

LTE FDD Band 5, Nominal Bandwidth: 1.4MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.96	13	Pass
		1	3	3.88	13	Pass
		1	5	4	13	Pass
		3	0	4.28	13	Pass
		3	1	4.08	13	Pass
		3	3	4.32	13	Pass
		6	0	5.44	13	Pass
	MCH	1	0	3.6	13	Pass
		1	3	3.52	13	Pass
		1	5	3.6	13	Pass
		3	0	3.8	13	Pass
		3	1	3.68	13	Pass
		3	3	3.8	13	Pass
		6	0	4.84	13	Pass
	HCH	1	0	3.6	13	Pass
		1	3	3.48	13	Pass
		1	5	3.6	13	Pass
		3	0	3.8	13	Pass
		3	1	3.68	13	Pass
		3	3	3.84	13	Pass
		6	0	4.84	13	Pass
16QAM	LCH	1	0	4.68	13	Pass
		1	3	4.52	13	Pass
		1	5	4.6	13	Pass
		3	0	5.16	13	Pass
		3	1	5.04	13	Pass
		3	3	5.44	13	Pass
		6	0	6.08	13	Pass
	MCH	1	0	4.48	13	Pass
		1	3	4.12	13	Pass
		1	5	4.44	13	Pass
		3	0	4.68	13	Pass
		3	1	4.56	13	Pass
		3	3	4.68	13	Pass
		6	0	5.52	13	Pass
	HCH	1	0	4.36	13	Pass
		1	3	4.16	13	Pass
		1	5	4.44	13	Pass
		3	0	4.76	13	Pass
		3	1	4.6	13	Pass
		3	3	4.68	13	Pass
		6	0	5.6	13	Pass

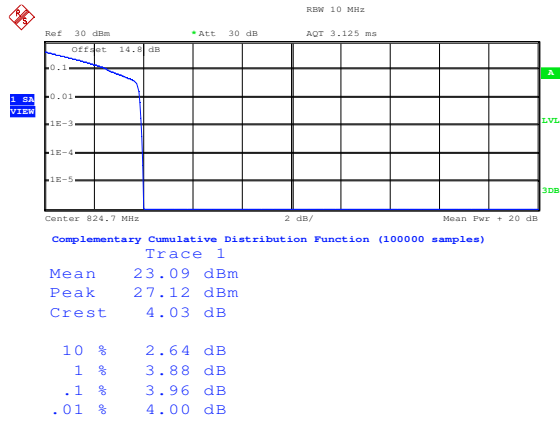
LTE FDD Band 5, Nominal Bandwidth: 3.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.04	13	Pass
		1	8	3.84	13	Pass
		1	14	4.04	13	Pass
		8	0	4.96	13	Pass
		8	4	4.84	13	Pass
		8	7	4.96	13	Pass
		15	0	5.44	13	Pass
	MCH	1	0	3.68	13	Pass
		1	8	3.44	13	Pass
		1	14	3.64	13	Pass
		8	0	4.52	13	Pass
		8	4	4.32	13	Pass
		8	7	4.44	13	Pass
		15	0	4.88	13	Pass
	HCH	1	0	3.76	13	Pass
		1	8	3.48	13	Pass
		1	14	3.6	13	Pass
		8	0	4.64	13	Pass
		8	4	4.44	13	Pass
		8	7	4.52	13	Pass
		15	0	5	13	Pass
16QAM	LCH	1	0	4.88	13	Pass
		1	8	4.6	13	Pass
		1	14	4.8	13	Pass
		8	0	5.68	13	Pass
		8	4	5.64	13	Pass
		8	7	5.76	13	Pass
		15	0	6.24	13	Pass
	MCH	1	0	4.6	13	Pass
		1	8	4.2	13	Pass
		1	14	4.52	13	Pass
		8	0	5.4	13	Pass
		8	4	5.16	13	Pass
		8	7	5.24	13	Pass
		15	0	5.72	13	Pass
	HCH	1	0	4.44	13	Pass
		1	8	4.44	13	Pass
		1	14	4.32	13	Pass
		8	0	5.44	13	Pass
		8	4	5.24	13	Pass
		8	7	5.32	13	Pass
		15	0	5.8	13	Pass

LTE FDD Band 5, Nominal Bandwidth: 5.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.88	13	Pass
		1	12	3.92	13	Pass
		1	24	3.84	13	Pass
		12	0	4.84	13	Pass
		12	7	4.68	13	Pass
		12	13	4.88	13	Pass
		25	0	5.4	13	Pass
	MCH	1	0	3.64	13	Pass
		1	12	3.44	13	Pass
		1	24	3.6	13	Pass
		12	0	4.44	13	Pass
		12	7	4.28	13	Pass
		12	13	4.36	13	Pass
		25	0	4.88	13	Pass
	HCH	1	0	3.8	13	Pass
		1	12	3.64	13	Pass
		1	24	3.52	13	Pass
		12	0	4.68	13	Pass
		12	7	4.44	13	Pass
		12	13	4.48	13	Pass
		25	0	5	13	Pass
16QAM	LCH	1	0	4.52	13	Pass
		1	12	4.48	13	Pass
		1	24	4.44	13	Pass
		12	0	5.8	13	Pass
		12	7	5.6	13	Pass
		12	13	5.72	13	Pass
		25	0	6.04	13	Pass
	MCH	1	0	4.52	13	Pass
		1	12	4.2	13	Pass
		1	24	4.28	13	Pass
		12	0	5.36	13	Pass
		12	7	5.16	13	Pass
		12	13	5.32	13	Pass
		25	0	5.64	13	Pass
	HCH	1	0	4.48	13	Pass
		1	12	4.44	13	Pass
		1	24	4.52	13	Pass
		12	0	5.6	13	Pass
		12	7	5.48	13	Pass
		12	13	5.4	13	Pass
		25	0	5.8	13	Pass

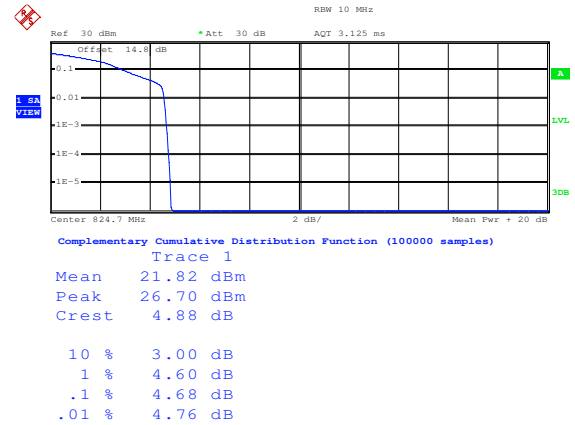
LTE FDD Band 5, Nominal Bandwidth: 10.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.92	13	Pass
		1	25	3.84	13	Pass
		1	49	3.68	13	Pass
		25	0	4.92	13	Pass
		25	12	4.84	13	Pass
		25	25	5.2	13	Pass
		50	0	5.44	13	Pass
	MCH	1	0	3.8	13	Pass
		1	25	3.48	13	Pass
		1	49	3.8	13	Pass
		25	0	4.48	13	Pass
		25	12	4.48	13	Pass
		25	25	4.96	13	Pass
		50	0	5	13	Pass
	HCH	1	0	3.68	13	Pass
		1	25	3.84	13	Pass
		1	49	3.56	13	Pass
		25	0	4.84	13	Pass
		25	12	4.88	13	Pass
		25	25	5.16	13	Pass
		50	0	5.36	13	Pass
16QAM	LCH	1	0	4.84	13	Pass
		1	25	4.4	13	Pass
		1	49	4.6	13	Pass
		25	0	5.84	13	Pass
		25	12	5.8	13	Pass
		25	25	6.04	13	Pass
		50	0	6.24	13	Pass
	MCH	1	0	4.44	13	Pass
		1	25	4.16	13	Pass
		1	49	4.6	13	Pass
		25	0	5.44	13	Pass
		25	12	5.4	13	Pass
		25	25	5.76	13	Pass
		50	0	5.84	13	Pass
	HCH	1	0	4.52	13	Pass
		1	25	4.4	13	Pass
		1	49	4.4	13	Pass
		25	0	5.76	13	Pass
		25	12	5.72	13	Pass
		25	25	6	13	Pass
		50	0	6.24	13	Pass

LTE FDD Band 5, Nominal Bandwidth: 1.4MHz

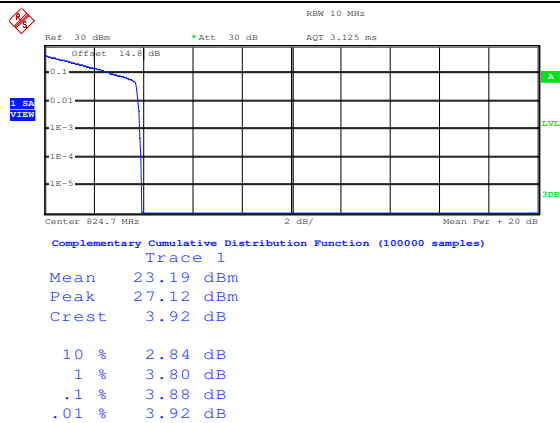
QPSK Low channel-1 RB offset 0



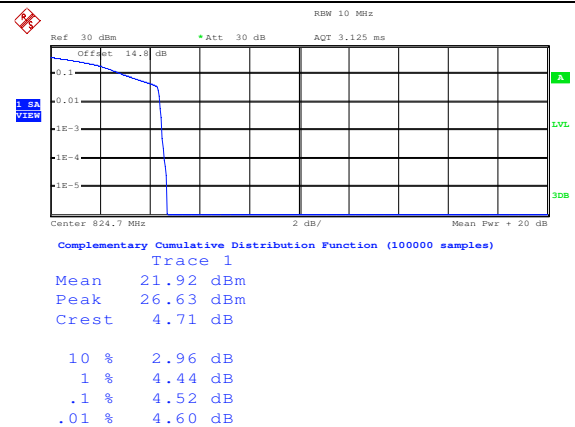
16QAM Low channel-1 RB offset 0



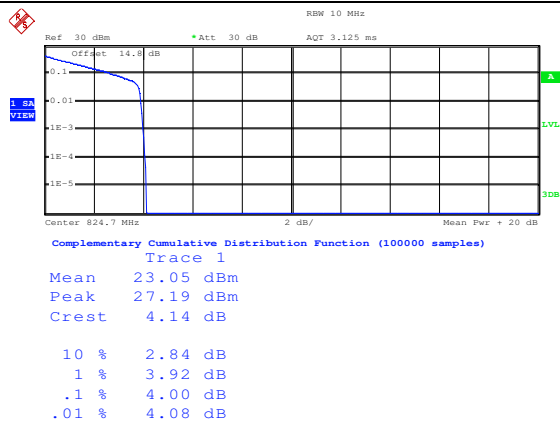
QPSK Low channel-1 RB offset 3



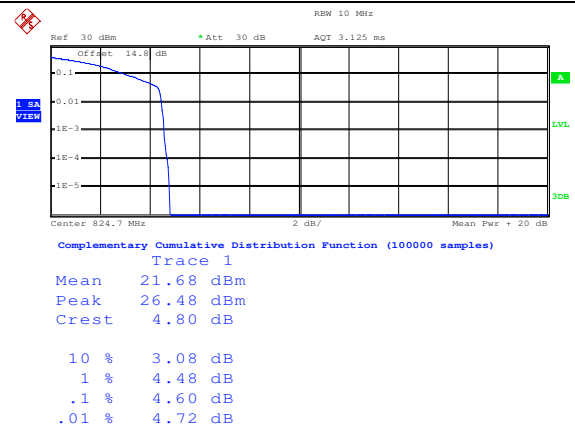
16QAM Low channel-1 RB offset 3



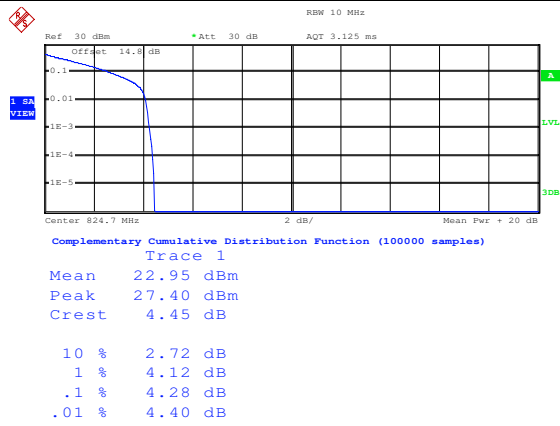
QPSK Low channel-1 RB offset 5



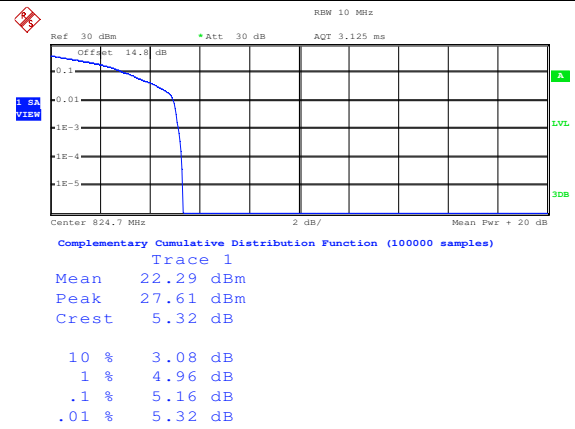
16QAM Low channel-1 RB offset 5



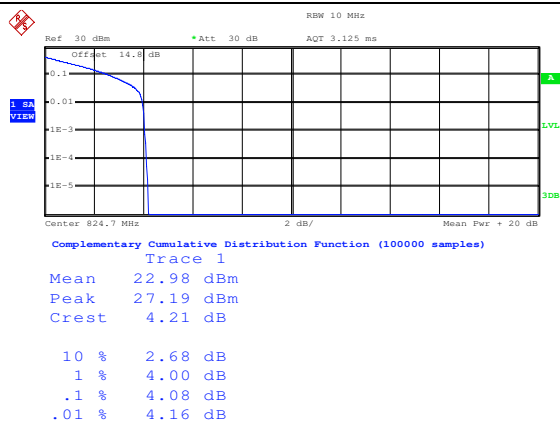
QPSK Low channel-3 RB offset 0



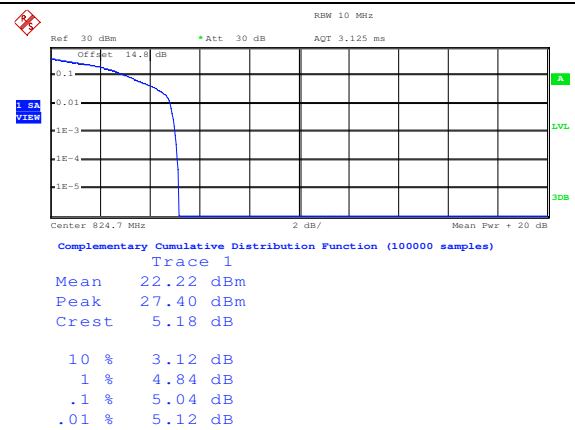
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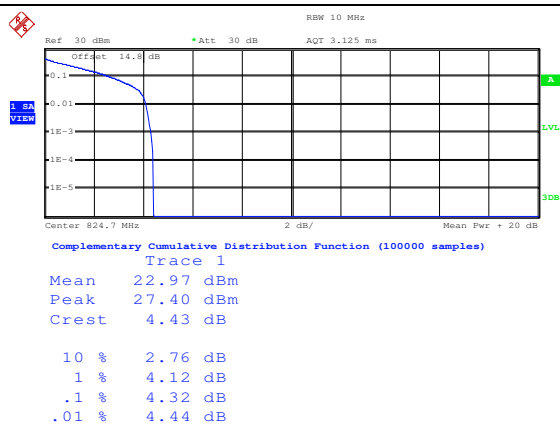
QPSK Low channel-3 RB offset 1



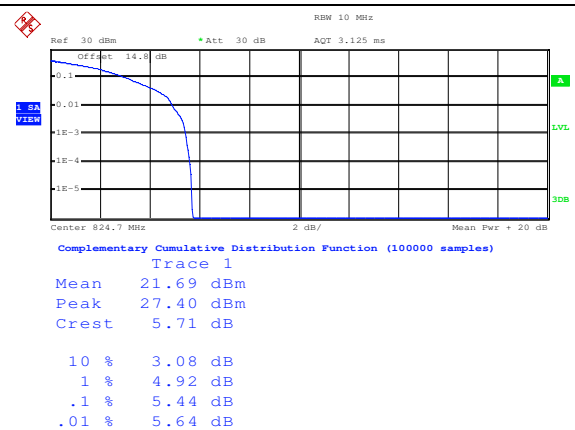
16QAM Low channel-3 RB offset 1



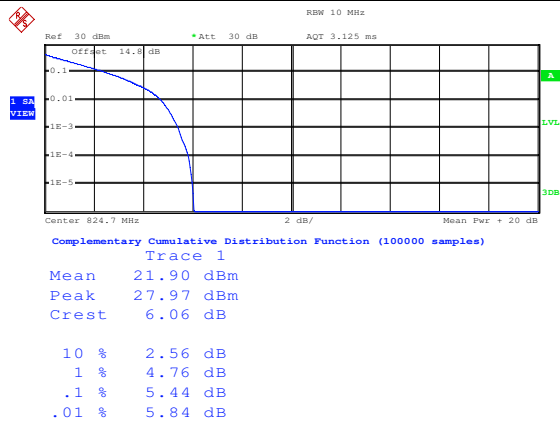
QPSK Low channel-3 RB offset 3



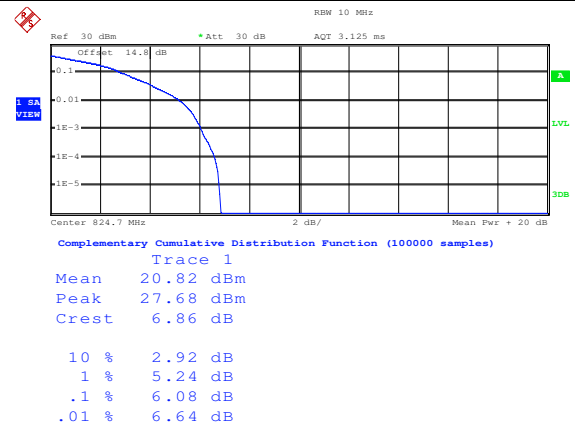
16QAM Low channel-3 RB offset 3



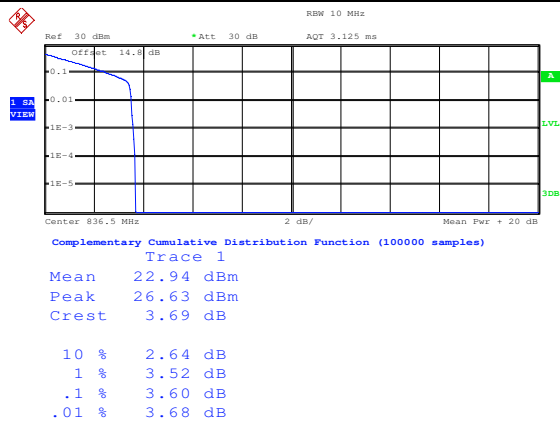
QPSK Low channel-6 RB offset 0



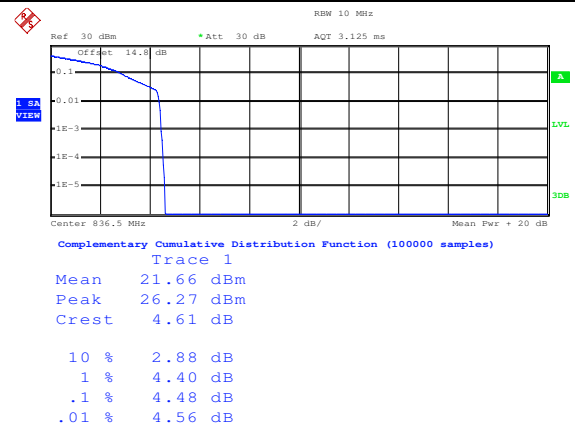
16QAM Low channel-6 RB offset 0



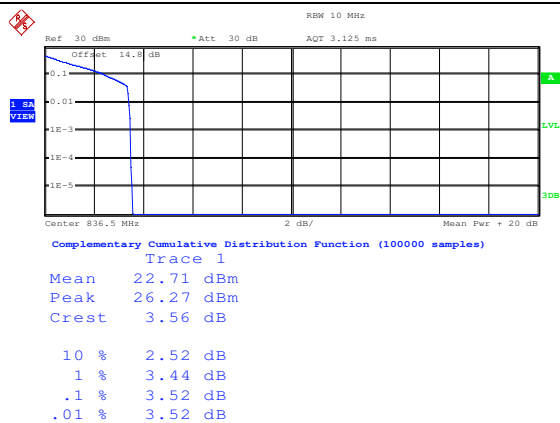
QPSK Middle channel-1 RB offset 0



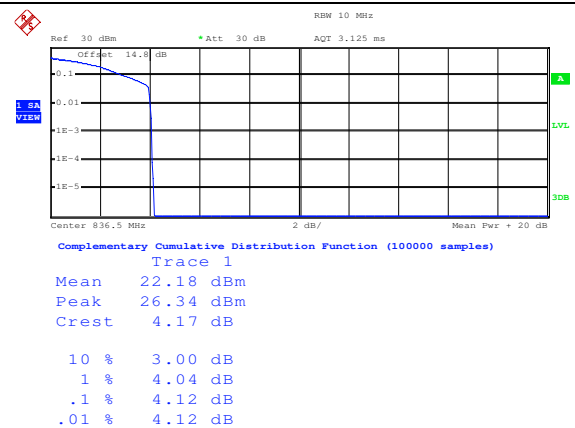
16QAM Middle channel-1 RB offset 0



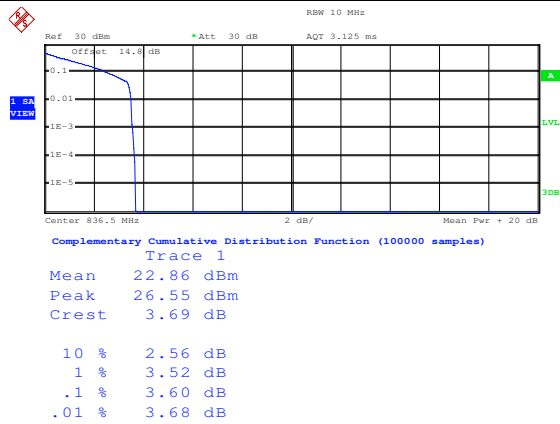
QPSK Middle channel-1 RB offset 3



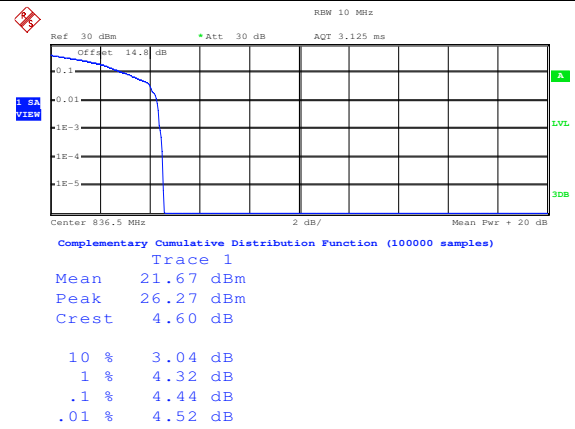
16QAM Middle channel-1 RB offset 3



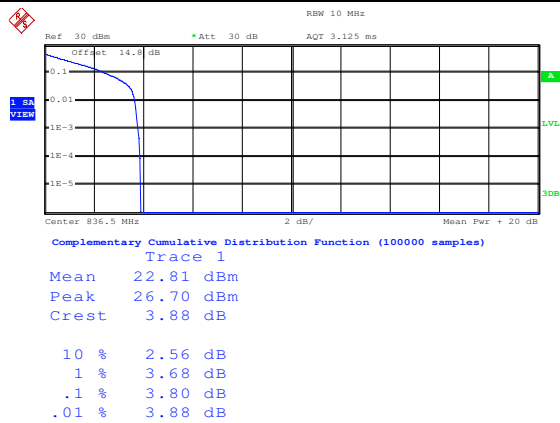
QPSK Middle channel-1 RB offset 5



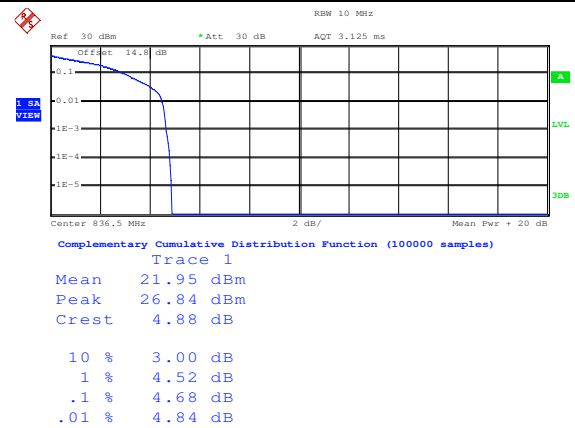
16QAM Middle channel-1 RB offset 5



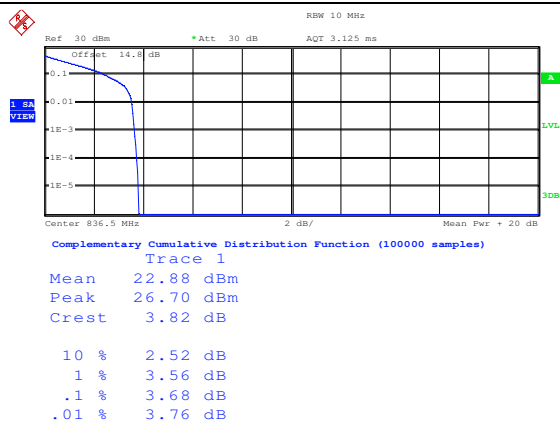
QPSK Middle channel-3 RB offset 0



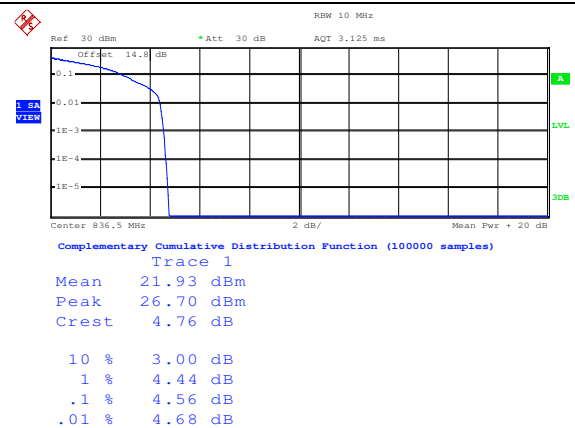
16QAM Middle channel-3 RB offset 0



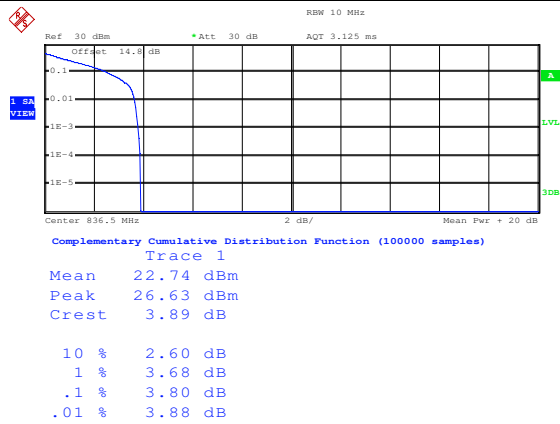
QPSK Middle channel-3 RB offset 1



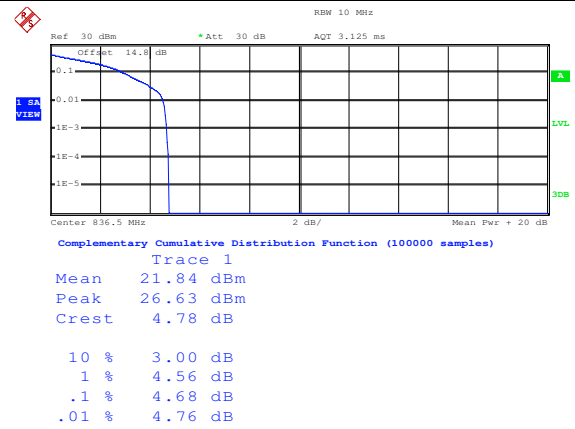
16QAM Middle channel-3 RB offset 1



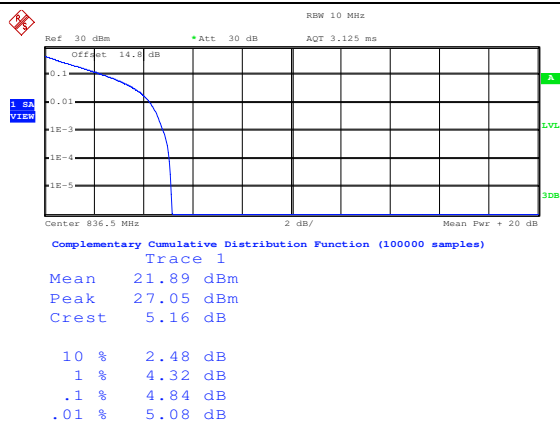
QPSK Middle channel-3 RB offset 3



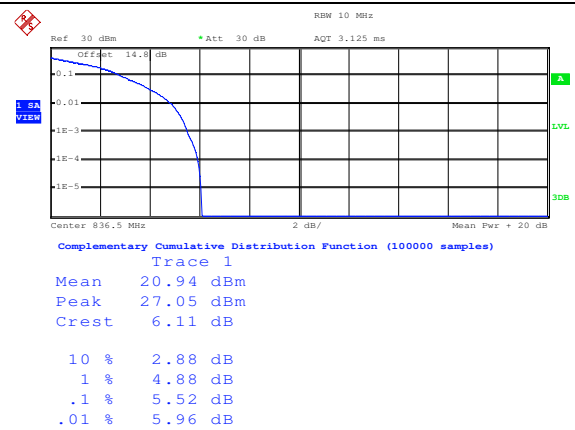
16QAM Middle channel-3 RB offset 3



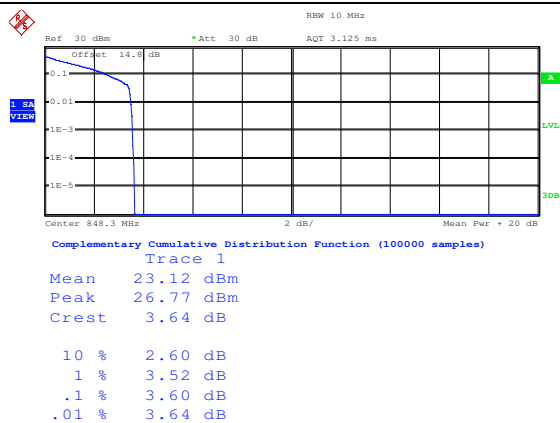
QPSK Middle channel-6 RB offset 0



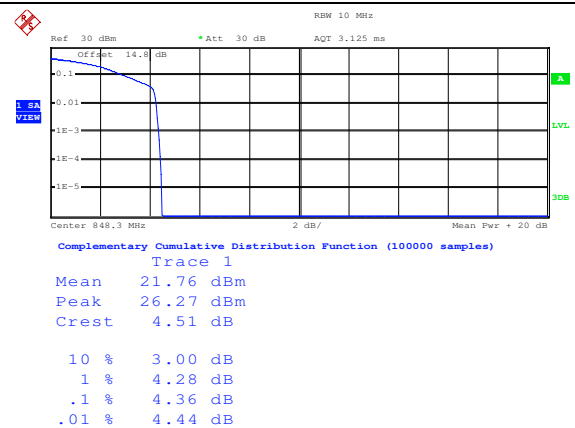
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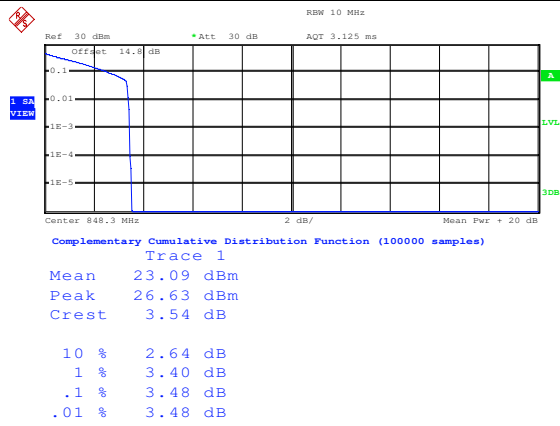
QPSK High channel-1 RB offset 0



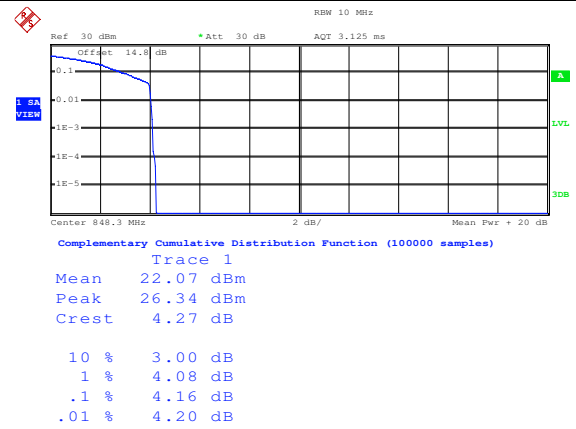
16QAM High channel-1 RB offset 0



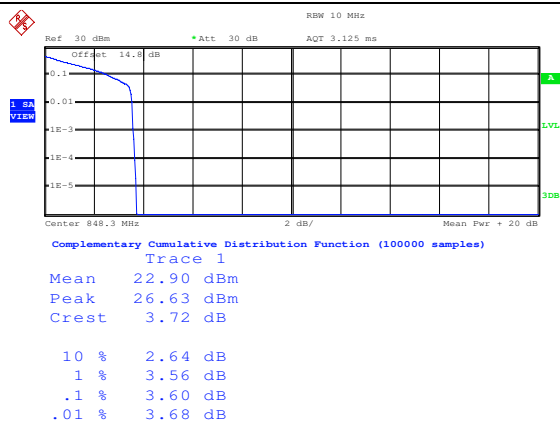
QPSK High channel-1 RB offset 3



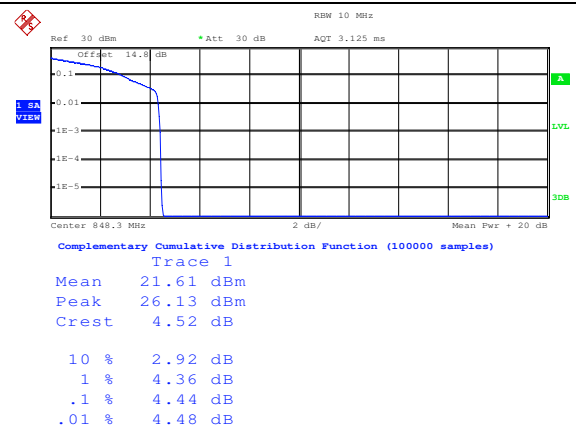
16QAM High channel-1 RB offset 3



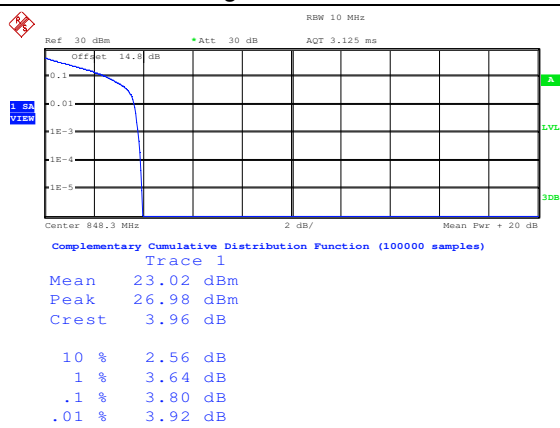
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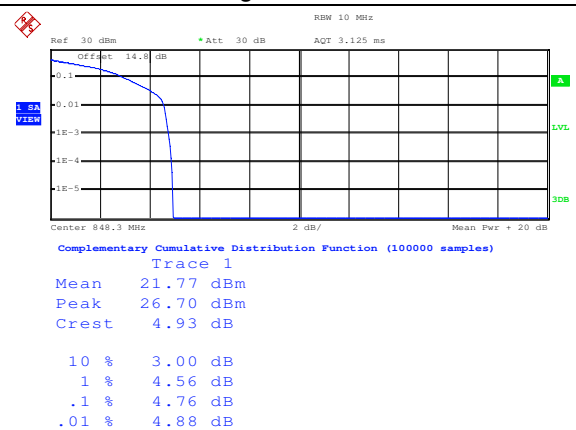
16QAM High channel-1 RB offset 5



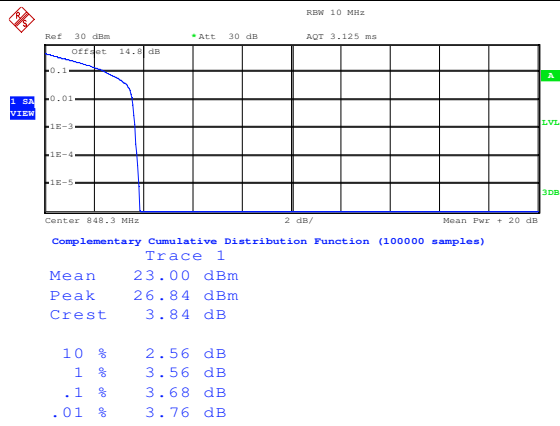
QPSK High channel-3 RB offset 0



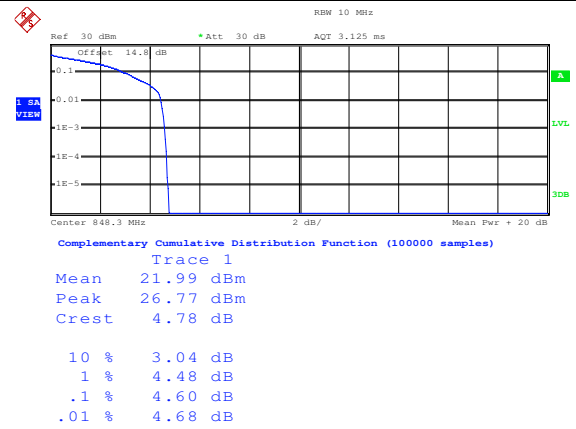
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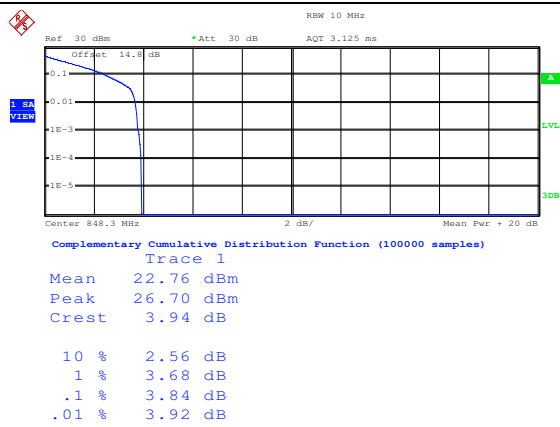
QPSK High channel-3 RB offset 1



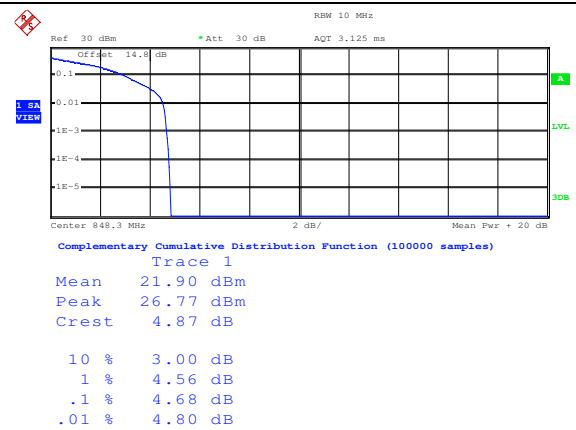
16QAM High channel-3 RB offset 1



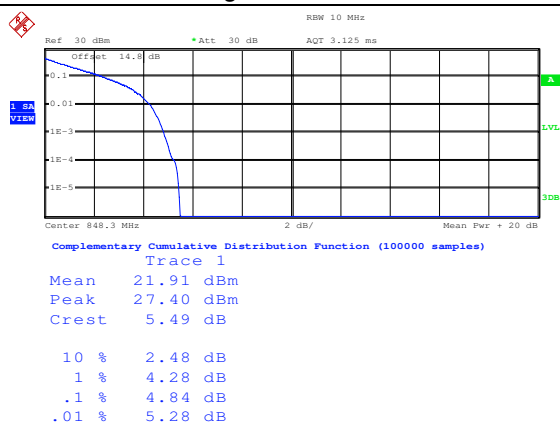
QPSK High channel-3 RB offset 3



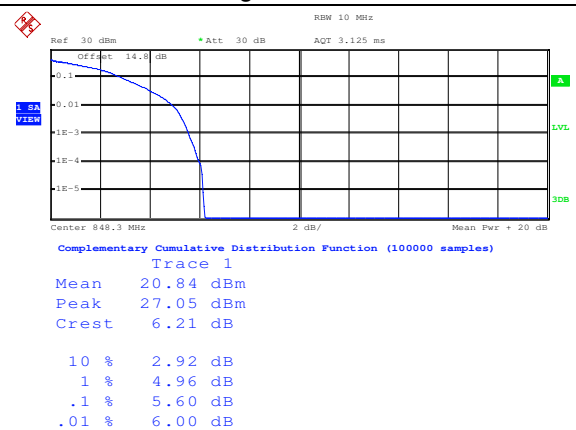
16QAM High channel-3 RB offset 3



QPSK High channel-6 RB offset 0

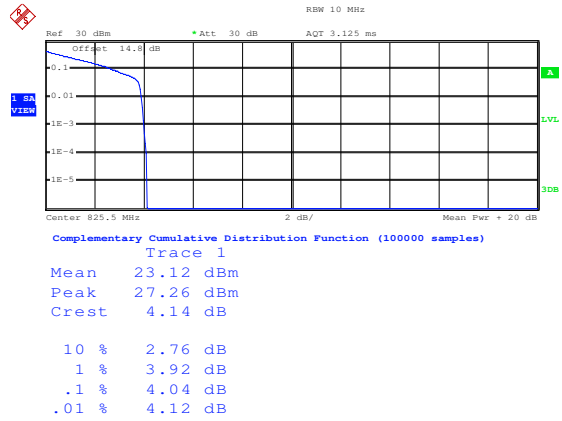


16QAM High channel-6 RB offset 0

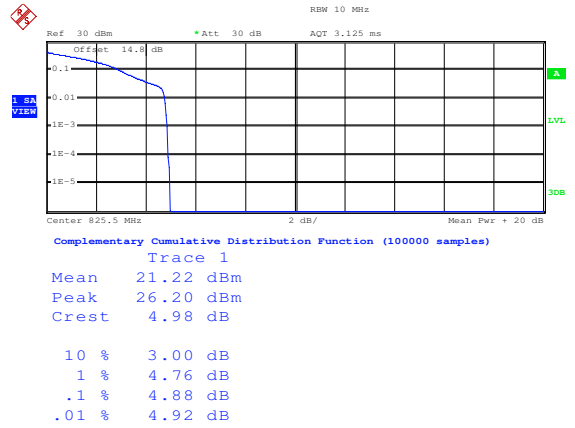


LTE FDD Band 5, Nominal Bandwidth: 3MHz

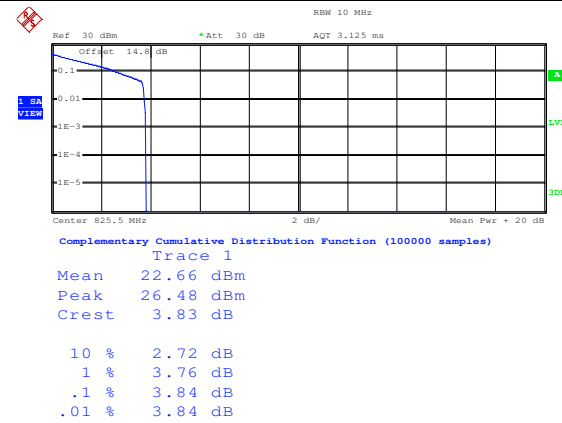
QPSK Low channel-1 RB offset 0



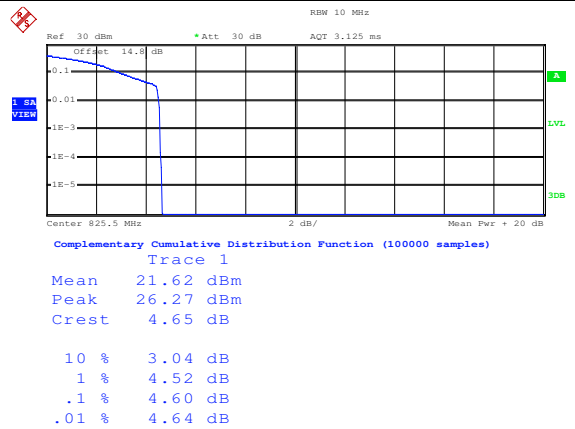
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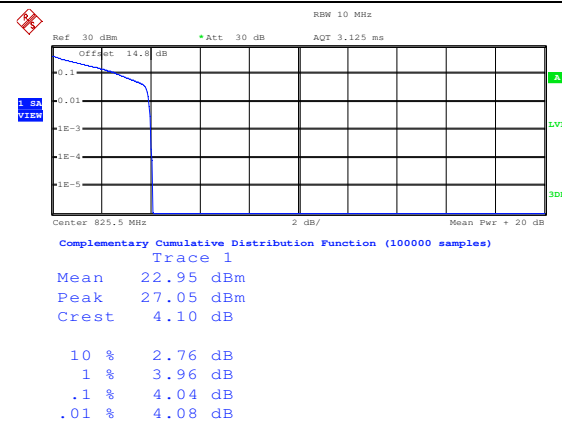
QPSK Low channel-1 RB offset 8



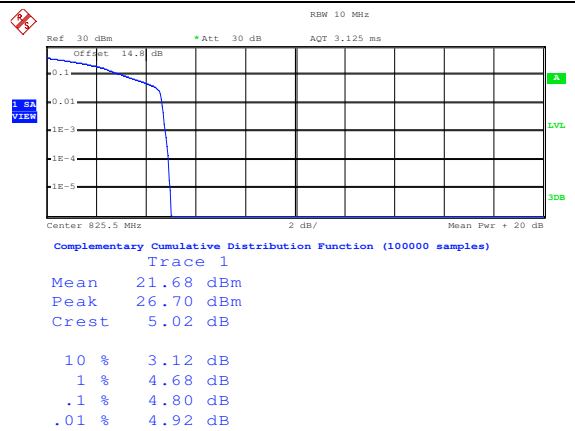
16QAM Low channel-1 RB offset 8



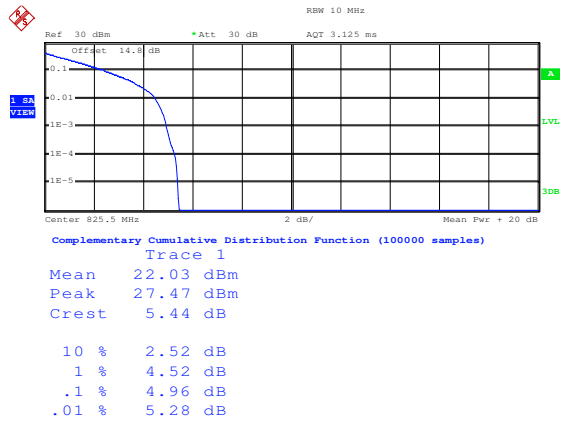
QPSK Low channel-1 RB offset 14



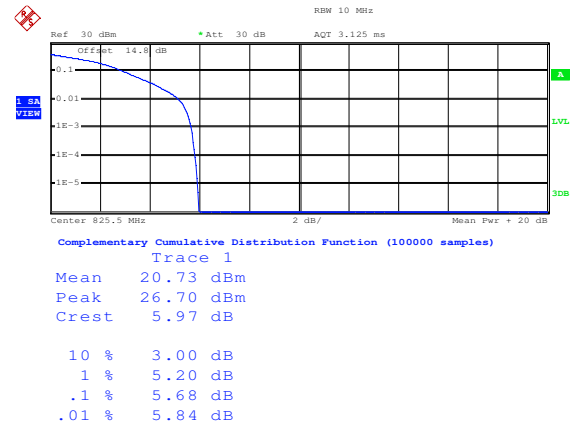
16QAM Low channel-1 RB offset 14



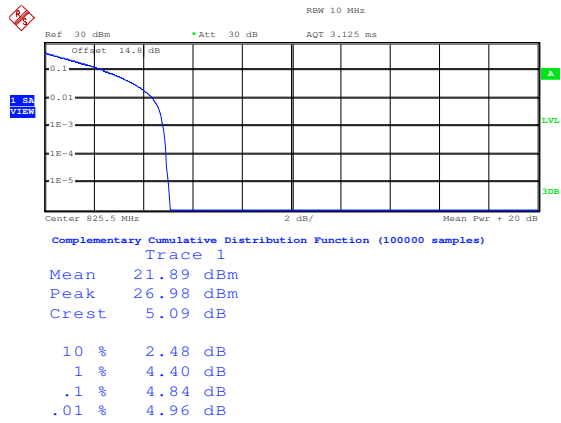
QPSK Low channel-8 RB offset 0



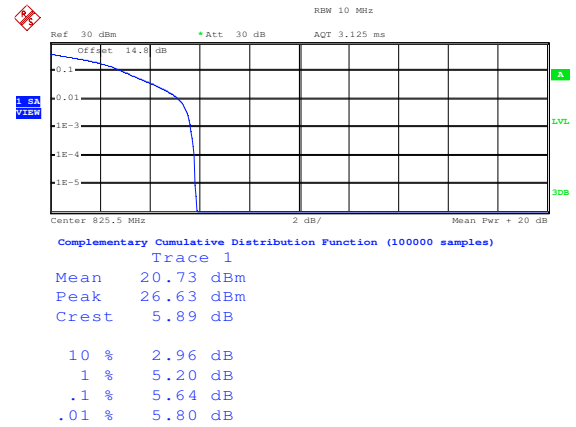
16QAM Low channel-8 RB offset 0



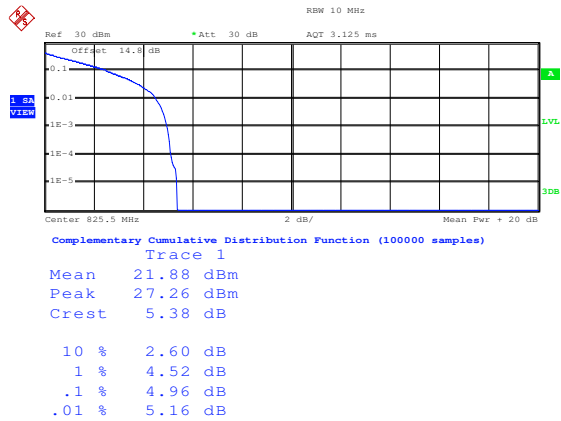
QPSK Low channel-8 RB offset 4



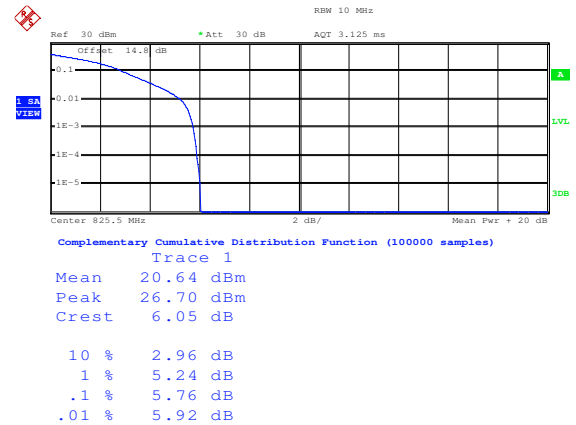
16QAM Low channel-8 RB offset 4



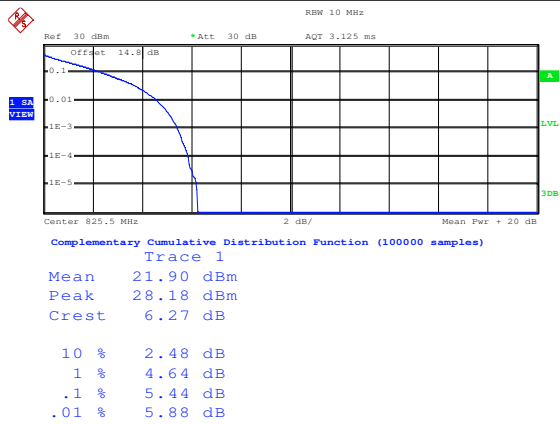
QPSK Low channel-8 RB offset 7



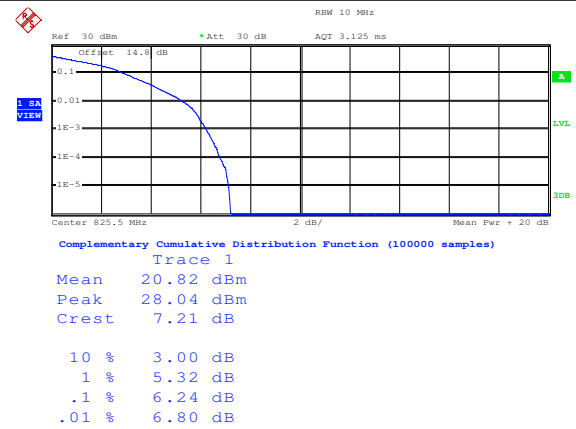
16QAM Low channel-8 RB offset 7



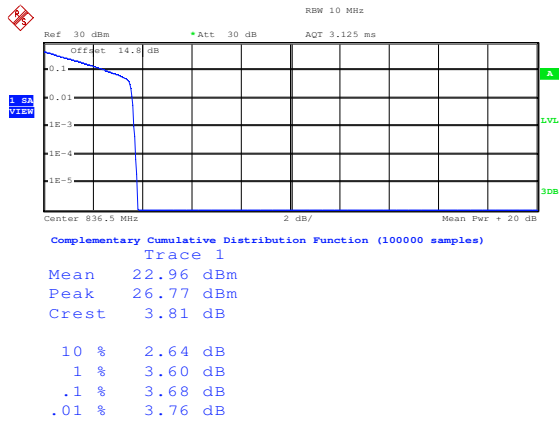
QPSK Low channel-15 RB offset 0



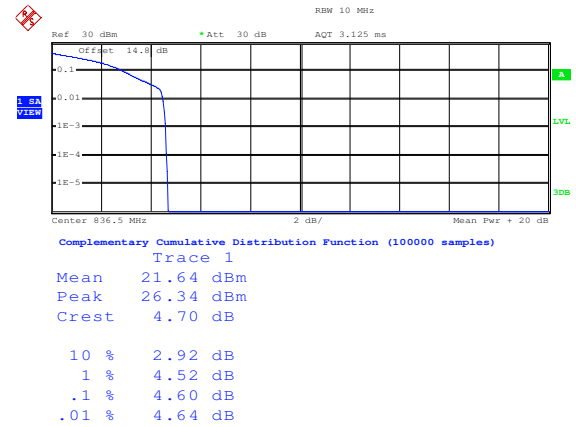
16QAM Low channel-15 RB offset 0



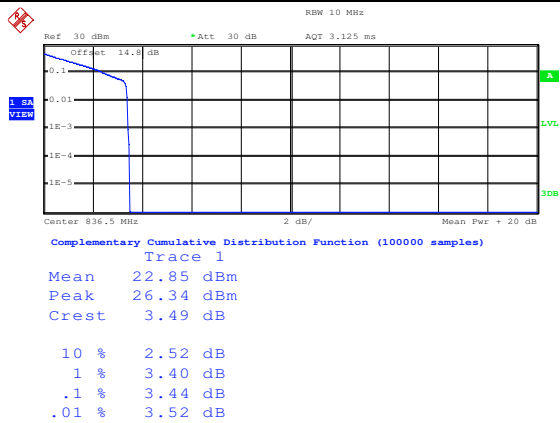
QPSK Middle channel-1 RB offset 0



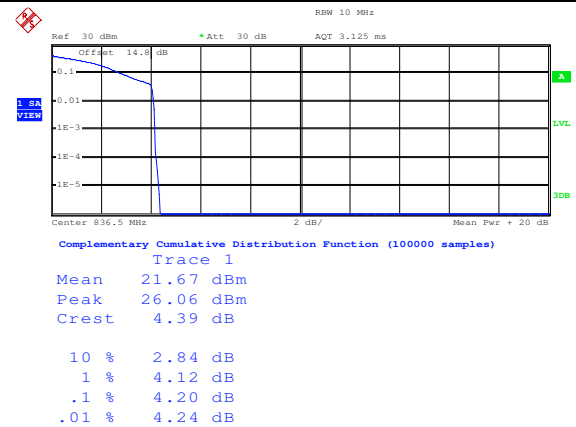
16QAM Middle channel-1 RB offset 0



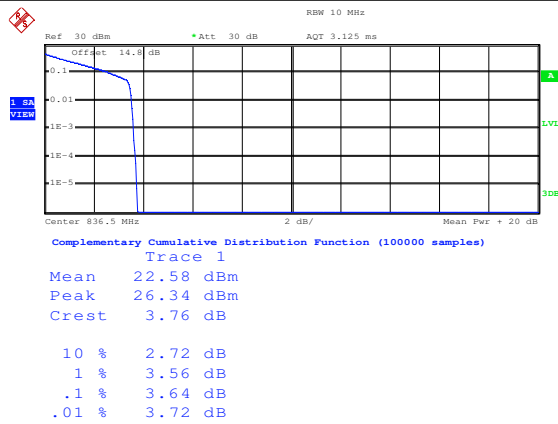
QPSK Middle channel-1 RB offset 8



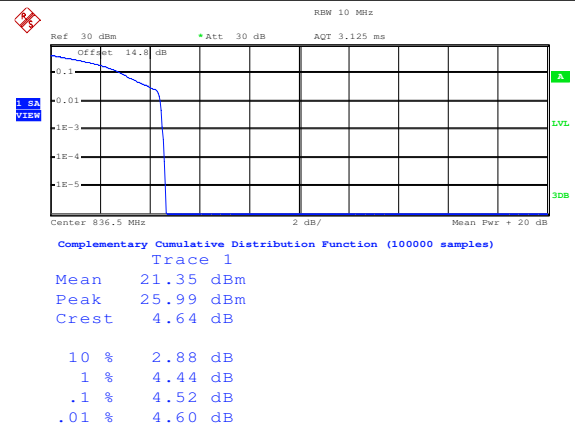
16QAM Middle channel-1 RB offset 8



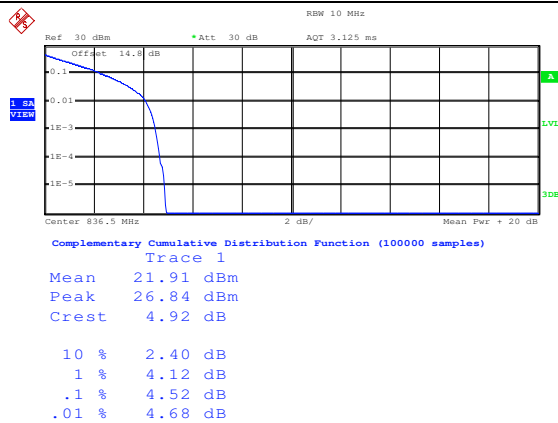
QPSK Middle channel-1 RB offset 14



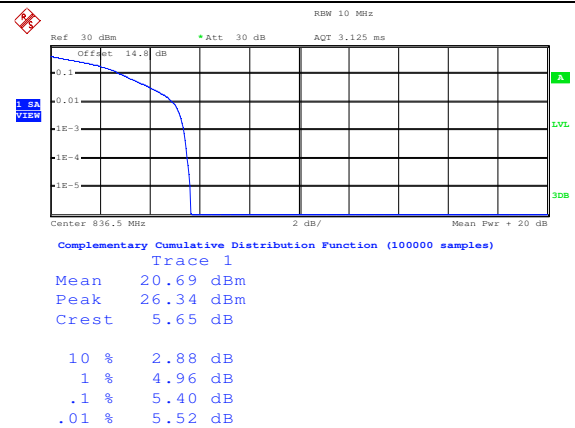
16QAM Middle channel-1 RB offset 14



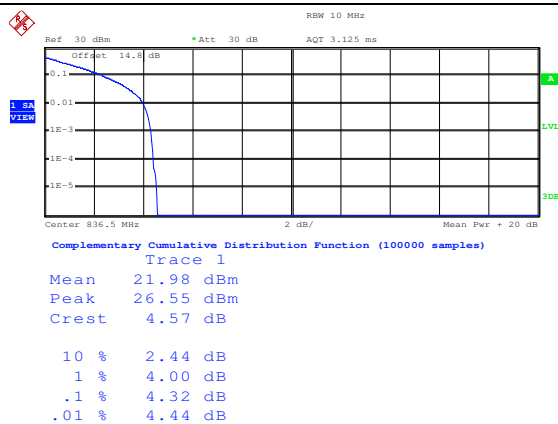
QPSK Middle channel-8 RB offset 0



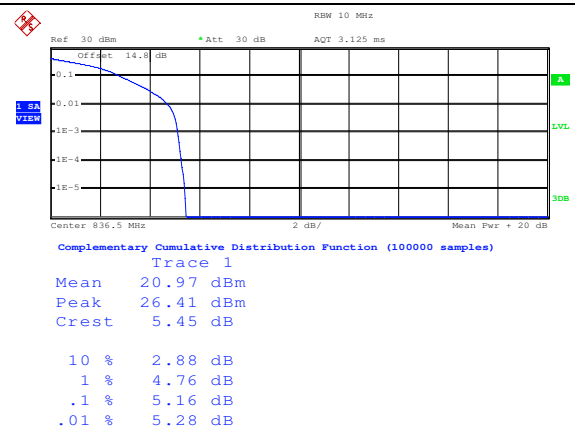
16QAM Middle channel-8 RB offset 0



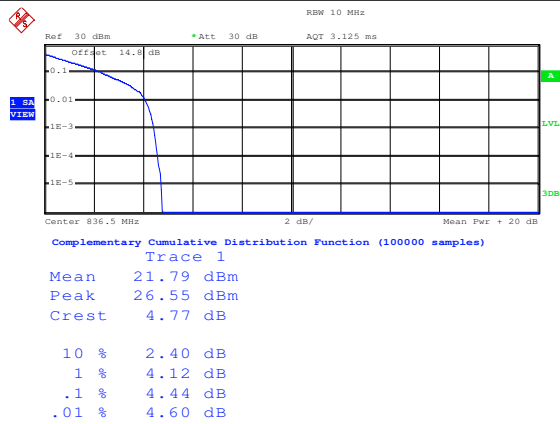
QPSK Middle channel-8 RB offset 4



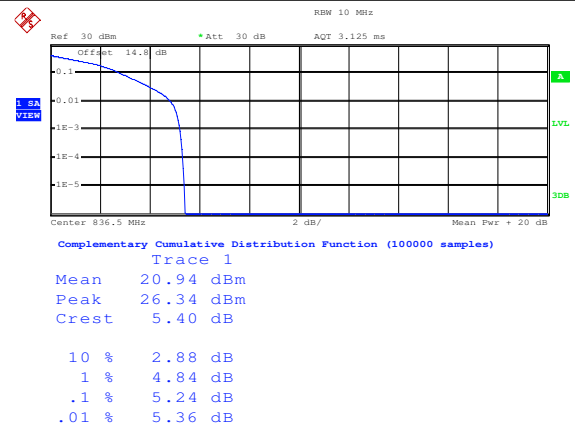
16QAM Middle channel-8 RB offset 4



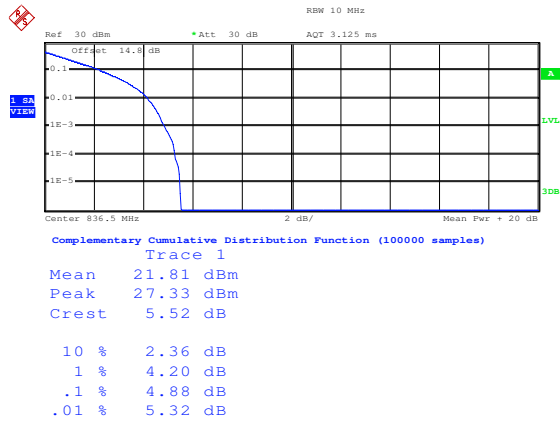
QPSK Middle channel-8 RB offset 7



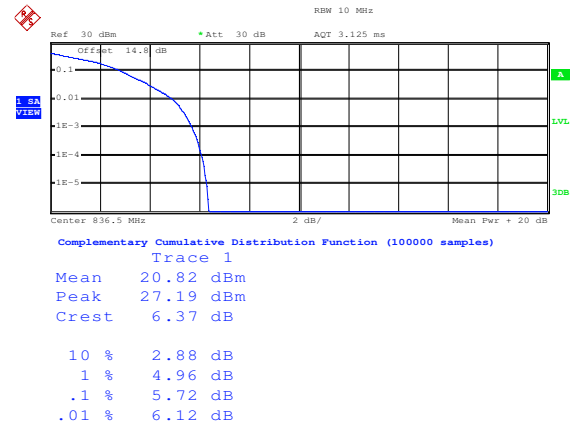
16QAM Middle channel-8 RB offset 7



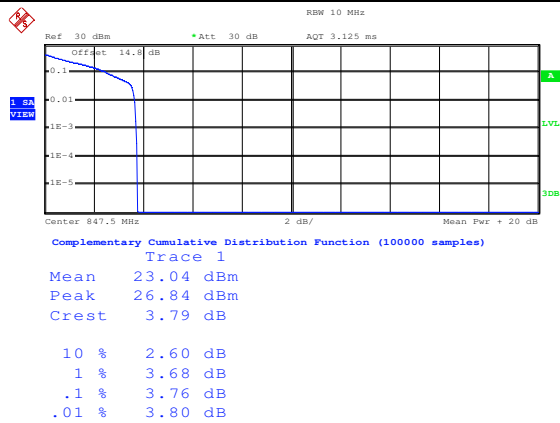
QPSK Middle channel-15 RB offset 0



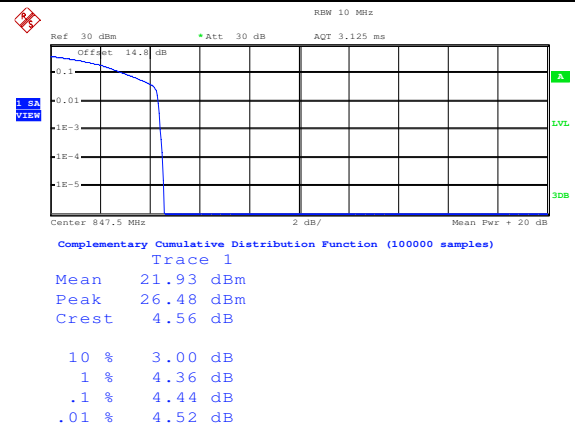
16QAM Middle channel-15 RB offset 0



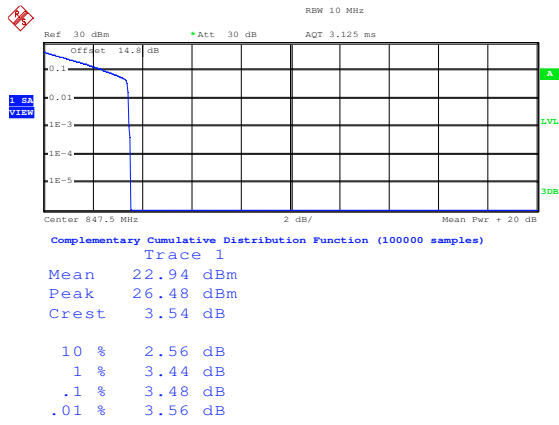
QPSK High channel-1 RB offset 0



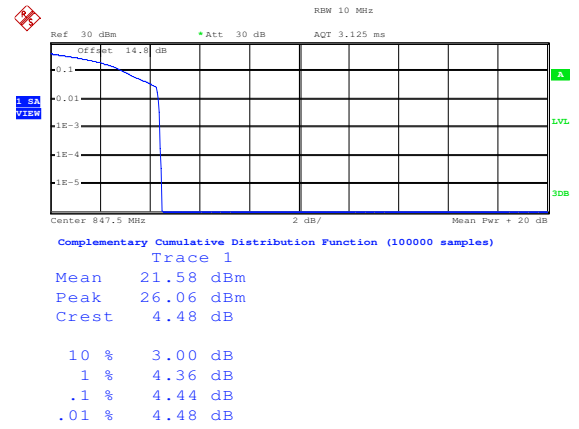
16QAM High channel-1 RB offset 0



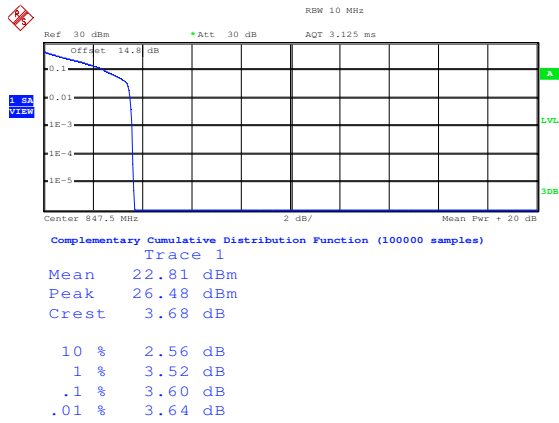
QPSK High channel-1 RB offset 8



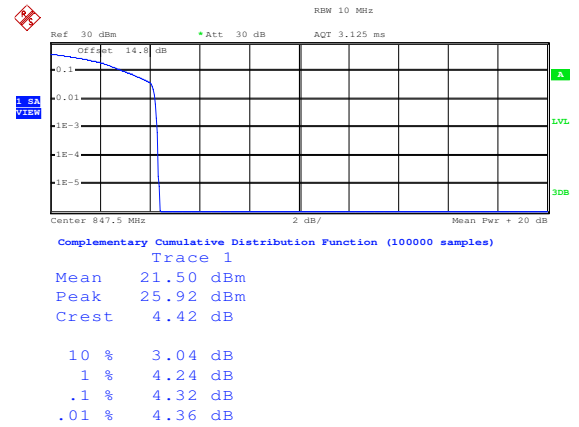
16QAM High channel-1 RB offset 8



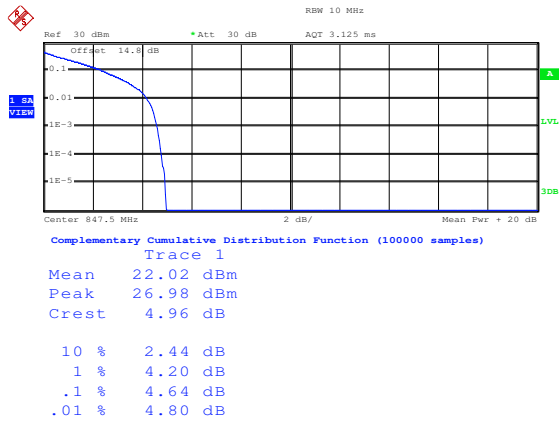
QPSK High channel-1 RB offset 14



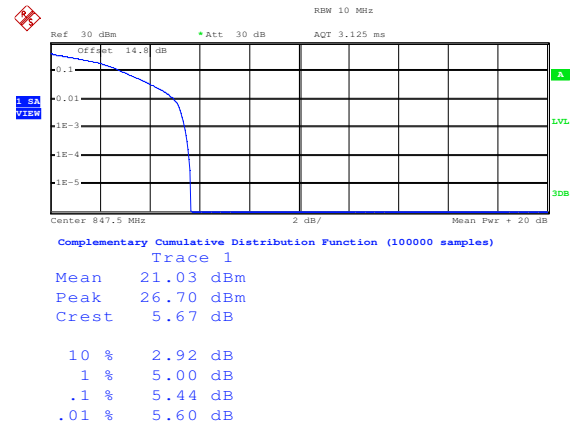
16QAM High channel-1 RB offset 14



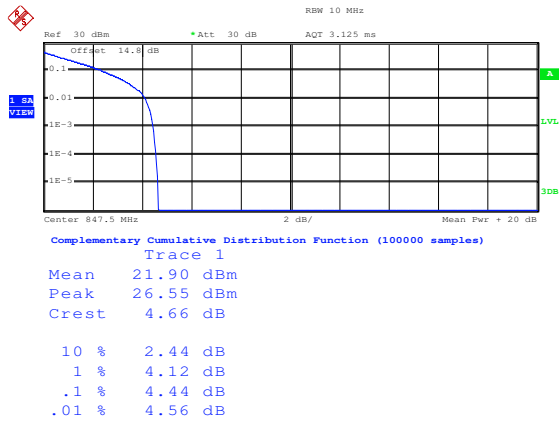
QPSK High channel-8 RB offset 0



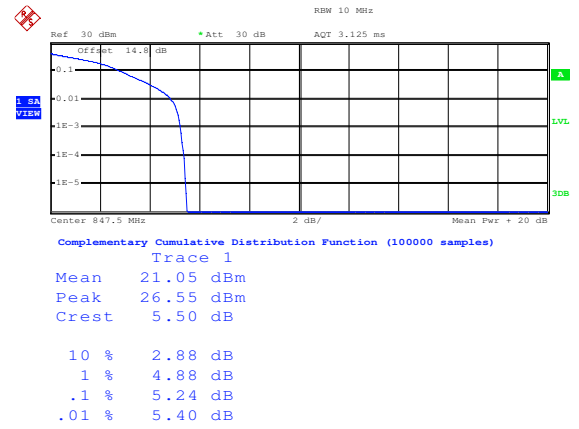
16QAM High channel-8 RB offset 0



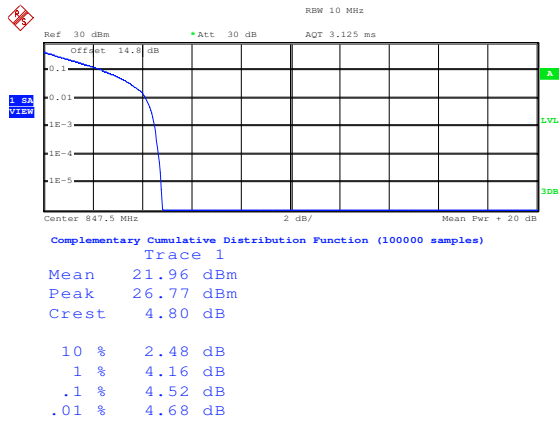
QPSK High channel-8 RB offset 4



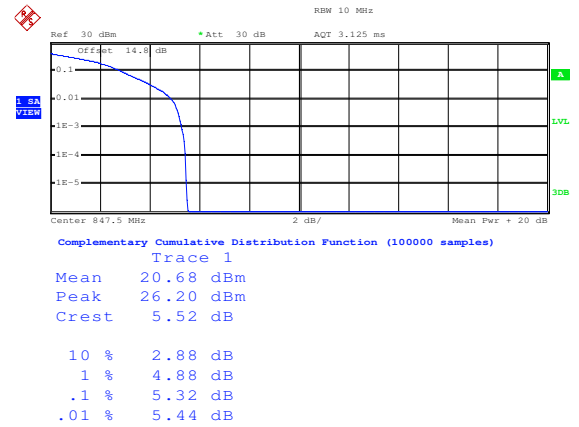
16QAM High channel-8 RB offset 4



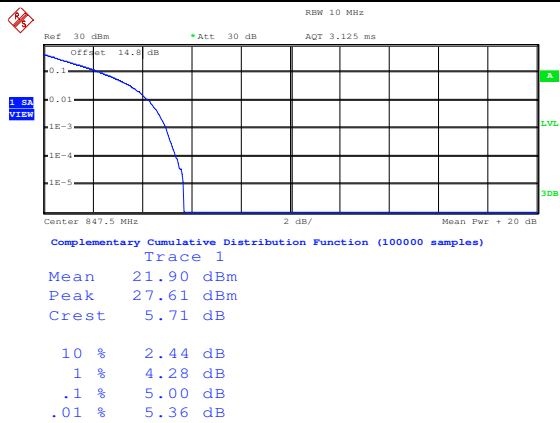
QPSK High channel-8 RB offset 7



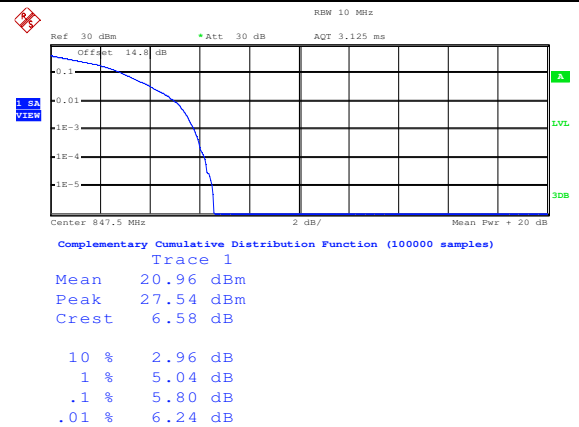
16QAM High channel-8 RB offset 7



QPSK High channel-15 RB offset 0

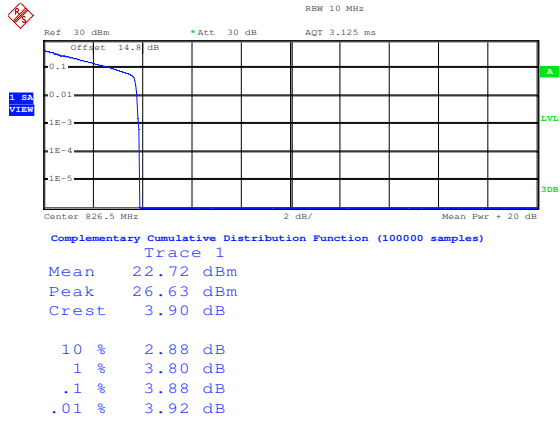


16QAM High channel-15 RB offset 0

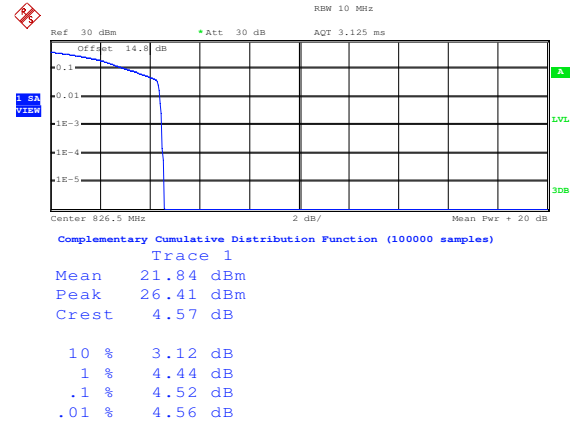


LTE FDD Band 5, Nominal Bandwidth: 5MHz

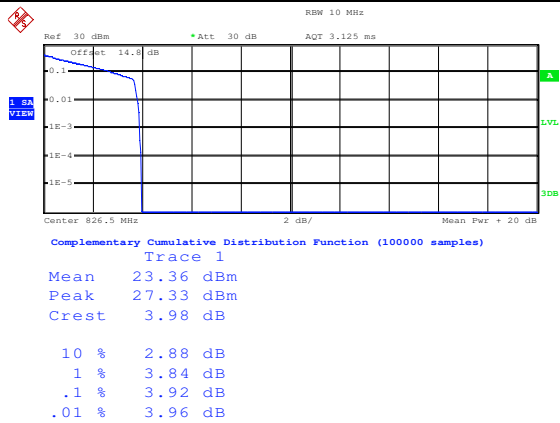
QPSK Low channel-1 RB offset 0



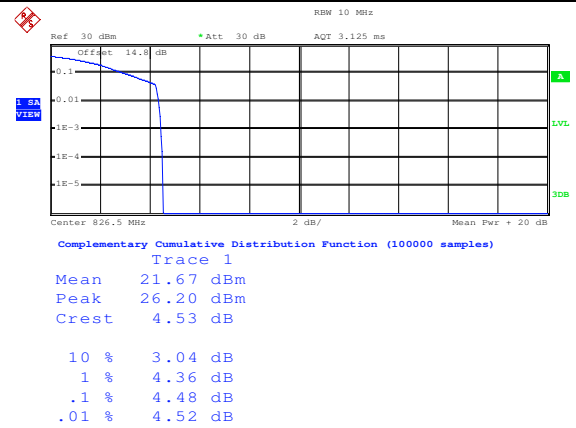
16QAM Low channel-1 RB offset 0



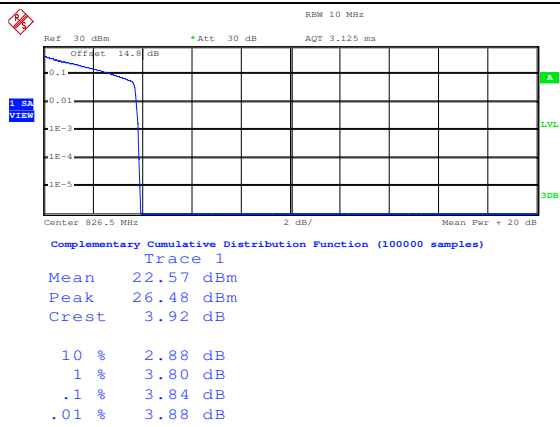
QPSK Low channel-1 RB offset 12



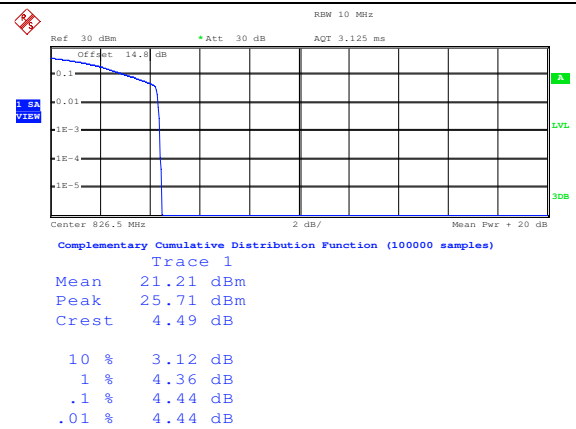
16QAM Low channel-1 RB offset 12



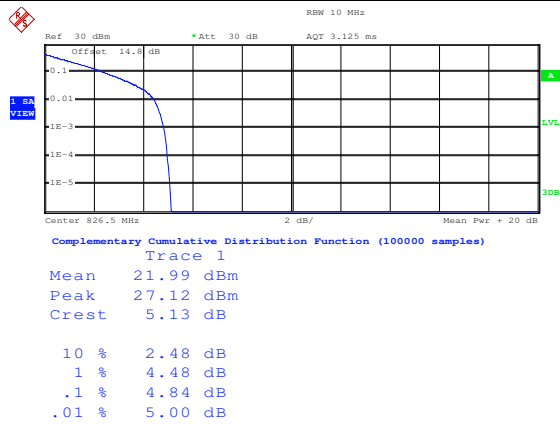
QPSK Low channel-1 RB offset 24



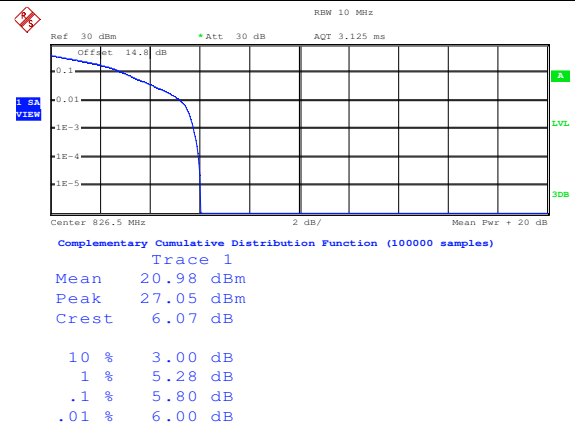
16QAM Low channel-1 RB offset 24



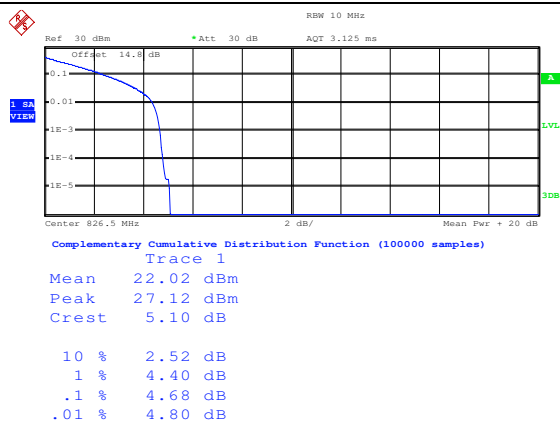
QPSK Low channel-12 RB offset 0



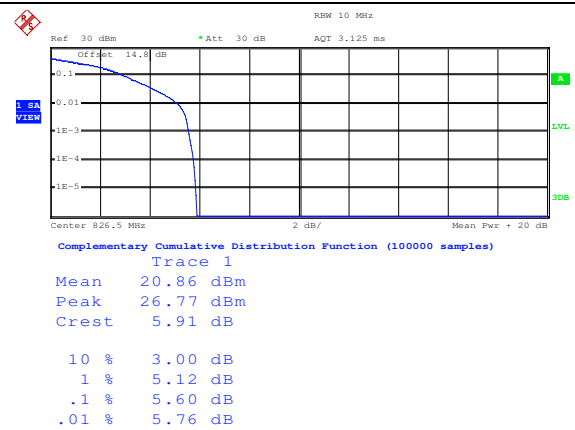
16QAM Low channel-12 RB offset 0



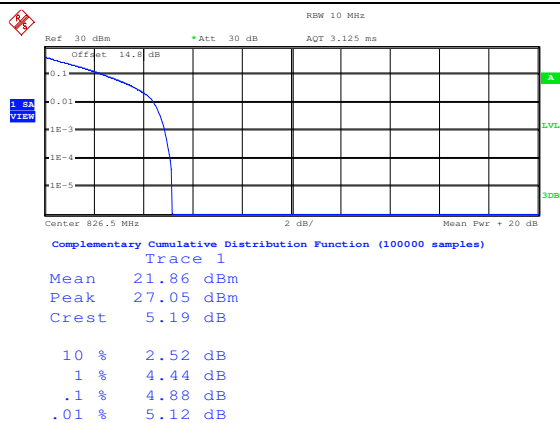
QPSK Low channel-12 RB offset 7



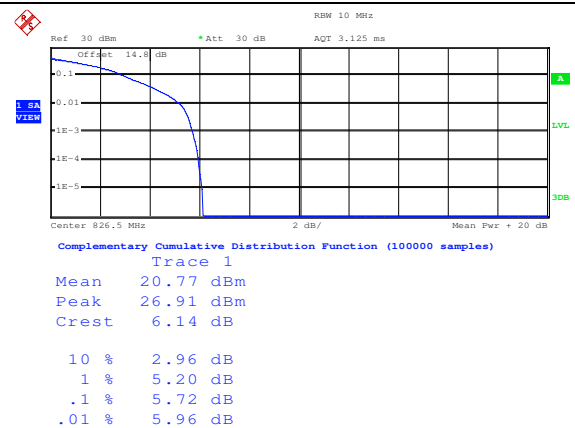
16QAM Low channel-12 RB offset 7

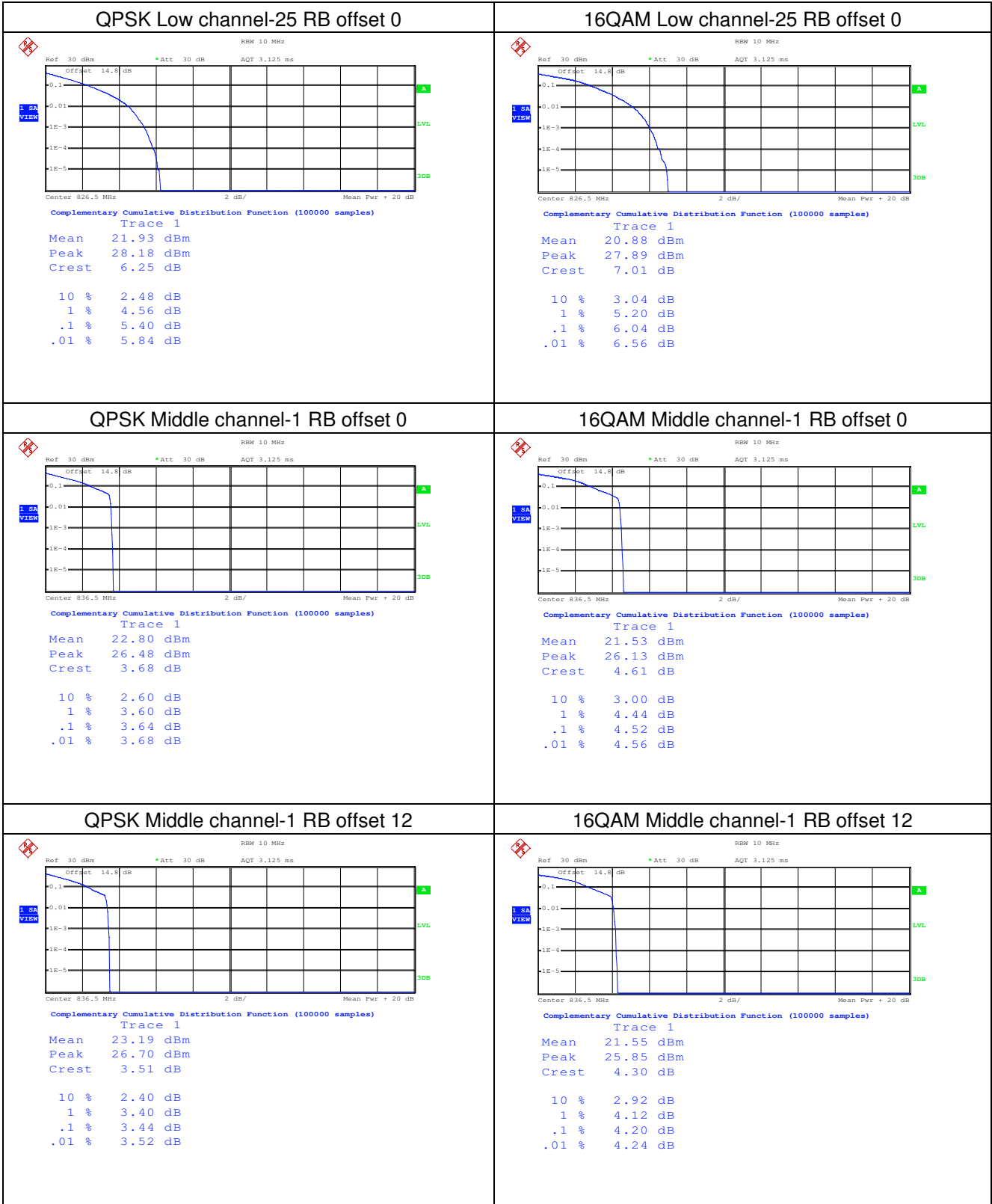


QPSK Low channel-12 RB offset 13

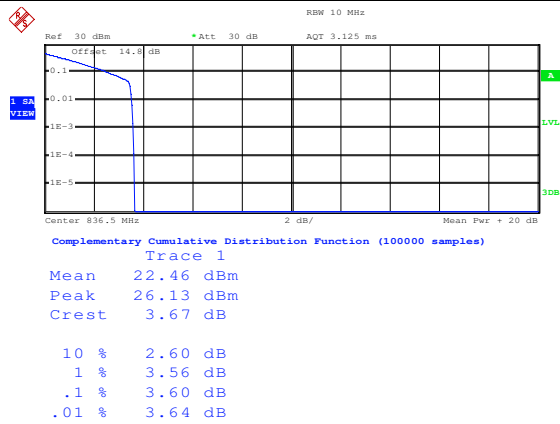


16QAM Low channel-12 RB offset 13

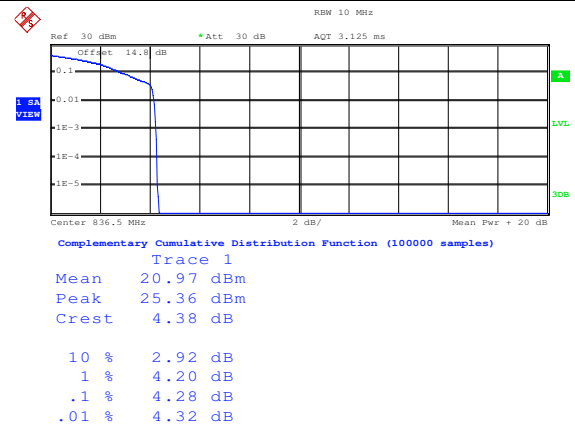




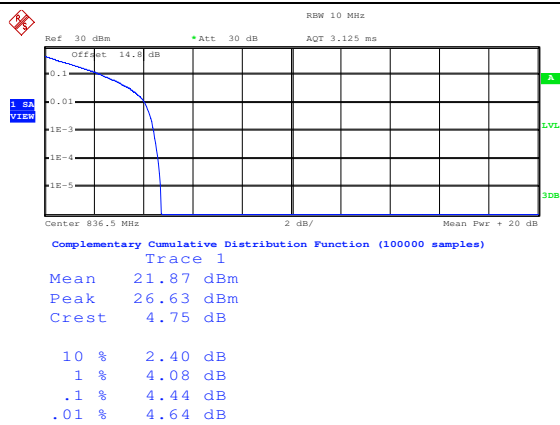
QPSK Middle channel-1 RB offset 24



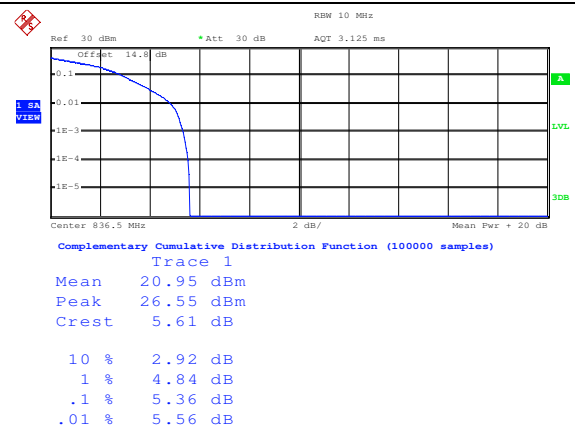
16QAM Middle channel-1 RB offset 24



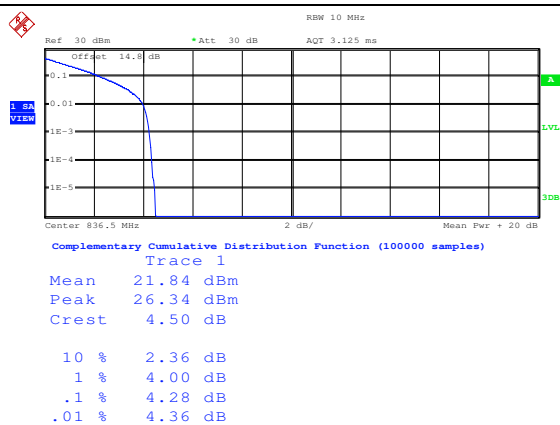
QPSK Middle channel-12 RB offset 0



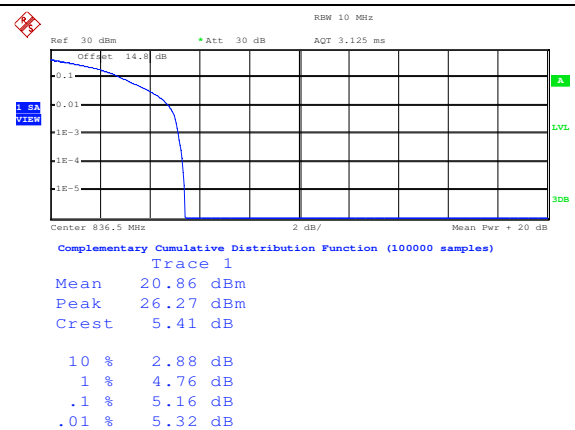
16QAM Middle channel-12 RB offset 0



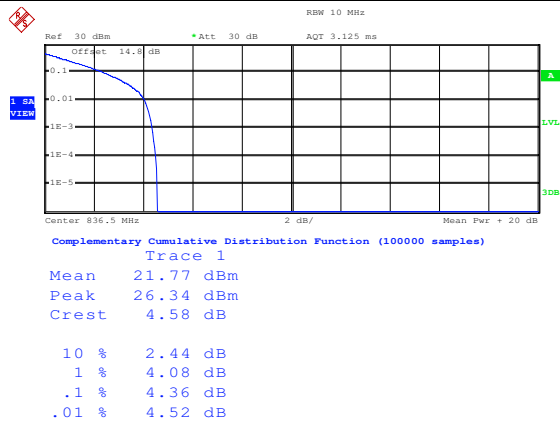
QPSK Middle channel-12 RB offset 7



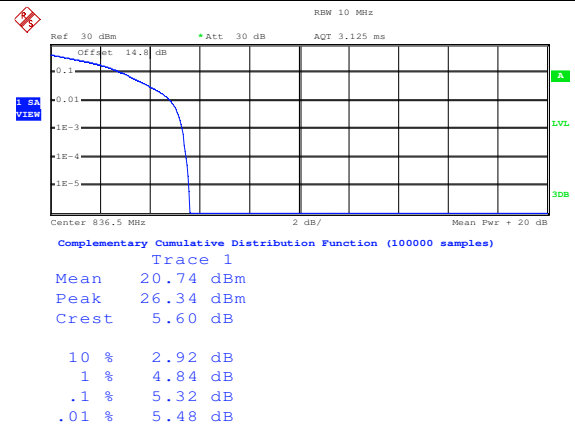
16QAM Middle channel-12 RB offset 7



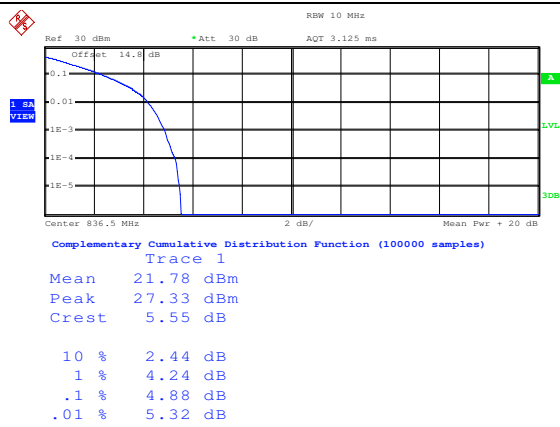
QPSK Middle channel-12 RB offset 13



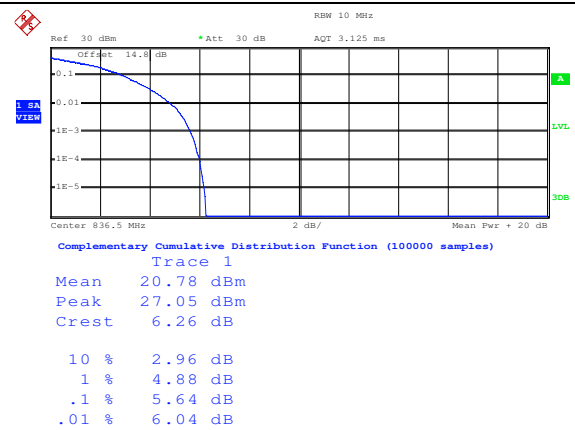
16QAM Middle channel-12 RB offset 13



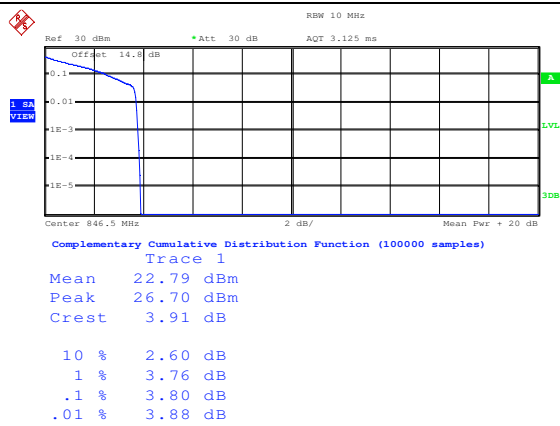
QPSK Middle channel-25 RB offset 0



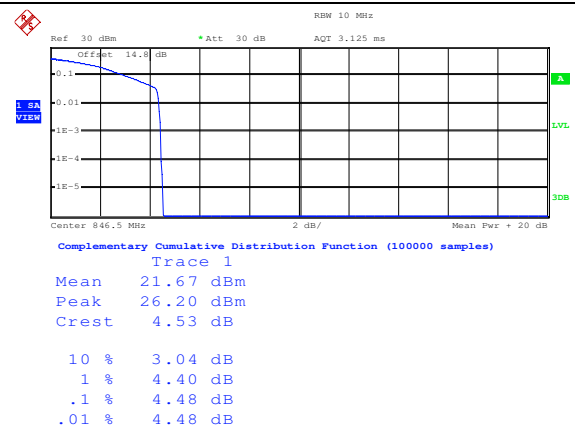
16QAM Middle channel-25 RB offset 0



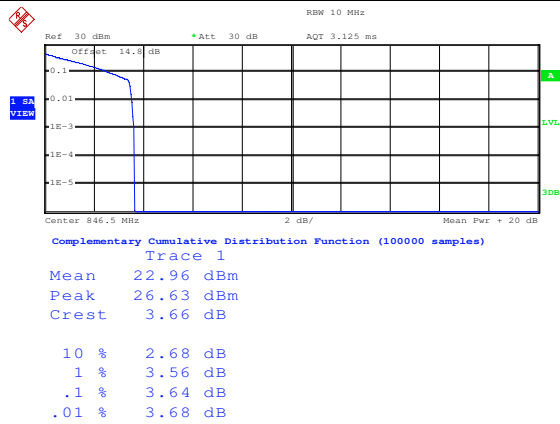
QPSK High channel-1 RB offset 0



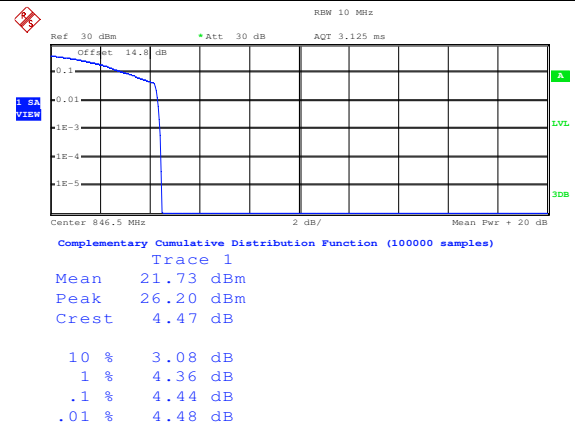
16QAM High channel-1 RB offset 0



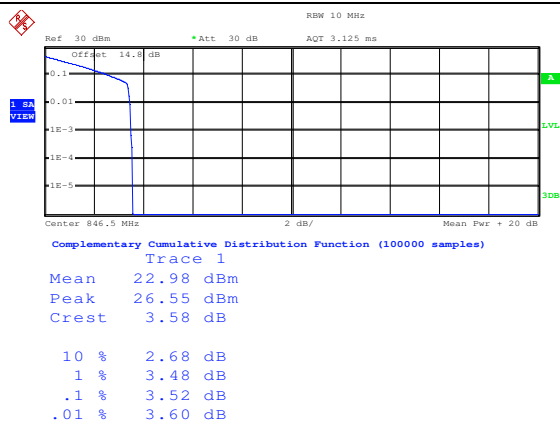
QPSK High channel-1 RB offset 12



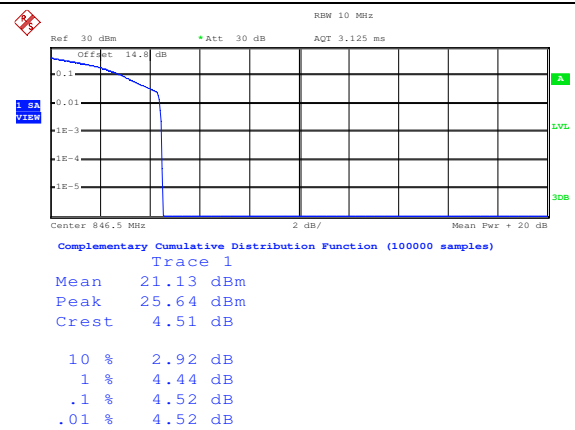
16QAM High channel-1 RB offset 12



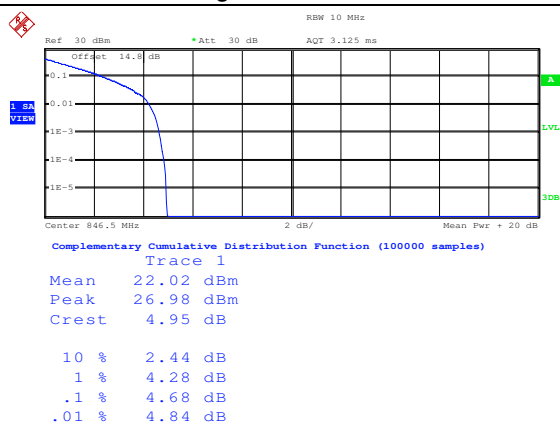
QPSK High channel-1 RB offset 24



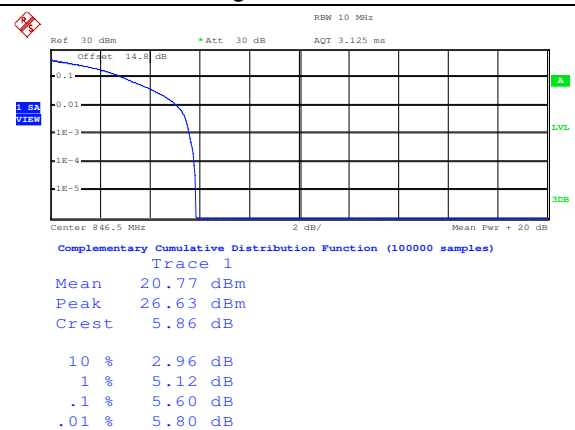
16QAM High channel-1 RB offset 24



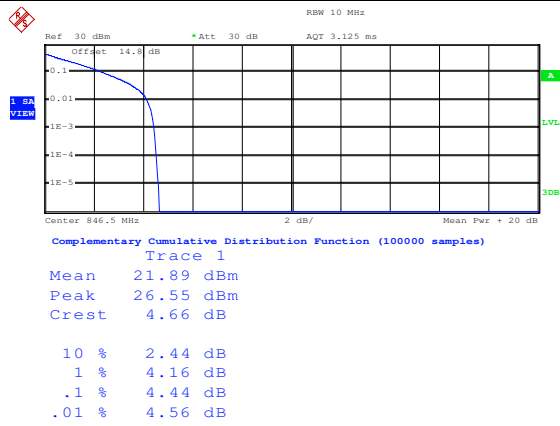
QPSK High channel-12 RB offset 0



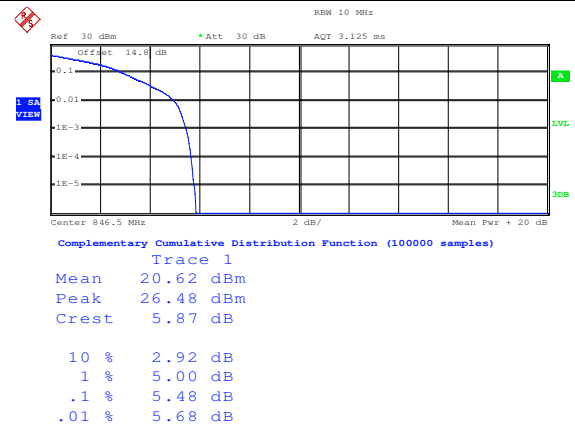
16QAM High channel-12 RB offset 0



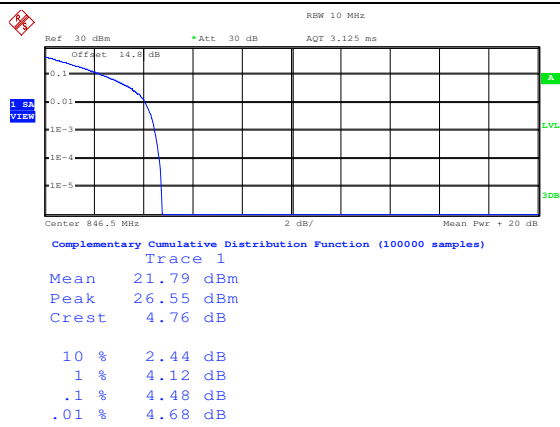
QPSK High channel-12 RB offset 7



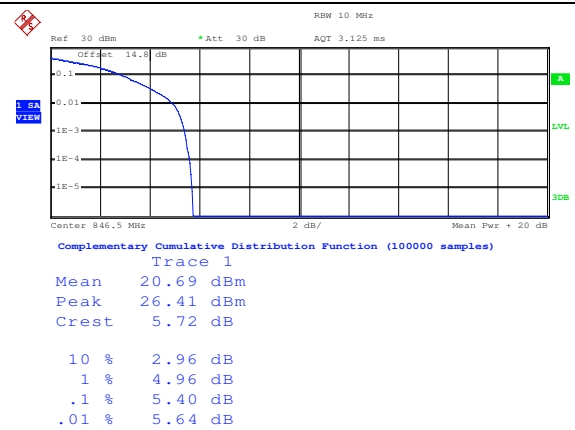
16QAM High channel-12 RB offset 7



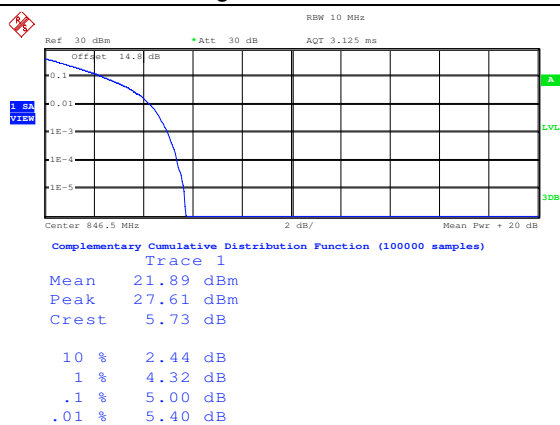
QPSK High channel-12 RB offset 13



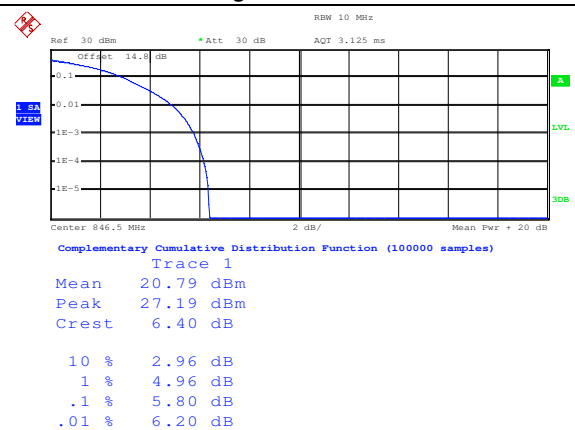
16QAM High channel-12 RB offset 13



QPSK High channel-25 RB offset 0

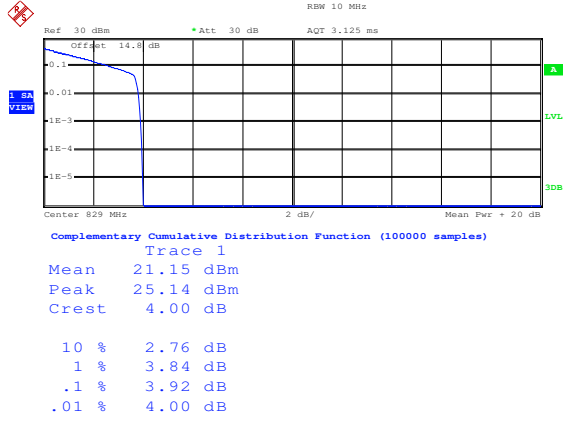


16QAM High channel-25 RB offset 0

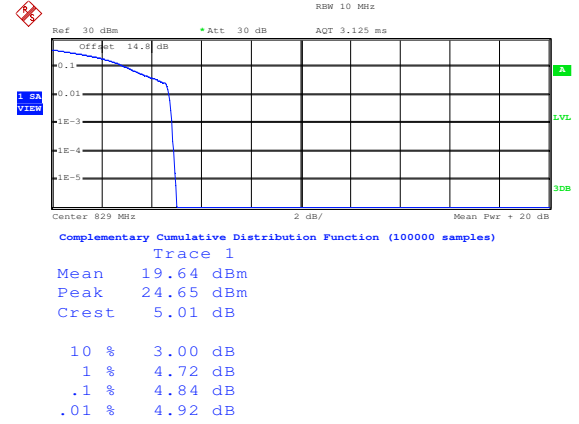


LTE FDD Band 5, Nominal Bandwidth: 10MHz

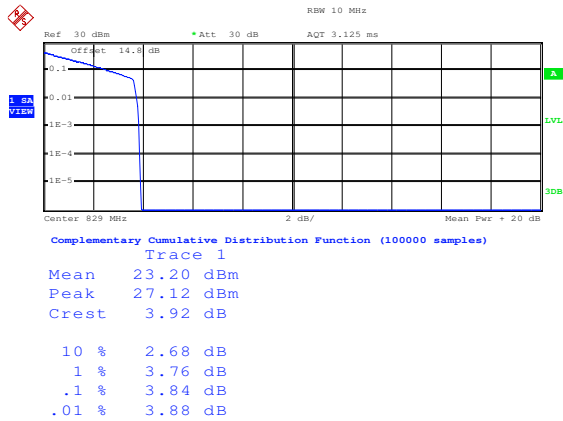
QPSK Low channel-1 RB offset 0



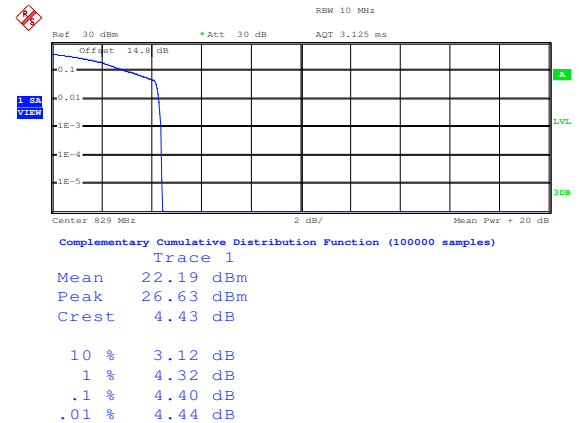
16QAM Low channel-1 RB offset 0



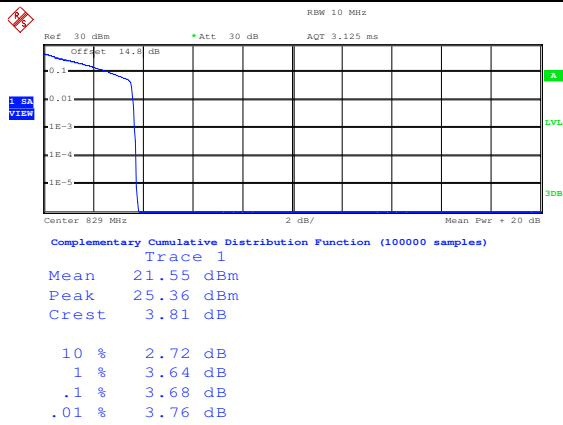
QPSK Low channel-1 RB offset 25



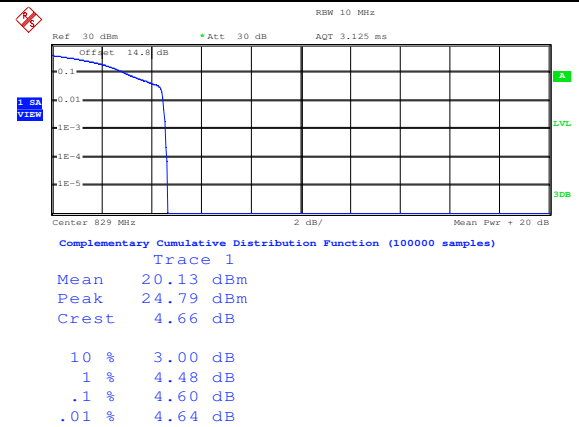
16QAM Low channel-1 RB offset 25

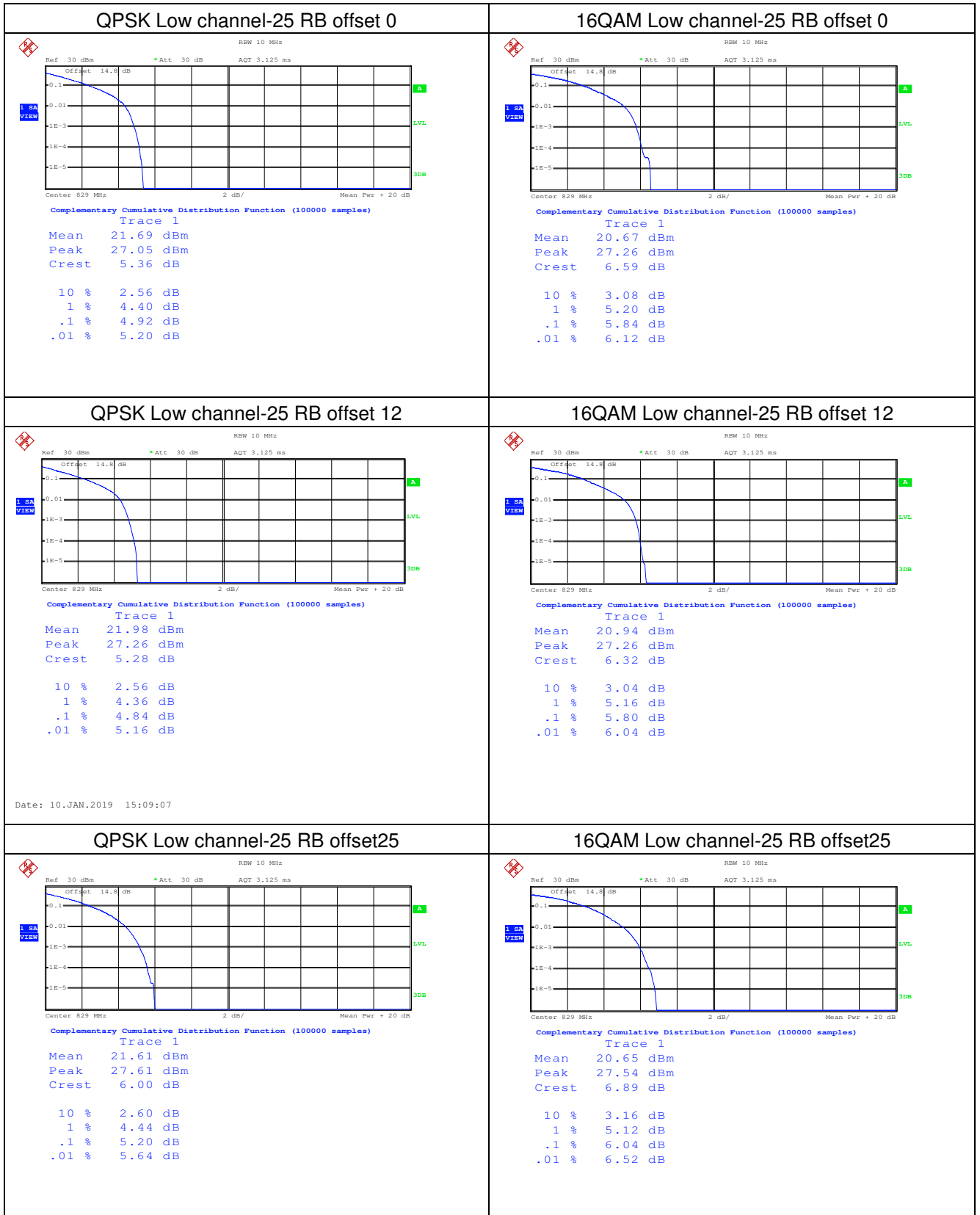


QPSK Low channel-1 RB offset 49



16QAM Low channel-1 RB offset 49





The screenshot shows a spectrum analyzer interface. At the top, there are two red square icons with white symbols. The main display area is a grid with a blue trace. The trace starts at a high level (around 0.1 dB) and drops sharply to a lower level (around 1E-5 dB) at a frequency of approximately 829 MHz. The x-axis is labeled 'Center 829 MHz' and '2 dB/'. The y-axis is labeled 'dB' and 'View'. The top of the screen shows 'Ref 30 dBm', 'Att 30 dB', and 'RBW 10 MHz'. The bottom of the screen shows 'Mean Pwr + 20 dB'.

Ref 30 dBm Att 30 dB RBW 10 MHz

Offset 14.0 dB AQT 3.125 ms

dB View

Center 829 MHz 2 dB/ Mean Pwr + 20 dB

Complementary Cumulative Distribution Function (100000 samples)

Trace 1	
Mean	21.68 dBm
Peak	28.11 dBm
Crest	6.43 dB
10 %	2.76 dB
1 %	4.56 dB
.1 %	5.44 dB
.01 %	5.96 dB

Ref 30 dBm • Att 30 dB RBW 10 MHz AGT 3.125 ms

30 dB

3 dB

Mean Pwr + 20 dB

Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean 20.64 dBm

Peak 27.97 dBm

Crest 7.32 dB

10 % 3.16 dB

1 % 5.20 dB

.1 % 6.24 dB

.01 % 6.92 dB

Ref 30 dBm Att 30 dB AGT 3.125 ms

Center 836.5 MHz 2 dB/ Mean Fwr - 20 dB

Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Parameter	Value
Mean	21.36 dBm
Peak	25.21 dBm
Crest	3.85 dB

Level	Value
10 %	2.84 dB
1 %	3.68 dB
.1 %	3.80 dB
.01 %	3.84 dB

Ref 30 dBm Offset 14.8 dB Att 30 dB AGT 3.125 ms

Center 836.5 MHz 2 dB/ Mean Pwr + 20 dB

Complementary Cumulative Distribution Function (100000 samples)

Trace 1	
Mean	19.68 dBm
Peak	24.23 dBm
Crest	4.55 dB

10 %	3.12 dB
1 %	4.36 dB
.1 %	4.44 dB
.01 %	4.52 dB

Ref 30 dBm Att 30 dB AGT 3.125 ms

Offset 14.8 dB

1 SA
V15H

Center 336.5 MHz 2 dB/ Mean Pwr + 20 dB

Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean	23.17 dBm
Peak	26.70 dBm
Crest	3.52 dB

10 %	2.60 dB
1 %	3.40 dB
.1 %	3.48 dB
.01 %	3.48 dB

Offset 14.8 Att 30 dB RISW 10 MHz AQT 3.125 ms

Center 836.5 MHz 2 dB/ Mean Pwr + 20 dB

1.8A View

dB

0.1

-0.01

-1E-3

-1E-4

-1E-5

Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean 21.94 dBm

Peak 26.13 dBm

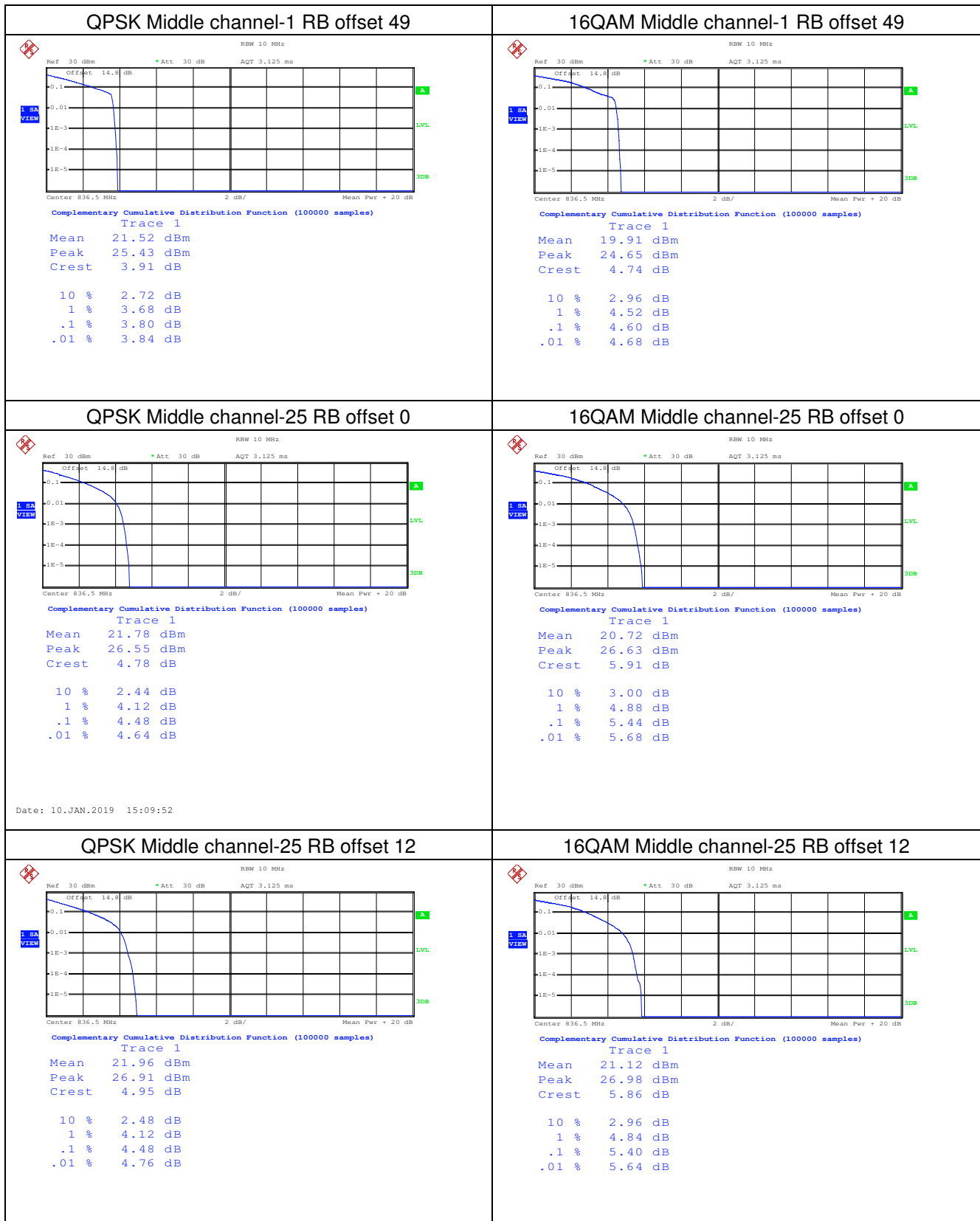
Crest 4.19 dB

10 % 2.88 dB

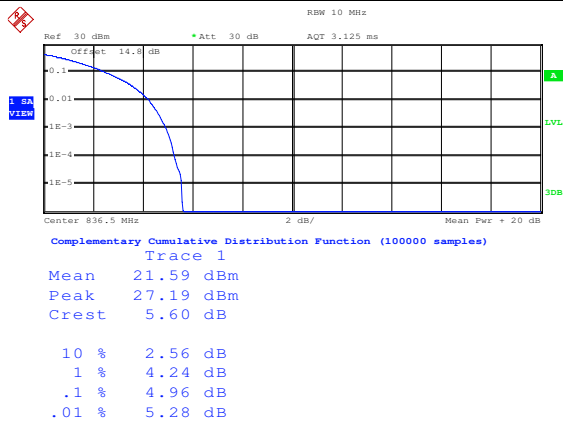
1 % 4.08 dB

.1 % 4.16 dB

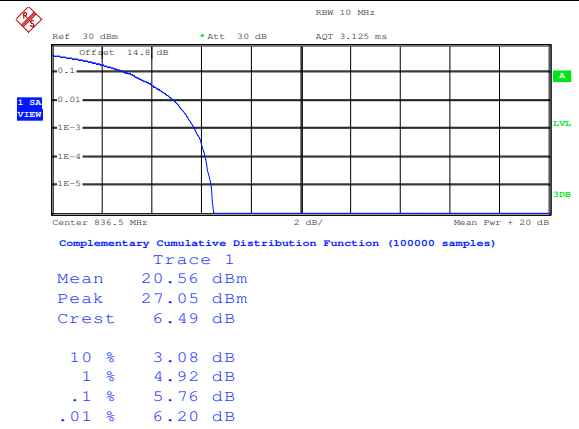
.01 % 4.20 dB



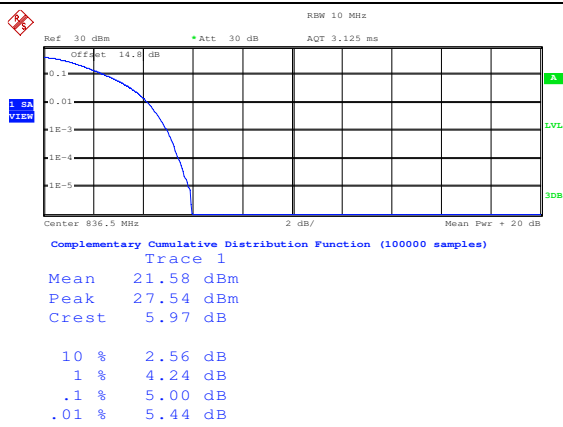
QPSK Middle channel-25 RB offset 25



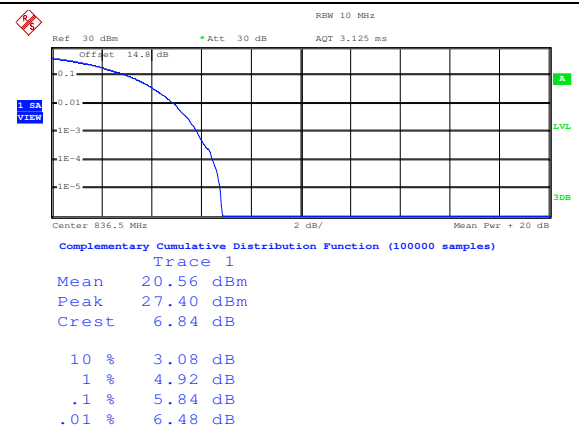
16QAM Middle channel-25 RB offset 25



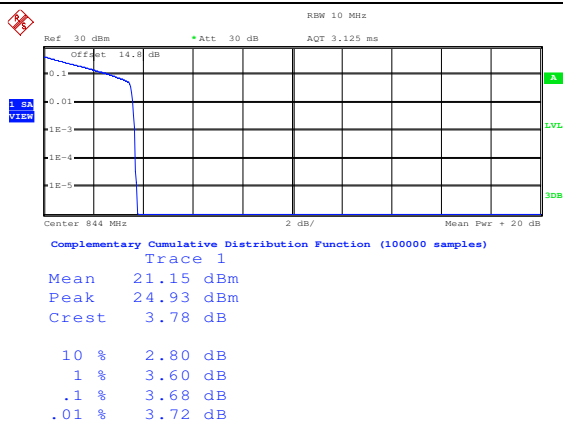
QPSK Middle channel-50 RB offset 0



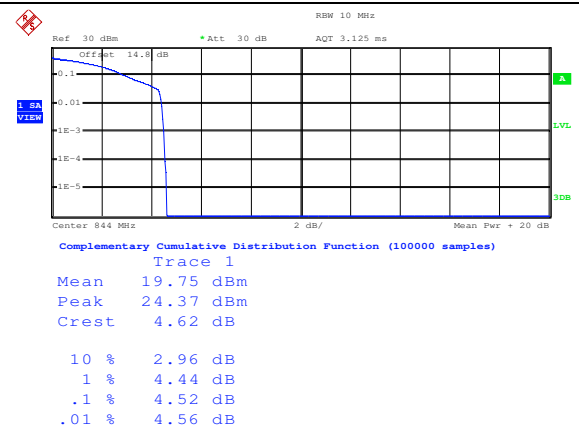
16QAM Middle channel-50 RB offset 0



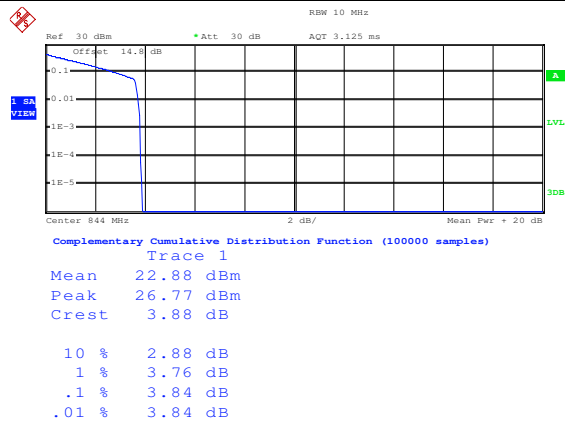
QPSK High channel-1 RB offset 0



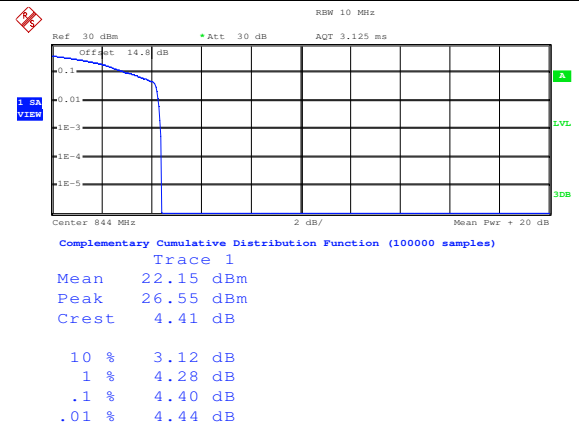
16QAM High channel-1 RB offset 0



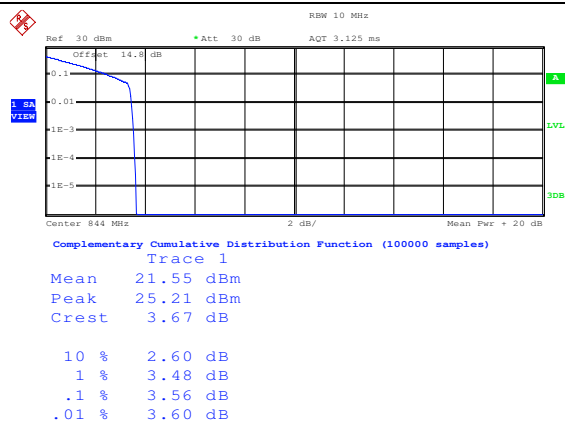
QPSK High channel-1 RB offset 25



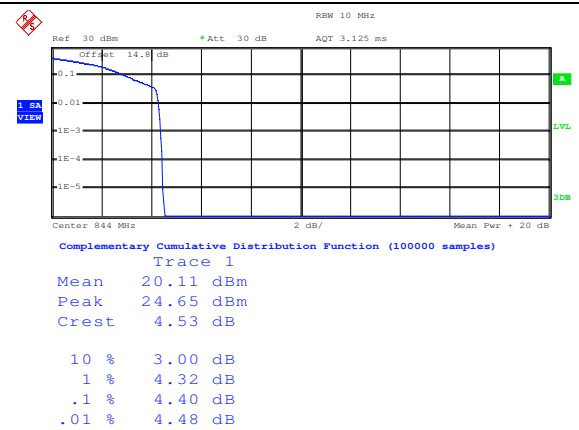
16QAM High channel-1 RB offset 25



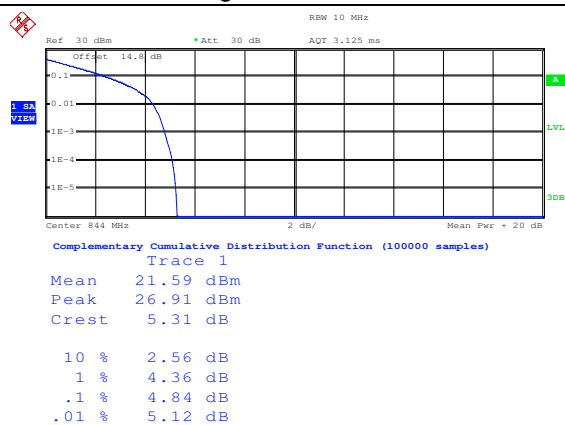
QPSK High channel-1 RB offset 49



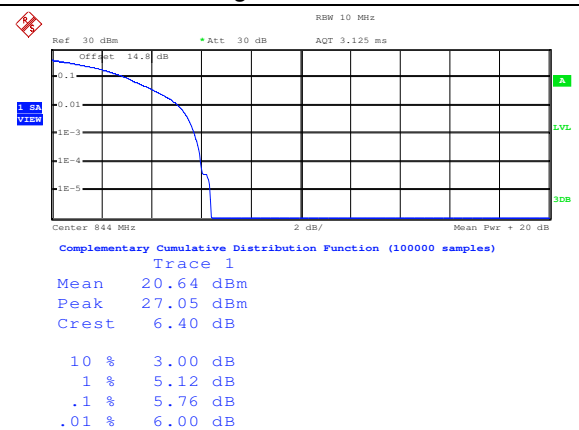
16QAM High channel-1 RB offset 49



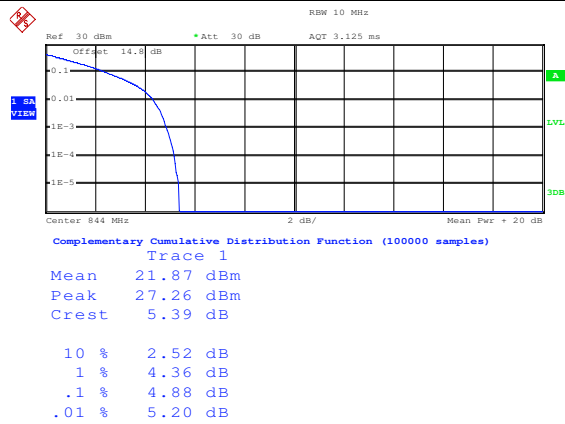
QPSK High channel-25 RB offset 0



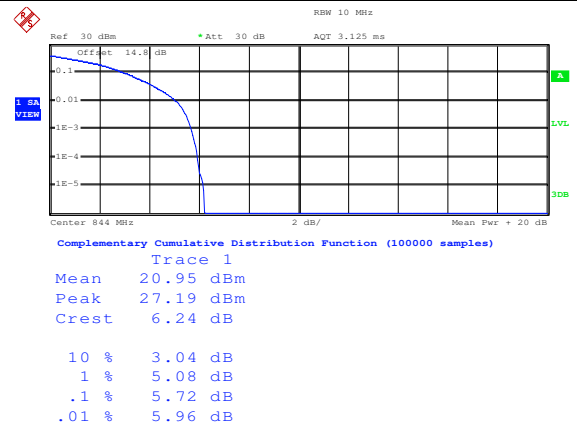
16QAM High channel-25 RB offset 0



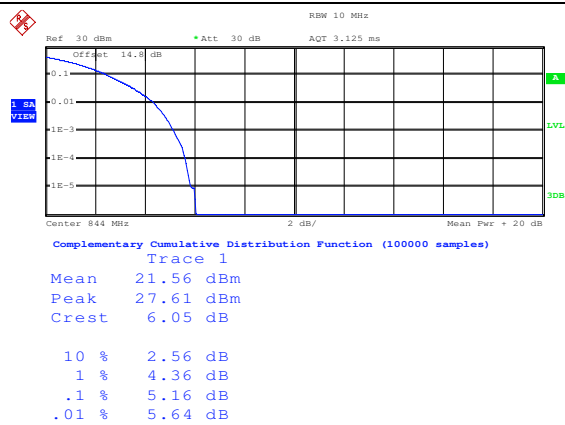
QPSK High channel-25 RB offset 12



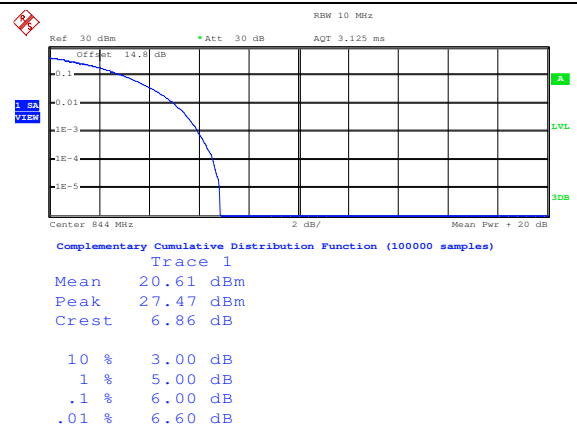
16QAM High channel-25 RB offset 12



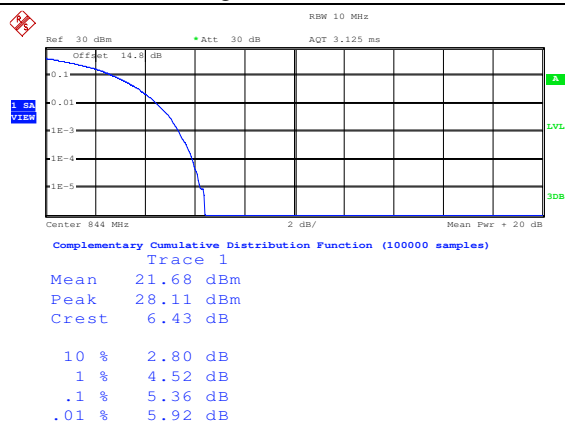
QPSK High channel-25 RB offset 25



16QAM High channel-25 RB offset 25



QPSK High channel-50 RB offset 0



16QAM High channel-50 RB offset 0

