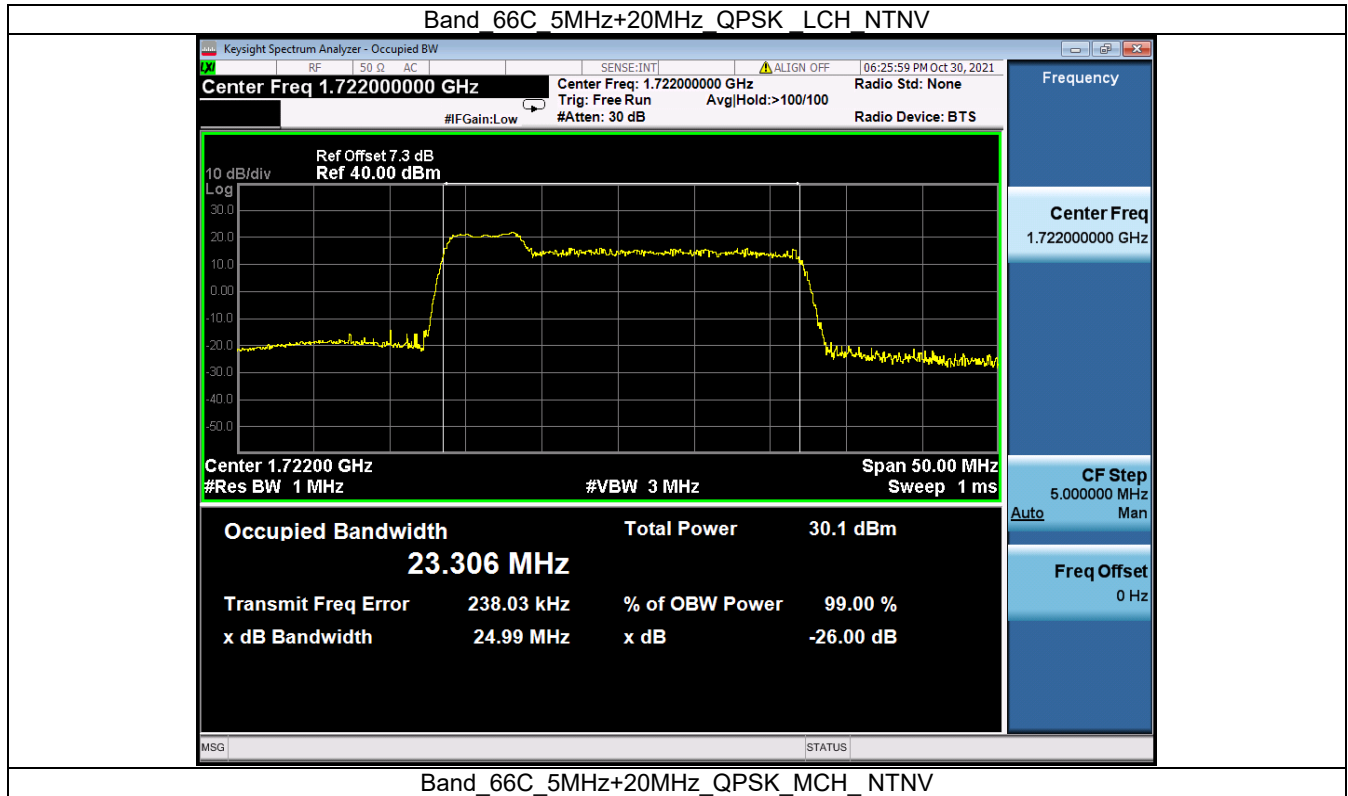
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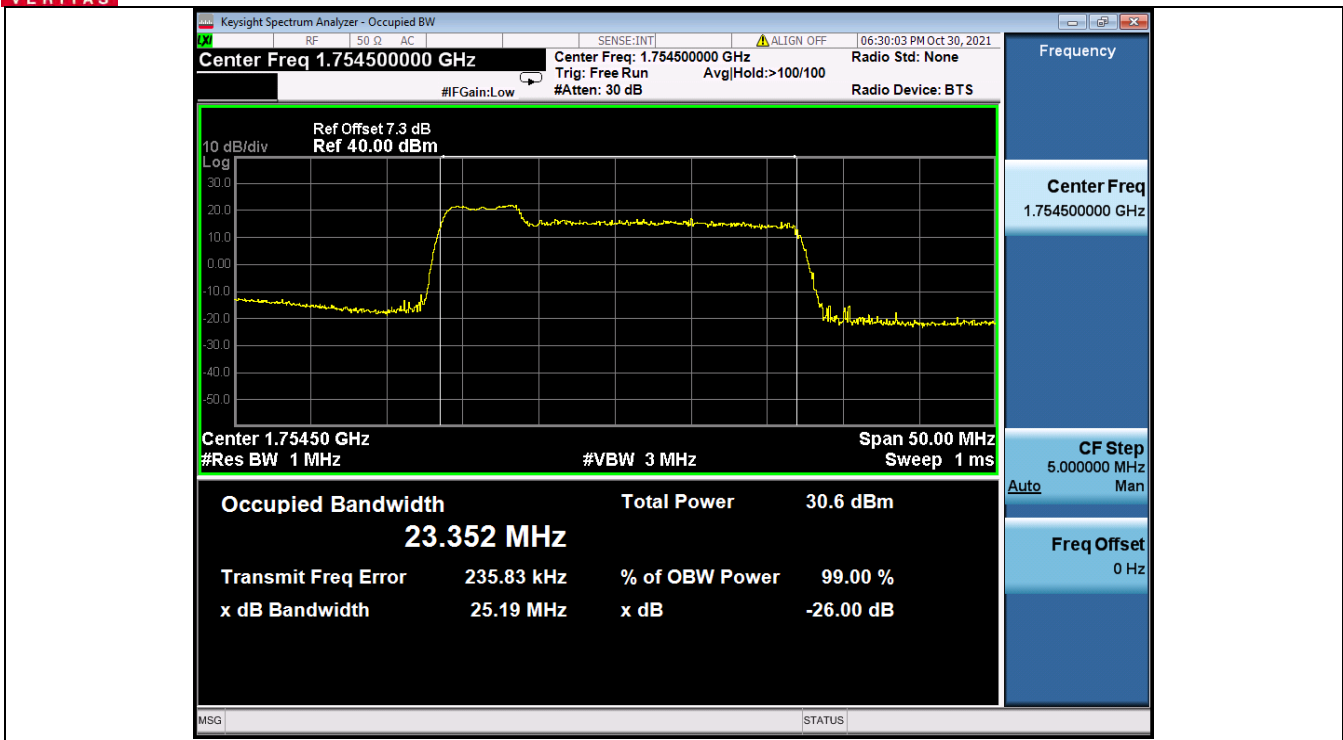


### 2.18.2 Test Graph





**BUREAU VERITAS** Test Report No.: W7L-P20210616-3RF03



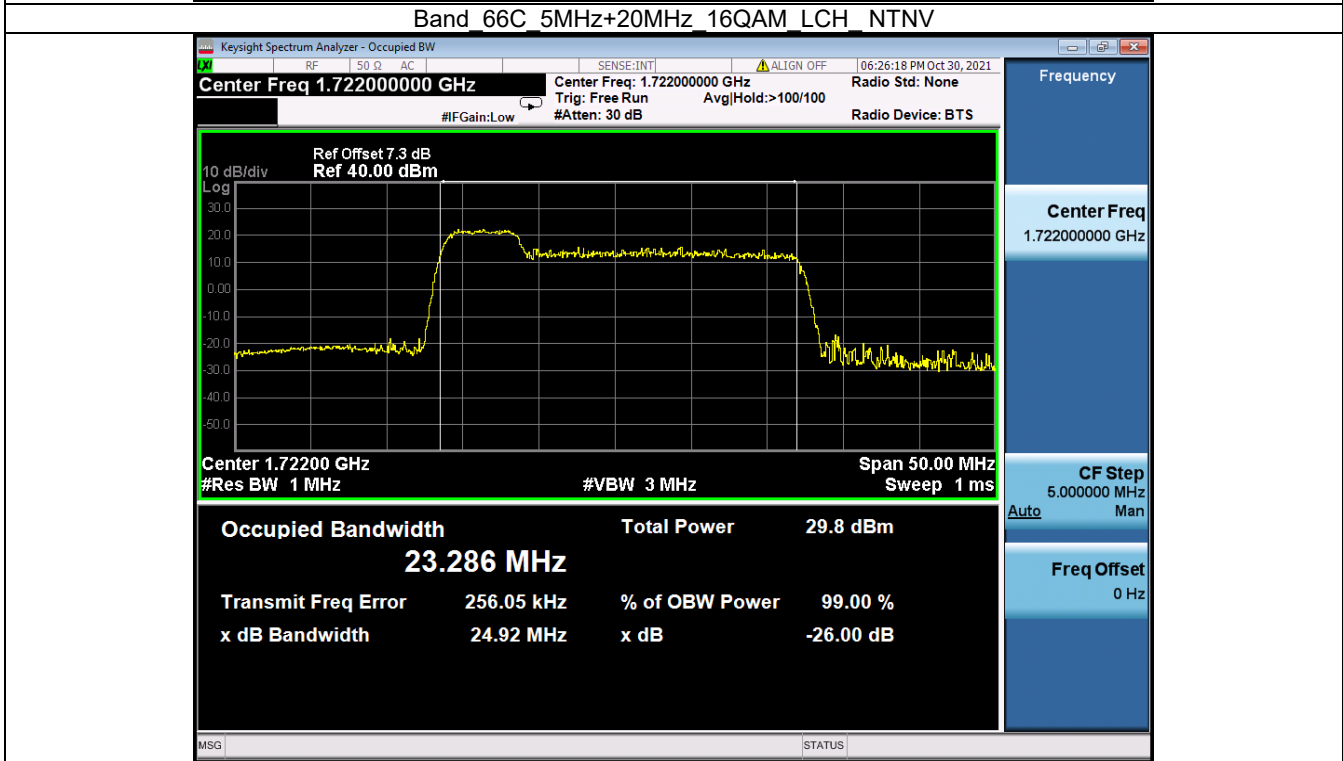
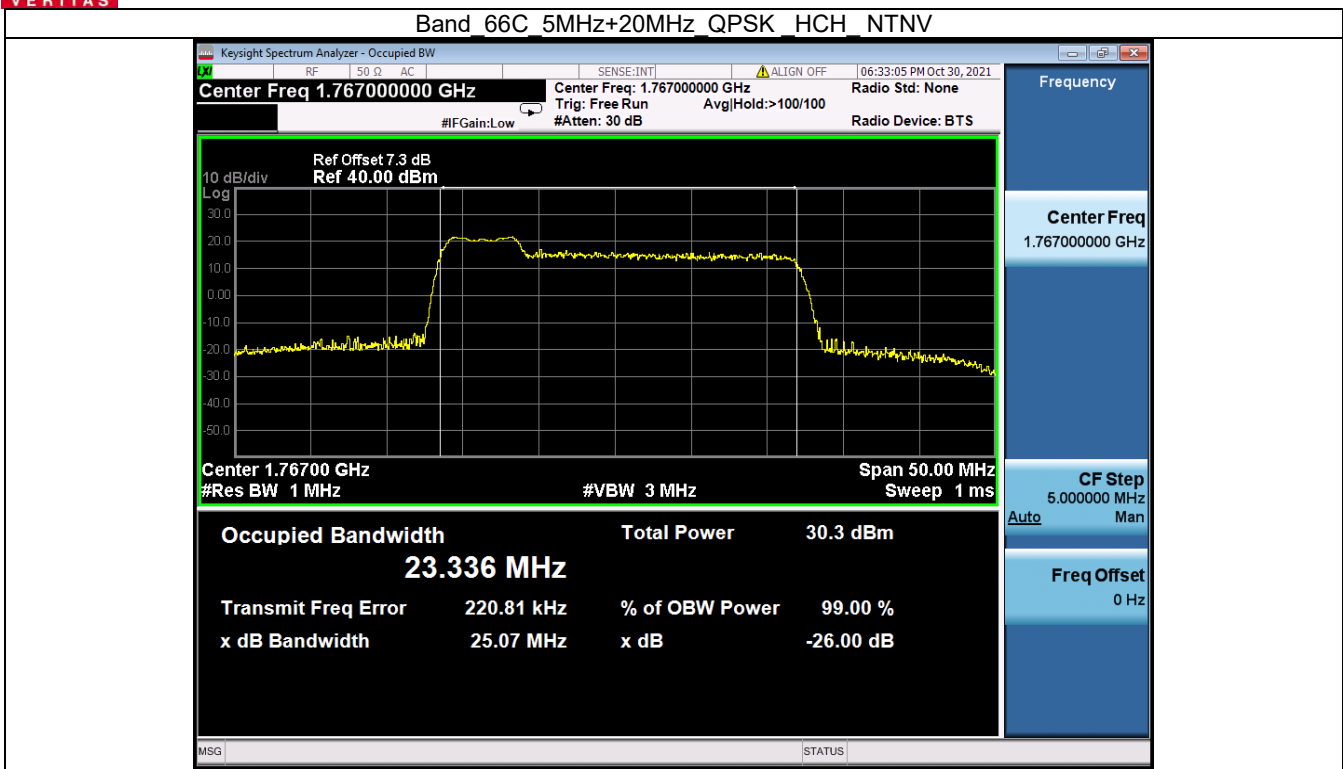
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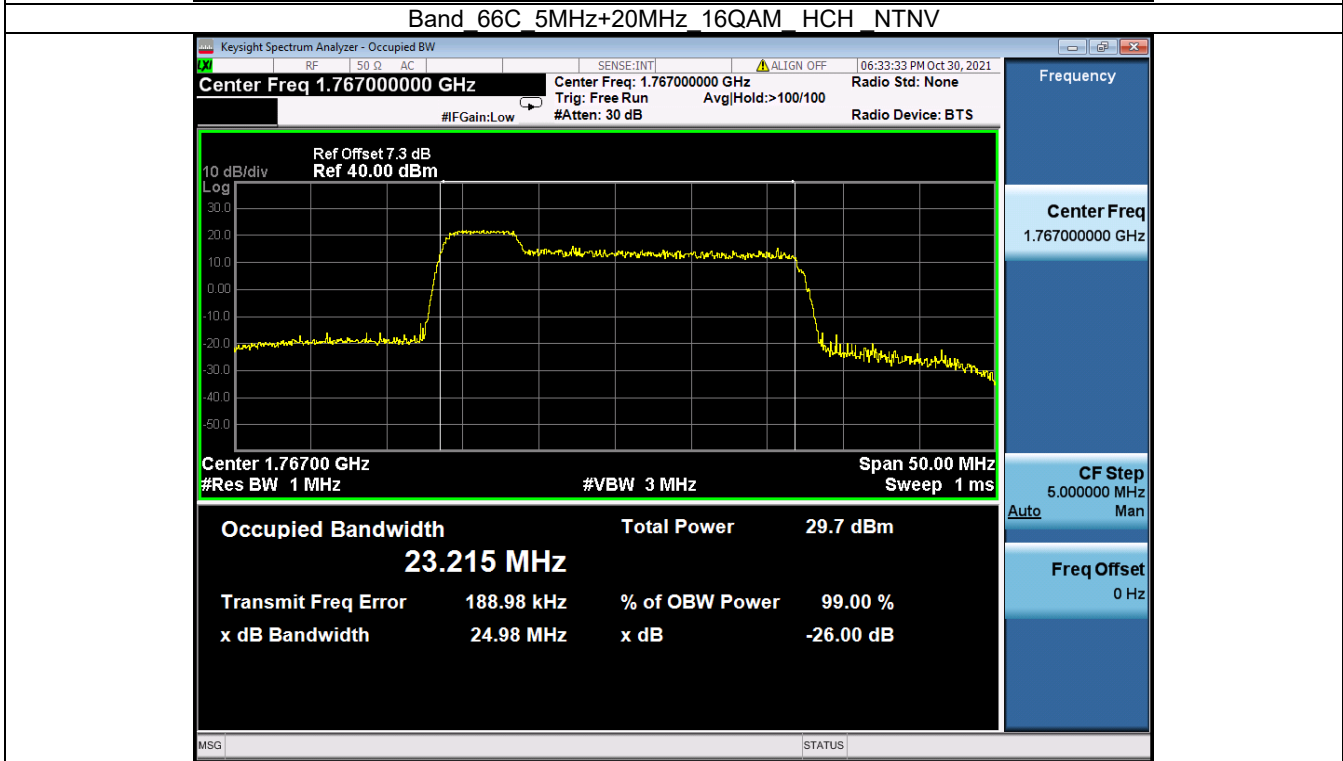
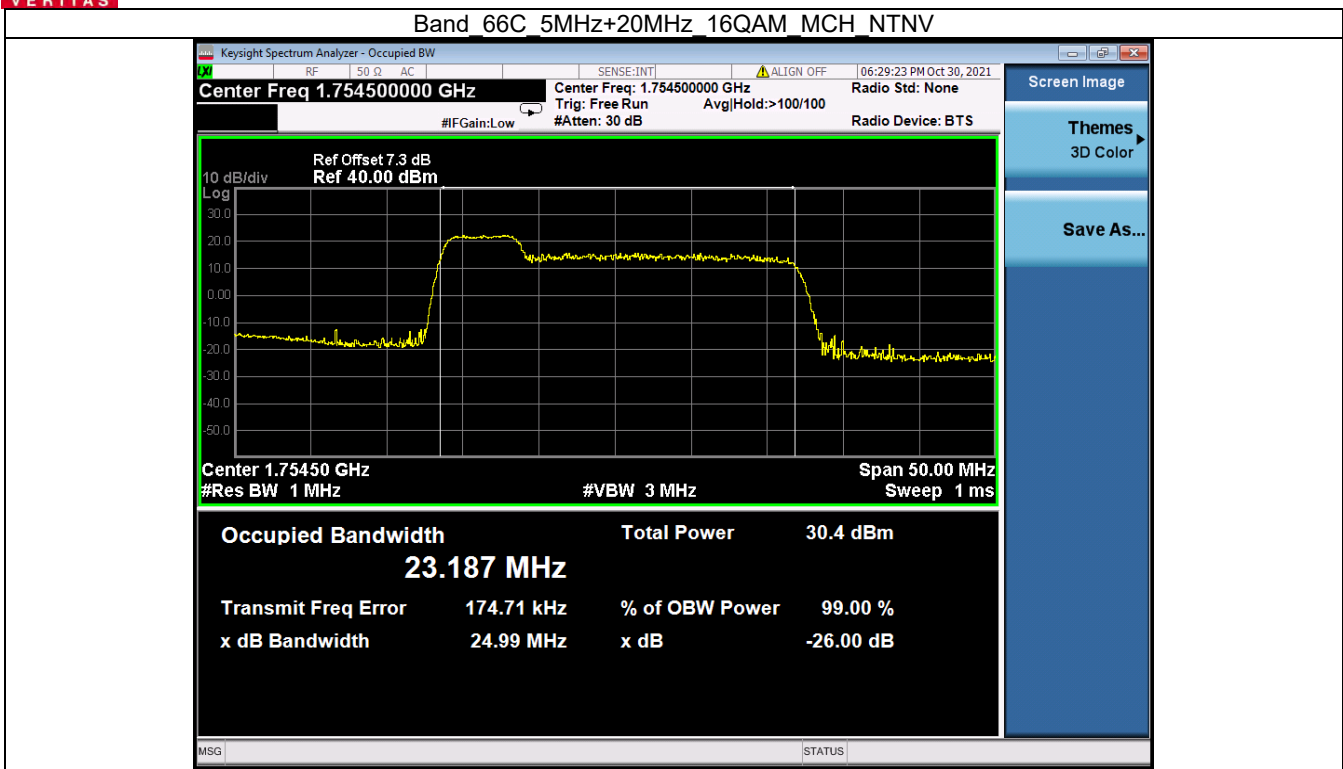
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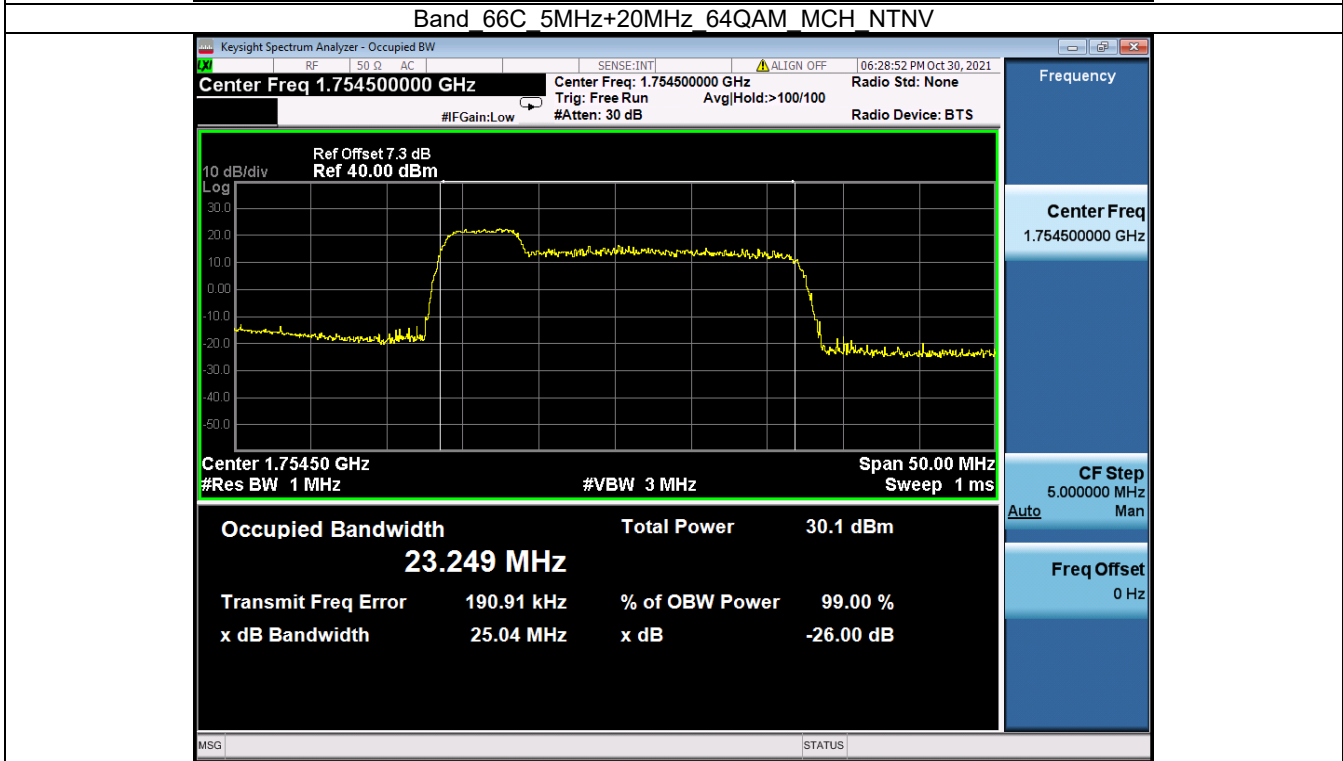
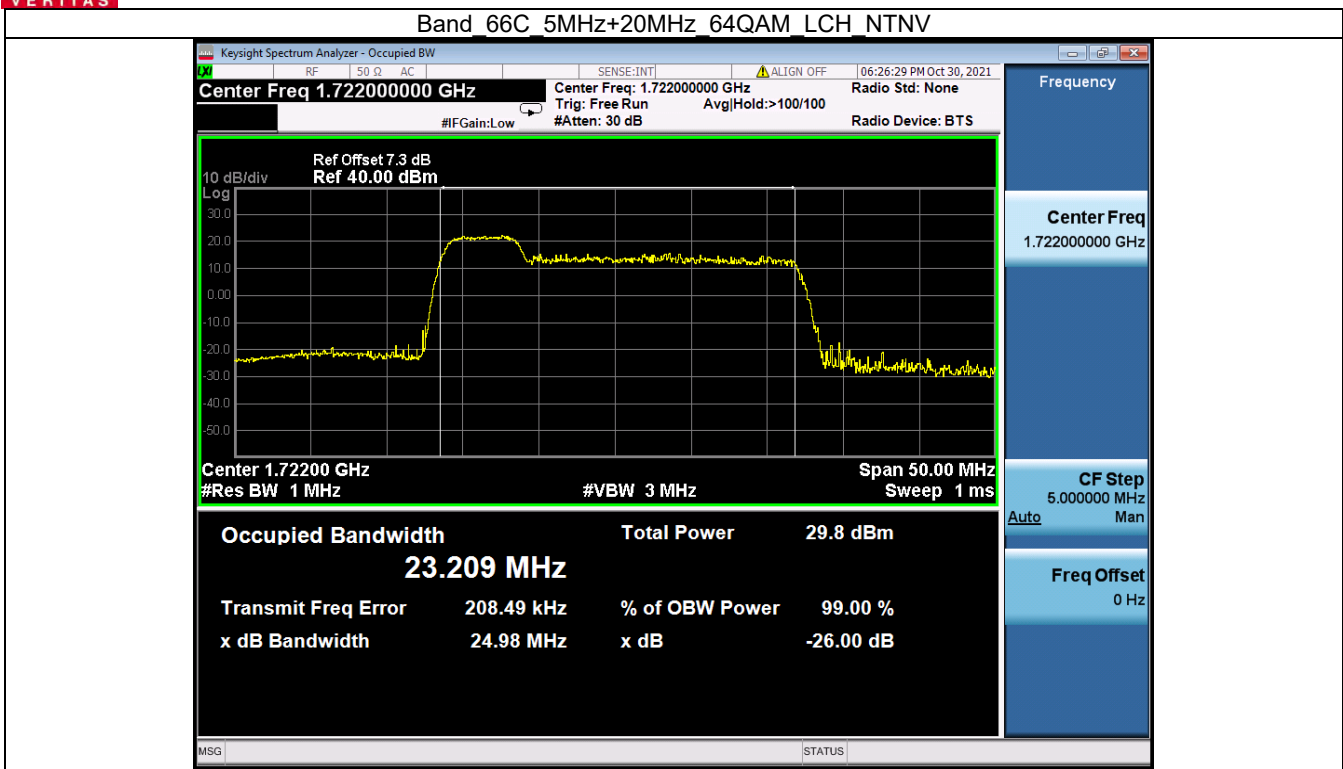
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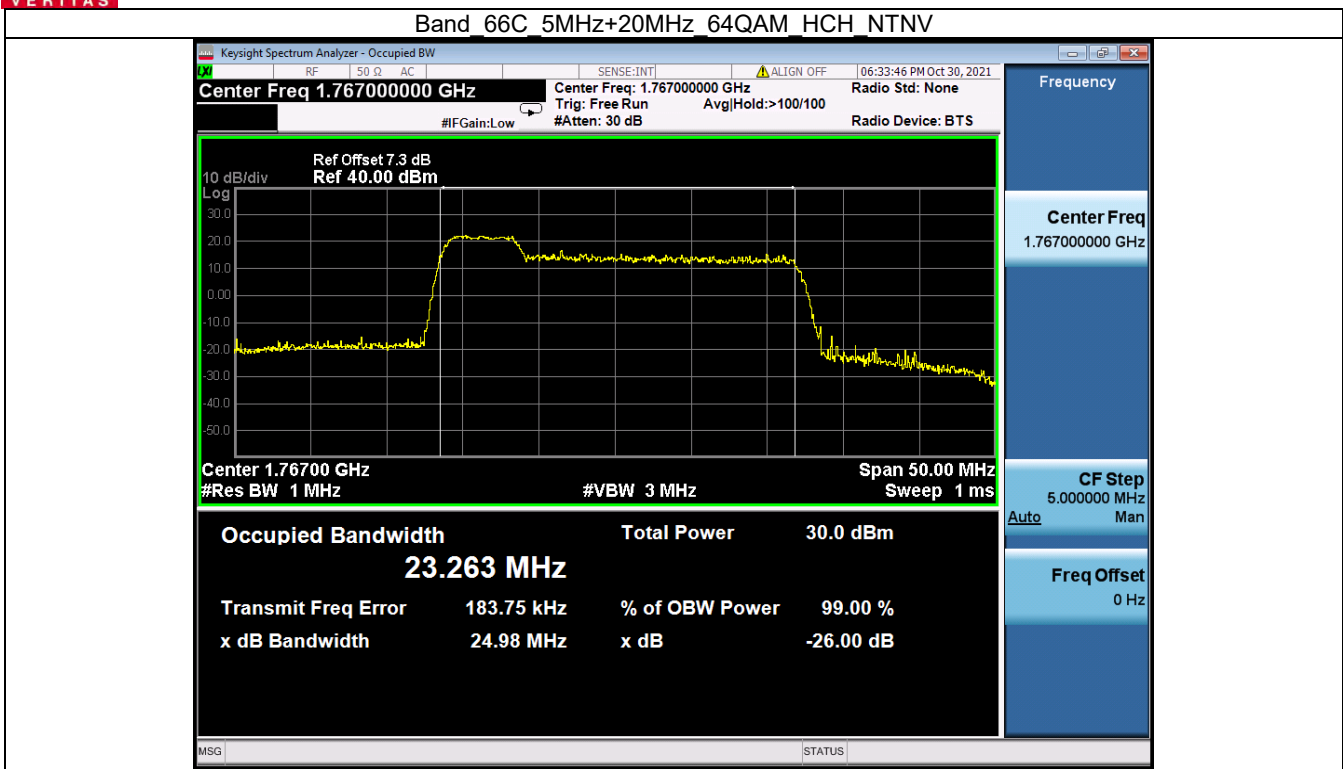
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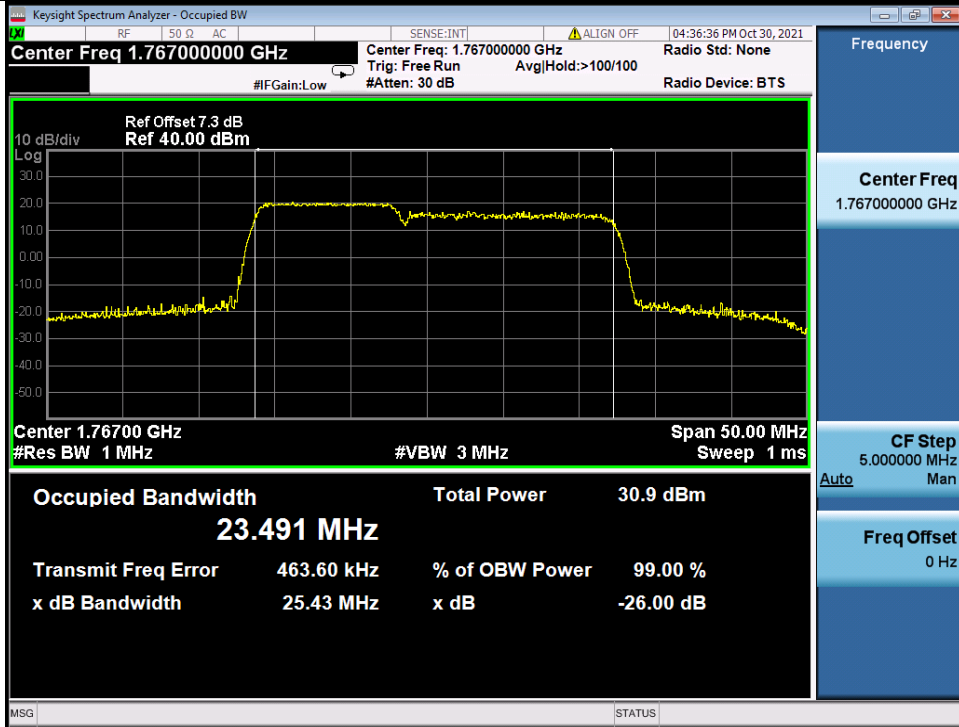
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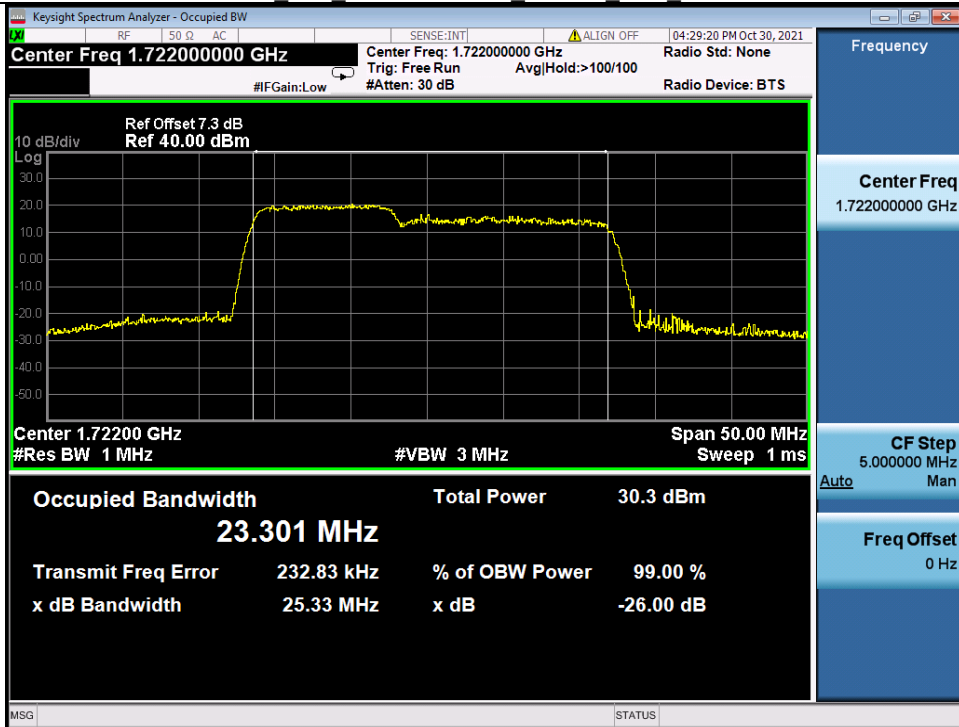




Band 66C 10MHz+15MHz QPSK HCH NTN



Band 66C 10MHz+15MHz 16QAM LCH NTN



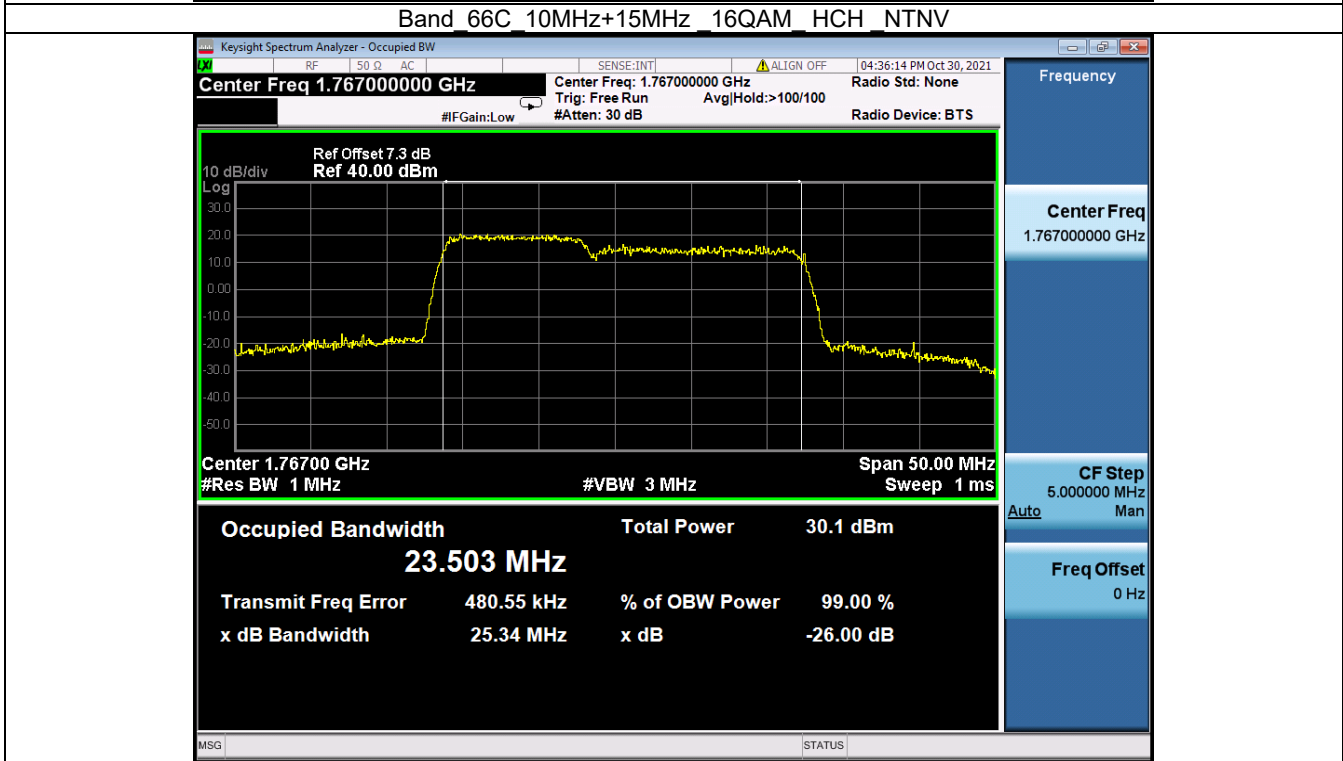
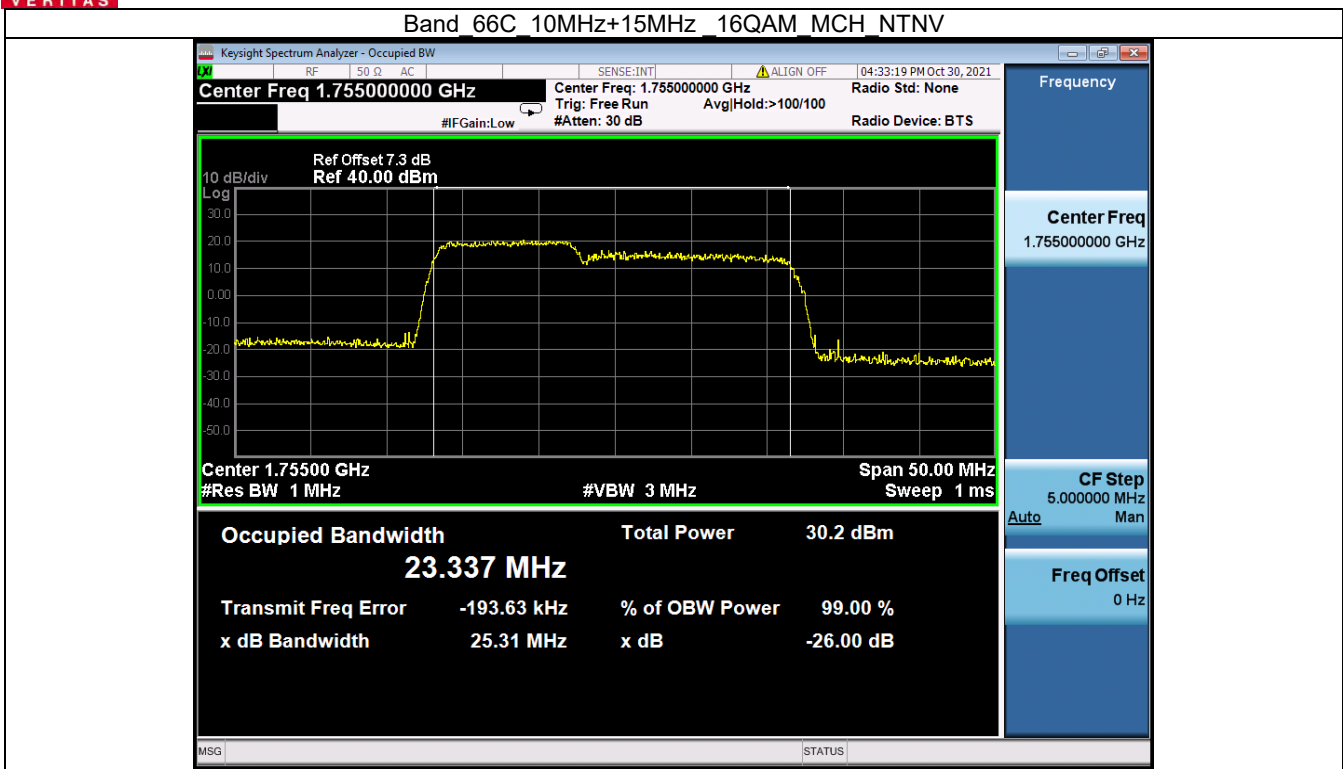
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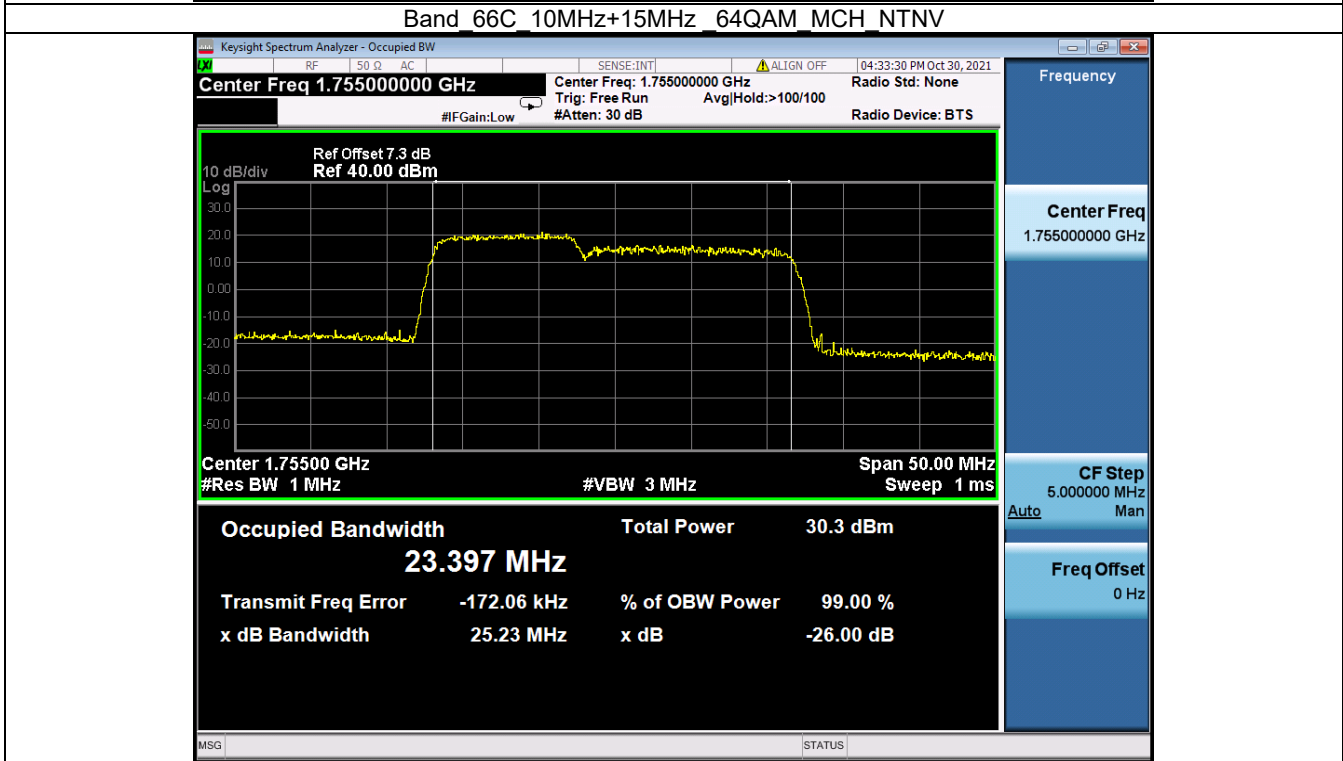
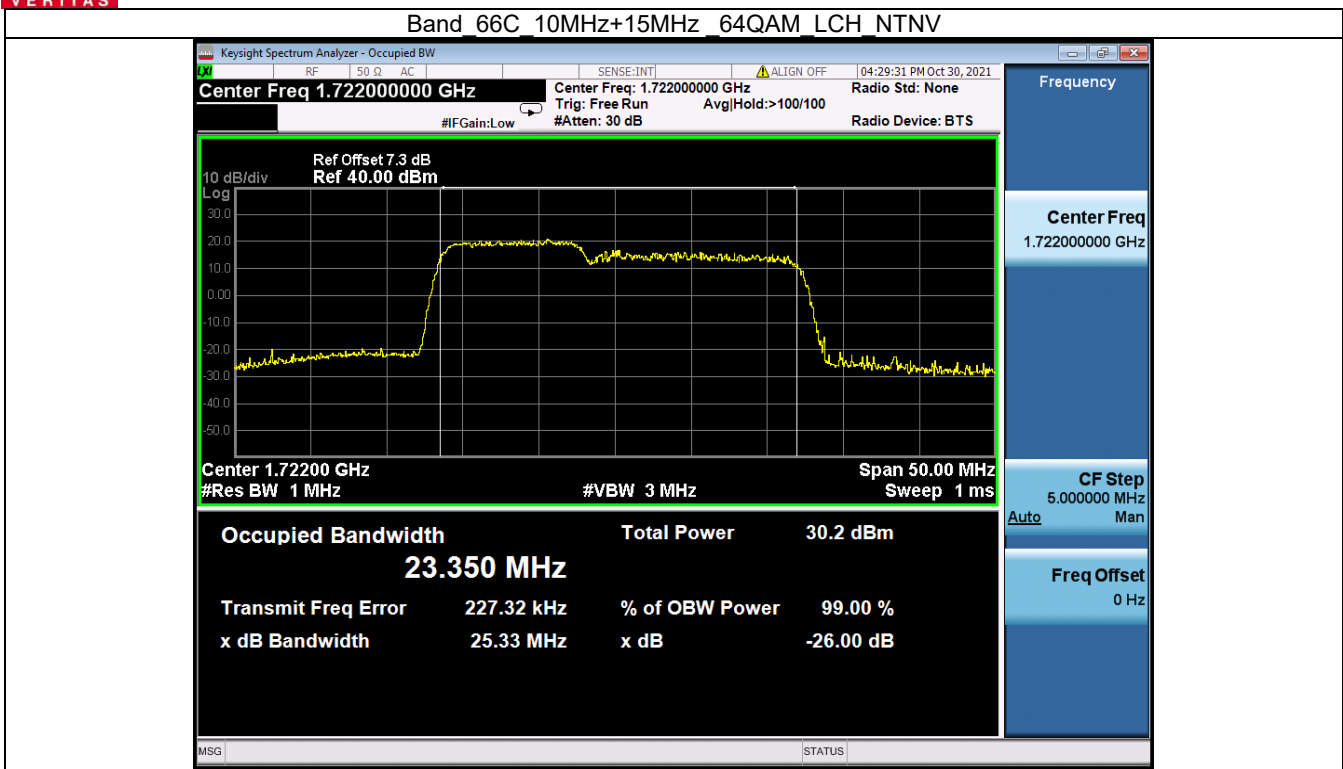
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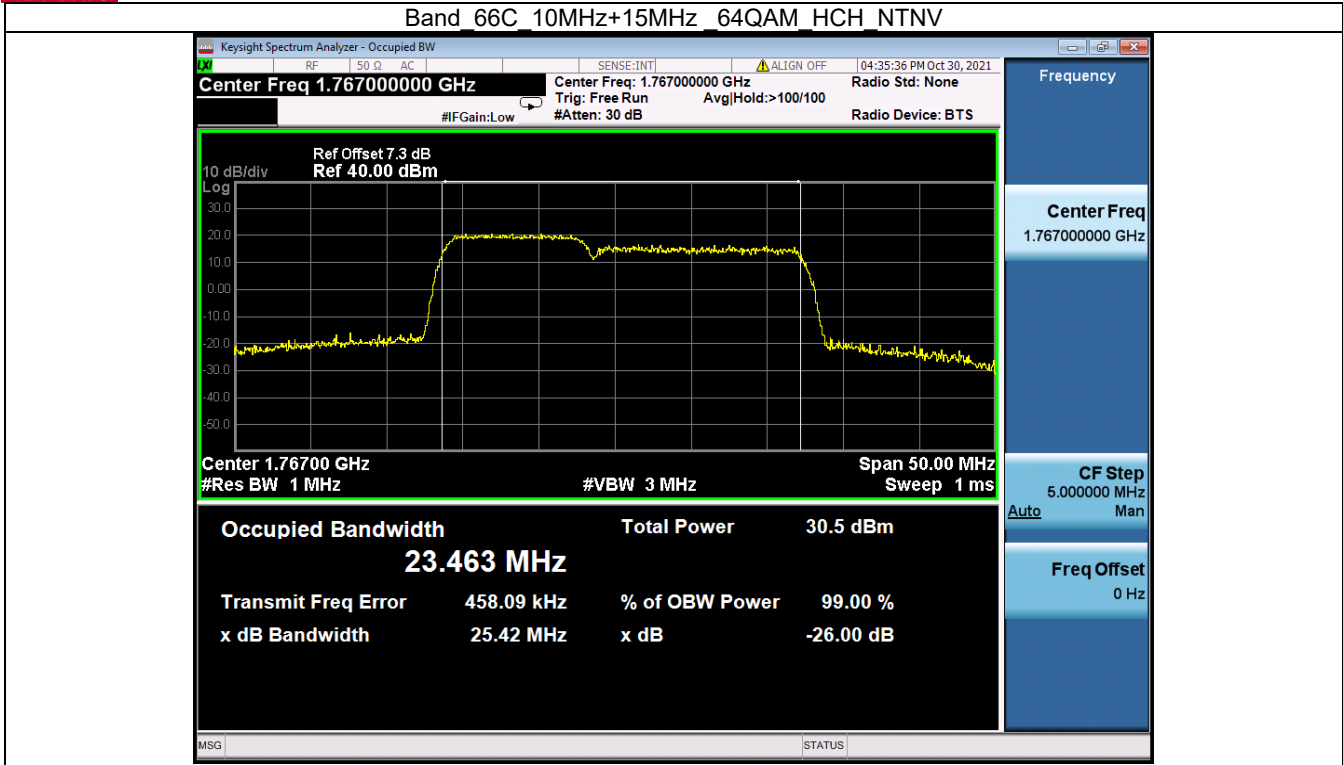
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Band 66C 10MHz+15MHz 64QAM HCH NTN



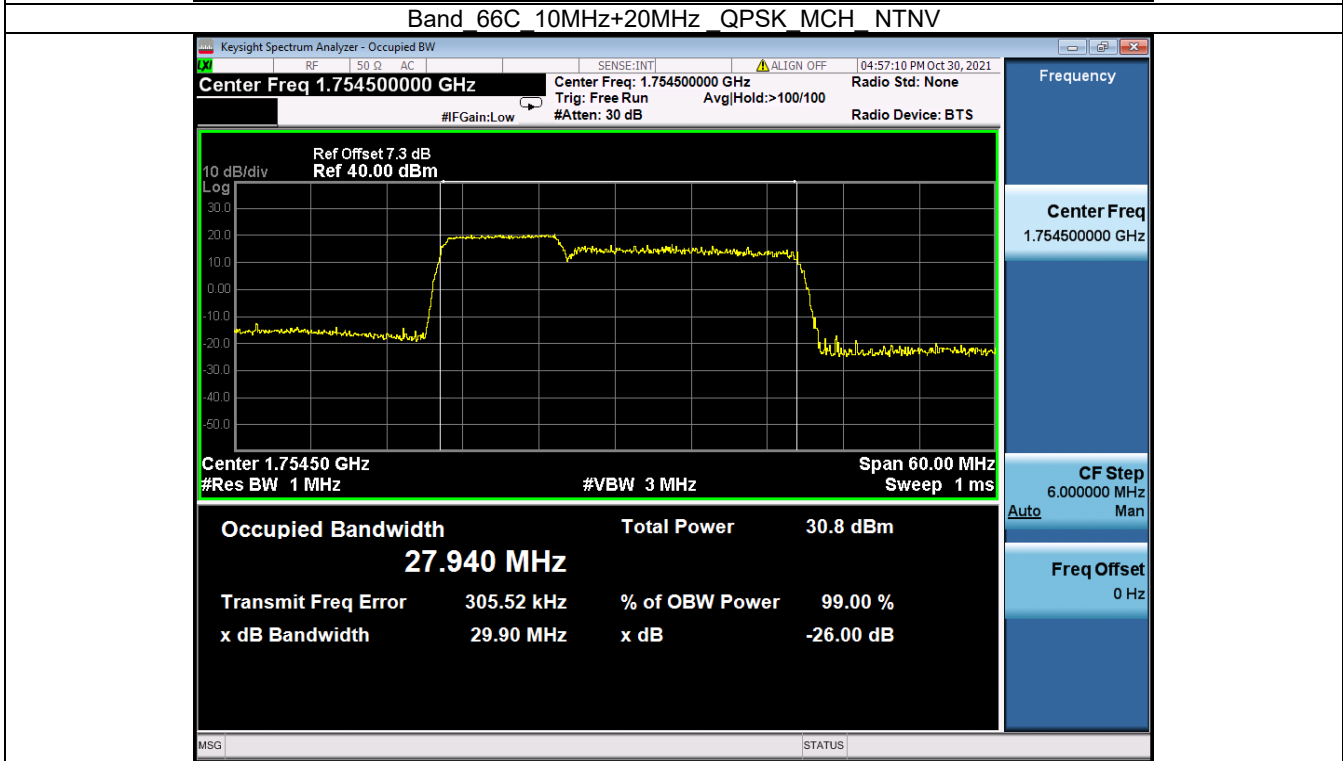
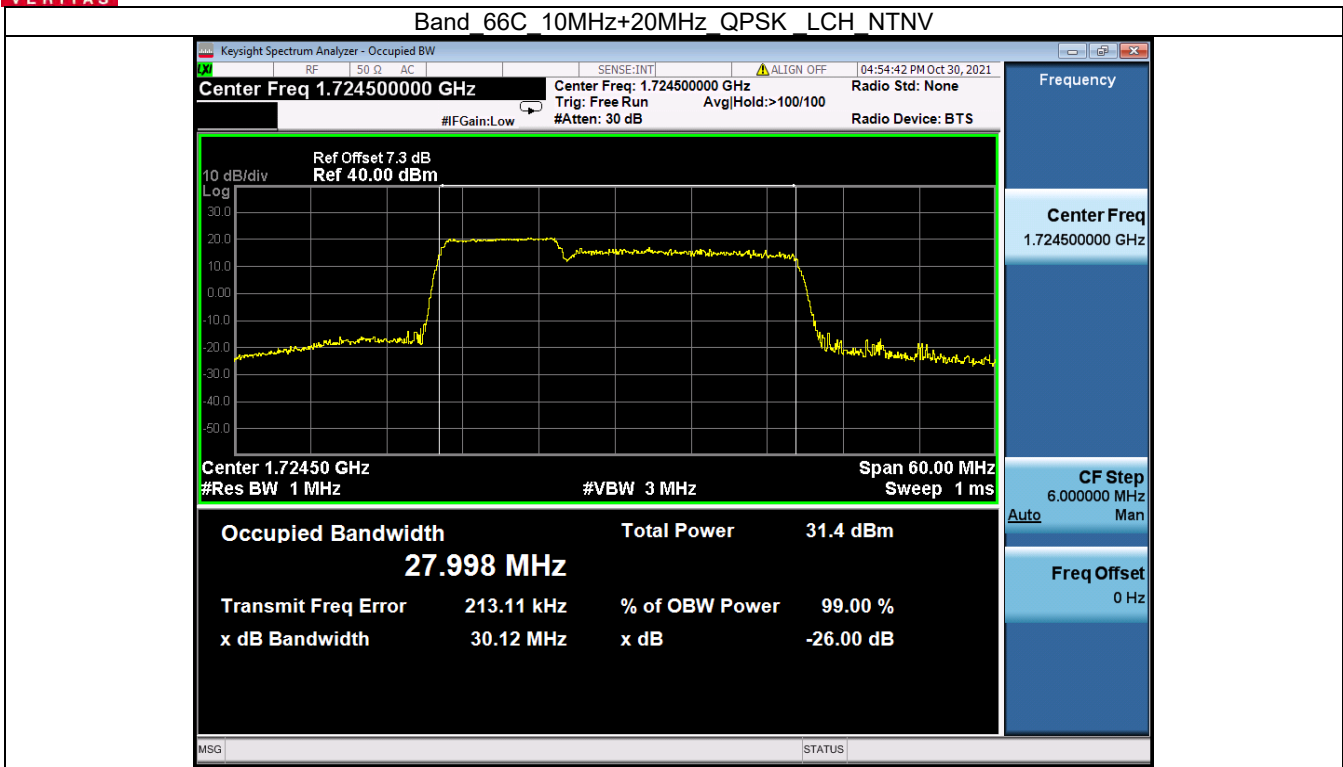
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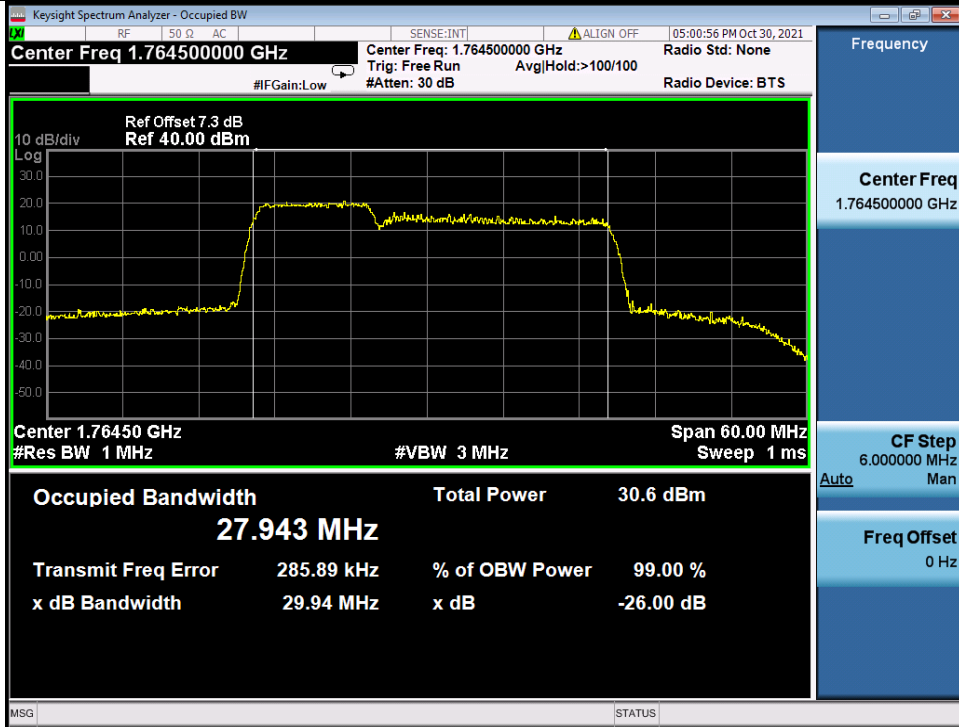
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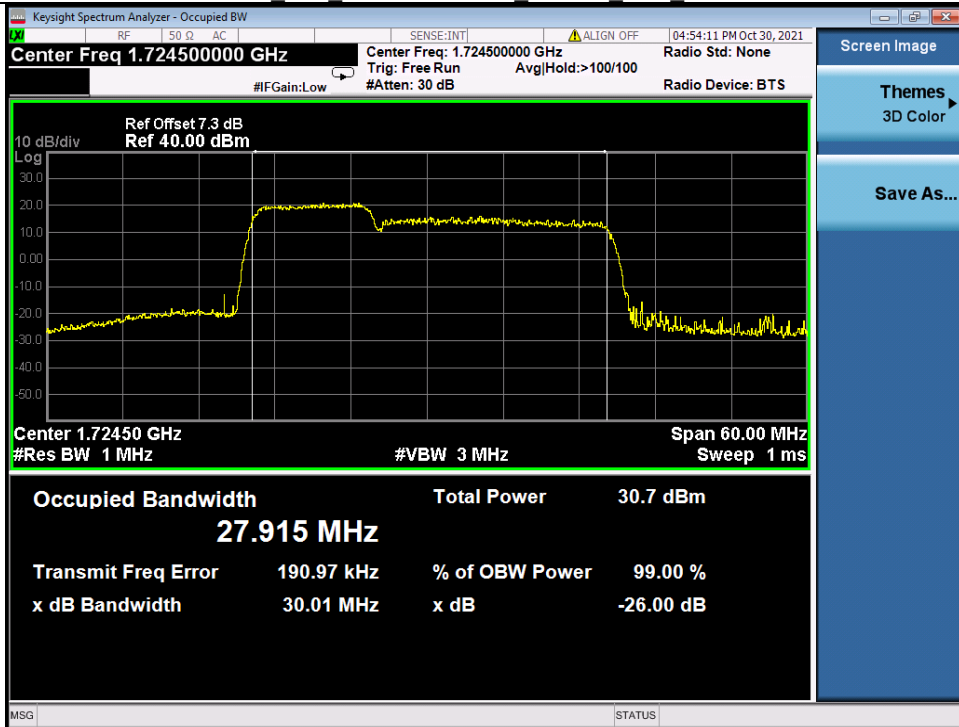
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Band 66C 10MHz+20MHz 16QAM LCH NTN



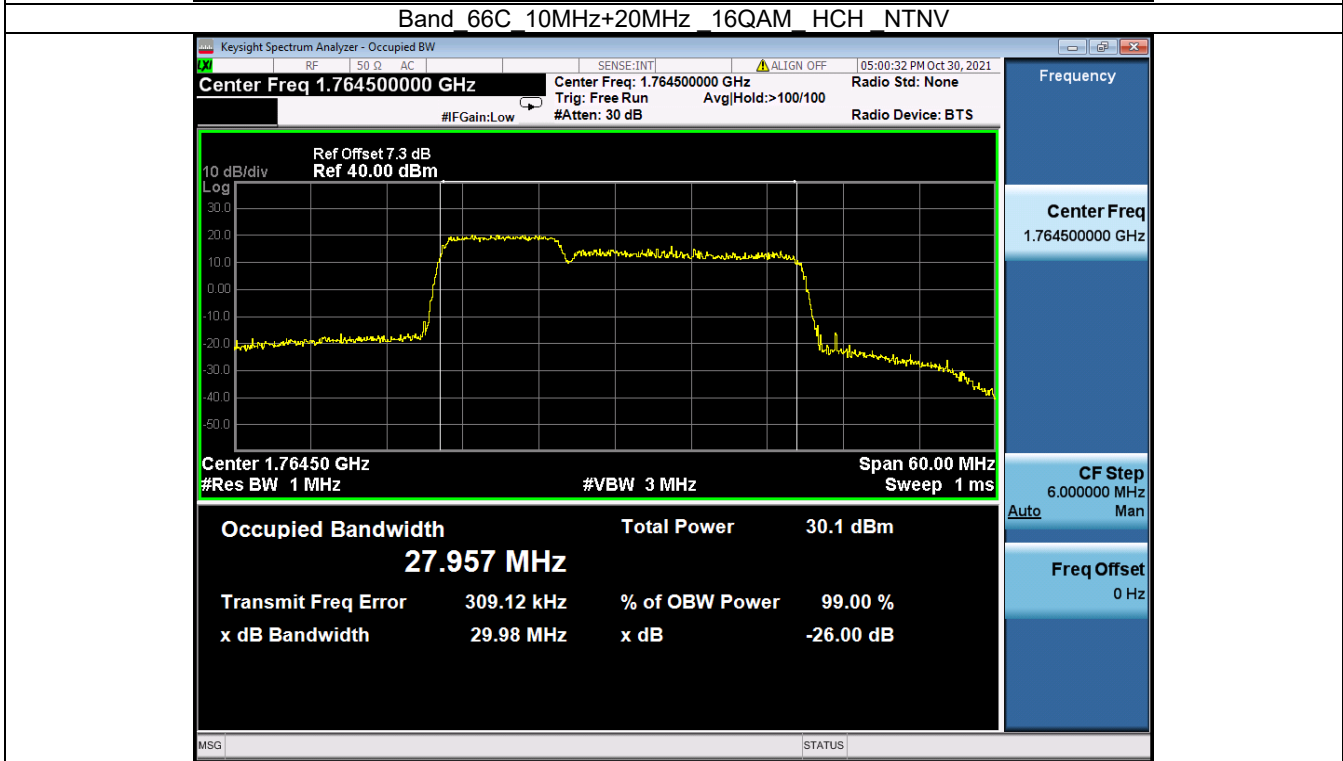
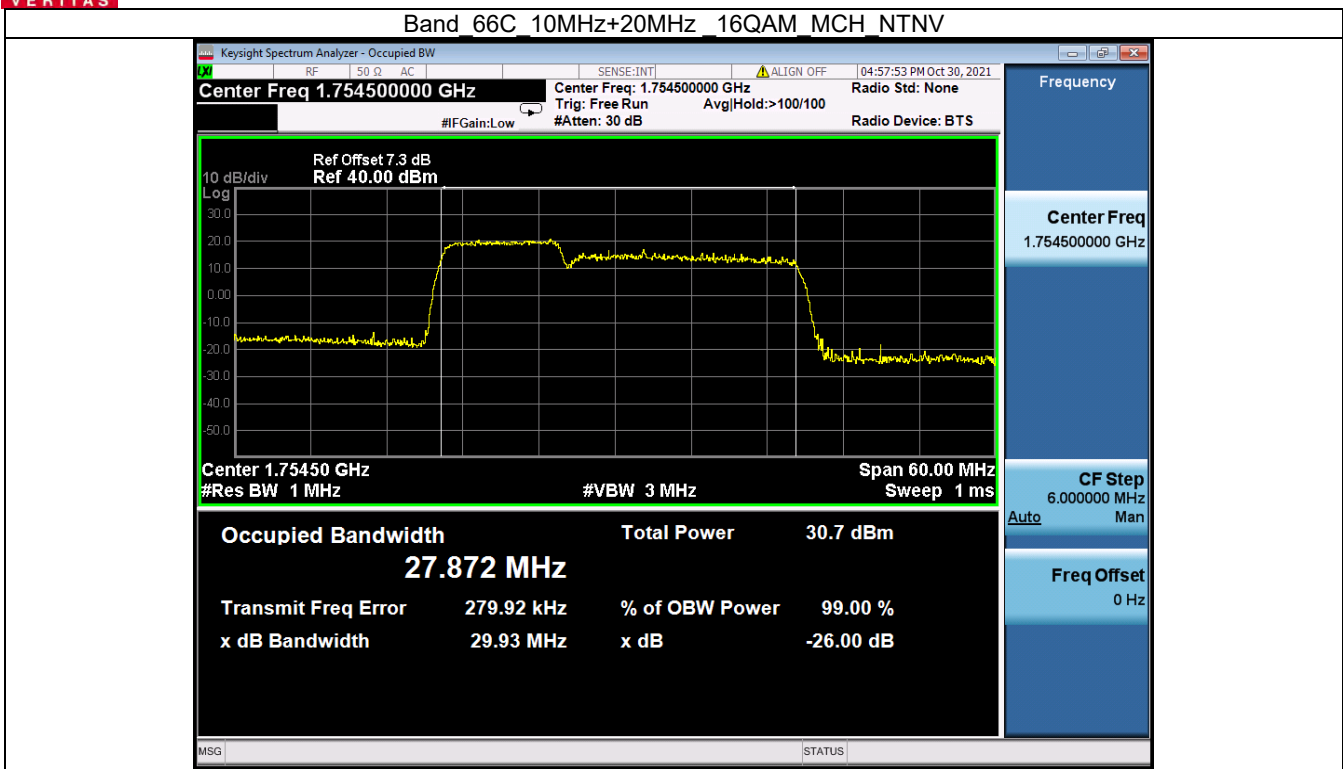
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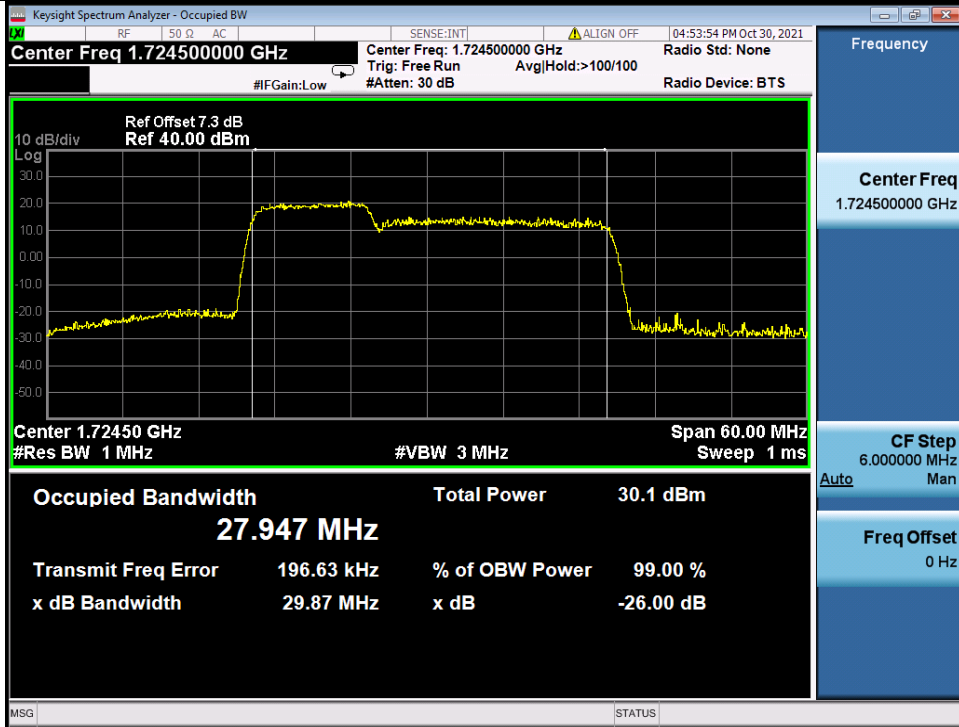
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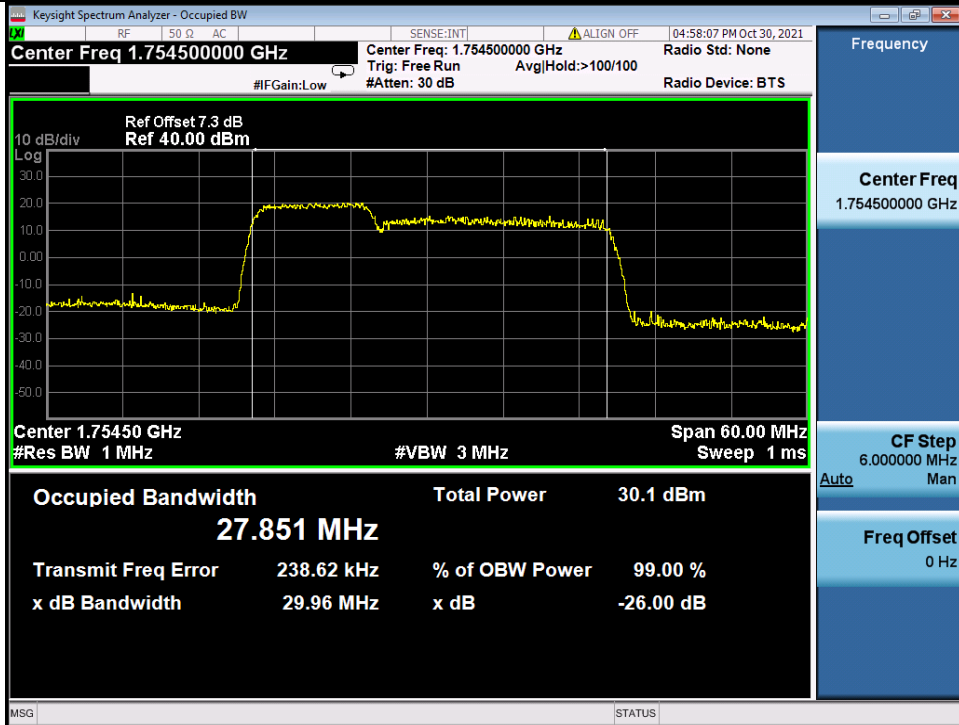




Band 66C 10MHz+20MHz 64QAM LCH NTN



Band 66C 10MHz+20MHz 64QAM MCH NTN



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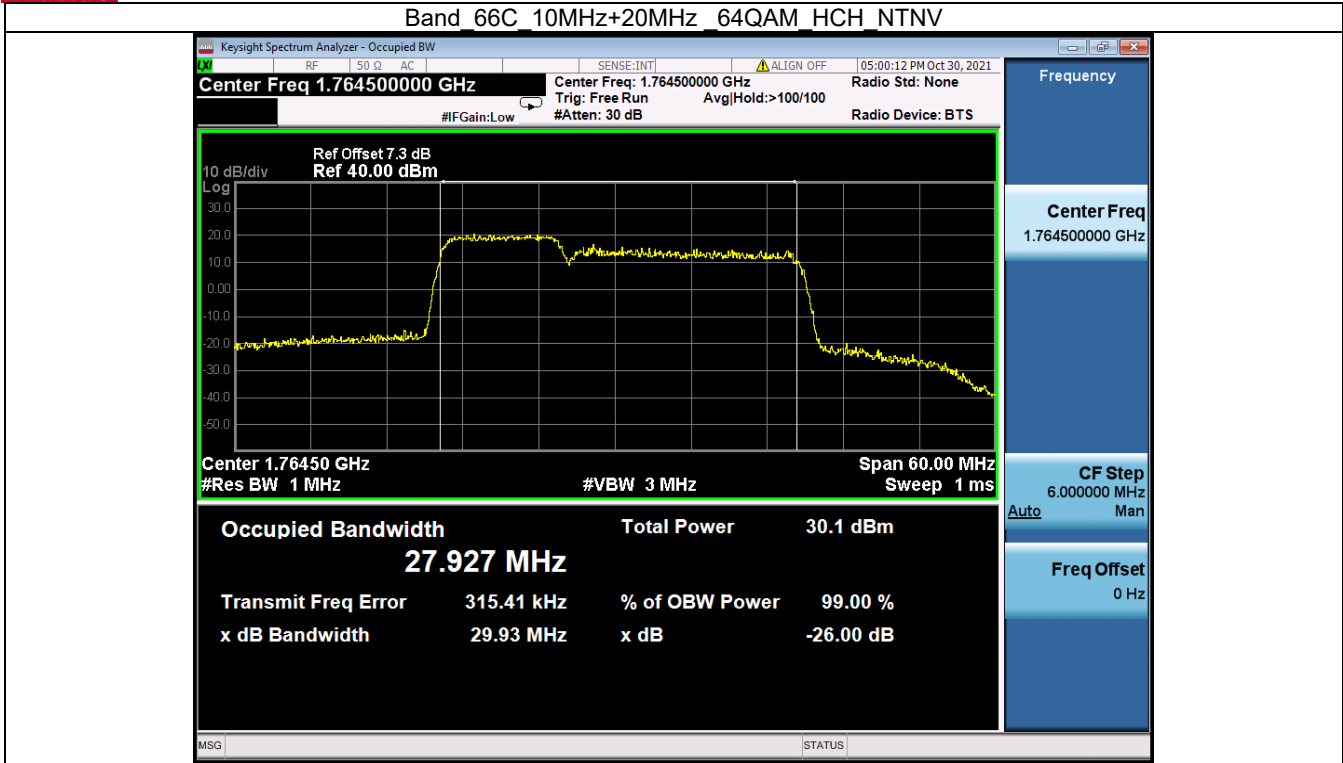
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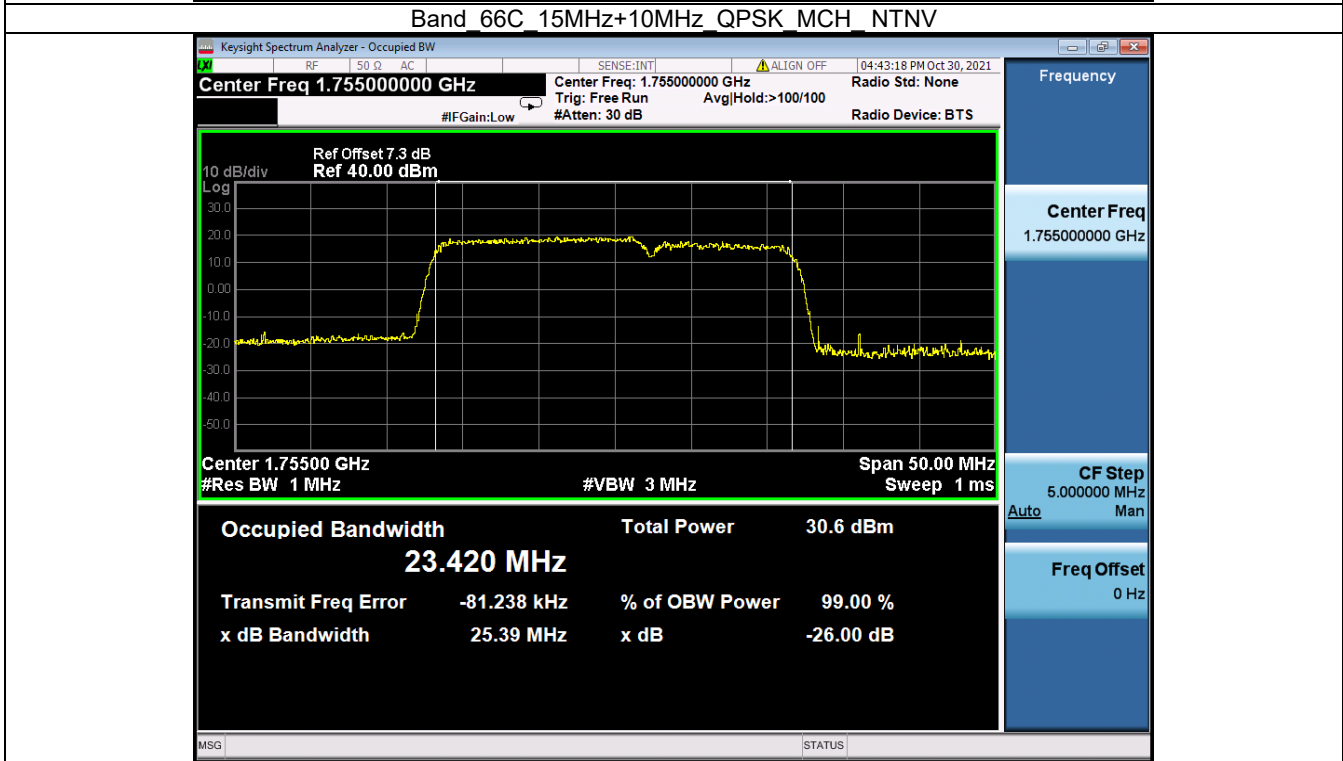
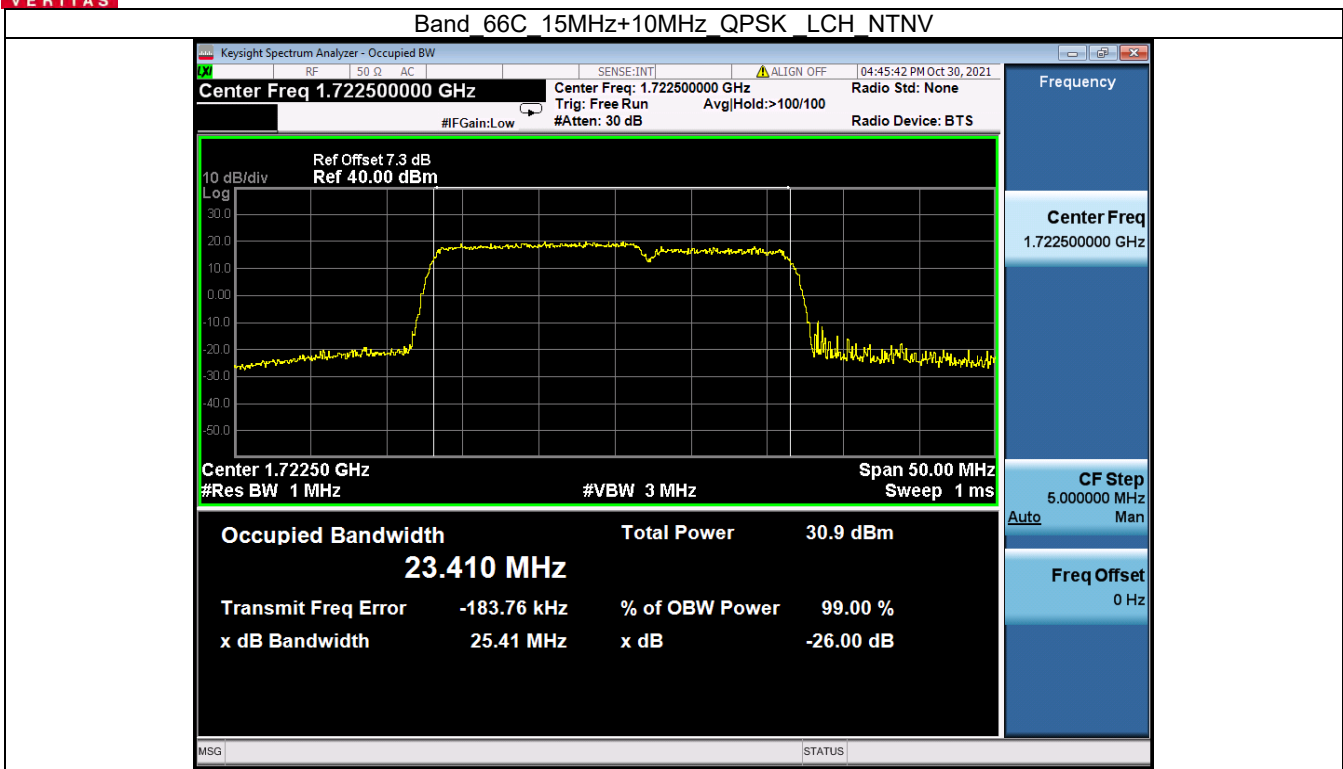
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