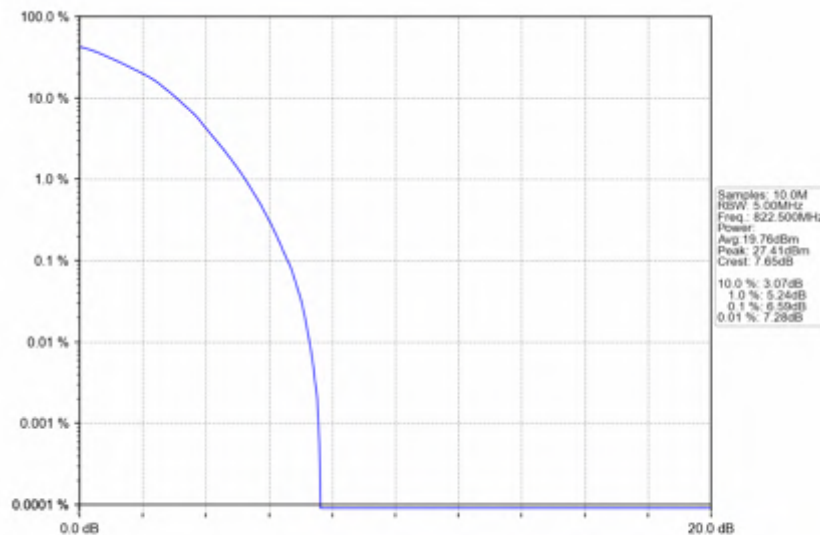
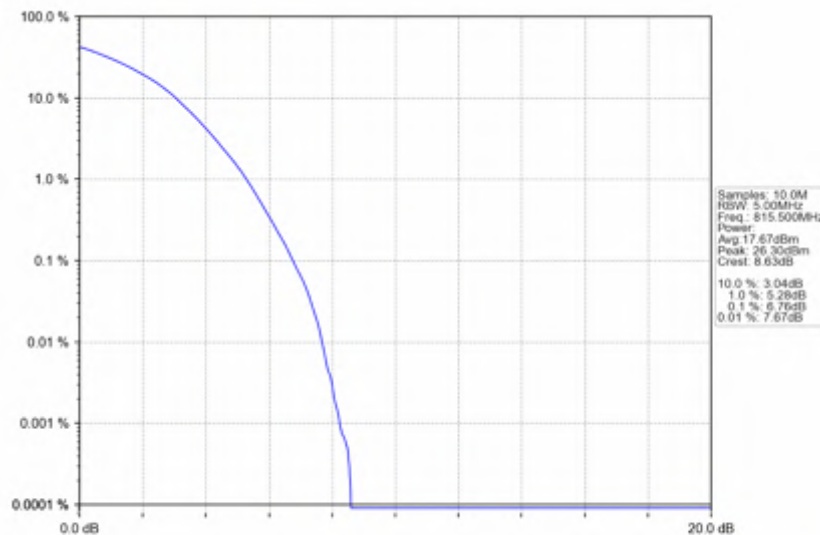


Band26a\_3MHz\_64QAM\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



Band26a\_3MHz\_256QAM\_LCH\_815.5MHz\_RB\_15\_0\_NTNV

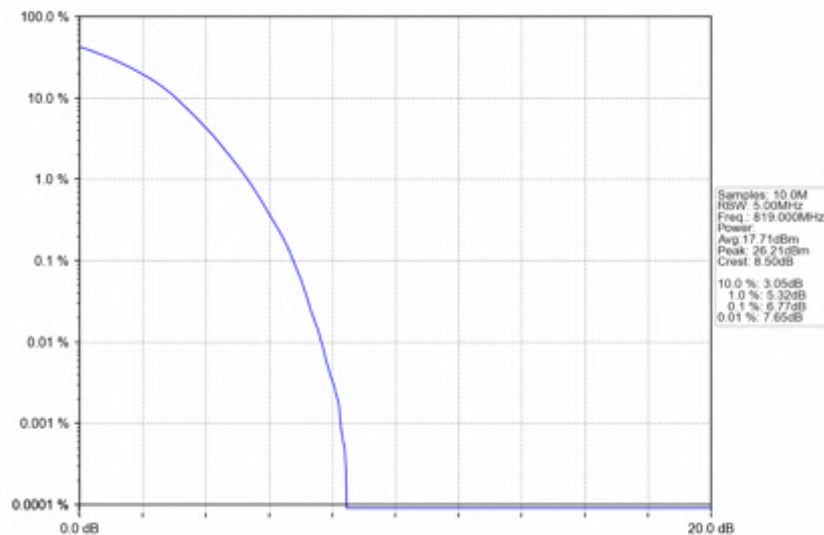


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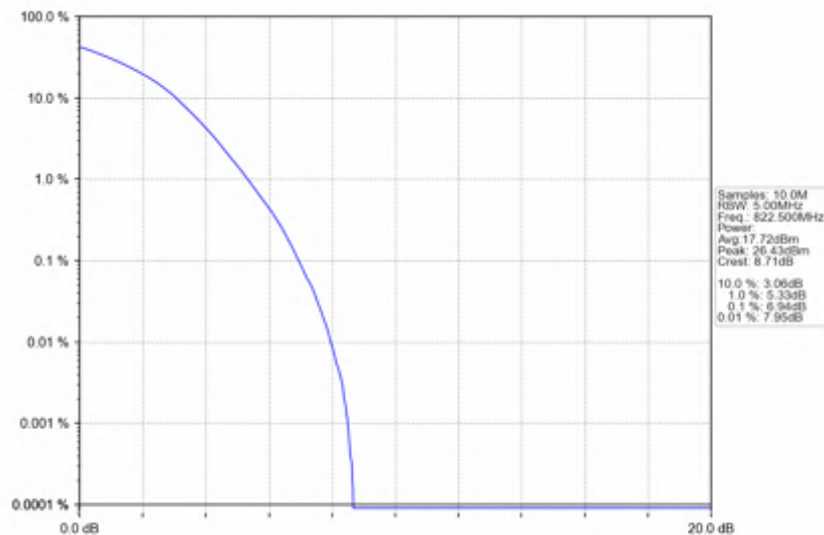
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Band26a\_3MHz\_256QAM\_MCH\_819MHz\_RB\_15\_0\_NTNV



Band26a\_3MHz\_256QAM\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



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## 6.3 B26a\_5MHz

## 6.3.1 Test Result

| Band: 26a / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 816.5           | 25            | 0      | 6.42                    | <=13  | Pass    |
|                                    | 819             | 25            | 0      | 6.50                    | <=13  | Pass    |
|                                    | 821.5           | 25            | 0      | 6.50                    | <=13  | Pass    |
| 16QAM                              | 816.5           | 25            | 0      | 6.43                    | <=13  | Pass    |
|                                    | 819             | 25            | 0      | 6.51                    | <=13  | Pass    |
|                                    | 821.5           | 25            | 0      | 6.50                    | <=13  | Pass    |
| 64QAM                              | 816.5           | 25            | 0      | 6.42                    | <=13  | Pass    |
|                                    | 819             | 25            | 0      | 6.50                    | <=13  | Pass    |
|                                    | 821.5           | 25            | 0      | 6.51                    | <=13  | Pass    |
| 256QAM                             | 816.5           | 25            | 0      | 6.65                    | <=13  | Pass    |
|                                    | 819             | 25            | 0      | 6.84                    | <=13  | Pass    |
|                                    | 821.5           | 25            | 0      | 6.85                    | <=13  | Pass    |



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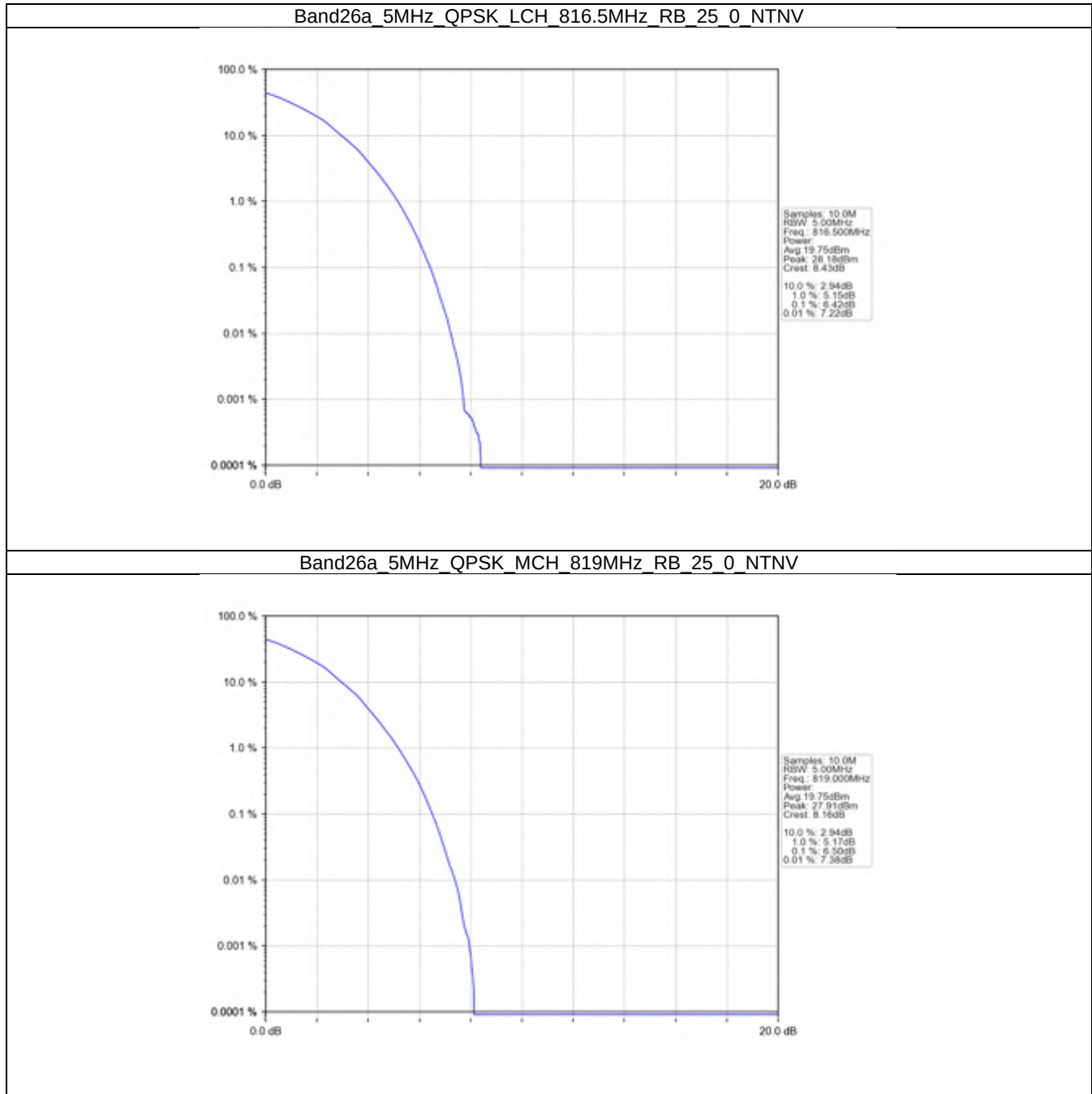
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## 6.3.2 Test Graph



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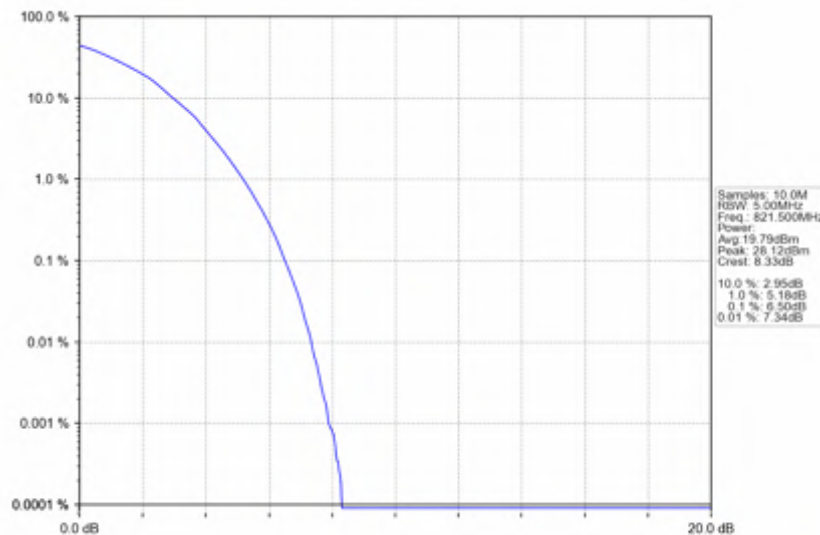
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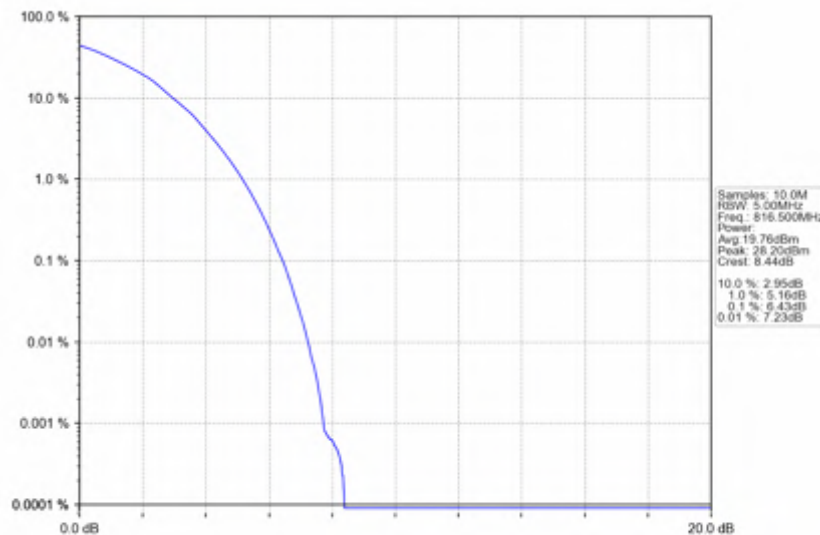
[sgs.china@sgs.com](mailto:sgs.china@sgs.com)



Band26a\_5MHz\_QPSK\_HCH\_821.5MHz\_RB\_25\_0\_NTNV



Band26a\_5MHz\_16QAM\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



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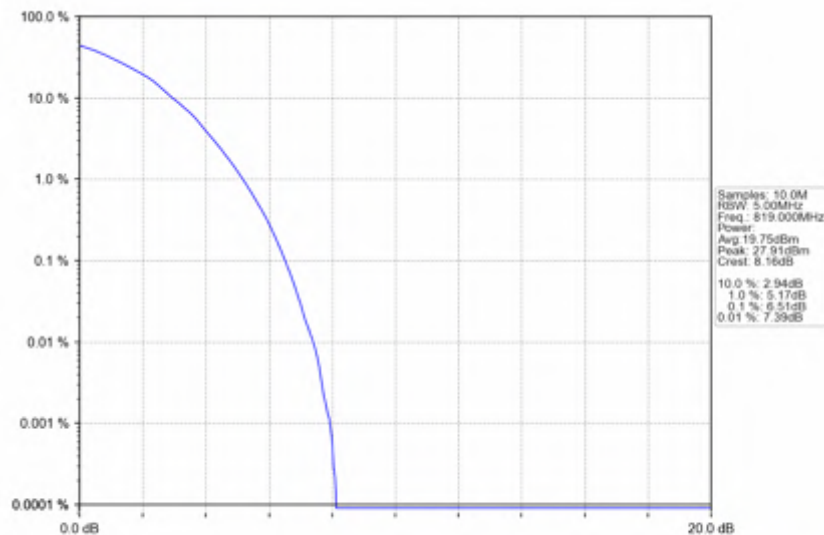
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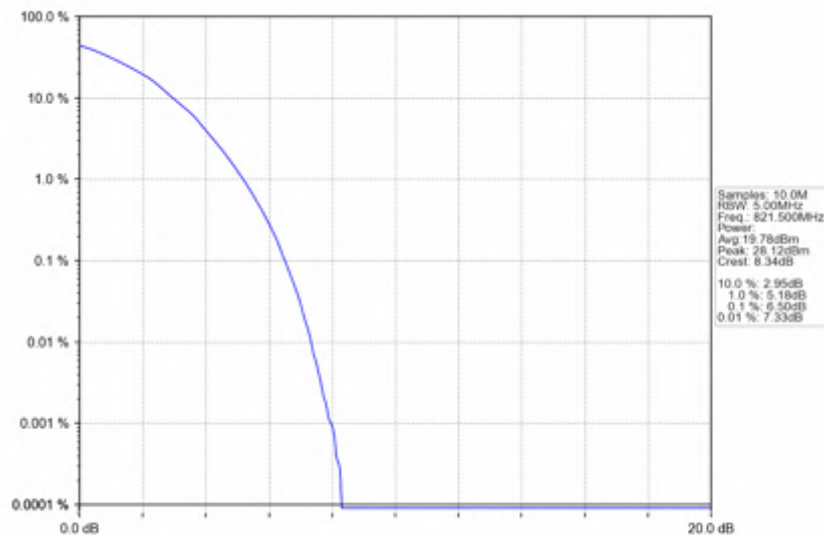
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Band26a\_5MHz\_16QAM\_MCH\_819MHz\_RB\_25\_0\_NTNV



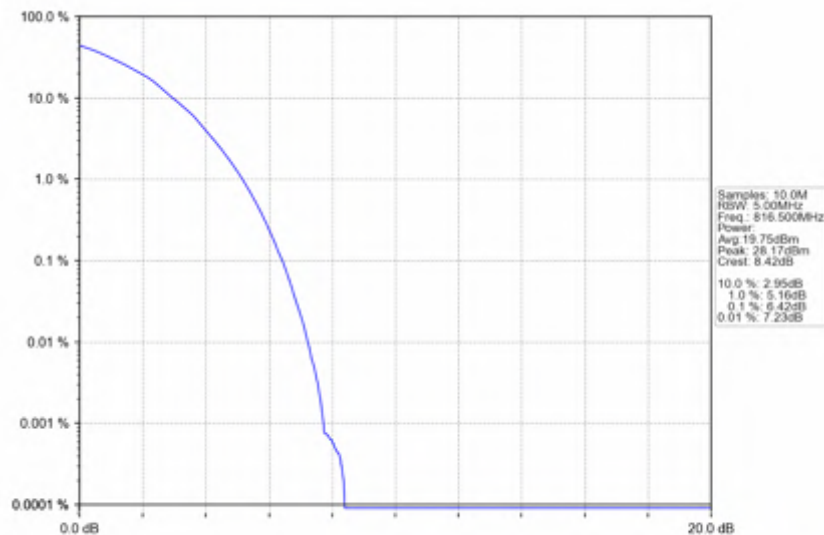
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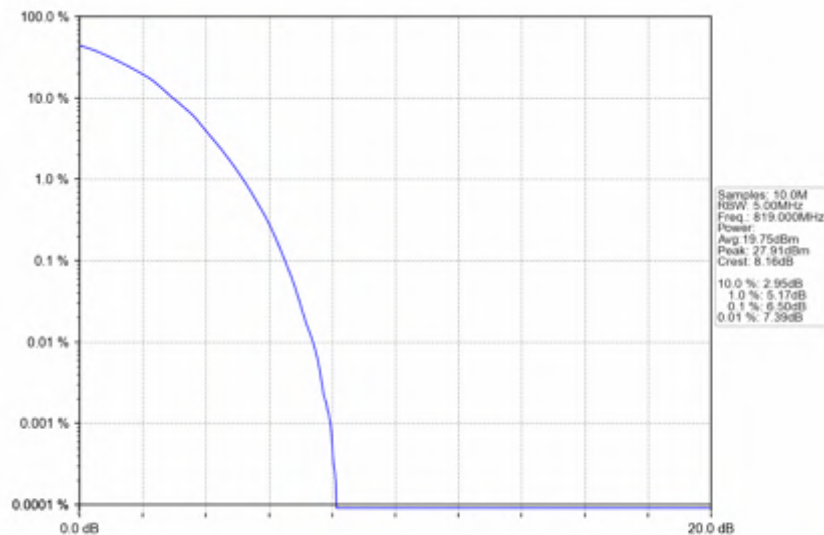
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Band26a\_5MHz\_64QAM\_MCH\_819MHz\_RB\_25\_0\_NTNV



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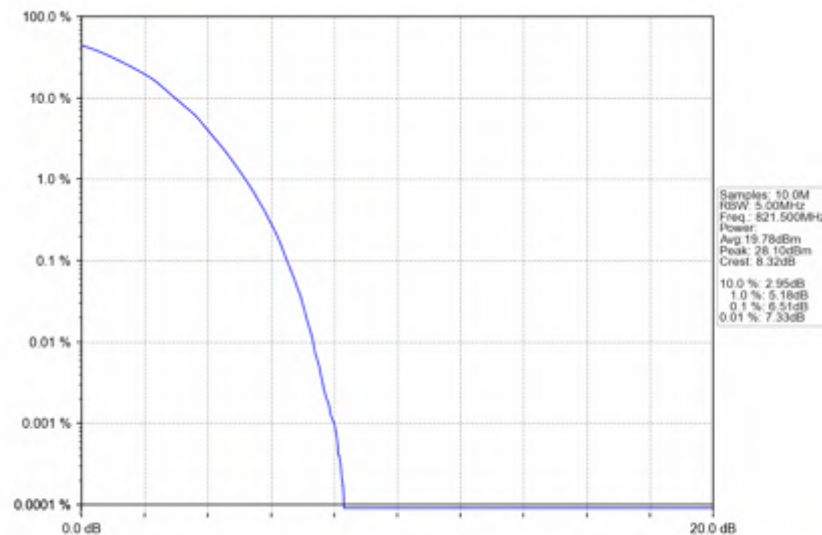
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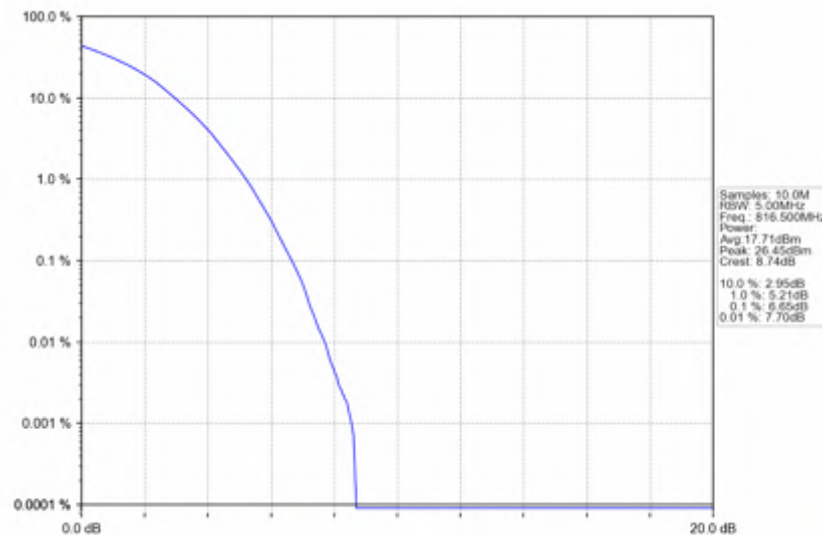
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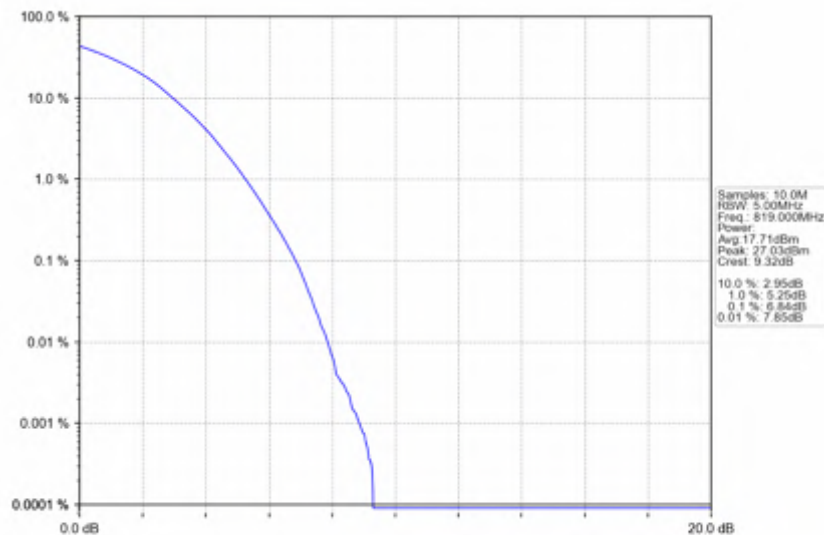
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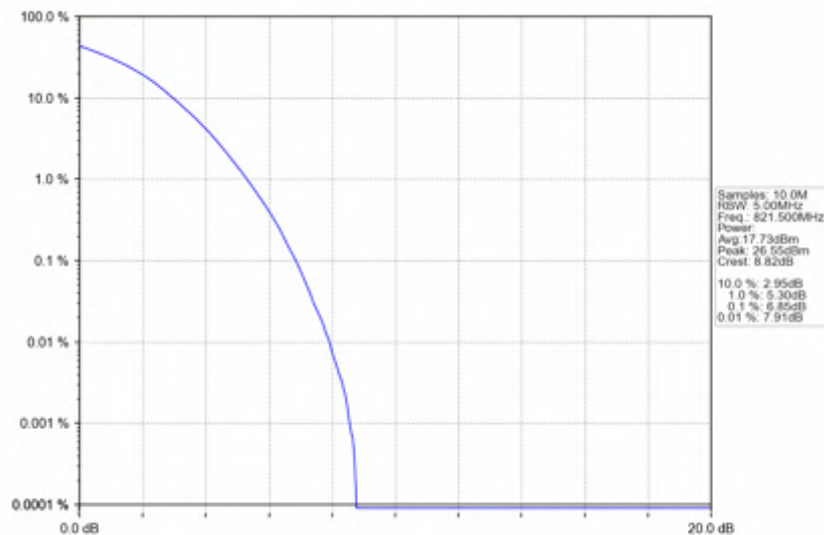
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## 6.4 B26a\_10MHz

## 6.4.1 Test Result

| Band: 26a / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 819             | 50            | 0      | 6.72                    | <=13  | Pass    |
|                                     | 819             | 50            | 0      | 6.72                    | <=13  | Pass    |
|                                     | 819             | 50            | 0      | 6.72                    | <=13  | Pass    |
| 16QAM                               | 819             | 50            | 0      | 6.71                    | <=13  | Pass    |
|                                     | 819             | 50            | 0      | 6.72                    | <=13  | Pass    |
|                                     | 819             | 50            | 0      | 6.72                    | <=13  | Pass    |
| 64QAM                               | 819             | 50            | 0      | 6.72                    | <=13  | Pass    |
|                                     | 819             | 50            | 0      | 6.72                    | <=13  | Pass    |
|                                     | 819             | 50            | 0      | 6.72                    | <=13  | Pass    |
| 256QAM                              | 819             | 50            | 0      | 6.77                    | <=13  | Pass    |
|                                     | 819             | 50            | 0      | 6.76                    | <=13  | Pass    |
|                                     | 819             | 50            | 0      | 6.76                    | <=13  | Pass    |



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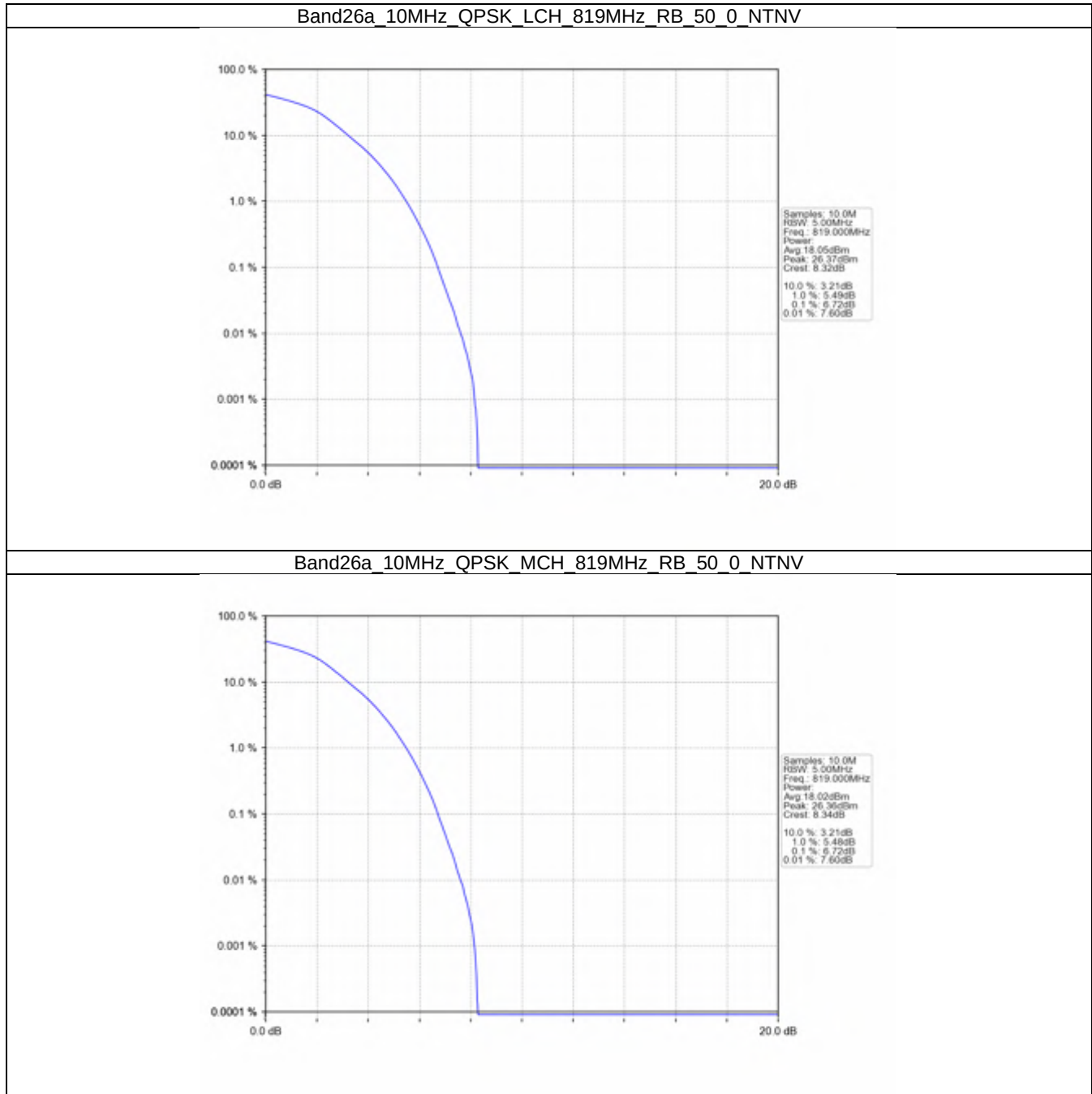
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## 6.4.2 Test Graph



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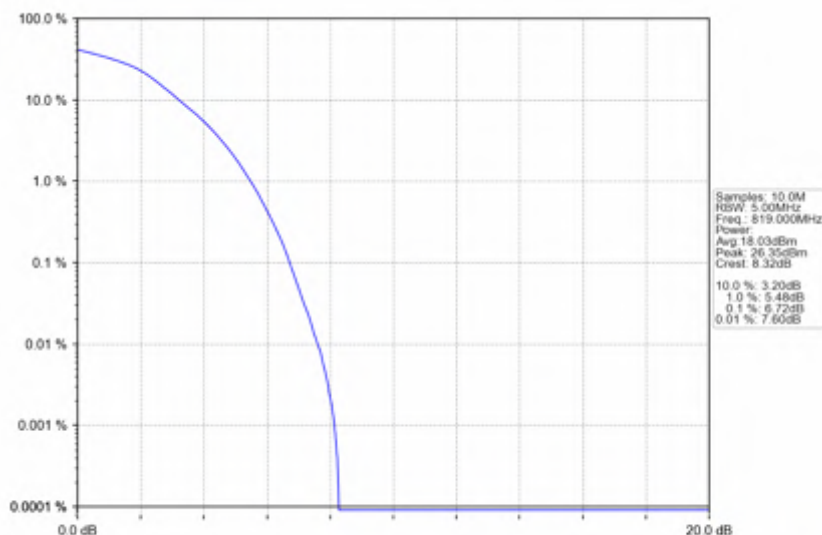
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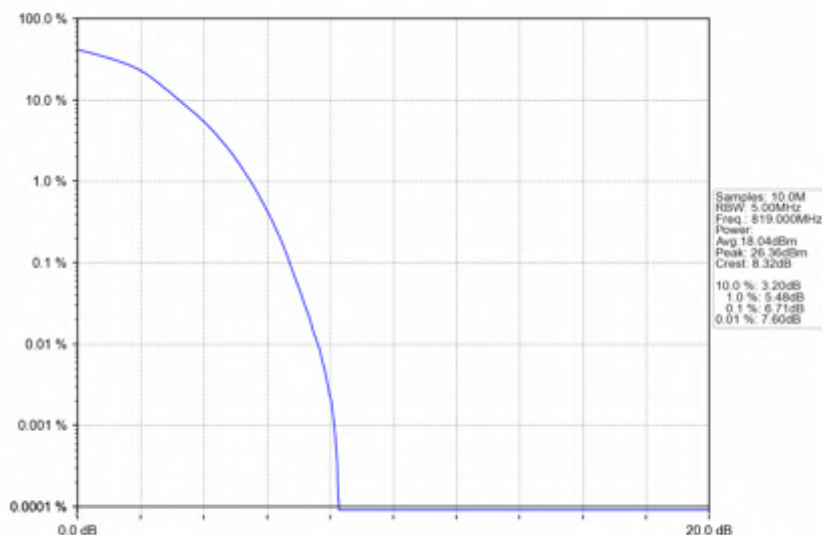
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Band26a\_10MHz\_QPSK\_HCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_16QAM\_LCH\_819MHz\_RB\_50\_0\_NTNV



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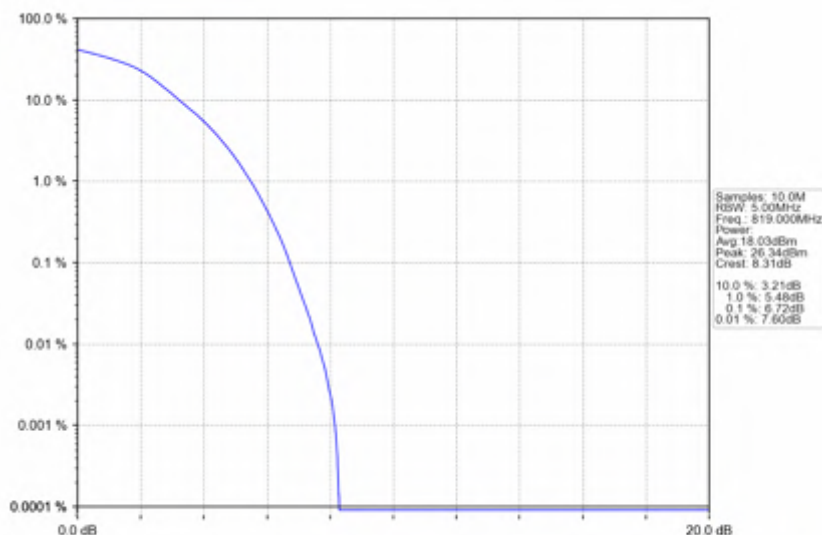
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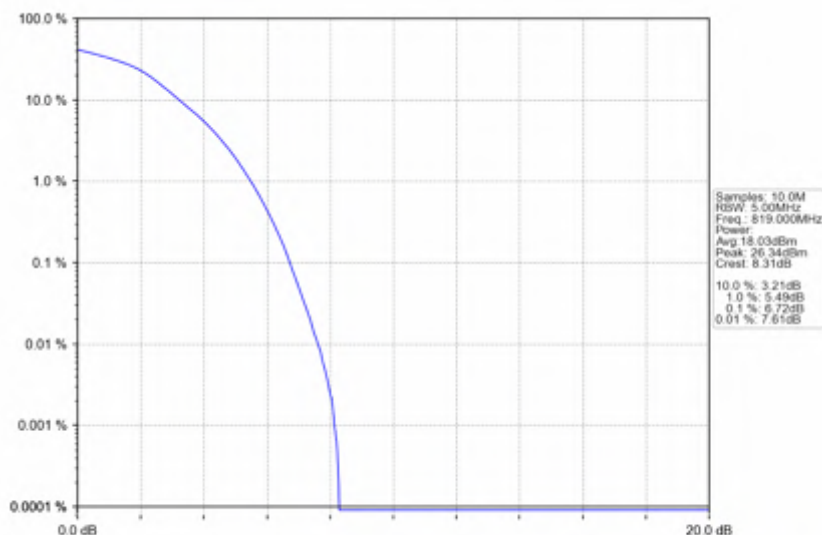
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Band26a\_10MHz\_16QAM\_MCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_16QAM\_HCH\_819MHz\_RB\_50\_0\_NTNV



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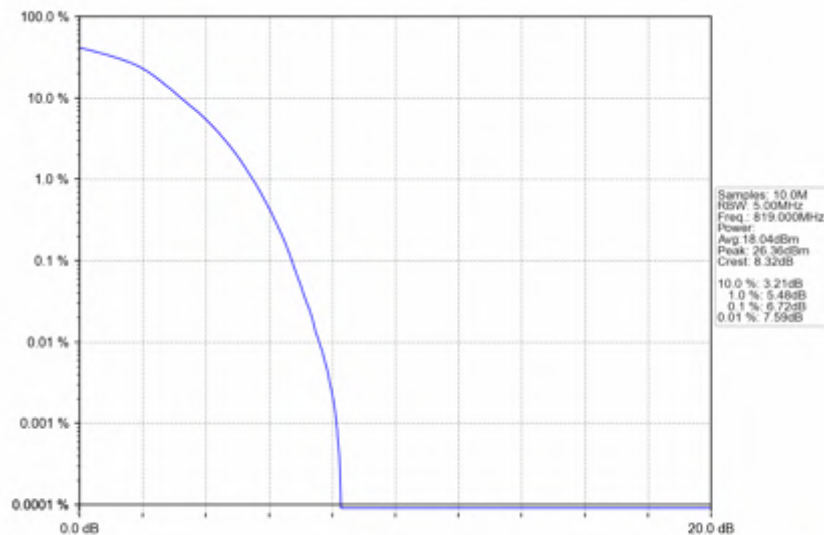
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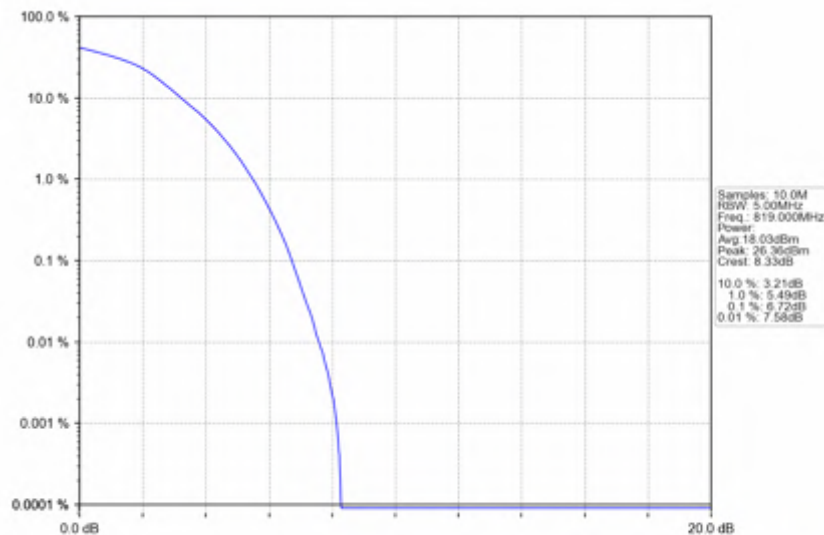
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Band26a\_10MHz\_64QAM\_LCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_64QAM\_MCH\_819MHz\_RB\_50\_0\_NTNV

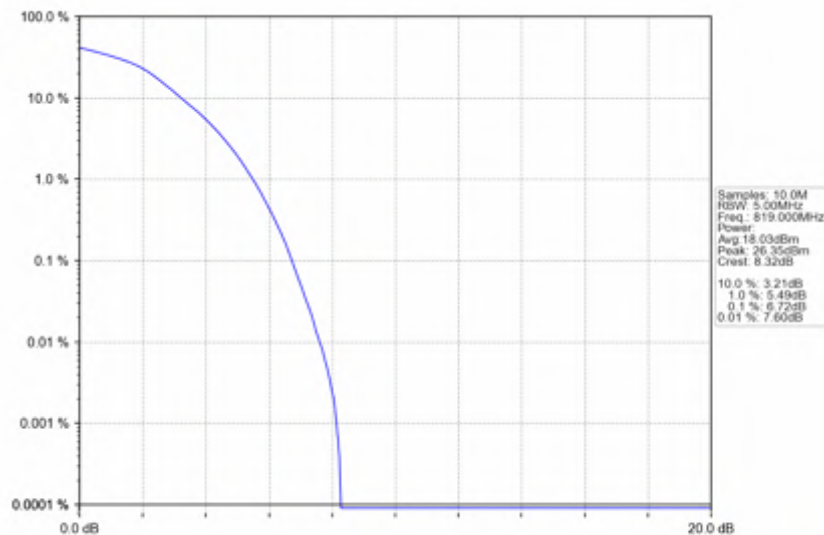


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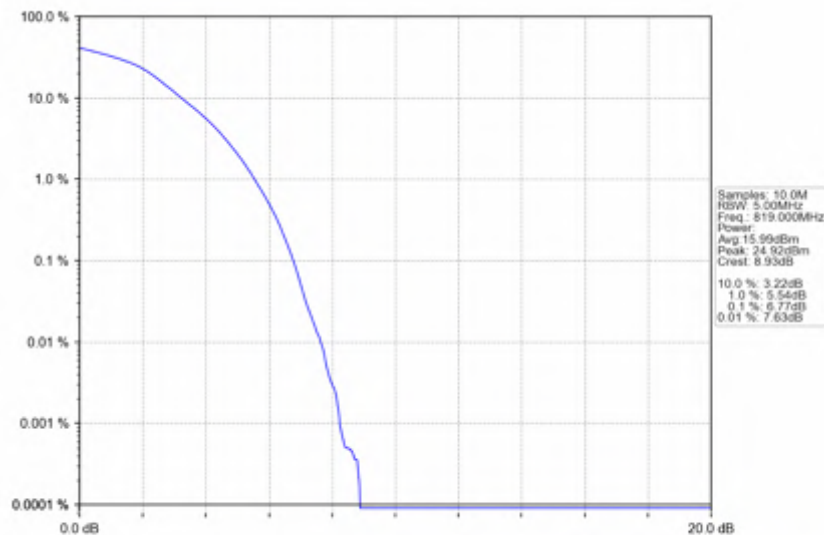
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Band26a\_10MHz\_64QAM\_HCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_256QAM\_LCH\_819MHz\_RB\_50\_0\_NTNV



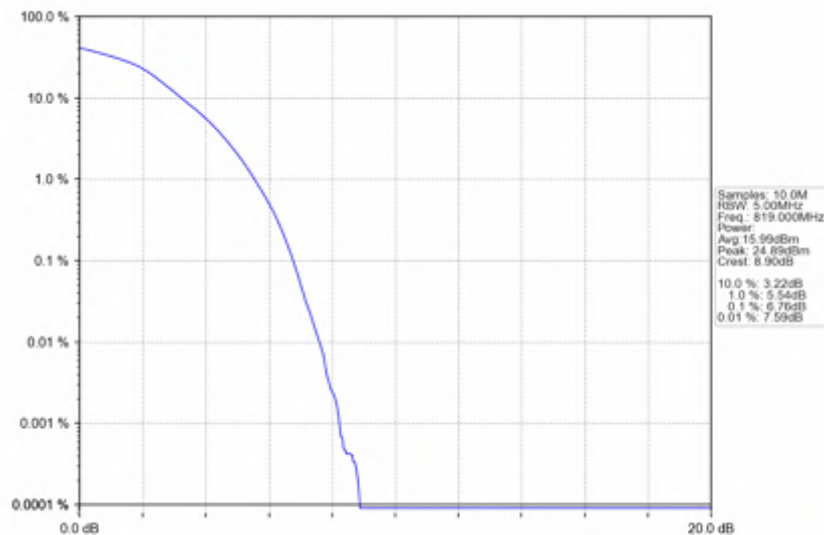
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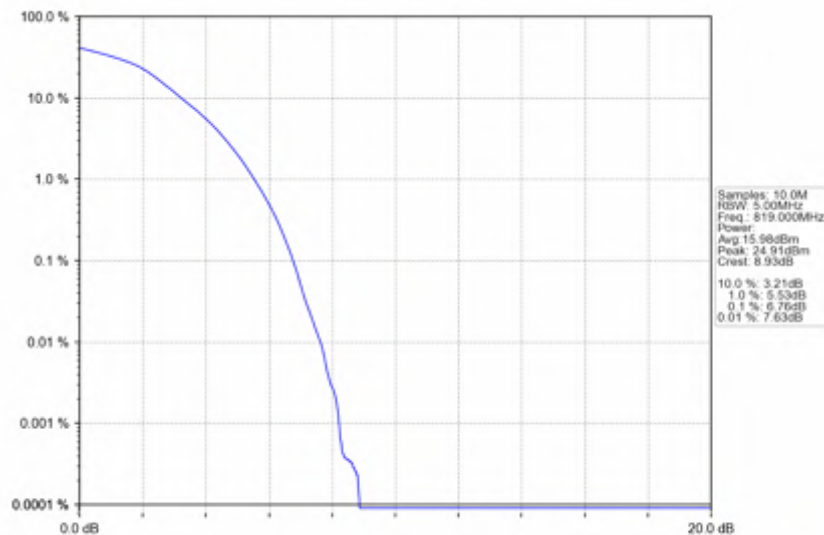
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Band26a\_10MHz\_256QAM\_MCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_256QAM\_HCH\_819MHz\_RB\_50\_0\_NTNV



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## 7. Peak-Average Ratio

## 7.1 B26b\_1.4MHz

## 7.1.1 Test Result

| Band: 26b / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|--------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                      |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                 | 824.7           | 6             | 0      | 5.25                    | <=13  | Pass    |
|                                      | 836.5           | 6             | 0      | 6.53                    | <=13  | Pass    |
|                                      | 848.3           | 6             | 0      | 6.20                    | <=13  | Pass    |
| 16QAM                                | 824.7           | 6             | 0      | 5.25                    | <=13  | Pass    |
|                                      | 836.5           | 6             | 0      | 6.49                    | <=13  | Pass    |
|                                      | 848.3           | 6             | 0      | 6.31                    | <=13  | Pass    |
| 64QAM                                | 824.7           | 6             | 0      | 5.19                    | <=13  | Pass    |
|                                      | 836.5           | 6             | 0      | 6.62                    | <=13  | Pass    |
|                                      | 848.3           | 6             | 0      | 6.23                    | <=13  | Pass    |
| 256QAM                               | 824.7           | 6             | 0      | 6.99                    | <=13  | Pass    |
|                                      | 836.5           | 6             | 0      | 6.90                    | <=13  | Pass    |
|                                      | 848.3           | 6             | 0      | 6.80                    | <=13  | Pass    |



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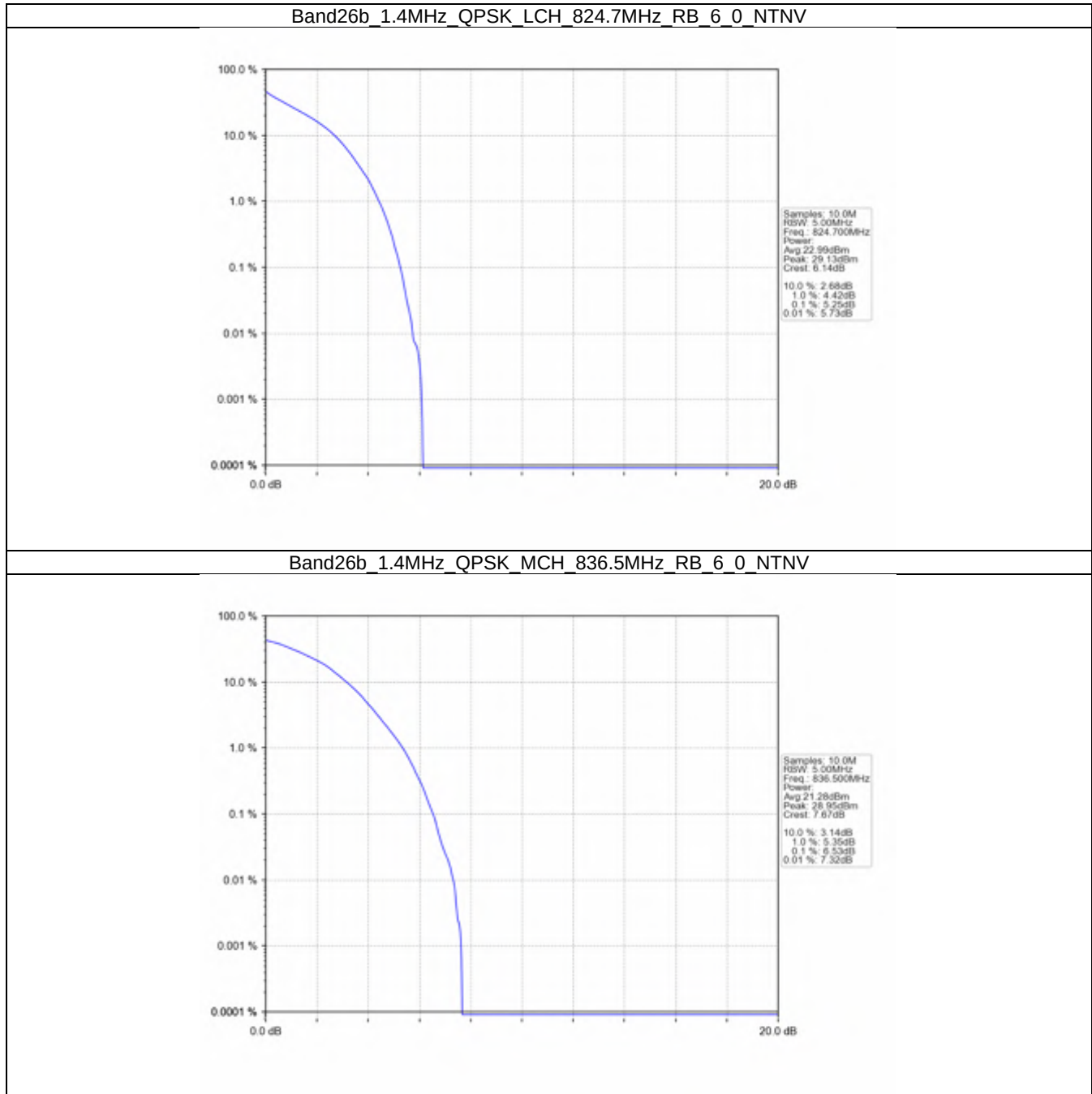
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## 7.1.2 Test Graph



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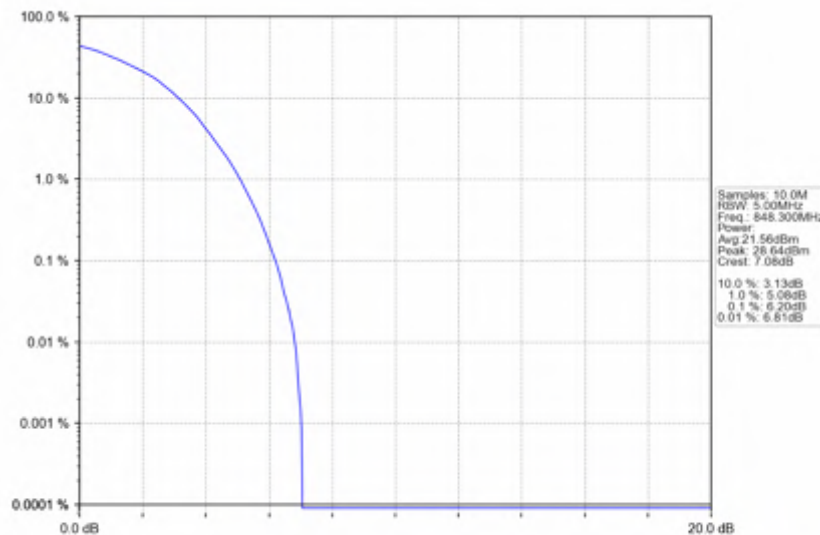
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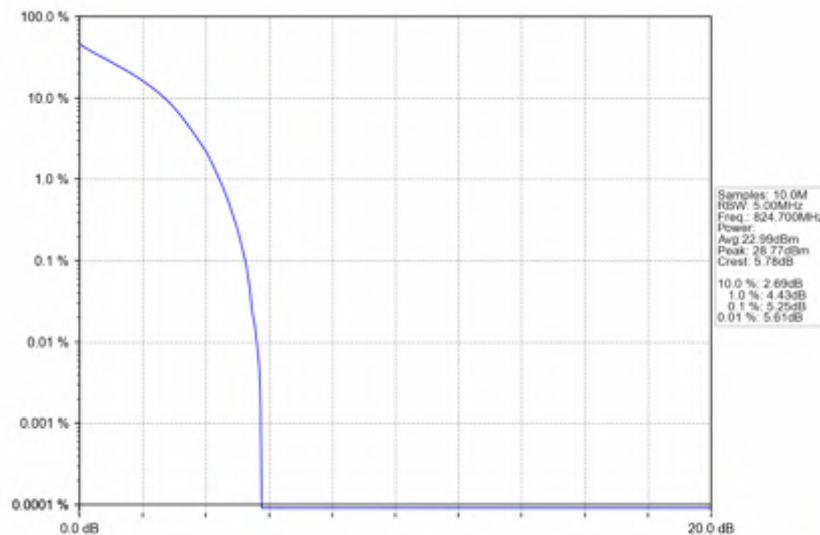
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Band26b\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



Band26b\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



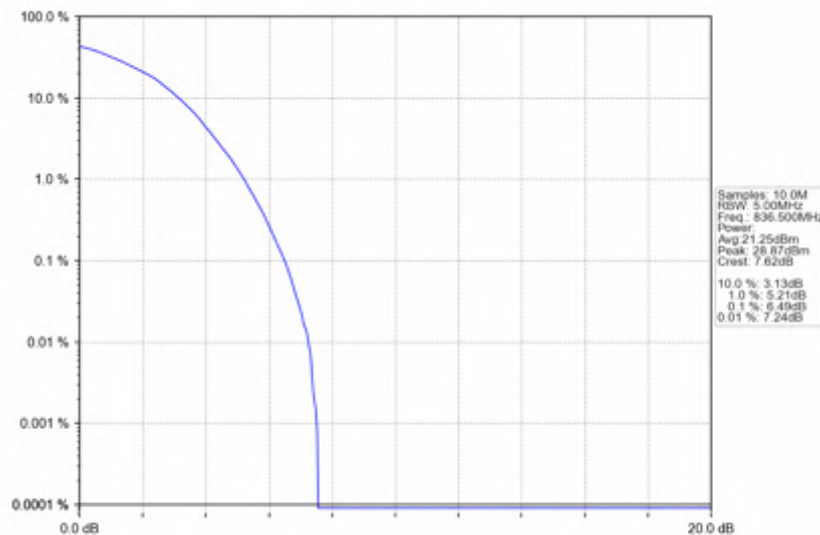
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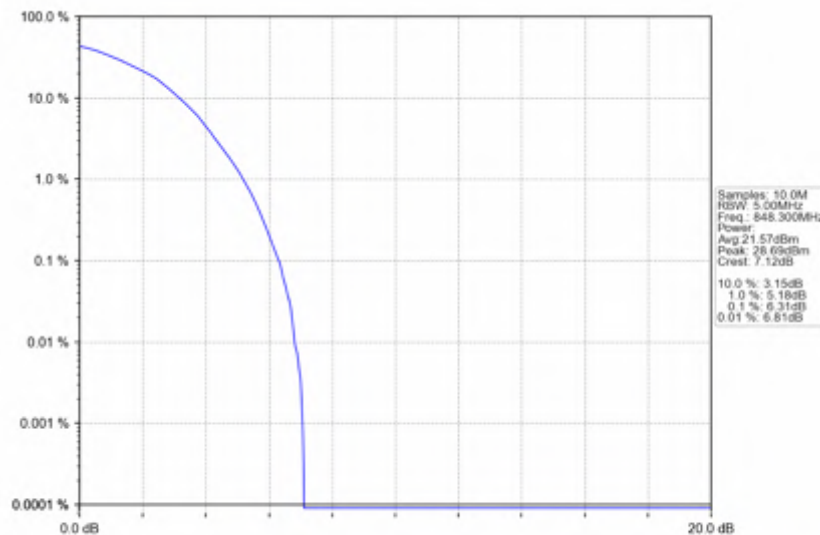
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Band26b\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



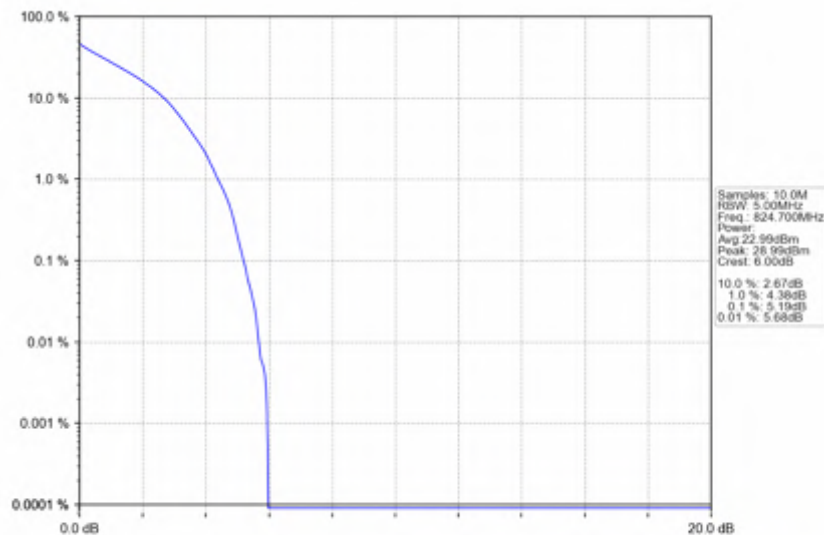
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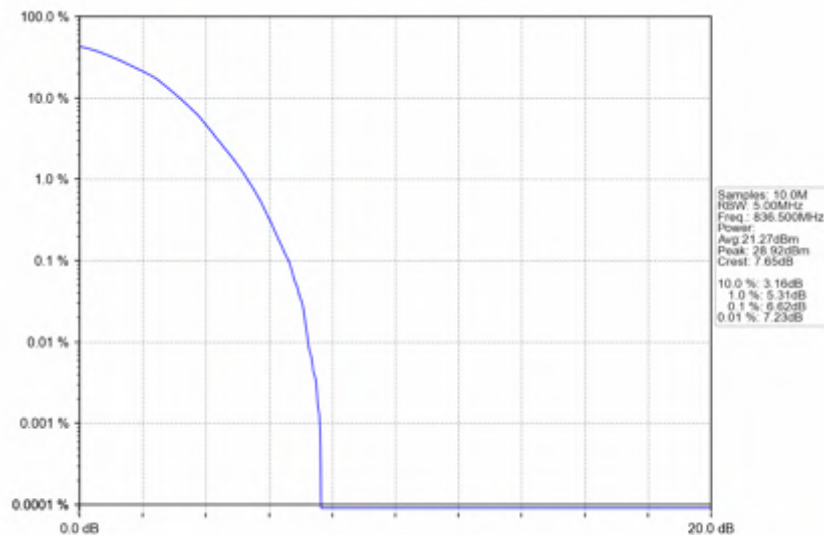
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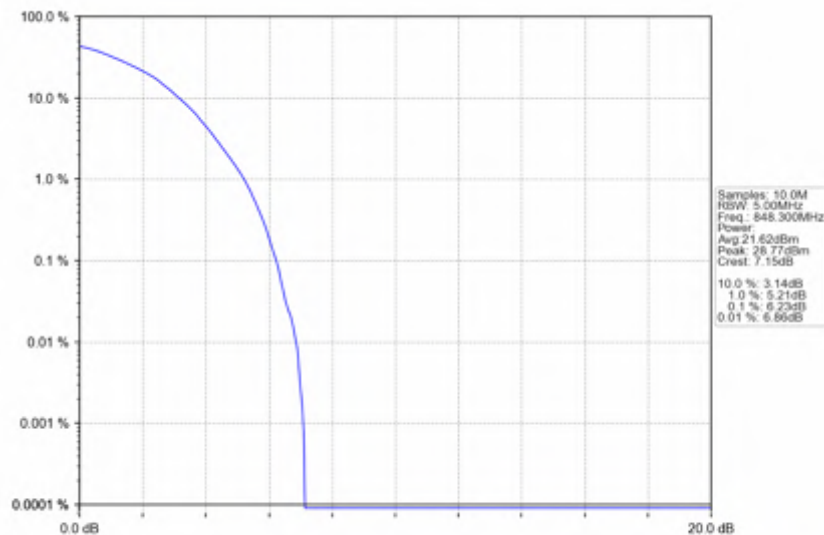


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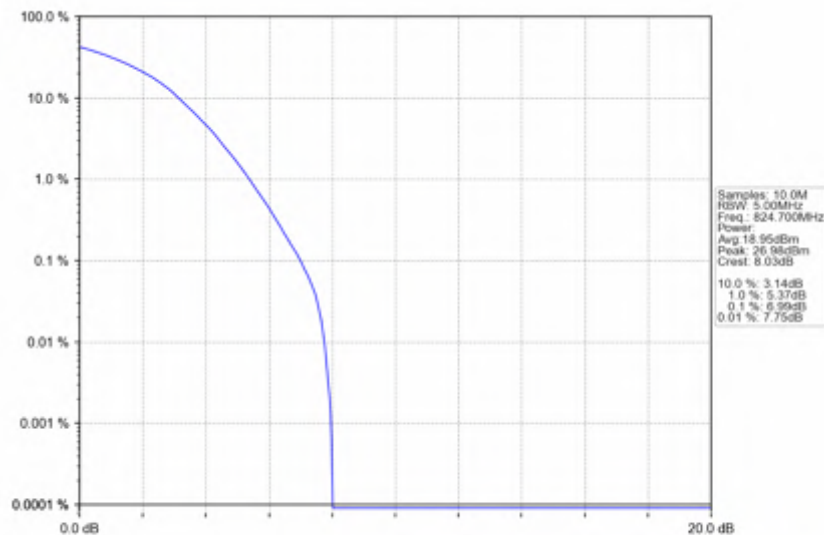
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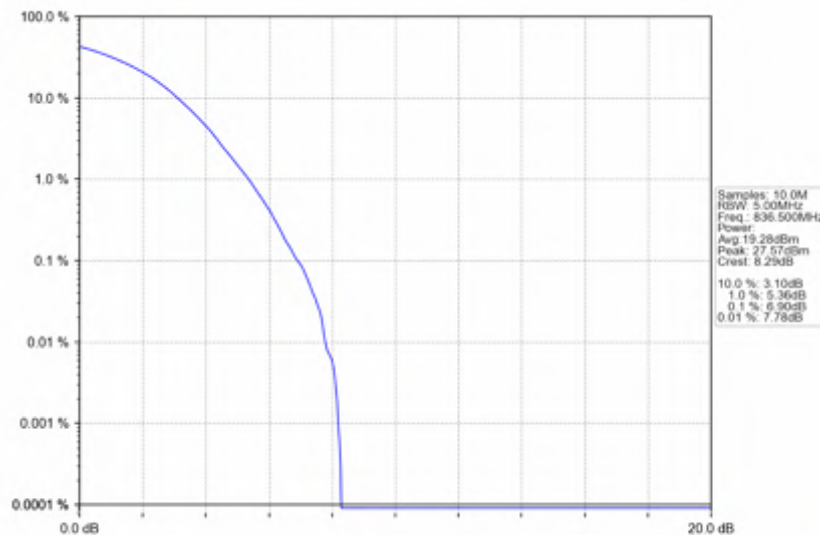
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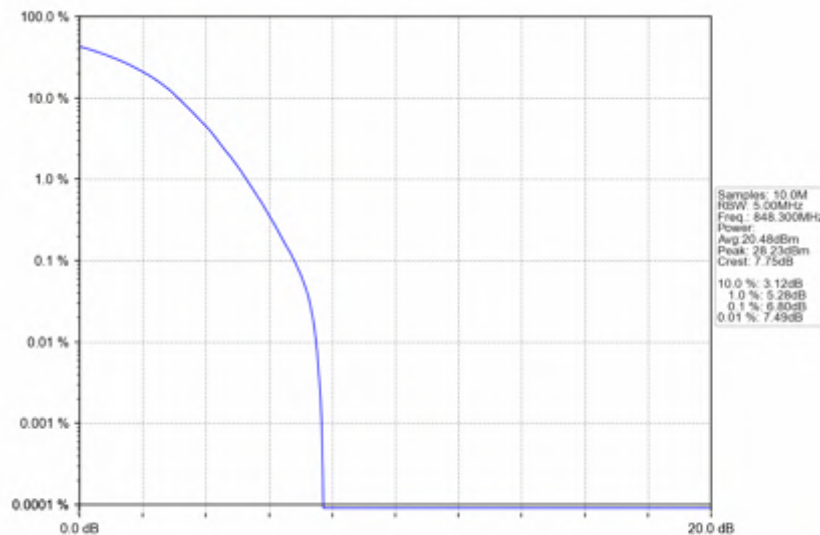
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Band26b\_1.4MHz\_256QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



Band26b\_1.4MHz\_256QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



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## 7.2 B26b\_3MHz

## 7.2.1 Test Result

| Band: 26b / Bandwidth: 3MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 825.5           | 15            | 0      | 5.28                    | <=13  | Pass    |
|                                    | 836.5           | 15            | 0      | 6.60                    | <=13  | Pass    |
|                                    | 847.5           | 15            | 0      | 6.33                    | <=13  | Pass    |
| 16QAM                              | 825.5           | 15            | 0      | 6.13                    | <=13  | Pass    |
|                                    | 836.5           | 15            | 0      | 6.63                    | <=13  | Pass    |
|                                    | 847.5           | 15            | 0      | 6.28                    | <=13  | Pass    |
| 64QAM                              | 825.5           | 15            | 0      | 6.62                    | <=13  | Pass    |
|                                    | 836.5           | 15            | 0      | 6.53                    | <=13  | Pass    |
|                                    | 847.5           | 15            | 0      | 6.31                    | <=13  | Pass    |
| 256QAM                             | 825.5           | 15            | 0      | 6.85                    | <=13  | Pass    |
|                                    | 836.5           | 15            | 0      | 6.88                    | <=13  | Pass    |
|                                    | 847.5           | 15            | 0      | 6.76                    | <=13  | Pass    |



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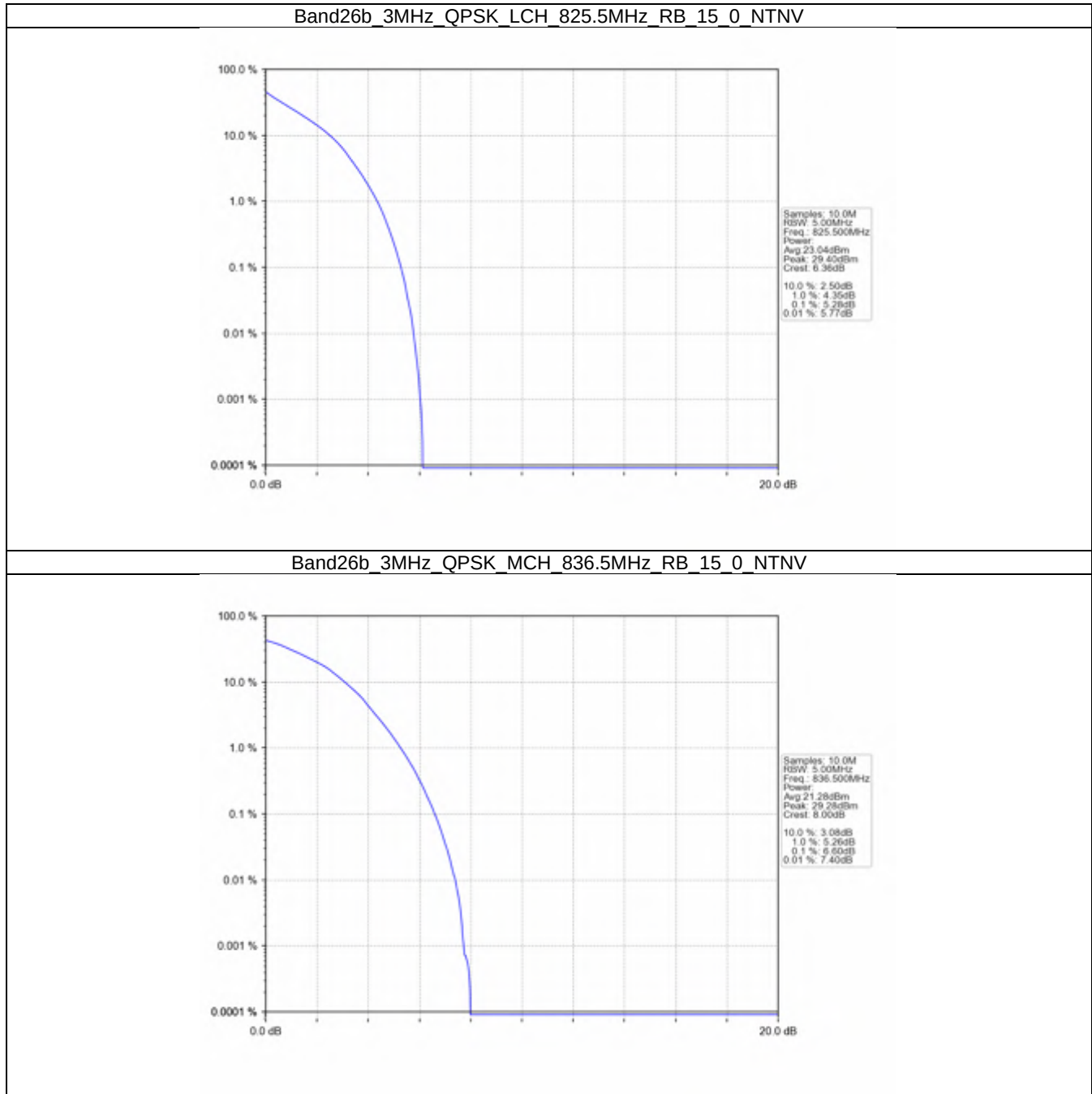
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## 7.2.2 Test Graph



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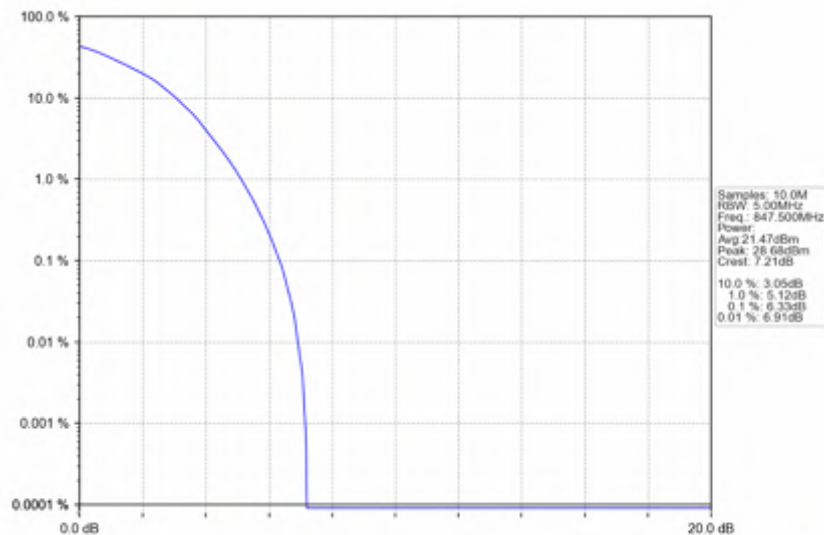
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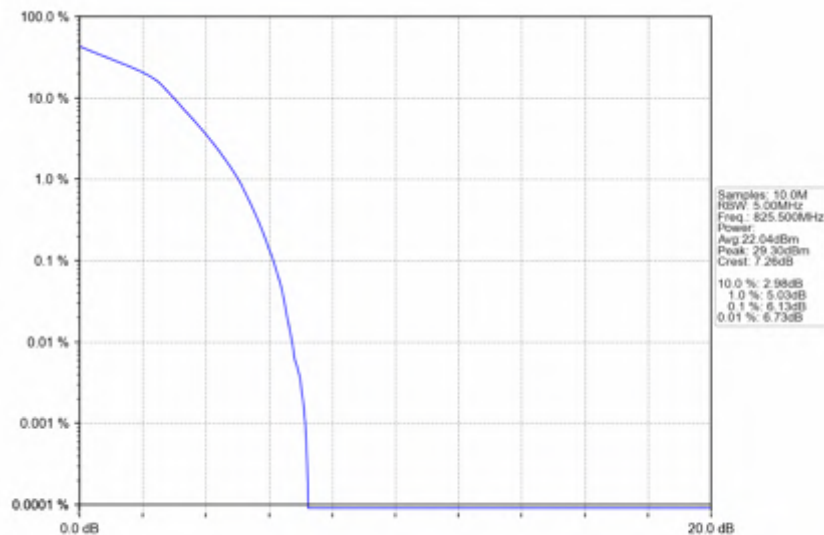
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Band26b\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



Band26b\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

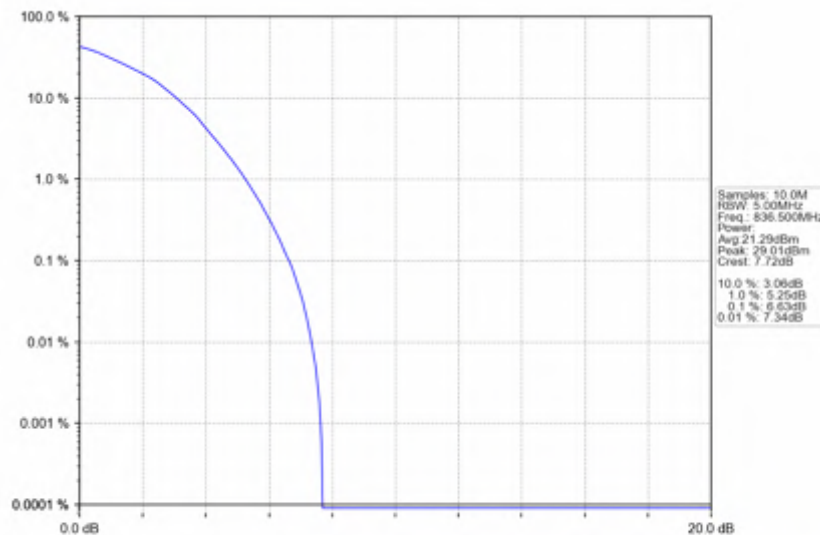


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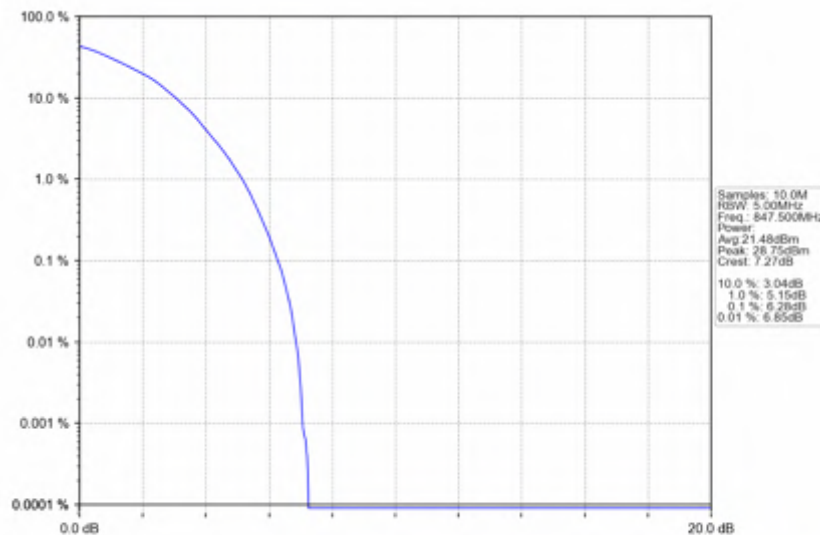
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Band26b\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



Band26b\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

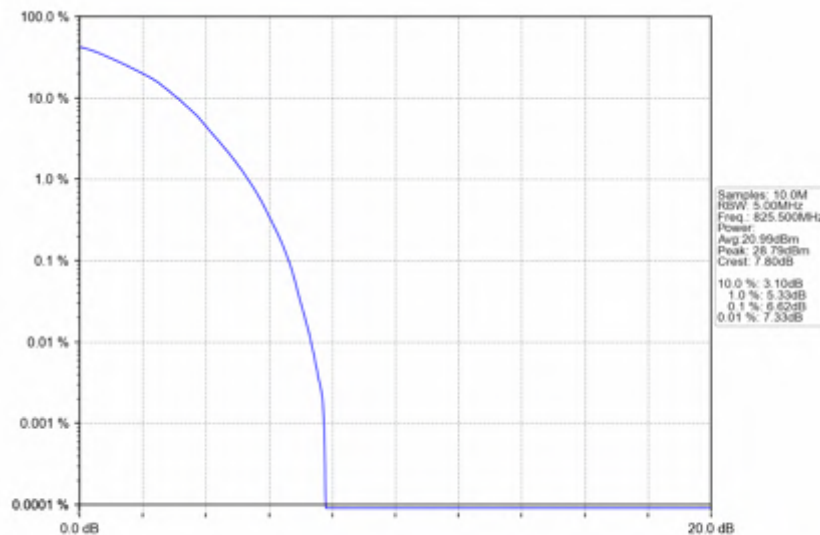


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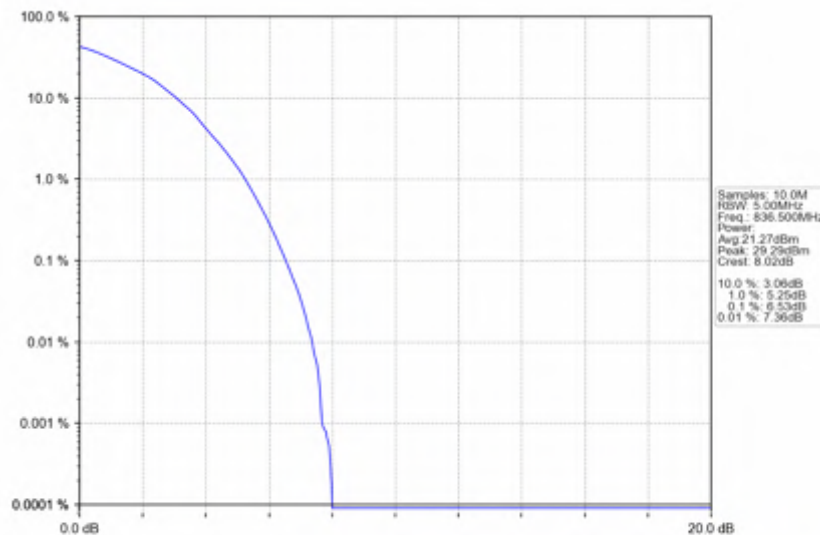
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Band26b\_3MHz\_64QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Band26b\_3MHz\_64QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



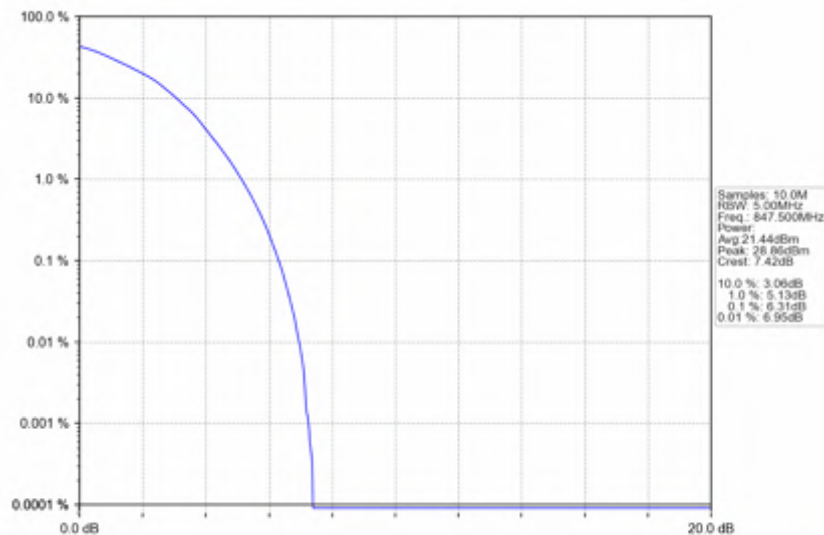
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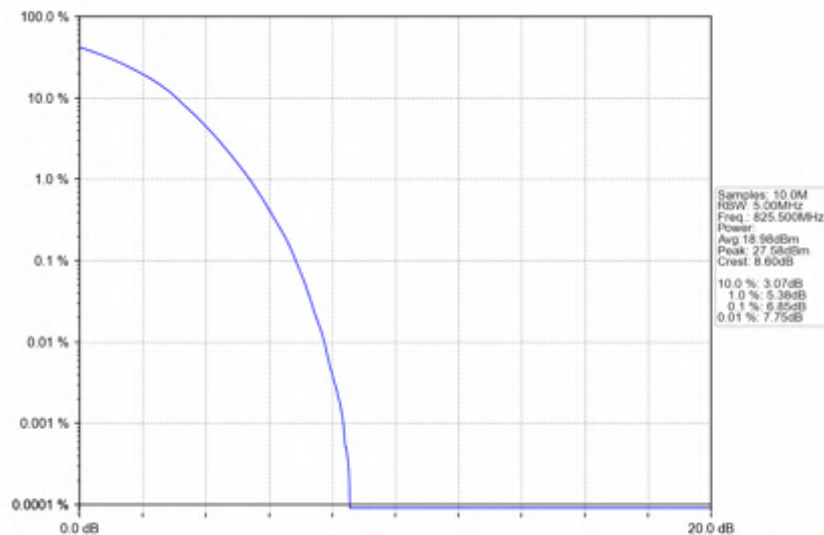
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Band26b\_3MHz\_64QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



Band26b\_3MHz\_256QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



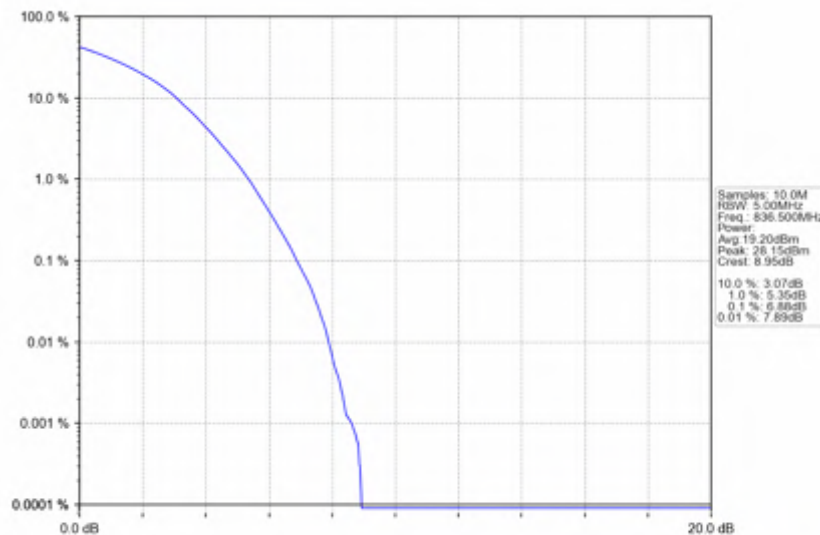
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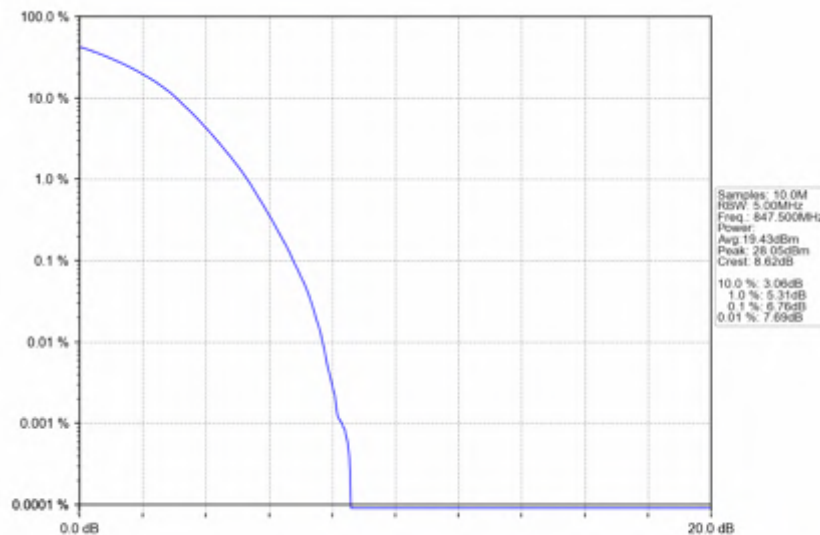
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Band26b\_3MHz\_256QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



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### 7.3 B26b\_5MHz

#### 7.3.1 Test Result

| Band: 26b / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 826.5           | 25            | 0      | 5.43                    | <=13  | Pass    |
|                                    | 836.5           | 25            | 0      | 6.53                    | <=13  | Pass    |
|                                    | 846.5           | 25            | 0      | 6.31                    | <=13  | Pass    |
| 16QAM                              | 826.5           | 25            | 0      | 6.15                    | <=13  | Pass    |
|                                    | 836.5           | 25            | 0      | 6.54                    | <=13  | Pass    |
|                                    | 846.5           | 25            | 0      | 6.32                    | <=13  | Pass    |
| 64QAM                              | 826.5           | 25            | 0      | 6.51                    | <=13  | Pass    |
|                                    | 836.5           | 25            | 0      | 6.55                    | <=13  | Pass    |
|                                    | 846.5           | 25            | 0      | 6.31                    | <=13  | Pass    |
| 256QAM                             | 826.5           | 25            | 0      | 6.77                    | <=13  | Pass    |
|                                    | 836.5           | 25            | 0      | 6.85                    | <=13  | Pass    |
|                                    | 846.5           | 25            | 0      | 6.78                    | <=13  | Pass    |



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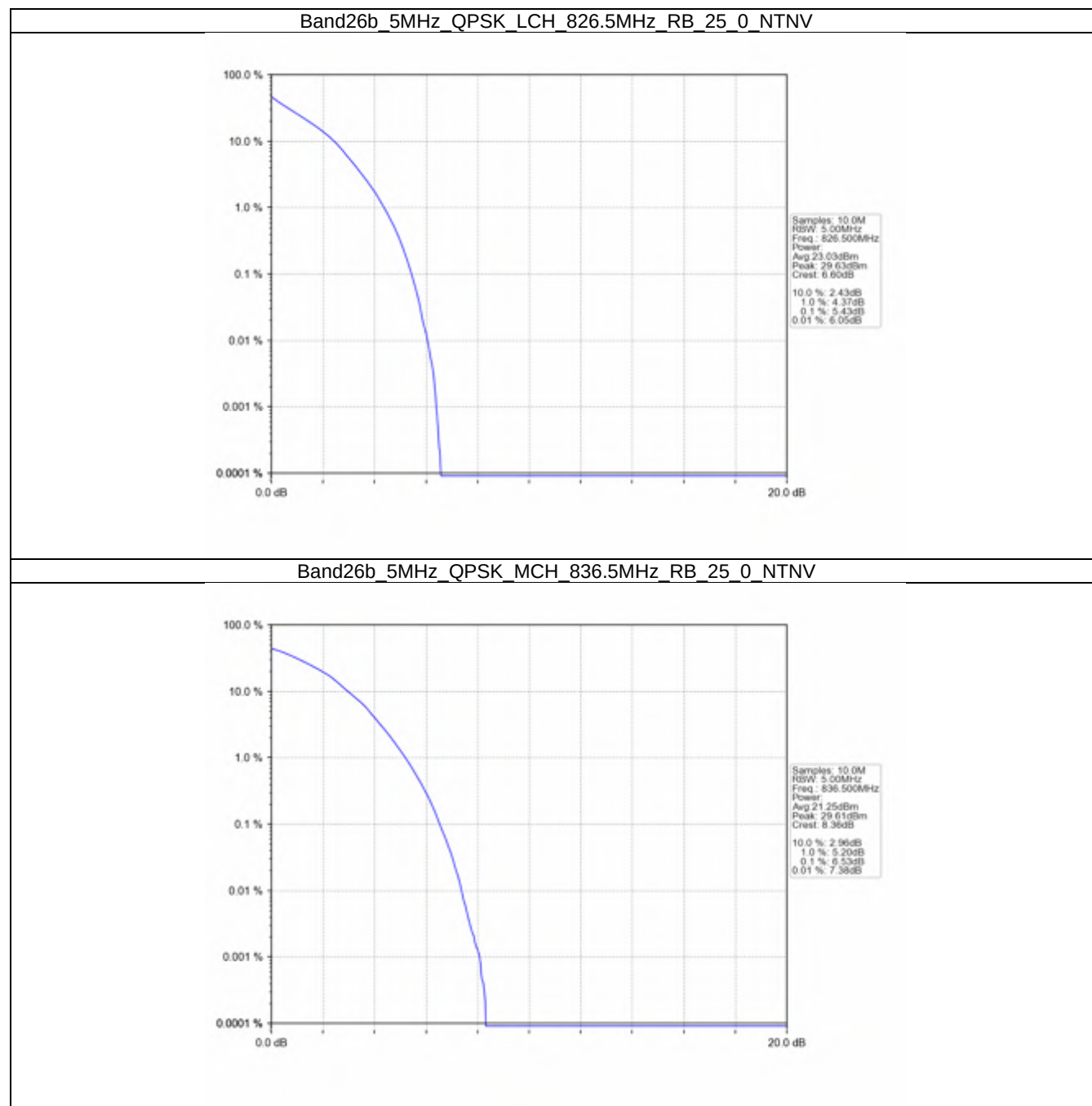
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## 7.3.2 Test Graph



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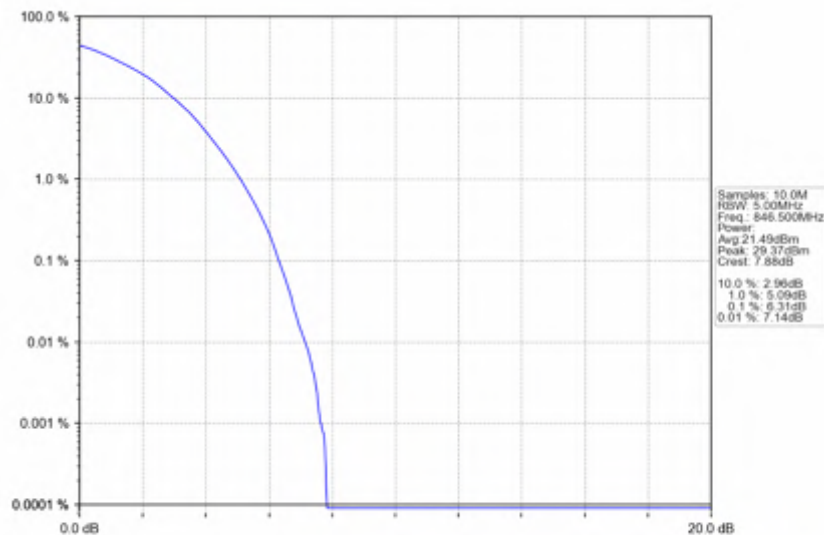
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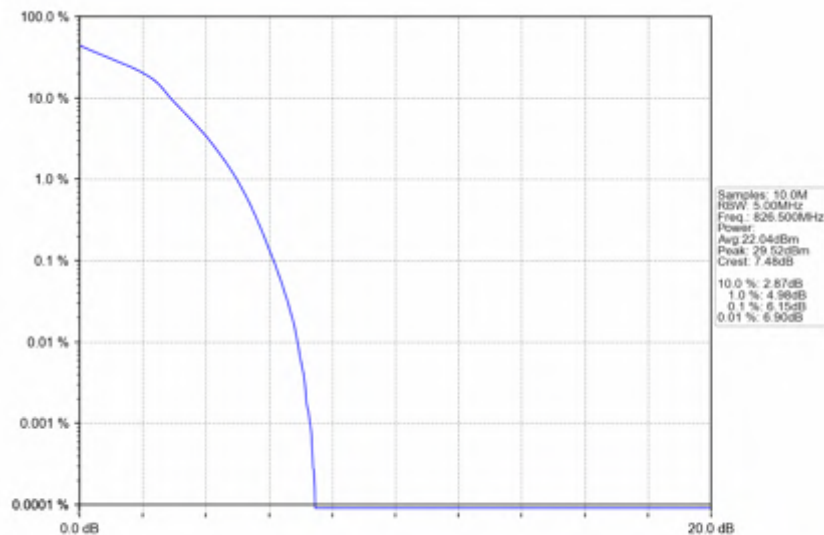
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Band26b\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Band26b\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

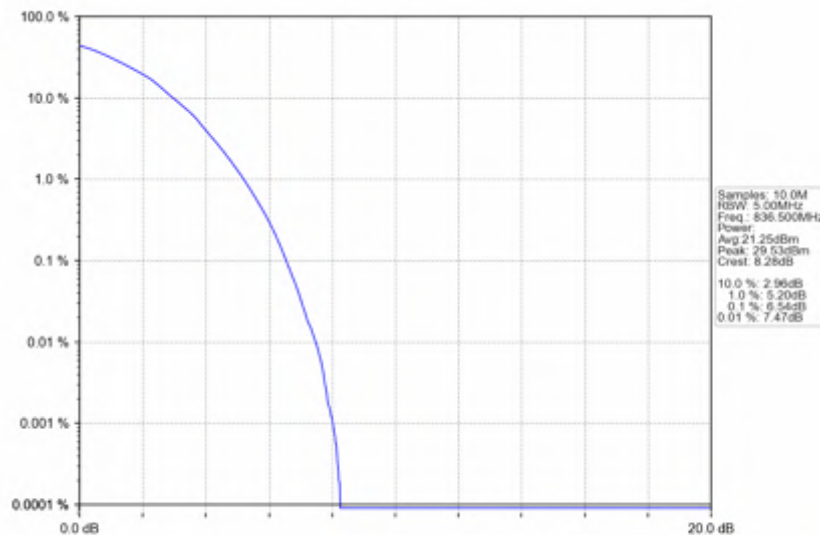


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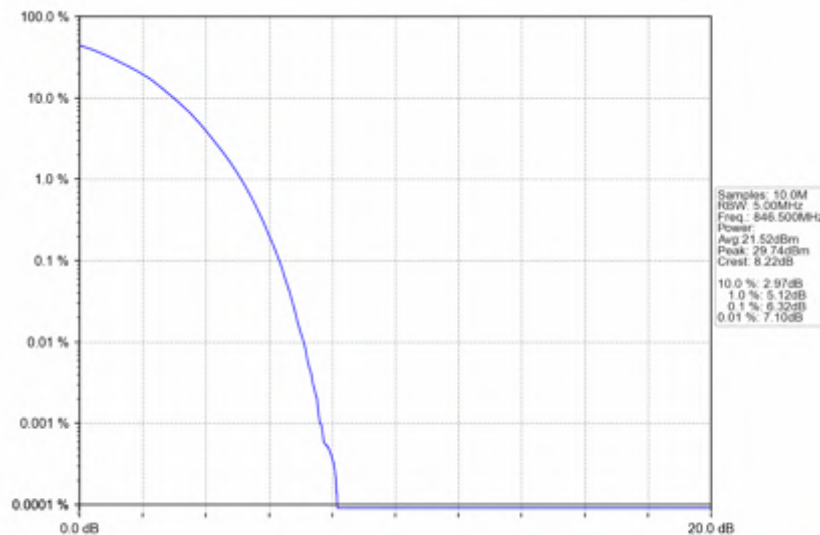
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Band26b\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

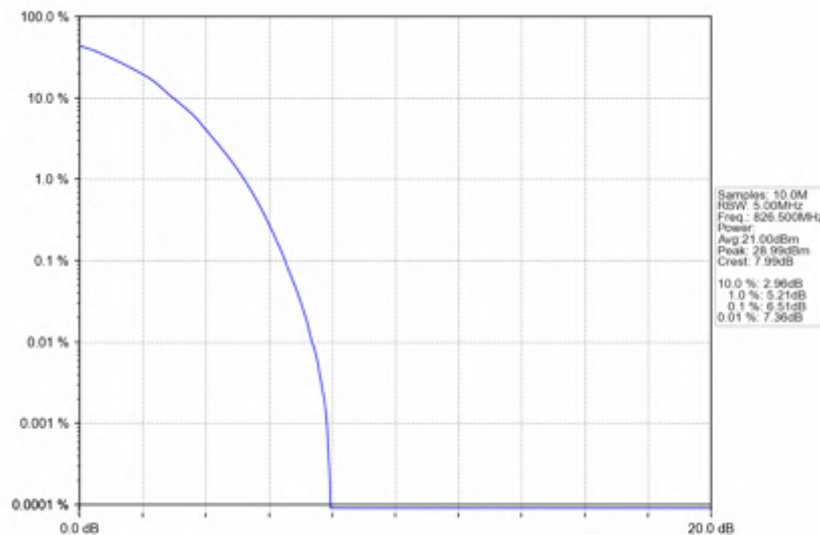


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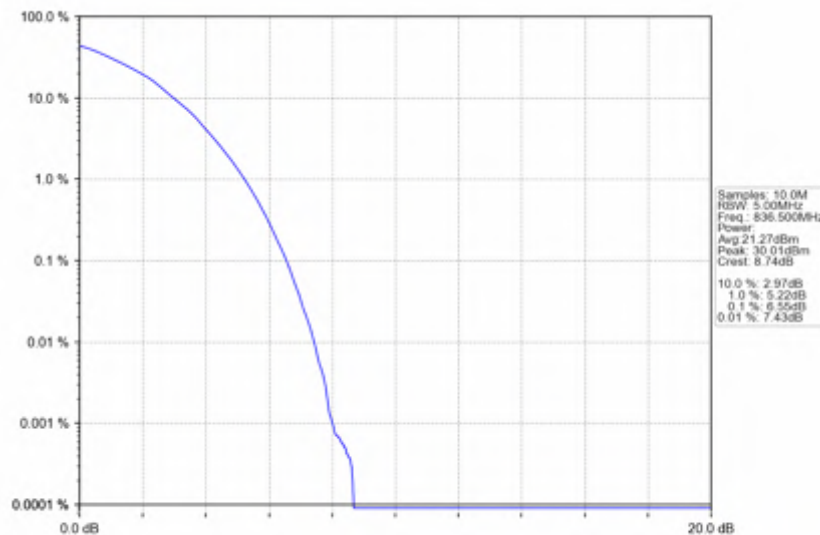
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Band26b\_5MHz\_64QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Band26b\_5MHz\_64QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



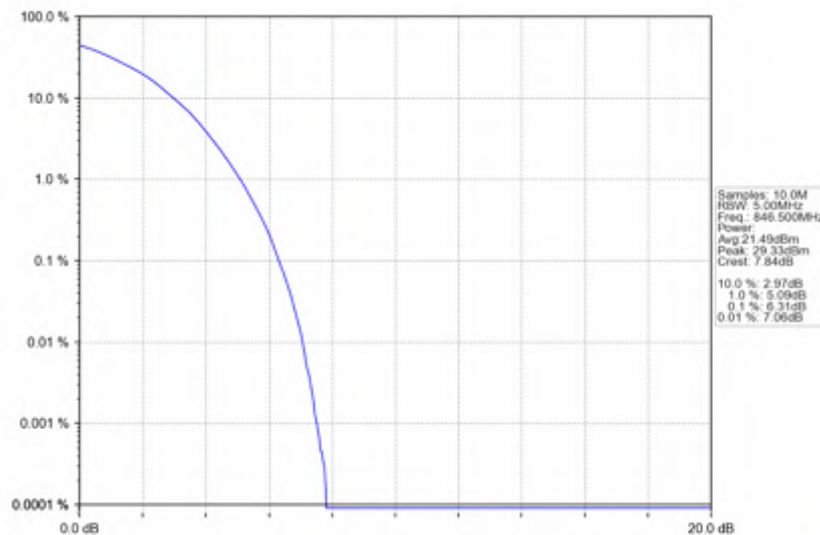
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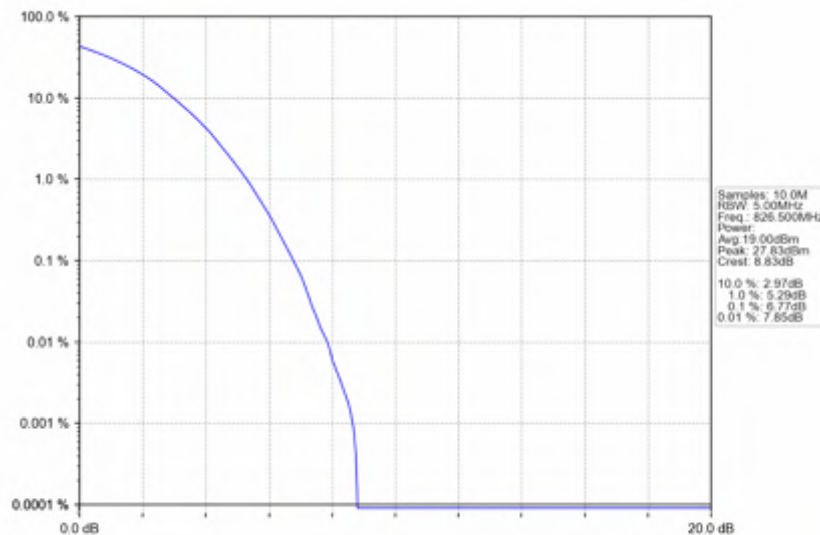
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Band26b\_5MHz\_64QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Band26b\_5MHz\_256QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



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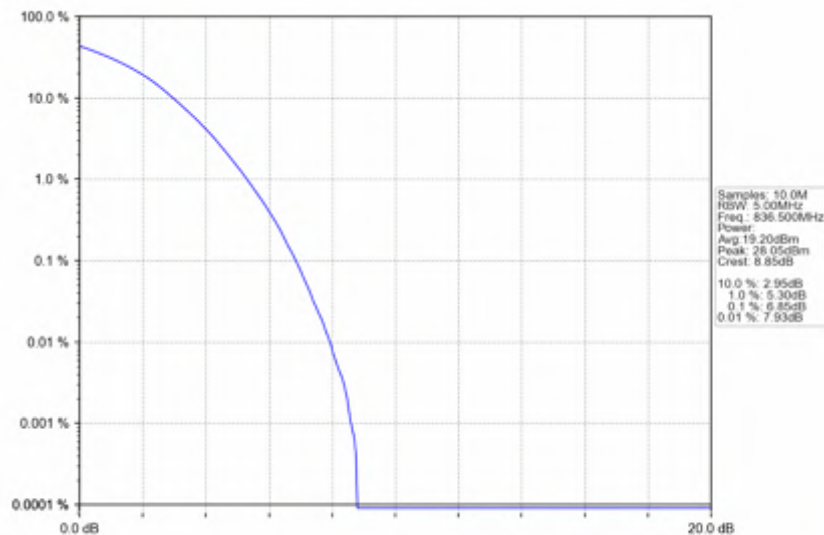
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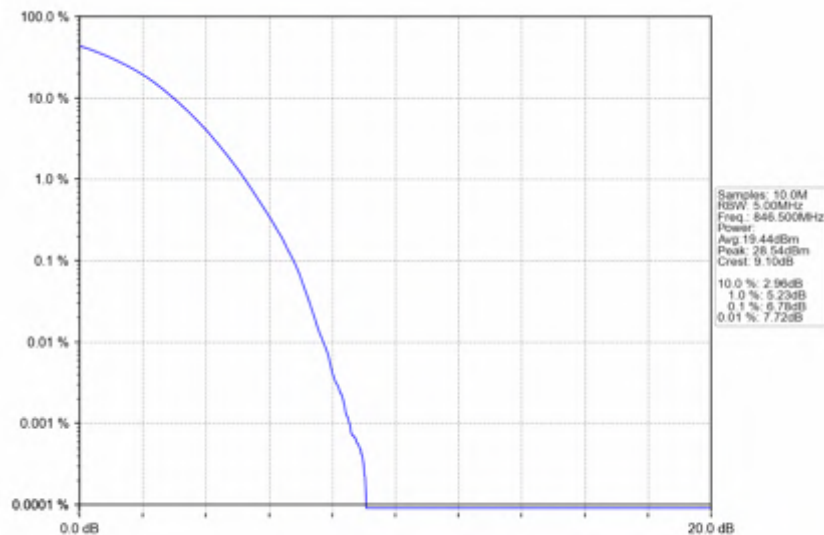
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Band26b\_5MHz\_256QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



Band26b\_5MHz\_256QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



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## 7.4 B26b\_10MHz

### 7.4.1 Test Result

| Band: 26b / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 829             | 50            | 0      | 5.38                    | <=13  | Pass    |
|                                     | 836.5           | 50            | 0      | 6.73                    | <=13  | Pass    |
|                                     | 844             | 50            | 0      | 6.65                    | <=13  | Pass    |
| 16QAM                               | 829             | 50            | 0      | 6.49                    | <=13  | Pass    |
|                                     | 836.5           | 50            | 0      | 6.67                    | <=13  | Pass    |
|                                     | 844             | 50            | 0      | 6.70                    | <=13  | Pass    |
| 64QAM                               | 829             | 50            | 0      | 6.67                    | <=13  | Pass    |
|                                     | 836.5           | 50            | 0      | 6.74                    | <=13  | Pass    |
|                                     | 844             | 50            | 0      | 6.69                    | <=13  | Pass    |
| 256QAM                              | 829             | 50            | 0      | 6.77                    | <=13  | Pass    |
|                                     | 836.5           | 50            | 0      | 6.82                    | <=13  | Pass    |
|                                     | 844             | 50            | 0      | 6.75                    | <=13  | Pass    |



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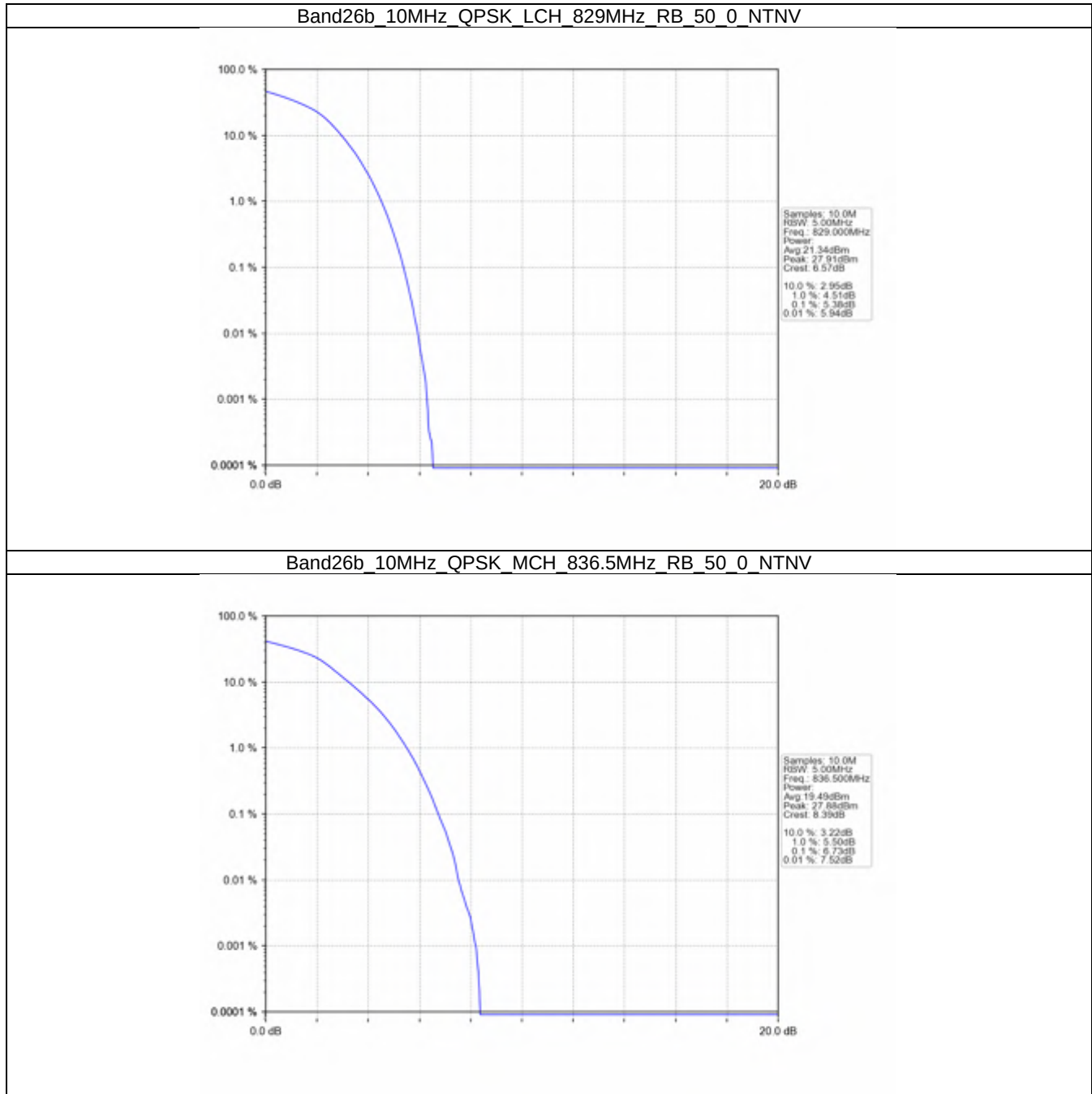
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## 7.4.2 Test Graph



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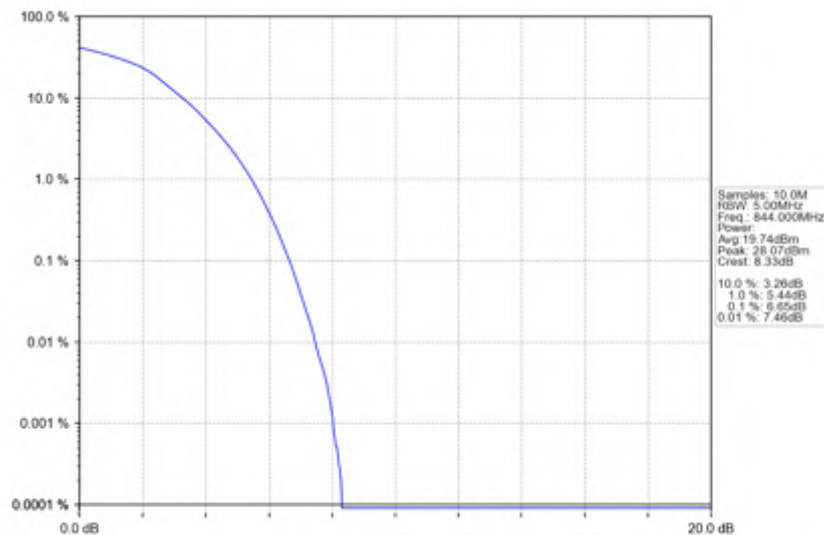
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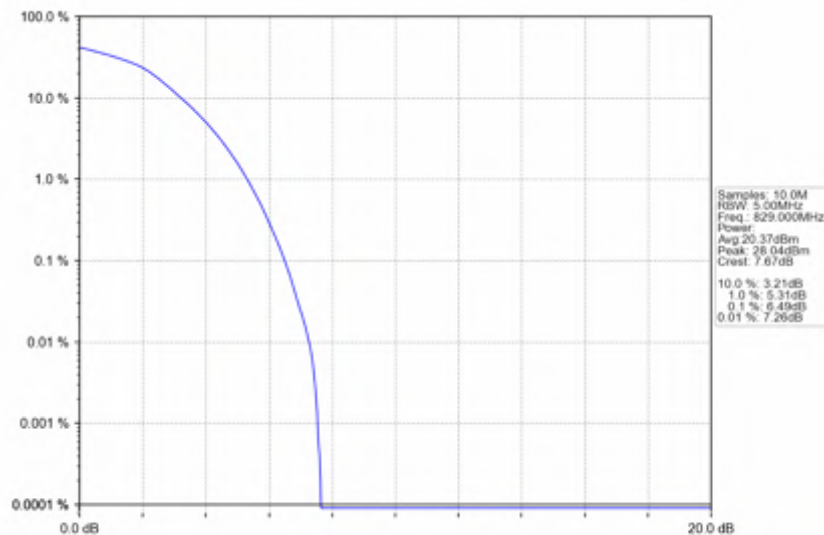
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Band26b\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



Band26b\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV

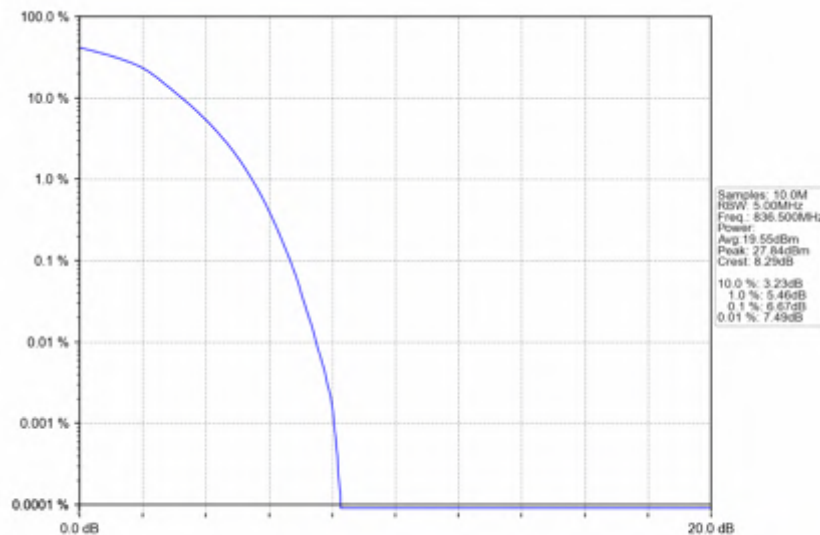


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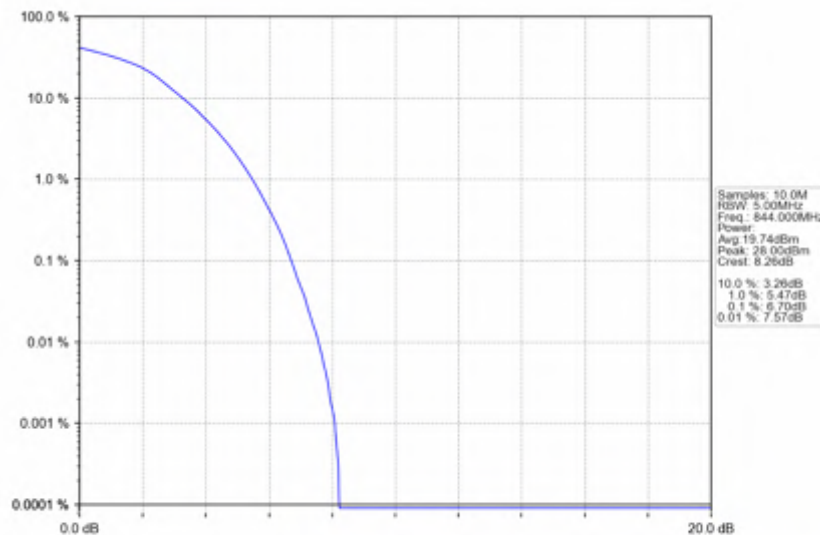
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Band26b\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band26b\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV

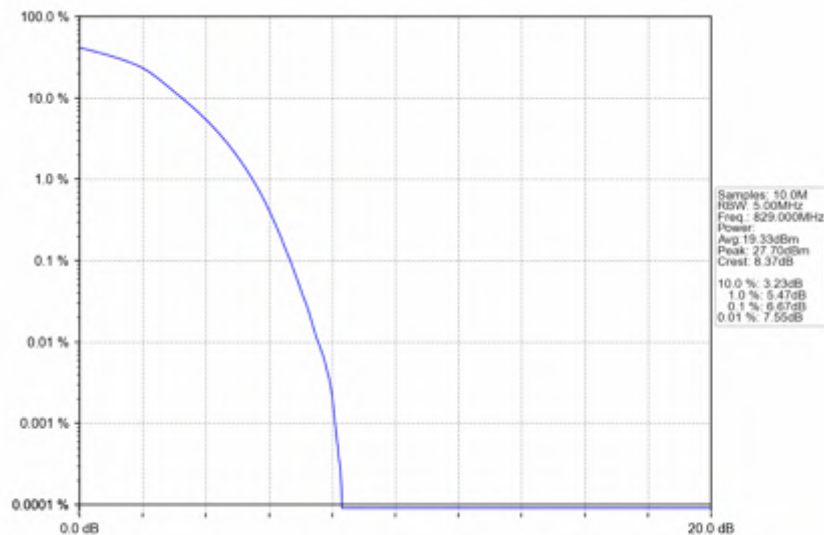


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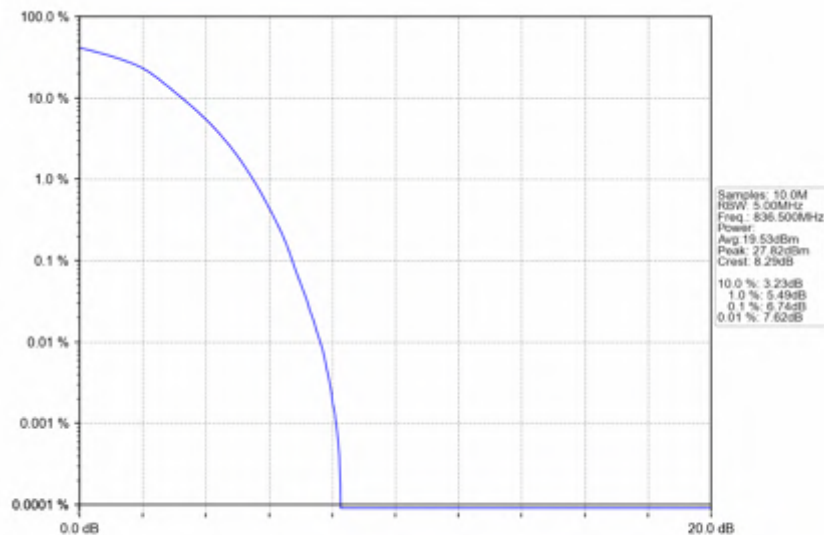
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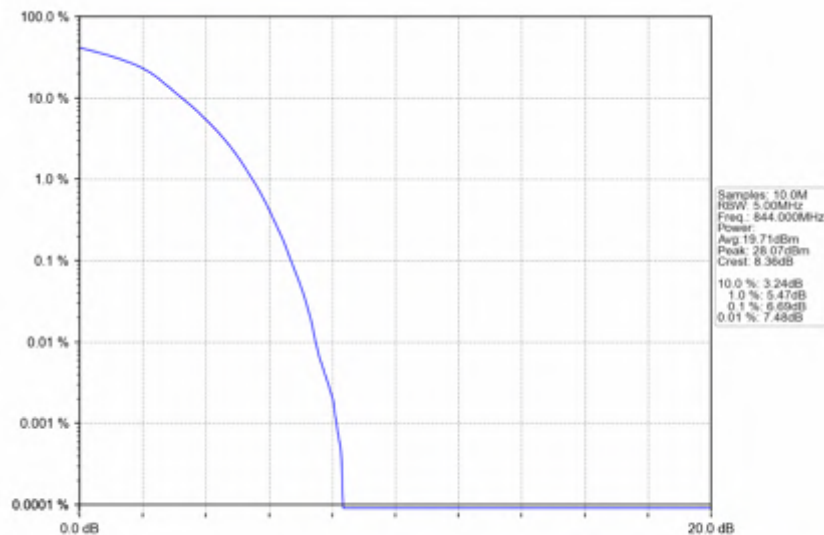


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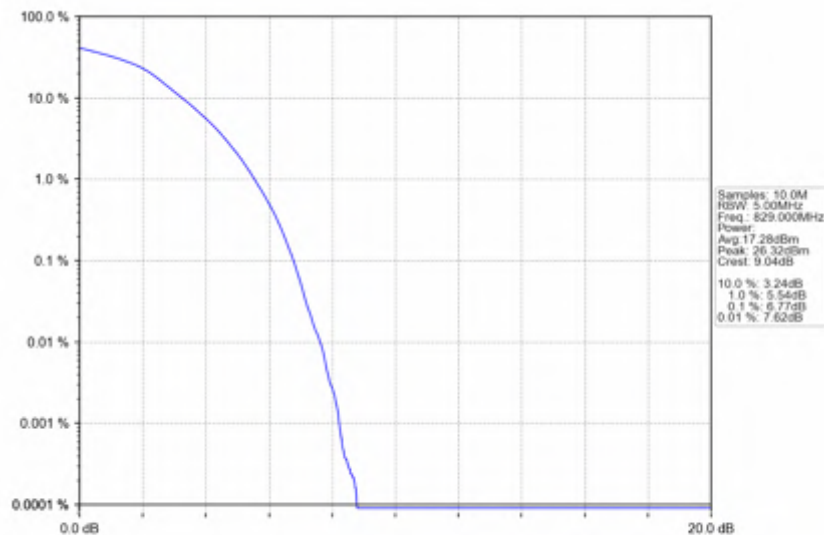
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Band26b\_10MHz\_256QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV

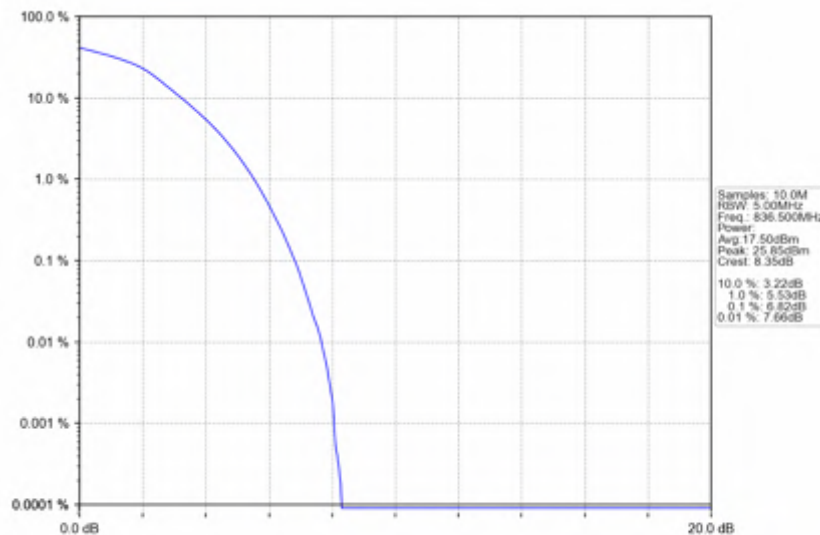


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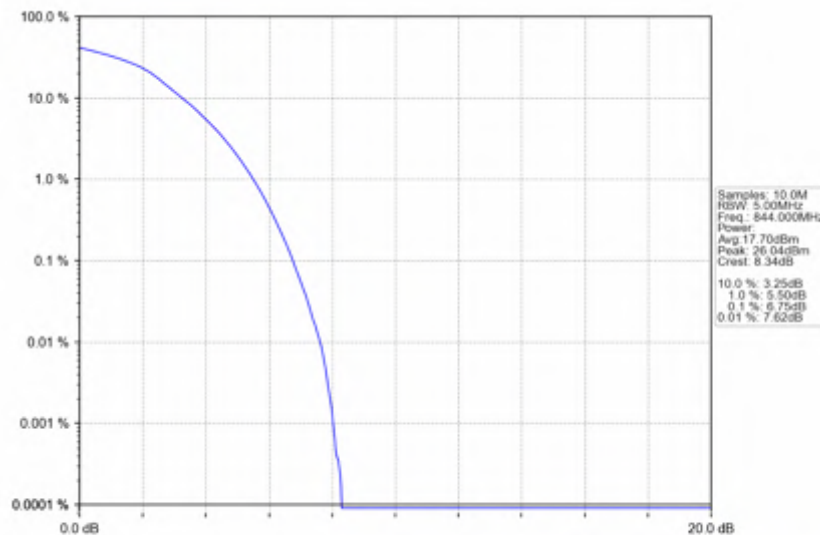
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## 8. Peak-Average Ratio

## 8.1 B26c\_15MHz

## 8.1.1 Test Result

| Band: 26c / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 831.5           | 75            | 0      | 7.14                    | <=13  | Pass    |
|                                     | 836.5           | 75            | 0      | 7.20                    | <=13  | Pass    |
|                                     | 841.5           | 75            | 0      | 7.21                    | <=13  | Pass    |
| 16QAM                               | 831.5           | 75            | 0      | 7.14                    | <=13  | Pass    |
|                                     | 836.5           | 75            | 0      | 7.20                    | <=13  | Pass    |
|                                     | 841.5           | 75            | 0      | 7.21                    | <=13  | Pass    |
| 64QAM                               | 831.5           | 75            | 0      | 7.13                    | <=13  | Pass    |
|                                     | 836.5           | 75            | 0      | 7.20                    | <=13  | Pass    |
|                                     | 841.5           | 75            | 0      | 7.21                    | <=13  | Pass    |
| 256QAM                              | 831.5           | 75            | 0      | 7.23                    | <=13  | Pass    |
|                                     | 836.5           | 75            | 0      | 7.28                    | <=13  | Pass    |
|                                     | 841.5           | 75            | 0      | 7.23                    | <=13  | Pass    |



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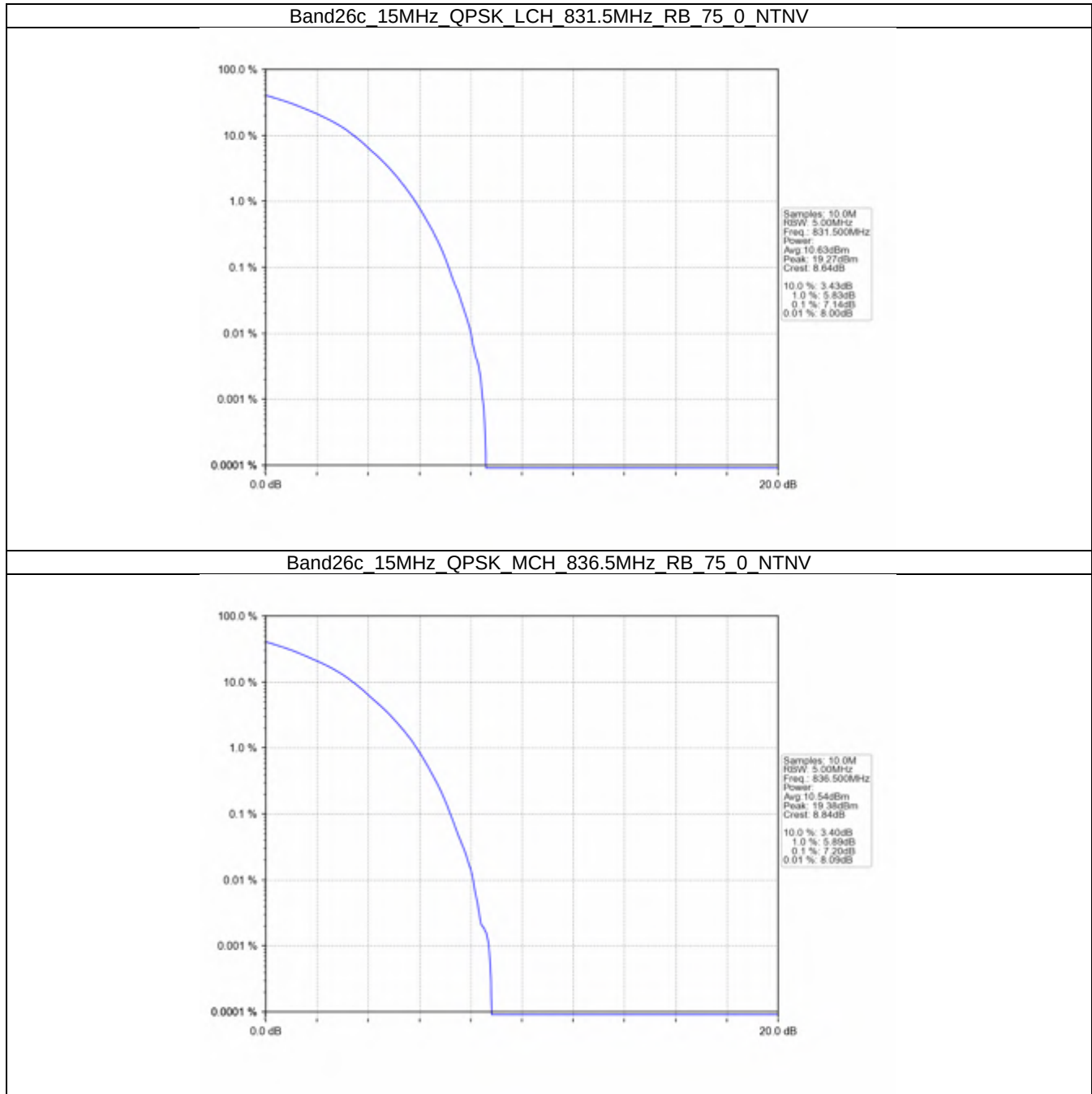
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## 8.1.2 Test Graph



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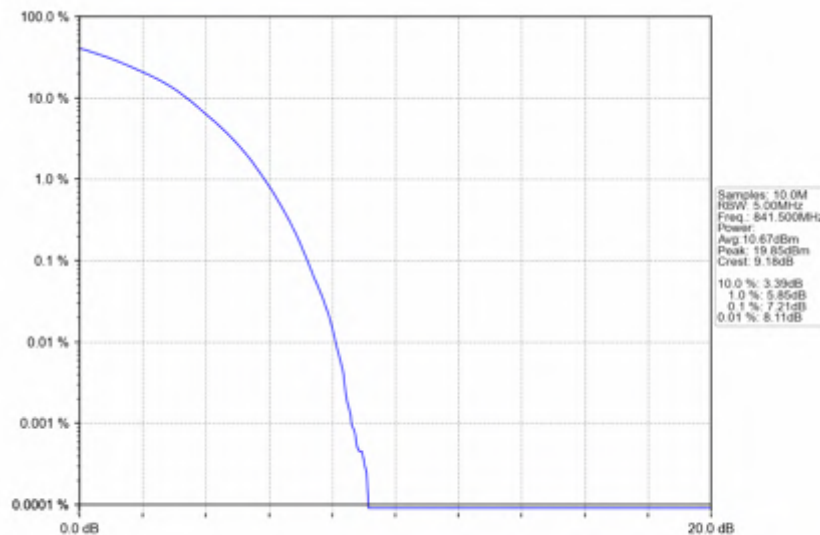
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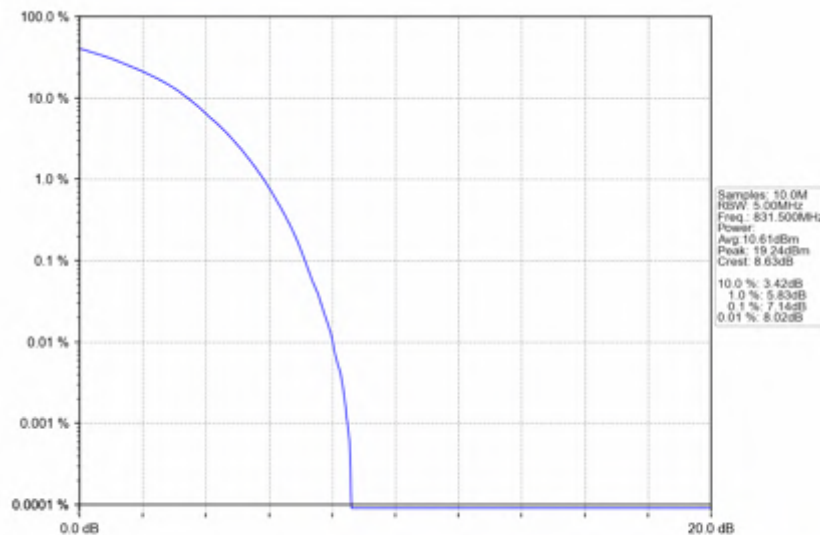
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Band26c\_15MHz\_QPSK\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_16QAM\_LCH\_831.5MHz\_RB\_75\_0\_NTNV



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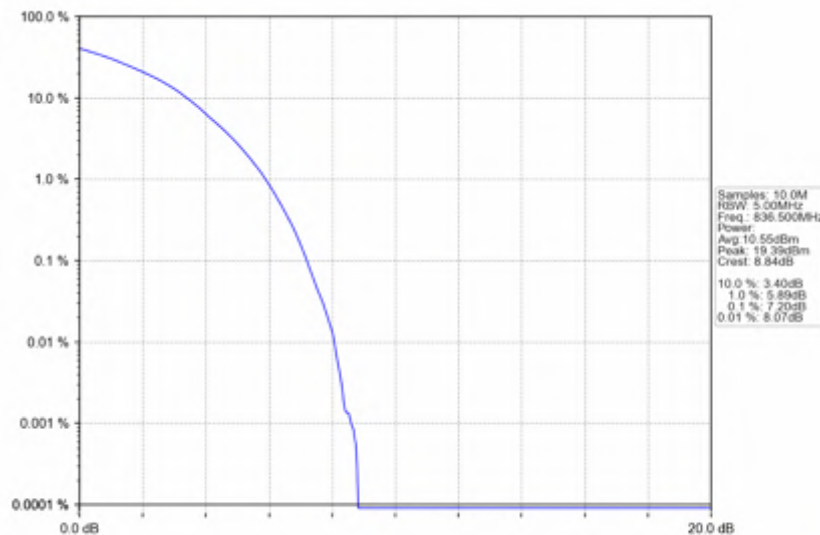
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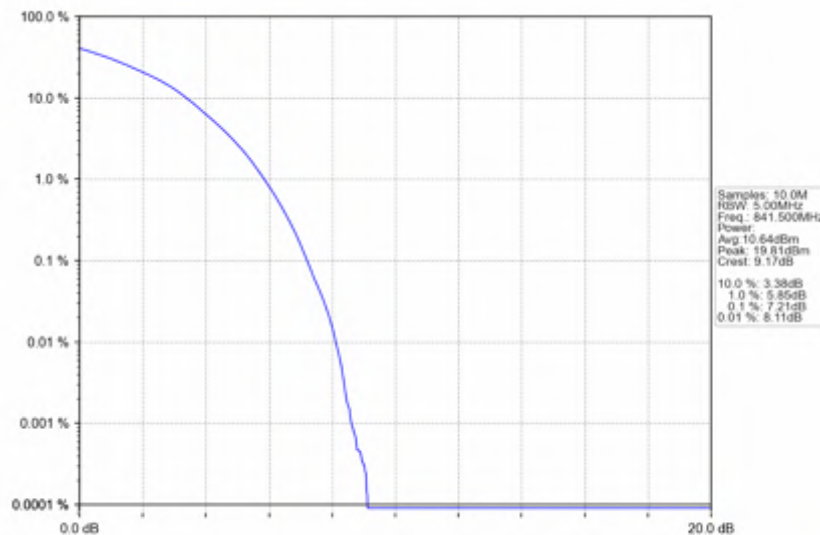
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Band26c\_15MHz\_16QAM\_MCH\_836.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_16QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



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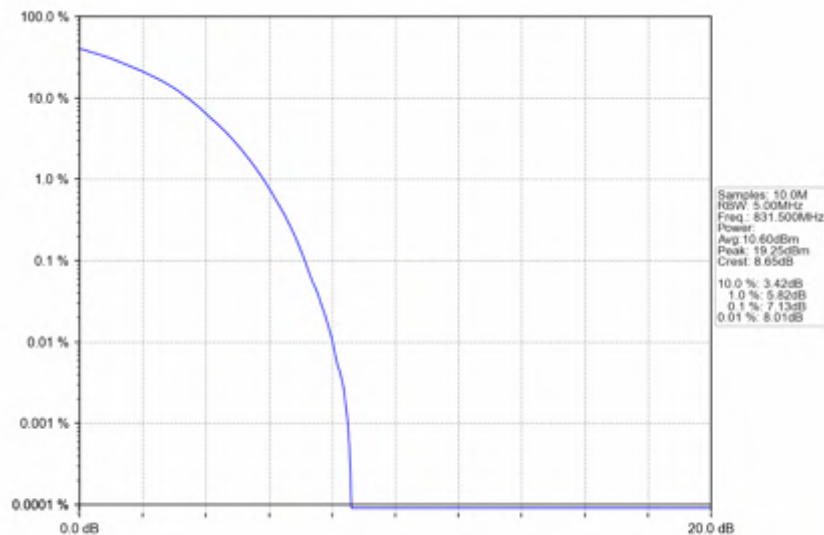
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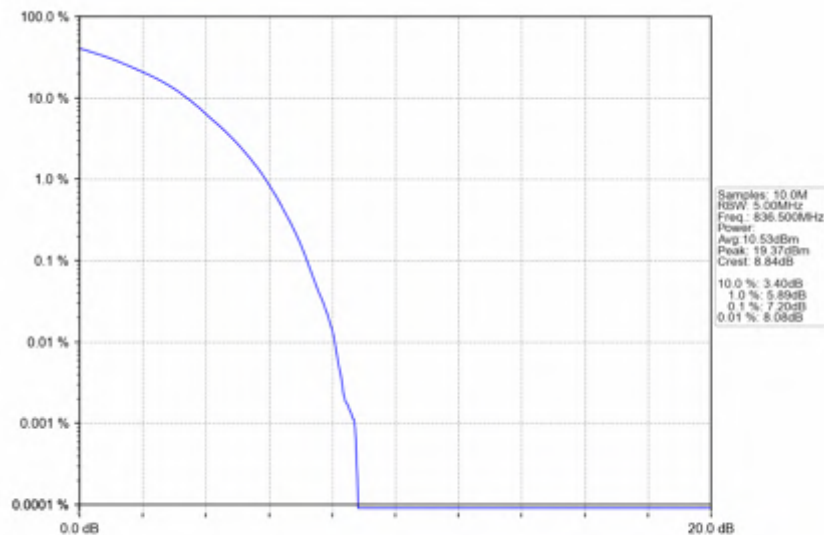
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Band26c\_15MHz\_64QAM\_LCH\_831.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_64QAM\_MCH\_836.5MHz\_RB\_75\_0\_NTNV

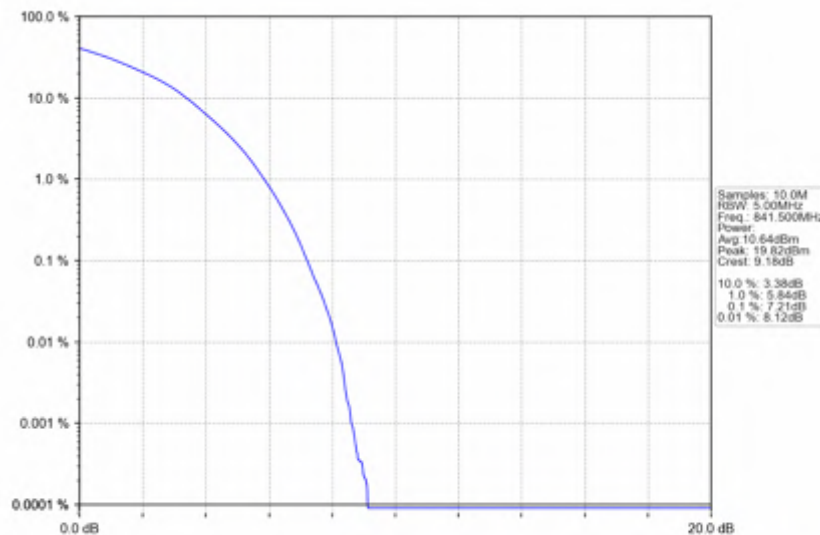


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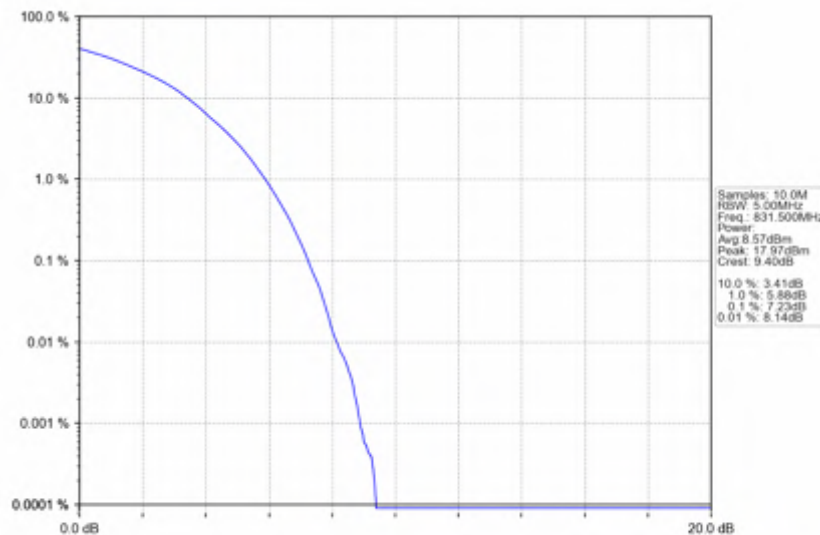
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Band26c\_15MHz\_64QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_256QAM\_LCH\_831.5MHz\_RB\_75\_0\_NTNV

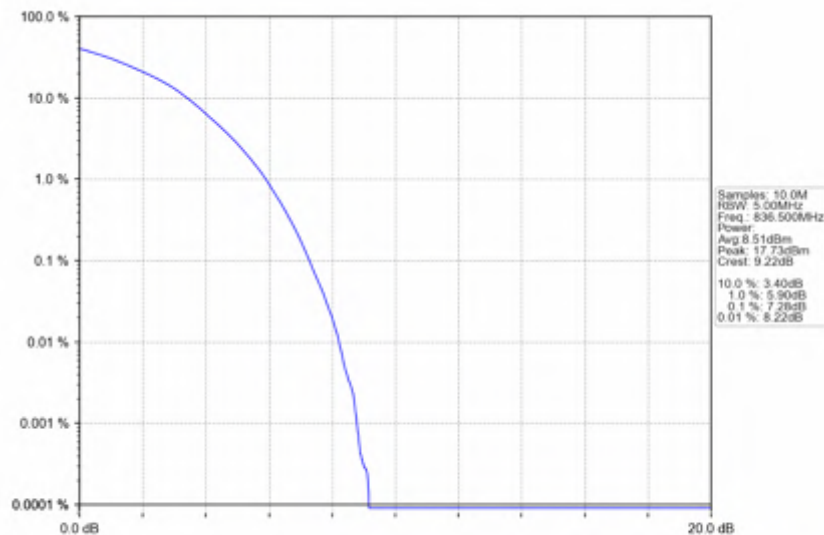


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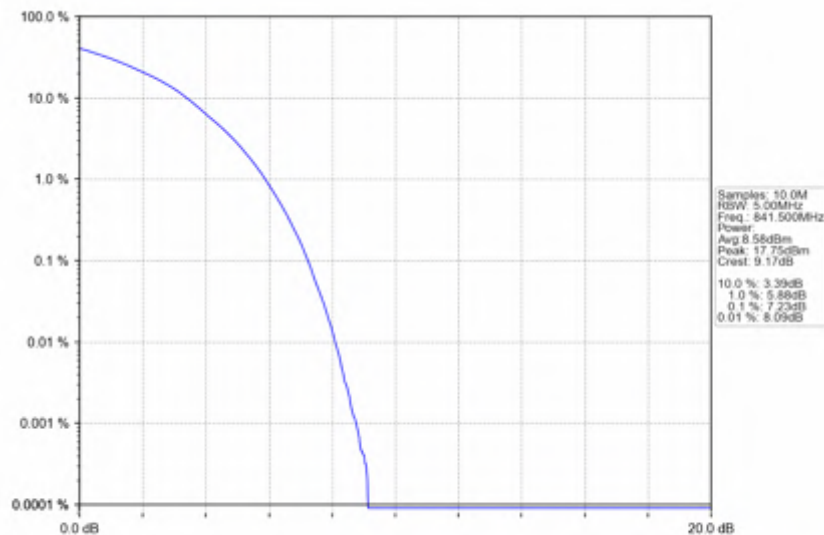
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Band26c\_15MHz\_256QAM\_MCH\_836.5MHz\_RB\_75\_0\_NTNV



Band26c\_15MHz\_256QAM\_HCH\_841.5MHz\_RB\_75\_0\_NTNV



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## 9. Peak-Average Ratio

## 9.1 B38\_5MHz

## 9.1.1 Test Result

| Band: 38 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2572.5          | 25            | 0      | 7.63                    | <=13  | Pass    |
|                                   | 2595            | 25            | 0      | 8.69                    | <=13  | Pass    |
|                                   | 2617.5          | 25            | 0      | 8.81                    | <=13  | Pass    |
| 16QAM                             | 2572.5          | 25            | 0      | 8.31                    | <=13  | Pass    |
|                                   | 2595            | 25            | 0      | 8.67                    | <=13  | Pass    |
|                                   | 2617.5          | 25            | 0      | 8.79                    | <=13  | Pass    |
| 64QAM                             | 2572.5          | 25            | 0      | 8.74                    | <=13  | Pass    |
|                                   | 2595            | 25            | 0      | 8.68                    | <=13  | Pass    |
|                                   | 2617.5          | 25            | 0      | 8.86                    | <=13  | Pass    |
| 256QAM                            | 2572.5          | 25            | 0      | 8.91                    | <=13  | Pass    |
|                                   | 2595            | 25            | 0      | 8.91                    | <=13  | Pass    |
|                                   | 2617.5          | 25            | 0      | 9.07                    | <=13  | Pass    |



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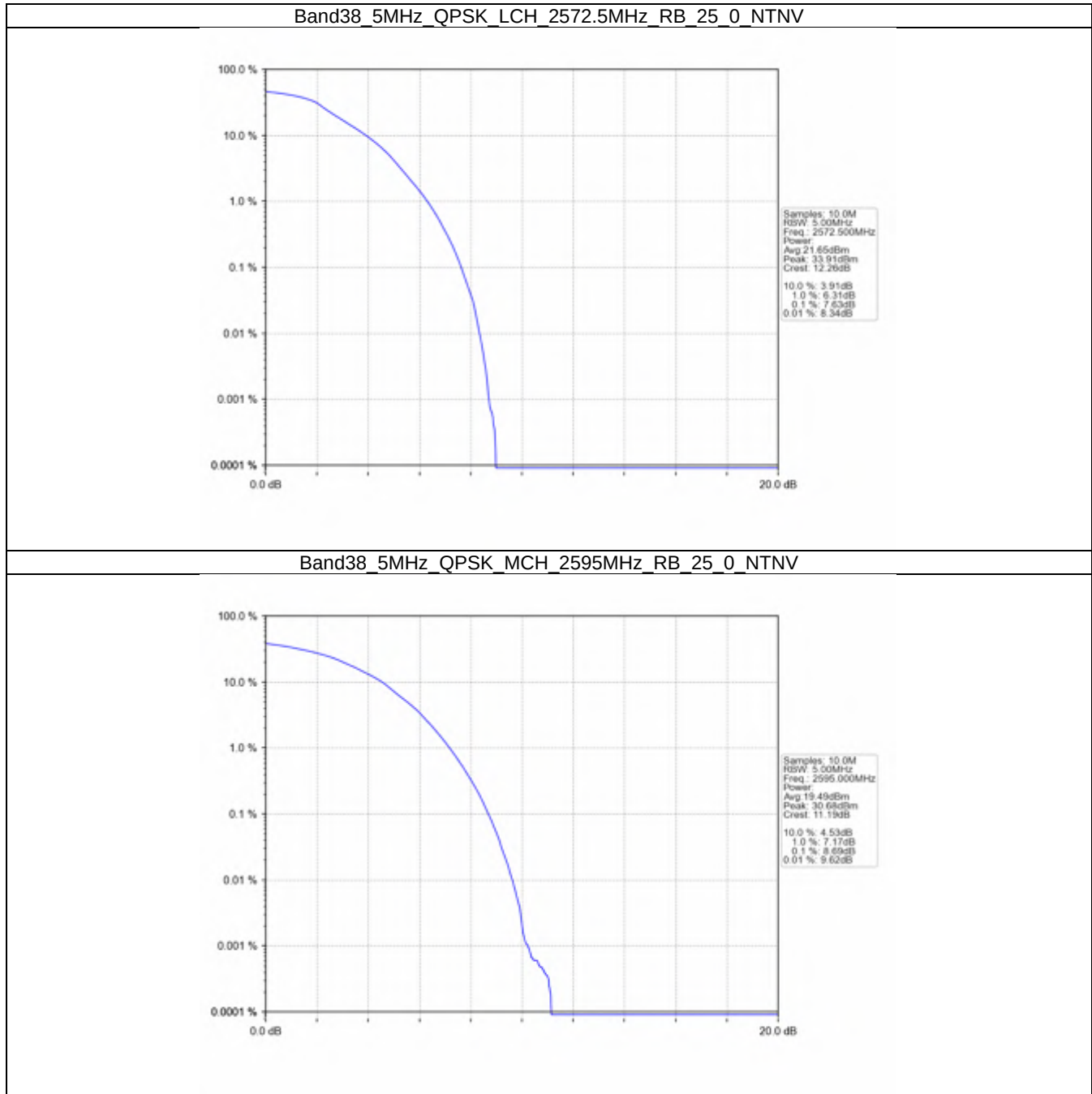
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## 9.1.2 Test Graph



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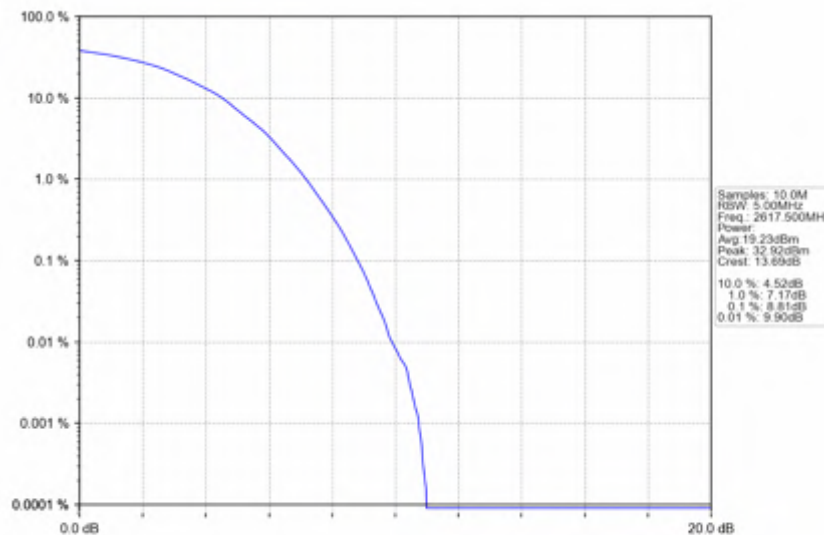
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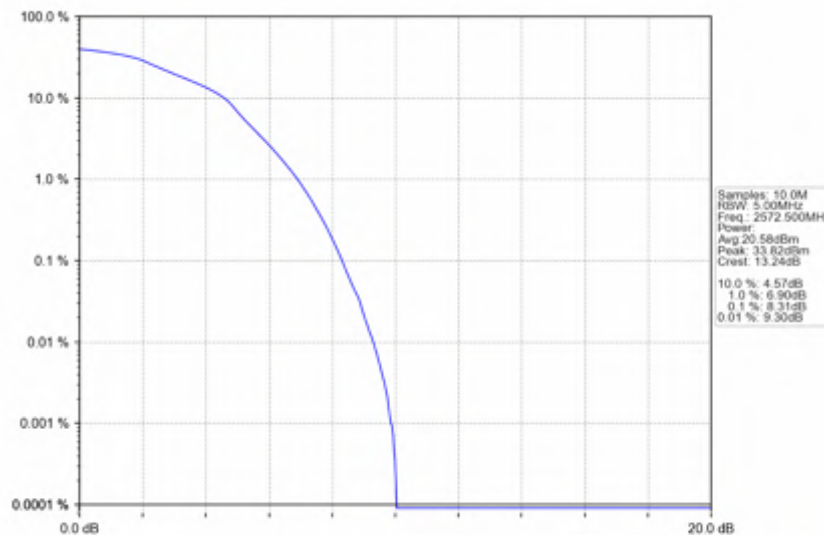
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Band38\_5MHz\_QPSK\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV



Band38\_5MHz\_16QAM\_LCH\_2572.5MHz\_RB\_25\_0\_NTNV

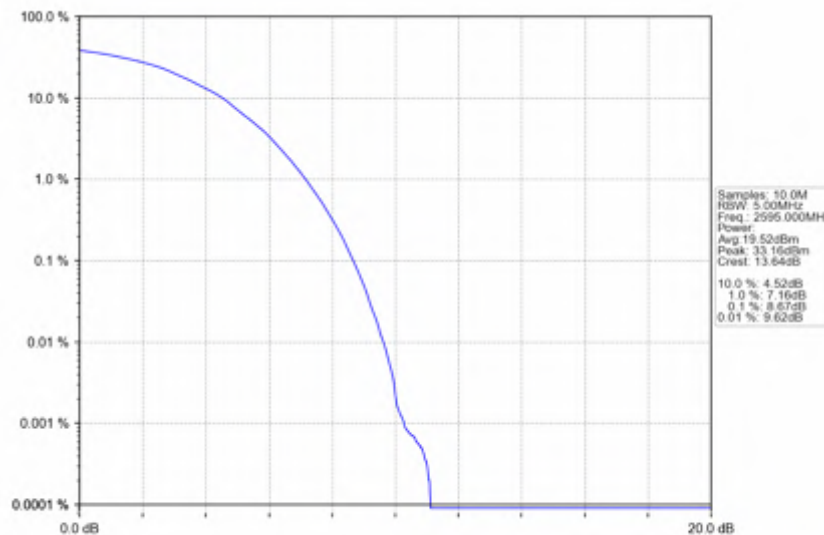


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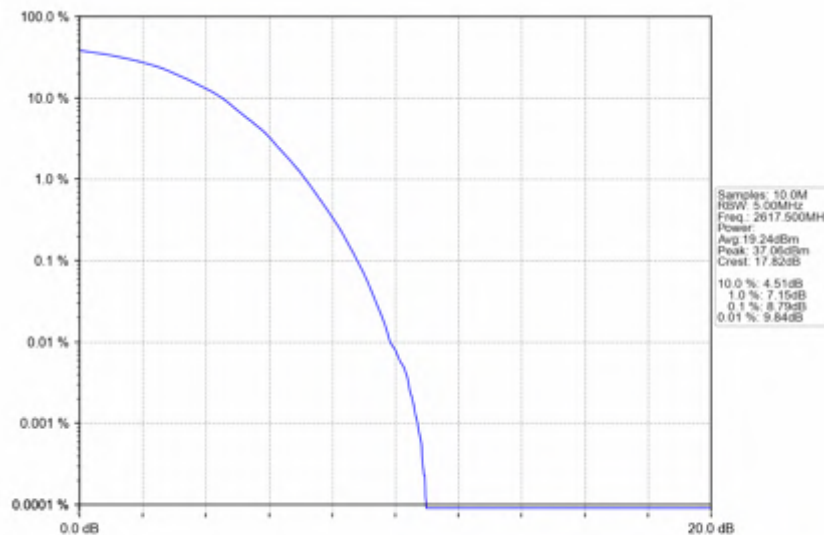
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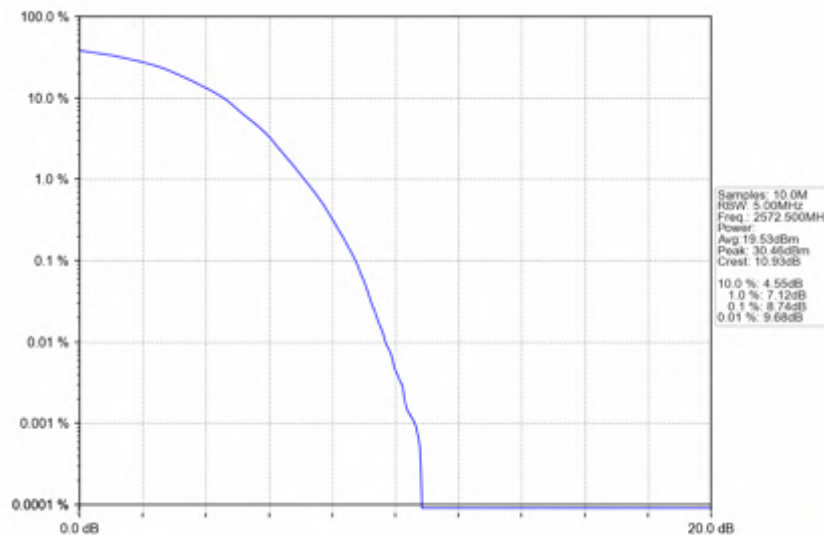


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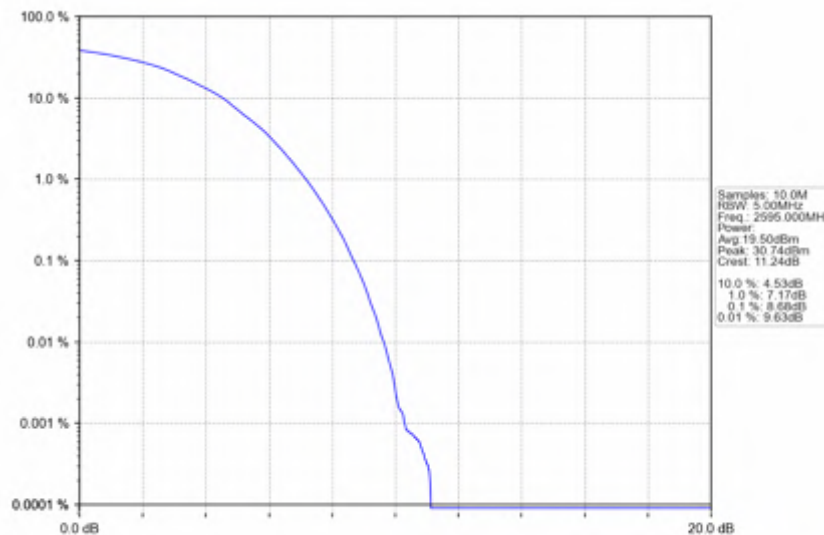
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Band38\_5MHz\_64QAM\_MCH\_2595MHz\_RB\_25\_0\_NTNV



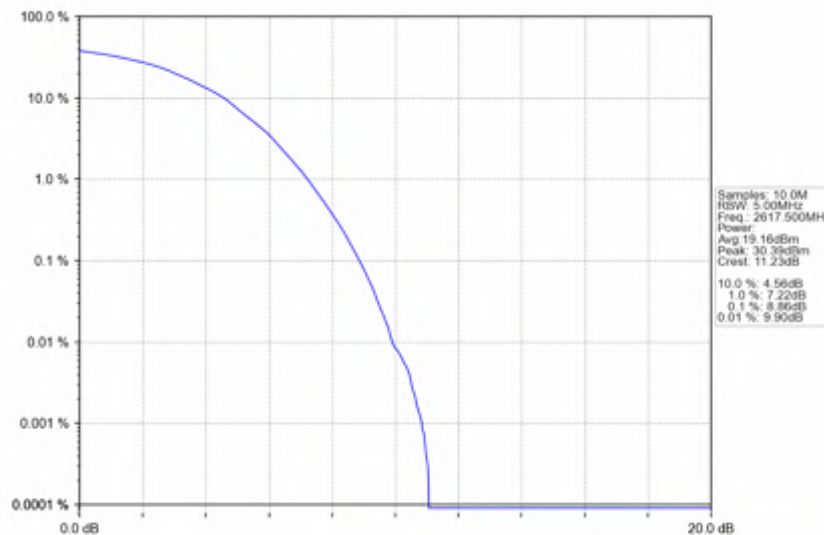
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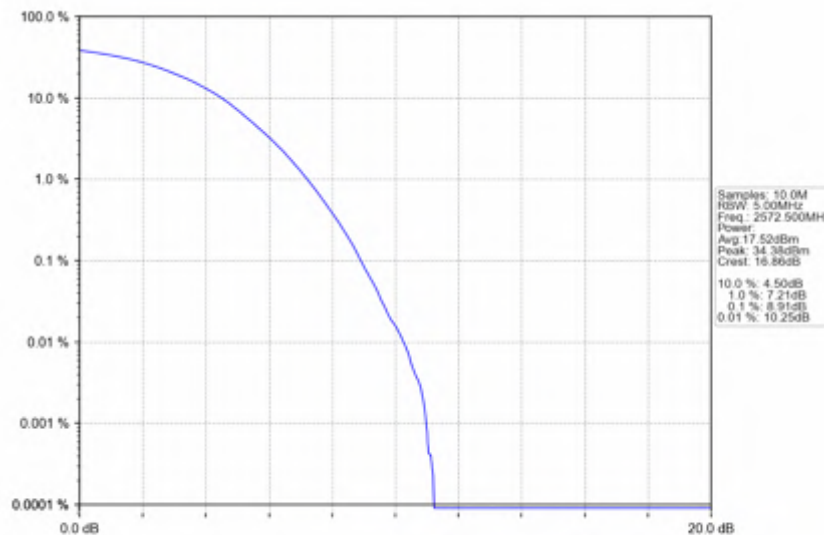
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Band38\_5MHz\_64QAM\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV



Band38\_5MHz\_256QAM\_LCH\_2572.5MHz\_RB\_25\_0\_NTNV



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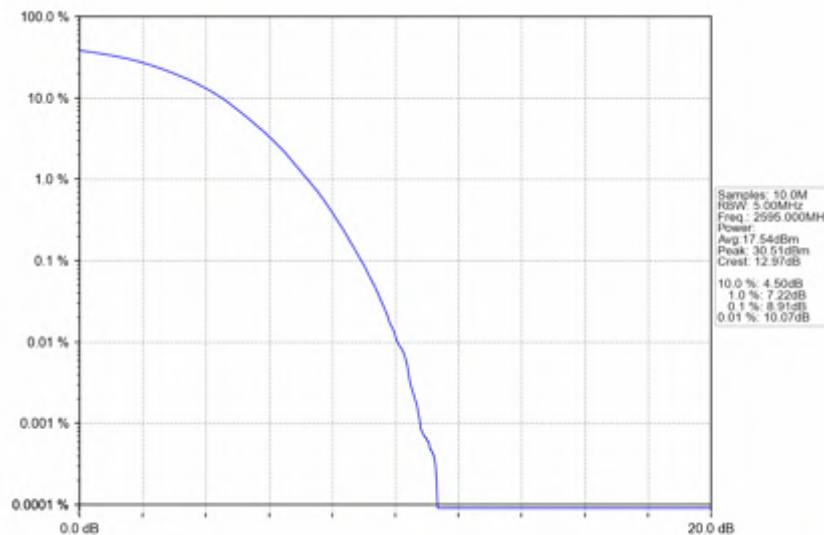
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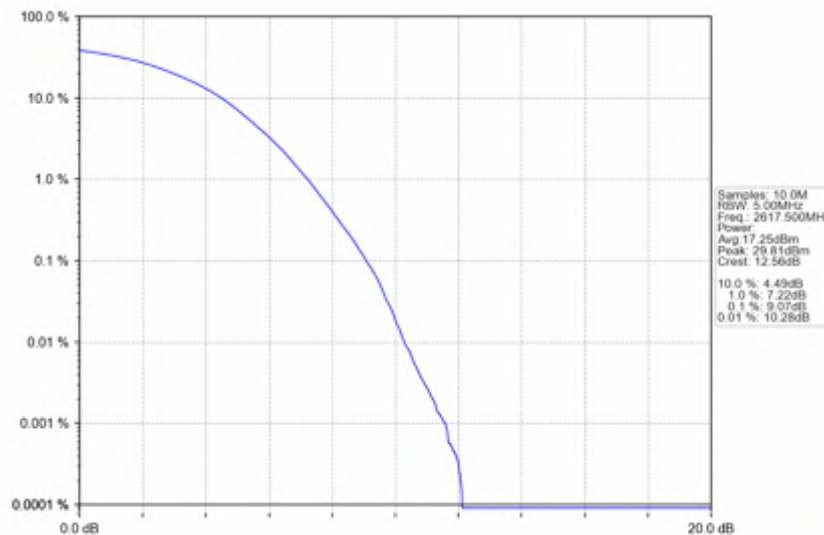
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Band38\_5MHz\_256QAM\_MCH\_2595MHz\_RB\_25\_0\_NTNV



Band38\_5MHz\_256QAM\_HCH\_2617.5MHz\_RB\_25\_0\_NTNV



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## 9.2 B38\_10MHz

## 9.2.1 Test Result

| Band: 38 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2575            | 50            | 0      | 8.77                    | <=13  | Pass    |
|                                    | 2595            | 50            | 0      | 8.73                    | <=13  | Pass    |
|                                    | 2615            | 50            | 0      | 8.81                    | <=13  | Pass    |
| 16QAM                              | 2575            | 50            | 0      | 8.83                    | <=13  | Pass    |
|                                    | 2595            | 50            | 0      | 8.71                    | <=13  | Pass    |
|                                    | 2615            | 50            | 0      | 8.83                    | <=13  | Pass    |
| 64QAM                              | 2575            | 50            | 0      | 8.76                    | <=13  | Pass    |
|                                    | 2595            | 50            | 0      | 8.82                    | <=13  | Pass    |
|                                    | 2615            | 50            | 0      | 8.85                    | <=13  | Pass    |
| 256QAM                             | 2575            | 50            | 0      | 8.84                    | <=13  | Pass    |
|                                    | 2595            | 50            | 0      | 8.87                    | <=13  | Pass    |
|                                    | 2615            | 50            | 0      | 8.93                    | <=13  | Pass    |



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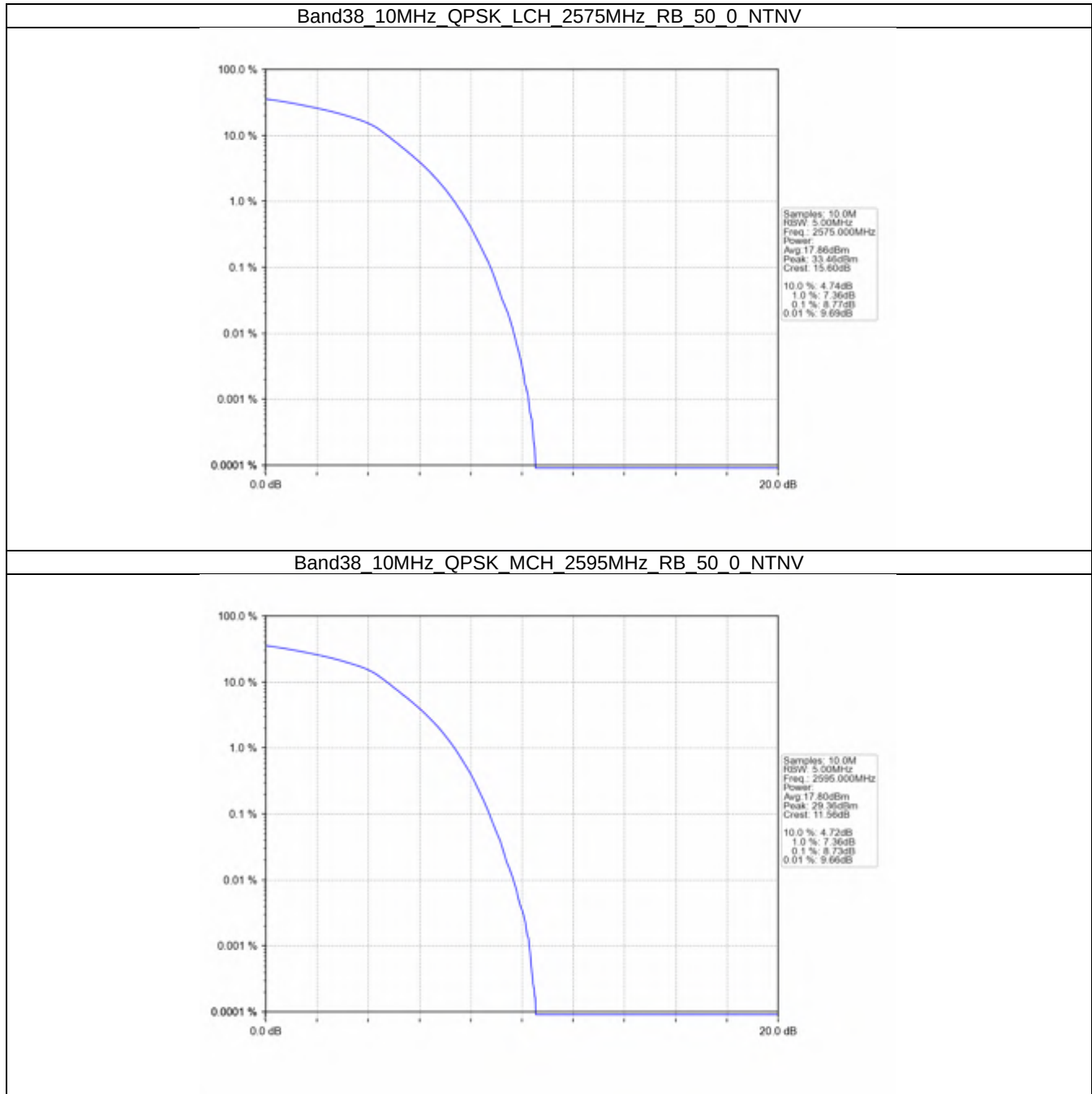
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## 9.2.2 Test Graph



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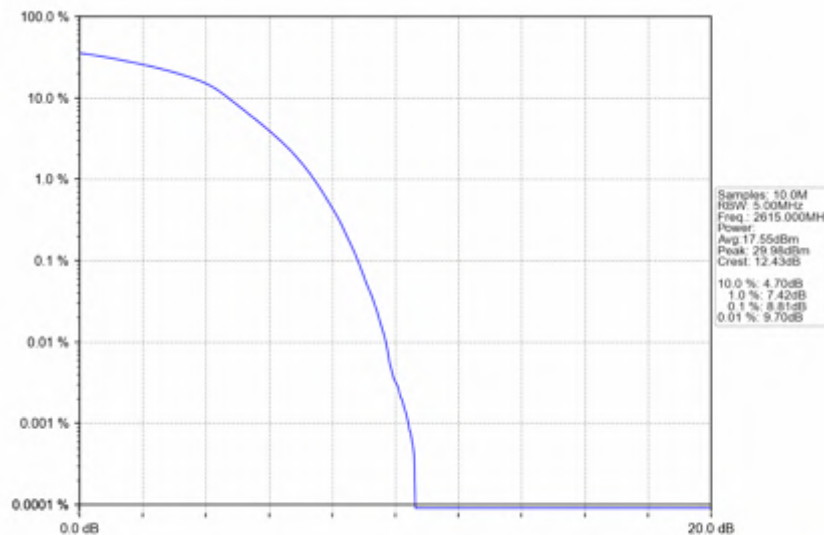
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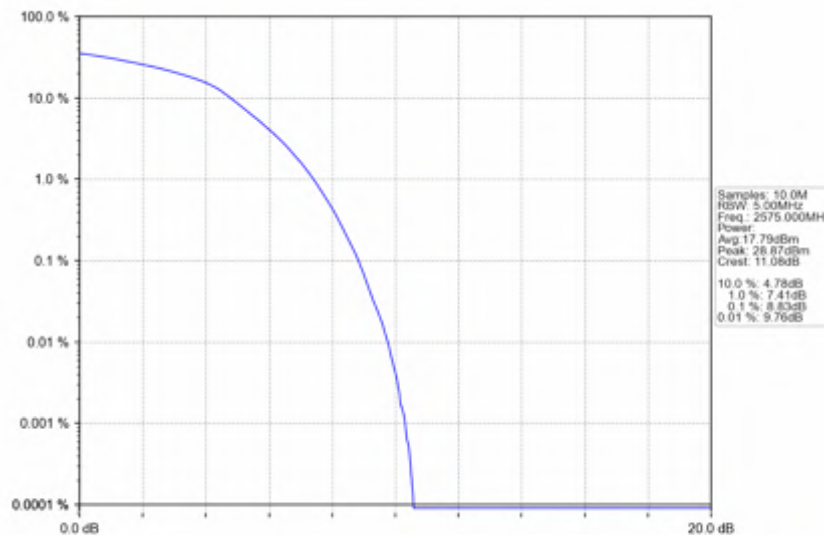
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Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_50\_0\_NTNV



Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_50\_0\_NTNV

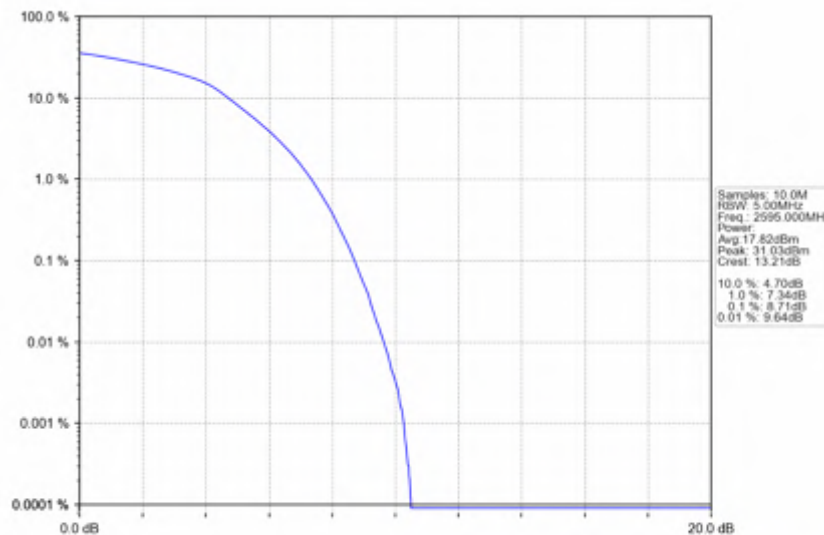


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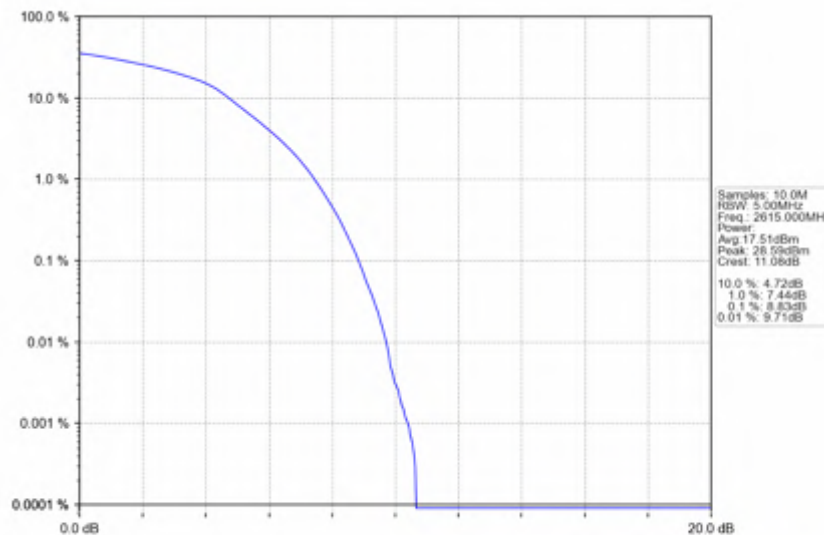
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Band38\_10MHz\_16QAM\_HCH\_2615MHz\_RB\_50\_0\_NTNV

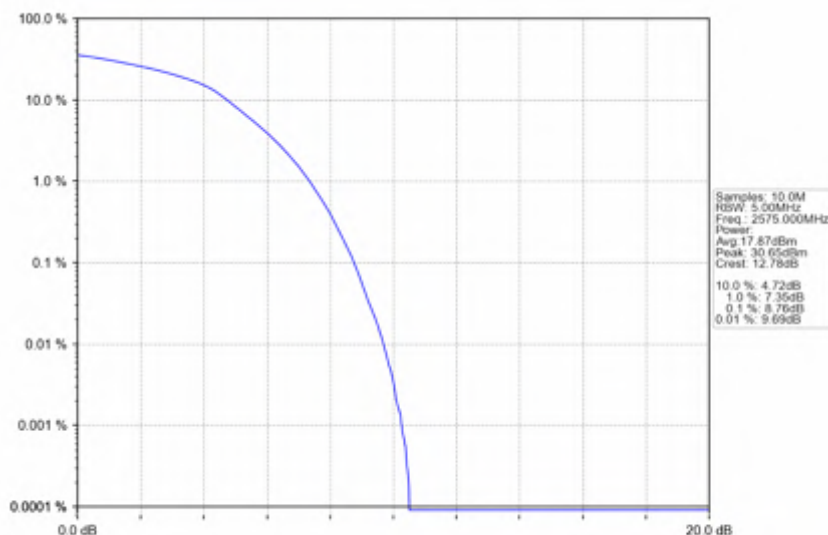


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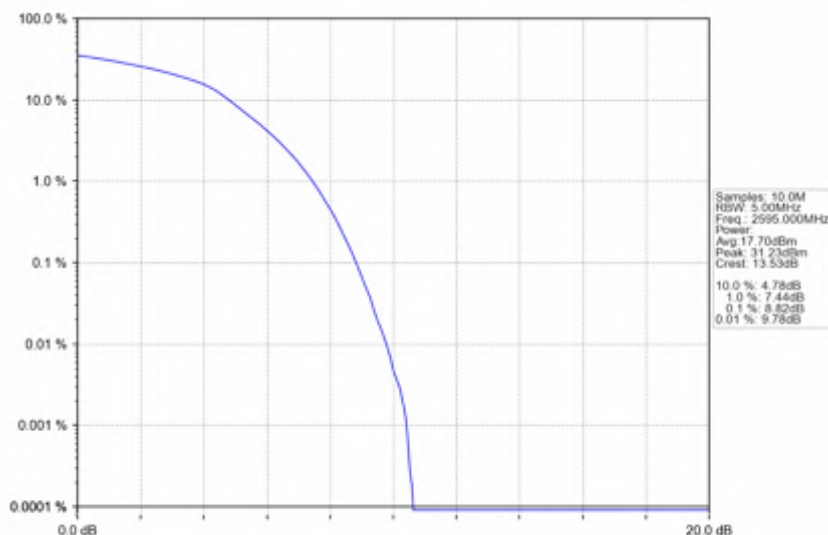
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Band38\_10MHz\_64QAM\_MCH\_2595MHz\_RB\_50\_0\_NTNV

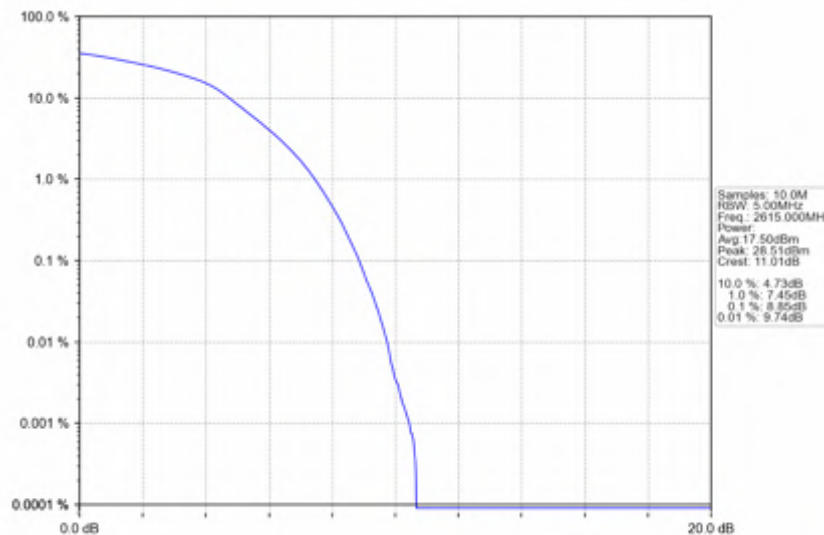


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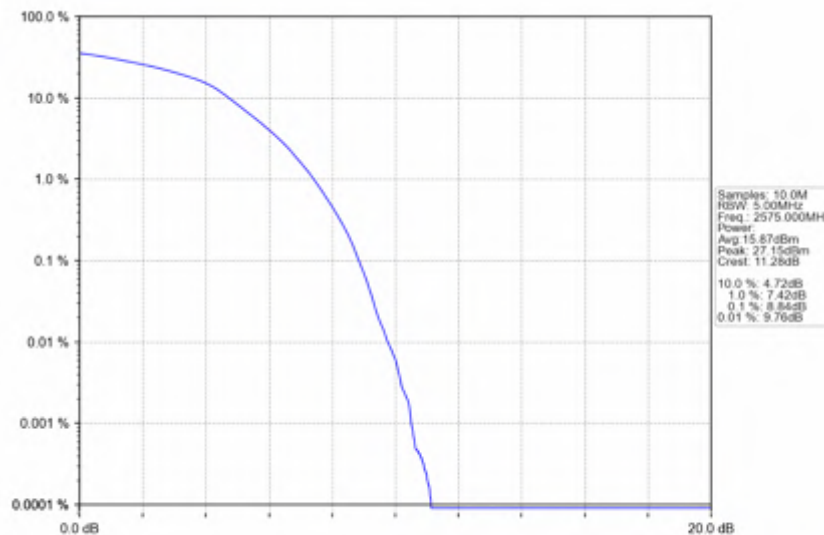
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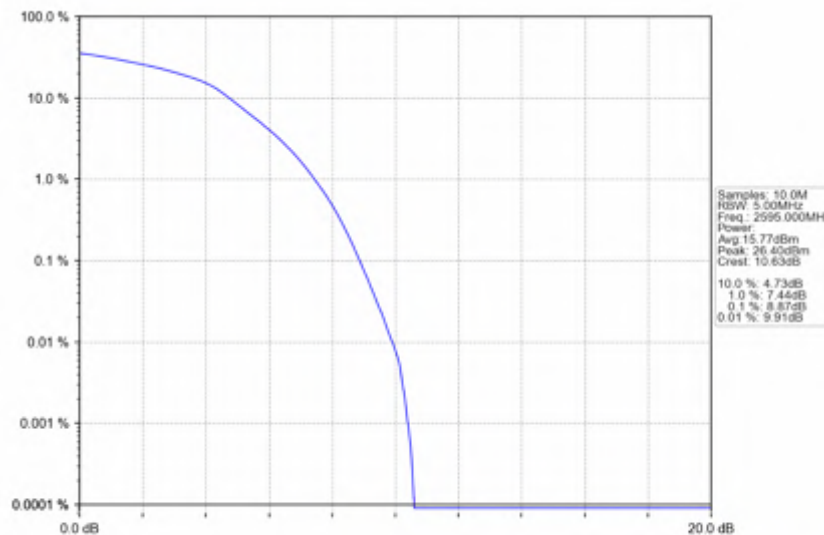
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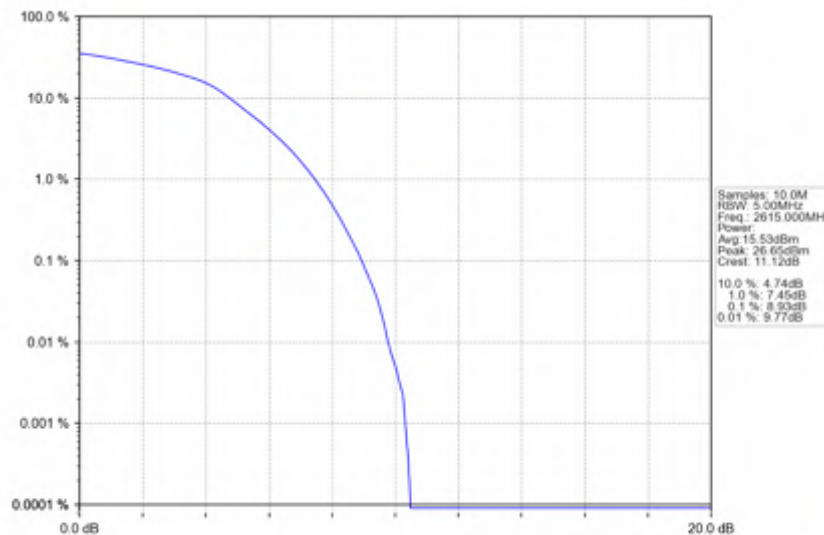
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## 9.3 B38\_15MHz

## 9.3.1 Test Result

| Band: 38 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2577.5          | 75            | 0      | 9.21                    | <=13  | Pass    |
|                                    | 2595            | 75            | 0      | 9.26                    | <=13  | Pass    |
|                                    | 2612.5          | 75            | 0      | 9.32                    | <=13  | Pass    |
| 16QAM                              | 2577.5          | 75            | 0      | 9.25                    | <=13  | Pass    |
|                                    | 2595            | 75            | 0      | 9.26                    | <=13  | Pass    |
|                                    | 2612.5          | 75            | 0      | 9.18                    | <=13  | Pass    |
| 64QAM                              | 2577.5          | 75            | 0      | 9.28                    | <=13  | Pass    |
|                                    | 2595            | 75            | 0      | 9.29                    | <=13  | Pass    |
|                                    | 2612.5          | 75            | 0      | 9.28                    | <=13  | Pass    |
| 256QAM                             | 2577.5          | 75            | 0      | 9.24                    | <=13  | Pass    |
|                                    | 2595            | 75            | 0      | 9.26                    | <=13  | Pass    |
|                                    | 2612.5          | 75            | 0      | 9.29                    | <=13  | Pass    |



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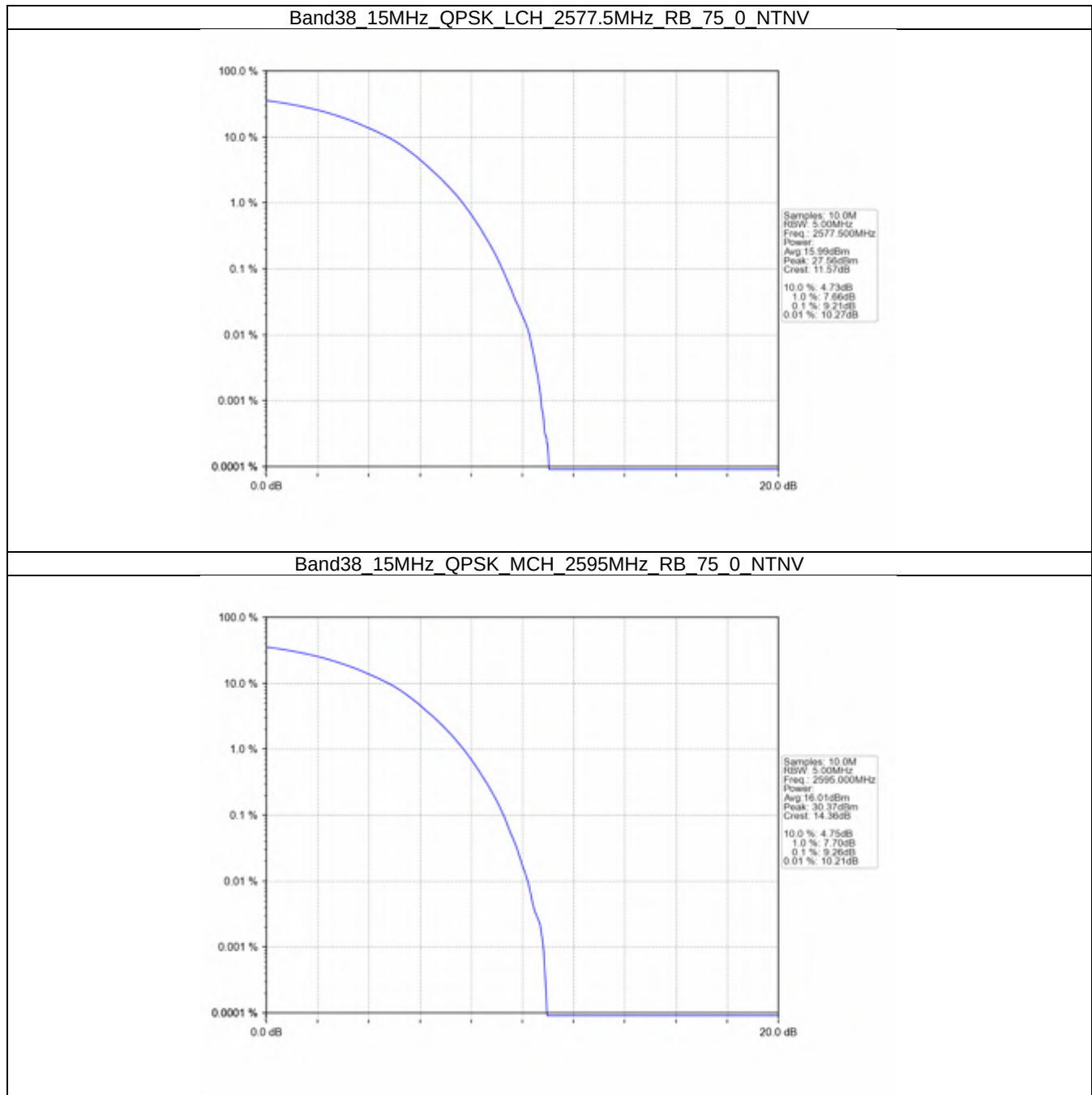
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## 9.3.2 Test Graph



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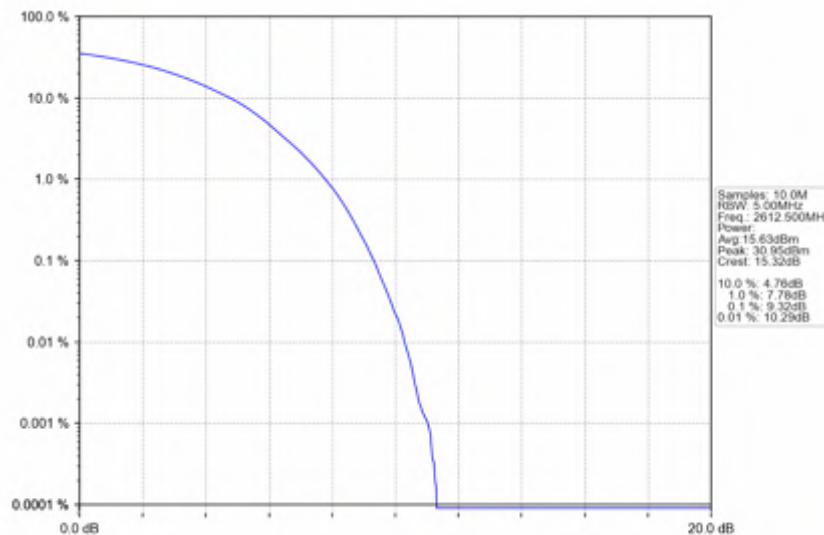
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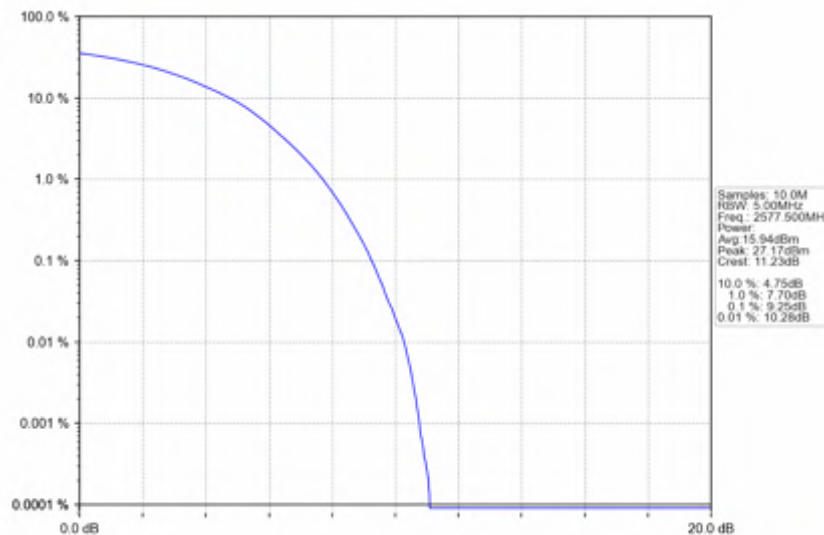
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Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV



Band38\_15MHz\_16QAM\_LCH\_2577.5MHz\_RB\_75\_0\_NTNV



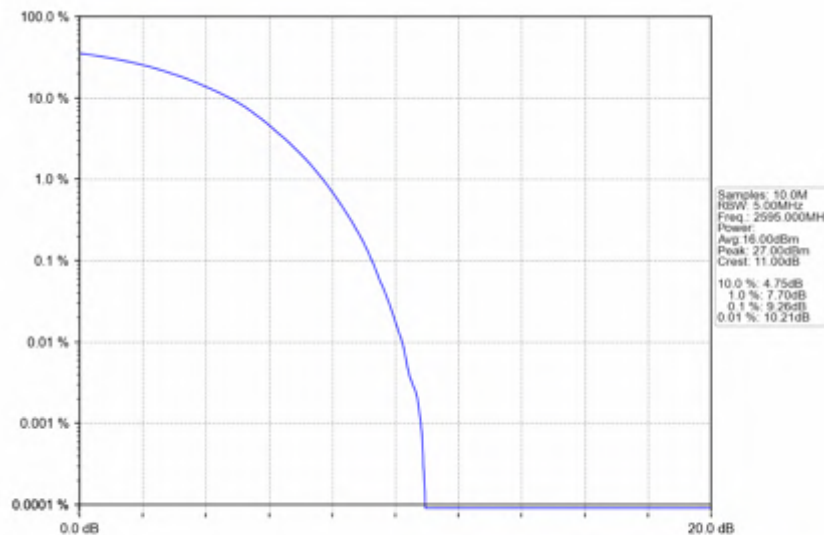
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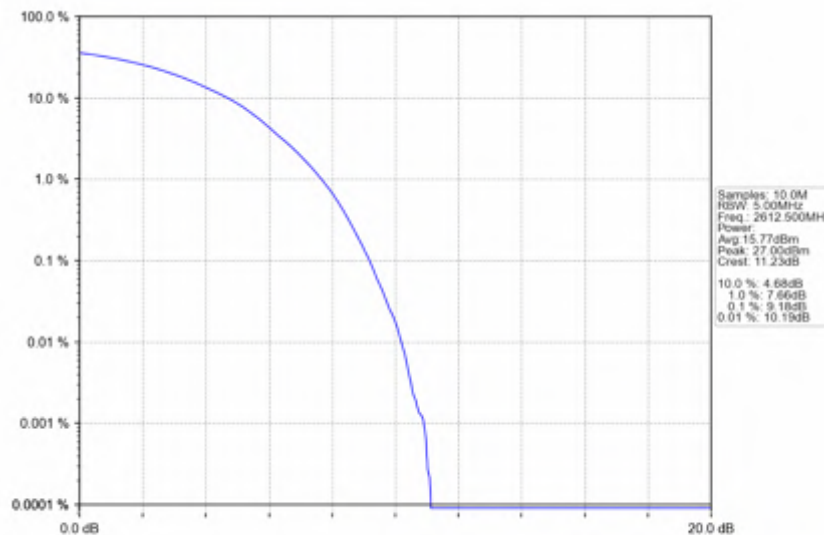
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Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV



Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV

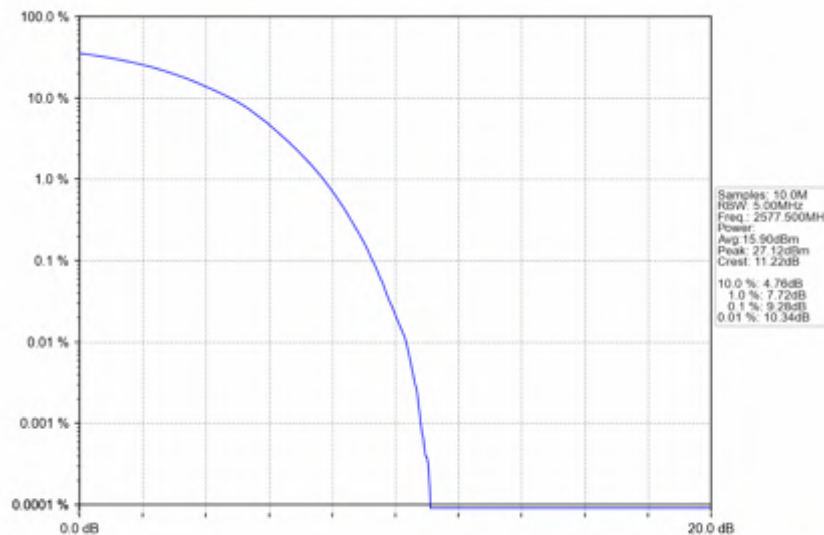


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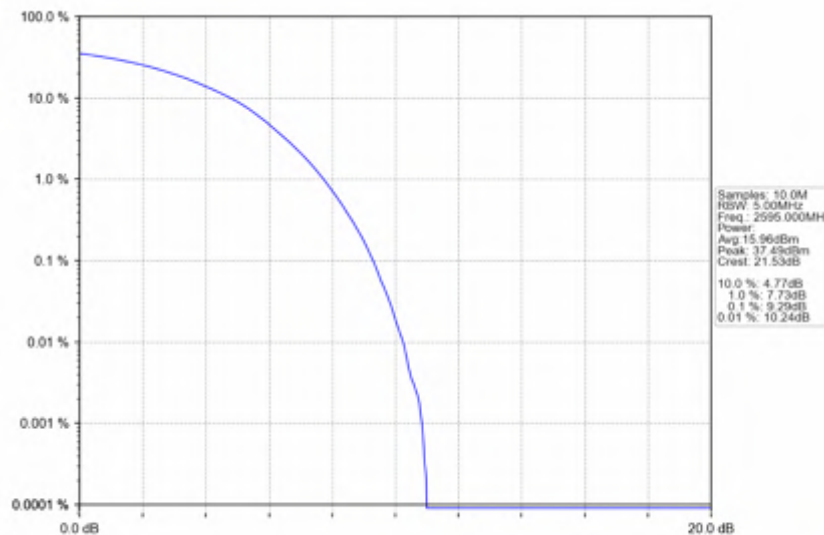
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Band38\_15MHz\_64QAM\_LCH\_2577.5MHz\_RB\_75\_0\_NTNV



Band38\_15MHz\_64QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV

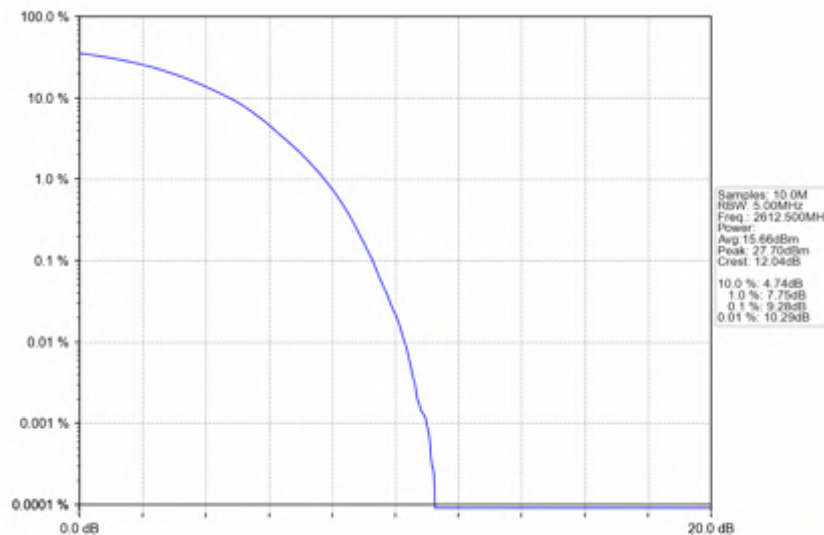


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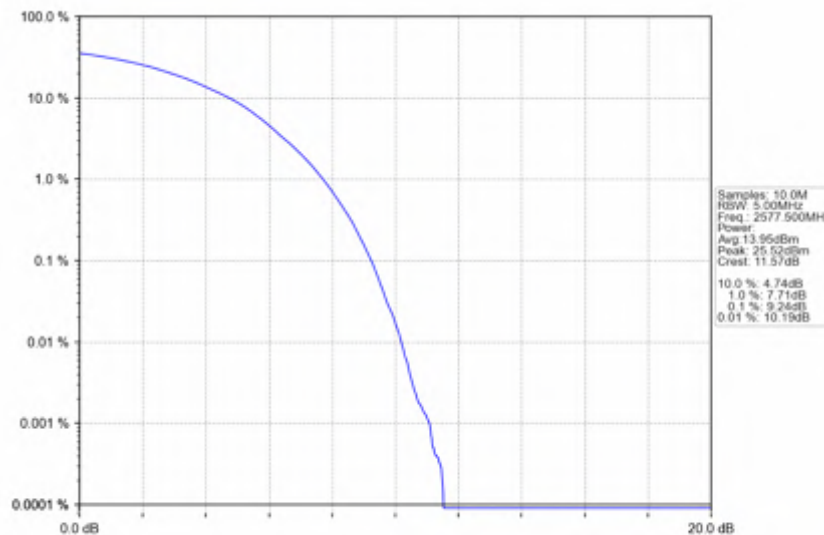
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Band38\_15MHz\_256QAM\_LCH\_2577.5MHz\_RB\_75\_0\_NTNV

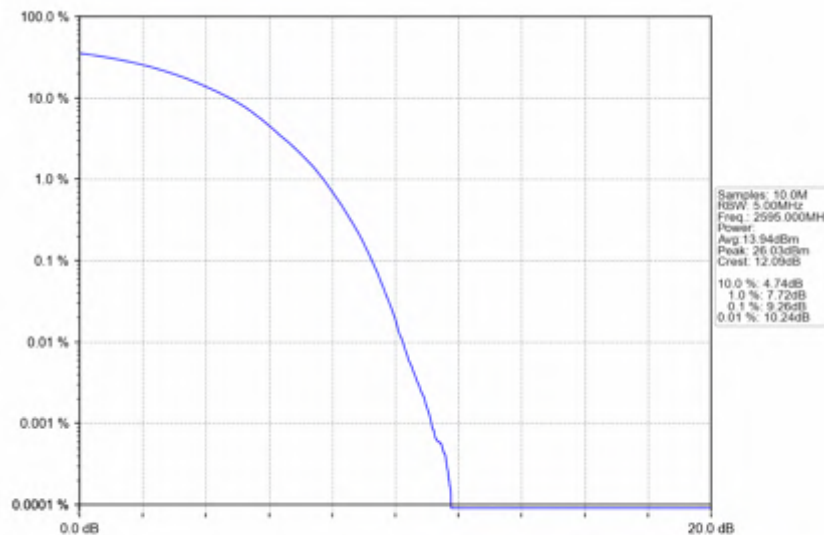


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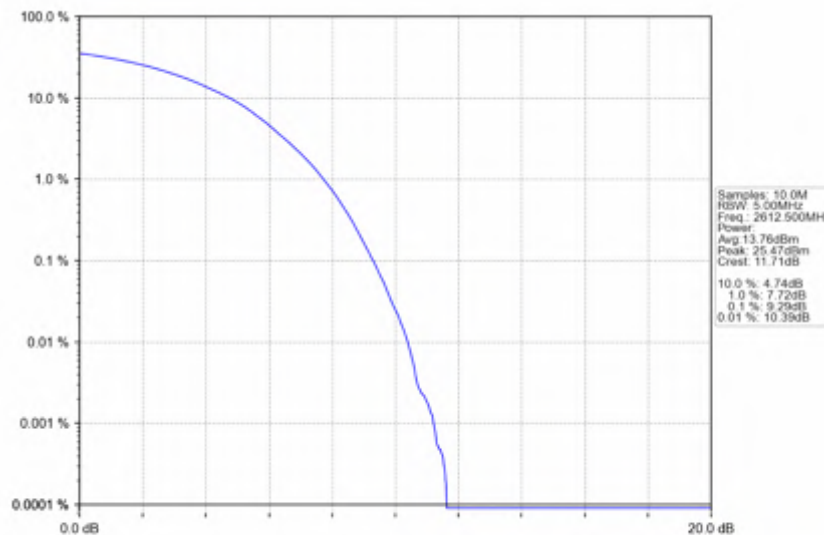
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**9.4 B38\_20MHz****9.4.1 Test Result**

| Band: 38 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2580            | 100           | 0      | 9.46                    | <=13  | Pass    |
|                                    | 2595            | 100           | 0      | 9.44                    | <=13  | Pass    |
|                                    | 2610            | 100           | 0      | 9.47                    | <=13  | Pass    |
| 16QAM                              | 2580            | 100           | 0      | 9.45                    | <=13  | Pass    |
|                                    | 2595            | 100           | 0      | 9.43                    | <=13  | Pass    |
|                                    | 2610            | 100           | 0      | 9.48                    | <=13  | Pass    |
| 64QAM                              | 2580            | 100           | 0      | 9.45                    | <=13  | Pass    |
|                                    | 2595            | 100           | 0      | 9.38                    | <=13  | Pass    |
|                                    | 2610            | 100           | 0      | 9.47                    | <=13  | Pass    |
| 256QAM                             | 2580            | 100           | 0      | 9.47                    | <=13  | Pass    |
|                                    | 2595            | 100           | 0      | 9.42                    | <=13  | Pass    |
|                                    | 2610            | 100           | 0      | 9.46                    | <=13  | Pass    |



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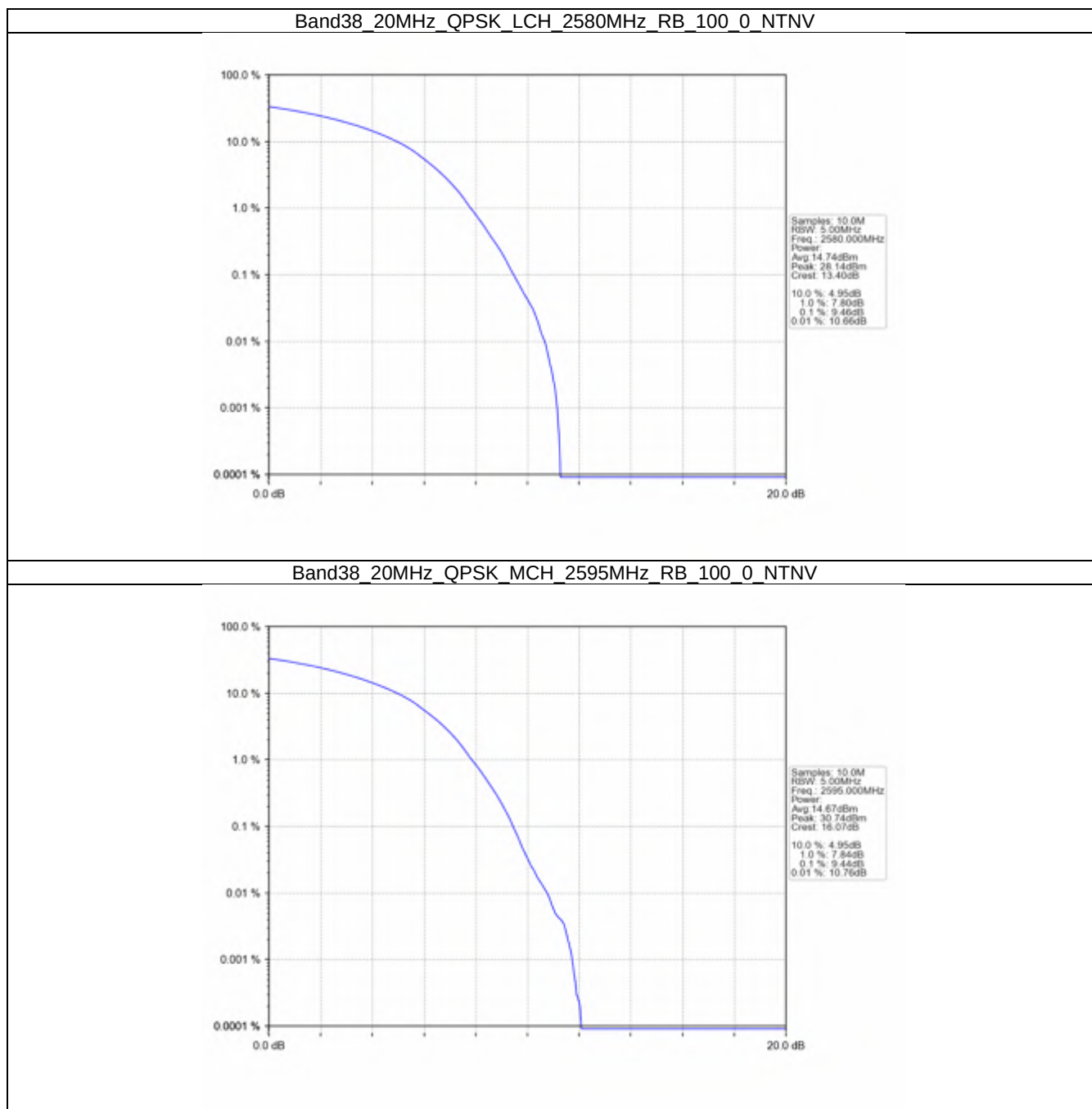
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## 9.4.2 Test Graph



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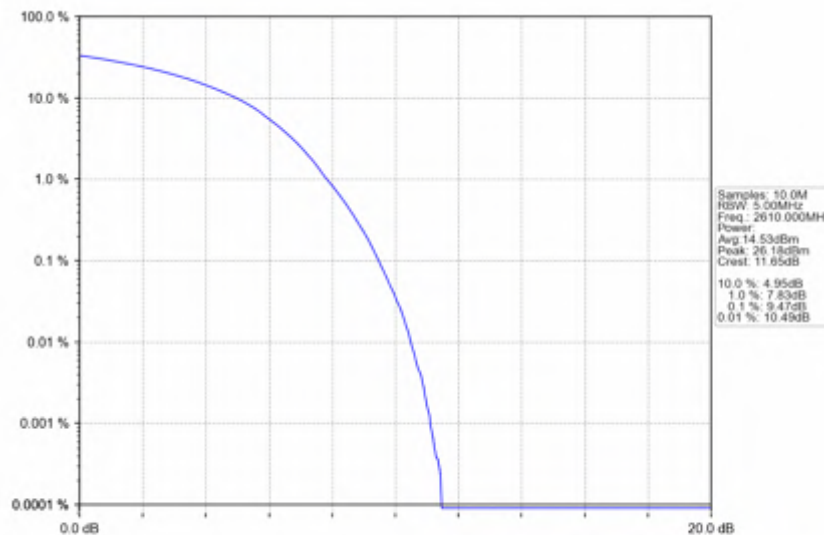
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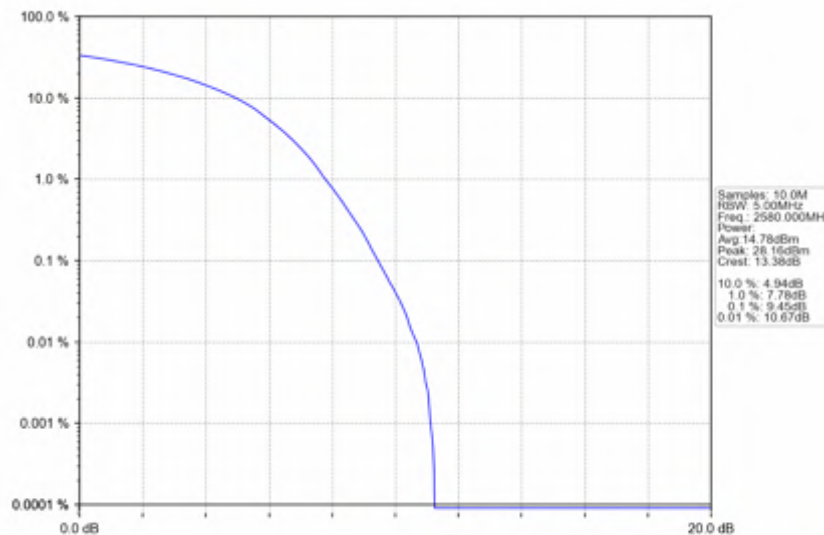
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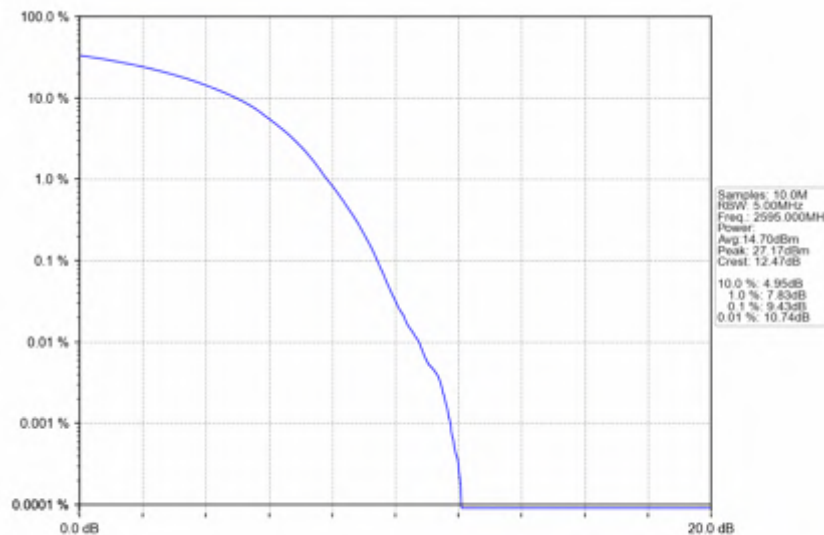


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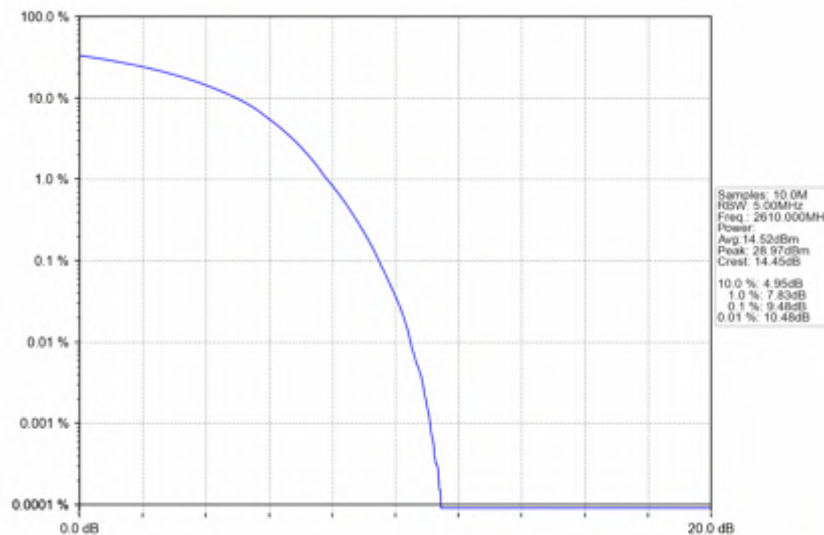
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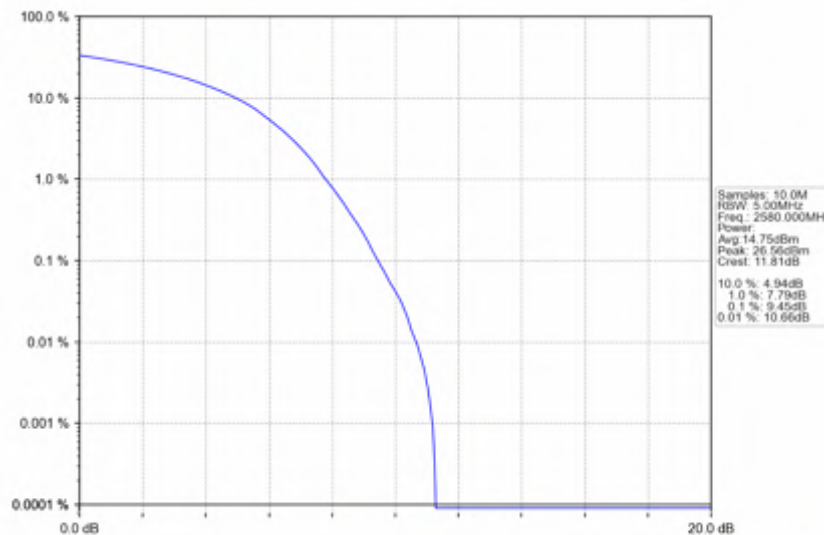
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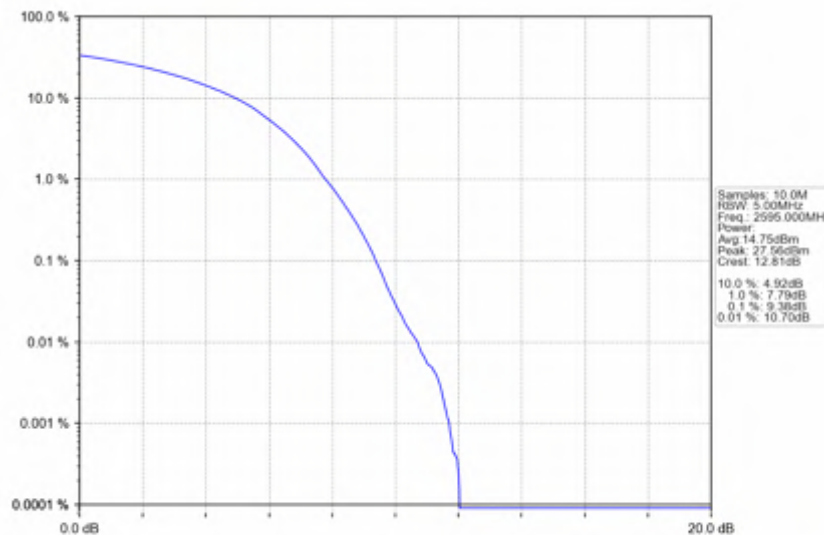
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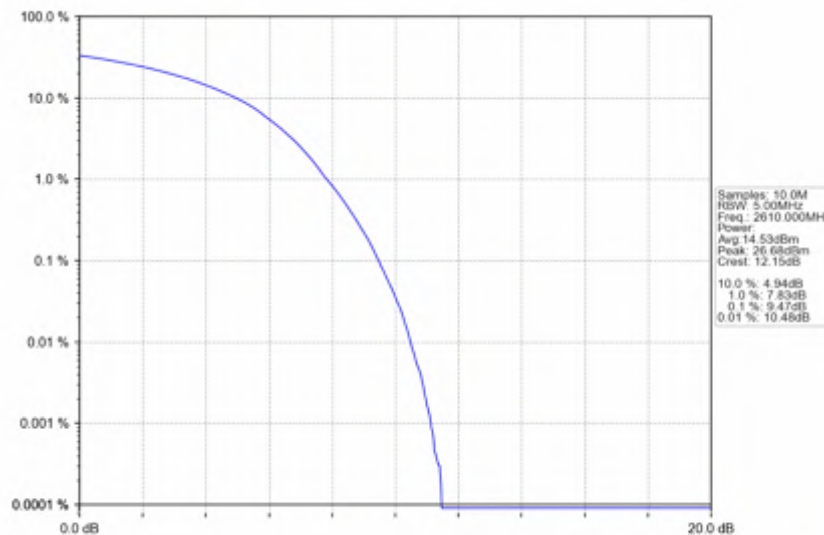
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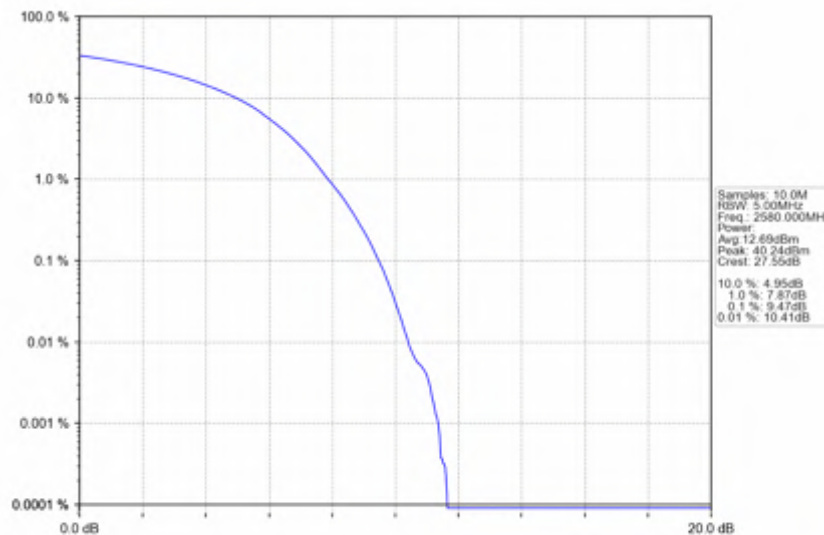
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Band38\_20MHz\_256QAM\_LCH\_2580MHz\_RB\_100\_0\_NTNV



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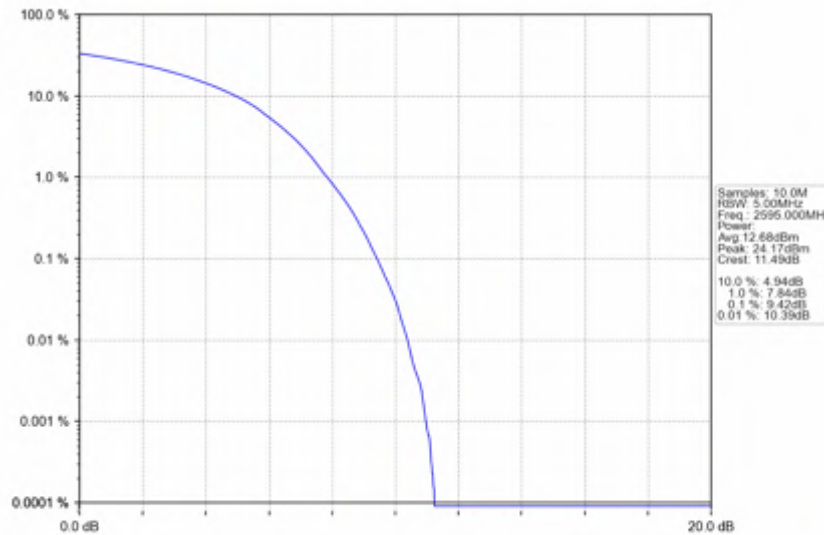
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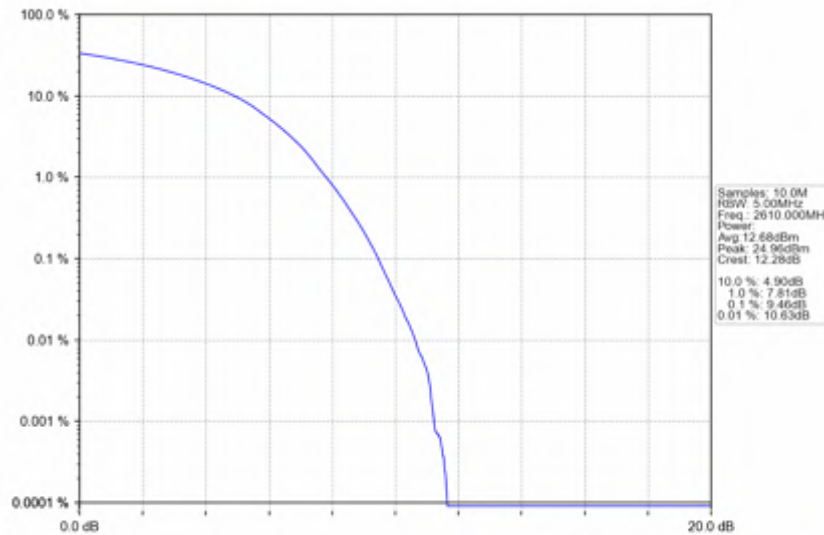
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Band38\_20MHz\_256QAM\_HCH\_2610MHz\_RB\_100\_0\_NTNV



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## 10. Peak-Average Ratio

## 10.1 B41\_5MHz

## 10.1.1 Test Result

| Band: 41 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2498.5          | 25            | 0      | 10.19                   | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 10.09                   | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 9.92                    | <=13  | Pass    |
| 16QAM                             | 2498.5          | 25            | 0      | 10.26                   | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 10.11                   | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 9.88                    | <=13  | Pass    |
| 64QAM                             | 2498.5          | 25            | 0      | 10.19                   | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 10.03                   | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 9.92                    | <=13  | Pass    |
| 256QAM                            | 2498.5          | 25            | 0      | 10.48                   | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 10.44                   | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 10.39                   | <=13  | Pass    |



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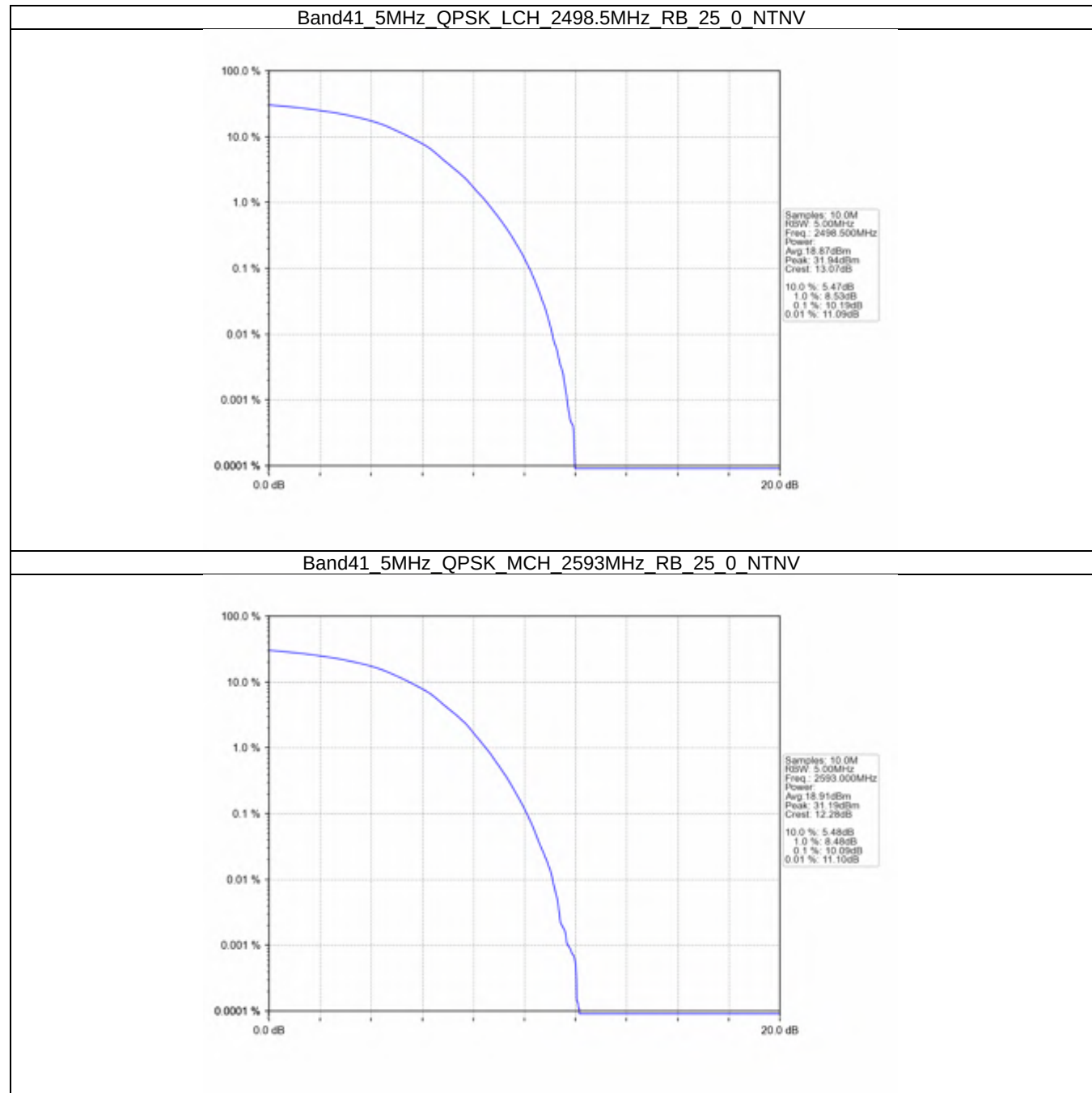
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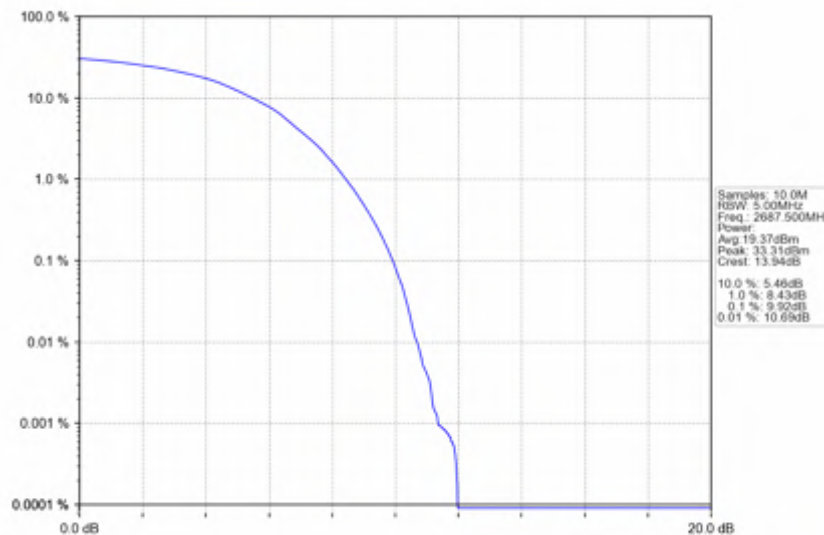
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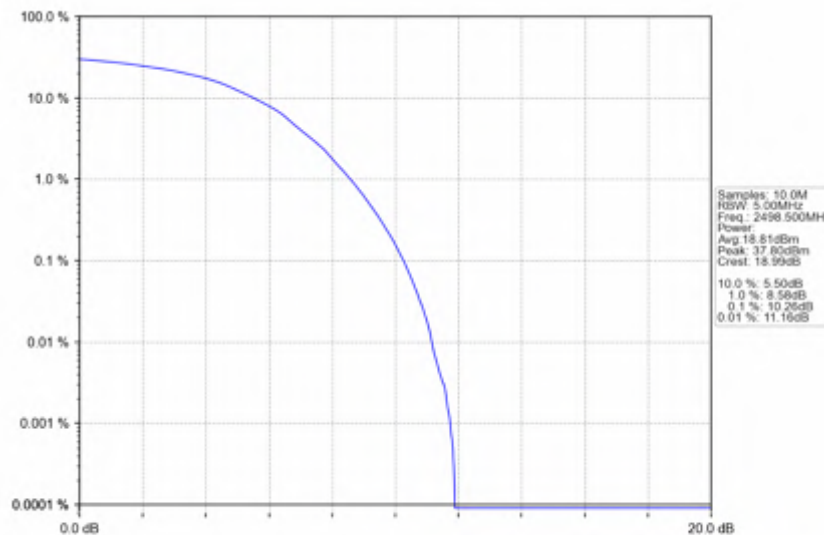
## 10.1.2 Test Graph



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



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



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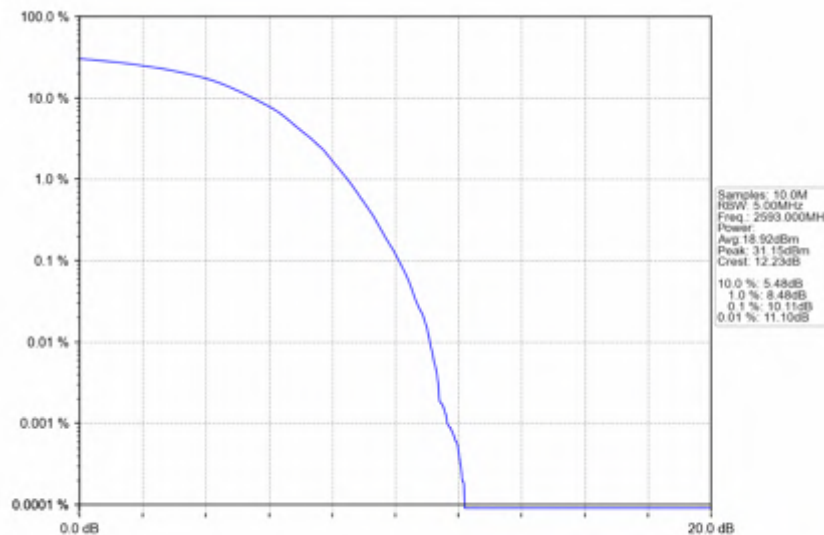
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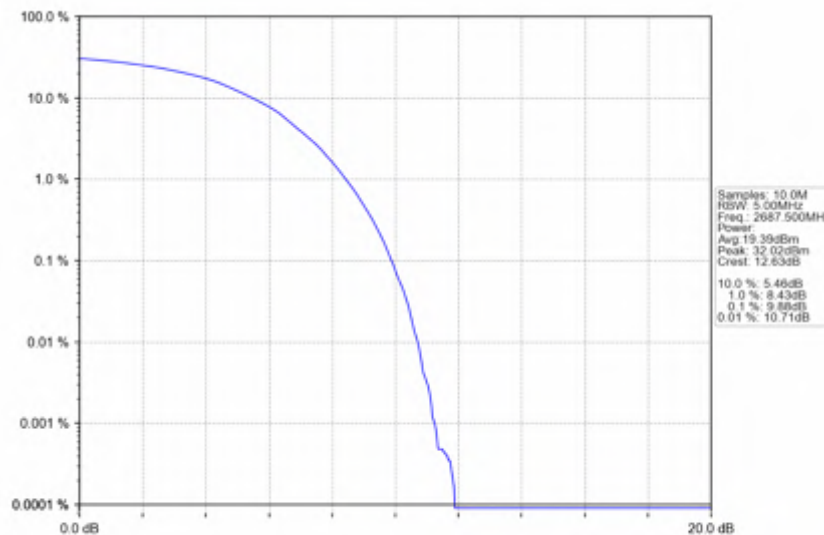
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Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



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



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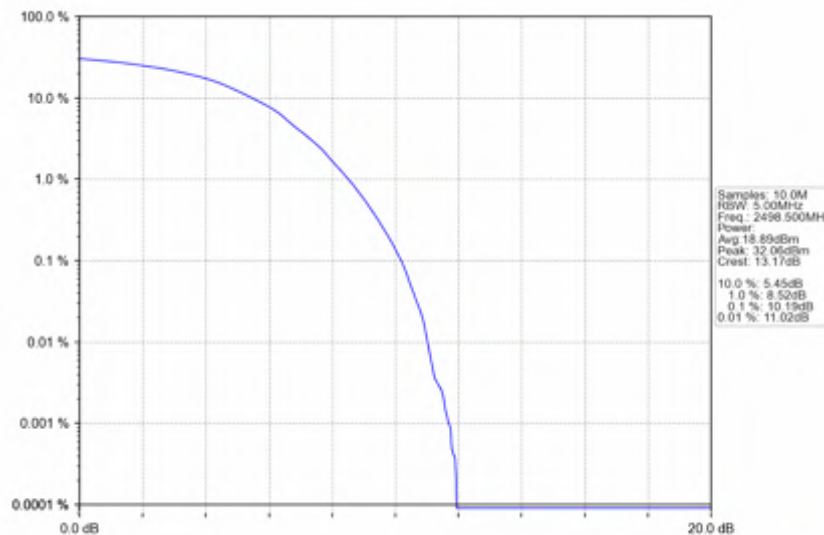
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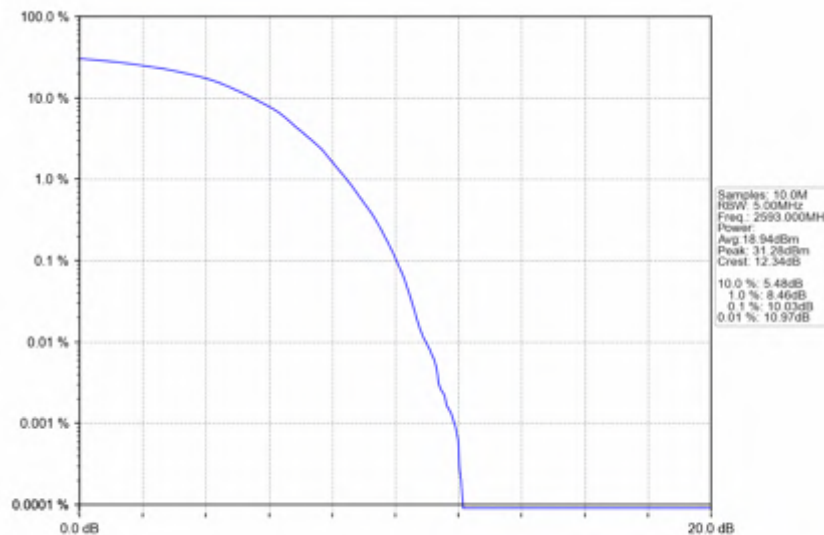
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Band41\_5MHz\_64QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



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



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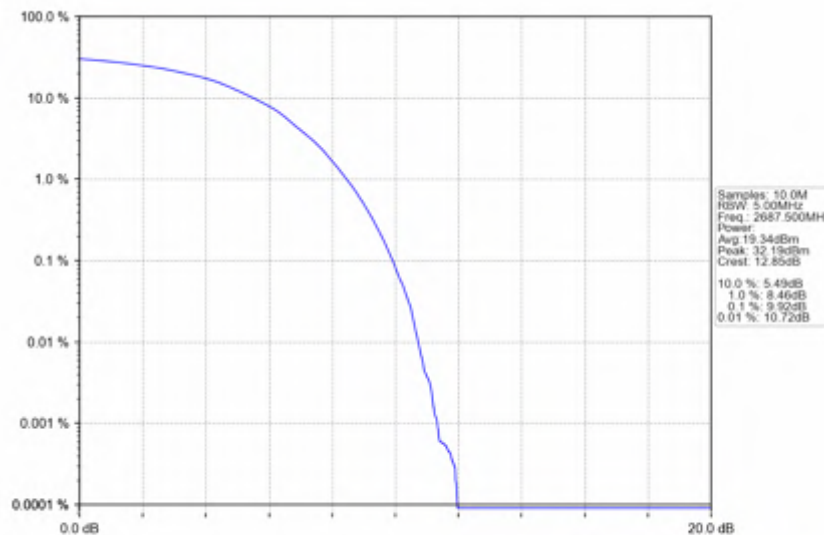
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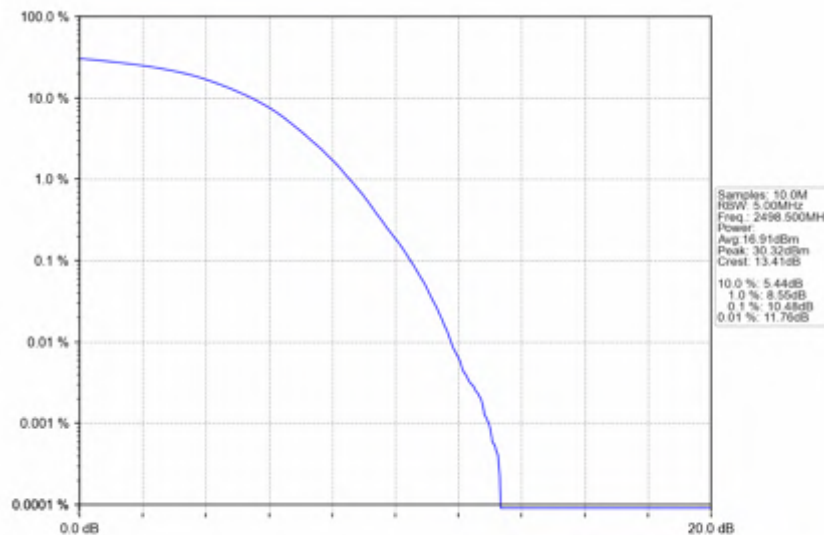
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Band41\_5MHz\_64QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



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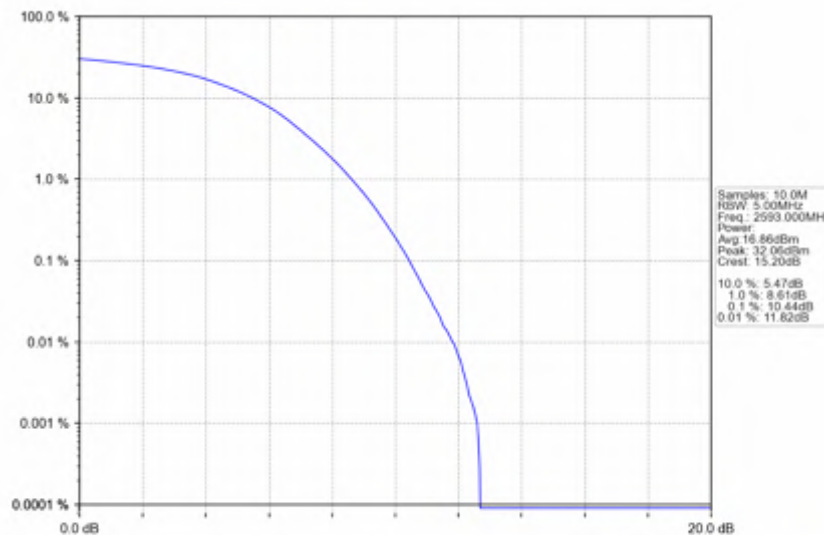


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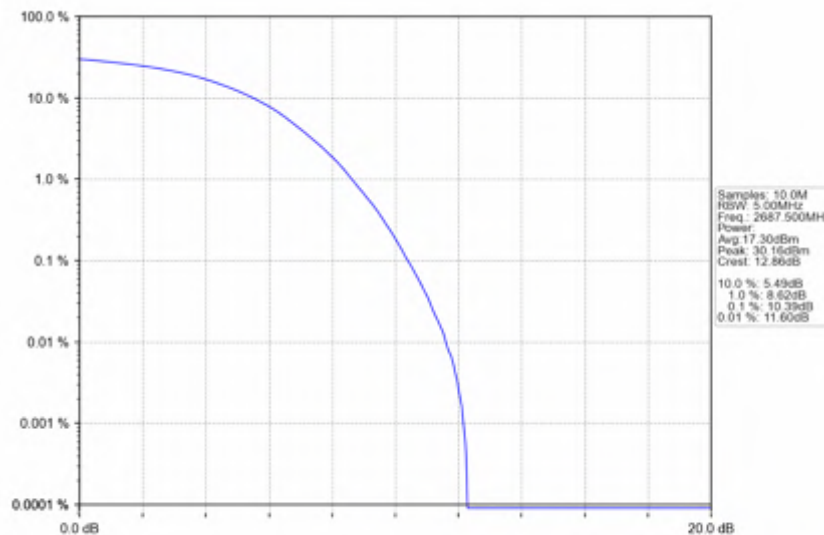
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Band41\_5MHz\_256QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



Band41\_5MHz\_256QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



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## 10.2 B41\_10MHz

## 10.2.1 Test Result

| Band: 41 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2501            | 50            | 0      | 10.32                   | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 10.26                   | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 10.20                   | <=13  | Pass    |
| 16QAM                              | 2501            | 50            | 0      | 10.35                   | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 10.22                   | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 10.23                   | <=13  | Pass    |
| 64QAM                              | 2501            | 50            | 0      | 10.38                   | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 10.27                   | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 10.27                   | <=13  | Pass    |
| 256QAM                             | 2501            | 50            | 0      | 10.44                   | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 10.33                   | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 10.61                   | <=13  | Pass    |



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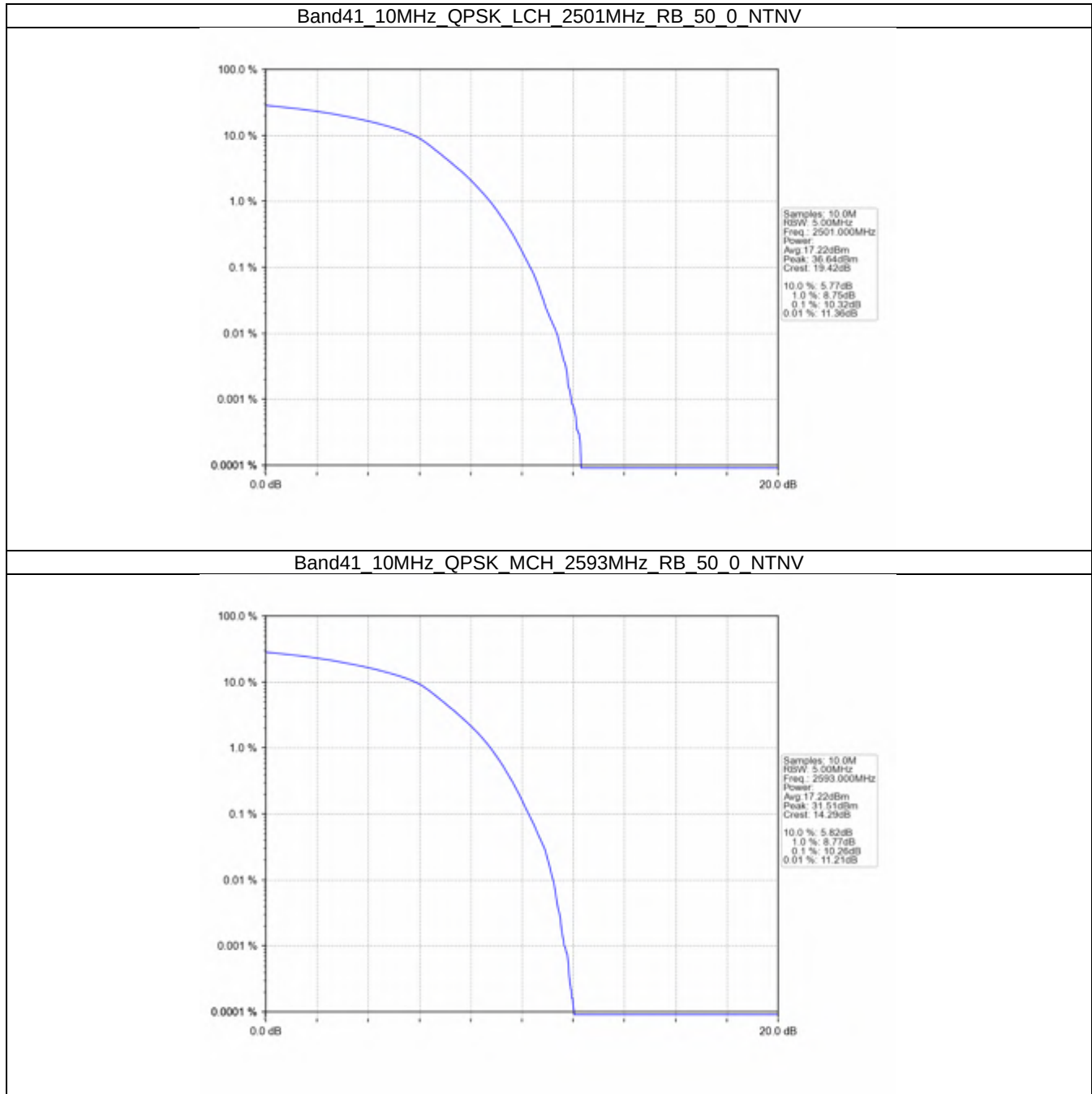
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## 10.2.2 Test Graph



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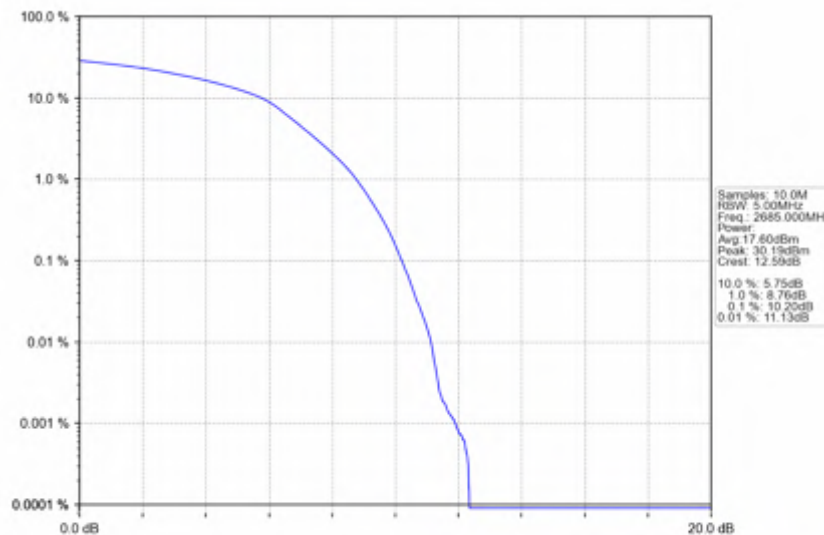
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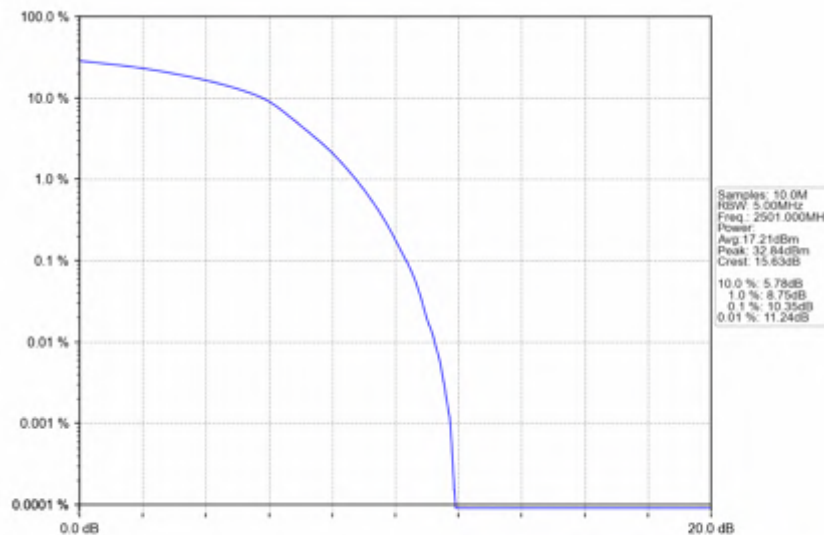
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Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



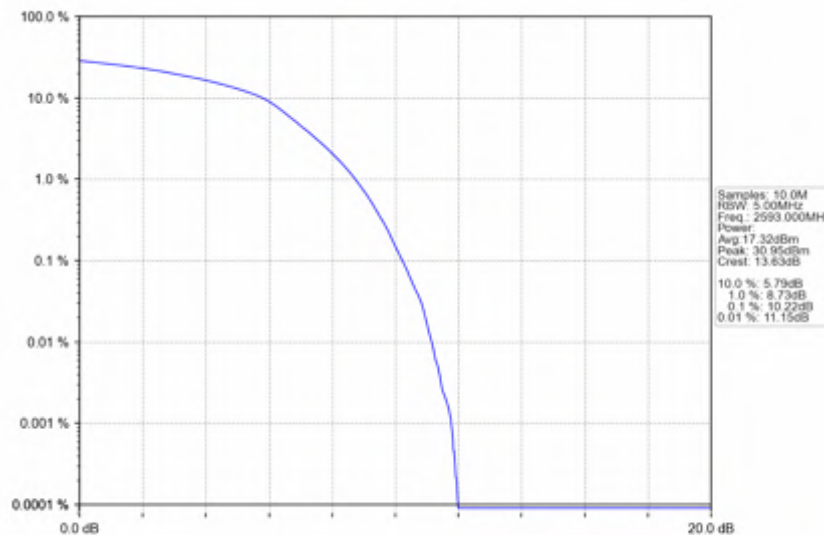
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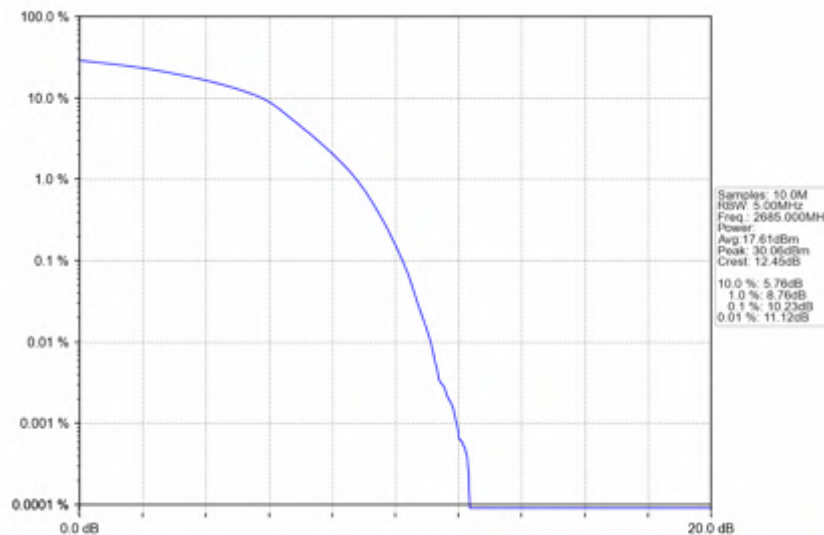
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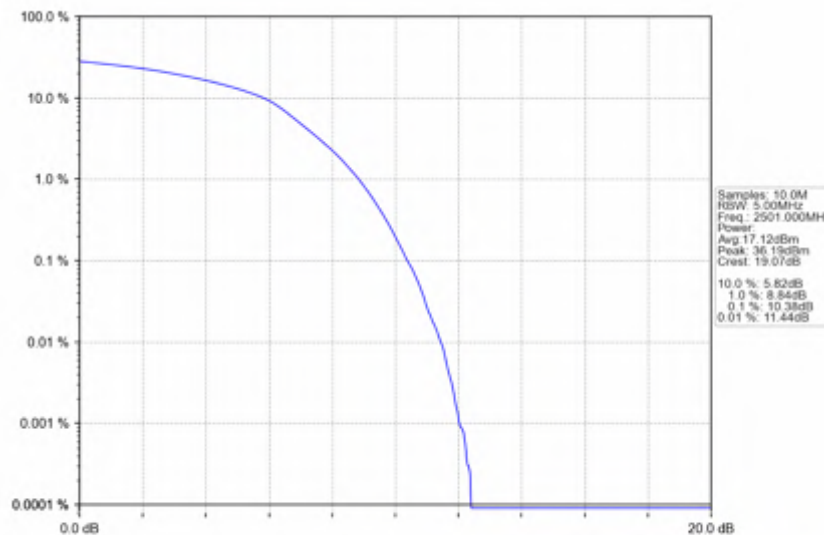


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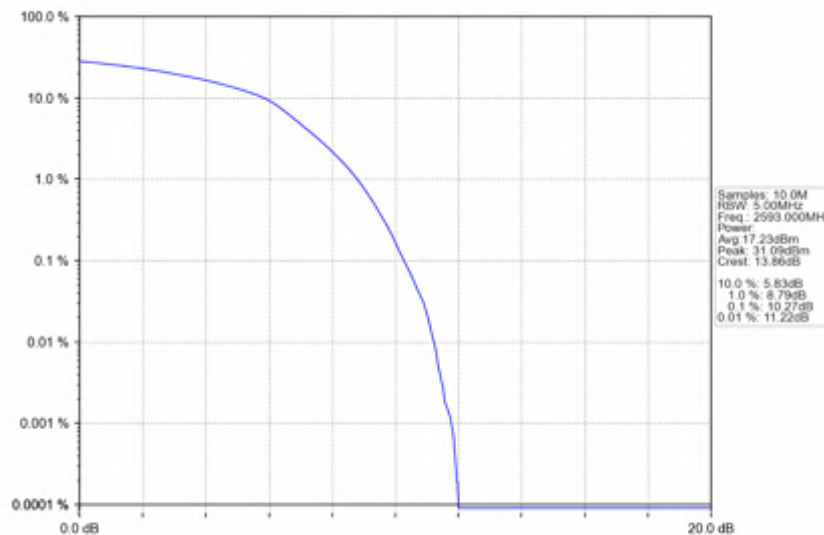
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Band41\_10MHz\_64QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



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



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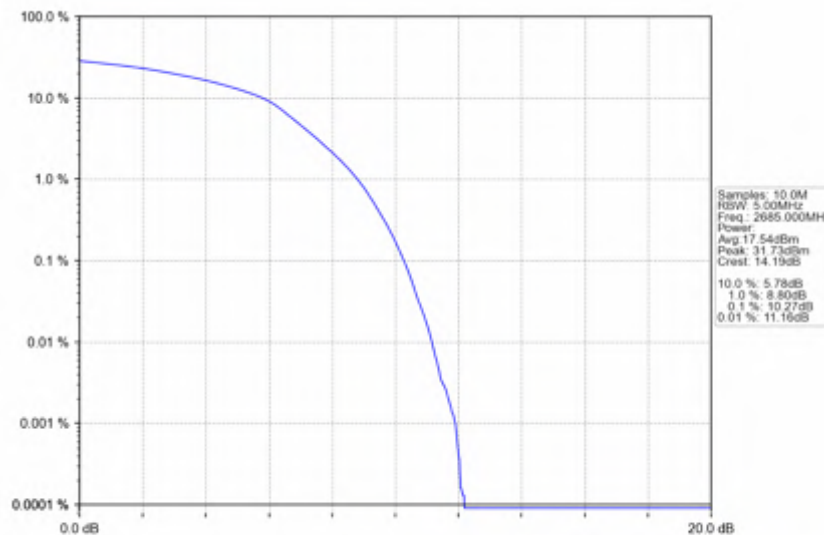
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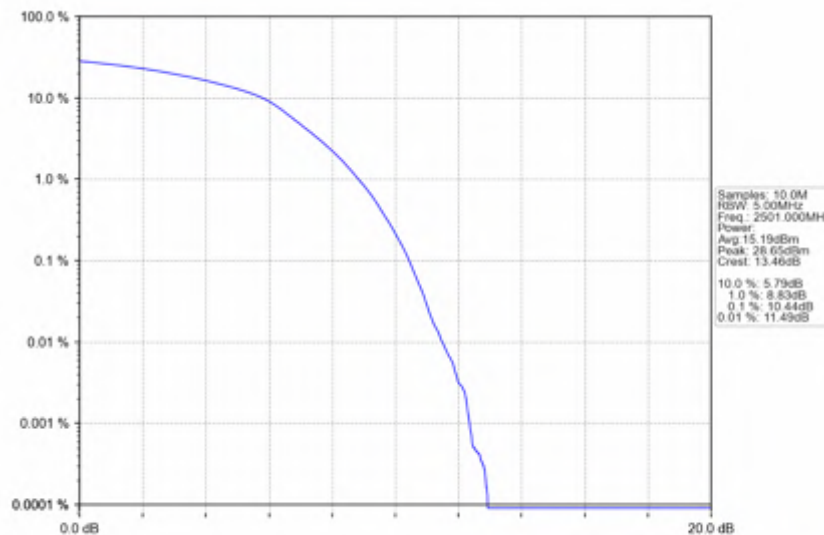
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Band41\_10MHz\_64QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_256QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



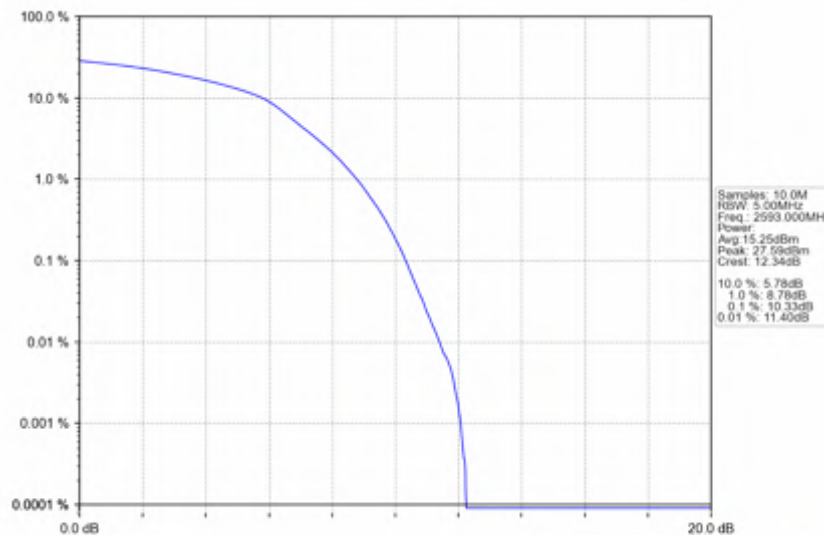
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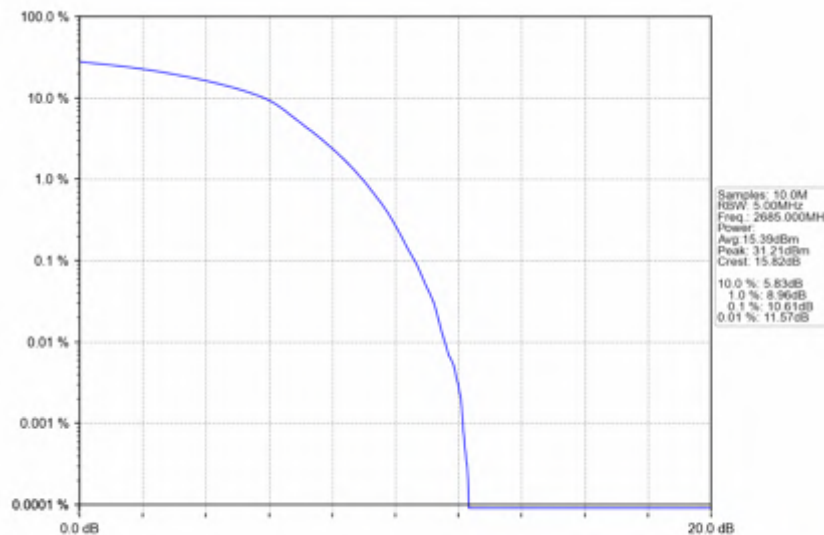
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Band41\_10MHz\_256QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_256QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



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## 10.3 B41\_15MHz

## 10.3.1 Test Result

| Band: 41 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2503.5          | 75            | 0      | 10.78                   | <=13  | Pass    |
|                                    | 2593            | 75            | 0      | 10.77                   | <=13  | Pass    |
|                                    | 2682.5          | 75            | 0      | 10.69                   | <=13  | Pass    |
| 16QAM                              | 2503.5          | 75            | 0      | 10.84                   | <=13  | Pass    |
|                                    | 2593            | 75            | 0      | 10.78                   | <=13  | Pass    |
|                                    | 2682.5          | 75            | 0      | 10.76                   | <=13  | Pass    |
| 64QAM                              | 2503.5          | 75            | 0      | 10.80                   | <=13  | Pass    |
|                                    | 2593            | 75            | 0      | 10.84                   | <=13  | Pass    |
|                                    | 2682.5          | 75            | 0      | 10.71                   | <=13  | Pass    |
| 256QAM                             | 2503.5          | 75            | 0      | 10.67                   | <=13  | Pass    |
|                                    | 2593            | 75            | 0      | 10.71                   | <=13  | Pass    |
|                                    | 2682.5          | 75            | 0      | 10.76                   | <=13  | Pass    |



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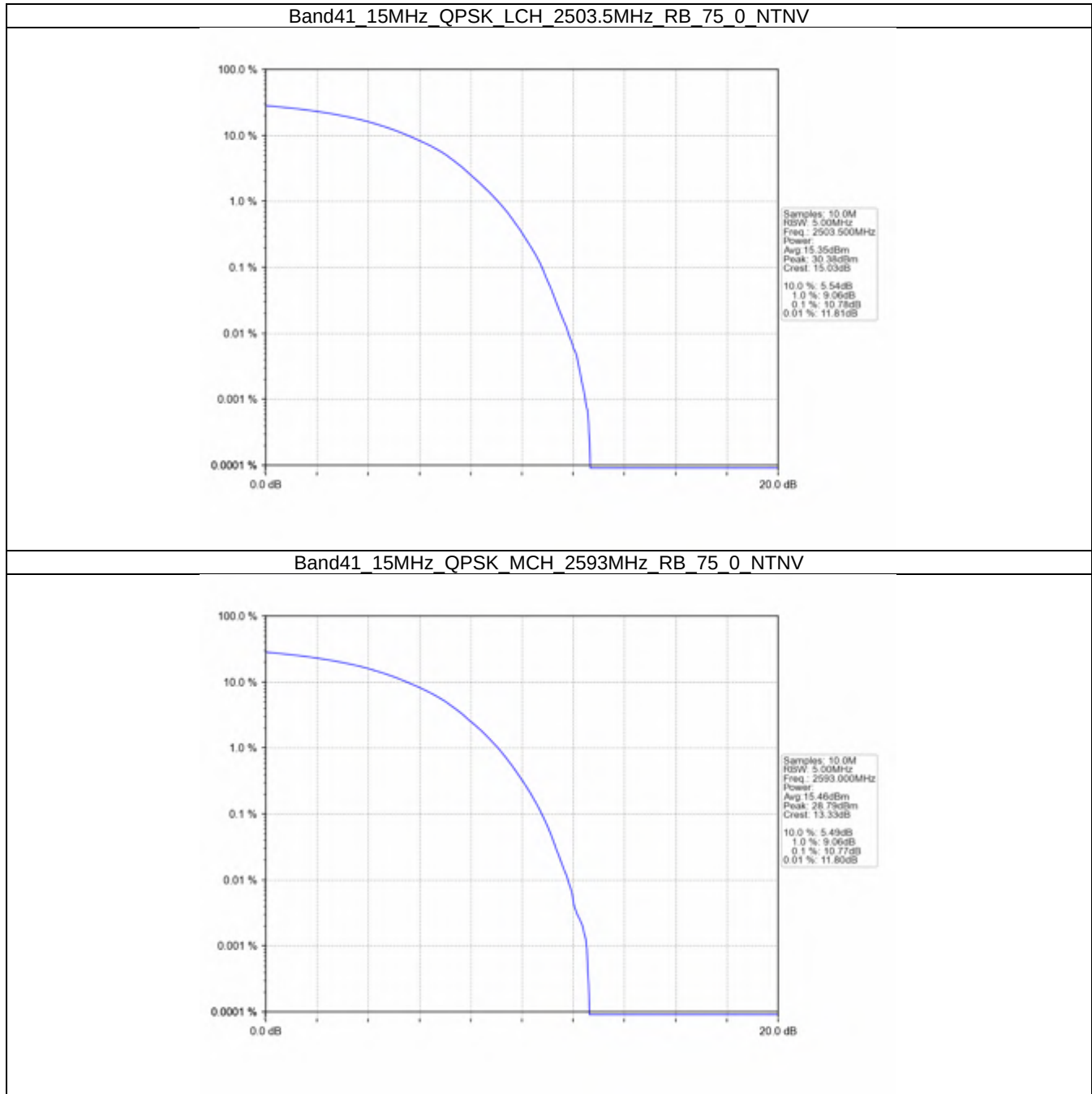
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## 10.3.2 Test Graph



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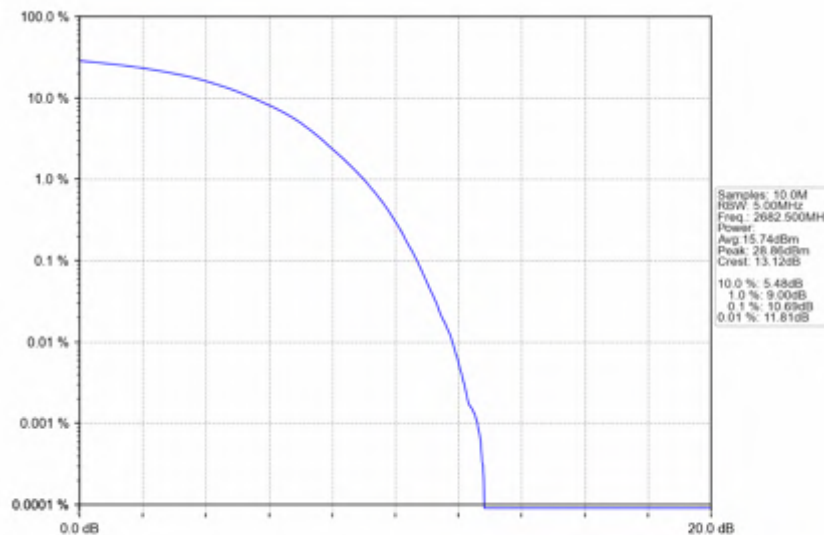
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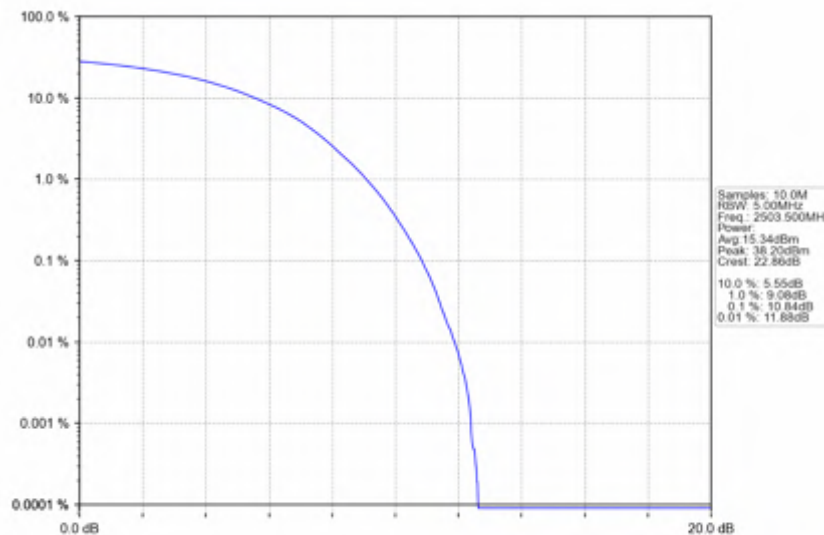
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Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



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



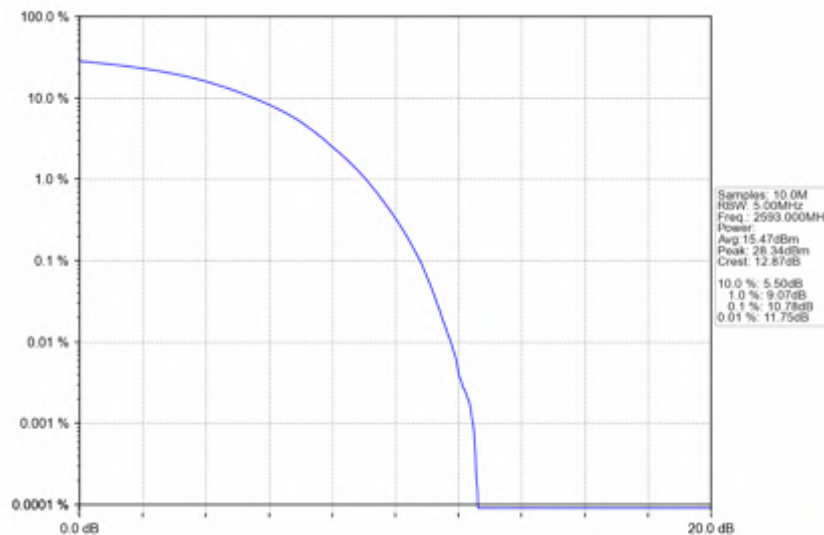
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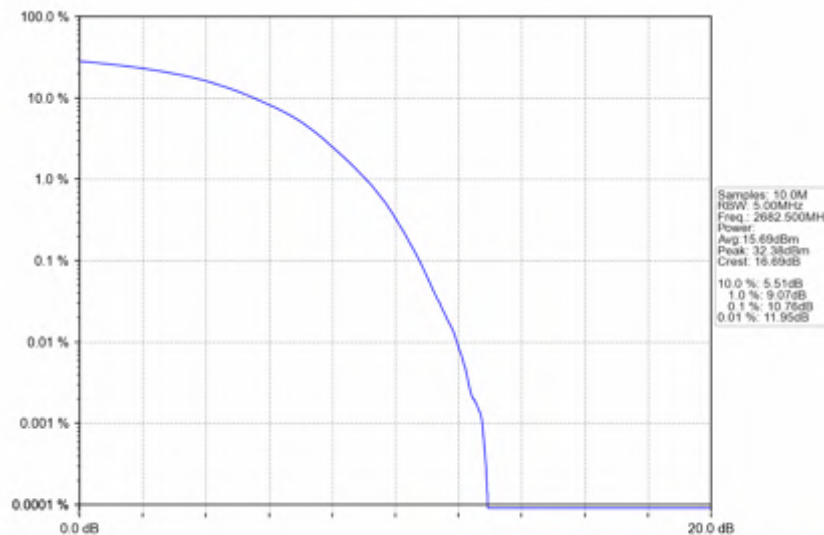
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Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



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



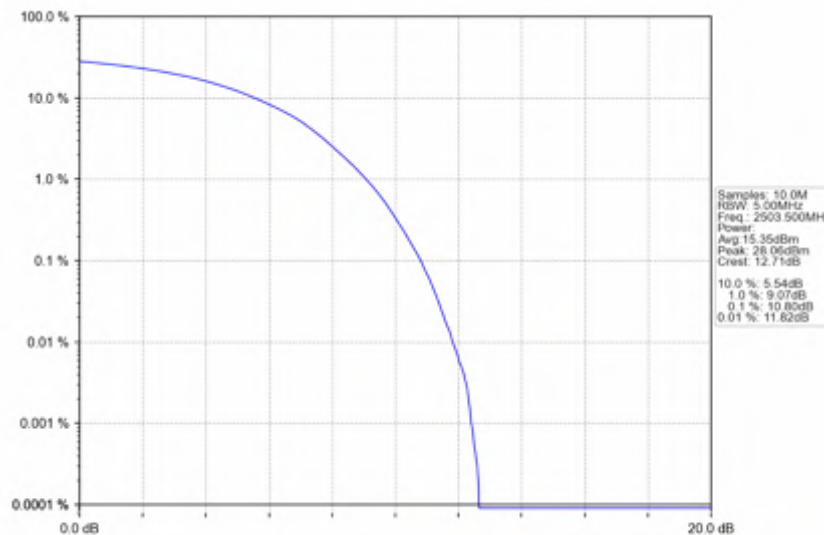
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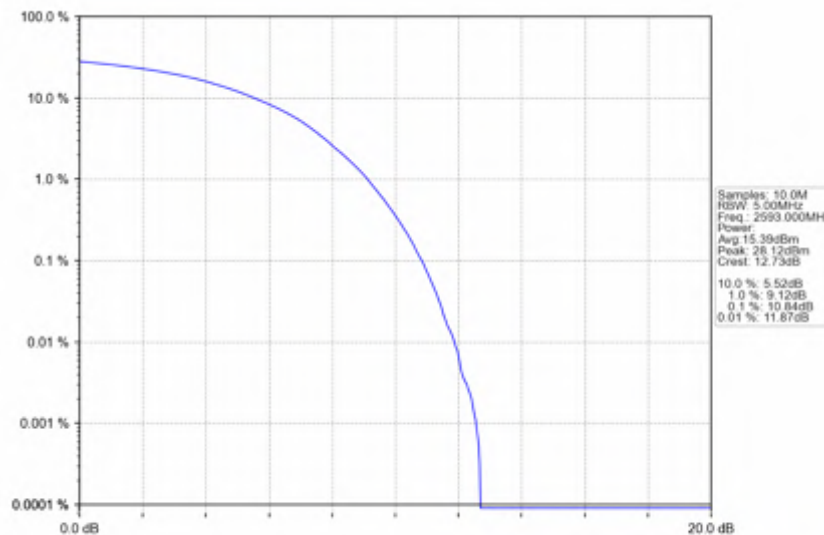
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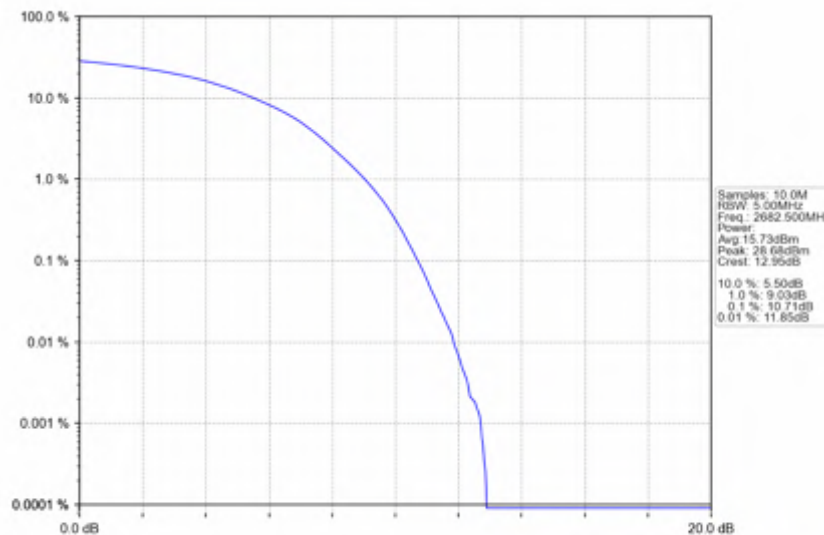
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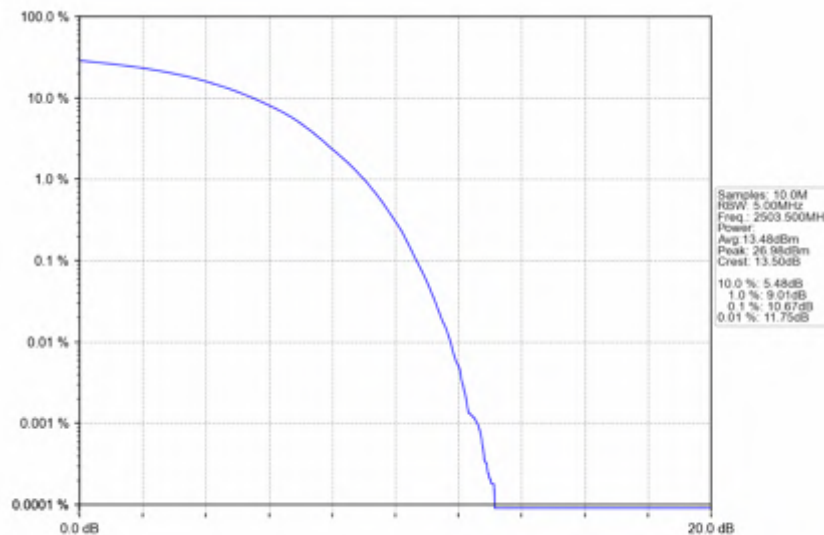
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Band41\_15MHz\_64QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



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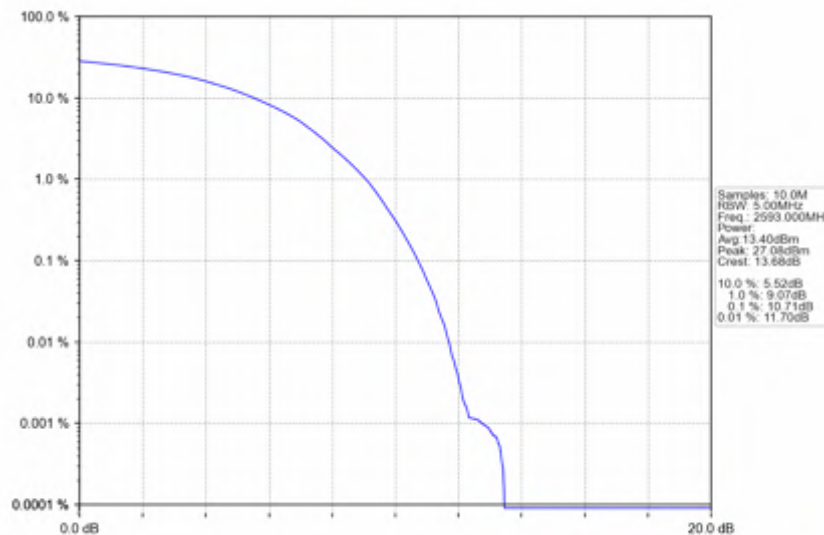


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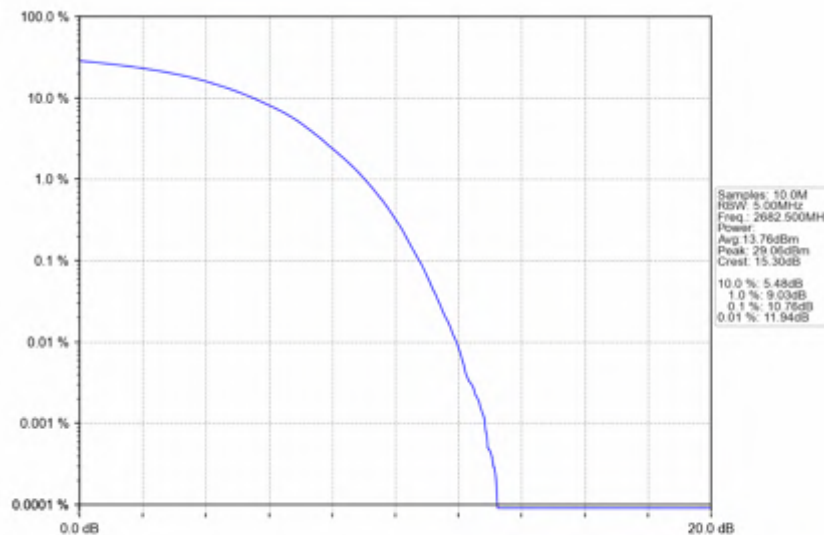
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## 10.4 B41\_20MHz

## 10.4.1 Test Result

| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2506            | 100           | 0      | 10.85                   | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 10.93                   | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 11.07                   | <=13  | Pass    |
| 16QAM                              | 2506            | 100           | 0      | 10.90                   | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 10.90                   | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 10.95                   | <=13  | Pass    |
| 64QAM                              | 2506            | 100           | 0      | 10.84                   | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 10.74                   | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 11.08                   | <=13  | Pass    |
| 256QAM                             | 2506            | 100           | 0      | 10.93                   | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 10.97                   | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 11.09                   | <=13  | Pass    |



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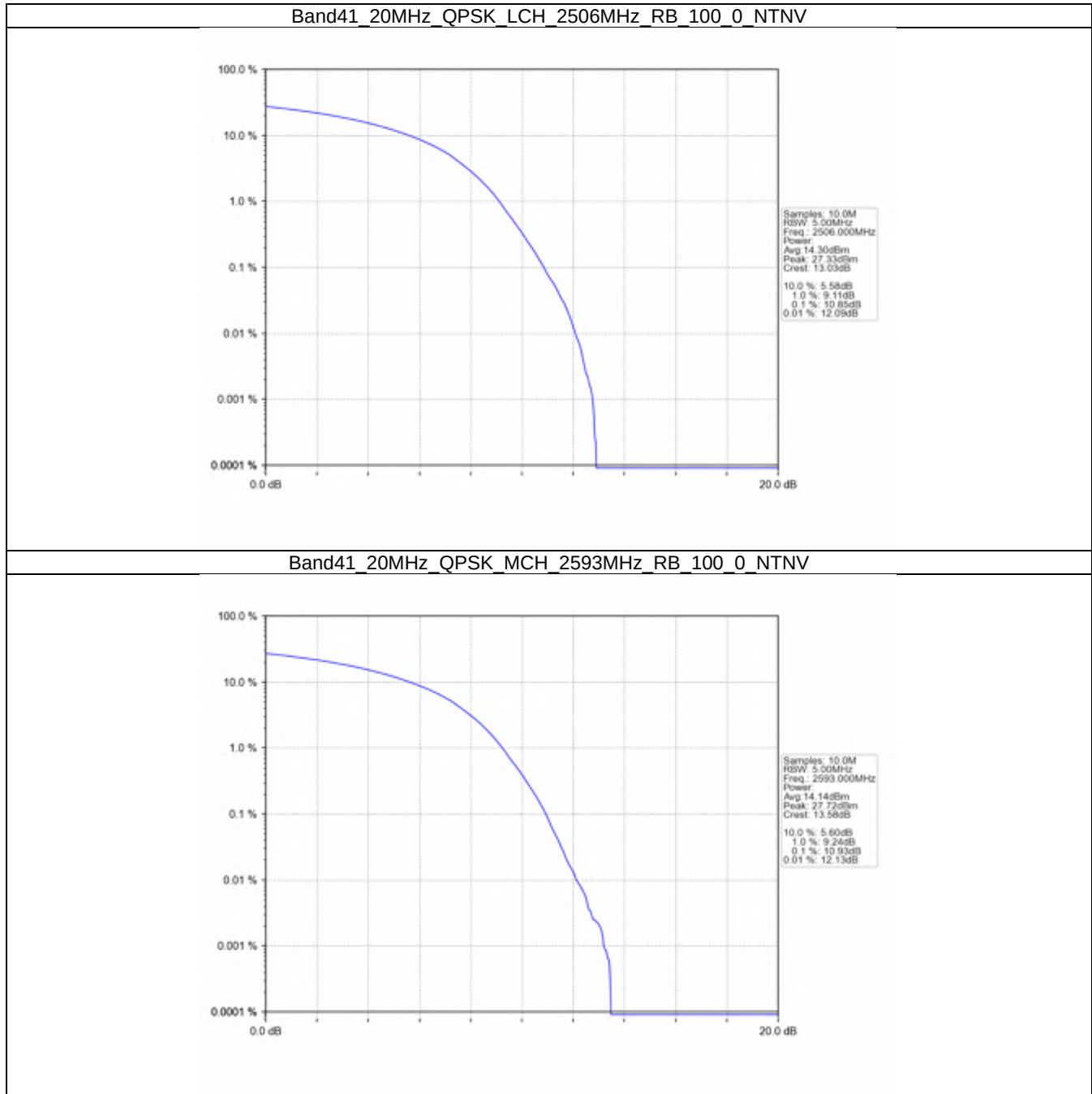
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## 10.4.2 Test Graph



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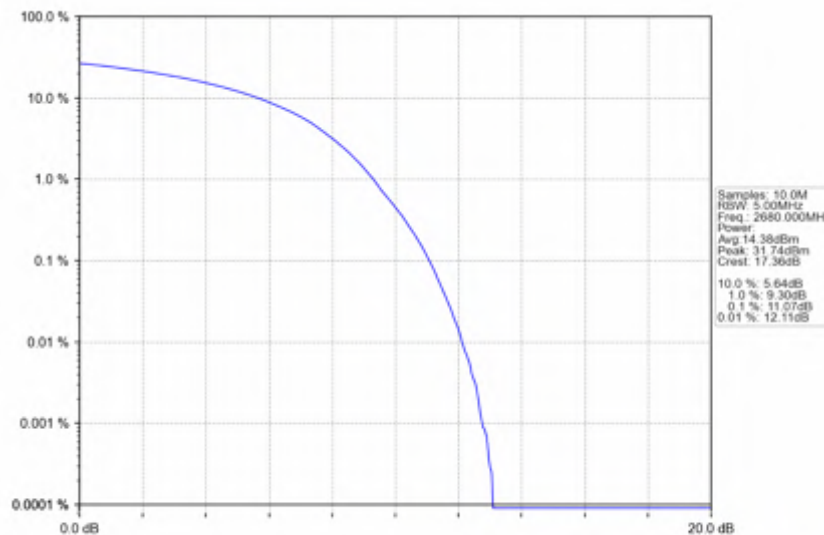
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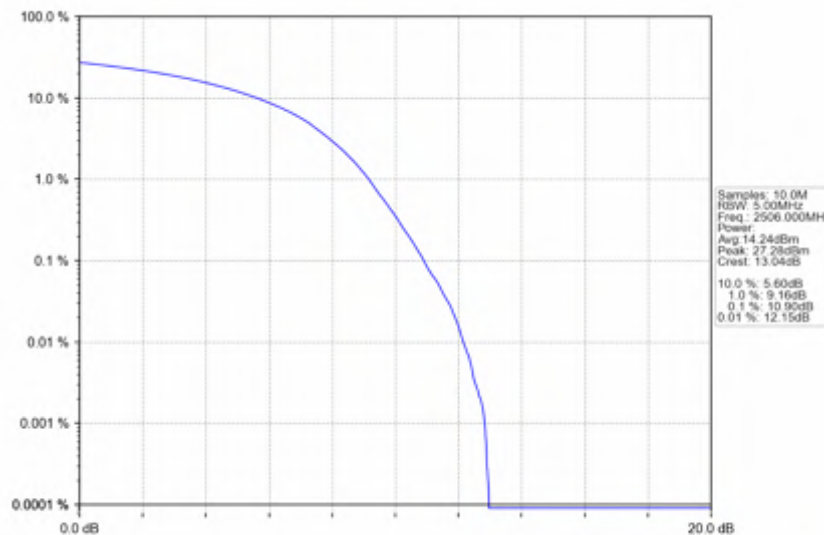
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Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV

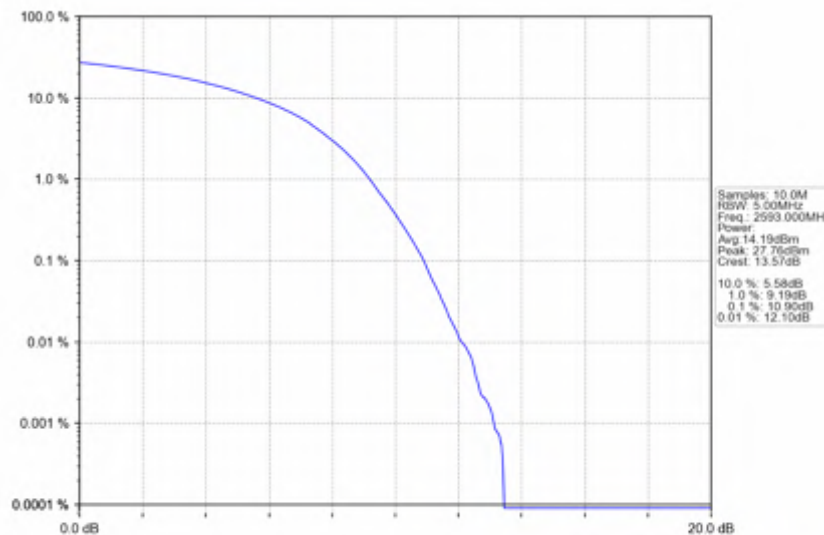


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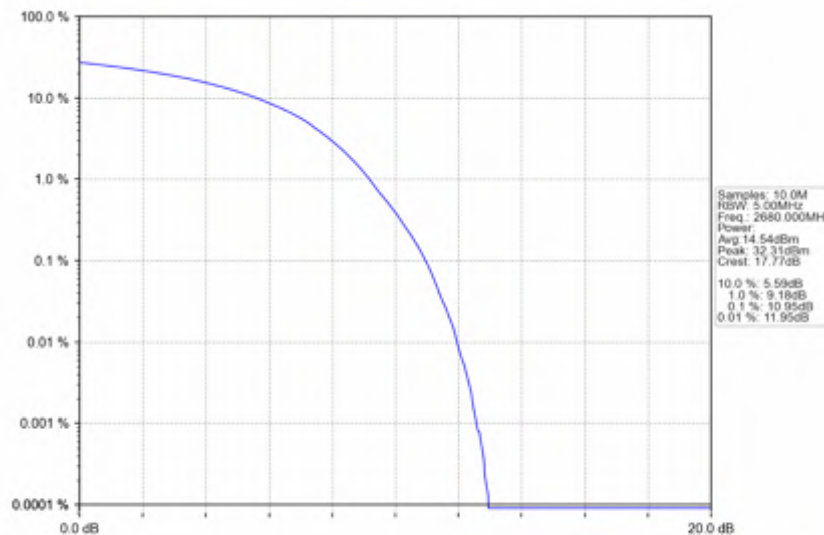
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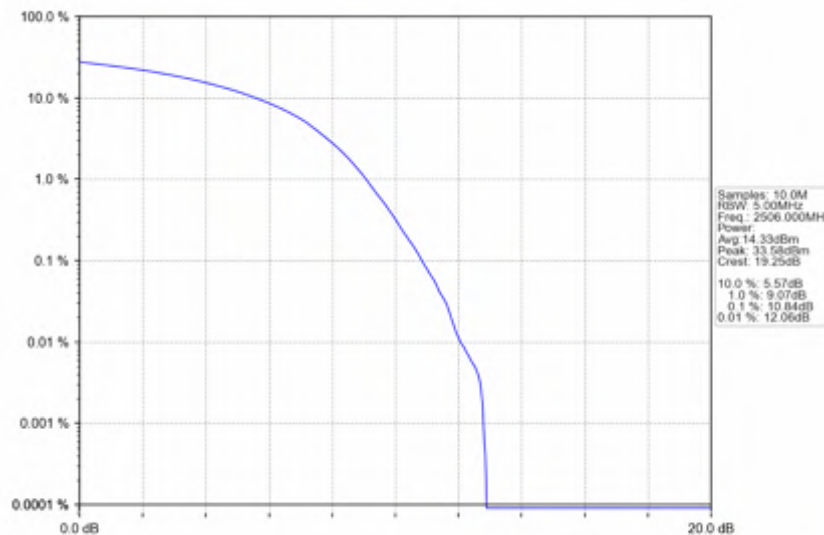
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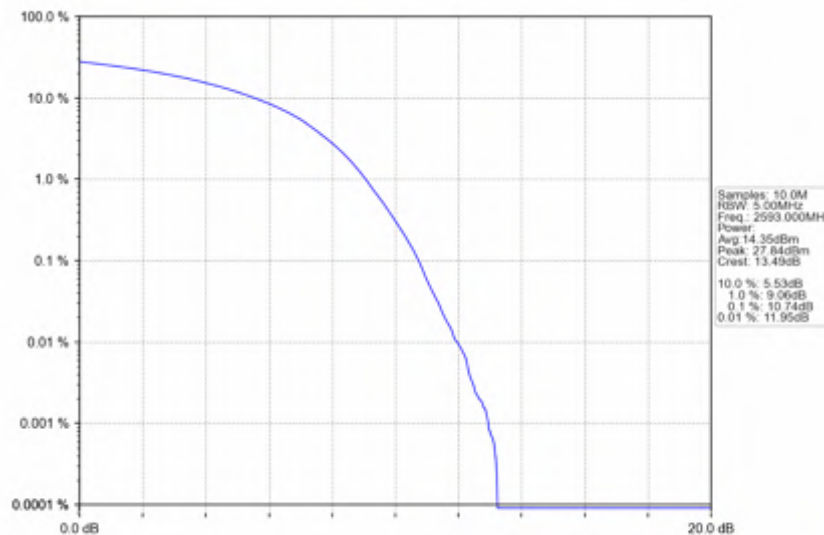
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Band41\_20MHz\_64QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



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



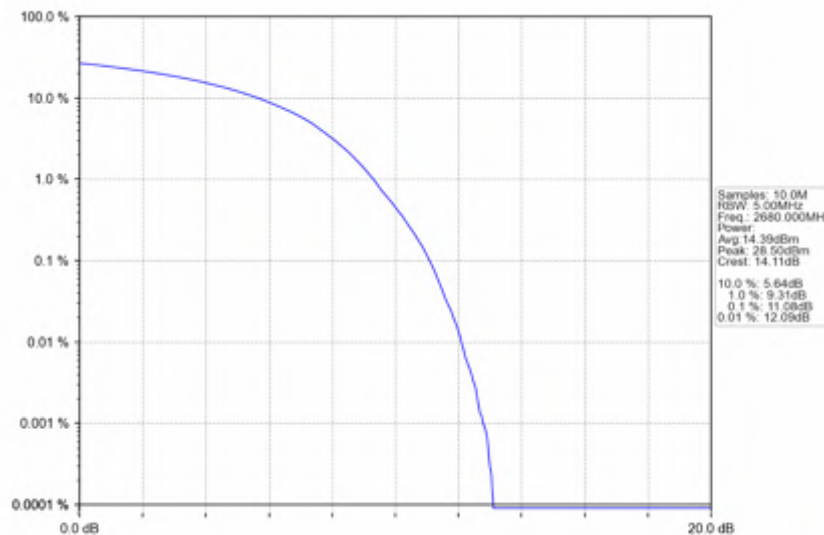
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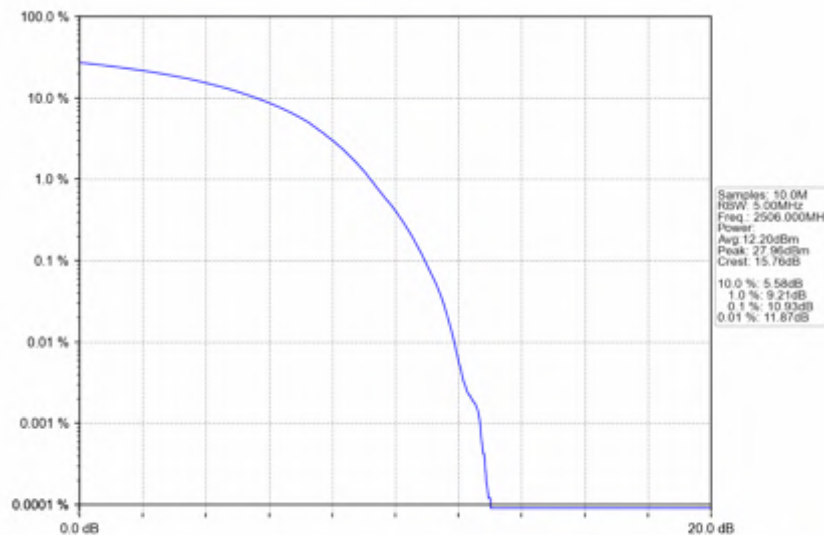
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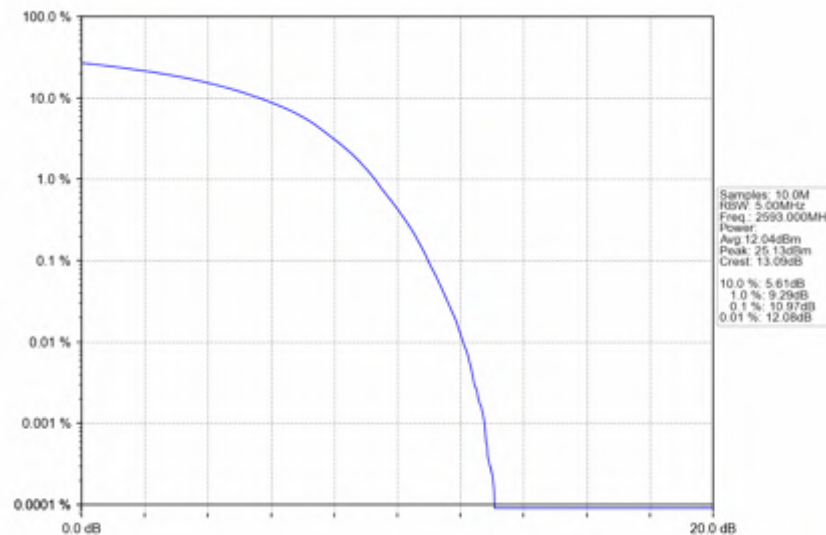
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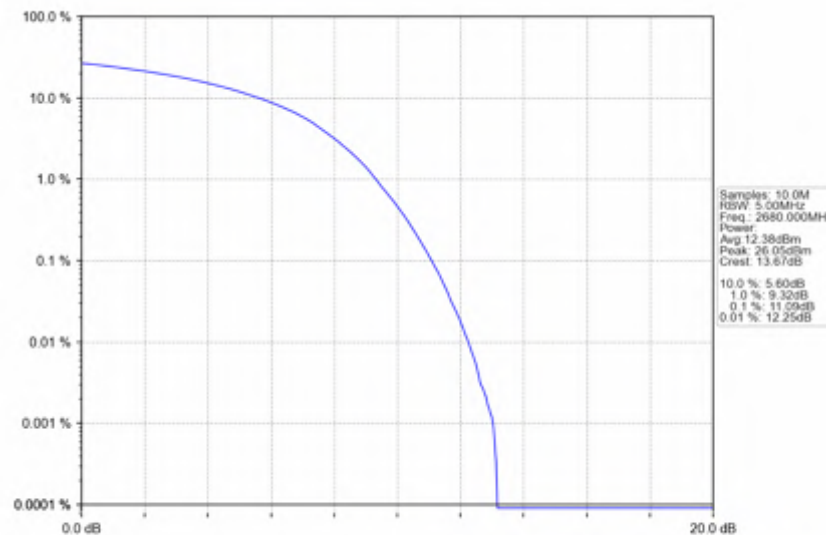
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Band41\_20MHz\_256QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



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## 11. Peak-Average Ratio

## 11.1 B42a\_5MHz

## 11.1.1 Test Result

| Band: 42a / Bandwidth: 5MHz / NTV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 3452.5          | 25            | 0      | 9.17                    | <=13  | Pass    |
|                                   | 3500            | 25            | 0      | 9.35                    | <=13  | Pass    |
|                                   | 3547.5          | 25            | 0      | 9.31                    | <=13  | Pass    |
| 16QAM                             | 3452.5          | 25            | 0      | 9.19                    | <=13  | Pass    |
|                                   | 3500            | 25            | 0      | 9.31                    | <=13  | Pass    |
|                                   | 3547.5          | 25            | 0      | 9.31                    | <=13  | Pass    |
| 64QAM                             | 3452.5          | 25            | 0      | 9.19                    | <=13  | Pass    |
|                                   | 3500            | 25            | 0      | 9.26                    | <=13  | Pass    |
|                                   | 3547.5          | 25            | 0      | 9.31                    | <=13  | Pass    |
| 256QAM                            | 3452.5          | 25            | 0      | 9.83                    | <=13  | Pass    |
|                                   | 3500            | 25            | 0      | 9.79                    | <=13  | Pass    |
|                                   | 3547.5          | 25            | 0      | 9.71                    | <=13  | Pass    |



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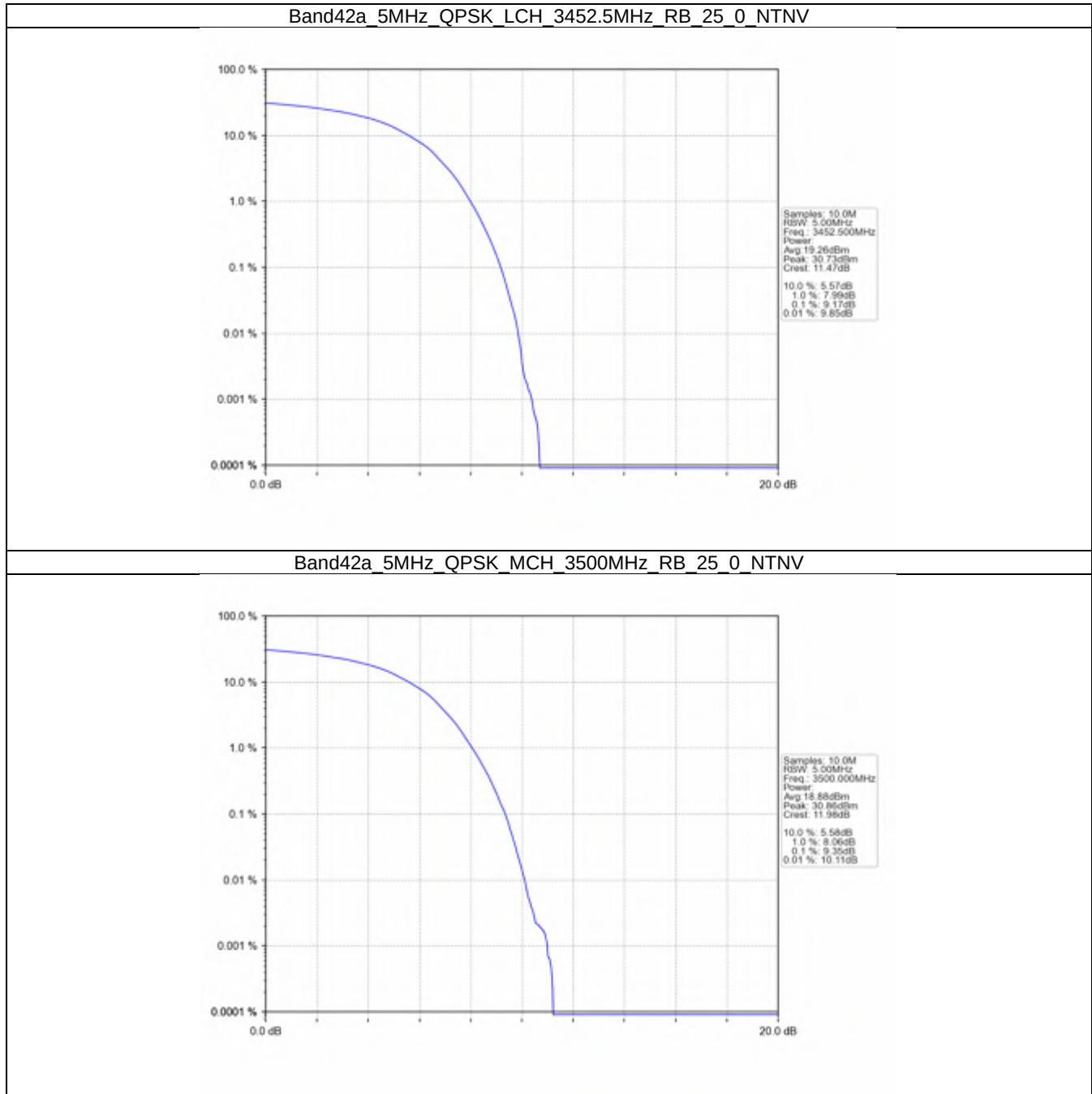
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## 11.1.2 Test Graph



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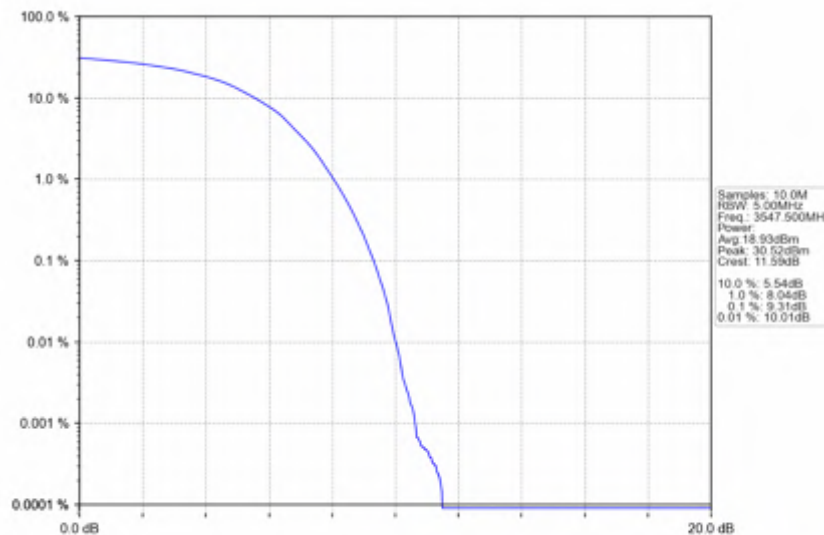
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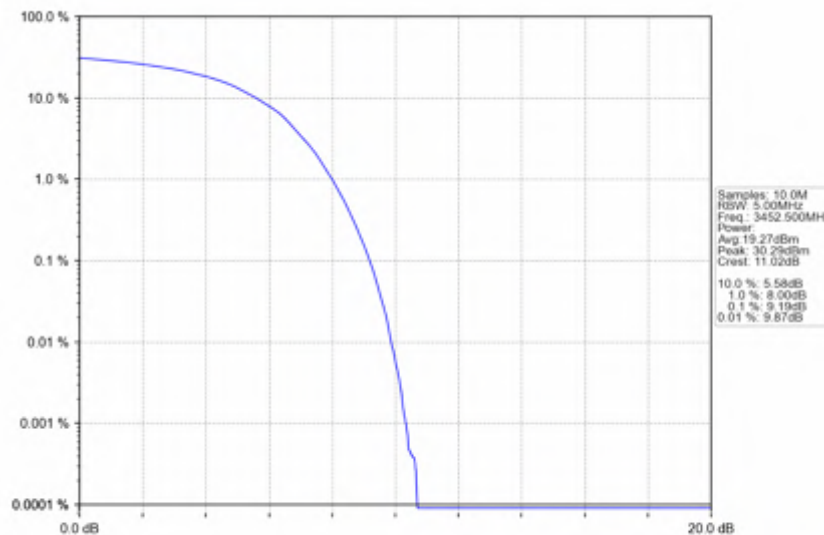
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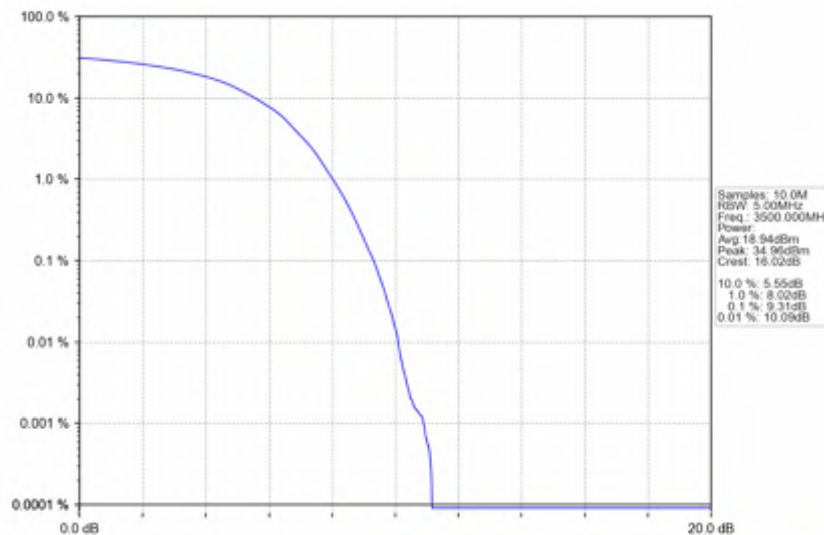
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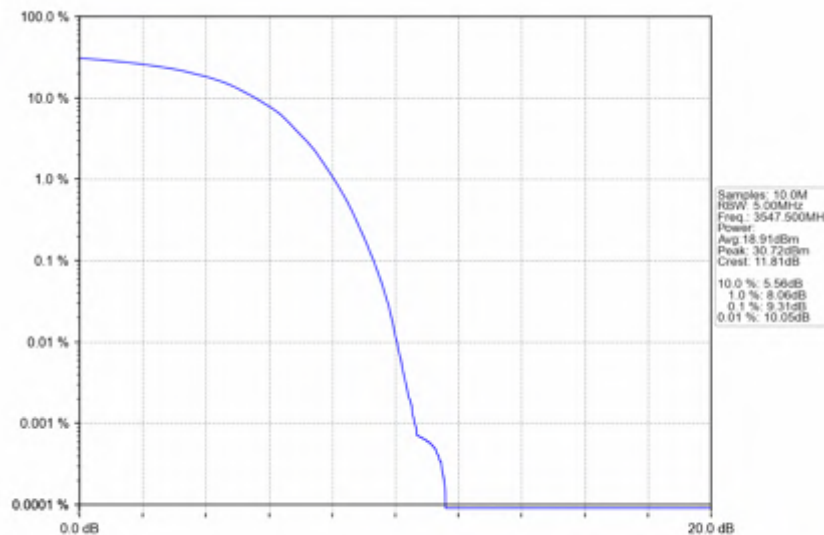
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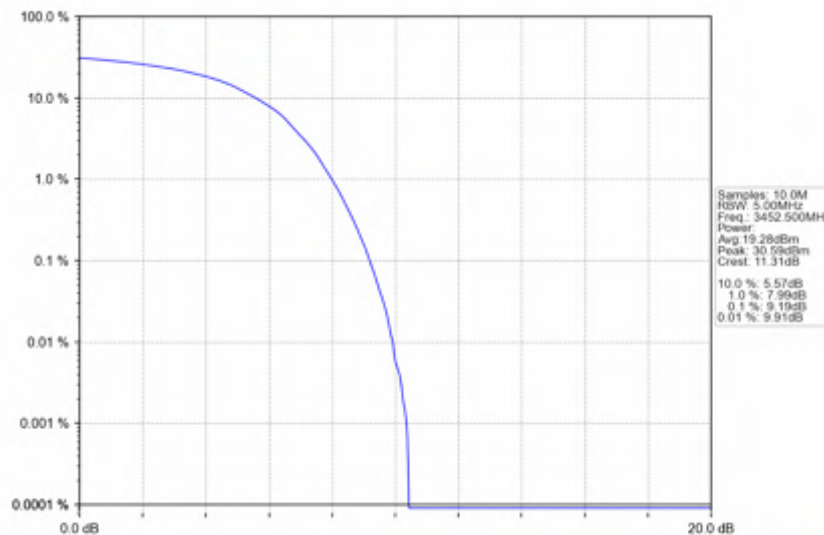
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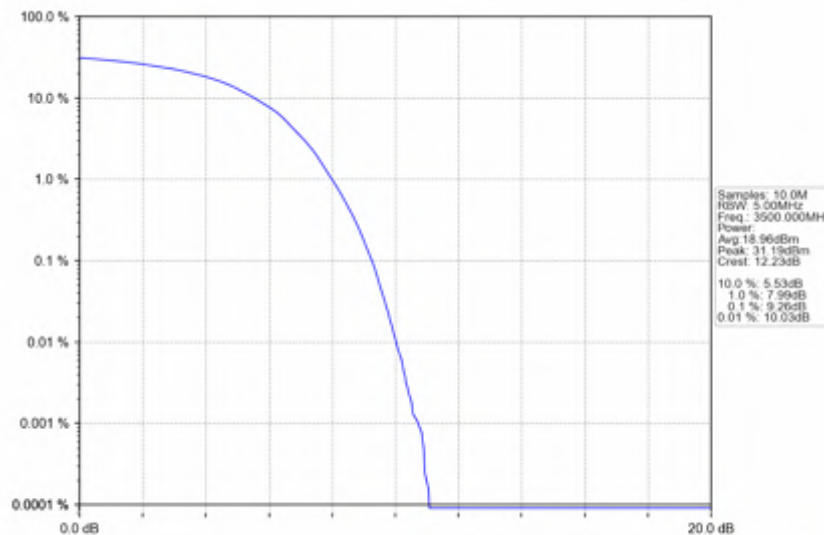
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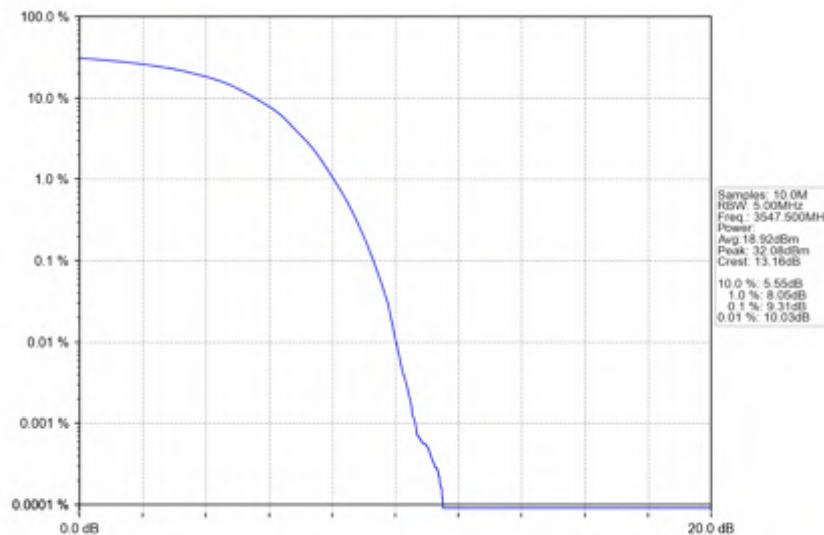
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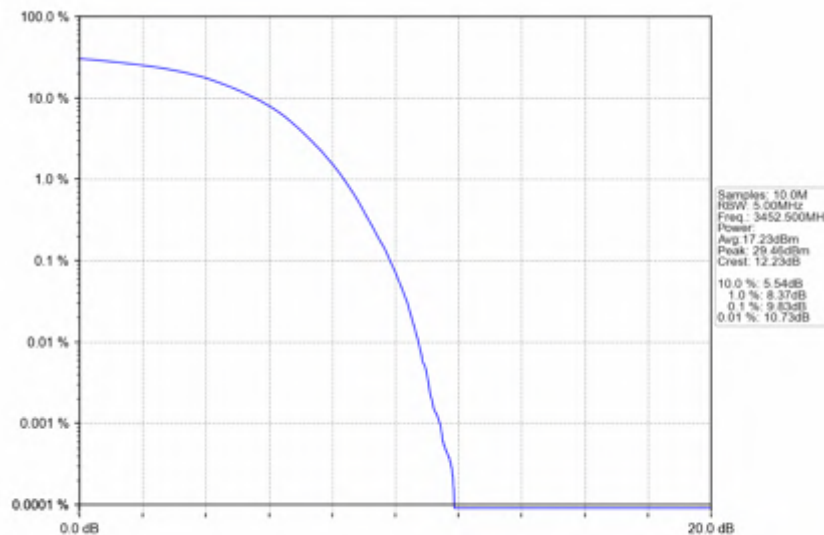
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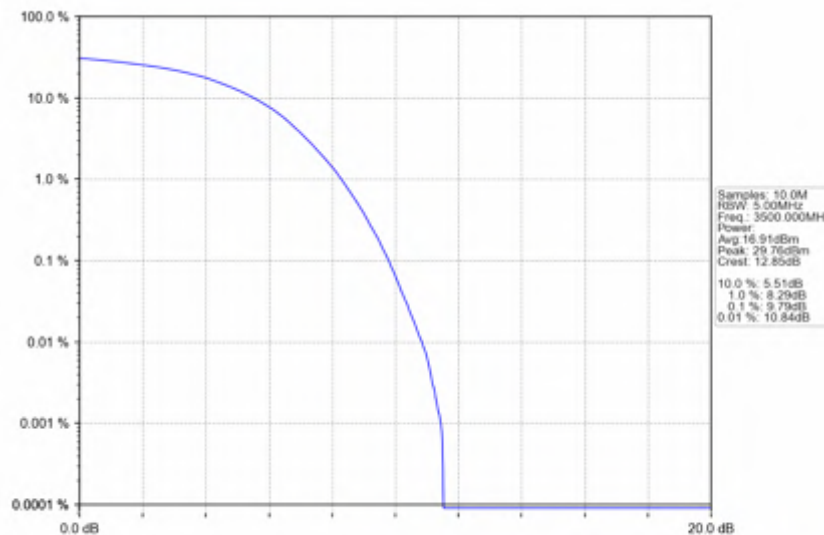
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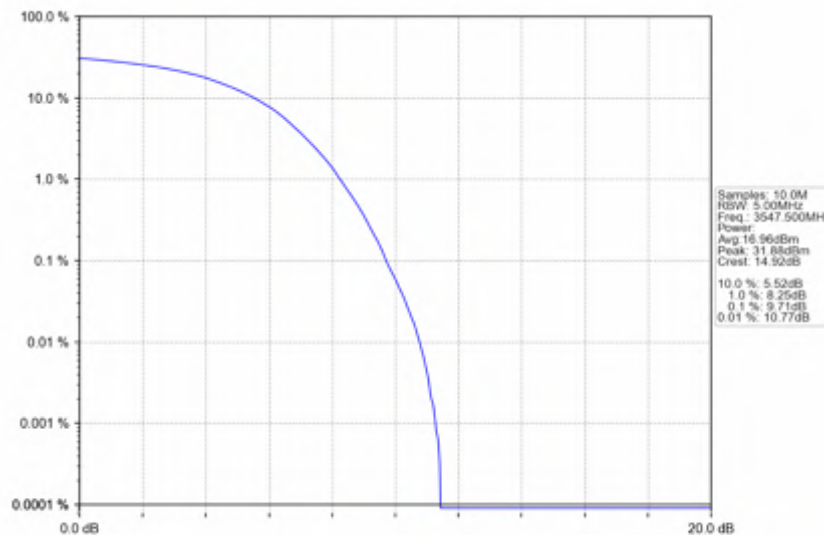
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Band42a\_5MHz\_256QAM\_MCH\_3500MHz\_RB\_25\_0\_NTNV



Band42a\_5MHz\_256QAM\_HCH\_3547.5MHz\_RB\_25\_0\_NTNV



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## 11.2 B42a\_10MHz

## 11.2.1 Test Result

| Band: 42a / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 3455            | 50            | 0      | 10.05                   | <=13  | Pass    |
|                                     | 3500            | 50            | 0      | 10.03                   | <=13  | Pass    |
|                                     | 3545            | 50            | 0      | 10.01                   | <=13  | Pass    |
| 16QAM                               | 3455            | 50            | 0      | 9.99                    | <=13  | Pass    |
|                                     | 3500            | 50            | 0      | 10.02                   | <=13  | Pass    |
|                                     | 3545            | 50            | 0      | 9.96                    | <=13  | Pass    |
| 64QAM                               | 3455            | 50            | 0      | 10.05                   | <=13  | Pass    |
|                                     | 3500            | 50            | 0      | 10.04                   | <=13  | Pass    |
|                                     | 3545            | 50            | 0      | 9.93                    | <=13  | Pass    |
| 256QAM                              | 3455            | 50            | 0      | 10.20                   | <=13  | Pass    |
|                                     | 3500            | 50            | 0      | 10.26                   | <=13  | Pass    |
|                                     | 3545            | 50            | 0      | 10.19                   | <=13  | Pass    |



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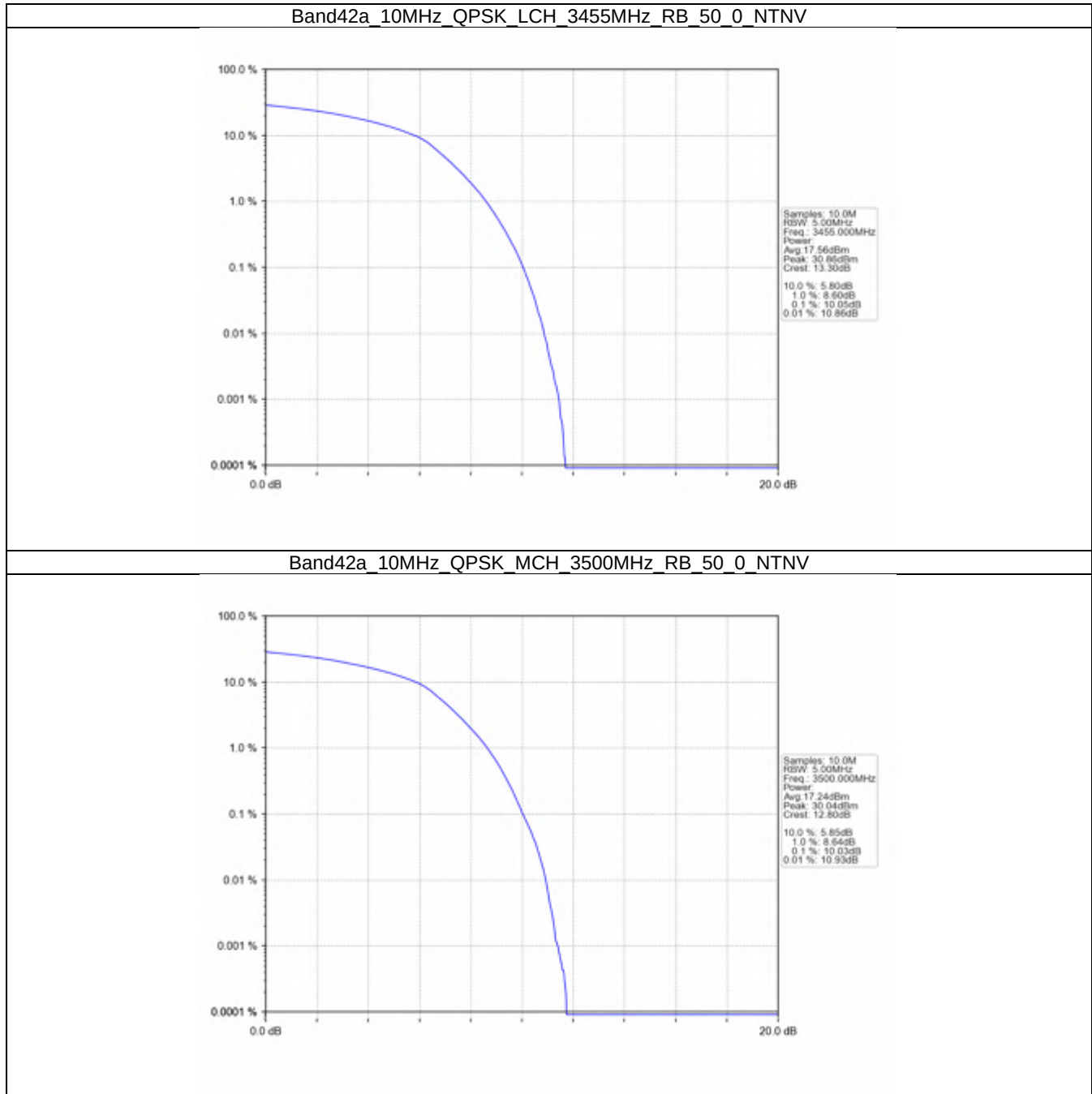
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## 11.2.2 Test Graph



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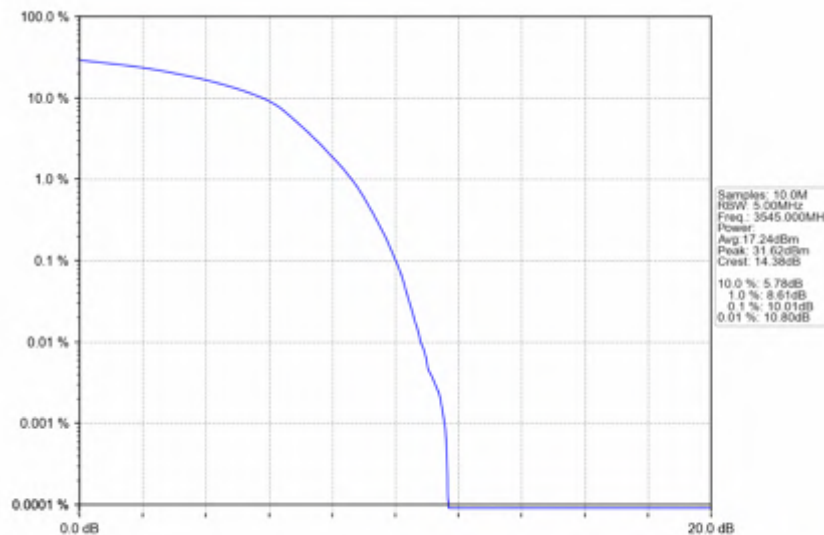
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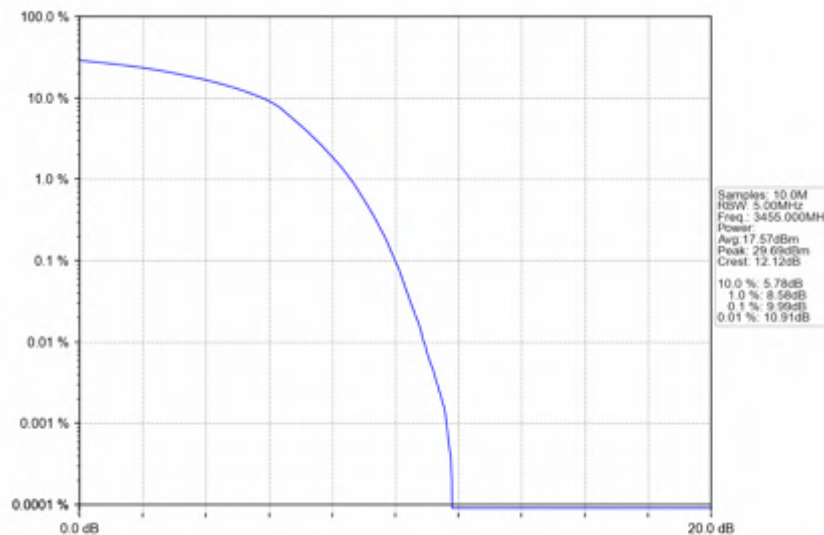
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Band42a\_10MHz\_QPSK\_HCH\_3545MHz\_RB\_50\_0\_NTNV



Band42a\_10MHz\_16QAM\_LCH\_3455MHz\_RB\_50\_0\_NTNV

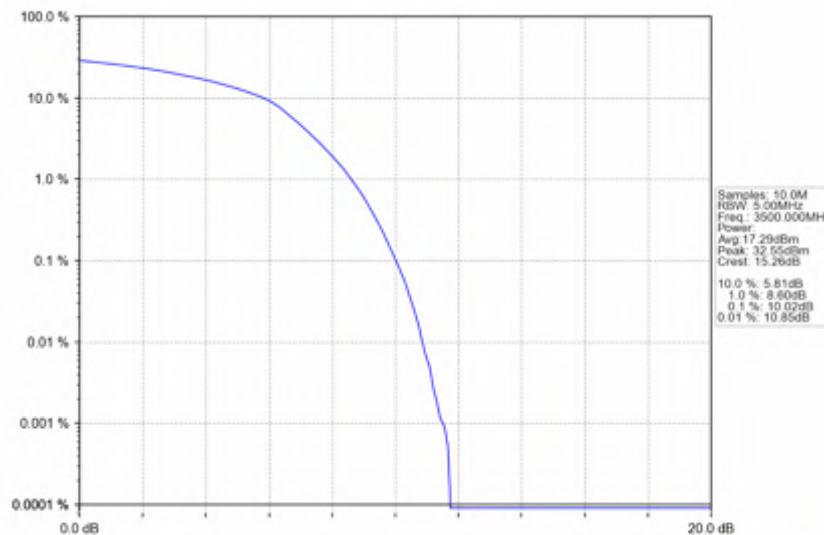


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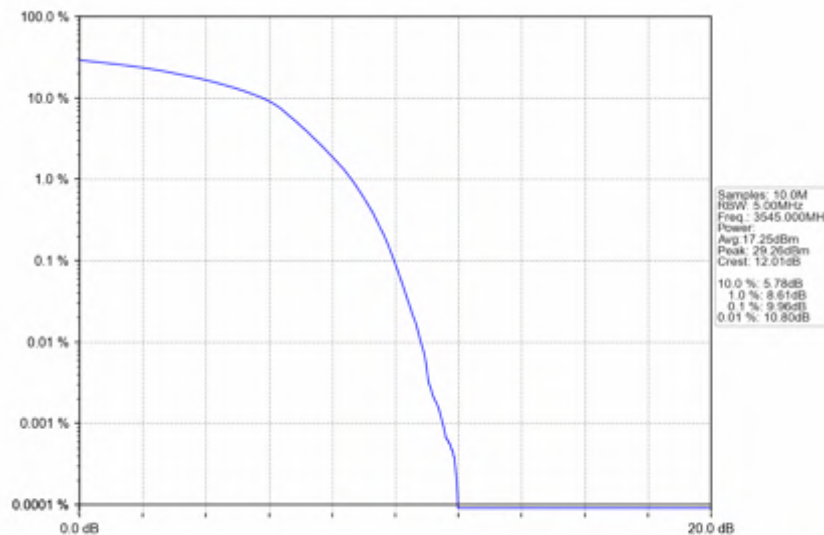
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Band42a\_10MHz\_16QAM\_MCH\_3500MHz\_RB\_50\_0\_NTNV



Band42a\_10MHz\_16QAM\_HCH\_3545MHz\_RB\_50\_0\_NTNV

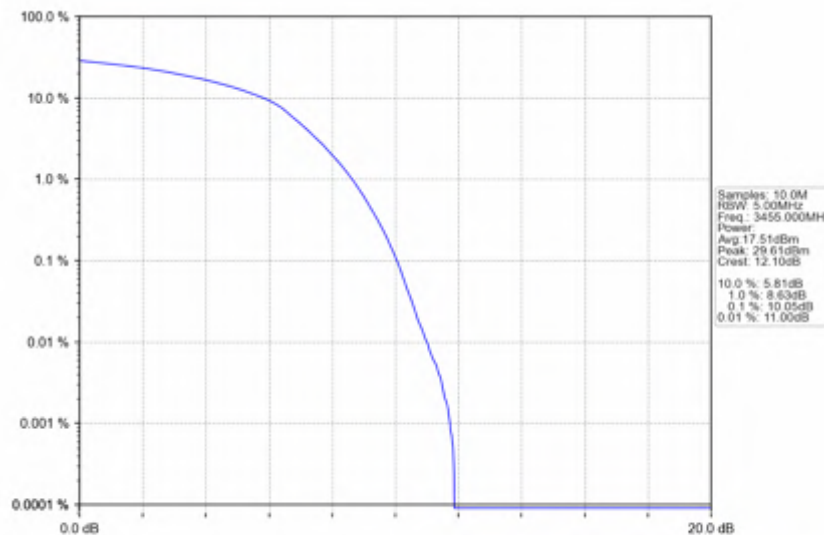


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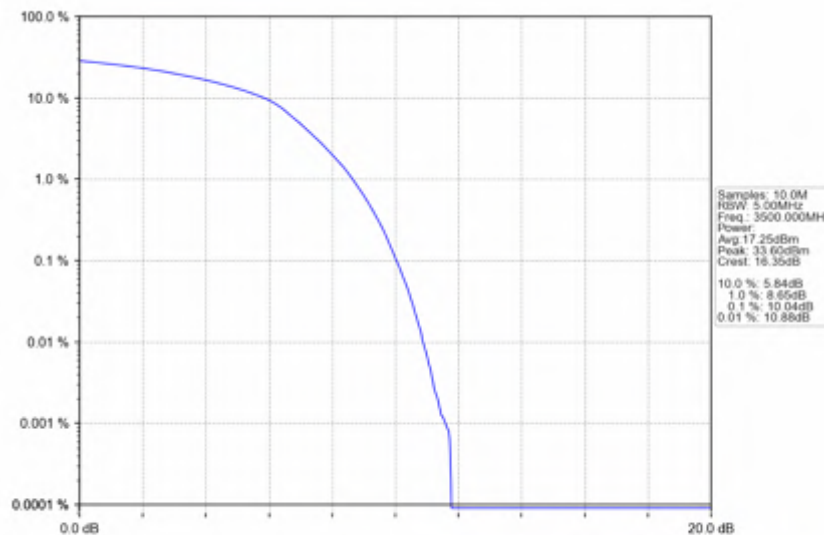
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Band42a\_10MHz\_64QAM\_LCH\_3455MHz\_RB\_50\_0\_NTNV



Band42a\_10MHz\_64QAM\_MCH\_3500MHz\_RB\_50\_0\_NTNV

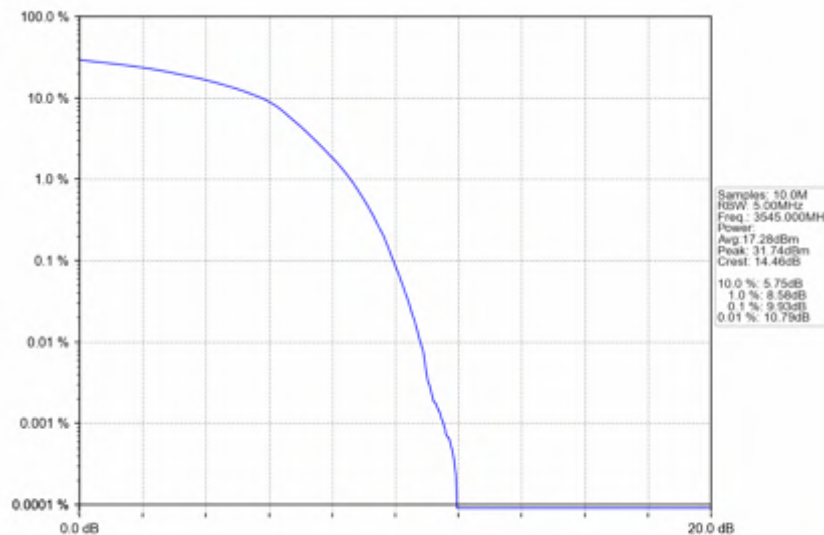


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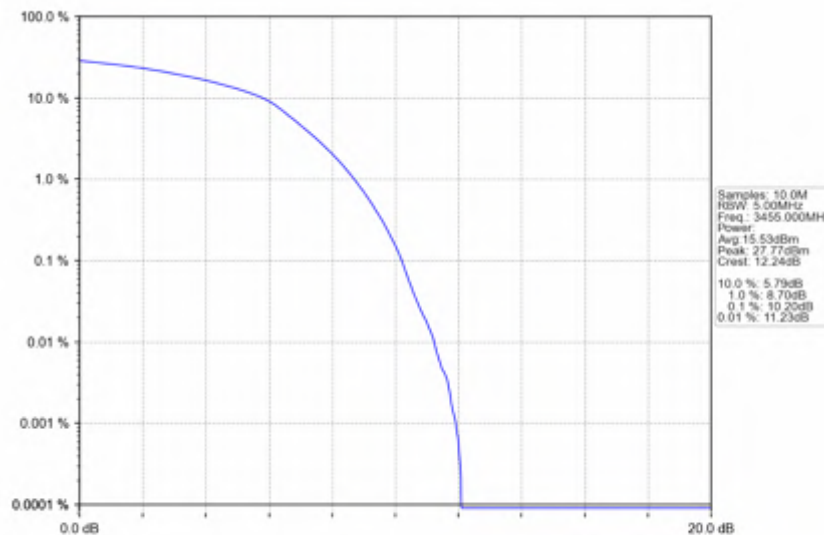
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Band42a\_10MHz\_256QAM\_LCH\_3455MHz\_RB\_50\_0\_NTNV



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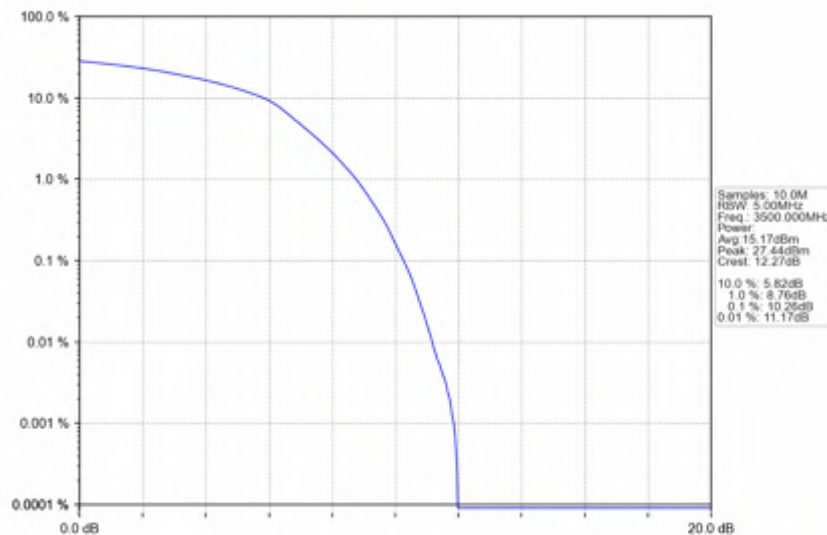
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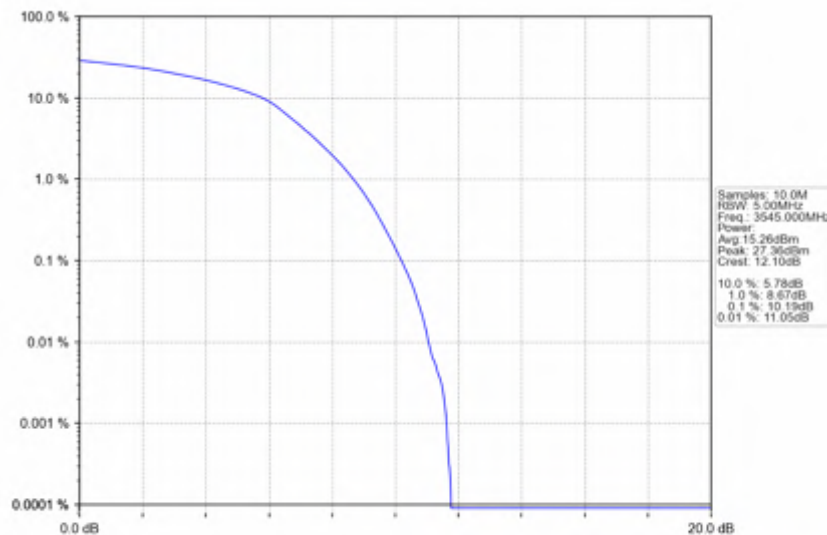
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## 11.3 B42a\_15MHz

### 11.3.1 Test Result

| Band: 42a / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 3457.5          | 75            | 0      | 10.57                   | <=13  | Pass    |
|                                     | 3500            | 75            | 0      | 10.61                   | <=13  | Pass    |
|                                     | 3542.5          | 75            | 0      | 10.65                   | <=13  | Pass    |
| 16QAM                               | 3457.5          | 75            | 0      | 10.65                   | <=13  | Pass    |
|                                     | 3500            | 75            | 0      | 10.66                   | <=13  | Pass    |
|                                     | 3542.5          | 75            | 0      | 10.67                   | <=13  | Pass    |
| 64QAM                               | 3457.5          | 75            | 0      | 10.59                   | <=13  | Pass    |
|                                     | 3500            | 75            | 0      | 10.56                   | <=13  | Pass    |
|                                     | 3542.5          | 75            | 0      | 10.57                   | <=13  | Pass    |
| 256QAM                              | 3457.5          | 75            | 0      | 10.52                   | <=13  | Pass    |
|                                     | 3500            | 75            | 0      | 10.56                   | <=13  | Pass    |
|                                     | 3542.5          | 75            | 0      | 10.70                   | <=13  | Pass    |



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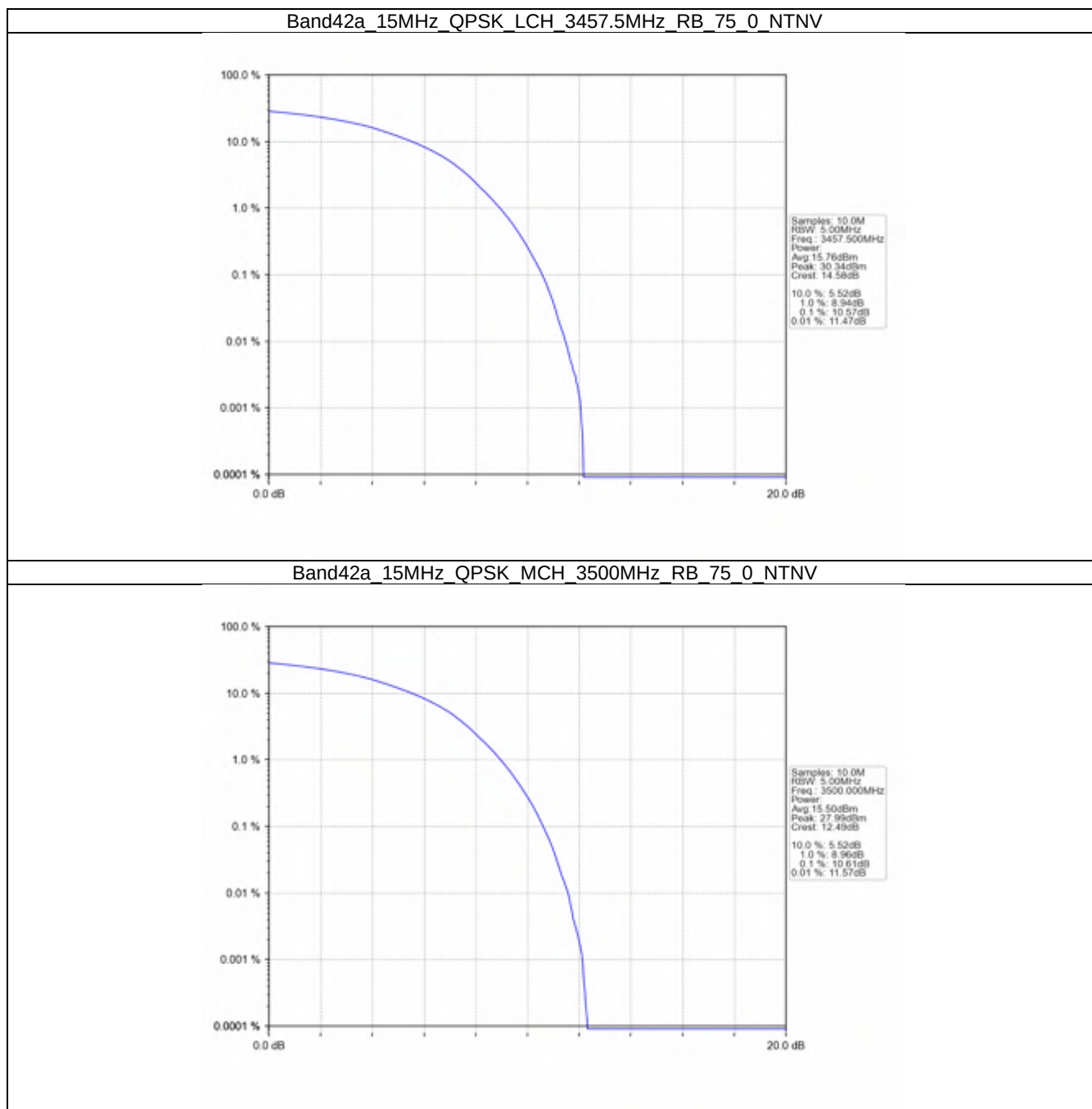
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## 11.3.2 Test Graph



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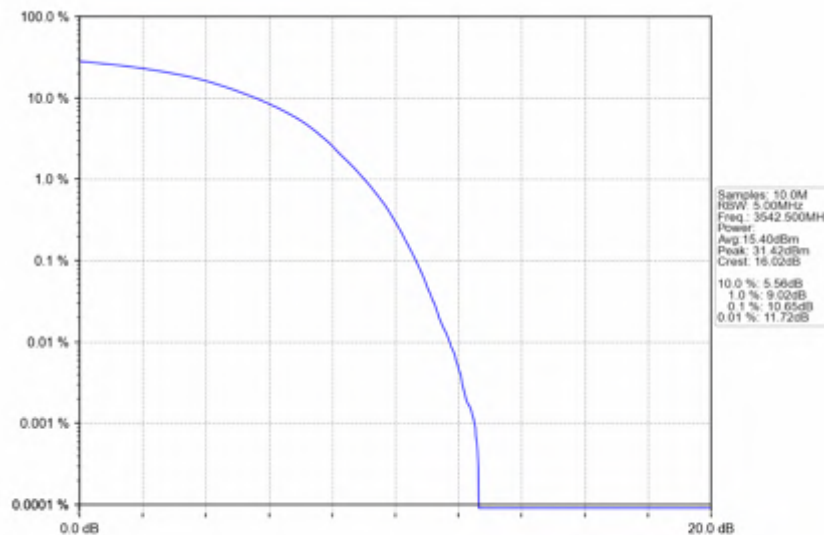
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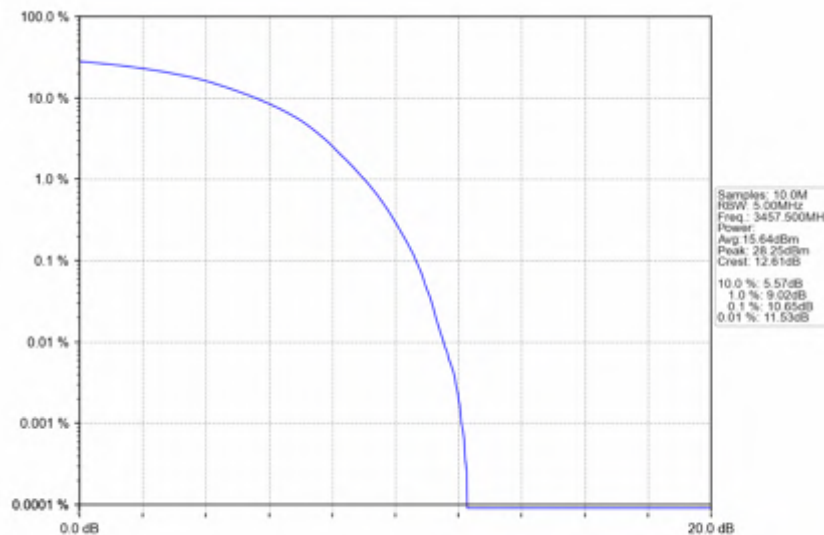
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Band42a\_15MHz\_QPSK\_HCH\_3542.5MHz\_RB\_75\_0\_NTNV



Band42a\_15MHz\_16QAM\_LCH\_3457.5MHz\_RB\_75\_0\_NTNV



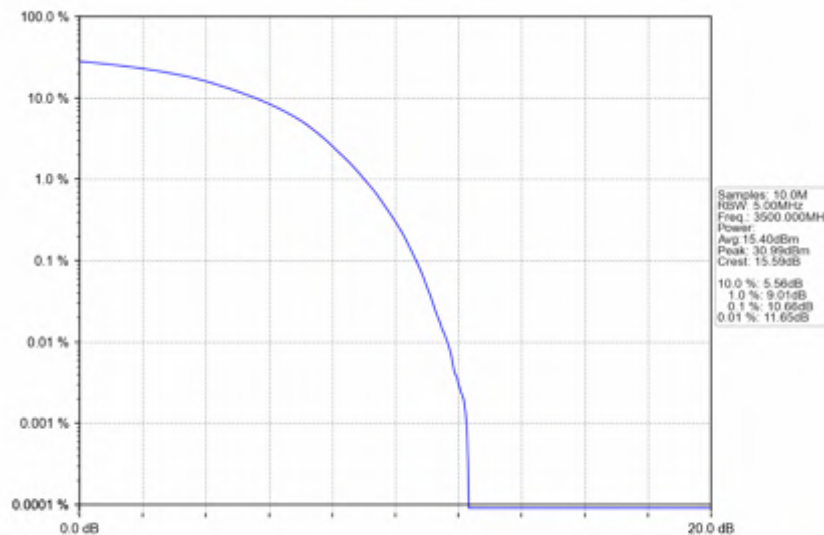
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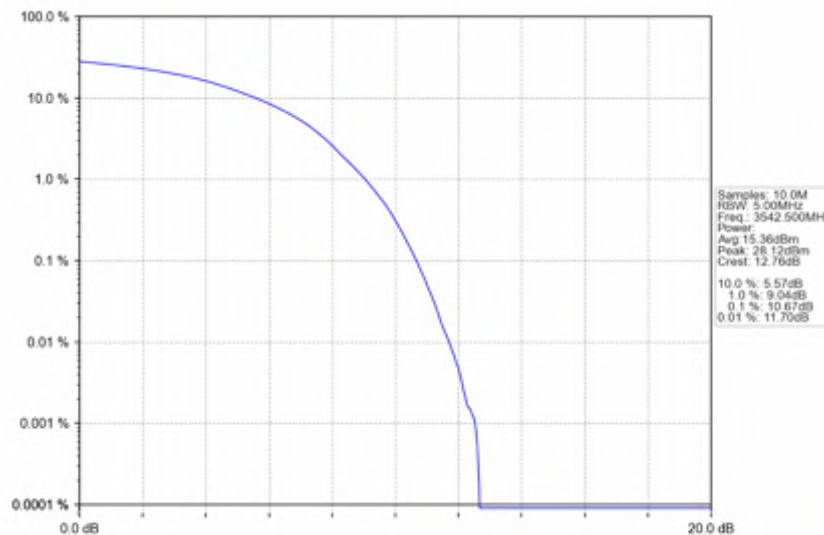
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Band42a\_15MHz\_16QAM\_MCH\_3500MHz\_RB\_75\_0\_NTNV



Band42a\_15MHz\_16QAM\_HCH\_3542.5MHz\_RB\_75\_0\_NTNV



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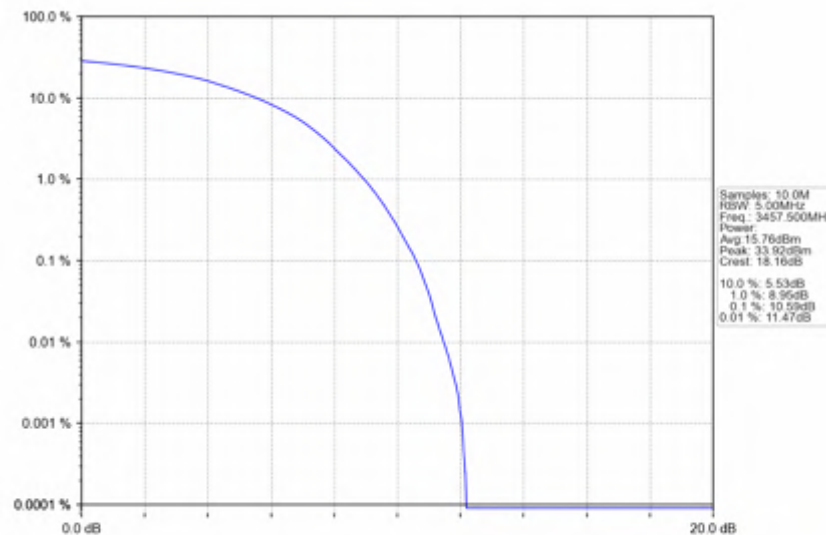
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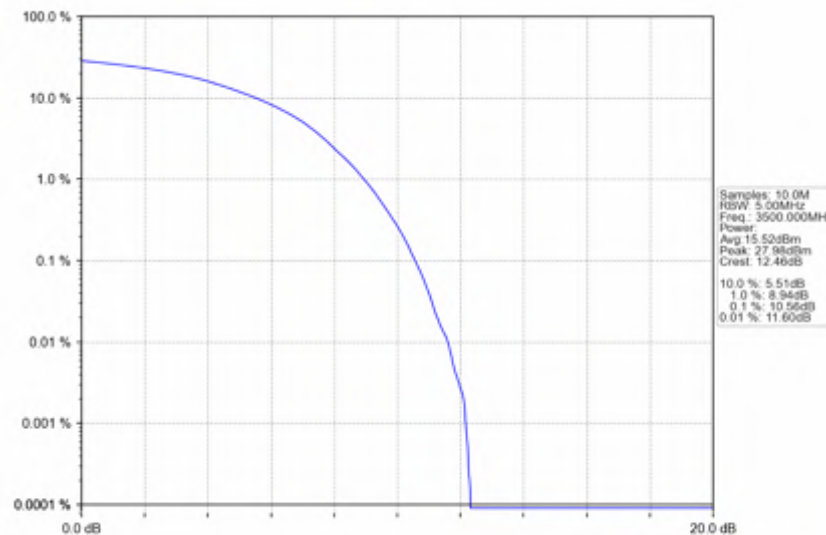
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Band42a\_15MHz\_64QAM\_LCH\_3457.5MHz\_RB\_75\_0\_NTNV



Band42a\_15MHz\_64QAM\_MCH\_3500MHz\_RB\_75\_0\_NTNV



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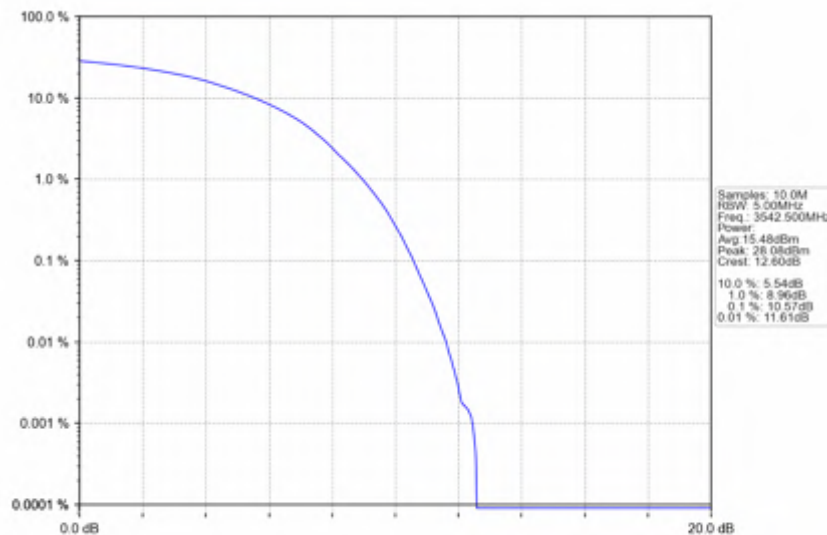
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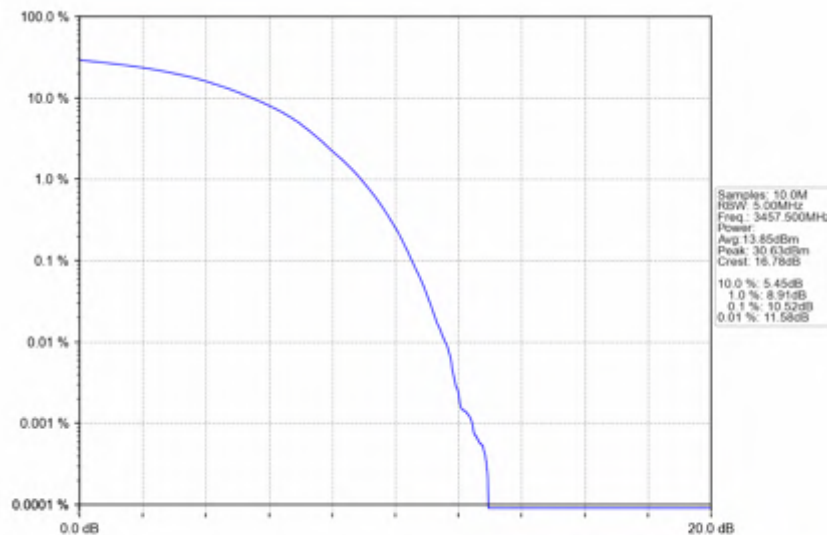
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Band42a\_15MHz\_64QAM\_HCH\_3542.5MHz\_RB\_75\_0\_NTNV



Band42a\_15MHz\_256QAM\_LCH\_3457.5MHz\_RB\_75\_0\_NTNV

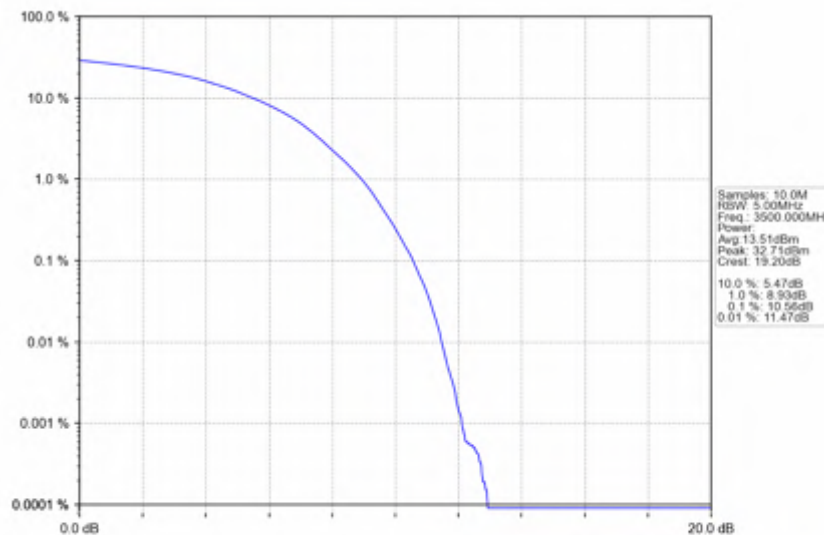


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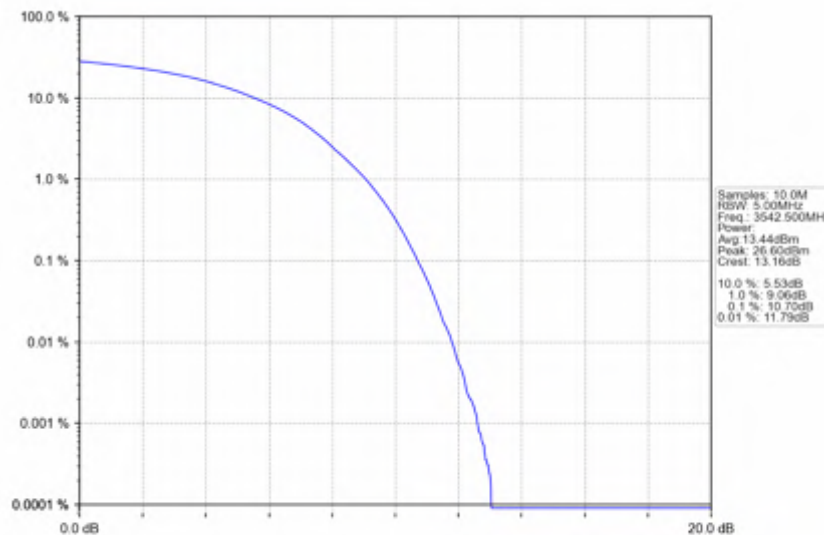
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Band42a\_15MHz\_256QAM\_MCH\_3500MHz\_RB\_75\_0\_NTNV



Band42a\_15MHz\_256QAM\_HCH\_3542.5MHz\_RB\_75\_0\_NTNV



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## 11.4 B42a\_20MHz

## 11.4.1 Test Result

| Band: 42a / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 3460            | 100           | 0      | 10.72                   | <=13  | Pass    |
|                                     | 3500            | 100           | 0      | 10.64                   | <=13  | Pass    |
|                                     | 3540            | 100           | 0      | 11.08                   | <=13  | Pass    |
| 16QAM                               | 3460            | 100           | 0      | 10.78                   | <=13  | Pass    |
|                                     | 3500            | 100           | 0      | 10.92                   | <=13  | Pass    |
|                                     | 3540            | 100           | 0      | 10.82                   | <=13  | Pass    |
| 64QAM                               | 3460            | 100           | 0      | 10.89                   | <=13  | Pass    |
|                                     | 3500            | 100           | 0      | 10.75                   | <=13  | Pass    |
|                                     | 3540            | 100           | 0      | 10.93                   | <=13  | Pass    |
| 256QAM                              | 3460            | 100           | 0      | 10.80                   | <=13  | Pass    |
|                                     | 3500            | 100           | 0      | 10.91                   | <=13  | Pass    |
|                                     | 3540            | 100           | 0      | 11.02                   | <=13  | Pass    |



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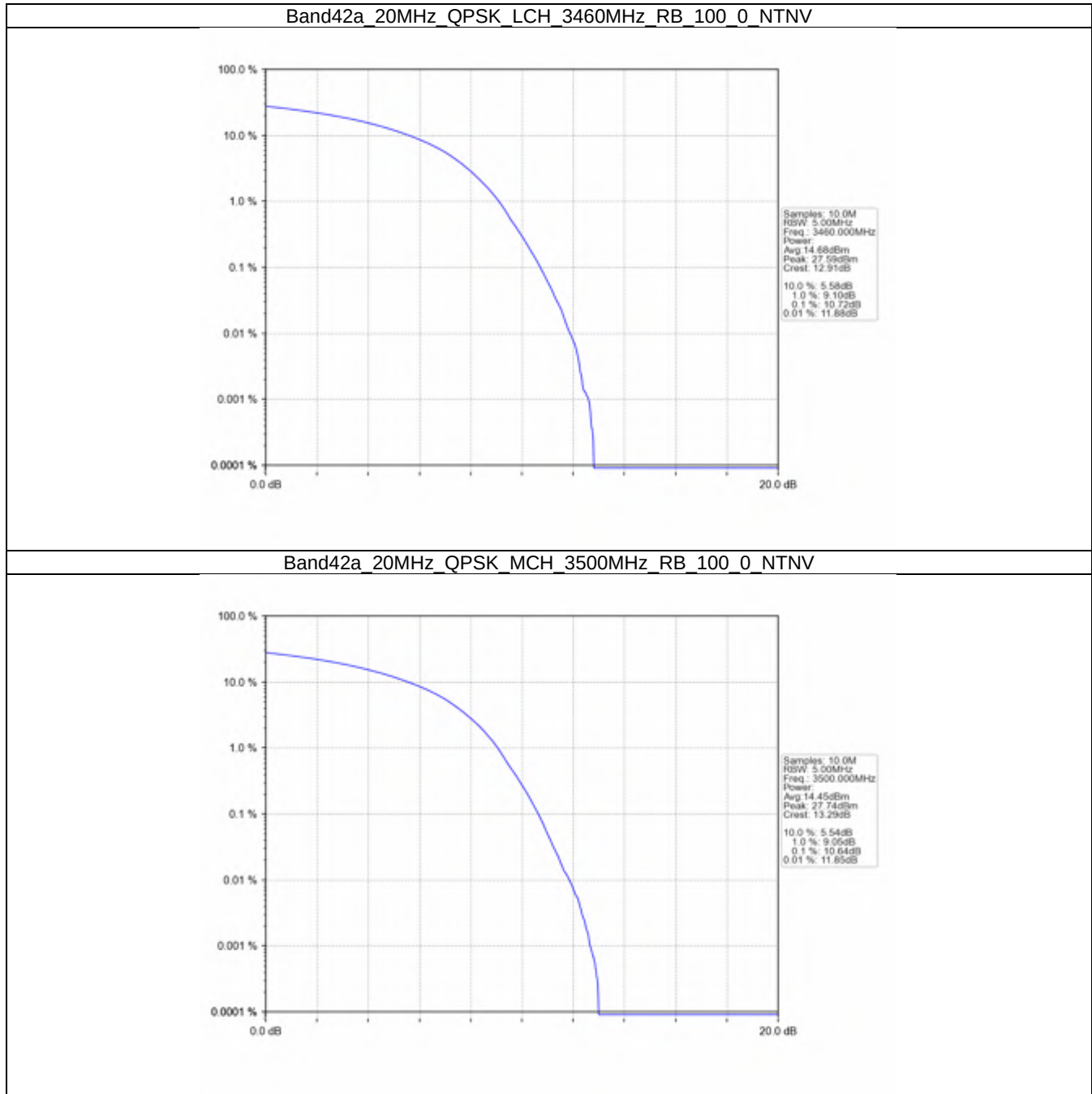
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## 11.4.2 Test Graph



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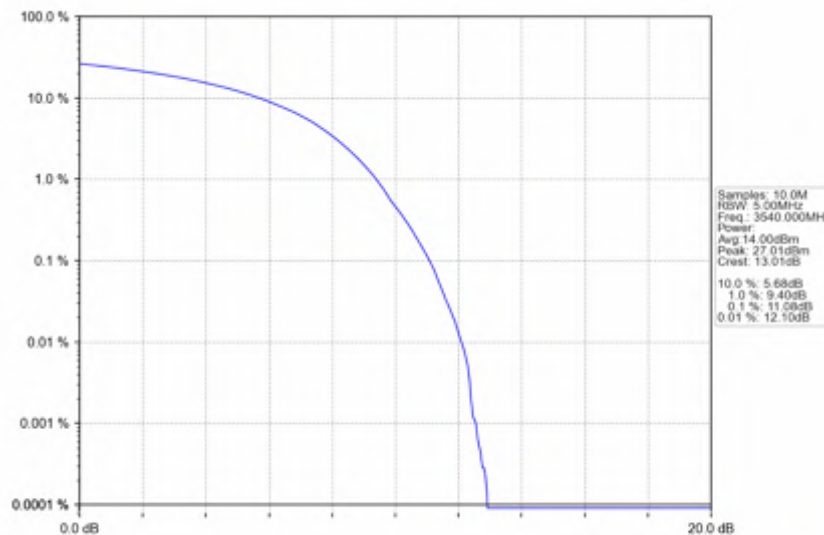
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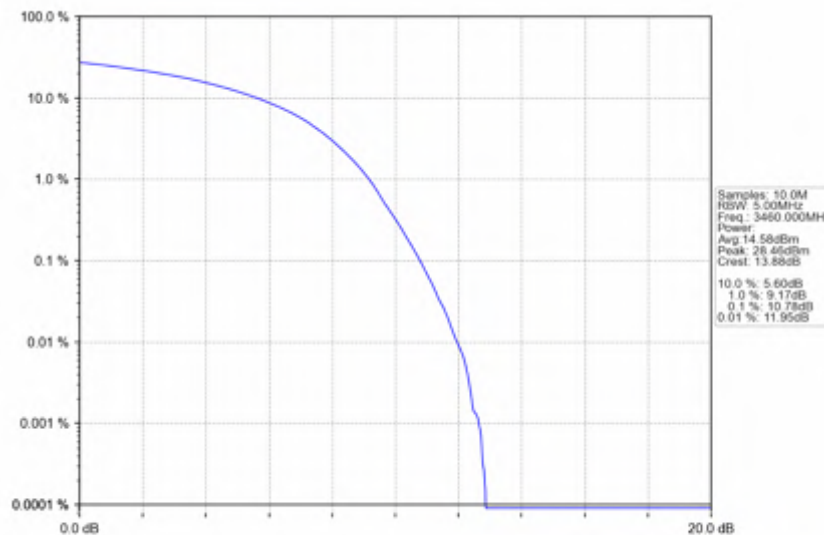
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Band42a\_20MHz\_QPSK\_HCH\_3540MHz\_RB\_100\_0\_NTNV



Band42a\_20MHz\_16QAM\_LCH\_3460MHz\_RB\_100\_0\_NTNV



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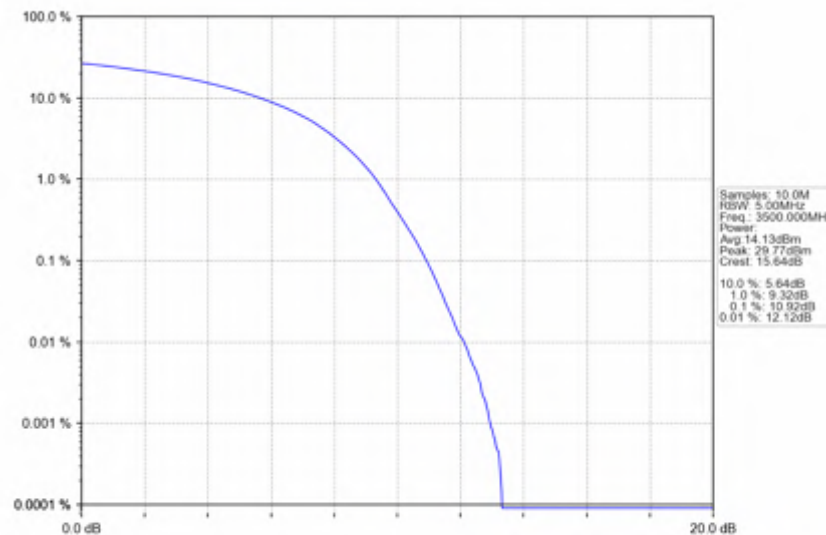
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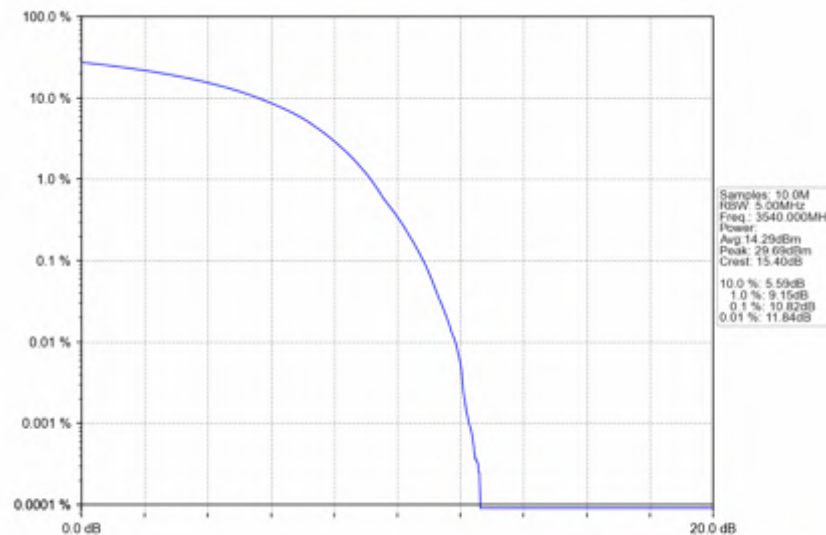
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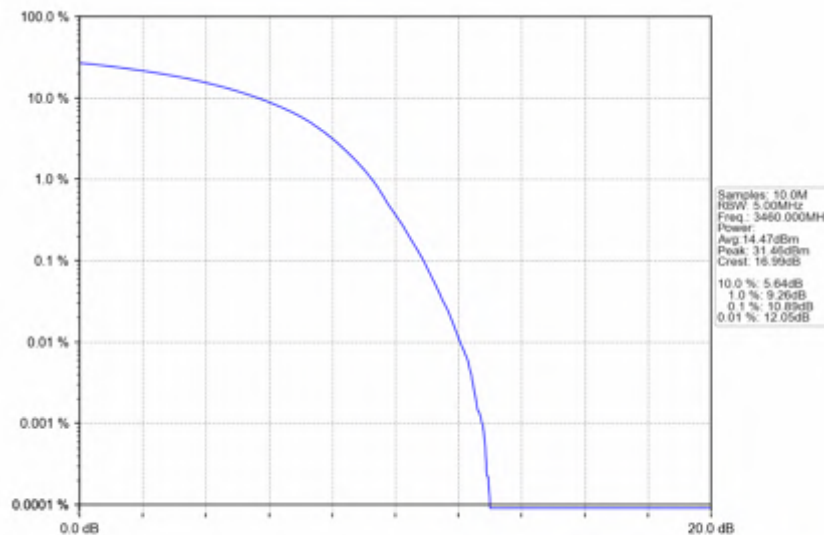
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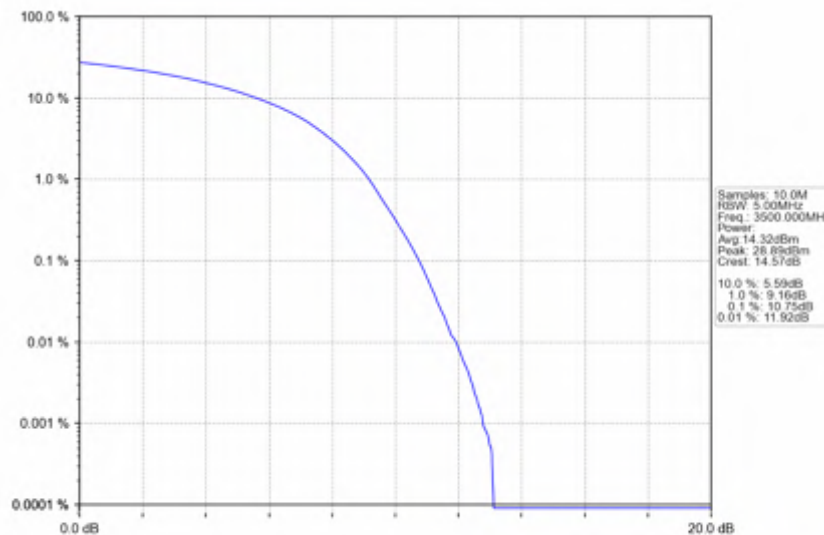
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Band42a\_20MHz\_64QAM\_MCH\_3500MHz\_RB\_100\_0\_NTNV



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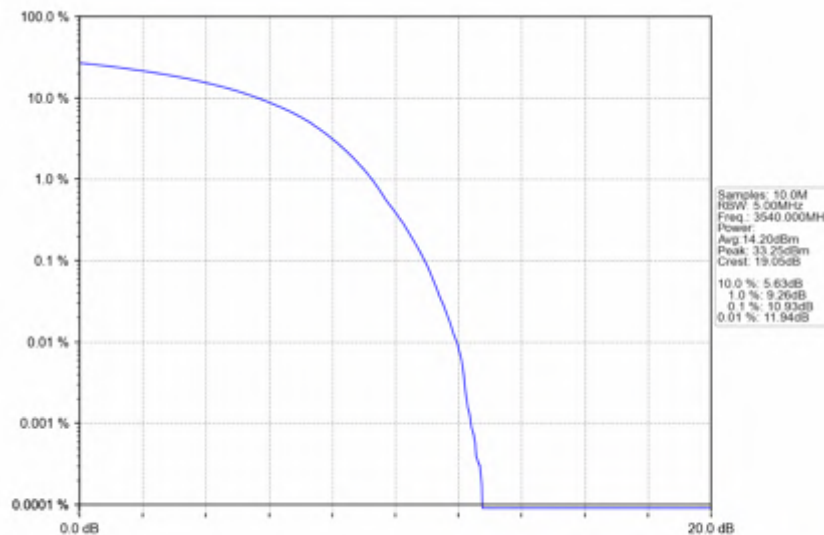
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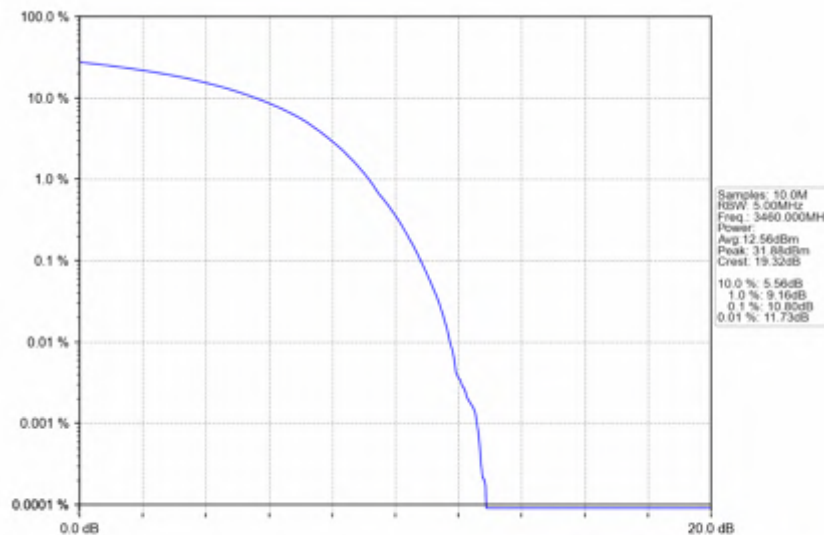
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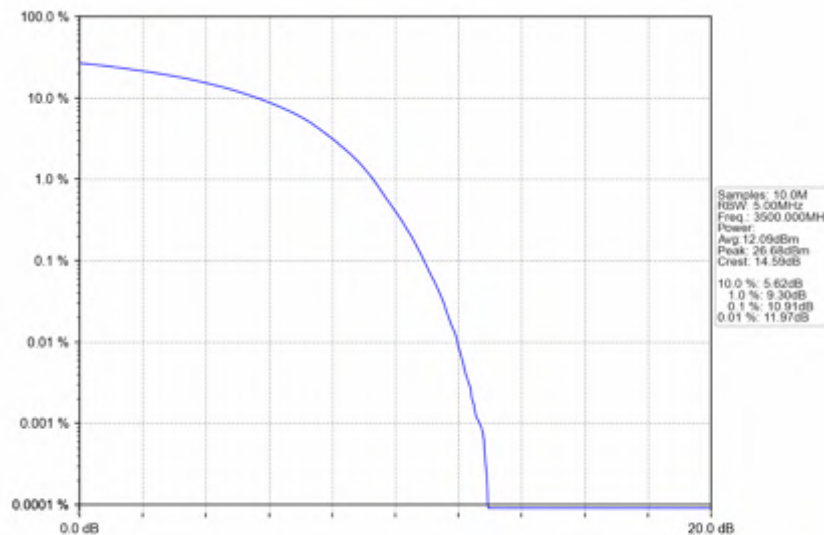


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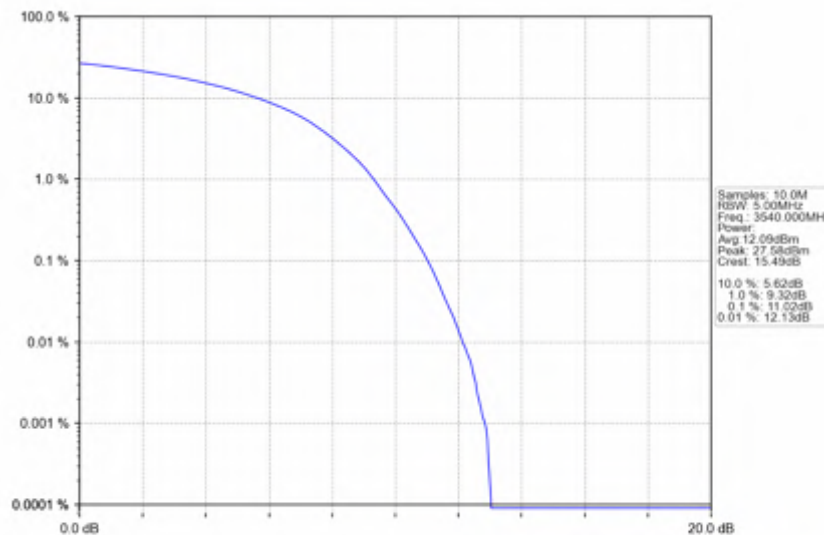
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## 12. Peak-Average Ratio

## 12.1 B42c\_5MHz

## 12.1.1 Test Result

| Band: 42c / Bandwidth: 5MHz / NTV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 3552.5          | 25            | 0      | 9.92                    | <=13  | Pass    |
|                                   | 3575            | 25            | 0      | 9.93                    | <=13  | Pass    |
|                                   | 3597.5          | 25            | 0      | 9.93                    | <=13  | Pass    |
| 16QAM                             | 3552.5          | 25            | 0      | 10.00                   | <=13  | Pass    |
|                                   | 3575            | 25            | 0      | 10.02                   | <=13  | Pass    |
|                                   | 3597.5          | 25            | 0      | 10.01                   | <=13  | Pass    |
| 64QAM                             | 3552.5          | 25            | 0      | 9.92                    | <=13  | Pass    |
|                                   | 3575            | 25            | 0      | 10.00                   | <=13  | Pass    |
|                                   | 3597.5          | 25            | 0      | 9.99                    | <=13  | Pass    |
| 256QAM                            | 3552.5          | 25            | 0      | 10.15                   | <=13  | Pass    |
|                                   | 3575            | 25            | 0      | 10.12                   | <=13  | Pass    |
|                                   | 3597.5          | 25            | 0      | 10.05                   | <=13  | Pass    |



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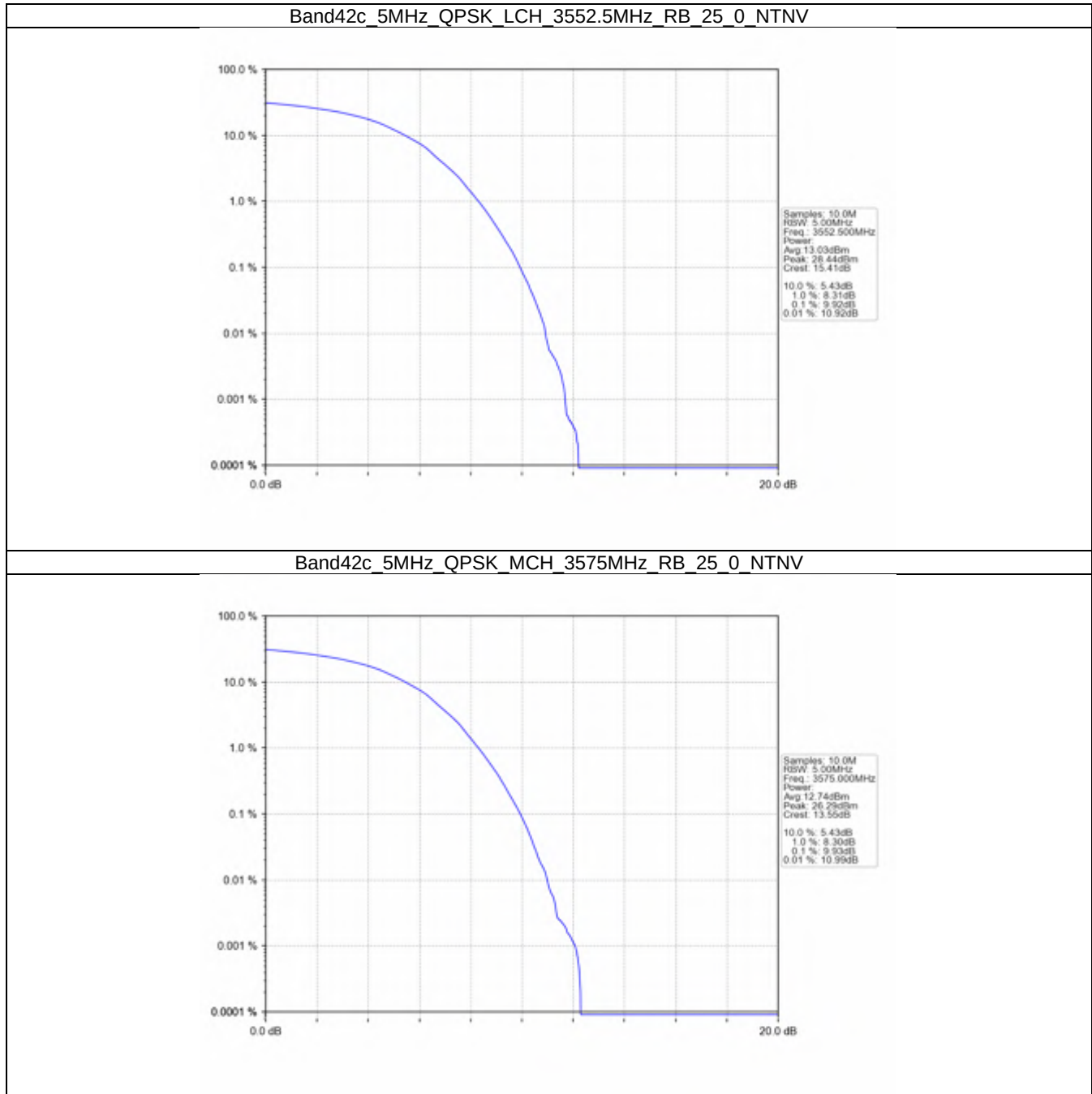
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## 12.1.2 Test Graph



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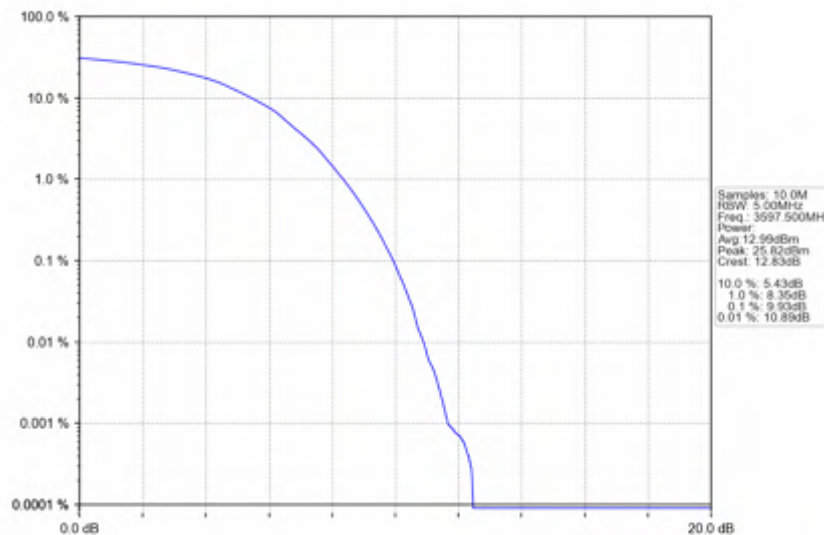
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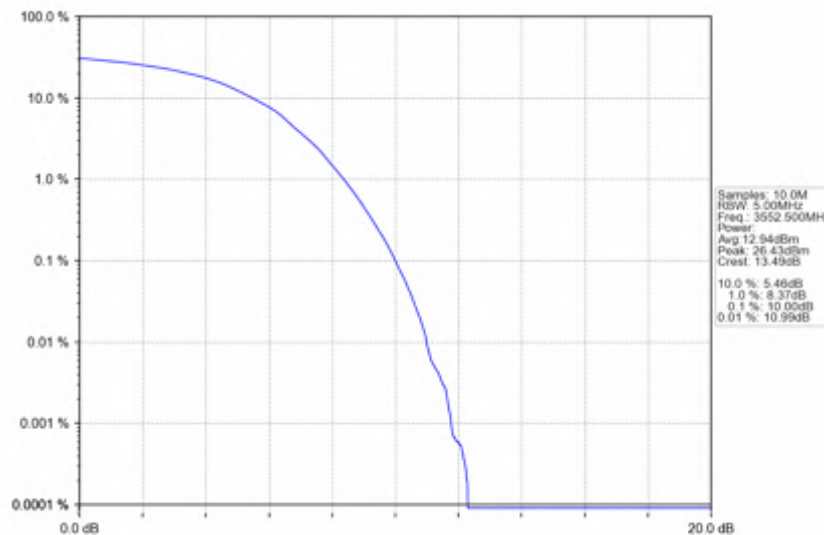
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Band42c\_5MHz\_QPSK\_HCH\_3597.5MHz\_RB\_25\_0\_NTNV



Band42c\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV

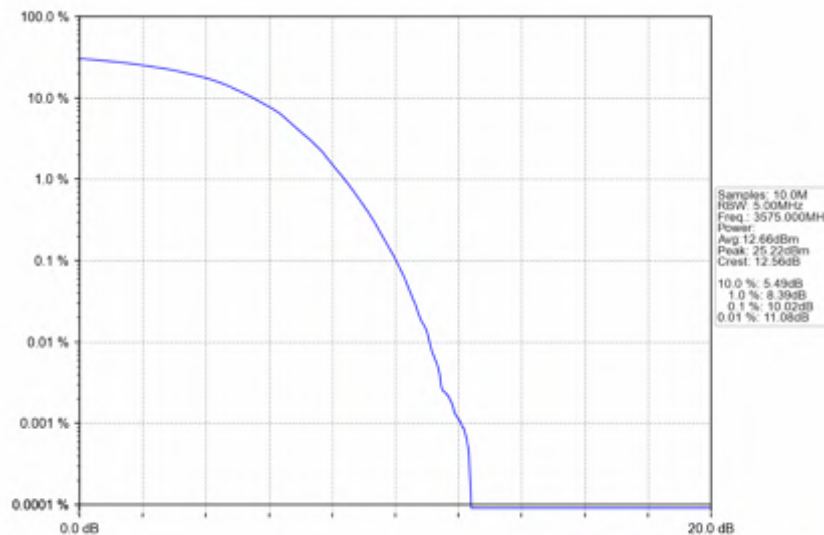


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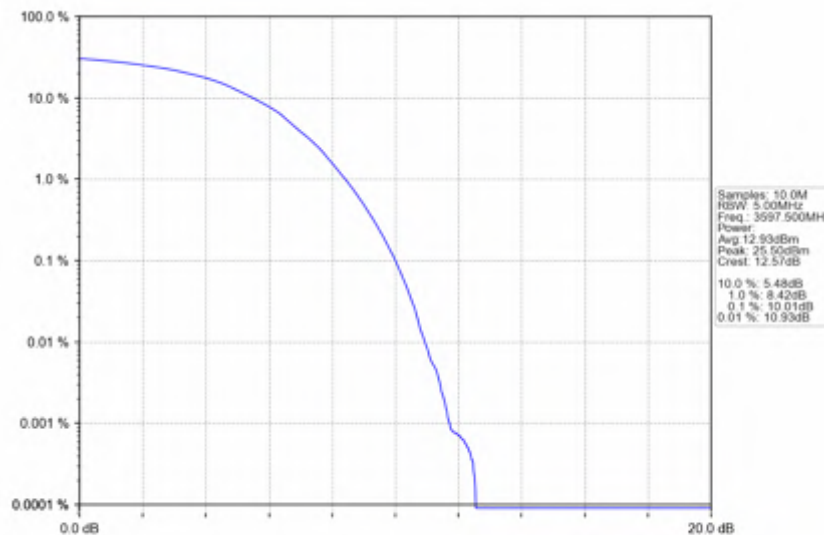
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Band42c\_5MHz\_16QAM\_MCH\_3575MHz\_RB\_25\_0\_NTNV



Band42c\_5MHz\_16QAM\_HCH\_3597.5MHz\_RB\_25\_0\_NTNV



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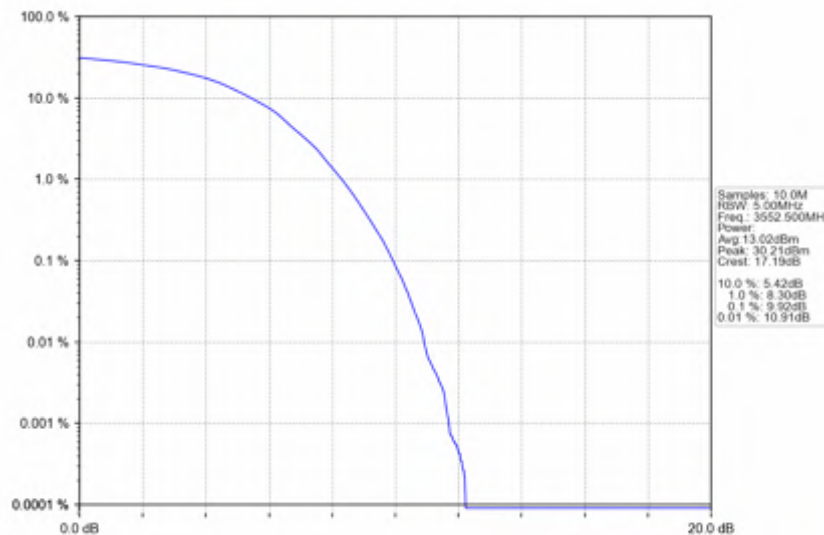
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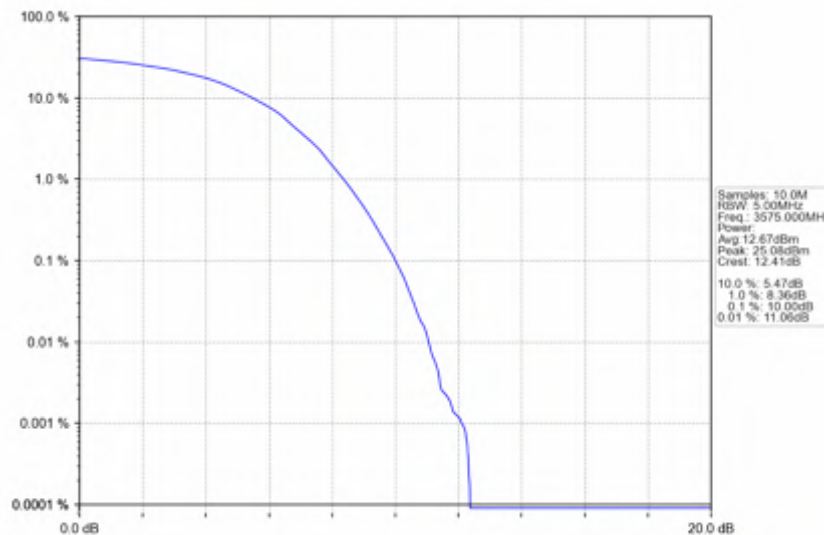
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Band42c\_5MHz\_64QAM\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV



Band42c\_5MHz\_64QAM\_MCH\_3575MHz\_RB\_25\_0\_NTNV



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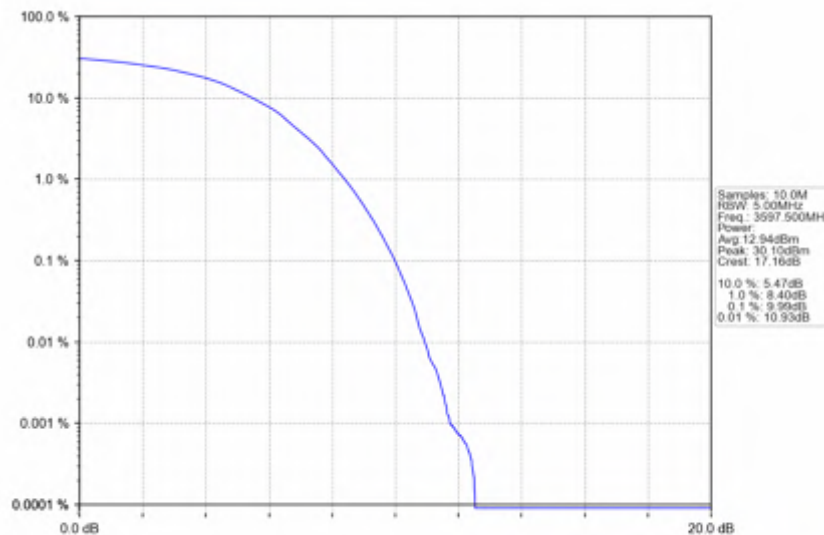
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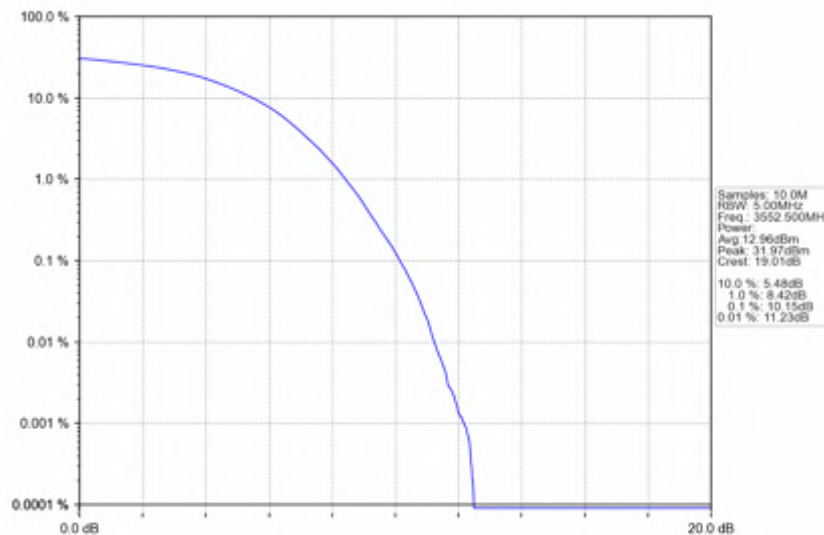
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Band42c\_5MHz\_64QAM\_HCH\_3597.5MHz\_RB\_25\_0\_NTNV



Band42c\_5MHz\_256QAM\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV



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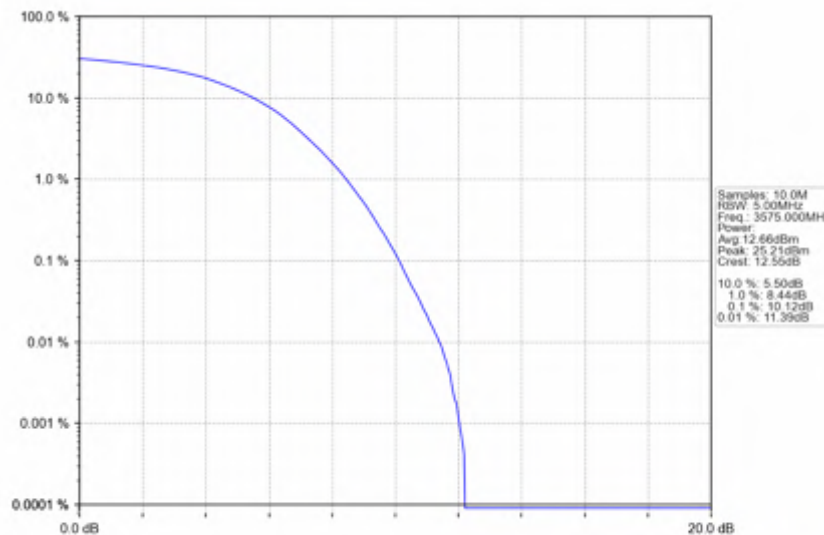
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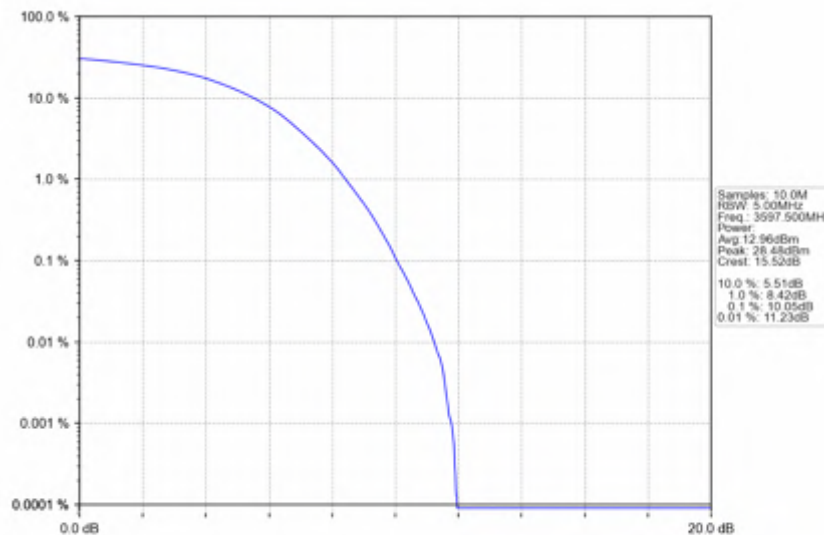
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Band42c\_5MHz\_256QAM\_MCH\_3575MHz\_RB\_25\_0\_NTNV



Band42c\_5MHz\_256QAM\_HCH\_3597.5MHz\_RB\_25\_0\_NTNV



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## 12.2 B42c\_10MHz

## 12.2.1 Test Result

| Band: 42c / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 3555            | 50            | 0      | 10.27                   | <=13  | Pass    |
|                                     | 3575            | 50            | 0      | 10.20                   | <=13  | Pass    |
|                                     | 3595            | 50            | 0      | 10.26                   | <=13  | Pass    |
| 16QAM                               | 3555            | 50            | 0      | 10.23                   | <=13  | Pass    |
|                                     | 3575            | 50            | 0      | 10.29                   | <=13  | Pass    |
|                                     | 3595            | 50            | 0      | 10.25                   | <=13  | Pass    |
| 64QAM                               | 3555            | 50            | 0      | 10.29                   | <=13  | Pass    |
|                                     | 3575            | 50            | 0      | 10.20                   | <=13  | Pass    |
|                                     | 3595            | 50            | 0      | 10.27                   | <=13  | Pass    |
| 256QAM                              | 3555            | 50            | 0      | 10.31                   | <=13  | Pass    |
|                                     | 3575            | 50            | 0      | 10.28                   | <=13  | Pass    |
|                                     | 3595            | 50            | 0      | 10.34                   | <=13  | Pass    |



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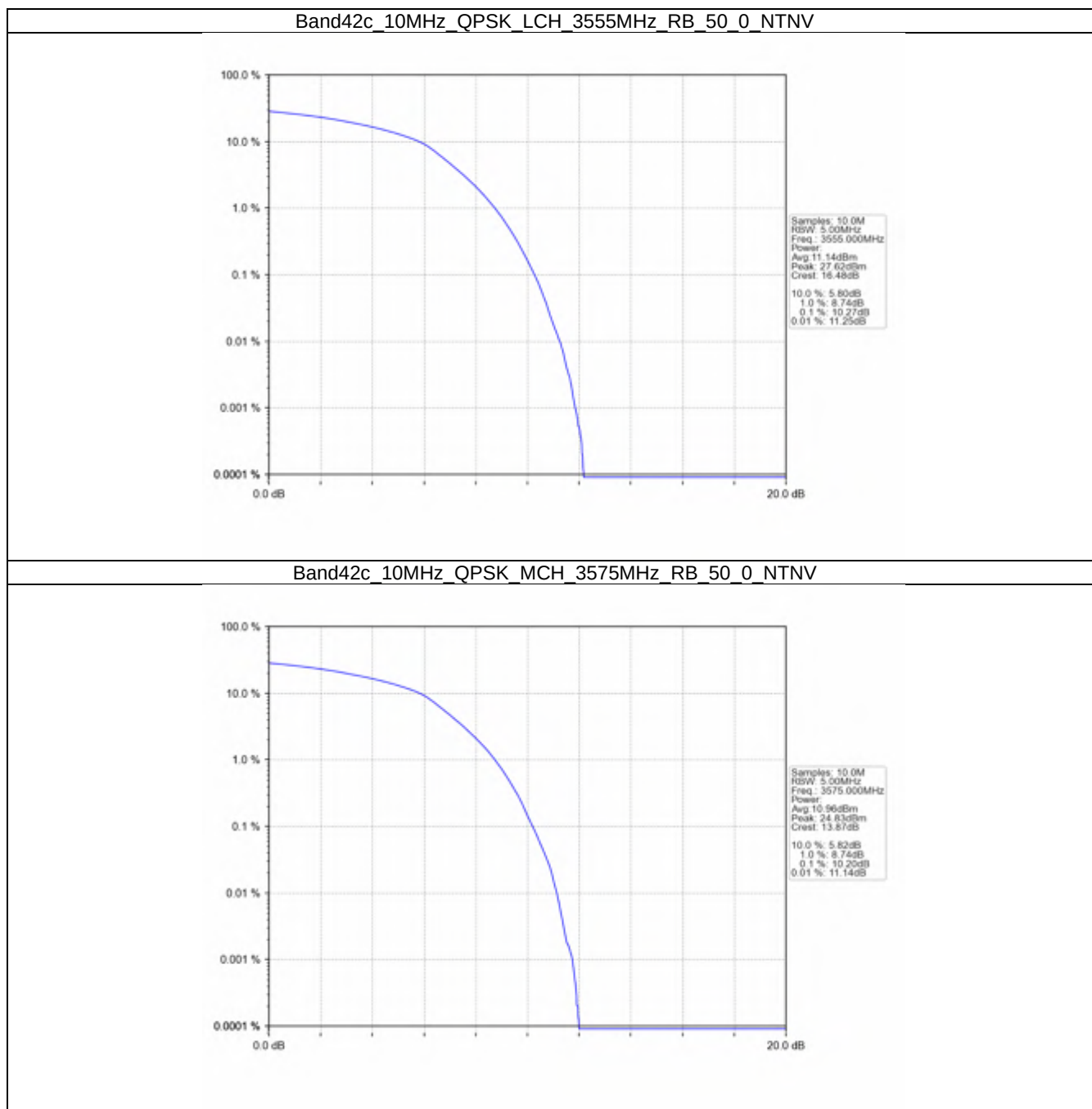
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## 12.2.2 Test Graph



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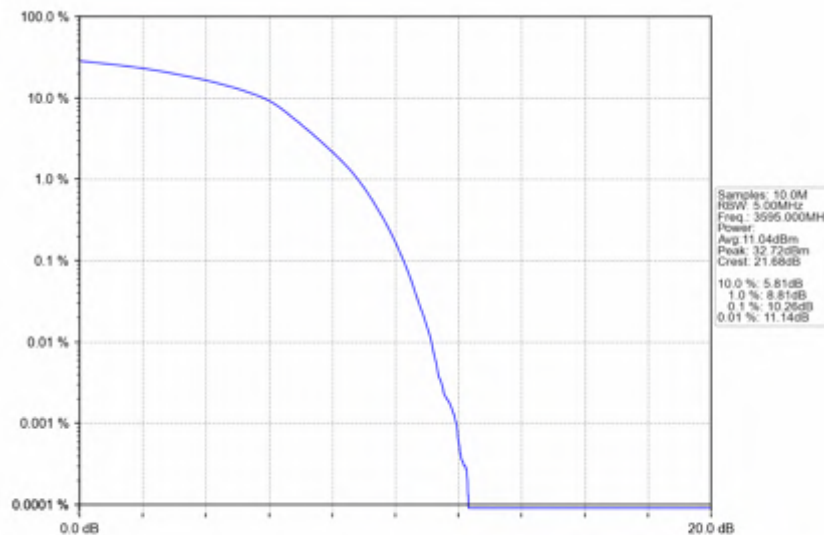
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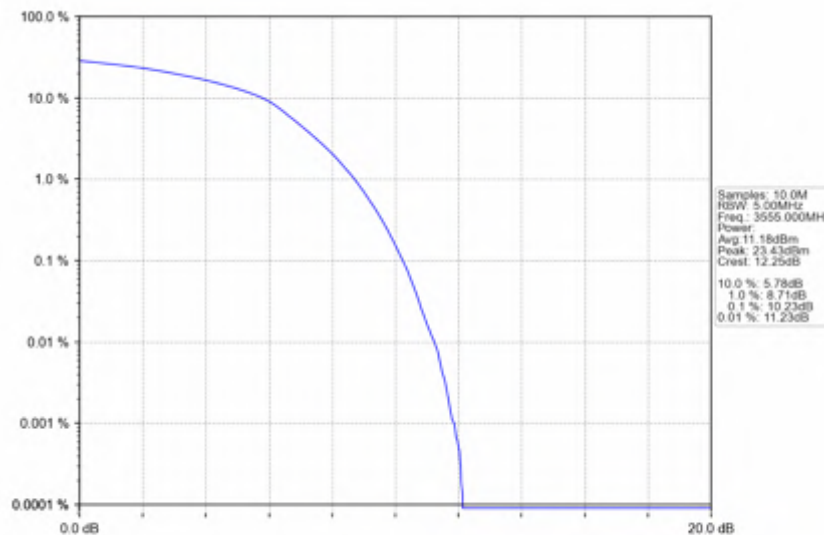
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Band42c\_10MHz\_QPSK\_HCH\_3595MHz\_RB\_50\_0\_NTNV



Band42c\_10MHz\_16QAM\_LCH\_3555MHz\_RB\_50\_0\_NTNV



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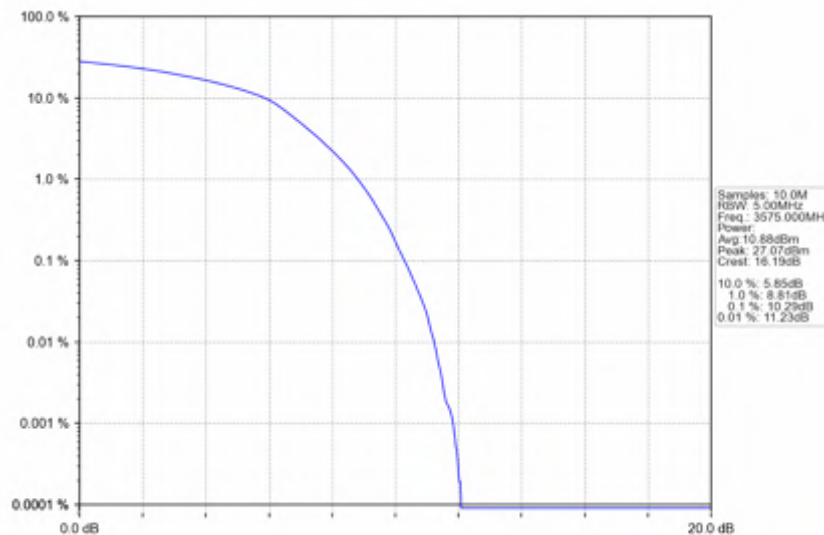
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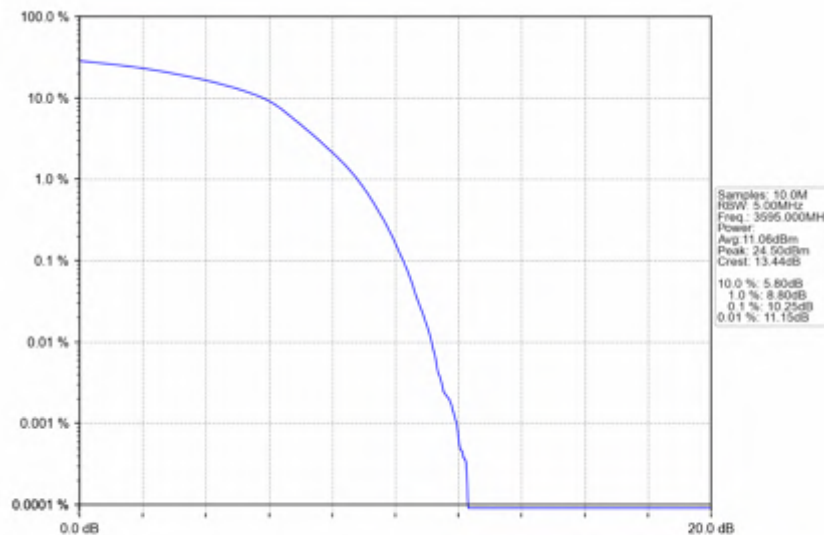
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Band42c\_10MHz\_16QAM\_MCH\_3575MHz\_RB\_50\_0\_NTNV



Band42c\_10MHz\_16QAM\_HCH\_3595MHz\_RB\_50\_0\_NTNV

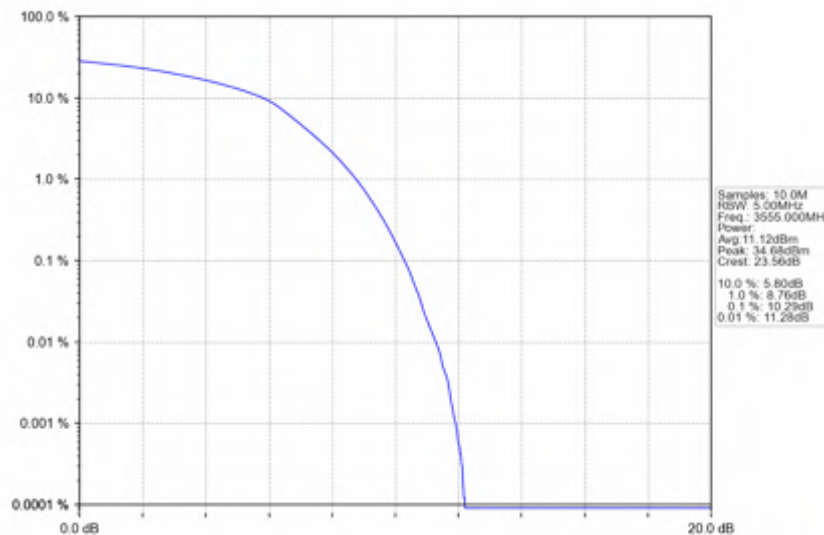


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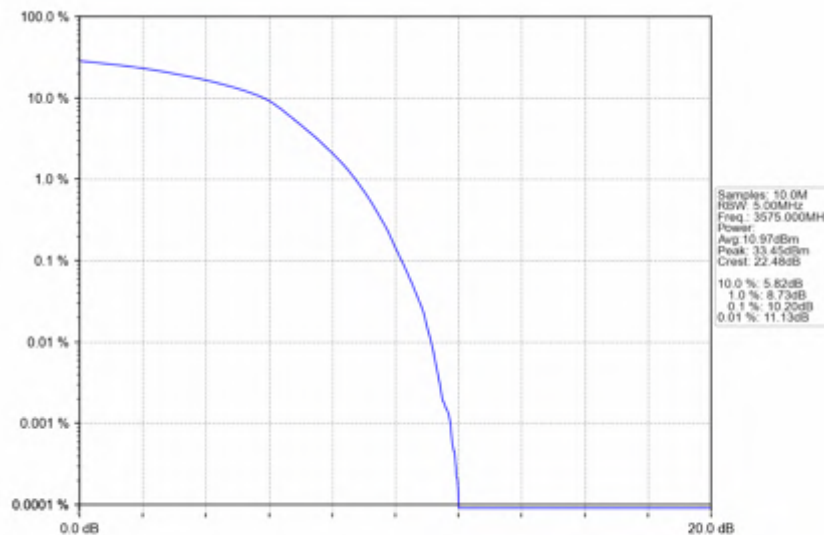
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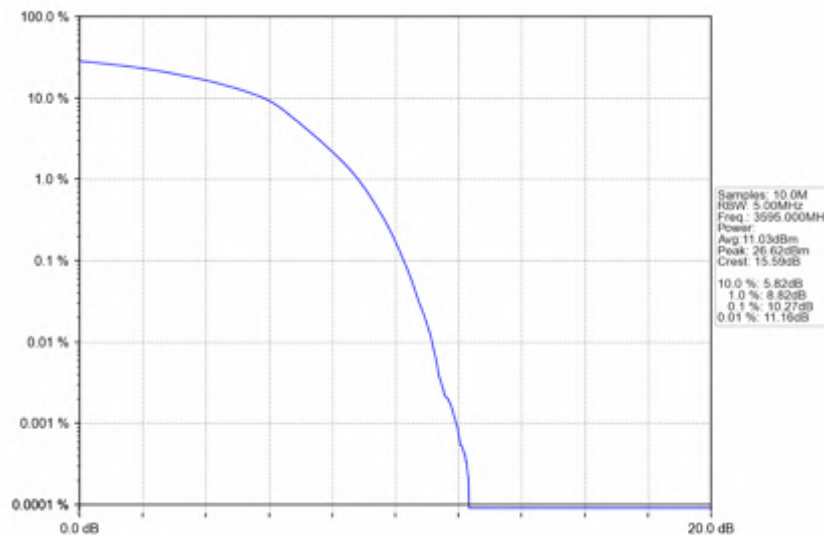


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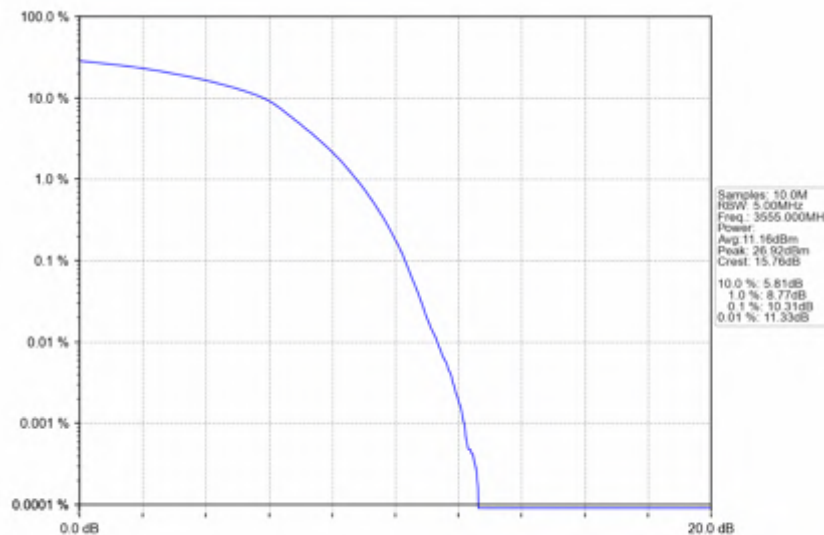
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Band42c\_10MHz\_64QAM\_HCH\_3595MHz\_RB\_50\_0\_NTNV



Band42c\_10MHz\_256QAM\_LCH\_3555MHz\_RB\_50\_0\_NTNV



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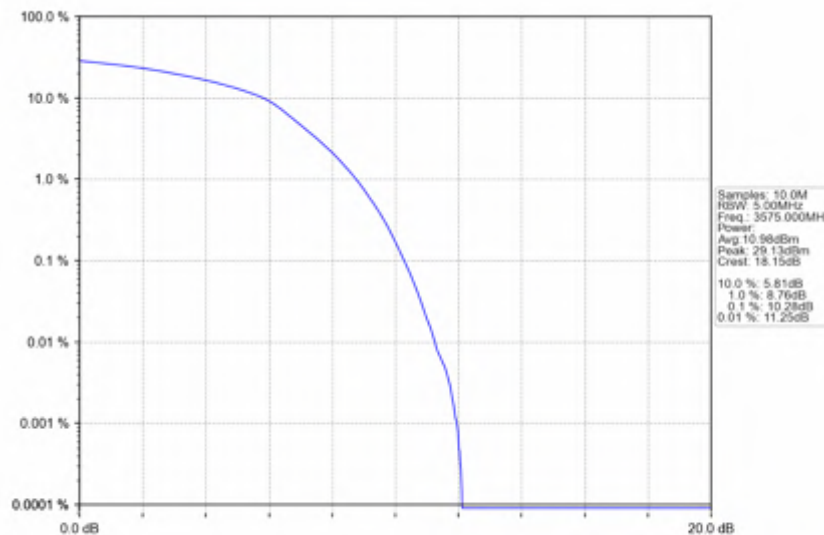
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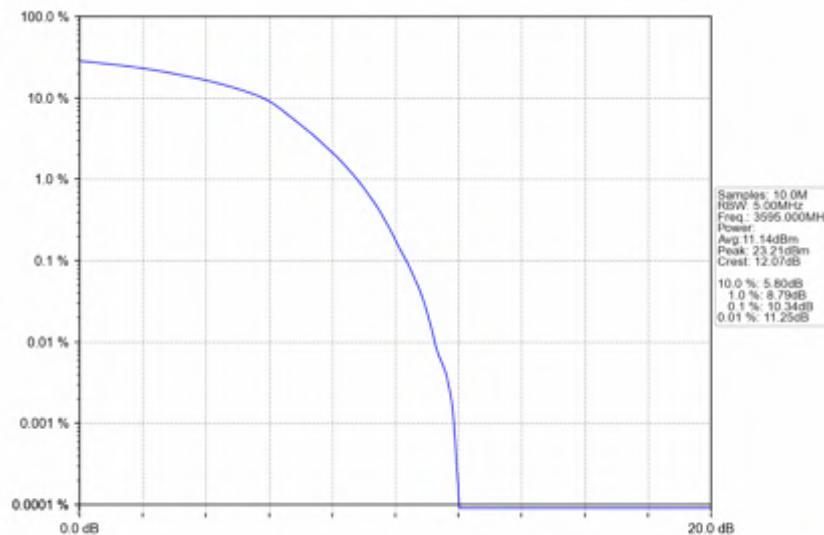
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Band42c\_10MHz\_256QAM\_MCH\_3575MHz\_RB\_50\_0\_NTNV



Band42c\_10MHz\_256QAM\_HCH\_3595MHz\_RB\_50\_0\_NTNV



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## 12.3 B42c\_15MHz

## 12.3.1 Test Result

| Band: 42c / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 3557.5          | 75            | 0      | 10.69                   | <=13  | Pass    |
|                                     | 3575            | 75            | 0      | 10.69                   | <=13  | Pass    |
|                                     | 3592.5          | 75            | 0      | 10.61                   | <=13  | Pass    |
| 16QAM                               | 3557.5          | 75            | 0      | 10.65                   | <=13  | Pass    |
|                                     | 3575            | 75            | 0      | 10.85                   | <=13  | Pass    |
|                                     | 3592.5          | 75            | 0      | 10.78                   | <=13  | Pass    |
| 64QAM                               | 3557.5          | 75            | 0      | 10.61                   | <=13  | Pass    |
|                                     | 3575            | 75            | 0      | 10.70                   | <=13  | Pass    |
|                                     | 3592.5          | 75            | 0      | 10.66                   | <=13  | Pass    |
| 256QAM                              | 3557.5          | 75            | 0      | 10.71                   | <=13  | Pass    |
|                                     | 3575            | 75            | 0      | 10.51                   | <=13  | Pass    |
|                                     | 3592.5          | 75            | 0      | 10.60                   | <=13  | Pass    |



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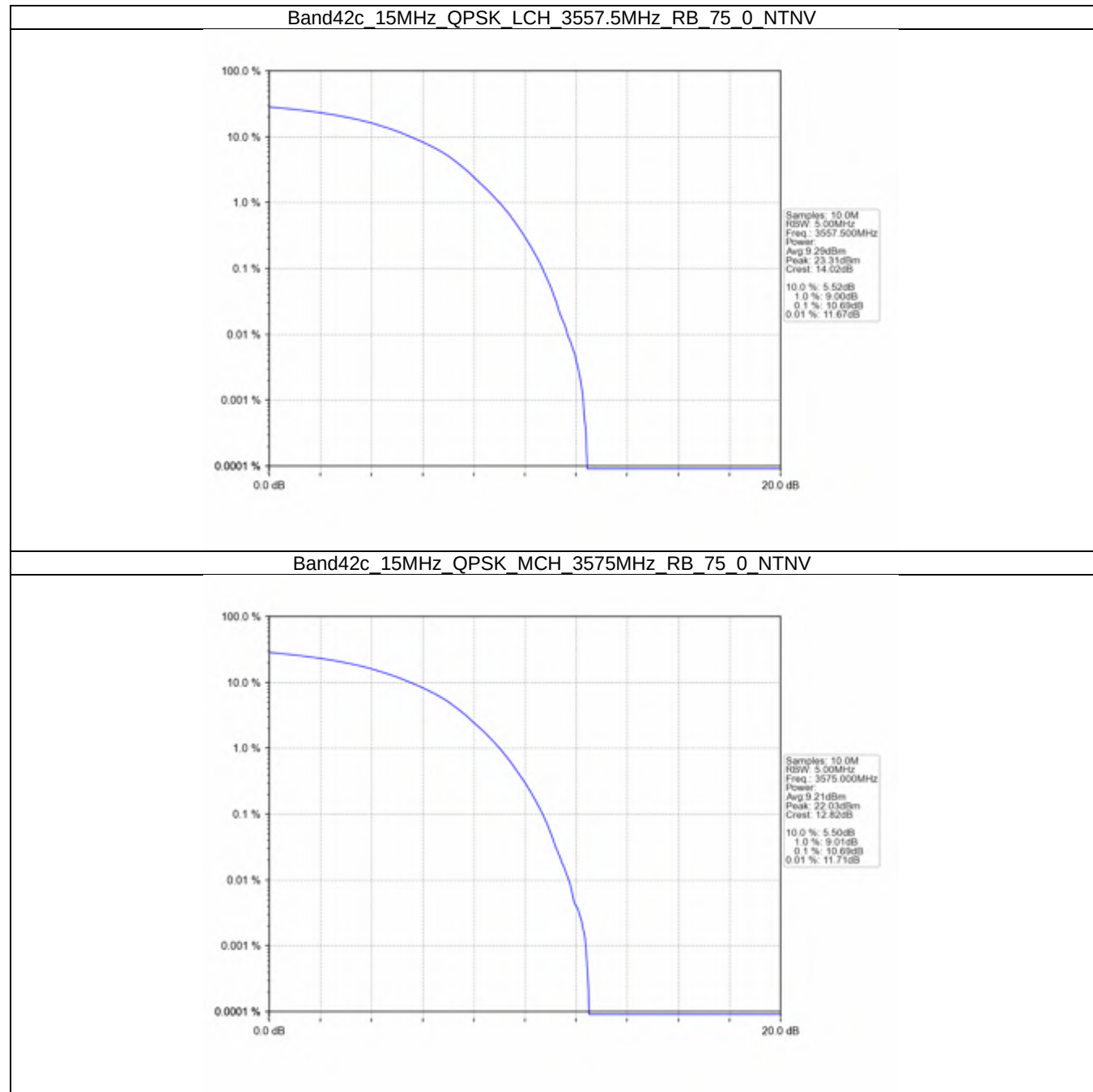
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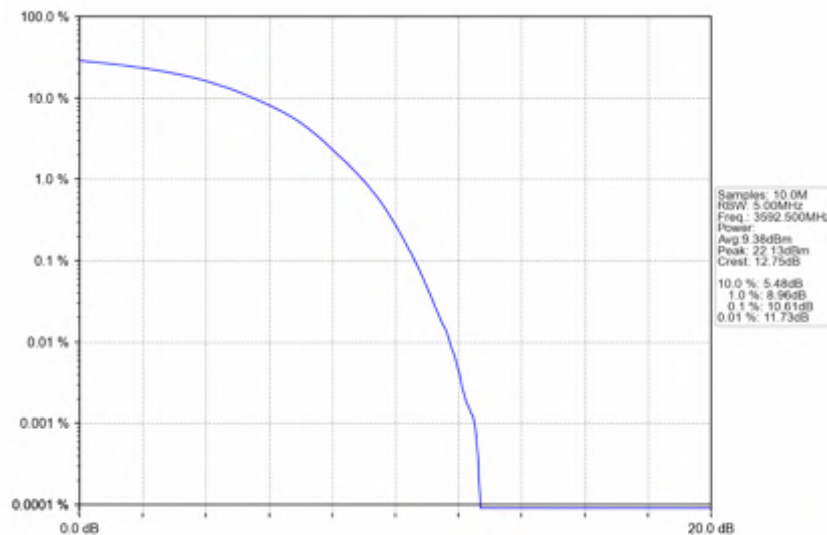
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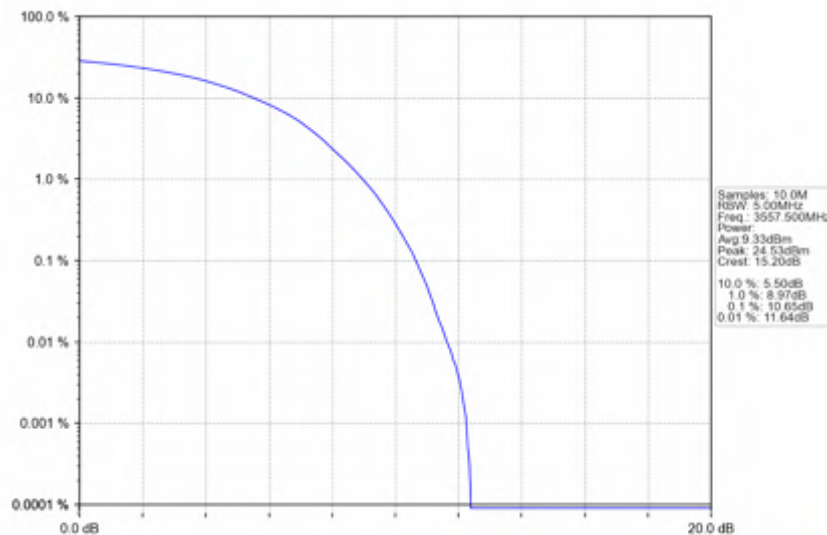
## 12.3.2 Test Graph



Band42c\_15MHz\_QPSK\_HCH\_3592.5MHz\_RB\_75\_0\_NTNV



Band42c\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



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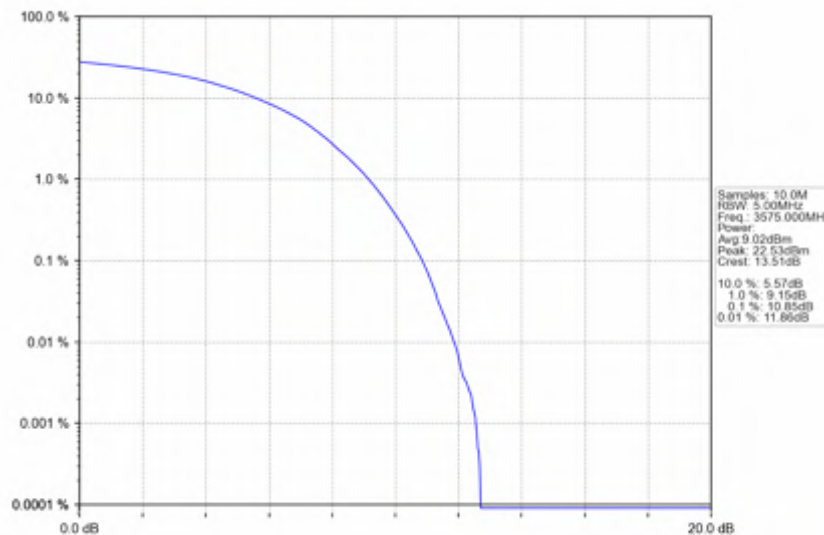
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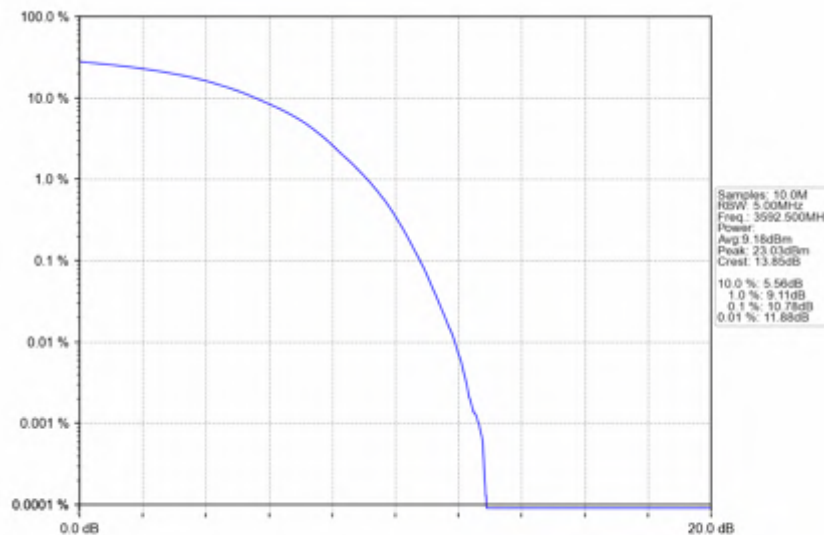
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Band42c\_15MHz\_16QAM\_MCH\_3575MHz\_RB\_75\_0\_NTNV



Band42c\_15MHz\_16QAM\_HCH\_3592.5MHz\_RB\_75\_0\_NTNV



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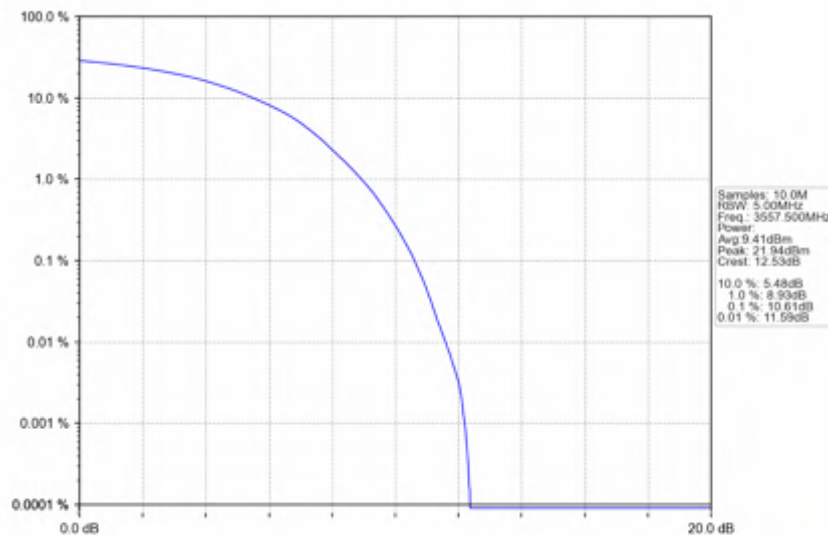
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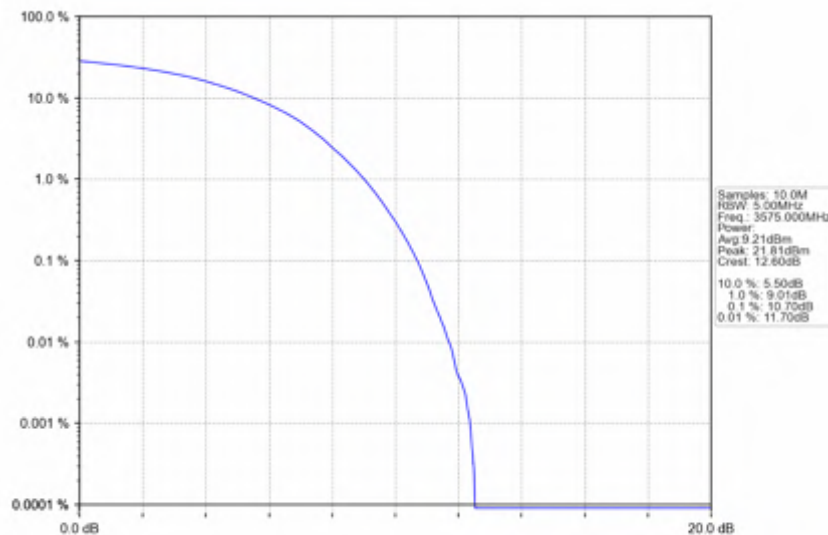
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Band42c\_15MHz\_64QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



Band42c\_15MHz\_64QAM\_MCH\_3575MHz\_RB\_75\_0\_NTNV



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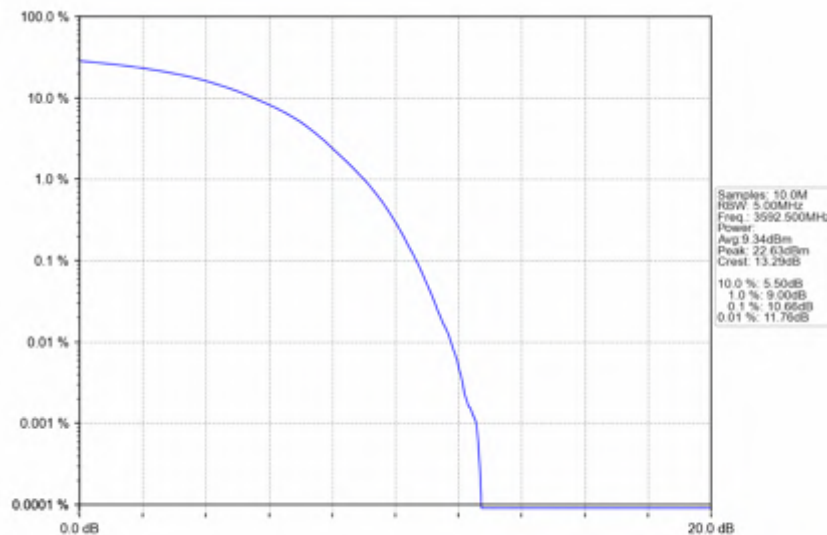
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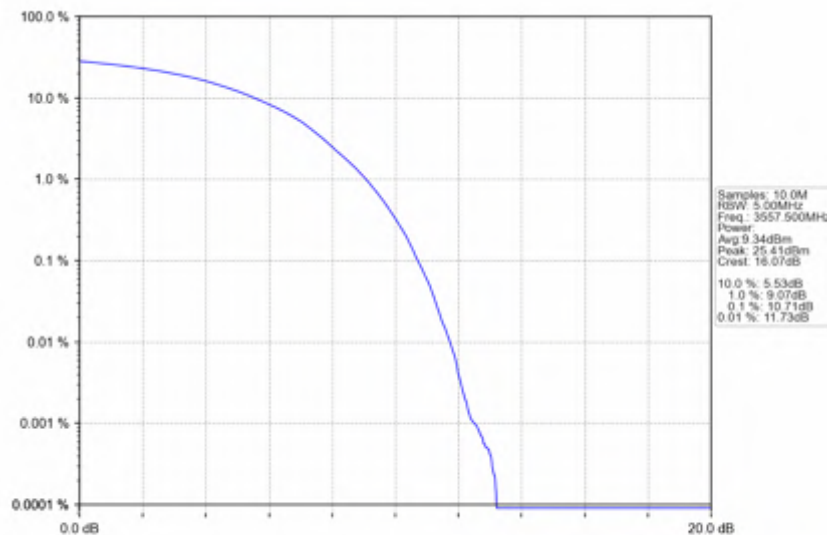
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Band42c\_15MHz\_64QAM\_HCH\_3592.5MHz\_RB\_75\_0\_NTNV



Band42c\_15MHz\_256QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



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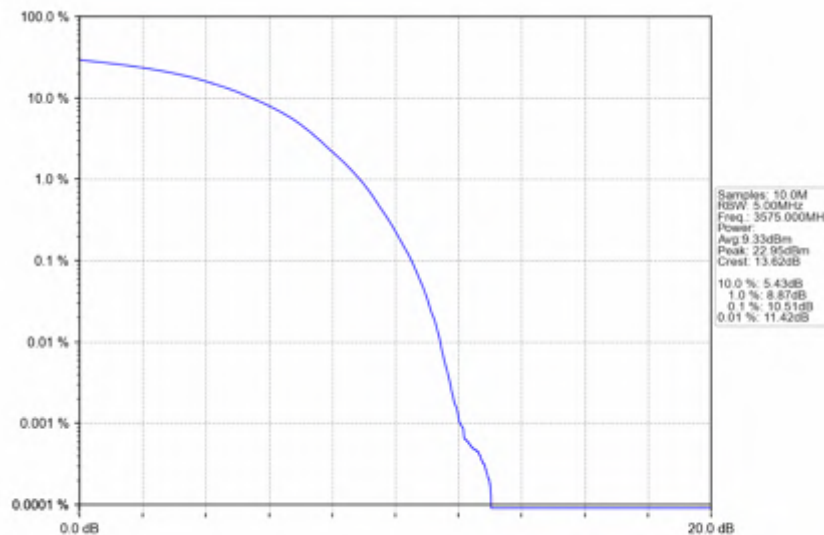
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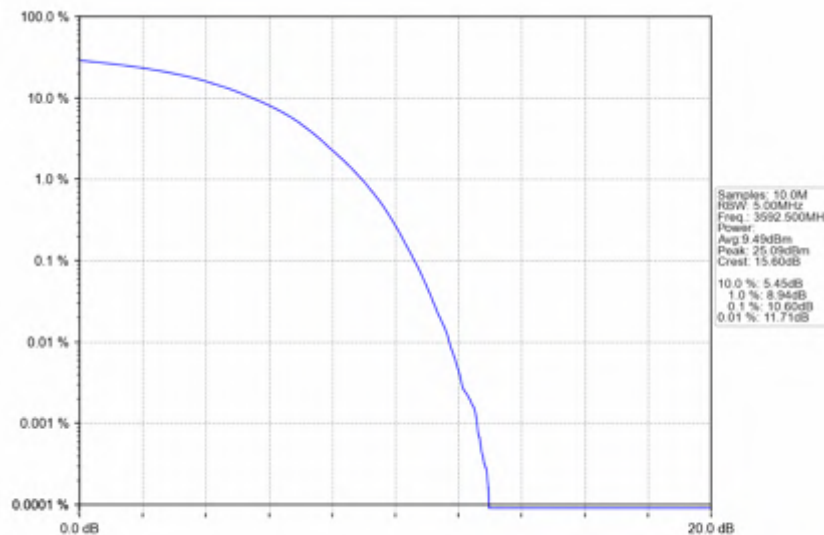
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Band42c\_15MHz\_256QAM\_MCH\_3575MHz\_RB\_75\_0\_NTNV



Band42c\_15MHz\_256QAM\_HCH\_3592.5MHz\_RB\_75\_0\_NTNV



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## 12.4 B42c\_20MHz

## 12.4.1 Test Result

| Band: 42c / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 3560            | 100           | 0      | 10.90                   | <=13  | Pass    |
|                                     | 3575            | 100           | 0      | 11.03                   | <=13  | Pass    |
|                                     | 3590            | 100           | 0      | 10.92                   | <=13  | Pass    |
| 16QAM                               | 3560            | 100           | 0      | 10.84                   | <=13  | Pass    |
|                                     | 3575            | 100           | 0      | 10.81                   | <=13  | Pass    |
|                                     | 3590            | 100           | 0      | 10.91                   | <=13  | Pass    |
| 64QAM                               | 3560            | 100           | 0      | 10.83                   | <=13  | Pass    |
|                                     | 3575            | 100           | 0      | 10.94                   | <=13  | Pass    |
|                                     | 3590            | 100           | 0      | 11.27                   | <=13  | Pass    |
| 256QAM                              | 3560            | 100           | 0      | 10.96                   | <=13  | Pass    |
|                                     | 3575            | 100           | 0      | 10.93                   | <=13  | Pass    |
|                                     | 3590            | 100           | 0      | 10.90                   | <=13  | Pass    |



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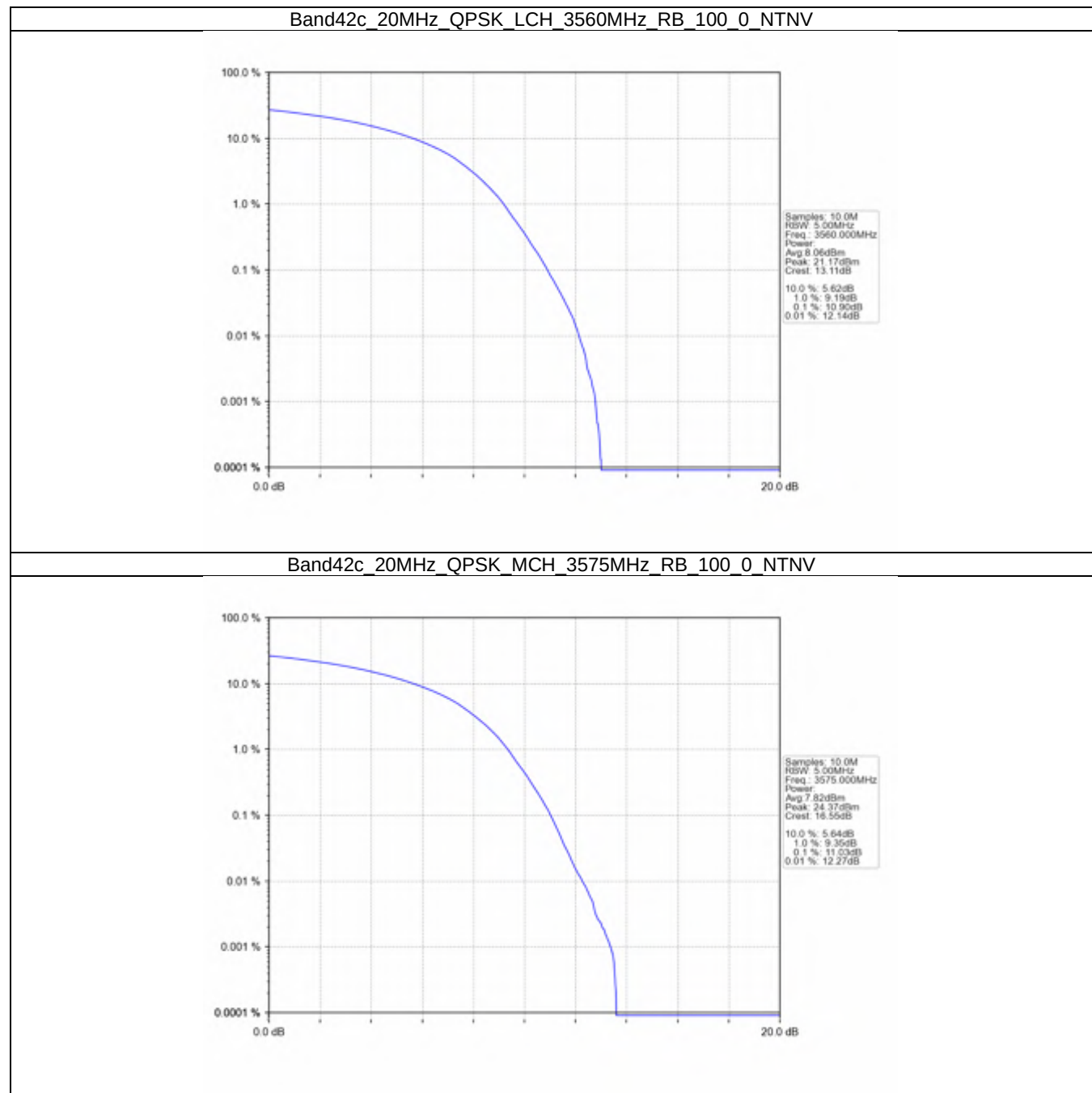
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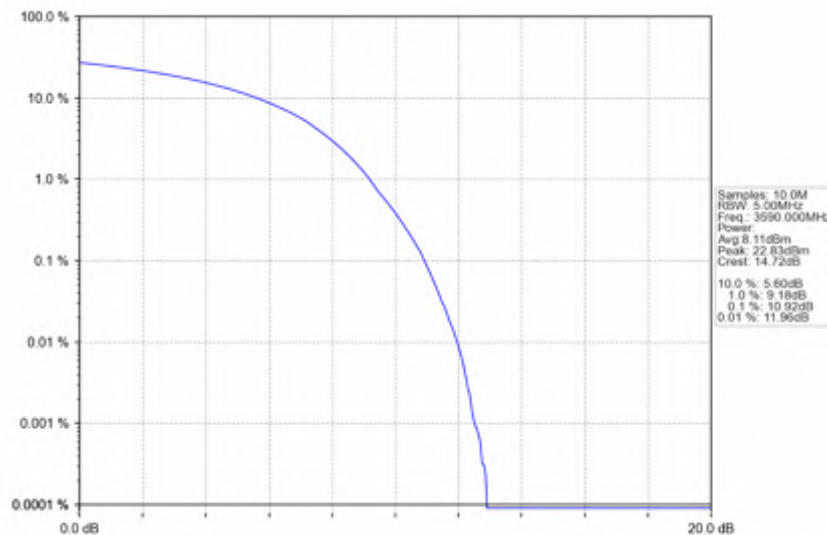
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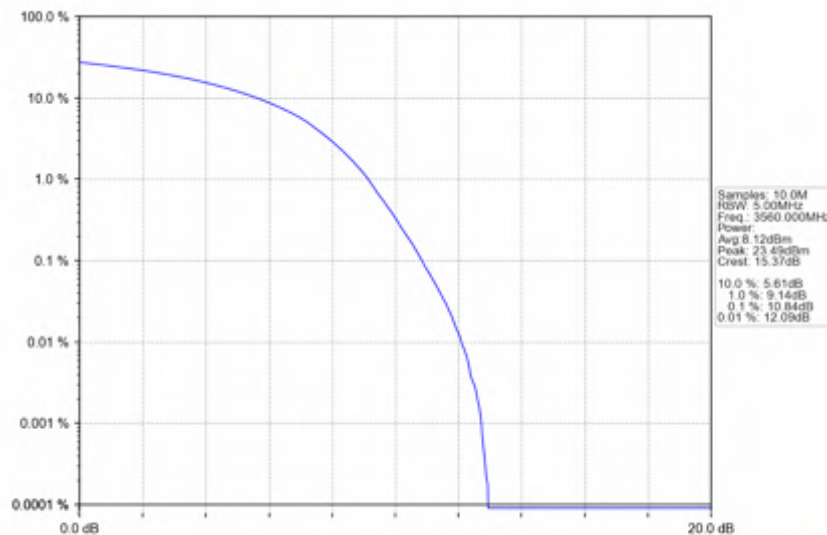
## 12.4.2 Test Graph



Band42c\_20MHz\_QPSK\_HCH\_3590MHz\_RB\_100\_0\_NTNV



Band42c\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV



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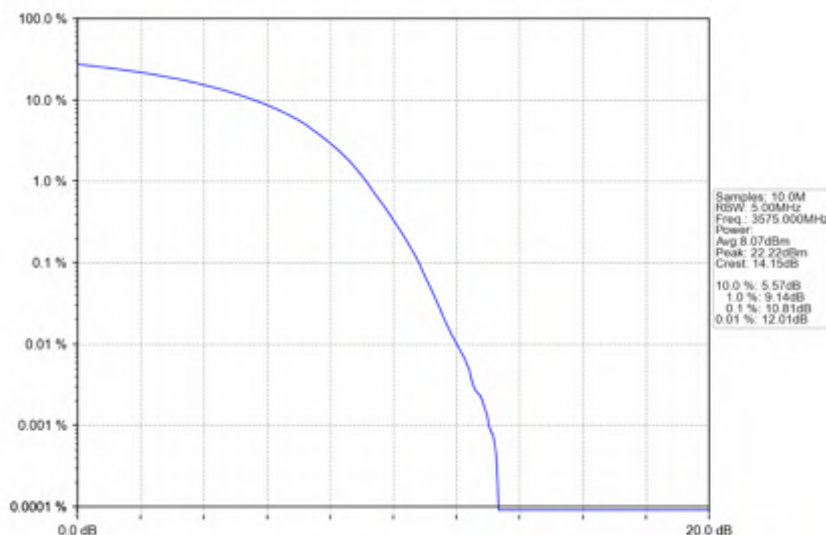
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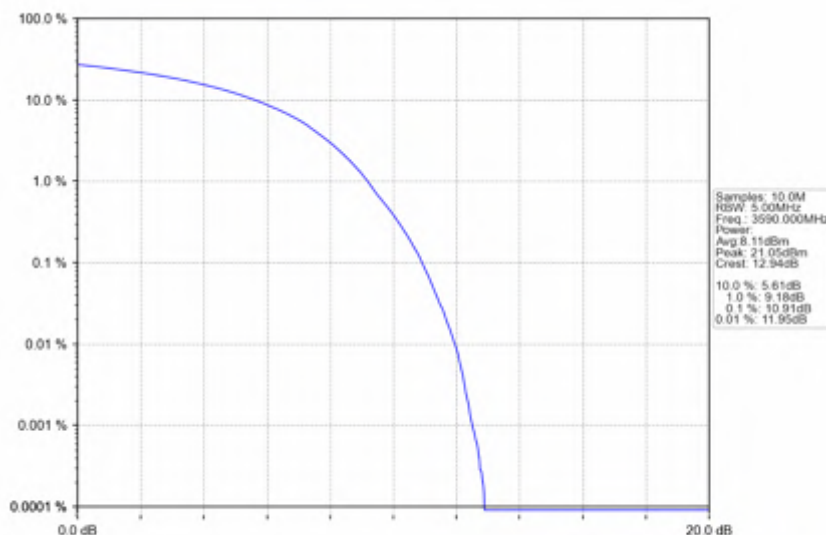
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Band42c\_20MHz\_16QAM\_MCH\_3575MHz\_RB\_100\_0\_NTNV



Band42c\_20MHz\_16QAM\_HCH\_3590MHz\_RB\_100\_0\_NTNV



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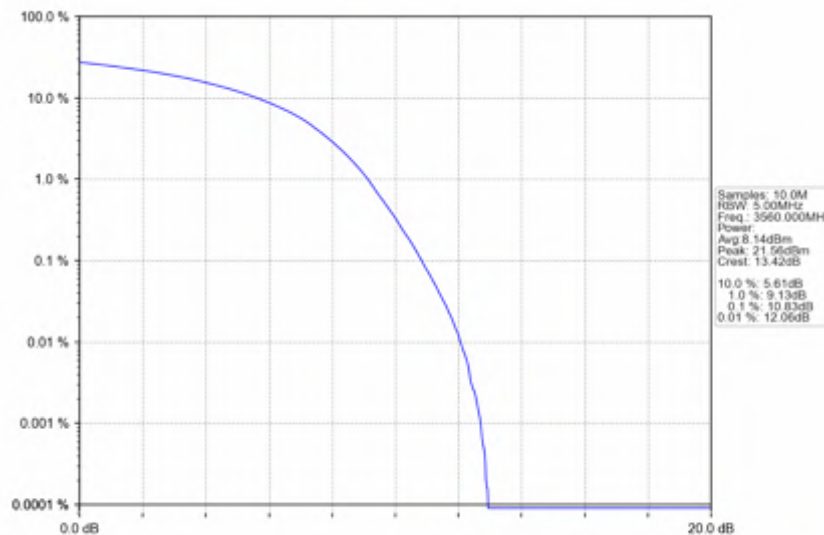
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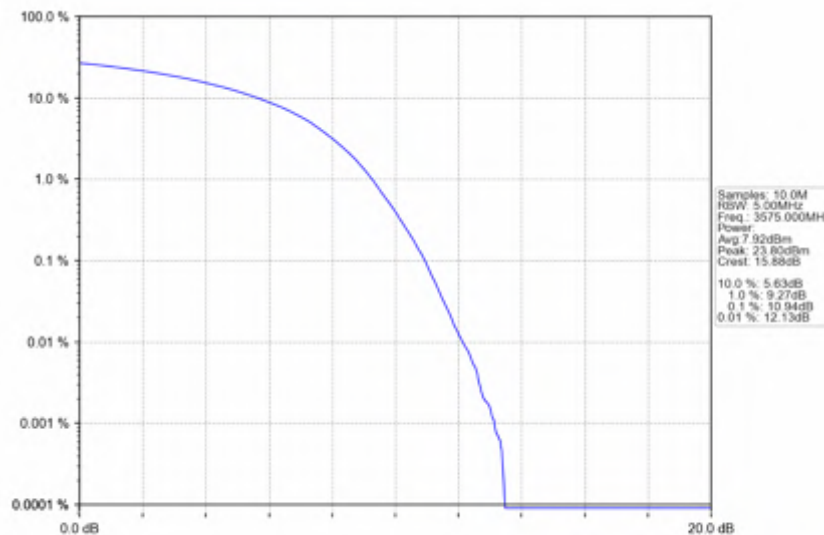
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Band42c\_20MHz\_64QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV



Band42c\_20MHz\_64QAM\_MCH\_3575MHz\_RB\_100\_0\_NTNV

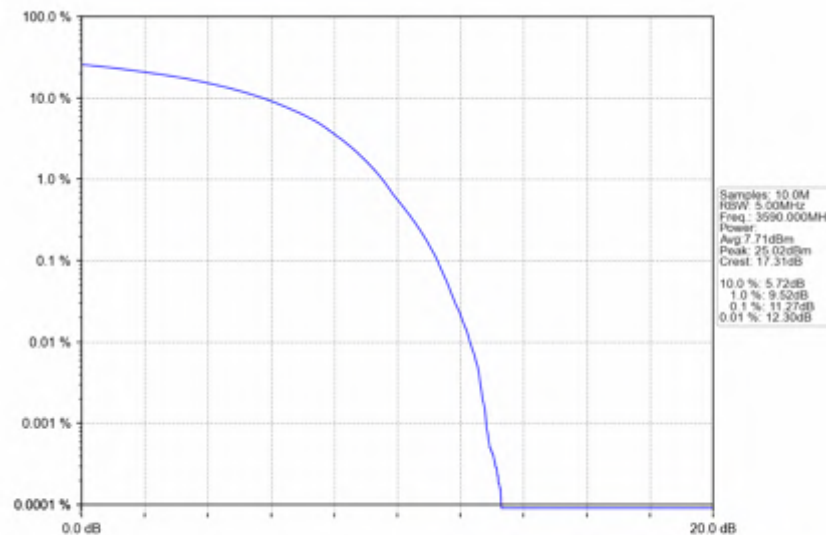


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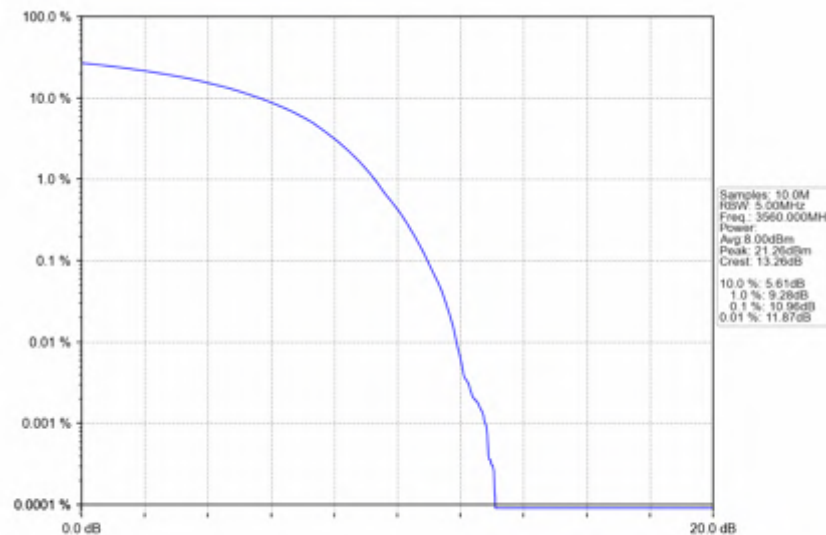
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Band42c\_20MHz\_64QAM\_HCH\_3590MHz\_RB\_100\_0\_NTNV



Band42c\_20MHz\_256QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV

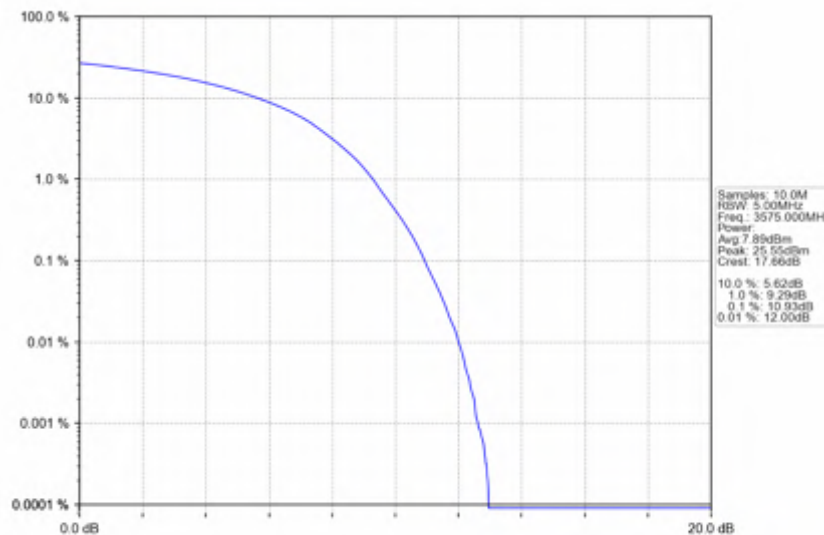


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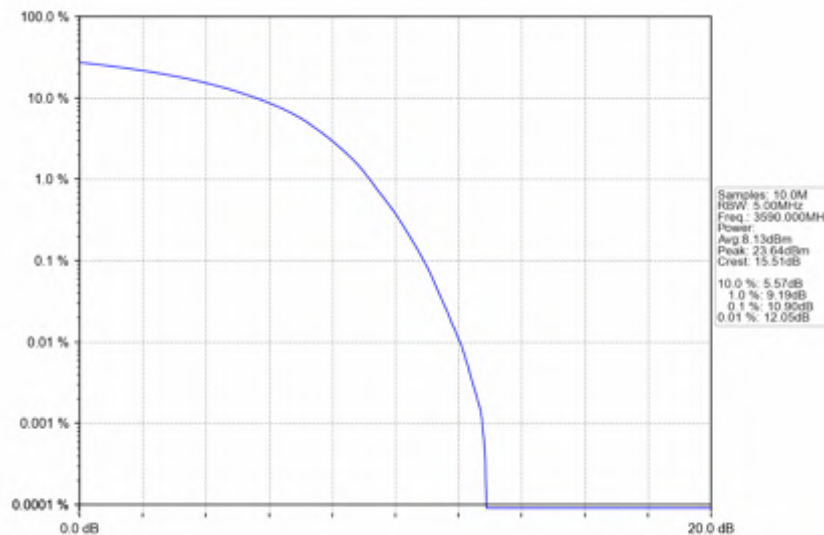
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Band42c\_20MHz\_256QAM\_MCH\_3575MHz\_RB\_100\_0\_NTNV



Band42c\_20MHz\_256QAM\_HCH\_3590MHz\_RB\_100\_0\_NTNV



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## 13. Peak-Average Ratio

## 13.1 B66\_1.4MHz

## 13.1.1 Test Result

| Band: 66 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 1710.7          | 6             | 0      | 5.47                    | <=13  | Pass    |
|                                     | 1745            | 6             | 0      | 6.64                    | <=13  | Pass    |
|                                     | 1779.3          | 6             | 0      | 6.63                    | <=13  | Pass    |
| 16QAM                               | 1710.7          | 6             | 0      | 6.15                    | <=13  | Pass    |
|                                     | 1745            | 6             | 0      | 6.64                    | <=13  | Pass    |
|                                     | 1779.3          | 6             | 0      | 6.63                    | <=13  | Pass    |
| 64QAM                               | 1710.7          | 6             | 0      | 6.68                    | <=13  | Pass    |
|                                     | 1745            | 6             | 0      | 6.62                    | <=13  | Pass    |
|                                     | 1779.3          | 6             | 0      | 6.62                    | <=13  | Pass    |
| 256QAM                              | 1710.7          | 6             | 0      | 6.95                    | <=13  | Pass    |
|                                     | 1745            | 6             | 0      | 6.73                    | <=13  | Pass    |
|                                     | 1779.3          | 6             | 0      | 6.97                    | <=13  | Pass    |



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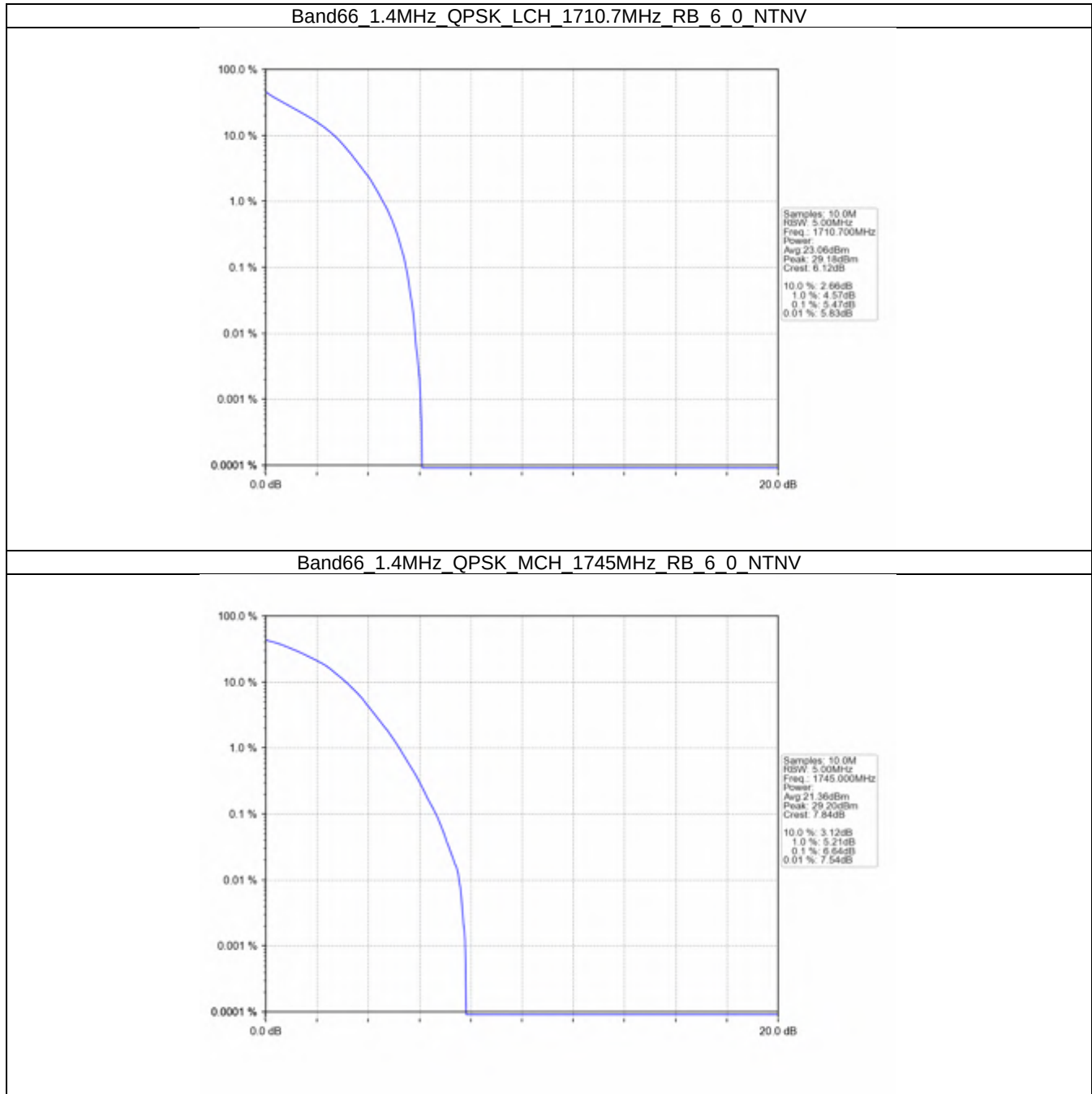
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## 13.1.2 Test Graph



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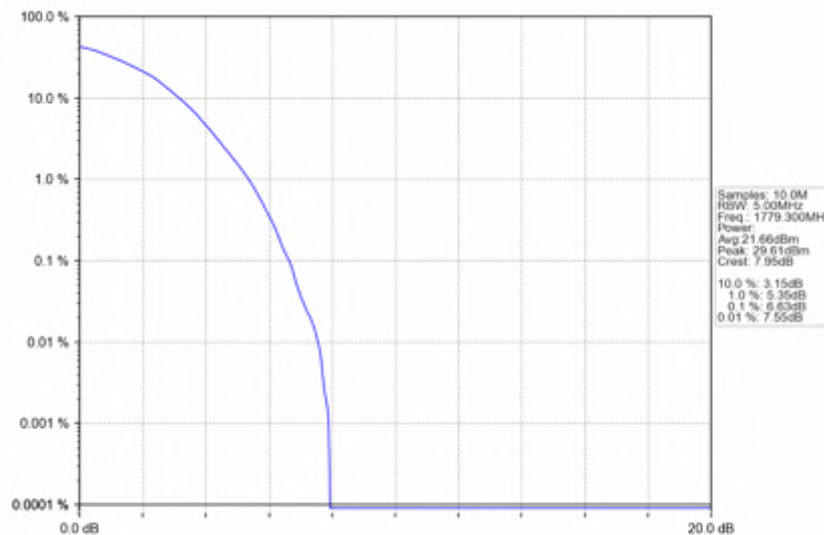
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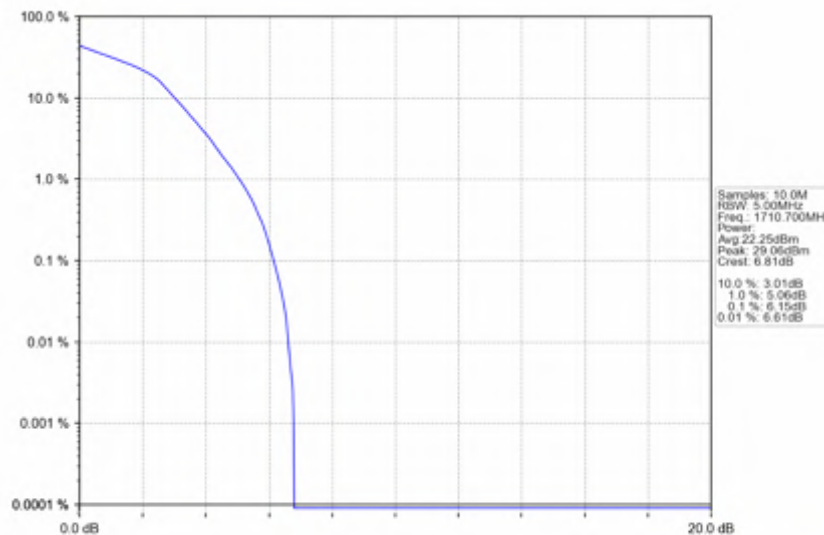
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Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



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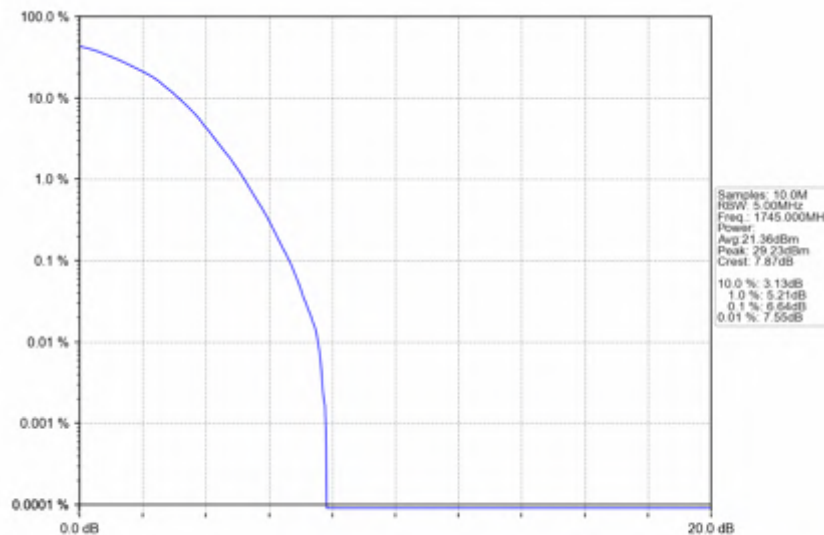
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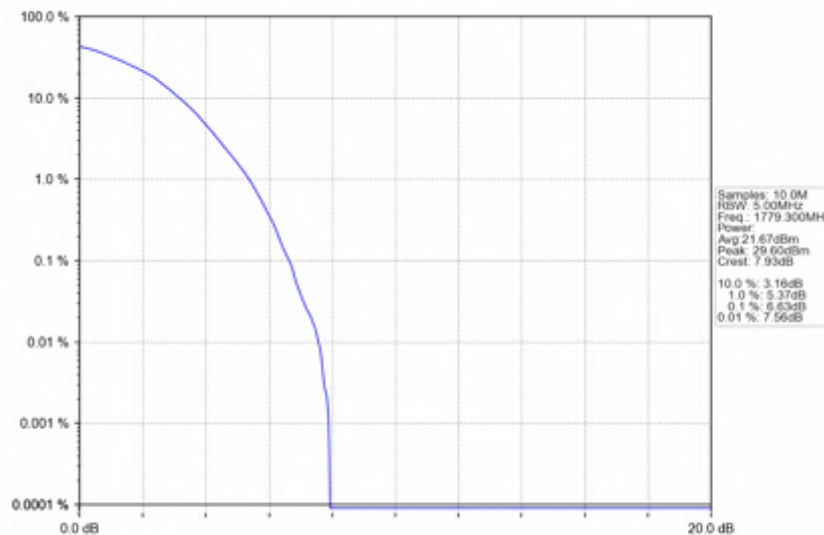
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Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



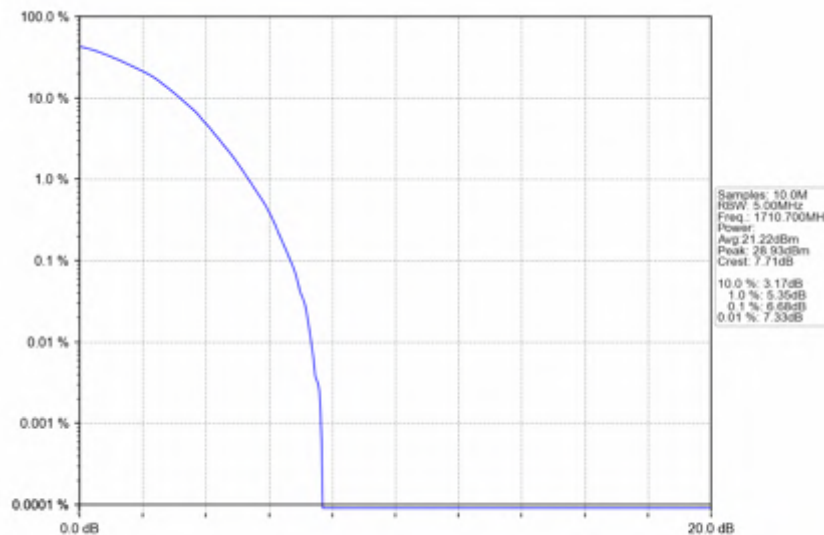
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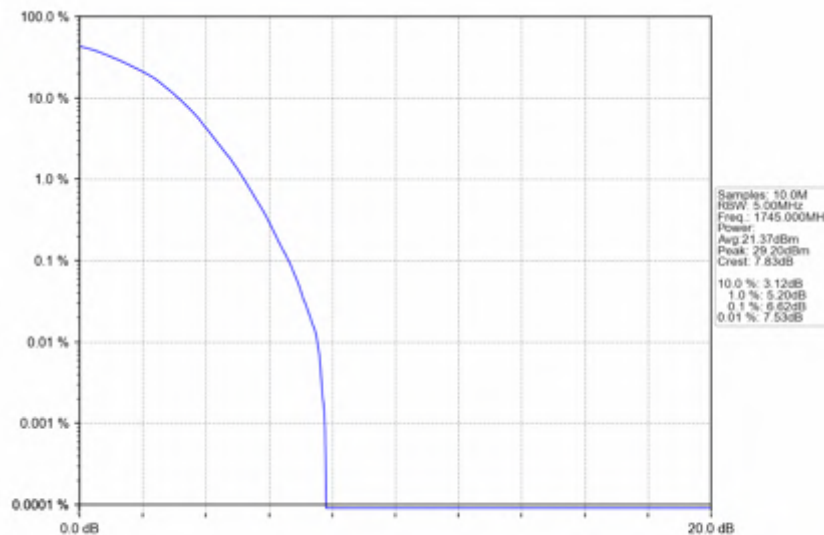
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Band66\_1.4MHz\_64QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



Band66\_1.4MHz\_64QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



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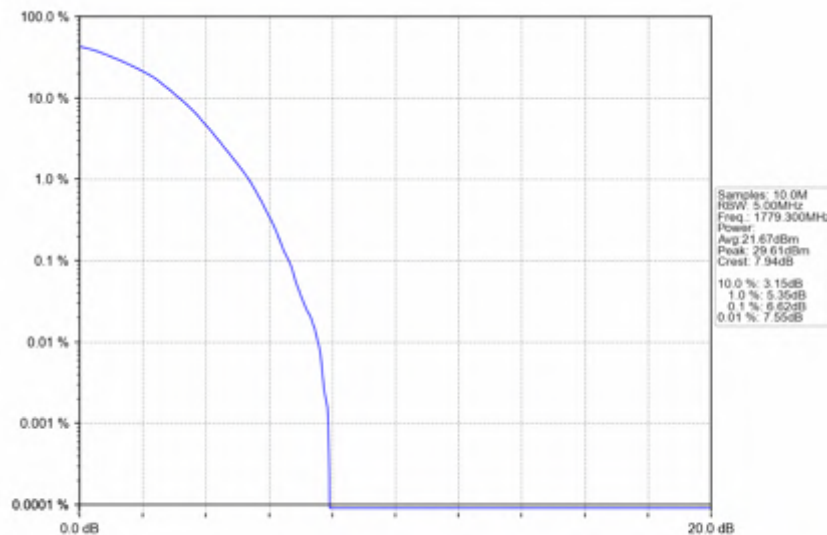
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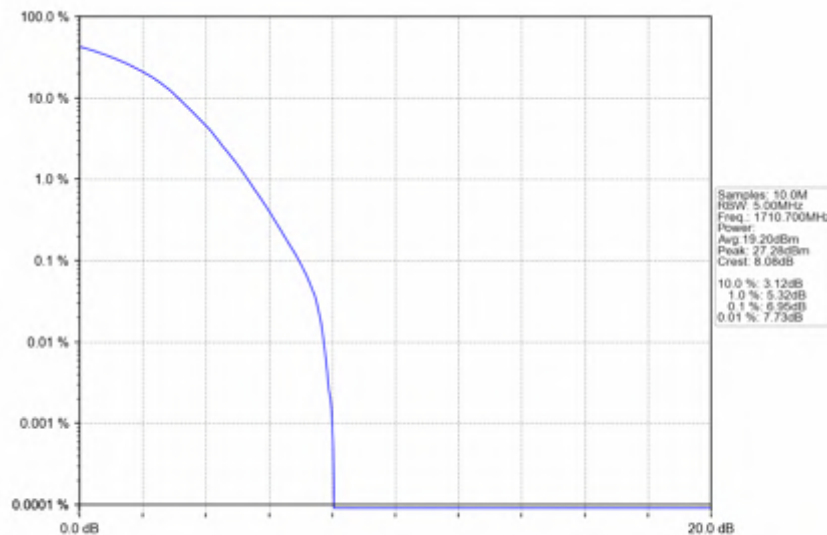
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Band66\_1.4MHz\_64QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



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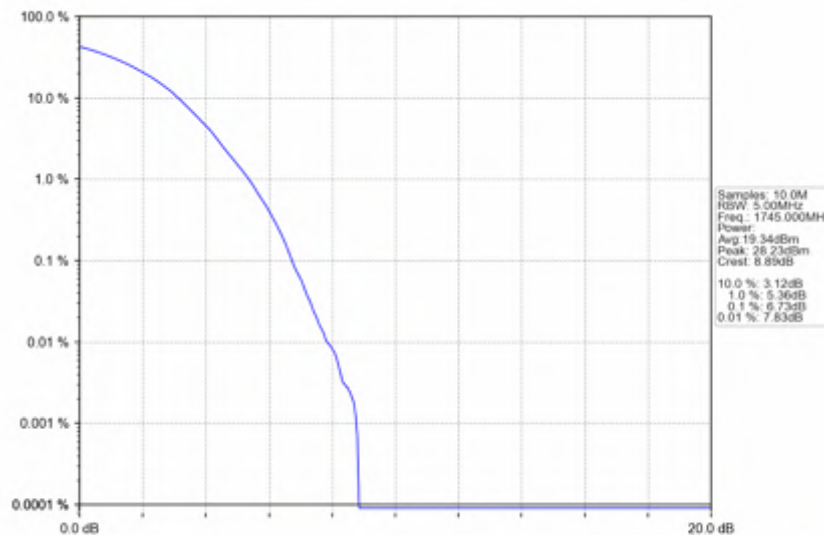
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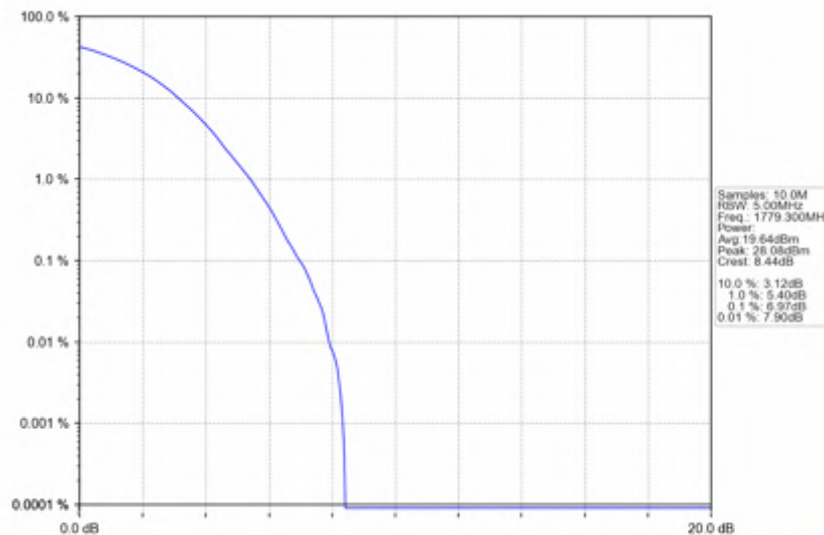
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Band66\_1.4MHz\_256QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



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## 13.2 B66\_3MHz

## 13.2.1 Test Result

| Band: 66 / Bandwidth: 3MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1711.5          | 15            | 0      | 6.75                    | <=13  | Pass    |
|                                   | 1745            | 15            | 0      | 6.76                    | <=13  | Pass    |
|                                   | 1778.5          | 15            | 0      | 6.76                    | <=13  | Pass    |
| 16QAM                             | 1711.5          | 15            | 0      | 6.76                    | <=13  | Pass    |
|                                   | 1745            | 15            | 0      | 6.74                    | <=13  | Pass    |
|                                   | 1778.5          | 15            | 0      | 6.76                    | <=13  | Pass    |
| 64QAM                             | 1711.5          | 15            | 0      | 6.76                    | <=13  | Pass    |
|                                   | 1745            | 15            | 0      | 6.75                    | <=13  | Pass    |
|                                   | 1778.5          | 15            | 0      | 6.76                    | <=13  | Pass    |
| 256QAM                            | 1711.5          | 15            | 0      | 6.92                    | <=13  | Pass    |
|                                   | 1745            | 15            | 0      | 6.86                    | <=13  | Pass    |
|                                   | 1778.5          | 15            | 0      | 7.00                    | <=13  | Pass    |



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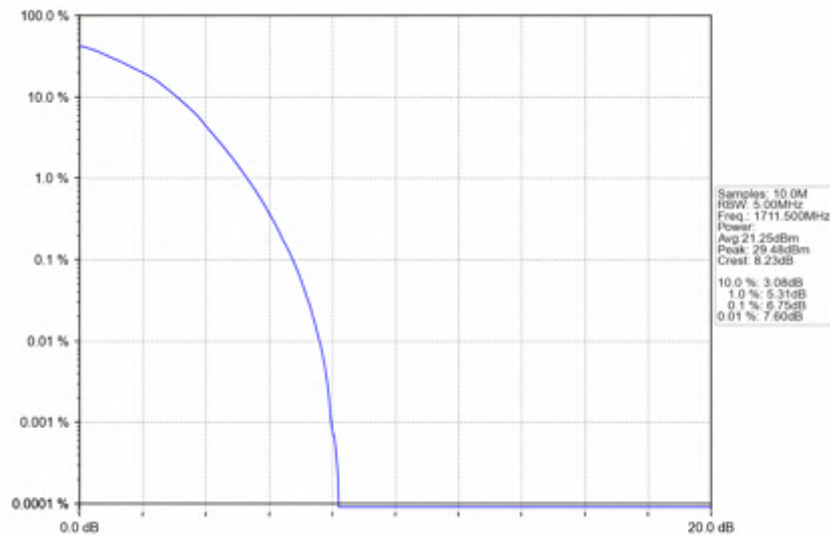
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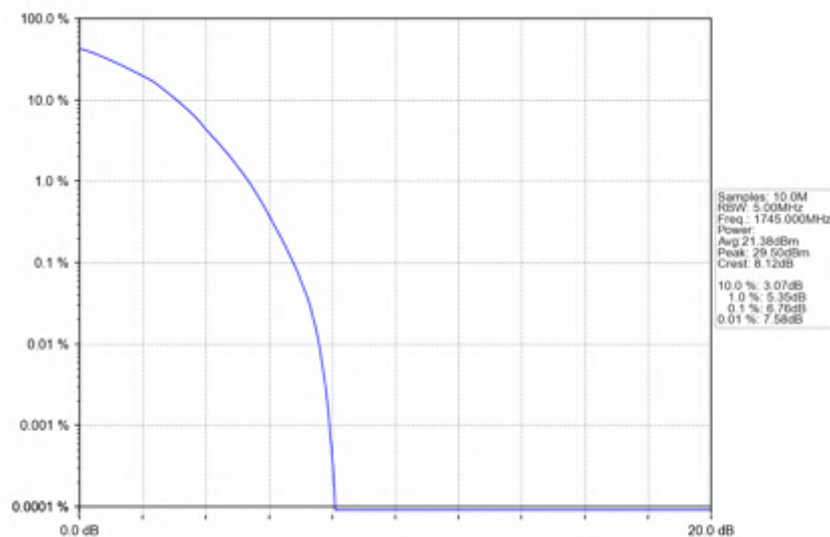
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## 13.2.2 Test Graph

Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



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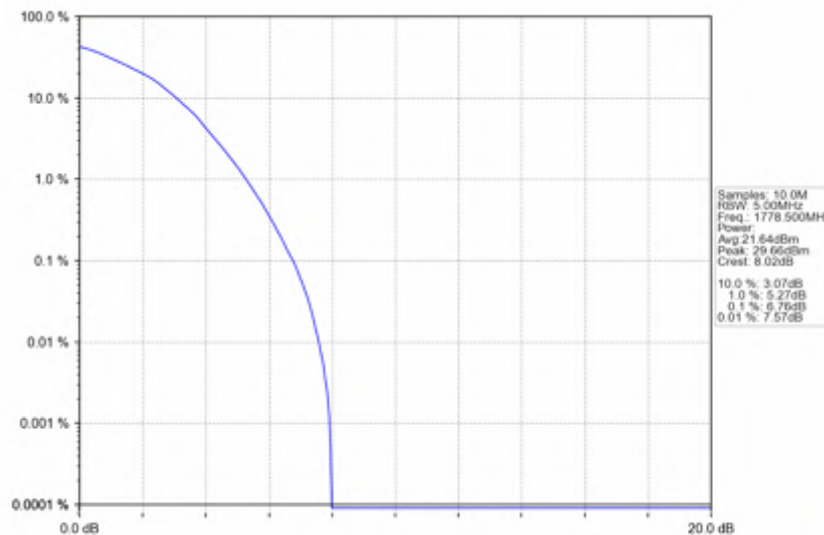
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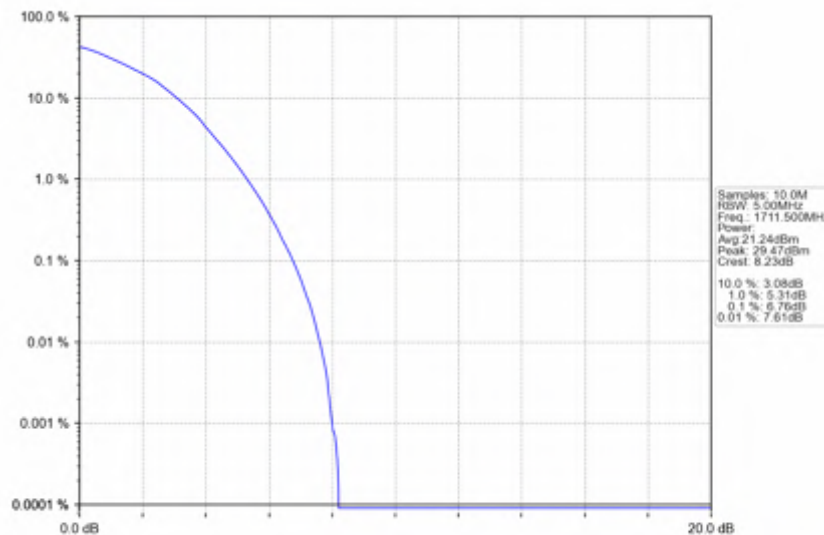
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Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



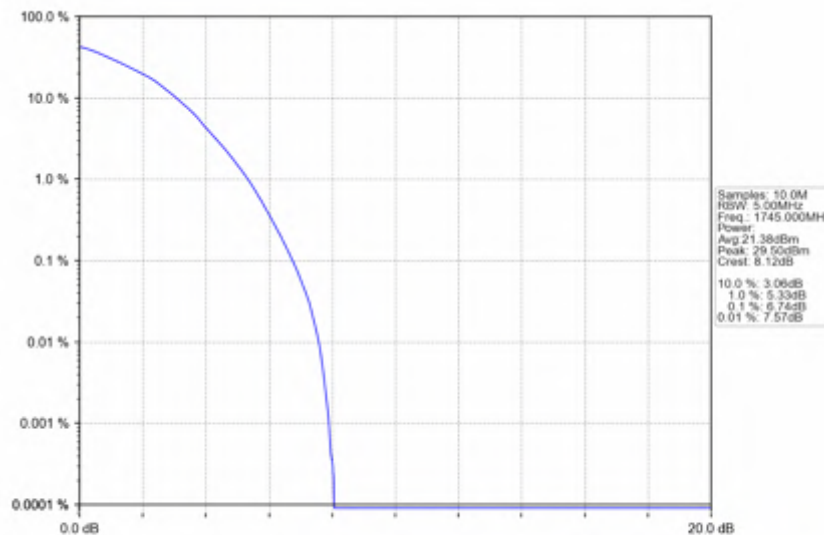
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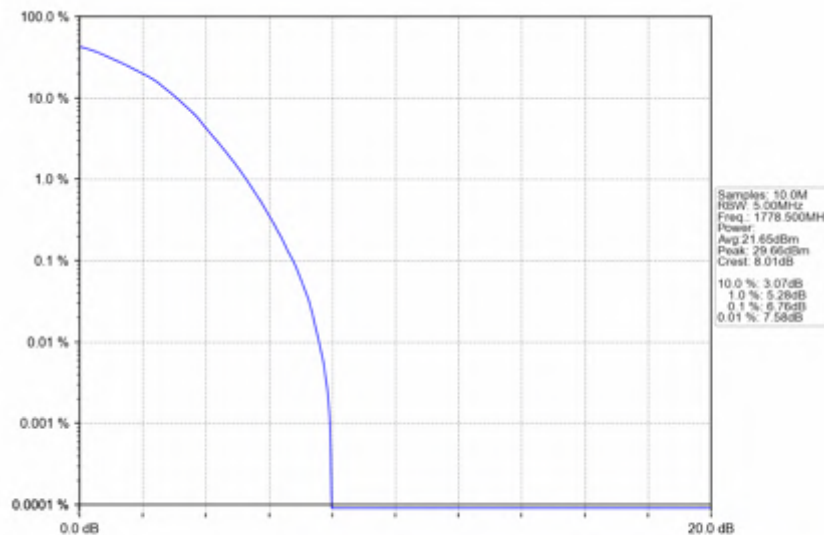
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Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV

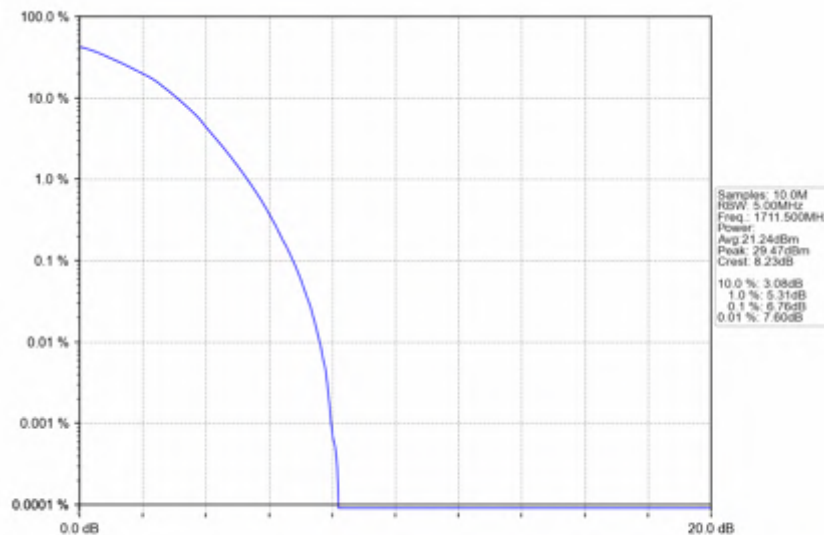


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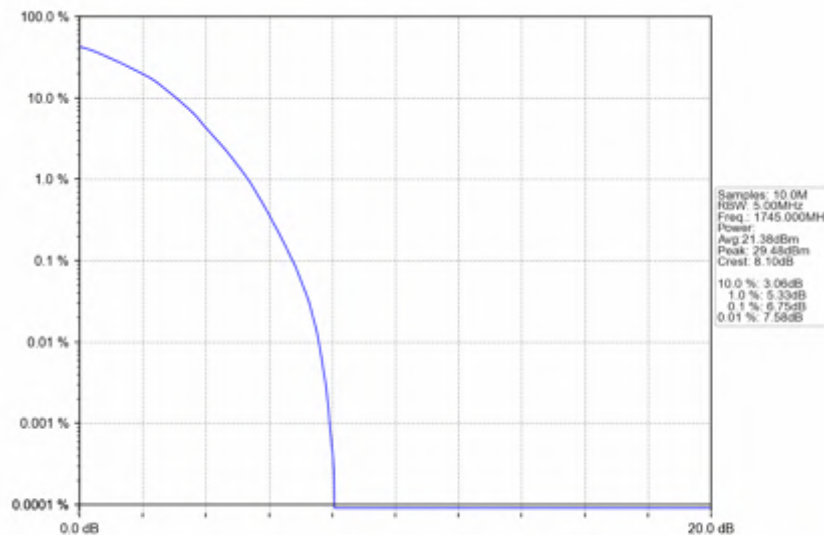
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Band66\_3MHz\_64QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_64QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV

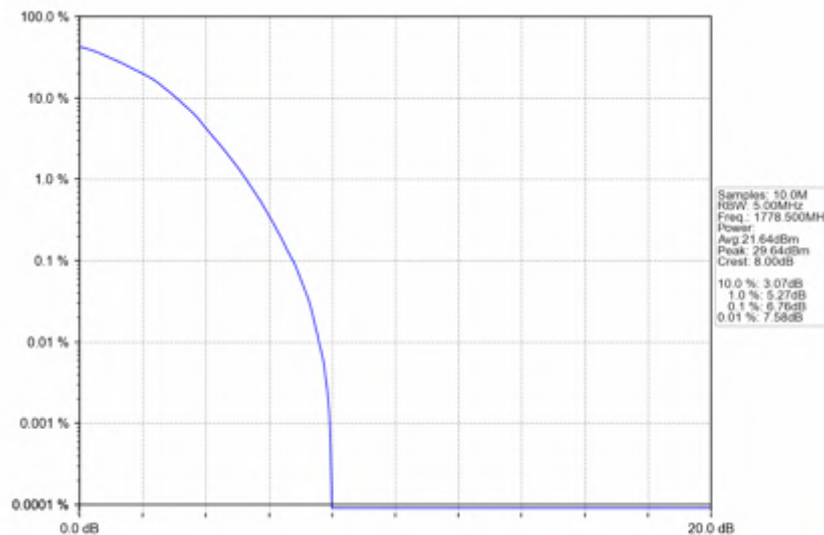


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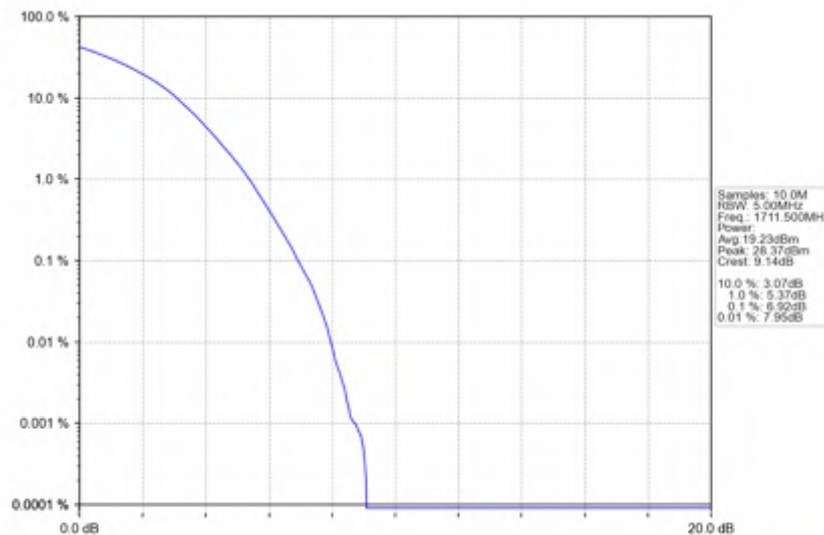
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Band66\_3MHz\_64QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_256QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



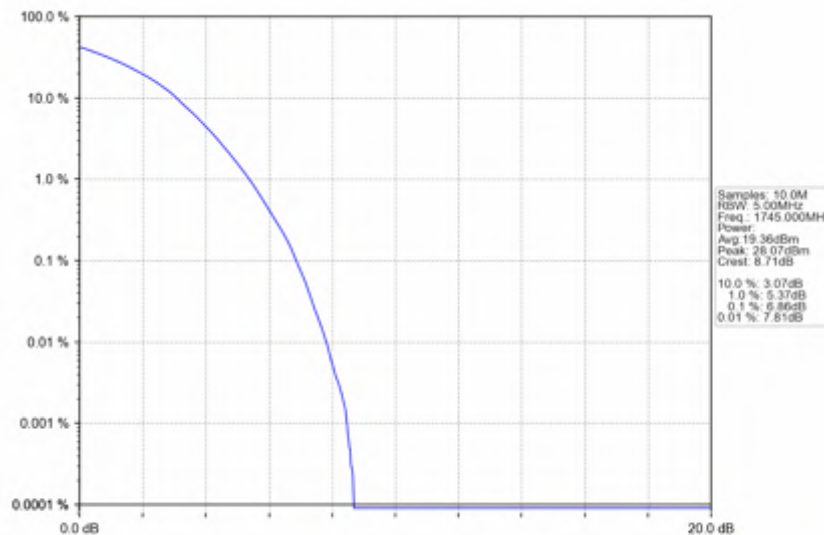
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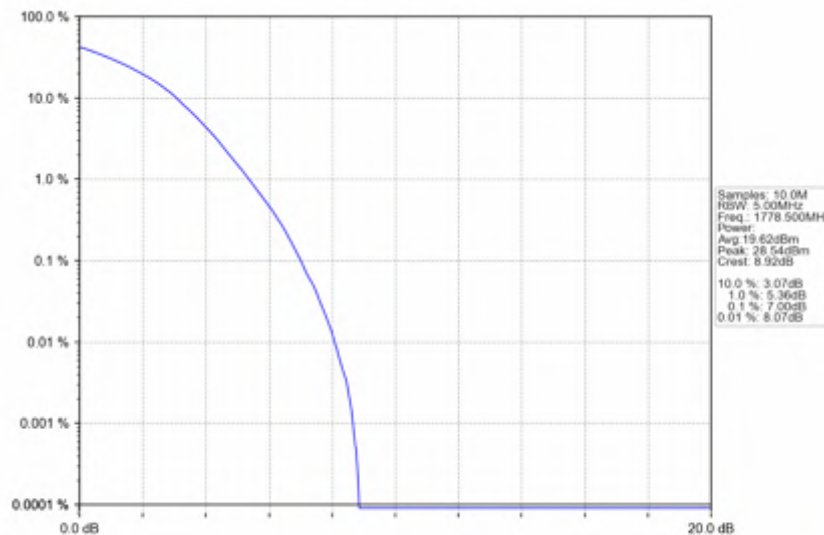
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Band66\_3MHz\_256QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_256QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



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## 13.3 B66\_5MHz

## 13.3.1 Test Result

| Band: 66 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1712.5          | 25            | 0      | 6.72                    | <=13  | Pass    |
|                                   | 1745            | 25            | 0      | 6.67                    | <=13  | Pass    |
|                                   | 1777.5          | 25            | 0      | 6.64                    | <=13  | Pass    |
| 16QAM                             | 1712.5          | 25            | 0      | 6.71                    | <=13  | Pass    |
|                                   | 1745            | 25            | 0      | 6.67                    | <=13  | Pass    |
|                                   | 1777.5          | 25            | 0      | 6.63                    | <=13  | Pass    |
| 64QAM                             | 1712.5          | 25            | 0      | 6.70                    | <=13  | Pass    |
|                                   | 1745            | 25            | 0      | 6.67                    | <=13  | Pass    |
|                                   | 1777.5          | 25            | 0      | 6.63                    | <=13  | Pass    |
| 256QAM                            | 1712.5          | 25            | 0      | 6.76                    | <=13  | Pass    |
|                                   | 1745            | 25            | 0      | 6.94                    | <=13  | Pass    |
|                                   | 1777.5          | 25            | 0      | 6.94                    | <=13  | Pass    |



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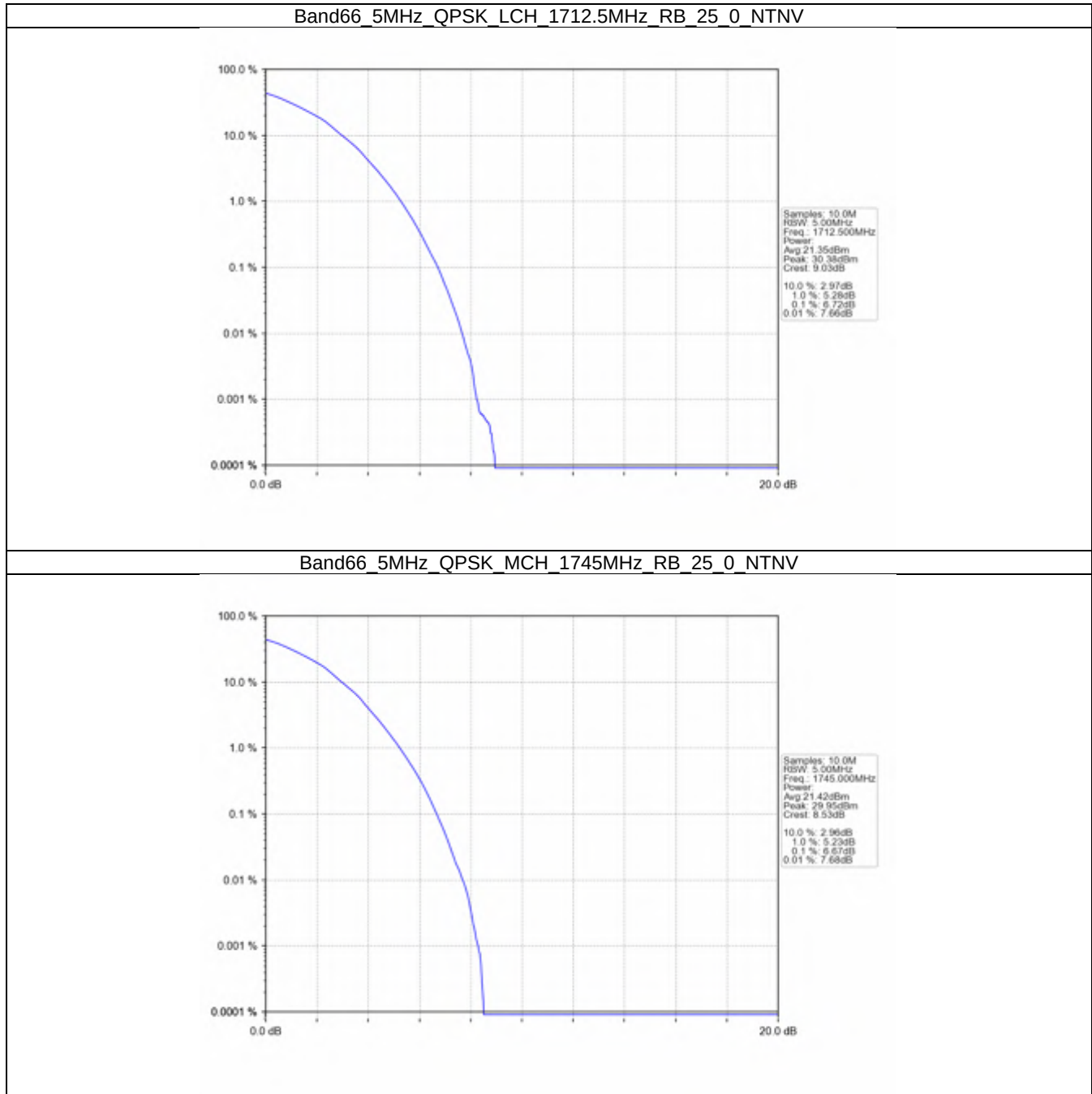
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## 13.3.2 Test Graph



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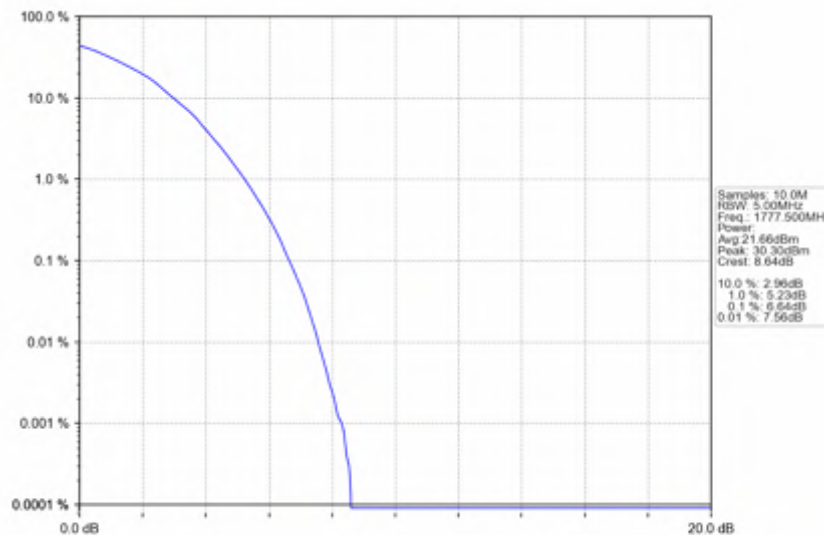
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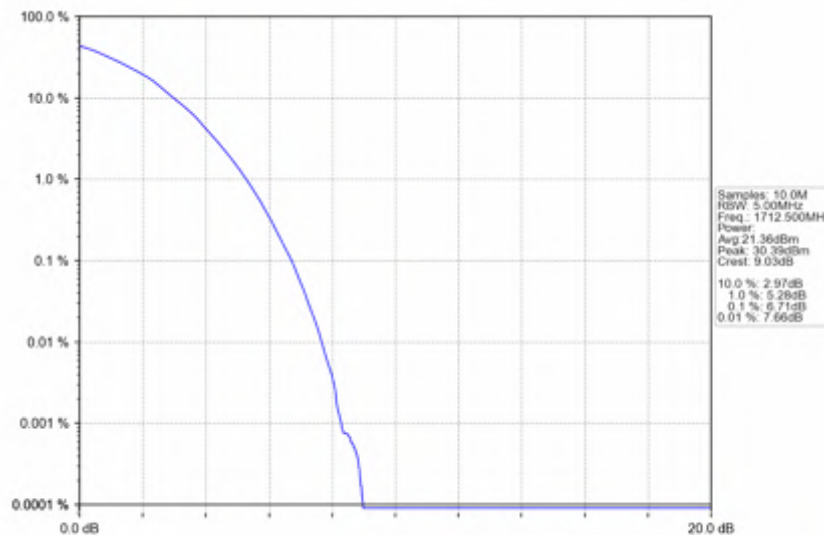
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Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



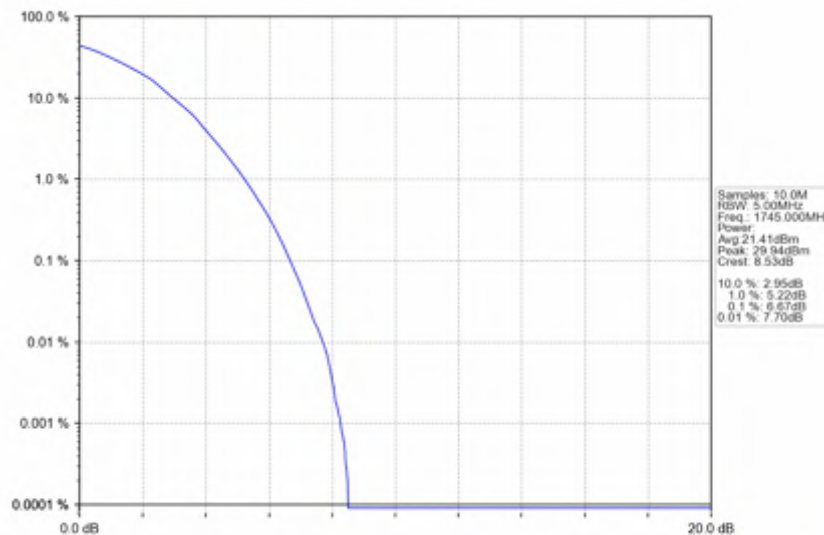
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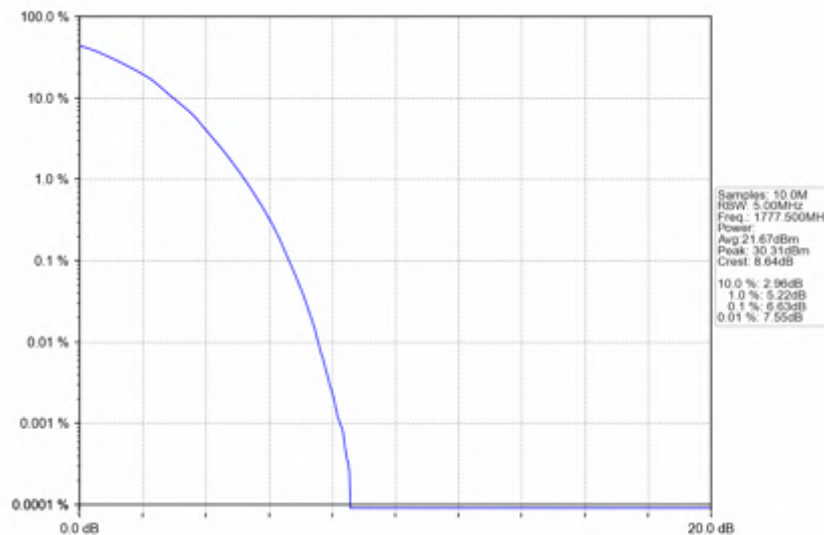
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Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



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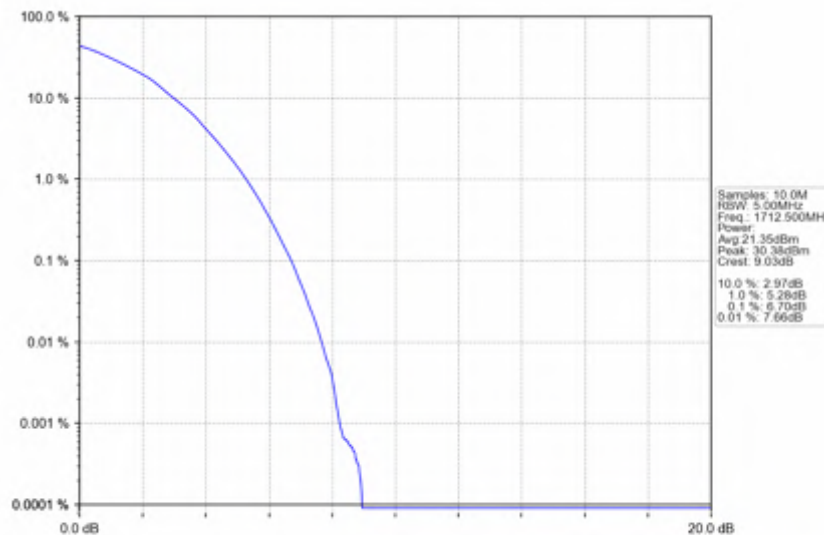
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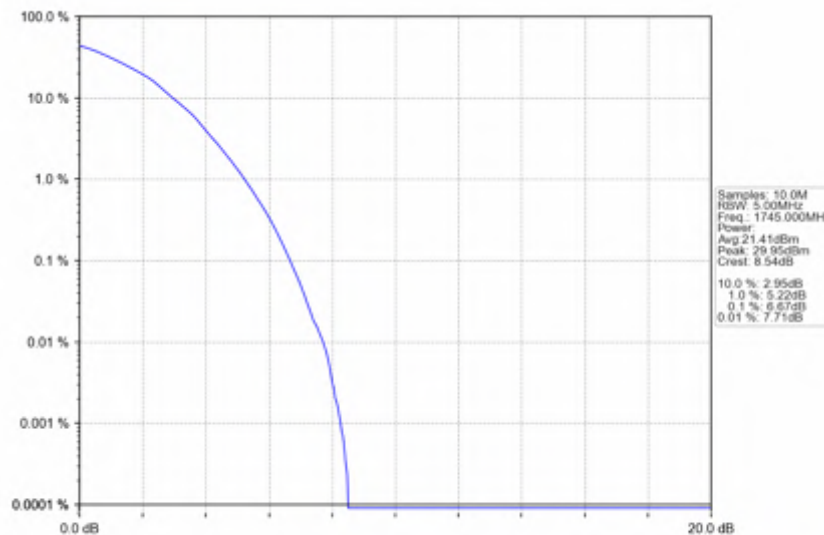
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Band66\_5MHz\_64QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV

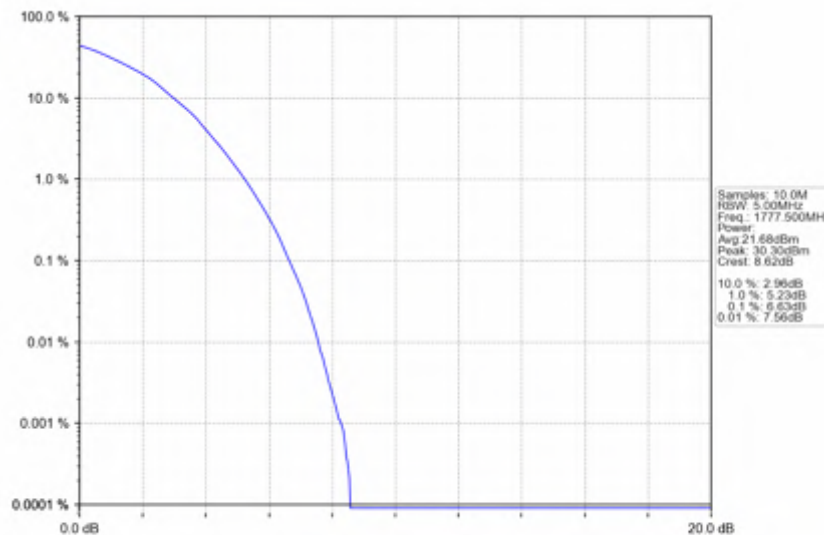


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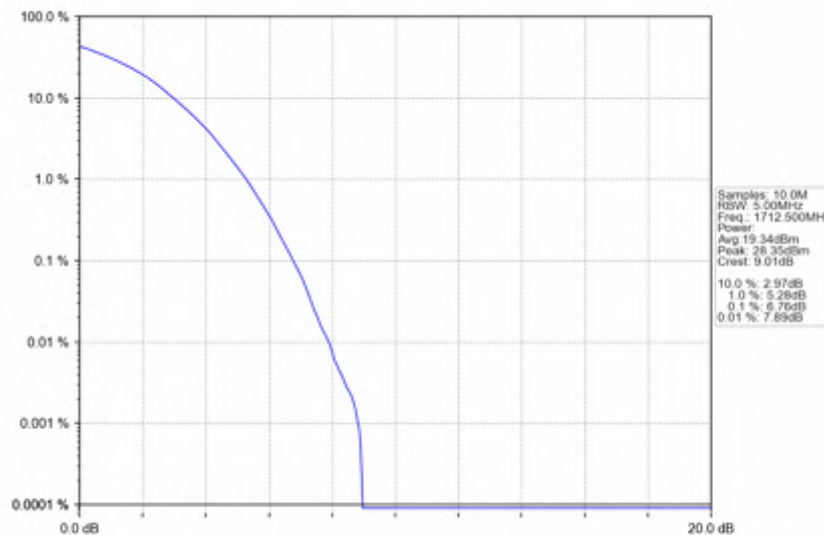
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Band66\_5MHz\_64QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_256QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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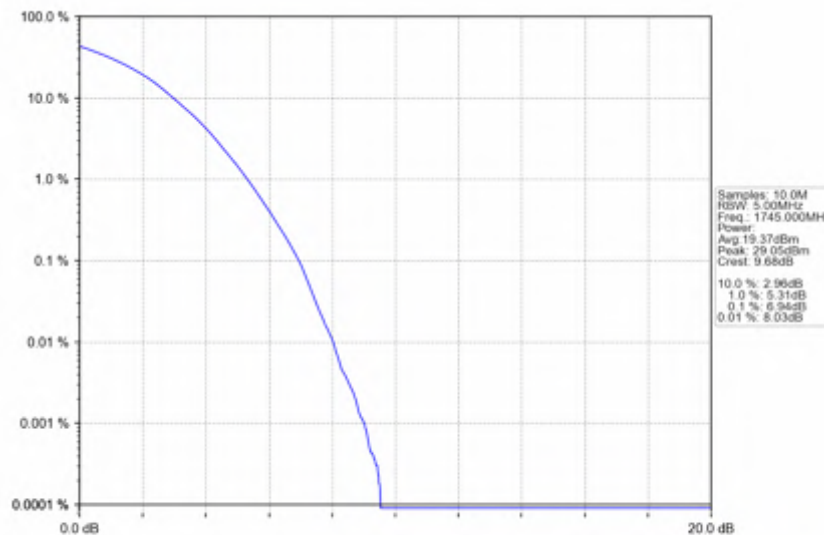
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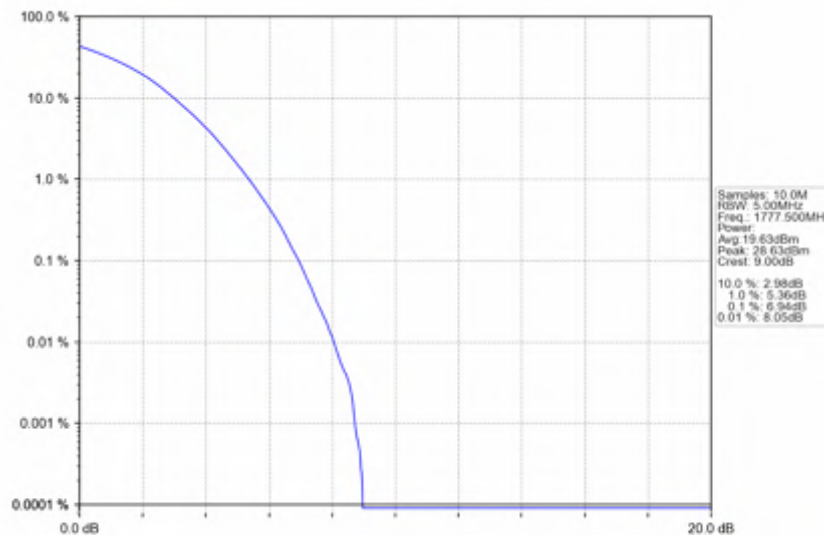
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Band66\_5MHz\_256QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_256QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



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## 13.4 B66\_10MHz

### 13.4.1 Test Result

| Band: 66 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1715            | 50            | 0      | 6.77                    | <=13  | Pass    |
|                                    | 1745            | 50            | 0      | 6.71                    | <=13  | Pass    |
|                                    | 1775            | 50            | 0      | 6.74                    | <=13  | Pass    |
| 16QAM                              | 1715            | 50            | 0      | 6.77                    | <=13  | Pass    |
|                                    | 1745            | 50            | 0      | 6.72                    | <=13  | Pass    |
|                                    | 1775            | 50            | 0      | 6.75                    | <=13  | Pass    |
| 64QAM                              | 1715            | 50            | 0      | 6.77                    | <=13  | Pass    |
|                                    | 1745            | 50            | 0      | 6.71                    | <=13  | Pass    |
|                                    | 1775            | 50            | 0      | 6.74                    | <=13  | Pass    |
| 256QAM                             | 1715            | 50            | 0      | 6.79                    | <=13  | Pass    |
|                                    | 1745            | 50            | 0      | 6.78                    | <=13  | Pass    |
|                                    | 1775            | 50            | 0      | 6.84                    | <=13  | Pass    |



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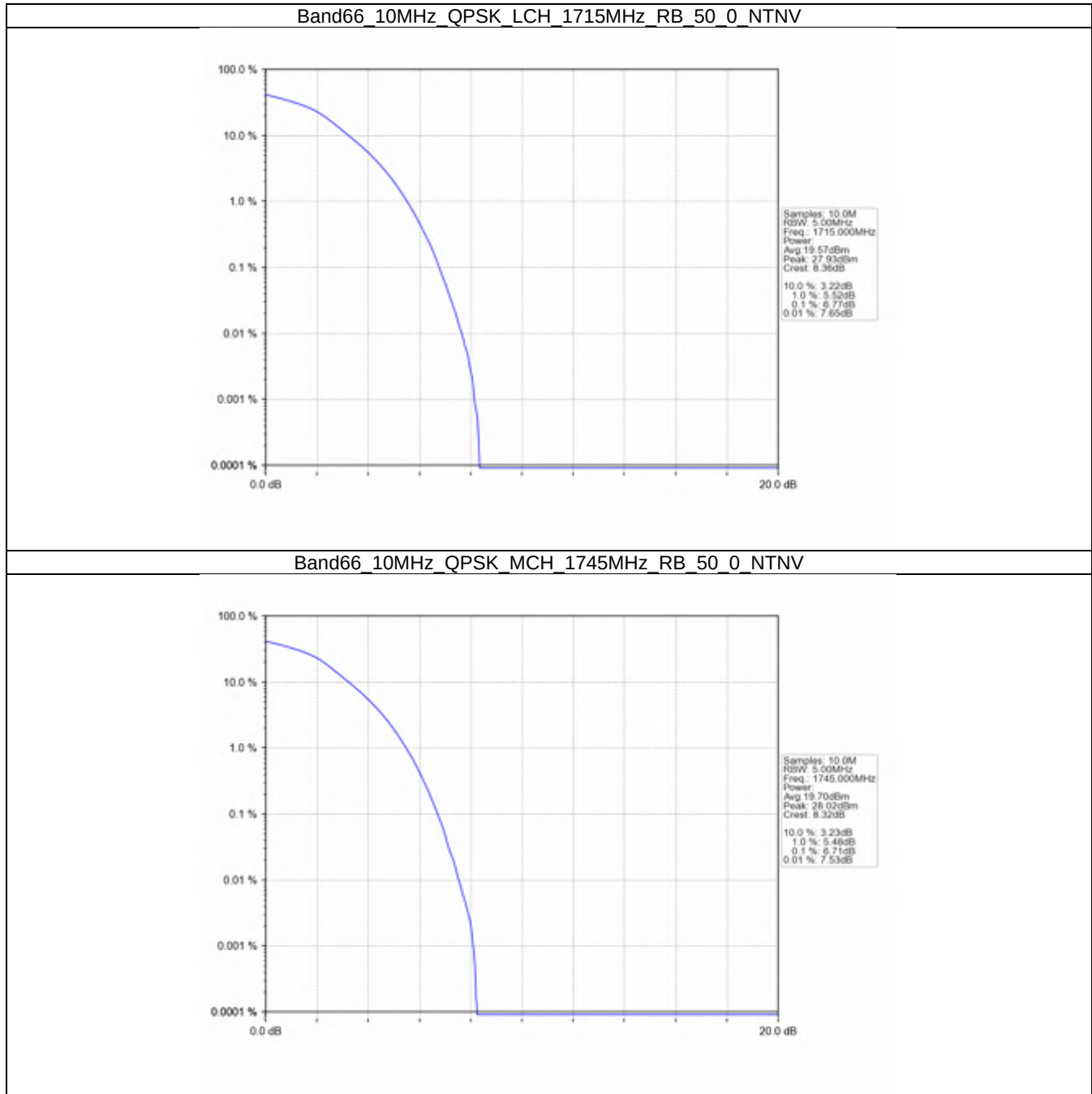
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## 13.4.2 Test Graph



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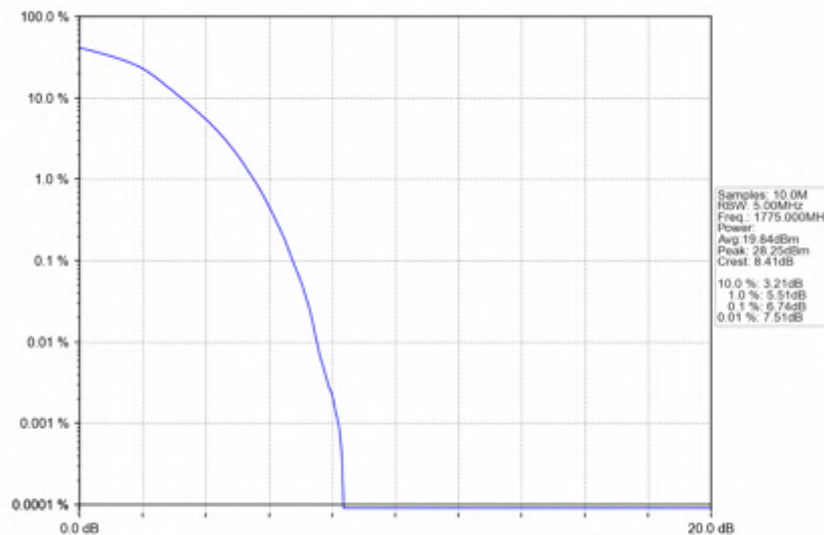
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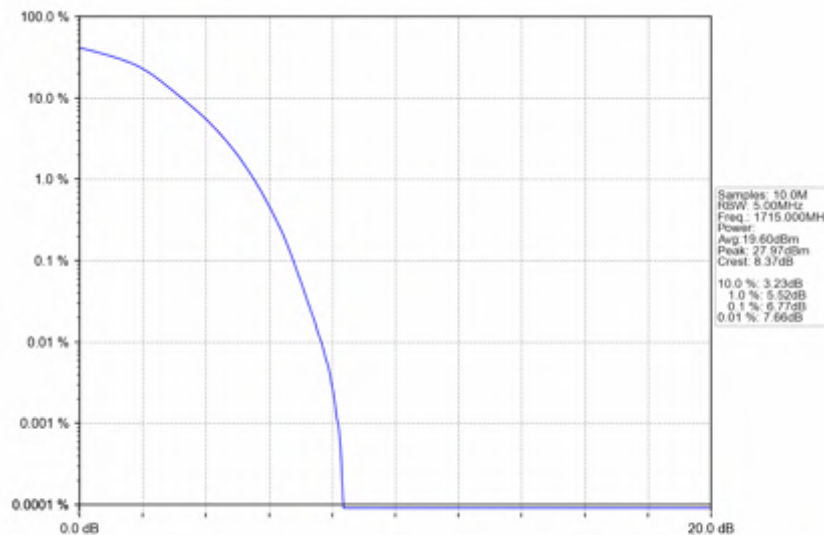
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Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



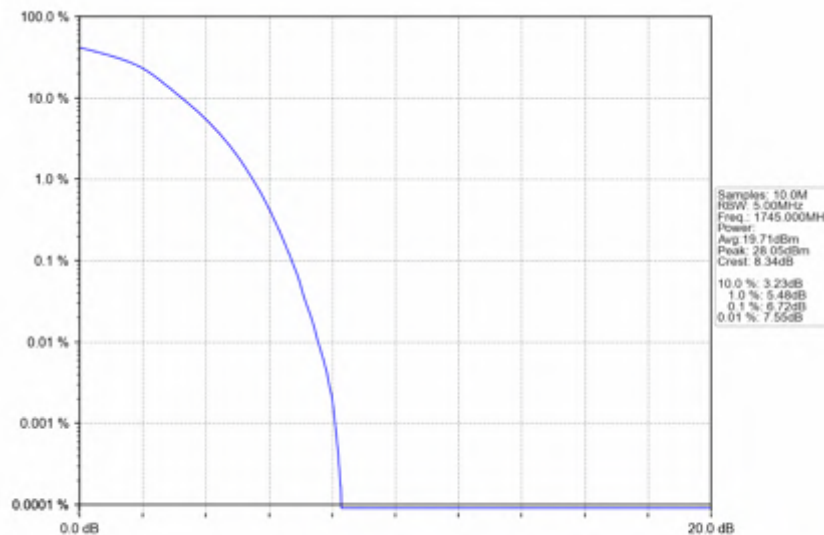
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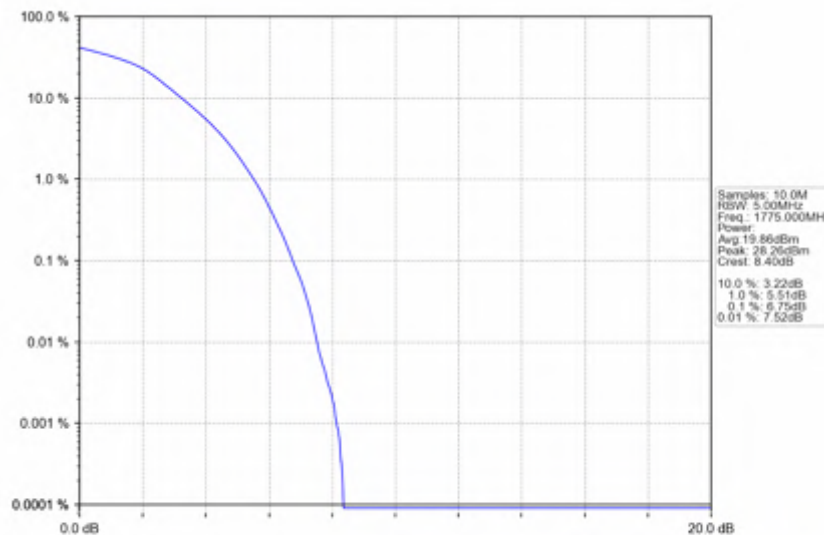
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Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



Band66\_10MHz\_16QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV



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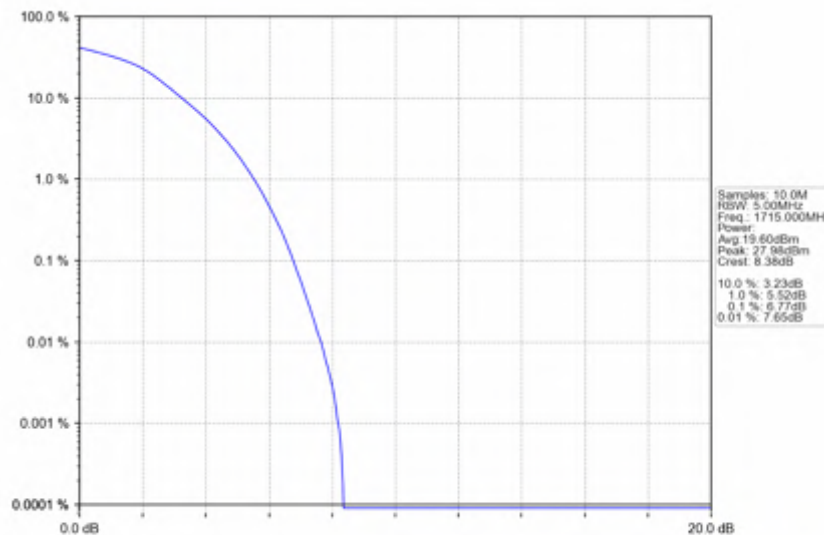
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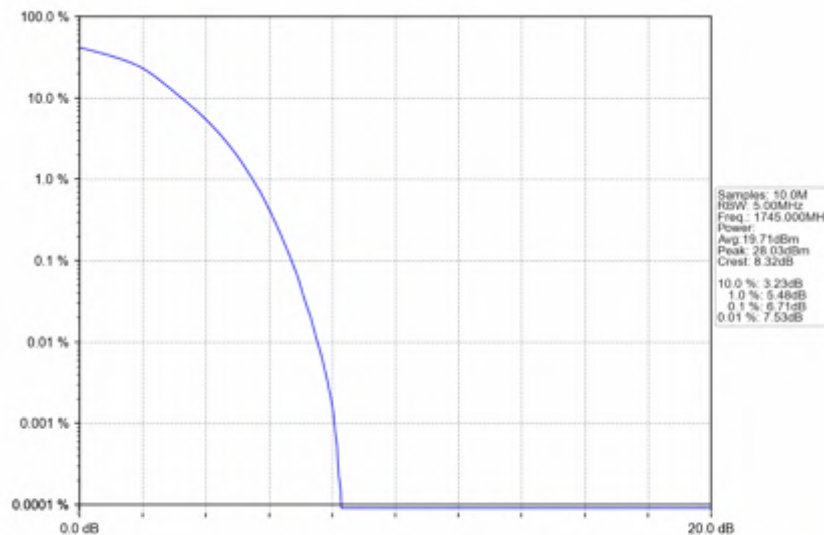
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Band66\_10MHz\_64QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



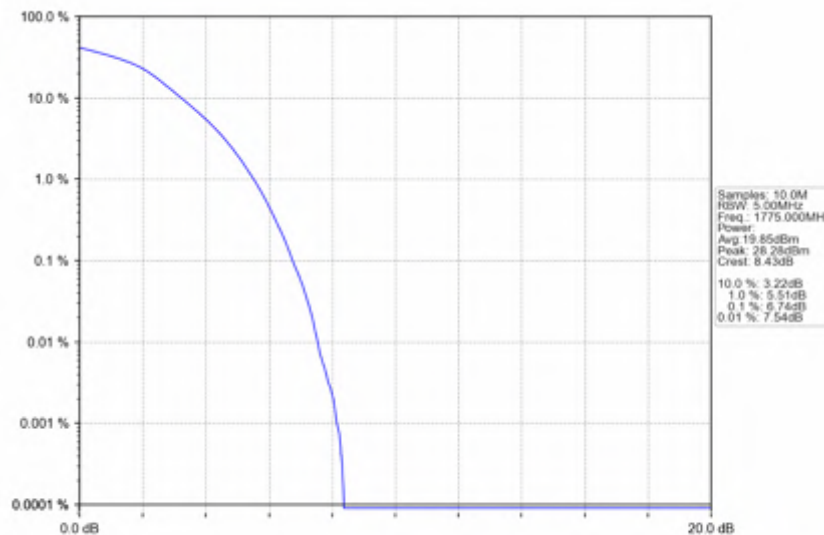
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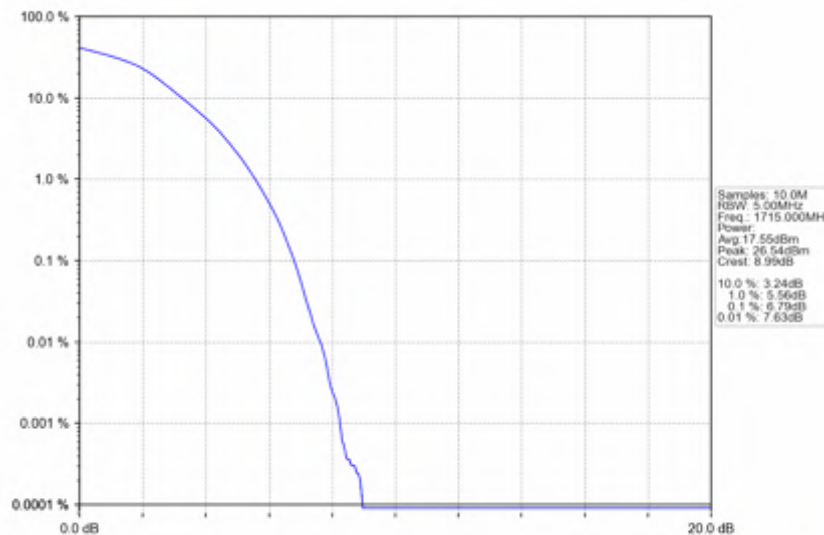
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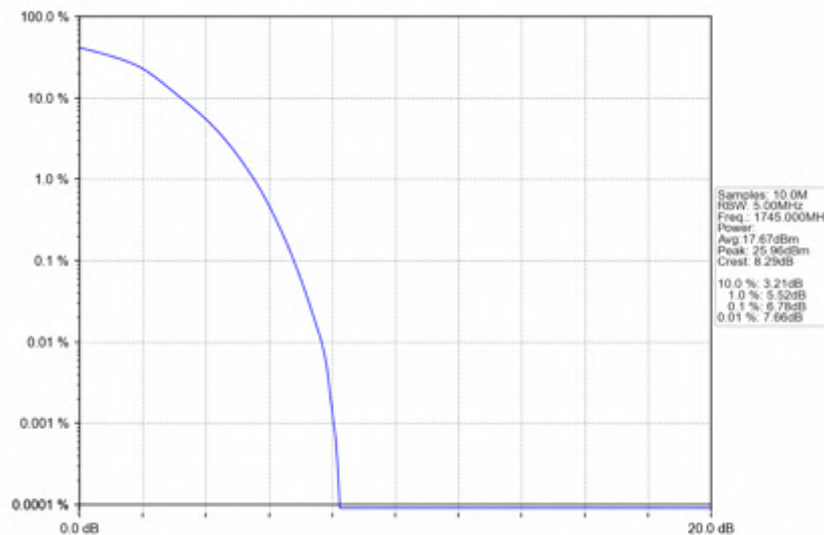
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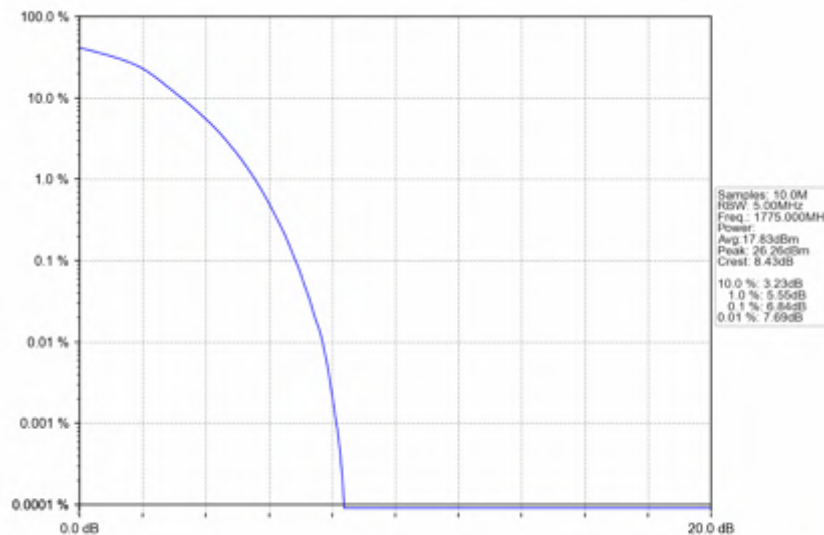
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Band66\_10MHz\_256QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV



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## 13.5 B66\_15MHz

## 13.5.1 Test Result

| Band: 66 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1717.5          | 75            | 0      | 7.24                    | <=13  | Pass    |
|                                    | 1745            | 75            | 0      | 7.16                    | <=13  | Pass    |
|                                    | 1772.5          | 75            | 0      | 7.20                    | <=13  | Pass    |
| 16QAM                              | 1717.5          | 75            | 0      | 7.24                    | <=13  | Pass    |
|                                    | 1745            | 75            | 0      | 7.16                    | <=13  | Pass    |
|                                    | 1772.5          | 75            | 0      | 7.20                    | <=13  | Pass    |
| 64QAM                              | 1717.5          | 75            | 0      | 7.24                    | <=13  | Pass    |
|                                    | 1745            | 75            | 0      | 7.16                    | <=13  | Pass    |
|                                    | 1772.5          | 75            | 0      | 7.20                    | <=13  | Pass    |
| 256QAM                             | 1717.5          | 75            | 0      | 7.25                    | <=13  | Pass    |
|                                    | 1745            | 75            | 0      | 7.24                    | <=13  | Pass    |
|                                    | 1772.5          | 75            | 0      | 7.27                    | <=13  | Pass    |



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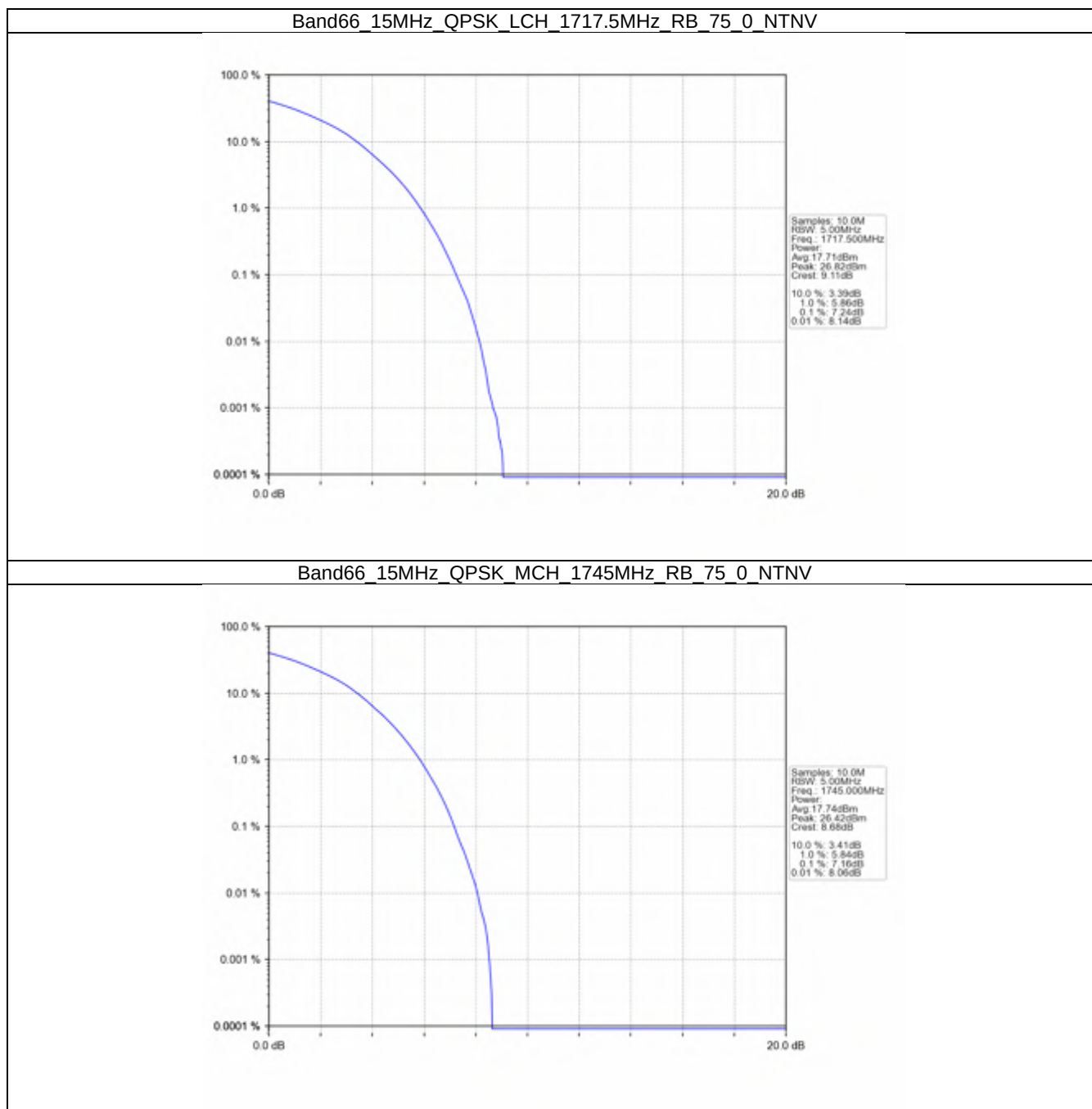
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## 13.5.2 Test Graph



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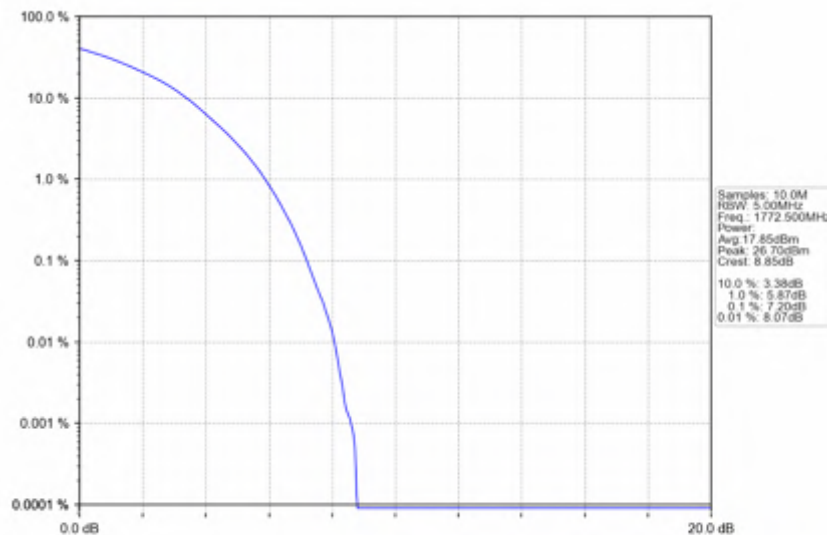
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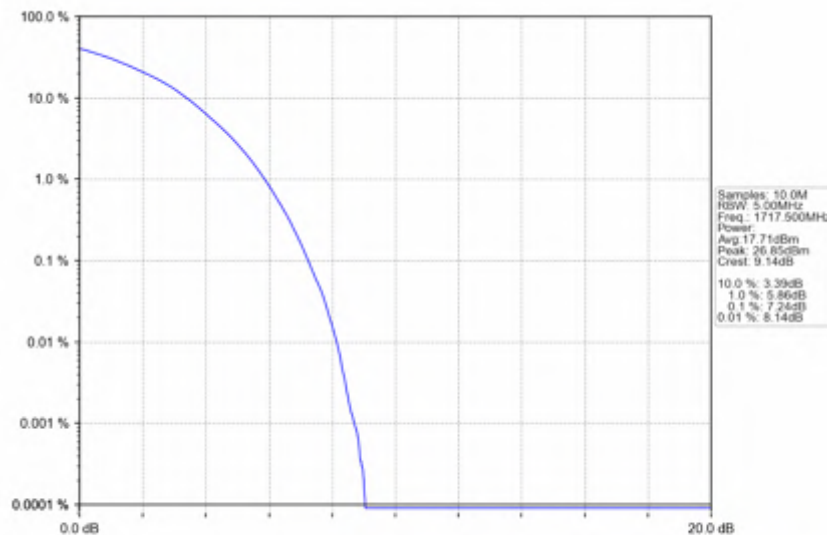
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Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



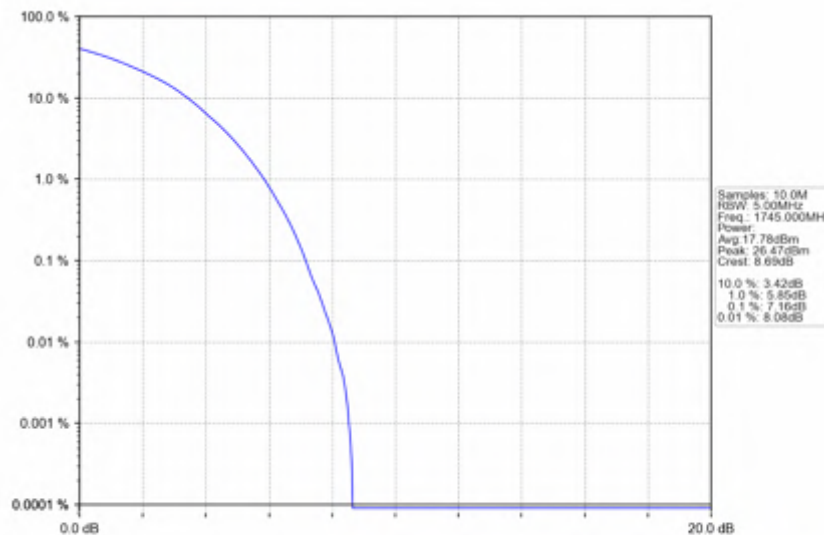
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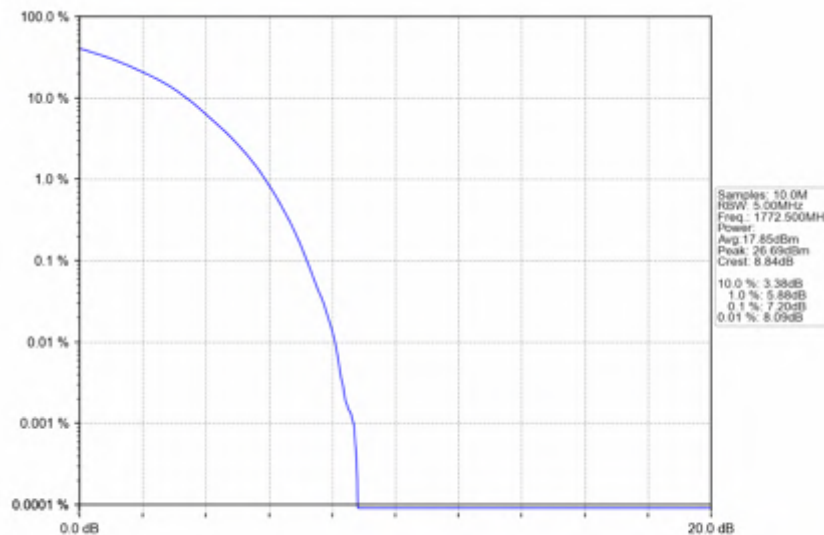
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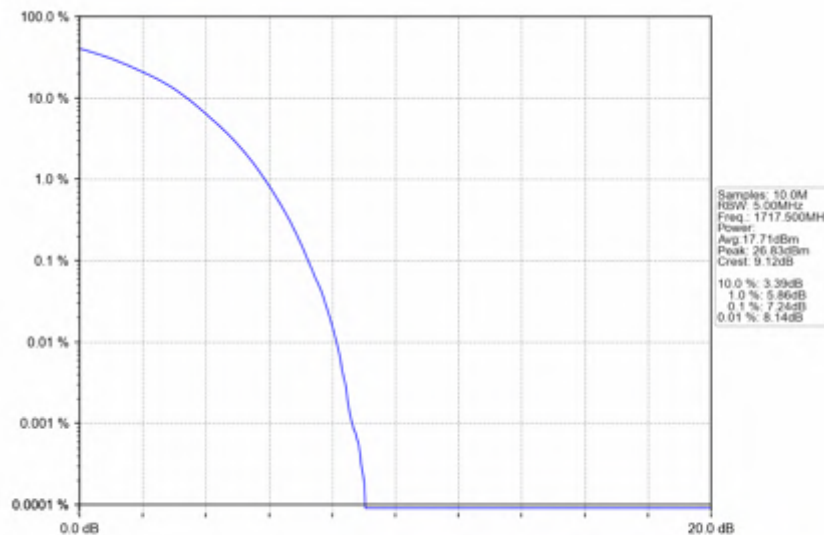


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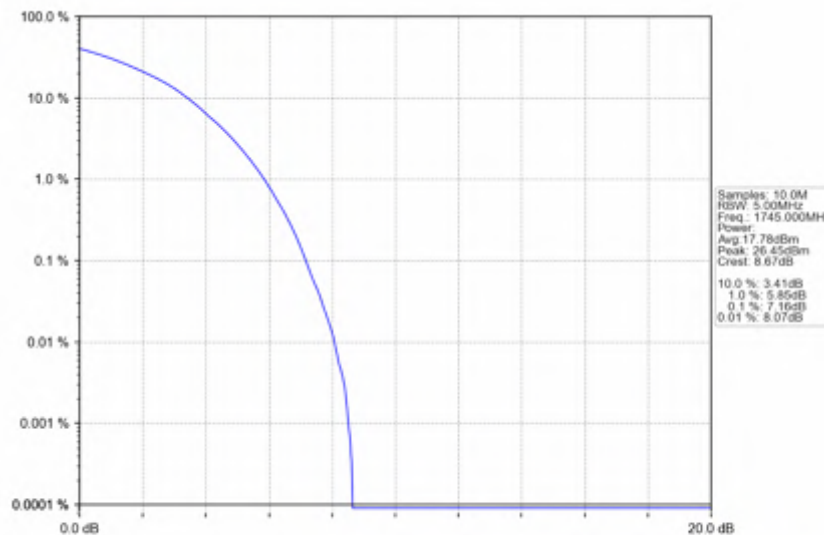
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Band66\_15MHz\_64QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



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