

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

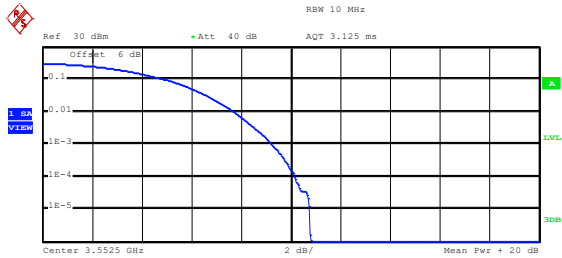
LTE TDD Band 48, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.40	13	Pass
	M	Full	0	8.12	13	Pass
	H	Full	0	10.12	13	Pass
64QAM	L	Full	0	9.08	13	Pass
	M	Full	0	8.32	13	Pass
	H	Full	0	10.72	13	Pass
QPSK	L	Full	0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

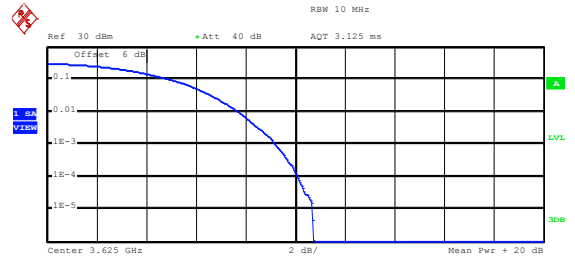


Complementary Cumulative Distribution Function (100000 samples)

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

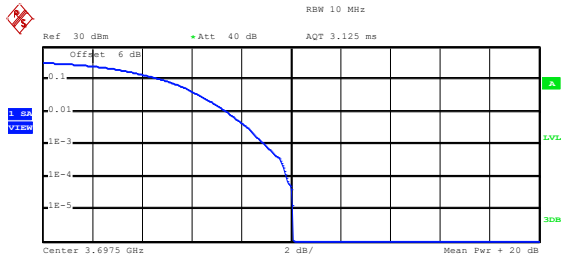


Complementary Cumulative Distribution Function (100000 samples)

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

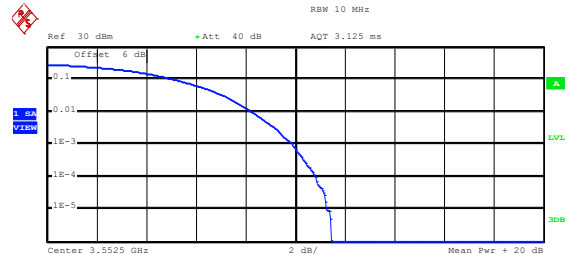


Complementary Cumulative Distribution Function (100000 samples)

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

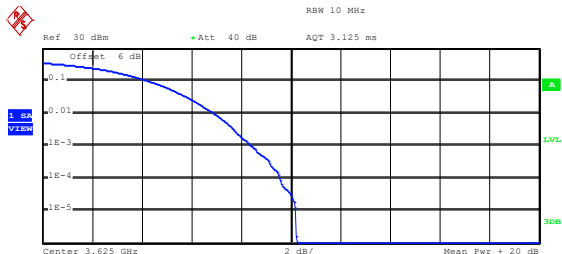


Complementary Cumulative Distribution Function (100000 samples)

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

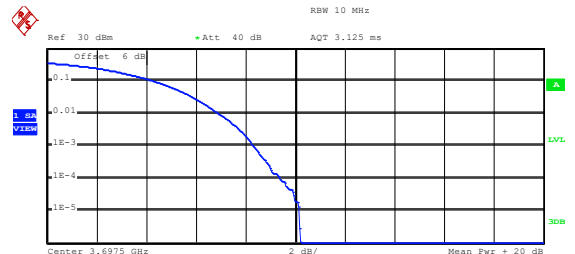


Complementary Cumulative Distribution Function (100000 samples)

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

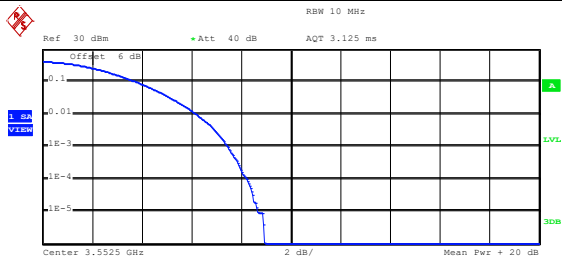


Complementary Cumulative Distribution Function (100000 samples)

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

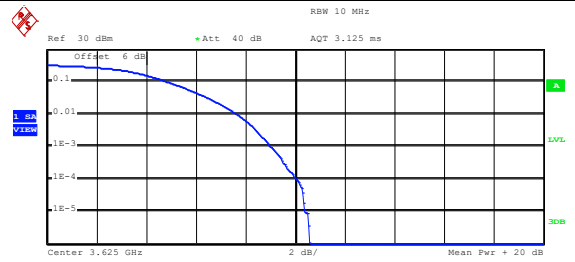
10 % 3.88 dB

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

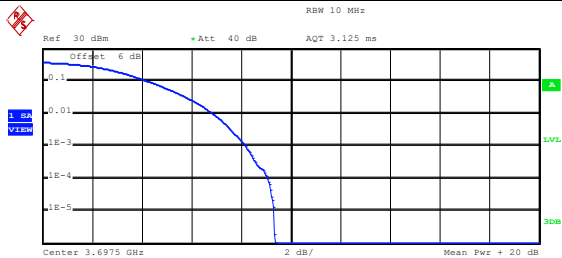
10 % 4.96 dB

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

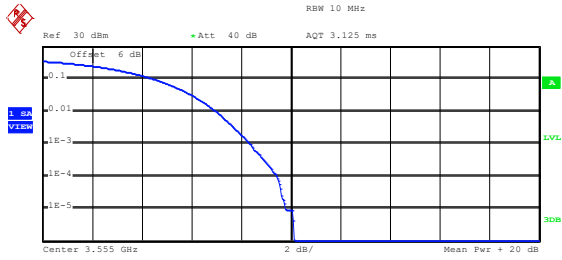
1 % 6.88 dB

.1 % 8.20 dB

.01 % 9.08 dB

LTE TDD Band 48, Nominal Bandwidth: 10MHz

16QAM Low channel

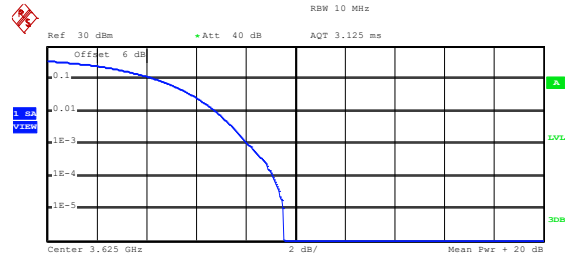


Complementary Cumulative Distribution Function (100000 samples)

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

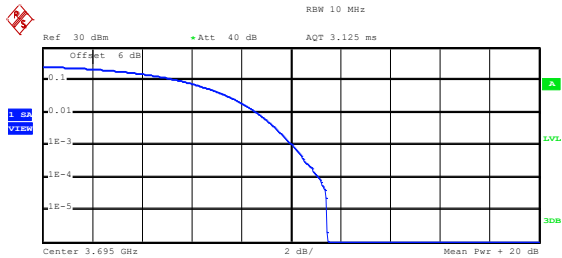


Complementary Cumulative Distribution Function (100000 samples)

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

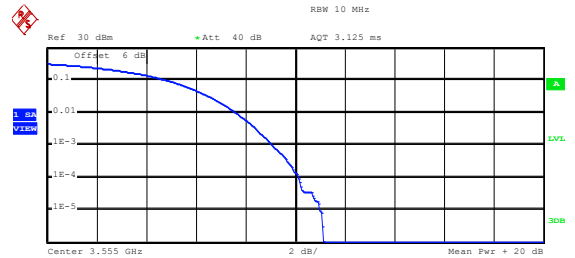


Complementary Cumulative Distribution Function (100000 samples)

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

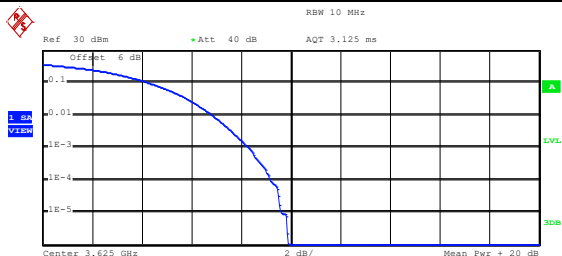


Complementary Cumulative Distribution Function (100000 samples)

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

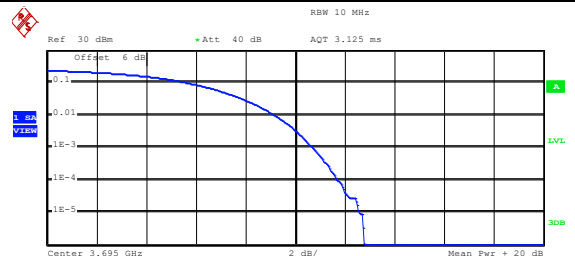


Complementary Cumulative Distribution Function (100000 samples)

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

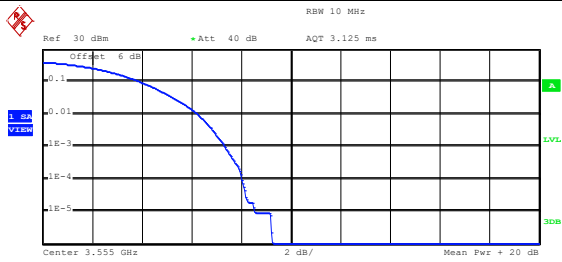


Complementary Cumulative Distribution Function (100000 samples)

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

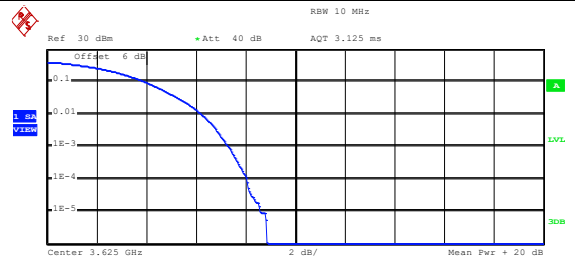
10 % 4.00 dB

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

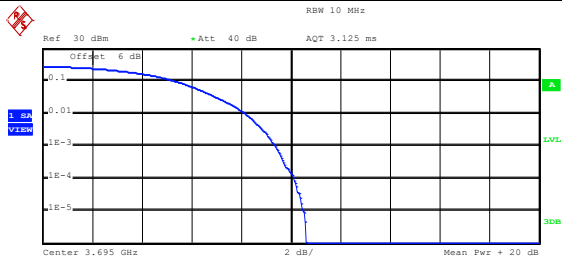
10 % 4.00 dB

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

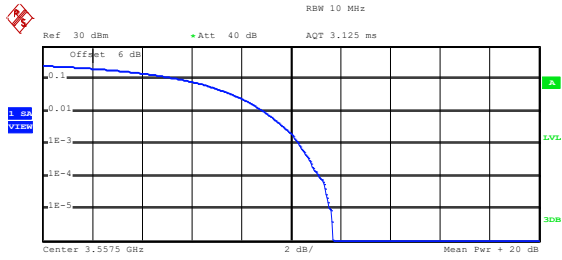
1 % 8.20 dB

.1 % 9.40 dB

.01 % 10.16 dB

LTE TDD Band 48, Nominal Bandwidth: 15MHz

16QAM Low channel

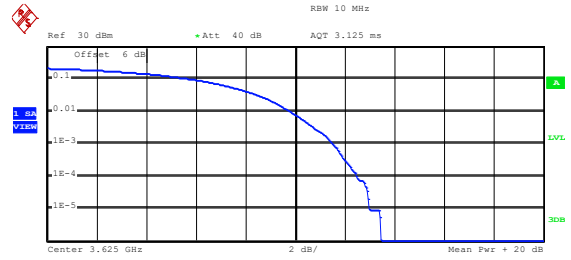


Complementary Cumulative Distribution Function (100000 samples)

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

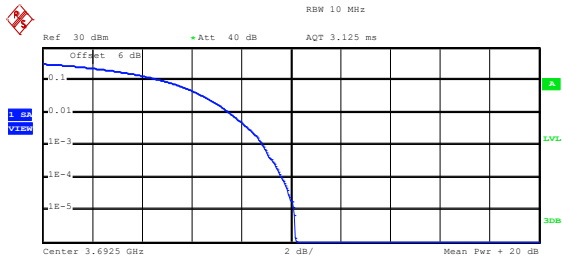


Complementary Cumulative Distribution Function (100000 samples)

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

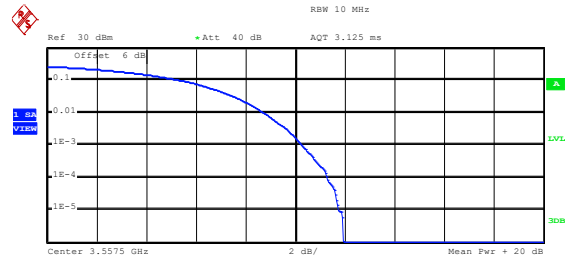


Complementary Cumulative Distribution Function (100000 samples)

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

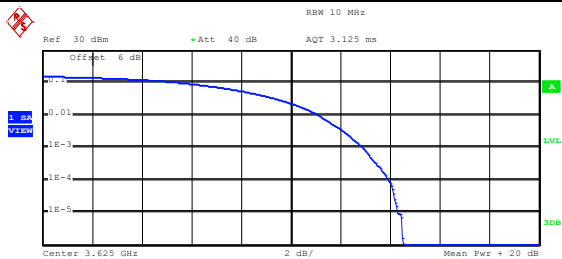


Complementary Cumulative Distribution Function (100000 samples)

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

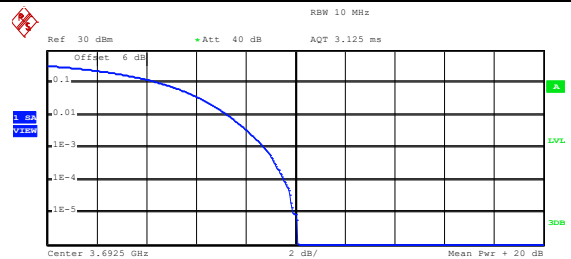


Complementary Cumulative Distribution Function (100000 samples)

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

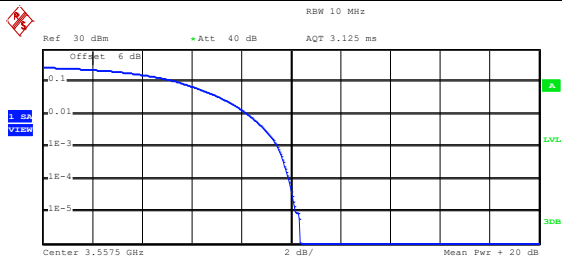


Complementary Cumulative Distribution Function (100000 samples)

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

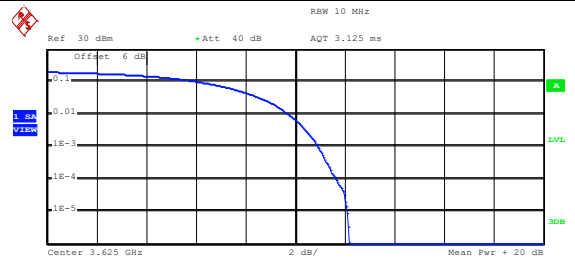
10 % 5.56 dB

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

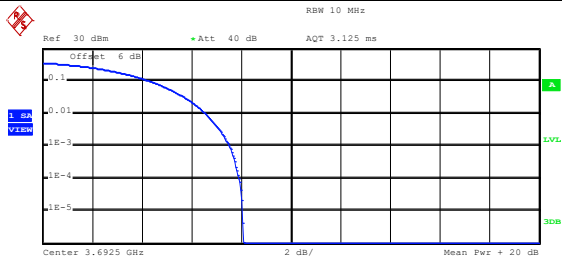
10 % 6.36 dB

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

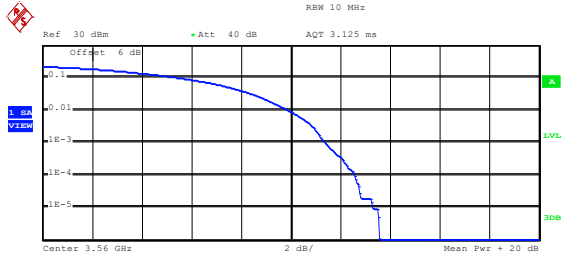
1 % 6.56 dB

.1 % 7.56 dB

.01 % 7.92 dB

LTE TDD Band 48, Nominal Bandwidth: 20MHz

16QAM Low channel

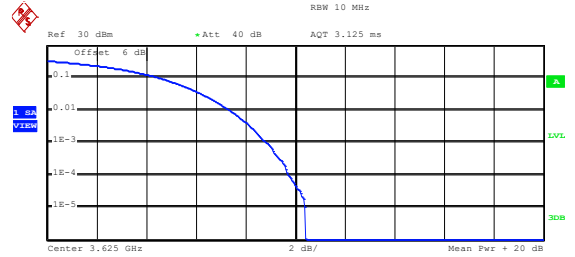


Complementary Cumulative Distribution Function (100000 samples)

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

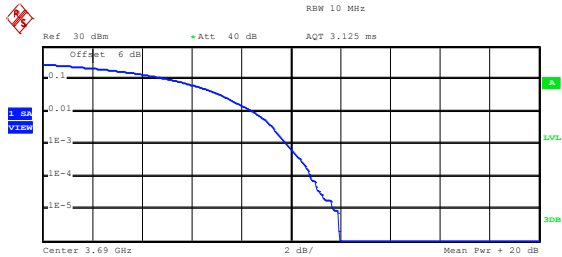


Complementary Cumulative Distribution Function (100000 samples)

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

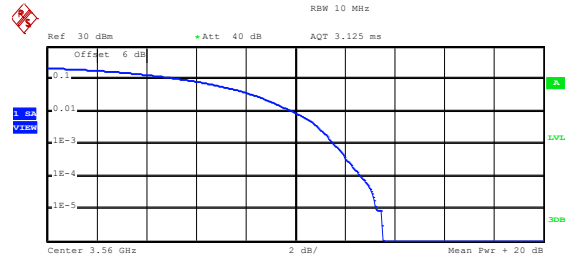


Complementary Cumulative Distribution Function (100000 samples)

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

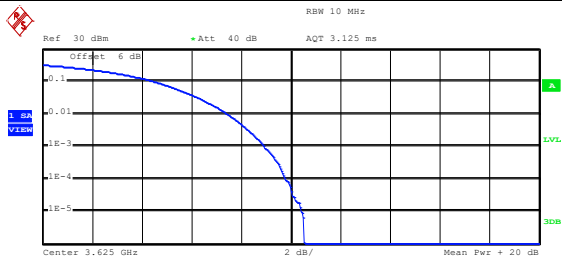


Complementary Cumulative Distribution Function (100000 samples)

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

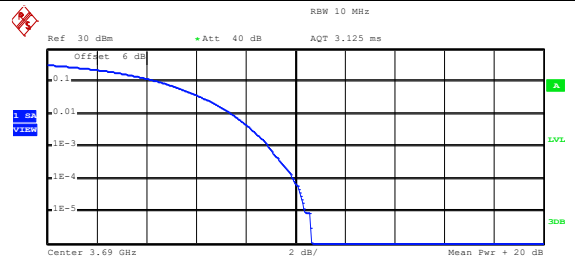


Complementary Cumulative Distribution Function (100000 samples)

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

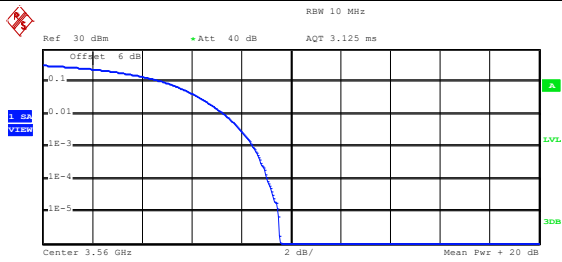


Complementary Cumulative Distribution Function (100000 samples)

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

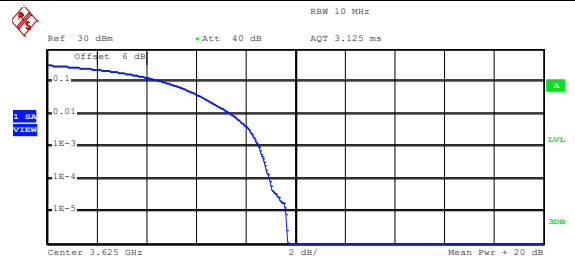


Complementary Cumulative Distribution Function (100000 samples)

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

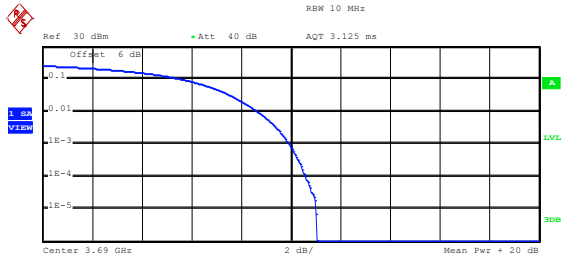


Complementary Cumulative Distribution Function (100000 samples)

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

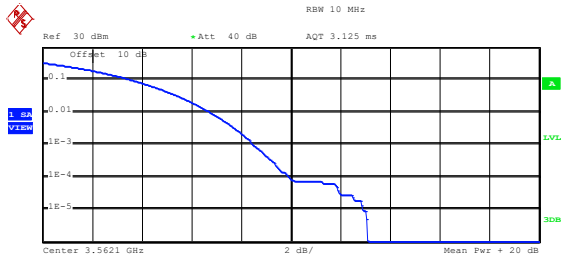
LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20-10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.52	13	Pass
	M	Full	0	9.08	13	Pass
	H	Full	0	2.68	13	Pass
64QAM	L	Full	0	9.52	13	Pass
	M	Full	0	11.56	13	Pass
	H	Full	0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

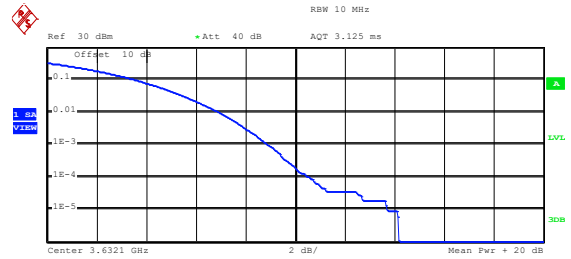


Complementary Cumulative Distribution Function (100000 samples)

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

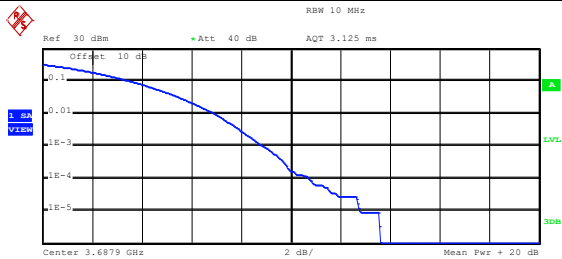


Complementary Cumulative Distribution Function (100000 samples)

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

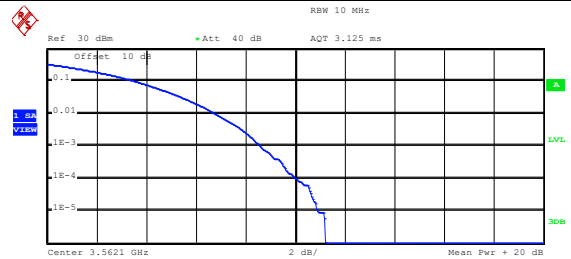


Complementary Cumulative Distribution Function (100000 samples)

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

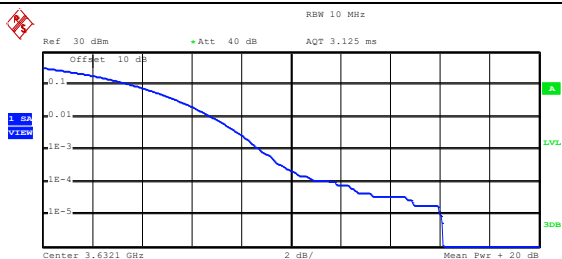


Complementary Cumulative Distribution Function (100000 samples)

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

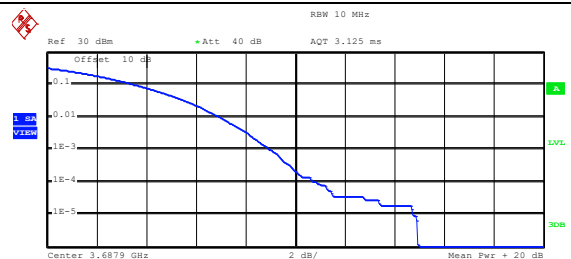


Complementary Cumulative Distribution Function (100000 samples)

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

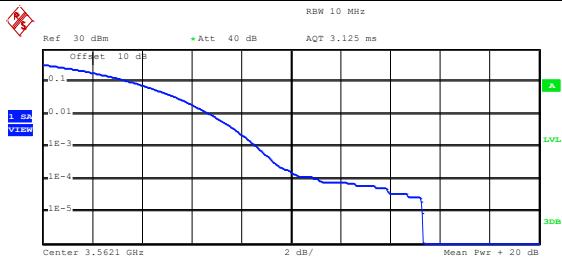


Complementary Cumulative Distribution Function (100000 samples)

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

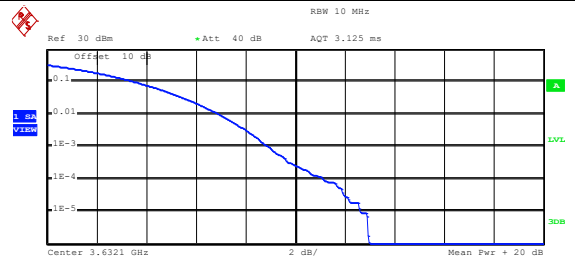


Complementary Cumulative Distribution Function (100000 samples)

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

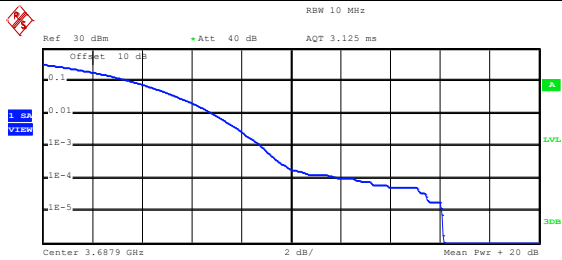


Complementary Cumulative Distribution Function (100000 samples)

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



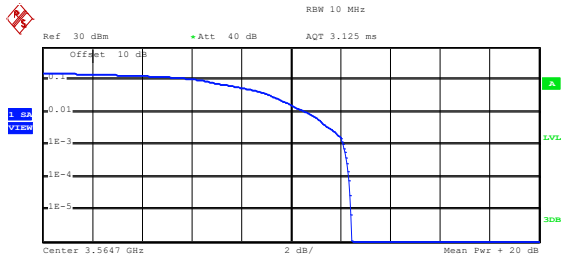
Complementary Cumulative Distribution Function (100000 samples)

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

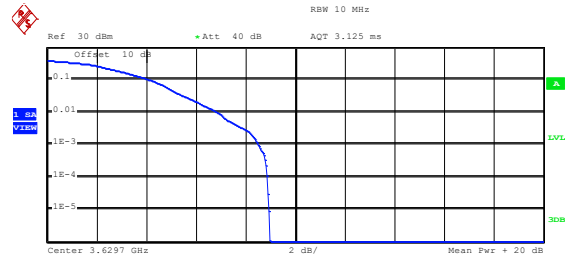


Complementary Cumulative Distribution Function (100000 samples)

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

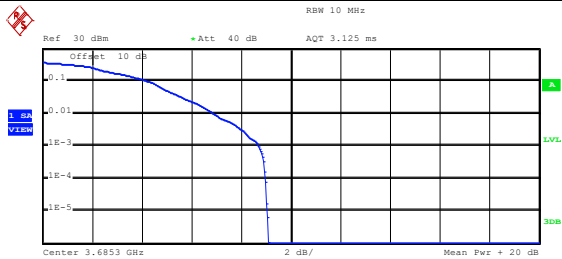


Complementary Cumulative Distribution Function (100000 samples)

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

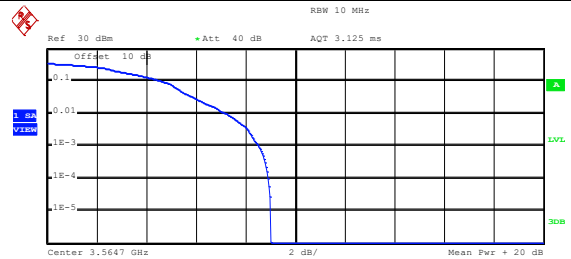


Complementary Cumulative Distribution Function (100000 samples)

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

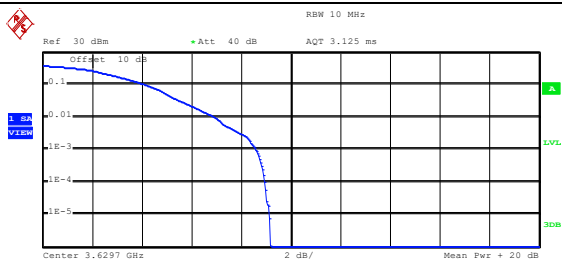


Complementary Cumulative Distribution Function (100000 samples)

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

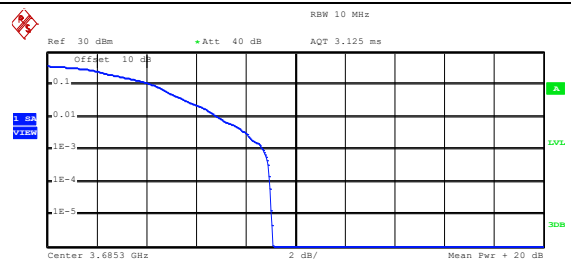


Complementary Cumulative Distribution Function (100000 samples)

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

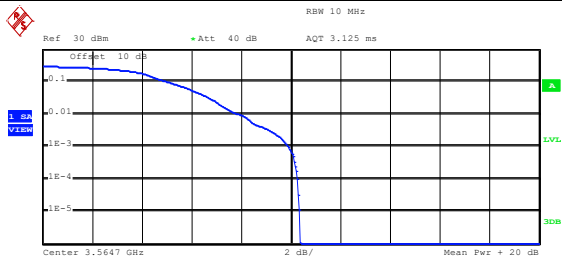


Complementary Cumulative Distribution Function (100000 samples)

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

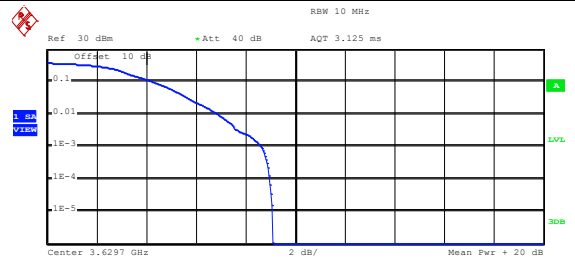


Complementary Cumulative Distribution Function (100000 samples)

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

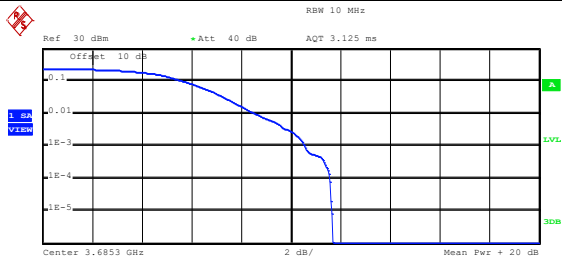


Complementary Cumulative Distribution Function (100000 samples)

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



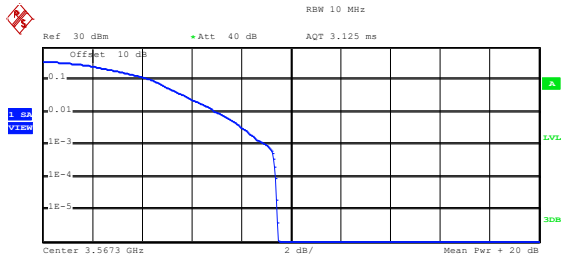
Complementary Cumulative Distribution Function (100000 samples)

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

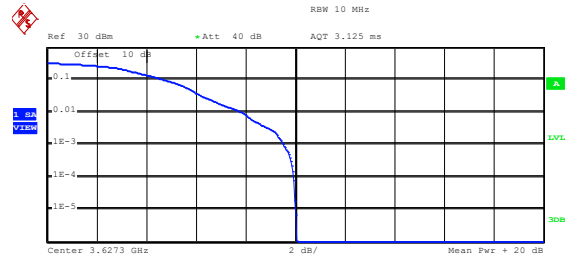


Complementary Cumulative Distribution Function (100000 samples)

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

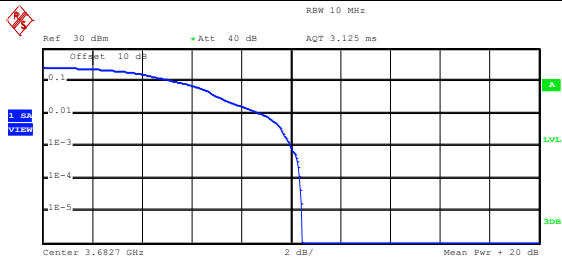


Complementary Cumulative Distribution Function (100000 samples)

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

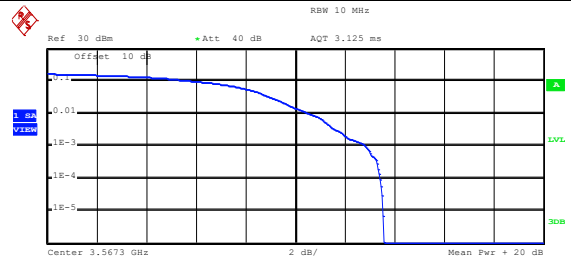


Complementary Cumulative Distribution Function (100000 samples)

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

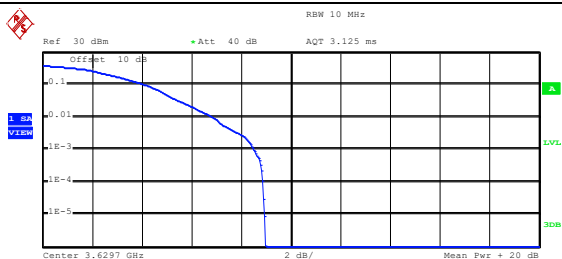


Complementary Cumulative Distribution Function (100000 samples)

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

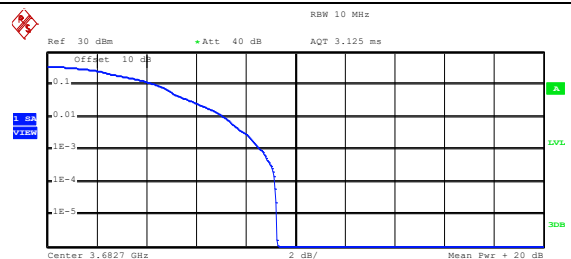


Complementary Cumulative Distribution Function (100000 samples)

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

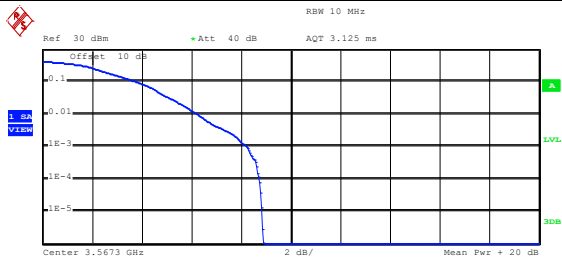


Complementary Cumulative Distribution Function (100000 samples)

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

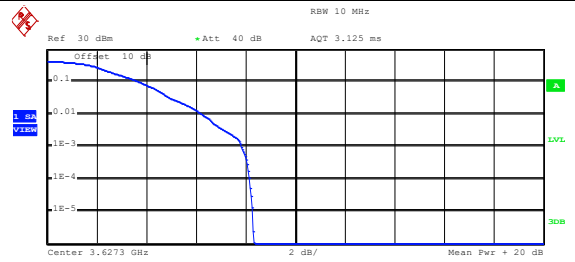


Complementary Cumulative Distribution Function (100000 samples)

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

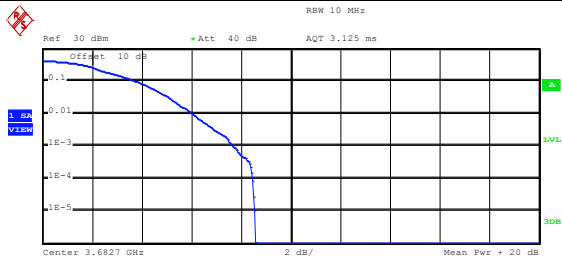


Complementary Cumulative Distribution Function (100000 samples)

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



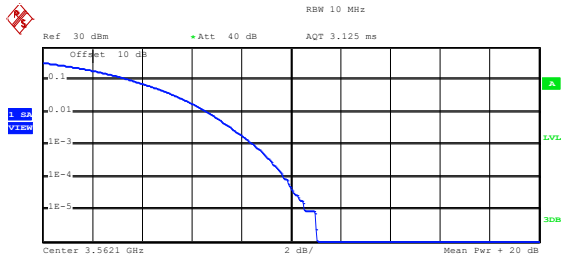
Complementary Cumulative Distribution Function (100000 samples)

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

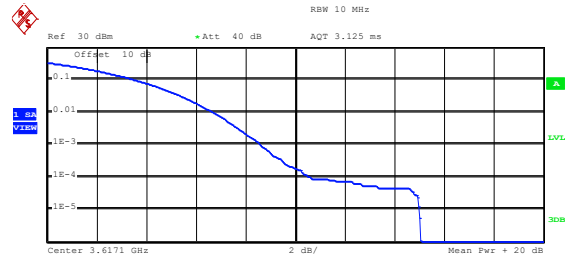


Complementary Cumulative Distribution Function (100000 samples)

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

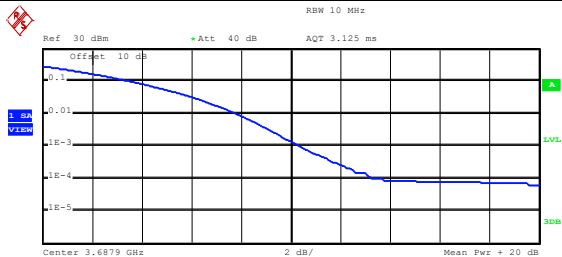


Complementary Cumulative Distribution Function (100000 samples)

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

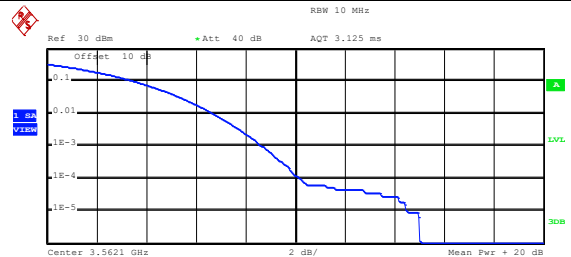


Complementary Cumulative Distribution Function (100000 samples)

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

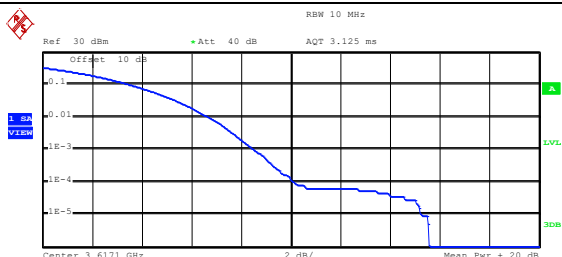


Complementary Cumulative Distribution Function (100000 samples)

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

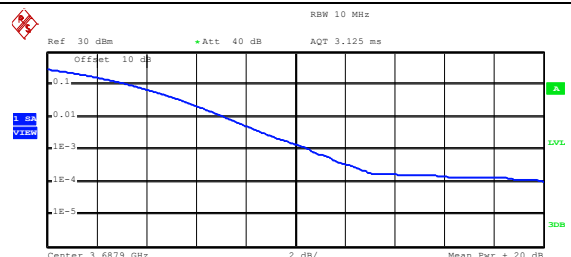


Complementary Cumulative Distribution Function (100000 samples)

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

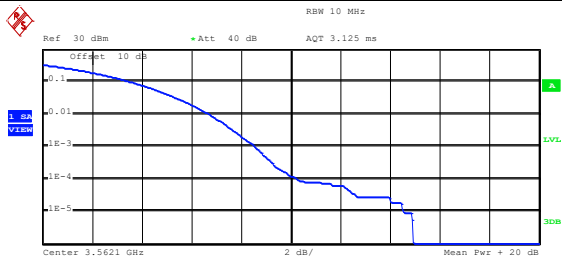


Complementary Cumulative Distribution Function (100000 samples)

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

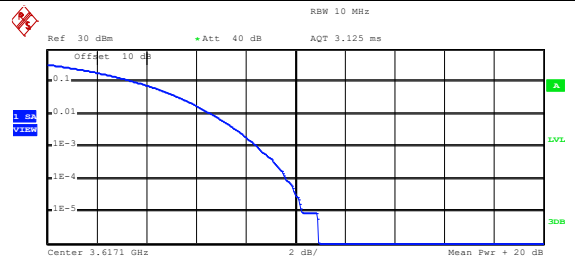


Complementary Cumulative Distribution Function (100000 samples)

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

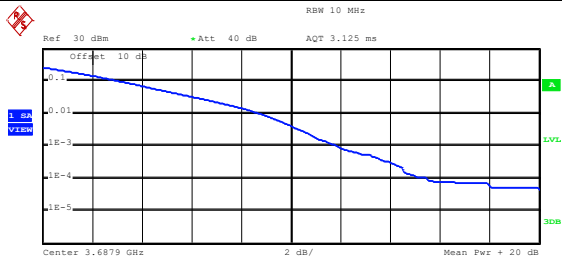


Complementary Cumulative Distribution Function (100000 samples)

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



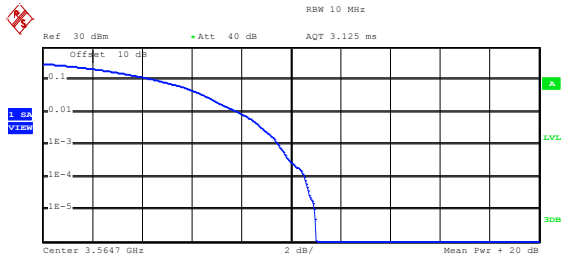
Complementary Cumulative Distribution Function (100000 samples)

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

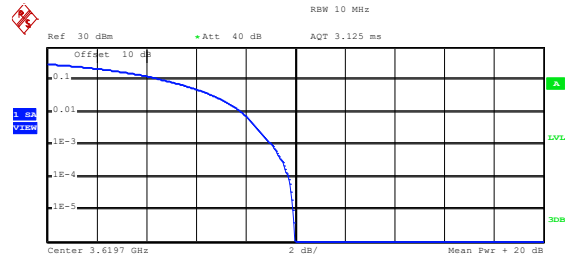


Complementary Cumulative Distribution Function (100000 samples)

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

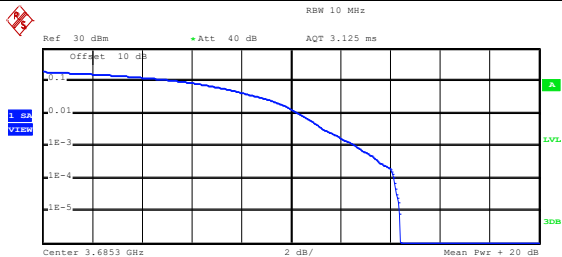


Complementary Cumulative Distribution Function (100000 samples)

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

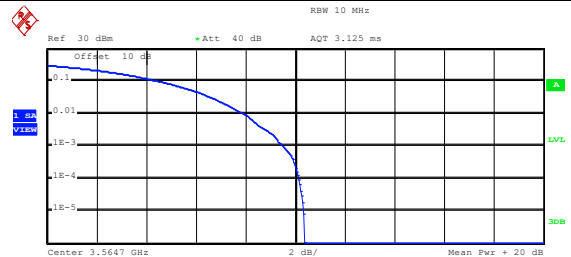


Complementary Cumulative Distribution Function (100000 samples)

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

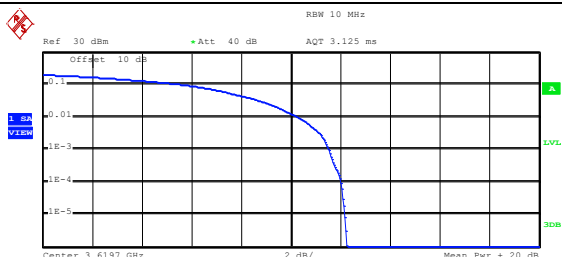


Complementary Cumulative Distribution Function (100000 samples)

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

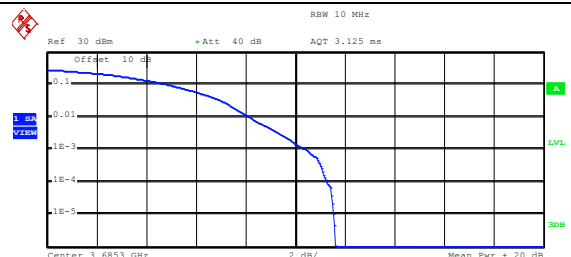


Complementary Cumulative Distribution Function (100000 samples)

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

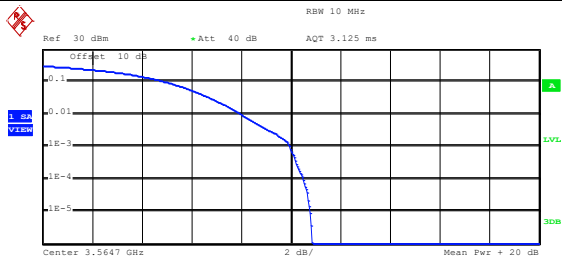


Complementary Cumulative Distribution Function (100000 samples)

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

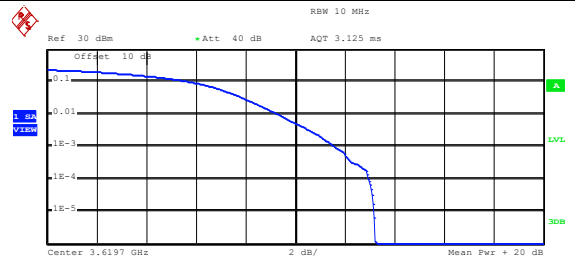


Complementary Cumulative Distribution Function (100000 samples)

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

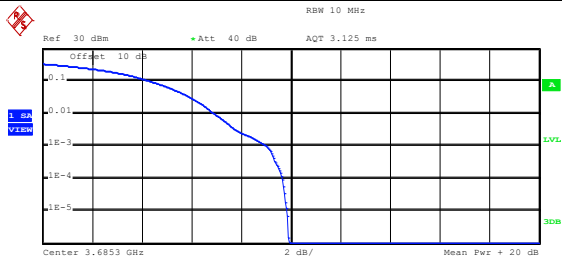


Complementary Cumulative Distribution Function (100000 samples)

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



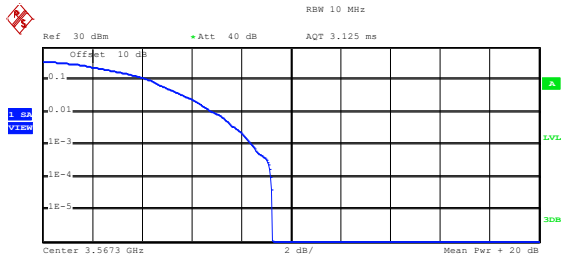
Complementary Cumulative Distribution Function (100000 samples)

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

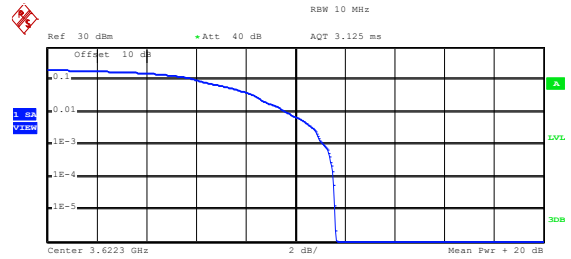


Complementary Cumulative Distribution Function (100000 samples)

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

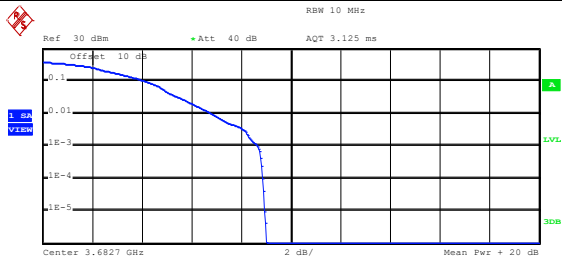


Complementary Cumulative Distribution Function (100000 samples)

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

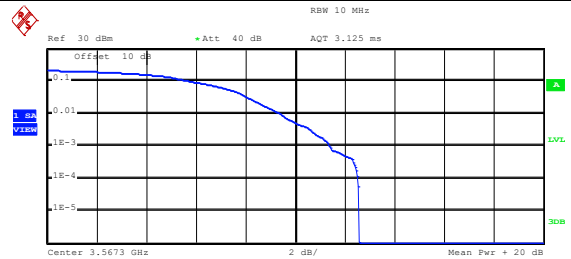


Complementary Cumulative Distribution Function (100000 samples)

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

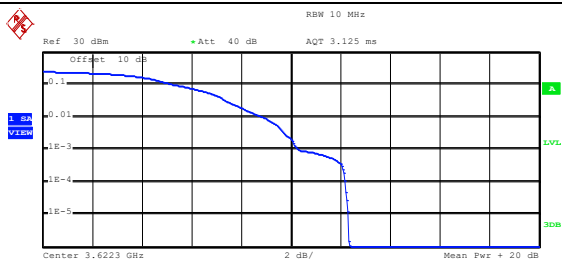


Complementary Cumulative Distribution Function (100000 samples)

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

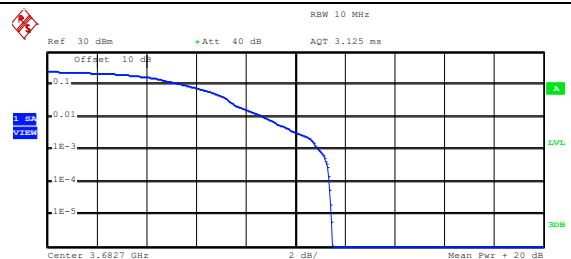


Complementary Cumulative Distribution Function (100000 samples)

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

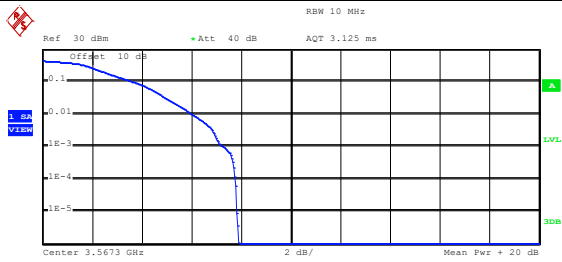


Complementary Cumulative Distribution Function (100000 samples)

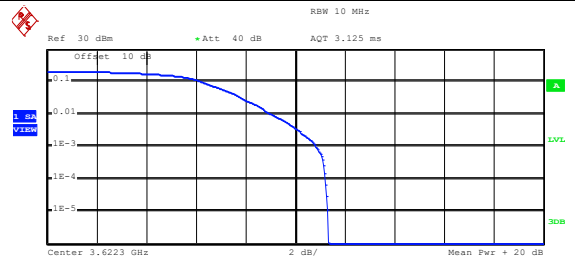
Trace 1
Mean 9.04 dBm
Peak 20.54 dBm
Crest 11.50 dB

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

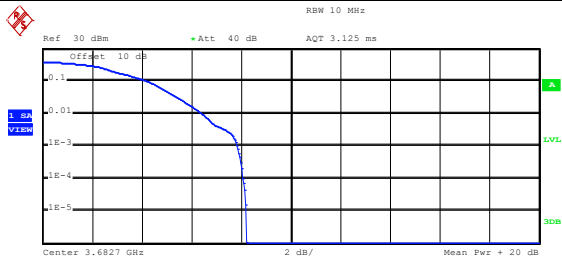
QPSK Low channel



QPSK Middle channel

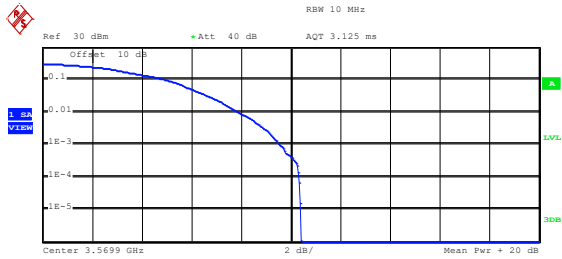


QPSK High channel



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

16QAM Low channel



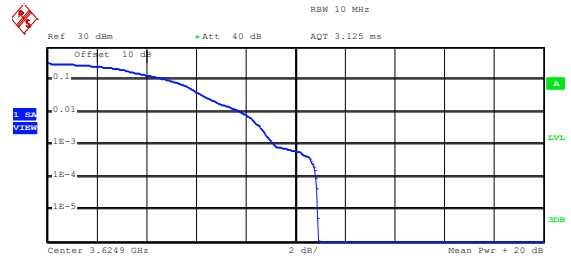
Complementary Cumulative Distribution Function (100000 samples)

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



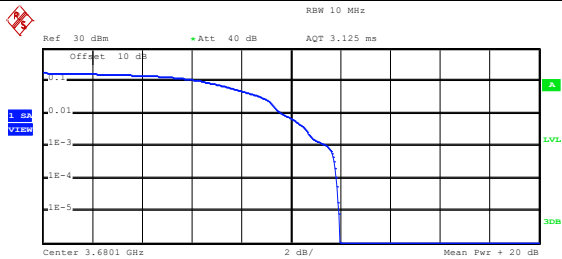
Complementary Cumulative Distribution Function (100000 samples)

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



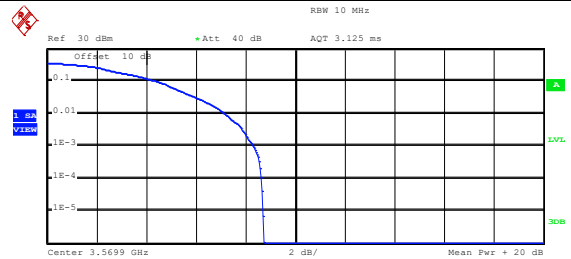
Complementary Cumulative Distribution Function (100000 samples)

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



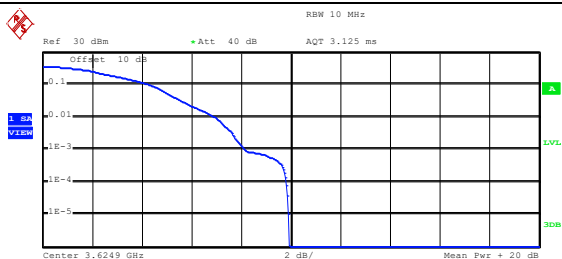
Complementary Cumulative Distribution Function (100000 samples)

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



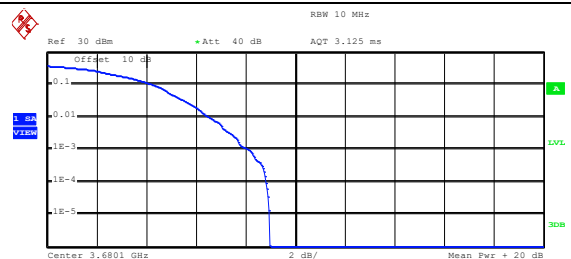
Complementary Cumulative Distribution Function (100000 samples)

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



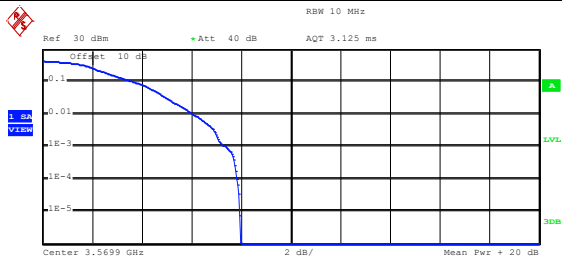
Complementary Cumulative Distribution Function (100000 samples)

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

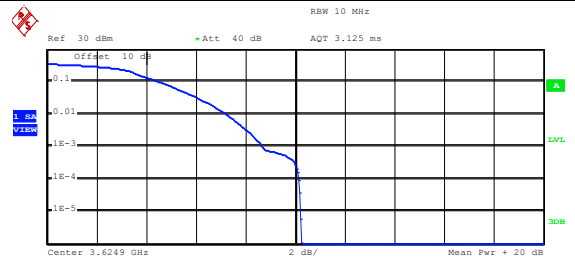


Complementary Cumulative Distribution Function (100000 samples)

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

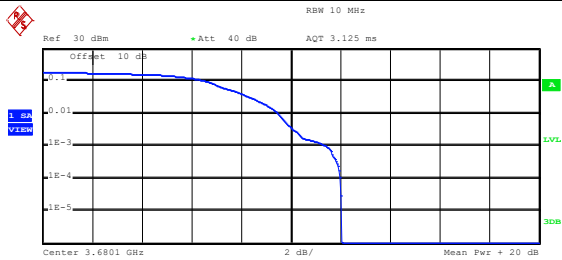


Complementary Cumulative Distribution Function (100000 samples)

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

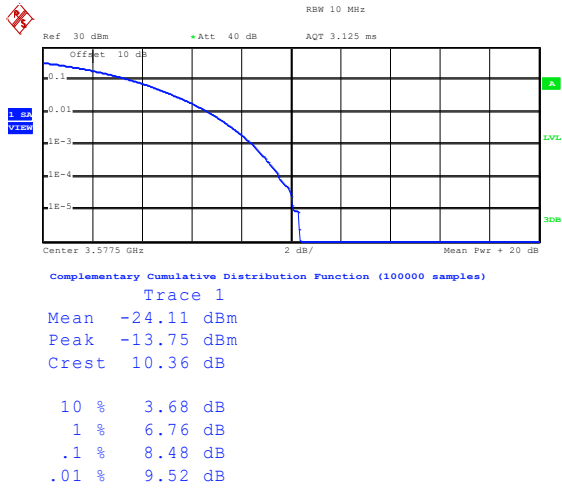
LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 20-10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.60	13	Pass
	M	Full	0	8.52	13	Pass
	H	Full	0	9.56	13	Pass
64QAM	L	Full	0	9.56	13	Pass
	M	Full	0	10.24	13	Pass
	H	Full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

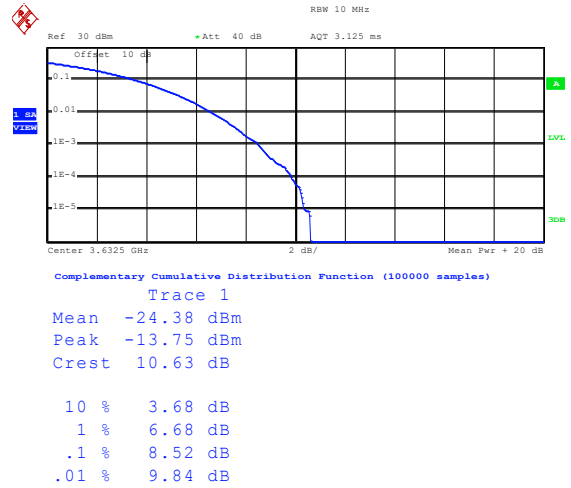
LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 20-20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	8.40	13	Pass
	M	Full	0	8.44	13	Pass
	H	Full	0	8.48	13	Pass
64QAM	L	Full	0	8.52	13	Pass
	M	Full	0	8.28	13	Pass
	H	Full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

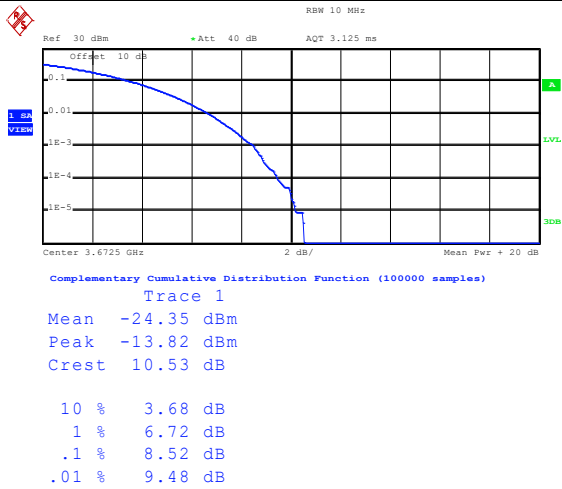
16QAM Low channel



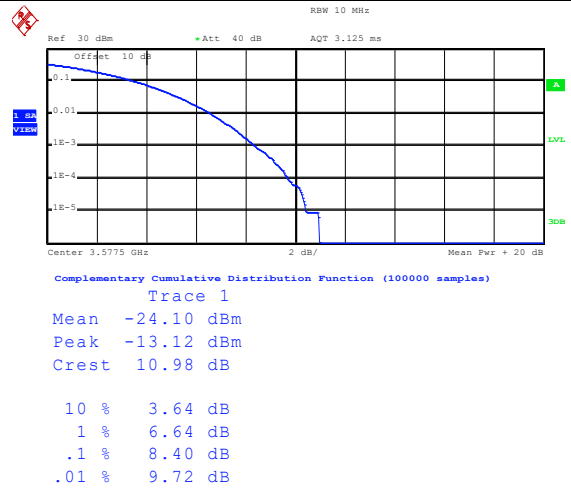
16QAM Middle channel



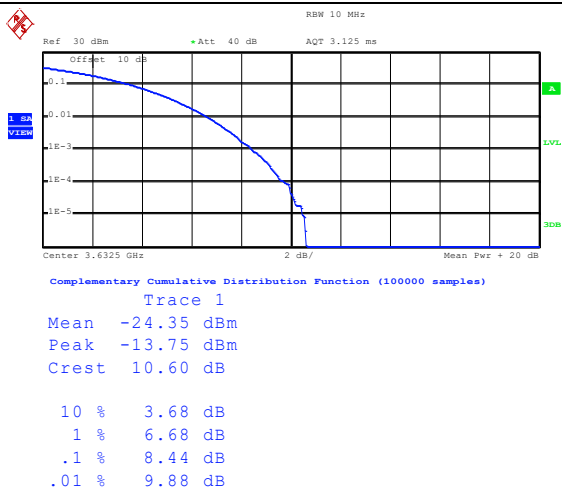
16QAM High channel



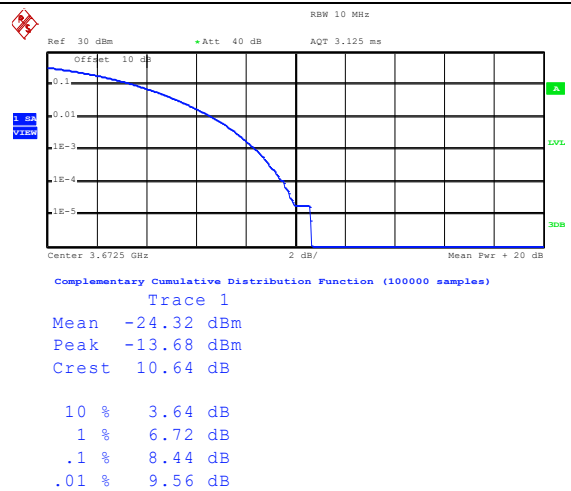
64QAM Low channel



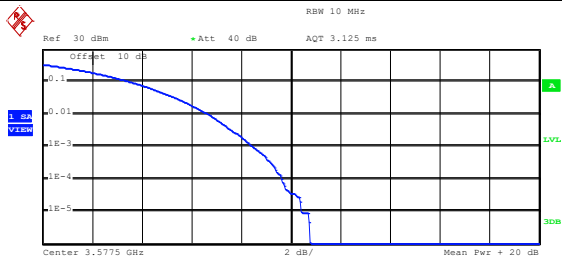
64QAM Middle channel



64QAM High channel



QPSK Low channel

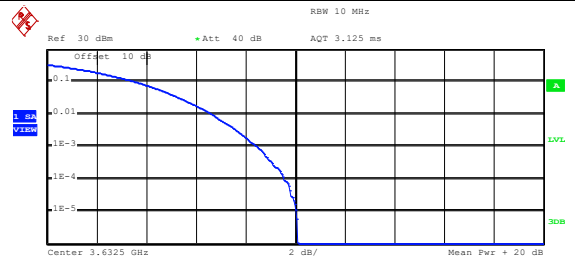


Complementary Cumulative Distribution Function (100000 samples)

Trace 1
Mean -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

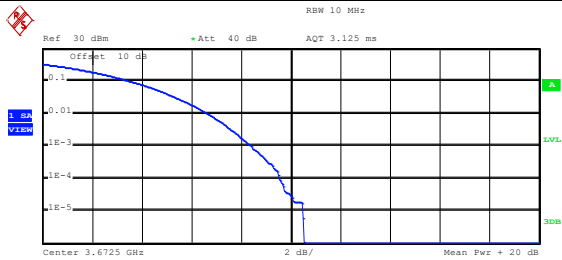


Complementary Cumulative Distribution Function (100000 samples)

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



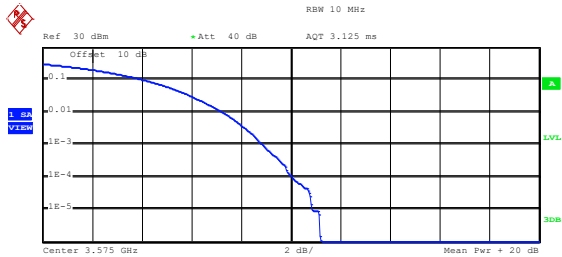
Complementary Cumulative Distribution Function (100000 samples)

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

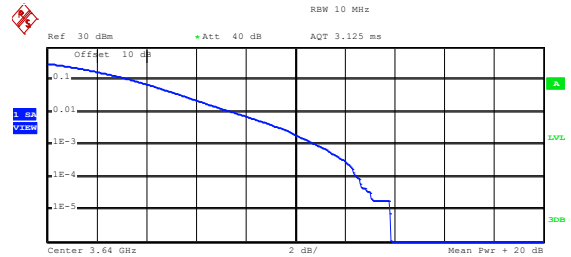


Complementary Cumulative Distribution Function (100000 samples)

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

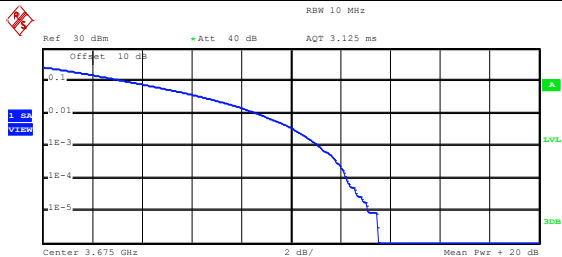


Complementary Cumulative Distribution Function (100000 samples)

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

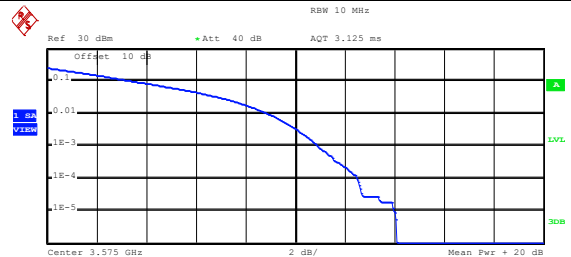


Complementary Cumulative Distribution Function (100000 samples)

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

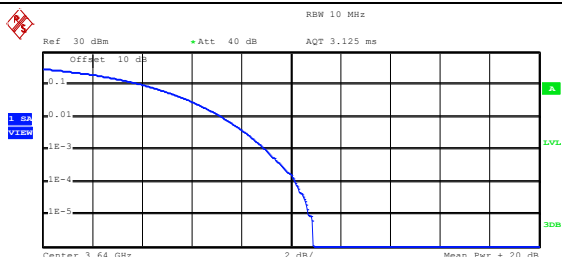


Complementary Cumulative Distribution Function (100000 samples)

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

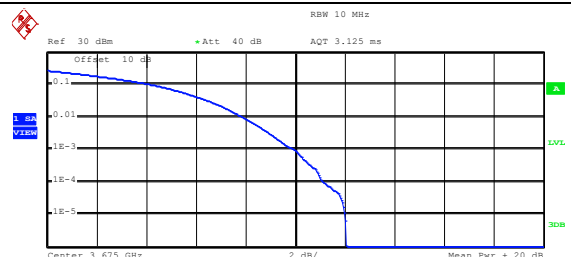


Complementary Cumulative Distribution Function (100000 samples)

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

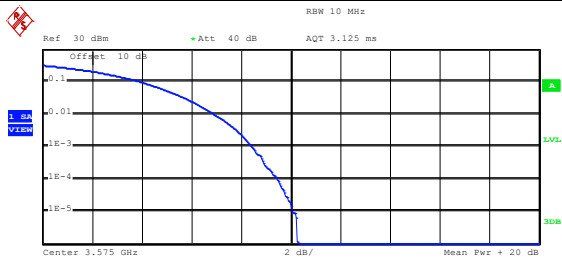


Complementary Cumulative Distribution Function (100000 samples)

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

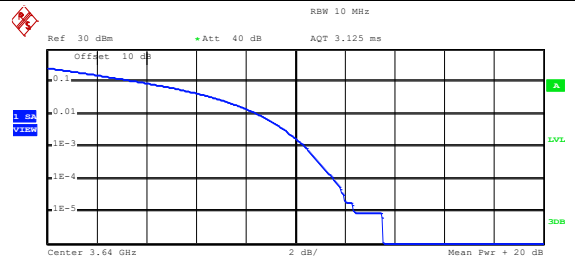


Complementary Cumulative Distribution Function (100000 samples)

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

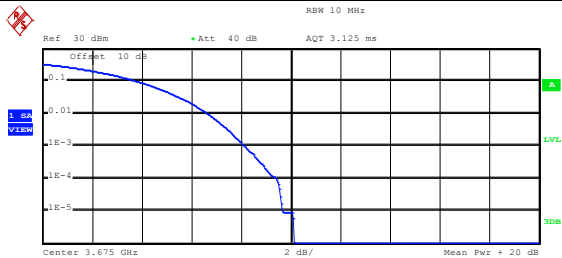


Complementary Cumulative Distribution Function (100000 samples)

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



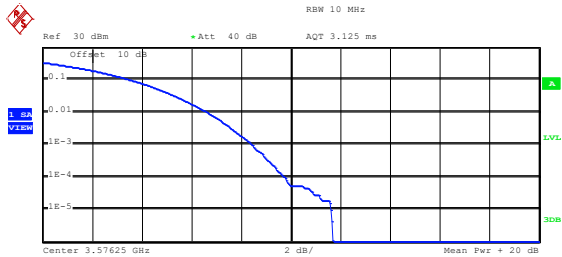
Complementary Cumulative Distribution Function (100000 samples)

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

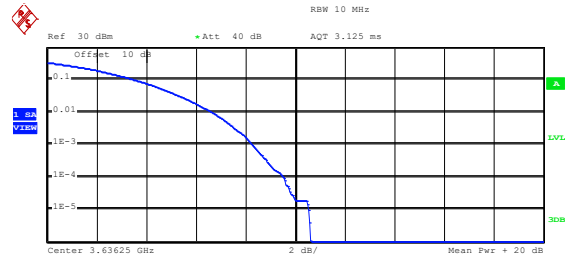
10 % 3.68 dB

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

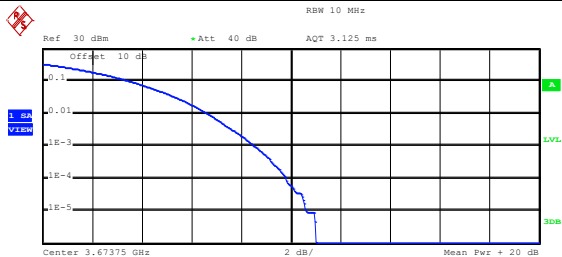
10 % 3.68 dB

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

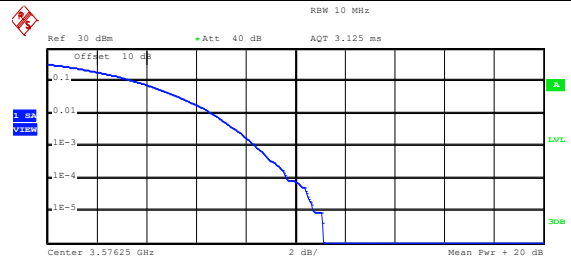
10 % 3.68 dB

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

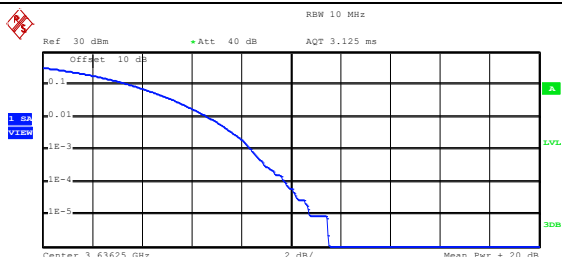
10 % 3.68 dB

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

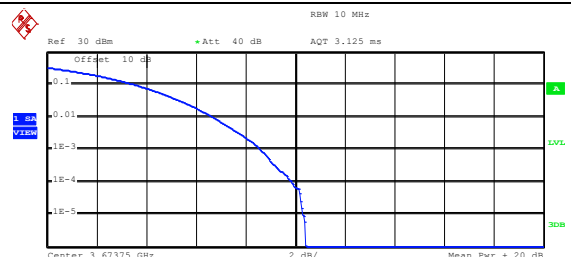
10 % 3.64 dB

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

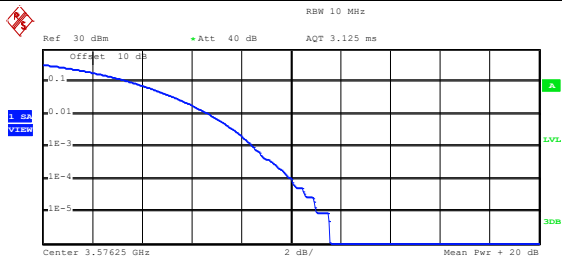
10 % 3.68 dB

1 % 6.72 dB

.1 % 8.60 dB

.01 % 9.88 dB

QPSK Low channel

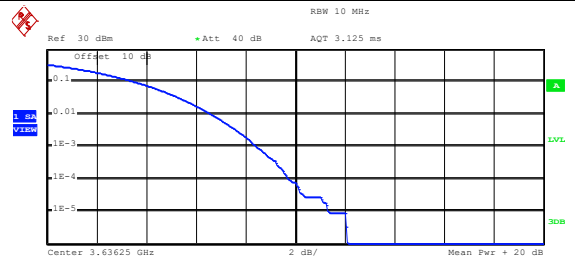


Complementary Cumulative Distribution Function (100000 samples)

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

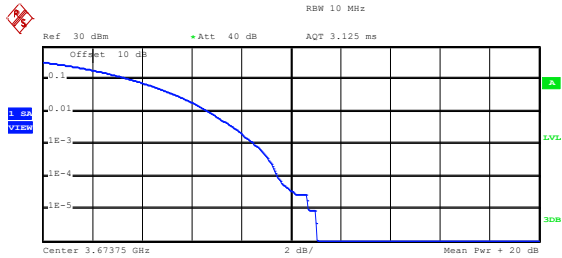


Complementary Cumulative Distribution Function (100000 samples)

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



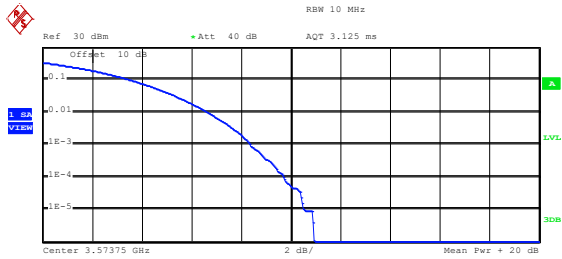
Complementary Cumulative Distribution Function (100000 samples)

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

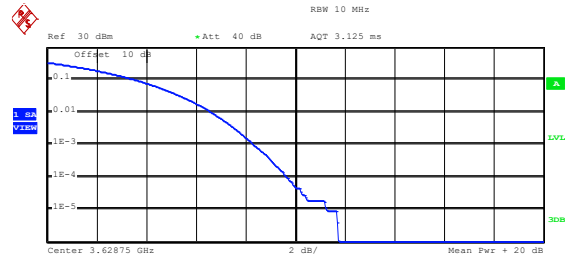
10 % 3.64 dB

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

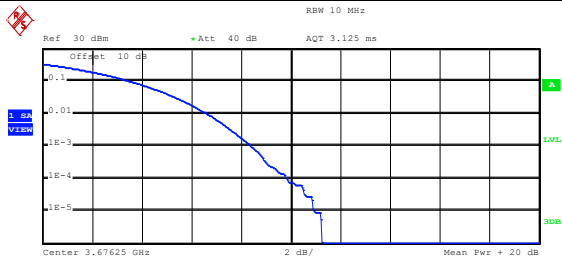
10 % 3.68 dB

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

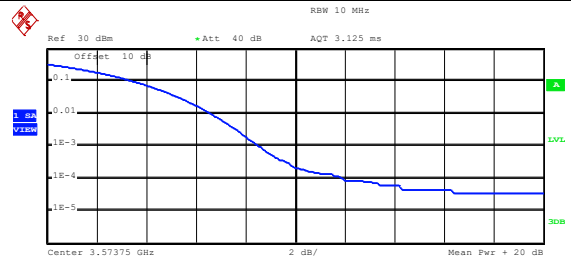
10 % 3.68 dB

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

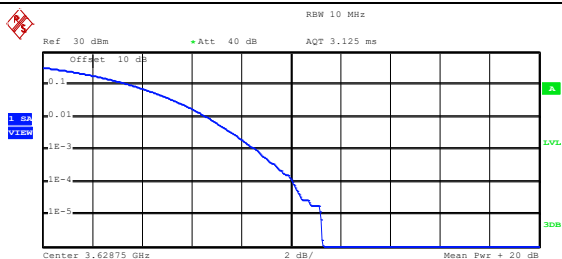
10 % 3.64 dB

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

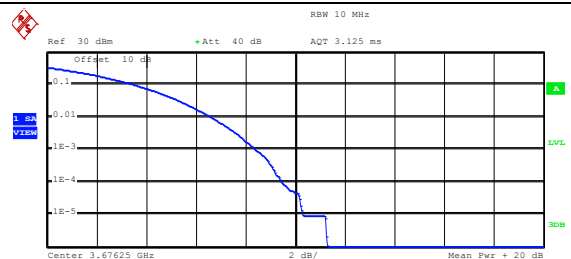
10 % 3.64 dB

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

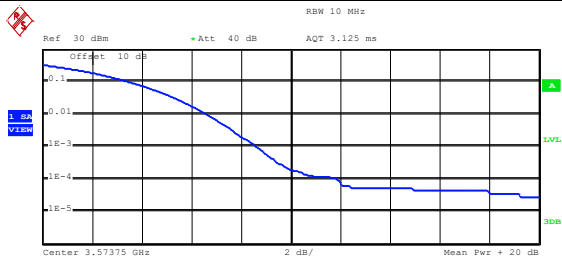
10 % 3.64 dB

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

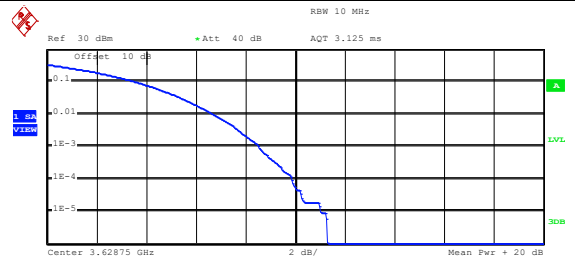
10 % 3.64 dB

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

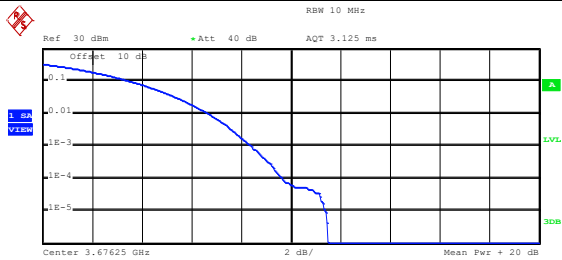
10 % 3.68 dB

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

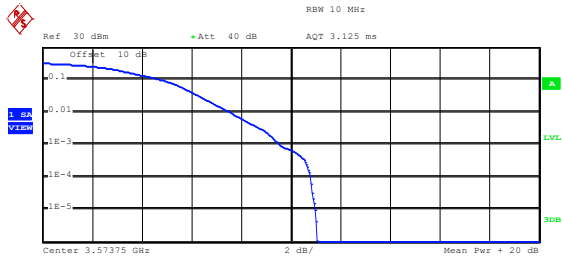
1 % 6.72 dB

.1 % 8.44 dB

.01 % 9.68 dB

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

16QAM Low channel

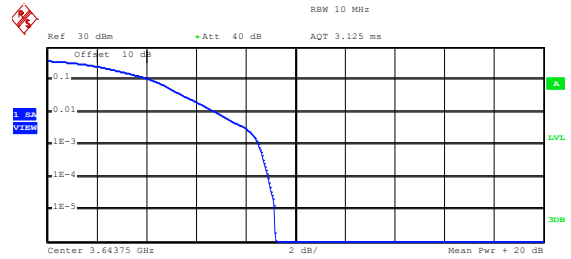


Complementary Cumulative Distribution Function (100000 samples)

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

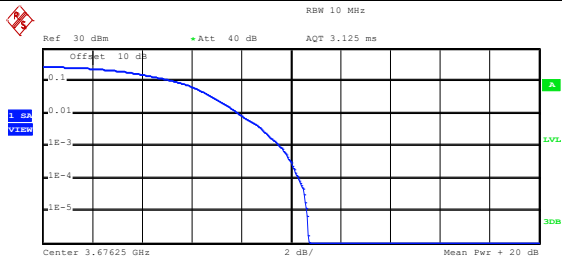


Complementary Cumulative Distribution Function (100000 samples)

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

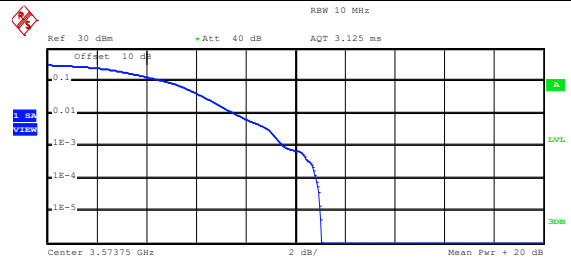


Complementary Cumulative Distribution Function (100000 samples)

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

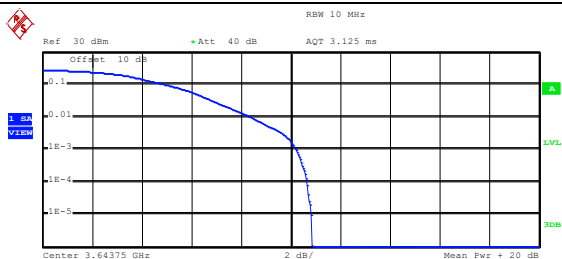


Complementary Cumulative Distribution Function (100000 samples)

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

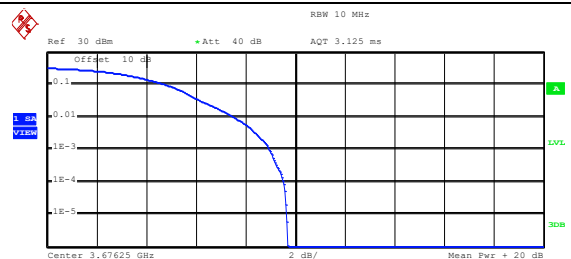


Complementary Cumulative Distribution Function (100000 samples)

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

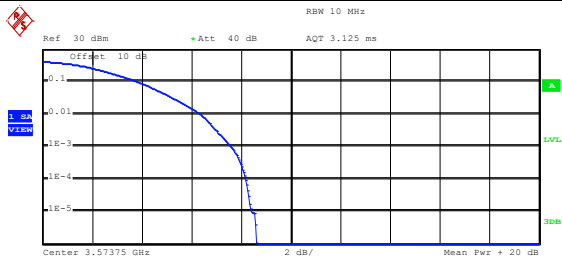


Complementary Cumulative Distribution Function (100000 samples)

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

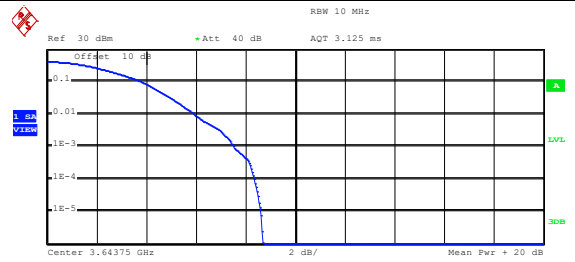


Complementary Cumulative Distribution Function (100000 samples)

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

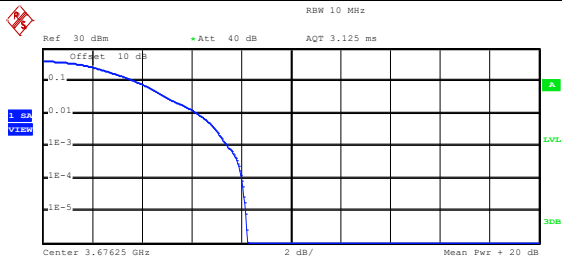


Complementary Cumulative Distribution Function (100000 samples)

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



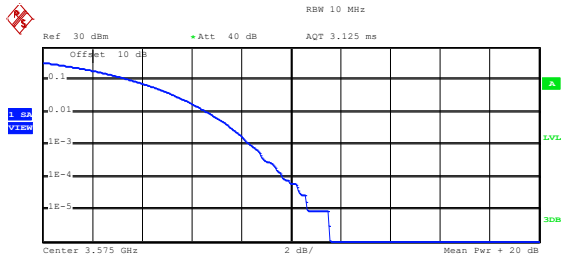
Complementary Cumulative Distribution Function (100000 samples)

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

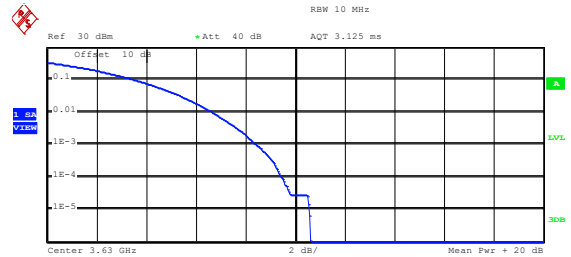
10 % 3.68 dB

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

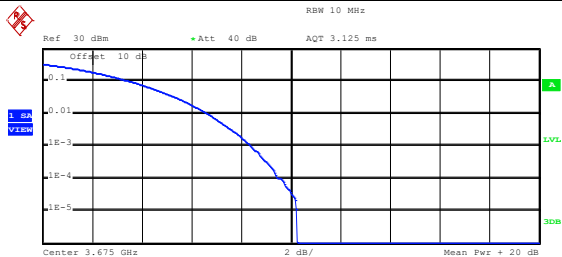
10 % 3.64 dB

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

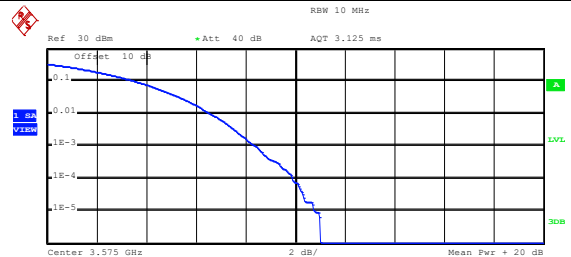
10 % 3.64 dB

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

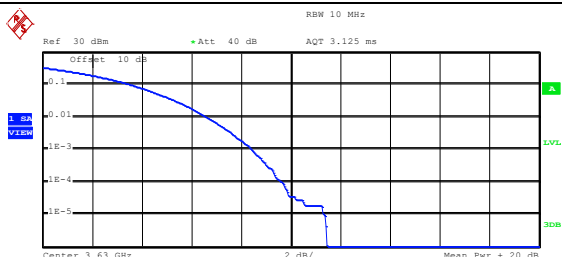
10 % 3.68 dB

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

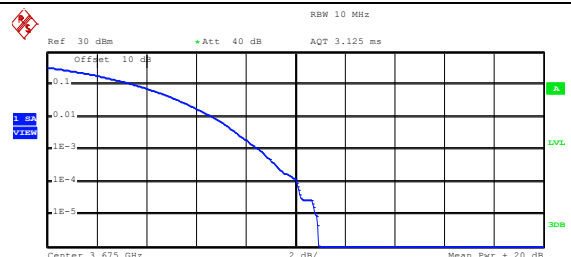
10 % 3.68 dB

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

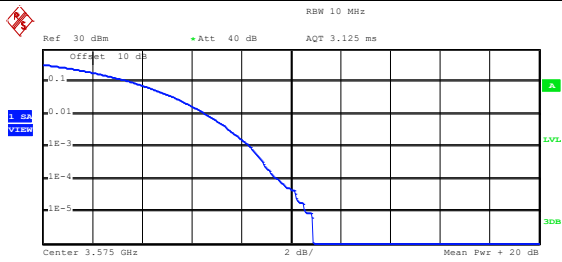
10 % 3.64 dB

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

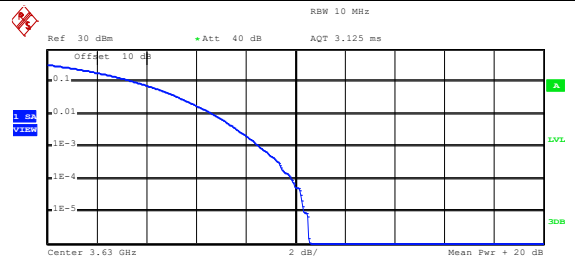
10 % 3.68 dB

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

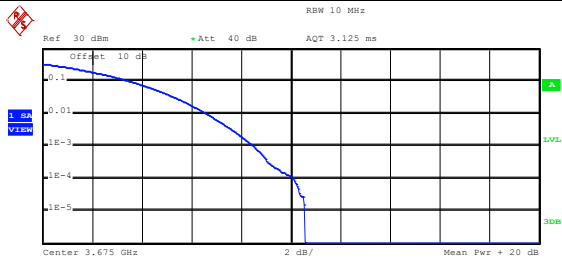
10 % 3.68 dB

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

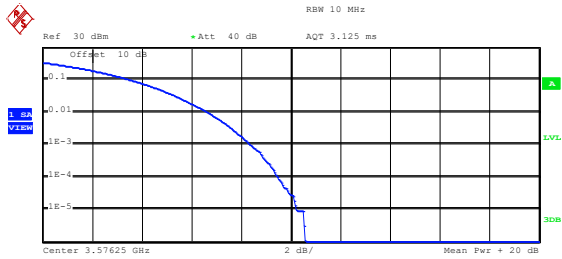
1 % 6.64 dB

.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

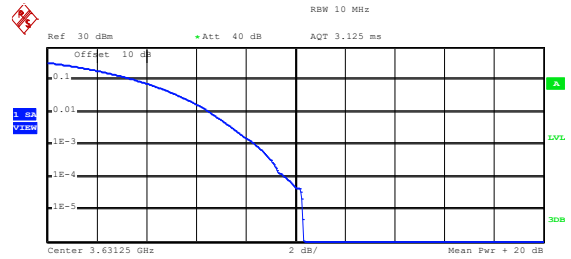
10 % 3.68 dB

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

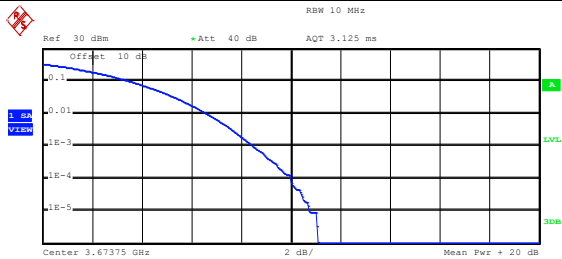
10 % 3.68 dB

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

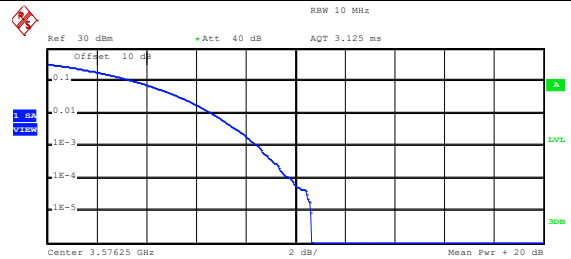
10 % 3.64 dB

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

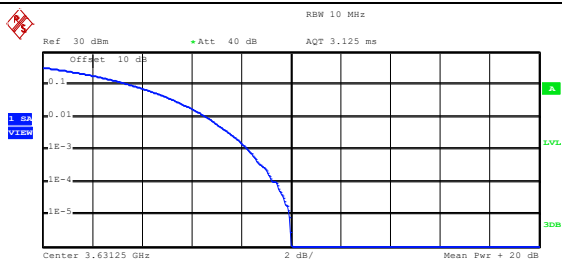
10 % 3.68 dB

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

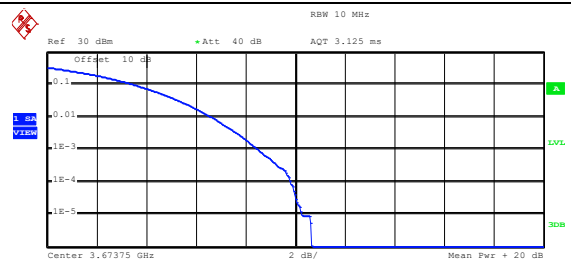
10 % 3.68 dB

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

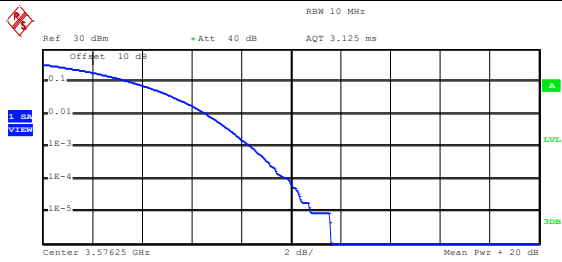
10 % 3.64 dB

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

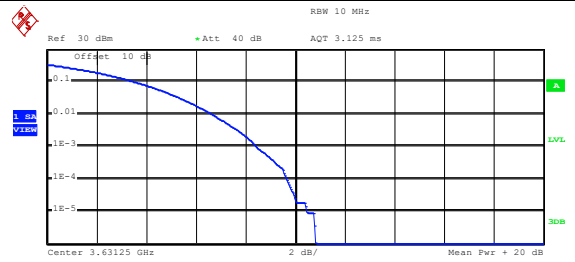
10 % 3.68 dB

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

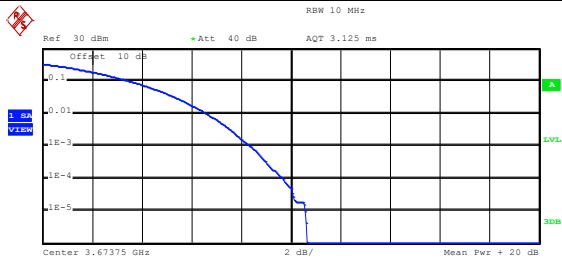
10 % 3.68 dB

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

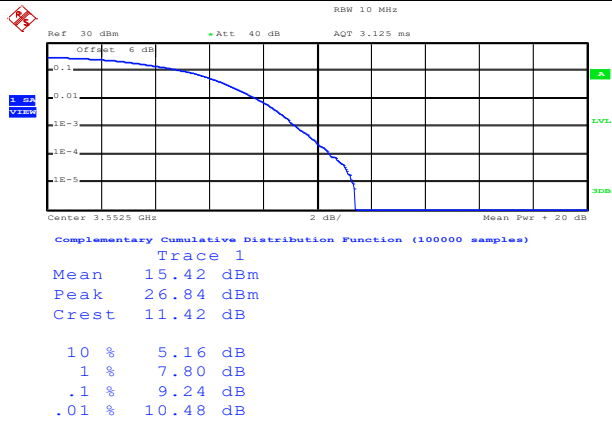
LTE TDD Band 48, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.24	13	Pass
	M	Full	0	10.16	13	Pass
	H	Full	0	9.40	13	Pass
64QAM	L	Full	0	9.24	13	Pass
	M	Full	0	8.68	13	Pass
	H	Full	0	8.60	13	Pass
QPSK	L	Full	0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

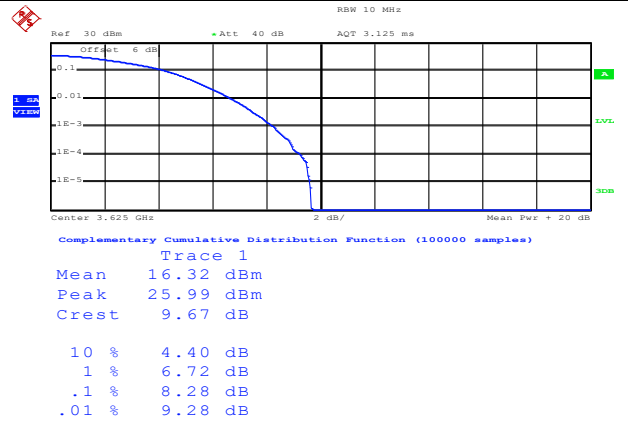
LTE TDD Band 48, Nominal Bandwidth: 20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	9.76	13	Pass
	M	Full	0	8.80	13	Pass
	H	Full	0	11.88	13	Pass
64QAM	L	Full	0	9.76	13	Pass
	M	Full	0	9.84	13	Pass
	H	Full	0	10.84	13	Pass
QPSK	L	Full	0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

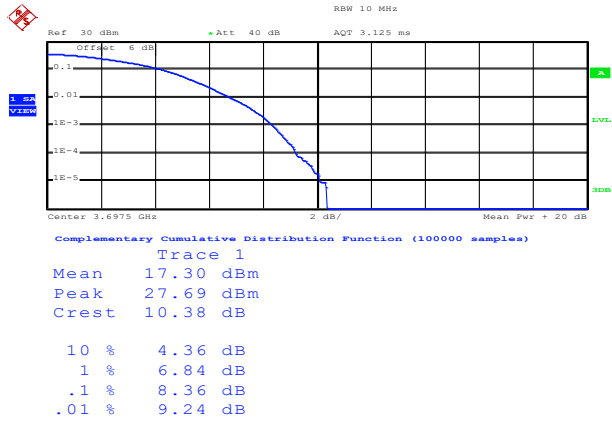
16QAM Low channel



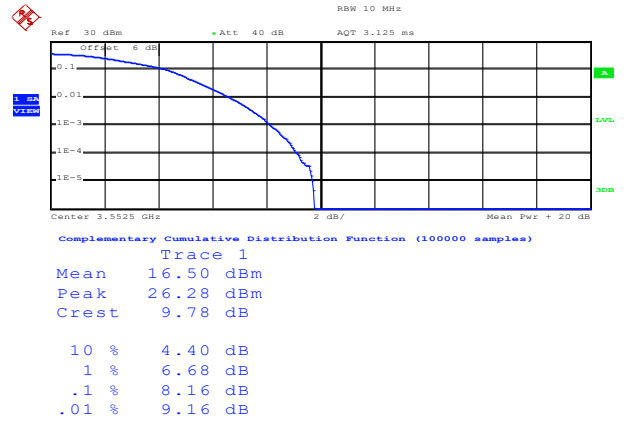
16QAM Middle channel



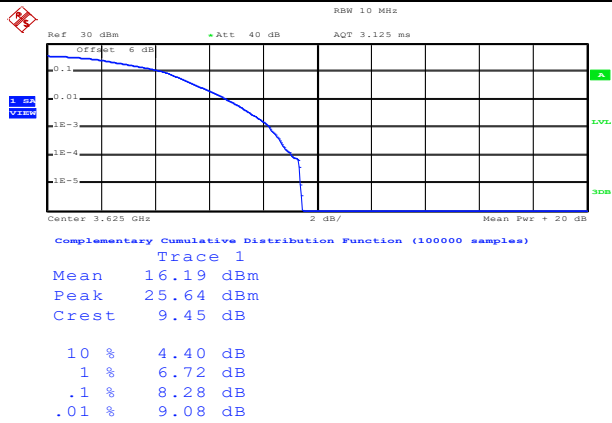
16QAM High channel



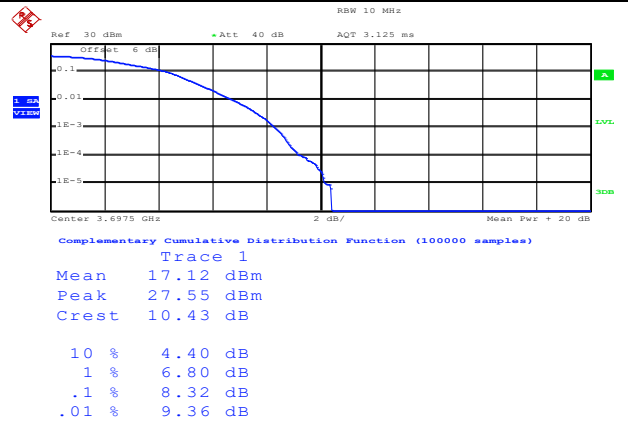
64QAM Low channel



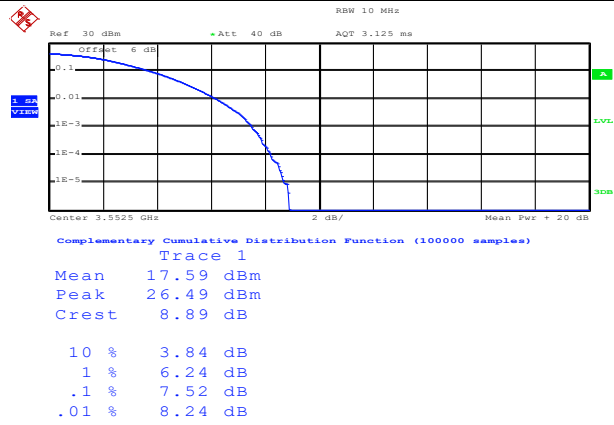
64QAM Middle channel



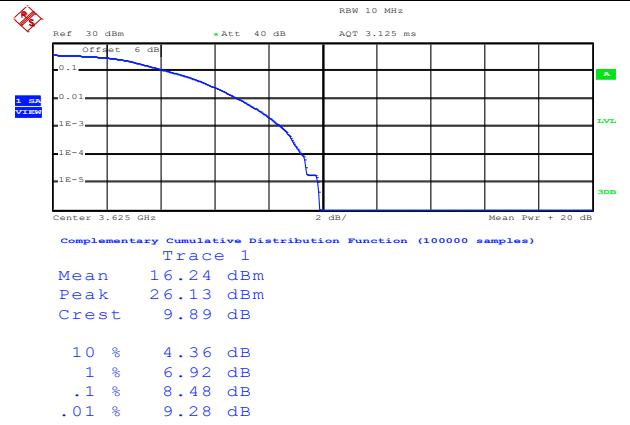
64QAM High channel



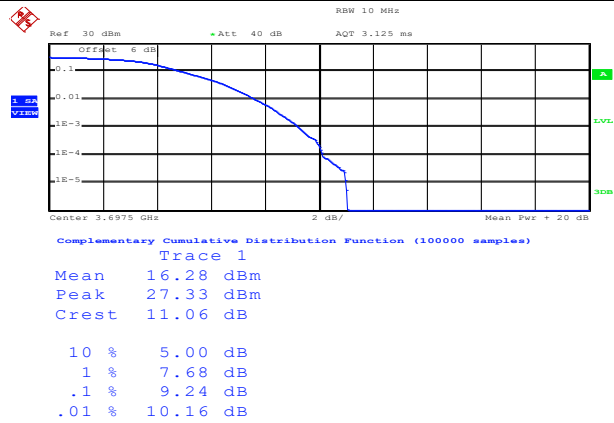
QPSK Low channel



QPSK Middle channel

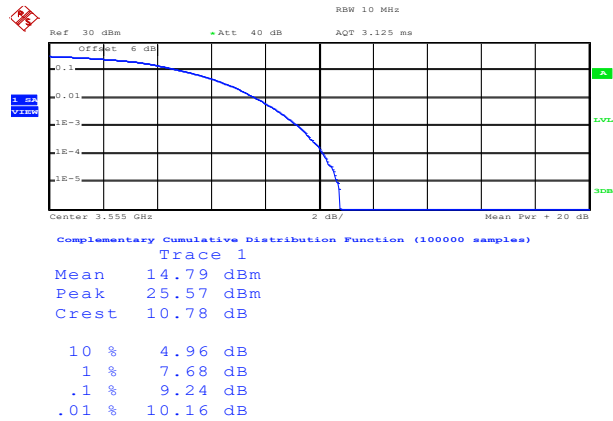


QPSK High channel

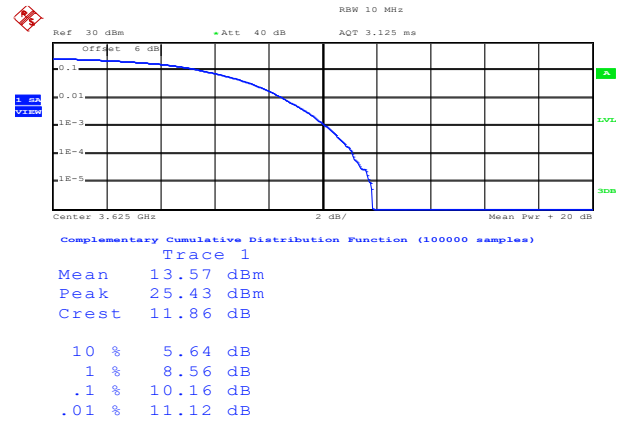


LTE TDD Band 48, Nominal Bandwidth: 10MHz

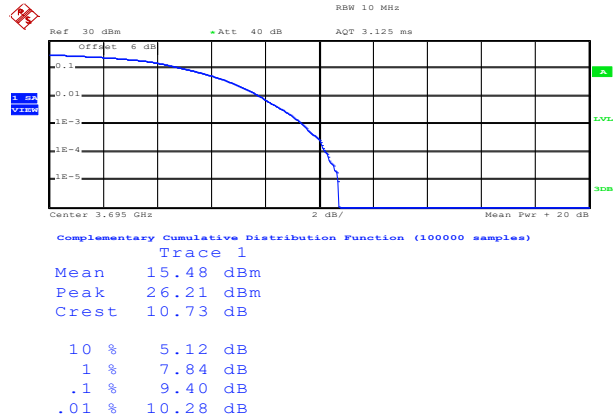
16QAM Low channel



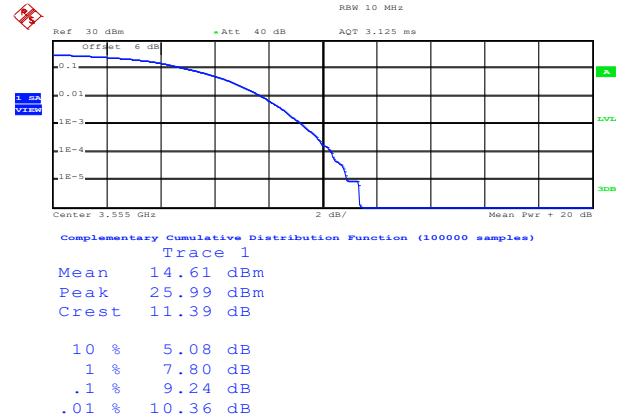
16QAM Middle channel



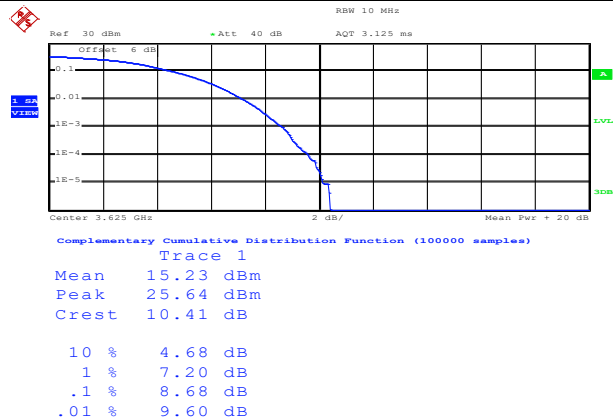
16QAM High channel



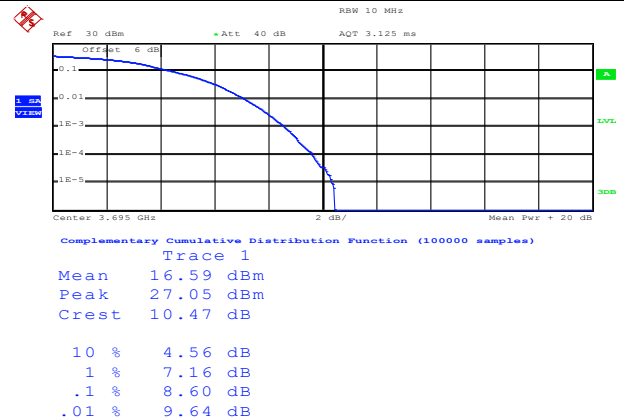
64QAM Low channel



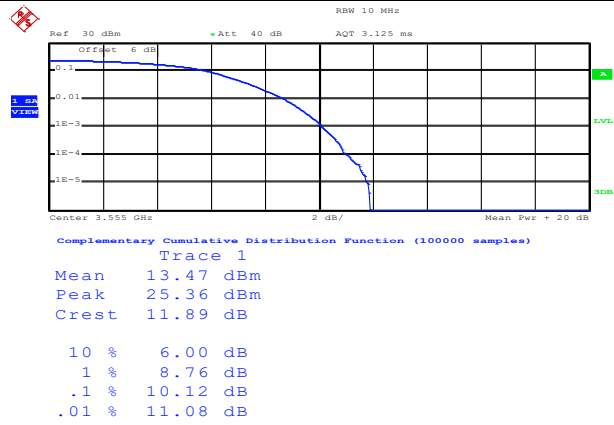
64QAM Middle channel



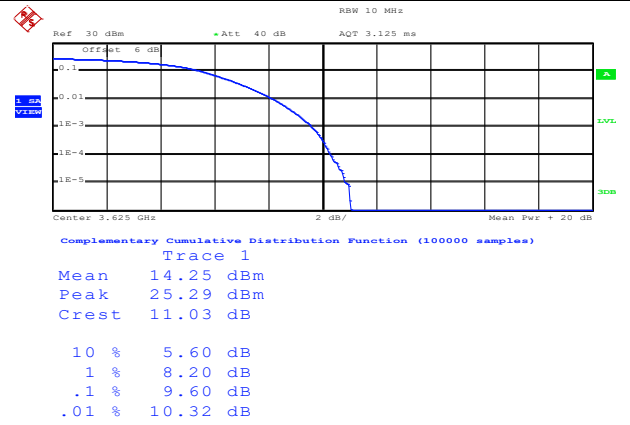
64QAM High channel



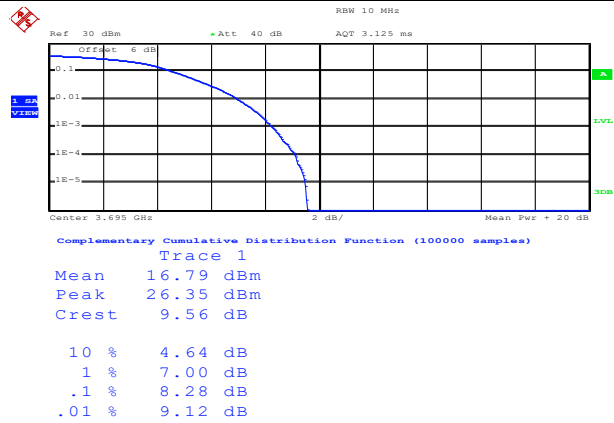
QPSK Low channel



QPSK Middle channel

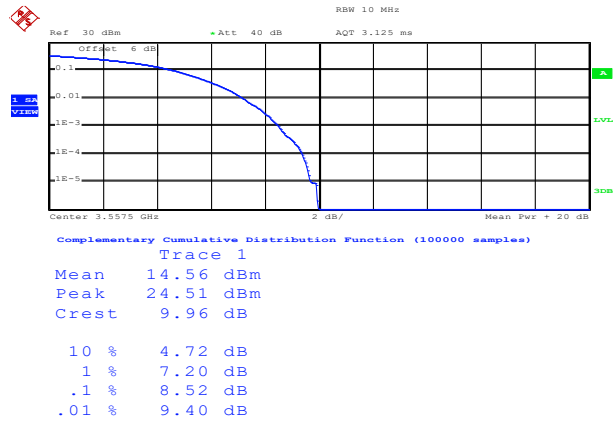


QPSK High channel

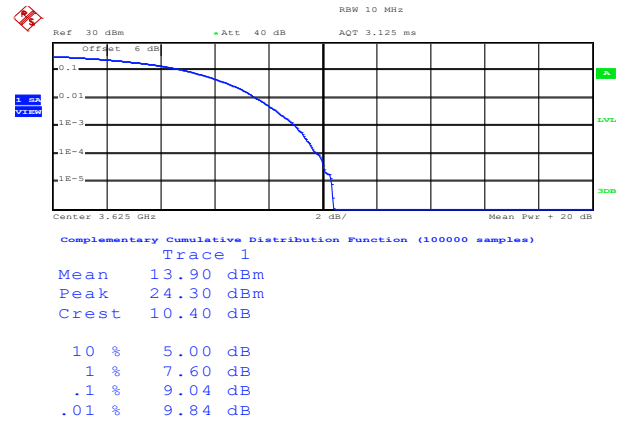


LTE TDD Band 48, Nominal Bandwidth: 15MHz

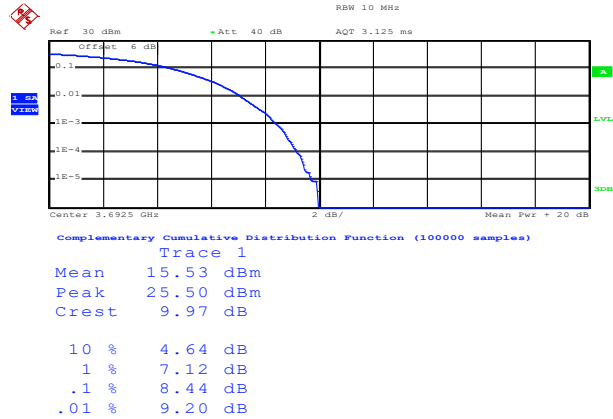
16QAM Low channel



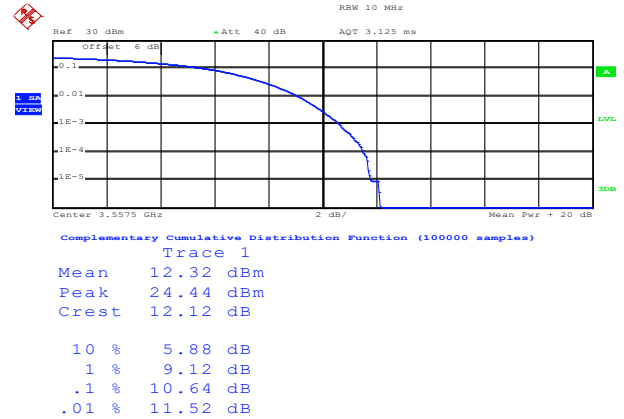
16QAM Middle channel



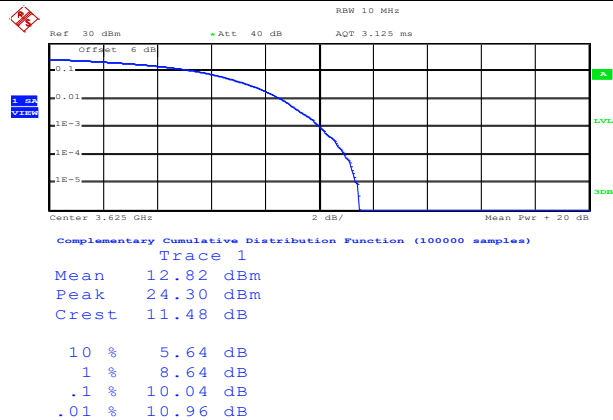
16QAM High channel



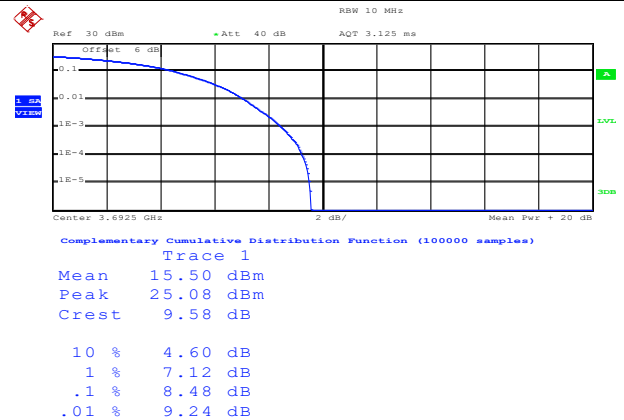
64QAM Low channel



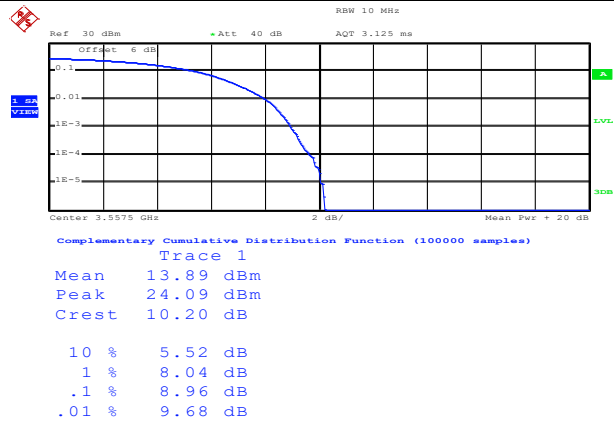
64QAM Middle channel



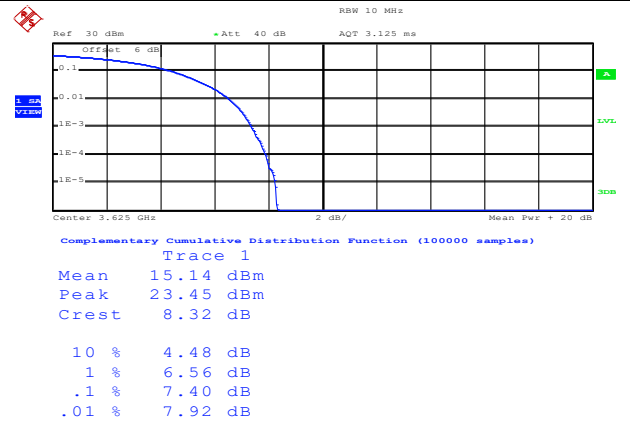
64QAM High channel



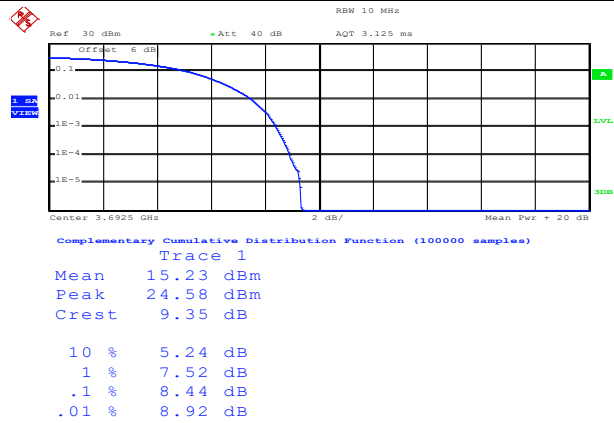
QPSK Low channel



QPSK Middle channel

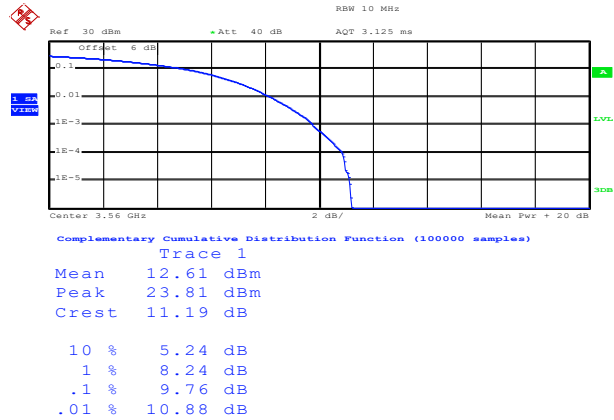


QPSK High channel

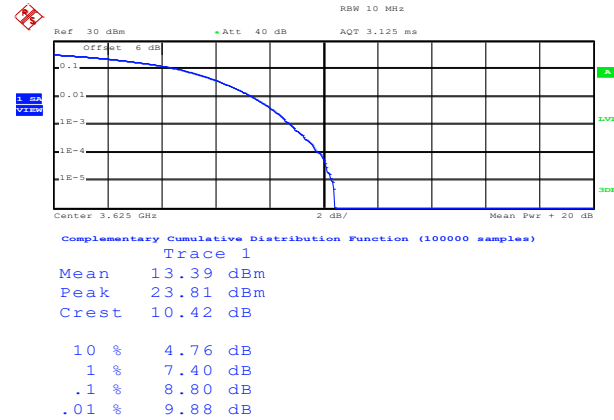


LTE TDD Band 48, Nominal Bandwidth: 20MHz

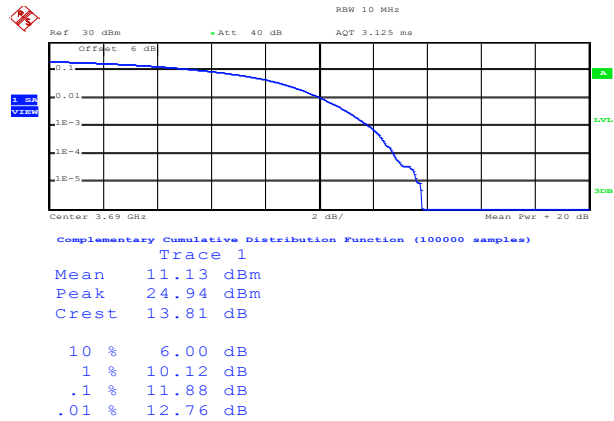
16QAM Low channel



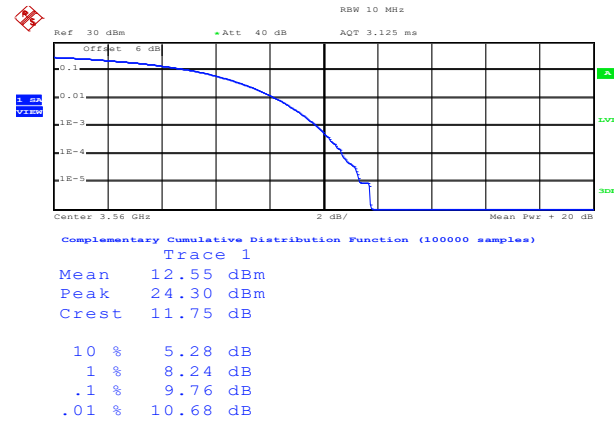
16QAM Middle channel



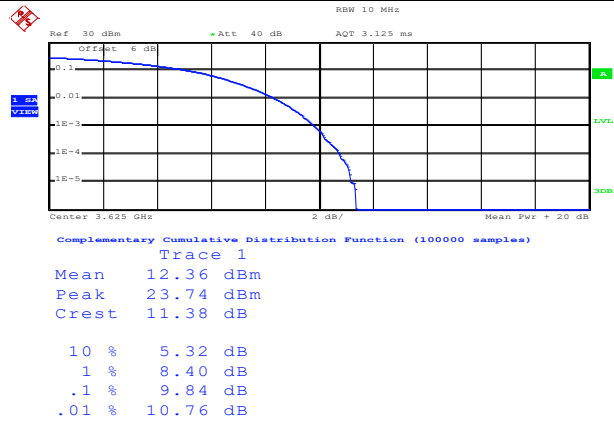
16QAM High channel



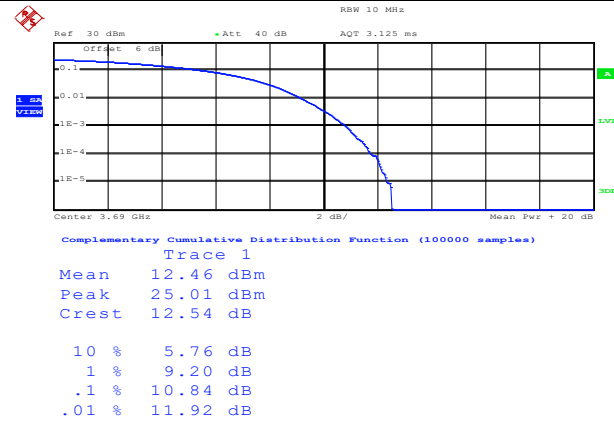
64QAM Low channel



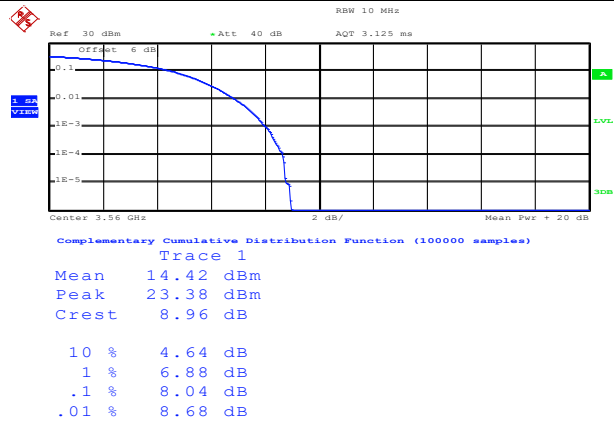
64QAM Middle channel



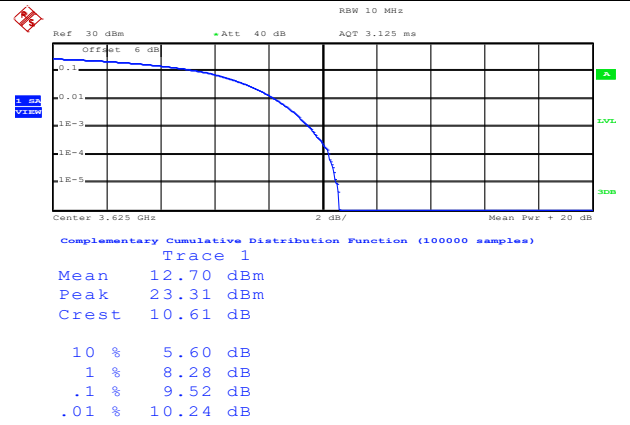
64QAM High channel



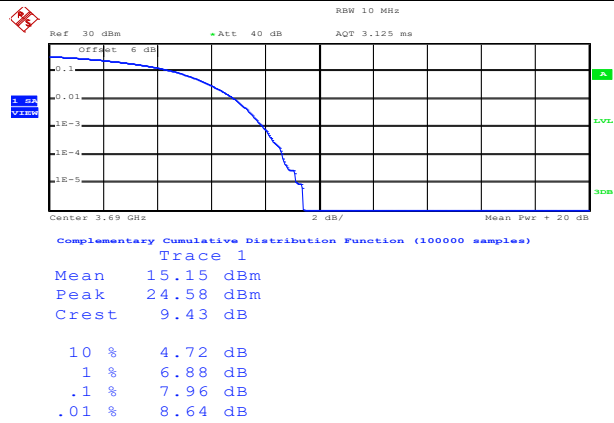
QPSK Low channel



QPSK Middle channel



QPSK High channel



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

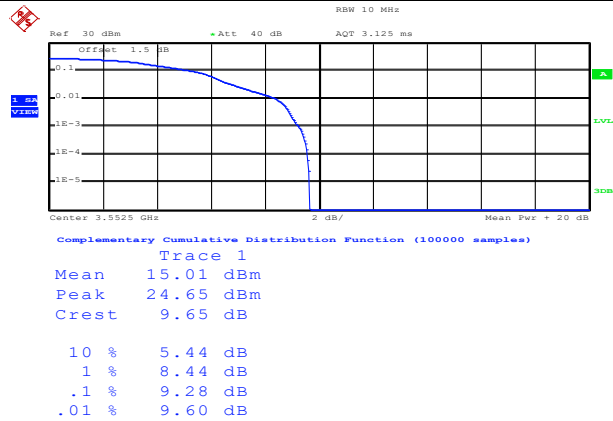
LTE TDD Band 48, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	10.60	13	Pass
	M	Full	0	8.80	13	Pass
	H	Full	0	12.04	13	Pass
64QAM	L	Full	0	8.68	13	Pass
	M	Full	0	10.72	13	Pass
	H	Full	0	8.08	13	Pass
QPSK	L	Full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

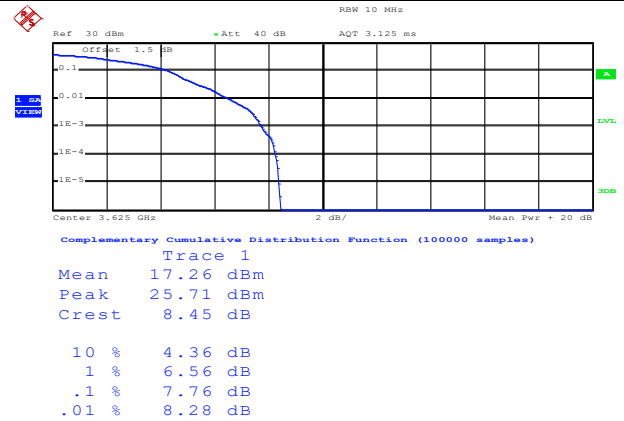
LTE TDD Band 48, Nominal Bandwidth: 20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
16QAM	L	Full	0	10.16	13	Pass
	M	Full	0	9.04	13	Pass
	H	Full	0	11.36	13	Pass
64QAM	L	Full	0	11.16	13	Pass
	M	Full	0	8.72	13	Pass
	H	Full	0	11.76	13	Pass
QPSK	L	Full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

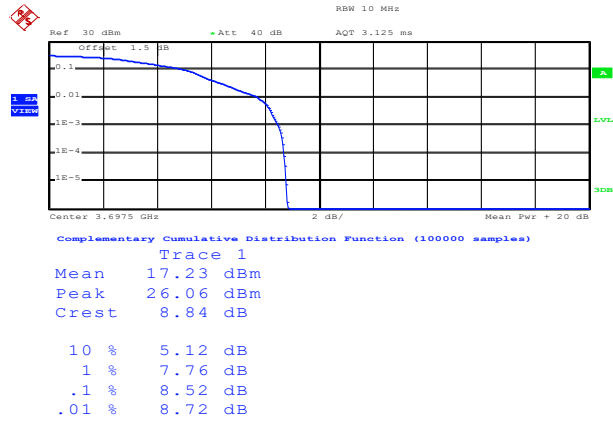
16QAM Low channel



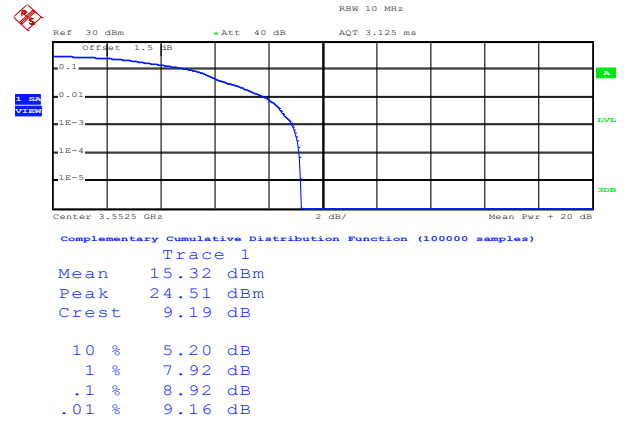
16QAM Middle channel



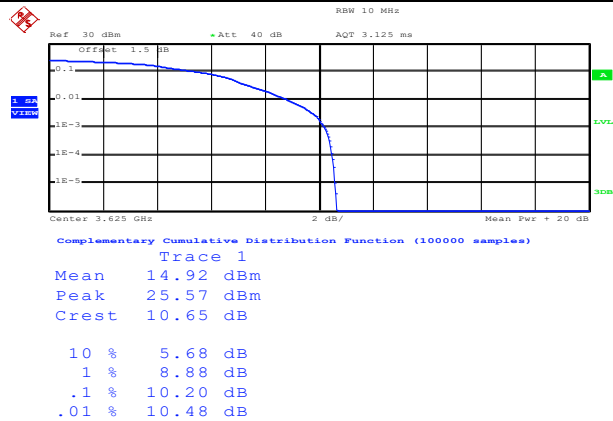
16QAM High channel



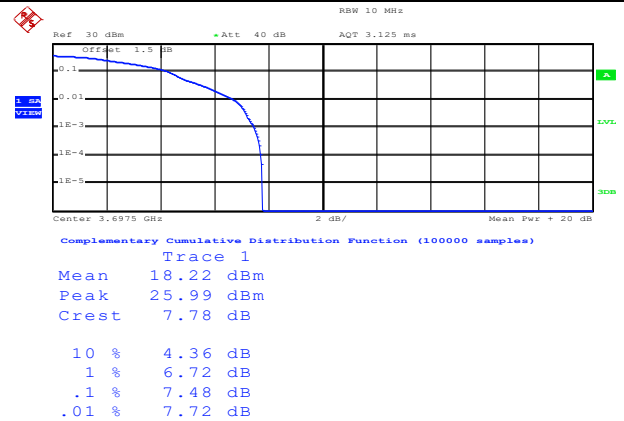
64QAM Low channel



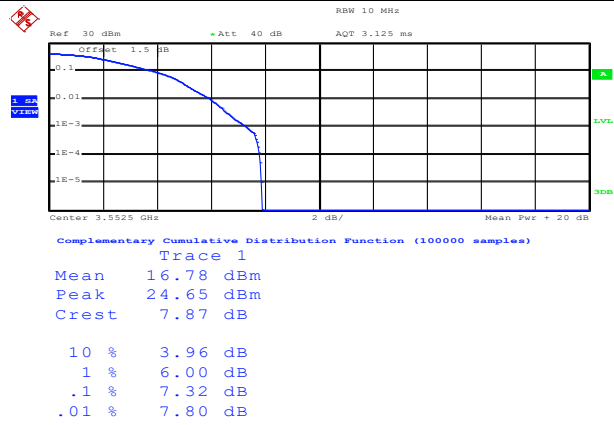
64QAM Middle channel



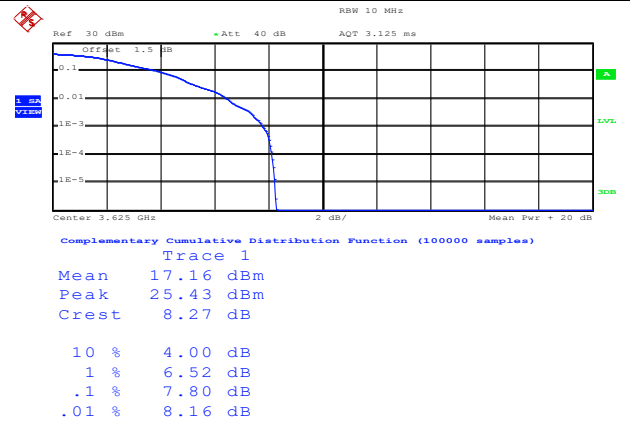
64QAM High channel



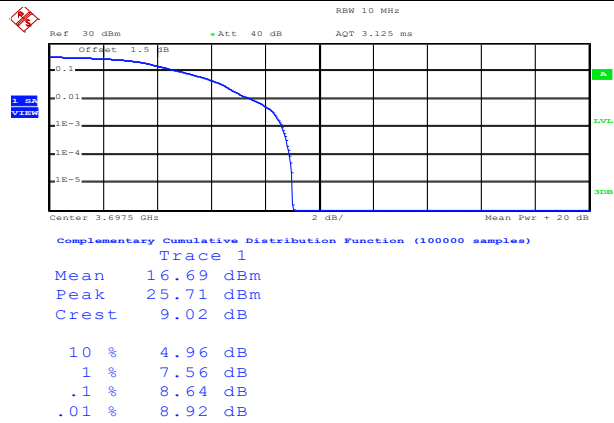
QPSK Low channel



QPSK Middle channel

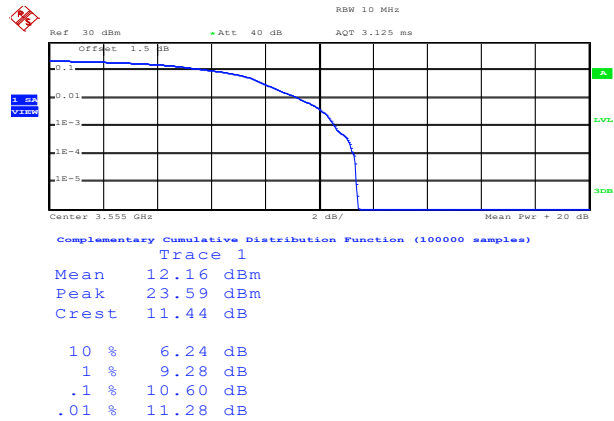


QPSK High channel

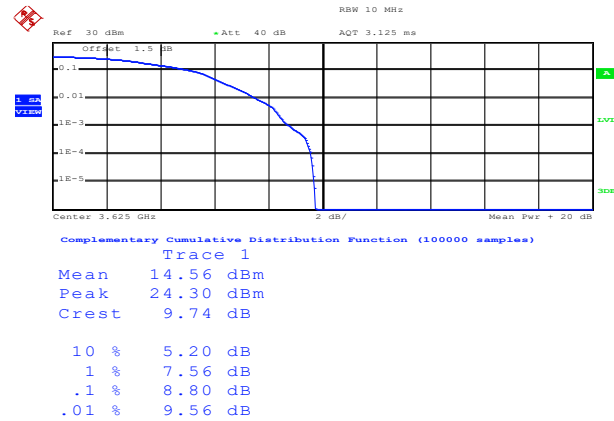


LTE TDD Band 48, Nominal Bandwidth: 10MHz

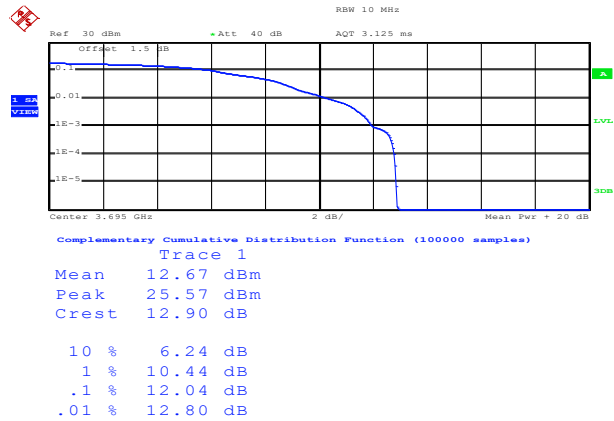
16QAM Low channel



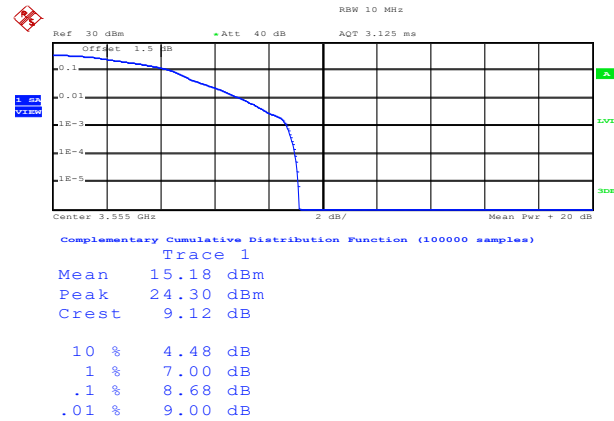
16QAM Middle channel



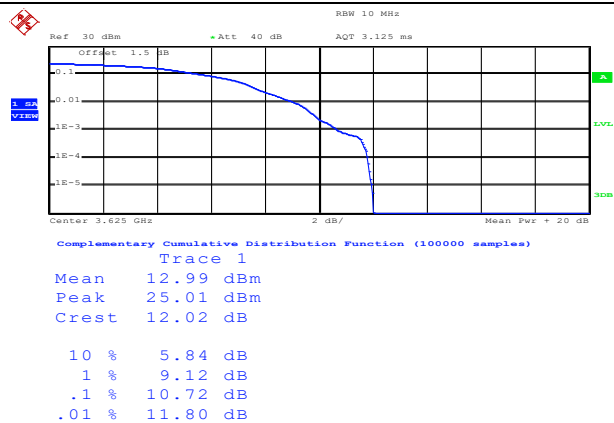
16QAM High channel



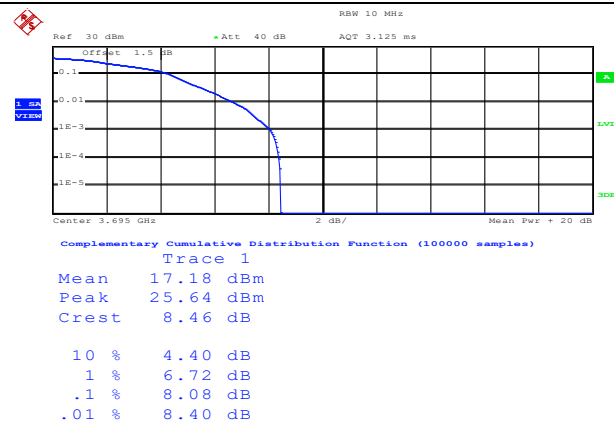
64QAM Low channel



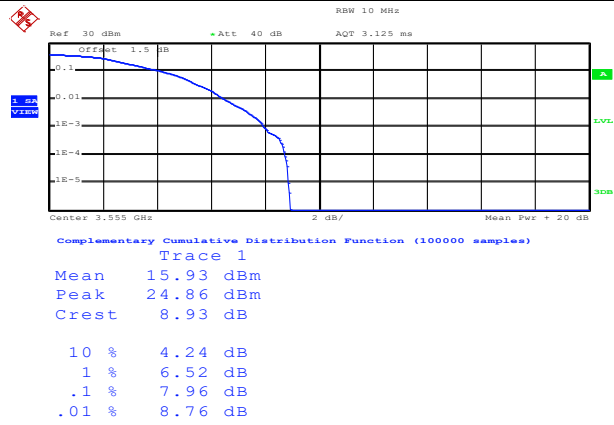
64QAM Middle channel



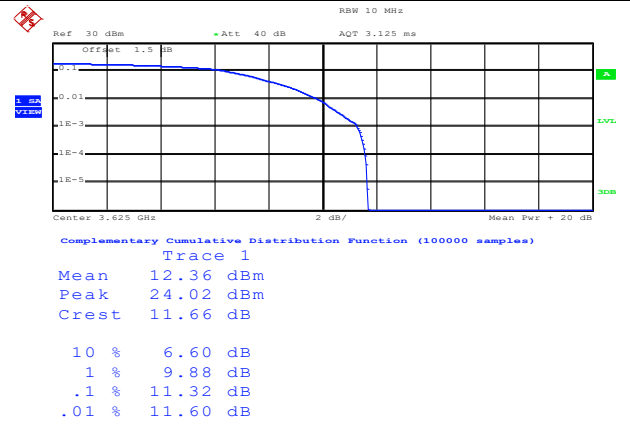
64QAM High channel



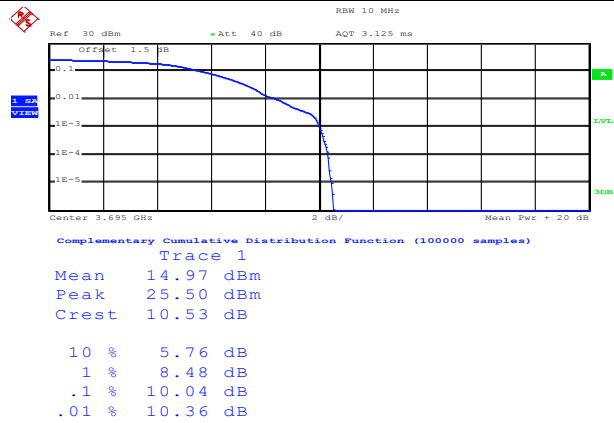
QPSK Low channel



QPSK Middle channel

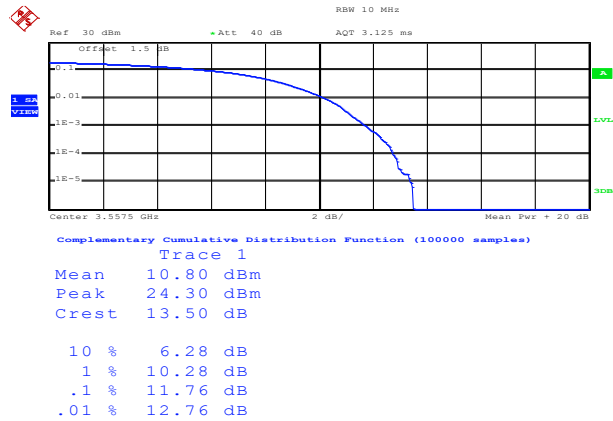


QPSK High channel

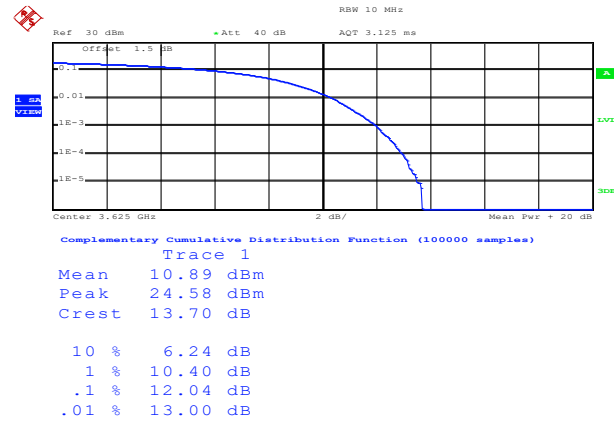


LTE TDD Band 48, Nominal Bandwidth: 15MHz

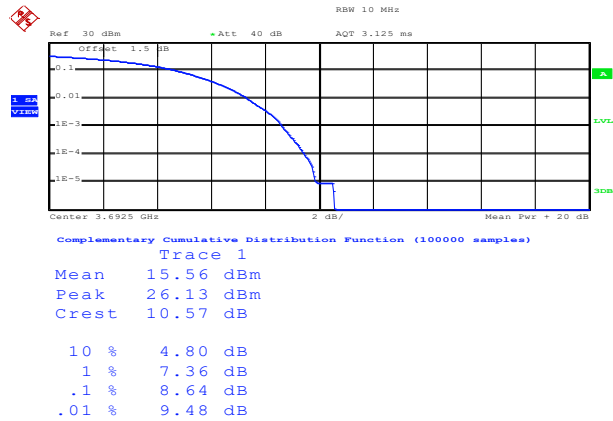
16QAM Low channel



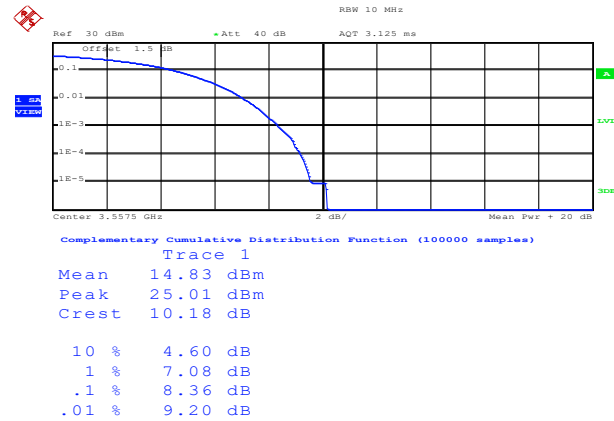
16QAM Middle channel



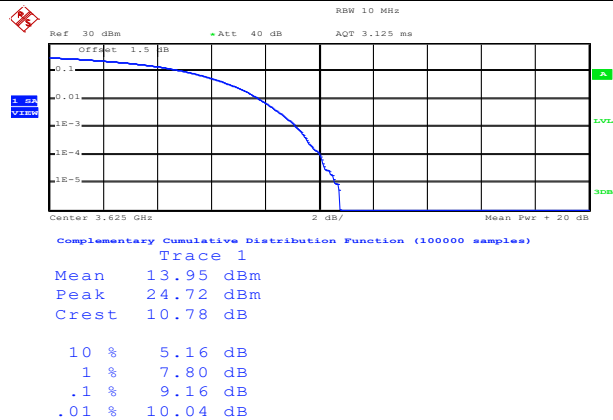
16QAM High channel



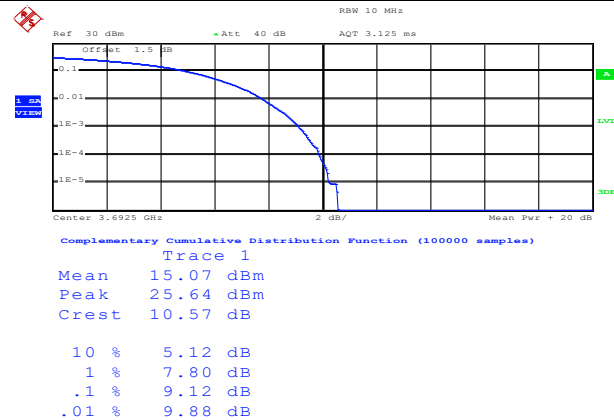
64QAM Low channel



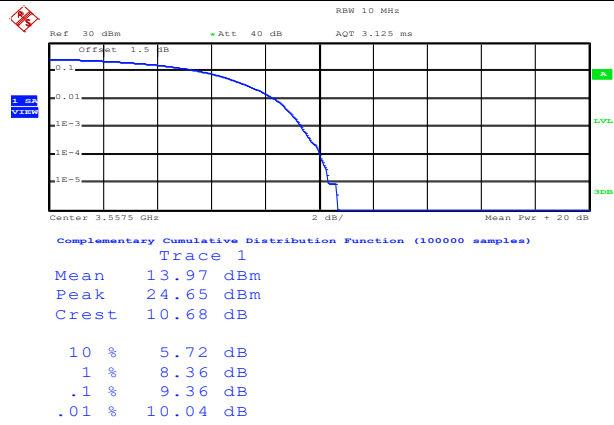
64QAM Middle channel



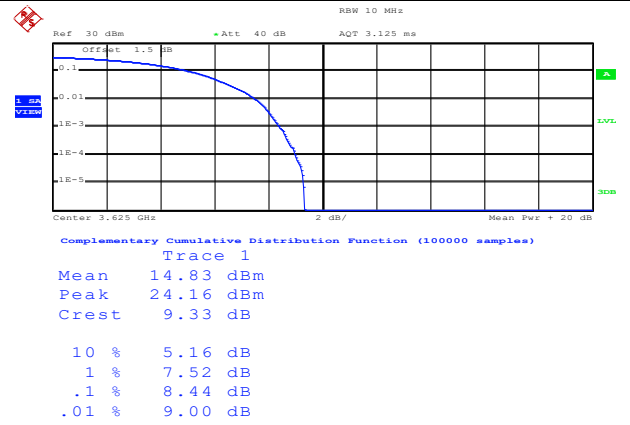
64QAM High channel



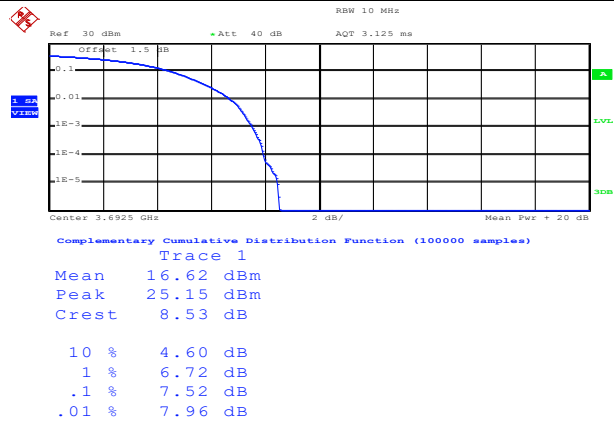
QPSK Low channel



QPSK Middle channel

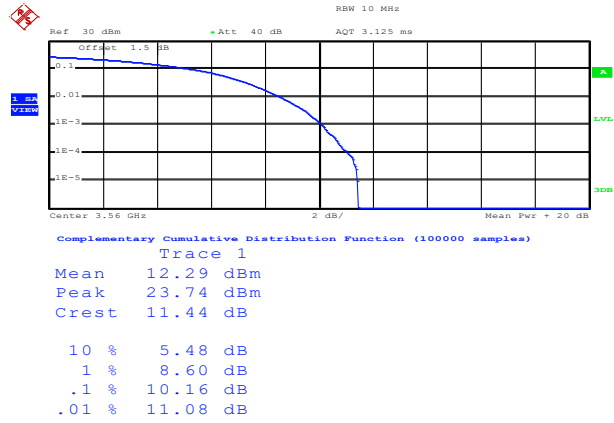


QPSK High channel

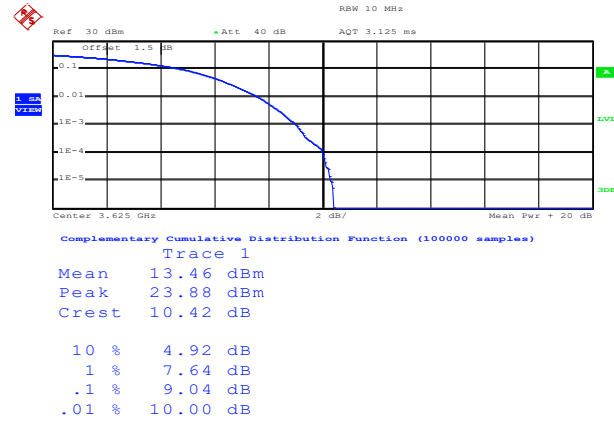


LTE TDD Band 48, Nominal Bandwidth: 20MHz

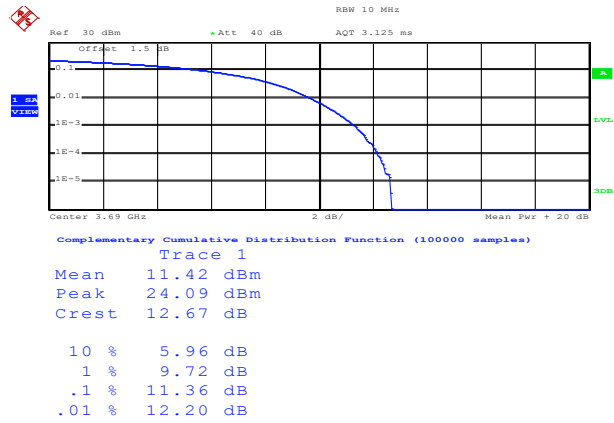
16QAM Low channel



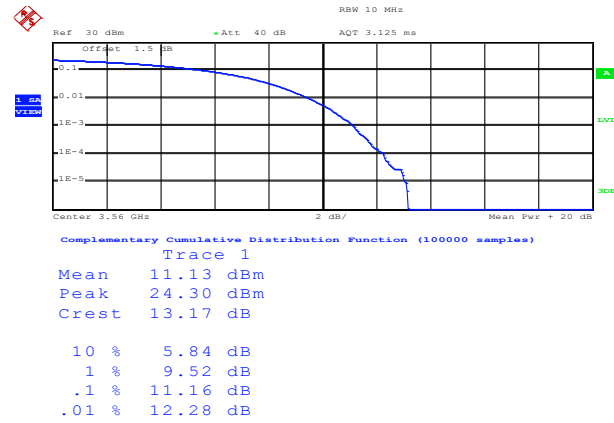
16QAM Middle channel



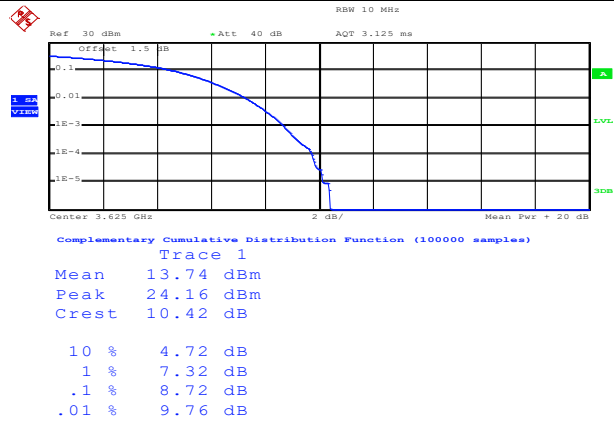
16QAM High channel



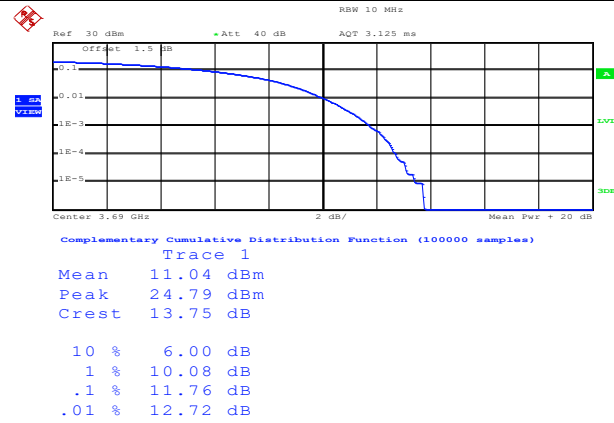
64QAM Low channel



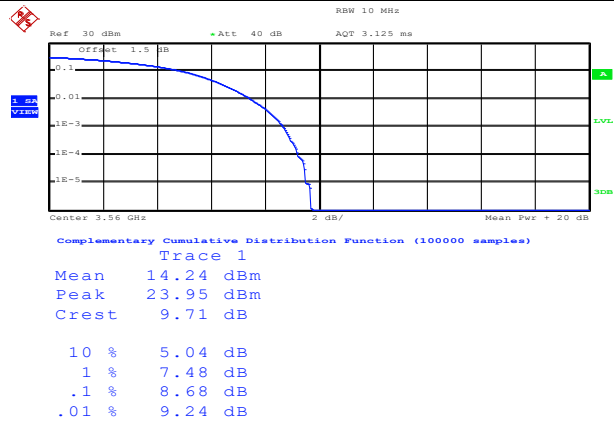
64QAM Middle channel



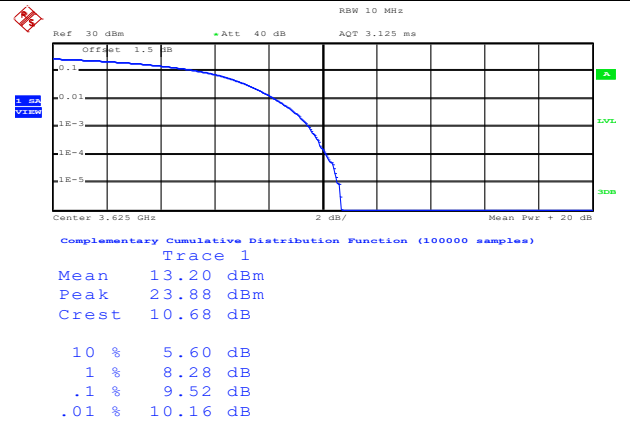
64QAM High channel



QPSK Low channel



QPSK Middle channel



QPSK High channel

