

# 1. Peak-Average Ratio Data

SISO Ant 3:

LTE TDD Band 48, Nominal Bandwidth: 5MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.24	13	Pass
	M	Full	0	9.2	13	Pass
	H	Full	0	8.96	13	Pass
64QAM	L	Full	0	9.92	13	Pass
	M	Full	0	8.44	13	Pass
	H	Full	0	8.32	13	Pass
QPSK	L	Full	0	7.48	13	Pass
	M	Full	0	9.04	13	Pass
	H	Full	0	8.2	13	Pass

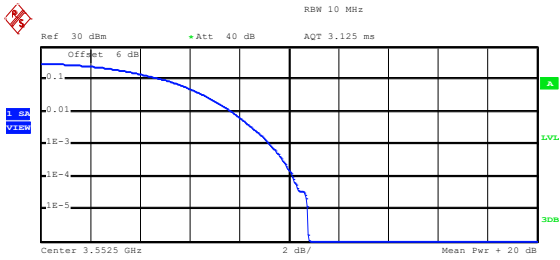
LTE TDD Band 48, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.40	13	Pass
	M	Full	0	8.12	13	Pass
	H	Full	0	10.12	13	Pass
64QAM	L	Full	0	9.08	13	Pass
	M	Full	0	8.32	13	Pass
	H	Full	0	10.72	13	Pass
QPSK	L	Full	0	7.36	13	Pass
	M	Full	0	7.32	13	Pass
	H	Full	0	9.40	13	Pass

LTE TDD Band 48, Nominal Bandwidth: 15MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	10.36	13	Pass
	M	Full	0	11.52	13	Pass
	H	Full	0	8.88	13	Pass
64QAM	L	Full	0	10.28	13	Pass
	M	Full	0	12.92	13	Pass
	H	Full	0	8.76	13	Pass
QPSK	L	Full	0	9.48	13	Pass
	M	Full	0	10.92	13	Pass
	H	Full	0	7.56	13	Pass

LTE TDD Band 48, Nominal Bandwidth: 20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	11.40	13	Pass
	M	Full	0	8.88	13	Pass
	H	Full	0	9.84	13	Pass
64QAM	L	Full	0	11.56	13	Pass
	M	Full	0	8.96	13	Pass
	H	Full	0	8.92	13	Pass
QPSK	L	Full	0	8.48	13	Pass
	M	Full	0	8.56	13	Pass
	H	Full	0	9.96	13	Pass

## LTE TDD Band 48, Nominal Bandwidth: 5MHz

### 16QAM Low channel

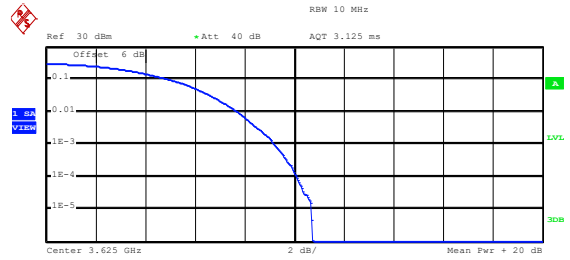


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 16.62 dBm  
 Peak 27.40 dBm  
 Crest 10.78 dB

10 % 5.08 dB  
 1 % 7.76 dB  
 .1 % 9.24 dB  
 .01 % 10.16 dB

### 16QAM Middle channel

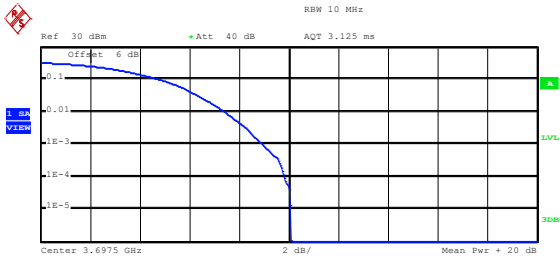


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 18.52 dBm  
 Peak 29.24 dBm  
 Crest 10.72 dB

10 % 5.12 dB  
 1 % 7.76 dB  
 .1 % 9.20 dB  
 .01 % 10.12 dB

### 16QAM High channel

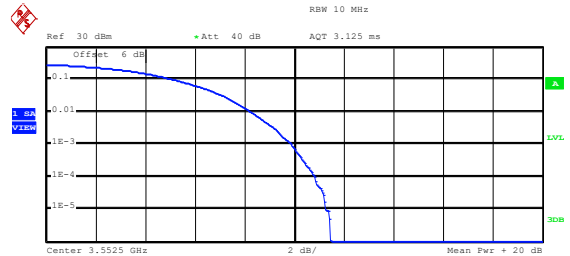


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 19.58 dBm  
 Peak 29.66 dBm  
 Crest 10.08 dB

10 % 4.92 dB  
 1 % 7.48 dB  
 .1 % 8.96 dB  
 .01 % 9.84 dB

### 64QAM Low channel

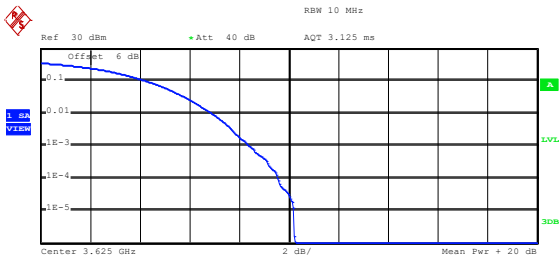


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 15.31 dBm  
 Peak 26.77 dBm  
 Crest 11.45 dB

10 % 5.32 dB  
 1 % 8.28 dB  
 .1 % 9.92 dB  
 .01 % 10.84 dB

### 64QAM Middle channel

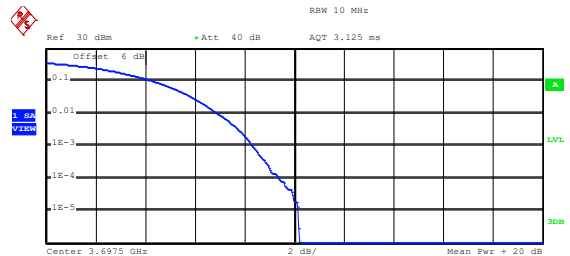


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 18.80 dBm  
 Peak 29.02 dBm  
 Crest 10.23 dB

10 % 4.36 dB  
 1 % 6.96 dB  
 .1 % 8.44 dB  
 .01 % 9.56 dB

### 64QAM High channel

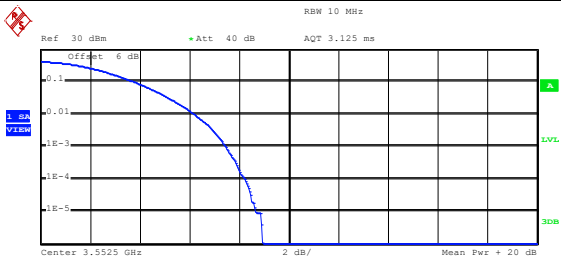


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 19.68 dBm  
 Peak 29.87 dBm  
 Crest 10.19 dB

10 % 4.44 dB  
 1 % 6.96 dB  
 .1 % 8.32 dB  
 .01 % 9.40 dB

### QPSK Low channel

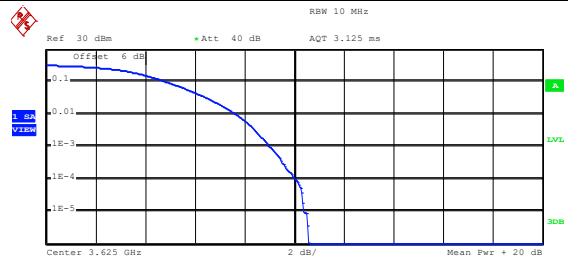


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 18.89 dBm  
 Peak 27.83 dBm  
 Crest 8.93 dB

10 %	3.88 dB
1 %	6.24 dB
.1 %	7.48 dB
.01 %	8.24 dB

### QPSK Middle channel

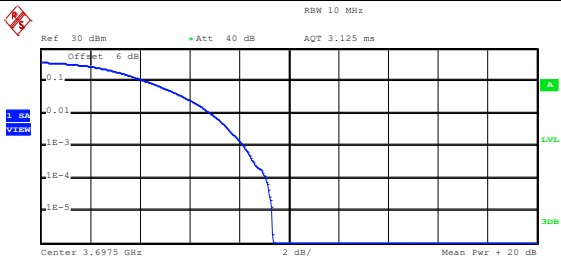


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 18.95 dBm  
 Peak 29.52 dBm  
 Crest 10.57 dB

10 %	4.96 dB
1 %	7.68 dB
.1 %	9.04 dB
.01 %	10.08 dB

### QPSK High channel



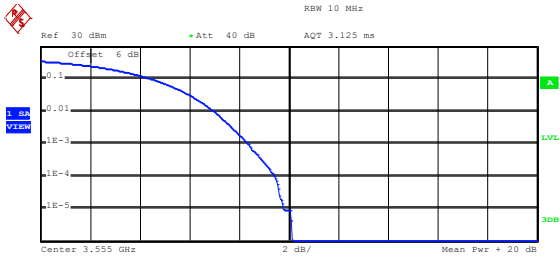
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 20.81 dBm  
 Peak 30.15 dBm  
 Crest 9.35 dB

10 %	4.36 dB
1 %	6.88 dB
.1 %	8.20 dB
.01 %	9.08 dB

## LTE TDD Band 48, Nominal Bandwidth: 10MHz

### 16QAM Low channel

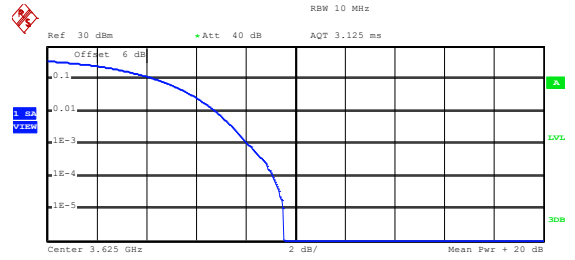


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 17.06 dBm  
Peak 27.19 dBm  
Crest 10.13 dB

10 %	4.60 dB
1 %	7.04 dB
.1 %	8.40 dB
.01 %	9.44 dB

### 16QAM Middle channel

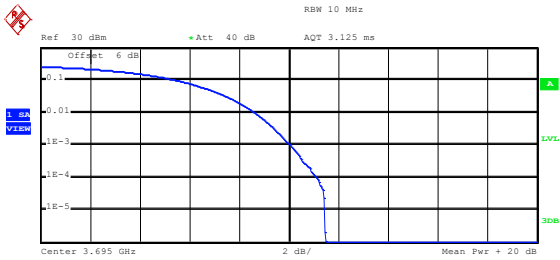


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 19.27 dBm  
Peak 28.81 dBm  
Crest 9.54 dB

10 %	4.48 dB
1 %	6.84 dB
.1 %	8.12 dB
.01 %	9.12 dB

### 16QAM High channel

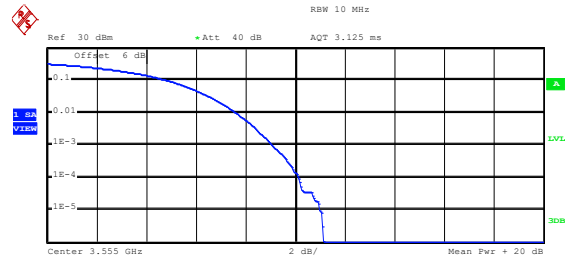


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 17.85 dBm  
Peak 29.31 dBm  
Crest 11.46 dB

10 %	5.64 dB
1 %	8.68 dB
.1 %	10.12 dB
.01 %	11.20 dB

### 64QAM Low channel

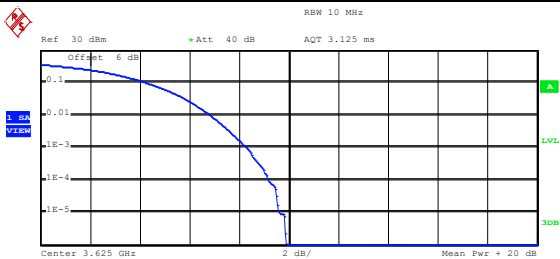


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 15.72 dBm  
Peak 26.84 dBm  
Crest 11.12 dB

10 %	4.96 dB
1 %	7.64 dB
.1 %	9.08 dB
.01 %	10.16 dB

### 64QAM Middle channel

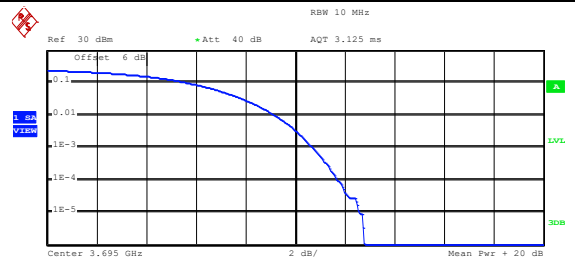


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 18.30 dBm  
Peak 28.18 dBm  
Crest 9.88 dB

10 %	4.40 dB
1 %	6.88 dB
.1 %	8.32 dB
.01 %	9.20 dB

### 64QAM High channel

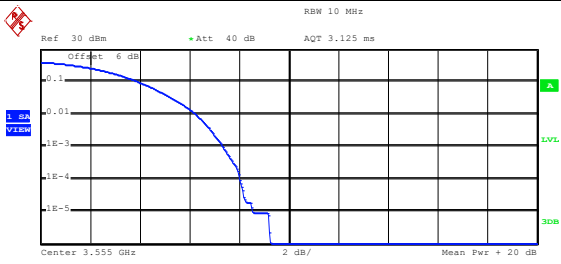


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 16.27 dBm  
Peak 29.02 dBm  
Crest 12.76 dB

10 %	5.88 dB
1 %	9.24 dB
.1 %	10.72 dB
.01 %	11.72 dB

### QPSK Low channel

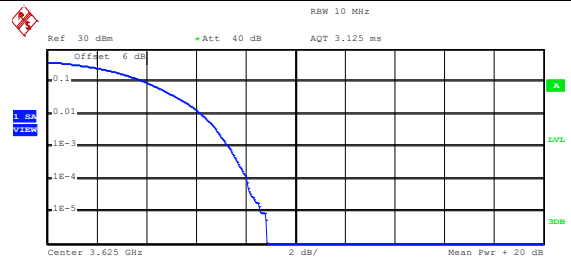


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 18.52 dBm  
 Peak 27.75 dBm  
 Crest 9.24 dB

10 %	4.00 dB
1 %	6.28 dB
.1 %	7.36 dB
.01 %	8.04 dB

### QPSK Middle channel

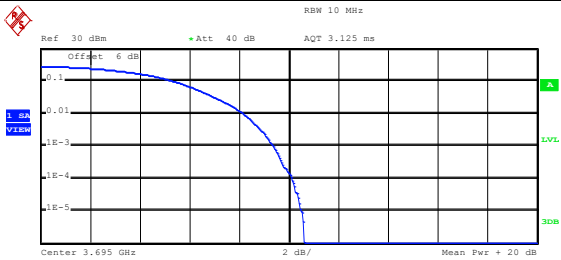


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 20.23 dBm  
 Peak 29.10 dBm  
 Crest 8.86 dB

10 %	4.00 dB
1 %	6.24 dB
.1 %	7.32 dB
.01 %	8.04 dB

### QPSK High channel



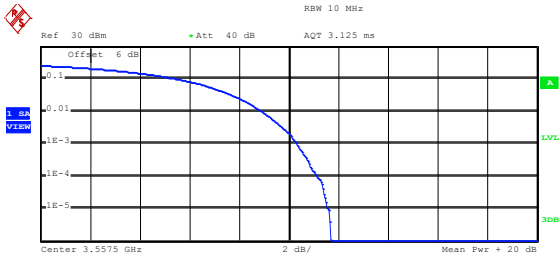
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 18.90 dBm  
 Peak 29.52 dBm  
 Crest 10.61 dB

10 %	5.48 dB
1 %	8.20 dB
.1 %	9.40 dB
.01 %	10.16 dB

## LTE TDD Band 48, Nominal Bandwidth: 15MHz

### 16QAM Low channel

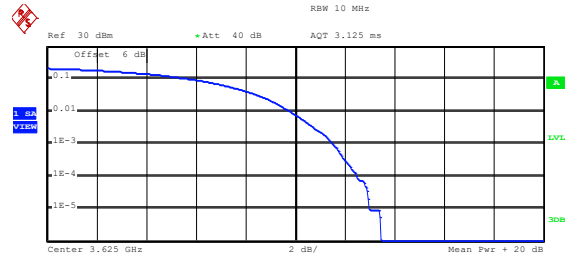


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 14.09 dBm  
Peak 25.78 dBm  
Crest 11.69 dB

10 % 5.72 dB  
1 % 8.96 dB  
.1 % 10.36 dB  
.01 % 11.16 dB

### 16QAM Middle channel

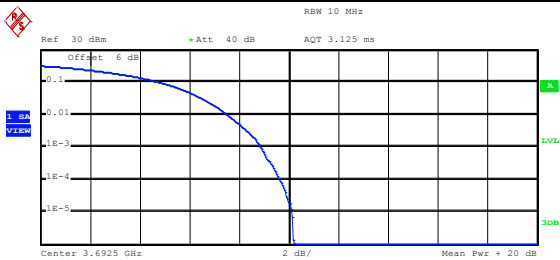


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 14.73 dBm  
Peak 28.18 dBm  
Crest 13.45 dB

10 % 6.08 dB  
1 % 9.84 dB  
.1 % 11.52 dB  
.01 % 12.48 dB

### 16QAM High channel

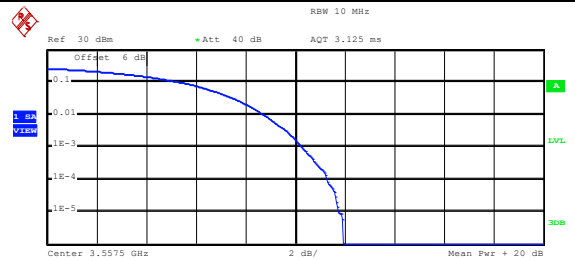


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 18.41 dBm  
Peak 28.60 dBm  
Crest 10.19 dB

10 % 4.96 dB  
1 % 7.56 dB  
.1 % 8.88 dB  
.01 % 9.64 dB

### 64QAM Low channel

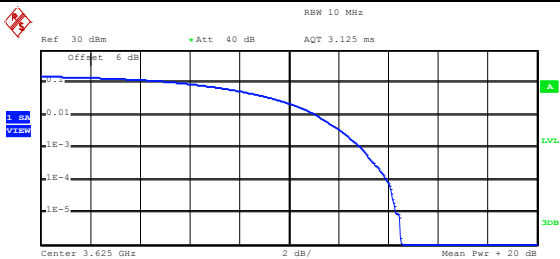


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 13.49 dBm  
Peak 25.43 dBm  
Crest 11.94 dB

10 % 5.60 dB  
1 % 8.80 dB  
.1 % 10.28 dB  
.01 % 11.32 dB

### 64QAM Middle channel

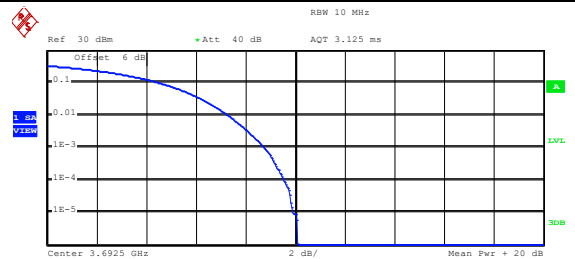


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 12.12 dBm  
Peak 26.63 dBm  
Crest 14.50 dB

10 % 6.08 dB  
1 % 11.16 dB  
.1 % 12.92 dB  
.01 % 13.96 dB

### 64QAM High channel

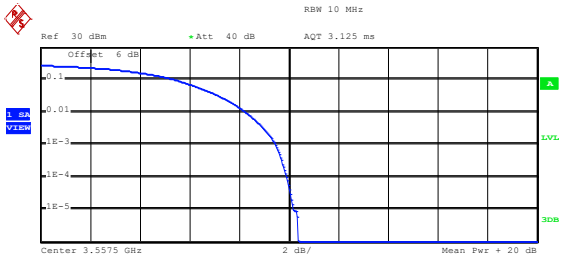


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 17.86 dBm  
Peak 27.97 dBm  
Crest 10.10 dB

10 % 4.68 dB  
1 % 7.32 dB  
.1 % 8.76 dB  
.01 % 9.56 dB

### QPSK Low channel

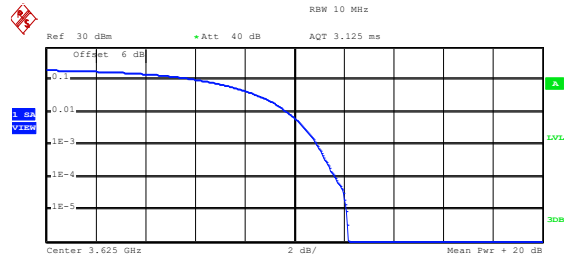


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 15.47 dBm  
 Peak 25.85 dBm  
 Crest 10.38 dB

10 %	5.56 dB
1 %	8.28 dB
.1 %	9.48 dB
.01 %	9.92 dB

### QPSK Middle channel

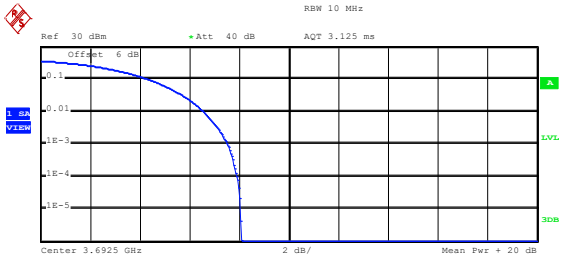


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 15.17 dBm  
 Peak 27.33 dBm  
 Crest 12.16 dB

10 %	6.36 dB
1 %	9.76 dB
.1 %	10.92 dB
.01 %	11.64 dB

### QPSK High channel



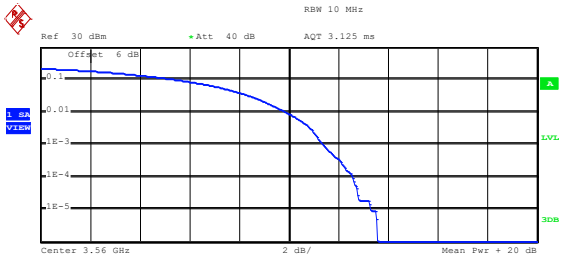
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 20.03 dBm  
 Peak 28.11 dBm  
 Crest 8.07 dB

10 %	4.44 dB
1 %	6.56 dB
.1 %	7.56 dB
.01 %	7.92 dB

## LTE TDD Band 48, Nominal Bandwidth: 20MHz

### 16QAM Low channel



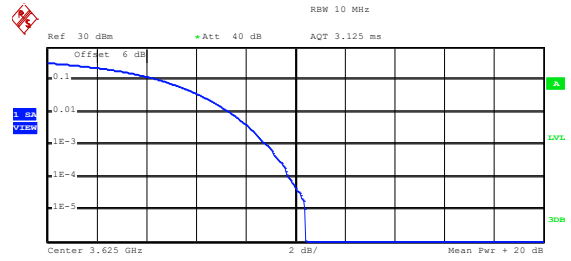
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean 12.42 dBm  
Peak 25.99 dBm  
Crest 13.57 dB

10 %	5.80 dB
1 %	9.96 dB
.1 %	11.40 dB
.01 %	12.60 dB

### 16QAM Middle channel



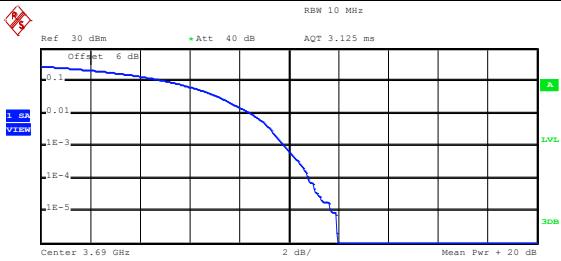
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean 17.13 dBm  
Peak 27.54 dBm  
Crest 10.42 dB

10 %	4.64 dB
1 %	7.40 dB
.1 %	8.88 dB
.01 %	9.76 dB

### 16QAM High channel



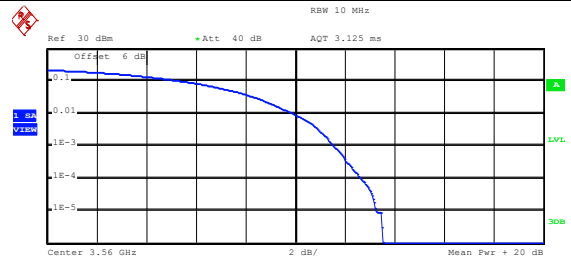
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean 17.14 dBm  
Peak 29.10 dBm  
Crest 11.95 dB

10 %	5.28 dB
1 %	8.52 dB
.1 %	9.84 dB
.01 %	10.80 dB

### 64QAM Low channel



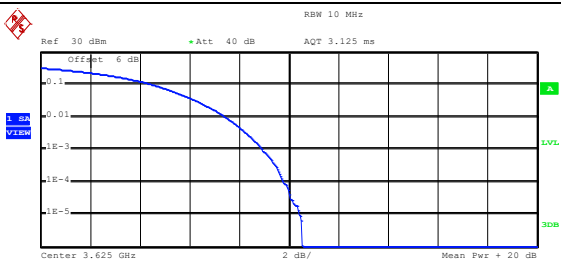
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean 11.49 dBm  
Peak 25.00 dBm  
Crest 13.52 dB

10 %	5.76 dB
1 %	10.00 dB
.1 %	11.56 dB
.01 %	12.64 dB

### 64QAM Middle channel



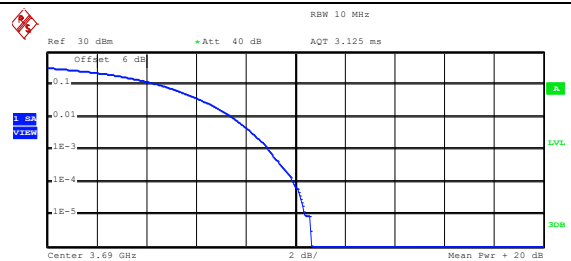
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean 16.15 dBm  
Peak 26.70 dBm  
Crest 10.55 dB

10 %	4.64 dB
1 %	7.48 dB
.1 %	8.96 dB
.01 %	9.80 dB

### 64QAM High channel



Complementary Cumulative Distribution Function (100000 samples)

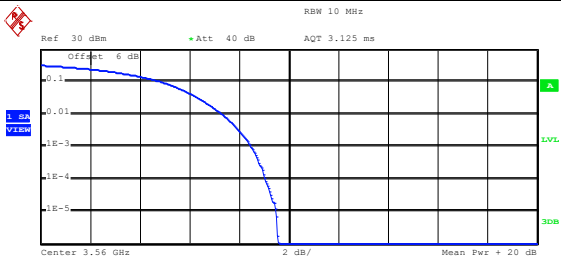
Trace 1

Mean 17.32 dBm  
Peak 27.97 dBm  
Crest 10.64 dB

10 %	4.64 dB
1 %	7.48 dB
.1 %	8.92 dB
.01 %	9.92 dB



### QPSK Low channel

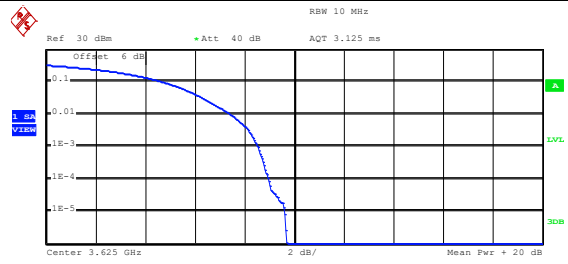


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 15.80 dBm  
 Peak 25.36 dBm  
 Crest 9.55 dB

10 %	5.00 dB
1 %	7.36 dB
.1 %	8.48 dB
.01 %	9.08 dB

### QPSK Middle channel

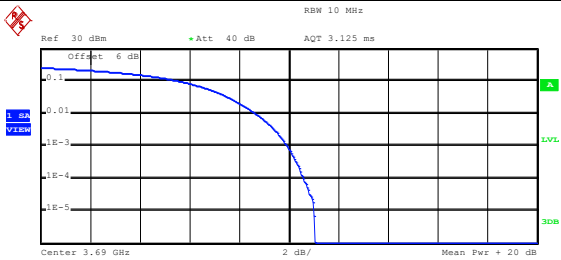


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 17.86 dBm  
 Peak 27.54 dBm  
 Crest 9.68 dB

10 %	4.80 dB
1 %	7.48 dB
.1 %	8.56 dB
.01 %	8.96 dB

### QPSK High channel



Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 16.99 dBm  
 Peak 28.04 dBm  
 Crest 11.04 dB

10 %	5.80 dB
1 %	8.72 dB
.1 %	9.96 dB
.01 %	10.60 dB

LTE TDD Band 48 Intra-band continuous CA, Nominal Bandwidth: 5-20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.48	13	Pass
	M	Full	0	8.96	13	Pass
	H	Full	0	8.92	13	Pass
64QAM	L	Full	0	8.60	13	Pass
	M	Full	0	8.76	13	Pass
	H	Full	0	9.04	13	Pass
QPSK	L	Full	0	8.64	13	Pass
	M	Full	0	8.96	13	Pass
	H	Full	0	8.80	13	Pass

LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 10-20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	12.12	13	Pass
	M	Full	0	8.52	13	Pass
	H	Full	0	8.72	13	Pass
64QAM	L	Full	0	8.52	13	Pass
	M	Full	0	8.60	13	Pass
	H	Full	0	8.72	13	Pass
QPSK	L	Full	0	9.92	13	Pass
	M	Full	0	8.64	13	Pass
	H	Full	0	10.60	13	Pass

LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 15-20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.04	13	Pass
	M	Full	0	9.52	13	Pass
	H	Full	0	10	13	Pass
64QAM	L	Full	0	2.84	13	Pass
	M	Full	0	8.52	13	Pass
	H	Full	0	8.64	13	Pass
QPSK	L	Full	0	8.24	13	Pass
	M	Full	0	7.84	13	Pass
	H	Full	0	7.68	13	Pass

LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20-5MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.52	13	Pass
	M	Full	0	8.6	13	Pass
	H	Full	0	10.44	13	Pass
64QAM	L	Full	0	8.72	13	Pass
	M	Full	0	8.56	13	Pass
	H	Full	0	10.64	13	Pass
QPSK	L	Full	0	8.56	13	Pass
	M	Full	0	8.48	13	Pass
	H	Full	0	11.92	13	Pass

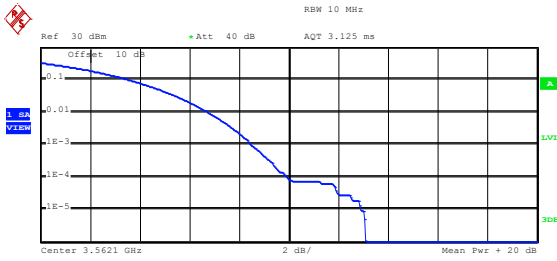
LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20-10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.52	13	Pass
	M	Full	0	9.08	13	Pass
	H	Full	0	2.68	13	Pass
64QAM	L	Full	0	9.52	13	Pass
	M	Full	0	11.56	13	Pass
	H	Full	0	10.48	13	Pass
QPSK	L	Full	0	9.96	13	Pass
	M	Full	0	11.6	13	Pass
	H	Full	0	9.04	13	Pass

LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20-15MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.44	13	Pass
	M	Full	0	11.16	13	Pass
	H	Full	0	8.68	13	Pass
64QAM	L	Full	0	11.4	13	Pass
	M	Full	0	10.48	13	Pass
	H	Full	0	10.96	13	Pass
QPSK	L	Full	0	7.32	13	Pass
	M	Full	0	10.84	13	Pass
	H	Full	0	7.84	13	Pass

LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20-20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.56	13	Pass
	M	Full	0	9.16	13	Pass
	H	Full	0	11.48	13	Pass
64QAM	L	Full	0	8.32	13	Pass
	M	Full	0	8.16	13	Pass
	H	Full	0	8.16	13	Pass
QPSK	L	Full	0	7.4	13	Pass
	M	Full	0	8.68	13	Pass
	H	Full	0	11.48	13	Pass

LTE TDD Band 48 Intra-band CA continuous, Nominal Bandwidth: 5-20MHz

16QAM Low channel

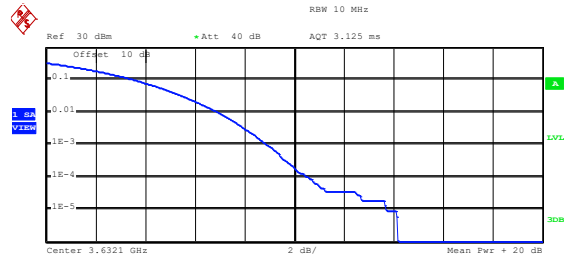


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -22.89 dBm  
 Peak -9.80 dBm  
 Crest 13.09 dB

10 %	3.68 dB
1 %	6.80 dB
.1 %	8.48 dB
.01 %	9.96 dB

16QAM Middle channel

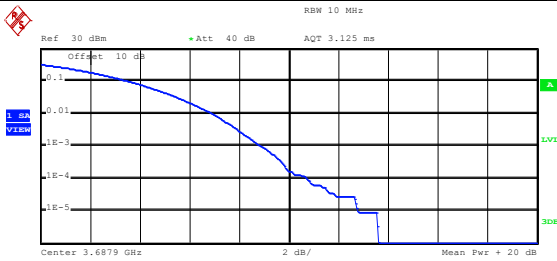


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -23.62 dBm  
 Peak -9.45 dBm  
 Crest 14.18 dB

10 %	3.68 dB
1 %	7.00 dB
.1 %	8.96 dB
.01 %	10.64 dB

16QAM High channel

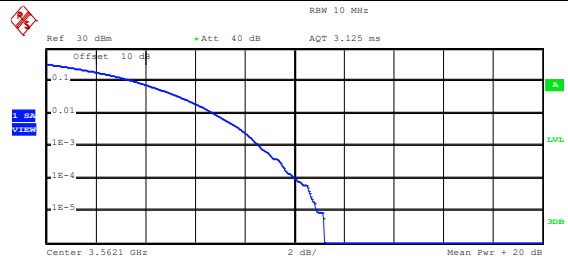


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -22.83 dBm  
 Peak -9.24 dBm  
 Crest 13.60 dB

10 %	3.72 dB
1 %	6.96 dB
.1 %	8.92 dB
.01 %	10.76 dB

64QAM Low channel

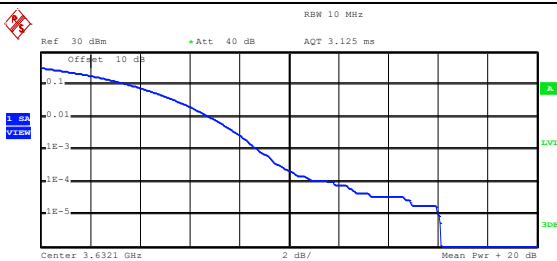


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -23.42 dBm  
 Peak -12.20 dBm  
 Crest 11.22 dB

10 %	3.68 dB
1 %	6.80 dB
.1 %	8.60 dB
.01 %	10.08 dB

64QAM Middle channel

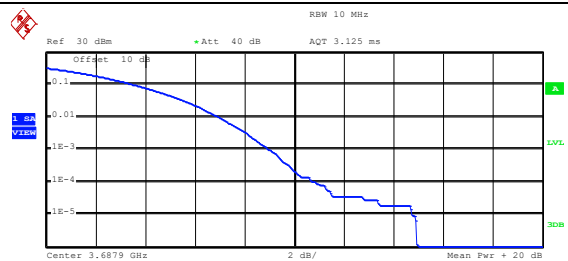


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -22.82 dBm  
 Peak -6.70 dBm  
 Crest 16.13 dB

10 %	3.72 dB
1 %	6.88 dB
.1 %	8.76 dB
.01 %	11.80 dB

64QAM High channel

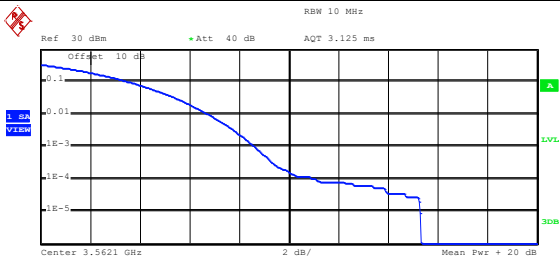


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -23.19 dBm  
 Peak -8.25 dBm  
 Crest 14.94 dB

10 %	3.68 dB
1 %	7.04 dB
.1 %	9.04 dB
.01 %	10.92 dB

### QPSK Low channel

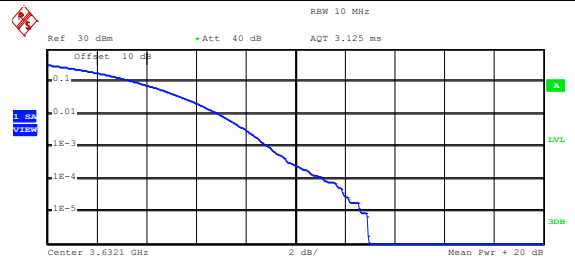


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean -22.94 dBm  
Peak -7.61 dBm  
Crest 15.32 dB

10 %	3.68 dB
1 %	6.80 dB
.1 %	8.64 dB
.01 %	11.16 dB

### QPSK Middle channel

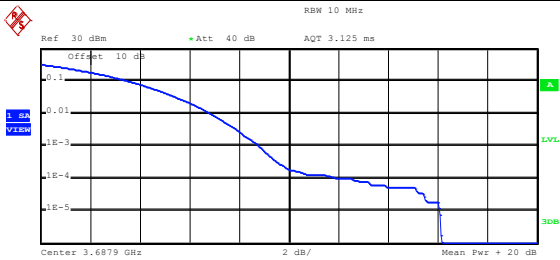


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean -23.17 dBm  
Peak -10.22 dBm  
Crest 12.95 dB

10 %	3.68 dB
1 %	6.96 dB
.1 %	8.96 dB
.01 %	11.20 dB

### QPSK High channel



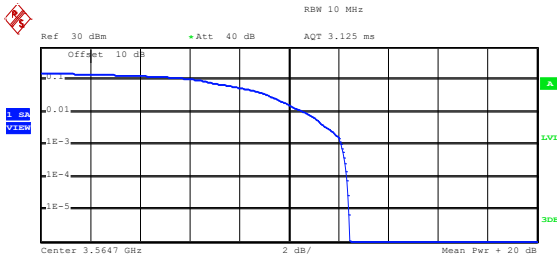
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean -22.84 dBm  
Peak -6.70 dBm  
Crest 16.14 dB

10 %	3.72 dB
1 %	6.88 dB
.1 %	8.80 dB
.01 %	12.68 dB

LTE TDD Band 48 Intra-band CA continuous, Nominal Bandwidth: 10-20MHz

16QAM Low channel

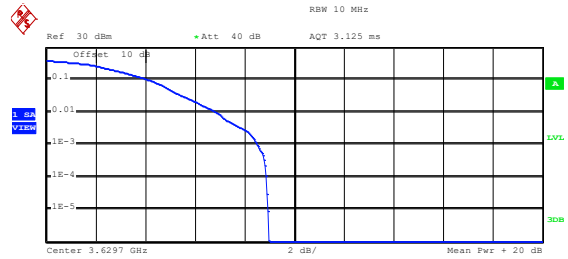


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 5.57 dBm  
 Peak 18.00 dBm  
 Crest 12.43 dB

10 % 6.60 dB  
 1 % 10.72 dB  
 .1 % 12.12 dB  
 .01 % 12.36 dB

16QAM Middle channel

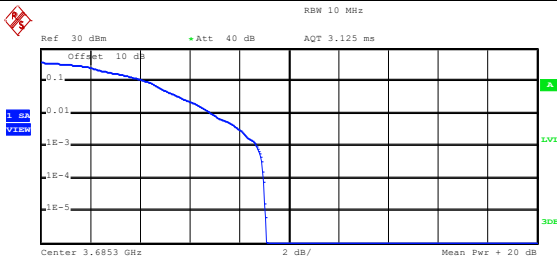


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 11.65 dBm  
 Peak 20.61 dBm  
 Crest 8.96 dB

10 % 4.24 dB  
 1 % 6.92 dB  
 .1 % 8.52 dB  
 .01 % 8.88 dB

16QAM High channel

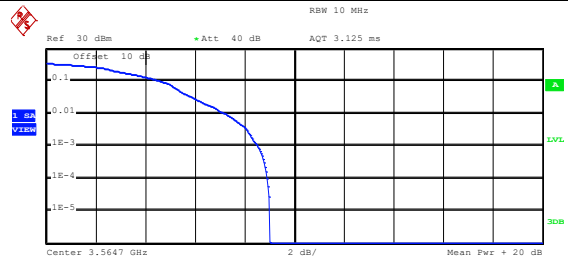


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 12.37 dBm  
 Peak 21.45 dBm  
 Crest 9.09 dB

10 % 4.36 dB  
 1 % 6.96 dB  
 .1 % 8.72 dB  
 .01 % 9.00 dB

64QAM Low channel

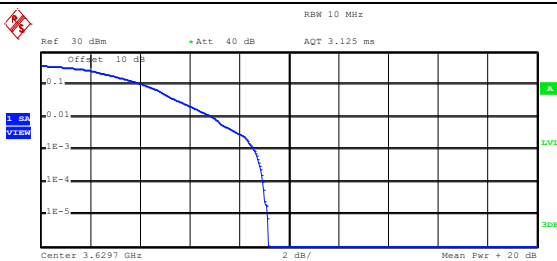


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 9.82 dBm  
 Peak 18.84 dBm  
 Crest 9.02 dB

10 % 4.76 dB  
 1 % 7.28 dB  
 .1 % 8.52 dB  
 .01 % 8.92 dB

64QAM Middle channel

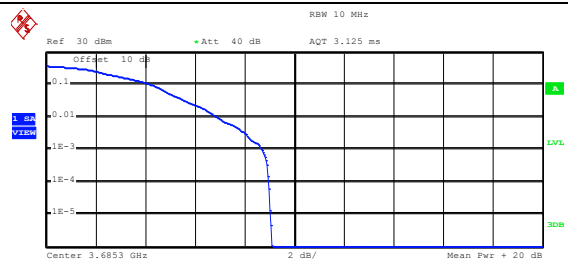


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 11.58 dBm  
 Peak 20.75 dBm  
 Crest 9.17 dB

10 % 4.24 dB  
 1 % 6.96 dB  
 .1 % 8.60 dB  
 .01 % 8.96 dB

64QAM High channel

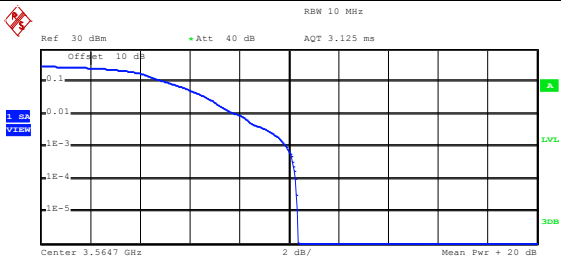


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 12.36 dBm  
 Peak 21.45 dBm  
 Crest 9.10 dB

10 % 4.36 dB  
 1 % 6.92 dB  
 .1 % 8.72 dB  
 .01 % 9.00 dB

### QPSK Low channel

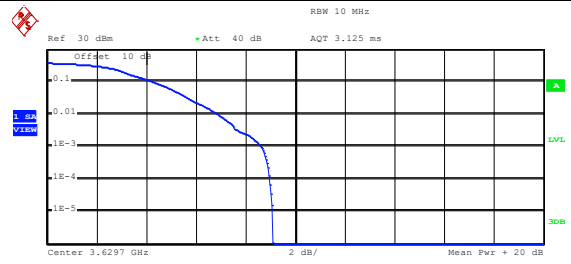


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 7.92 dBm  
 Peak 18.28 dBm  
 Crest 10.36 dB

10 %	5.16 dB
1 %	8.00 dB
.1 %	9.92 dB
.01 %	10.28 dB

### QPSK Middle channel

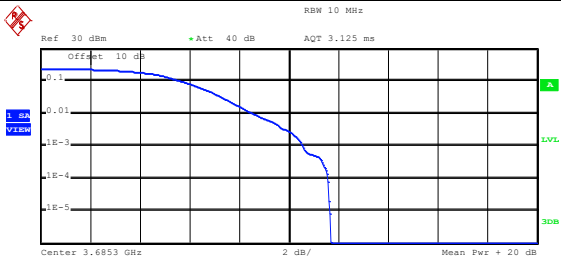


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 10.87 dBm  
 Peak 19.97 dBm  
 Crest 9.10 dB

10 %	4.36 dB
1 %	6.92 dB
.1 %	8.64 dB
.01 %	9.00 dB

### QPSK High channel



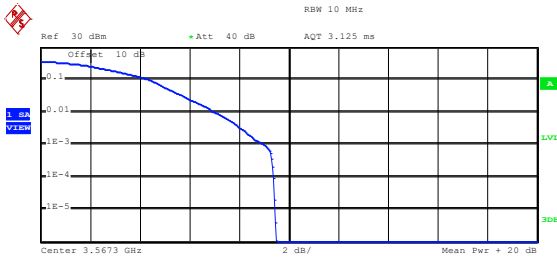
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 9.34 dBm  
 Peak 21.03 dBm  
 Crest 11.69 dB

10 %	5.80 dB
1 %	8.64 dB
.1 %	10.60 dB
.01 %	11.60 dB

LTE TDD Band 48 Intra-band CA continuous, Nominal Bandwidth: 15-20MHz

16QAM Low channel

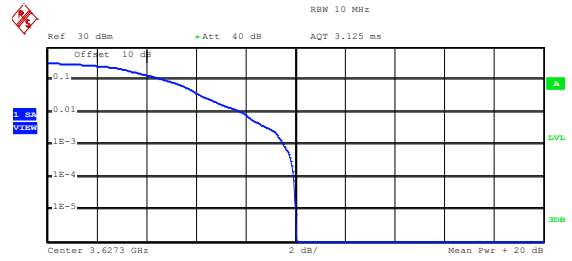


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 11.70 dBm  
 Peak 21.17 dBm  
 Crest 9.47 dB

10 %	4.44 dB
1 %	7.08 dB
.1 %	9.04 dB
.01 %	9.40 dB

16QAM Middle channel

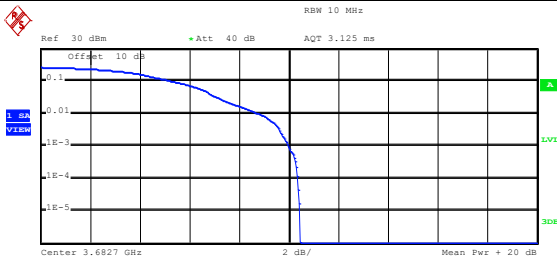


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 11.90 dBm  
 Peak 21.95 dBm  
 Crest 10.05 dB

10 %	4.88 dB
1 %	7.88 dB
.1 %	9.52 dB
.01 %	9.96 dB

16QAM High channel

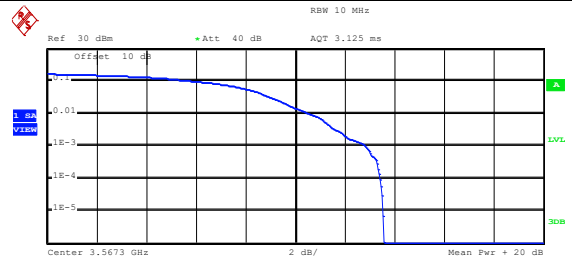


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 11.70 dBm  
 Peak 22.16 dBm  
 Crest 10.46 dB

10 %	5.48 dB
1 %	8.88 dB
.1 %	10.00 dB
.01 %	10.36 dB

64QAM Low channel

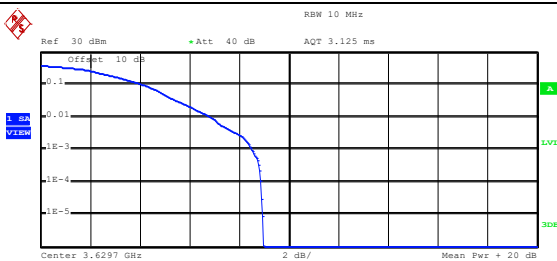


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 6.85 dBm  
 Peak 20.40 dBm  
 Crest 13.55 dB

10 %	6.40 dB
1 %	10.64 dB
.1 %	12.84 dB
.01 %	13.44 dB

64QAM Middle channel

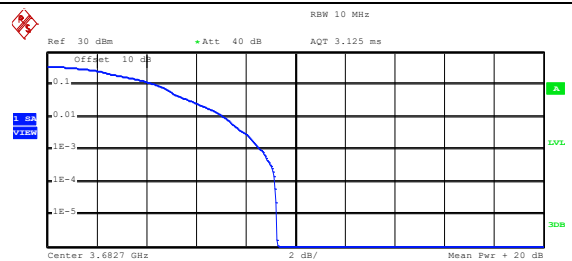


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 11.65 dBm  
 Peak 20.61 dBm  
 Crest 8.96 dB

10 %	4.24 dB
1 %	6.92 dB
.1 %	8.52 dB
.01 %	8.88 dB

64QAM High channel



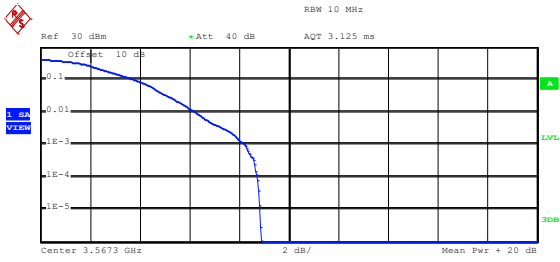
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 13.67 dBm  
 Peak 22.94 dBm  
 Crest 9.26 dB

10 %	4.48 dB
1 %	7.16 dB
.1 %	8.64 dB
.01 %	9.20 dB



### QPSK Low channel

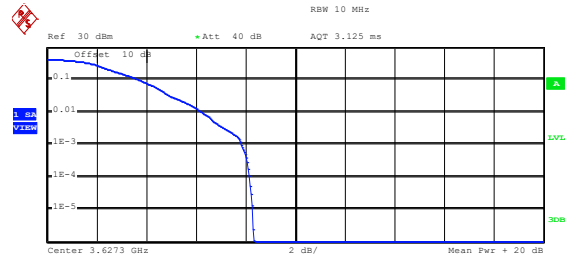


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 11.81 dBm  
Peak 20.68 dBm  
Crest 8.87 dB

10 %	3.88 dB
1 %	6.28 dB
.1 %	8.24 dB
.01 %	8.72 dB

### QPSK Middle channel

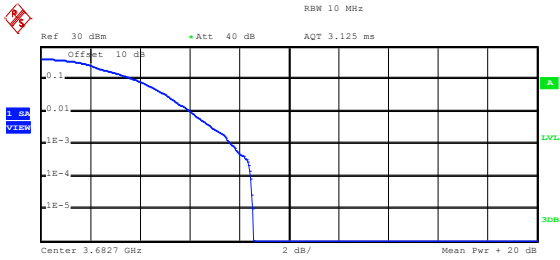


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 13.00 dBm  
Peak 21.31 dBm  
Crest 8.31 dB

10 %	3.76 dB
1 %	6.28 dB
.1 %	7.84 dB
.01 %	8.16 dB

### QPSK High channel



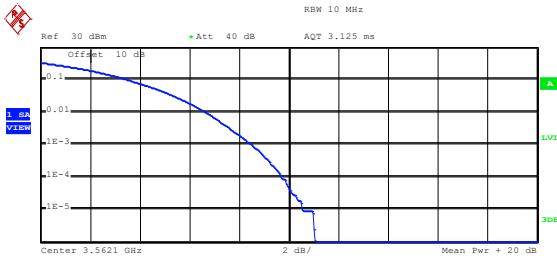
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 13.86 dBm  
Peak 22.44 dBm  
Crest 8.58 dB

10 %	3.88 dB
1 %	6.08 dB
.1 %	7.68 dB
.01 %	8.48 dB

LTE TDD Band 48 Intra-band CA continuous, Nominal Bandwidth: 20-5MHz

16QAM Low channel



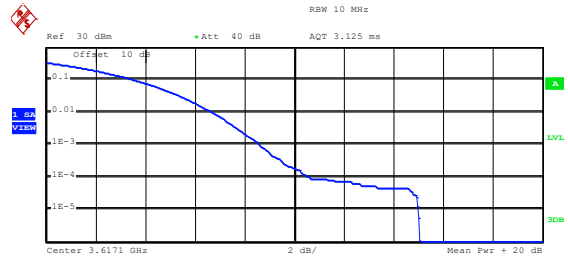
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -24.08 dBm  
Peak -13.05 dBm  
Crest 11.04 dB

10 % 3.64 dB  
1 % 6.68 dB  
.1 % 8.52 dB  
.01 % 9.76 dB

16QAM Middle channel



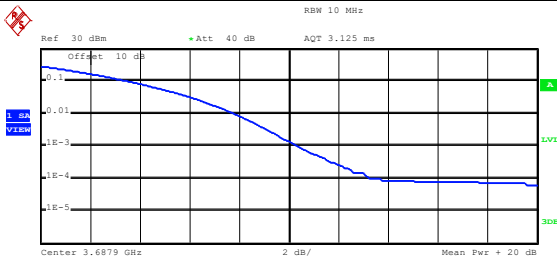
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -23.86 dBm  
Peak -8.81 dBm  
Crest 15.05 dB

10 % 3.68 dB  
1 % 6.72 dB  
.1 % 8.60 dB  
.01 % 11.24 dB

16QAM High channel



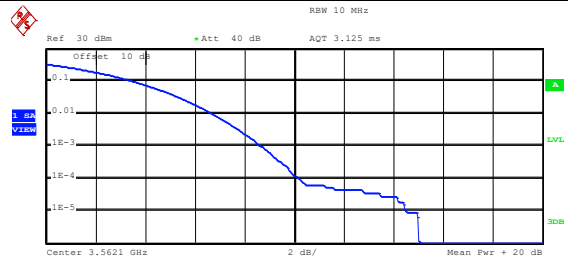
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -22.14 dBm  
Peak 1.49 dBm  
Crest 23.62 dB

10 % 3.76 dB  
1 % 7.88 dB  
.1 % 10.44 dB  
.01 % 14.96 dB

64QAM Low channel



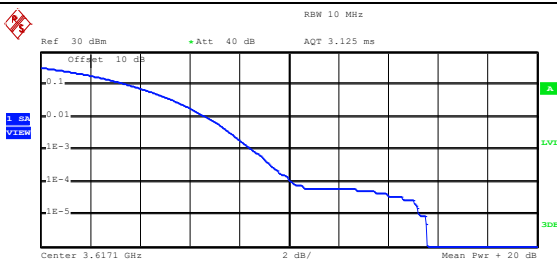
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -23.83 dBm  
Peak -8.81 dBm  
Crest 15.02 dB

10 % 3.64 dB  
1 % 6.72 dB  
.1 % 8.72 dB  
.01 % 10.24 dB

64QAM Middle channel



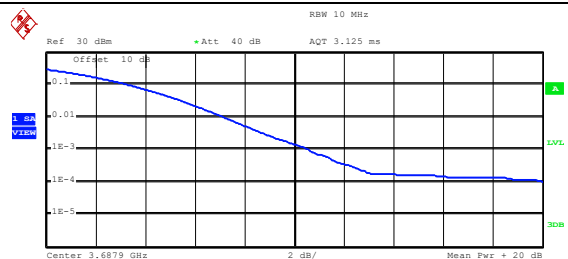
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -23.81 dBm  
Peak -8.25 dBm  
Crest 15.57 dB

10 % 3.68 dB  
1 % 6.76 dB  
.1 % 8.56 dB  
.01 % 10.16 dB

64QAM High channel



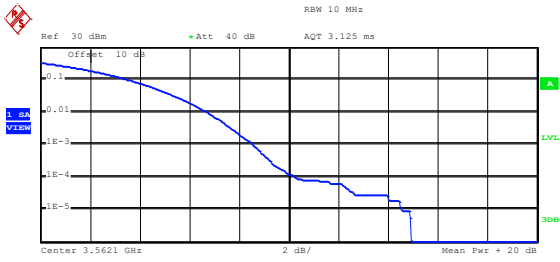
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -22.70 dBm  
Peak 6.29 dBm  
Crest 28.99 dB

10 % 3.48 dB  
1 % 7.28 dB  
.1 % 10.64 dB  
.01 % 20.00 dB

### QPSK Low channel

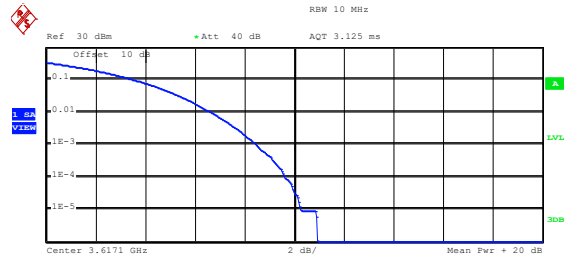


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -23.95 dBm  
 Peak -9.02 dBm  
 Crest 14.93 dB

10 %	3.68 dB
1 %	6.76 dB
.1 %	8.56 dB
.01 %	10.40 dB

### QPSK Middle channel

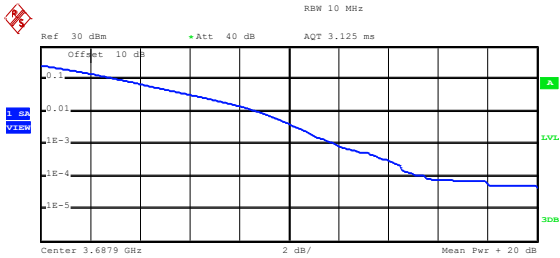


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -23.78 dBm  
 Peak -12.83 dBm  
 Crest 10.94 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.48 dB
.01 %	9.68 dB

### QPSK High channel



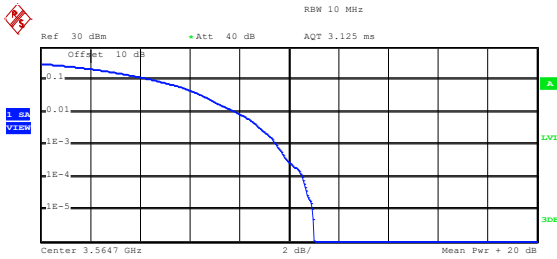
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -22.36 dBm  
 Peak 6.14 dBm  
 Crest 28.51 dB

10 %	3.36 dB
1 %	8.92 dB
.1 %	11.92 dB
.01 %	15.60 dB

LTE TDD Band 48 Intra-band CA continuous, Nominal Bandwidth: 20-10MHz

16QAM Low channel

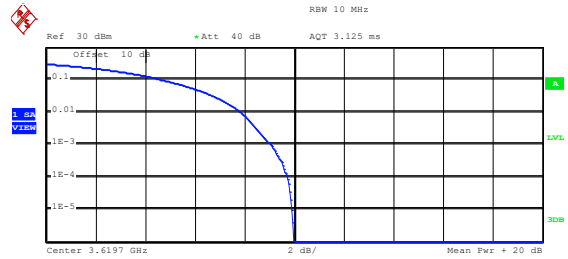


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 2.47 dBm  
 Peak 13.48 dBm  
 Crest 11.02 dB

10 %	4.72 dB
1 %	7.96 dB
.1 %	9.52 dB
.01 %	10.56 dB

16QAM Middle channel

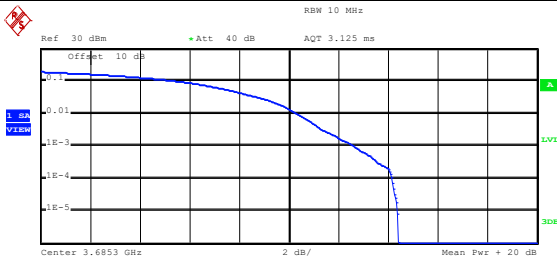


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 3.02 dBm  
 Peak 12.99 dBm  
 Crest 9.97 dB

10 %	4.84 dB
1 %	7.84 dB
.1 %	9.08 dB
.01 %	9.76 dB

16QAM High channel

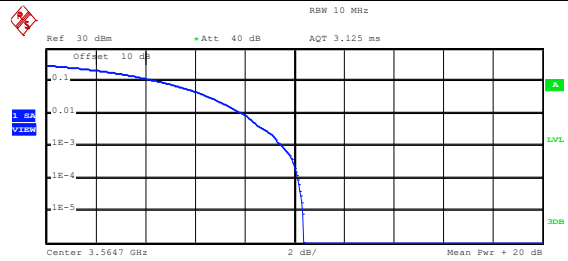


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -0.21 dBm  
 Peak 14.19 dBm  
 Crest 14.40 dB

10 %	5.92 dB
1 %	10.40 dB
.1 %	12.68 dB
.01 %	14.16 dB

64QAM Low channel

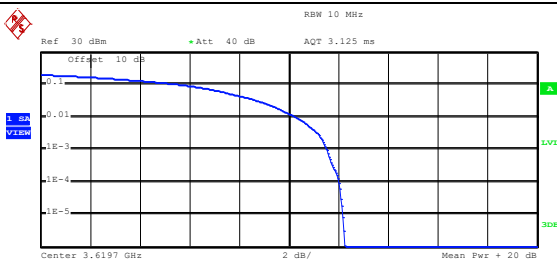


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 2.41 dBm  
 Peak 12.78 dBm  
 Crest 10.37 dB

10 %	4.68 dB
1 %	7.96 dB
.1 %	9.52 dB
.01 %	10.16 dB

64QAM Middle channel

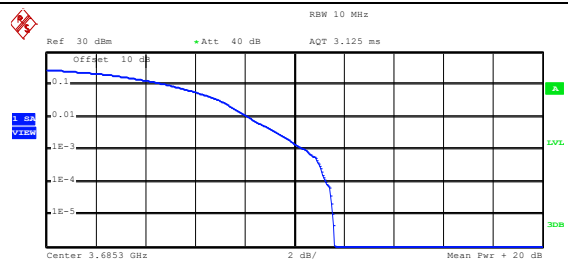


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 0.11 dBm  
 Peak 12.35 dBm  
 Crest 12.24 dB

10 %	6.04 dB
1 %	10.32 dB
.1 %	11.56 dB
.01 %	12.04 dB

64QAM High channel

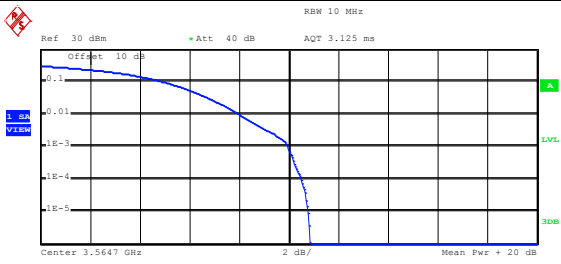


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 2.58 dBm  
 Peak 14.19 dBm  
 Crest 11.61 dB

10 %	5.08 dB
1 %	8.20 dB
.1 %	10.48 dB
.01 %	11.28 dB

### QPSK Low channel

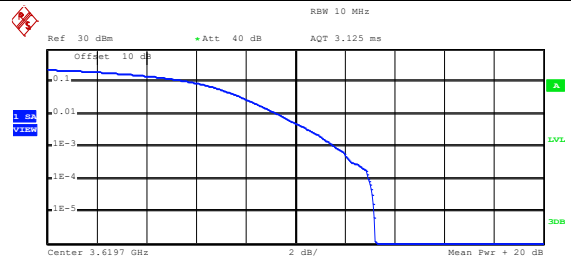


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 1.15 dBm  
 Peak 12.00 dBm  
 Crest 10.85 dB

10 %	5.08 dB
1 %	8.04 dB
.1 %	9.96 dB
.01 %	10.52 dB

### QPSK Middle channel

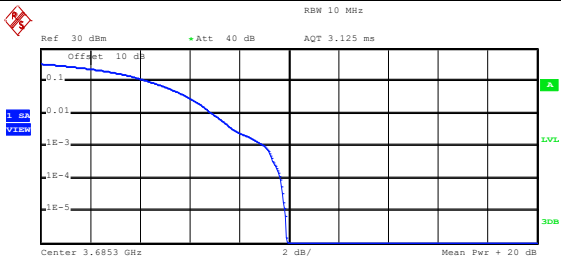


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 0.33 dBm  
 Peak 13.55 dBm  
 Crest 13.22 dB

10 %	5.96 dB
1 %	9.40 dB
.1 %	11.60 dB
.01 %	12.96 dB

### QPSK High channel



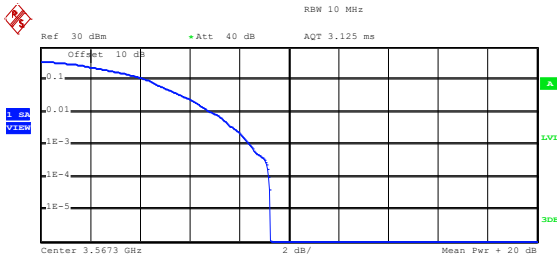
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 3.43 dBm  
 Peak 13.34 dBm  
 Crest 9.91 dB

10 %	4.48 dB
1 %	6.96 dB
.1 %	9.04 dB
.01 %	9.68 dB

LTE TDD Band 48 Intra-band CA continuous, Nominal Bandwidth: 20-15MHz

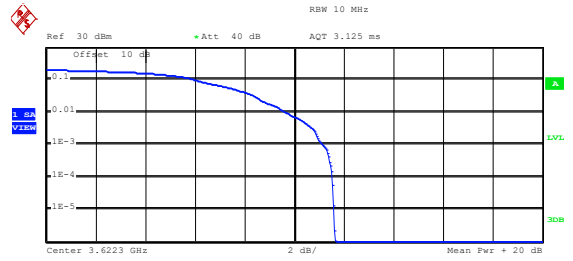
16QAM Low channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 10.79 dBm  
 Peak 20.04 dBm  
 Crest 9.25 dB

10 %	4.40 dB
1 %	6.96 dB
.1 %	8.44 dB
.01 %	9.20 dB

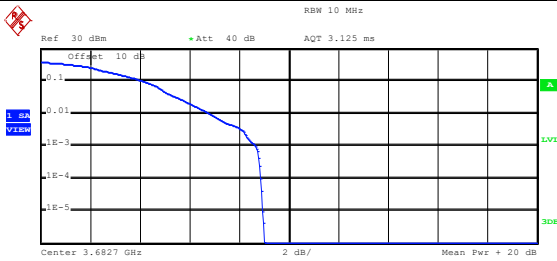
16QAM Middle channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 7.36 dBm  
 Peak 18.98 dBm  
 Crest 11.62 dB

10 %	6.12 dB
1 %	9.72 dB
.1 %	11.16 dB
.01 %	11.56 dB

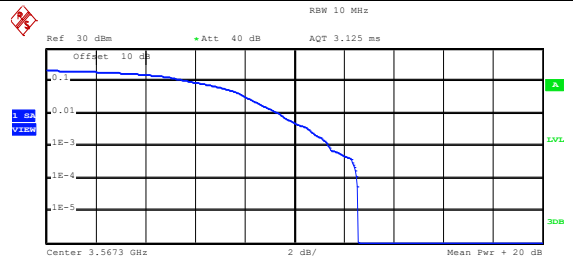
16QAM High channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 11.45 dBm  
 Peak 20.47 dBm  
 Crest 9.01 dB

10 %	4.24 dB
1 %	6.88 dB
.1 %	8.68 dB
.01 %	8.88 dB

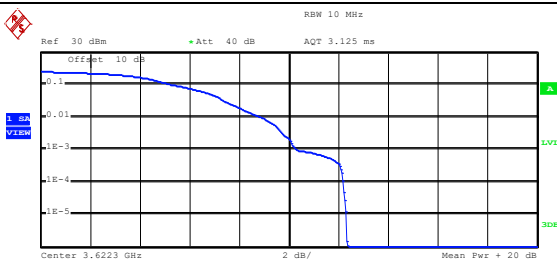
64QAM Low channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 7.47 dBm  
 Peak 20.04 dBm  
 Crest 12.57 dB

10 %	6.00 dB
1 %	9.44 dB
.1 %	11.40 dB
.01 %	12.52 dB

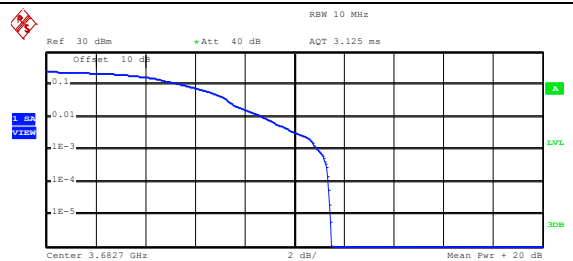
64QAM Middle channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 8.69 dBm  
 Peak 21.03 dBm  
 Crest 12.34 dB

10 %	5.52 dB
1 %	8.96 dB
.1 %	10.48 dB
.01 %	12.20 dB

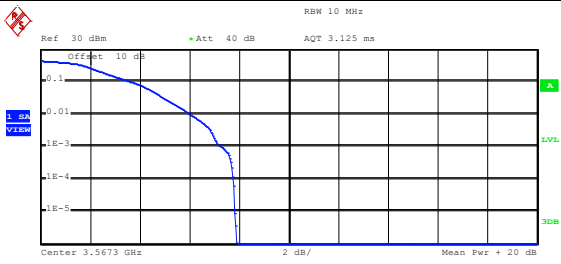
64QAM High channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 9.04 dBm  
 Peak 20.54 dBm  
 Crest 11.50 dB

10 %	5.64 dB
1 %	8.80 dB
.1 %	10.96 dB
.01 %	11.40 dB

### QPSK Low channel

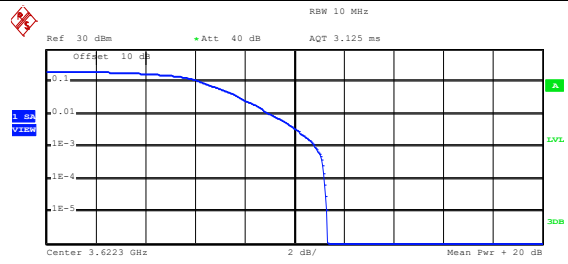


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 10.67 dBm  
 Peak 18.56 dBm  
 Crest 7.89 dB

10 %	3.76 dB
1 %	6.08 dB
.1 %	7.32 dB
.01 %	7.76 dB

### QPSK Middle channel

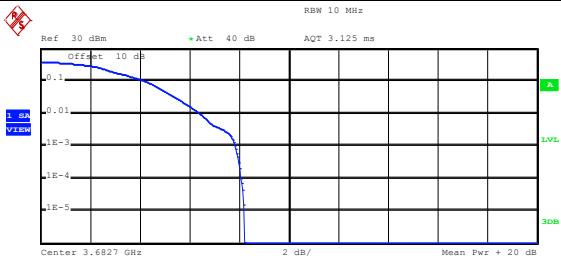


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 7.22 dBm  
 Peak 18.56 dBm  
 Crest 11.34 dB

10 %	6.32 dB
1 %	9.12 dB
.1 %	10.84 dB
.01 %	11.24 dB

### QPSK High channel



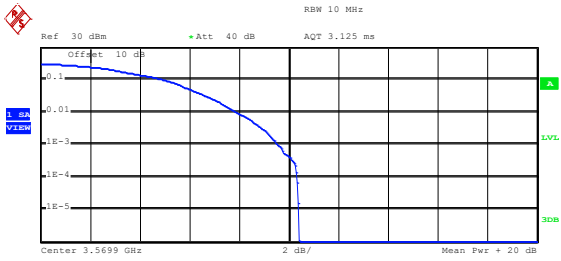
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 11.06 dBm  
 Peak 19.27 dBm  
 Crest 8.21 dB

10 %	4.32 dB
1 %	6.44 dB
.1 %	7.84 dB
.01 %	8.08 dB

LTE TDD Band 48 Intra-band CA continuous, Nominal Bandwidth: 20-20MHz

16QAM Low channel

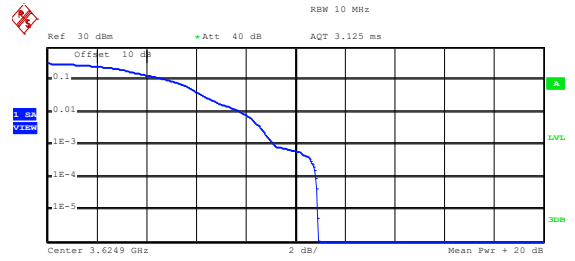


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 11.49 dBm  
 Peak 21.88 dBm  
 Crest 10.39 dB

10 %	5.08 dB
1 %	7.92 dB
.1 %	9.56 dB
.01 %	10.36 dB

16QAM Middle channel

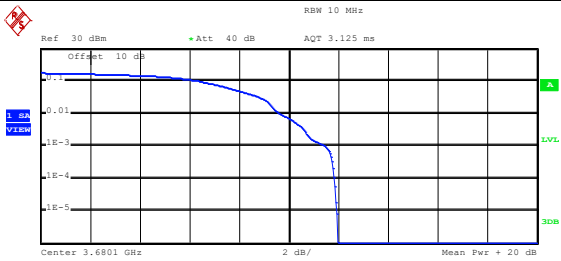


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 11.89 dBm  
 Peak 22.79 dBm  
 Crest 10.90 dB

10 %	5.00 dB
1 %	7.88 dB
.1 %	9.16 dB
.01 %	10.84 dB

16QAM High channel

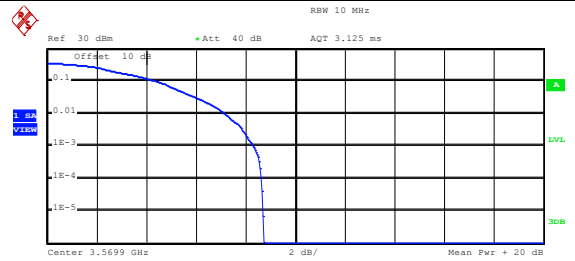


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 8.85 dBm  
 Peak 20.82 dBm  
 Crest 11.97 dB

10 %	6.60 dB
1 %	9.72 dB
.1 %	11.48 dB
.01 %	11.84 dB

64QAM Low channel

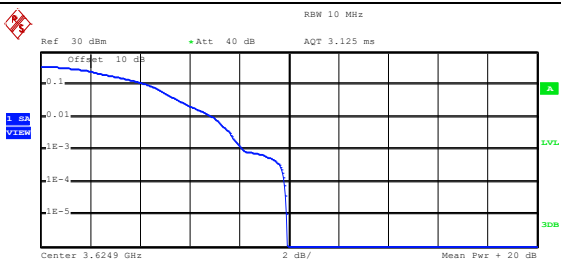


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 12.18 dBm  
 Peak 20.89 dBm  
 Crest 8.71 dB

10 %	4.52 dB
1 %	7.20 dB
.1 %	8.32 dB
.01 %	8.64 dB

64QAM Middle channel

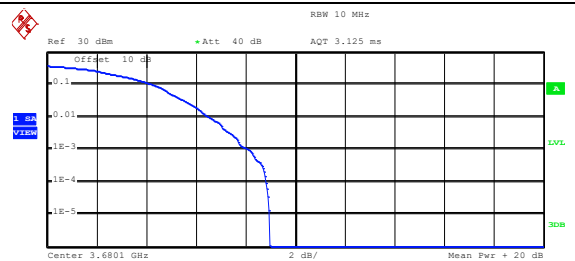


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 12.88 dBm  
 Peak 22.79 dBm  
 Crest 9.92 dB

10 %	4.40 dB
1 %	7.00 dB
.1 %	8.16 dB
.01 %	9.84 dB

64QAM High channel



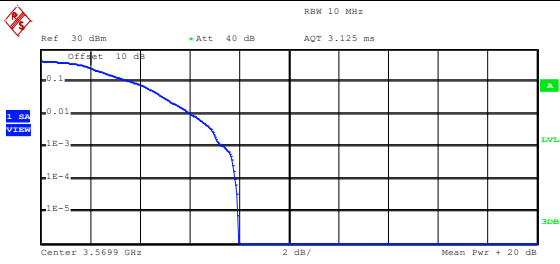
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 13.12 dBm  
 Peak 22.09 dBm  
 Crest 8.97 dB

10 %	4.36 dB
1 %	6.56 dB
.1 %	8.16 dB
.01 %	8.84 dB



### QPSK Low channel

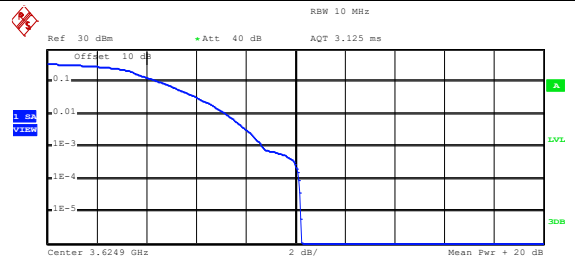


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 12.44 dBm  
 Peak 20.40 dBm  
 Crest 7.95 dB

10 %	3.76 dB
1 %	6.12 dB
.1 %	7.40 dB
.01 %	7.84 dB

### QPSK Middle channel

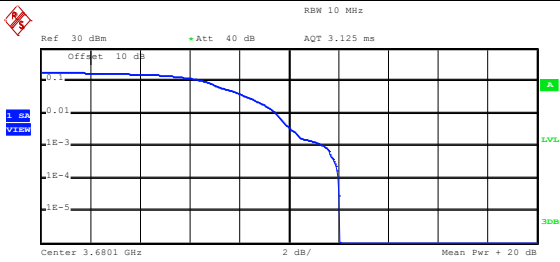


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 11.58 dBm  
 Peak 21.81 dBm  
 Crest 10.23 dB

10 %	4.64 dB
1 %	7.24 dB
.1 %	8.68 dB
.01 %	10.16 dB

### QPSK High channel



Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 8.79 dBm  
 Peak 20.82 dBm  
 Crest 12.03 dB

10 %	6.72 dB
1 %	9.52 dB
.1 %	11.48 dB
.01 %	12.00 dB

LTE TDD Band 48 Intra-band non-continuous CA, Nominal Bandwidth: 5-20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.48	13	Pass
	M	Full	0	8.52	13	Pass
	H	Full	0	8.52	13	Pass
64QAM	L	Full	0	8.4	13	Pass
	M	Full	0	8.44	13	Pass
	H	Full	0	8.44	13	Pass
QPSK	L	Full	0	8.52	13	Pass
	M	Full	0	8.48	13	Pass
	H	Full	0	8.44	13	Pass

LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 10-20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.88	13	Pass
	M	Full	0	10.92	13	Pass
	H	Full	0	11.16	13	Pass
64QAM	L	Full	0	10.92	13	Pass
	M	Full	0	9	13	Pass
	H	Full	0	10	13	Pass
QPSK	L	Full	0	8.44	13	Pass
	M	Full	0	10.4	13	Pass
	H	Full	0	8.16	13	Pass

LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 15-20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.48	13	Pass
	M	Full	0	8.28	13	Pass
	H	Full	0	8.56	13	Pass
64QAM	L	Full	0	8.4	13	Pass
	M	Full	0	8.44	13	Pass
	H	Full	0	8.6	13	Pass
QPSK	L	Full	0	8.52	13	Pass
	M	Full	0	8.44	13	Pass
	H	Full	0	8.56	13	Pass

LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 20-5MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.36	13	Pass
	M	Full	0	8.32	13	Pass
	H	Full	0	8.44	13	Pass
64QAM	L	Full	0	8.6	13	Pass
	M	Full	0	8.64	13	Pass
	H	Full	0	8.44	13	Pass
QPSK	L	Full	0	8.68	13	Pass
	M	Full	0	8.52	13	Pass
	H	Full	0	8.44	13	Pass

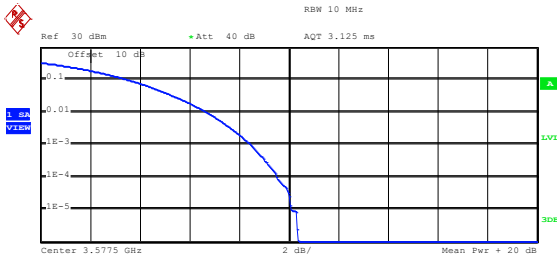
LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 20-10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.60	13	Pass
	M	Full	0	8.52	13	Pass
	H	Full	0	9.56	13	Pass
64QAM	L	Full	0	9.56	13	Pass
	M	Full	0	10.24	13	Pass
	H	Full	0	8.96	13	Pass
QPSK	L	Full	0	7.60	13	Pass
	M	Full	0	7.52	13	Pass
	H	Full	0	7.48	13	Pass

LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 20-15MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.40	13	Pass
	M	Full	0	8.44	13	Pass
	H	Full	0	8.40	13	Pass
64QAM	L	Full	0	8.44	13	Pass
	M	Full	0	8.44	13	Pass
	H	Full	0	8.56	13	Pass
QPSK	L	Full	0	8.40	13	Pass
	M	Full	0	8.60	13	Pass
	H	Full	0	8.52	13	Pass

LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 20-20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.40	13	Pass
	M	Full	0	8.44	13	Pass
	H	Full	0	8.48	13	Pass
64QAM	L	Full	0	8.52	13	Pass
	M	Full	0	8.28	13	Pass
	H	Full	0	8.52	13	Pass
QPSK	L	Full	0	8.44	13	Pass
	M	Full	0	8.44	13	Pass
	H	Full	0	8.40	13	Pass

LTE TDD Band 48 Intra-band CA non-continuous, Nominal Bandwidth: 5-20MHz

16QAM Low channel

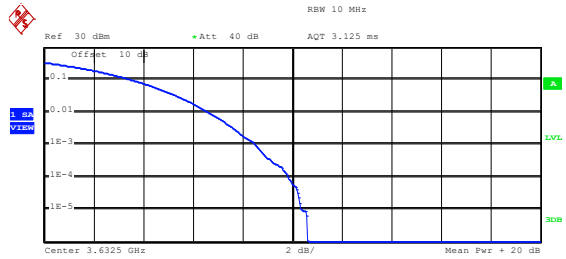


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.11 dBm  
 Peak -13.75 dBm  
 Crest 10.36 dB

10 %	3.68 dB
1 %	6.76 dB
.1 %	8.48 dB
.01 %	9.52 dB

16QAM Middle channel

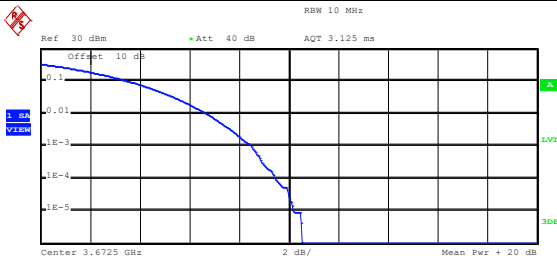


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.38 dBm  
 Peak -13.75 dBm  
 Crest 10.63 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.52 dB
.01 %	9.84 dB

16QAM High channel

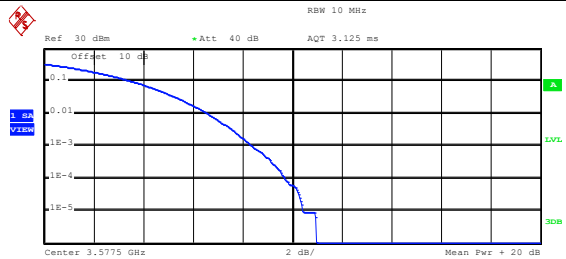


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.35 dBm  
 Peak -13.82 dBm  
 Crest 10.53 dB

10 %	3.68 dB
1 %	6.72 dB
.1 %	8.52 dB
.01 %	9.48 dB

64QAM Low channel

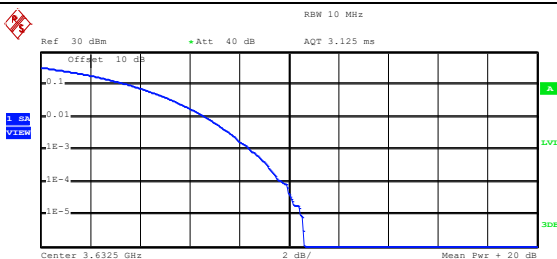


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.10 dBm  
 Peak -13.12 dBm  
 Crest 10.98 dB

10 %	3.64 dB
1 %	6.64 dB
.1 %	8.40 dB
.01 %	9.72 dB

64QAM Middle channel

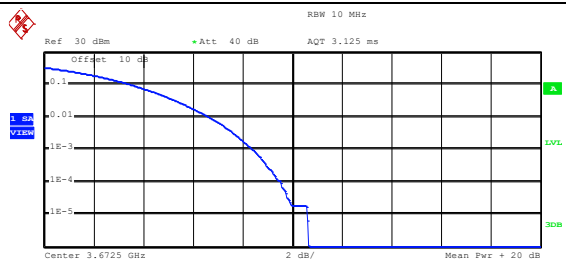


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.35 dBm  
 Peak -13.75 dBm  
 Crest 10.60 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.44 dB
.01 %	9.88 dB

64QAM High channel

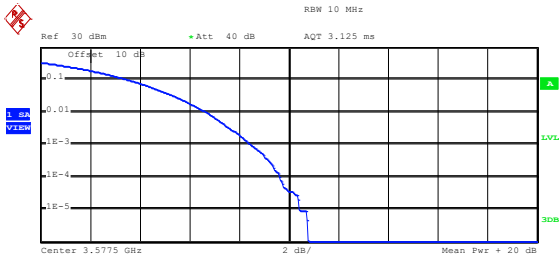


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.32 dBm  
 Peak -13.68 dBm  
 Crest 10.64 dB

10 %	3.64 dB
1 %	6.72 dB
.1 %	8.44 dB
.01 %	9.56 dB

### QPSK Low channel



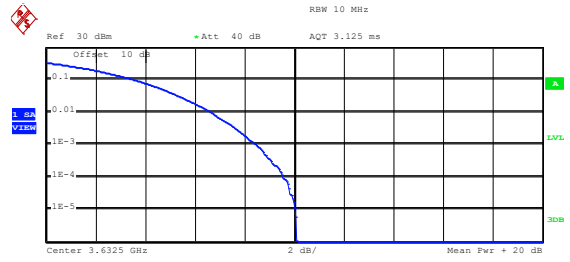
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -24.10 dBm  
 Peak -13.33 dBm  
 Crest 10.77 dB

10 %	3.68 dB
1 %	6.72 dB
.1 %	8.52 dB
.01 %	9.64 dB

### QPSK Middle channel



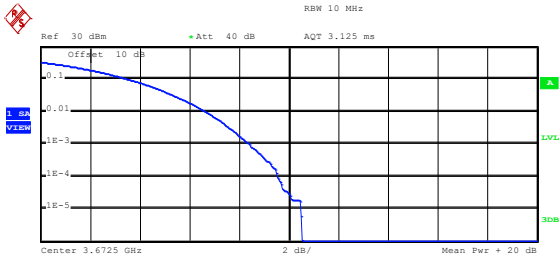
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -24.35 dBm  
 Peak -14.25 dBm  
 Crest 10.10 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.48 dB
.01 %	9.56 dB

### QPSK High channel



Complementary Cumulative Distribution Function (100000 samples)

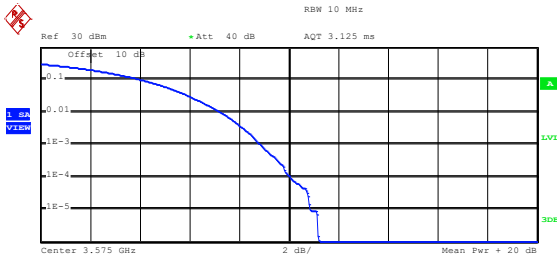
Trace 1

Mean -24.34 dBm  
 Peak -13.82 dBm  
 Crest 10.52 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.44 dB
.01 %	9.56 dB

LTE TDD Band 48 Intra-band CA non-continuous, Nominal Bandwidth: 10-20MHz

16QAM Low channel

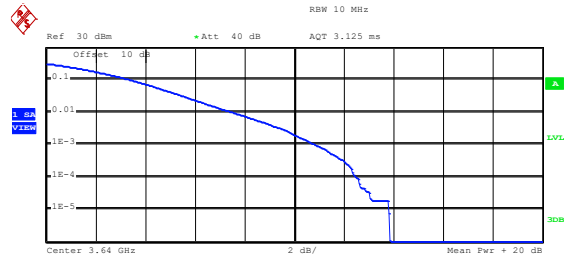


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -19.23 dBm  
 Peak -8.04 dBm  
 Crest 11.19 dB

10 %	4.20 dB
1 %	7.28 dB
.1 %	8.88 dB
.01 %	10.08 dB

16QAM Middle channel

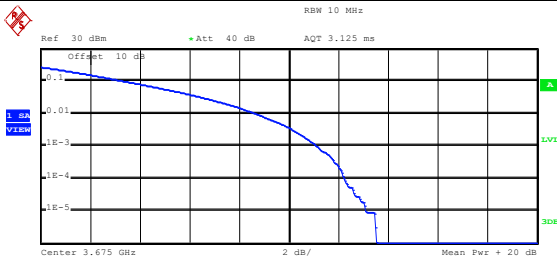


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -23.85 dBm  
 Peak -10.01 dBm  
 Crest 13.84 dB

10 %	3.56 dB
1 %	7.64 dB
.1 %	10.92 dB
.01 %	12.52 dB

16QAM High channel

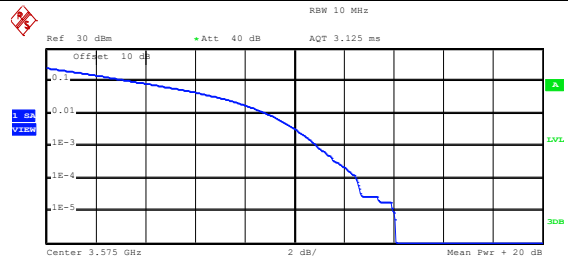


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -22.61 dBm  
 Peak -9.09 dBm  
 Crest 13.52 dB

10 %	3.64 dB
1 %	8.76 dB
.1 %	11.16 dB
.01 %	12.24 dB

64QAM Low channel

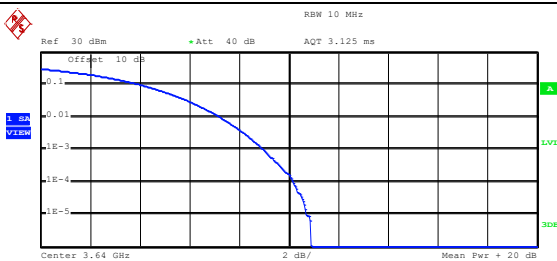


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -21.92 dBm  
 Peak -7.82 dBm  
 Crest 14.09 dB

10 %	3.76 dB
1 %	8.96 dB
.1 %	10.92 dB
.01 %	12.52 dB

64QAM Middle channel

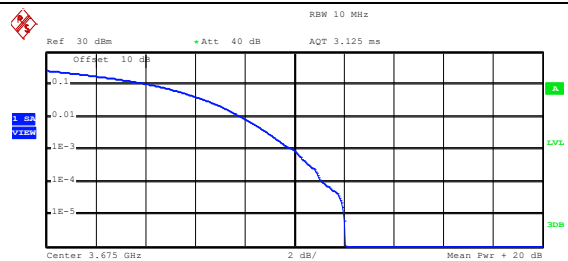


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -19.44 dBm  
 Peak -8.53 dBm  
 Crest 10.91 dB

10 %	4.20 dB
1 %	7.28 dB
.1 %	9.00 dB
.01 %	10.20 dB

64QAM High channel

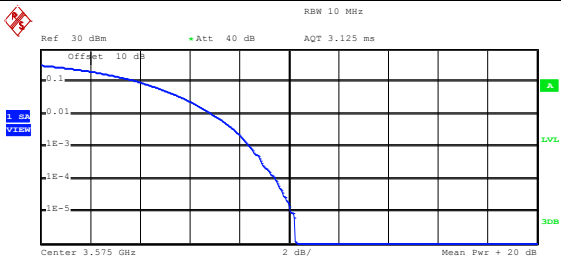


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -20.38 dBm  
 Peak -8.32 dBm  
 Crest 12.06 dB

10 %	4.44 dB
1 %	7.96 dB
.1 %	10.00 dB
.01 %	11.16 dB

### QPSK Low channel

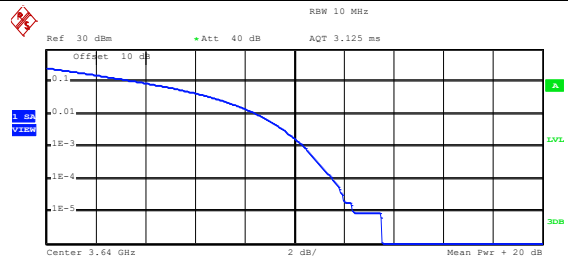


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -19.22 dBm  
 Peak -8.95 dBm  
 Crest 10.27 dB

10 %	4.08 dB
1 %	6.96 dB
.1 %	8.44 dB
.01 %	9.48 dB

### QPSK Middle channel

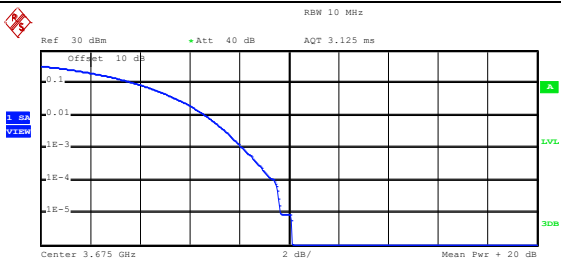


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -22.07 dBm  
 Peak -8.53 dBm  
 Crest 13.54 dB

10 %	3.96 dB
1 %	8.56 dB
.1 %	10.40 dB
.01 %	11.56 dB

### QPSK High channel



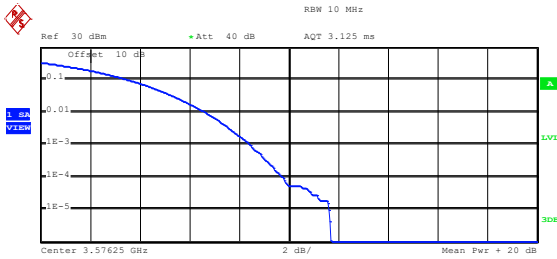
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -19.03 dBm  
 Peak -8.88 dBm  
 Crest 10.14 dB

10 %	3.92 dB
1 %	6.68 dB
.1 %	8.16 dB
.01 %	9.44 dB

LTE TDD Band 48 Intra-band CA non-continuous, Nominal Bandwidth: 15-20MHz

16QAM Low channel

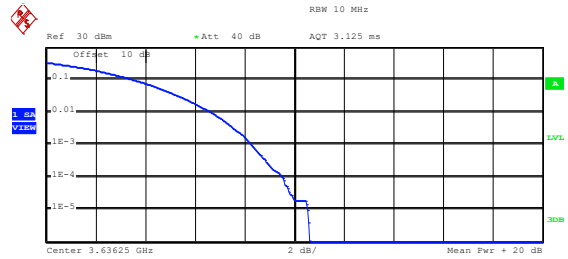


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.10 dBm  
 Peak -12.41 dBm  
 Crest 11.69 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.48 dB
.01 %	9.80 dB

16QAM Middle channel

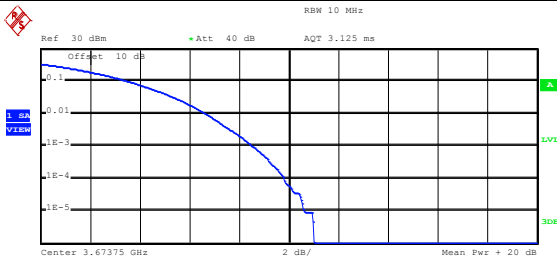


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.29 dBm  
 Peak -13.68 dBm  
 Crest 10.61 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.28 dB
.01 %	9.56 dB

16QAM High channel

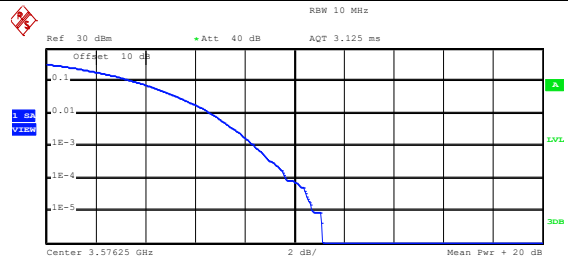


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.34 dBm  
 Peak -13.33 dBm  
 Crest 11.01 dB

10 %	3.68 dB
1 %	6.72 dB
.1 %	8.56 dB
.01 %	9.80 dB

64QAM Low channel

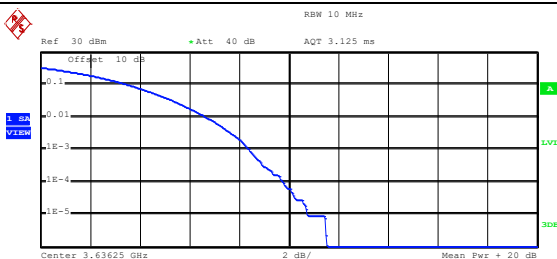


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.11 dBm  
 Peak -12.98 dBm  
 Crest 11.13 dB

10 %	3.68 dB
1 %	6.72 dB
.1 %	8.40 dB
.01 %	9.84 dB

64QAM Middle channel

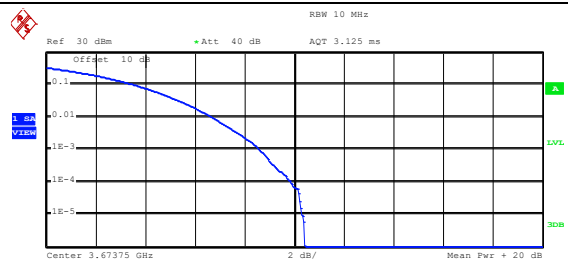


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.28 dBm  
 Peak -12.76 dBm  
 Crest 11.51 dB

10 %	3.64 dB
1 %	6.72 dB
.1 %	8.44 dB
.01 %	9.80 dB

64QAM High channel



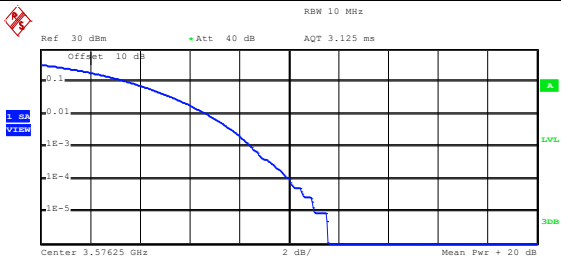
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.31 dBm  
 Peak -13.89 dBm  
 Crest 10.42 dB

10 %	3.68 dB
1 %	6.72 dB
.1 %	8.60 dB
.01 %	9.88 dB



### QPSK Low channel



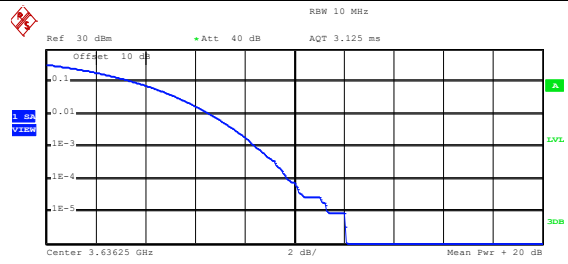
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -24.05 dBm  
Peak -12.48 dBm  
Crest 11.57 dB

10 %	3.64 dB
1 %	6.76 dB
.1 %	8.52 dB
.01 %	10.04 dB

### QPSK Middle channel



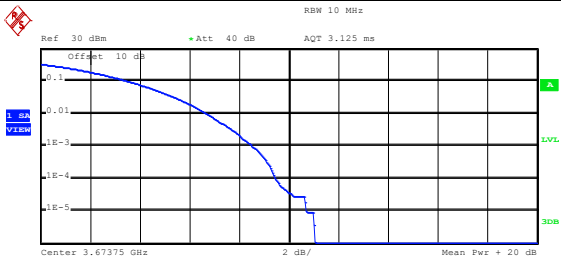
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -24.35 dBm  
Peak -12.27 dBm  
Crest 12.08 dB

10 %	3.64 dB
1 %	6.68 dB
.1 %	8.44 dB
.01 %	9.76 dB

### QPSK High channel



Complementary Cumulative Distribution Function (100000 samples)

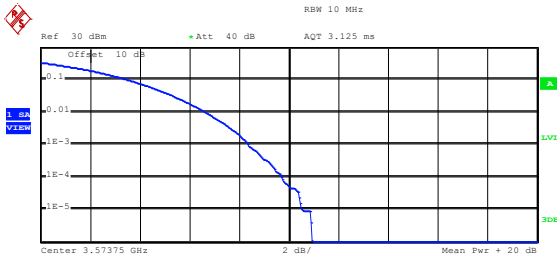
Trace 1

Mean -24.37 dBm  
Peak -13.33 dBm  
Crest 11.05 dB

10 %	3.68 dB
1 %	6.72 dB
.1 %	8.56 dB
.01 %	9.48 dB

LTE TDD Band 48 Intra-band CA non-continuous, Nominal Bandwidth: 20-5MHz

16QAM Low channel

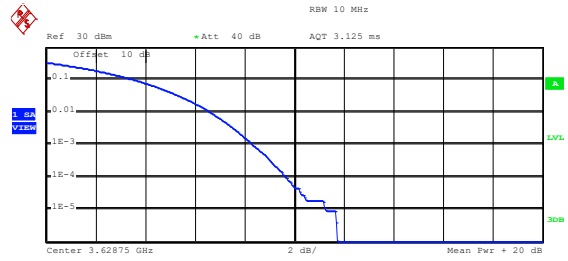


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -23.97 dBm  
 Peak -13.05 dBm  
 Crest 10.93 dB

10 %	3.64 dB
1 %	6.68 dB
.1 %	8.36 dB
.01 %	9.72 dB

16QAM Middle channel

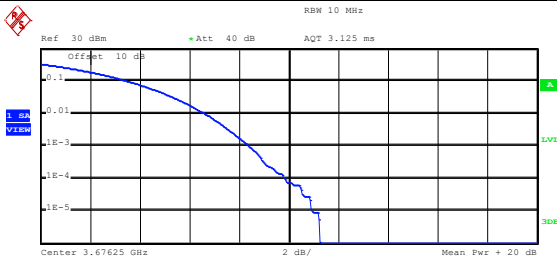


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.21 dBm  
 Peak -12.48 dBm  
 Crest 11.73 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.32 dB
.01 %	9.68 dB

16QAM High channel

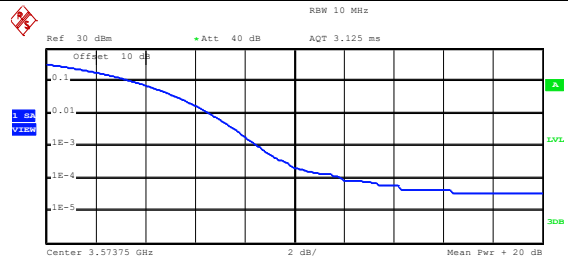


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.30 dBm  
 Peak -13.05 dBm  
 Crest 11.26 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.44 dB
.01 %	9.84 dB

64QAM Low channel

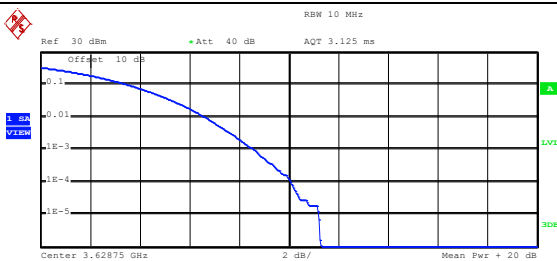


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -23.71 dBm  
 Peak 0.57 dBm  
 Crest 24.28 dB

10 %	3.64 dB
1 %	6.64 dB
.1 %	8.60 dB
.01 %	12.64 dB

64QAM Middle channel

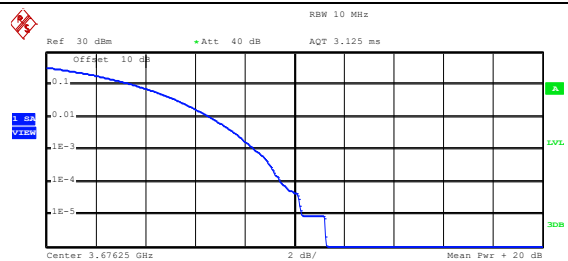


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.24 dBm  
 Peak -12.98 dBm  
 Crest 11.27 dB

10 %	3.64 dB
1 %	6.68 dB
.1 %	8.64 dB
.01 %	10.08 dB

64QAM High channel

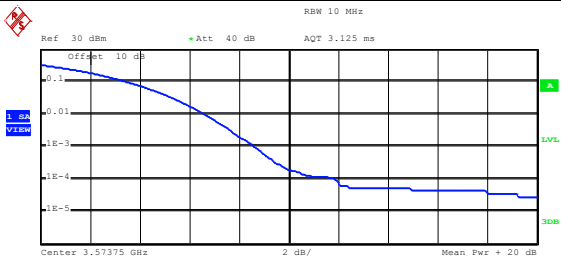


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.32 dBm  
 Peak -13.05 dBm  
 Crest 11.27 dB

10 %	3.64 dB
1 %	6.64 dB
.1 %	8.44 dB
.01 %	9.48 dB

### QPSK Low channel

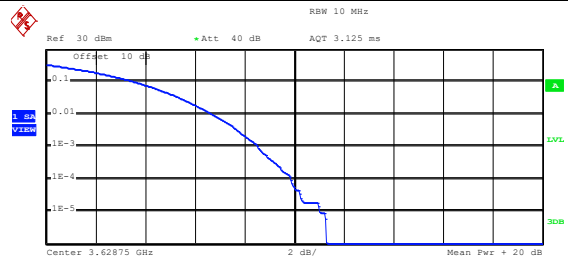


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -23.64 dBm  
 Peak 0.29 dBm  
 Crest 23.93 dB

10 %	3.64 dB
1 %	6.64 dB
.1 %	8.68 dB
.01 %	11.88 dB

### QPSK Middle channel

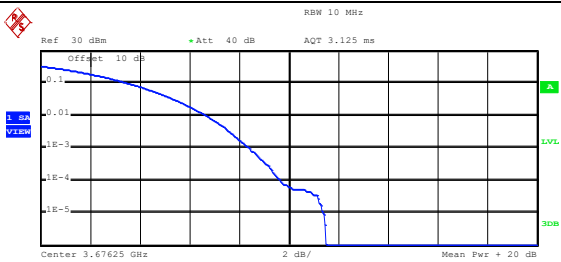


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.20 dBm  
 Peak -12.90 dBm  
 Crest 11.30 dB

10 %	3.68 dB
1 %	6.76 dB
.1 %	8.52 dB
.01 %	9.88 dB

### QPSK High channel



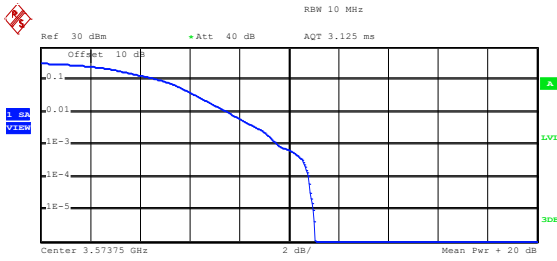
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.32 dBm  
 Peak -12.83 dBm  
 Crest 11.49 dB

10 %	3.68 dB
1 %	6.72 dB
.1 %	8.44 dB
.01 %	9.68 dB

LTE TDD Band 48 Intra-band CA non-continuous, Nominal Bandwidth: 20-10MHz

16QAM Low channel

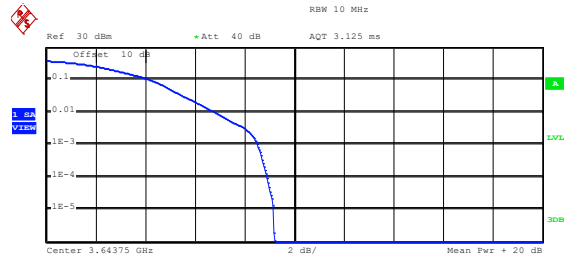


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -3.92 dBm  
 Peak 7.13 dBm  
 Crest 11.05 dB

10 %	4.92 dB
1 %	7.60 dB
.1 %	9.60 dB
.01 %	10.80 dB

16QAM Middle channel

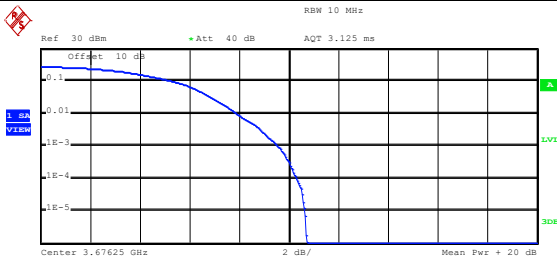


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -2.83 dBm  
 Peak 6.36 dBm  
 Crest 9.19 dB

10 %	4.28 dB
1 %	6.84 dB
.1 %	8.52 dB
.01 %	8.92 dB

16QAM High channel

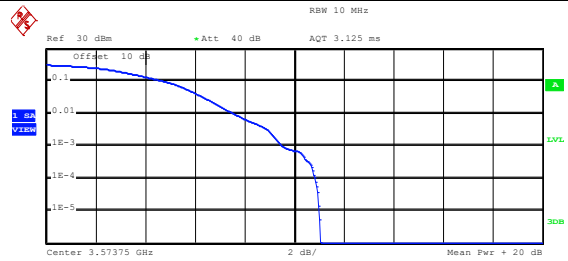


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -5.06 dBm  
 Peak 5.65 dBm  
 Crest 10.71 dB

10 %	5.48 dB
1 %	7.96 dB
.1 %	9.56 dB
.01 %	10.32 dB

64QAM Low channel

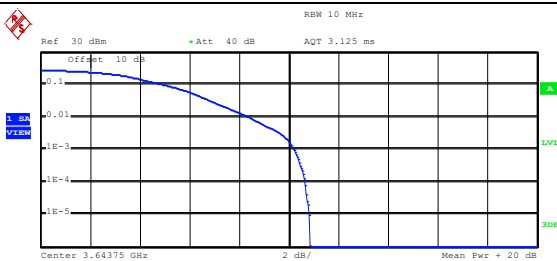


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -3.93 dBm  
 Peak 7.13 dBm  
 Crest 11.06 dB

10 %	4.92 dB
1 %	7.64 dB
.1 %	9.56 dB
.01 %	10.84 dB

64QAM Middle channel

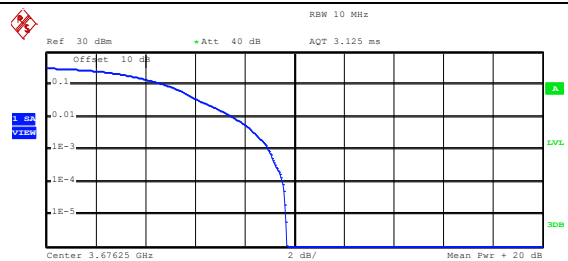


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -4.50 dBm  
 Peak 6.36 dBm  
 Crest 10.85 dB

10 %	5.12 dB
1 %	8.44 dB
.1 %	10.24 dB
.01 %	10.68 dB

64QAM High channel

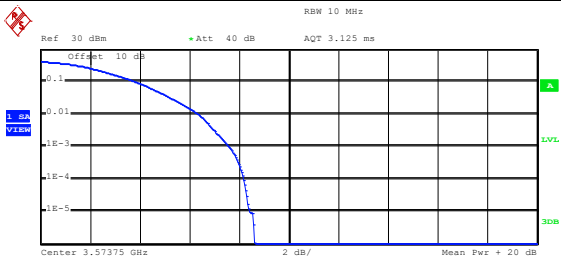


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -4.20 dBm  
 Peak 5.51 dBm  
 Crest 9.70 dB

10 %	4.88 dB
1 %	7.56 dB
.1 %	8.96 dB
.01 %	9.56 dB

### QPSK Low channel

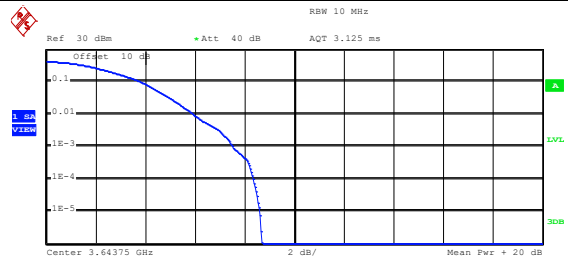


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -2.89 dBm  
 Peak 5.72 dBm  
 Crest 8.61 dB

10 %	3.92 dB
1 %	6.40 dB
.1 %	7.60 dB
.01 %	8.20 dB

### QPSK Middle channel

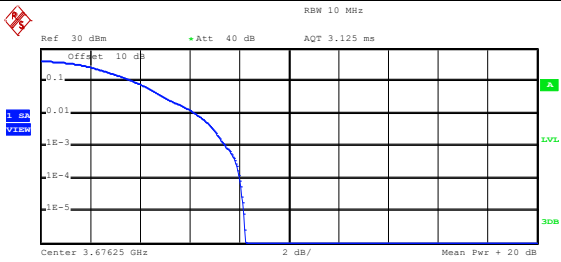


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -2.61 dBm  
 Peak 6.07 dBm  
 Crest 8.68 dB

10 %	3.88 dB
1 %	5.96 dB
.1 %	7.52 dB
.01 %	8.36 dB

### QPSK High channel



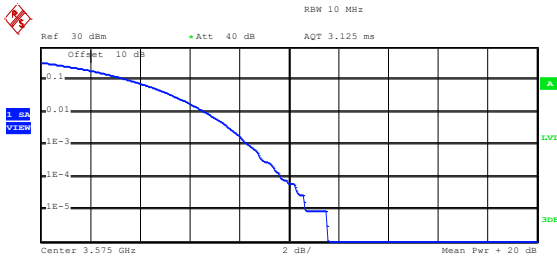
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -3.30 dBm  
 Peak 4.94 dBm  
 Crest 8.24 dB

10 %	3.80 dB
1 %	6.28 dB
.1 %	7.48 dB
.01 %	8.04 dB

LTE TDD Band 48 Intra-band CA non-continuous, Nominal Bandwidth: 20-15MHz

16QAM Low channel

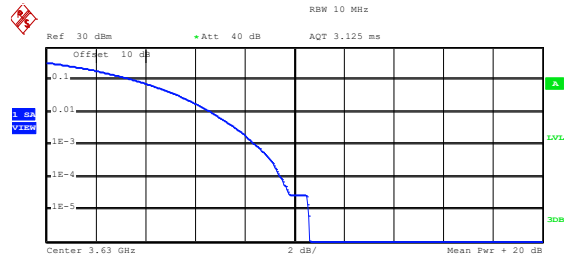


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.11 dBm  
 Peak -12.55 dBm  
 Crest 11.56 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.40 dB
.01 %	9.68 dB

16QAM Middle channel

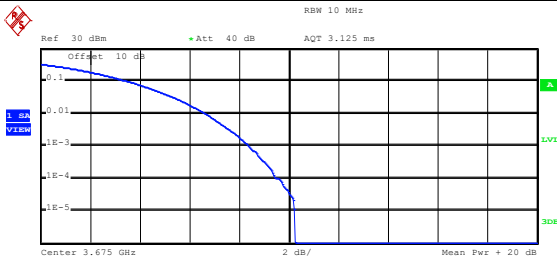


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.31 dBm  
 Peak -13.68 dBm  
 Crest 10.63 dB

10 %	3.64 dB
1 %	6.72 dB
.1 %	8.44 dB
.01 %	9.48 dB

16QAM High channel

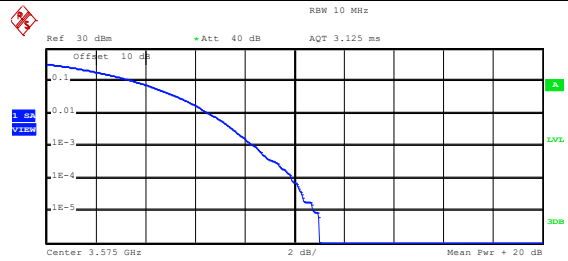


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.37 dBm  
 Peak -14.10 dBm  
 Crest 10.26 dB

10 %	3.64 dB
1 %	6.68 dB
.1 %	8.40 dB
.01 %	9.64 dB

64QAM Low channel

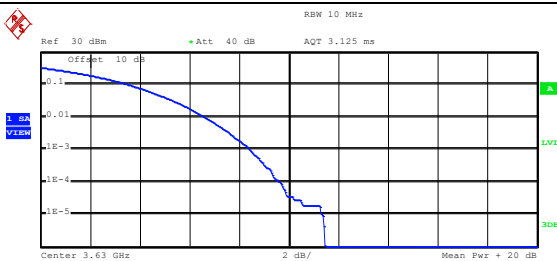


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.14 dBm  
 Peak -13.12 dBm  
 Crest 11.02 dB

10 %	3.68 dB
1 %	6.64 dB
.1 %	8.44 dB
.01 %	9.88 dB

64QAM Middle channel

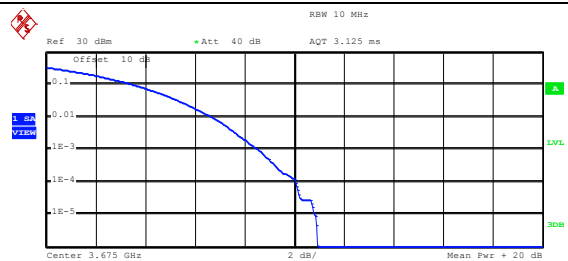


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.35 dBm  
 Peak -12.90 dBm  
 Crest 11.45 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.44 dB
.01 %	9.68 dB

64QAM High channel

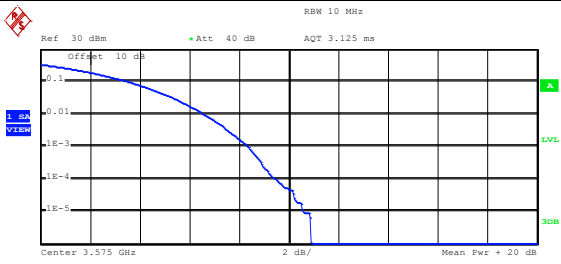


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.40 dBm  
 Peak -13.47 dBm  
 Crest 10.93 dB

10 %	3.64 dB
1 %	6.72 dB
.1 %	8.56 dB
.01 %	10.08 dB

### QPSK Low channel



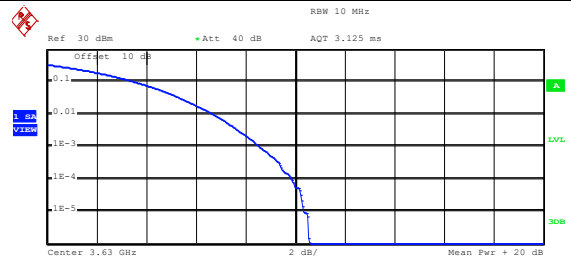
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -24.09 dBm  
 Peak -13.19 dBm  
 Crest 10.91 dB

10 %	3.68 dB
1 %	6.64 dB
.1 %	8.40 dB
.01 %	9.52 dB

### QPSK Middle channel



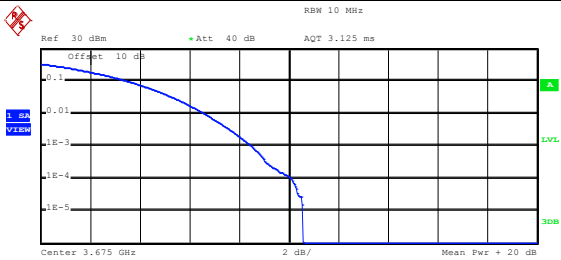
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -24.30 dBm  
 Peak -13.75 dBm  
 Crest 10.55 dB

10 %	3.68 dB
1 %	6.72 dB
.1 %	8.60 dB
.01 %	9.88 dB

### QPSK High channel



Complementary Cumulative Distribution Function (100000 samples)

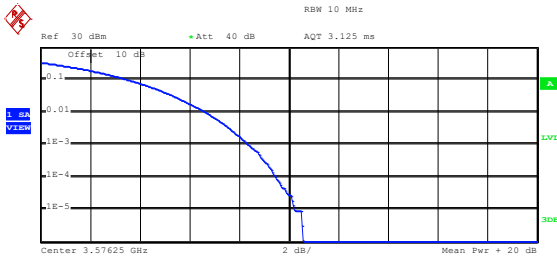
Trace 1

Mean -24.33 dBm  
 Peak -13.75 dBm  
 Crest 10.58 dB

10 %	3.64 dB
1 %	6.64 dB
.1 %	8.52 dB
.01 %	10.12 dB

LTE TDD Band 48 Intra-band CA non-continuous, Nominal Bandwidth: 20-20MHz

16QAM Low channel

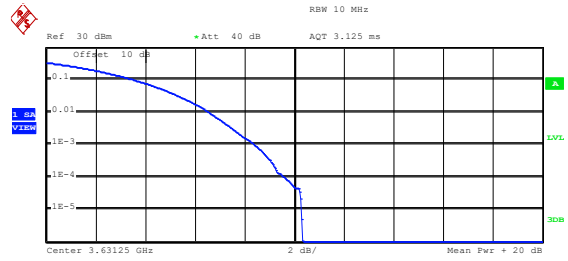


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.10 dBm  
 Peak -13.54 dBm  
 Crest 10.56 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.40 dB
.01 %	9.48 dB

16QAM Middle channel

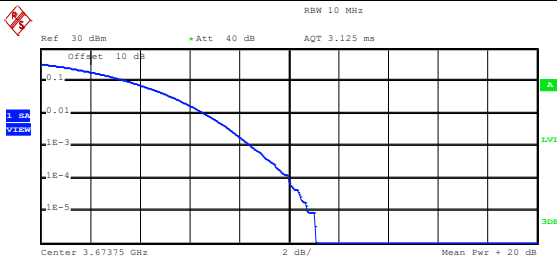


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.27 dBm  
 Peak -13.96 dBm  
 Crest 10.31 dB

10 %	3.68 dB
1 %	6.60 dB
.1 %	8.44 dB
.01 %	9.64 dB

16QAM High channel

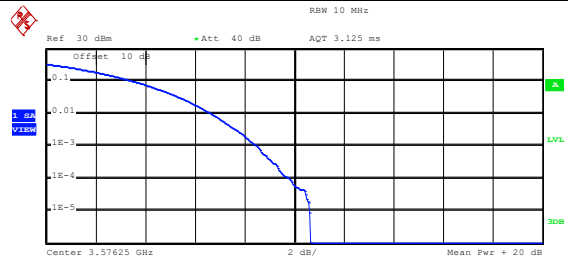


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.34 dBm  
 Peak -13.26 dBm  
 Crest 11.08 dB

10 %	3.64 dB
1 %	6.68 dB
.1 %	8.48 dB
.01 %	10.00 dB

64QAM Low channel

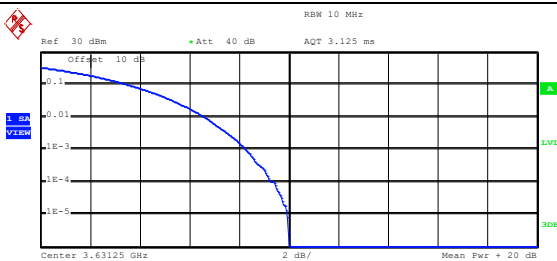


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.05 dBm  
 Peak -13.40 dBm  
 Crest 10.65 dB

10 %	3.68 dB
1 %	6.72 dB
.1 %	8.52 dB
.01 %	9.84 dB

64QAM Middle channel

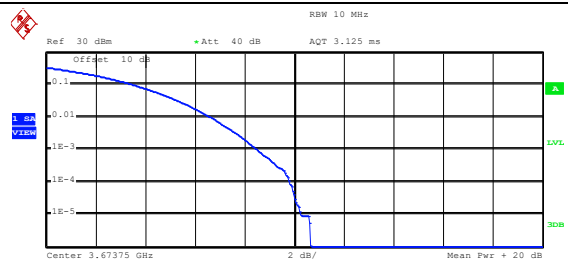


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.32 dBm  
 Peak -14.32 dBm  
 Crest 10.00 dB

10 %	3.68 dB
1 %	6.64 dB
.1 %	8.28 dB
.01 %	9.40 dB

64QAM High channel



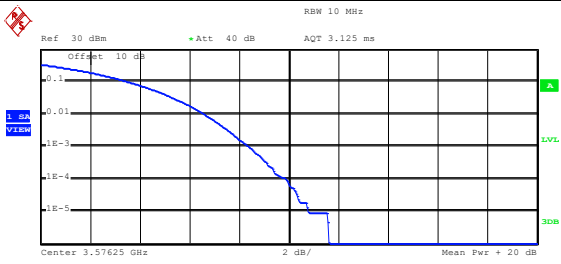
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean -24.34 dBm  
 Peak -13.68 dBm  
 Crest 10.66 dB

10 %	3.64 dB
1 %	6.68 dB
.1 %	8.52 dB
.01 %	9.84 dB



### QPSK Low channel



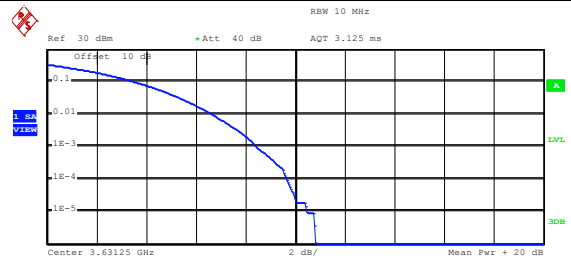
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -24.09 dBm  
Peak -12.48 dBm  
Crest 11.61 dB

10 %	3.68 dB
1 %	6.64 dB
.1 %	8.44 dB
.01 %	9.92 dB

### QPSK Middle channel



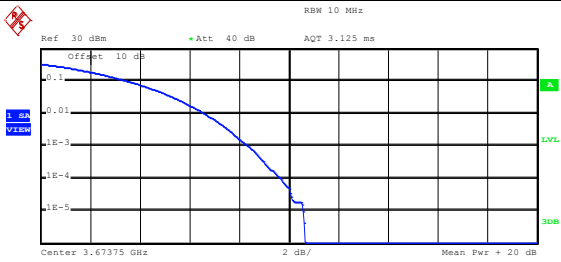
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -24.34 dBm  
Peak -13.54 dBm  
Crest 10.81 dB

10 %	3.68 dB
1 %	6.68 dB
.1 %	8.44 dB
.01 %	9.68 dB

### QPSK High channel



Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean -24.33 dBm  
Peak -13.68 dBm  
Crest 10.65 dB

10 %	3.68 dB
1 %	6.64 dB
.1 %	8.40 dB
.01 %	9.72 dB

## MIMO Ant 3:

LTE TDD Band 48, Nominal Bandwidth: 5MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.24	13	Pass
	M	Full	0	8.28	13	Pass
	H	Full	0	8.36	13	Pass
64QAM	L	Full	0	8.16	13	Pass
	M	Full	0	8.28	13	Pass
	H	Full	0	8.32	13	Pass
QPSK	L	Full	0	7.52	13	Pass
	M	Full	0	8.48	13	Pass
	H	Full	0	9.24	13	Pass

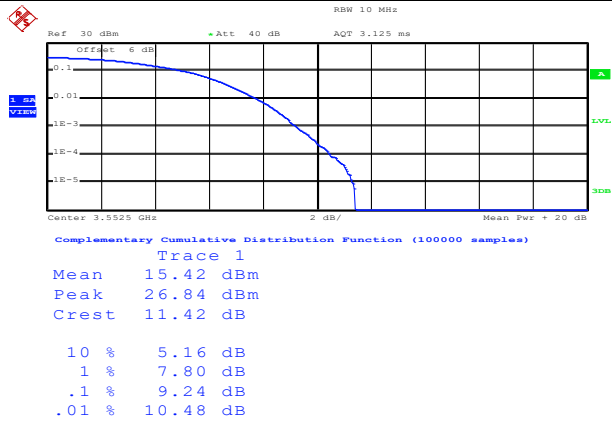
LTE TDD Band 48, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.24	13	Pass
	M	Full	0	10.16	13	Pass
	H	Full	0	9.40	13	Pass
64QAM	L	Full	0	9.24	13	Pass
	M	Full	0	8.68	13	Pass
	H	Full	0	8.60	13	Pass
QPSK	L	Full	0	10.12	13	Pass
	M	Full	0	9.60	13	Pass
	H	Full	0	8.28	13	Pass

LTE TDD Band 48, Nominal Bandwidth: 15MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.52	13	Pass
	M	Full	0	9.04	13	Pass
	H	Full	0	8.44	13	Pass
64QAM	L	Full	0	10.64	13	Pass
	M	Full	0	10.04	13	Pass
	H	Full	0	8.48	13	Pass
QPSK	L	Full	0	8.96	13	Pass
	M	Full	0	7.40	13	Pass
	H	Full	0	8.44	13	Pass

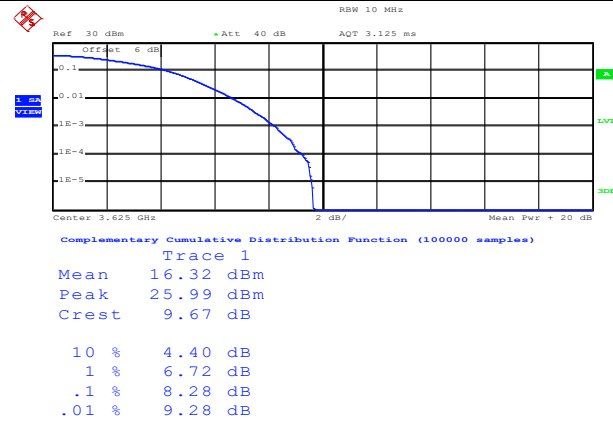
LTE TDD Band 48, Nominal Bandwidth: 20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.76	13	Pass
	M	Full	0	8.80	13	Pass
	H	Full	0	11.88	13	Pass
64QAM	L	Full	0	9.76	13	Pass
	M	Full	0	9.84	13	Pass
	H	Full	0	10.84	13	Pass
QPSK	L	Full	0	8.04	13	Pass
	M	Full	0	9.52	13	Pass
	H	Full	0	7.96	13	Pass

LTE TDD Band 48, Nominal Bandwidth: 5MHz

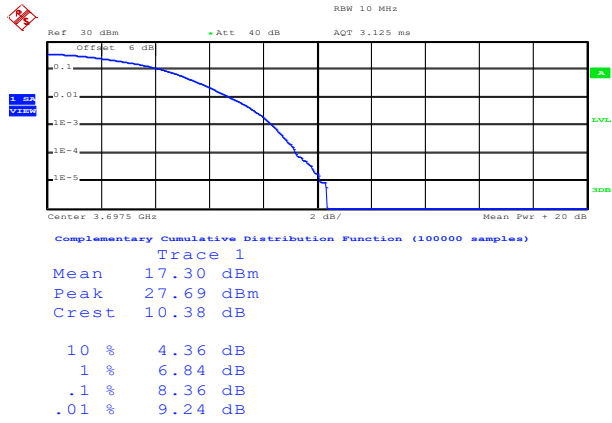
16QAM Low channel



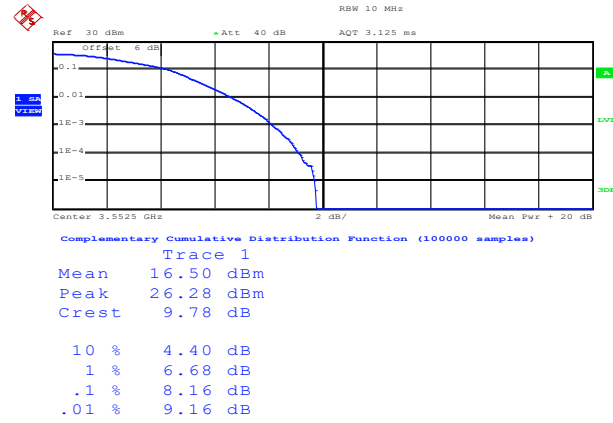
16QAM Middle channel



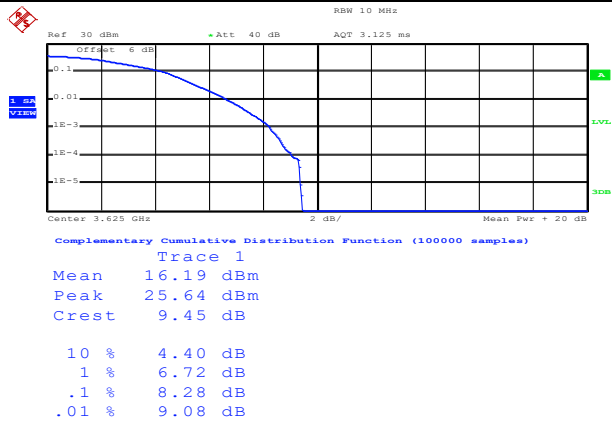
16QAM High channel



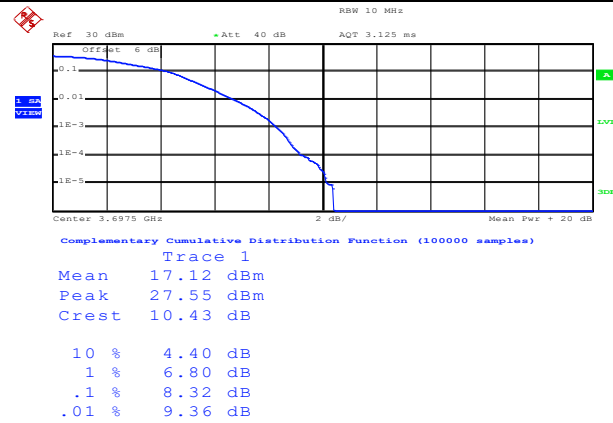
64QAM Low channel



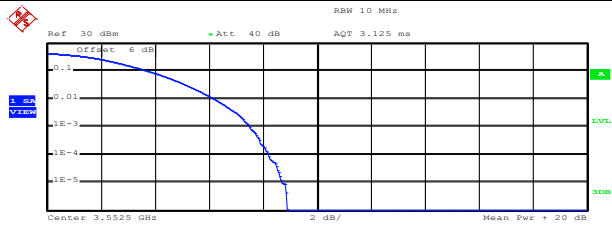
64QAM Middle channel



64QAM High channel



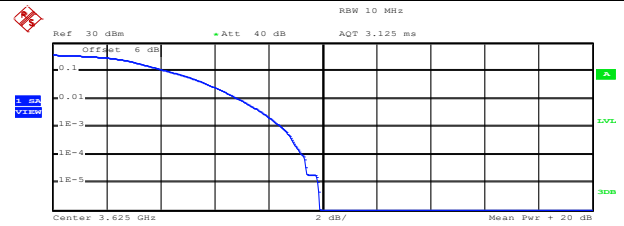
### QPSK Low channel



Complementary Cumulative Distribution Function (100000 samples)  
Trace 1  
Mean 17.59 dBm  
Peak 26.49 dBm  
Crest 8.89 dB

10 %	3.84 dB
1 %	6.24 dB
.1 %	7.52 dB
.01 %	8.24 dB

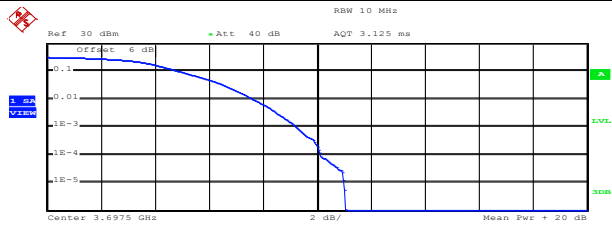
### QPSK Middle channel



Complementary Cumulative Distribution Function (100000 samples)  
Trace 1  
Mean 16.24 dBm  
Peak 26.13 dBm  
Crest 9.89 dB

10 %	4.36 dB
1 %	6.92 dB
.1 %	8.48 dB
.01 %	9.28 dB

### QPSK High channel

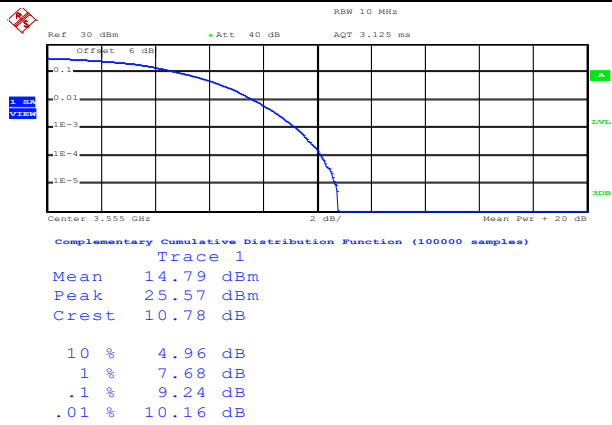


Complementary Cumulative Distribution Function (100000 samples)  
Trace 1  
Mean 16.28 dBm  
Peak 27.33 dBm  
Crest 11.06 dB

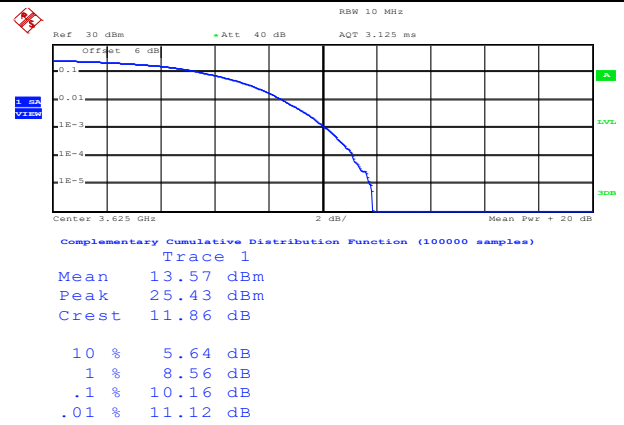
10 %	5.00 dB
1 %	7.68 dB
.1 %	9.24 dB
.01 %	10.16 dB

## LTE TDD Band 48, Nominal Bandwidth: 10MHz

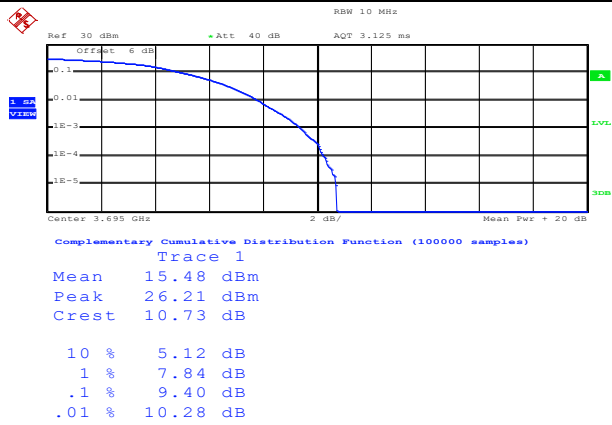
### 16QAM Low channel



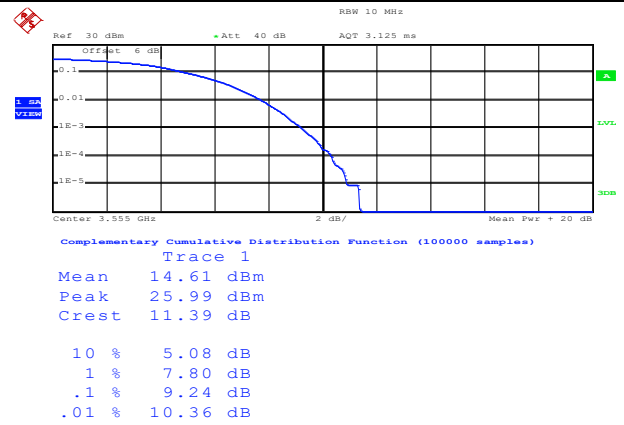
### 16QAM Middle channel



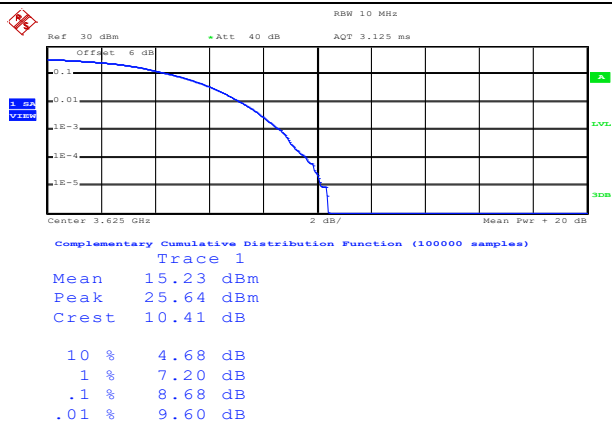
### 16QAM High channel



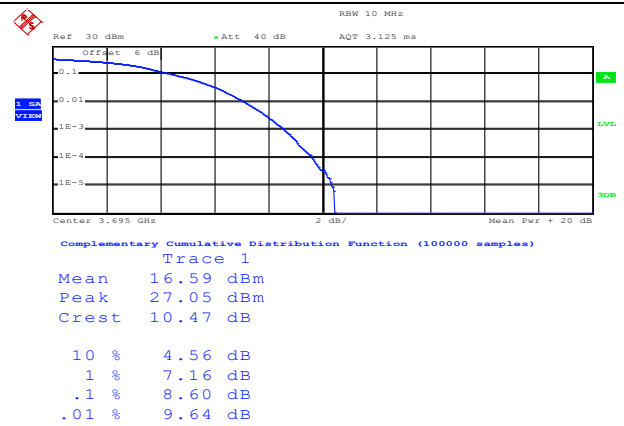
### 64QAM Low channel



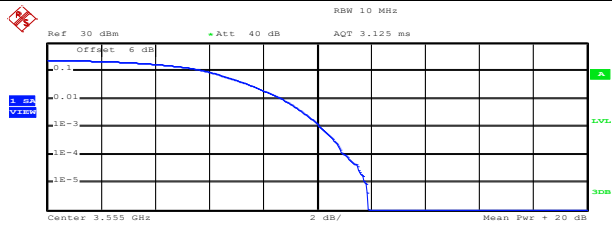
### 64QAM Middle channel



### 64QAM High channel



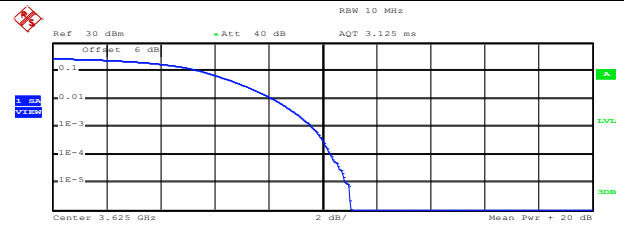
### QPSK Low channel



Complementary Cumulative Distribution Function (100000 samples)  
Trace 1  
Mean 13.47 dBm  
Peak 25.36 dBm  
Crest 11.89 dB

10 %	6.00 dB
1 %	8.76 dB
.1 %	10.12 dB
.01 %	11.08 dB

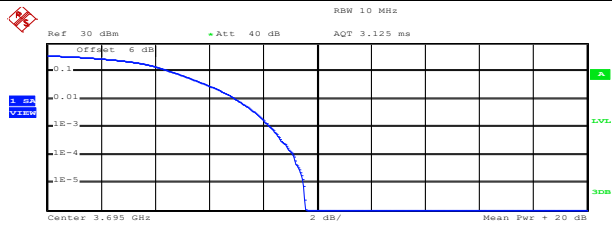
### QPSK Middle channel



Complementary Cumulative Distribution Function (100000 samples)  
Trace 1  
Mean 14.25 dBm  
Peak 25.29 dBm  
Crest 11.03 dB

10 %	5.60 dB
1 %	8.20 dB
.1 %	9.60 dB
.01 %	10.32 dB

### QPSK High channel

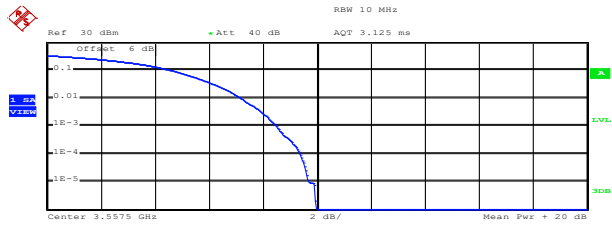


Complementary Cumulative Distribution Function (100000 samples)  
Trace 1  
Mean 16.79 dBm  
Peak 26.35 dBm  
Crest 9.56 dB

10 %	4.64 dB
1 %	7.00 dB
.1 %	8.28 dB
.01 %	9.12 dB

## LTE TDD Band 48, Nominal Bandwidth: 15MHz

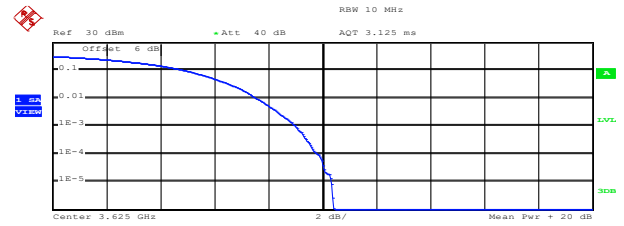
### 16QAM Low channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 14.56 dBm  
 Peak 24.51 dBm  
 Crest 9.96 dB

10 %	4.72 dB
1 %	7.20 dB
.1 %	8.52 dB
.01 %	9.40 dB

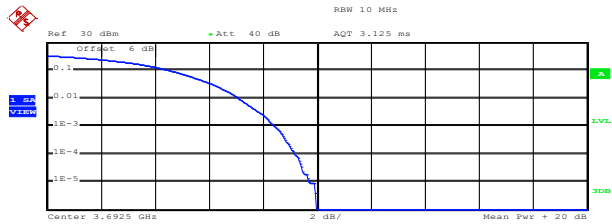
### 16QAM Middle channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 13.90 dBm  
 Peak 24.30 dBm  
 Crest 10.40 dB

10 %	5.00 dB
1 %	7.60 dB
.1 %	9.04 dB
.01 %	9.84 dB

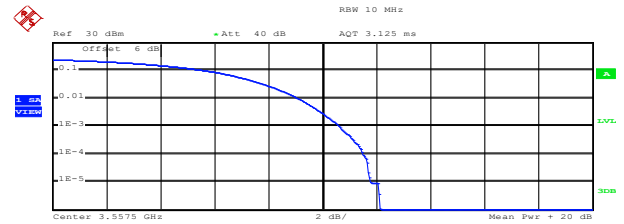
### 16QAM High channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 15.53 dBm  
 Peak 25.50 dBm  
 Crest 9.97 dB

10 %	4.64 dB
1 %	7.12 dB
.1 %	8.44 dB
.01 %	9.20 dB

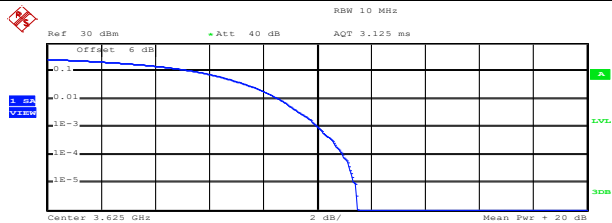
### 64QAM Low channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 12.32 dBm  
 Peak 24.44 dBm  
 Crest 12.12 dB

10 %	5.88 dB
1 %	9.12 dB
.1 %	10.64 dB
.01 %	11.52 dB

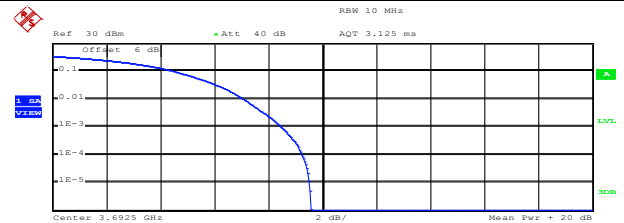
### 64QAM Middle channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 12.82 dBm  
 Peak 24.30 dBm  
 Crest 11.48 dB

10 %	5.64 dB
1 %	8.64 dB
.1 %	10.04 dB
.01 %	10.96 dB

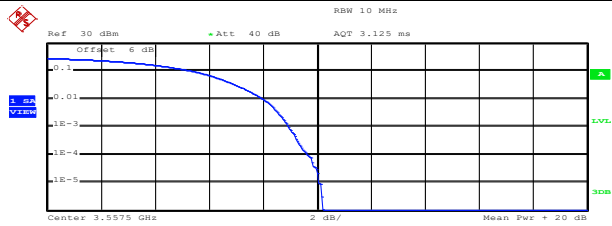
### 64QAM High channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 15.50 dBm  
 Peak 25.08 dBm  
 Crest 9.58 dB

10 %	4.60 dB
1 %	7.12 dB
.1 %	8.48 dB
.01 %	9.24 dB

### QPSK Low channel

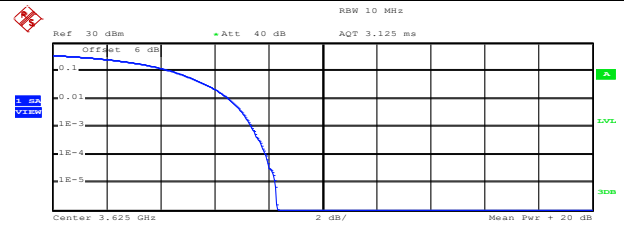


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 13.89 dBm  
Peak 24.09 dBm  
Crest 10.20 dB

10 %	5.52 dB
1 %	8.04 dB
.1 %	8.96 dB
.01 %	9.68 dB

### QPSK Middle channel

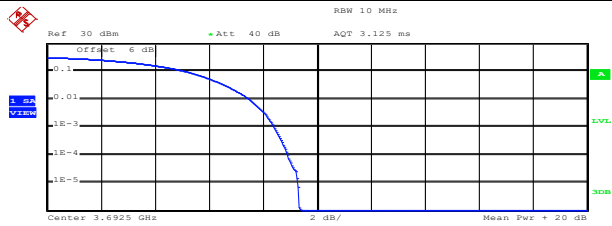


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 15.14 dBm  
Peak 23.45 dBm  
Crest 8.32 dB

10 %	4.48 dB
1 %	6.56 dB
.1 %	7.40 dB
.01 %	7.92 dB

### QPSK High channel



Complementary Cumulative Distribution Function (100000 samples)

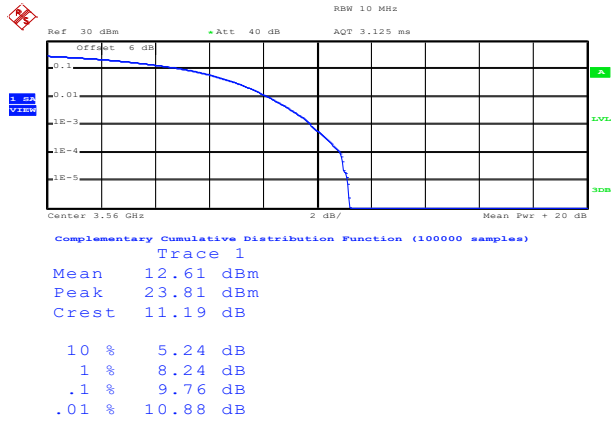
Trace 1  
Mean 15.23 dBm  
Peak 24.58 dBm  
Crest 9.35 dB

10 %	5.24 dB
1 %	7.52 dB
.1 %	8.44 dB
.01 %	8.92 dB

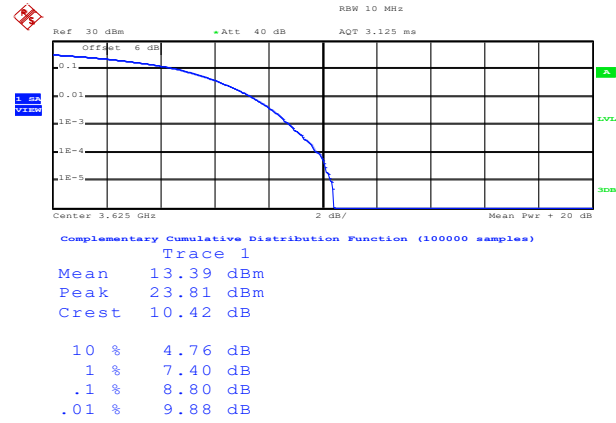


## LTE TDD Band 48, Nominal Bandwidth: 20MHz

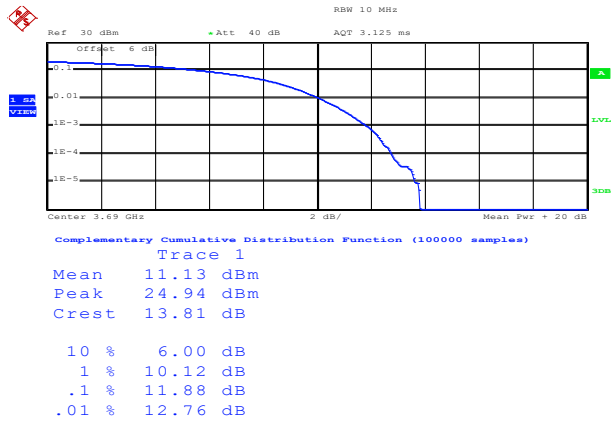
### 16QAM Low channel



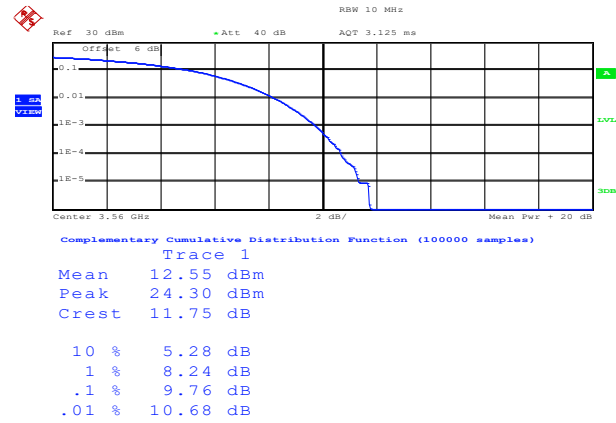
### 16QAM Middle channel



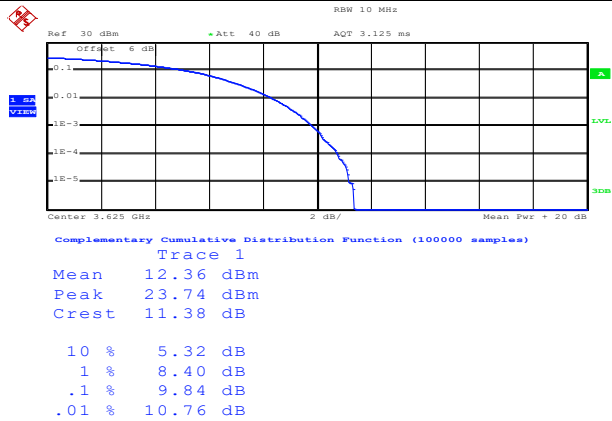
### 16QAM High channel



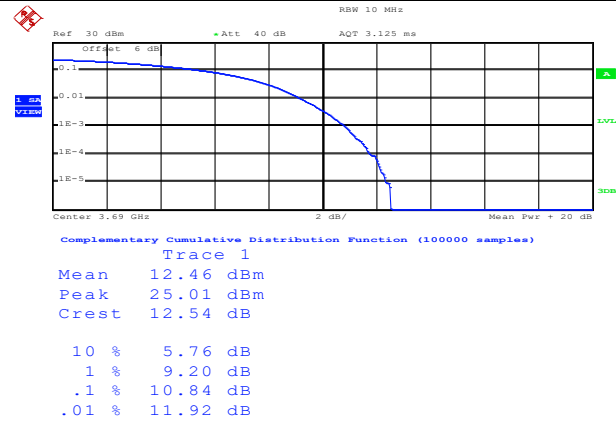
### 64QAM Low channel



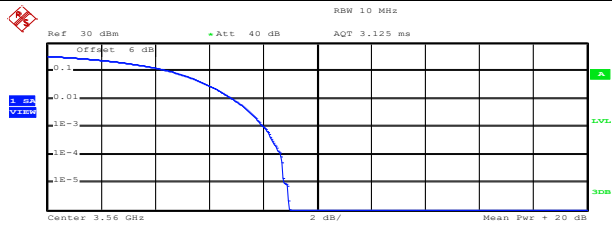
### 64QAM Middle channel



### 64QAM High channel



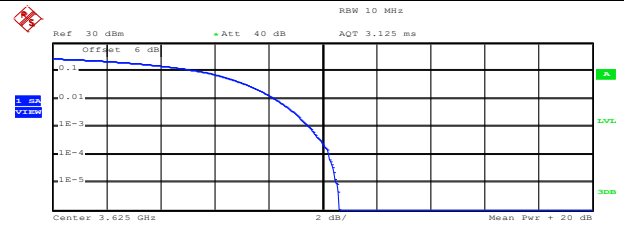
### QPSK Low channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 14.42 dBm  
 Peak 23.38 dBm  
 Crest 8.96 dB

10 %	4.64 dB
1 %	6.88 dB
.1 %	8.04 dB
.01 %	8.68 dB

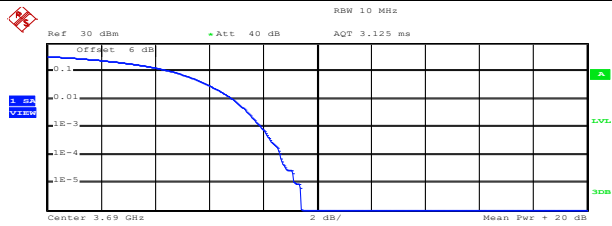
### QPSK Middle channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 12.70 dBm  
 Peak 23.31 dBm  
 Crest 10.61 dB

10 %	5.60 dB
1 %	8.28 dB
.1 %	9.52 dB
.01 %	10.24 dB

### QPSK High channel



Complementary Cumulative Distribution Function (100000 samples)  
 Trace 1  
 Mean 15.15 dBm  
 Peak 24.58 dBm  
 Crest 9.43 dB

10 %	4.72 dB
1 %	6.88 dB
.1 %	7.96 dB
.01 %	8.64 dB

## MIMO Ant 2:

LTE TDD Band 48, Nominal Bandwidth: 5MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.28	13	Pass
	M	Full	0	7.76	13	Pass
	H	Full	0	8.52	13	Pass
64QAM	L	Full	0	8.92	13	Pass
	M	Full	0	10.20	13	Pass
	H	Full	0	7.48	13	Pass
QPSK	L	Full	0	7.32	13	Pass
	M	Full	0	7.80	13	Pass
	H	Full	0	8.64	13	Pass

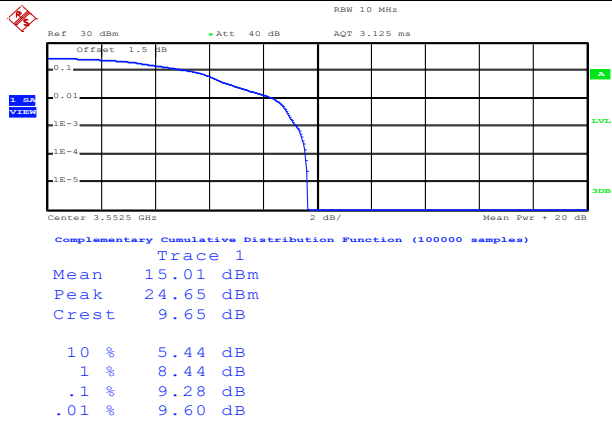
LTE TDD Band 48, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	10.60	13	Pass
	M	Full	0	8.80	13	Pass
	H	Full	0	12.04	13	Pass
64QAM	L	Full	0	8.68	13	Pass
	M	Full	0	10.72	13	Pass
	H	Full	0	8.08	13	Pass
QPSK	L	Full	0	7.96	13	Pass
	M	Full	0	11.32	13	Pass
	H	Full	0	10.04	13	Pass

LTE TDD Band 48, Nominal Bandwidth: 15MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	11.76	13	Pass
	M	Full	0	12.04	13	Pass
	H	Full	0	8.64	13	Pass
64QAM	L	Full	0	8.36	13	Pass
	M	Full	0	9.16	13	Pass
	H	Full	0	9.12	13	Pass
QPSK	L	Full	0	9.36	13	Pass
	M	Full	0	8.44	13	Pass
	H	Full	0	7.52	13	Pass

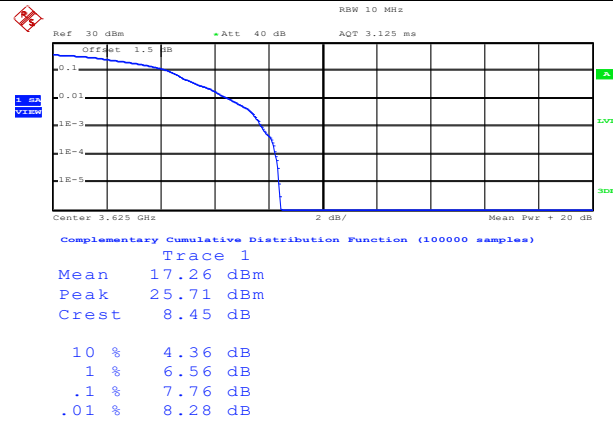
LTE TDD Band 48, Nominal Bandwidth: 20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	10.16	13	Pass
	M	Full	0	9.04	13	Pass
	H	Full	0	11.36	13	Pass
64QAM	L	Full	0	11.16	13	Pass
	M	Full	0	8.72	13	Pass
	H	Full	0	11.76	13	Pass
QPSK	L	Full	0	8.68	13	Pass
	M	Full	0	9.52	13	Pass
	H	Full	0	10.04	13	Pass

LTE TDD Band 48, Nominal Bandwidth: 5MHz

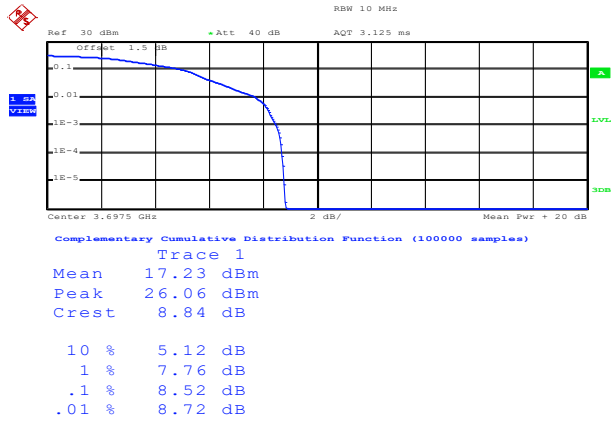
16QAM Low channel



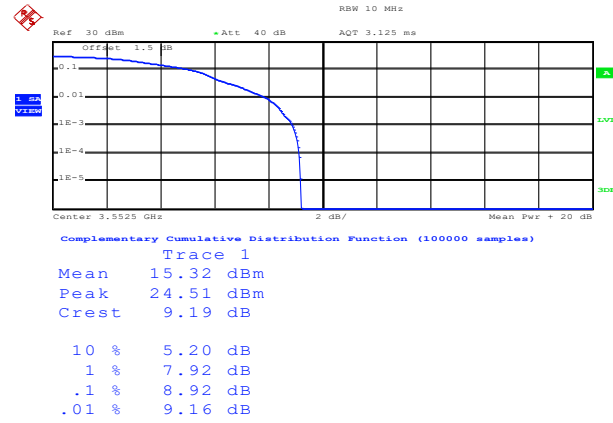
16QAM Middle channel



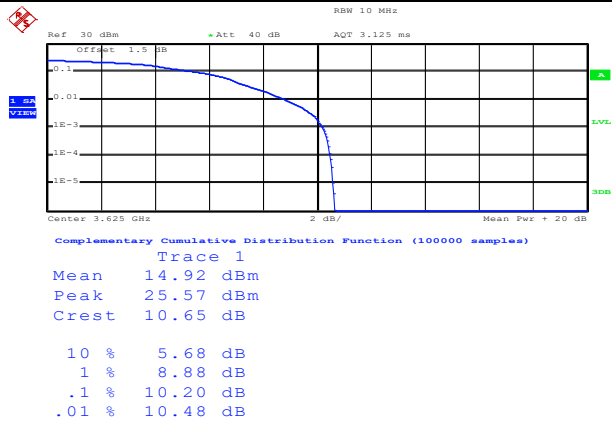
16QAM High channel



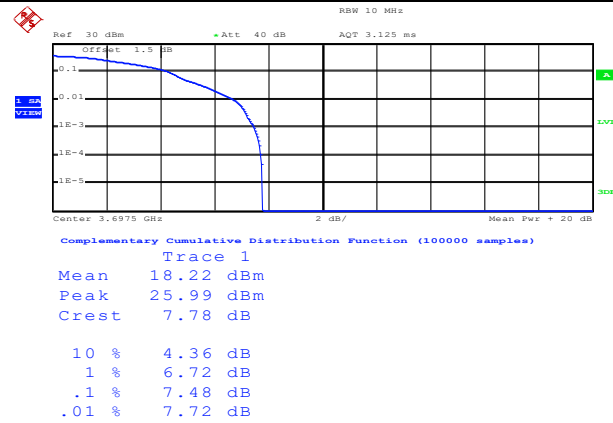
64QAM Low channel



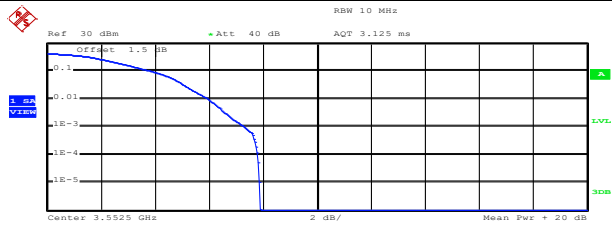
64QAM Middle channel



64QAM High channel



### QPSK Low channel

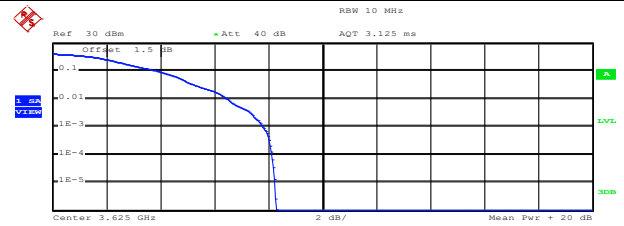


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 16.78 dBm  
 Peak 24.65 dBm  
 Crest 7.87 dB

10 %	3.96 dB
1 %	6.00 dB
.1 %	7.32 dB
.01 %	7.80 dB

### QPSK Middle channel

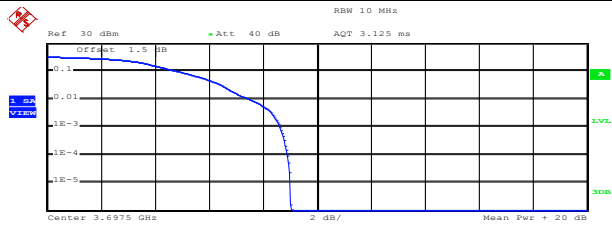


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 17.16 dBm  
 Peak 25.43 dBm  
 Crest 8.27 dB

10 %	4.00 dB
1 %	6.52 dB
.1 %	7.80 dB
.01 %	8.16 dB

### QPSK High channel



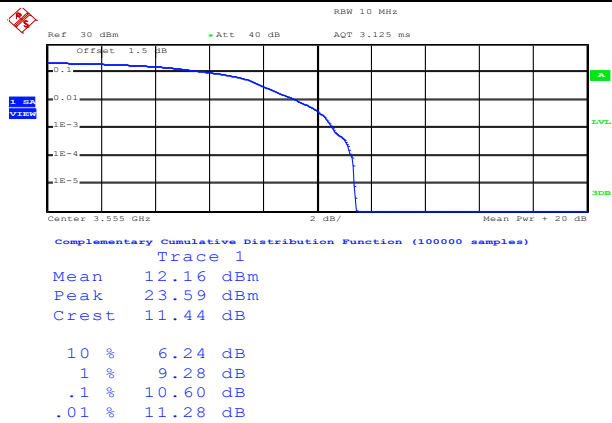
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 16.69 dBm  
 Peak 25.71 dBm  
 Crest 9.02 dB

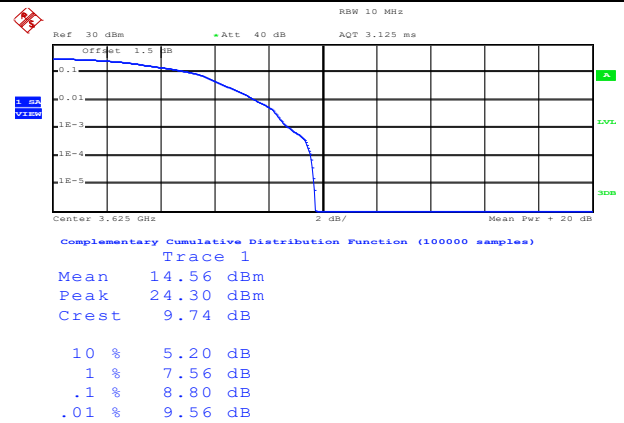
10 %	4.96 dB
1 %	7.56 dB
.1 %	8.64 dB
.01 %	8.92 dB

## LTE TDD Band 48, Nominal Bandwidth: 10MHz

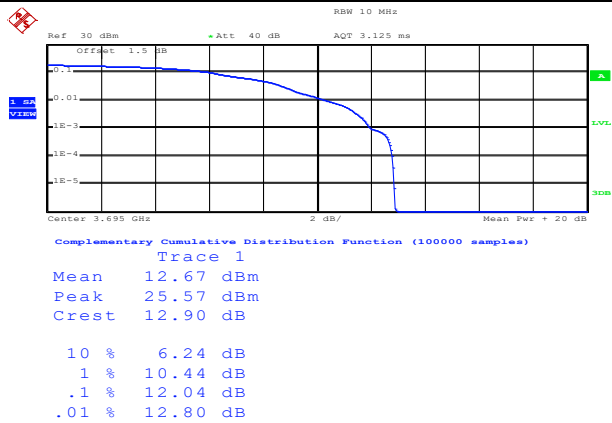
### 16QAM Low channel



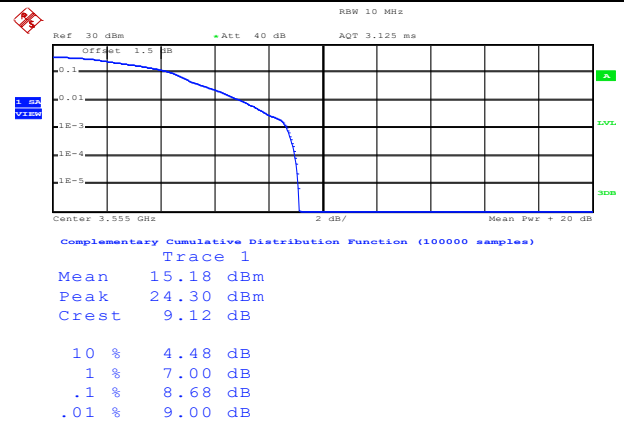
### 16QAM Middle channel



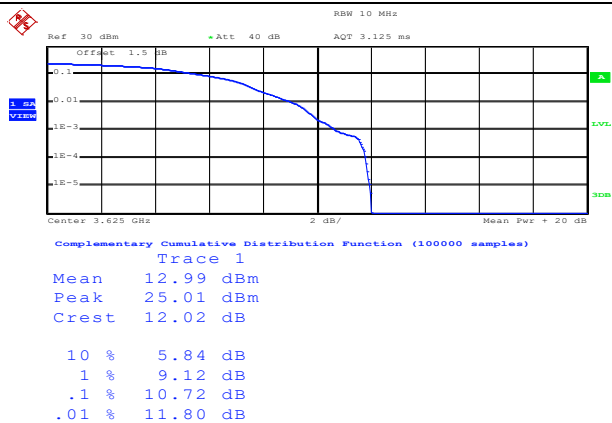
### 16QAM High channel



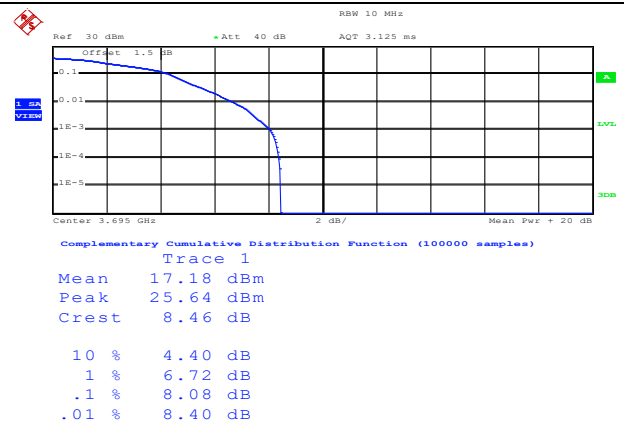
### 64QAM Low channel



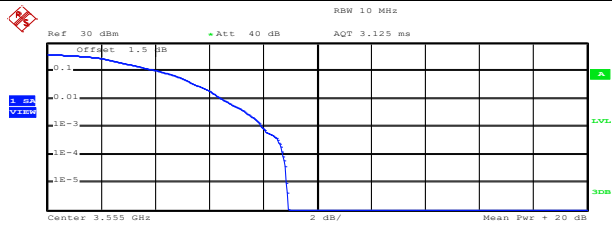
### 64QAM Middle channel



### 64QAM High channel



### QPSK Low channel

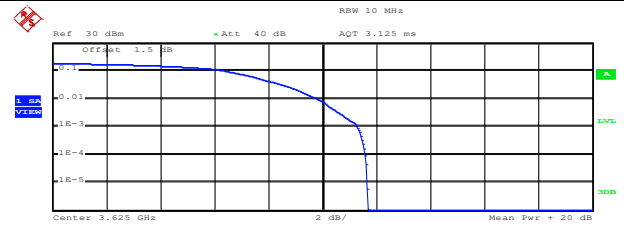


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 15.93 dBm  
 Peak 24.86 dBm  
 Crest 8.93 dB

10 %	4.24 dB
1 %	6.52 dB
.1 %	7.96 dB
.01 %	8.76 dB

### QPSK Middle channel

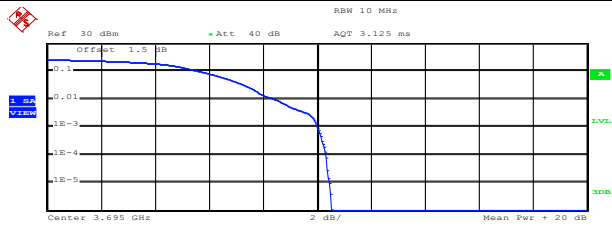


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 12.36 dBm  
 Peak 24.02 dBm  
 Crest 11.66 dB

10 %	6.60 dB
1 %	9.88 dB
.1 %	11.32 dB
.01 %	11.60 dB

### QPSK High channel



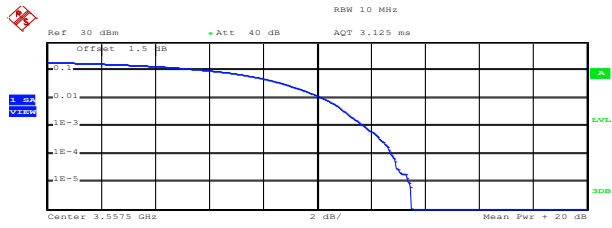
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 14.97 dBm  
 Peak 25.50 dBm  
 Crest 10.53 dB

10 %	5.76 dB
1 %	8.48 dB
.1 %	10.04 dB
.01 %	10.36 dB

## LTE TDD Band 48, Nominal Bandwidth: 15MHz

### 16QAM Low channel

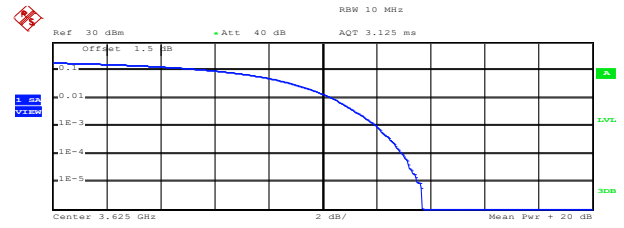


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 10.80 dBm  
 Peak 24.30 dBm  
 Crest 13.50 dB

10 %	6.28 dB
1 %	10.28 dB
.1 %	11.76 dB
.01 %	12.76 dB

### 16QAM Middle channel

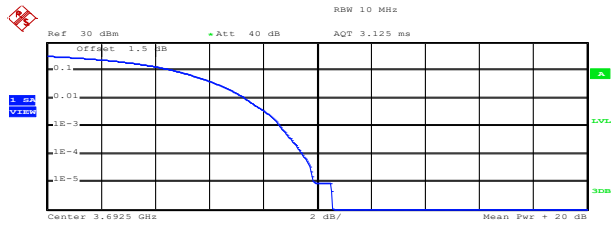


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 10.89 dBm  
 Peak 24.58 dBm  
 Crest 13.70 dB

10 %	6.24 dB
1 %	10.40 dB
.1 %	12.04 dB
.01 %	13.00 dB

### 16QAM High channel

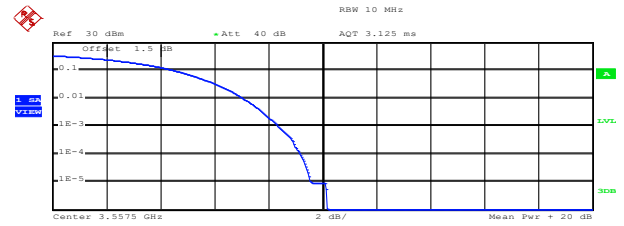


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 15.56 dBm  
 Peak 26.13 dBm  
 Crest 10.57 dB

10 %	4.80 dB
1 %	7.36 dB
.1 %	8.64 dB
.01 %	9.48 dB

### 64QAM Low channel

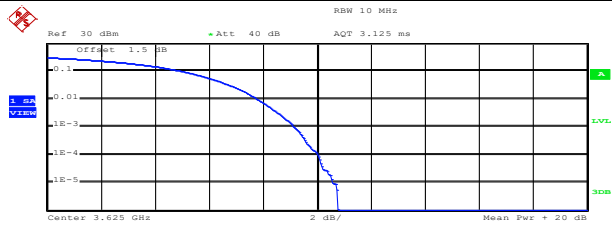


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 14.83 dBm  
 Peak 25.01 dBm  
 Crest 10.18 dB

10 %	4.60 dB
1 %	7.08 dB
.1 %	8.36 dB
.01 %	9.20 dB

### 64QAM Middle channel

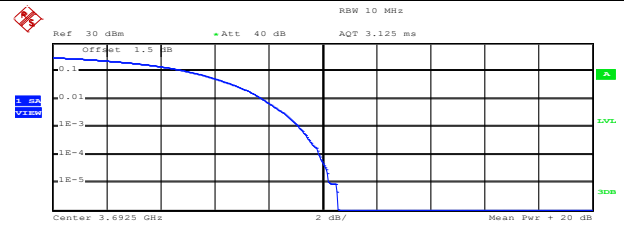


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 13.95 dBm  
 Peak 24.72 dBm  
 Crest 10.78 dB

10 %	5.16 dB
1 %	7.80 dB
.1 %	9.16 dB
.01 %	10.04 dB

### 64QAM High channel



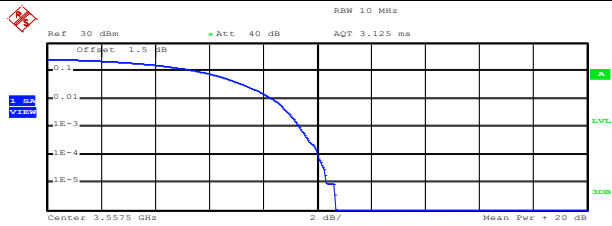
Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
 Mean 15.07 dBm  
 Peak 25.64 dBm  
 Crest 10.57 dB

10 %	5.12 dB
1 %	7.80 dB
.1 %	9.12 dB
.01 %	9.88 dB



### QPSK Low channel

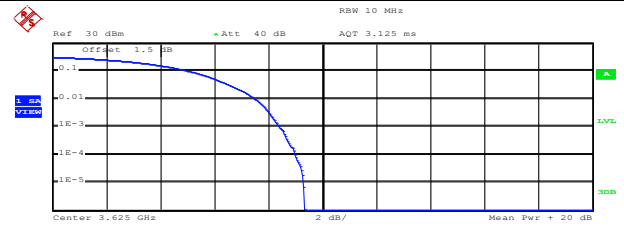


Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean	13.97 dBm
Peak	24.65 dBm
Crest	10.68 dB
10 %	5.72 dB
1 %	8.36 dB
.1 %	9.36 dB
.01 %	10.04 dB

### QPSK Middle channel

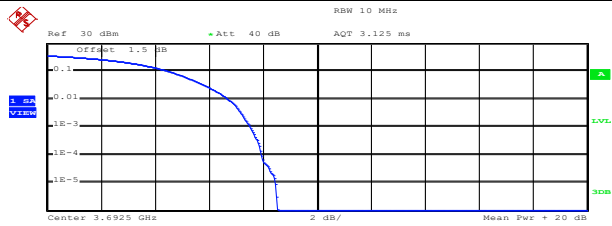


Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean	14.83 dBm
Peak	24.16 dBm
Crest	9.33 dB
10 %	5.16 dB
1 %	7.52 dB
.1 %	8.44 dB
.01 %	9.00 dB

### QPSK High channel



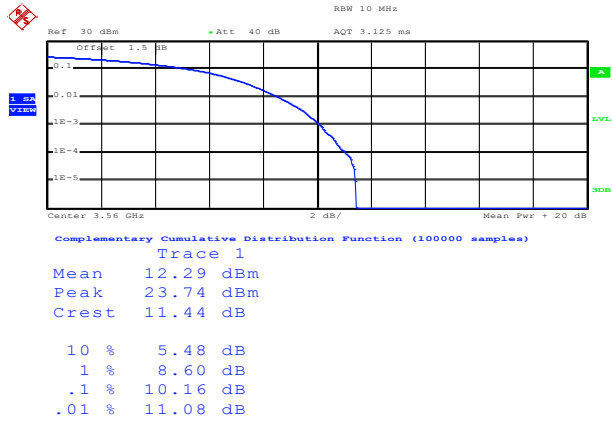
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

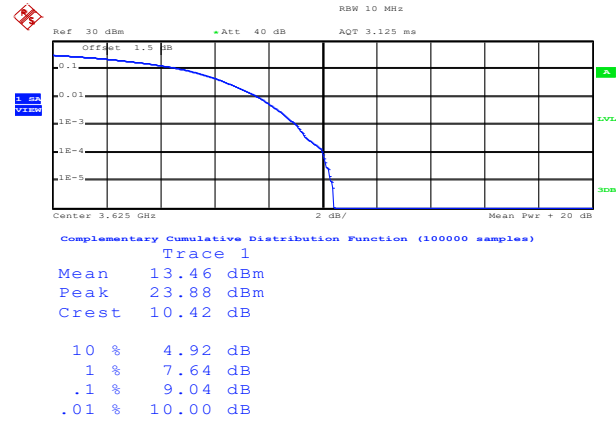
Mean	16.62 dBm
Peak	25.15 dBm
Crest	8.53 dB
10 %	4.60 dB
1 %	6.72 dB
.1 %	7.52 dB
.01 %	7.96 dB

## LTE TDD Band 48, Nominal Bandwidth: 20MHz

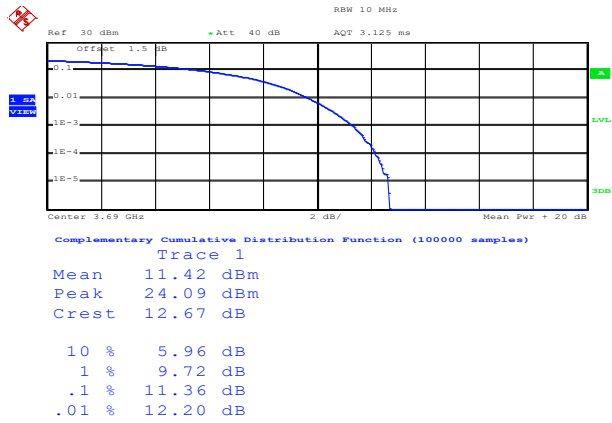
### 16QAM Low channel



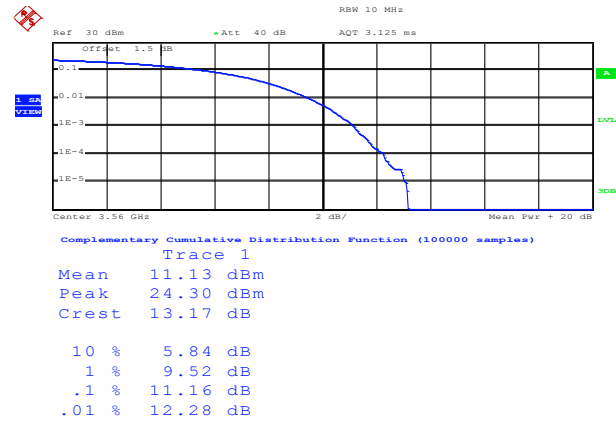
### 16QAM Middle channel



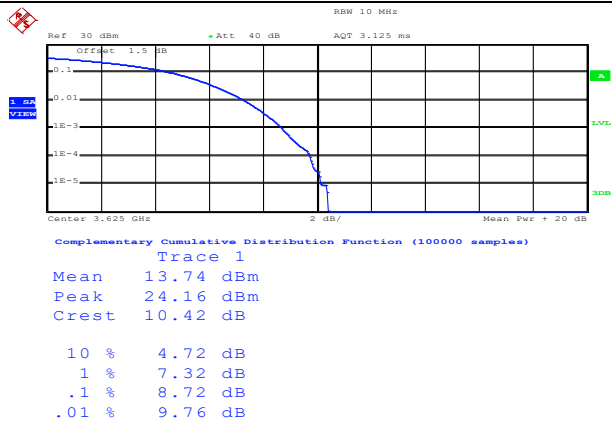
### 16QAM High channel



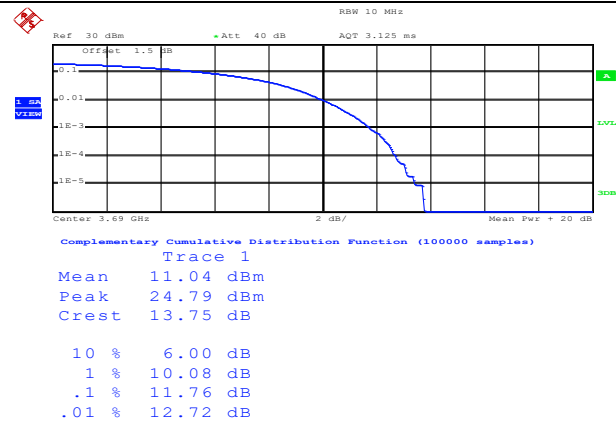
### 64QAM Low channel



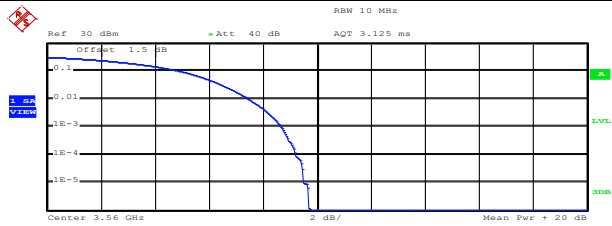
### 64QAM Middle channel



### 64QAM High channel



### QPSK Low channel

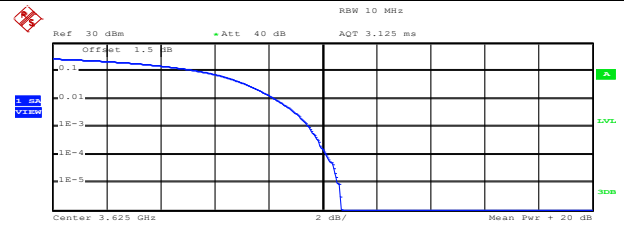


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 14.24 dBm  
Peak 23.95 dBm  
Crest 9.71 dB

10 %	5.04 dB
1 %	7.48 dB
.1 %	8.68 dB
.01 %	9.24 dB

### QPSK Middle channel

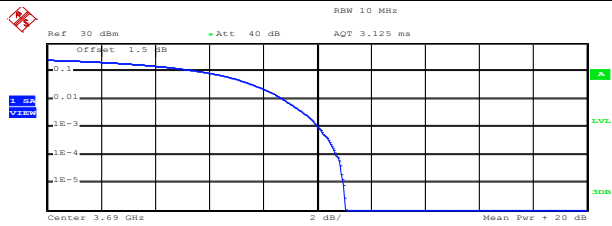


Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 13.20 dBm  
Peak 23.88 dBm  
Crest 10.68 dB

10 %	5.60 dB
1 %	8.28 dB
.1 %	9.52 dB
.01 %	10.16 dB

### QPSK High channel



Complementary Cumulative Distribution Function (100000 samples)

Trace 1  
Mean 12.70 dBm  
Peak 23.74 dBm  
Crest 11.04 dB

10 %	5.84 dB
1 %	8.76 dB
.1 %	10.04 dB
.01 %	10.72 dB