

# LTE B48

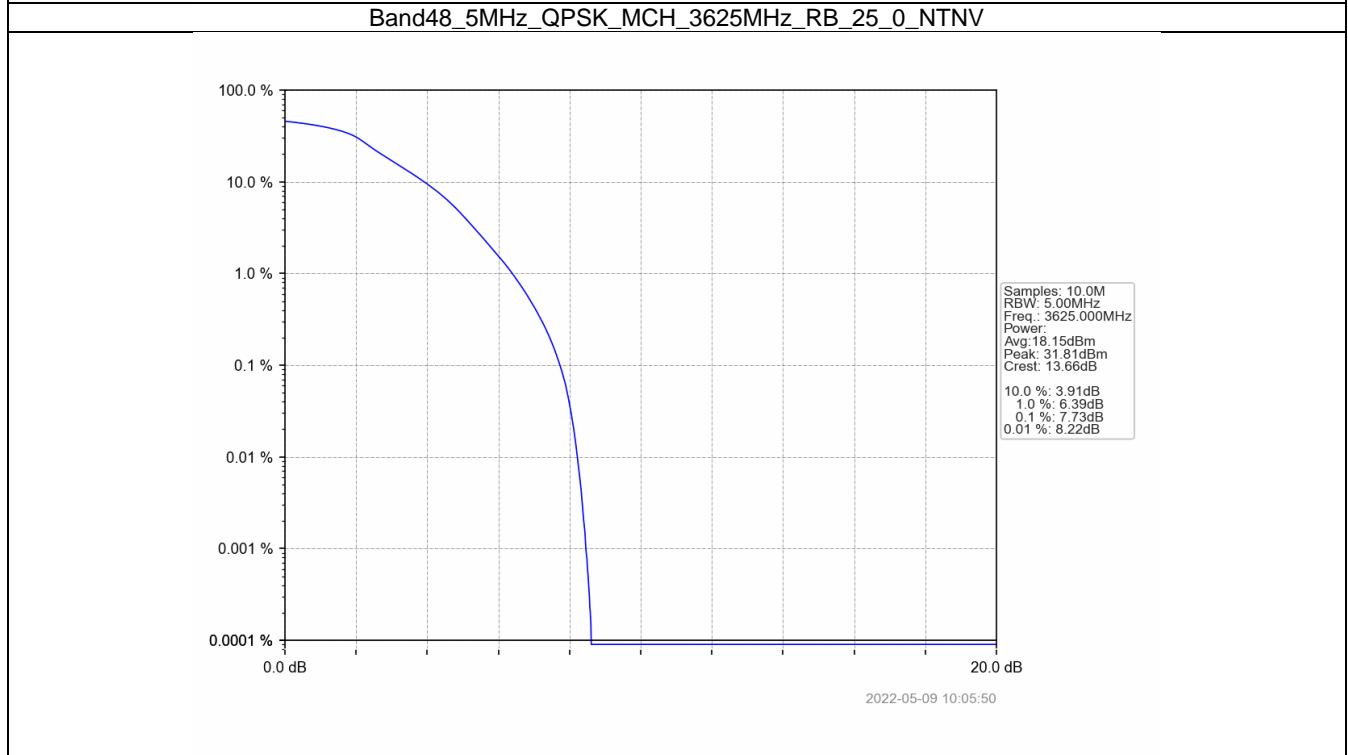
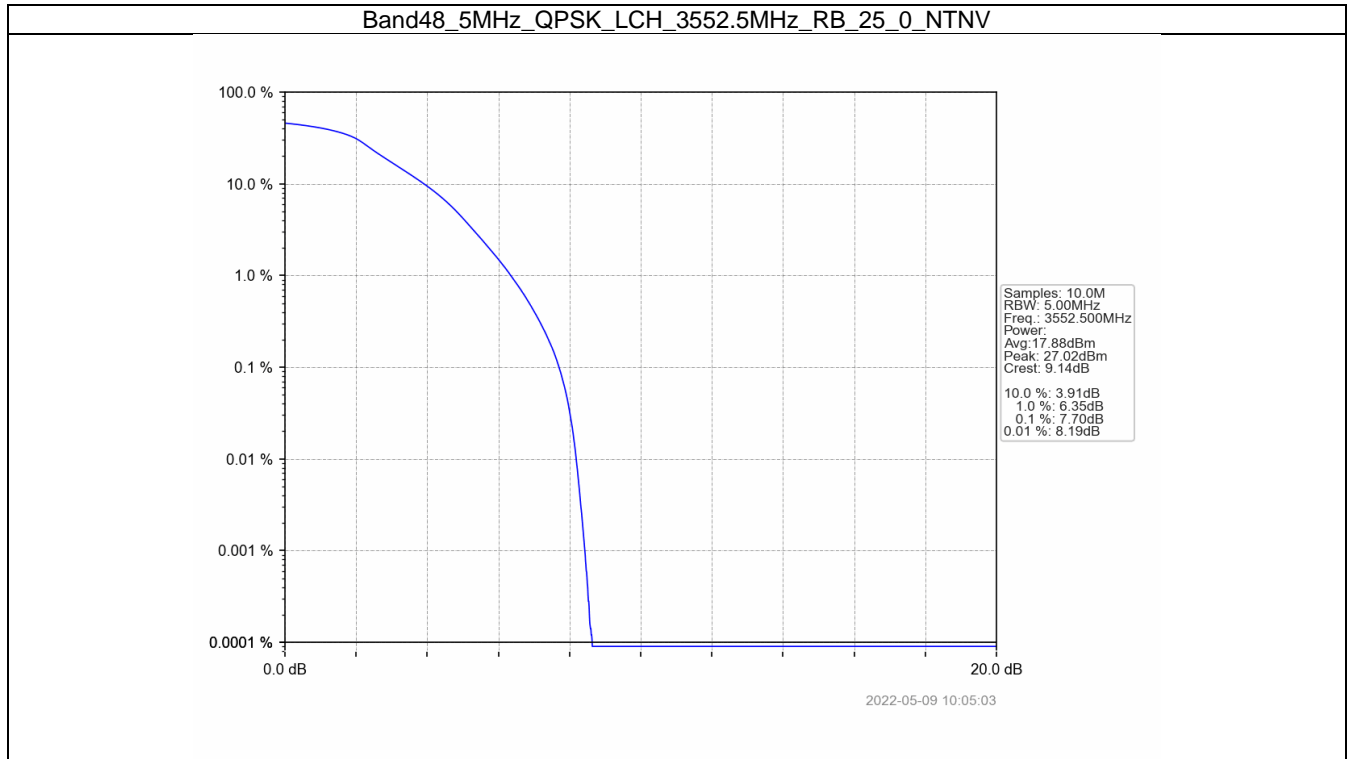
## 1. Peak-Average Ratio

### 1.1 B48\_5MHz

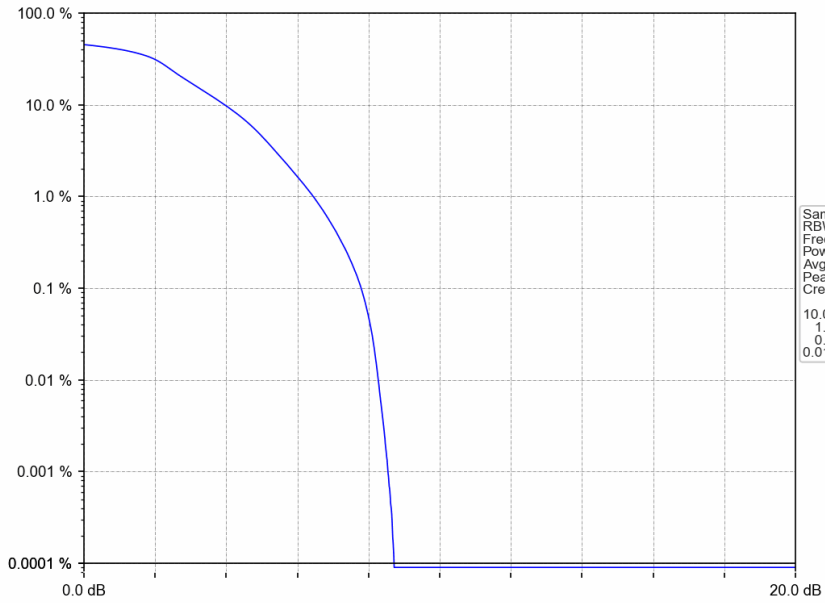
#### 1.1.1 Test Result

Band: 48 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	25	0	7.70	<=13	Pass
	3625	25	0	7.73	<=13	Pass
	3697.5	25	0	7.79	<=13	Pass
16QAM	3552.5	25	0	8.46	<=13	Pass
	3625	25	0	8.52	<=13	Pass
	3697.5	25	0	8.55	<=13	Pass

### 1.1.2 Test Graph

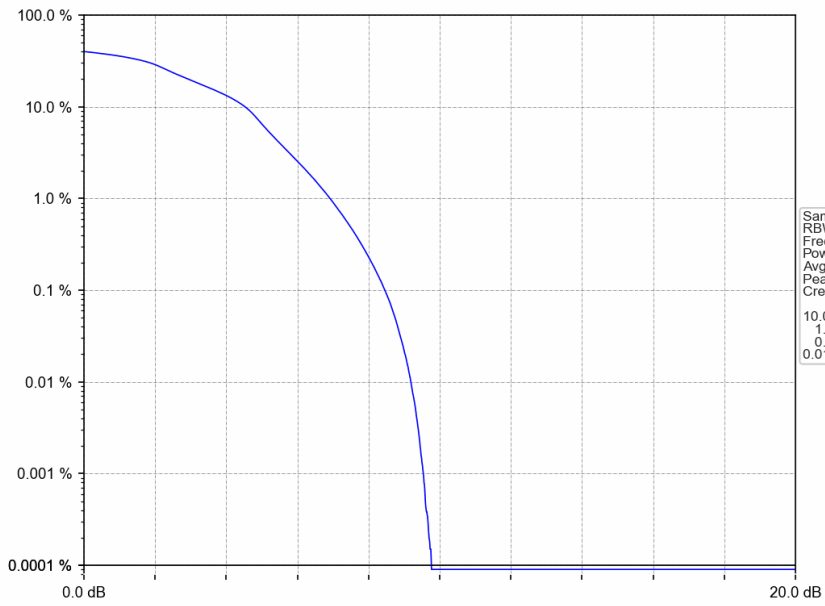


Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



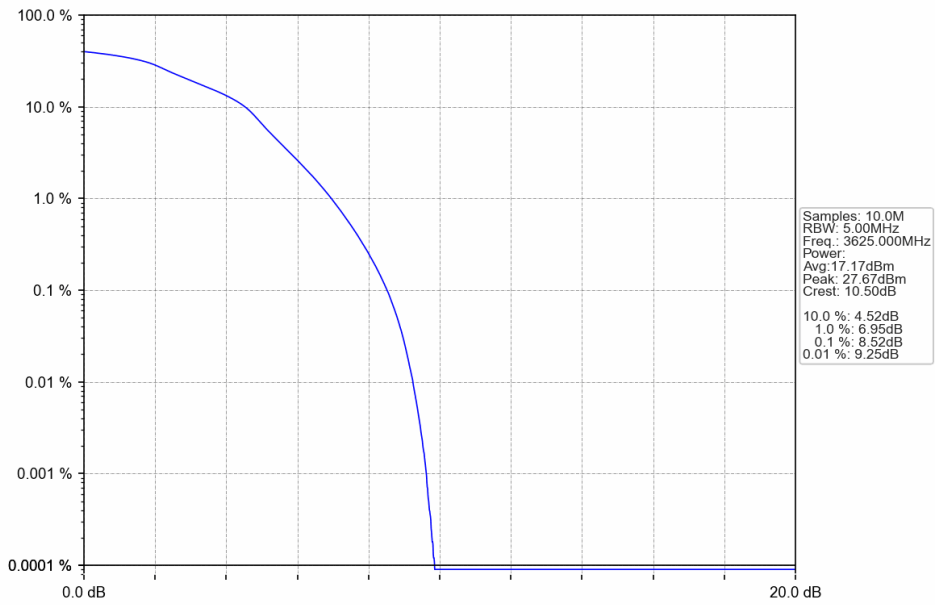
2022-05-09 10:06:38

Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV



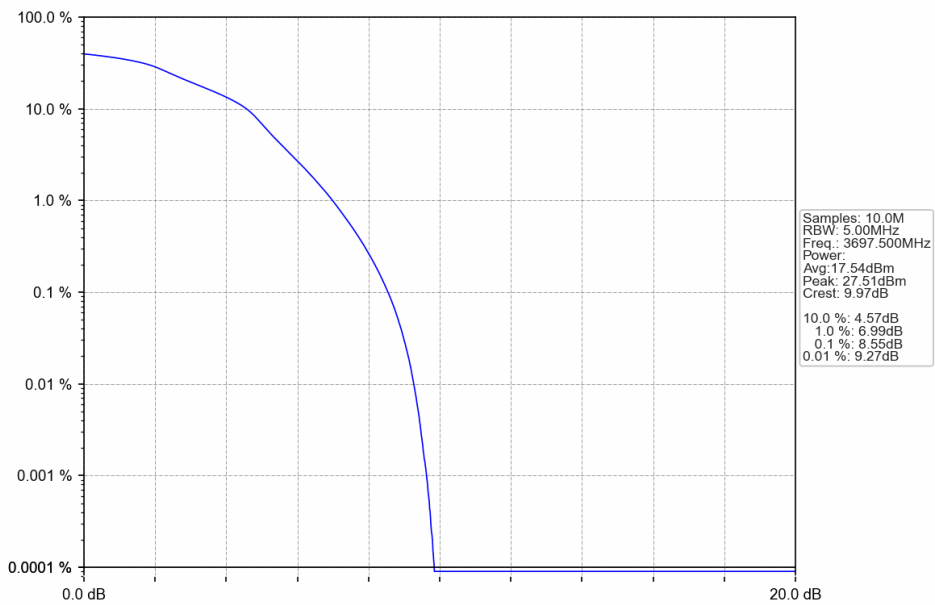
2022-05-09 10:05:27

Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV



2022-05-09 10:06:15

Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



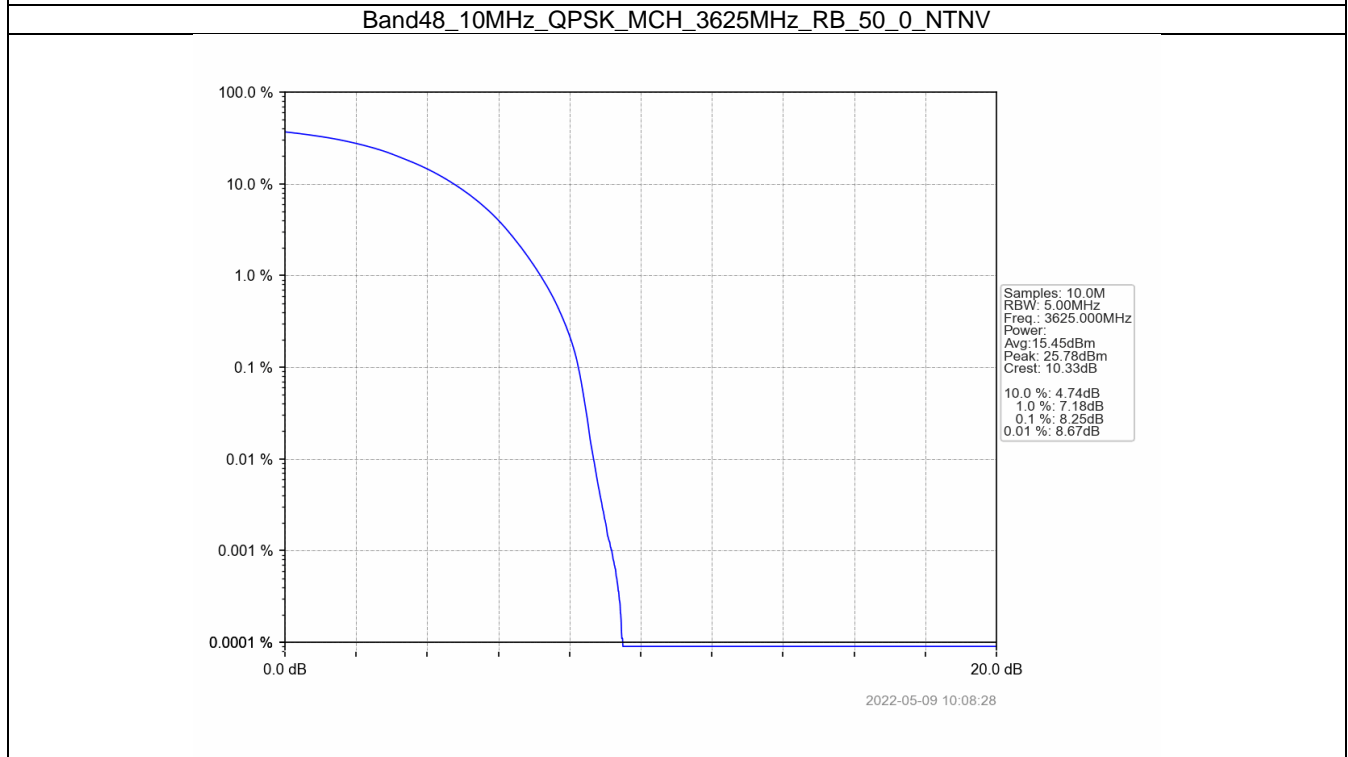
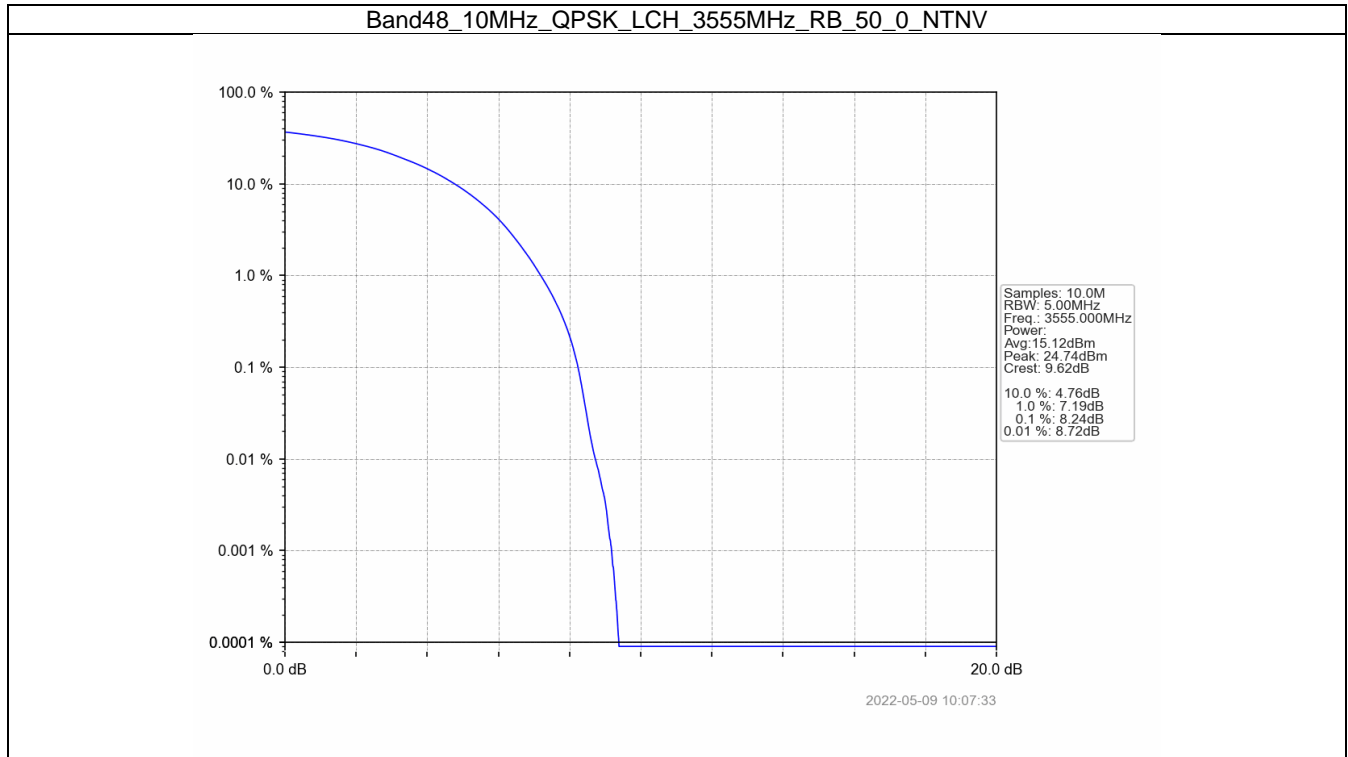
2022-05-09 10:07:02

## 1.2 B48\_10MHz

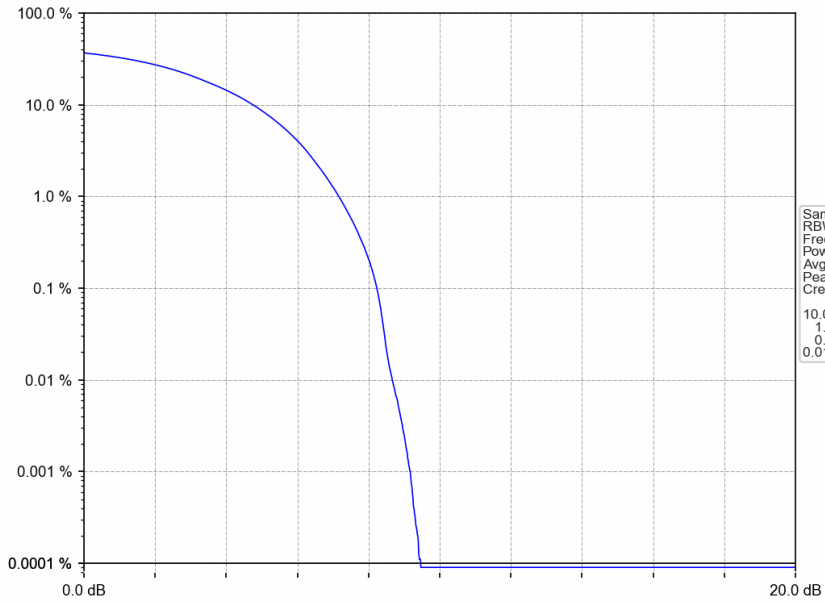
### 1.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	50	0	8.24	<=13	Pass
	3625	50	0	8.25	<=13	Pass
	3695	50	0	8.23	<=13	Pass
16QAM	3555	50	0	8.83	<=13	Pass
	3625	50	0	8.82	<=13	Pass
	3695	50	0	8.87	<=13	Pass

## 1.2.2 Test Graph

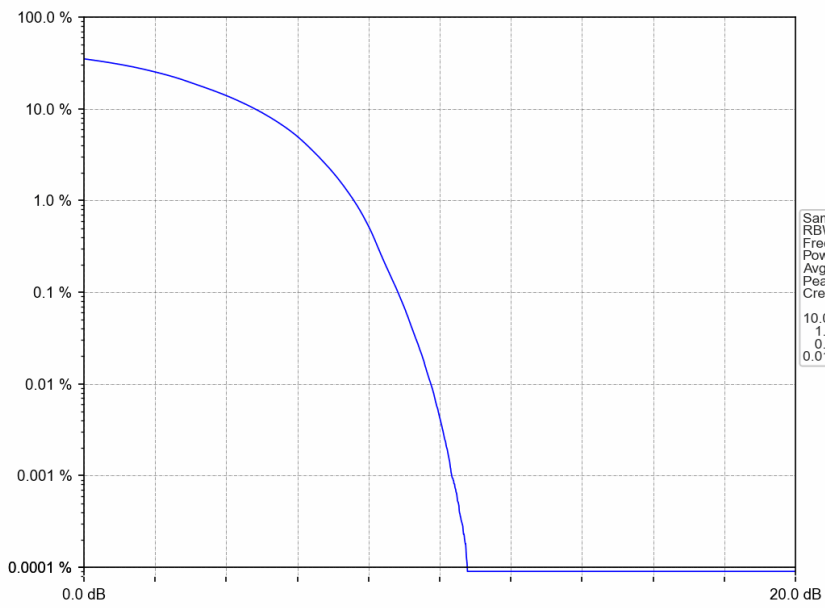


Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_50\_0\_NTNV



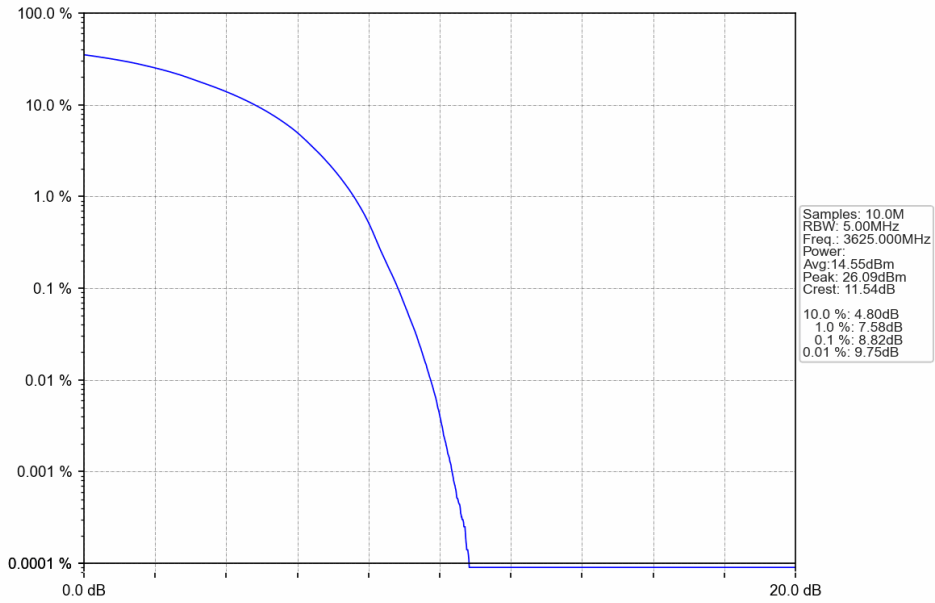
2022-05-09 10:09:22

Band48\_10MHz\_16QAM\_LCH\_3555MHz\_RB\_50\_0\_NTNV



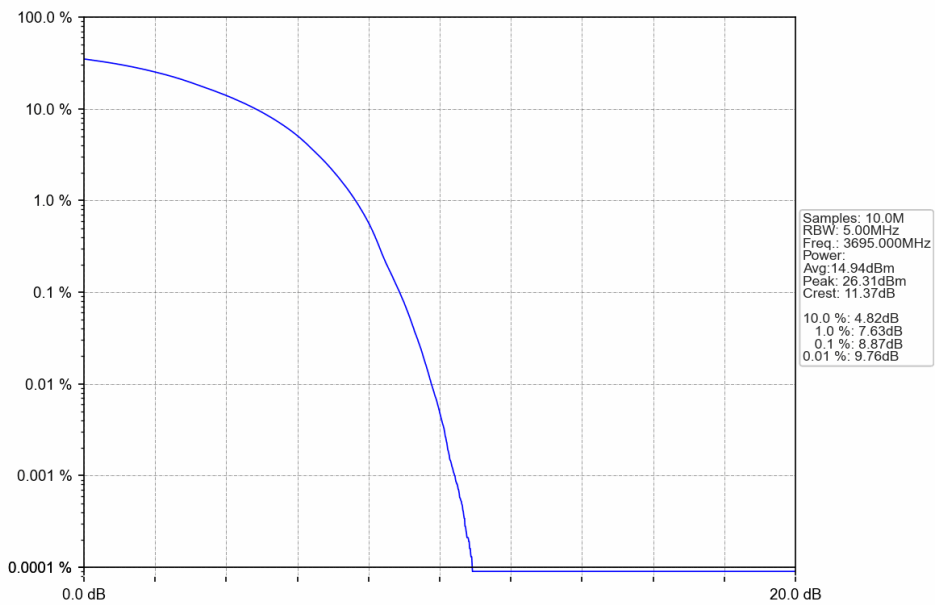
2022-05-09 10:08:02

Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



2022-05-09 10:08:57

Band48\_10MHz\_16QAM\_HCH\_3695MHz\_RB\_50\_0\_NTNV



2022-05-09 10:09:52

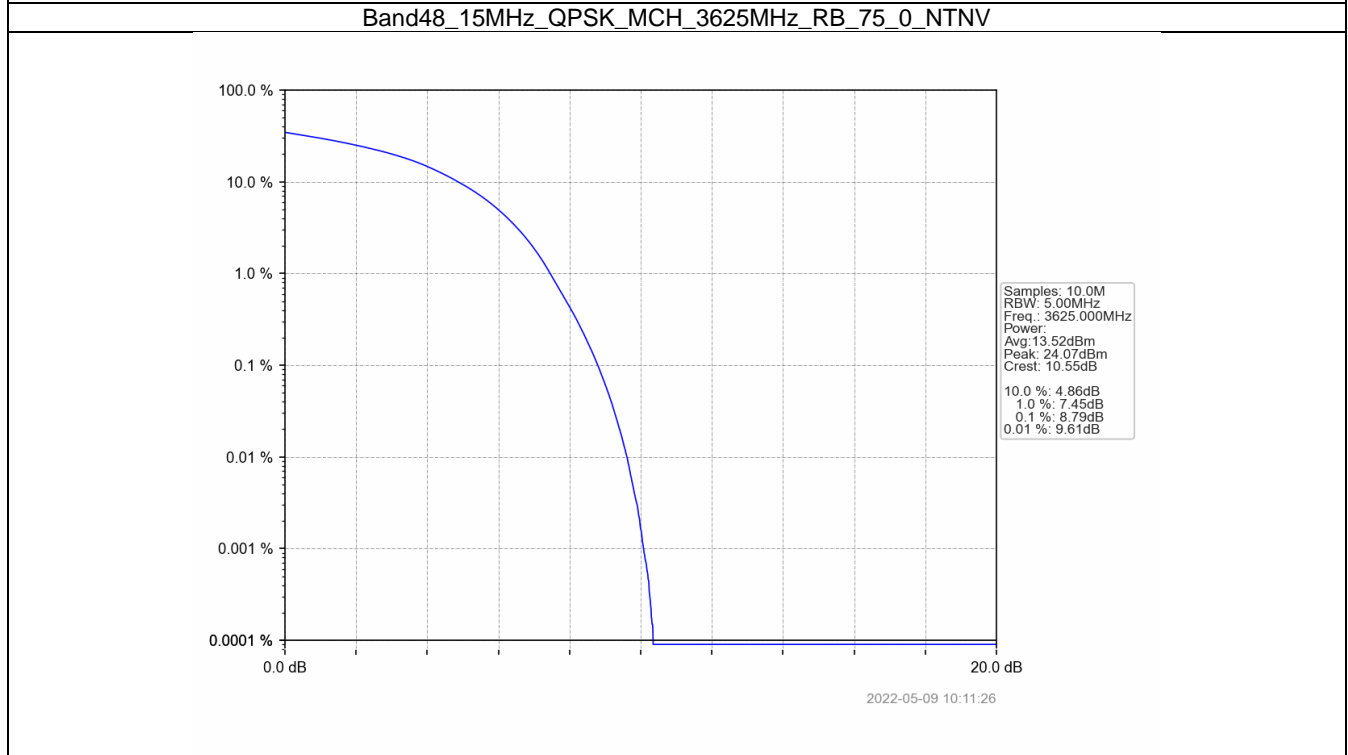
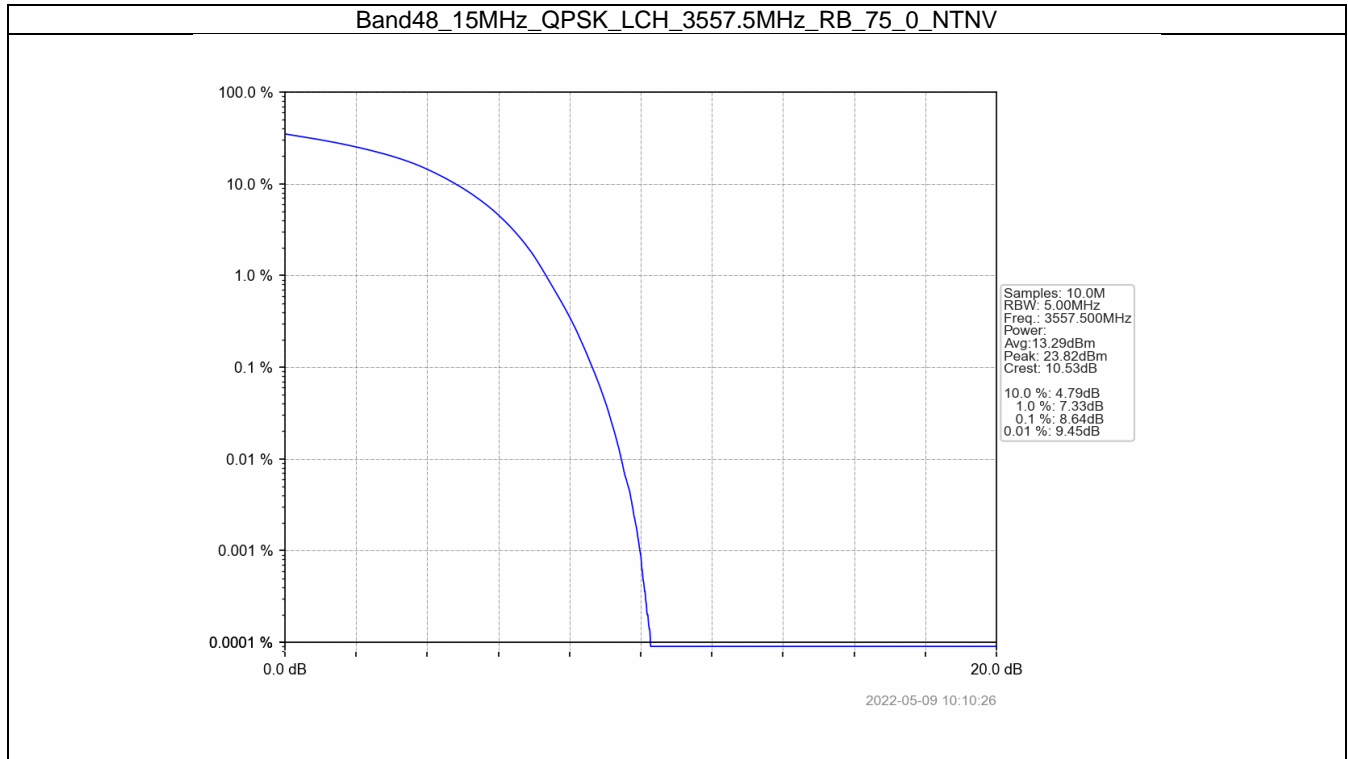


### 1.3 B48\_15MHz

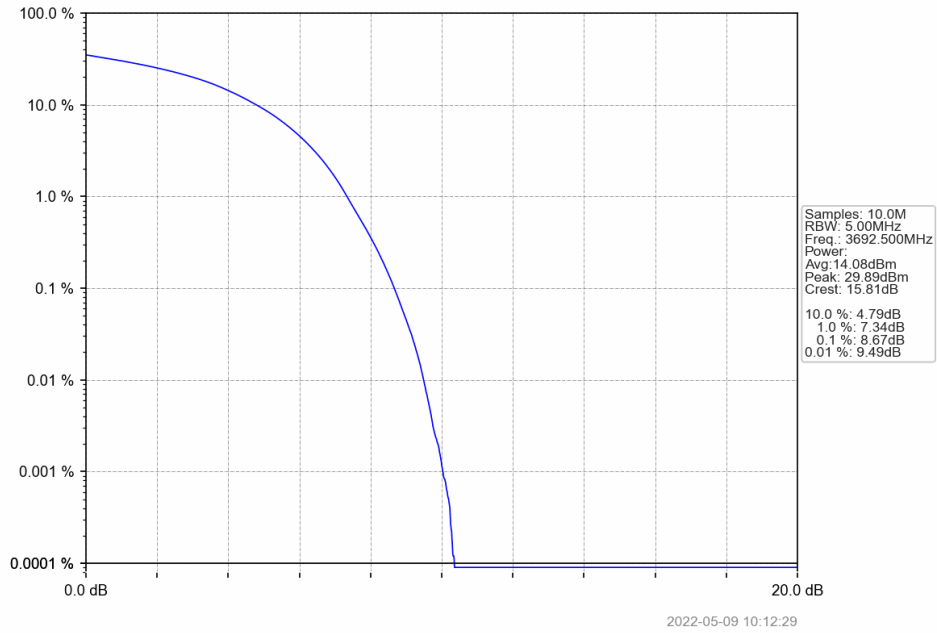
#### 1.3.1 Test Result

Band: 48 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	75	0	8.64	<=13	Pass
	3625	75	0	8.79	<=13	Pass
	3692.5	75	0	8.67	<=13	Pass
16QAM	3557.5	75	0	9.34	<=13	Pass
	3625	75	0	9.31	<=13	Pass
	3692.5	75	0	9.35	<=13	Pass

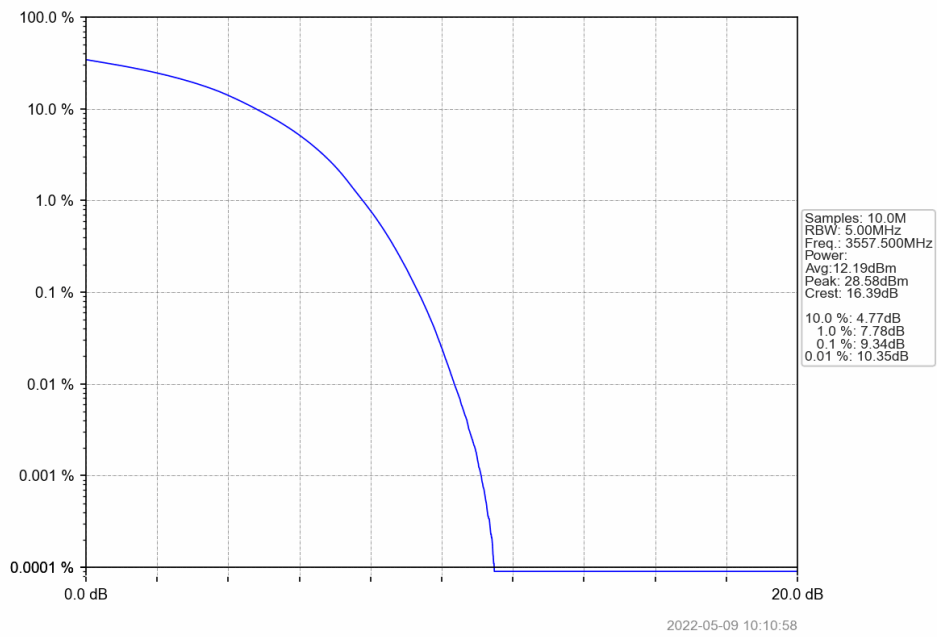
### 1.3.2 Test Graph



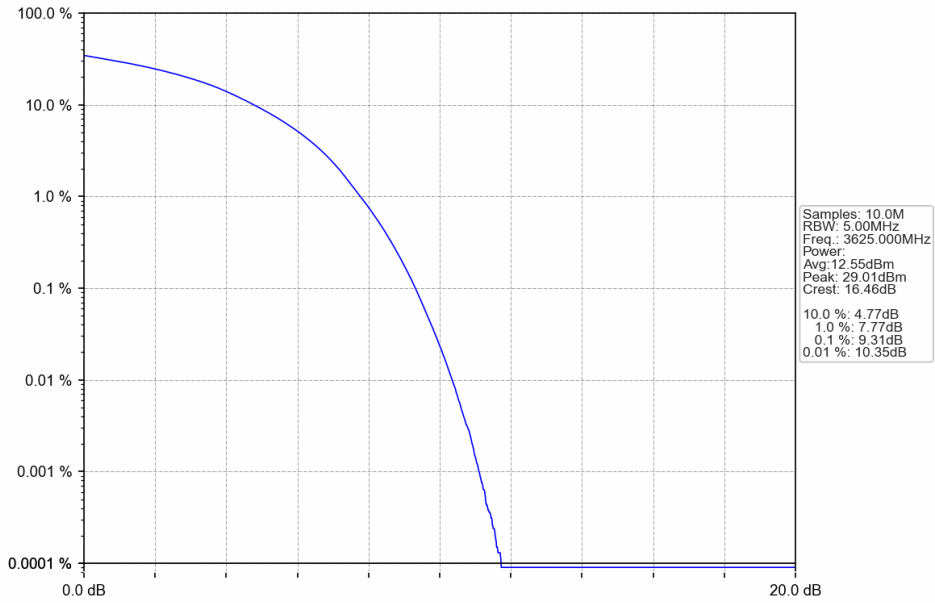
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV

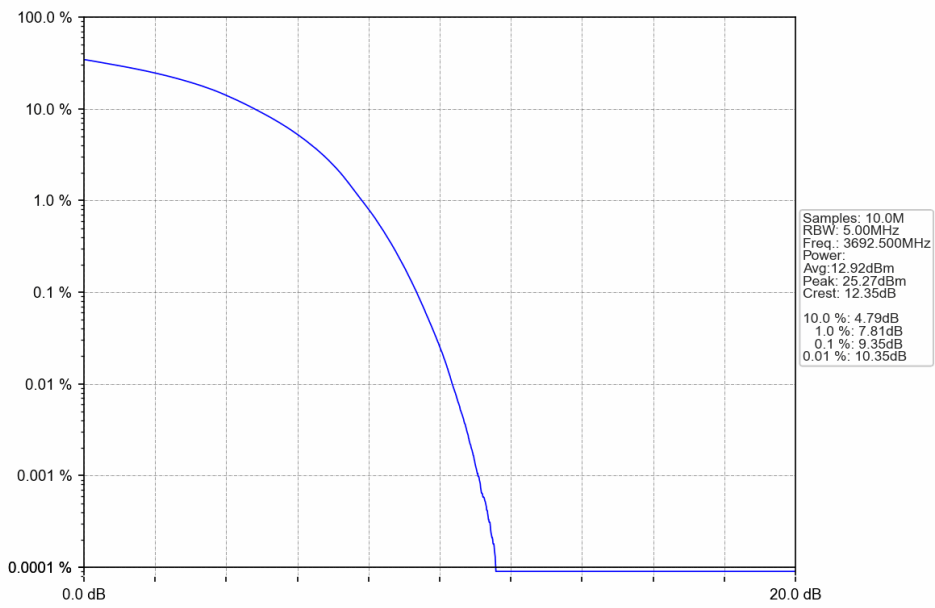


Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



2022-05-09 10:11:58

Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



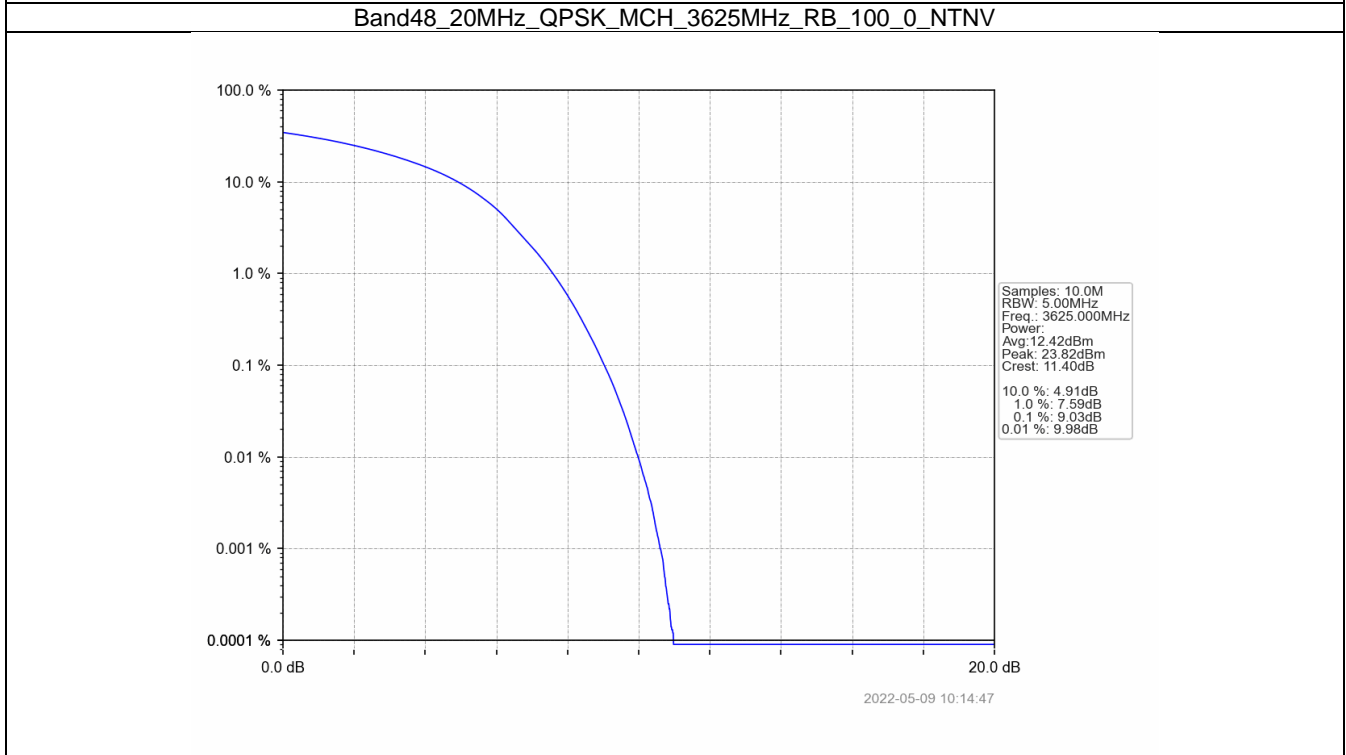
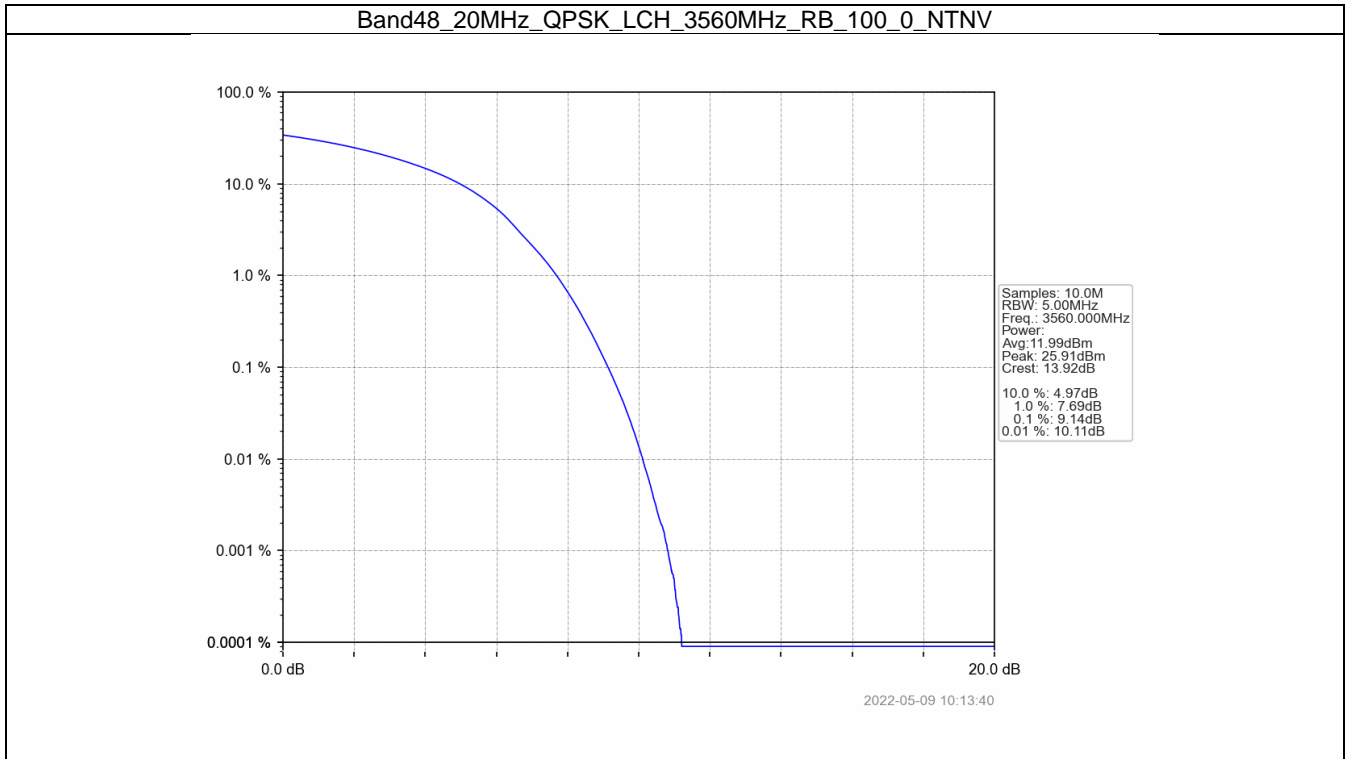
2022-05-09 10:13:02

## 1.4 B48\_20MHz

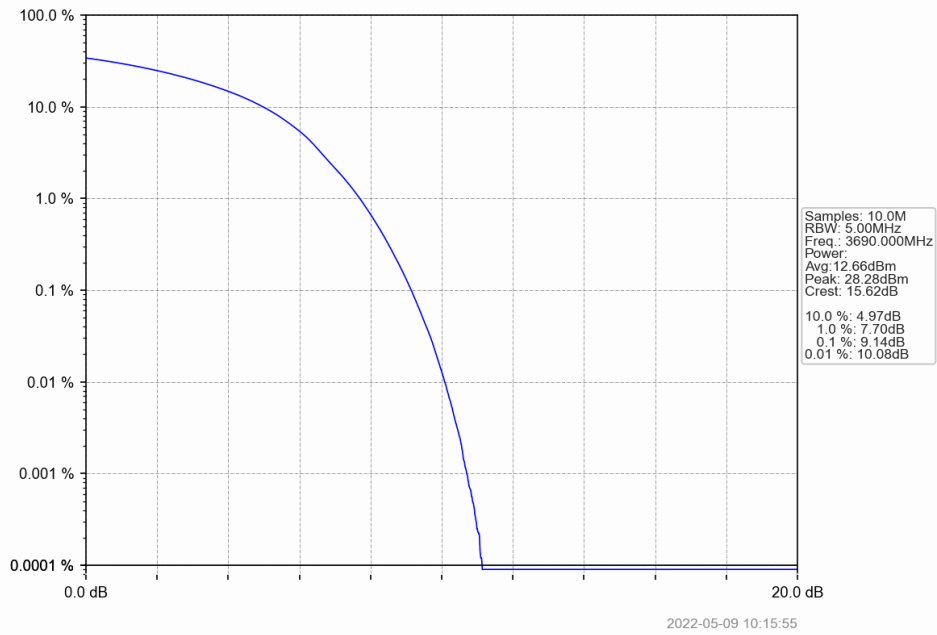
### 1.4.1 Test Result

Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	100	0	9.14	<=13	Pass
	3625	100	0	9.03	<=13	Pass
	3690	100	0	9.14	<=13	Pass
16QAM	3560	100	0	9.62	<=13	Pass
	3625	100	0	9.54	<=13	Pass
	3690	100	0	9.41	<=13	Pass

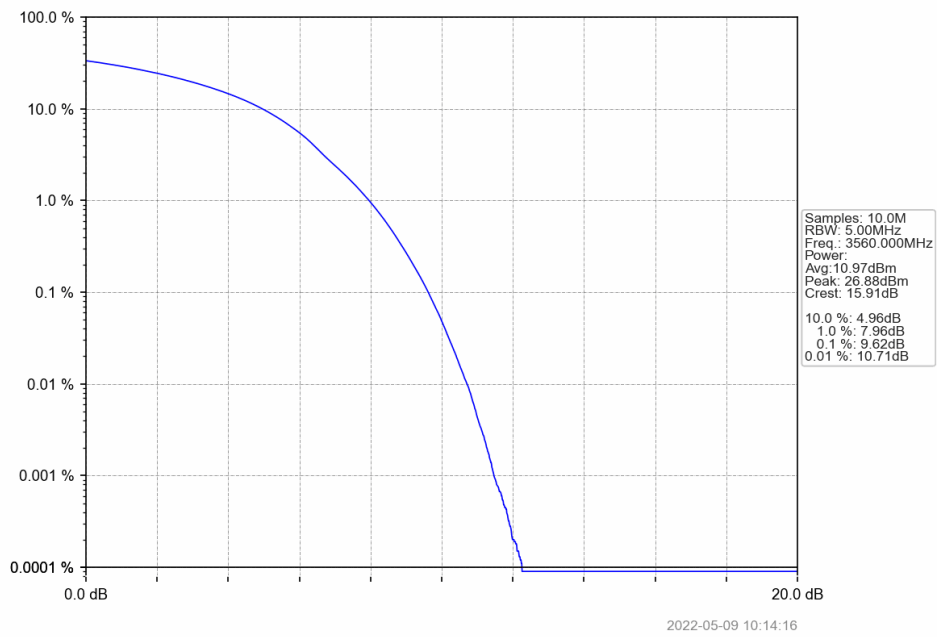
# 1.4.2 Test Graph



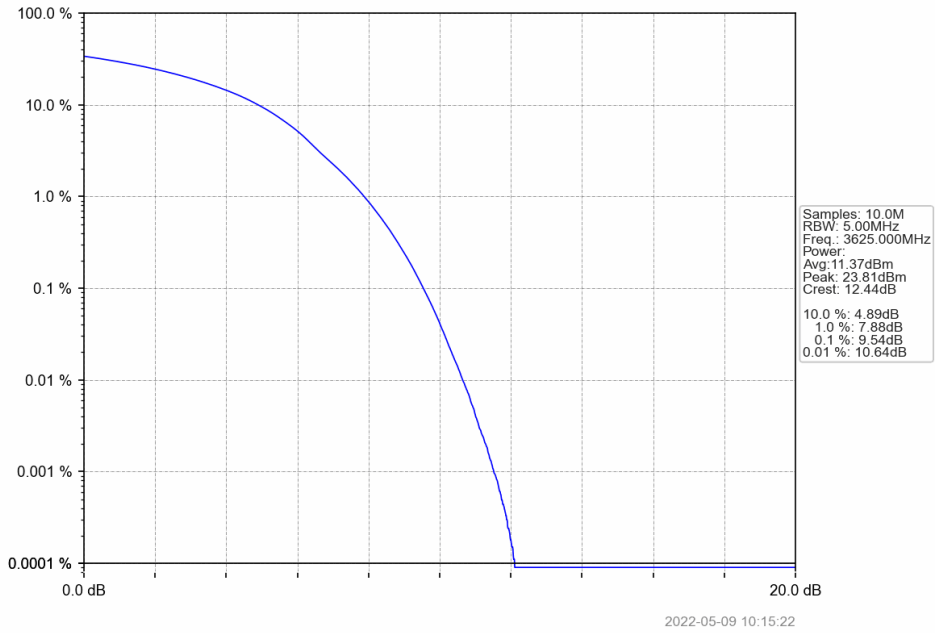
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_100\_0\_NTNV



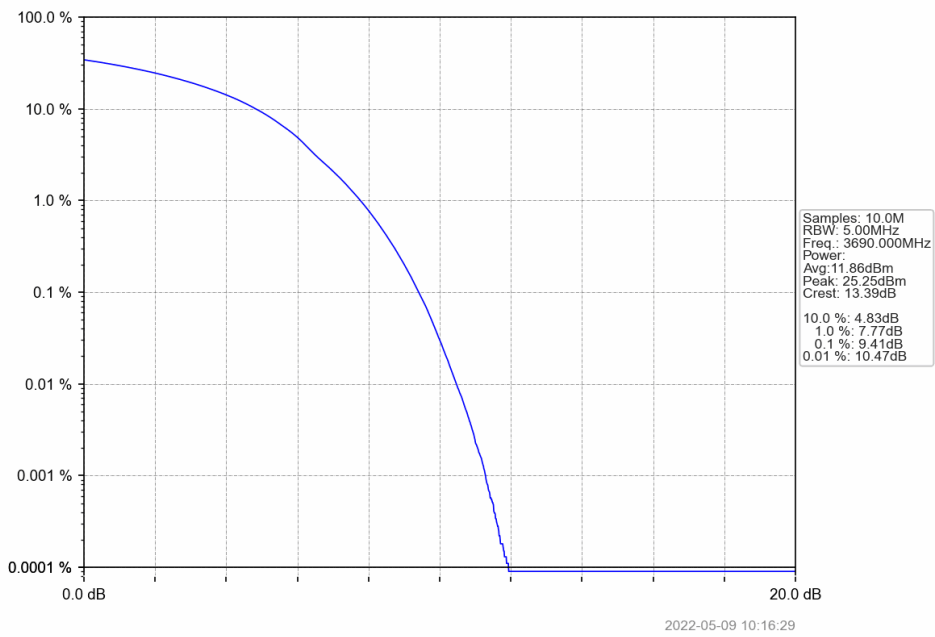
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_100\_0\_NTNV





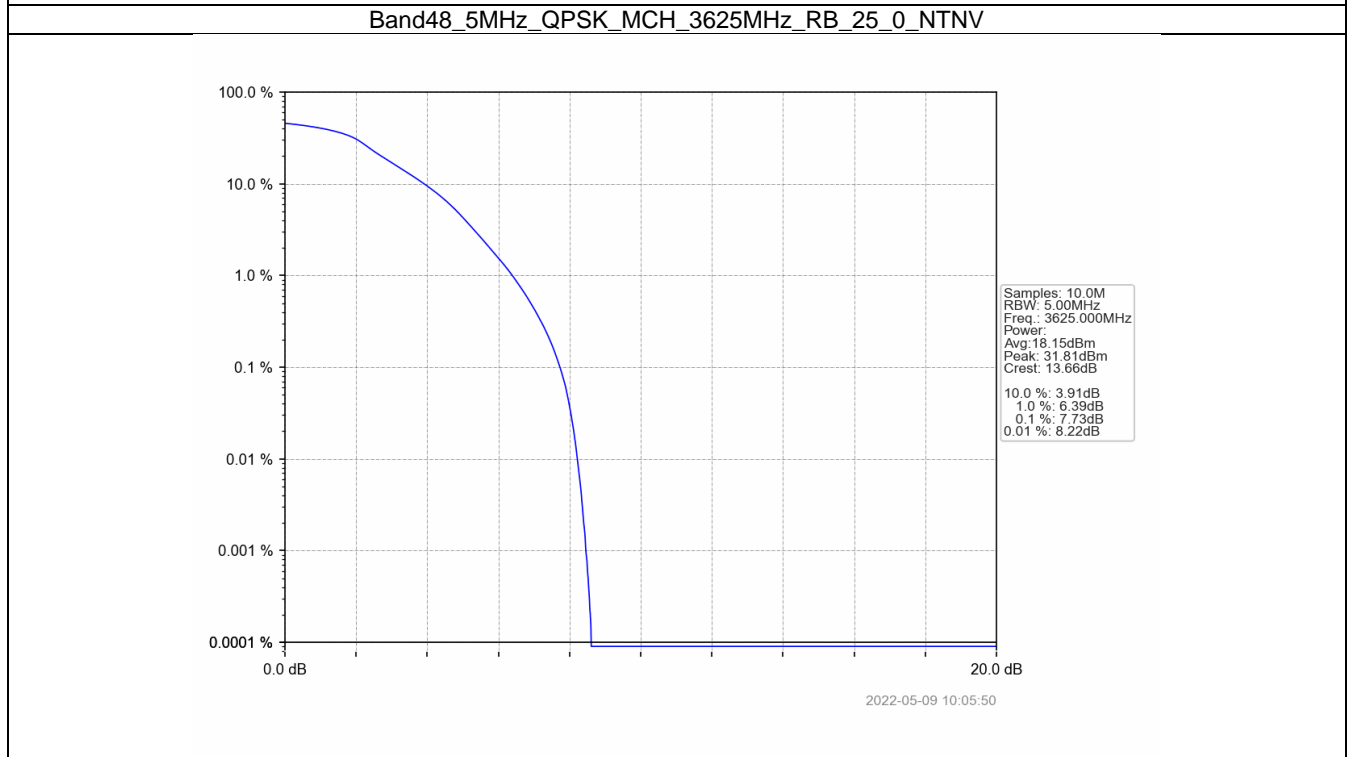
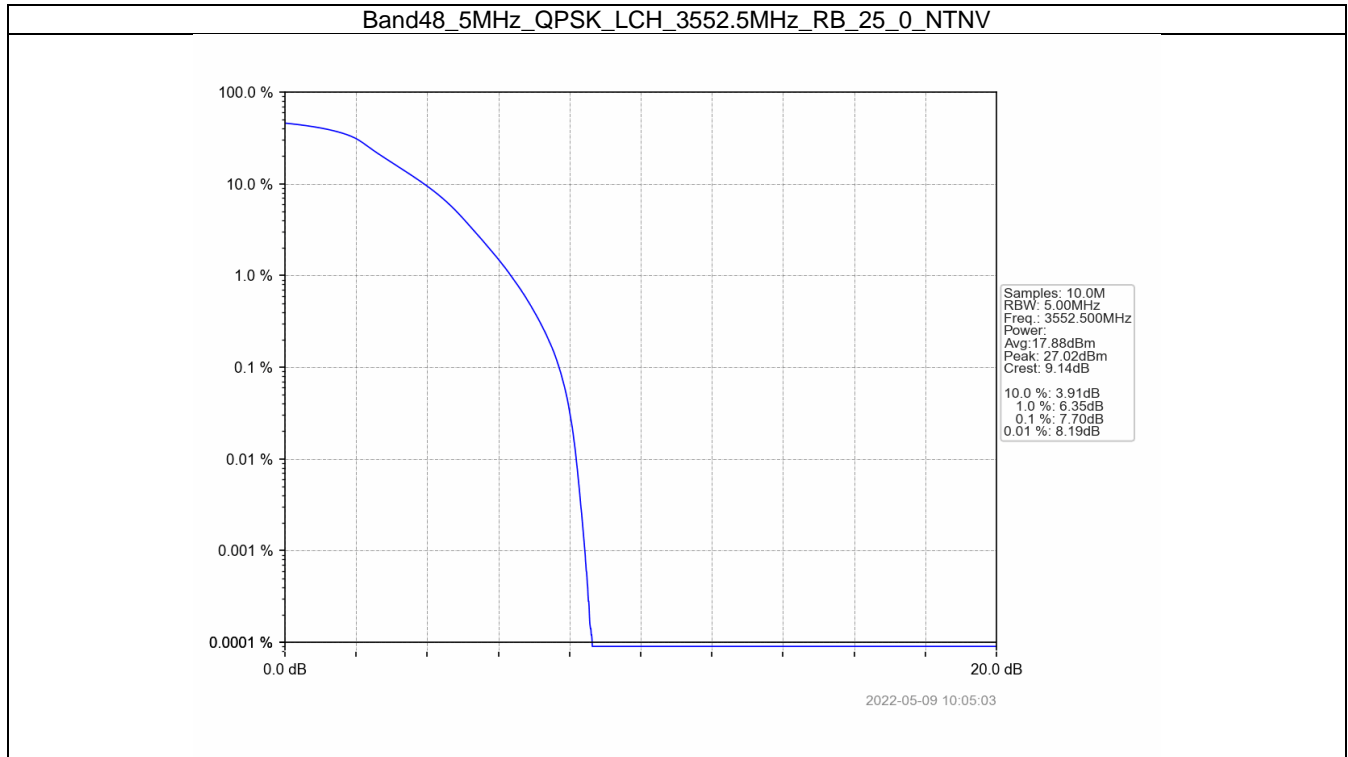
## 5. Peak-Average Ratio

### 5.1 B48\_5MHz

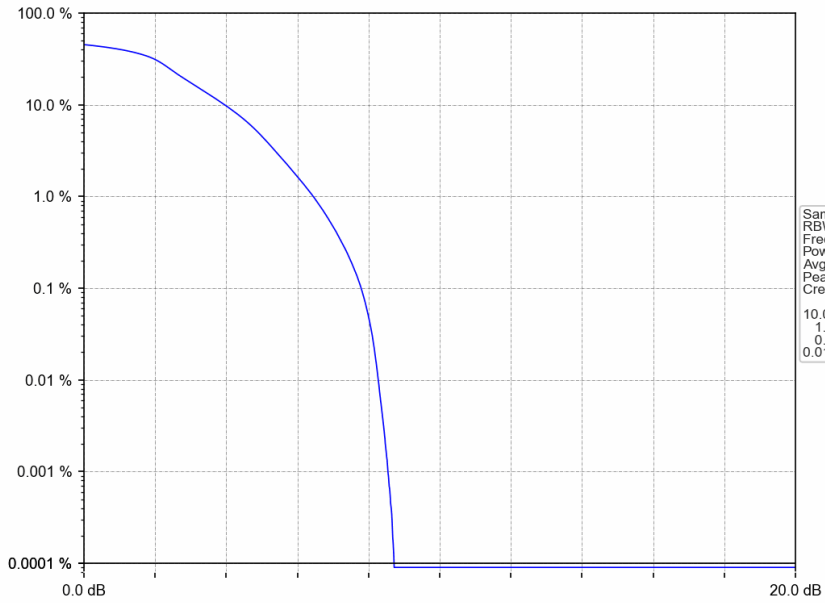
#### 5.1.1 Test Result

Band: 48 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	25	0	7.70	<=13	Pass
	3625	25	0	7.73	<=13	Pass
	3697.5	25	0	7.79	<=13	Pass
16QAM	3552.5	25	0	8.46	<=13	Pass
	3625	25	0	8.52	<=13	Pass
	3697.5	25	0	8.55	<=13	Pass

### 5.1.2 Test Graph

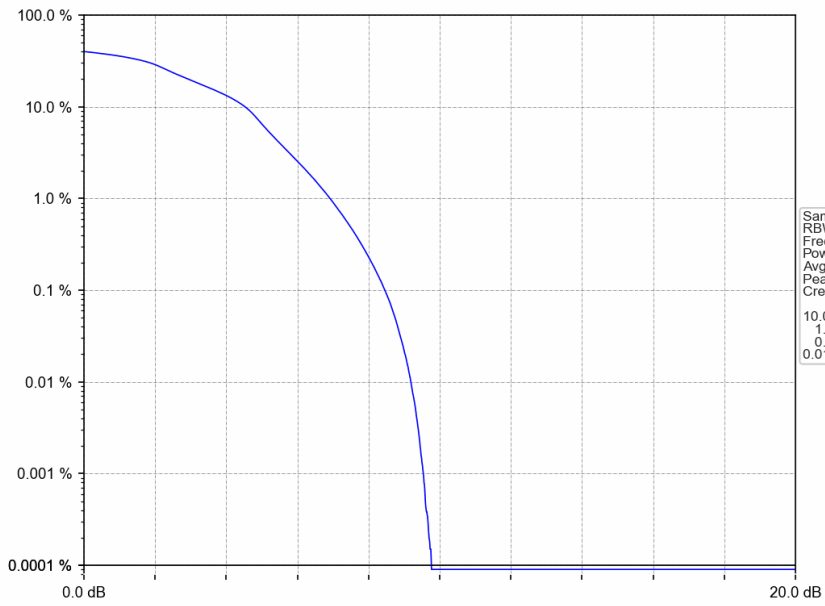


Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



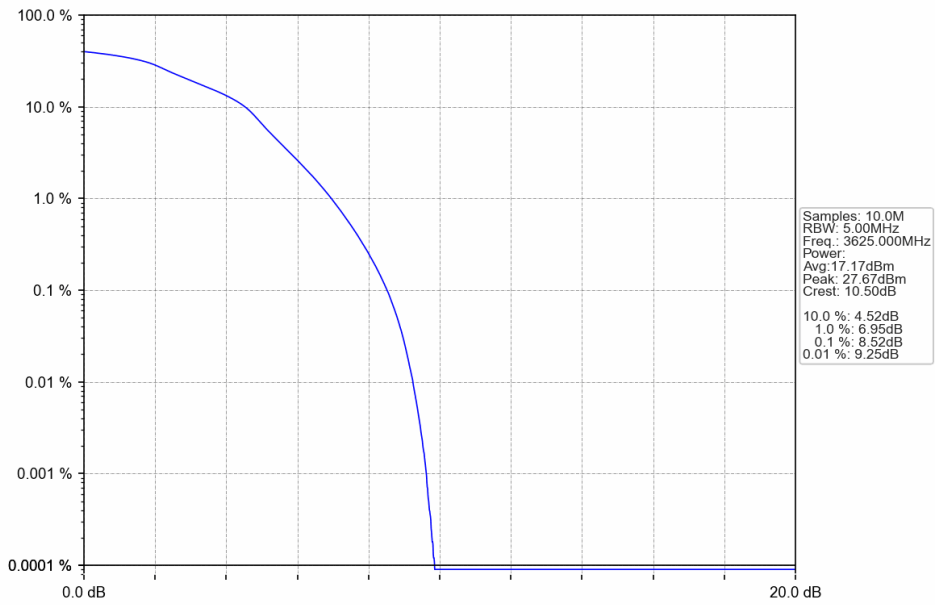
2022-05-09 10:06:38

Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV



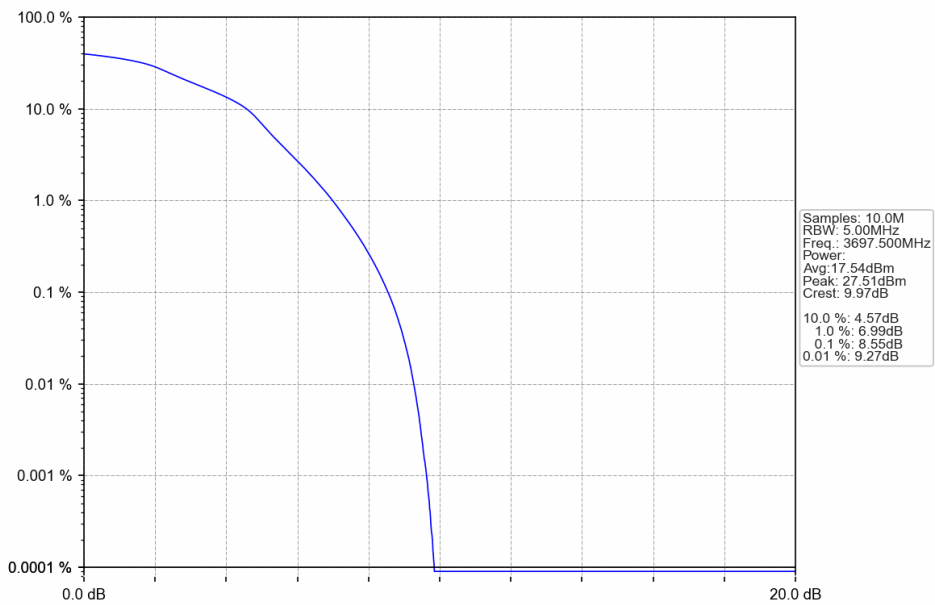
2022-05-09 10:05:27

Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV



2022-05-09 10:06:15

Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



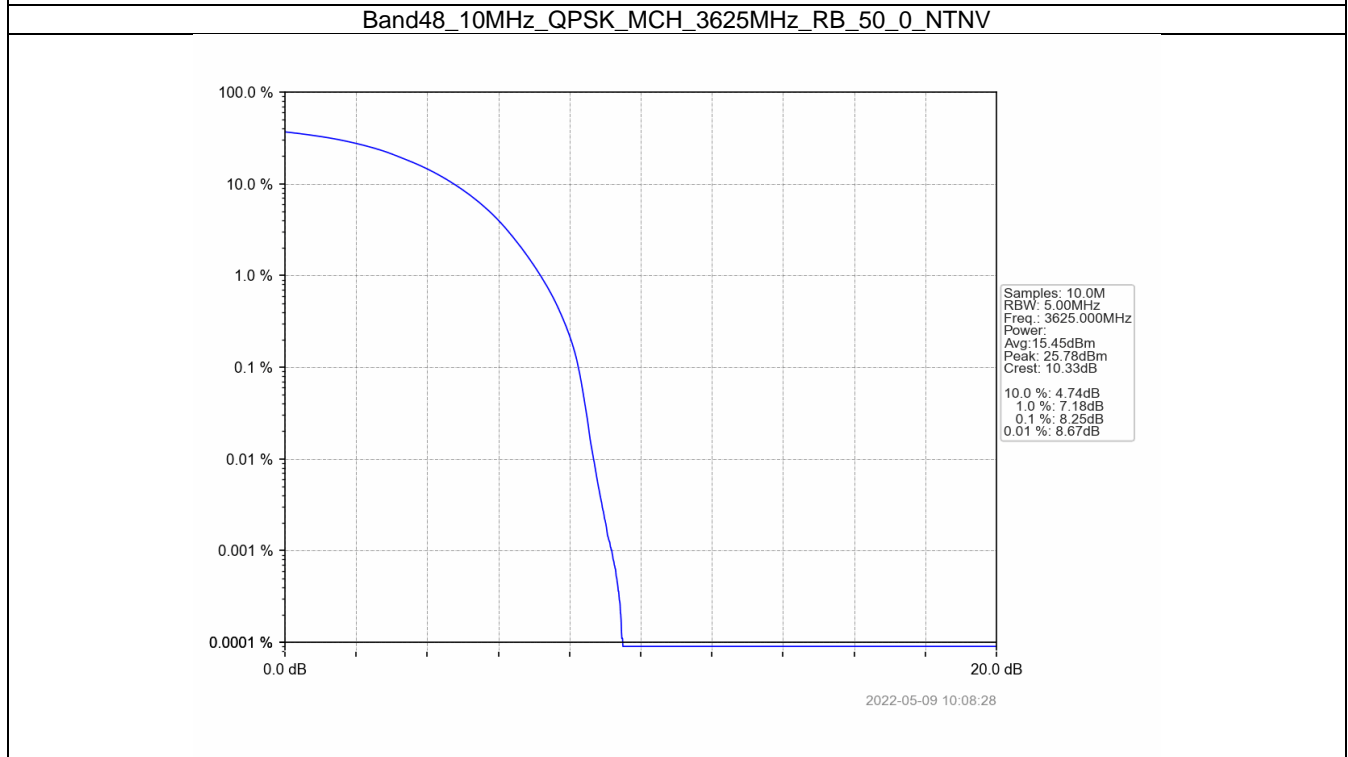
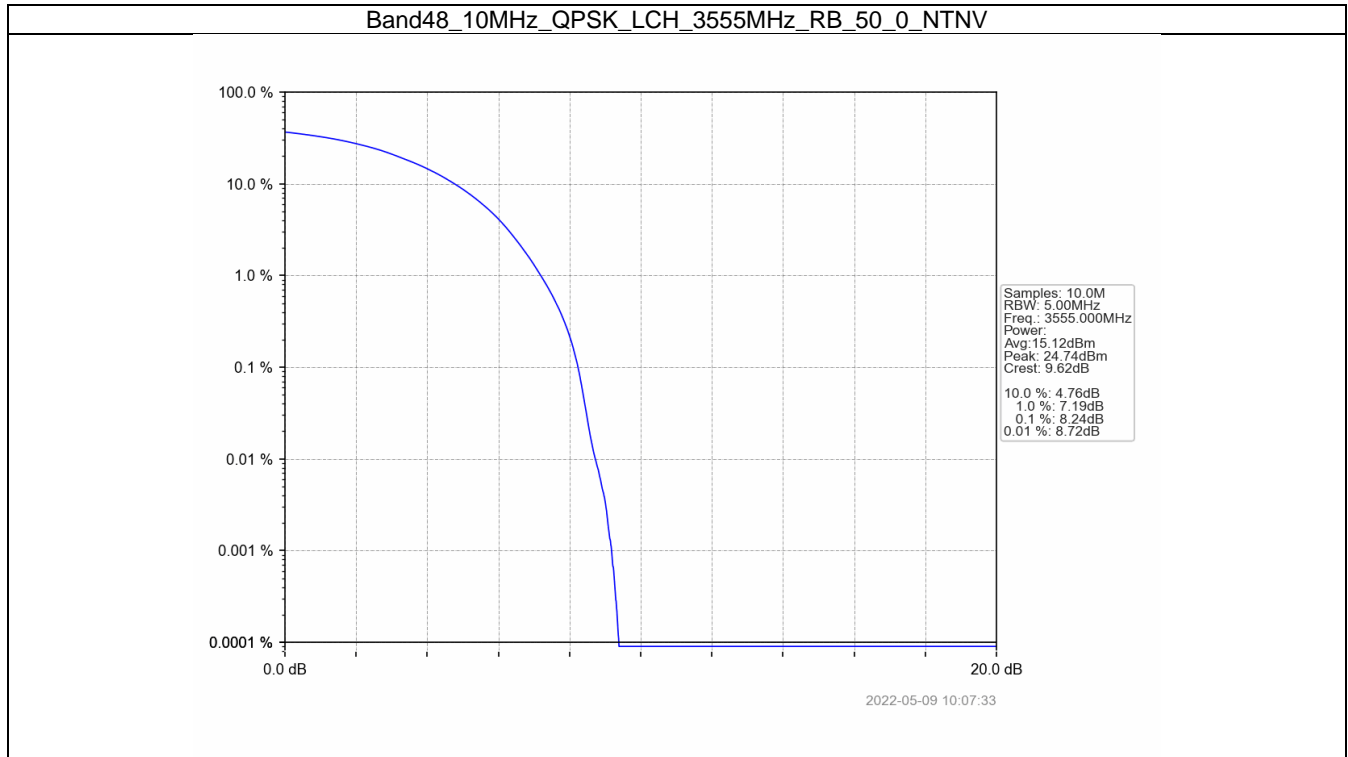
2022-05-09 10:07:02

## 5.2 B48\_10MHz

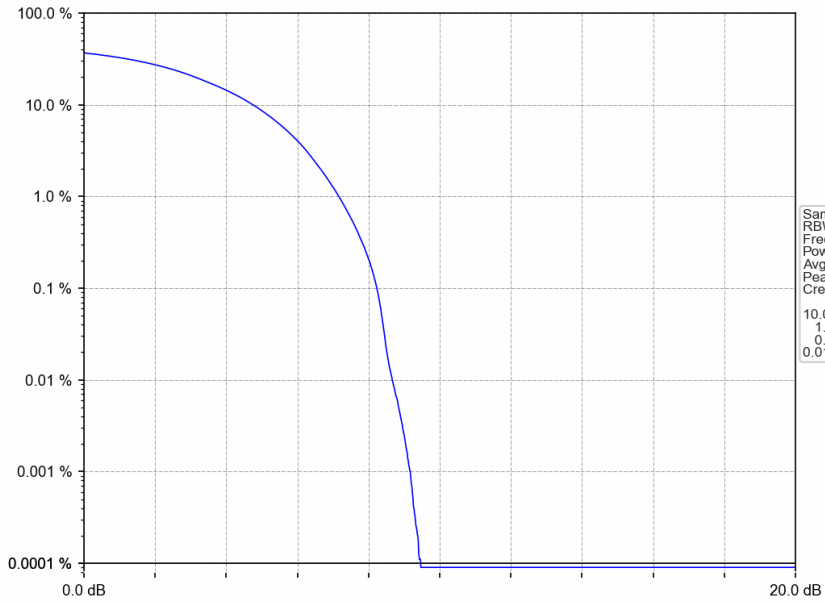
### 5.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	50	0	8.24	<=13	Pass
	3625	50	0	8.25	<=13	Pass
	3695	50	0	8.23	<=13	Pass
16QAM	3555	50	0	8.83	<=13	Pass
	3625	50	0	8.82	<=13	Pass
	3695	50	0	8.87	<=13	Pass

## 5.2.2 Test Graph

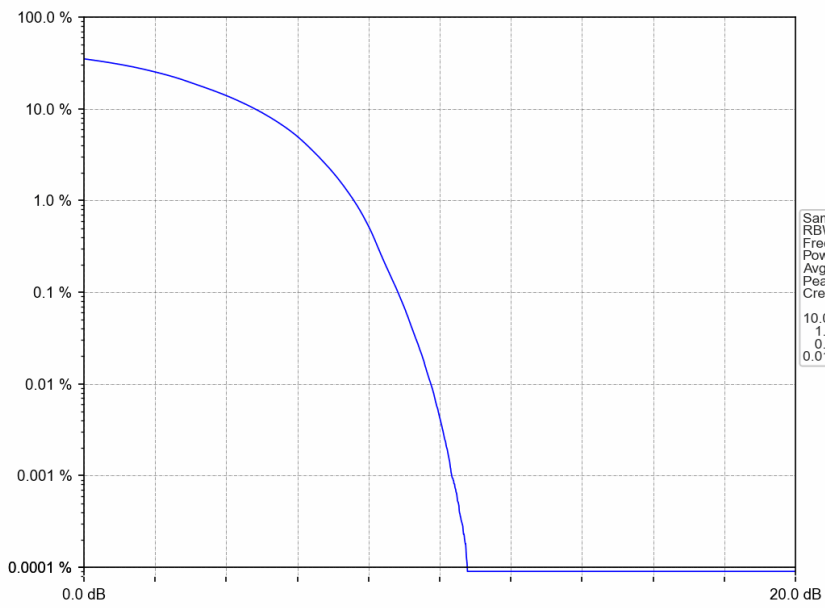


Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_50\_0\_NTNV



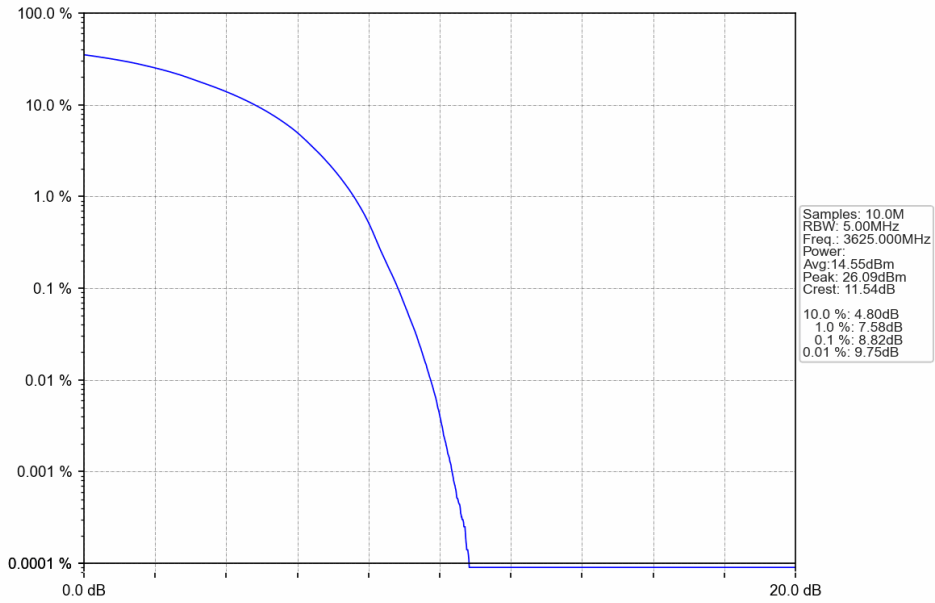
2022-05-09 10:09:22

Band48\_10MHz\_16QAM\_LCH\_3555MHz\_RB\_50\_0\_NTNV



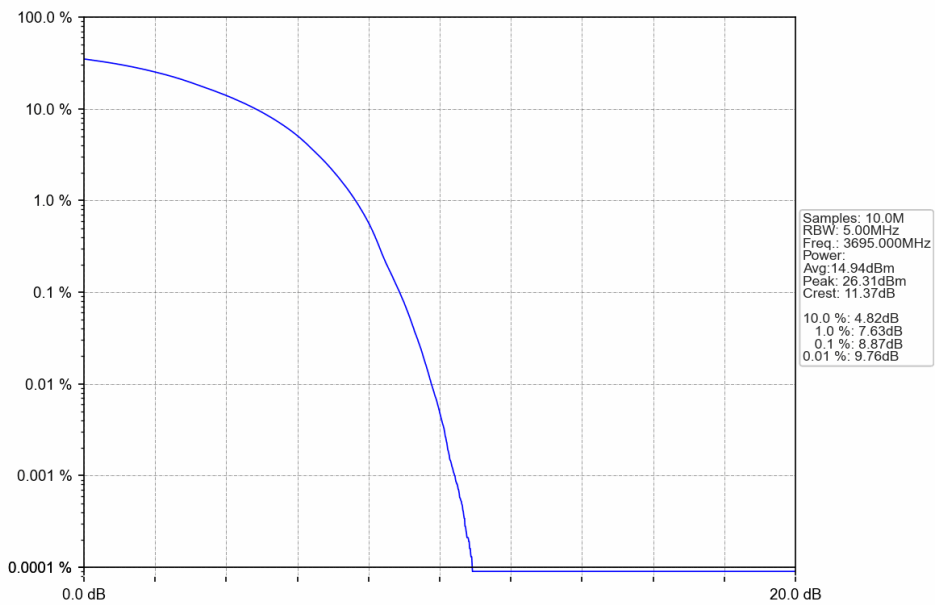
2022-05-09 10:08:02

Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



2022-05-09 10:08:57

Band48\_10MHz\_16QAM\_HCH\_3695MHz\_RB\_50\_0\_NTNV



2022-05-09 10:09:52

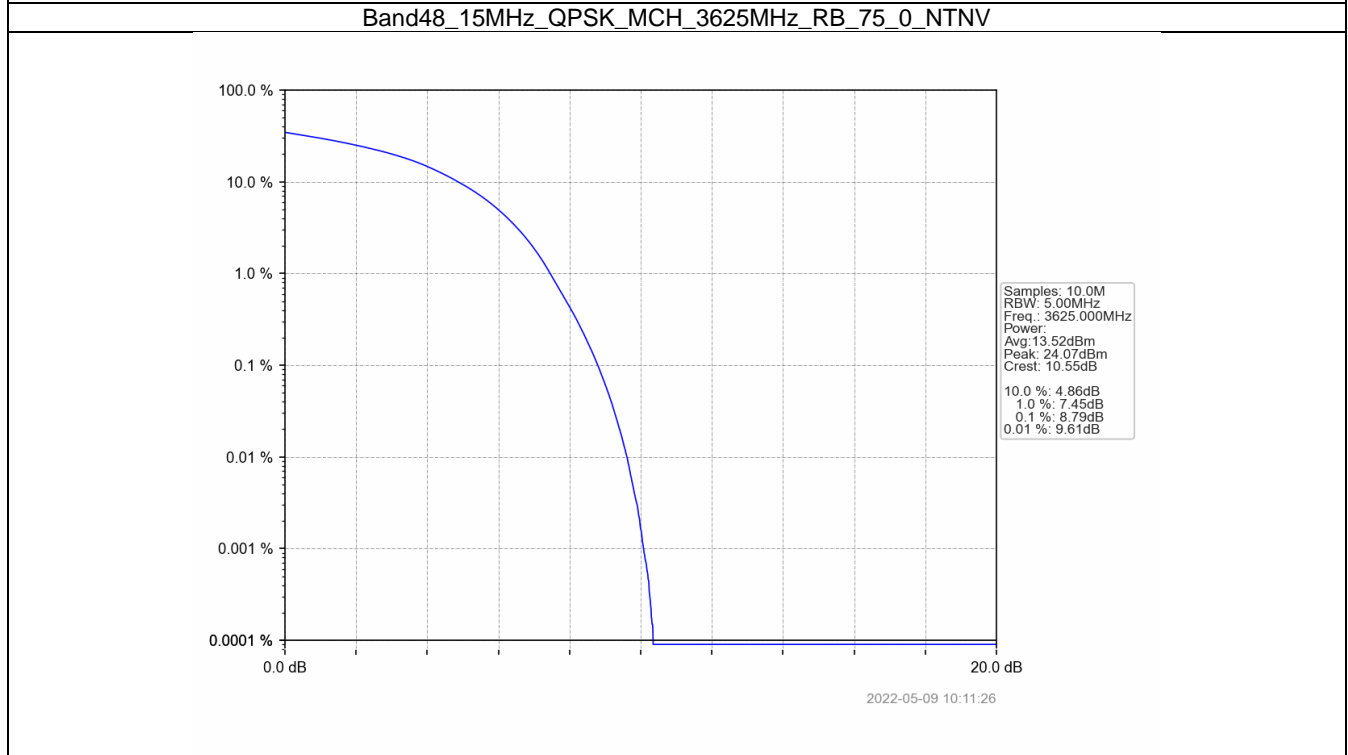
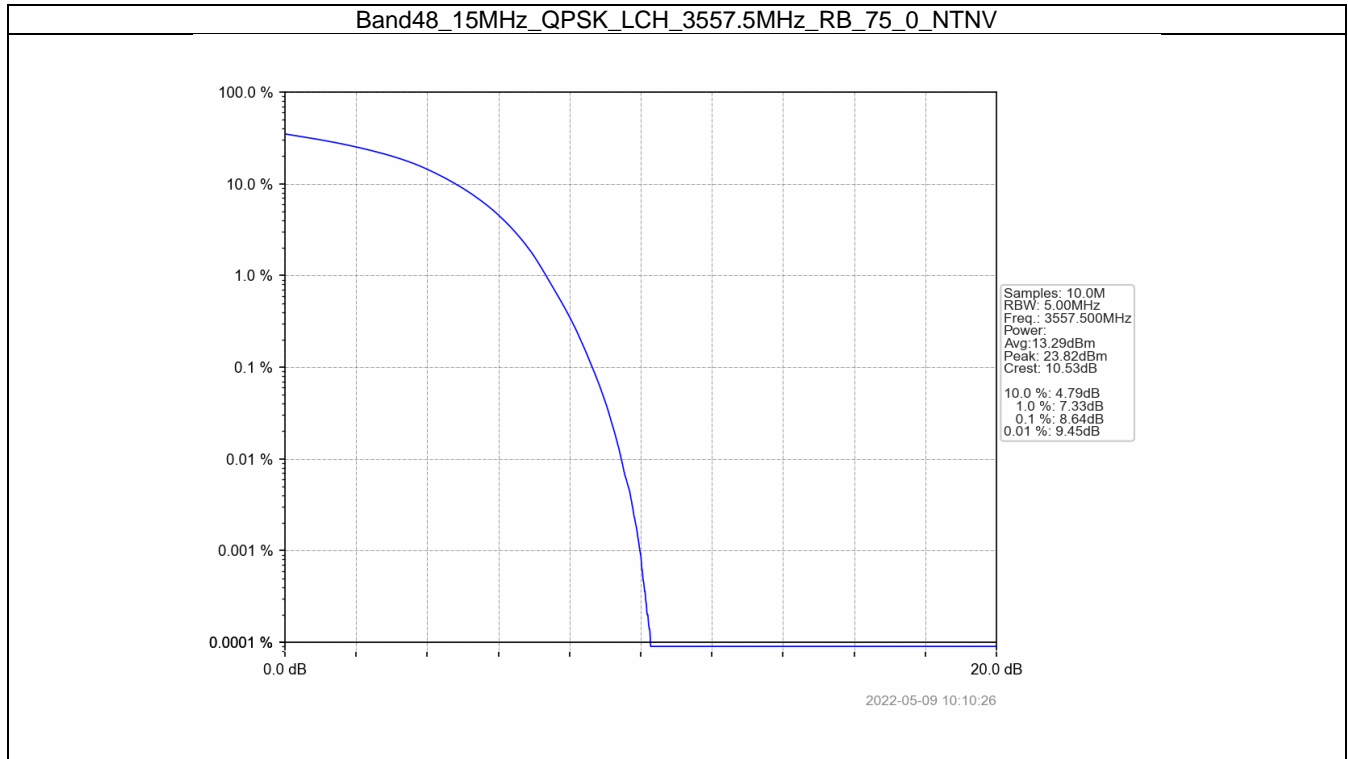


## 5.3 B48\_15MHz

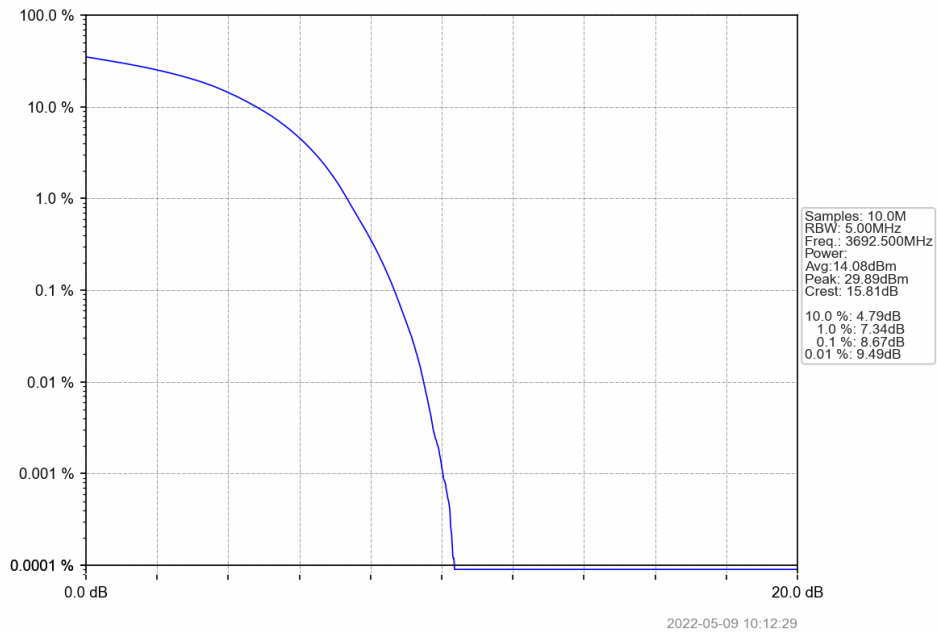
### 5.3.1 Test Result

Band: 48 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	75	0	8.64	<=13	Pass
	3625	75	0	8.79	<=13	Pass
	3692.5	75	0	8.67	<=13	Pass
16QAM	3557.5	75	0	9.34	<=13	Pass
	3625	75	0	9.31	<=13	Pass
	3692.5	75	0	9.35	<=13	Pass

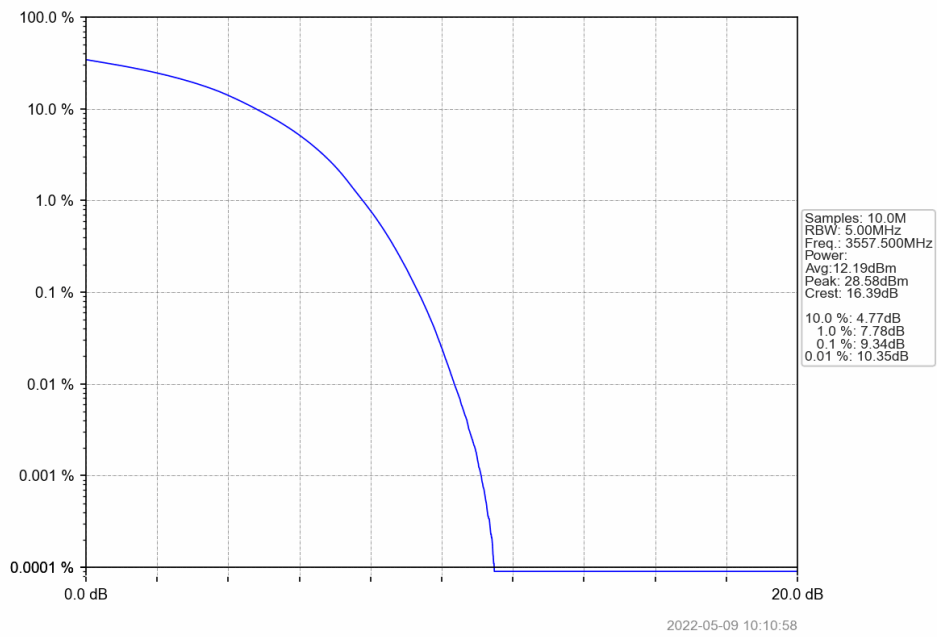
### 5.3.2 Test Graph



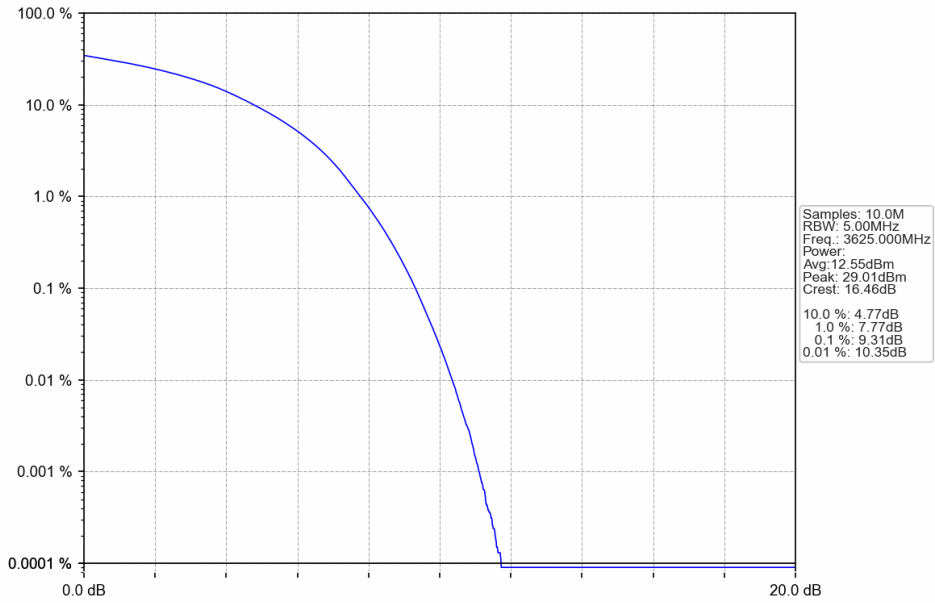
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV

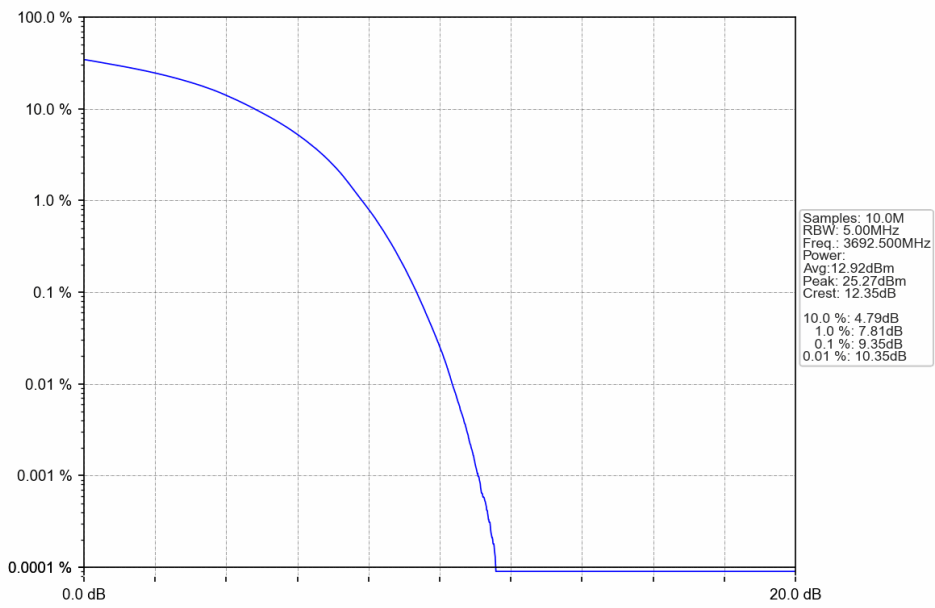


Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



2022-05-09 10:11:58

Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



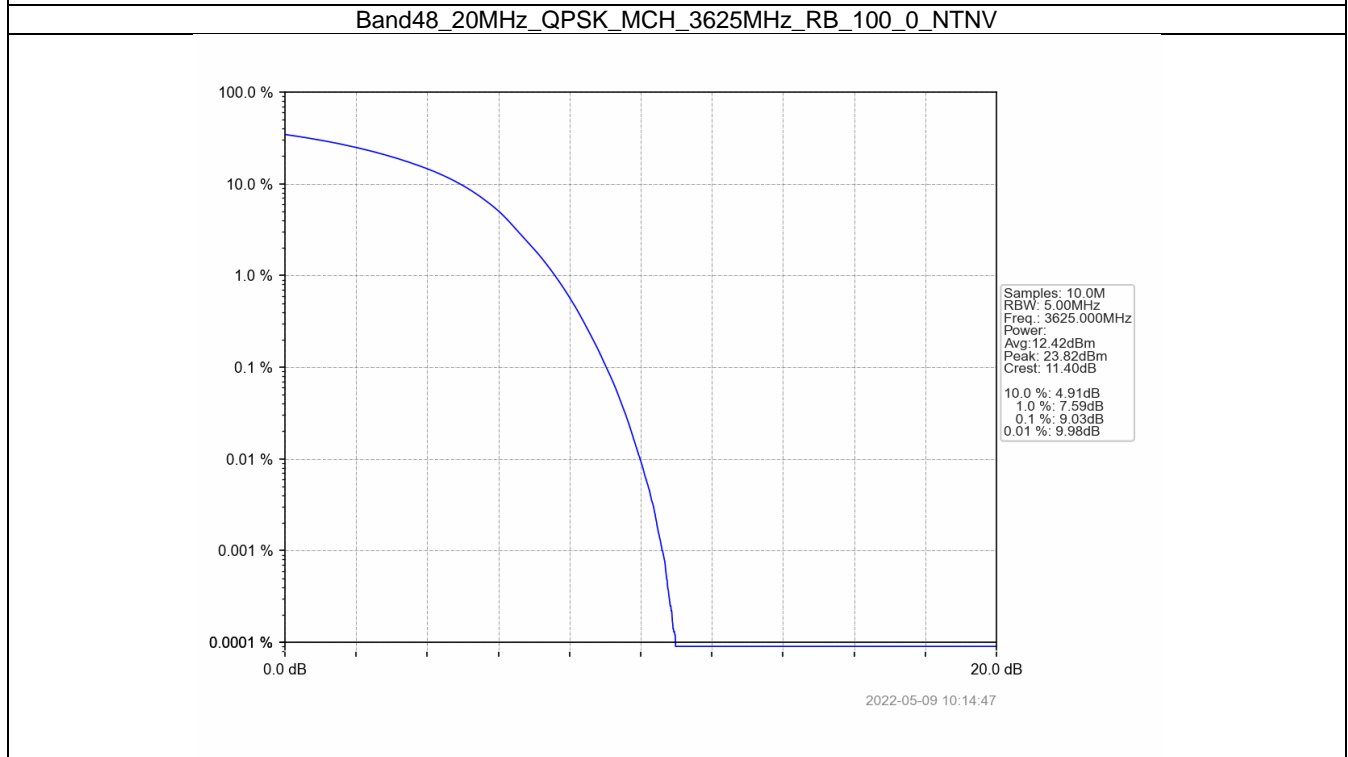
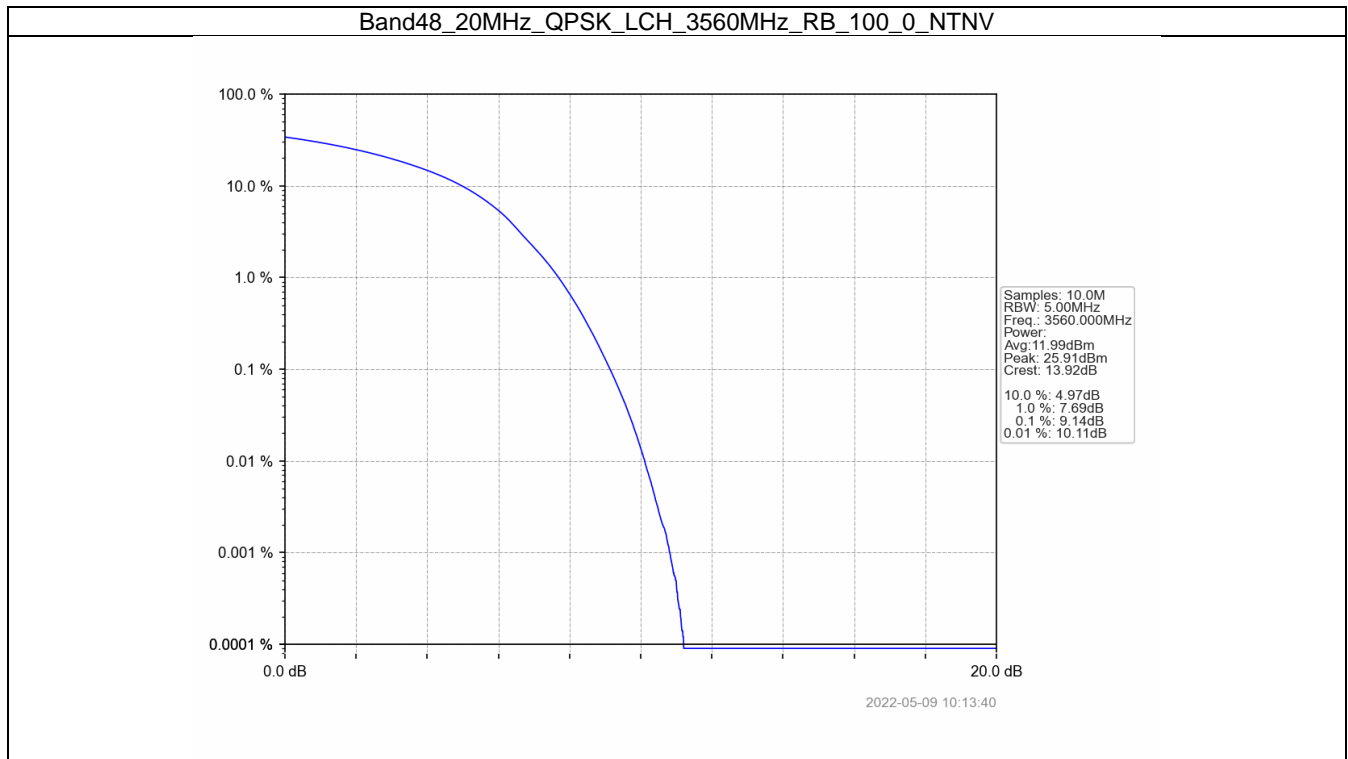
2022-05-09 10:13:02

## 5.4 B48\_20MHz

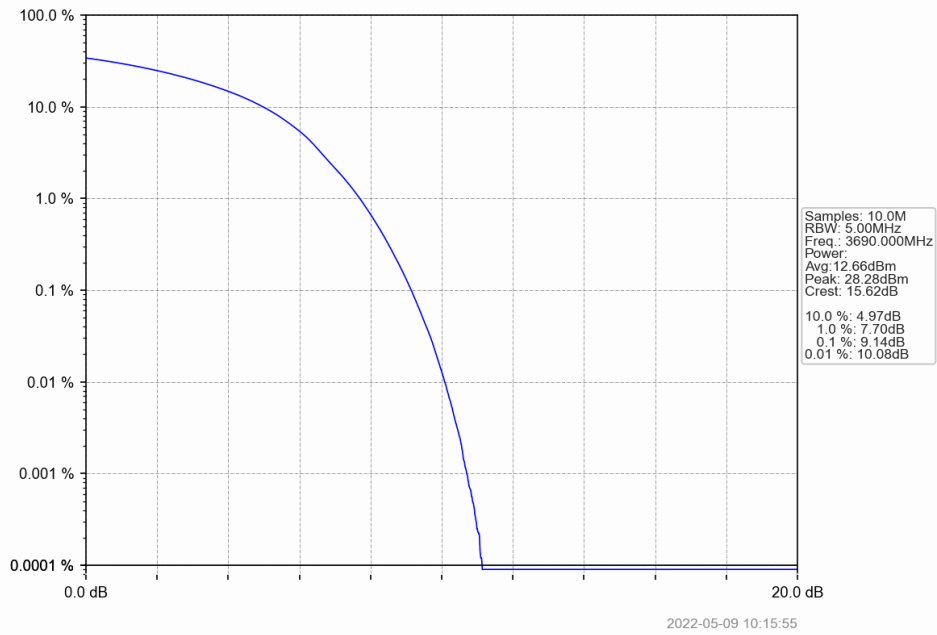
### 5.4.1 Test Result

Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	100	0	9.14	<=13	Pass
	3625	100	0	9.03	<=13	Pass
	3690	100	0	9.14	<=13	Pass
16QAM	3560	100	0	9.62	<=13	Pass
	3625	100	0	9.54	<=13	Pass
	3690	100	0	9.41	<=13	Pass

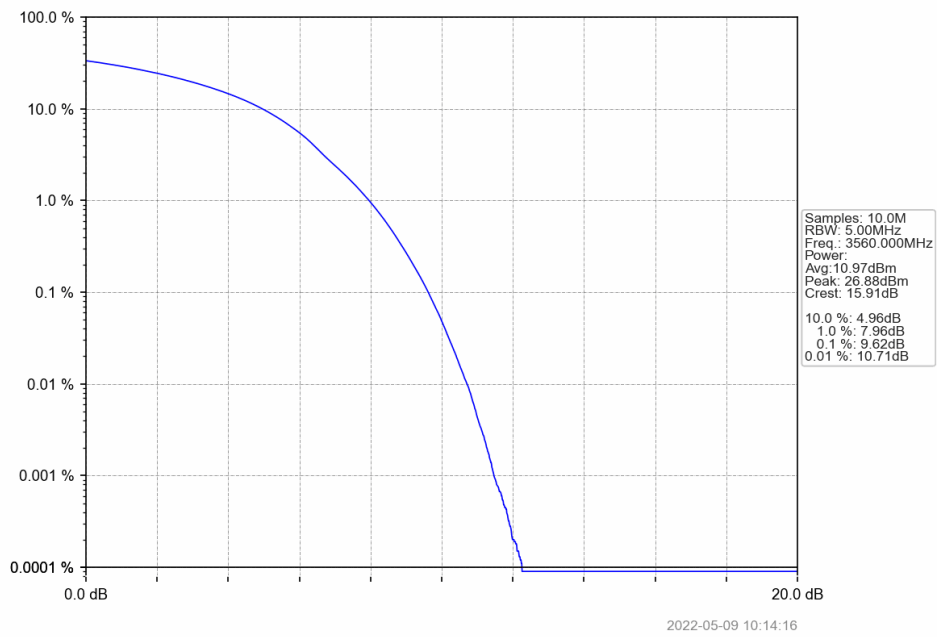
## 5.4.2 Test Graph



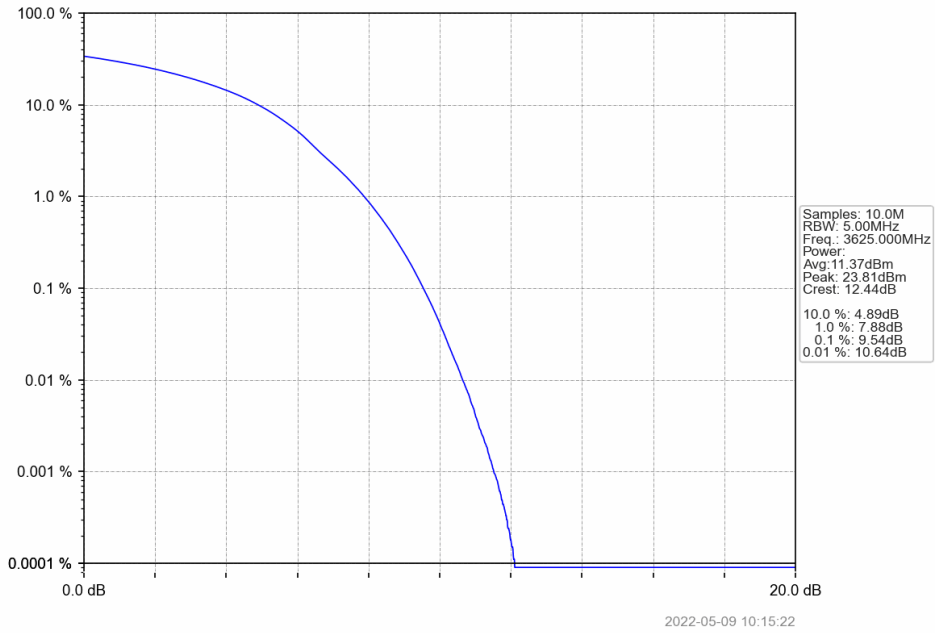
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_100\_0\_NTNV



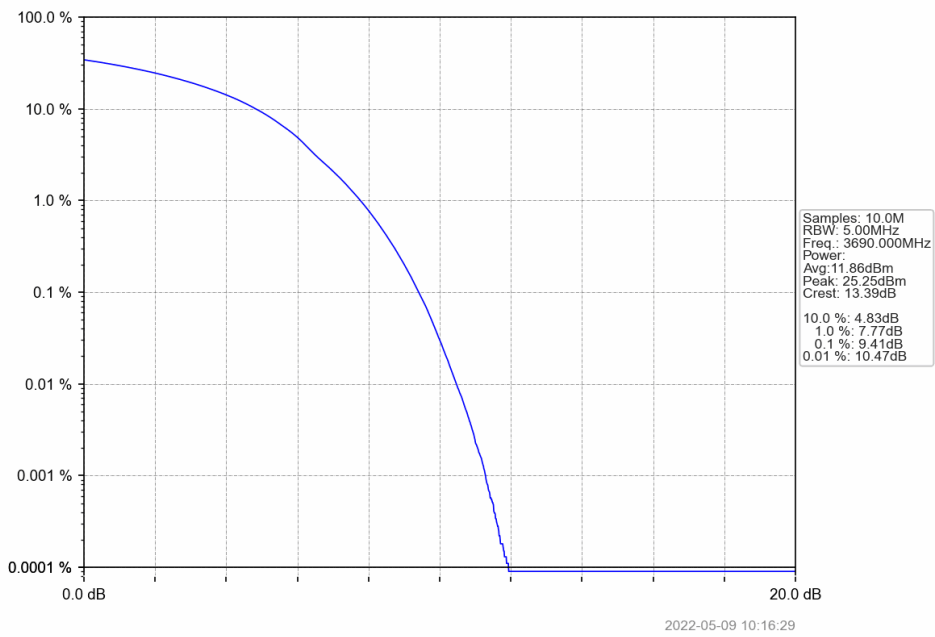
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_100\_0\_NTNV





# 5G NR N48

## 1. Peak-Average Ratio

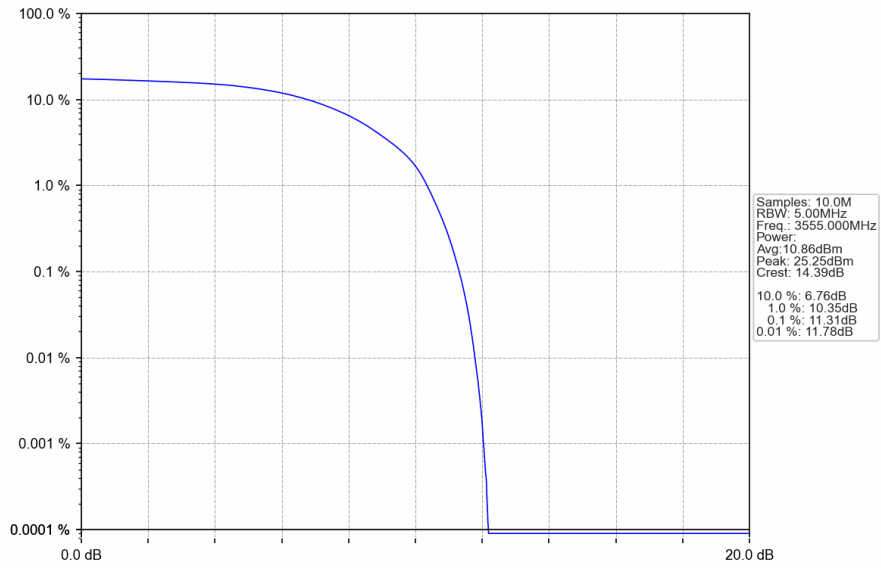
### 1.1 30k\_SISO\_10MHz\_NTNV

#### 1.1.1 Test Result

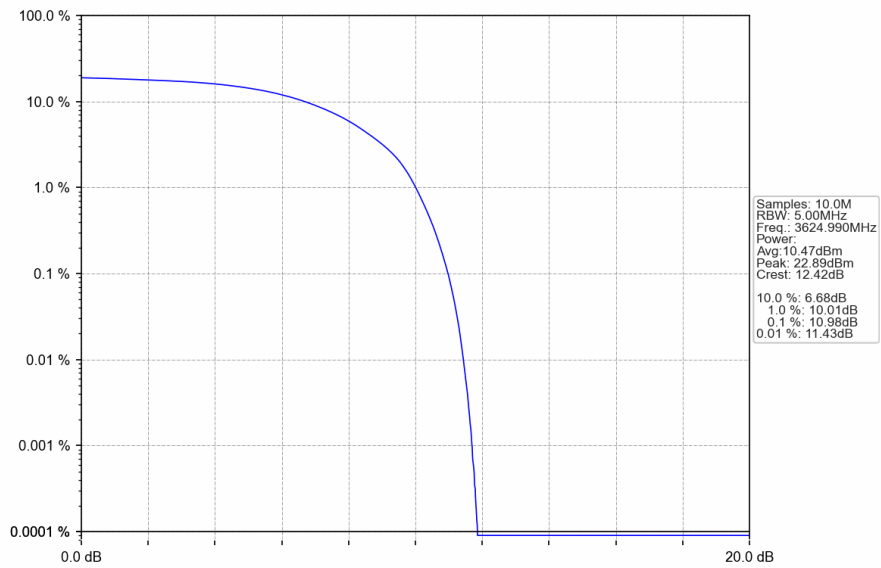
5G NR n48 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3555	Outer_Full	11.31	/	/	<=13	Pass
	3624.99	Outer_Full	10.98	/	/	<=13	Pass
	3694.98	Outer_Full	11.30	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	12.30	/	/	<=13	Pass
	3624.99	Outer_Full	12.22	/	/	<=13	Pass
	3694.98	Outer_Full	12.35	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3555	Outer_Full	12.55	/	/	<=13	Pass
	3624.99	Outer_Full	12.50	/	/	<=13	Pass
	3694.98	Outer_Full	12.54	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3555	Outer_Full	12.49	/	/	<=13	Pass
	3624.99	Outer_Full	12.58	/	/	<=13	Pass
	3694.98	Outer_Full	12.64	/	/	<=13	Pass
CP-OFDM QPSK	3555	Outer_Full	12.36	/	/	<=13	Pass
	3624.99	Outer_Full	12.34	/	/	<=13	Pass
	3694.98	Outer_Full	12.60	/	/	<=13	Pass
CP-OFDM 16 QAM	3555	Outer_Full	12.33	/	/	<=13	Pass
	3624.99	Outer_Full	12.82	/	/	<=13	Pass
	3694.98	Outer_Full	12.58	/	/	<=13	Pass
CP-OFDM 64 QAM	3555	Outer_Full	12.38	/	/	<=13	Pass
	3624.99	Outer_Full	12.55	/	/	<=13	Pass
	3694.98	Outer_Full	12.69	/	/	<=13	Pass
CP-OFDM 256 QAM	3555	Outer_Full	12.91	/	/	<=13	Pass
	3624.99	Outer_Full	12.77	/	/	<=13	Pass
	3694.98	Outer_Full	12.66	/	/	<=13	Pass

## 1.1.2 Test Graph

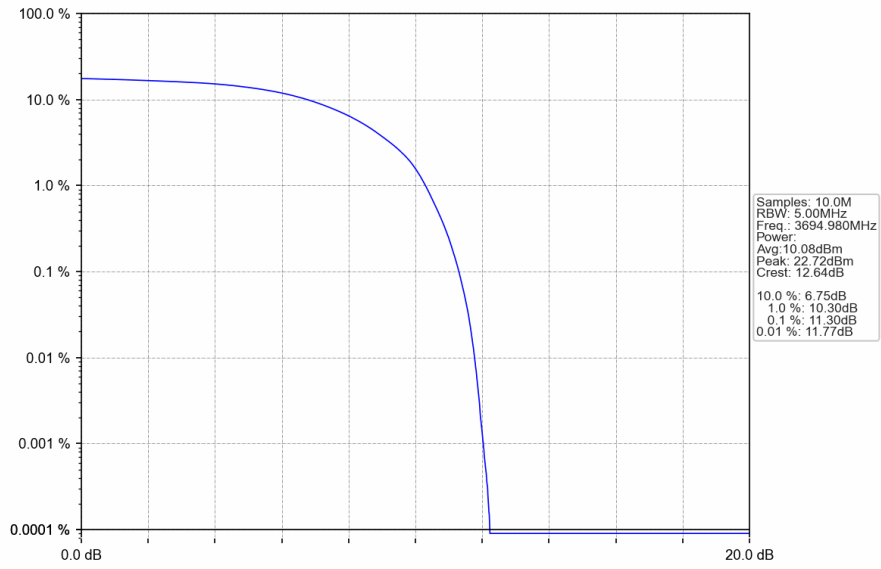
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555.00MHz\_Outer\_Full



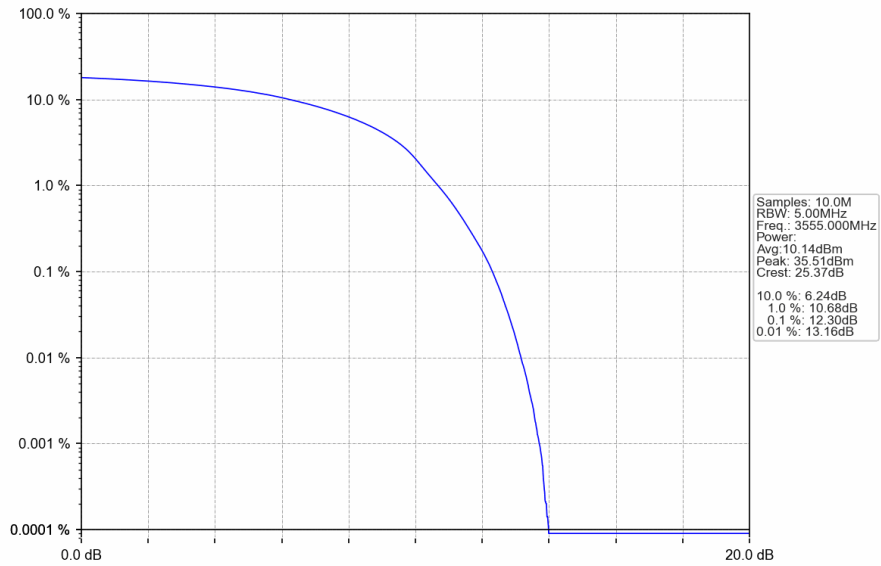
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3624.99MHz\_Outer\_Full



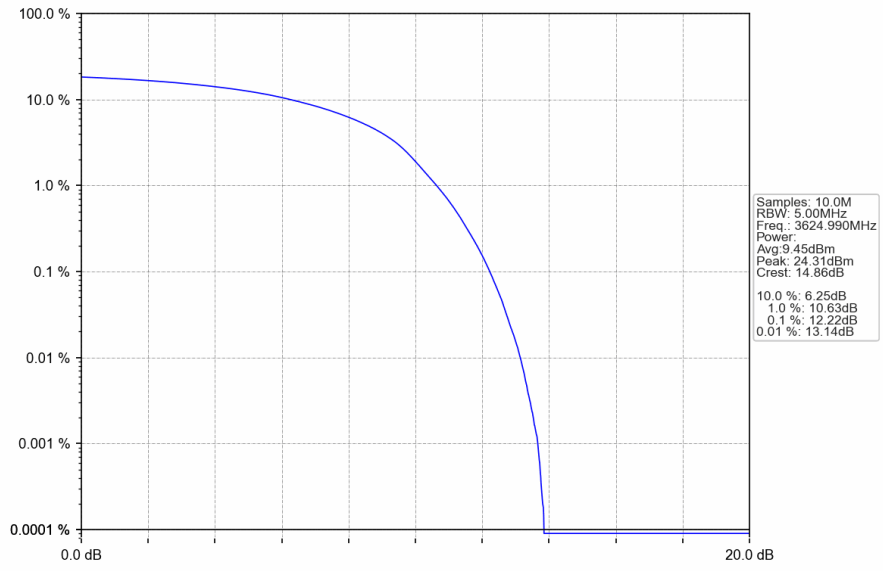
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3694.98MHz\_Outer\_Full



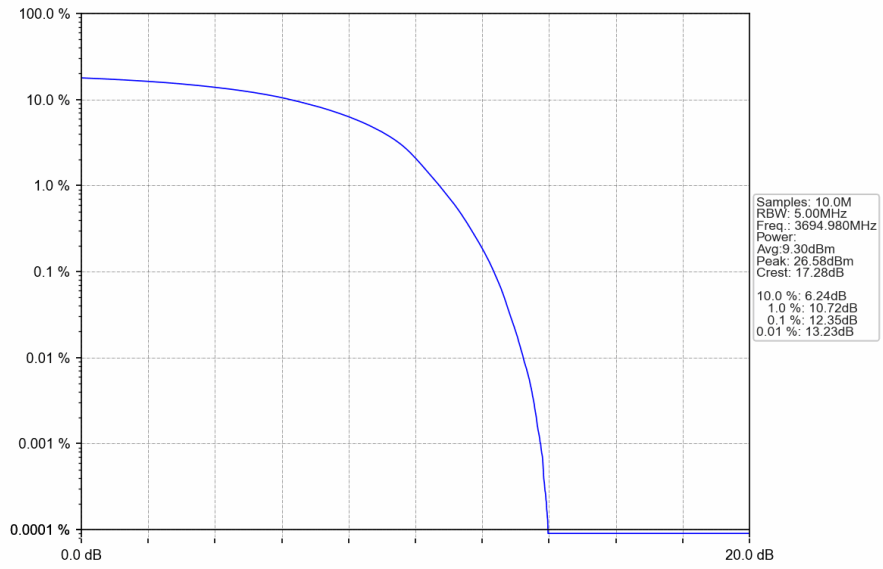
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 16 QAM\_3555MHz\_Outer\_Full



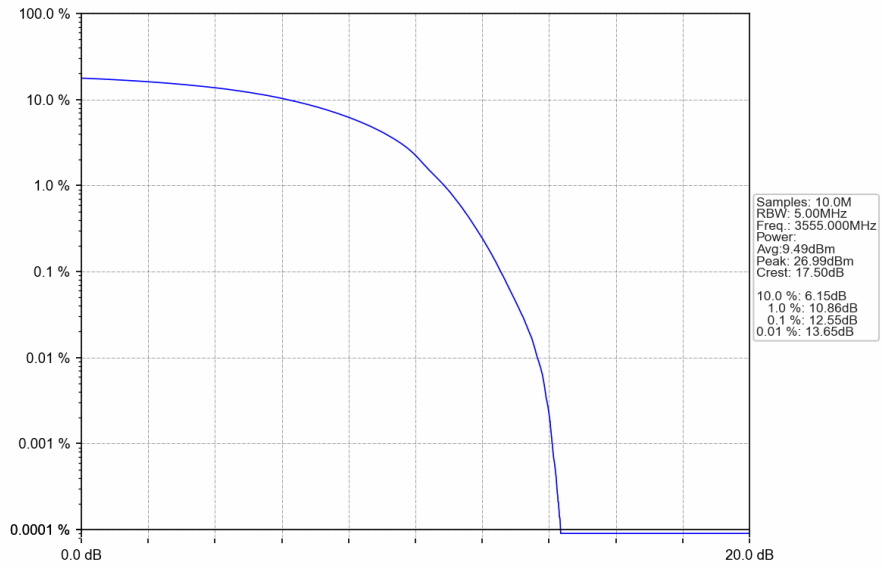
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_16\_QAM\_3624.99MHz\_Outer\_Full



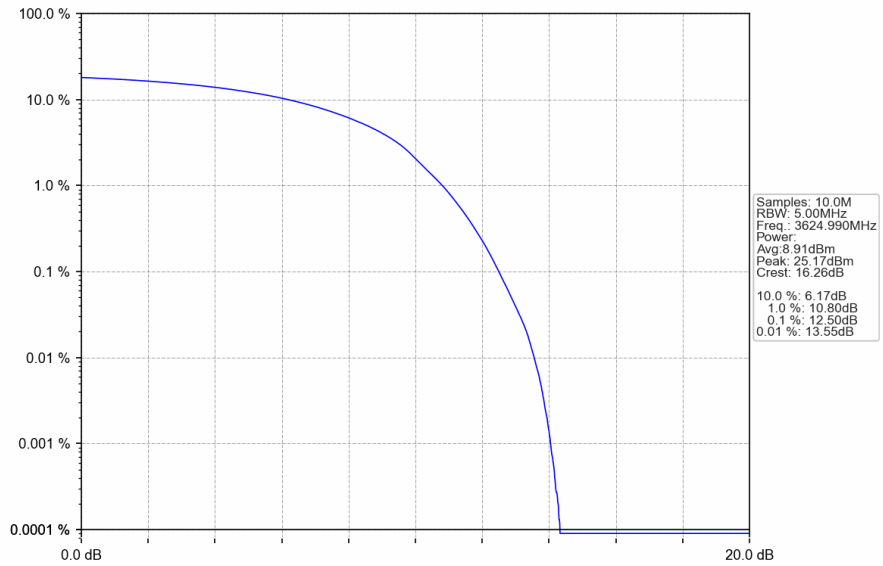
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_16\_QAM\_3694.98MHz\_Outer\_Full



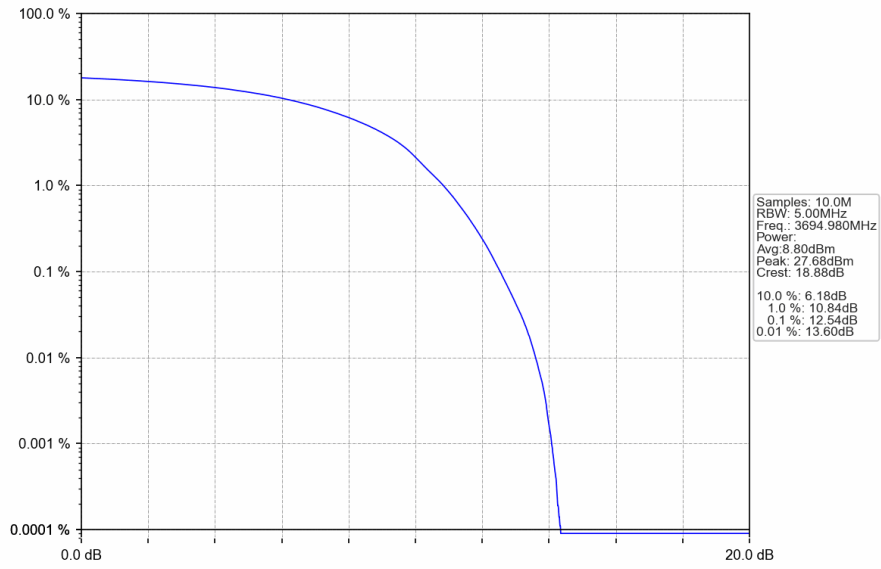
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 64 QAM\_3555MHz\_Outer\_Full



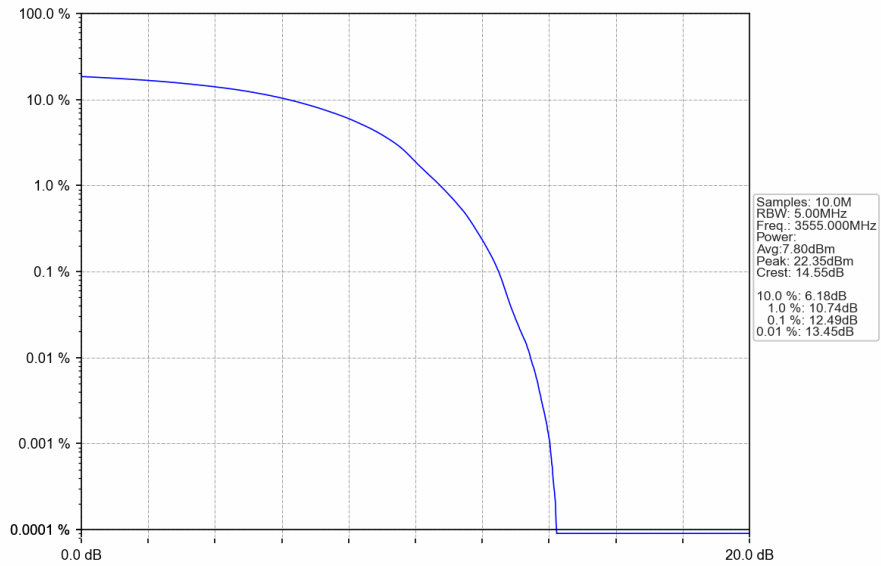
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 64 QAM\_3624.99MHz\_Outer\_Full



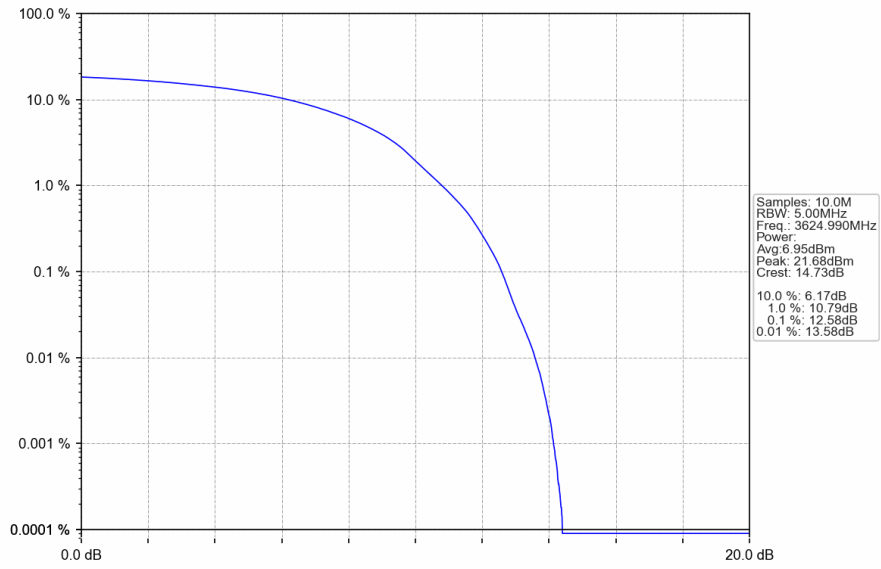
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 64 QAM\_3694.98MHz\_Outer\_Full



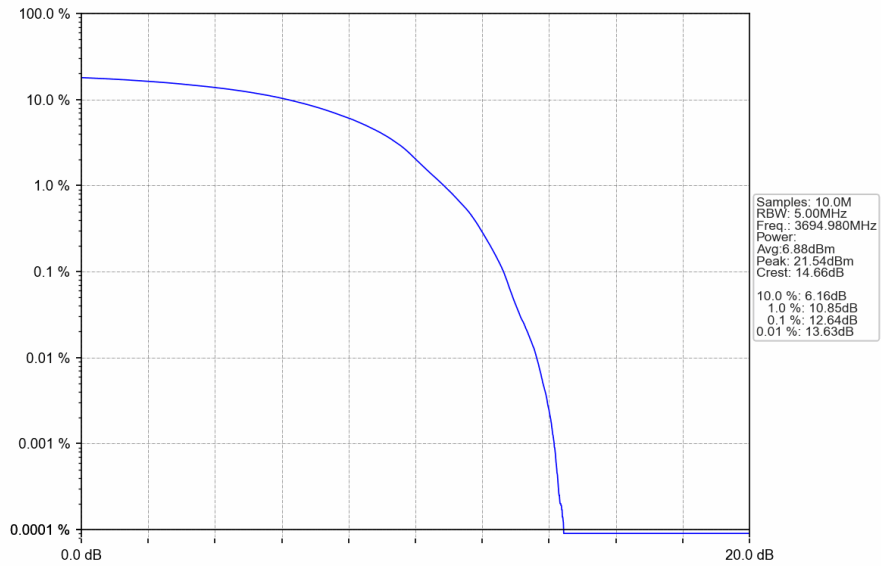
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 256 QAM\_3555MHz\_Outer\_Full



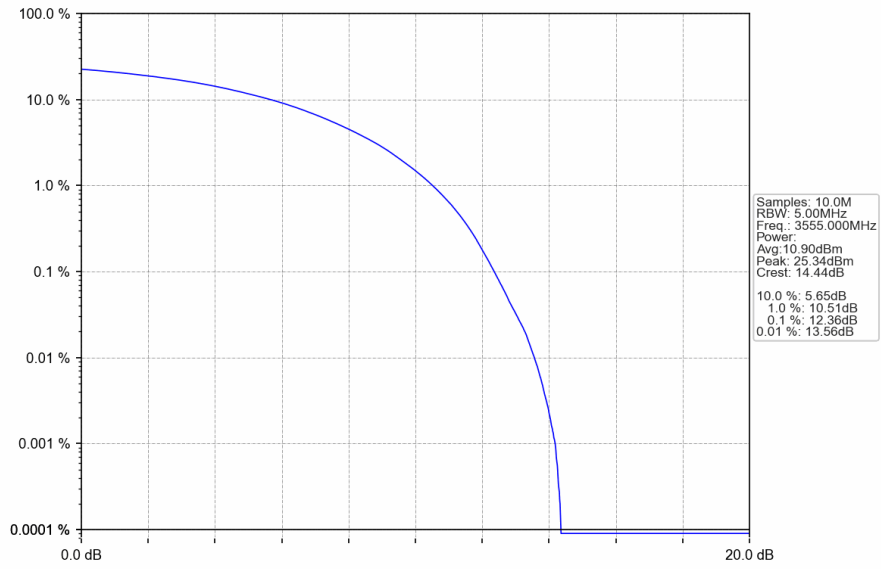
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 256 QAM\_3624.99MHz\_Outer\_Full



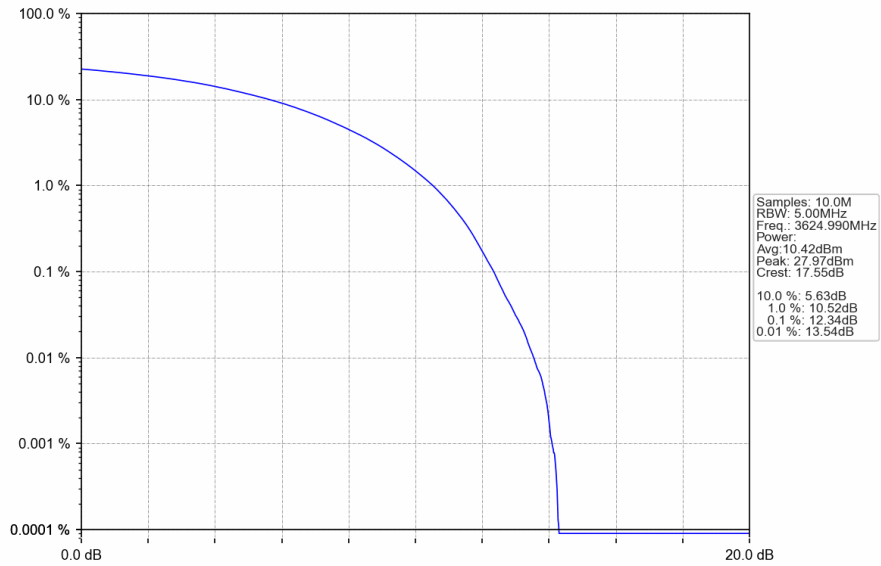
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM 256 QAM\_3694.98MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3555MHz\_Outer\_Full

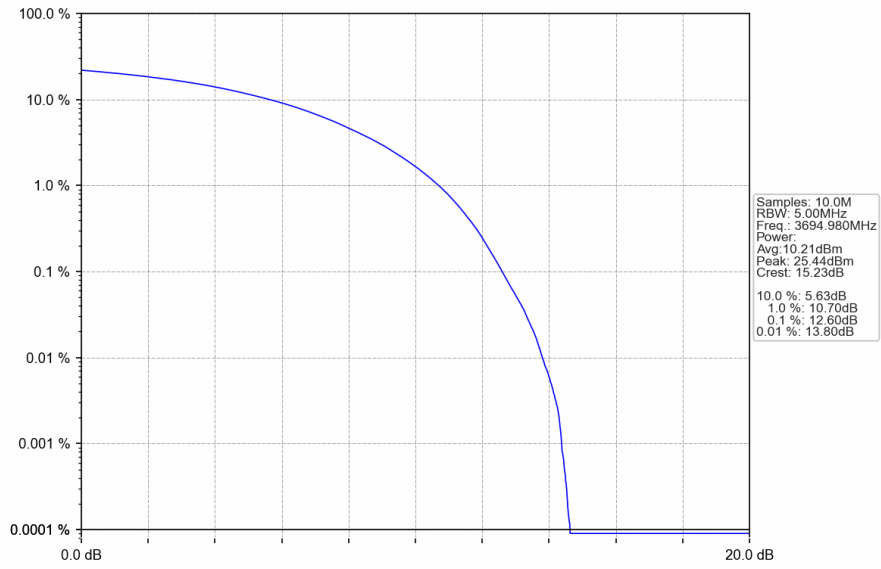


n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3624.99MHz\_Outer\_Full

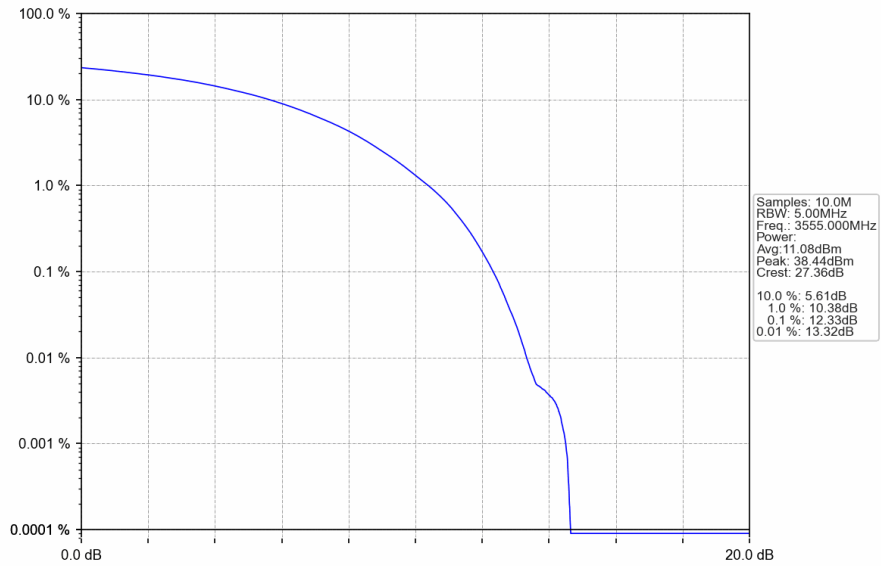




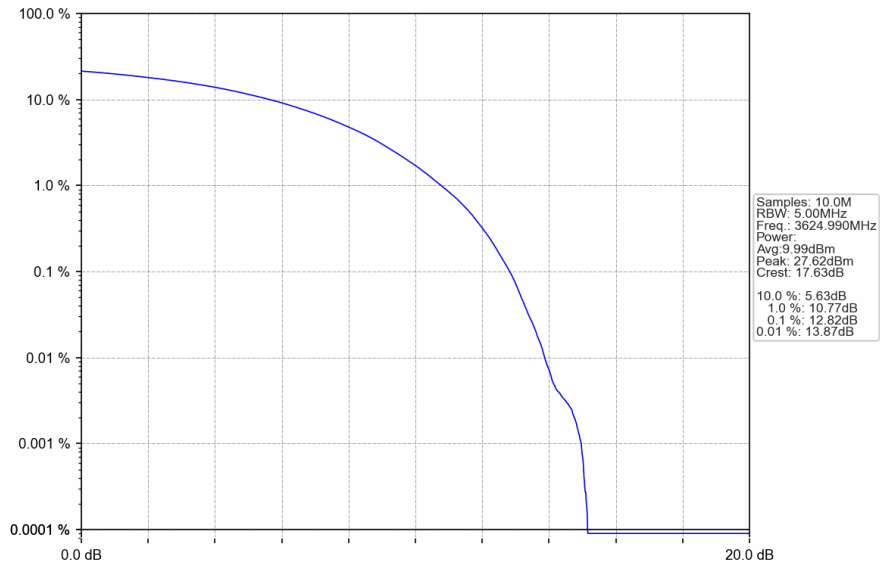
n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3694.98MHz\_Outer\_Full



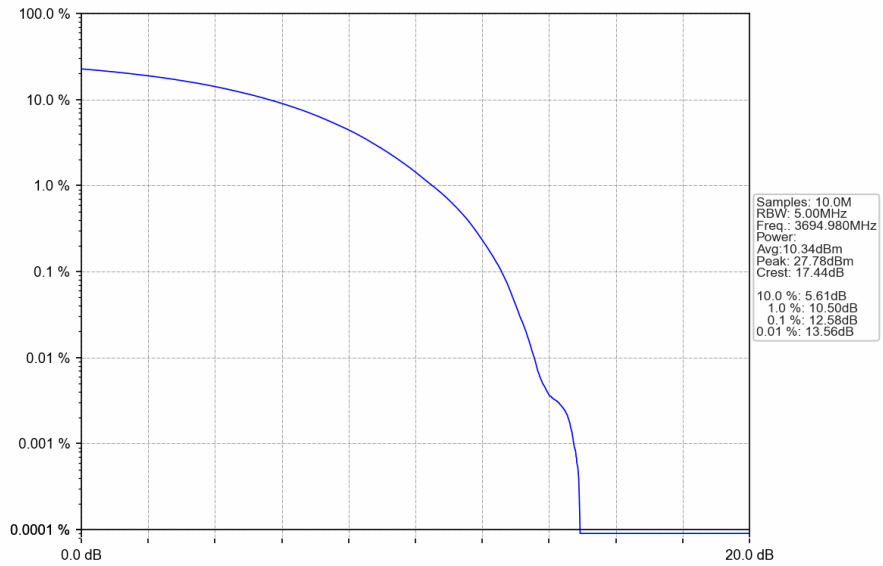
n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM 16 QAM\_3555MHz\_Outer\_Full



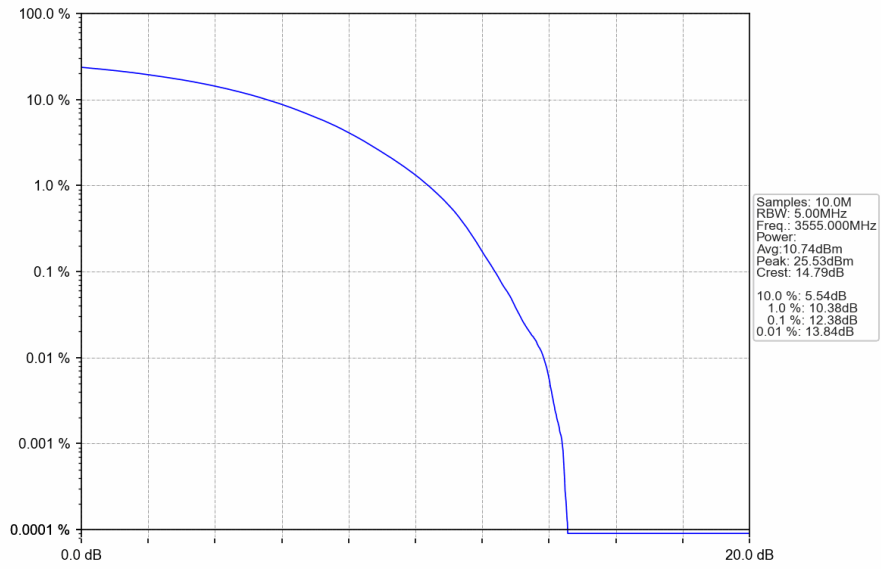
n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_16QAM\_3624.99MHz\_Outer\_Full



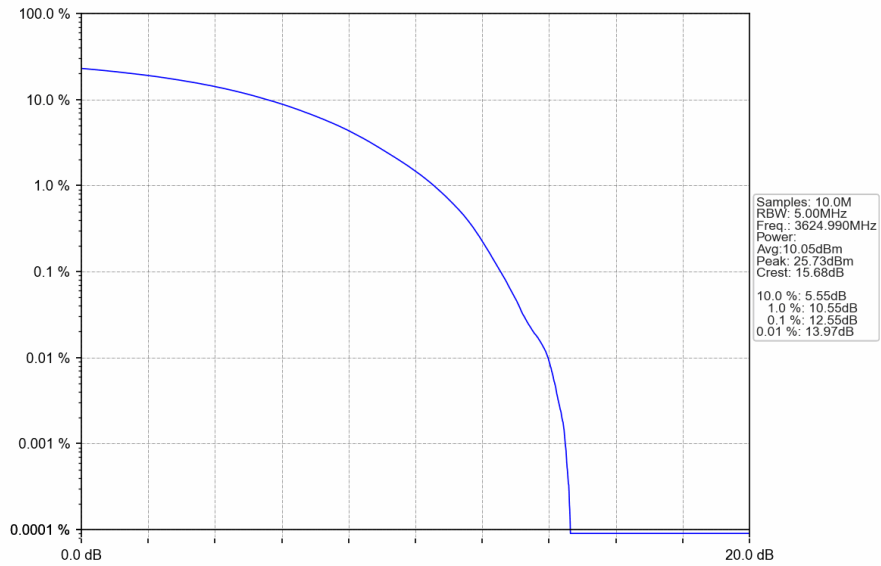
n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_16QAM\_3694.98MHz\_Outer\_Full



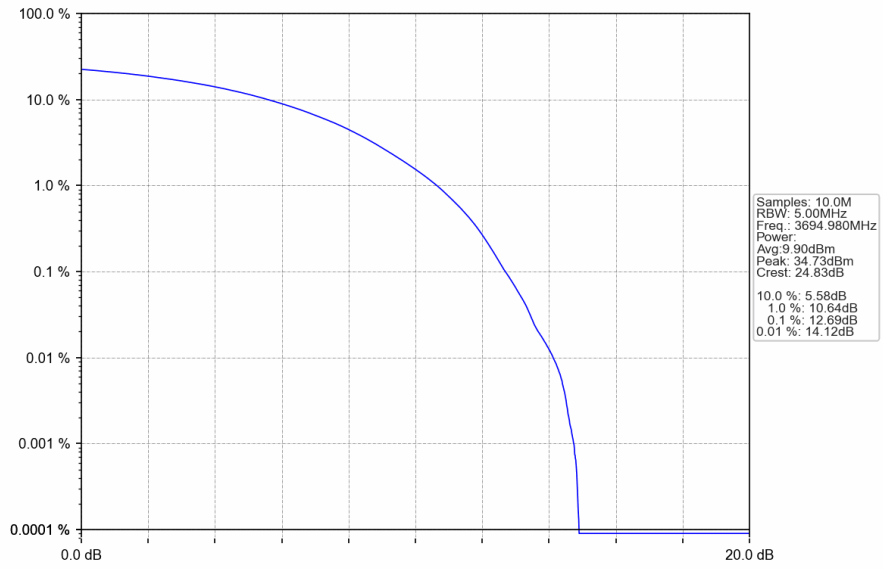
n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM 64 QAM\_3555MHz\_Outer\_Full



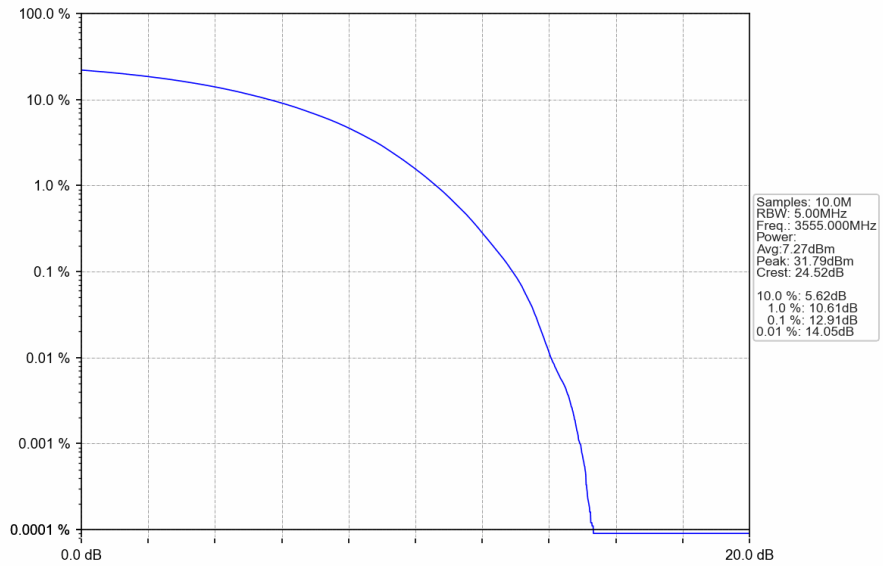
n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Outer\_Full



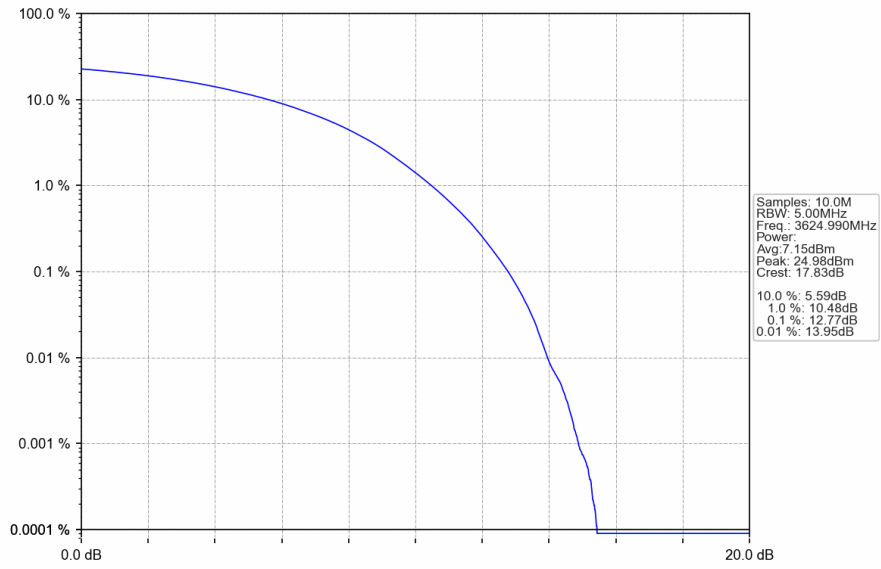
n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM 64 QAM\_3694.98MHz\_Outer\_Full



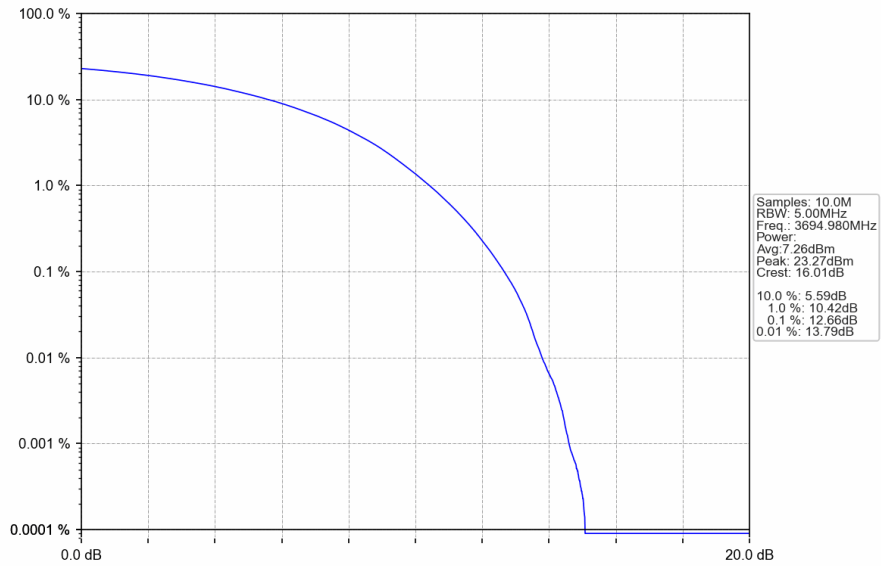
n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM 256 QAM\_3555MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM 256 QAM\_3624.99MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM 256 QAM\_3694.98MHz\_Outer\_Full



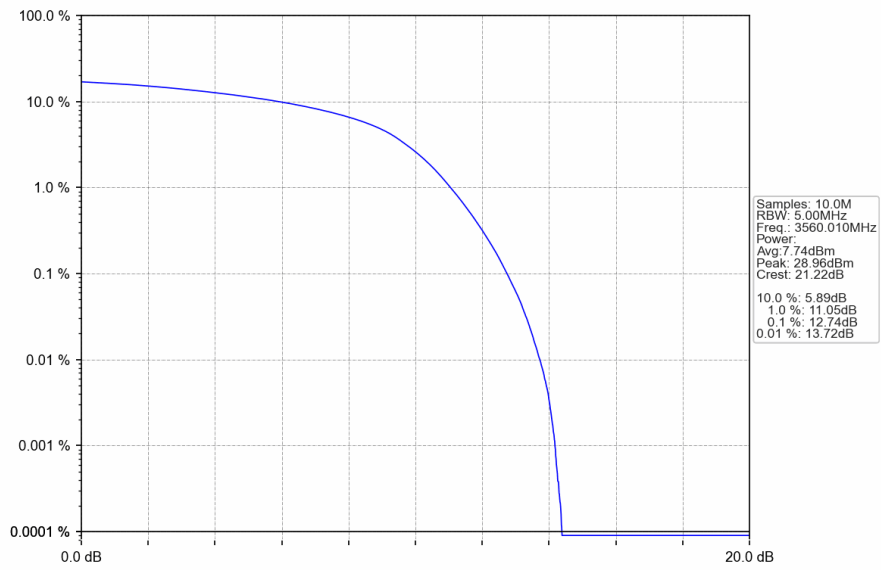
## 1.2 30k\_SISO\_20MHz\_NTNV

### 1.2.1 Test Result

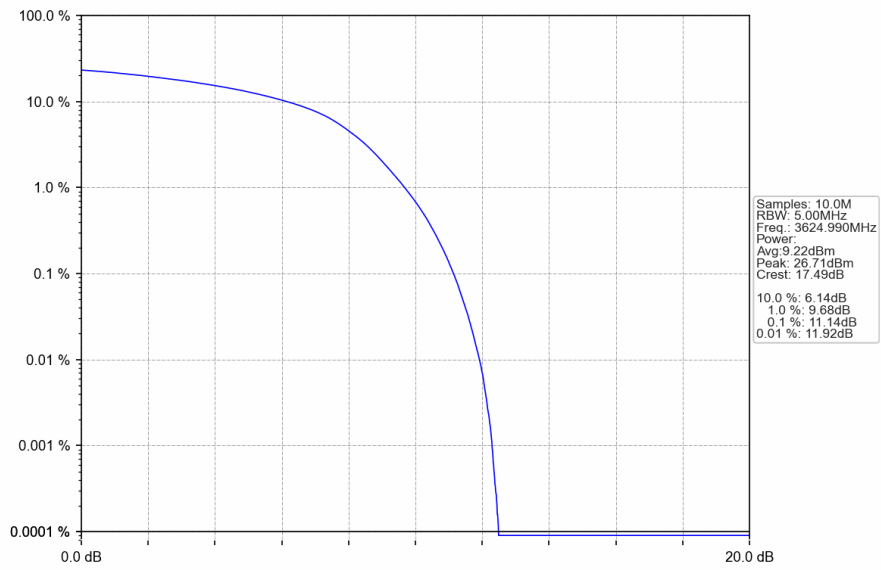
5G NR n48 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3560.01	Outer_Full	12.74	/	/	<=13	Pass
	3624.99	Outer_Full	11.14	/	/	<=13	Pass
	3690	Outer_Full	12.74	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	12.56	/	/	<=13	Pass
	3624.99	Outer_Full	11.75	/	/	<=13	Pass
	3690	Outer_Full	11.71	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	12.10	/	/	<=13	Pass
	3624.99	Outer_Full	12.16	/	/	<=13	Pass
	3690	Outer_Full	12.20	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	12.00	/	/	<=13	Pass
	3624.99	Outer_Full	11.81	/	/	<=13	Pass
	3690	Outer_Full	11.84	/	/	<=13	Pass
CP-OFDM QPSK	3560.01	Outer_Full	12.77	/	/	<=13	Pass
	3624.99	Outer_Full	12.94	/	/	<=13	Pass
	3690	Outer_Full	12.68	/	/	<=13	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	12.52	/	/	<=13	Pass
	3624.99	Outer_Full	12.71	/	/	<=13	Pass
	3690	Outer_Full	12.73	/	/	<=13	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	12.80	/	/	<=13	Pass
	3624.99	Outer_Full	12.58	/	/	<=13	Pass
	3690	Outer_Full	12.84	/	/	<=13	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	12.67	/	/	<=13	Pass
	3624.99	Outer_Full	12.92	/	/	<=13	Pass
	3690	Outer_Full	12.92	/	/	<=13	Pass

## 1.2.2 Test Graph

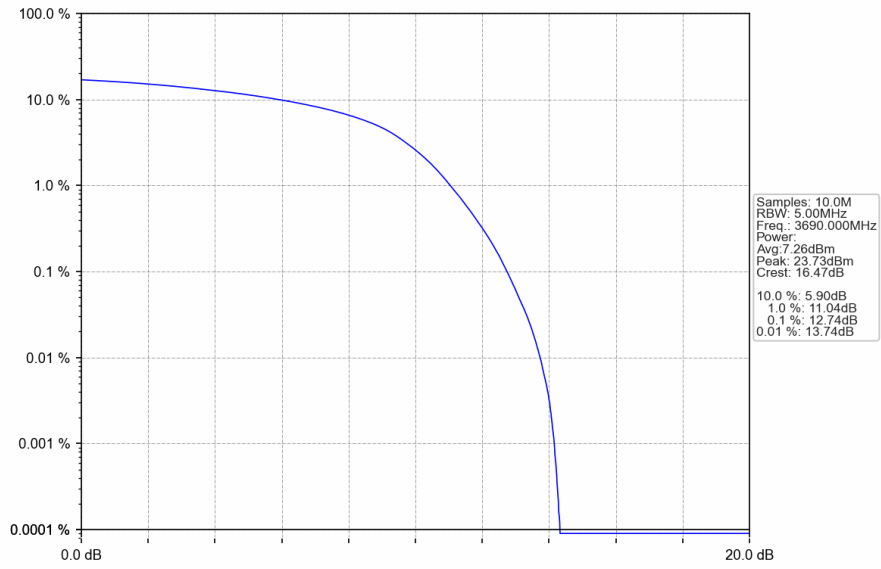
n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM QPSK\_3560.01MHz\_Outer\_Full



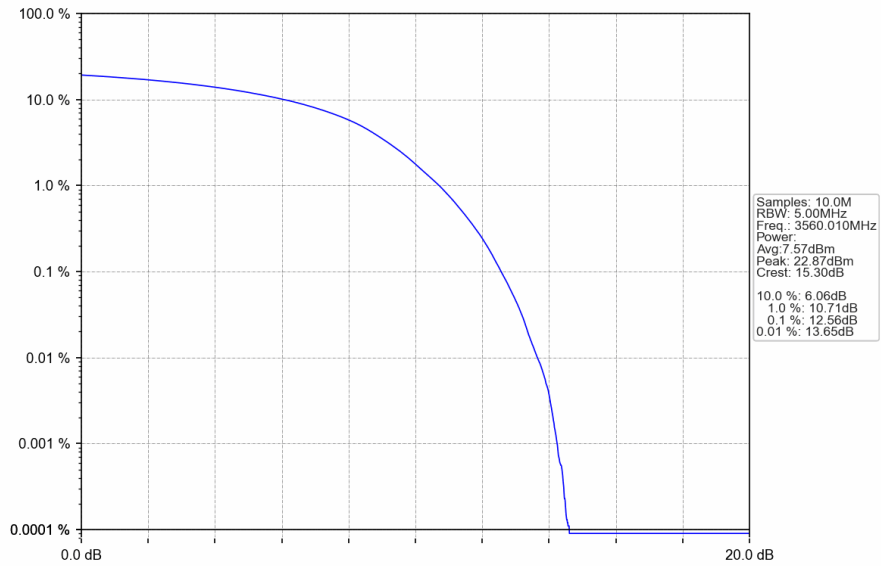
n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM QPSK\_3624.99MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM QPSK\_3690MHz\_Outer\_Full

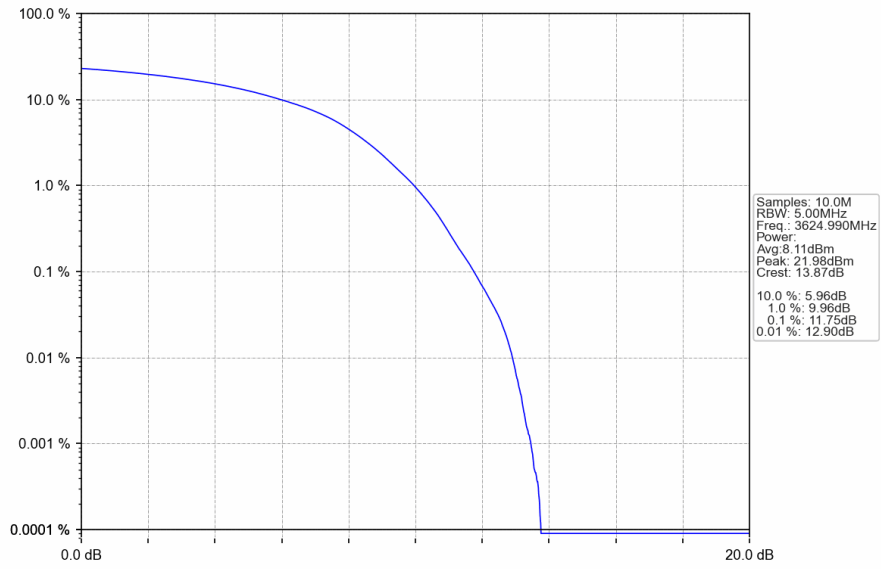


n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 16 QAM\_3560.01MHz\_Outer\_Full

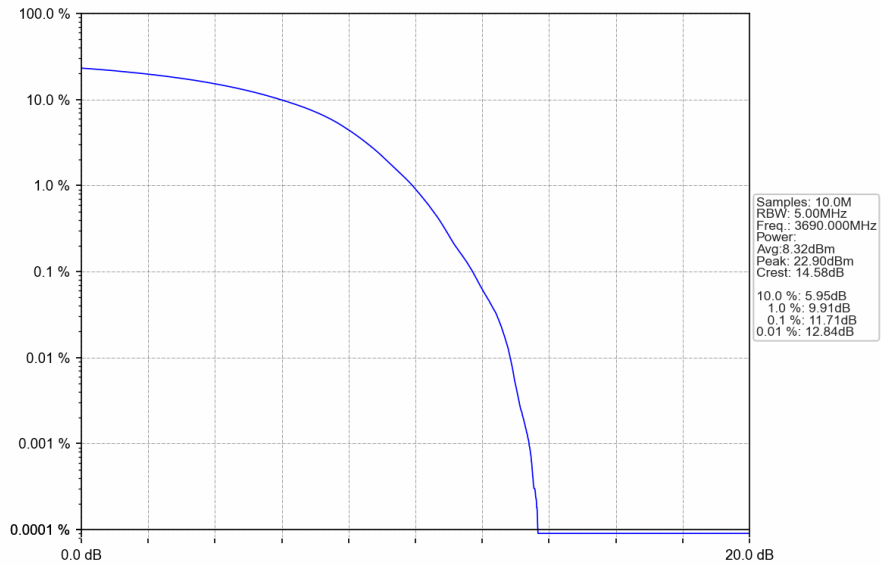




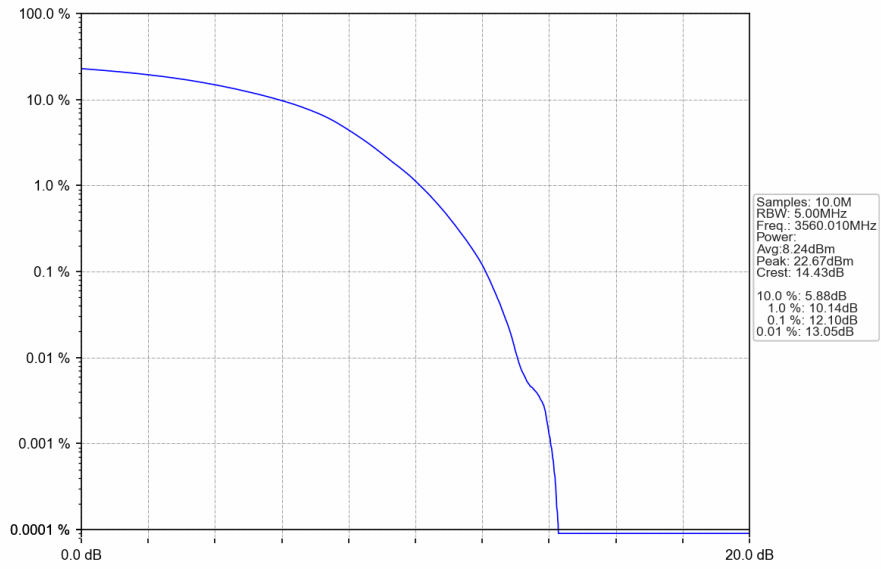
n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_16\_QAM\_3624.99MHz\_Outer\_Full



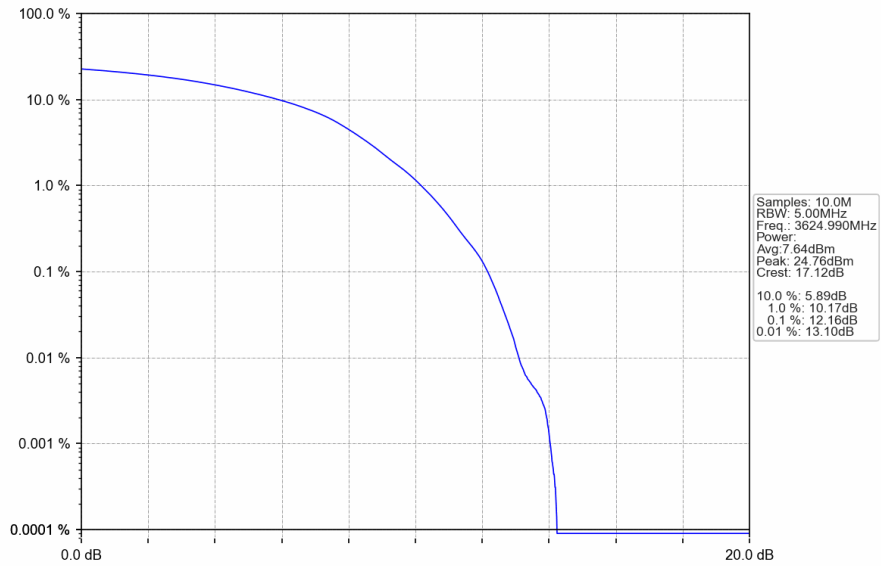
n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_16\_QAM\_3690MHz\_Outer\_Full



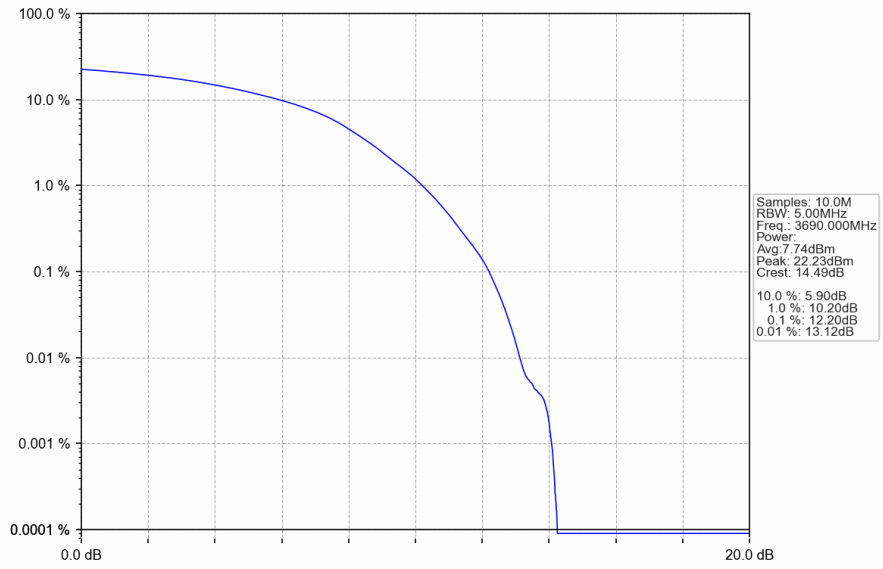
n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 64 QAM\_3560.01MHz\_Outer\_Full



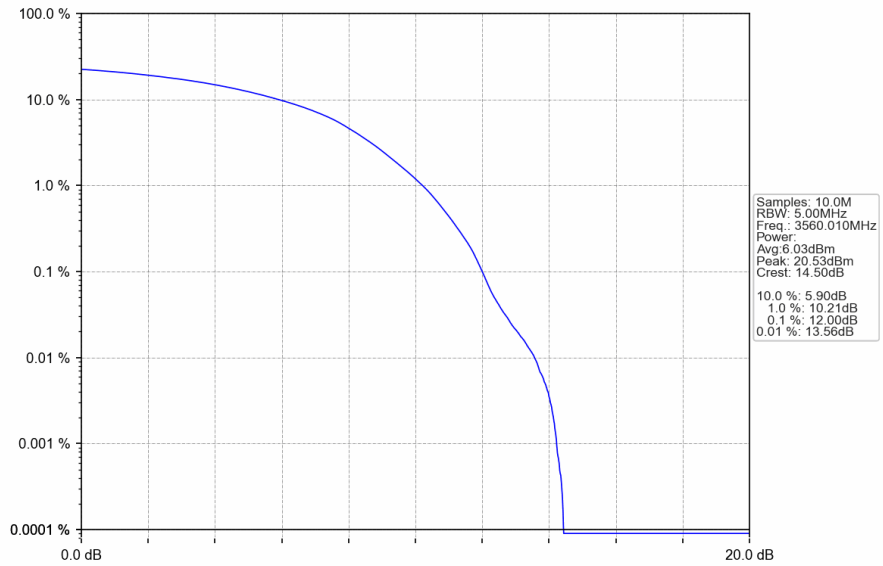
n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 64 QAM\_3624.99MHz\_Outer\_Full



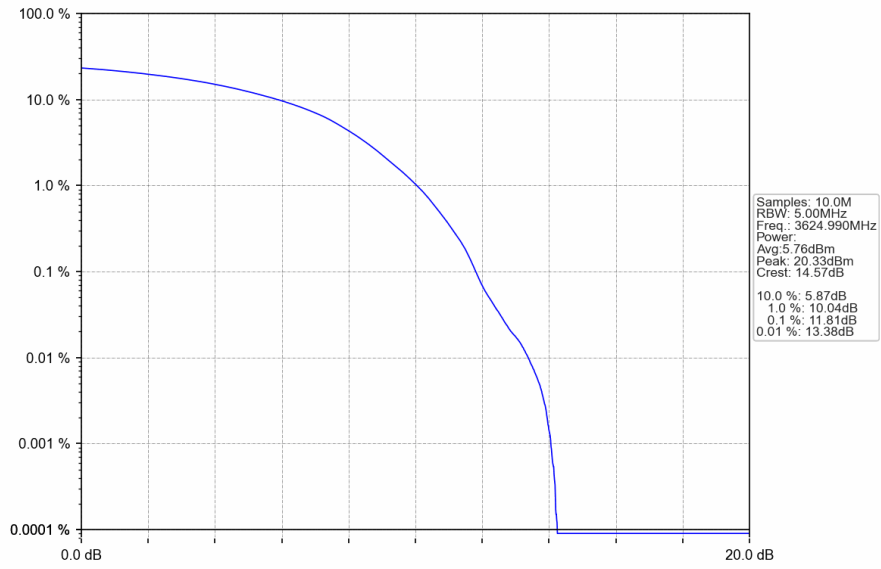
n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 64 QAM\_3690MHz\_Outer\_Full



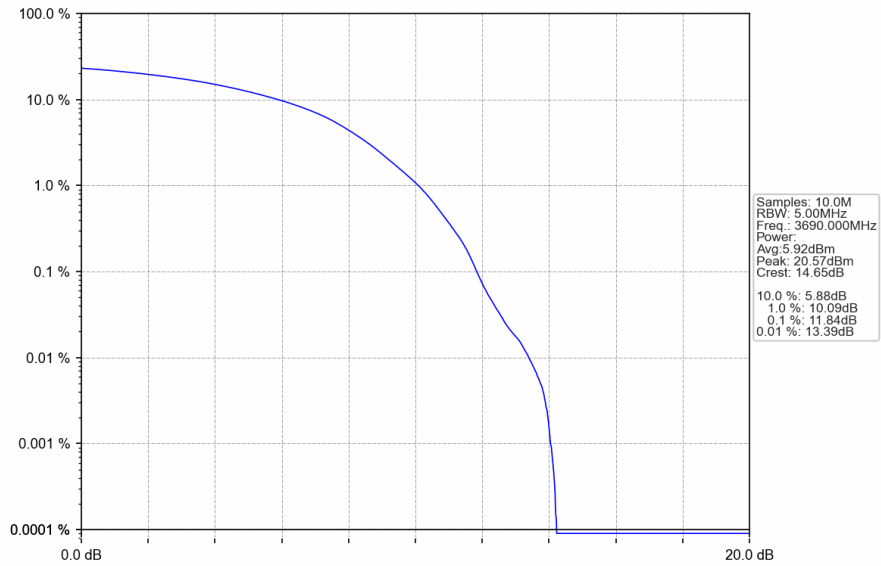
n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM 256 QAM\_3560.01MHz\_Outer\_Full



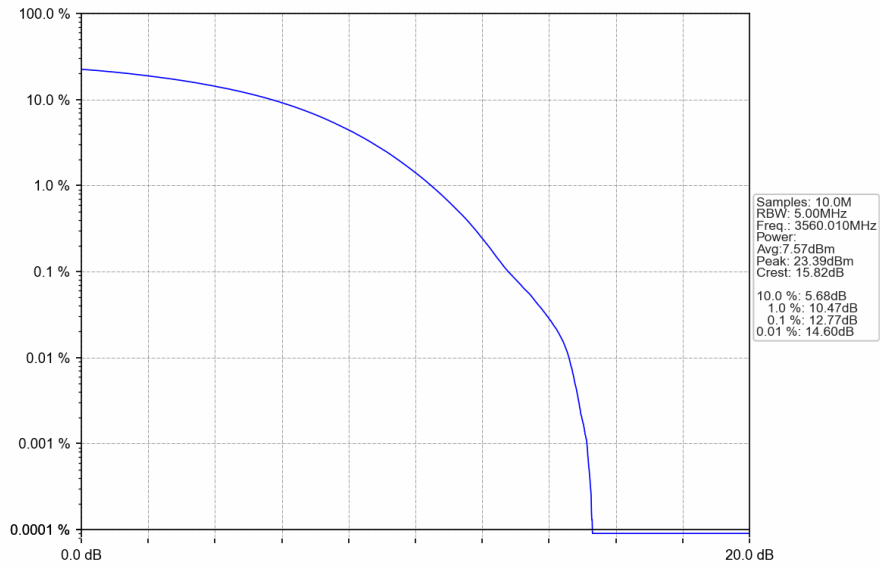
n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Outer\_Full



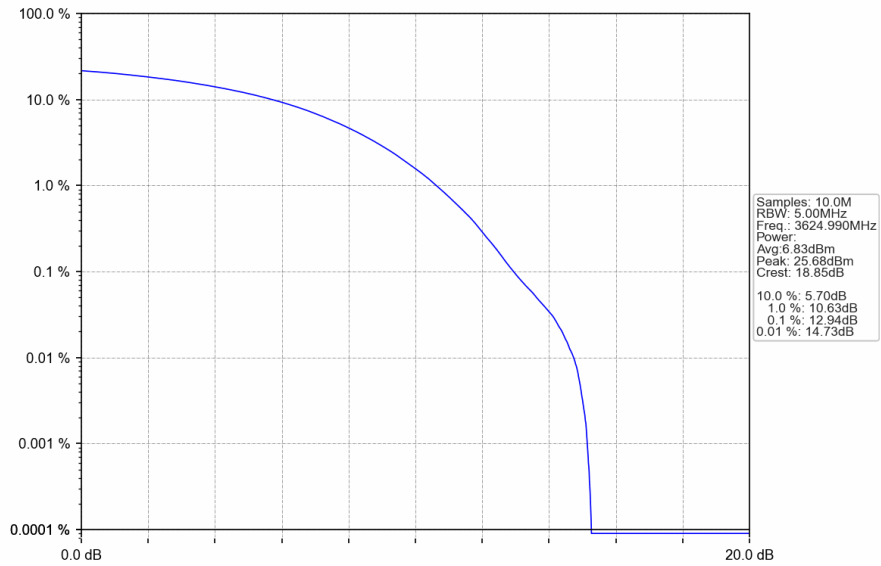
n48\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_256\_QAM\_3690MHz\_Outer\_Full



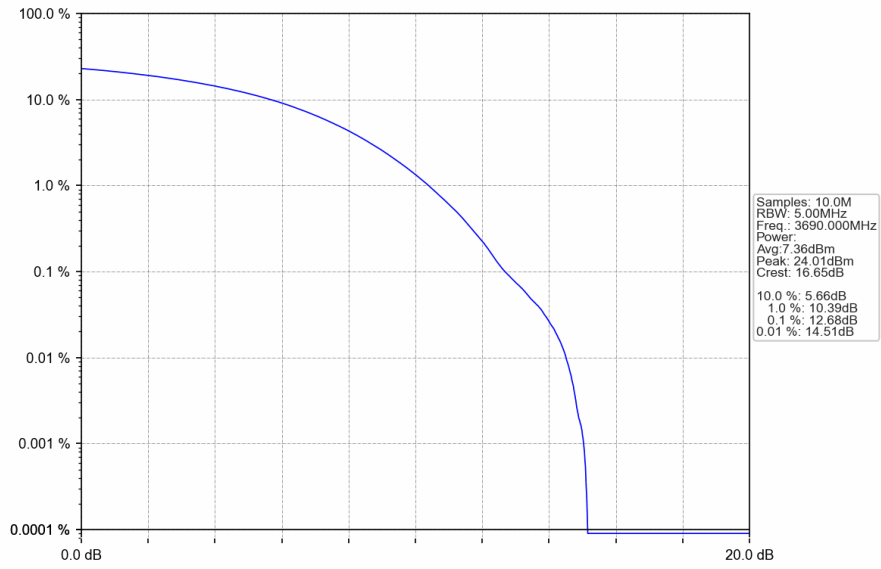
n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3560.01MHz\_Outer\_Full



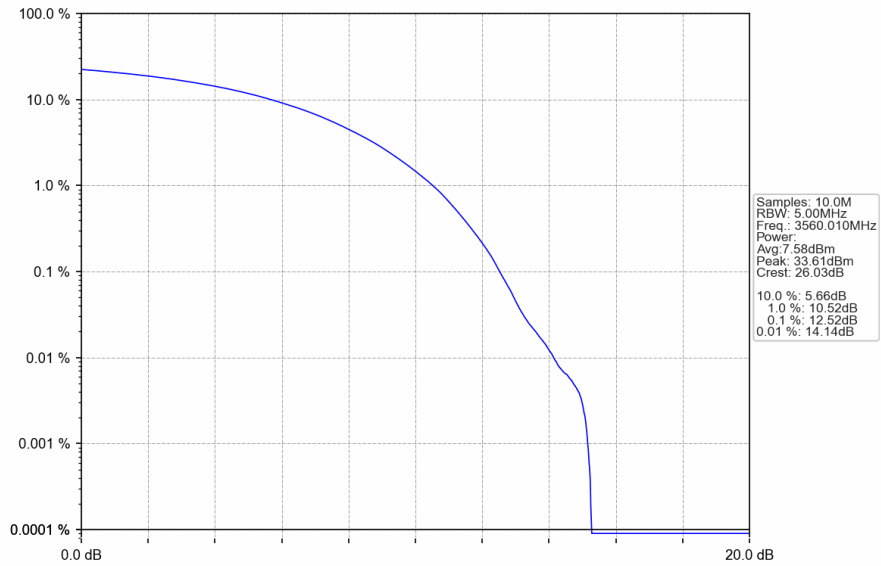
n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3624.99MHz\_Outer\_Full



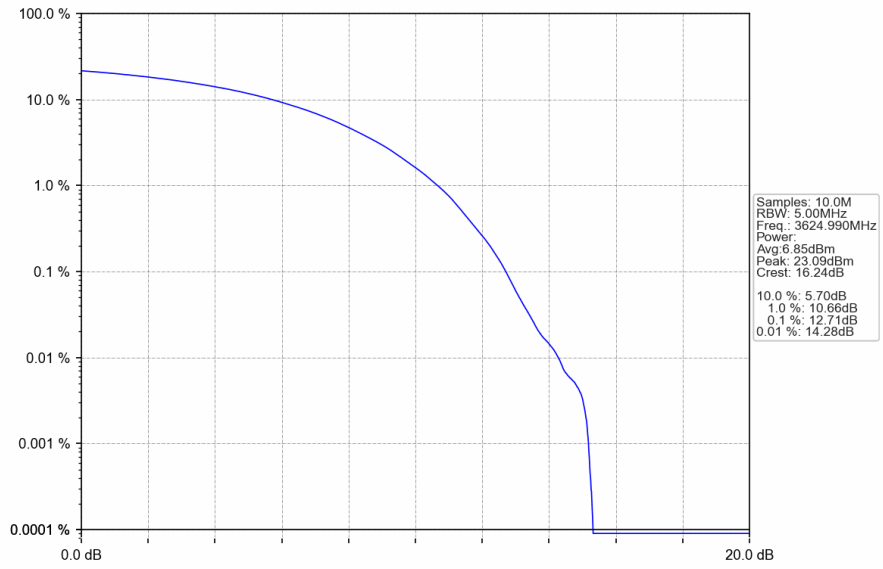
n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3690MHz\_Outer\_Full



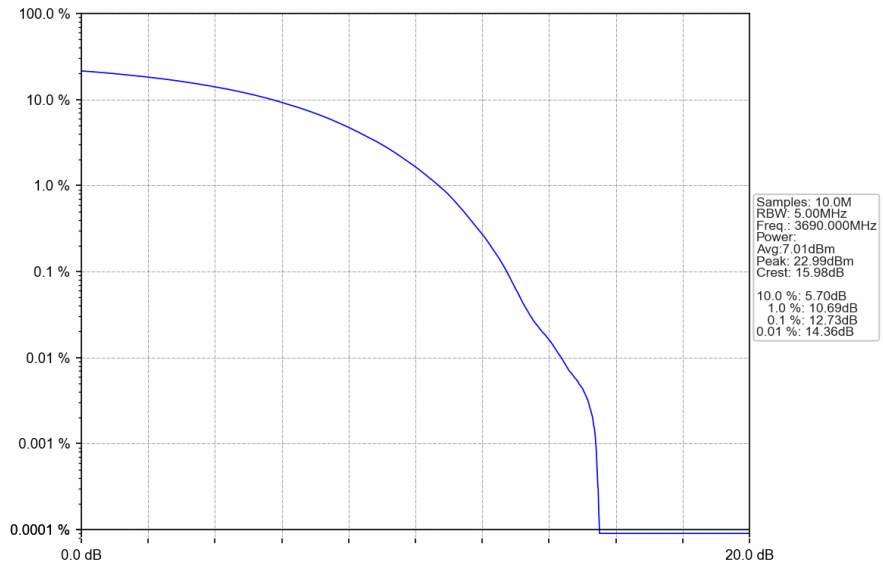
n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM 16 QAM\_3560.01MHz\_Outer\_Full



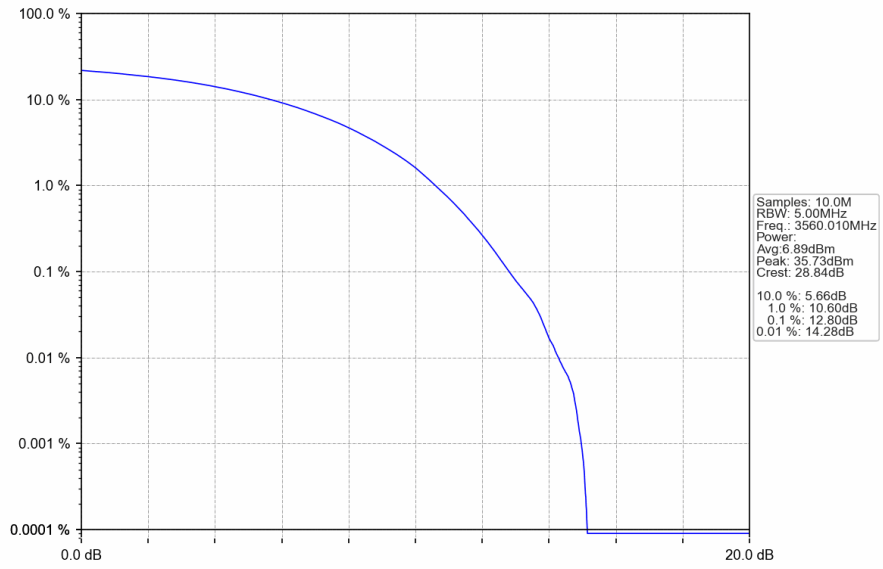
n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_16 QAM\_3624.99MHz\_Outer\_Full



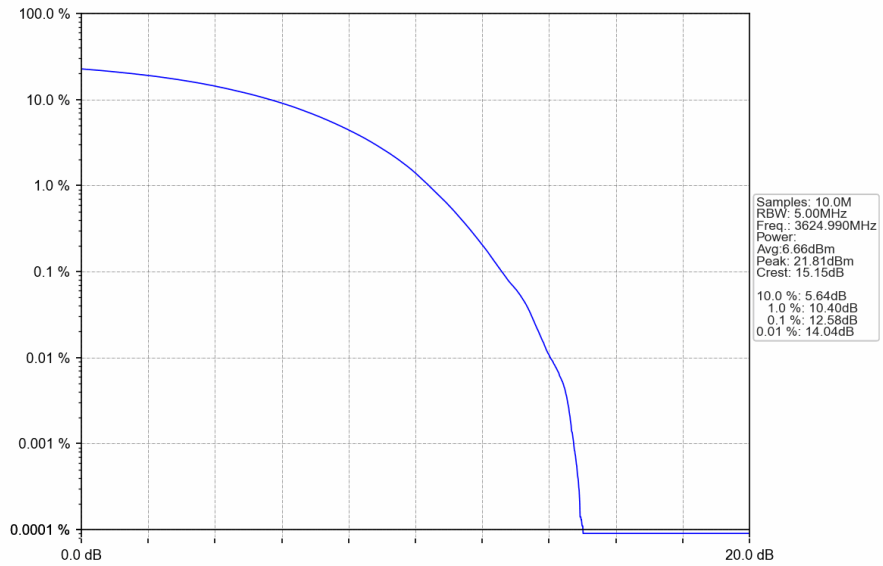
n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_16 QAM\_3690MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM 64 QAM\_3560.01MHz\_Outer\_Full

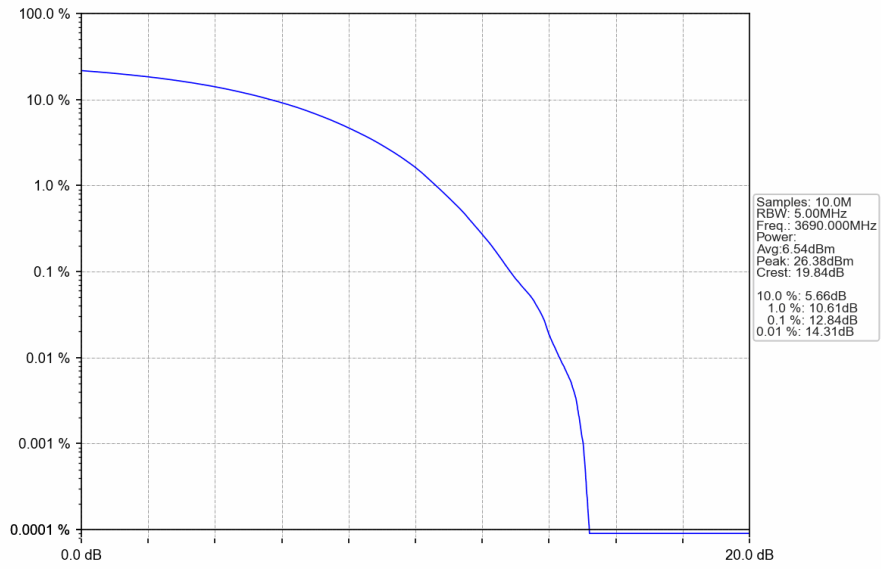


n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Outer\_Full

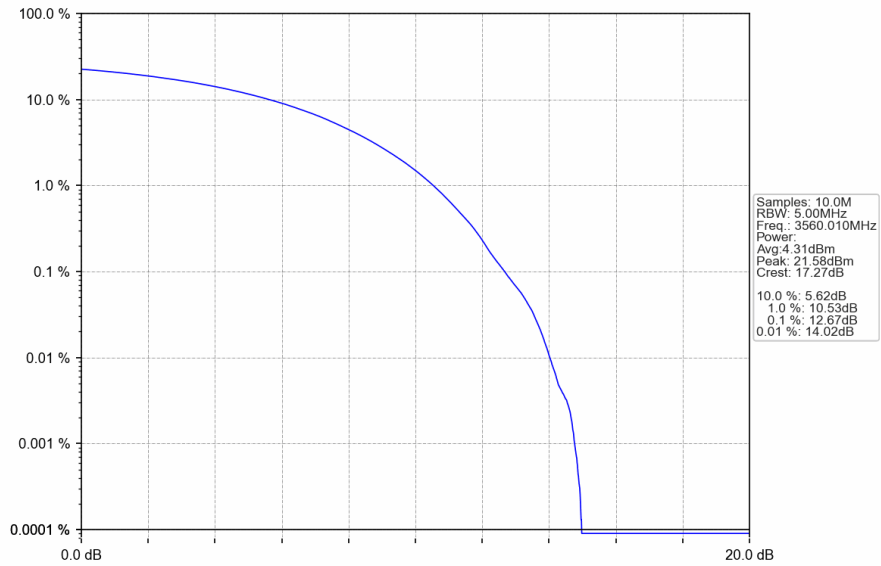




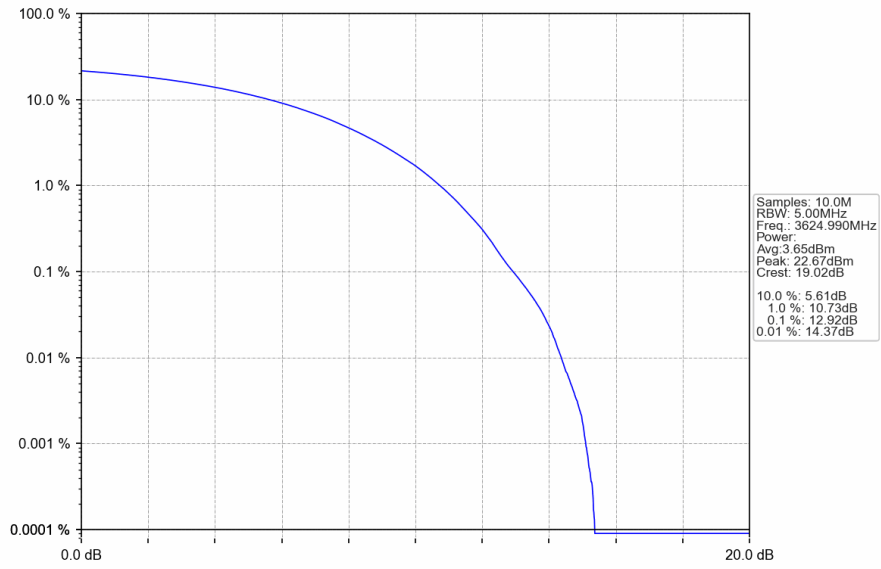
n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM 64 QAM\_3690MHz\_Outer\_Full



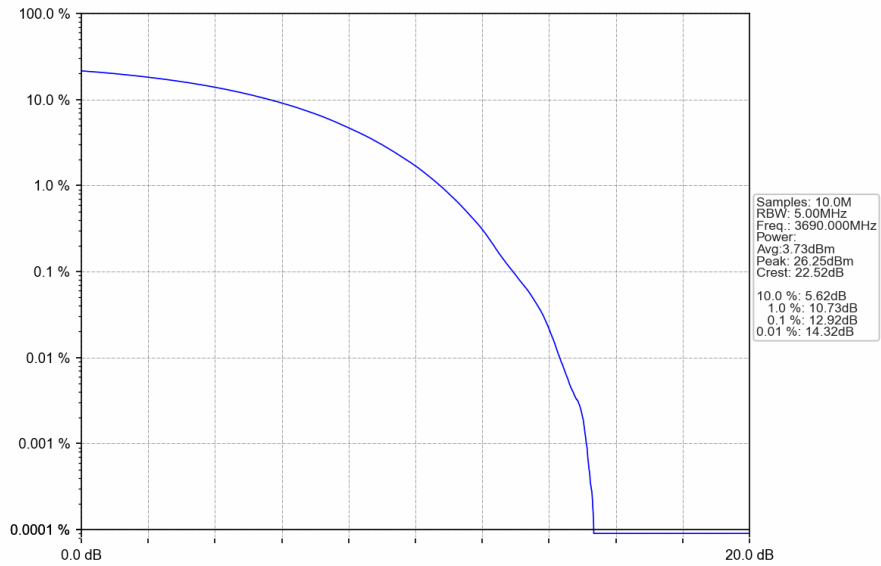
n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM 256 QAM\_3560.01MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_256\_QAM\_3690MHz\_Outer\_Full

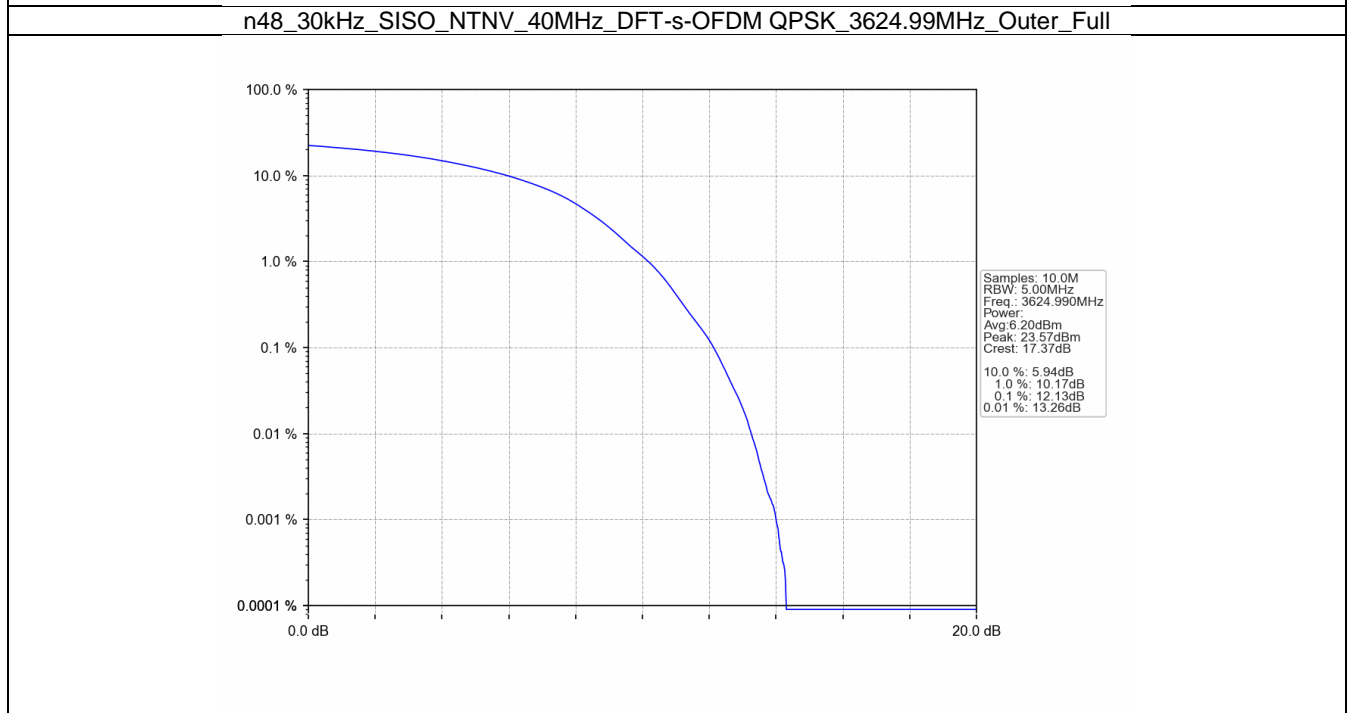
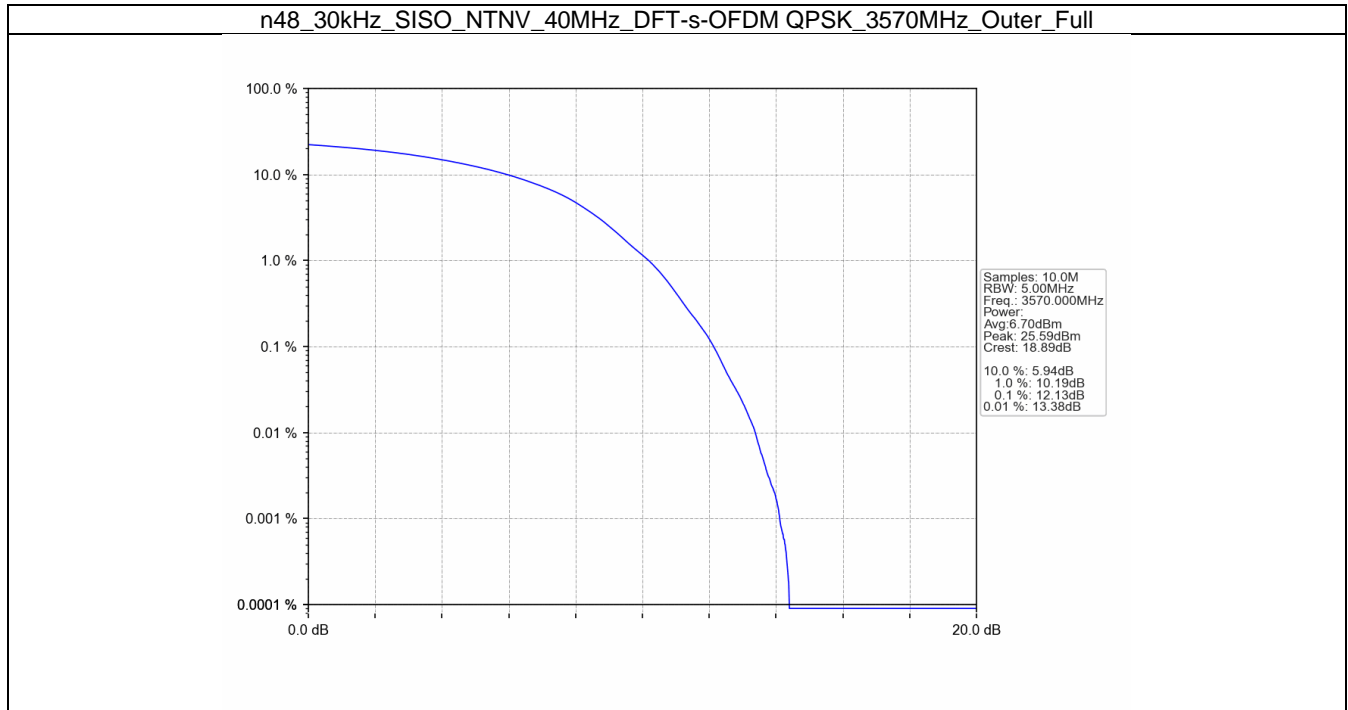


### 1.3 30k\_SISO\_40MHz\_NTNV

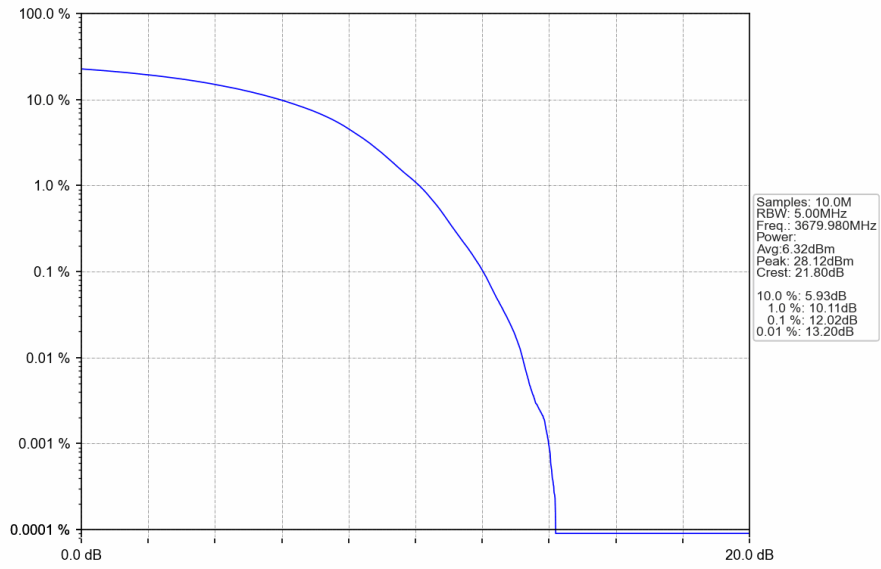
#### 1.3.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dBm)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3570	Outer_Full	12.13	/	/	<=13	Pass
	3624.99	Outer_Full	12.13	/	/	<=13	Pass
	3679.98	Outer_Full	12.02	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	11.68	/	/	<=13	Pass
	3624.99	Outer_Full	12.68	/	/	<=13	Pass
	3679.98	Outer_Full	12.55	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	12.43	/	/	<=13	Pass
	3624.99	Outer_Full	12.66	/	/	<=13	Pass
	3679.98	Outer_Full	12.63	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	12.67	/	/	<=13	Pass
	3624.99	Outer_Full	12.33	/	/	<=13	Pass
	3679.98	Outer_Full	12.25	/	/	<=13	Pass
CP-OFDM QPSK	3570	Outer_Full	12.87	/	/	<=13	Pass
	3624.99	Outer_Full	12.93	/	/	<=13	Pass
	3679.98	Outer_Full	12.87	/	/	<=13	Pass
CP-OFDM 16 QAM	3570	Outer_Full	12.49	/	/	<=13	Pass
	3624.99	Outer_Full	12.56	/	/	<=13	Pass
	3679.98	Outer_Full	12.44	/	/	<=13	Pass
CP-OFDM 64 QAM	3570	Outer_Full	12.58	/	/	<=13	Pass
	3624.99	Outer_Full	12.77	/	/	<=13	Pass
	3679.98	Outer_Full	12.72	/	/	<=13	Pass
CP-OFDM 256 QAM	3570	Outer_Full	12.84	/	/	<=13	Pass
	3624.99	Outer_Full	12.95	/	/	<=13	Pass
	3679.98	Outer_Full	12.75	/	/	<=13	Pass

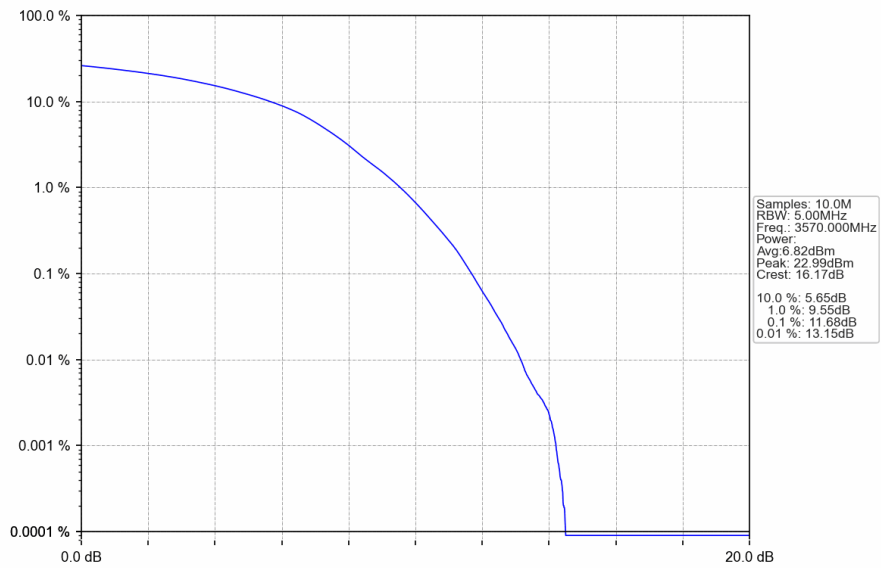
### 1.3.2 Test Graph



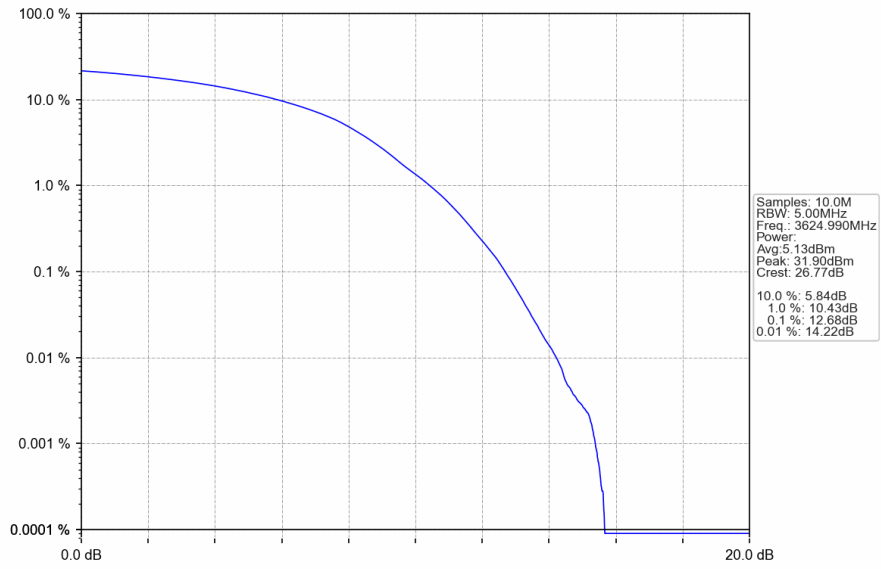
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK\_3679.98MHz\_Outer\_Full



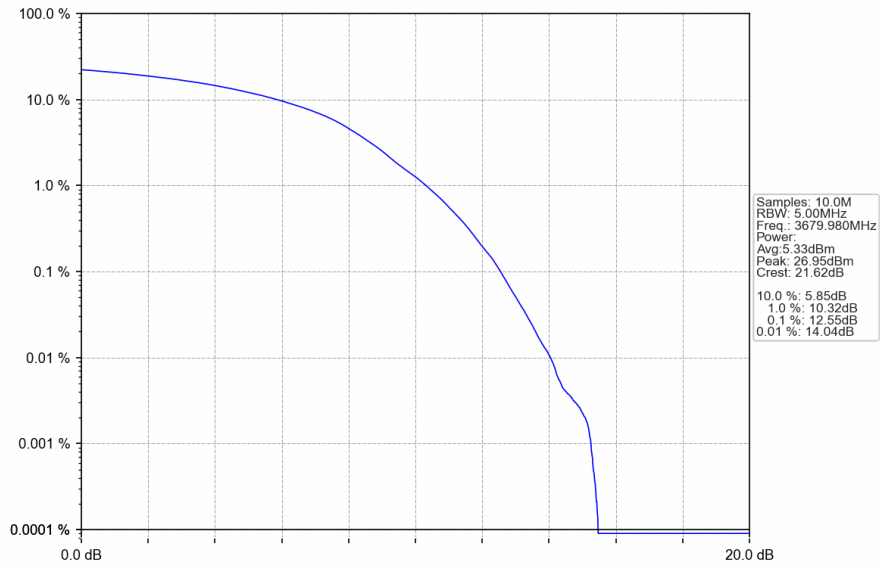
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM 16 QAM\_3570MHz\_Outer\_Full



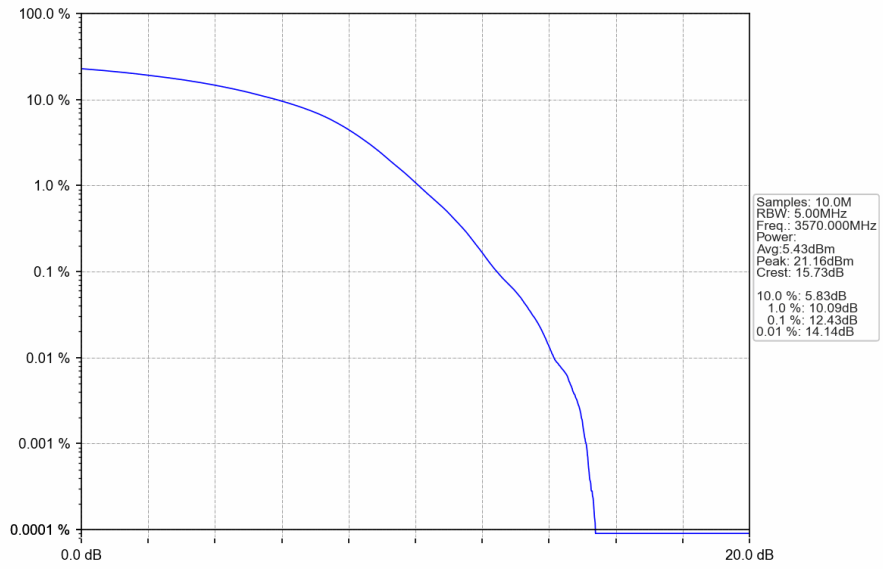
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_16\_QAM\_3624.99MHz\_Outer\_Full



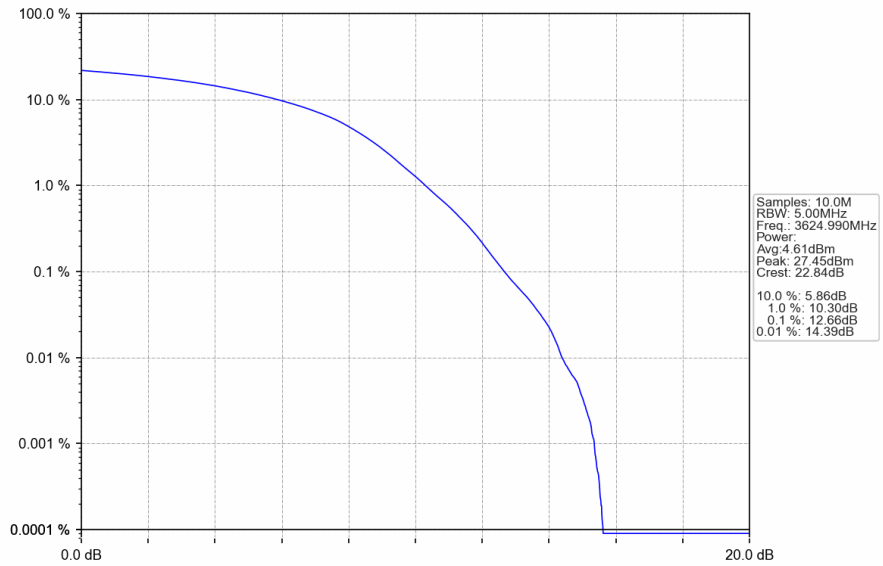
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_16\_QAM\_3679.98MHz\_Outer\_Full



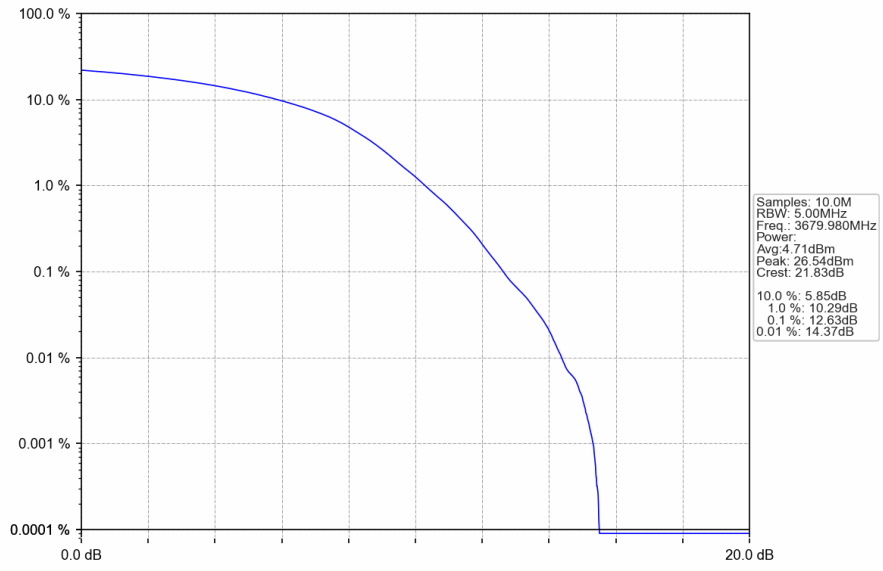
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM 64 QAM\_3570MHz\_Outer\_Full



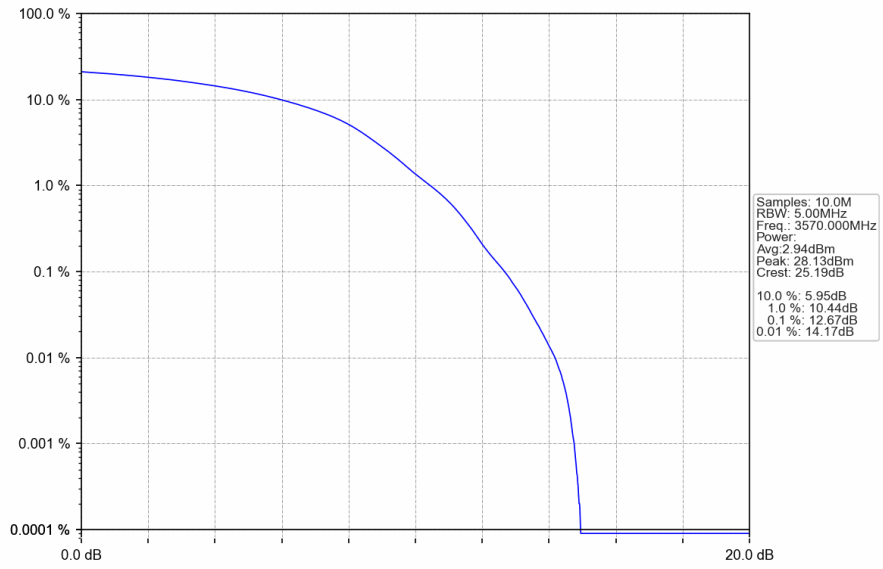
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM 64 QAM\_3624.99MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM 64 QAM\_3679.98MHz\_Outer\_Full

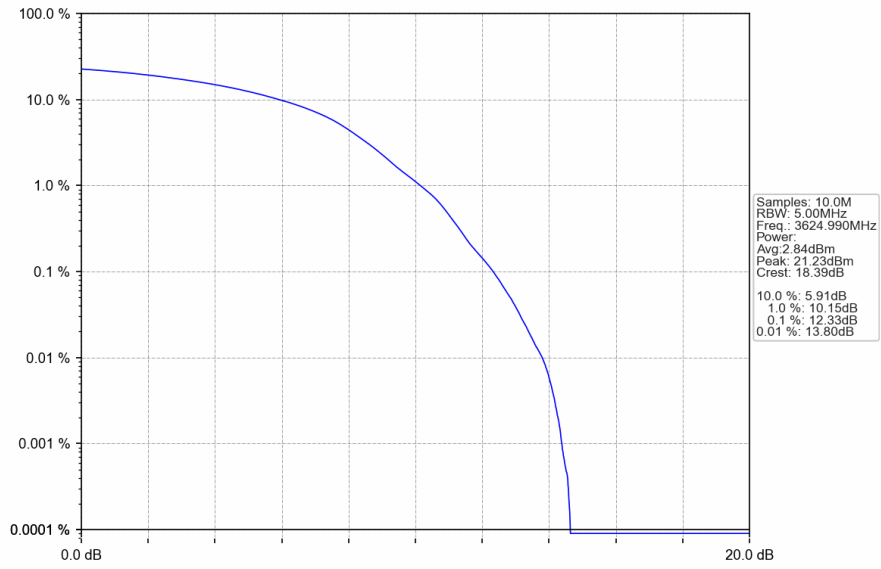


n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM 256 QAM\_3570MHz\_Outer\_Full

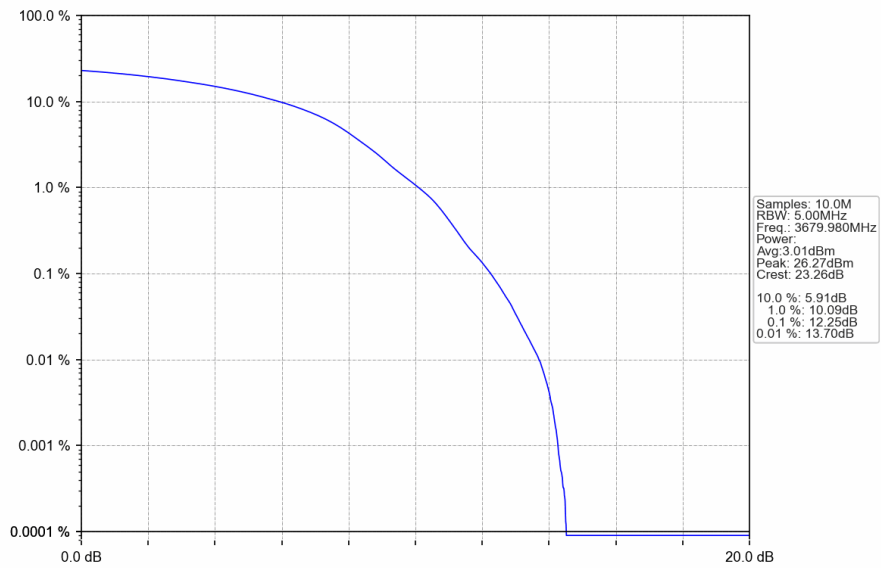




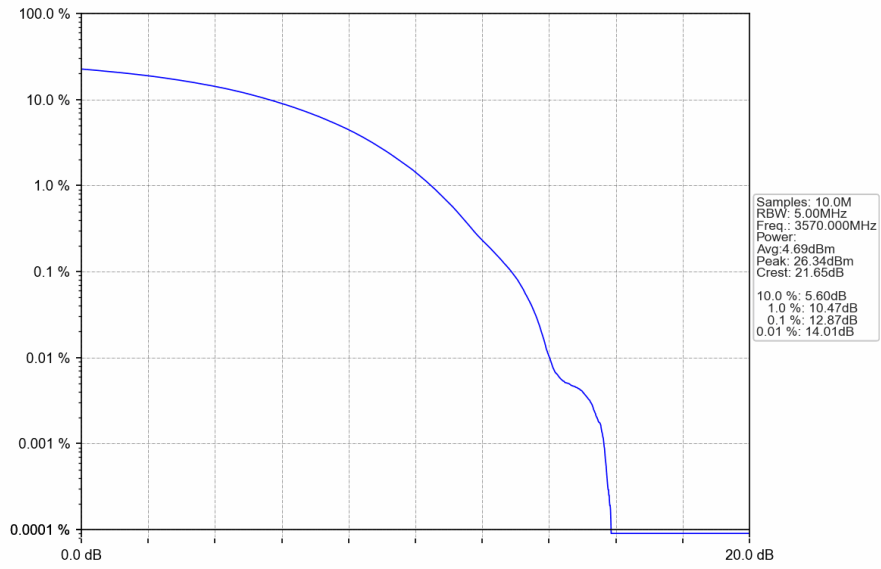
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_256\_QAM\_3624.99MHz\_Outer\_Full



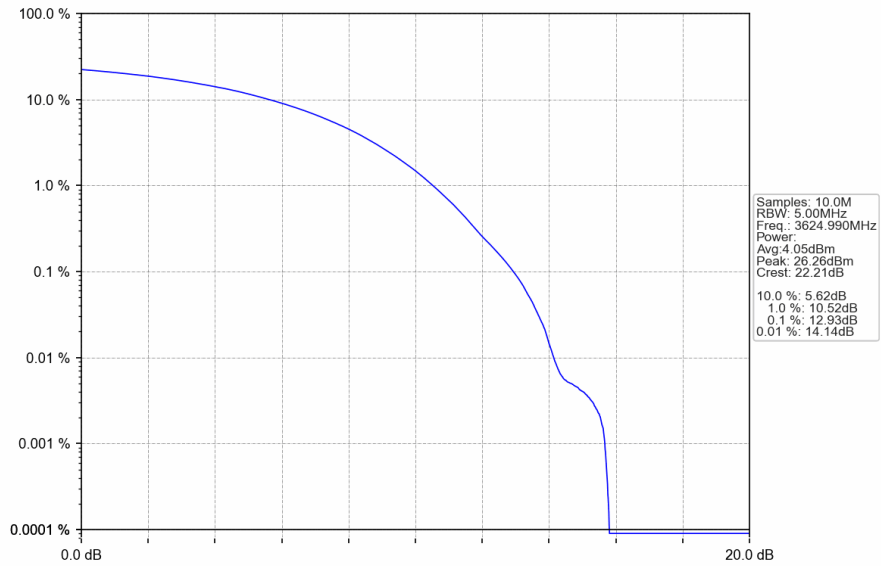
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_256\_QAM\_3679.98MHz\_Outer\_Full



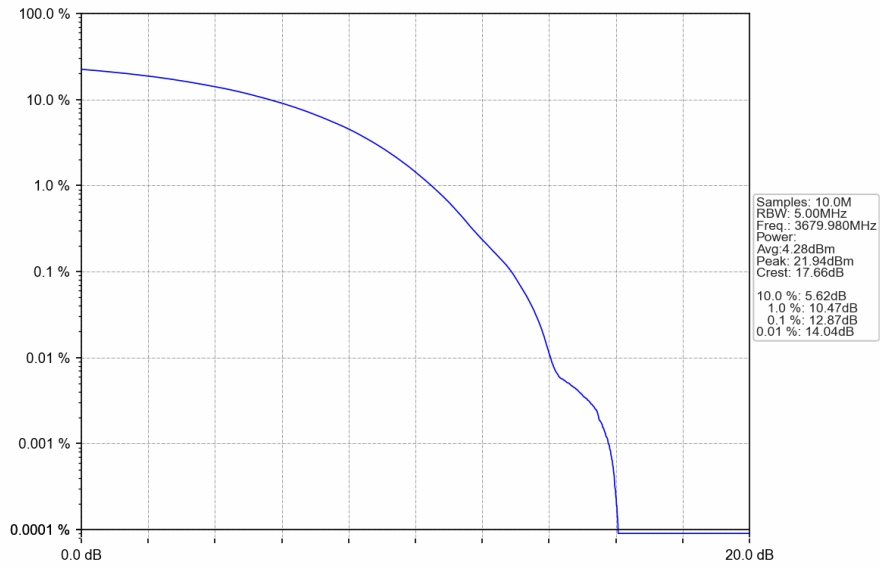
n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3570MHz\_Outer\_Full



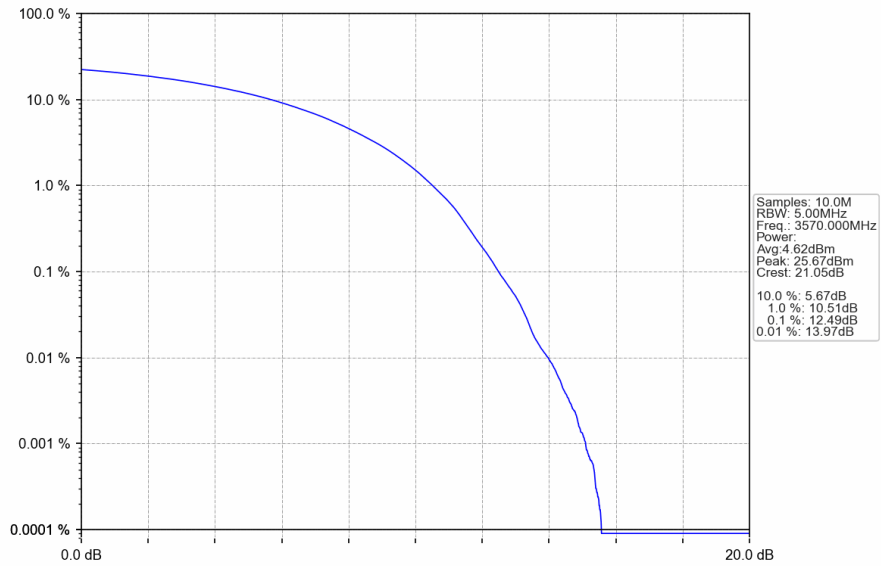
n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3624.99MHz\_Outer\_Full



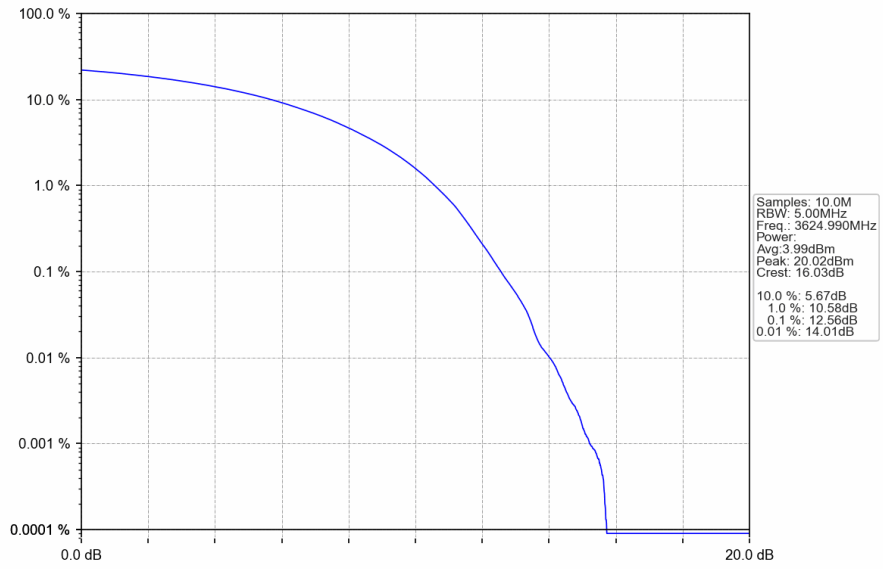
n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3679.98MHz\_Outer\_Full



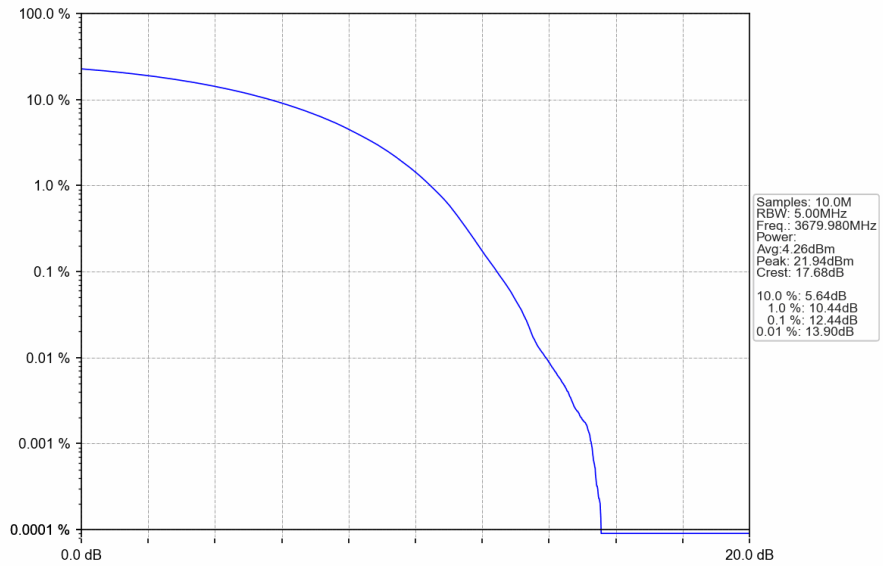
n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM 16 QAM\_3570MHz\_Outer\_Full



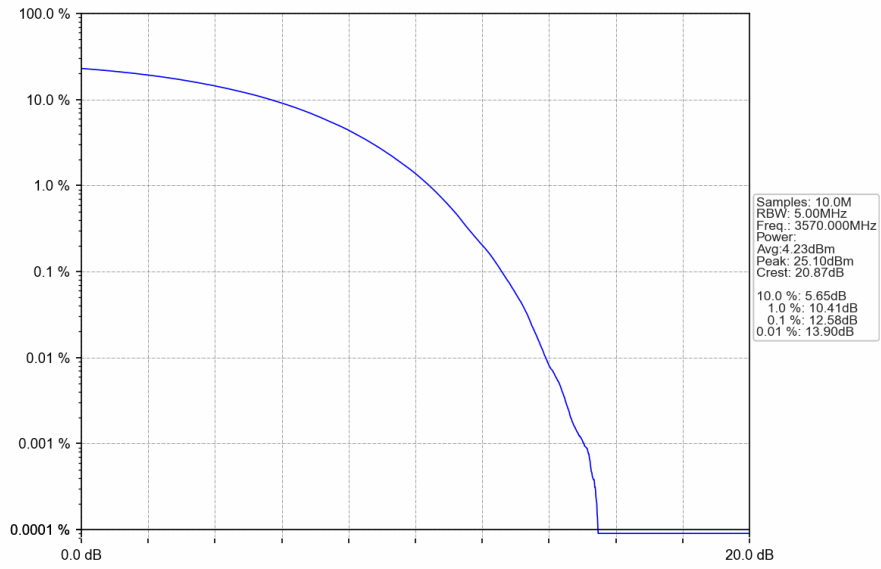
n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_16QAM\_3624.99MHz\_Outer\_Full



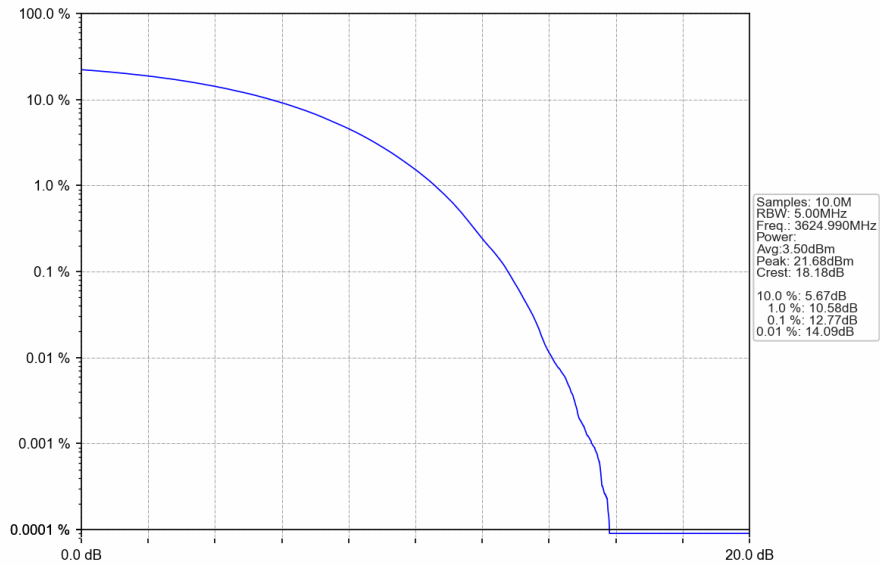
n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_16QAM\_3679.98MHz\_Outer\_Full



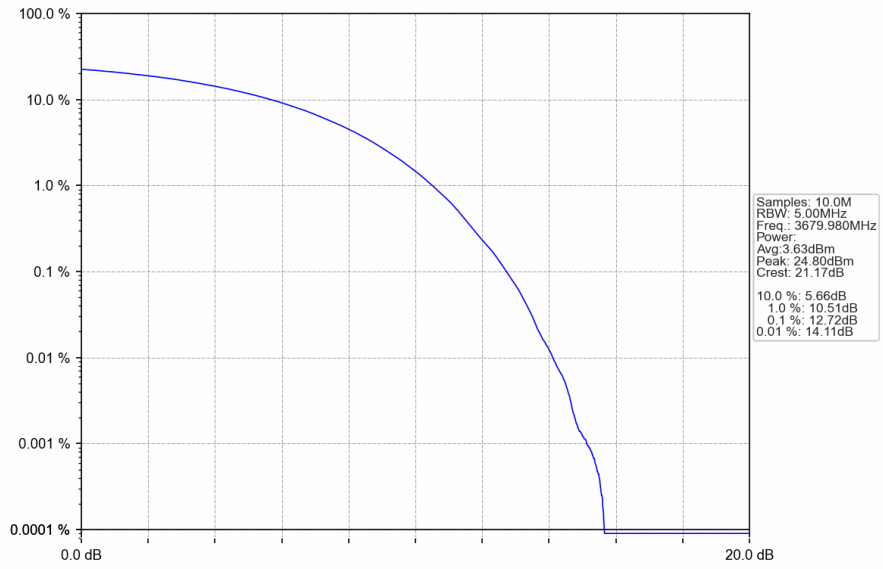
n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM 64 QAM\_3570MHz\_Outer\_Full



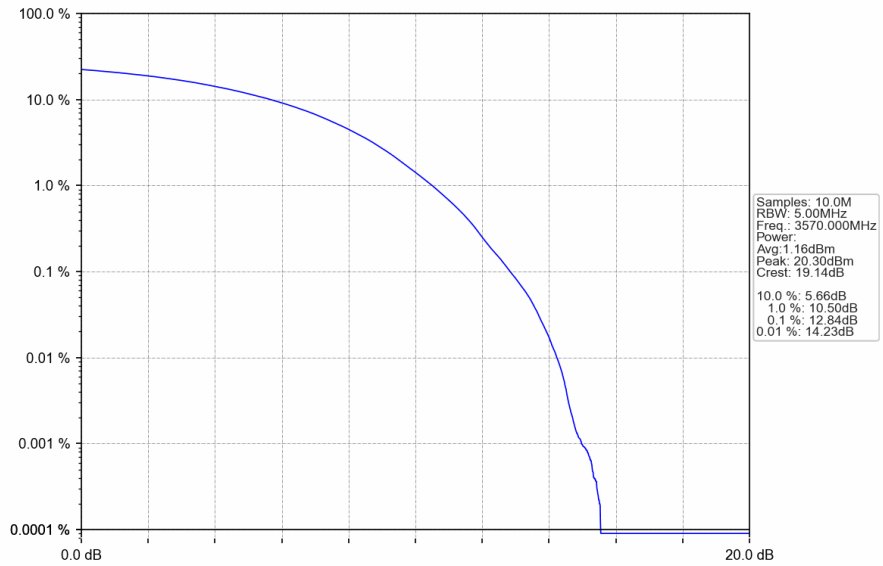
n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM 64 QAM\_3624.99MHz\_Outer\_Full



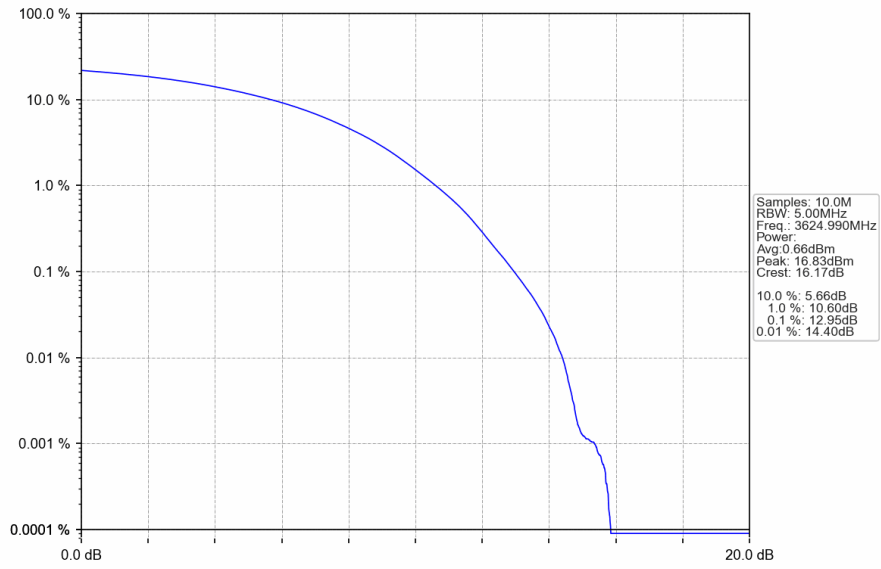
n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM 64 QAM\_3679.98MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM 256 QAM\_3570MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_256\_QAM\_3624.99MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_256\_QAM\_3679.98MHz\_Outer\_Full

