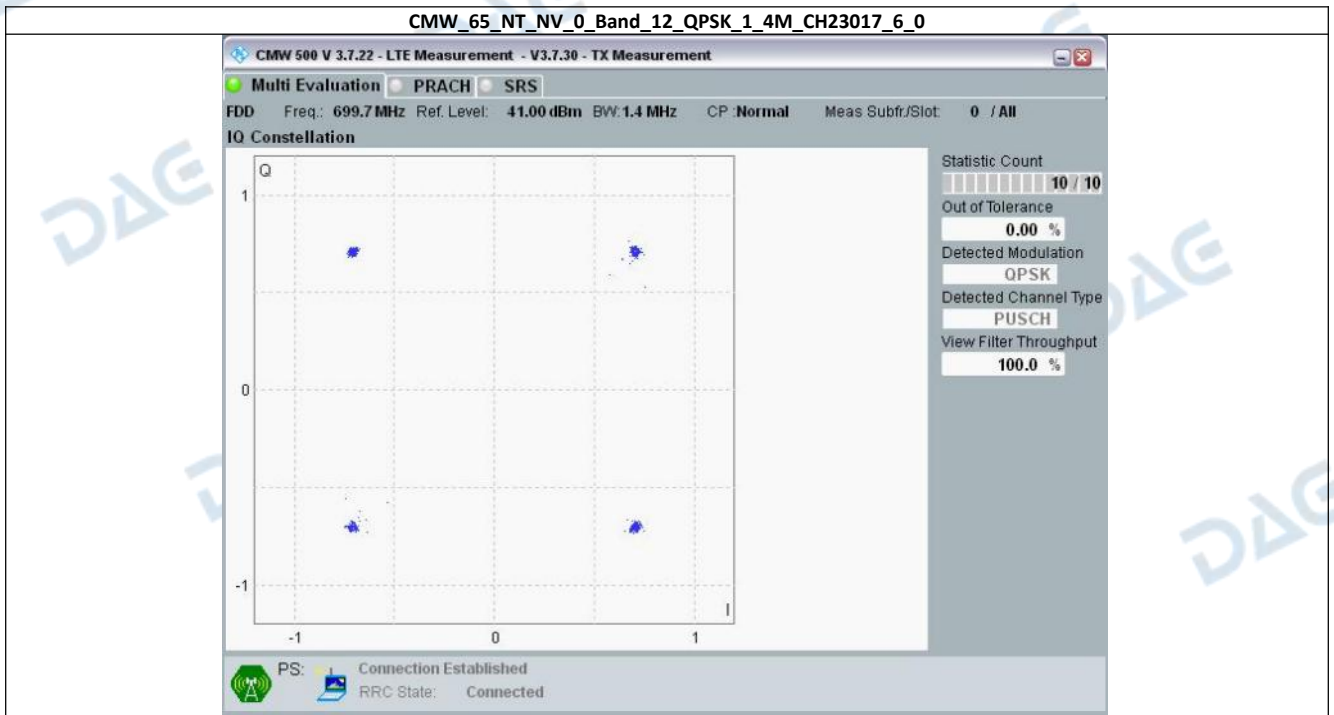


# FCC-LTE-BAND12

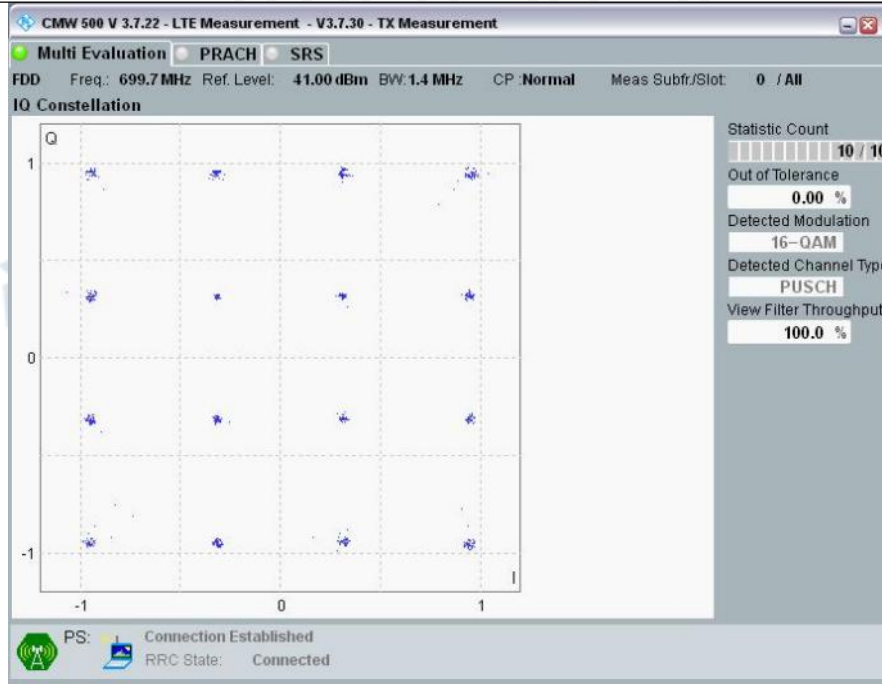
## FCC LTE FDD Test Data

### 1. Modulation Characteristics

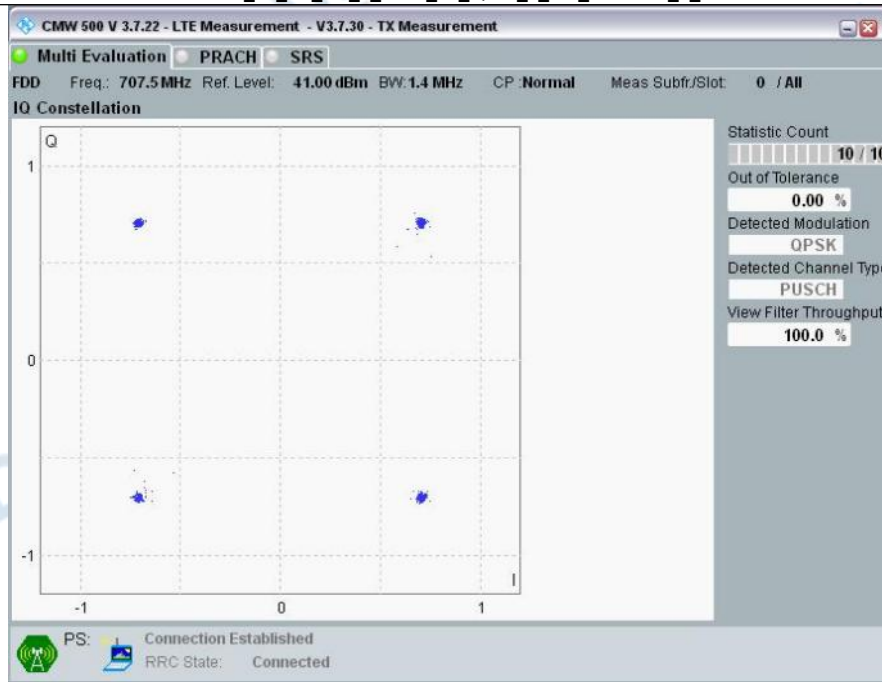
| Condition | Band    | Modulation | BW(MHz) | Frequency(MHz) | RB_Size | RB_start | Result             |
|-----------|---------|------------|---------|----------------|---------|----------|--------------------|
| NV_NT     | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 0        | See the photograph |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 0        | See the photograph |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 0        | See the photograph |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 0        | See the photograph |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | 0        | See the photograph |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 715.3          | 6       | 0        | See the photograph |
| NV_NT     | Band 12 | QPSK       | 3M      | 700.5          | 15      | 0        | See the photograph |
| NV_NT     | Band 12 | 16QAM      | 3M      | 700.5          | 15      | 0        | See the photograph |
| NV_NT     | Band 12 | QPSK       | 3M      | 707.5          | 15      | 0        | See the photograph |
| NV_NT     | Band 12 | 16QAM      | 3M      | 707.5          | 15      | 0        | See the photograph |
| NV_NT     | Band 12 | QPSK       | 3M      | 714.5          | 15      | 0        | See the photograph |
| NV_NT     | Band 12 | 16QAM      | 3M      | 714.5          | 15      | 0        | See the photograph |
| NV_NT     | Band 12 | QPSK       | 5M      | 701.5          | 25      | 0        | See the photograph |
| NV_NT     | Band 12 | 16QAM      | 5M      | 701.5          | 25      | 0        | See the photograph |
| NV_NT     | Band 12 | QPSK       | 5M      | 707.5          | 25      | 0        | See the photograph |
| NV_NT     | Band 12 | 16QAM      | 5M      | 707.5          | 25      | 0        | See the photograph |
| NV_NT     | Band 12 | QPSK       | 5M      | 713.4          | 25      | 0        | See the photograph |
| NV_NT     | Band 12 | 16QAM      | 5M      | 713.4          | 25      | 0        | See the photograph |



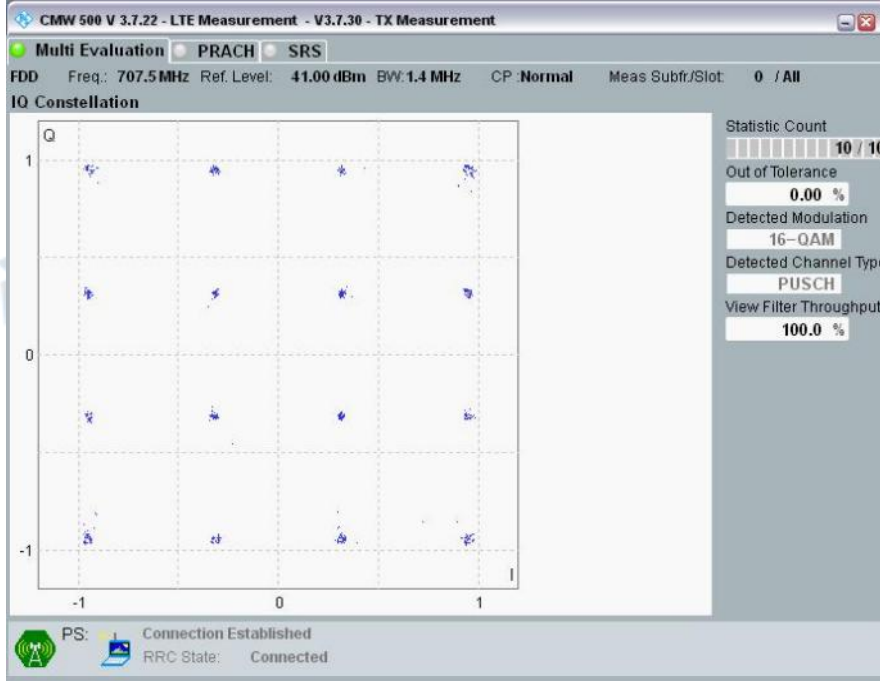
# CMW\_65\_NT\_NV\_0\_Band\_12\_16QAM\_1\_4M\_CH23017\_6\_0



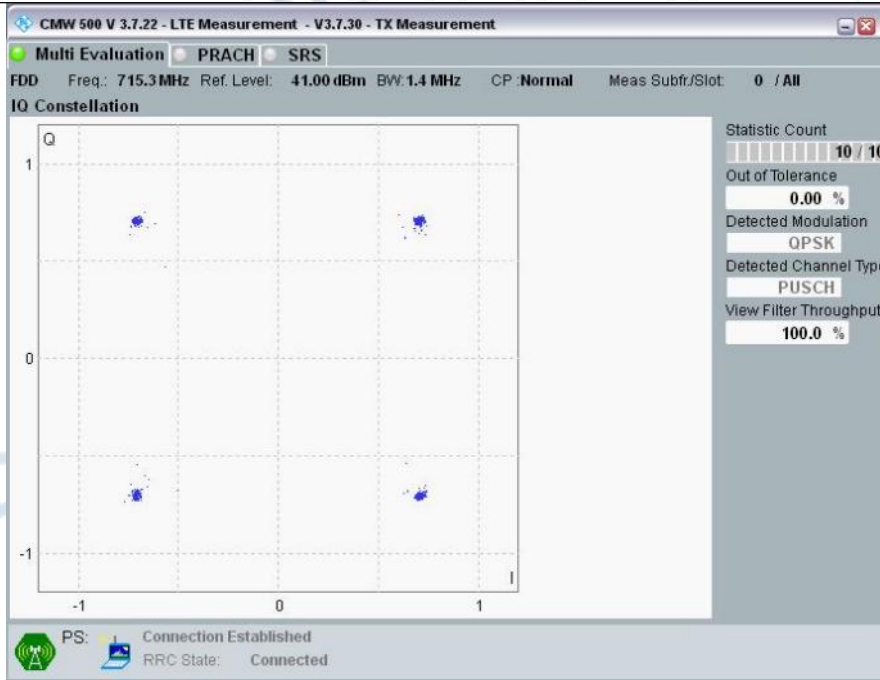
# CMW\_65\_NT\_NV\_0\_Band\_12\_QPSK\_1\_4M\_CH23095\_6\_0



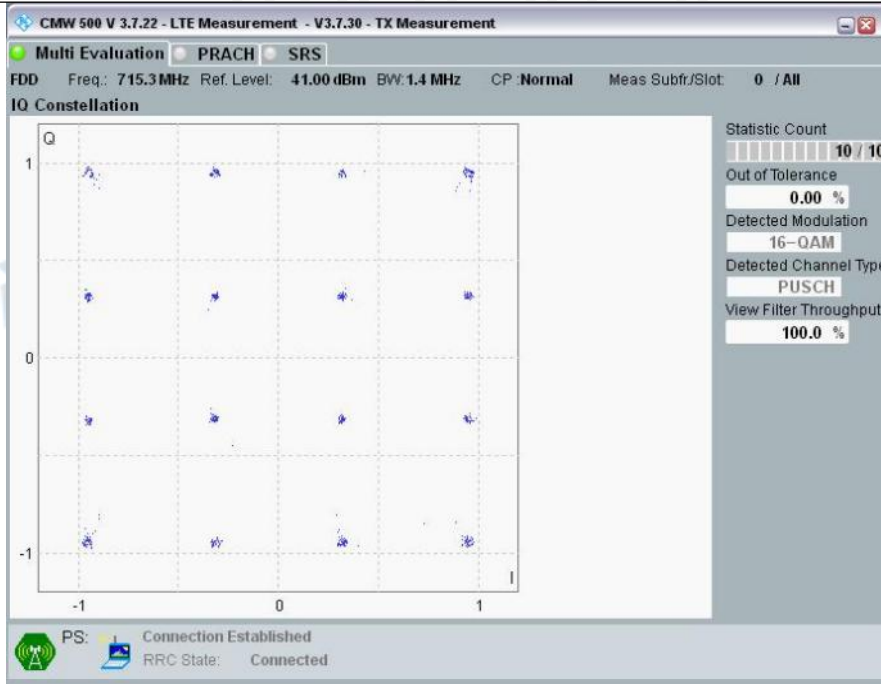
# CMW\_65\_NT\_NV\_0\_Band\_12\_16QAM\_1\_4M\_CH23095\_6\_0



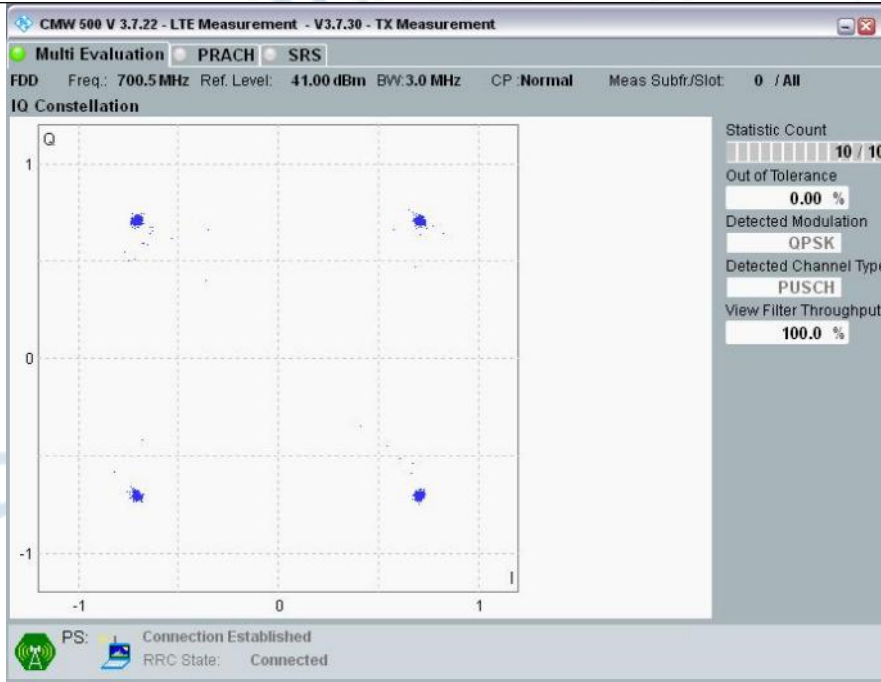
# CMW\_65\_NT\_NV\_0\_Band\_12\_QPSK\_1\_4M\_CH23173\_6\_0



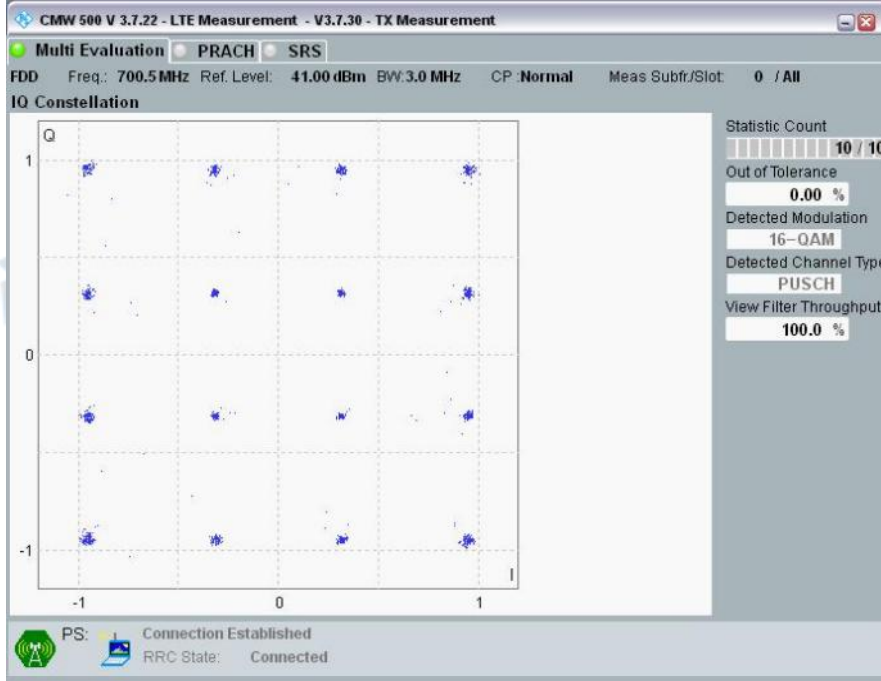
# CMW\_65\_NT\_NV\_0\_Band\_12\_16QAM\_1\_4M\_CH23173\_6\_0



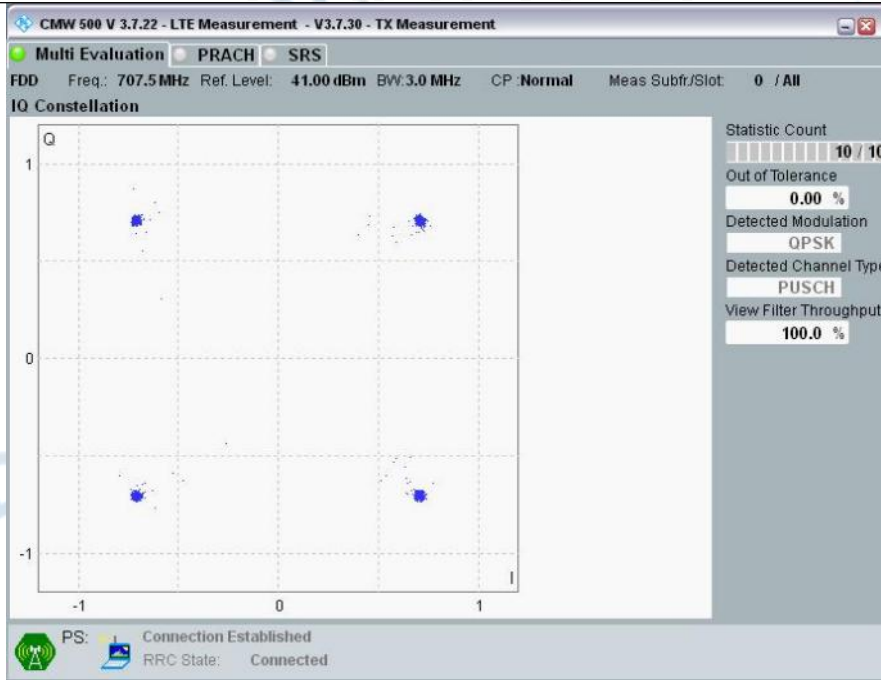
# CMW\_65\_NT\_NV\_0\_Band\_12\_QPSK\_3M\_CH23025\_15\_0



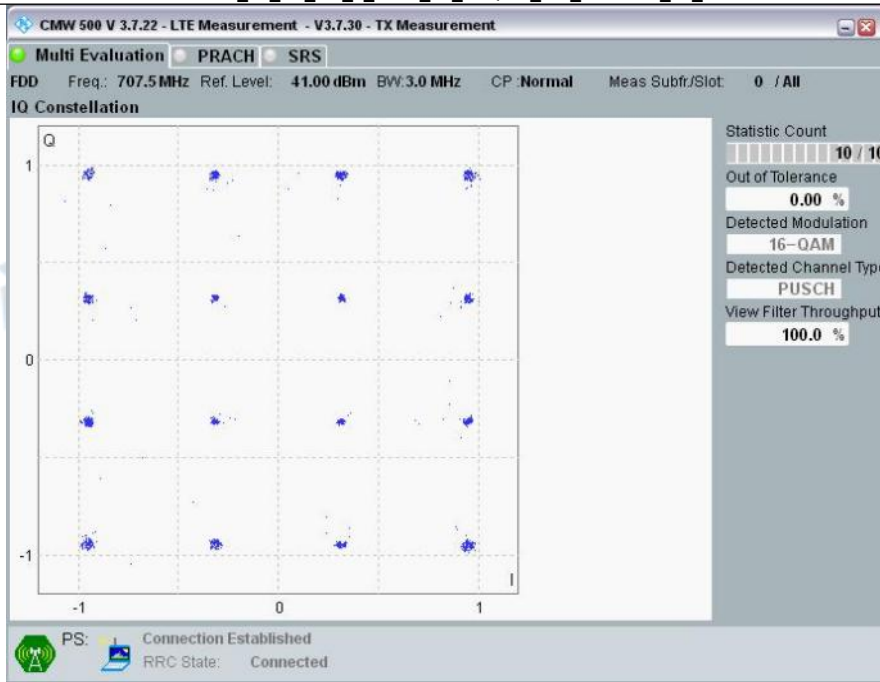
# CMW\_65\_NT\_NV\_0\_Band\_12\_16QAM\_3M\_CH23025\_15\_0



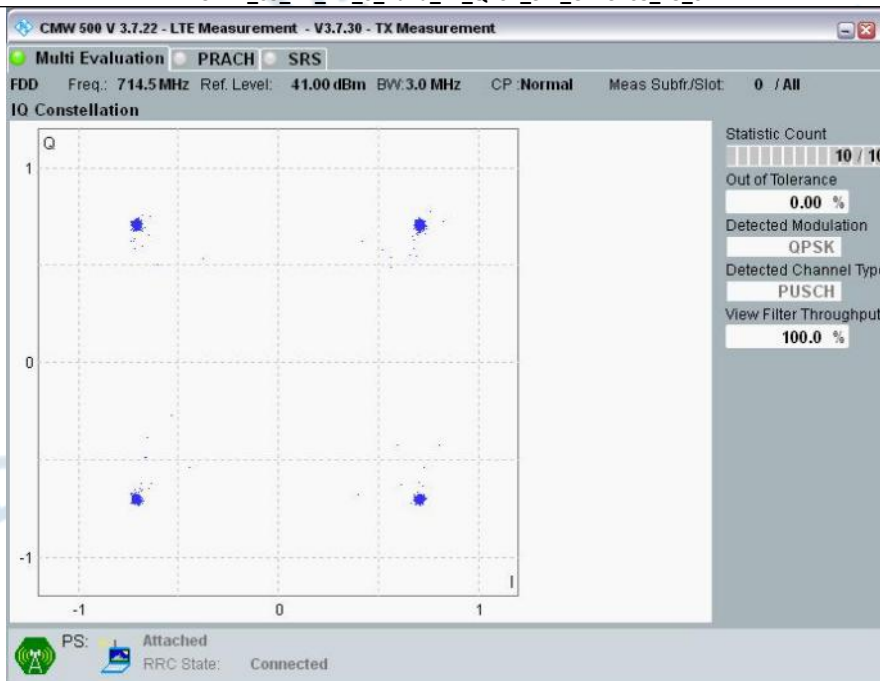
# CMW\_65\_NT\_NV\_0\_Band\_12\_QPSK\_3M\_CH23095\_15\_0



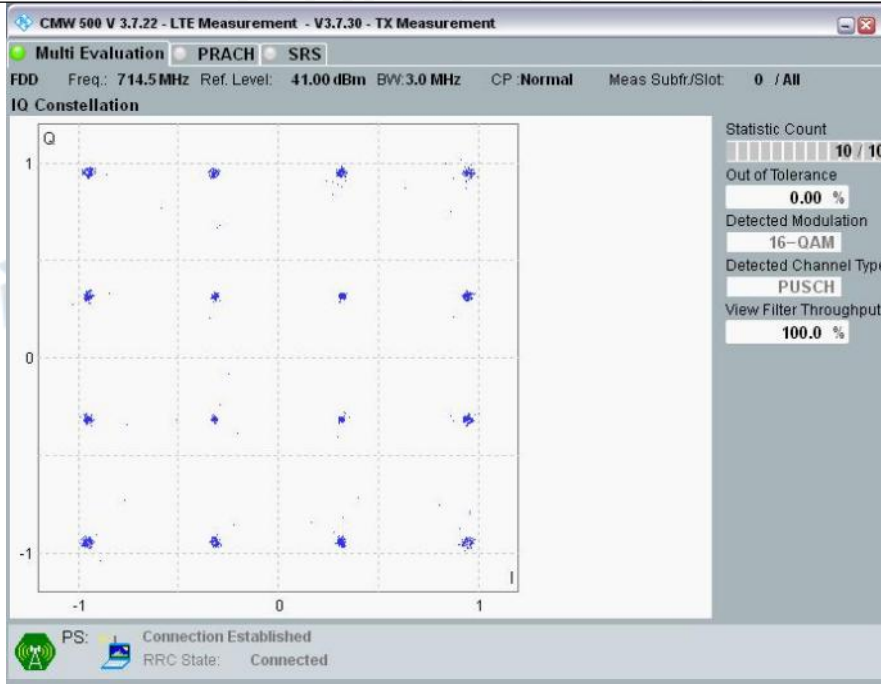
# CMW\_65\_NT\_NV\_0\_Band\_12\_16QAM\_3M\_CH23095\_15\_0



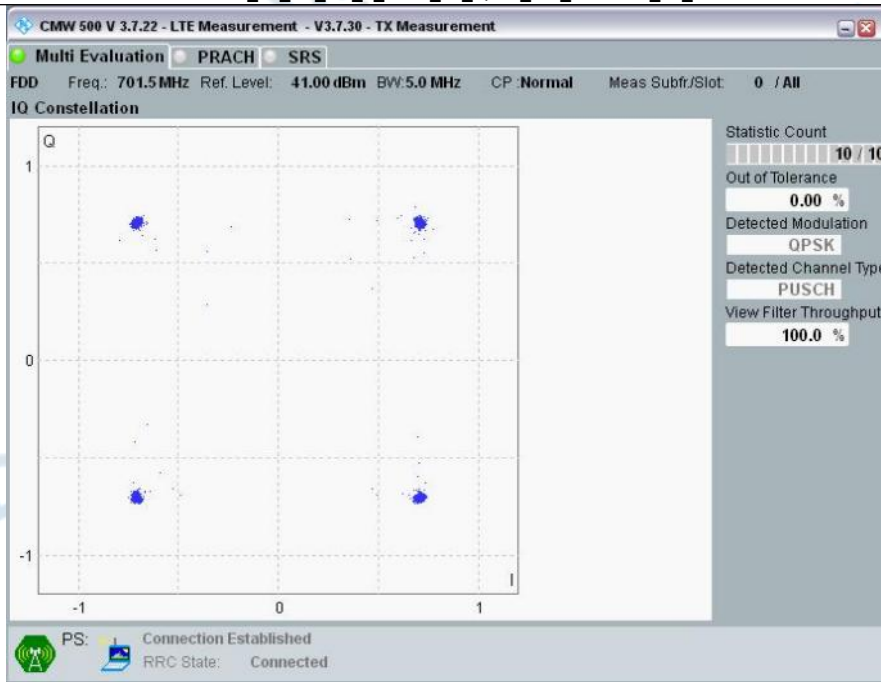
# CMW\_65\_NT\_NV\_0\_Band\_12\_QPSK\_3M\_CH23165\_15\_0



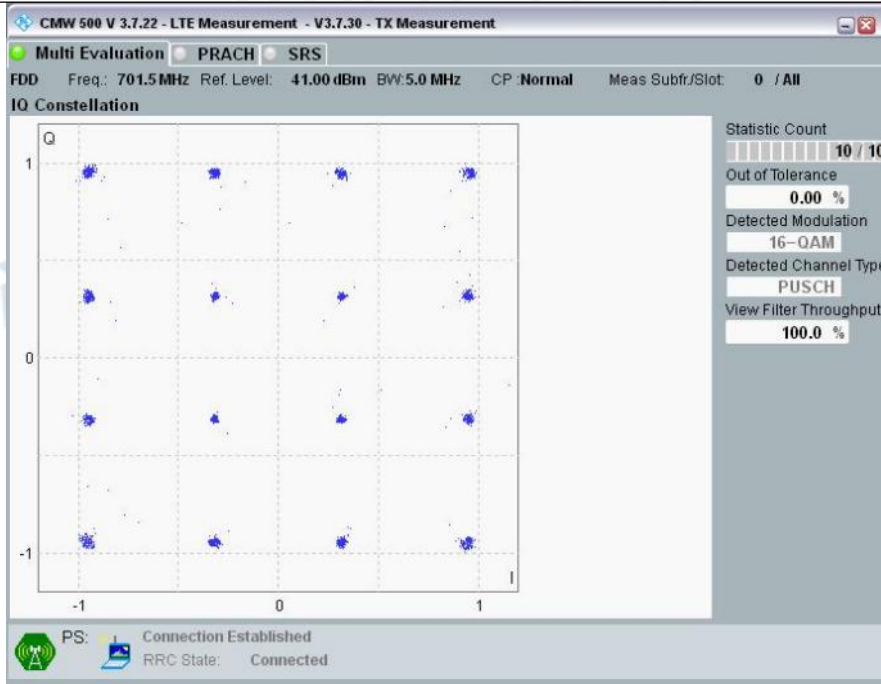
# CMW\_65\_NT\_NV\_0\_Band\_12\_16QAM\_3M\_CH23165\_15\_0



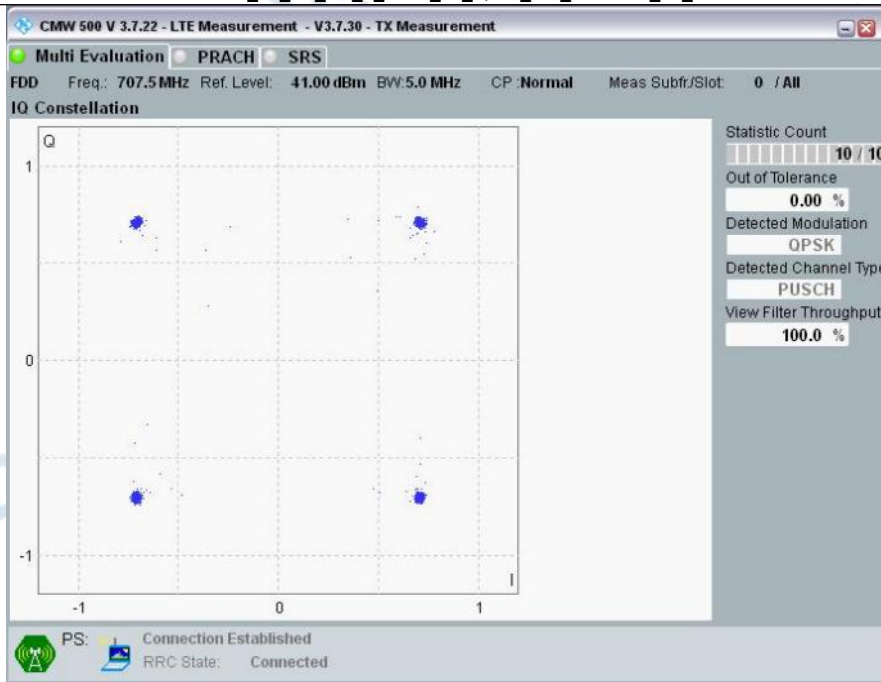
# CMW\_65\_NT\_NV\_0\_Band\_12\_QPSK\_5M\_CH23035\_25\_0



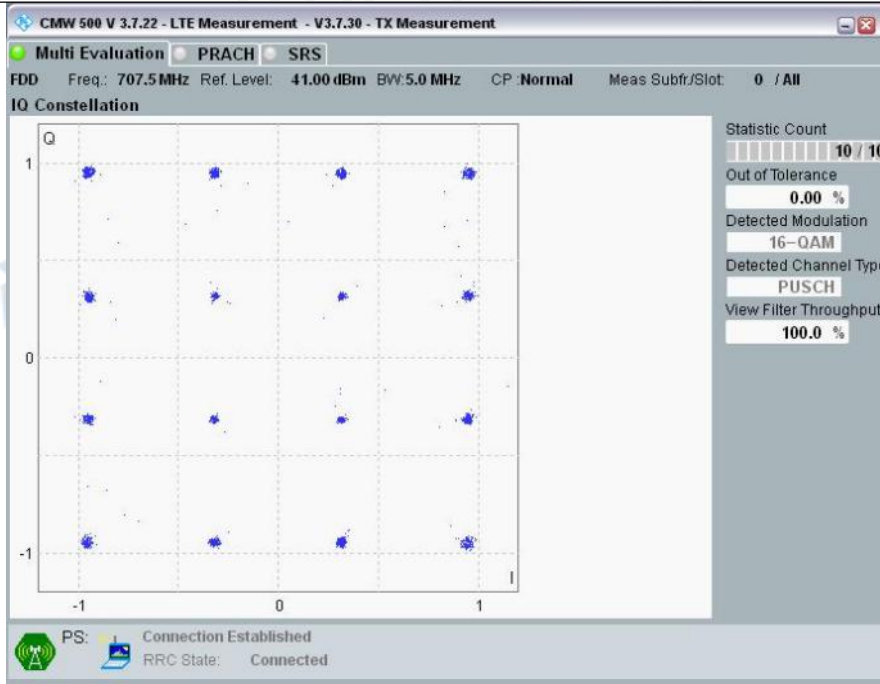
# CMW\_65\_NT\_NV\_0\_Band\_12\_16QAM\_5M\_CH23035\_25\_0



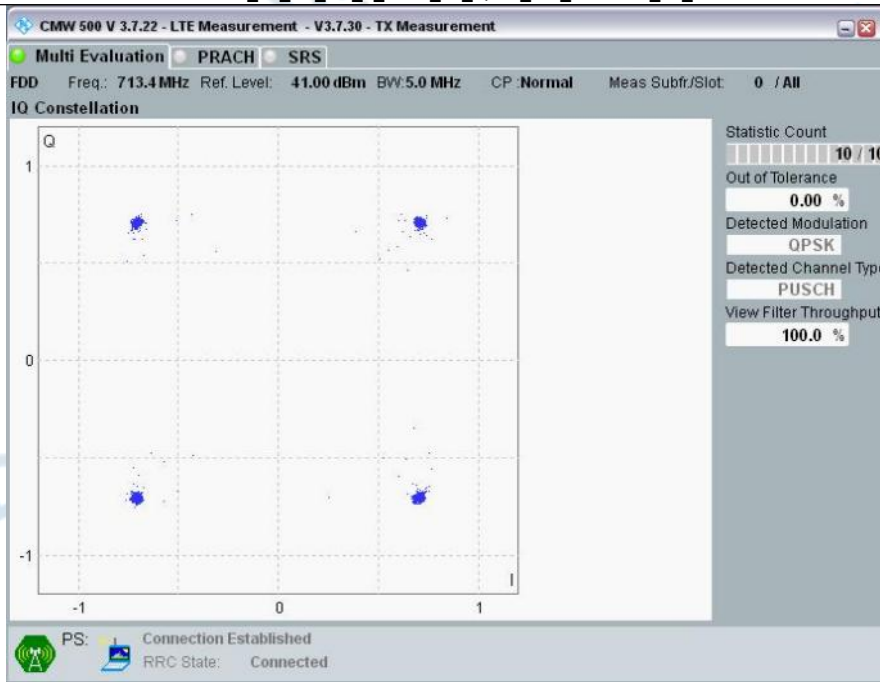
# CMW\_65\_NT\_NV\_0\_Band\_12\_QPSK\_5M\_CH23095\_25\_0

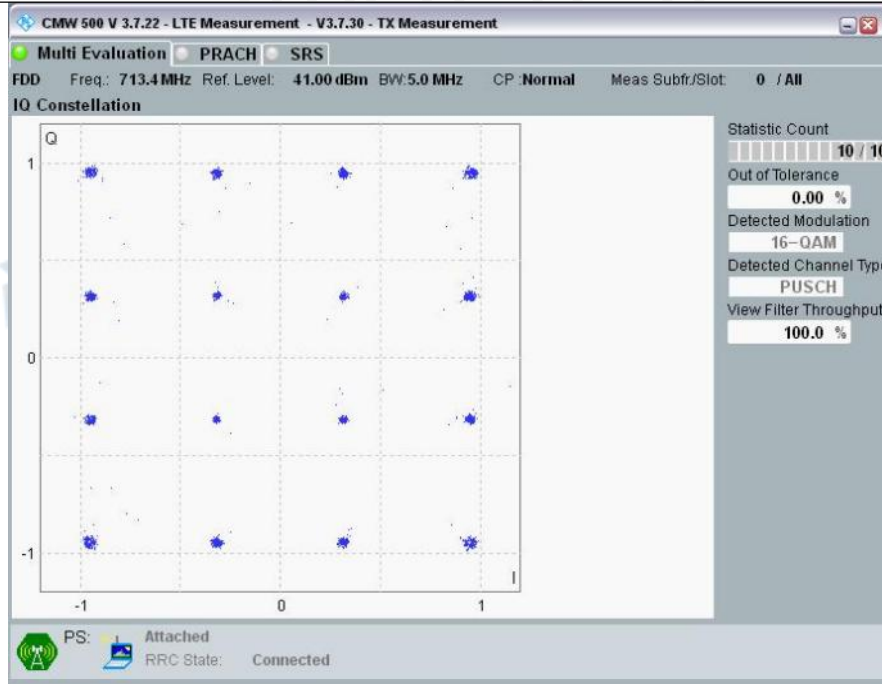


CMW\_65\_NT\_NV\_0\_Band\_12\_16QAM\_5M\_CH23095\_25\_0



CMW\_65\_NT\_NV\_0\_Band\_12\_QPSK\_5M\_CH23154\_25\_0





## 2. Conducted Output Power&&EIRP/ERP

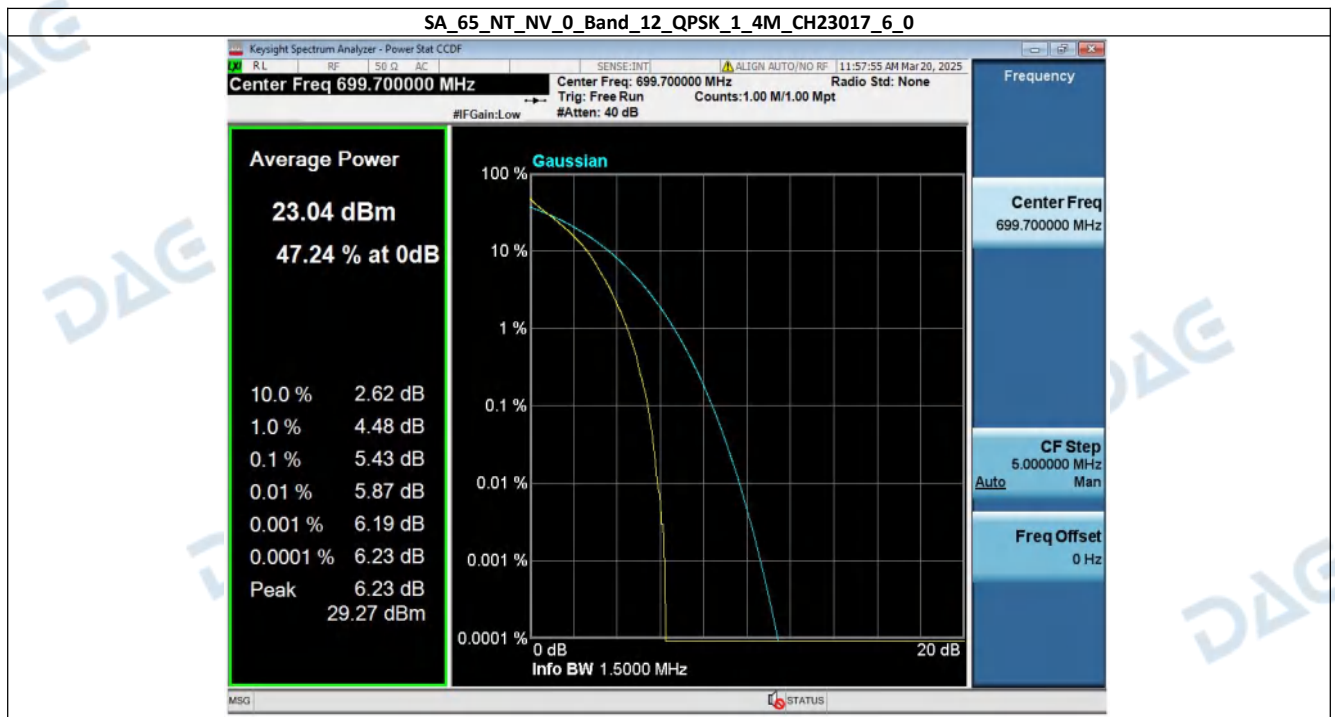
| Condition | Band    | Modulation | BW(MHz) | Freq.(MHz) | Conducted Power(dBm) | ANT Gain(dBi) | ERP(dBm) | ERP(mW) | limit(mW) | Result |
|-----------|---------|------------|---------|------------|----------------------|---------------|----------|---------|-----------|--------|
| NV_NT     | Band 12 | QPSK       | 1.4M    | 699.7      | 23.5                 | 0.34          | 21.69    | 147.57  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 699.7      | 23.49                | 0.34          | 21.68    | 147.23  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 699.7      | 23.43                | 0.34          | 21.62    | 145.21  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 699.7      | 23.53                | 0.34          | 21.72    | 148.59  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 699.7      | 23.46                | 0.34          | 21.65    | 146.22  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 699.7      | 22.52                | 0.34          | 20.71    | 117.76  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7      | 22.91                | 0.34          | 21.10    | 128.82  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7      | 22.86                | 0.34          | 21.05    | 127.35  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7      | 22.83                | 0.34          | 21.02    | 126.47  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7      | 22.79                | 0.34          | 20.98    | 125.31  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7      | 22.62                | 0.34          | 20.81    | 120.50  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7      | 21.46                | 0.34          | 19.65    | 92.26   | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 707.5      | 23.28                | 0.34          | 21.47    | 140.28  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 707.5      | 23.21                | 0.34          | 21.40    | 138.04  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 707.5      | 23.29                | 0.34          | 21.48    | 140.60  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 707.5      | 23.32                | 0.34          | 21.51    | 141.58  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 707.5      | 23.34                | 0.34          | 21.53    | 142.23  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 707.5      | 22.4                 | 0.34          | 20.59    | 114.55  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5      | 22.45                | 0.34          | 20.64    | 115.88  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5      | 22.5                 | 0.34          | 20.69    | 117.22  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5      | 22.53                | 0.34          | 20.72    | 118.03  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5      | 22.4                 | 0.34          | 20.59    | 114.55  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5      | 22.46                | 0.34          | 20.65    | 116.14  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5      | 21.54                | 0.34          | 19.73    | 93.97   | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 715.3      | 23.1                 | 0.34          | 21.29    | 134.59  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 715.3      | 23.04                | 0.34          | 21.23    | 132.74  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 715.3      | 22.77                | 0.34          | 20.96    | 124.74  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 715.3      | 23.1                 | 0.34          | 21.29    | 134.59  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 715.3      | 23                   | 0.34          | 21.19    | 131.52  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 715.3      | 22.01                | 0.34          | 20.20    | 104.71  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 715.3      | 22.52                | 0.34          | 20.71    | 117.76  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 715.3      | 22.43                | 0.34          | 20.62    | 115.35  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 715.3      | 22.26                | 0.34          | 20.45    | 110.92  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 715.3      | 22.31                | 0.34          | 20.50    | 112.20  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 715.3      | 22.13                | 0.34          | 20.32    | 107.65  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 715.3      | 21.14                | 0.34          | 19.33    | 85.70   | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 700.5      | 22.45                | 0.34          | 20.64    | 115.88  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 700.5      | 23.54                | 0.34          | 21.73    | 148.94  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 700.5      | 23.54                | 0.34          | 21.73    | 148.94  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 700.5      | 23.45                | 0.34          | 21.64    | 145.88  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 700.5      | 22.39                | 0.34          | 20.58    | 114.29  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 700.5      | 22.32                | 0.34          | 20.51    | 112.46  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 700.5      | 21.48                | 0.34          | 19.67    | 92.68   | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 700.5      | 22.41                | 0.34          | 20.60    | 114.82  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 700.5      | 22.33                | 0.34          | 20.52    | 112.72  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 700.5      | 22.25                | 0.34          | 20.44    | 110.66  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 700.5      | 21.51                | 0.34          | 19.70    | 93.33   | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 700.5      | 21.56                | 0.34          | 19.75    | 94.41   | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 707.5      | 22.27                | 0.34          | 20.46    | 111.17  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 707.5      | 23.07                | 0.34          | 21.26    | 133.66  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 707.5      | 23.19                | 0.34          | 21.38    | 137.40  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 707.5      | 23.31                | 0.34          | 21.50    | 141.25  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 707.5      | 22.29                | 0.34          | 20.48    | 111.69  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 707.5      | 22.27                | 0.34          | 20.46    | 111.17  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 707.5      | 21.45                | 0.34          | 19.64    | 92.04   | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 707.5      | 22.2                 | 0.34          | 20.39    | 109.40  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 707.5      | 22.32                | 0.34          | 20.51    | 112.46  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 707.5      | 22.35                | 0.34          | 20.54    | 113.24  | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 707.5      | 21.41                | 0.34          | 19.60    | 91.20   | 3000      | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 707.5      | 21.52                | 0.34          | 19.71    | 93.54   | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 714.5      | 22.18                | 0.34          | 20.37    | 108.89  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 714.5      | 23.14                | 0.34          | 21.33    | 135.83  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 714.5      | 23.12                | 0.34          | 21.31    | 135.21  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 714.5      | 23.26                | 0.34          | 21.45    | 139.64  | 3000      | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 714.5      | 22.24                | 0.34          | 20.43    | 110.41  | 3000      | Pass   |

|       |         |       |    |       |       |      |       |        |      |      |
|-------|---------|-------|----|-------|-------|------|-------|--------|------|------|
| NV_NT | Band 12 | QPSK  | 3M | 714.5 | 22.06 | 0.34 | 20.25 | 105.93 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 21.25 | 0.34 | 19.44 | 87.90  | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 22.1  | 0.34 | 20.29 | 106.91 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 21.98 | 0.34 | 20.17 | 103.99 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 22.15 | 0.34 | 20.34 | 108.14 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 21.38 | 0.34 | 19.57 | 90.57  | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 21.21 | 0.34 | 19.40 | 87.10  | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 22.45 | 0.34 | 20.64 | 115.88 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 22.39 | 0.34 | 20.58 | 114.29 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 23.71 | 0.34 | 21.90 | 154.88 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 23.65 | 0.34 | 21.84 | 152.76 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 23.54 | 0.34 | 21.73 | 148.94 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 22.44 | 0.34 | 20.63 | 115.61 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 21.66 | 0.34 | 19.85 | 96.61  | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 21.73 | 0.34 | 19.92 | 98.17  | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 23.15 | 0.34 | 21.34 | 136.14 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 22.99 | 0.34 | 21.18 | 131.22 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 22.93 | 0.34 | 21.12 | 129.42 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 21.64 | 0.34 | 19.83 | 96.16  | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 22.33 | 0.34 | 20.52 | 112.72 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 22.29 | 0.34 | 20.48 | 111.69 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 23.28 | 0.34 | 21.47 | 140.28 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 23.42 | 0.34 | 21.61 | 144.88 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 23.21 | 0.34 | 21.40 | 138.04 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 22.25 | 0.34 | 20.44 | 110.66 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 21.37 | 0.34 | 19.56 | 90.36  | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 21.45 | 0.34 | 19.64 | 92.04  | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 22.32 | 0.34 | 20.51 | 112.46 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 22.52 | 0.34 | 20.71 | 117.76 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 22.36 | 0.34 | 20.55 | 113.50 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 21.31 | 0.34 | 19.50 | 89.13  | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 22.11 | 0.34 | 20.30 | 107.15 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 22.17 | 0.34 | 20.36 | 108.64 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 23.12 | 0.34 | 21.31 | 135.21 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 23.23 | 0.34 | 21.42 | 138.68 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 23.05 | 0.34 | 21.24 | 133.05 | 3000 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 22.16 | 0.34 | 20.35 | 108.39 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 21.3  | 0.34 | 19.49 | 88.92  | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 21.45 | 0.34 | 19.64 | 92.04  | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 22.59 | 0.34 | 20.78 | 119.67 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 22.74 | 0.34 | 20.93 | 123.88 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 22.41 | 0.34 | 20.60 | 114.82 | 3000 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 21.28 | 0.34 | 19.47 | 88.51  | 3000 | Pass |

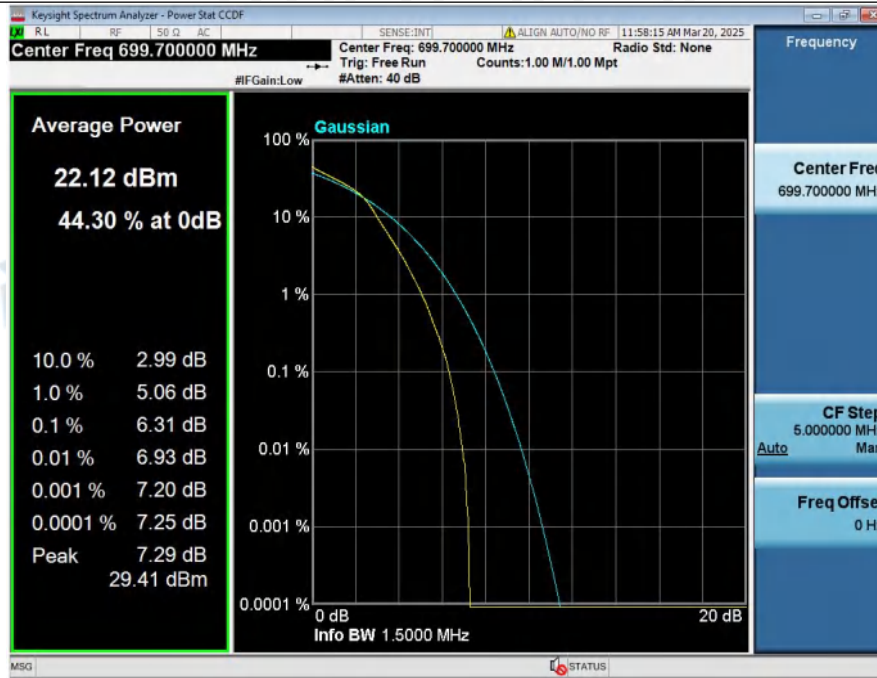
ERP = Conducted Power + ANT Gain - 2.15

### 3. Peak to Average Ratio

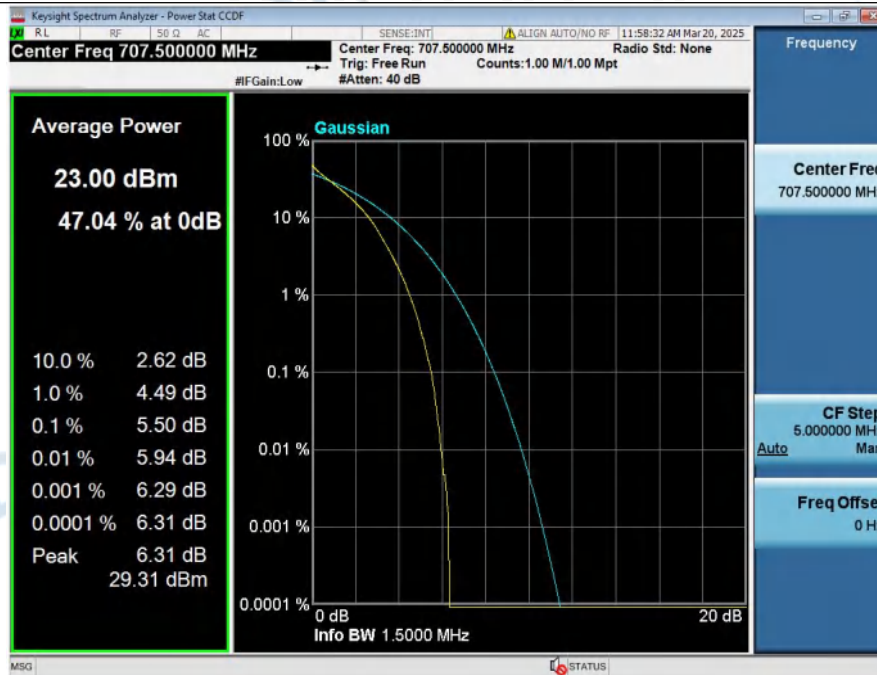
| Condition | Band    | Modulation | BW(MHz) | Frequency(MHz) | RB_Size | RB_start | Peak to AVG Ratio-0.1%(dB) | Limit(dB) | Result |
|-----------|---------|------------|---------|----------------|---------|----------|----------------------------|-----------|--------|
| NV_NT     | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 0        | 5.43                       | 13.00     | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 0        | 6.31                       | 13.00     | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 0        | 5.50                       | 13.00     | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 0        | 6.38                       | 13.00     | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | 0        | 5.26                       | 13.00     | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 715.3          | 6       | 0        | 6.11                       | 13.00     | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 700.5          | 15      | 0        | 6.90                       | 13.00     | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 700.5          | 15      | 0        | 6.34                       | 13.00     | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 707.5          | 15      | 0        | 5.51                       | 13.00     | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 707.5          | 15      | 0        | 6.27                       | 13.00     | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M      | 714.5          | 15      | 0        | 5.37                       | 13.00     | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M      | 714.5          | 15      | 0        | 6.08                       | 13.00     | Pass   |
| NV_NT     | Band 12 | QPSK       | 5M      | 701.5          | 25      | 0        | 5.43                       | 13.00     | Pass   |
| NV_NT     | Band 12 | 16QAM      | 5M      | 701.5          | 25      | 0        | 6.12                       | 13.00     | Pass   |
| NV_NT     | Band 12 | QPSK       | 5M      | 707.5          | 25      | 0        | 5.45                       | 13.00     | Pass   |
| NV_NT     | Band 12 | 16QAM      | 5M      | 707.5          | 25      | 0        | 6.17                       | 13.00     | Pass   |
| NV_NT     | Band 12 | QPSK       | 5M      | 713.4          | 25      | 0        | 8.41                       | 13.00     | Pass   |
| NV_NT     | Band 12 | 16QAM      | 5M      | 713.4          | 25      | 0        | 6.15                       | 13.00     | Pass   |



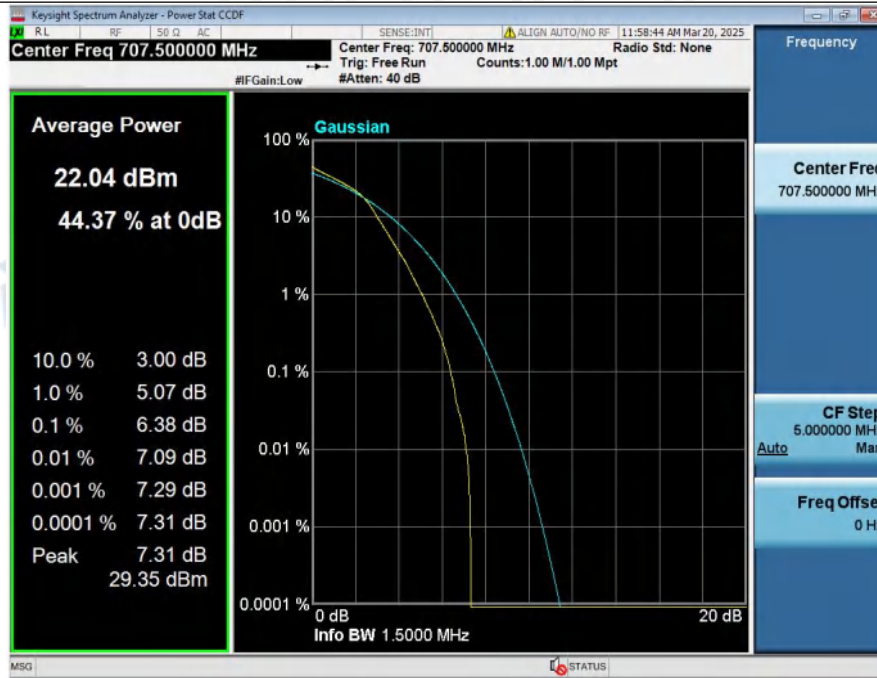
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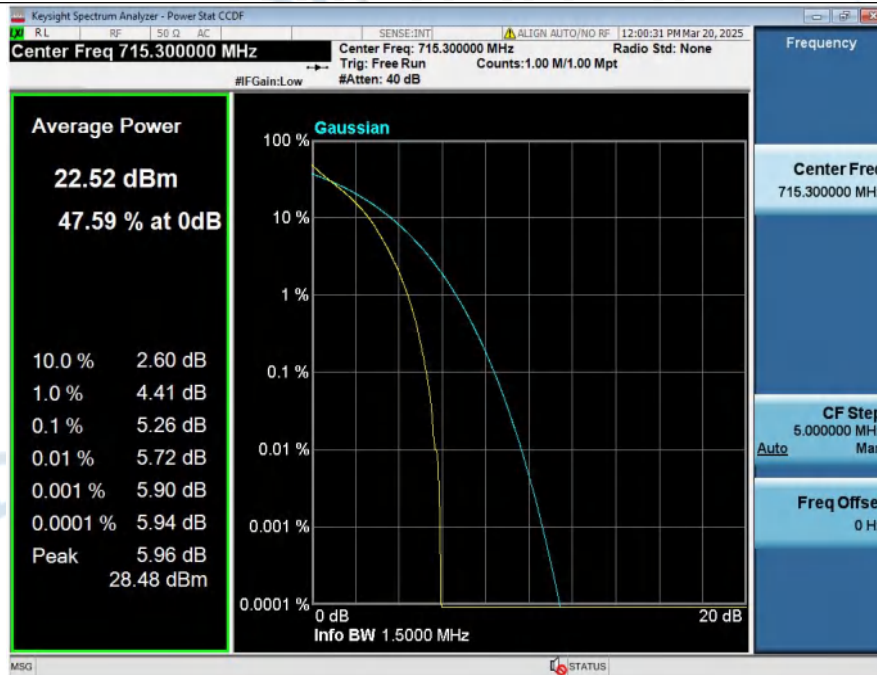
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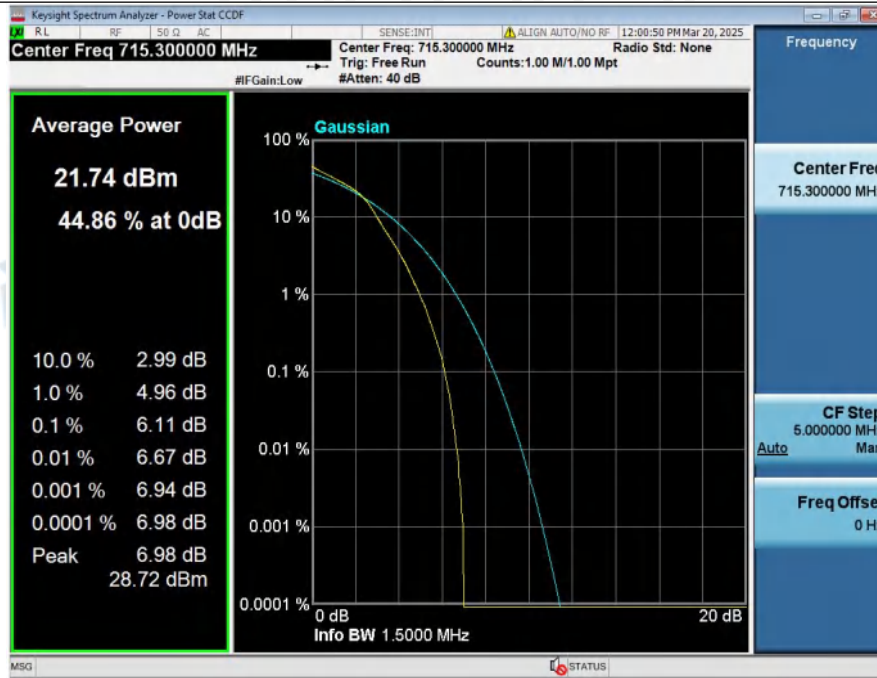
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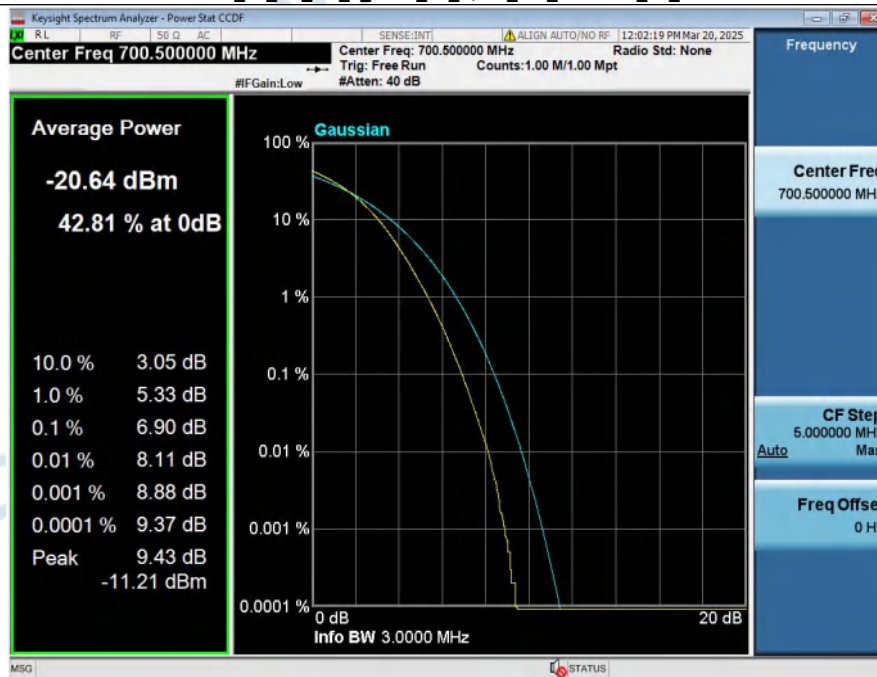
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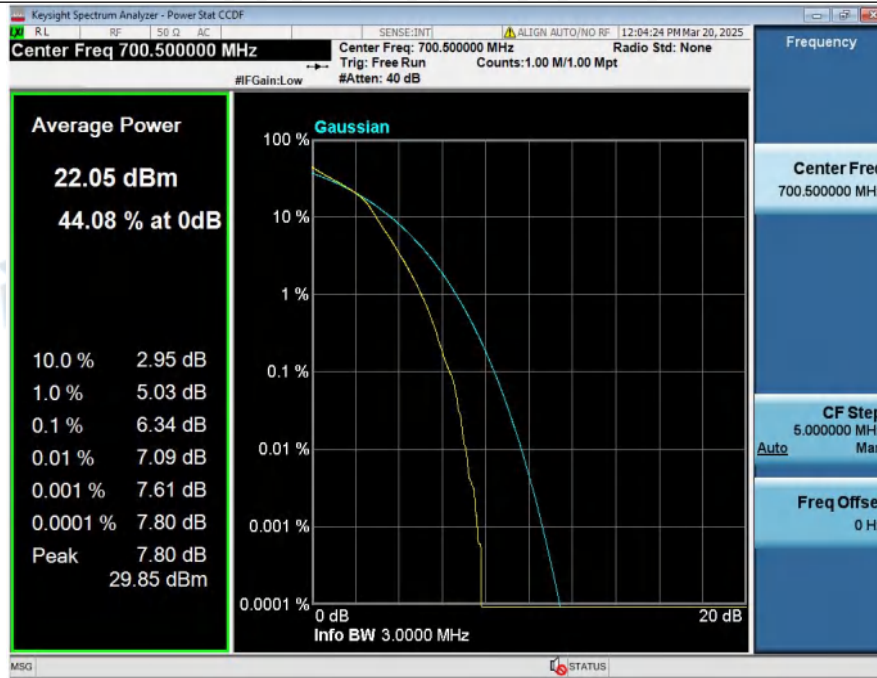
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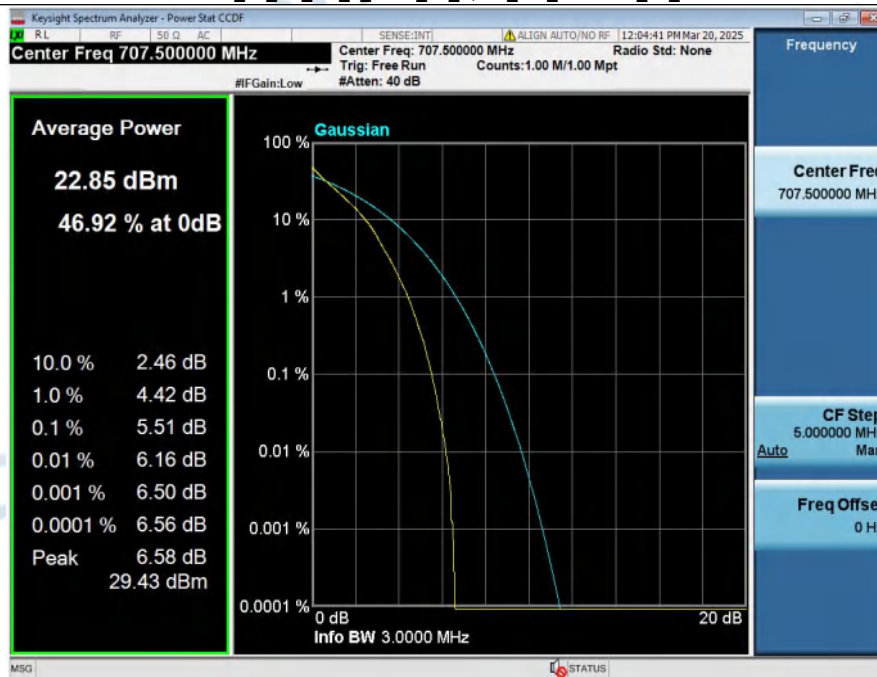
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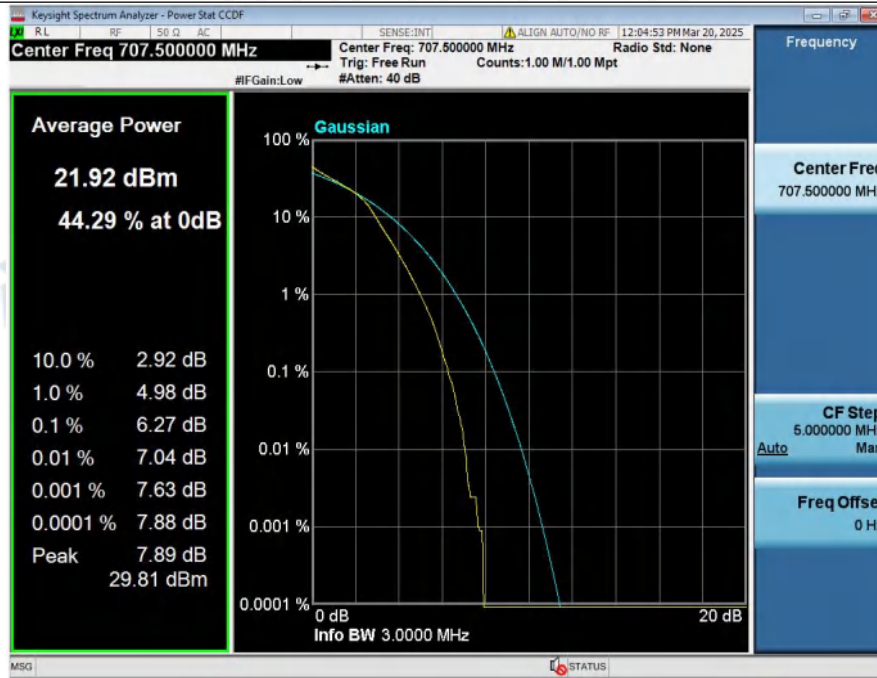
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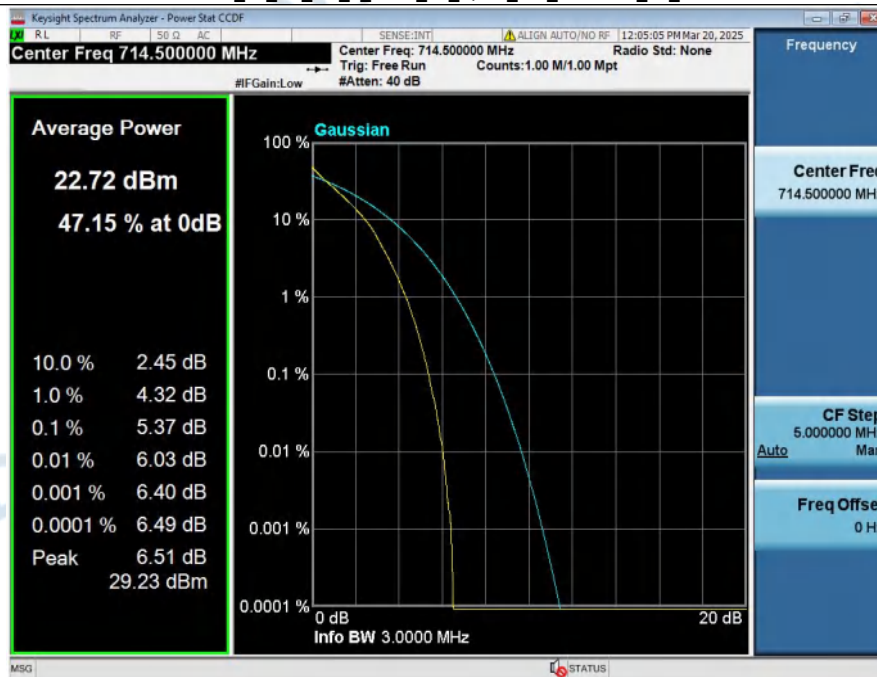
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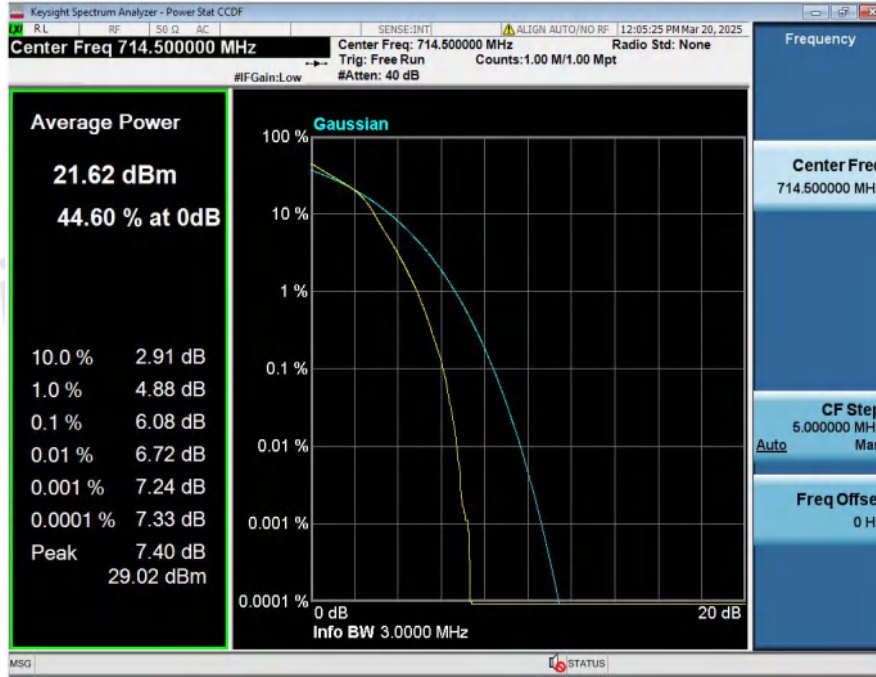
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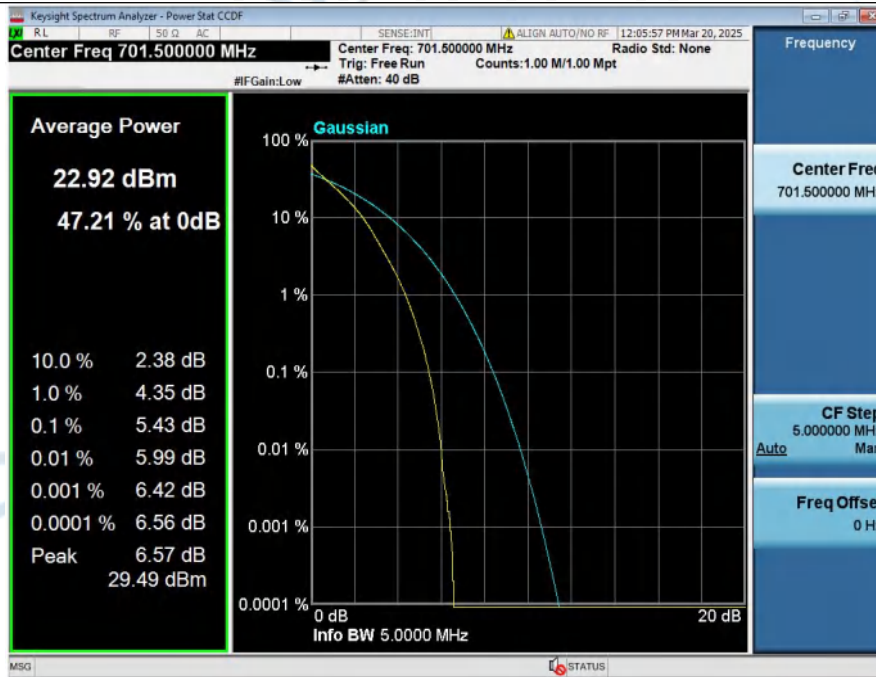
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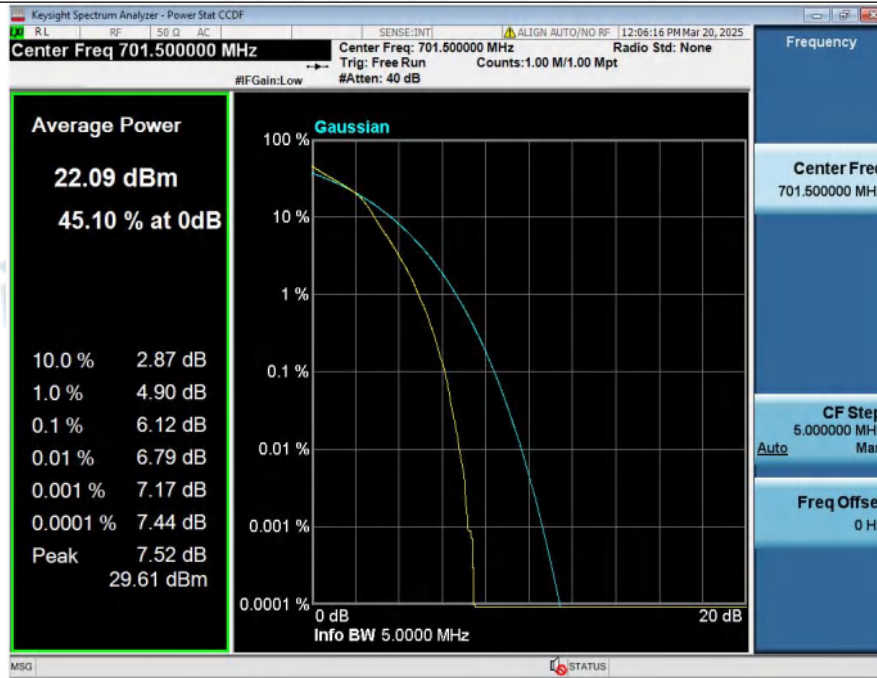
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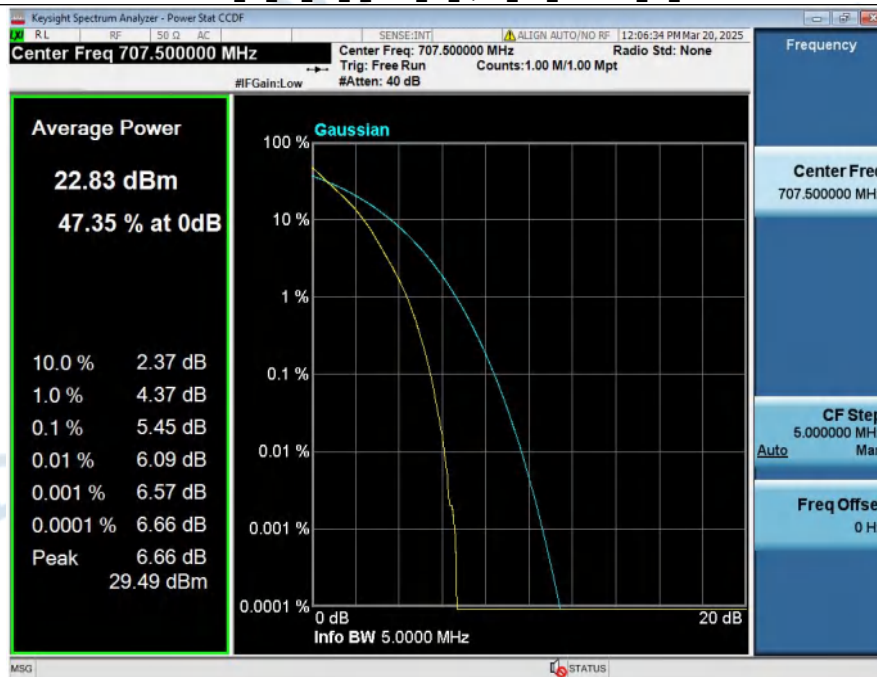
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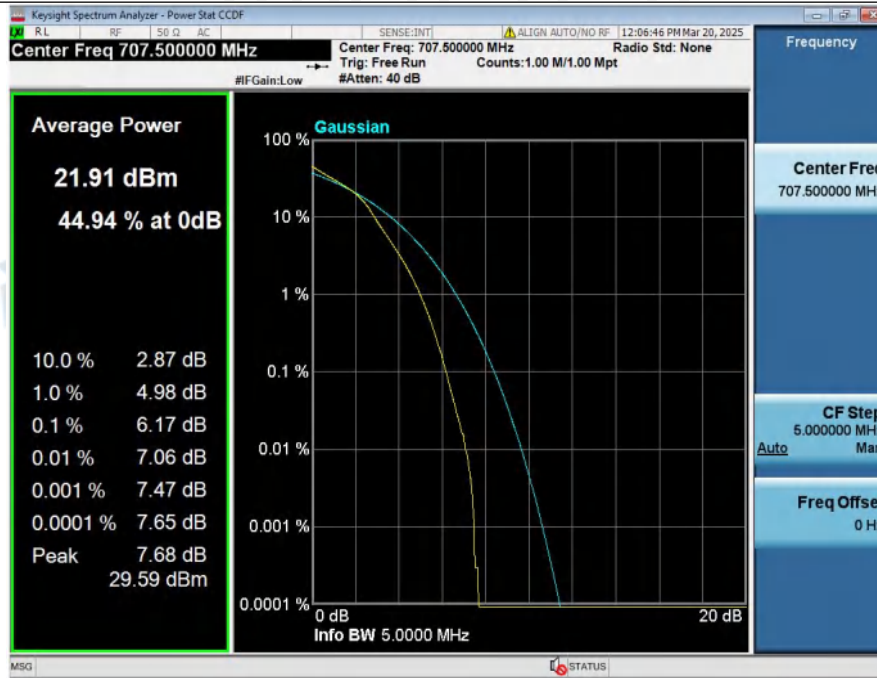
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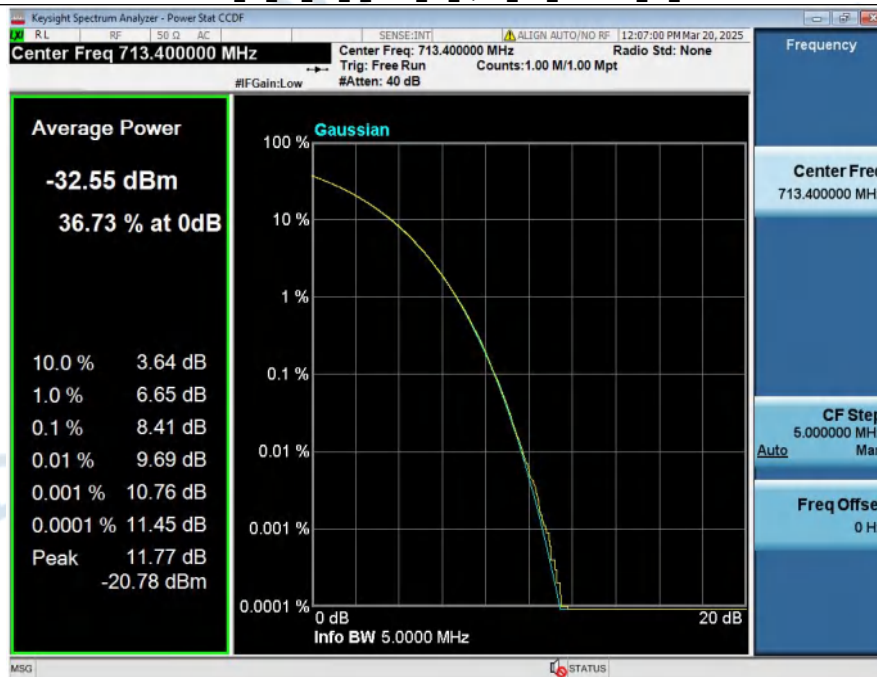
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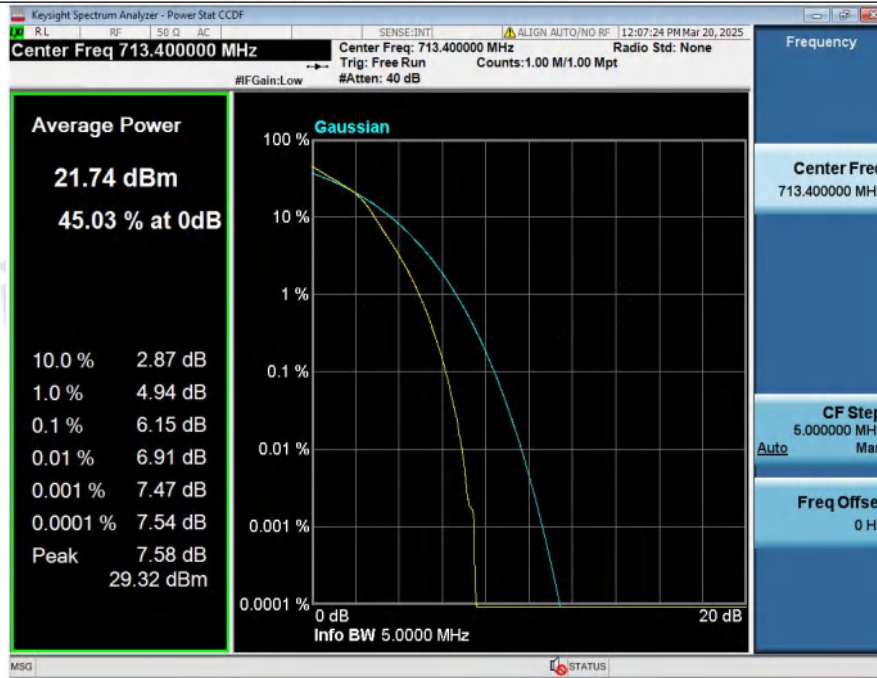


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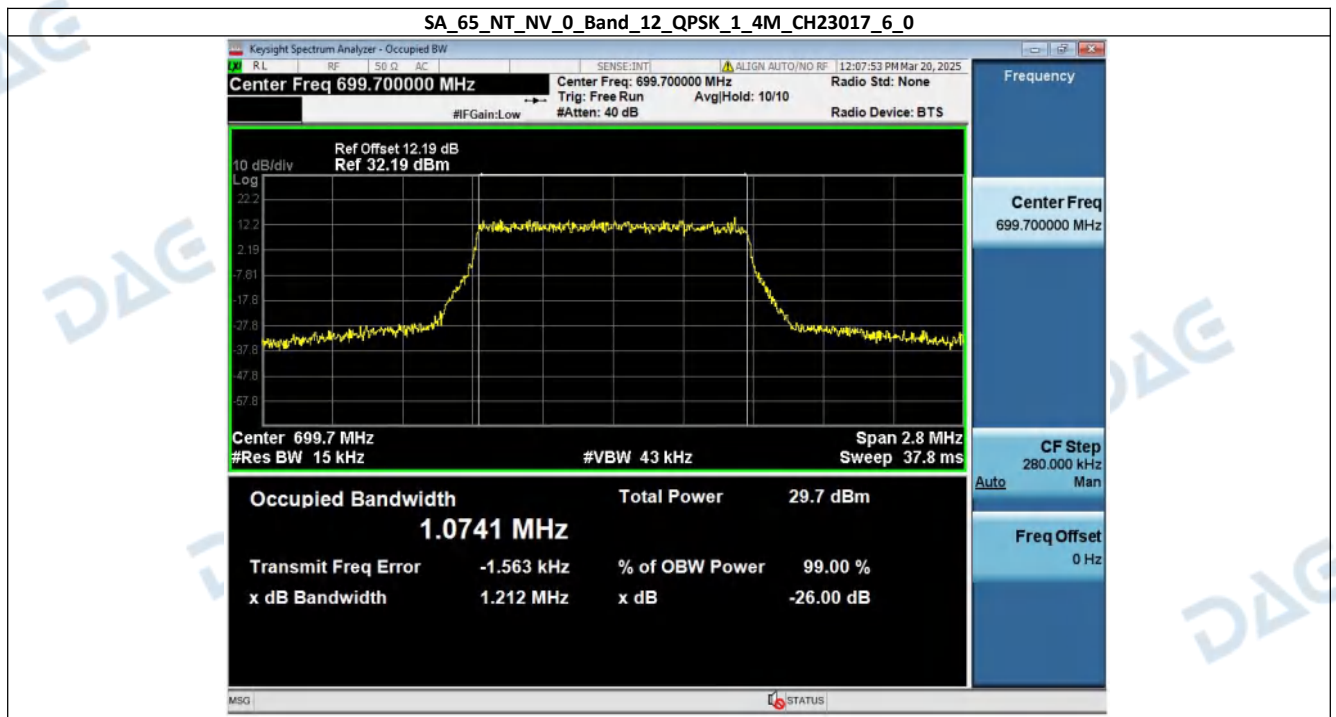
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## 4. Occupied Bandwidth

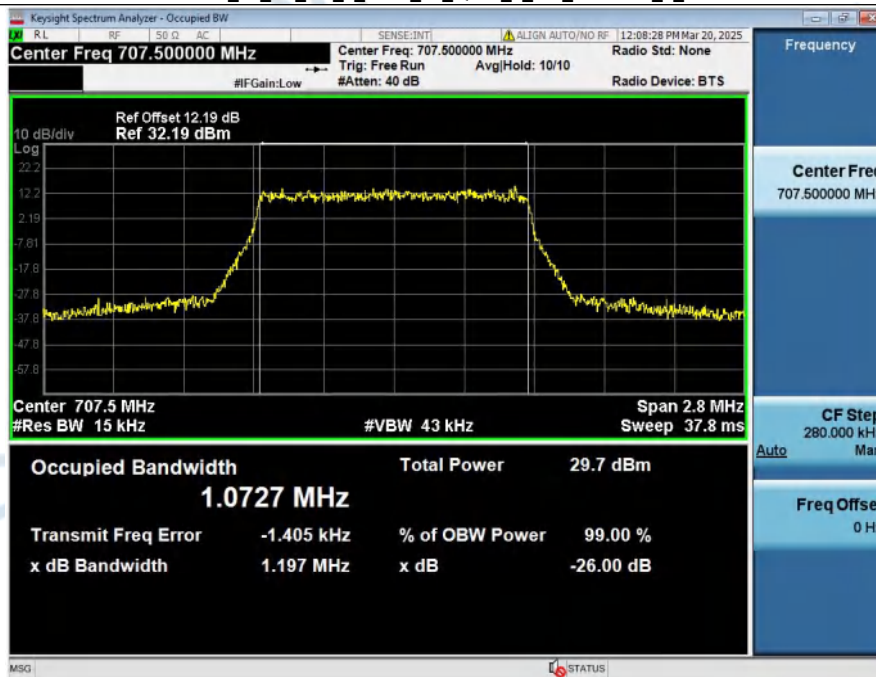
| Condition | Band    | Modulation | BW(MHz) | Frequency(MHz) | RB_Size | RB_start | OBW(MHz) | 26EBW(MHz) |
|-----------|---------|------------|---------|----------------|---------|----------|----------|------------|
| NV_NT     | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 0        | 1.0741   | 1.2121     |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 0        | 1.0792   | 1.2258     |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 0        | 1.0727   | 1.1974     |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 0        | 1.0778   | 1.2296     |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | 0        | 1.0782   | 1.2296     |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 715.3          | 6       | 0        | 1.0737   | 1.2341     |
| NV_NT     | Band 12 | QPSK       | 3M      | 700.5          | 15      | 0        | 2.6835   | 2.8935     |
| NV_NT     | Band 12 | 16QAM      | 3M      | 700.5          | 15      | 0        | 2.6783   | 2.8772     |
| NV_NT     | Band 12 | QPSK       | 3M      | 707.5          | 15      | 0        | 2.6787   | 2.8685     |
| NV_NT     | Band 12 | 16QAM      | 3M      | 707.5          | 15      | 0        | 2.6784   | 2.8924     |
| NV_NT     | Band 12 | QPSK       | 3M      | 714.5          | 15      | 0        | 2.6754   | 2.8915     |
| NV_NT     | Band 12 | 16QAM      | 3M      | 714.5          | 15      | 0        | 2.6801   | 2.8671     |
| NV_NT     | Band 12 | QPSK       | 5M      | 701.5          | 25      | 0        | 4.4618   | 4.7886     |
| NV_NT     | Band 12 | 16QAM      | 5M      | 701.5          | 25      | 0        | 4.4718   | 4.8494     |
| NV_NT     | Band 12 | QPSK       | 5M      | 707.5          | 25      | 0        | 4.4547   | 4.8343     |
| NV_NT     | Band 12 | 16QAM      | 5M      | 707.5          | 25      | 0        | 4.4576   | 4.8301     |
| NV_NT     | Band 12 | QPSK       | 5M      | 713.4          | 25      | 0        | 4.4656   | 4.8097     |
| NV_NT     | Band 12 | 16QAM      | 5M      | 713.4          | 25      | 0        | 4.4695   | 4.8492     |



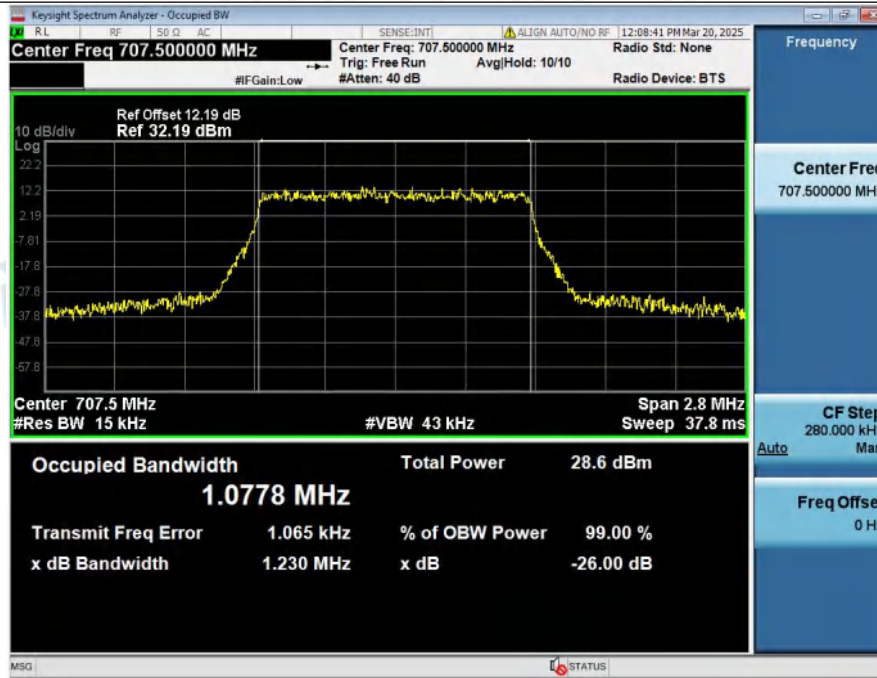
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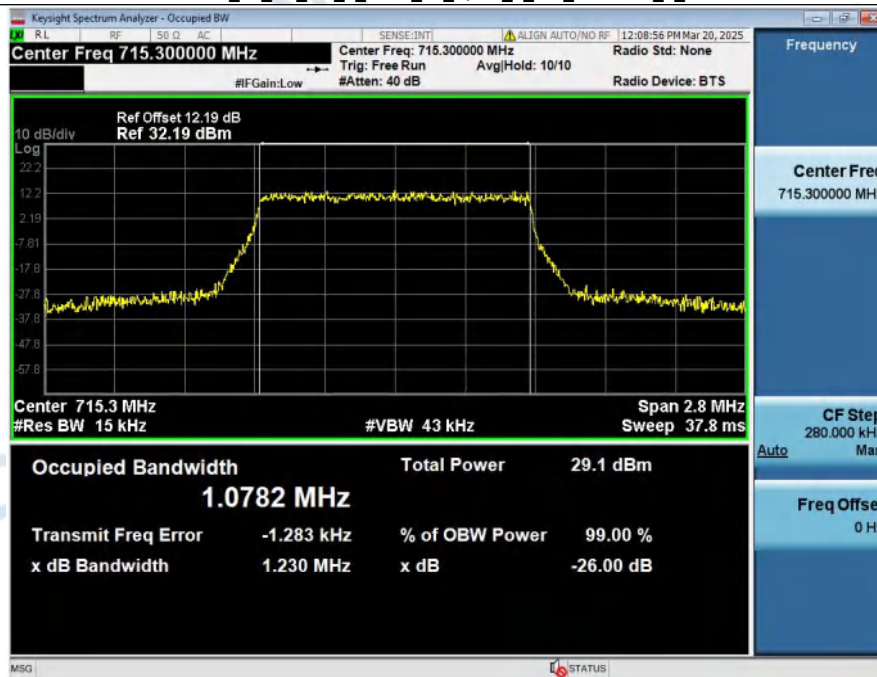
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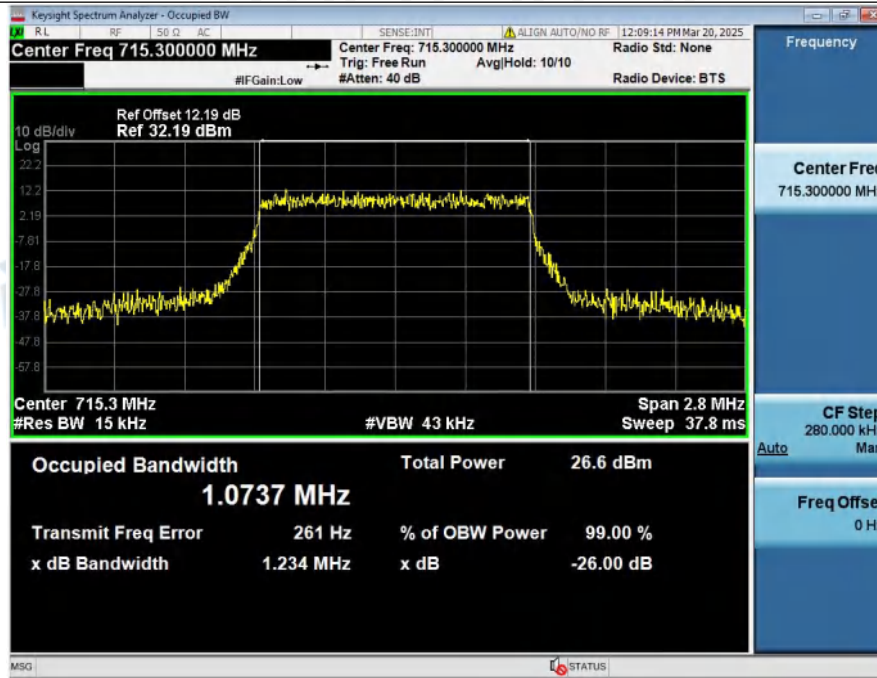
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SA\_65\_NT\_NV\_0\_Band\_12\_QPSK\_1\_4M\_CH23173\_6\_0



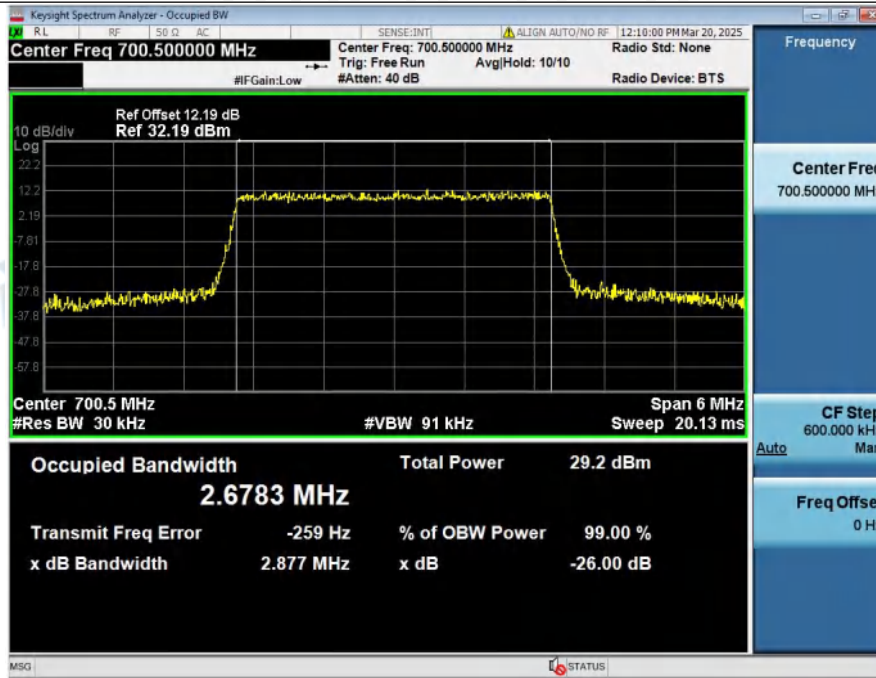
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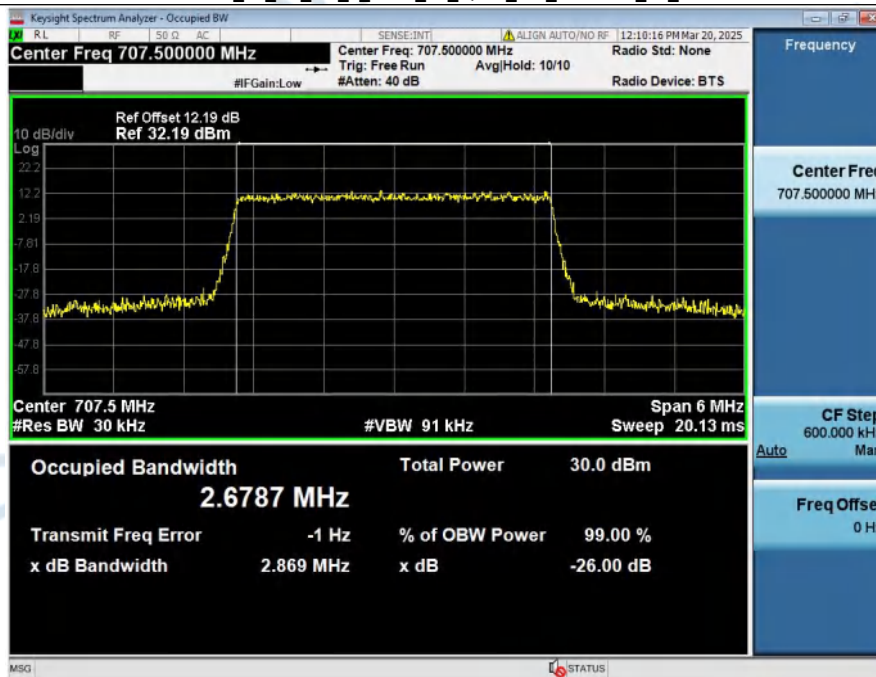
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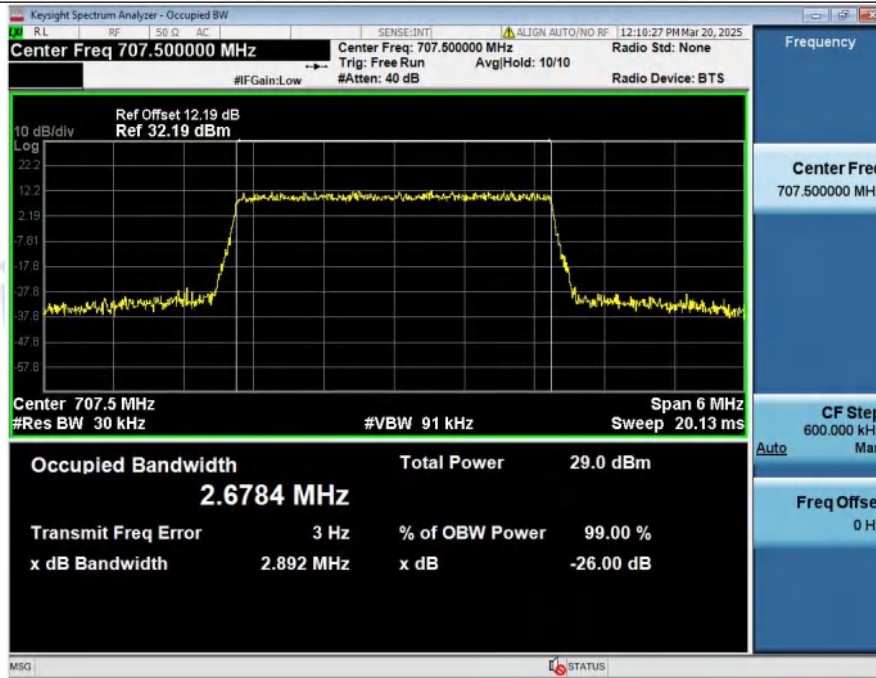
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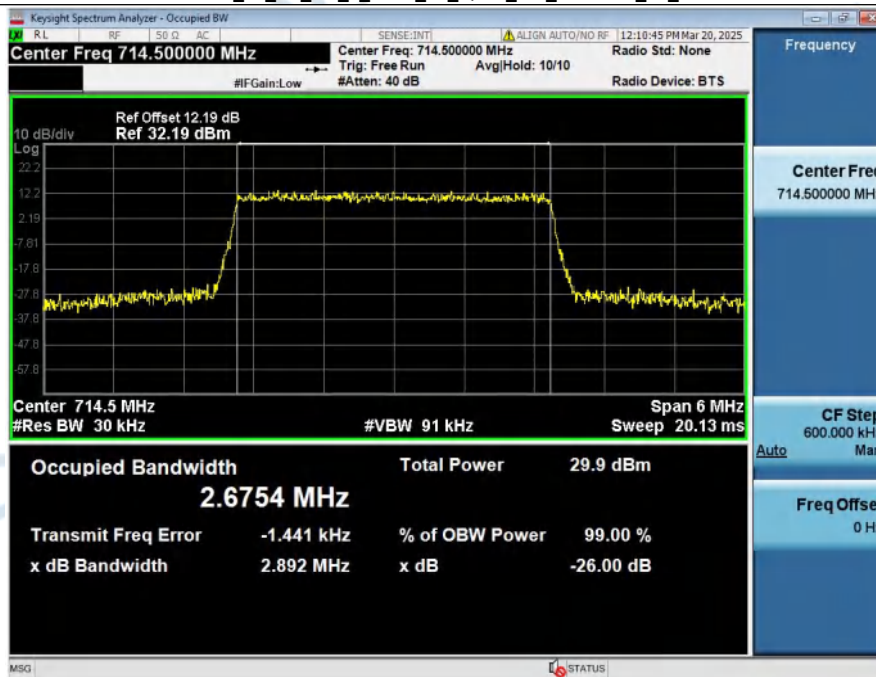
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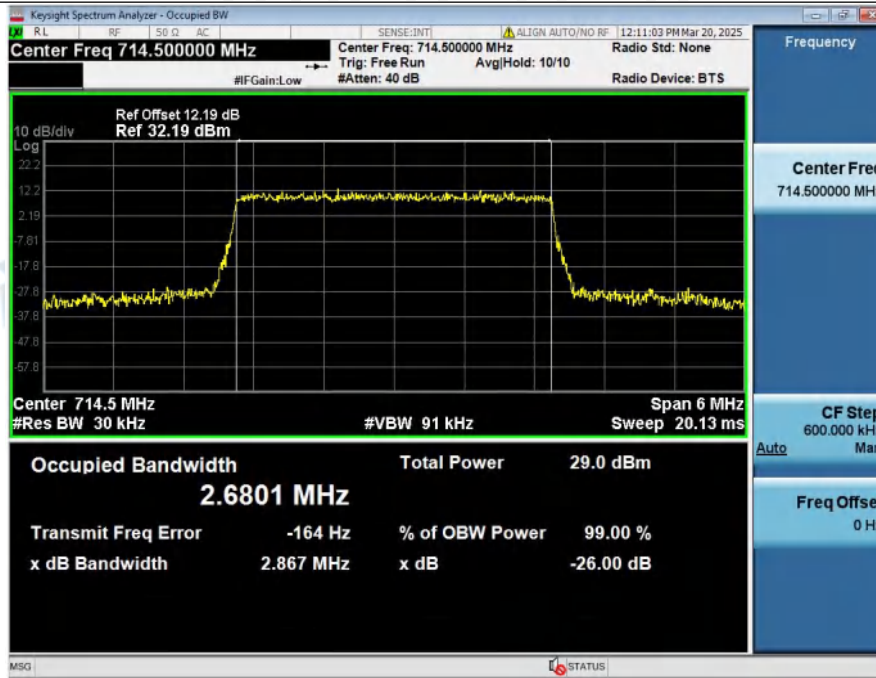
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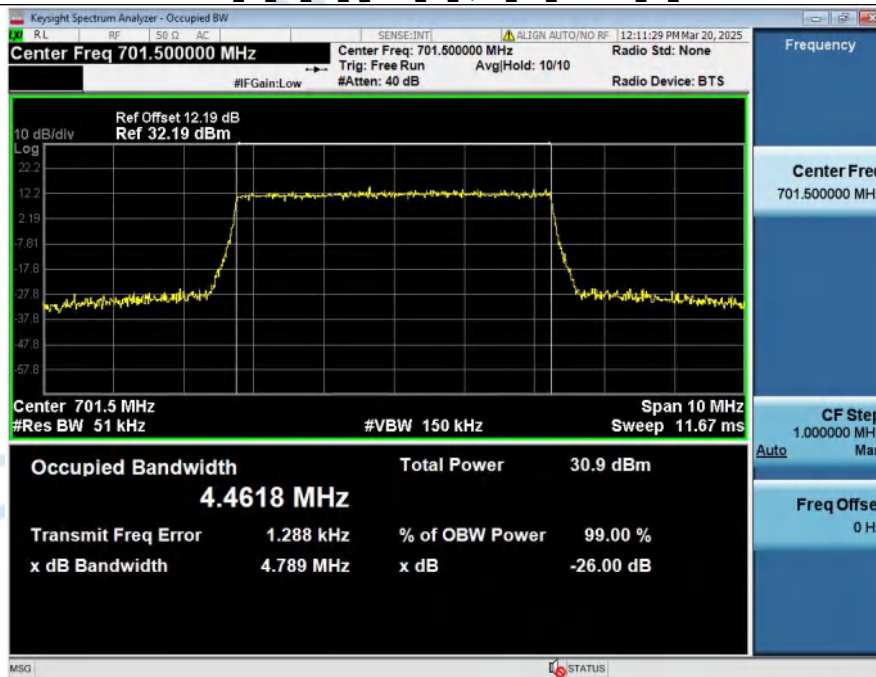
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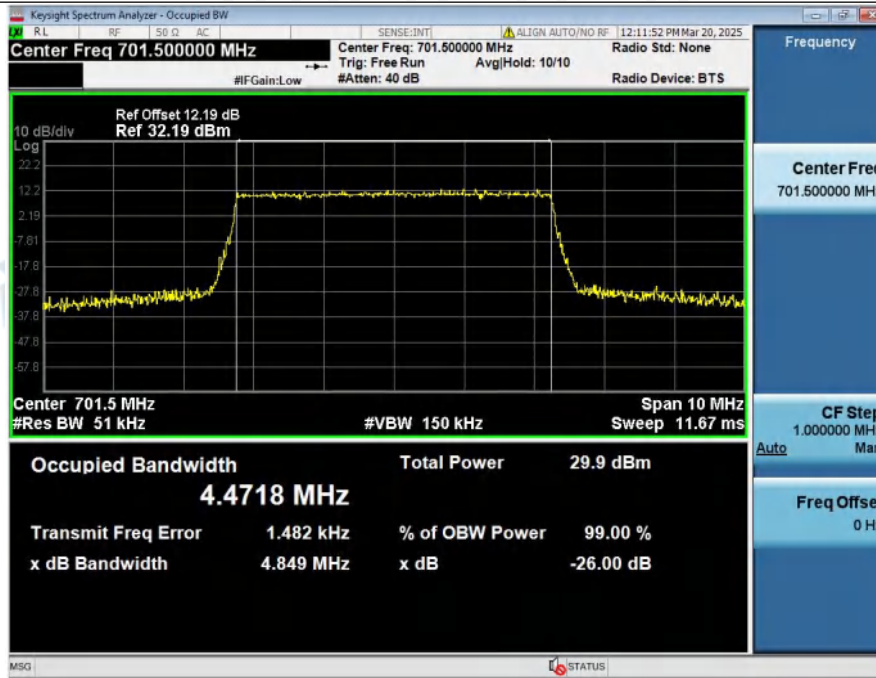
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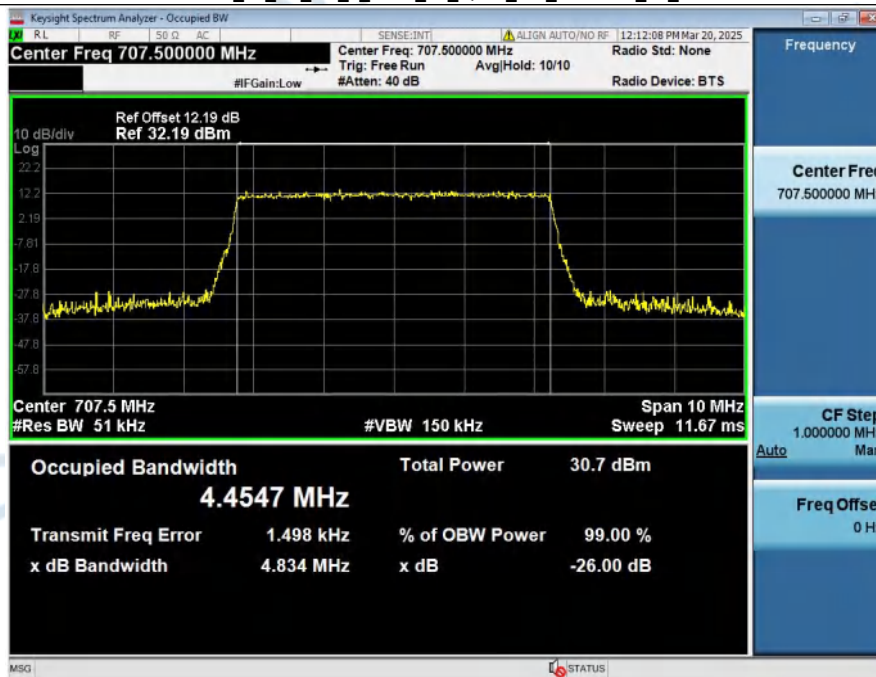
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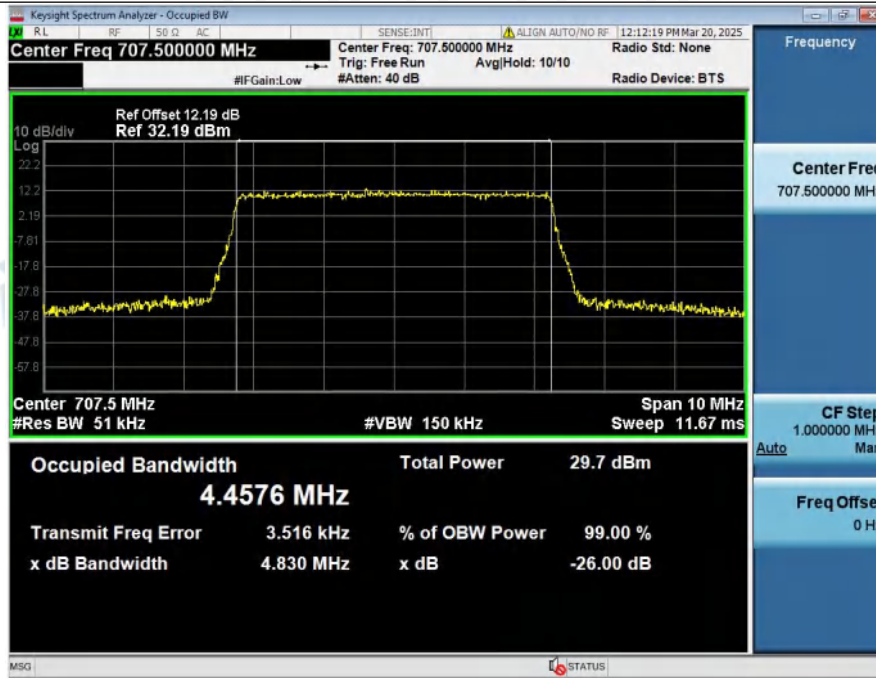
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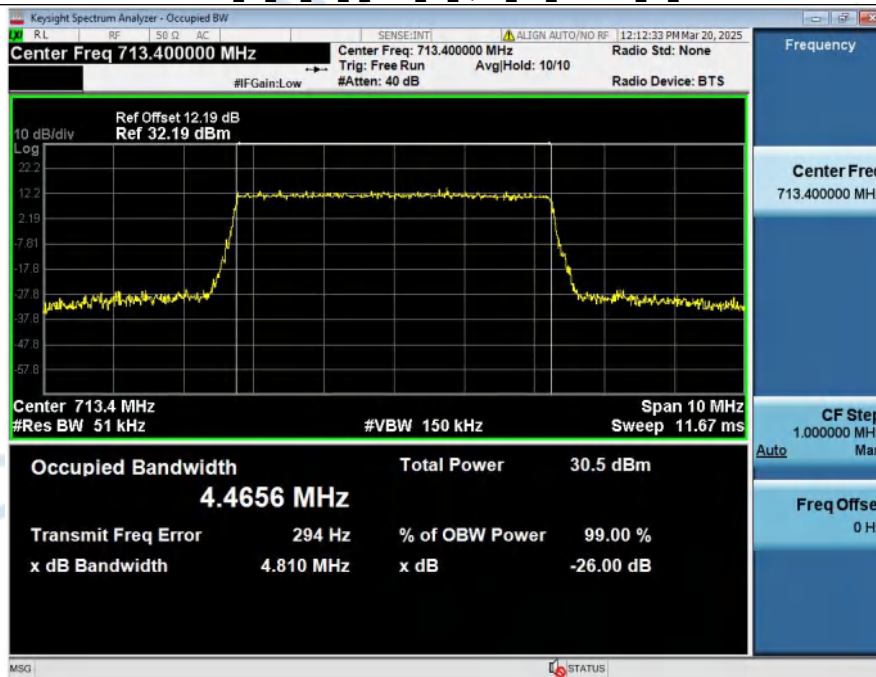
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SA\_65\_NT\_NV\_0\_Band\_12\_16QAM\_5M\_CH23095\_25\_0



SA\_65\_NT\_NV\_0\_Band\_12\_QPSK\_5M\_CH23154\_25\_0



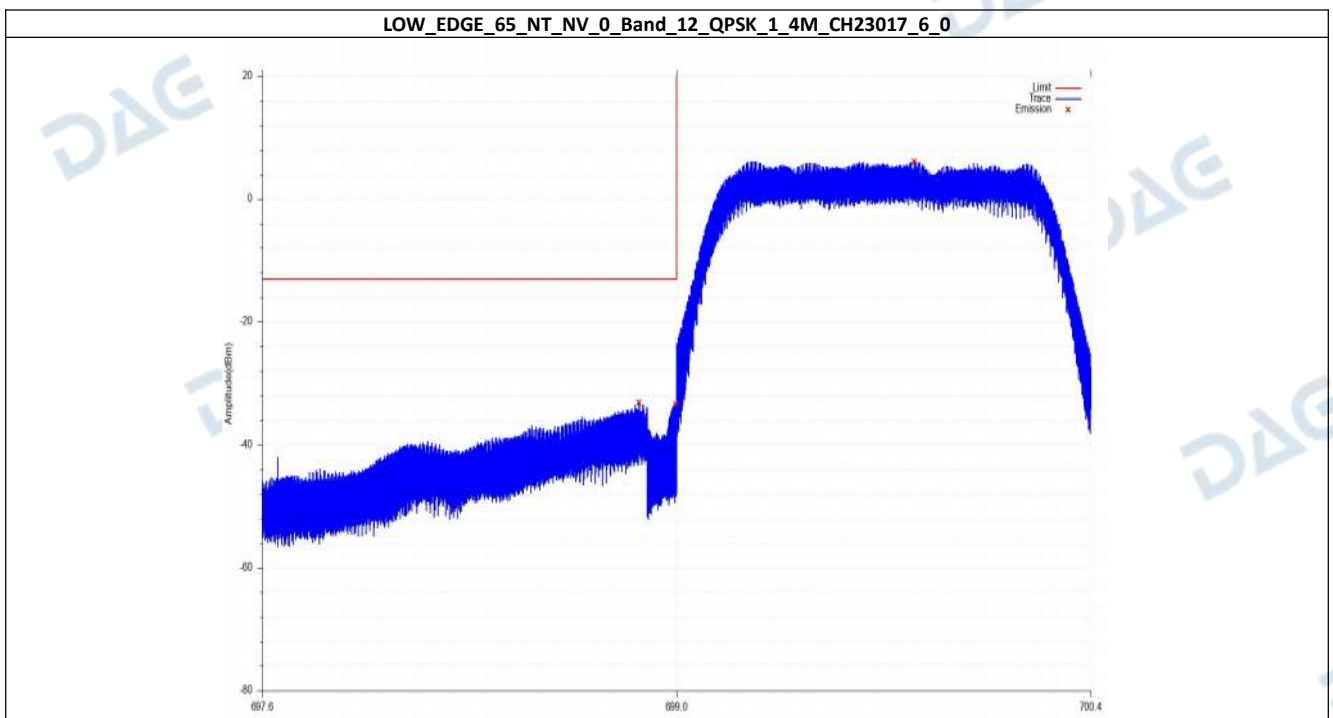
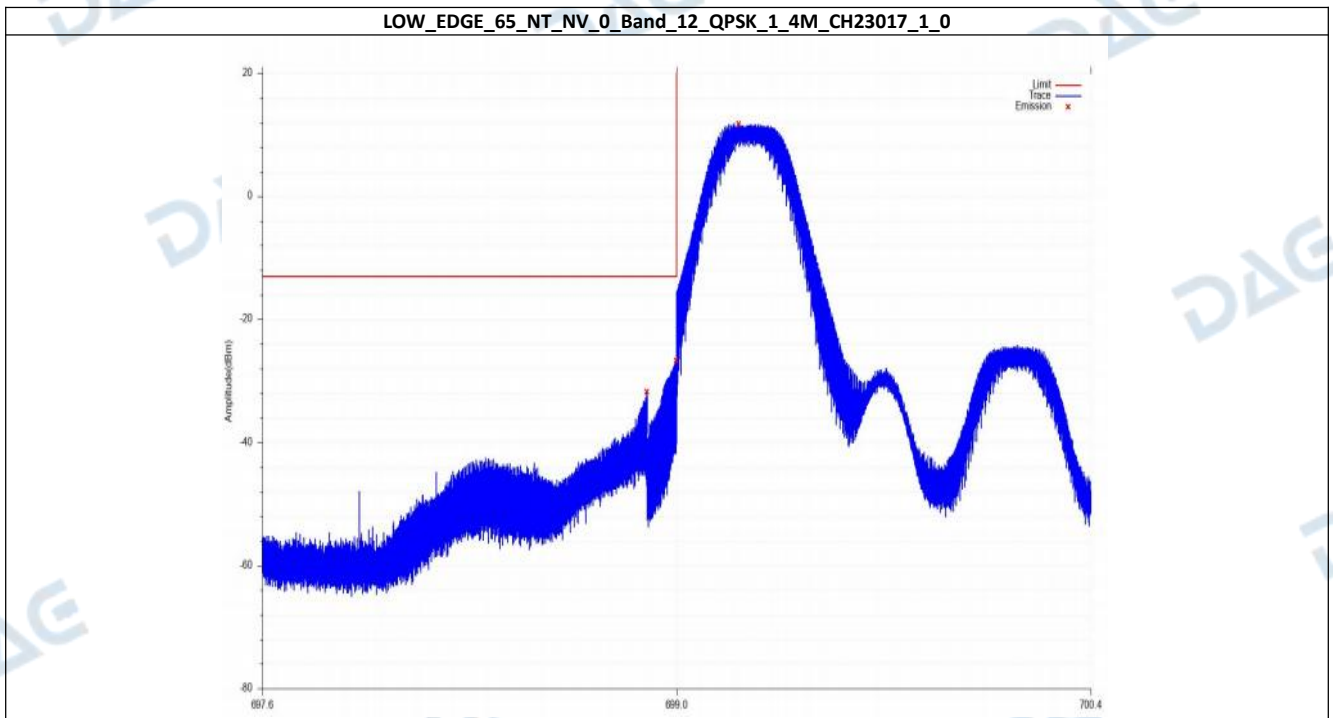


## 5. Unwanted Spurious Emission

| Condition | Band    | Modulation | BW (MHz) | Frequency (MHz) | RB_Size | RBW (kHz) | Test Freq Range(MHz) | Spur Freq (MHz) | Spur Level(dBm) | Limit(dBm) | Result |
|-----------|---------|------------|----------|-----------------|---------|-----------|----------------------|-----------------|-----------------|------------|--------|
| NV_NT     | Band 12 | QPSK       | 1.4M     | 699.7           | 1       | 100       | 697.6~698.9          | 698.900         | -31.69          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 699.7           | 1       | 30        | 698.9~699.0          | 698.997         | -26.61          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 699.7           | 6       | 100       | 697.6~698.9          | 698.872         | -33.07          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 699.7           | 6       | 30        | 698.9~699.0          | 698.996         | -33.37          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 699.7           | 1       | 1         | 0.009~0.150          | 0.009           | -37.63          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 699.7           | 1       | 10        | 0.150~30.000         | 0.164           | -45.71          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 699.7           | 1       | 100       | 30.000~696.200       | 695.312         | -49.94          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 699.7           | 1       | 100       | 718.800~1000.000     | 932.981         | -53.44          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 699.7           | 1       | 1000      | 1000.000~10000.000   | 5786.200        | -42.13          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 699.7           | 1       | 100       | 697.6~698.9          | 698.896         | -29.33          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 699.7           | 1       | 30        | 698.9~699.0          | 698.994         | -22.61          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 699.7           | 6       | 100       | 697.6~698.9          | 698.749         | -31.30          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 699.7           | 6       | 30        | 698.9~699.0          | 699.000         | -30.59          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 699.7           | 1       | 1         | 0.009~0.150          | 0.009           | -37.05          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 699.7           | 1       | 10        | 0.150~30.000         | 0.152           | -45.64          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 699.7           | 1       | 100       | 30.000~696.200       | 696.200         | -50.08          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 699.7           | 1       | 100       | 718.800~1000.000     | 948.381         | -53.63          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 699.7           | 1       | 1000      | 1000.000~10000.000   | 5815.300        | -41.81          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 707.5           | 6       | 1         | 0.009~0.150          | 0.009           | -36.24          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 707.5           | 6       | 10        | 0.150~30.000         | 0.180           | -43.72          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 707.5           | 6       | 100       | 30.000~697.600       | 588.470         | -53.37          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 707.5           | 6       | 100       | 717.400~1000.000     | 805.778         | -53.64          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 707.5           | 6       | 1000      | 1000.000~10000.000   | 7095.700        | -41.93          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 707.5           | 6       | 1         | 0.009~0.150          | 0.012           | -37.14          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 707.5           | 6       | 10        | 0.150~30.000         | 0.157           | -45.12          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 707.5           | 6       | 100       | 30.000~697.600       | 491.312         | -53.15          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 707.5           | 6       | 100       | 717.400~1000.000     | 758.857         | -53.19          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 707.5           | 6       | 1000      | 1000.000~10000.000   | 3640.300        | -42.01          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 715.3           | 1       | 30        | 716.0~716.1          | 716.002         | -26.25          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 715.3           | 1       | 100       | 716.1~717.4          | 716.105         | -31.30          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 715.3           | 6       | 30        | 716.0~716.1          | 716.002         | -34.19          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 715.3           | 6       | 100       | 716.1~717.4          | 716.175         | -31.60          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 715.3           | 1       | 1         | 0.009~0.150          | 0.009           | -35.21          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 715.3           | 1       | 10        | 0.150~30.000         | 0.164           | -46.84          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 715.3           | 1       | 100       | 30.000~696.200       | 488.701         | -53.21          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 715.3           | 1       | 100       | 718.800~1000.000     | 719.137         | -49.95          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M     | 715.3           | 1       | 1000      | 1000.000~10000.000   | 3664.600        | -41.63          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 715.3           | 1       | 30        | 716.0~716.1          | 716.001         | -27.01          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 715.3           | 1       | 100       | 716.1~717.4          | 716.101         | -26.59          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 715.3           | 6       | 30        | 716.0~716.1          | 716.001         | -32.86          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 715.3           | 6       | 100       | 716.1~717.4          | 716.126         | -30.95          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 715.3           | 1       | 1         | 0.009~0.150          | 0.009           | -36.44          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 715.3           | 1       | 10        | 0.150~30.000         | 0.151           | -42.72          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 715.3           | 1       | 100       | 30.000~696.200       | 446.153         | -53.11          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 715.3           | 1       | 100       | 718.800~1000.000     | 718.969         | -52.07          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M     | 715.3           | 1       | 1000      | 1000.000~10000.000   | 5830.900        | -41.95          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M       | 700.5           | 15      | 100       | 696.0~698.9          | 698.889         | -34.52          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M       | 700.5           | 15      | 30        | 698.9~699.0          | 699.000         | -33.87          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M       | 700.5           | 1       | 100       | 696.0~698.9          | 698.900         | -29.12          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M       | 700.5           | 1       | 30        | 698.9~699.0          | 699.000         | -24.14          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M       | 700.5           | 1       | 1         | 0.009~0.150          | 0.010           | -35.96          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M       | 700.5           | 1       | 10        | 0.150~30.000         | 0.153           | -45.22          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M       | 700.5           | 1       | 100       | 30.000~693.000       | 473.702         | -52.63          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M       | 700.5           | 1       | 100       | 722.000~1000.000     | 913.486         | -53.50          | -13        | Pass   |
| NV_NT     | Band 12 | QPSK       | 3M       | 700.5           | 1       | 1000      | 1000.000~10000.000   | 5794.600        | -41.93          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M       | 700.5           | 15      | 100       | 696.0~698.9          | 698.884         | -35.90          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M       | 700.5           | 15      | 30        | 698.9~699.0          | 698.999         | -33.63          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M       | 700.5           | 1       | 100       | 696.0~698.9          | 698.891         | -29.68          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M       | 700.5           | 1       | 30        | 698.9~699.0          | 698.993         | -21.57          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M       | 700.5           | 1       | 1         | 0.009~0.150          | 0.011           | -36.17          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M       | 700.5           | 1       | 10        | 0.150~30.000         | 0.150           | -46.45          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M       | 700.5           | 1       | 100       | 30.000~693.000       | 674.613         | -52.89          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M       | 700.5           | 1       | 100       | 722.000~1000.000     | 949.423         | -53.23          | -13        | Pass   |
| NV_NT     | Band 12 | 16QAM      | 3M       | 700.5           | 1       | 1000      | 1000.000~10000.000   | 5778.100        | -42.00          | -13        | Pass   |

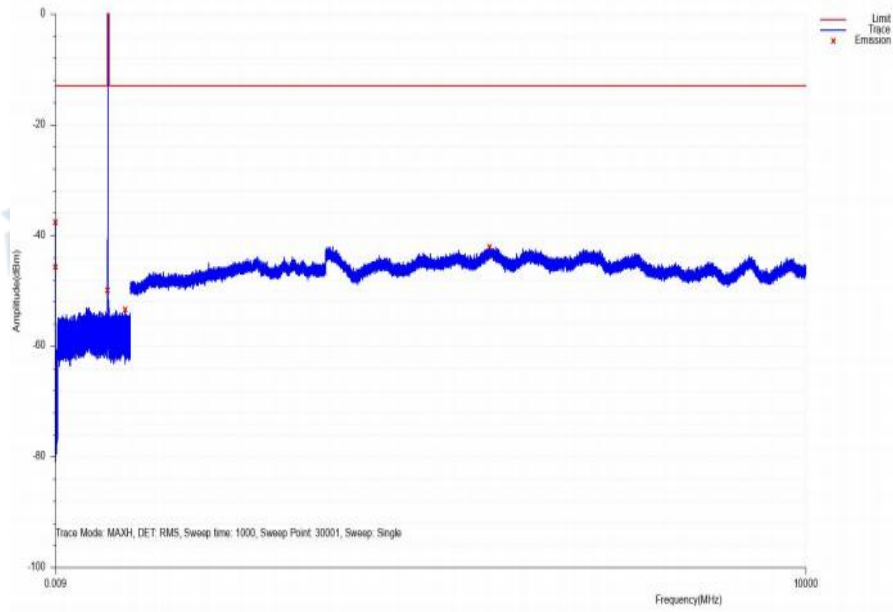
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|-------|---------|-------|----|-------|----|------|--------------------|----------|--------|-----|------|
| NV_NT | Band 12 | QPSK  | 3M | 707.5 | 15 | 1    | 0.009~0.150        | 0.009    | -36.00 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 707.5 | 15 | 10   | 0.150~30.000       | 0.157    | -43.97 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 707.5 | 15 | 100  | 30.000~696.000     | 466.274  | -52.38 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 707.5 | 15 | 100  | 719.000~1000.000   | 816.329  | -53.24 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 707.5 | 15 | 1000 | 1000.000~10000.000 | 5785.000 | -41.94 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 707.5 | 15 | 1    | 0.009~0.150        | 0.010    | -34.80 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 707.5 | 15 | 10   | 0.150~30.000       | 0.152    | -45.64 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 707.5 | 15 | 100  | 30.000~696.000     | 35.350   | -53.47 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 707.5 | 15 | 100  | 719.000~1000.000   | 824.225  | -52.92 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 707.5 | 15 | 1000 | 1000.000~10000.000 | 5757.700 | -42.03 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 714.5 | 15 | 30   | 716.0~716.1        | 716.002  | -68.61 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 714.5 | 15 | 100  | 716.1~719.0        | 716.196  | -66.00 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 714.5 | 1  | 30   | 716.0~716.1        | 716.017  | -48.01 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 714.5 | 1  | 100  | 716.1~719.0        | 716.677  | -43.71 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 714.5 | 1  | 1    | 0.009~0.150        | 0.010    | -34.80 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 714.5 | 1  | 10   | 0.150~30.000       | 0.162    | -43.75 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 714.5 | 1  | 100  | 30.000~693.000     | 431.579  | -53.22 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 714.5 | 1  | 100  | 722.000~1000.000   | 744.444  | -53.41 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 3M | 714.5 | 1  | 1000 | 1000.000~10000.000 | 5779.300 | -41.68 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 15 | 30   | 716.0~716.1        | 716.001  | -35.25 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 15 | 100  | 716.1~719.0        | 716.260  | -36.47 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 1  | 30   | 716.0~716.1        | 716.021  | -47.99 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 1  | 100  | 716.1~719.0        | 716.668  | -42.23 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 1  | 1    | 0.009~0.150        | 0.009    | -34.99 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 1  | 10   | 0.150~30.000       | 0.158    | -45.02 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 1  | 100  | 30.000~693.000     | 444.486  | -52.75 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 1  | 100  | 722.000~1000.000   | 879.561  | -53.59 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 3M | 714.5 | 1  | 1000 | 1000.000~10000.000 | 5819.800 | -41.95 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 1  | 100  | 694.0~698.9        | 698.898  | -25.51 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 1  | 30   | 698.9~699.0        | 698.999  | -21.50 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 25 | 100  | 694.0~698.9        | 698.896  | -37.01 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 25 | 30   | 698.9~699.0        | 698.997  | -36.22 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 1  | 1    | 0.009~0.150        | 0.010    | -36.36 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 1  | 10   | 0.150~30.000       | 0.151    | -45.56 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 1  | 100  | 30.000~689.000     | 358.555  | -53.38 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 1  | 100  | 726.000~1000.000   | 784.736  | -53.62 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 701.5 | 1  | 1000 | 1000.000~10000.000 | 5820.700 | -41.61 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 1  | 100  | 694.0~698.9        | 698.897  | -26.15 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 1  | 30   | 698.9~699.0        | 699.000  | -23.46 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 25 | 100  | 694.0~698.9        | 698.883  | -38.91 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 25 | 30   | 698.9~699.0        | 698.997  | -36.65 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 1  | 1    | 0.009~0.150        | 0.010    | -36.77 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 1  | 10   | 0.150~30.000       | 0.156    | -42.64 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 1  | 100  | 30.000~689.000     | 639.553  | -52.34 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 1  | 100  | 726.000~1000.000   | 895.743  | -52.23 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 701.5 | 1  | 1000 | 1000.000~10000.000 | 5809.600 | -41.81 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 25 | 1    | 0.009~0.150        | 0.010    | -35.71 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 25 | 10   | 0.150~30.000       | 0.155    | -42.54 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 25 | 100  | 30.000~694.000     | 693.712  | -49.65 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 25 | 100  | 721.000~1000.000   | 721.474  | -51.68 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 707.5 | 25 | 1000 | 1000.000~10000.000 | 5825.500 | -41.89 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 25 | 1    | 0.009~0.150        | 0.009    | -35.06 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 25 | 10   | 0.150~30.000       | 0.169    | -44.90 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 25 | 100  | 30.000~694.000     | 429.817  | -53.05 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 25 | 100  | 721.000~1000.000   | 721.670  | -53.27 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 707.5 | 25 | 1000 | 1000.000~10000.000 | 5798.500 | -41.44 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 1  | 30   | 716.0~716.1        | 716.003  | -32.25 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 1  | 100  | 716.1~721.0        | 716.100  | -33.98 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 25 | 30   | 716.0~716.1        | 716.010  | -41.85 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 25 | 100  | 716.1~721.0        | 716.430  | -38.74 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 1  | 1    | 0.009~0.150        | 0.009    | -36.60 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 1  | 10   | 0.150~30.000       | 0.157    | -42.95 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 1  | 100  | 30.000~689.000     | 368.792  | -53.21 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 1  | 100  | 726.000~1000.000   | 904.721  | -53.49 | -13 | Pass |
| NV_NT | Band 12 | QPSK  | 5M | 713.4 | 1  | 1000 | 1000.000~10000.000 | 5800.900 | -42.03 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 1  | 30   | 716.0~716.1        | 716.001  | -31.45 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 1  | 100  | 716.1~721.0        | 716.104  | -34.94 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 25 | 30   | 716.0~716.1        | 716.005  | -41.65 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 25 | 100  | 716.1~721.0        | 716.500  | -41.14 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 1  | 1    | 0.009~0.150        | 0.010    | -35.40 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 1  | 10   | 0.150~30.000       | 0.167    | -43.04 | -13 | Pass |

|       |         |       |    |       |   |      |                    |          |        |     |      |
|-------|---------|-------|----|-------|---|------|--------------------|----------|--------|-----|------|
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 1 | 100  | 30.000~689.000     | 413.999  | -53.09 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 1 | 100  | 726.000~1000.000   | 878.591  | -53.20 | -13 | Pass |
| NV_NT | Band 12 | 16QAM | 5M | 713.4 | 1 | 1000 | 1000.000~10000.000 | 5780.200 | -41.99 | -13 | Pass |

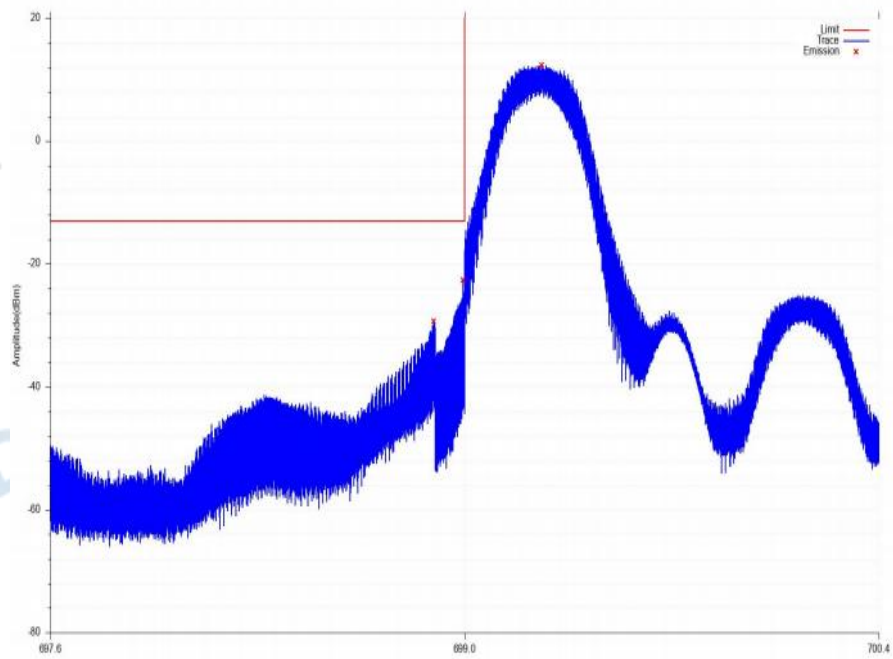


SA\_65\_NT\_NV\_0\_Band\_12\_QPSK\_1\_4M\_CH23017\_1\_0

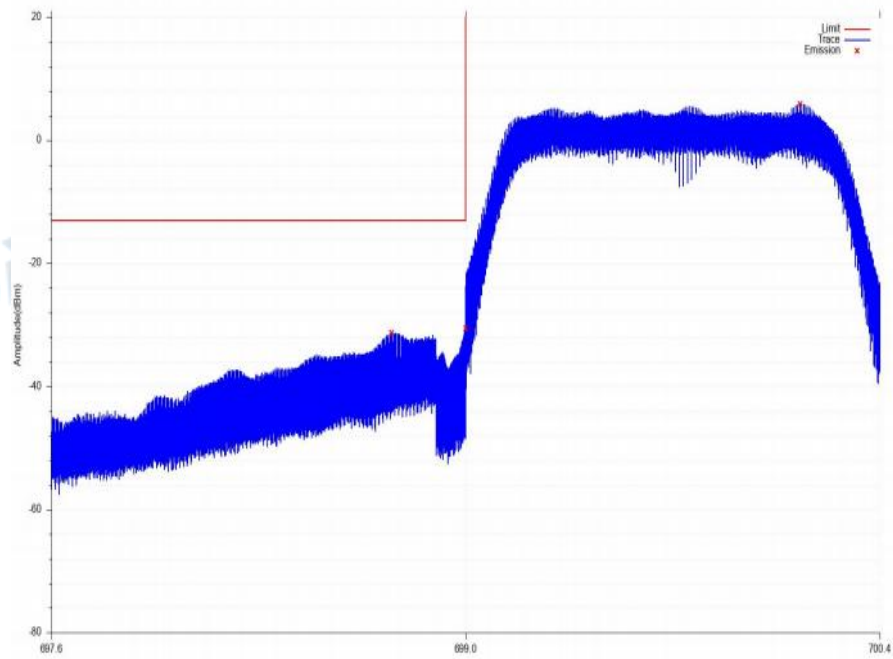
Unwanted spurious emissions



LOW\_EDGE\_65\_NT\_NV\_0\_Band\_12\_16QAM\_1\_4M\_CH23017\_1\_0

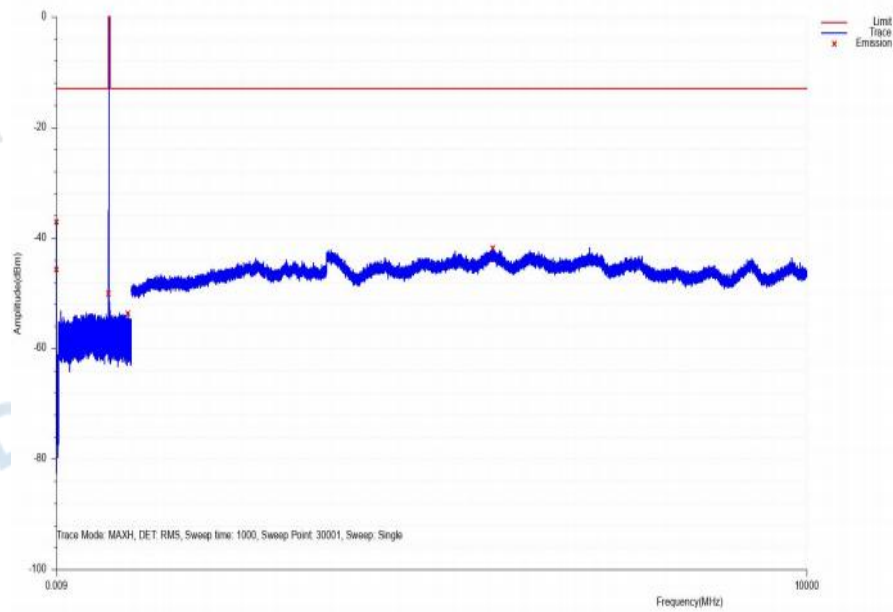


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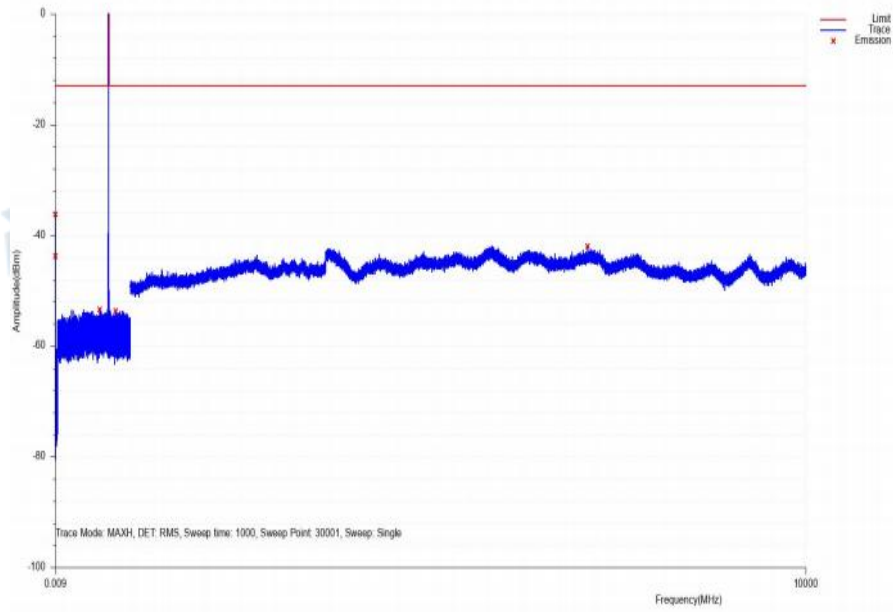
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Unwanted spurious emissions



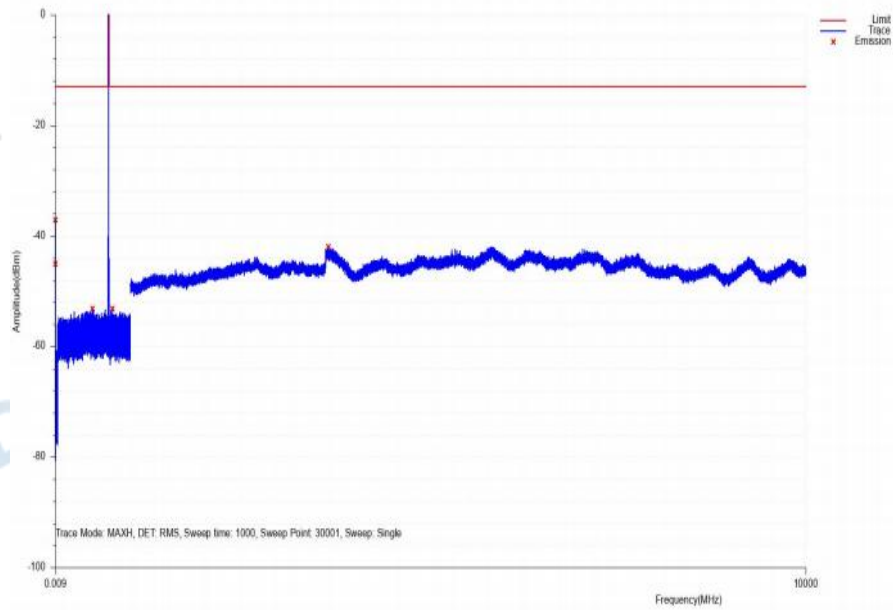
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Unwanted spurious emissions

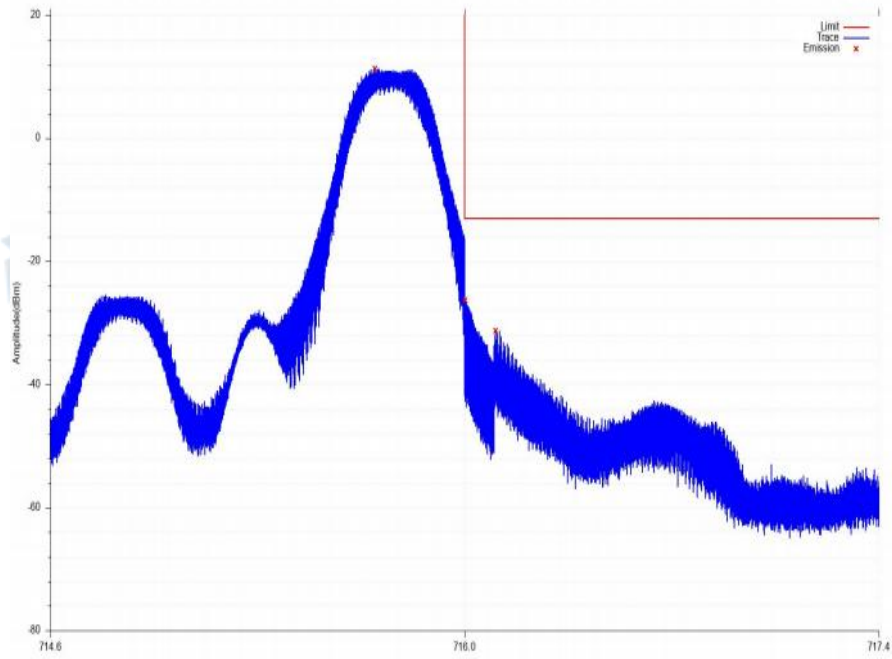


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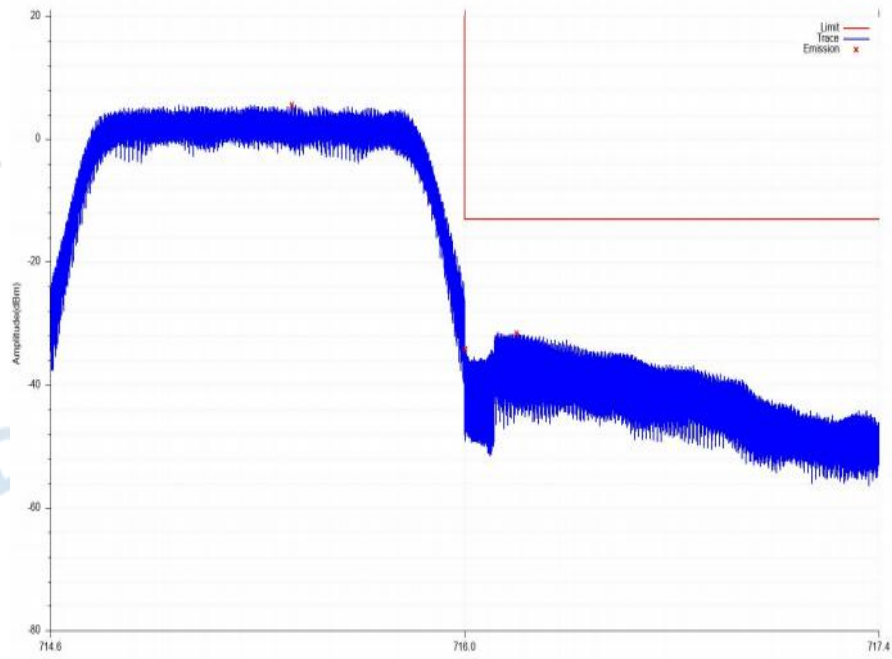
Unwanted spurious emissions



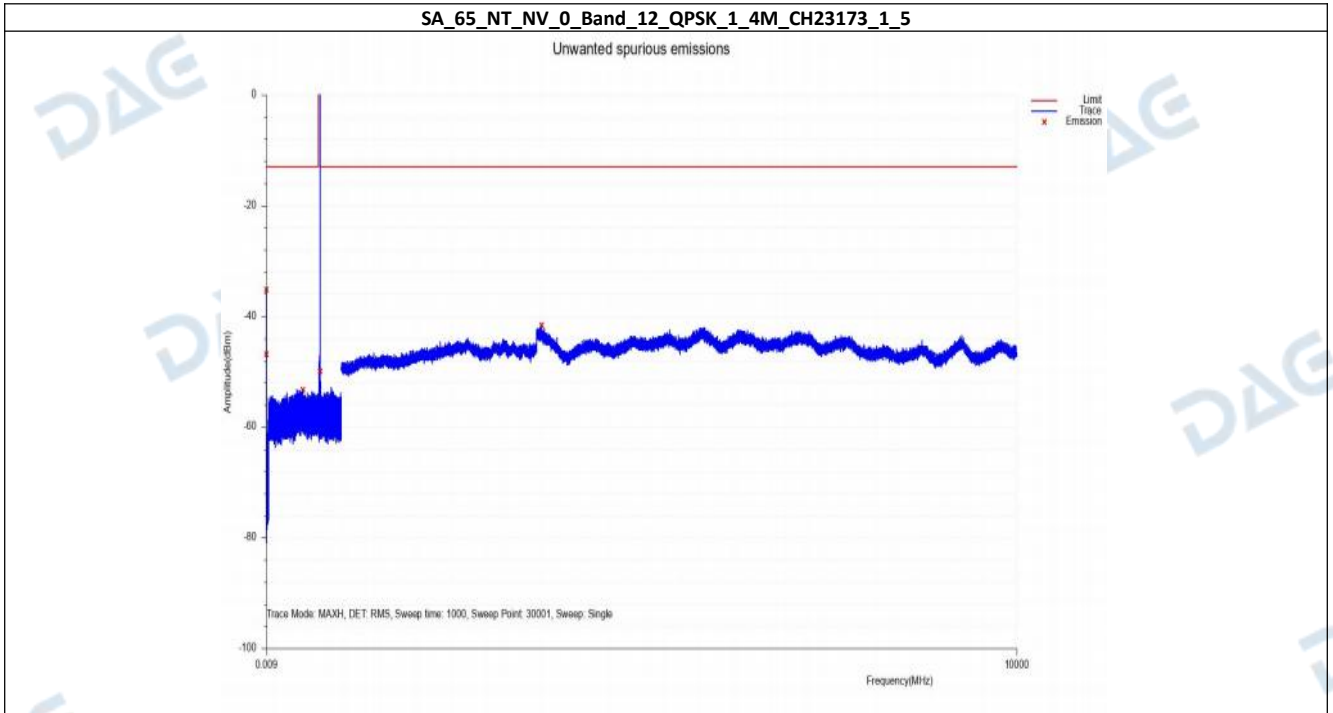
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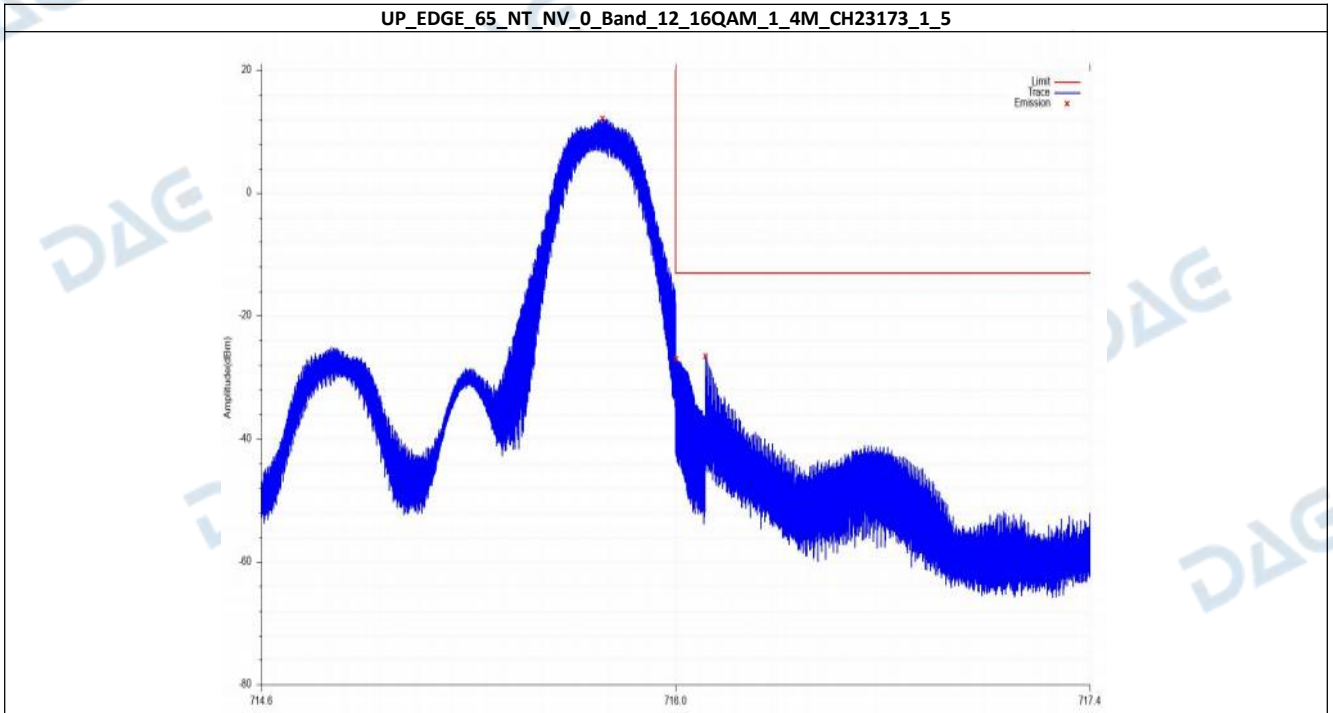
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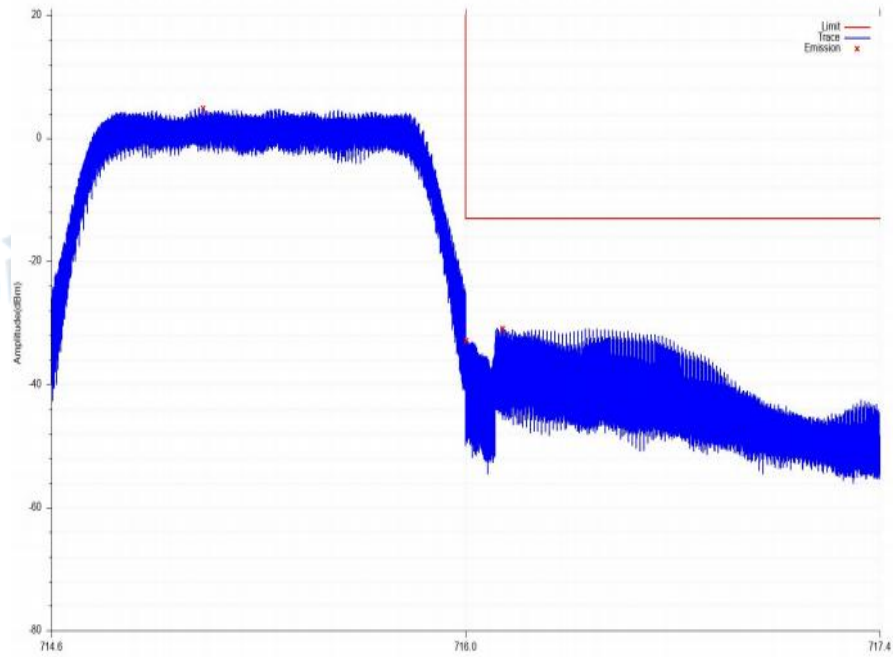
SA\_65\_NT\_NV\_0\_Band\_12\_QPSK\_1\_4M\_CH23173\_1\_5



UP\_EDGE\_65\_NT\_NV\_0\_Band\_12\_16QAM\_1\_4M\_CH23173\_1\_5

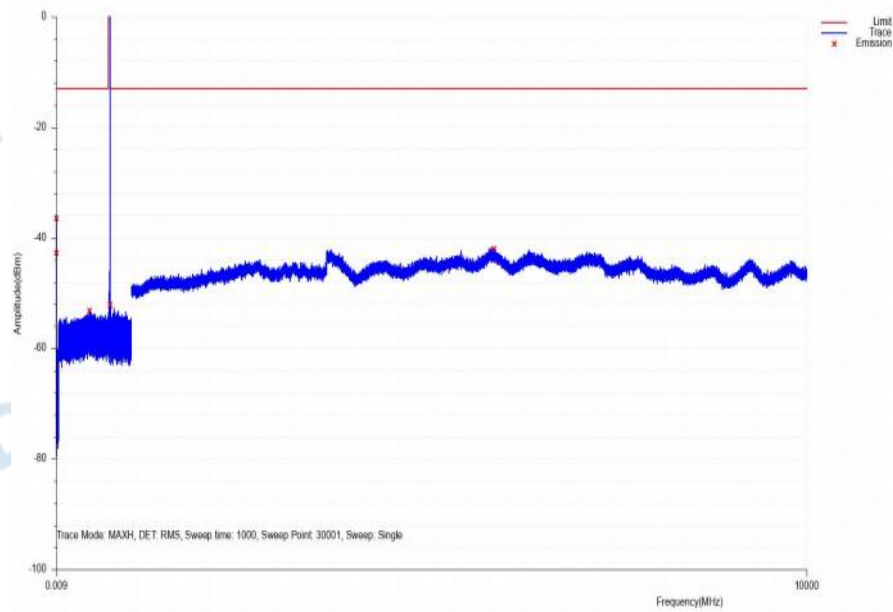


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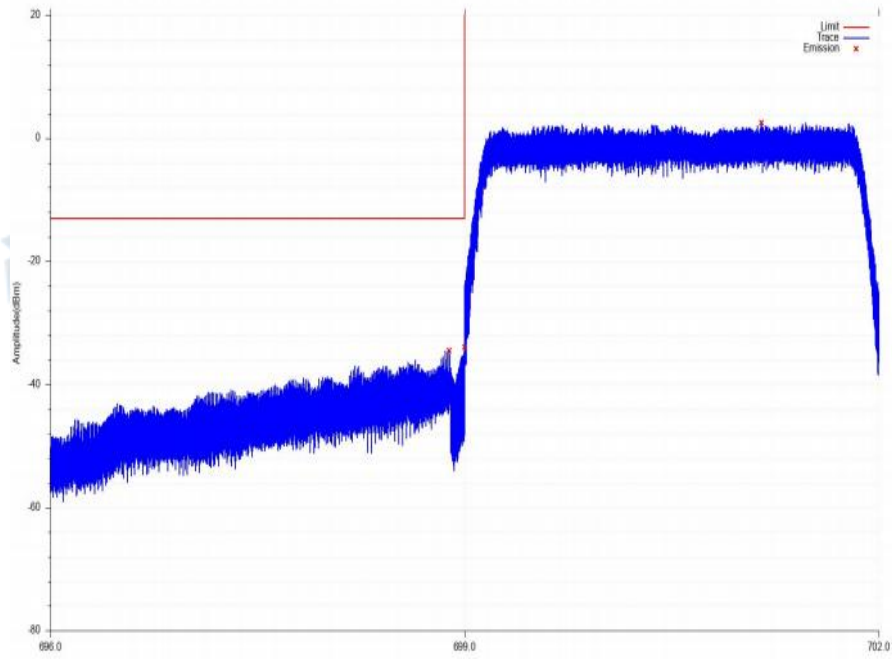


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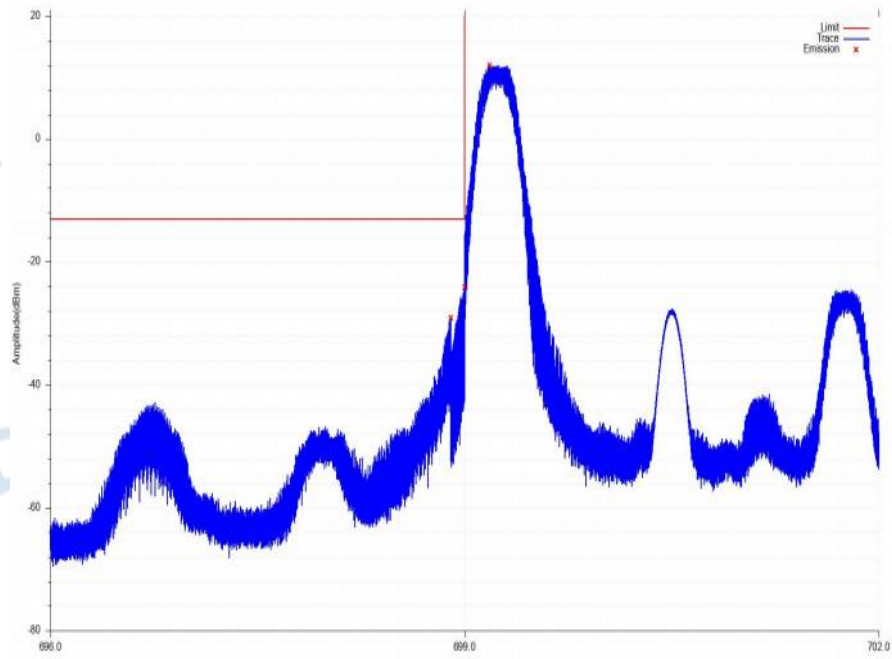
Unwanted spurious emissions



LOW\_EDGE\_65\_NT\_NV\_0\_Band\_12\_QPSK\_3M\_CH23025\_15\_0

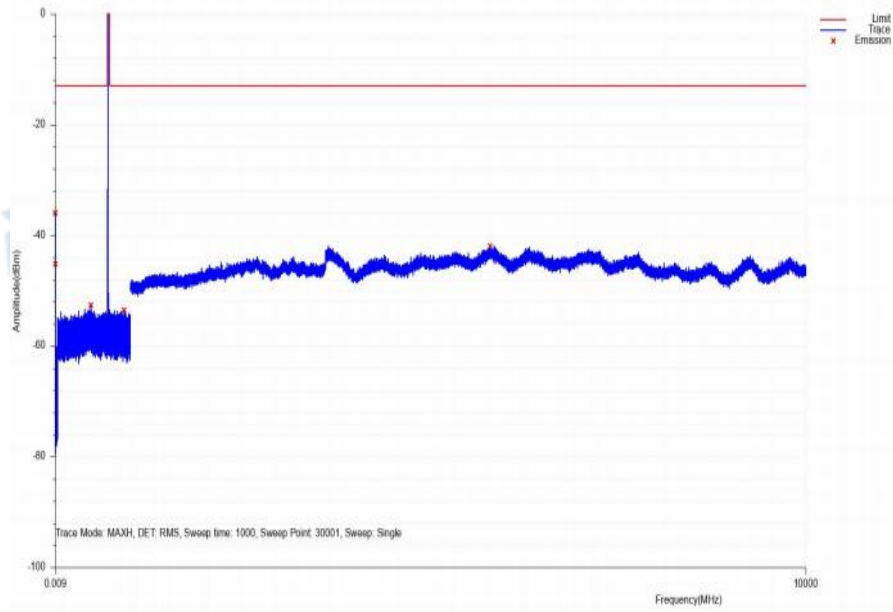


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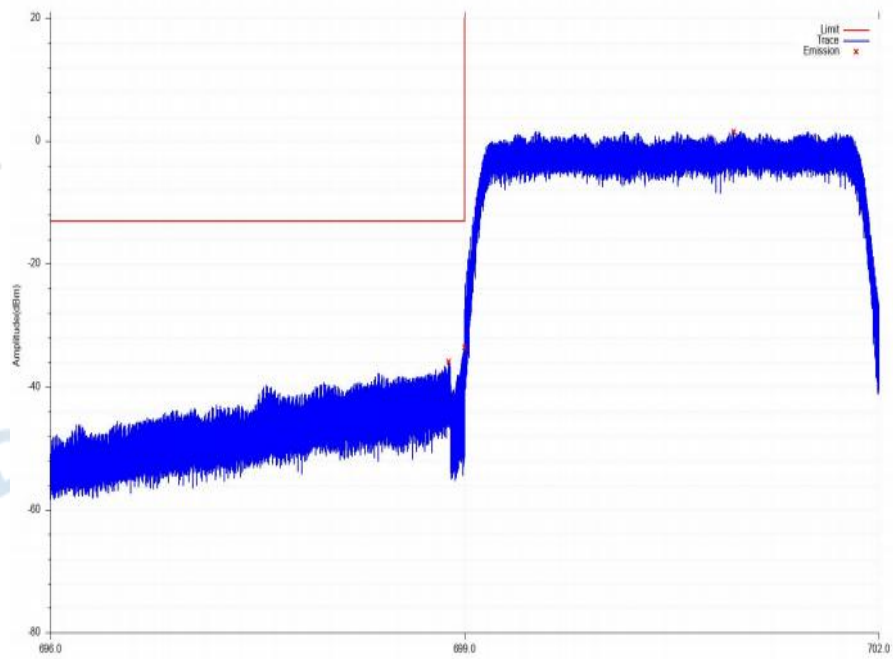


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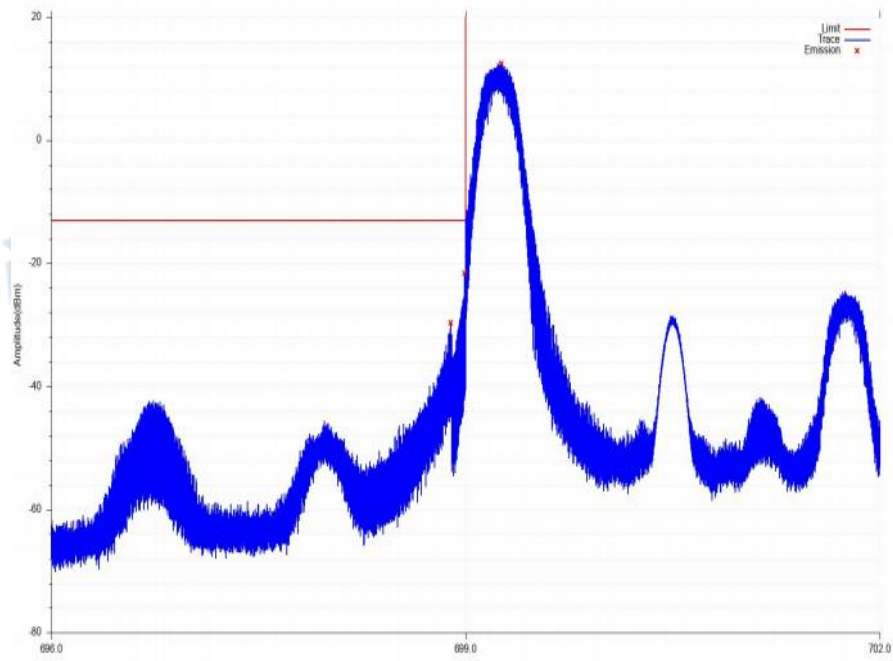
Unwanted spurious emissions



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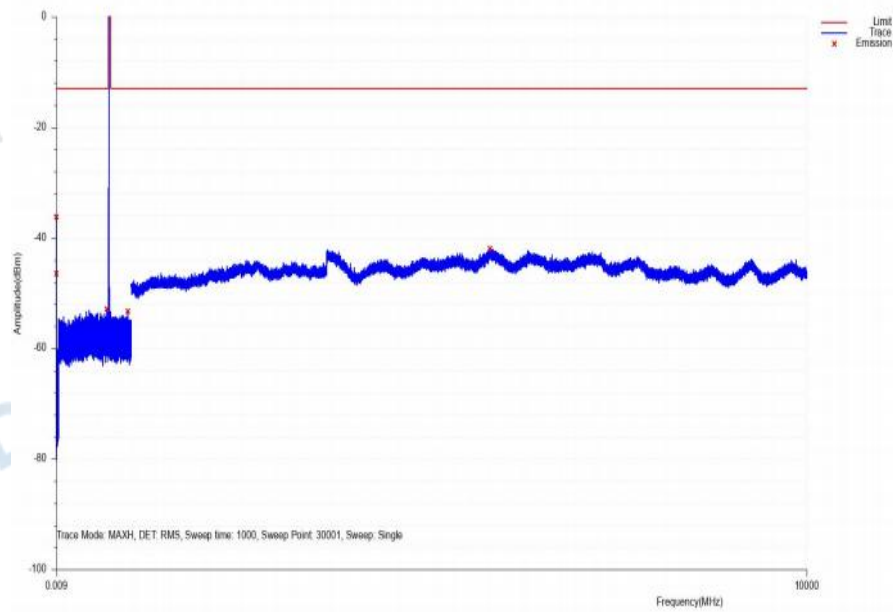


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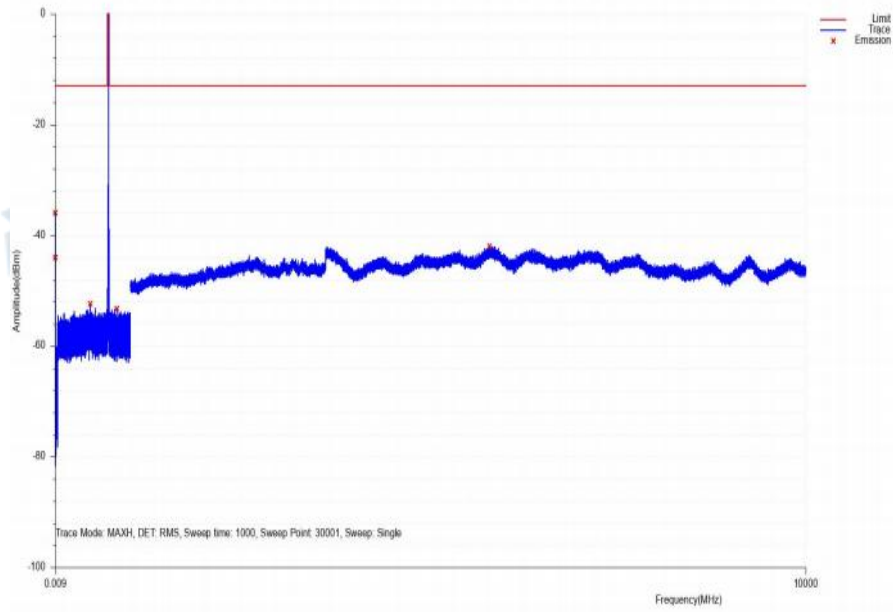
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Unwanted spurious emissions



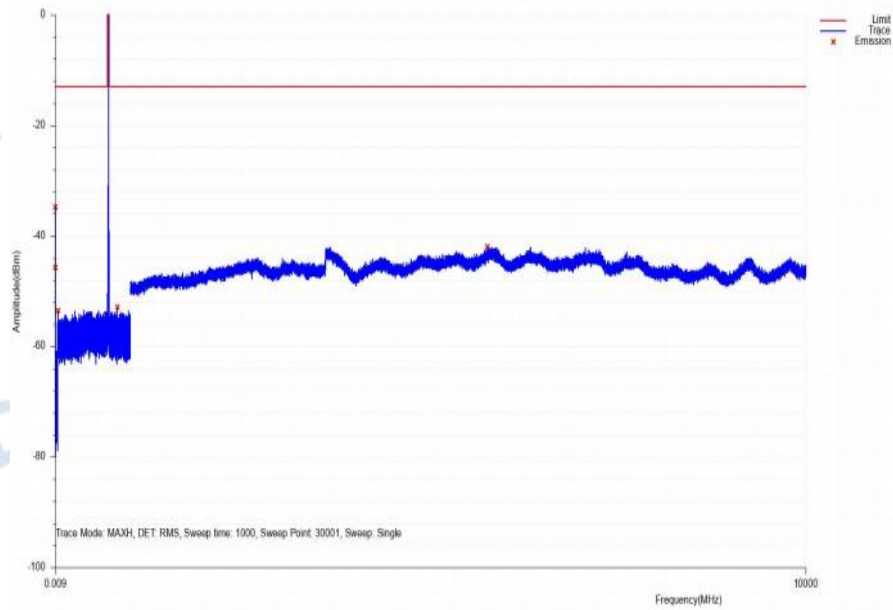
SA\_65\_NT\_NV\_0\_Band\_12\_QPSK\_3M\_CH23095\_15\_0

Unwanted spurious emissions

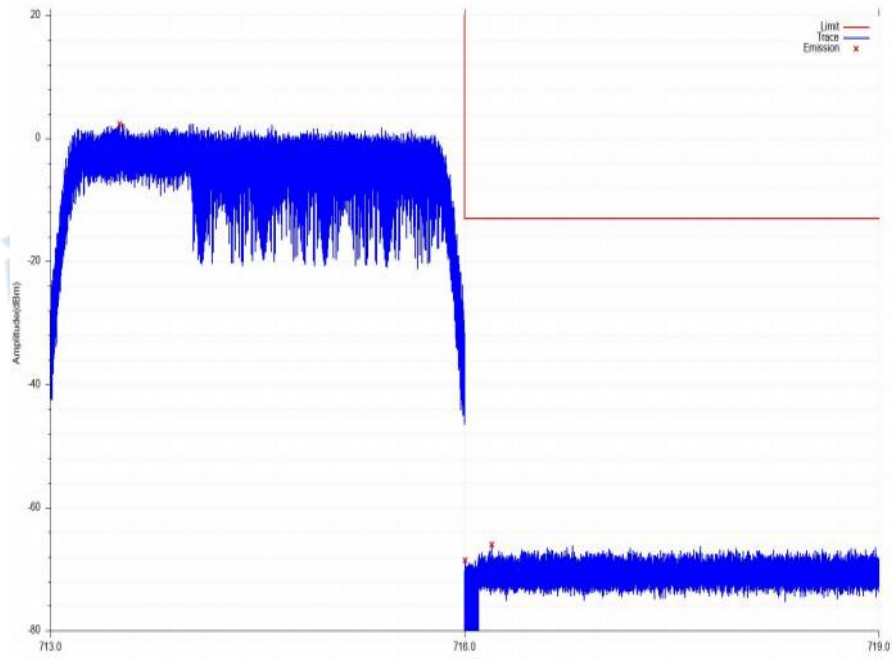


SA\_65\_NT\_NV\_0\_Band\_12\_16QAM\_3M\_CH23095\_15\_0

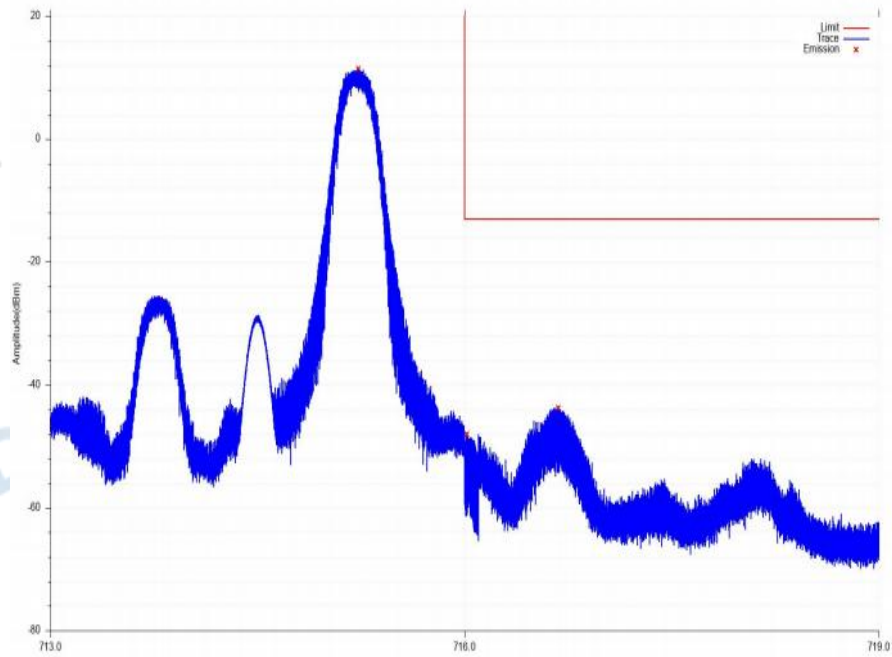
Unwanted spurious emissions



UP\_EDGE\_65\_NT\_NV\_0\_Band\_12\_QPSK\_3M\_CH23165\_15\_0

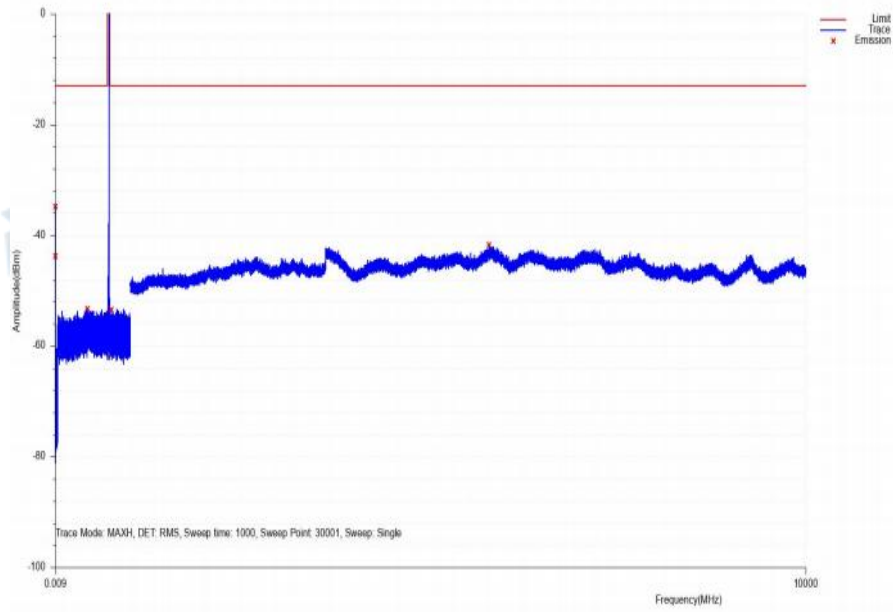


UP\_EDGE\_65\_NT\_NV\_0\_Band\_12\_QPSK\_3M\_CH23165\_1\_11

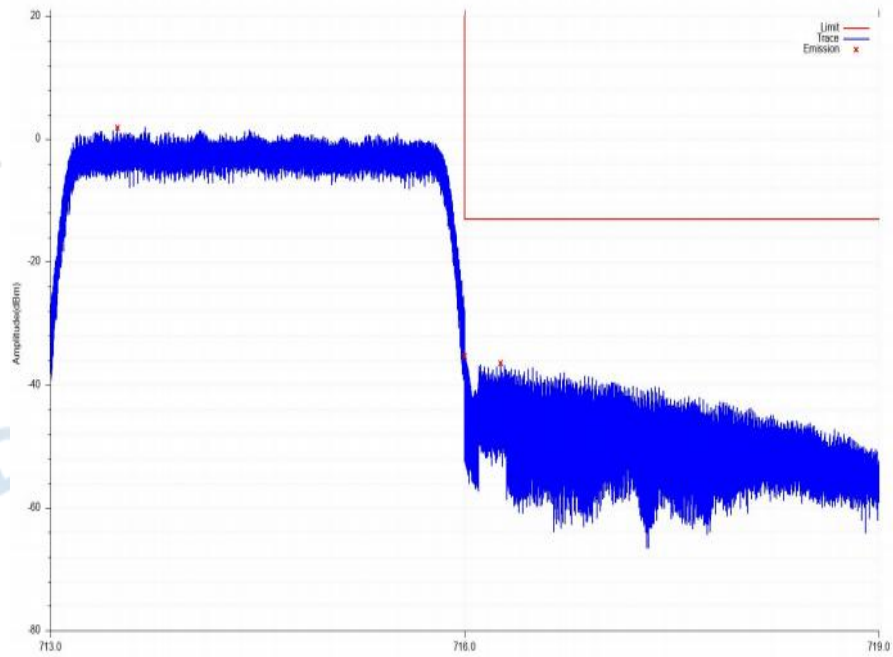


# SA\_65\_NT\_NV\_0\_Band\_12\_QPSK\_3M\_CH23165\_1\_11

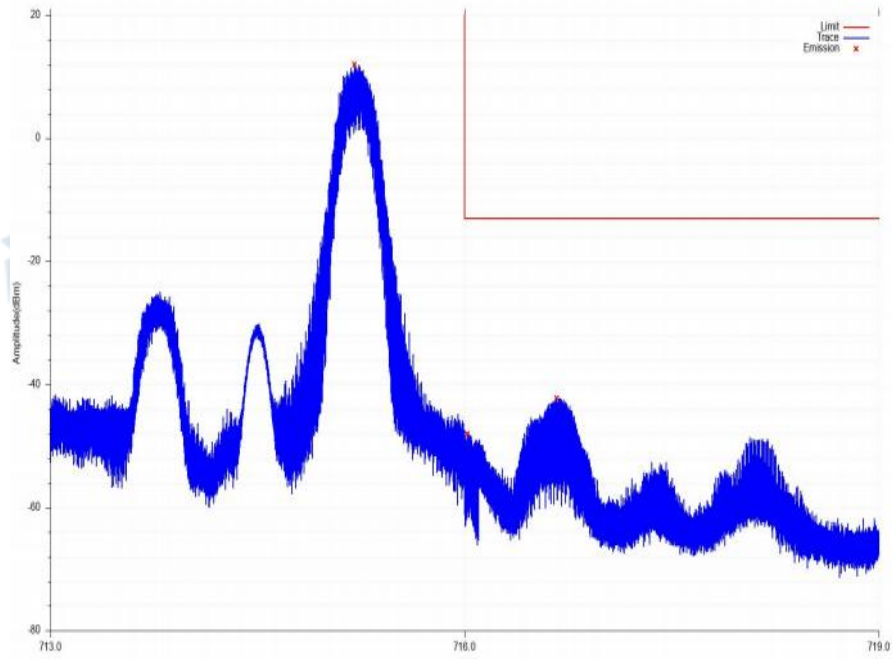
Unwanted spurious emissions



# UP\_EDGE\_65\_NT\_NV\_0\_Band\_12\_16QAM\_3M\_CH23165\_15\_0

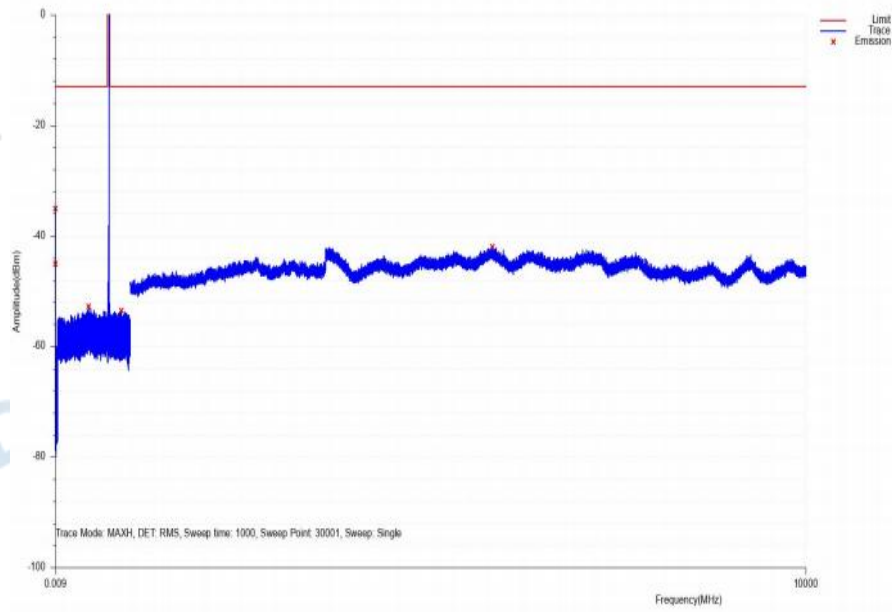


UP\_EDGE\_65\_NT\_NV\_0\_Band\_12\_16QAM\_3M\_CH23165\_1\_11

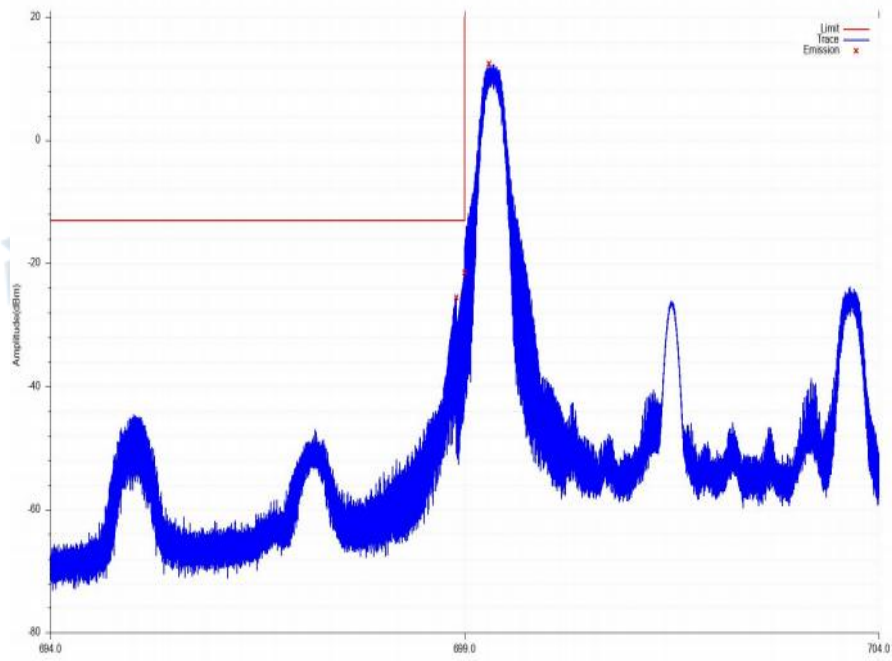


SA\_65\_NT\_NV\_0\_Band\_12\_16QAM\_3M\_CH23165\_1\_11

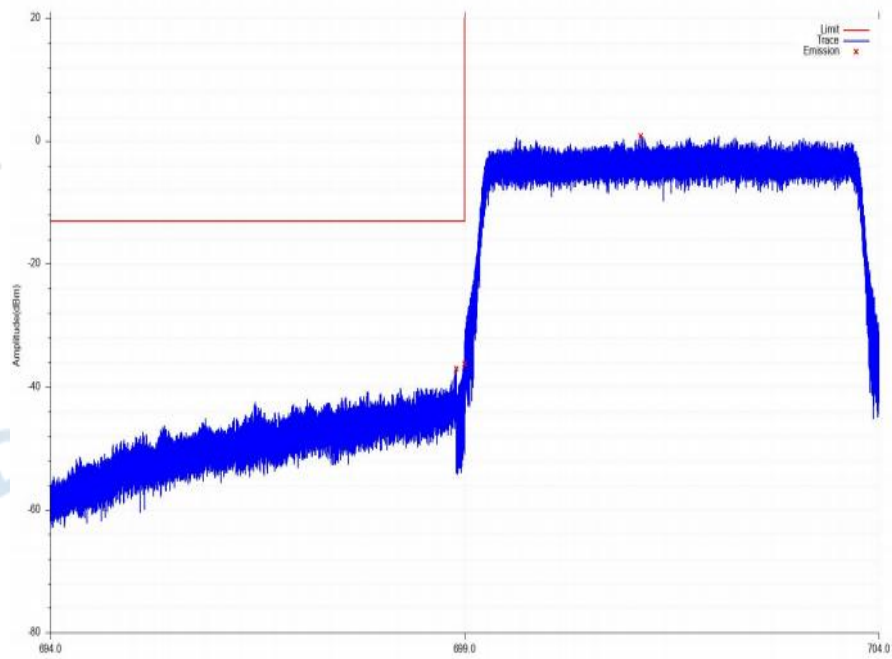
Unwanted spurious emissions



LOW\_EDGE\_65\_NT\_NV\_0\_Band\_12\_QPSK\_5M\_CH23035\_1\_0

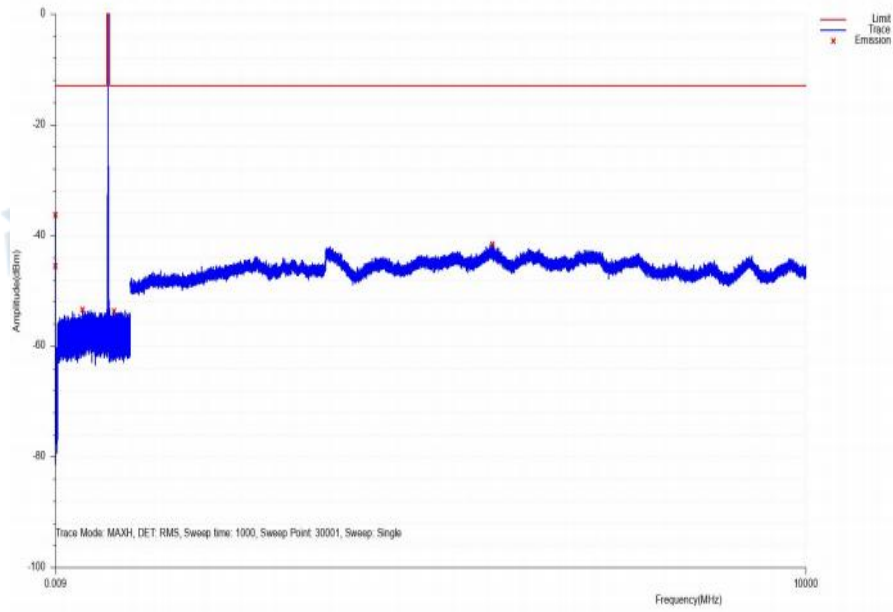


LOW\_EDGE\_65\_NT\_NV\_0\_Band\_12\_QPSK\_5M\_CH23035\_25\_0

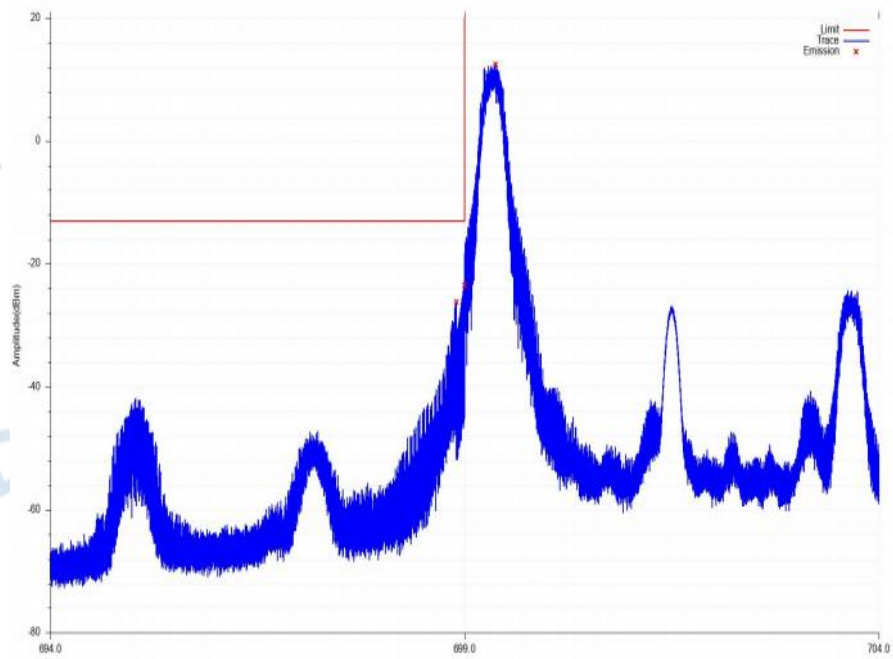


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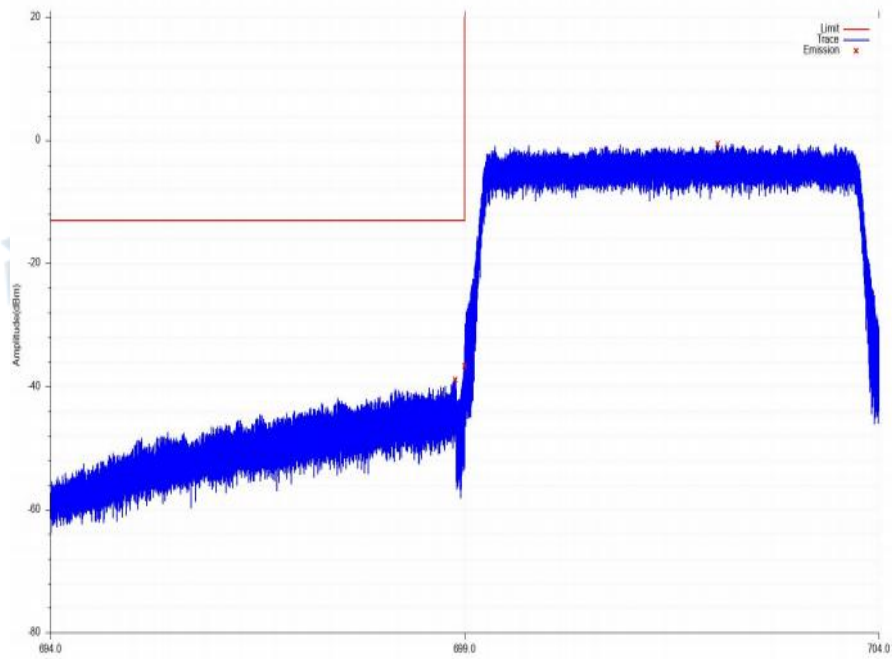
Unwanted spurious emissions



# LOW\_EDGE\_65\_NT\_NV\_0\_Band\_12\_16QAM\_5M\_CH23035\_1\_0

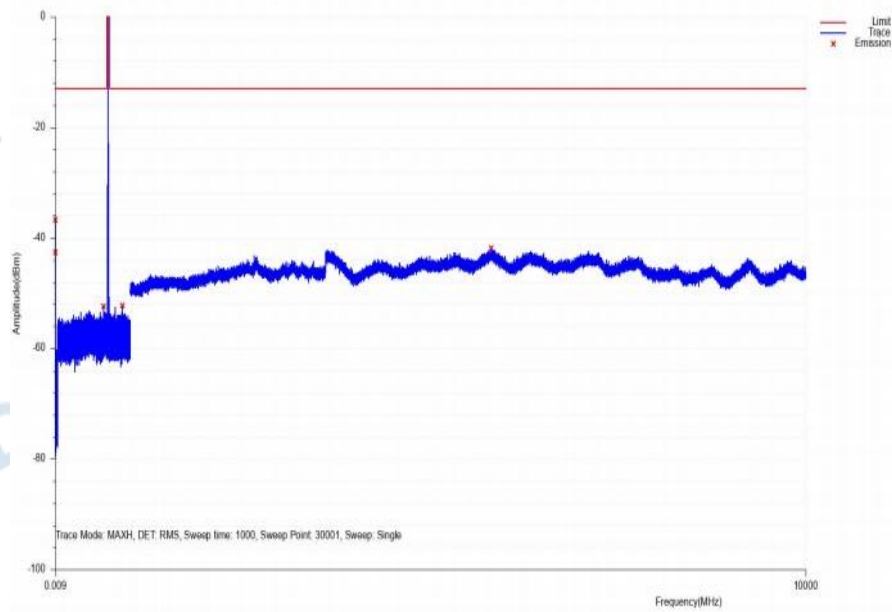


LOW\_EDGE\_65\_NT\_NV\_0\_Band\_12\_16QAM\_5M\_CH23035\_25\_0



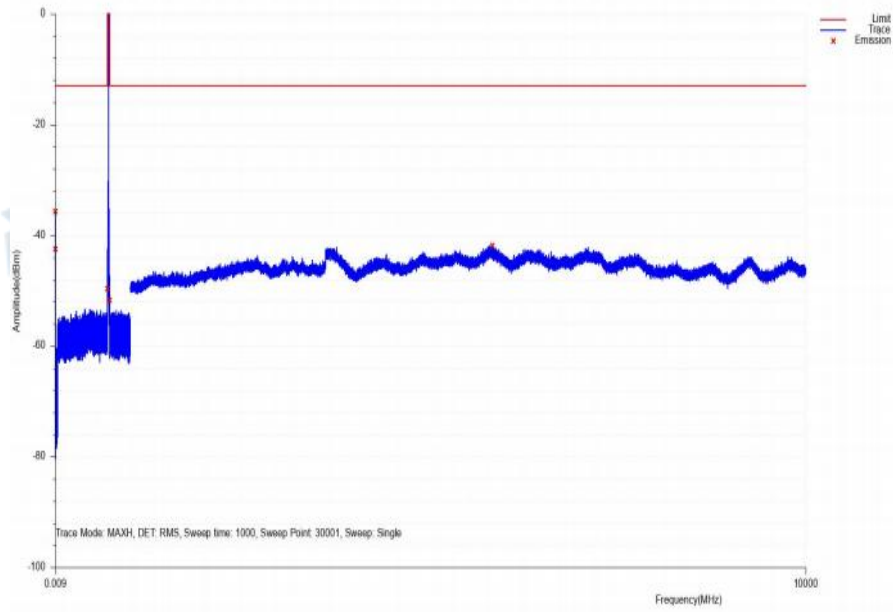
SA\_65\_NT\_NV\_0\_Band\_12\_16QAM\_5M\_CH23035\_1\_0

Unwanted spurious emissions



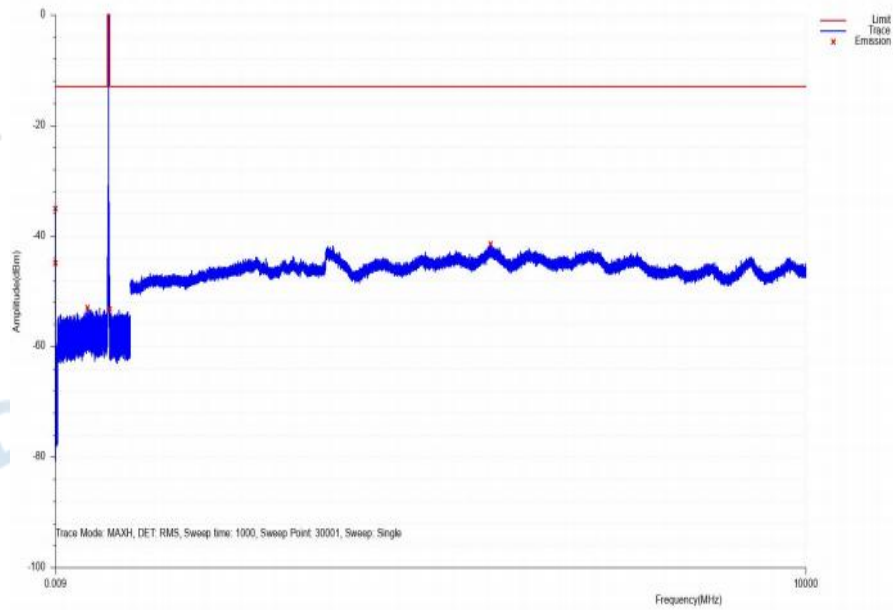
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Unwanted spurious emissions

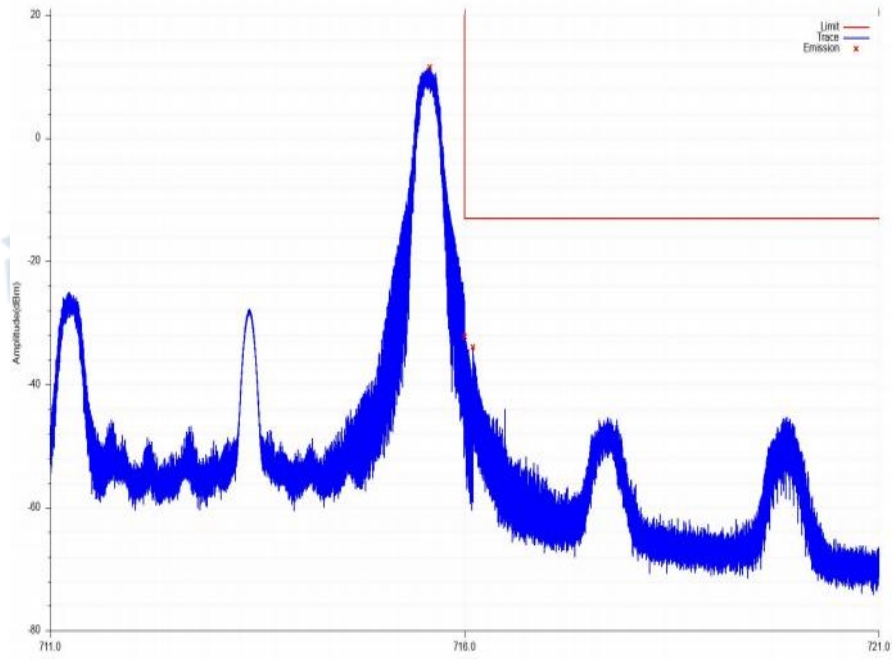


SA\_65\_NT\_NV\_0\_Band\_12\_16QAM\_5M\_CH23095\_25\_0

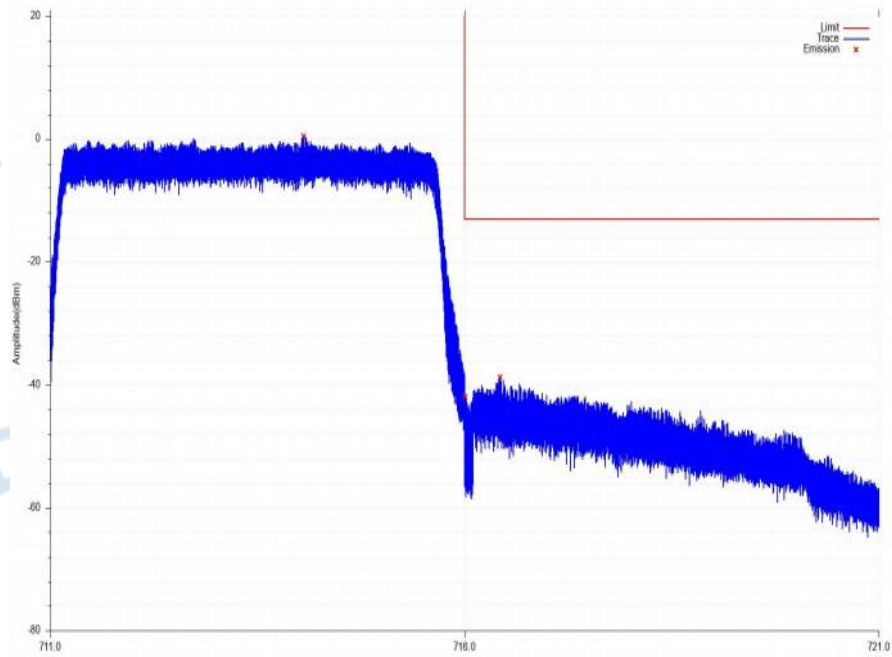
Unwanted spurious emissions



UP\_EDGE\_65\_NT\_NV\_0\_Band\_12\_QPSK\_5M\_CH23154\_1\_24

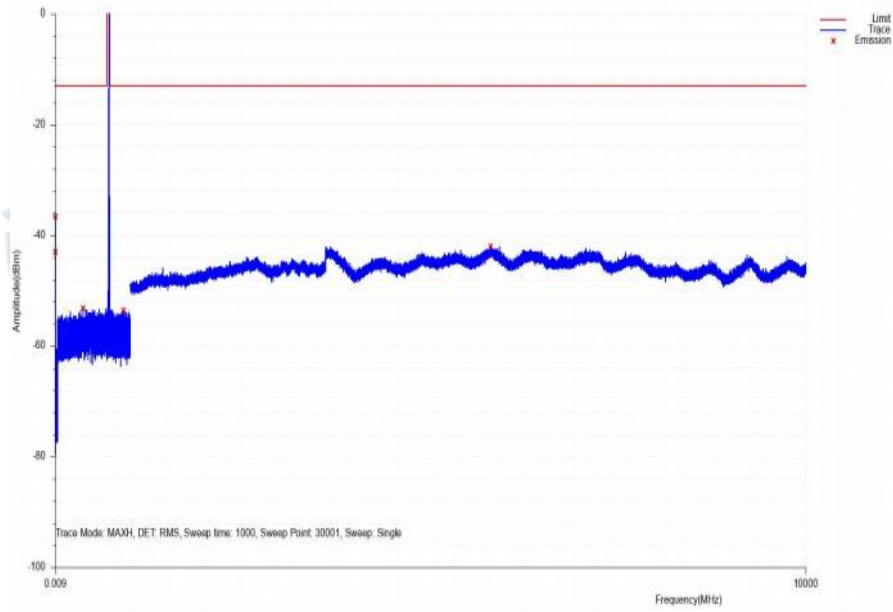


UP\_EDGE\_65\_NT\_NV\_0\_Band\_12\_QPSK\_5M\_CH23154\_25\_0

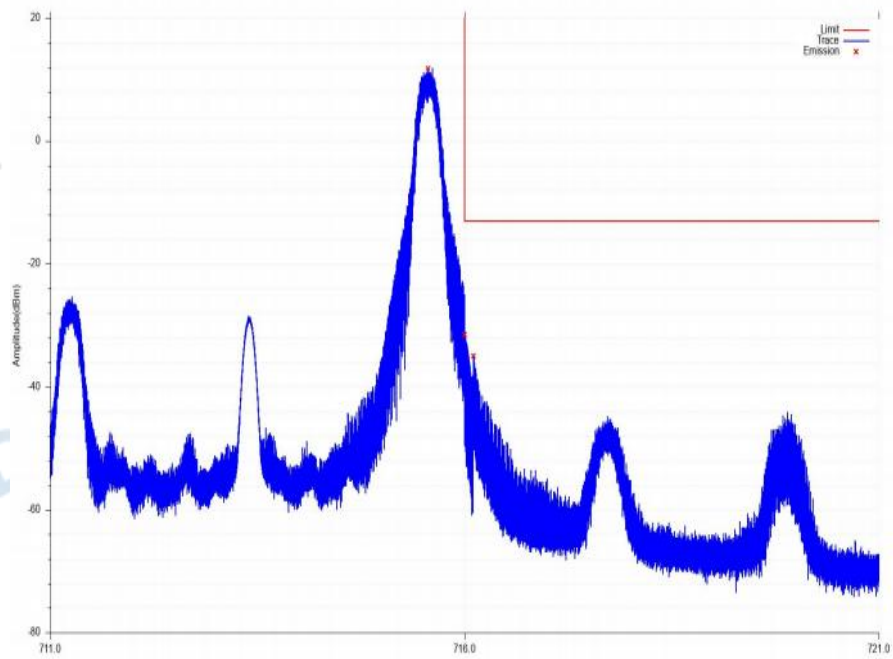


# SA\_65\_NT\_NV\_0\_Band\_12\_QPSK\_5M\_CH23154\_1\_24

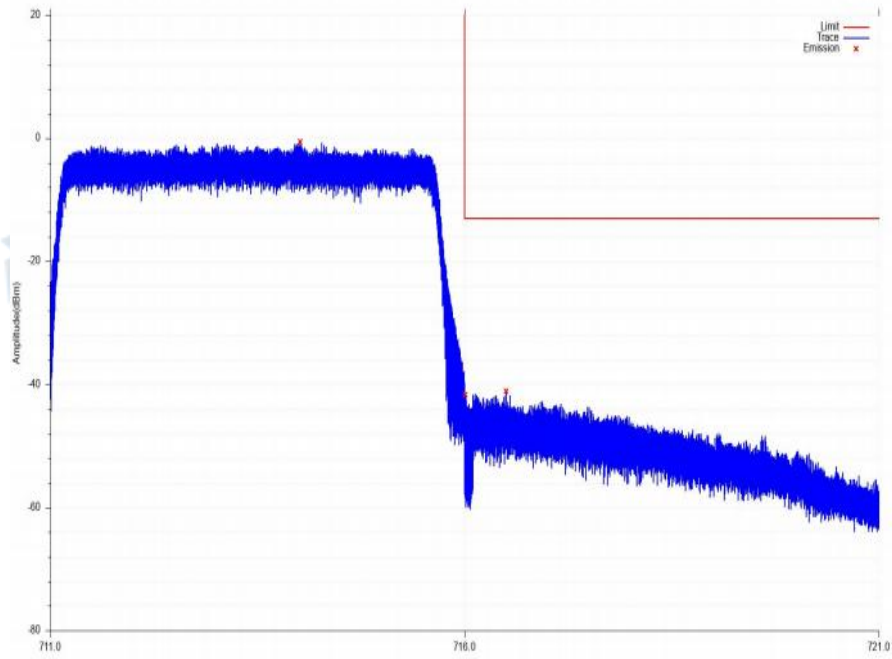
Unwanted spurious emissions



# UP\_EDGE\_65\_NT\_NV\_0\_Band\_12\_16QAM\_5M\_CH23154\_1\_24

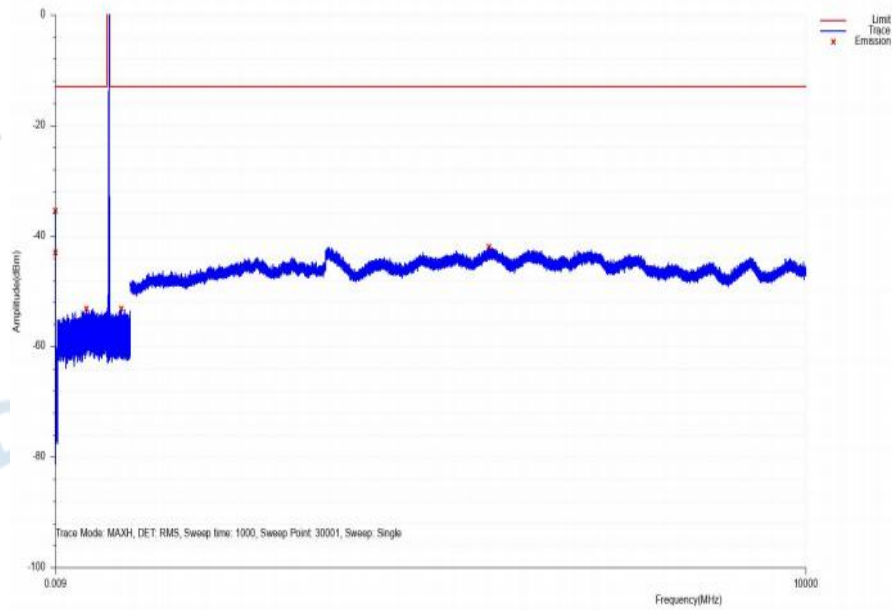


UP\_EDGE\_65\_NT\_NV\_0\_Band\_12\_16QAM\_5M\_CH23154\_25\_0



SA\_65\_NT\_NV\_0\_Band\_12\_16QAM\_5M\_CH23154\_1\_24

Unwanted spurious emissions



## 6. Frequency Stability

| Condition | Band    | Modulation | BW(MHz) | Frequency(MHz) | RB_Size | Freq. S (Hz) | Freq. S (ppm) | Limit(ppm) | Result |
|-----------|---------|------------|---------|----------------|---------|--------------|---------------|------------|--------|
| NV_NT     | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 18.18        | 0.0260        | -2.5~2.5   | Pass   |
| NV_50C    | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 22.76        | 0.0325        | -2.5~2.5   | Pass   |
| NV_40C    | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 25.52        | 0.0365        | -2.5~2.5   | Pass   |
| NV_30C    | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 12.62        | 0.0180        | -2.5~2.5   | Pass   |
| NV_20C    | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 21.82        | 0.0312        | -2.5~2.5   | Pass   |
| NV_10C    | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 1.59         | 0.0023        | -2.5~2.5   | Pass   |
| NV_0C     | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 10.60        | 0.0151        | -2.5~2.5   | Pass   |
| NV_-10C   | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 15.79        | 0.0226        | -2.5~2.5   | Pass   |
| NV_-20C   | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 19.28        | 0.0276        | -2.5~2.5   | Pass   |
| NV_-30C   | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 18.42        | 0.0263        | -2.5~2.5   | Pass   |
| LV_NT     | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 21.00        | 0.0300        | -2.5~2.5   | Pass   |
| HV_NT     | Band 12 | QPSK       | 1.4M    | 699.7          | 6       | 21.27        | 0.0304        | -2.5~2.5   | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 1.47         | 0.0021        | -2.5~2.5   | Pass   |
| NV_50C    | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 9.10         | 0.0130        | -2.5~2.5   | Pass   |
| NV_40C    | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 17.51        | 0.0250        | -2.5~2.5   | Pass   |
| NV_30C    | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 24.09        | 0.0344        | -2.5~2.5   | Pass   |
| NV_20C    | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 18.22        | 0.0260        | -2.5~2.5   | Pass   |
| NV_10C    | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 23.85        | 0.0341        | -2.5~2.5   | Pass   |
| NV_0C     | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 25.81        | 0.0369        | -2.5~2.5   | Pass   |
| NV_-10C   | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 8.01         | 0.0114        | -2.5~2.5   | Pass   |
| NV_-20C   | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 15.55        | 0.0222        | -2.5~2.5   | Pass   |
| NV_-30C   | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 22.29        | 0.0319        | -2.5~2.5   | Pass   |
| LV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 3.23         | 0.0046        | -2.5~2.5   | Pass   |
| HV_NT     | Band 12 | 16QAM      | 1.4M    | 699.7          | 6       | 12.87        | 0.0184        | -2.5~2.5   | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 22.53        | 0.0318        | -2.5~2.5   | Pass   |
| NV_50C    | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 5.24         | 0.0074        | -2.5~2.5   | Pass   |
| NV_40C    | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 6.95         | 0.0098        | -2.5~2.5   | Pass   |
| NV_30C    | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 22.04        | 0.0312        | -2.5~2.5   | Pass   |
| NV_20C    | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 3.45         | 0.0049        | -2.5~2.5   | Pass   |
| NV_10C    | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 10.27        | 0.0145        | -2.5~2.5   | Pass   |
| NV_0C     | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 19.18        | 0.0271        | -2.5~2.5   | Pass   |
| NV_-10C   | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 26.49        | 0.0374        | -2.5~2.5   | Pass   |
| NV_-20C   | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 9.98         | 0.0141        | -2.5~2.5   | Pass   |
| NV_-30C   | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 23.02        | 0.0325        | -2.5~2.5   | Pass   |
| LV_NT     | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 5.55         | 0.0078        | -2.5~2.5   | Pass   |
| HV_NT     | Band 12 | QPSK       | 1.4M    | 707.5          | 6       | 14.16        | 0.0200        | -2.5~2.5   | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 3.62         | 0.0051        | -2.5~2.5   | Pass   |
| NV_50C    | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 9.06         | 0.0128        | -2.5~2.5   | Pass   |
| NV_40C    | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 12.00        | 0.0170        | -2.5~2.5   | Pass   |
| NV_30C    | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 11.44        | 0.0162        | -2.5~2.5   | Pass   |
| NV_20C    | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 10.21        | 0.0144        | -2.5~2.5   | Pass   |
| NV_10C    | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 10.14        | 0.0143        | -2.5~2.5   | Pass   |
| NV_0C     | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 8.51         | 0.0120        | -2.5~2.5   | Pass   |
| NV_-10C   | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | 3.16         | 0.0045        | -2.5~2.5   | Pass   |
| NV_-20C   | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | -2.26        | -0.0032       | -2.5~2.5   | Pass   |
| NV_-30C   | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | -10.66       | -0.0151       | -2.5~2.5   | Pass   |
| LV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | -24.06       | -0.0340       | -2.5~2.5   | Pass   |
| HV_NT     | Band 12 | 16QAM      | 1.4M    | 707.5          | 6       | -8.98        | -0.0127       | -2.5~2.5   | Pass   |
| NV_NT     | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | -4.09        | -0.0057       | -2.5~2.5   | Pass   |
| NV_50C    | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | -16.58       | -0.0232       | -2.5~2.5   | Pass   |
| NV_40C    | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | 0.93         | 0.0013        | -2.5~2.5   | Pass   |
| NV_30C    | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | -6.44        | -0.0090       | -2.5~2.5   | Pass   |
| NV_20C    | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | -12.35       | -0.0173       | -2.5~2.5   | Pass   |
| NV_10C    | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | -15.05       | -0.0210       | -2.5~2.5   | Pass   |
| NV_0C     | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | -16.19       | -0.0226       | -2.5~2.5   | Pass   |
| NV_-10C   | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | -15.85       | -0.0222       | -2.5~2.5   | Pass   |
| NV_-20C   | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | -13.89       | -0.0194       | -2.5~2.5   | Pass   |
| NV_-30C   | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | -12.99       | -0.0182       | -2.5~2.5   | Pass   |
| LV_NT     | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | 3.83         | 0.0054        | -2.5~2.5   | Pass   |
| HV_NT     | Band 12 | QPSK       | 1.4M    | 715.3          | 6       | 8.78         | 0.0123        | -2.5~2.5   | Pass   |
| NV_NT     | Band 12 | 16QAM      | 1.4M    | 715.3          | 6       | 26.94        | 0.0377        | -2.5~2.5   | Pass   |
| NV_50C    | Band 12 | 16QAM      | 1.4M    | 715.3          | 6       | 11.37        | 0.0159        | -2.5~2.5   | Pass   |
| NV_40C    | Band 12 | 16QAM      | 1.4M    | 715.3          | 6       | 11.20        | 0.0157        | -2.5~2.5   | Pass   |
| NV_30C    | Band 12 | 16QAM      | 1.4M    | 715.3          | 6       | 6.09         | 0.0085        | -2.5~2.5   | Pass   |
| NV_20C    | Band 12 | 16QAM      | 1.4M    | 715.3          | 6       | 23.06        | 0.0322        | -2.5~2.5   | Pass   |

|         |         |       |      |       |    |        |         |          |      |
|---------|---------|-------|------|-------|----|--------|---------|----------|------|
| NV_10C  | Band 12 | 16QAM | 1.4M | 715.3 | 6  | 9.08   | 0.0127  | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | 16QAM | 1.4M | 715.3 | 6  | 20.38  | 0.0285  | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | 16QAM | 1.4M | 715.3 | 6  | 3.03   | 0.0042  | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | 16QAM | 1.4M | 715.3 | 6  | 11.44  | 0.0160  | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | 16QAM | 1.4M | 715.3 | 6  | 22.75  | 0.0318  | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | 16QAM | 1.4M | 715.3 | 6  | 4.16   | 0.0058  | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | 16QAM | 1.4M | 715.3 | 6  | 14.26  | 0.0199  | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | QPSK  | 3M   | 700.5 | 15 | 14.76  | 0.0211  | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | QPSK  | 3M   | 700.5 | 15 | 1.37   | 0.0020  | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | QPSK  | 3M   | 700.5 | 15 | 19.74  | 0.0282  | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | QPSK  | 3M   | 700.5 | 15 | 17.85  | 0.0255  | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | QPSK  | 3M   | 700.5 | 15 | 15.86  | 0.0226  | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | QPSK  | 3M   | 700.5 | 15 | 13.35  | 0.0191  | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | QPSK  | 3M   | 700.5 | 15 | 10.84  | 0.0155  | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | QPSK  | 3M   | 700.5 | 15 | -19.58 | -0.0280 | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | QPSK  | 3M   | 700.5 | 15 | 17.44  | 0.0249  | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | QPSK  | 3M   | 700.5 | 15 | 5.14   | 0.0073  | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | QPSK  | 3M   | 700.5 | 15 | 12.20  | 0.0174  | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | QPSK  | 3M   | 700.5 | 15 | 9.83   | 0.0140  | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | 16QAM | 3M   | 700.5 | 15 | 18.31  | 0.0261  | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | 16QAM | 3M   | 700.5 | 15 | 27.32  | 0.0390  | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | 16QAM | 3M   | 700.5 | 15 | 4.43   | 0.0063  | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | 16QAM | 3M   | 700.5 | 15 | 2.10   | 0.0030  | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | 16QAM | 3M   | 700.5 | 15 | 13.85  | 0.0198  | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | 16QAM | 3M   | 700.5 | 15 | 24.75  | 0.0353  | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | 16QAM | 3M   | 700.5 | 15 | 9.97   | 0.0142  | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | 16QAM | 3M   | 700.5 | 15 | 19.80  | 0.0283  | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | 16QAM | 3M   | 700.5 | 15 | 3.78   | 0.0054  | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | 16QAM | 3M   | 700.5 | 15 | 15.38  | 0.0220  | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | 16QAM | 3M   | 700.5 | 15 | 25.49  | 0.0364  | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | 16QAM | 3M   | 700.5 | 15 | 7.50   | 0.0107  | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | QPSK  | 3M   | 707.5 | 15 | 16.99  | 0.0240  | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | QPSK  | 3M   | 707.5 | 15 | 22.23  | 0.0314  | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | QPSK  | 3M   | 707.5 | 15 | 4.08   | 0.0058  | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | QPSK  | 3M   | 707.5 | 15 | 5.46   | 0.0077  | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | QPSK  | 3M   | 707.5 | 15 | 2.10   | 0.0030  | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | QPSK  | 3M   | 707.5 | 15 | 25.11  | 0.0355  | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | QPSK  | 3M   | 707.5 | 15 | 16.64  | 0.0235  | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | QPSK  | 3M   | 707.5 | 15 | 9.61   | 0.0136  | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | QPSK  | 3M   | 707.5 | 15 | 5.46   | 0.0077  | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | QPSK  | 3M   | 707.5 | 15 | -18.28 | -0.0258 | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | QPSK  | 3M   | 707.5 | 15 | 11.00  | 0.0155  | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | QPSK  | 3M   | 707.5 | 15 | 2.36   | 0.0033  | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | 16QAM | 3M   | 707.5 | 15 | 12.17  | 0.0172  | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | 16QAM | 3M   | 707.5 | 15 | 18.30  | 0.0259  | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | 16QAM | 3M   | 707.5 | 15 | 26.08  | 0.0369  | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | 16QAM | 3M   | 707.5 | 15 | 2.50   | 0.0035  | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | 16QAM | 3M   | 707.5 | 15 | 5.24   | 0.0074  | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | 16QAM | 3M   | 707.5 | 15 | 7.24   | 0.0102  | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | 16QAM | 3M   | 707.5 | 15 | 15.74  | 0.0222  | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | 16QAM | 3M   | 707.5 | 15 | 21.51  | 0.0304  | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | 16QAM | 3M   | 707.5 | 15 | 25.95  | 0.0367  | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | 16QAM | 3M   | 707.5 | 15 | 6.81   | 0.0096  | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | 16QAM | 3M   | 707.5 | 15 | 11.10  | 0.0157  | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | 16QAM | 3M   | 707.5 | 15 | 16.42  | 0.0232  | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | QPSK  | 3M   | 714.5 | 15 | 21.06  | 0.0295  | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | QPSK  | 3M   | 714.5 | 15 | 20.56  | 0.0288  | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | QPSK  | 3M   | 714.5 | 15 | 15.79  | 0.0221  | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | QPSK  | 3M   | 714.5 | 15 | 11.36  | 0.0159  | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | QPSK  | 3M   | 714.5 | 15 | 3.60   | 0.0050  | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | QPSK  | 3M   | 714.5 | 15 | 22.87  | 0.0320  | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | QPSK  | 3M   | 714.5 | 15 | 14.38  | 0.0201  | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | QPSK  | 3M   | 714.5 | 15 | 6.24   | 0.0087  | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | QPSK  | 3M   | 714.5 | 15 | 24.56  | 0.0344  | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | QPSK  | 3M   | 714.5 | 15 | 14.02  | 0.0196  | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | QPSK  | 3M   | 714.5 | 15 | 1.42   | 0.0020  | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | QPSK  | 3M   | 714.5 | 15 | 19.93  | 0.0279  | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | 16QAM | 3M   | 714.5 | 15 | 26.35  | 0.0369  | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | 16QAM | 3M   | 714.5 | 15 | 15.03  | 0.0210  | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | 16QAM | 3M   | 714.5 | 15 | -0.73  | -0.0010 | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | 16QAM | 3M   | 714.5 | 15 | 8.54   | 0.0120  | -2.5~2.5 | Pass |

|         |         |       |    |       |    |        |         |          |      |
|---------|---------|-------|----|-------|----|--------|---------|----------|------|
| NV_20C  | Band 12 | 16QAM | 3M | 714.5 | 15 | 16.59  | 0.0232  | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | 16QAM | 3M | 714.5 | 15 | 15.12  | 0.0212  | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | 16QAM | 3M | 714.5 | 15 | 24.55  | 0.0344  | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | 16QAM | 3M | 714.5 | 15 | 8.51   | 0.0119  | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | 16QAM | 3M | 714.5 | 15 | 12.62  | 0.0177  | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | 16QAM | 3M | 714.5 | 15 | 19.23  | 0.0269  | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | 16QAM | 3M | 714.5 | 15 | -0.43  | -0.0006 | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | 16QAM | 3M | 714.5 | 15 | 3.46   | 0.0048  | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | QPSK  | 5M | 701.5 | 25 | 0.87   | 0.0012  | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | QPSK  | 5M | 701.5 | 25 | 25.92  | 0.0370  | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | QPSK  | 5M | 701.5 | 25 | 1.23   | 0.0018  | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | QPSK  | 5M | 701.5 | 25 | 19.41  | 0.0277  | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | QPSK  | 5M | 701.5 | 25 | 8.96   | 0.0128  | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | QPSK  | 5M | 701.5 | 25 | 23.59  | 0.0336  | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | QPSK  | 5M | 701.5 | 25 | 9.50   | 0.0135  | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | QPSK  | 5M | 701.5 | 25 | 19.88  | 0.0283  | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | QPSK  | 5M | 701.5 | 25 | 1.24   | 0.0018  | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | QPSK  | 5M | 701.5 | 25 | 9.46   | 0.0135  | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | QPSK  | 5M | 701.5 | 25 | 15.92  | 0.0227  | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | QPSK  | 5M | 701.5 | 25 | 21.19  | 0.0302  | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | 16QAM | 5M | 701.5 | 25 | 2.23   | 0.0032  | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | 16QAM | 5M | 701.5 | 25 | -0.59  | -0.0008 | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | 16QAM | 5M | 701.5 | 25 | -10.70 | -0.0153 | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | 16QAM | 5M | 701.5 | 25 | -20.30 | -0.0289 | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | 16QAM | 5M | 701.5 | 25 | -3.79  | -0.0054 | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | 16QAM | 5M | 701.5 | 25 | -16.72 | -0.0238 | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | 16QAM | 5M | 701.5 | 25 | -1.52  | -0.0022 | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | 16QAM | 5M | 701.5 | 25 | -17.95 | -0.0256 | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | 16QAM | 5M | 701.5 | 25 | -26.26 | -0.0374 | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | 16QAM | 5M | 701.5 | 25 | -7.17  | -0.0102 | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | 16QAM | 5M | 701.5 | 25 | -15.99 | -0.0228 | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | 16QAM | 5M | 701.5 | 25 | -25.94 | -0.0370 | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | QPSK  | 5M | 707.5 | 25 | 21.93  | 0.0310  | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | QPSK  | 5M | 707.5 | 25 | 18.14  | 0.0256  | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | QPSK  | 5M | 707.5 | 25 | 16.88  | 0.0239  | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | QPSK  | 5M | 707.5 | 25 | 17.81  | 0.0252  | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | QPSK  | 5M | 707.5 | 25 | 12.80  | 0.0181  | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | QPSK  | 5M | 707.5 | 25 | 9.54   | 0.0135  | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | QPSK  | 5M | 707.5 | 25 | 5.79   | 0.0082  | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | QPSK  | 5M | 707.5 | 25 | -1.76  | -0.0025 | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | QPSK  | 5M | 707.5 | 25 | -13.48 | -0.0190 | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | QPSK  | 5M | 707.5 | 25 | -17.47 | -0.0247 | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | QPSK  | 5M | 707.5 | 25 | -23.76 | -0.0336 | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | QPSK  | 5M | 707.5 | 25 | -27.57 | -0.0390 | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | 16QAM | 5M | 707.5 | 25 | -6.58  | -0.0093 | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | 16QAM | 5M | 707.5 | 25 | -20.24 | -0.0286 | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | 16QAM | 5M | 707.5 | 25 | -7.25  | -0.0103 | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | 16QAM | 5M | 707.5 | 25 | -7.93  | -0.0112 | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | 16QAM | 5M | 707.5 | 25 | -13.79 | -0.0195 | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | 16QAM | 5M | 707.5 | 25 | -15.35 | -0.0217 | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | 16QAM | 5M | 707.5 | 25 | -17.65 | -0.0250 | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | 16QAM | 5M | 707.5 | 25 | -19.88 | -0.0281 | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | 16QAM | 5M | 707.5 | 25 | -18.95 | -0.0268 | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | 16QAM | 5M | 707.5 | 25 | -17.67 | -0.0250 | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | 16QAM | 5M | 707.5 | 25 | -15.08 | -0.0213 | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | 16QAM | 5M | 707.5 | 25 | -12.06 | -0.0170 | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | QPSK  | 5M | 713.4 | 25 | -9.26  | -0.0130 | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | QPSK  | 5M | 713.4 | 25 | -5.08  | -0.0071 | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | QPSK  | 5M | 713.4 | 25 | -22.50 | -0.0315 | -2.5~2.5 | Pass |
| NV_30C  | Band 12 | QPSK  | 5M | 713.4 | 25 | -5.12  | -0.0072 | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | QPSK  | 5M | 713.4 | 25 | -22.04 | -0.0309 | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | QPSK  | 5M | 713.4 | 25 | 10.86  | 0.0152  | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | QPSK  | 5M | 713.4 | 25 | -6.09  | -0.0085 | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | QPSK  | 5M | 713.4 | 25 | -8.38  | -0.0118 | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | QPSK  | 5M | 713.4 | 25 | -6.25  | -0.0088 | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | QPSK  | 5M | 713.4 | 25 | -2.85  | -0.0040 | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | QPSK  | 5M | 713.4 | 25 | 5.12   | 0.0072  | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | QPSK  | 5M | 713.4 | 25 | 11.43  | 0.0160  | -2.5~2.5 | Pass |
| NV_NT   | Band 12 | 16QAM | 5M | 713.4 | 25 | -24.29 | -0.0340 | -2.5~2.5 | Pass |
| NV_50C  | Band 12 | 16QAM | 5M | 713.4 | 25 | -23.60 | -0.0331 | -2.5~2.5 | Pass |
| NV_40C  | Band 12 | 16QAM | 5M | 713.4 | 25 | -22.19 | -0.0311 | -2.5~2.5 | Pass |

|         |         |       |    |       |    |        |         |          |      |
|---------|---------|-------|----|-------|----|--------|---------|----------|------|
| NV_30C  | Band 12 | 16QAM | 5M | 713.4 | 25 | -21.37 | -0.0300 | -2.5~2.5 | Pass |
| NV_20C  | Band 12 | 16QAM | 5M | 713.4 | 25 | -18.31 | -0.0257 | -2.5~2.5 | Pass |
| NV_10C  | Band 12 | 16QAM | 5M | 713.4 | 25 | -14.02 | -0.0197 | -2.5~2.5 | Pass |
| NV_0C   | Band 12 | 16QAM | 5M | 713.4 | 25 | -10.47 | -0.0147 | -2.5~2.5 | Pass |
| NV_-10C | Band 12 | 16QAM | 5M | 713.4 | 25 | -6.59  | -0.0092 | -2.5~2.5 | Pass |
| NV_-20C | Band 12 | 16QAM | 5M | 713.4 | 25 | -1.95  | -0.0027 | -2.5~2.5 | Pass |
| NV_-30C | Band 12 | 16QAM | 5M | 713.4 | 25 | 4.59   | 0.0064  | -2.5~2.5 | Pass |
| LV_NT   | Band 12 | 16QAM | 5M | 713.4 | 25 | 9.86   | 0.0138  | -2.5~2.5 | Pass |
| HV_NT   | Band 12 | 16QAM | 5M | 713.4 | 25 | 16.14  | 0.0226  | -2.5~2.5 | Pass |