

LTE FDD Band 2, Nominal Bandwidth: 1.4MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.80	13	Pass
		1	3	5.00	13	Pass
		1	5	5.04	13	Pass
		3	0	5.40	13	Pass
		3	1	5.36	13	Pass
		3	3	5.24	13	Pass
		6	0	5.88	13	Pass
	MCH	1	0	5.88	13	Pass
		1	3	5.20	13	Pass
		1	5	5.20	13	Pass
		3	0	5.56	13	Pass
		3	1	5.56	13	Pass
		3	3	5.44	13	Pass
		6	0	5.92	13	Pass
	HCH	1	0	5.52	13	Pass
		1	3	4.60	13	Pass
		1	5	4.52	13	Pass
		3	0	4.80	13	Pass
		3	1	4.84	13	Pass
		3	3	4.84	13	Pass
		6	0	5.48	13	Pass
16QAM	LCH	1	0	6.04	13	Pass
		1	3	6.12	13	Pass
		1	5	6.16	13	Pass
		3	0	6.16	13	Pass
		3	1	6.28	13	Pass
		3	3	5.96	13	Pass
		6	0	6.48	13	Pass
	MCH	1	0	6.16	13	Pass
		1	3	6.36	13	Pass
		1	5	6.32	13	Pass
		3	0	6.48	13	Pass
		3	1	6.64	13	Pass
		3	3	6.64	13	Pass
		6	0	6.64	13	Pass
	HCH	1	0	5.60	13	Pass
		1	3	5.72	13	Pass
		1	5	5.64	13	Pass
		3	0	5.68	13	Pass
		3	1	5.84	13	Pass
		3	3	5.84	13	Pass
		6	0	6.32	13	Pass

LTE FDD Band 2, Nominal Bandwidth: 3.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.68	13	Pass
		1	8	4.88	13	Pass
		1	14	4.80	13	Pass
		8	0	5.72	13	Pass
		8	4	5.64	13	Pass
		8	7	5.56	13	Pass
		15	0	5.60	13	Pass
	MCH	1	0	5.84	13	Pass
		1	8	5.24	13	Pass
		1	14	5.24	13	Pass
		8	0	5.84	13	Pass
		8	4	5.76	13	Pass
		8	7	5.96	13	Pass
		15	0	5.84	13	Pass
	HCH	1	0	5.36	13	Pass
		1	8	4.60	13	Pass
		1	14	4.48	13	Pass
		8	0	5.48	13	Pass
		8	4	5.48	13	Pass
		8	7	5.28	13	Pass
		15	0	5.48	13	Pass
16QAM	LCH	1	0	6.16	13	Pass
		1	8	6.24	13	Pass
		1	14	6.00	13	Pass
		8	0	6.44	13	Pass
		8	4	6.36	13	Pass
		8	7	6.28	13	Pass
		15	0	6.32	13	Pass
	MCH	1	0	6.36	13	Pass
		1	8	6.52	13	Pass
		1	14	6.28	13	Pass
		8	0	6.64	13	Pass
		8	4	6.60	13	Pass
		8	7	6.32	13	Pass
		15	0	6.56	13	Pass
	HCH	1	0	5.72	13	Pass
		1	8	5.64	13	Pass
		1	14	5.68	13	Pass
		8	0	6.28	13	Pass
		8	4	6.32	13	Pass
		8	7	6.20	13	Pass
		15	0	6.36	13	Pass

LTE FDD Band 2, Nominal Bandwidth: 5.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.72	13	Pass
		1	12	4.96	13	Pass
		1	24	4.80	13	Pass
		12	0	5.64	13	Pass
		12	7	5.56	13	Pass
		12	13	5.56	13	Pass
		25	0	5.68	13	Pass
	MCH	1	0	5.76	13	Pass
		1	12	5.24	13	Pass
		1	24	5.28	13	Pass
		12	0	5.84	13	Pass
		12	7	5.84	13	Pass
		12	13	5.84	13	Pass
		25	0	5.80	13	Pass
	HCH	1	0	5.56	13	Pass
		1	12	4.64	13	Pass
		1	24	4.60	13	Pass
		12	0	5.56	13	Pass
		12	7	5.52	13	Pass
		12	13	5.32	13	Pass
		25	0	5.64	13	Pass
16QAM	LCH	1	0	6.28	13	Pass
		1	12	5.88	13	Pass
		1	24	6.08	13	Pass
		12	0	6.36	13	Pass
		12	7	6.16	13	Pass
		12	13	6.32	13	Pass
		25	0	6.28	13	Pass
	MCH	1	0	6.48	13	Pass
		1	12	6.56	13	Pass
		1	24	6.08	13	Pass
		12	0	6.60	13	Pass
		12	7	6.60	13	Pass
		12	13	6.72	13	Pass
		25	0	6.56	13	Pass
	HCH	1	0	5.92	13	Pass
		1	12	5.92	13	Pass
		1	24	5.68	13	Pass
		12	0	6.40	13	Pass
		12	7	6.32	13	Pass
		12	13	6.24	13	Pass
		25	0	6.28	13	Pass

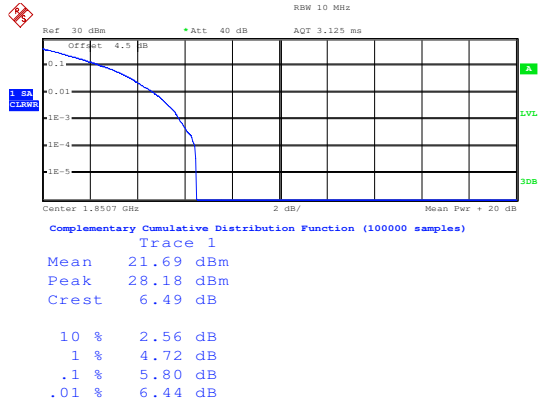
LTE FDD Band 2, Nominal Bandwidth: 10.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.48	13	Pass
		1	25	4.84	13	Pass
		1	49	4.56	13	Pass
		25	0	5.52	13	Pass
		25	12	5.64	13	Pass
		25	25	5.64	13	Pass
		50	0	5.64	13	Pass
	MCH	1	0	5.76	13	Pass
		1	25	5.28	13	Pass
		1	49	5.12	13	Pass
		25	0	5.84	13	Pass
		25	12	5.92	13	Pass
		25	25	5.76	13	Pass
		50	0	5.68	13	Pass
	HCH	1	0	5.60	13	Pass
		1	25	4.80	13	Pass
		1	49	4.56	13	Pass
		25	0	5.56	13	Pass
		25	12	5.68	13	Pass
		25	25	5.68	13	Pass
		50	0	5.64	13	Pass
16QAM	LCH	1	0	6.20	13	Pass
		1	25	5.96	13	Pass
		1	49	6.08	13	Pass
		25	0	6.32	13	Pass
		25	12	6.36	13	Pass
		25	25	6.36	13	Pass
		50	0	6.36	13	Pass
	MCH	1	0	6.40	13	Pass
		1	25	6.08	13	Pass
		1	49	6.24	13	Pass
		25	0	6.40	13	Pass
		25	12	6.52	13	Pass
		25	25	6.44	13	Pass
		50	0	6.52	13	Pass
	HCH	1	0	5.68	13	Pass
		1	25	5.68	13	Pass
		1	49	5.52	13	Pass
		25	0	6.28	13	Pass
		25	12	6.48	13	Pass
		25	25	6.44	13	Pass
		50	0	6.48	13	Pass

LTE FDD Band 2, Nominal Bandwidth: 15.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.60	13	Pass
		1	37	4.68	13	Pass
		1	74	5.96	13	Pass
		36	0	5.12	13	Pass
		36	20	5.72	13	Pass
		36	39	5.88	13	Pass
		75	0	5.72	13	Pass
	MCH	1	0	5.80	13	Pass
		1	37	5.24	13	Pass
		1	74	6.04	13	Pass
		36	0	5.24	13	Pass
		36	20	5.92	13	Pass
		36	39	5.76	13	Pass
		75	0	5.76	13	Pass
	HCH	1	0	5.60	13	Pass
		1	37	4.68	13	Pass
		1	74	6.16	13	Pass
		36	0	5.04	13	Pass
		36	20	5.80	13	Pass
		36	39	5.92	13	Pass
		75	0	5.68	13	Pass
16QAM	LCH	1	0	3.40	13	Pass
		1	37	5.92	13	Pass
		1	74	6.00	13	Pass
		36	0	6.28	13	Pass
		36	20	6.28	13	Pass
		36	39	6.68	13	Pass
		75	0	6.72	13	Pass
	MCH	1	0	3.44	13	Pass
		1	37	6.60	13	Pass
		1	74	6.52	13	Pass
		36	0	6.28	13	Pass
		36	20	6.56	13	Pass
		36	39	6.72	13	Pass
		75	0	6.84	13	Pass
	HCH	1	0	3.56	13	Pass
		1	37	5.84	13	Pass
		1	74	6.48	13	Pass
		36	0	6.24	13	Pass
		36	20	6.40	13	Pass
		36	39	6.80	13	Pass
		75	0	6.72	13	Pass

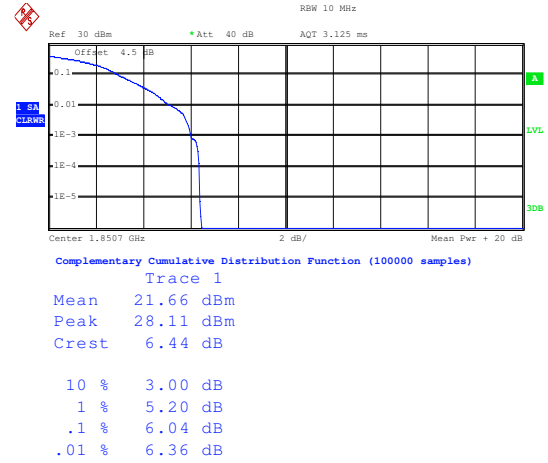
LTE FDD Band 2, Nominal Bandwidth: 20.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	6.32	13	Pass
		1	50	4.80	13	Pass
		1	99	2.60	13	Pass
		50	0	5.92	13	Pass
		50	25	5.52	13	Pass
		50	50	6.44	13	Pass
		100	0	6.40	13	Pass
	MCH	1	0	6.52	13	Pass
		1	50	5.32	13	Pass
		1	99	3.20	13	Pass
		50	0	5.92	13	Pass
		50	25	5.68	13	Pass
		50	50	6.48	13	Pass
		100	0	6.56	13	Pass
	HCH	1	0	6.32	13	Pass
		1	50	4.24	13	Pass
		1	99	2.88	13	Pass
		50	0	5.80	13	Pass
		50	25	5.44	13	Pass
		50	50	6.48	13	Pass
		100	0	6.24	13	Pass
16QAM	LCH	1	0	2.60	13	Pass
		1	50	5.80	13	Pass
		1	99	3.00	13	Pass
		50	0	6.80	13	Pass
		50	25	6.36	13	Pass
		50	50	7.04	13	Pass
		100	0	7.08	13	Pass
	MCH	1	0	2.76	13	Pass
		1	50	6.20	13	Pass
		1	99	3.20	13	Pass
		50	0	6.76	13	Pass
		50	25	6.48	13	Pass
		50	50	7.08	13	Pass
		100	0	7.20	13	Pass
	HCH	1	0	3.64	13	Pass
		1	50	5.40	13	Pass
		1	99	2.84	13	Pass
		50	0	6.68	13	Pass
		50	25	6.20	13	Pass
		50	50	7.04	13	Pass
		100	0	7.00	13	Pass

LTE FDD Band 2, Nominal Bandwidth: 1.4MHz

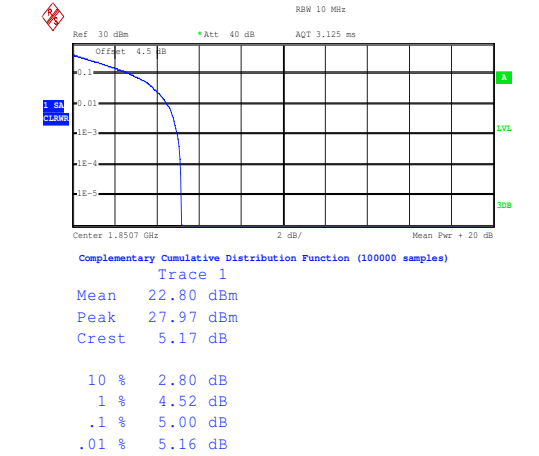
QPSK Low channel-1 RB offset 0



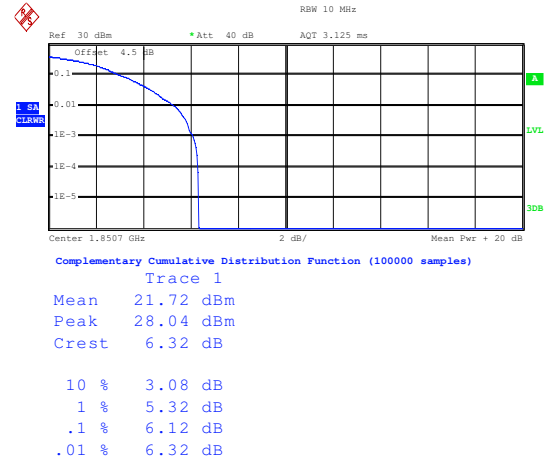
16QAM Low channel-1 RB offset 0



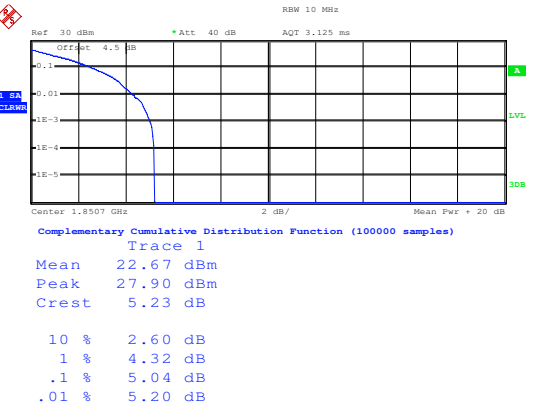
QPSK Low channel-1 RB offset 3



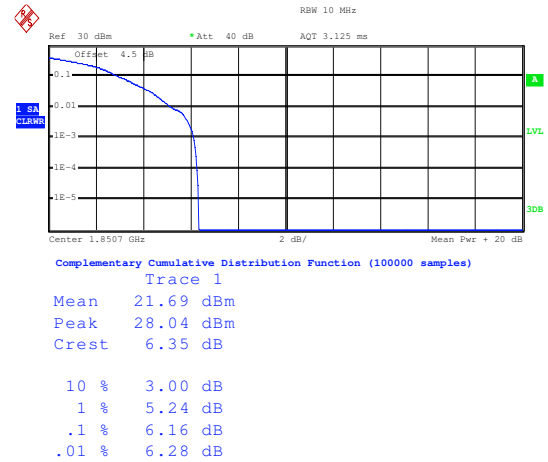
16QAM Low channel-1 RB offset 3



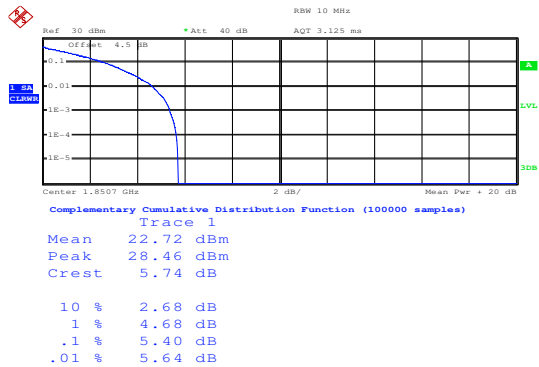
QPSK Low channel-1 RB offset 5



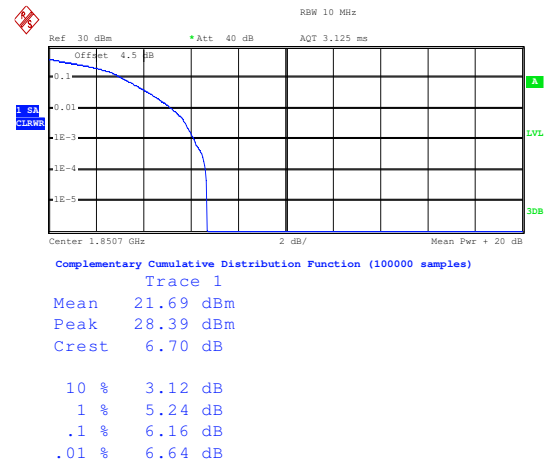
16QAM Low channel-1 RB offset 5

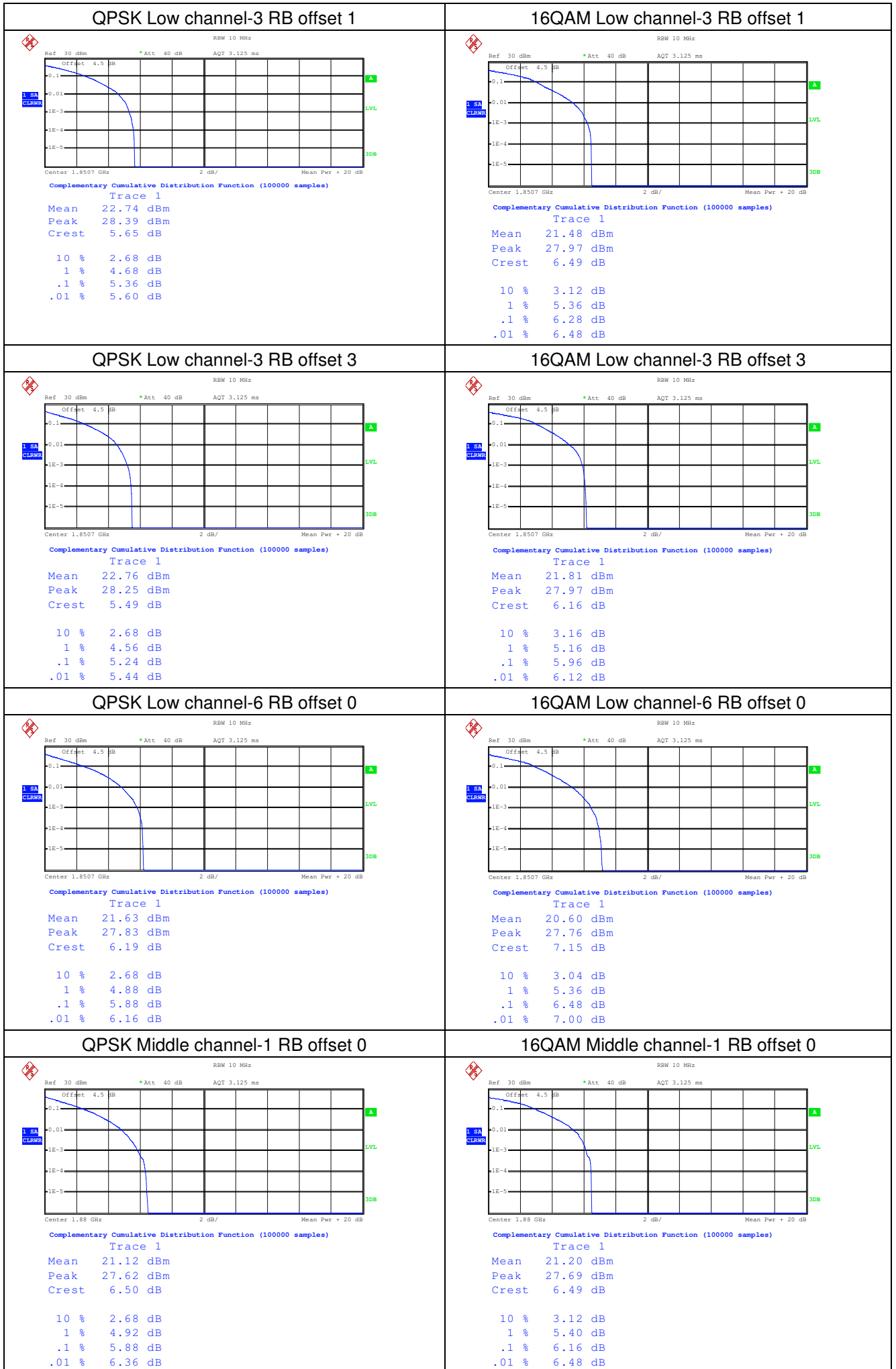


QPSK Low channel-3 RB offset 0

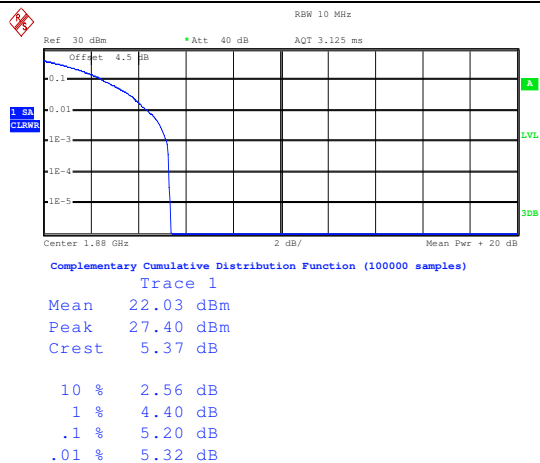


16QAM Low channel-3 RB offset 0

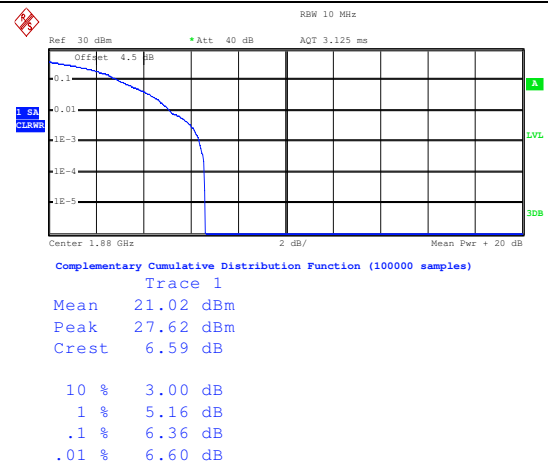




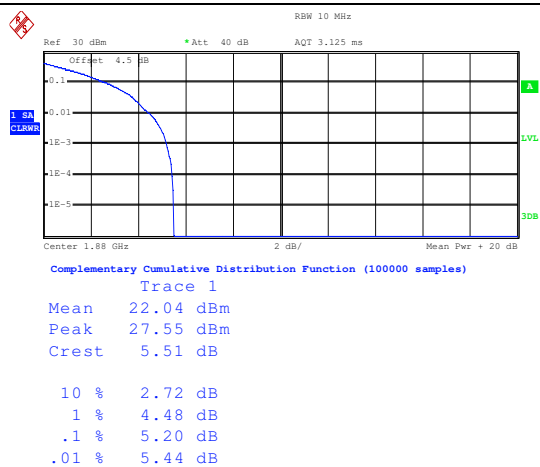
QPSK Middle channel-1 RB offset 3



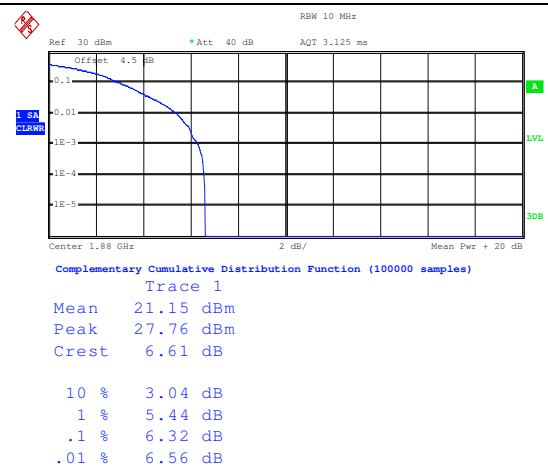
16QAM Middle channel-1 RB offset 3



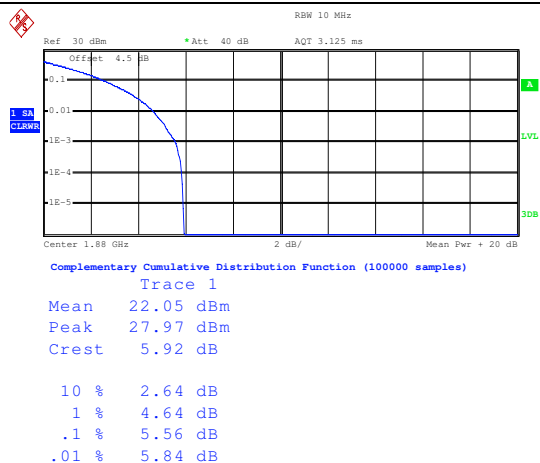
QPSK Middle channel-1 RB offset 5



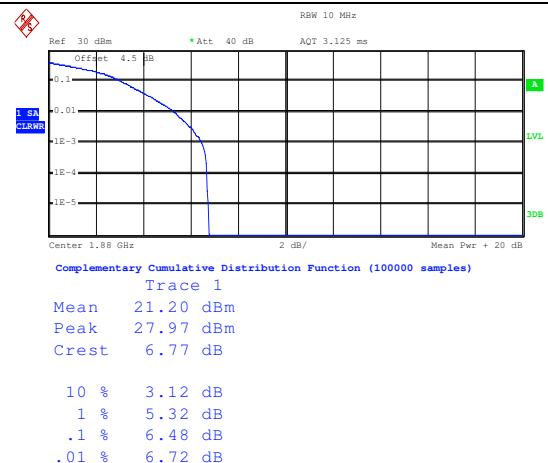
16QAM Middle channel-1 RB offset 5



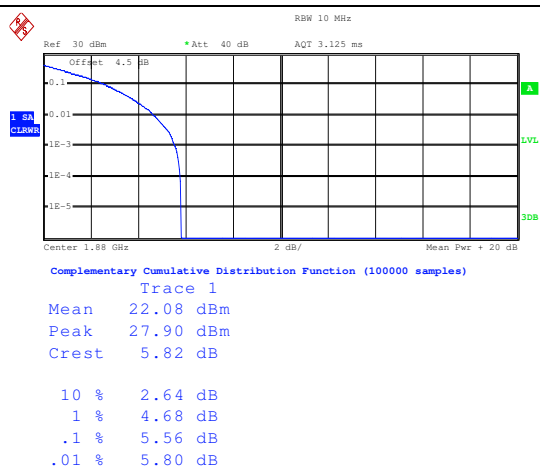
QPSK Middle channel-3 RB offset 0



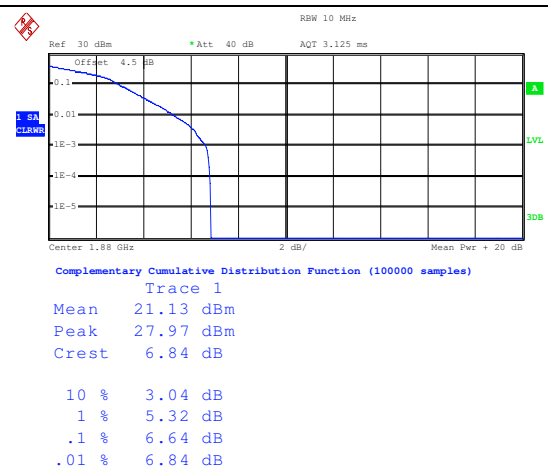
16QAM Middle channel-3 RB offset 0



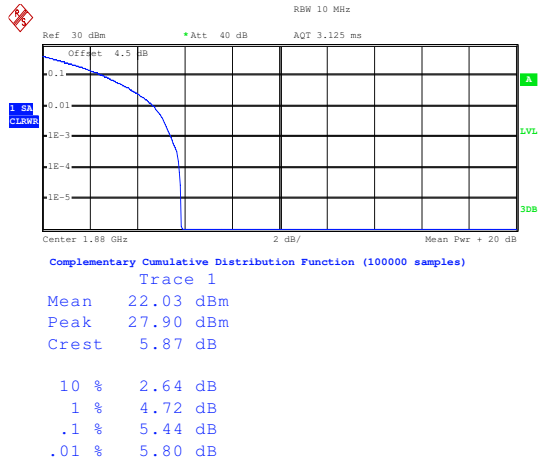
QPSK Middle channel-3 RB offset 1



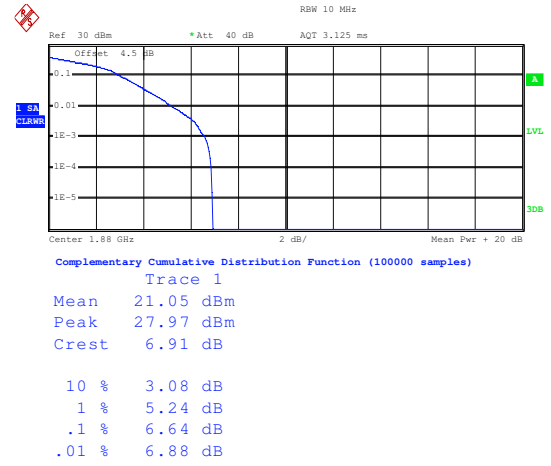
16QAM Middle channel-3 RB offset 1



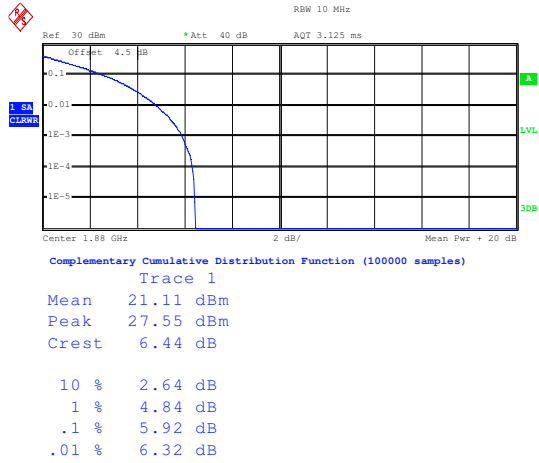
QPSK Middle channel-3 RB offset 3



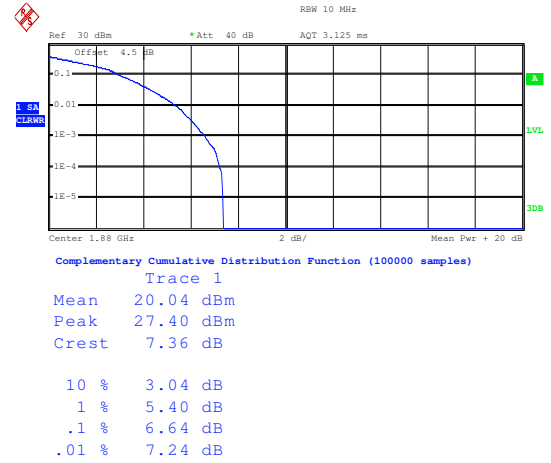
16QAM Middle channel-3 RB offset 3



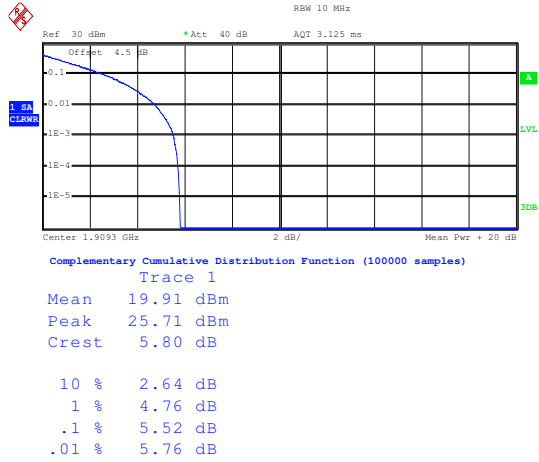
QPSK Middle channel-6 RB offset 0



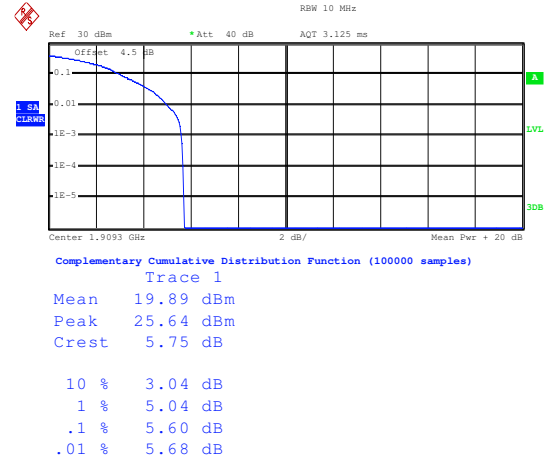
16QAM Middle channel-6 RB offset 0



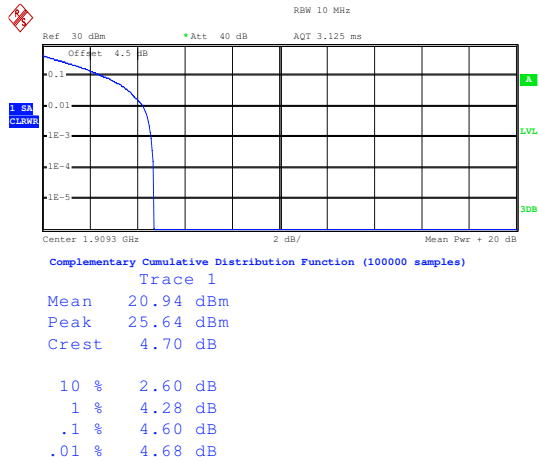
QPSK High channel-1 RB offset 0



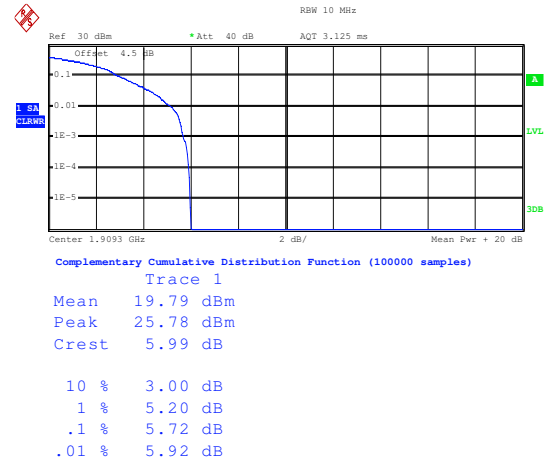
16QAM High channel-1 RB offset 0

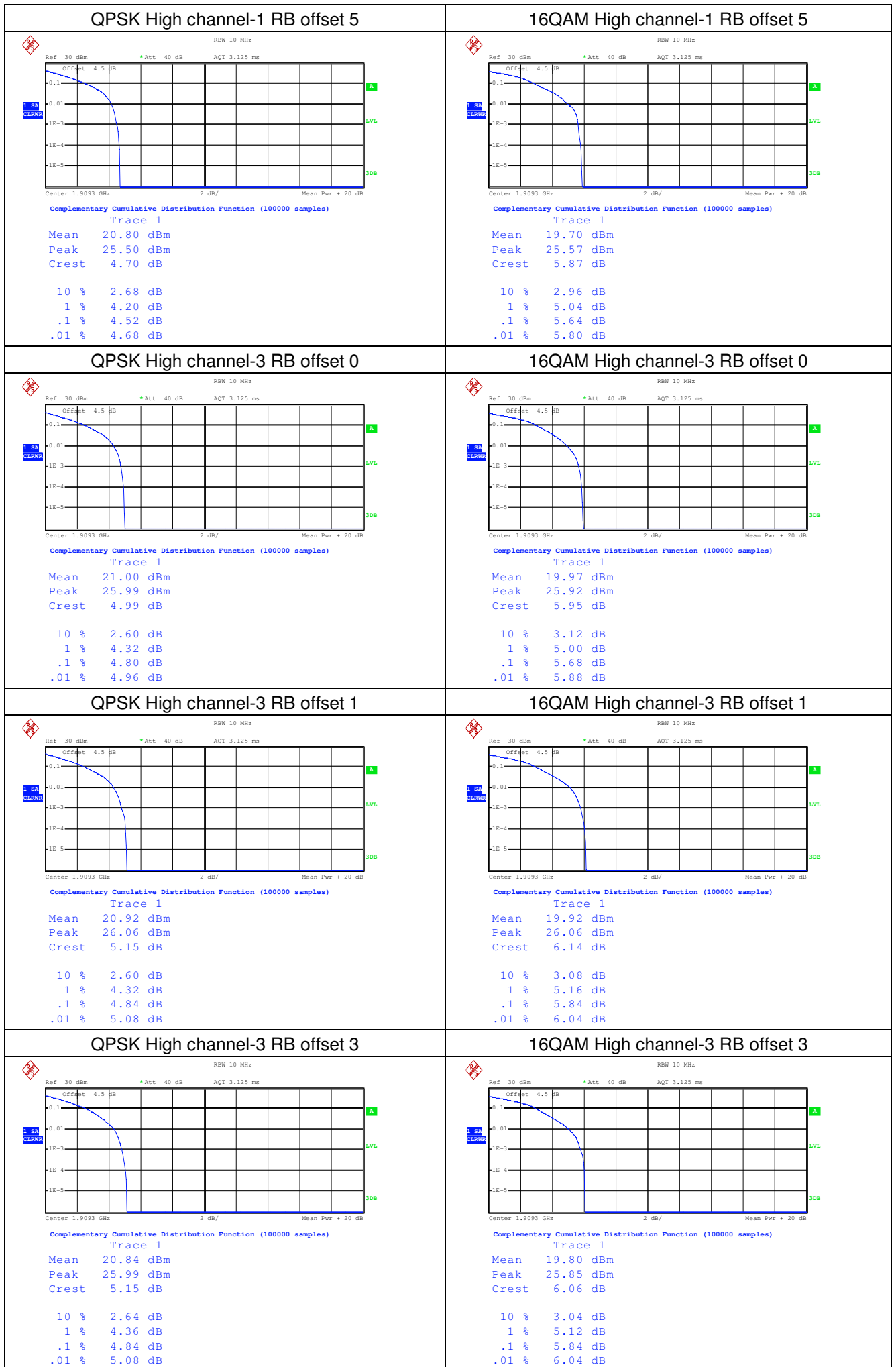


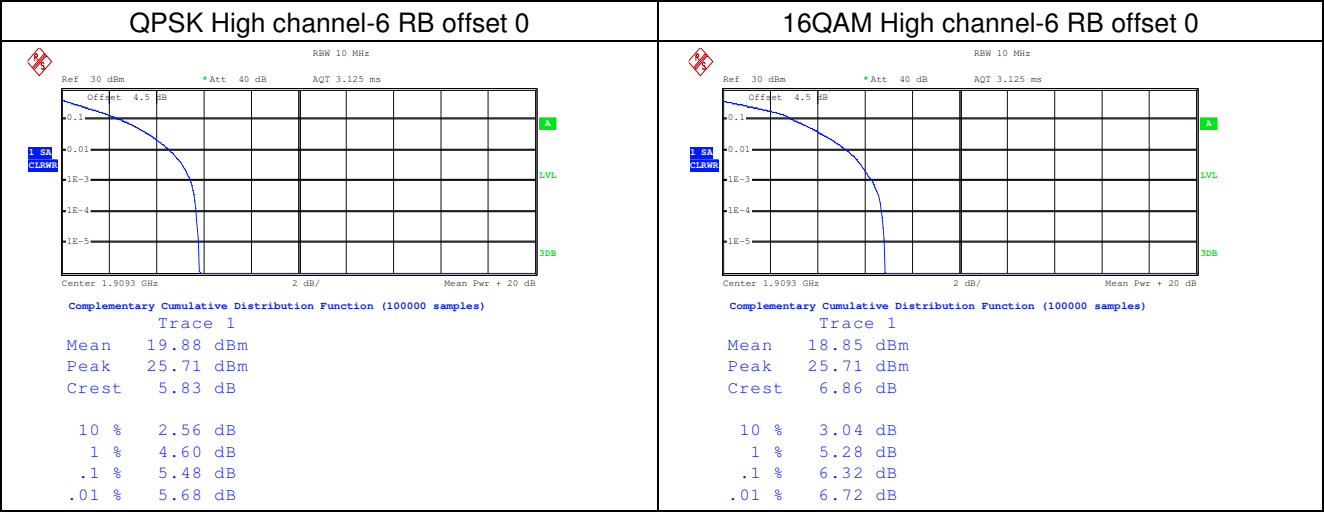
QPSK High channel-1 RB offset 3



16QAM High channel-1 RB offset 3

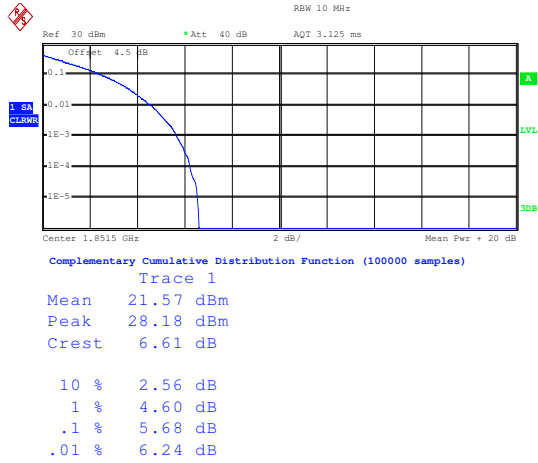




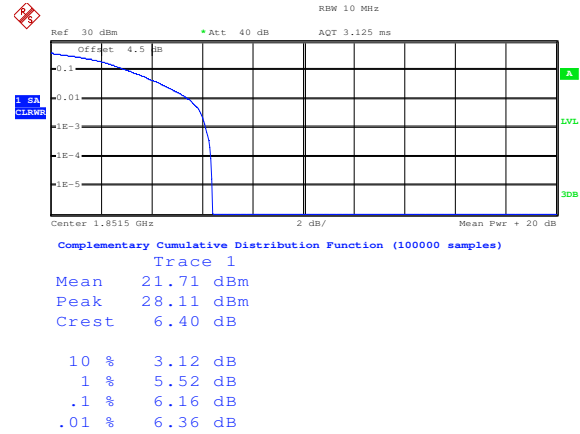


LTE FDD Band 2, Nominal Bandwidth: 3.0MHz

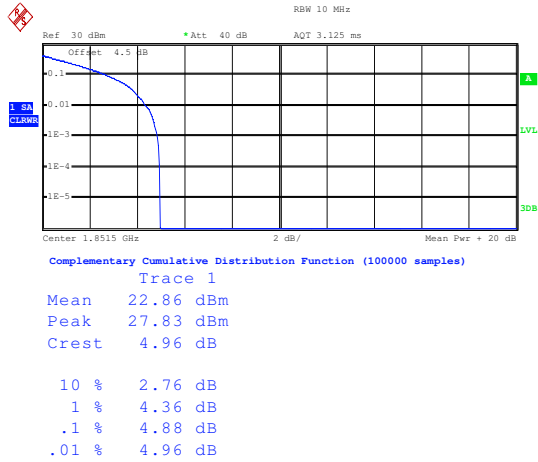
QPSK Low channel-1 RB offset 0



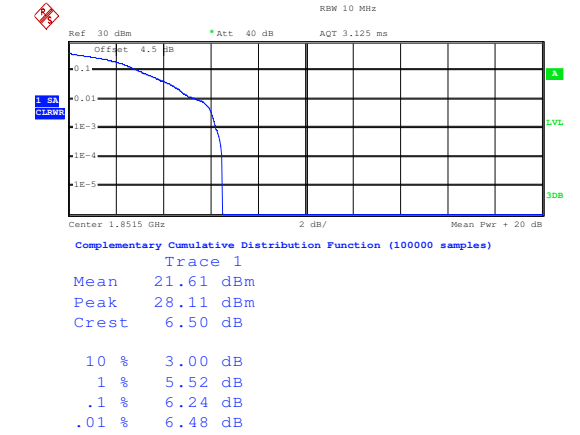
16QAM Low channel-1 RB offset 0



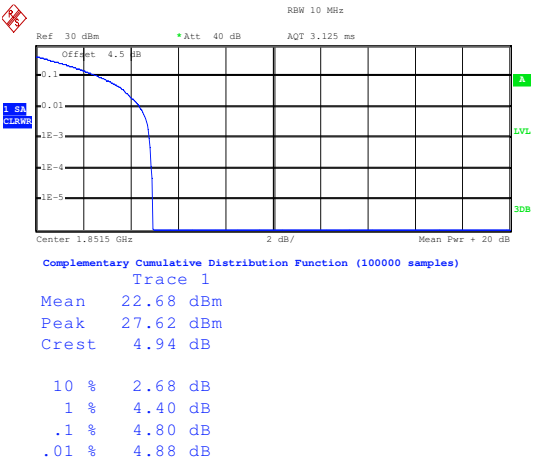
QPSK Low channel-1 RB offset 8



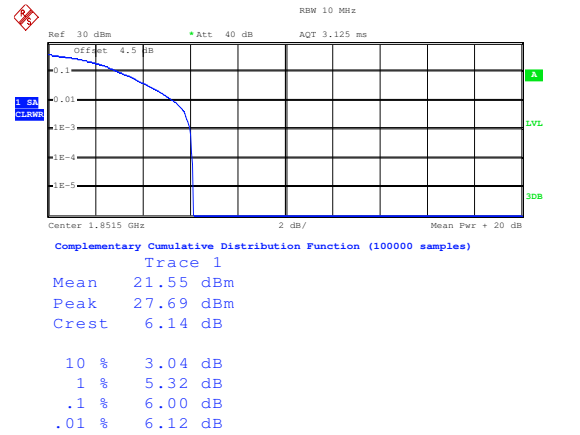
16QAM Low channel-1 RB offset 8



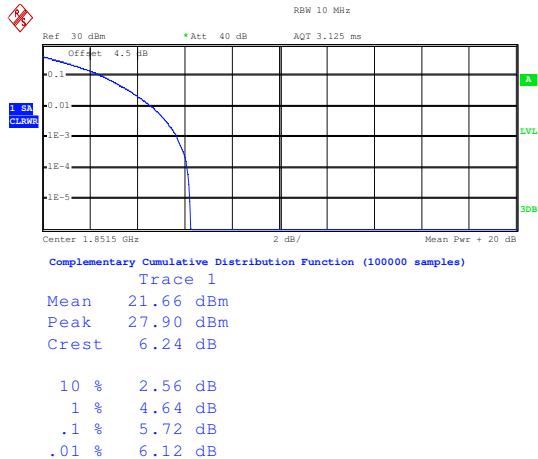
QPSK Low channel-1 RB offset 14



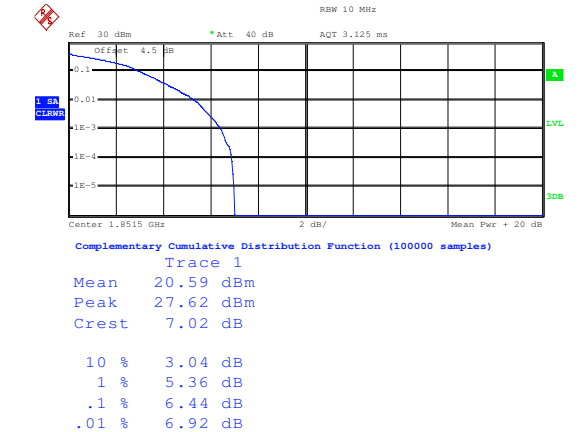
16QAM Low channel-1 RB offset 14

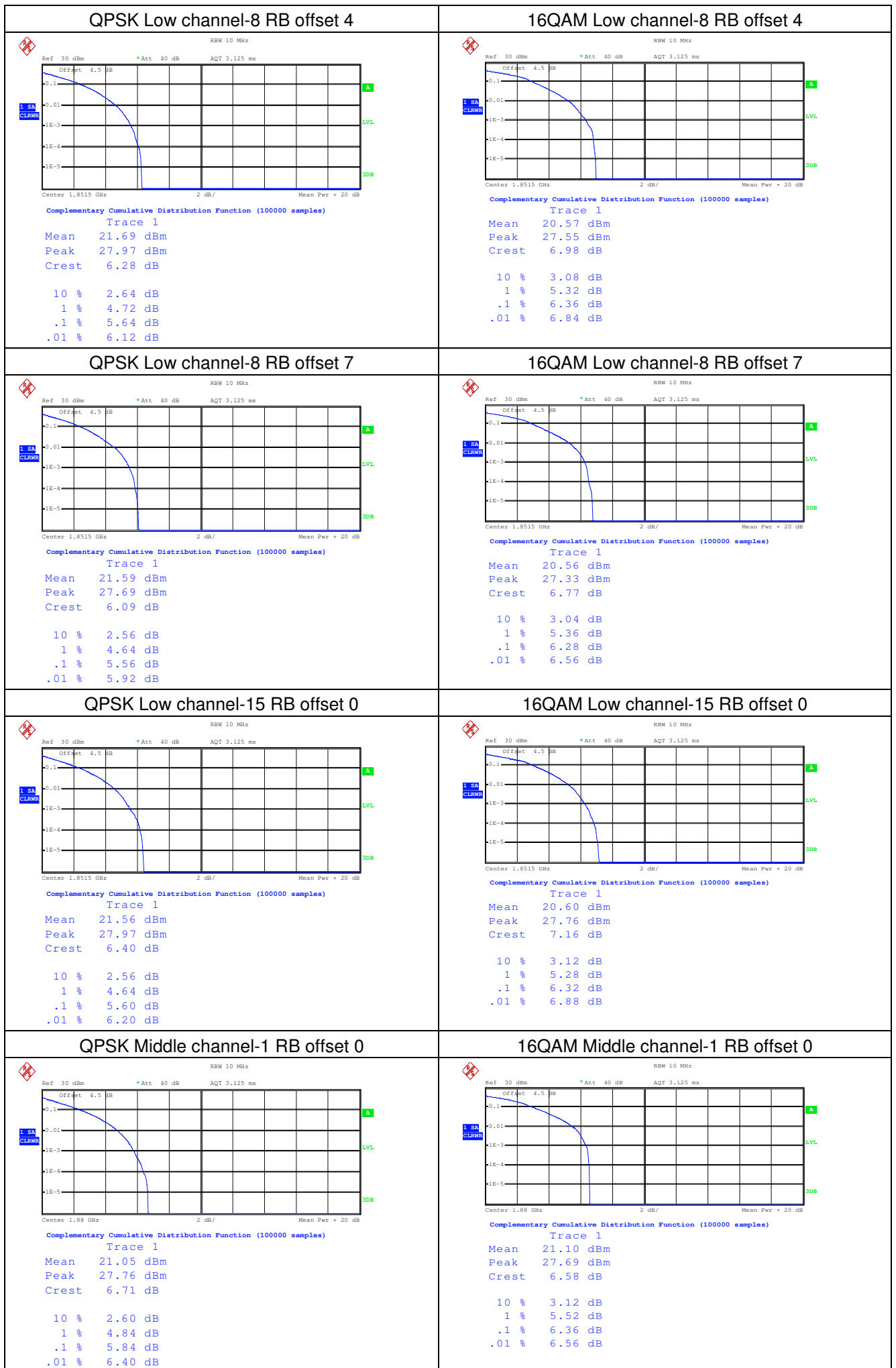


QPSK Low channel-8 RB offset 0



16QAM Low channel-8 RB offset 0





Ref 30 dBm

Offset 4.5 dB

Att 40 dB

AQT 3.125 ms

Plot showing Complementary Cumulative Distribution Function (100000 samples) for 16QAM Low channel-8 RB offset 4. The y-axis is logarithmic from 1E-5 to 0.1. The x-axis is linear from 0 to 20 dB. The curve shows a sharp drop at approximately 20 dB.

Trace 1

Mean 20.57 dBm

Peak 27.55 dBm

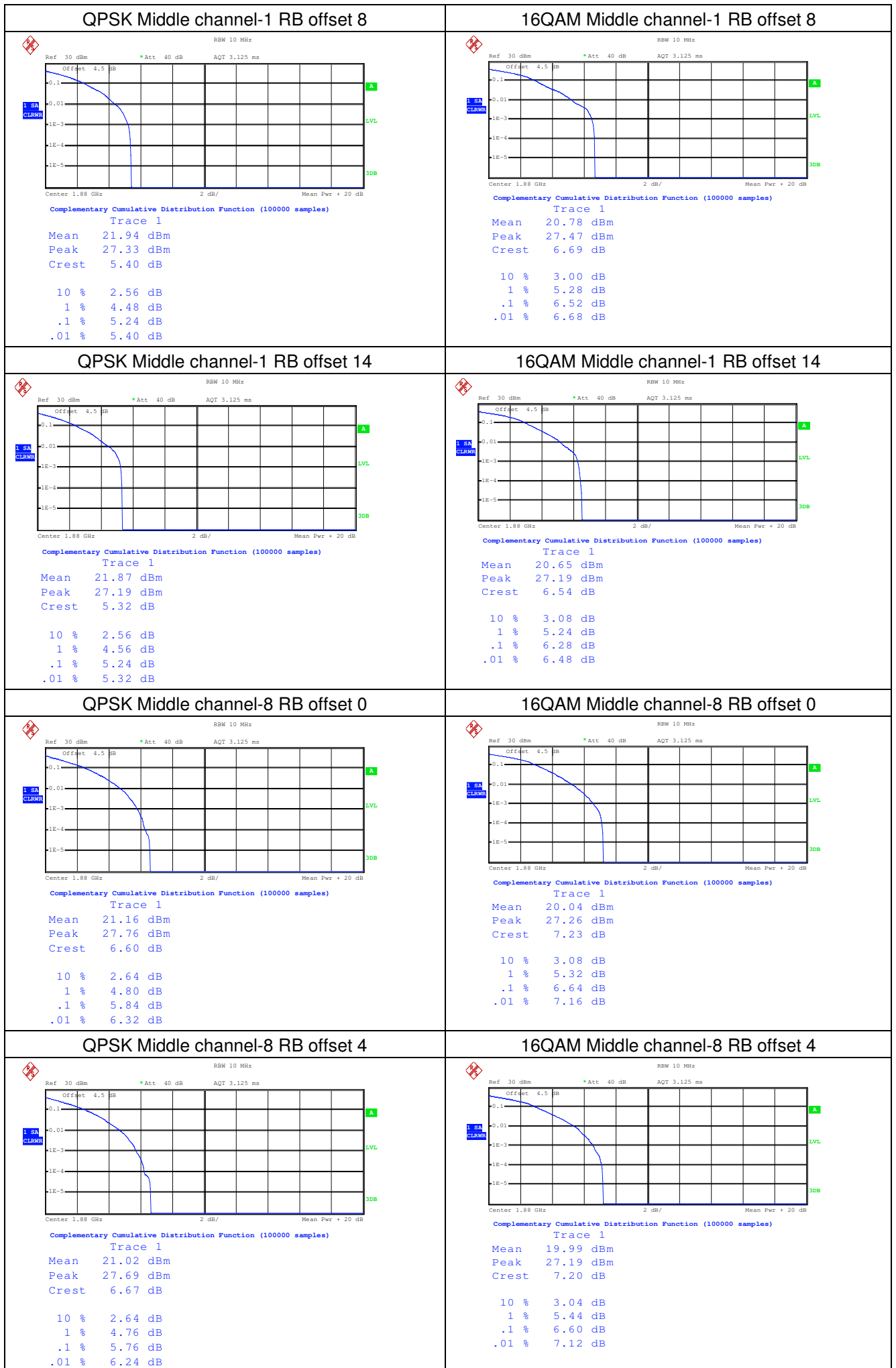
Crest 6.98 dB

10 % 3.08 dB

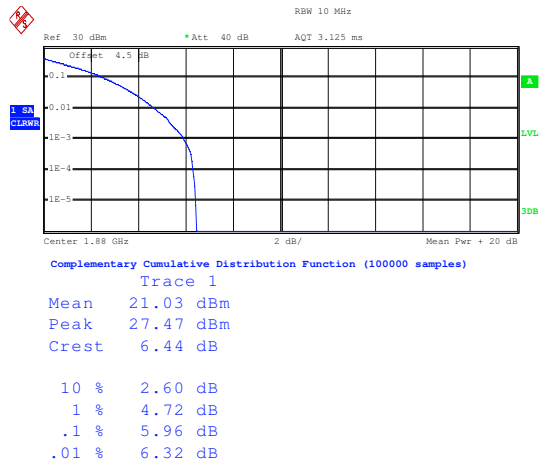
1 % 5.32 dB

.1 % 6.36 dB

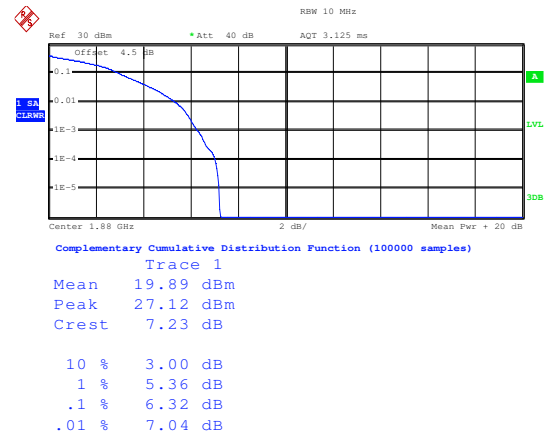
.01 % 6.84 dB



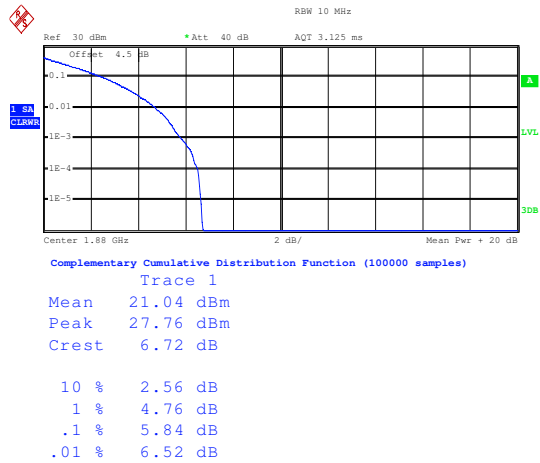
QPSK Middle channel-8 RB offset 7



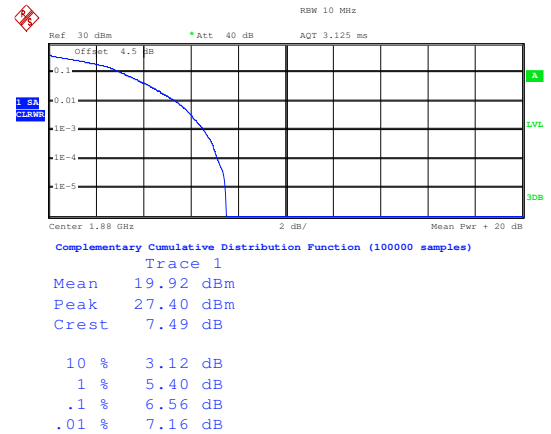
16QAM Middle channel-8 RB offset 7



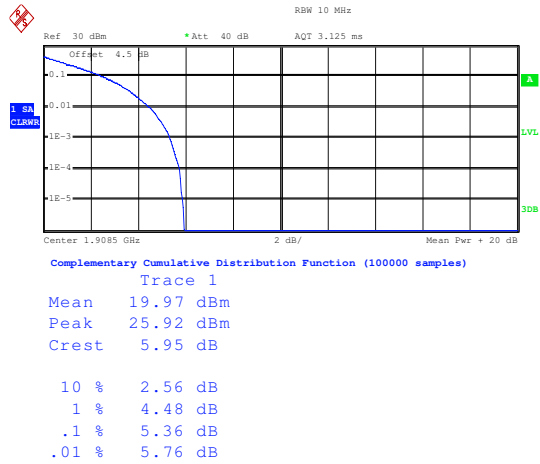
QPSK Middle channel-15 RB offset 0



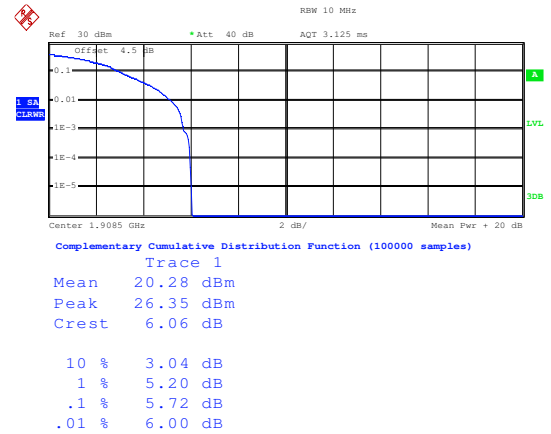
16QAM Middle channel-15 RB offset 0



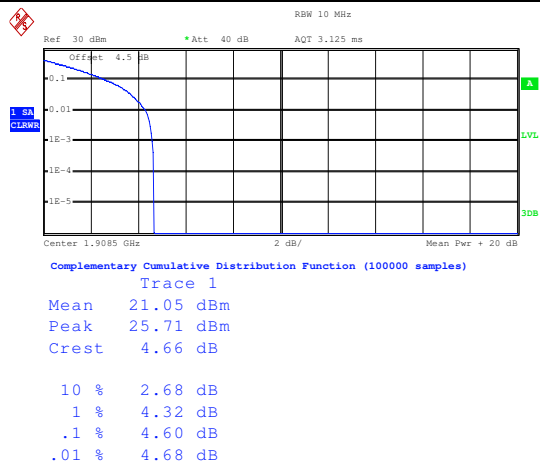
QPSK High channel-1 RB offset 0



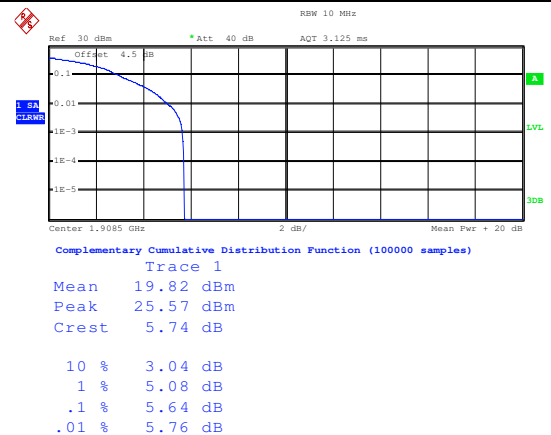
16QAM High channel-1 RB offset 0

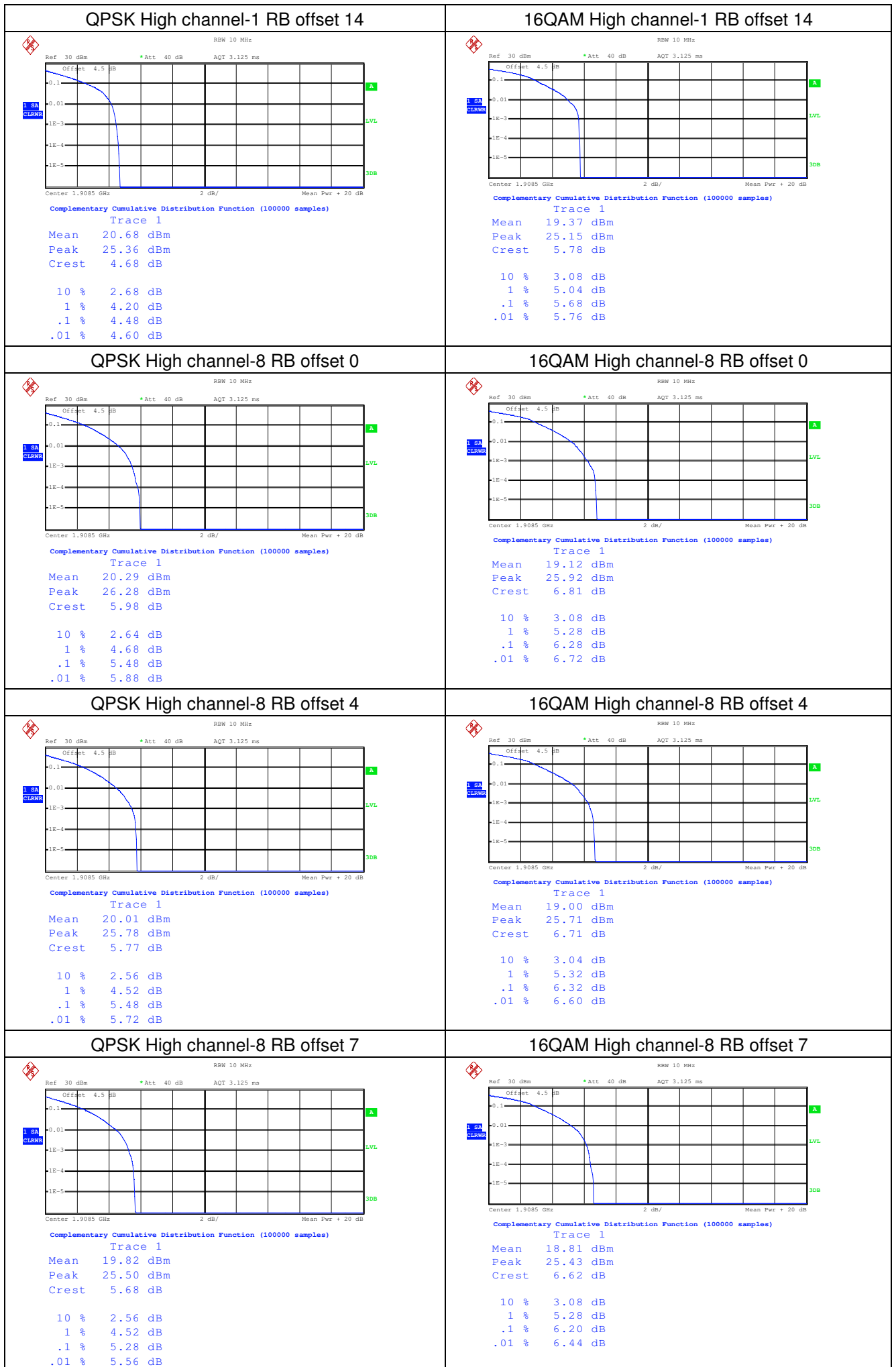


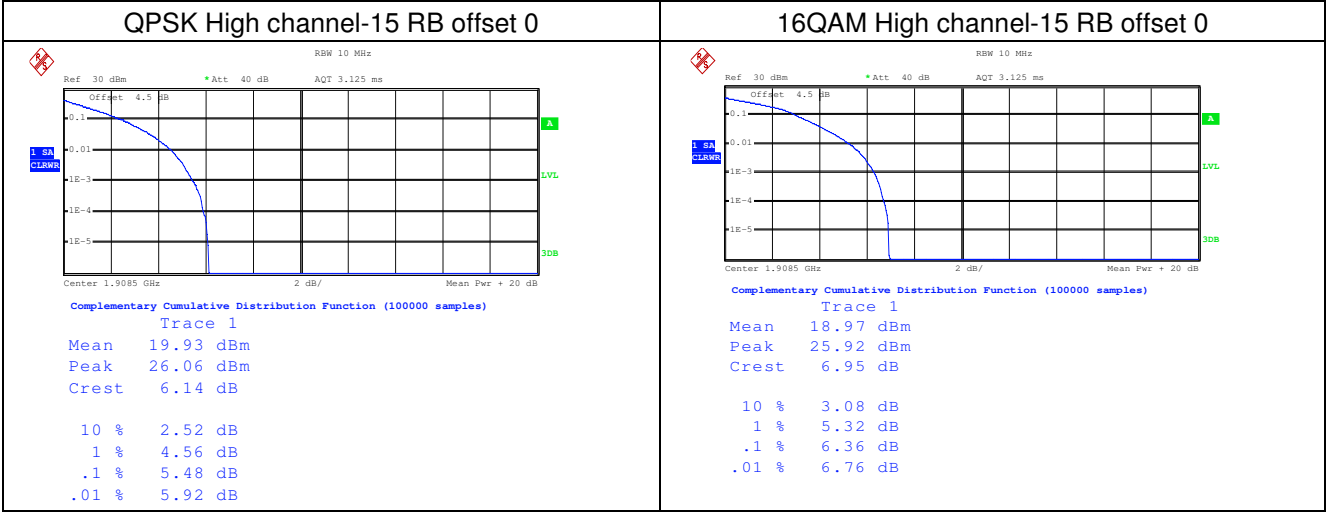
QPSK High channel-1 RB offset 8



16QAM High channel-1 RB offset 8

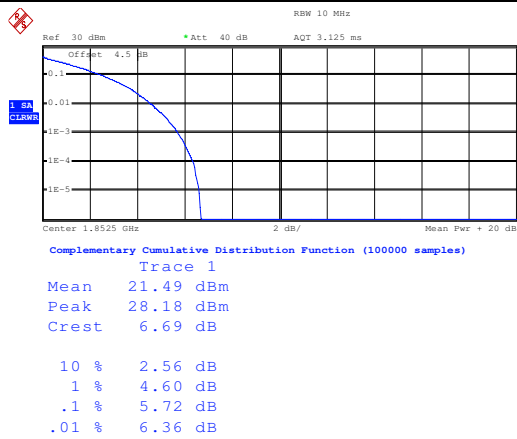




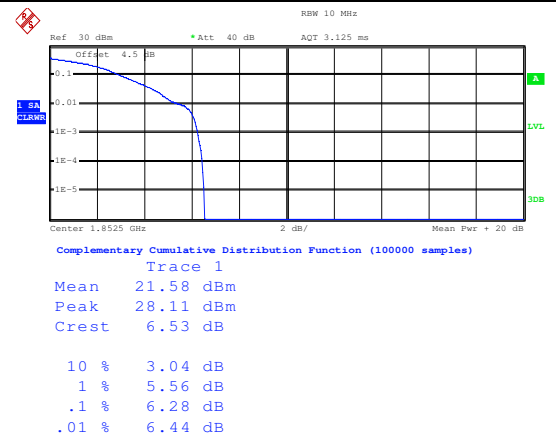


LTE FDD Band 2, Nominal Bandwidth: 5.0MHz

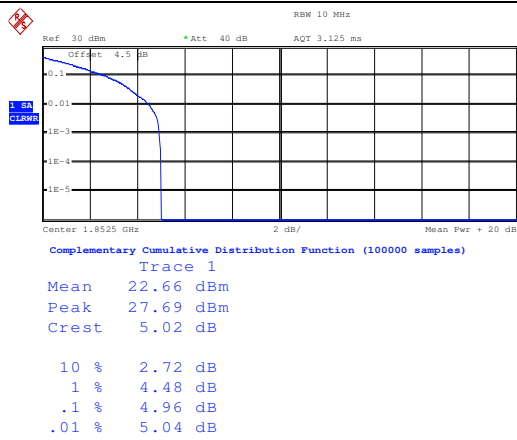
QPSK Low channel-1 RB offset 0



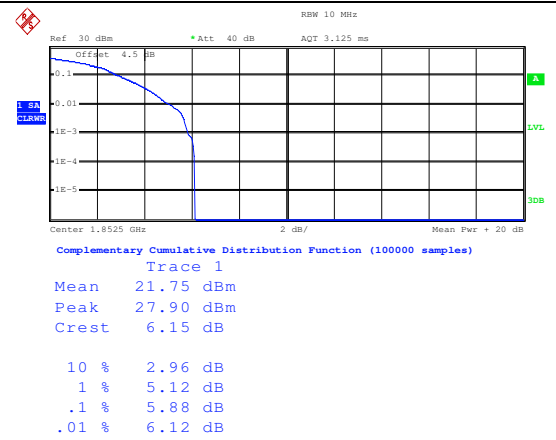
16QAM Low channel-1 RB offset 0



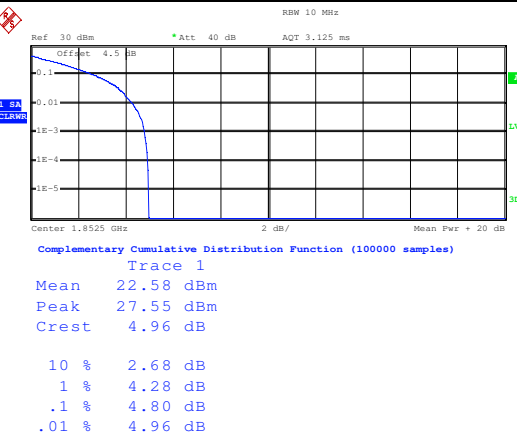
QPSK Low channel-1 RB offset 12



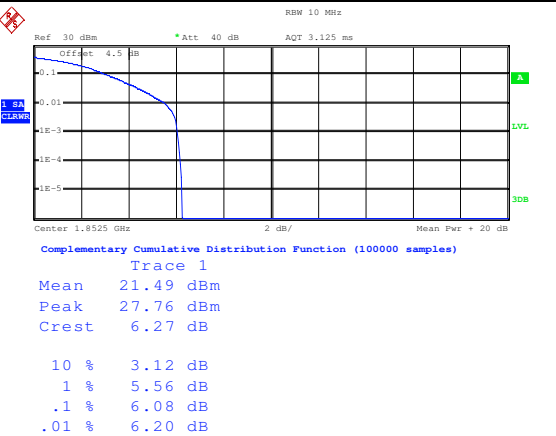
16QAM Low channel-1 RB offset 12



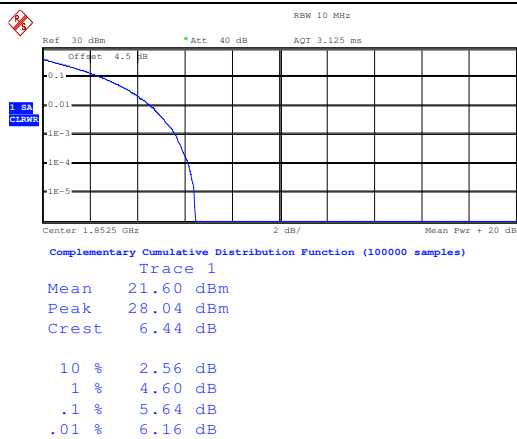
QPSK Low channel-1 RB offset 24



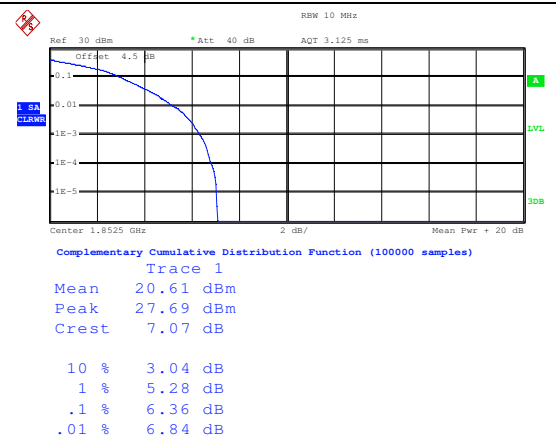
16QAM Low channel-1 RB offset 24

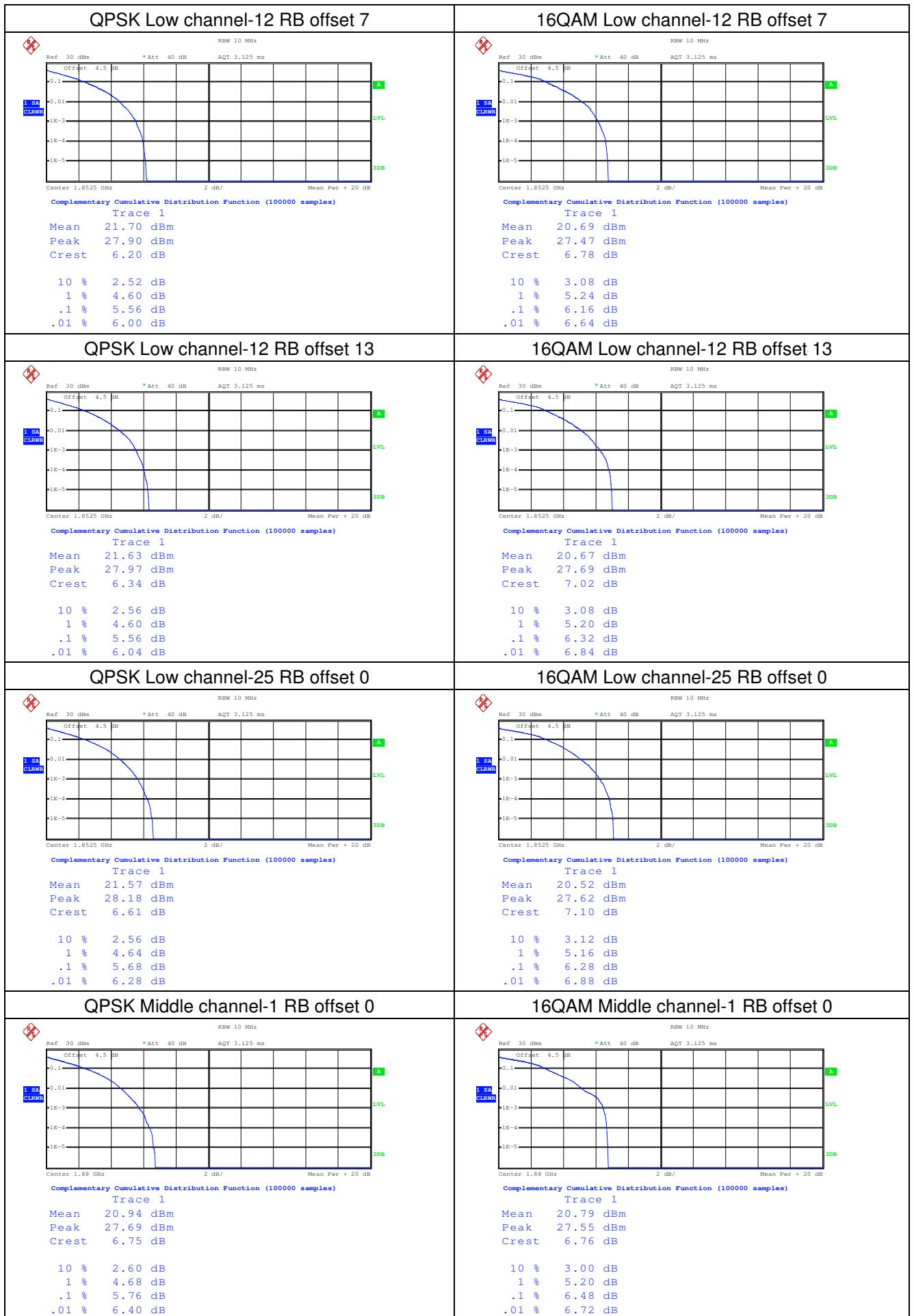


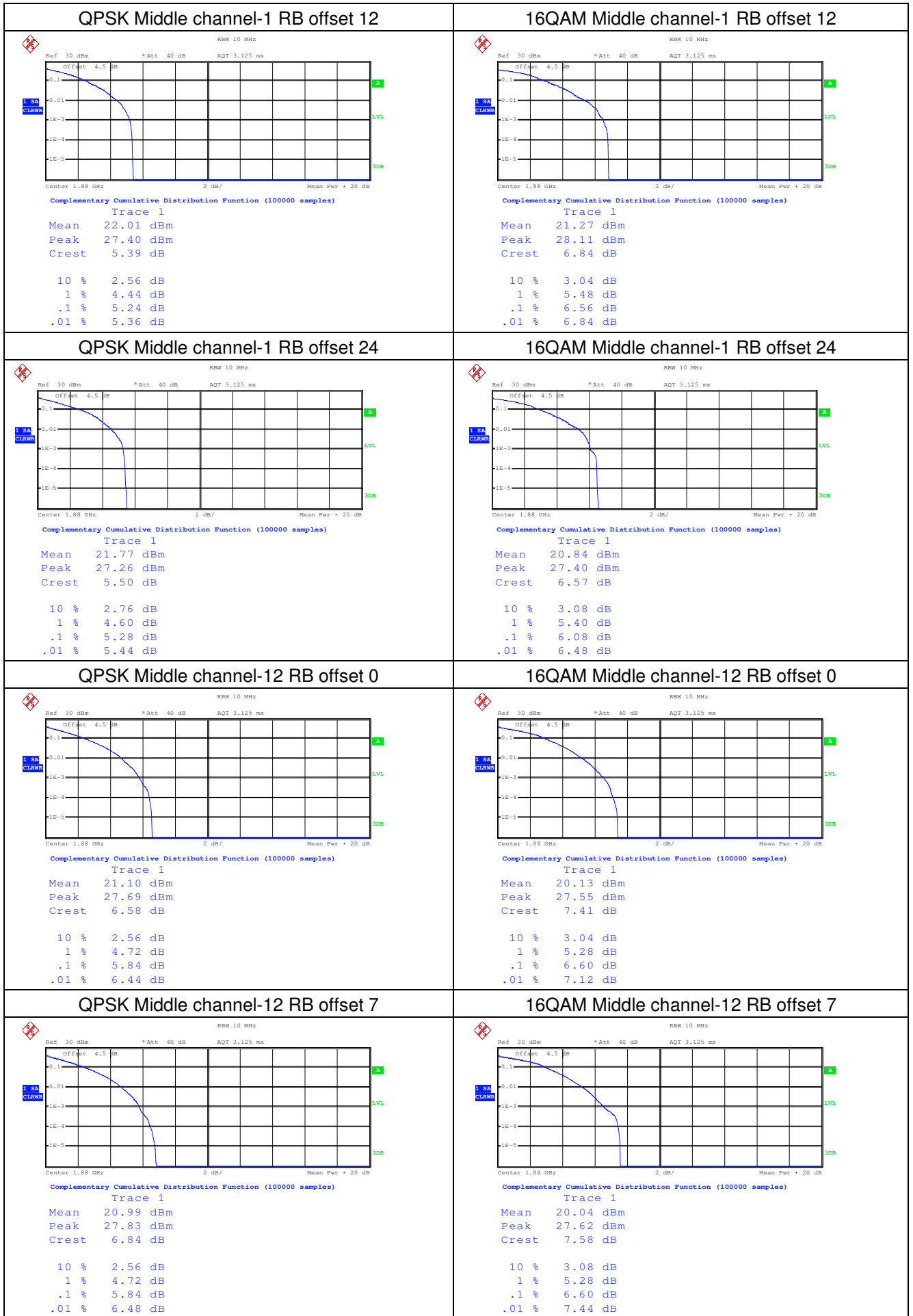
QPSK Low channel-12 RB offset 0



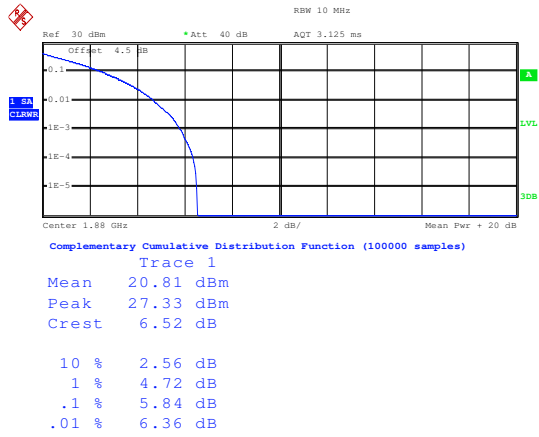
16QAM Low channel-12 RB offset 0



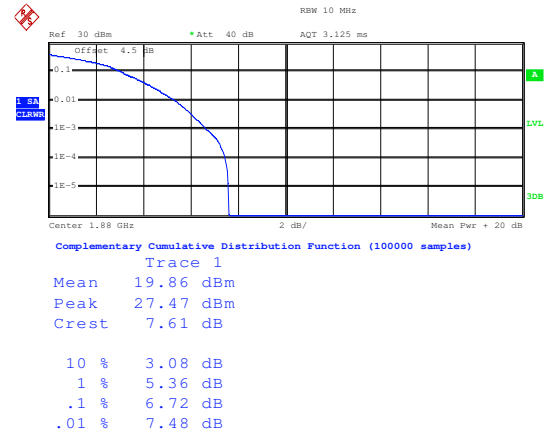




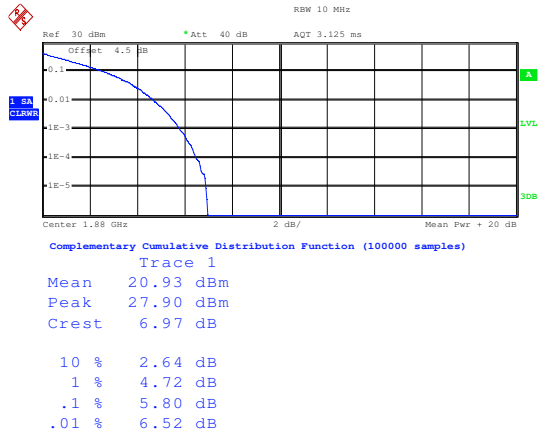
QPSK Middle channel-12 RB offset 13



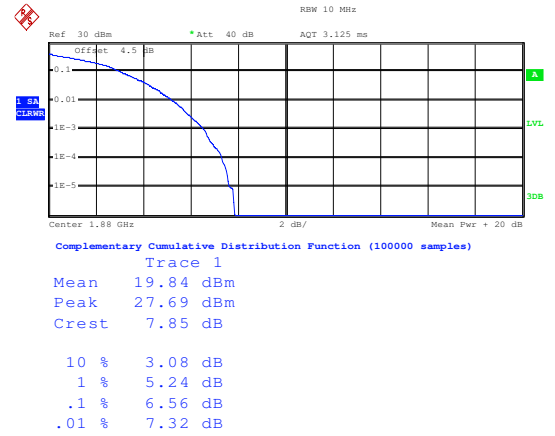
16QAM Middle channel-12 RB offset 13



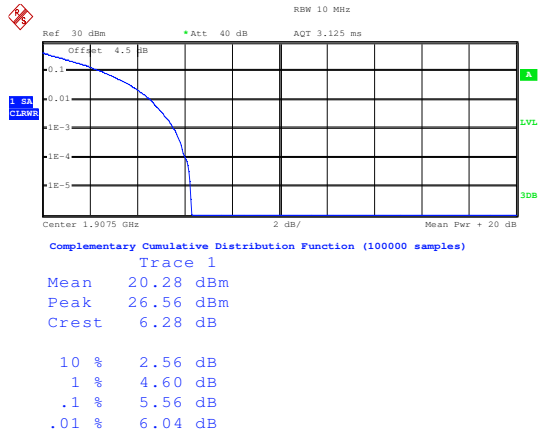
QPSK Middle channel-25 RB offset 0



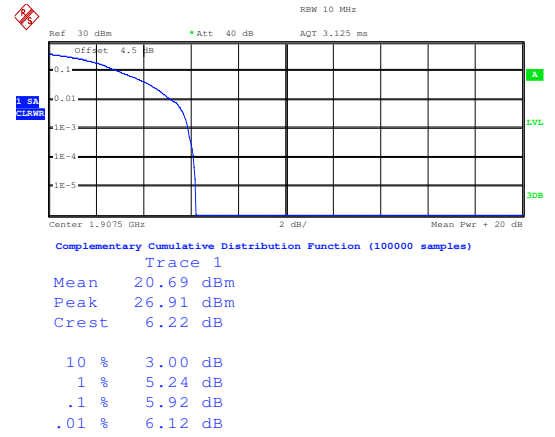
16QAM Middle channel-25 RB offset 0



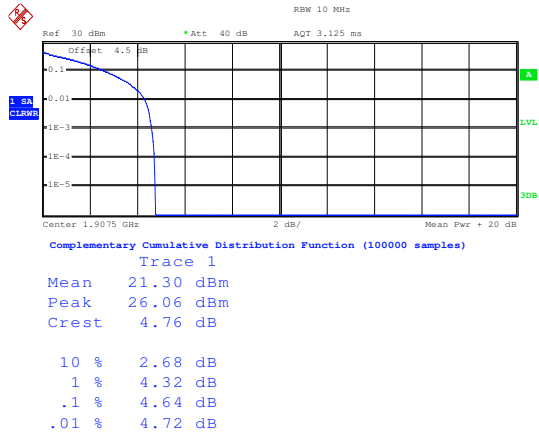
QPSK High channel-1 RB offset 0



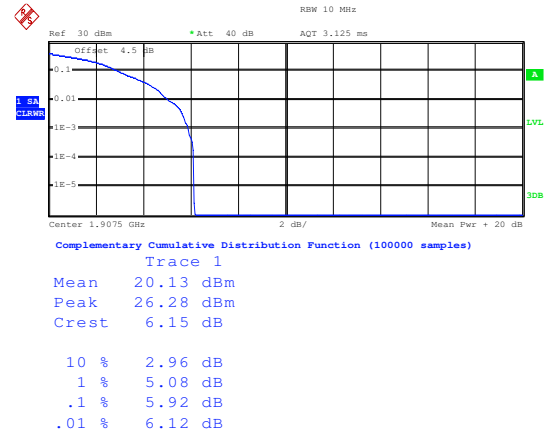
16QAM High channel-1 RB offset 0

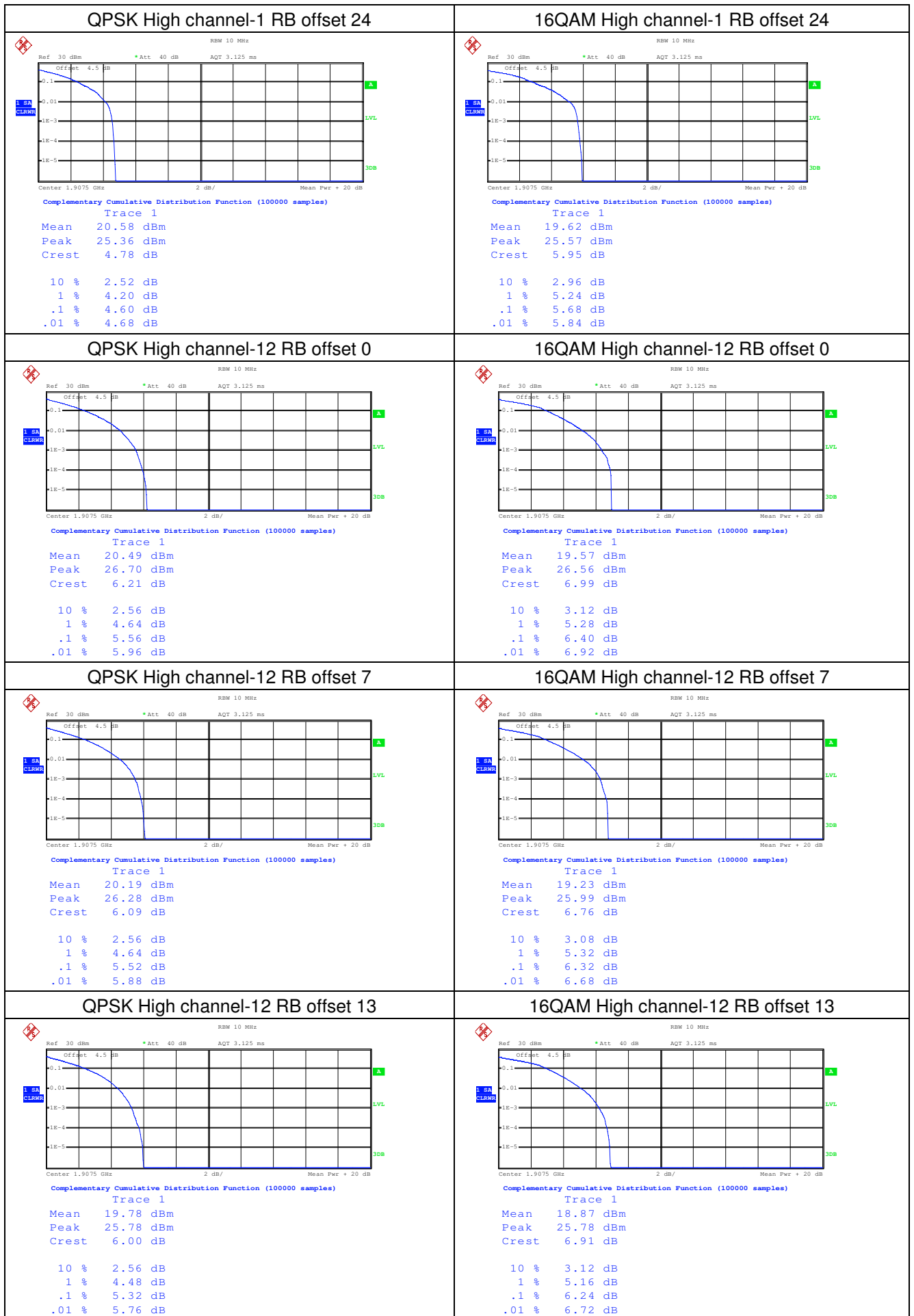


QPSK High channel-1 RB offset 12

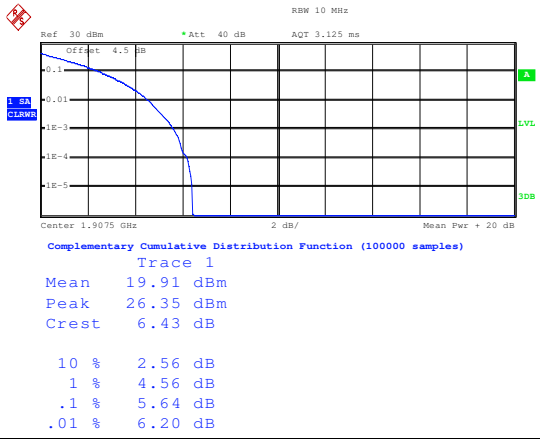


16QAM High channel-1 RB offset 12

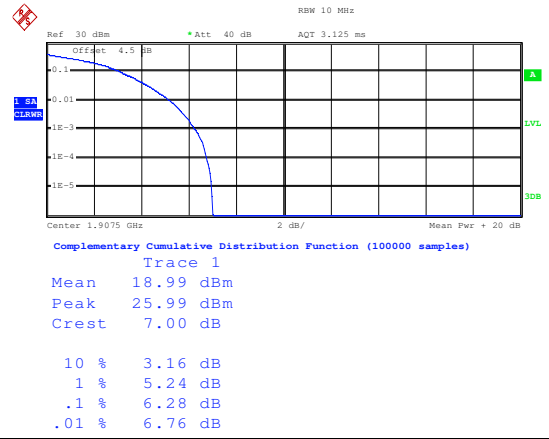




QPSK High channel-25 RB offset 0

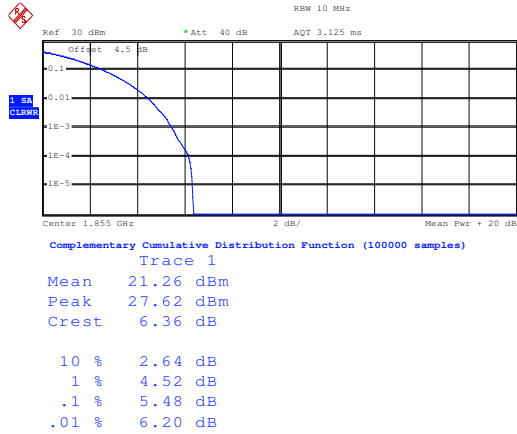


16QAM High channel-25 RB offset 0

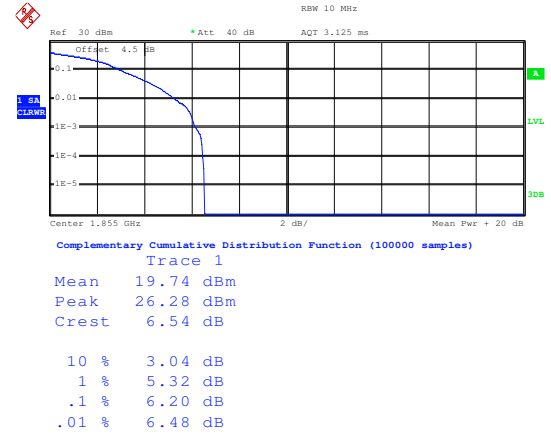


LTE FDD Band 2, Nominal Bandwidth: 10MHz

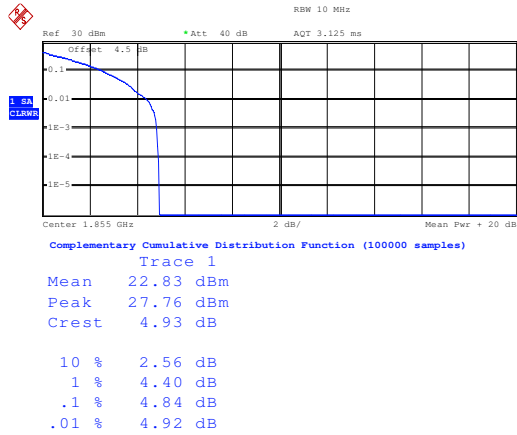
QPSK Low channel-1 RB offset 0



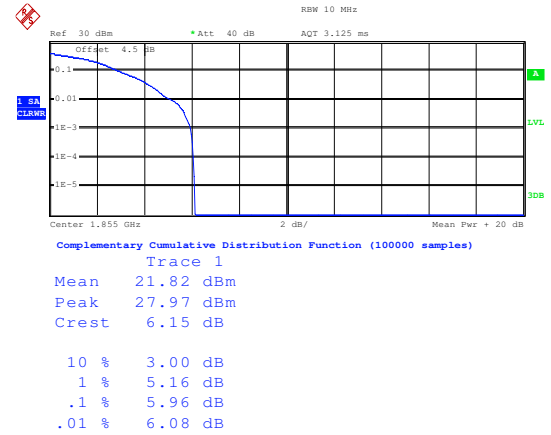
16QAM Low channel-1 RB offset 0



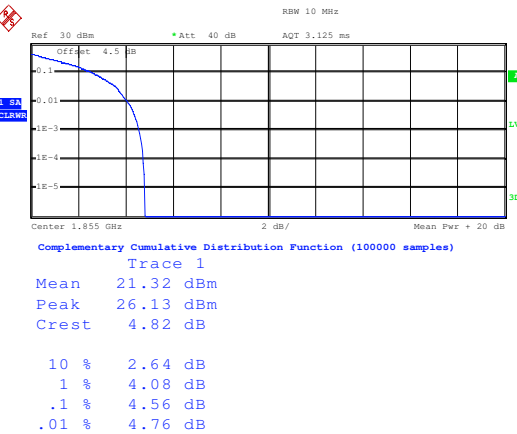
QPSK Low channel-1 RB offset 25



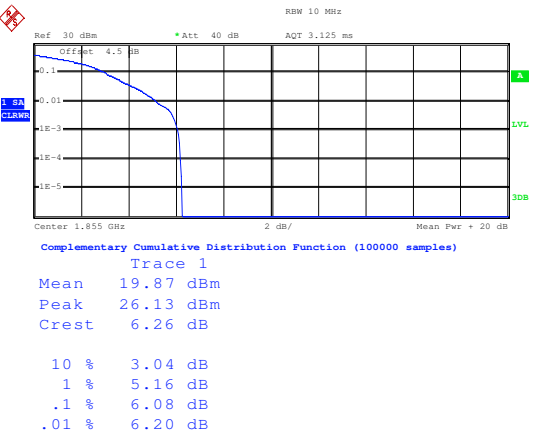
16QAM Low channel-1 RB offset 25



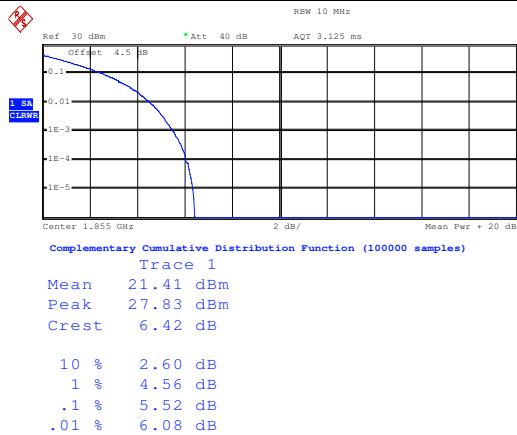
QPSK Low channel-1 RB offset 49



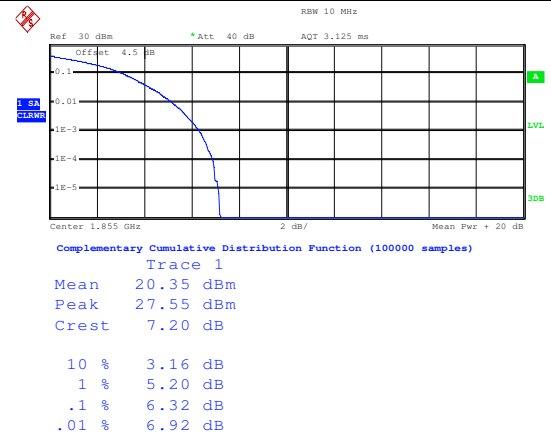
16QAM Low channel-1 RB offset 49



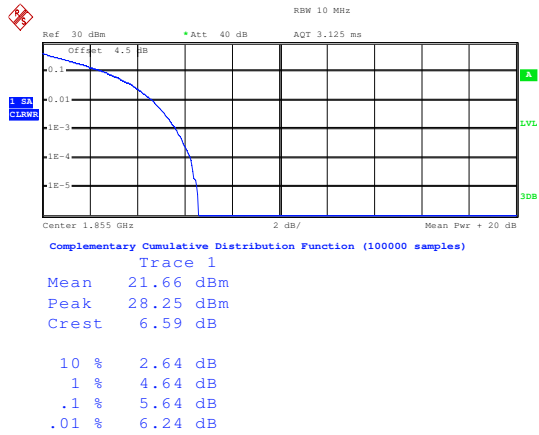
QPSK Low channel-25 RB offset 0



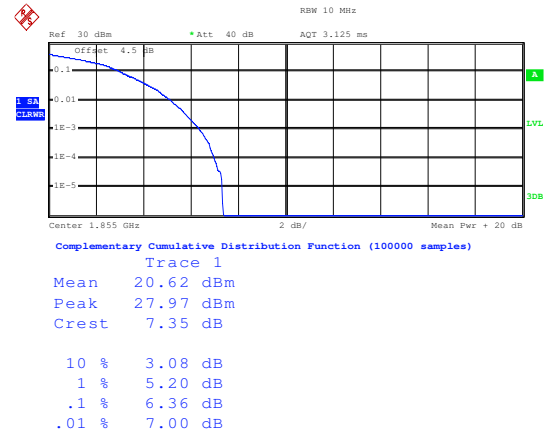
16QAM Low channel-25 RB offset 0



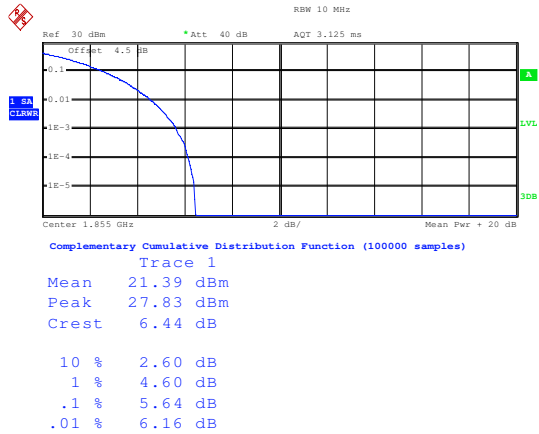
QPSK Low channel-25 RB offset 12



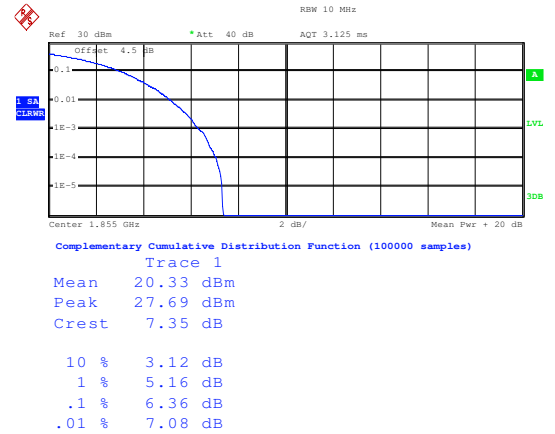
16QAM Low channel-25 RB offset 12



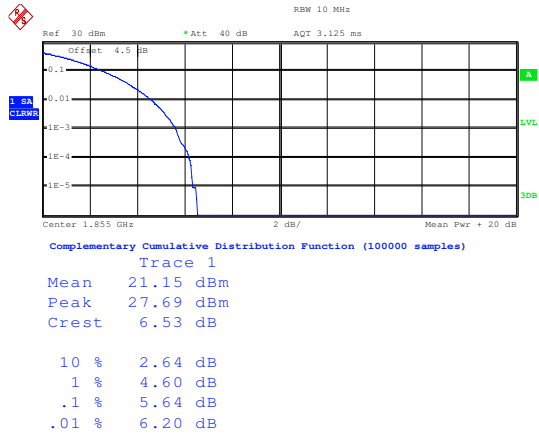
QPSK Low channel-25 RB offset 25



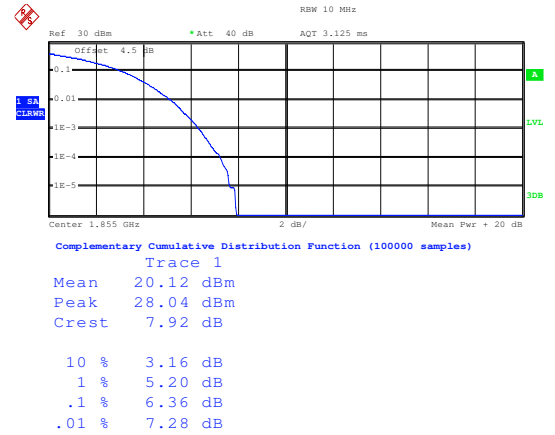
16QAM Low channel-25 RB offset 25



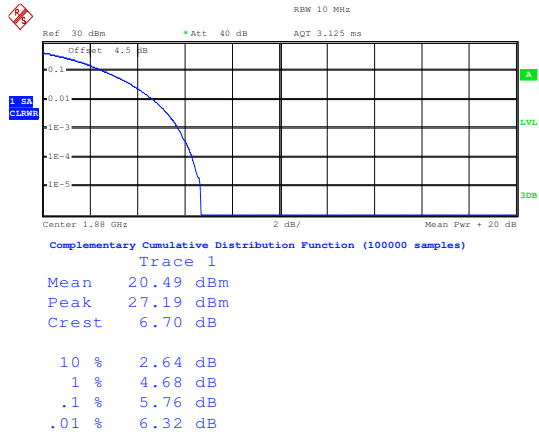
QPSK Low channel-50 RB offset 0



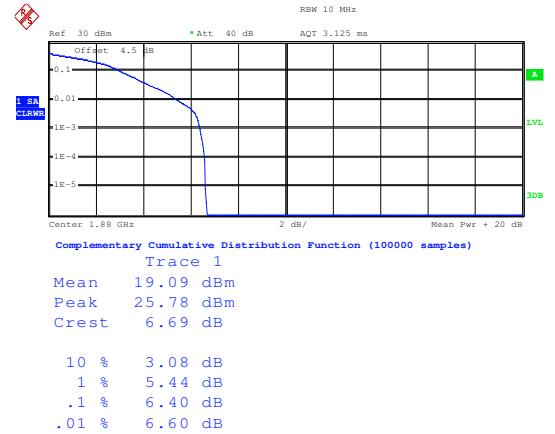
16QAM Low channel-50 RB offset 0

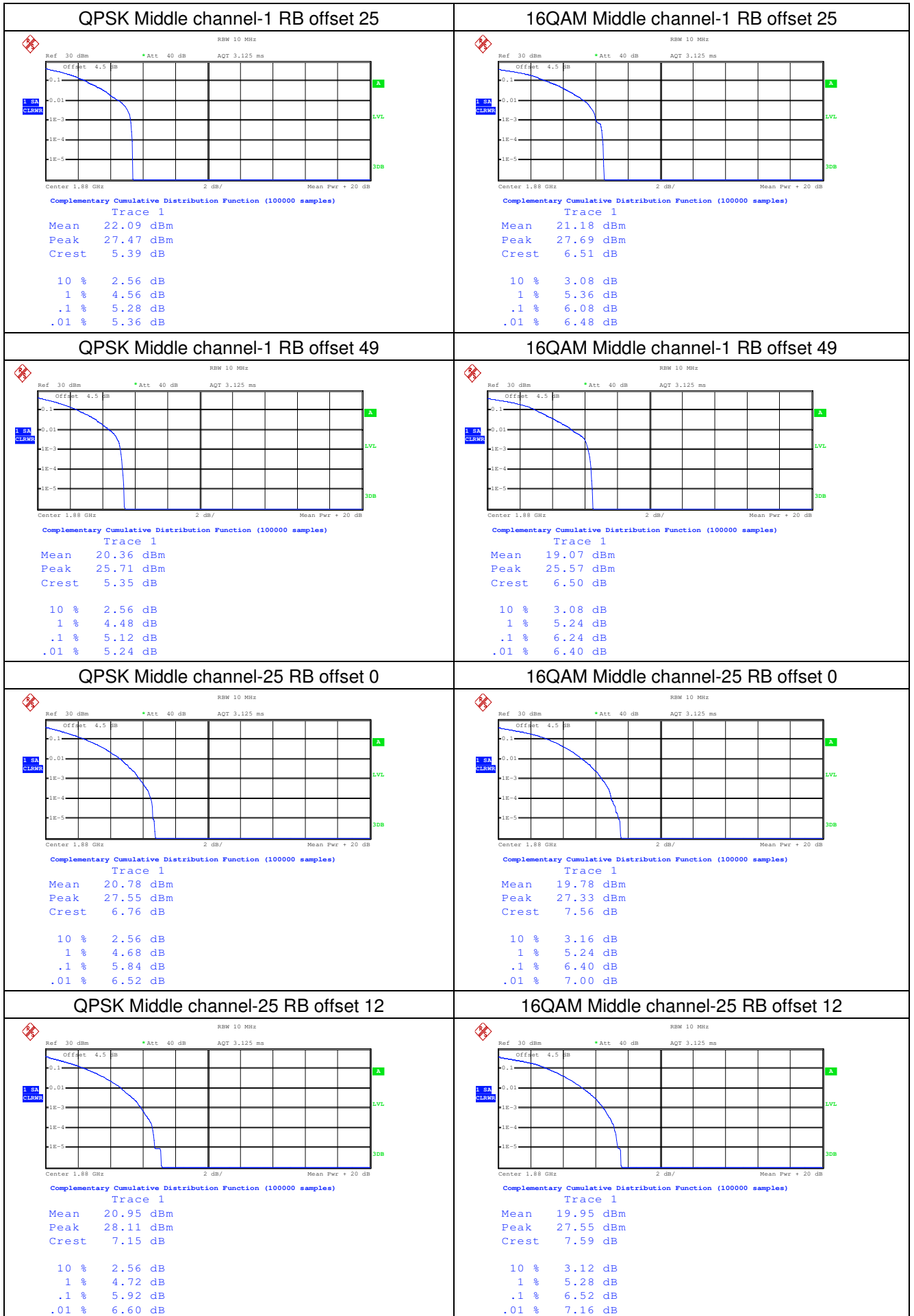


QPSK Middle channel-1 RB offset 0

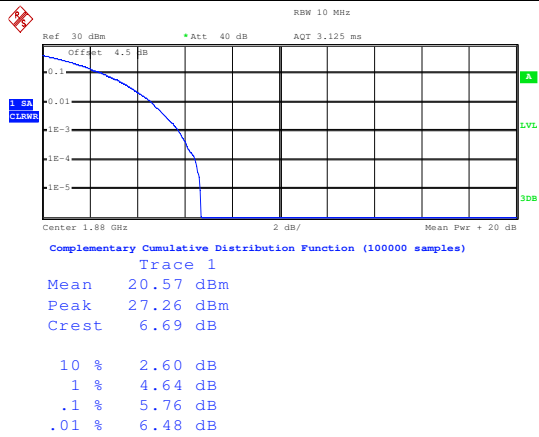


16QAM Middle channel-1 RB offset 0

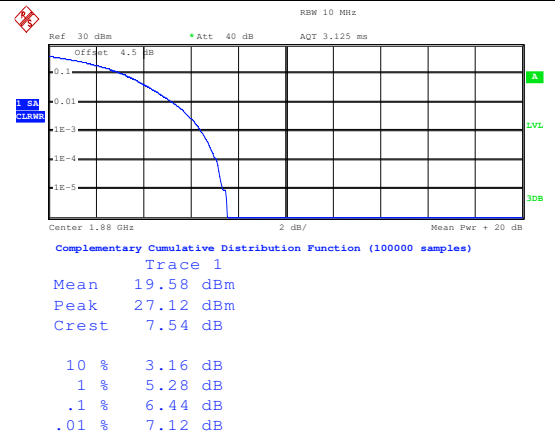




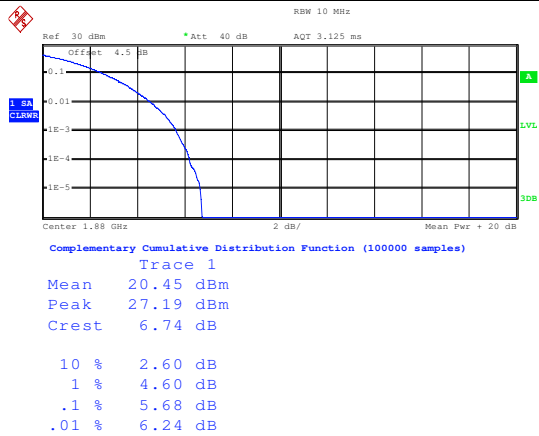
QPSK Middle channel-25 RB offset 25



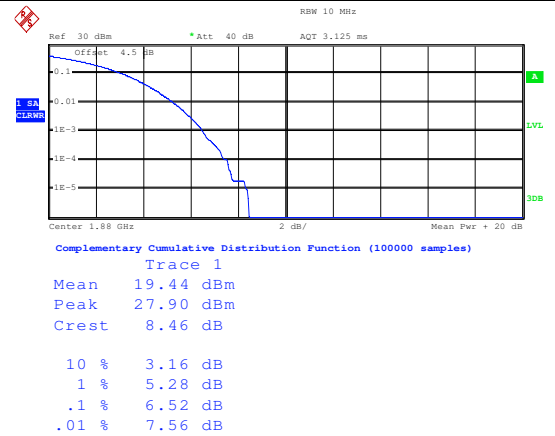
16QAM Middle channel-25 RB offset 25



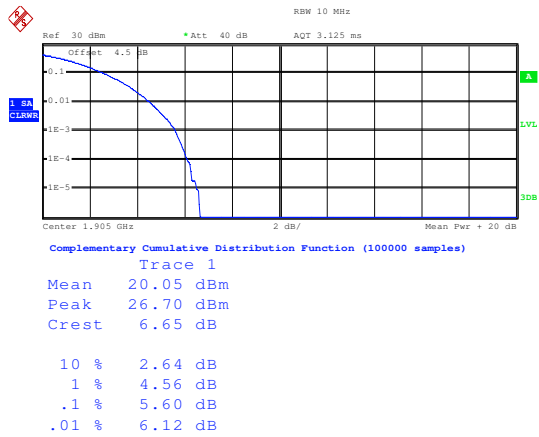
QPSK Middle channel-50 RB offset 0



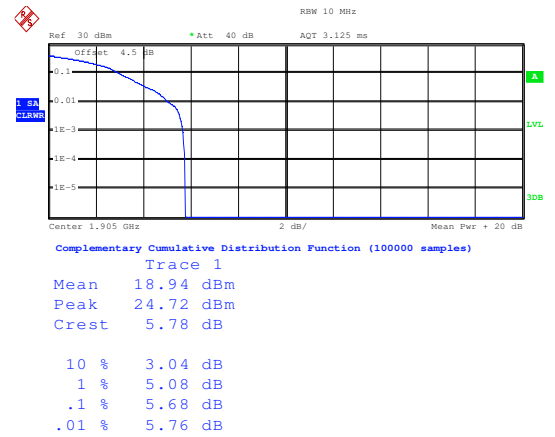
16QAM Middle channel-50 RB offset 0



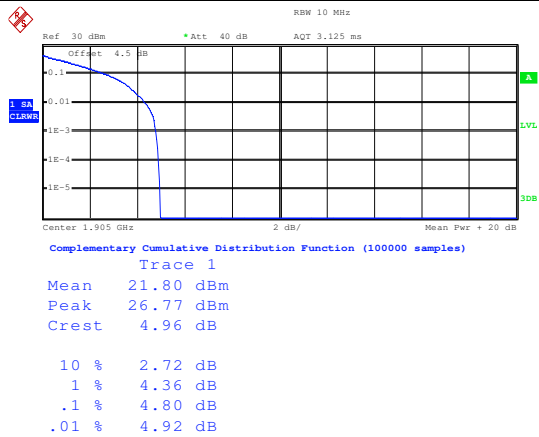
QPSK High channel-1 RB offset 0



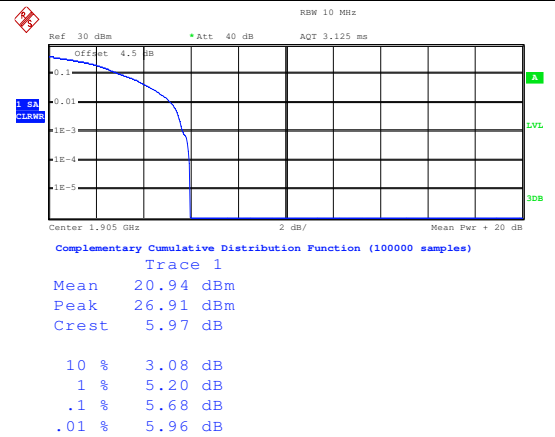
16QAM High channel-1 RB offset 0

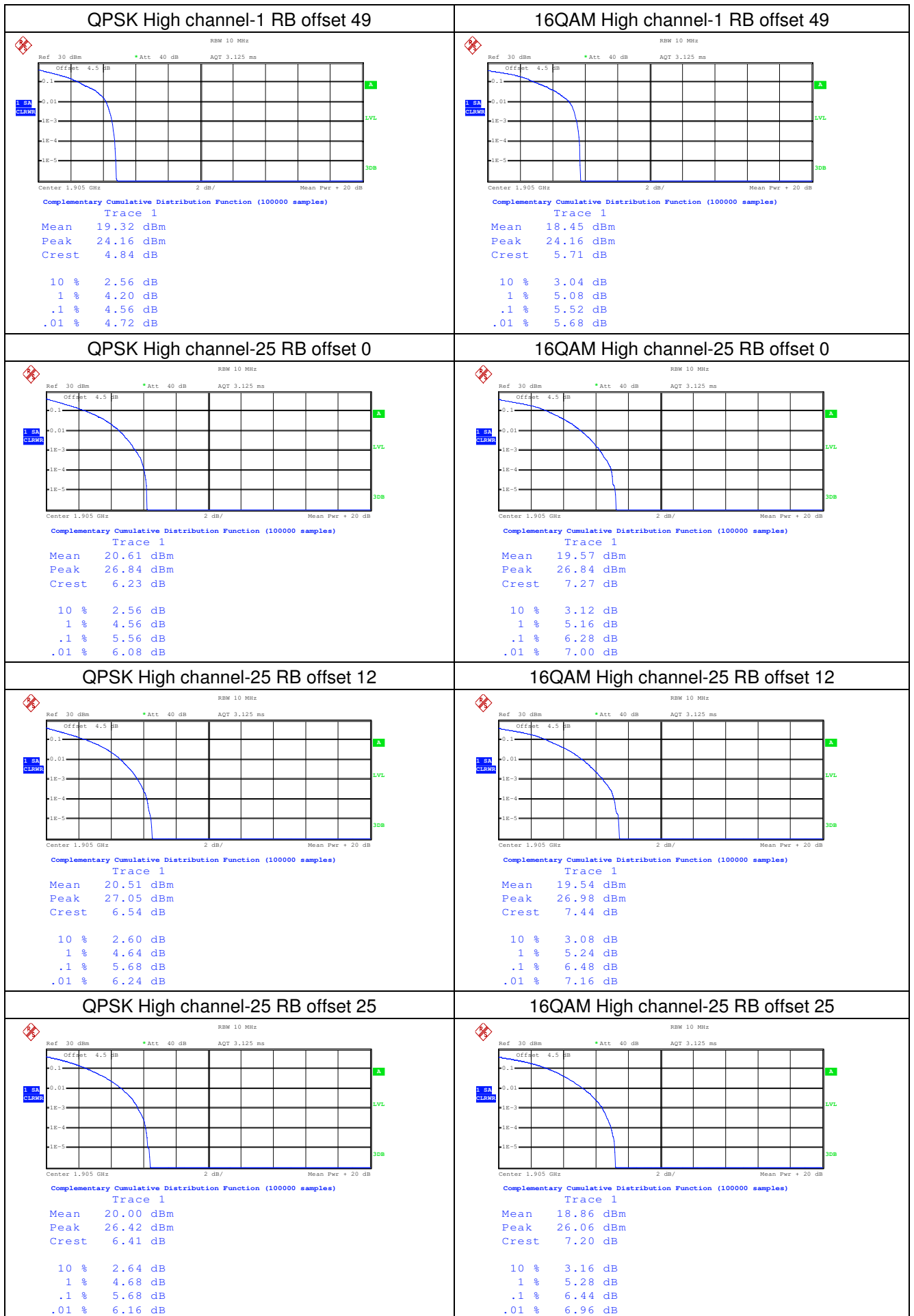


QPSK High channel-1 RB offset 25

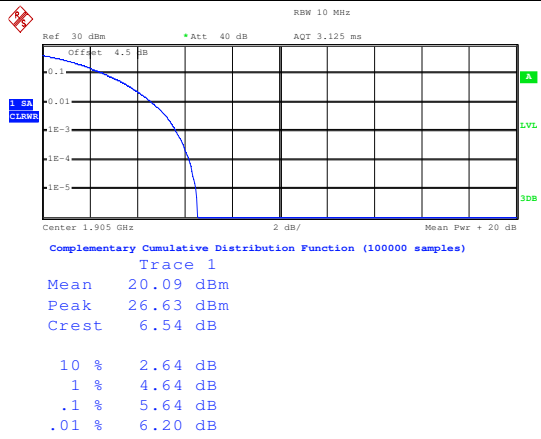


16QAM High channel-1 RB offset 25

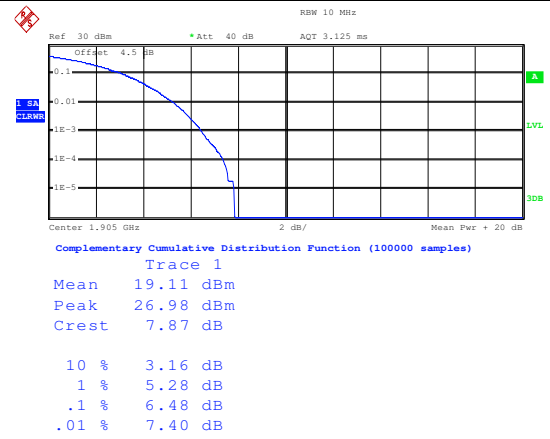




QPSK High channel-50 RB offset 0

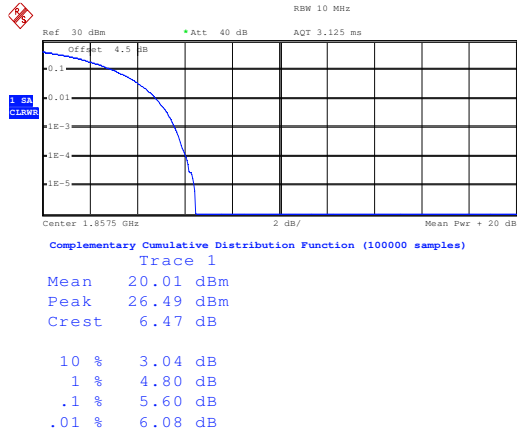


16QAM High channel-50 RB offset 0

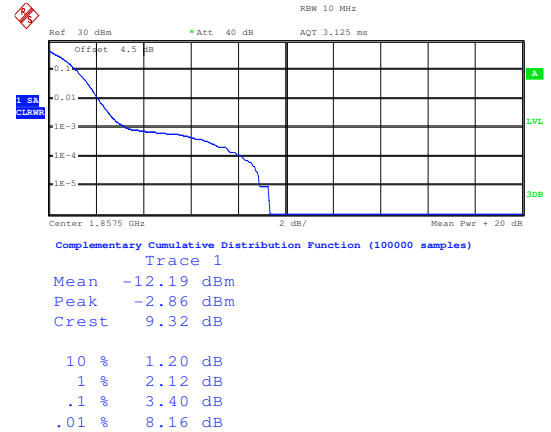


LTE FDD Band 2, Nominal Bandwidth: 15MHz

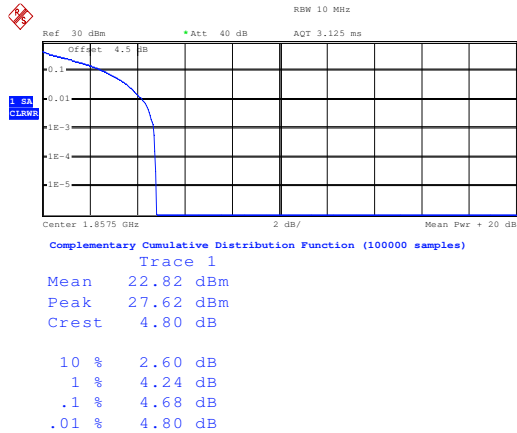
QPSK Low channel-1 RB offset 0



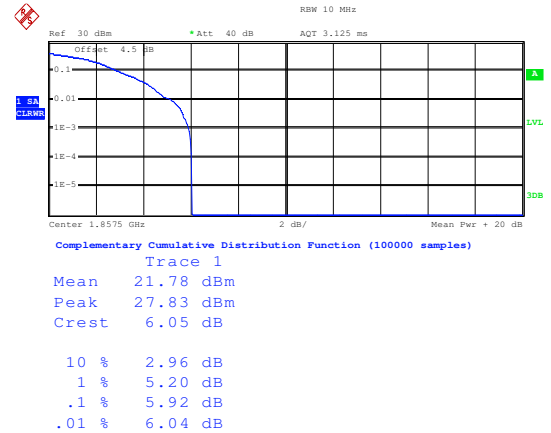
16QAM Low channel-1 RB offset 0



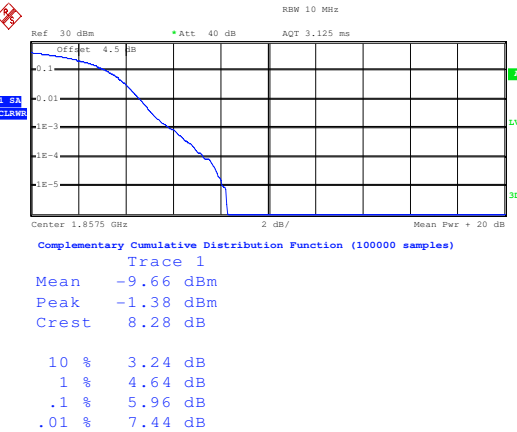
QPSK Low channel-1 RB offset 37



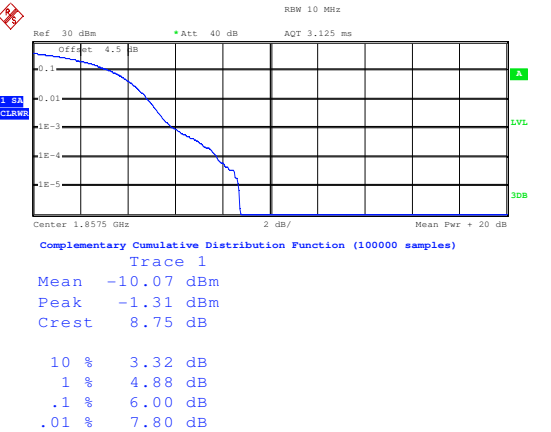
16QAM Low channel-1 RB offset 37



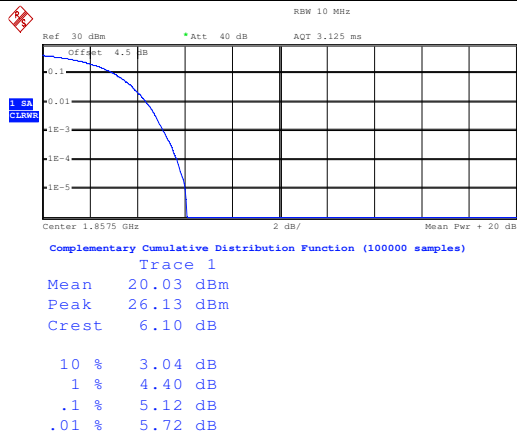
QPSK Low channel-1 RB offset 74



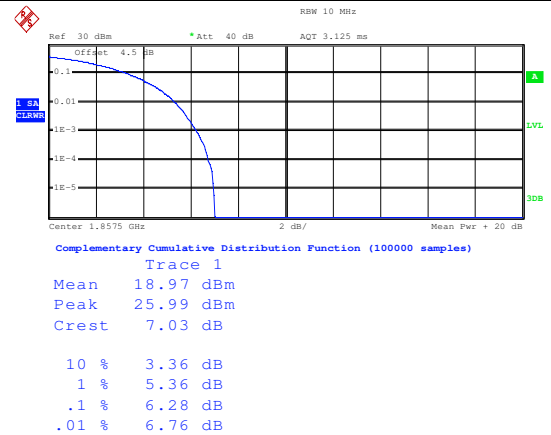
16QAM Low channel-1 RB offset 74



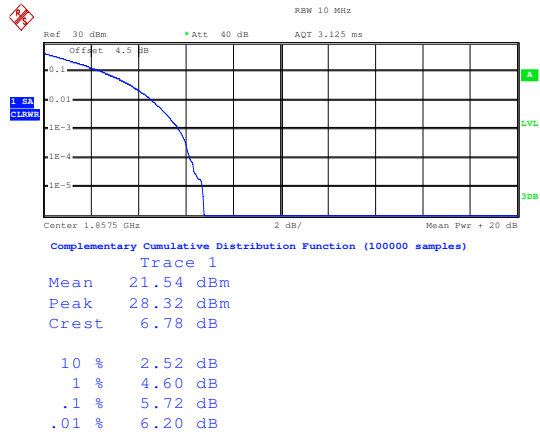
QPSK Low channel-36 RB offset 0



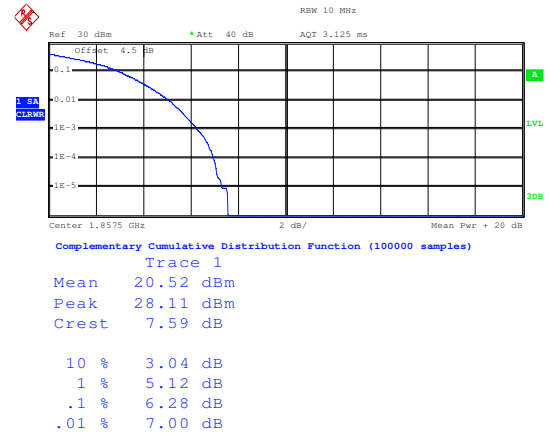
16QAM Low channel-36 RB offset 0



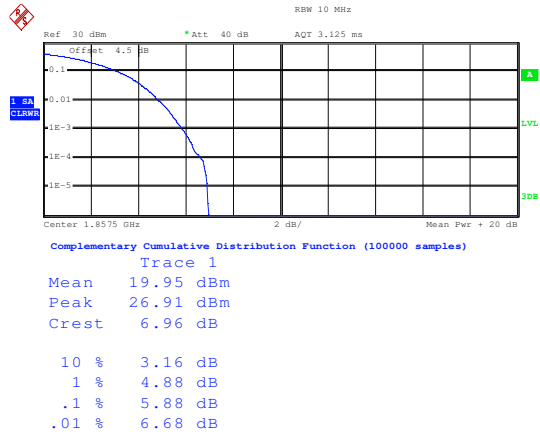
QPSK Low channel-36 RB offset 20



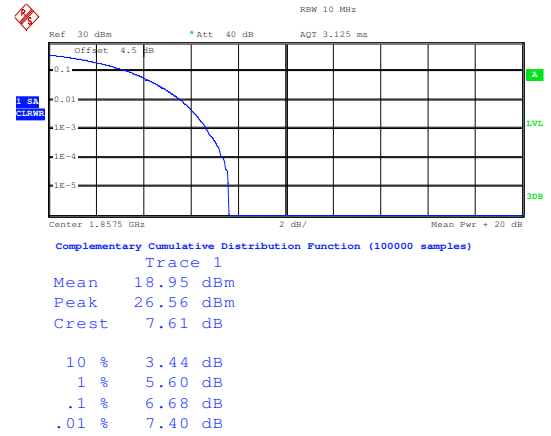
16QAM Low channel-36 RB offset 20



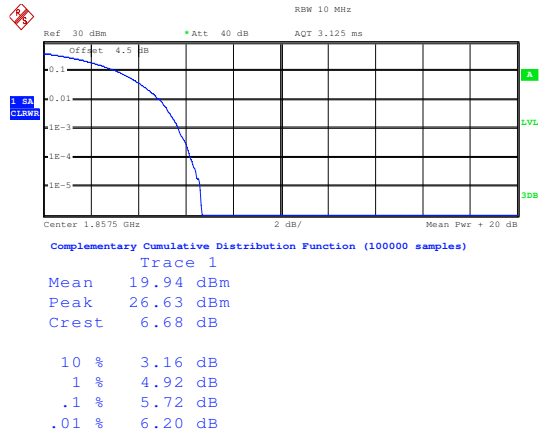
QPSK Low channel-36 RB offset 39



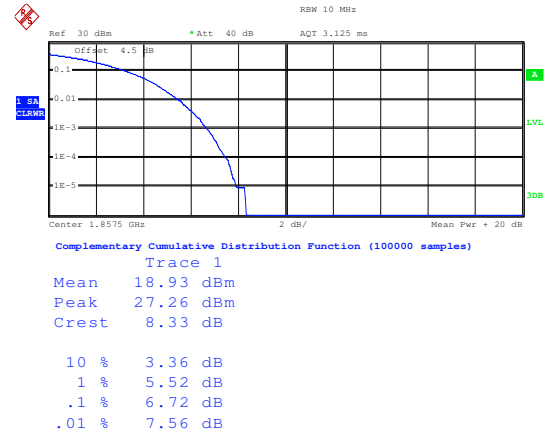
16QAM Low channel-36 RB offset 39



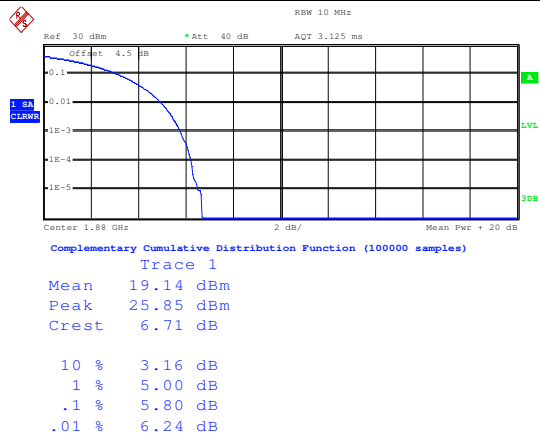
QPSK Low channel-75 RB offset 0



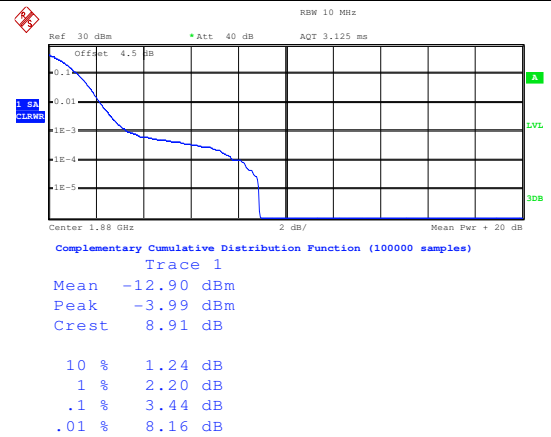
16QAM Low channel-75 RB offset 0

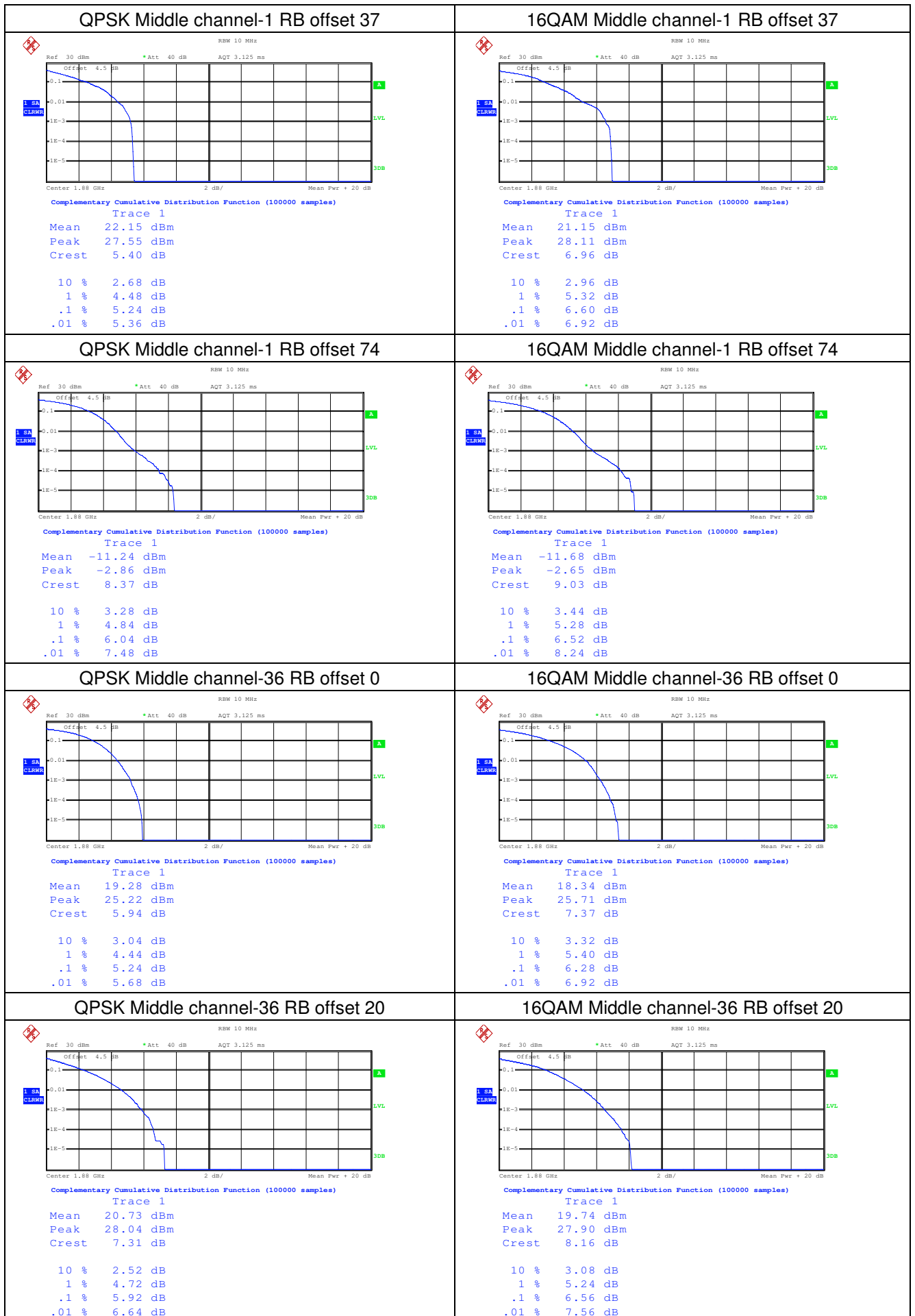


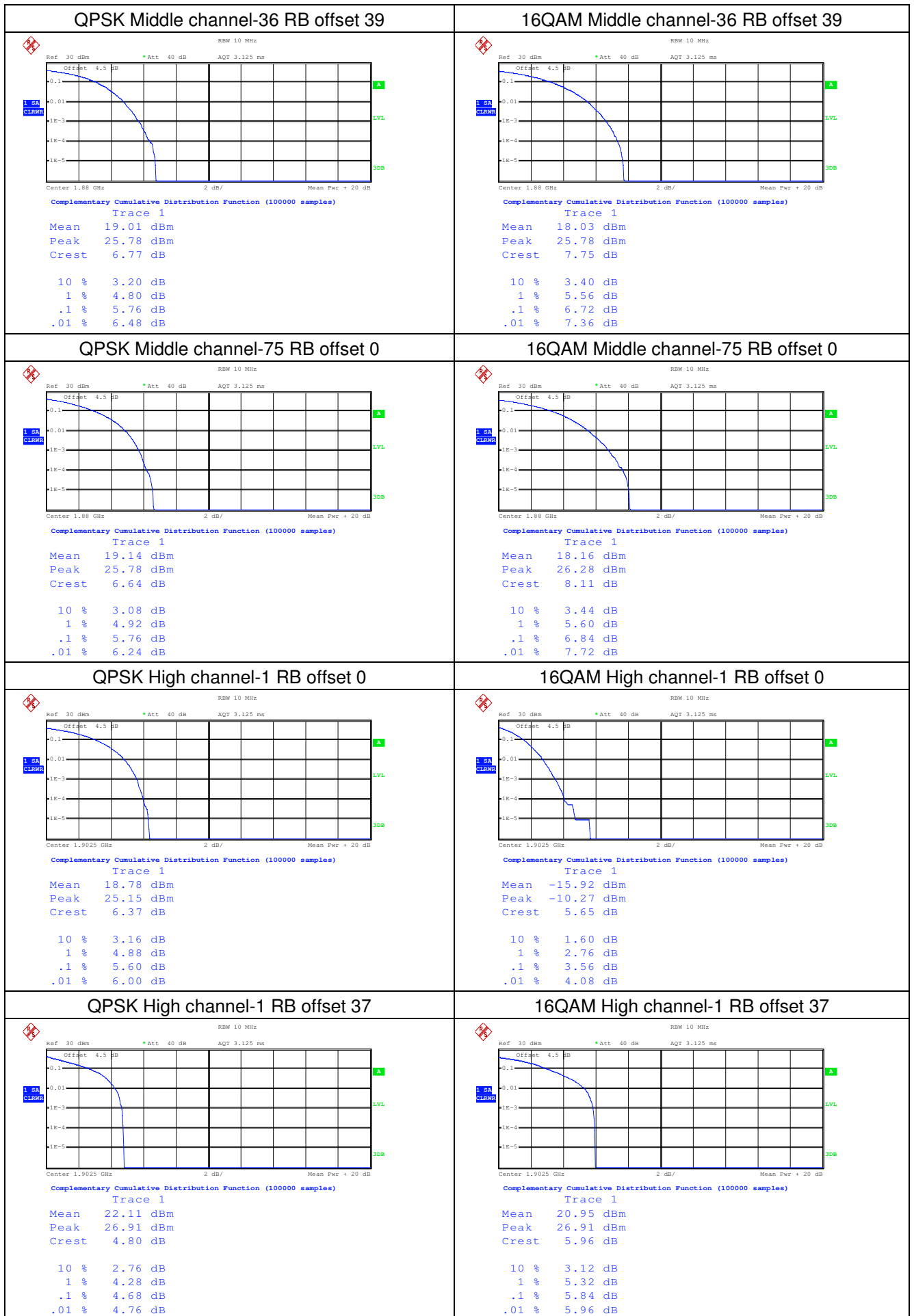
QPSK Middle channel-1 RB offset 0

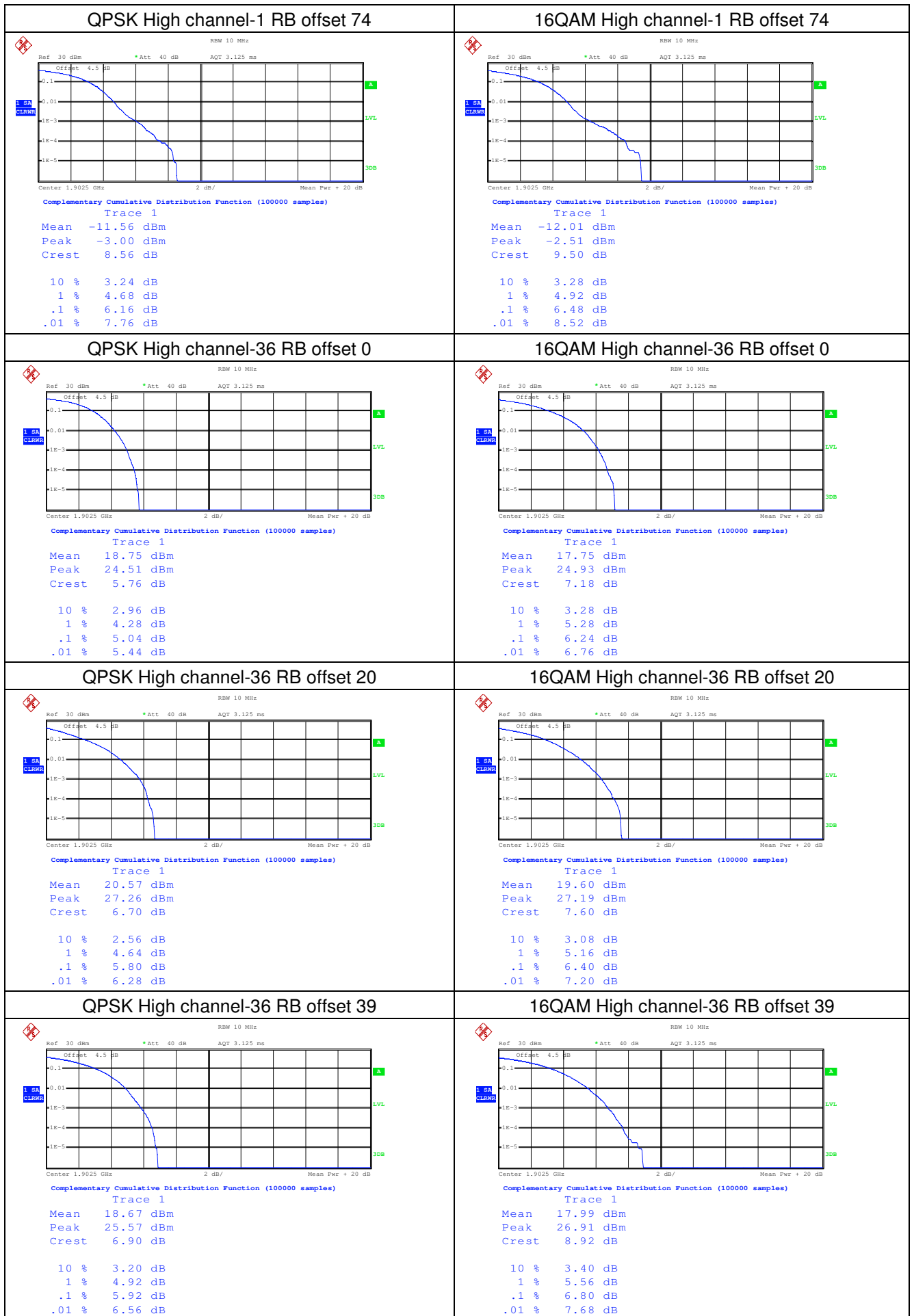


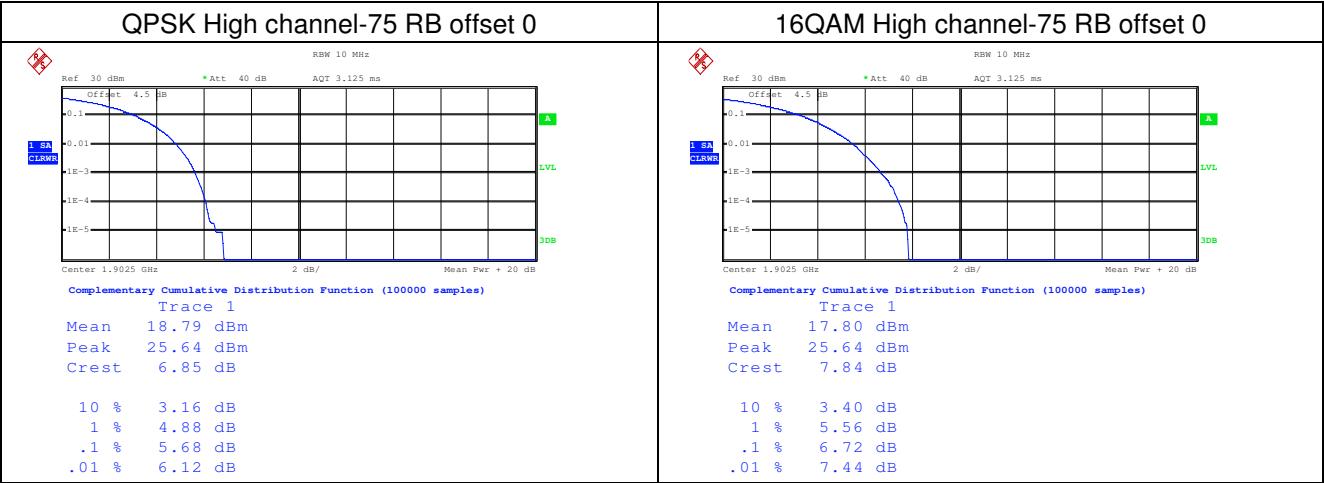
16QAM Middle channel-1 RB offset 0





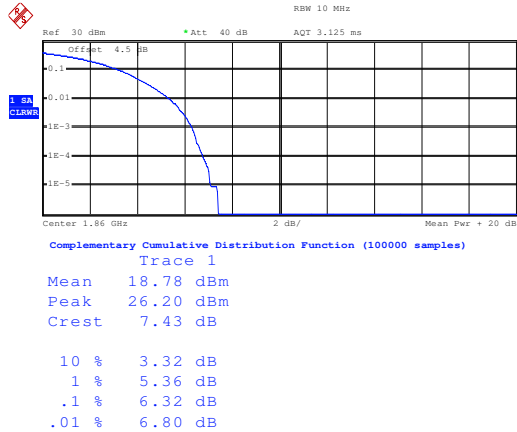




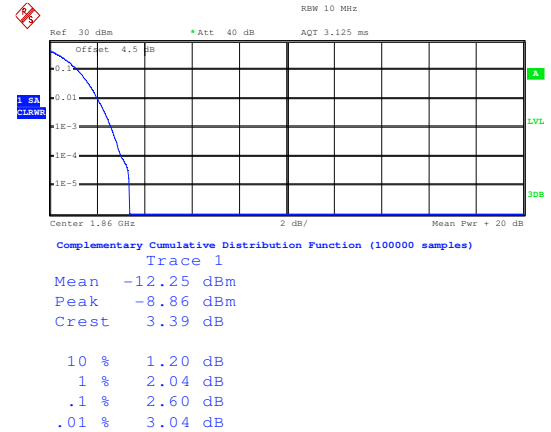


LTE FDD Band 2, Nominal Bandwidth: 20MHz

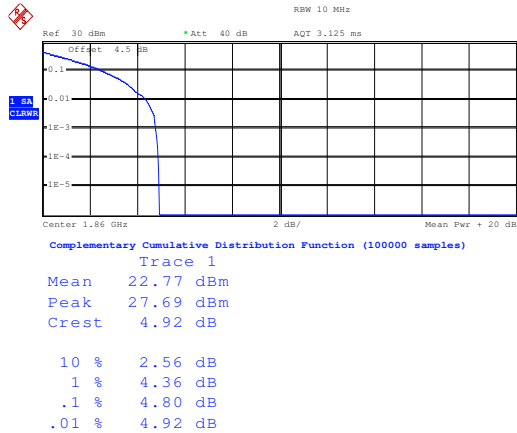
QPSK Low channel-1 RB offset 0



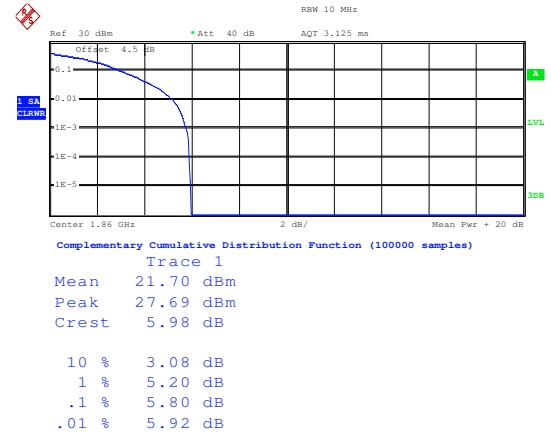
16QAM Low channel-1 RB offset 0



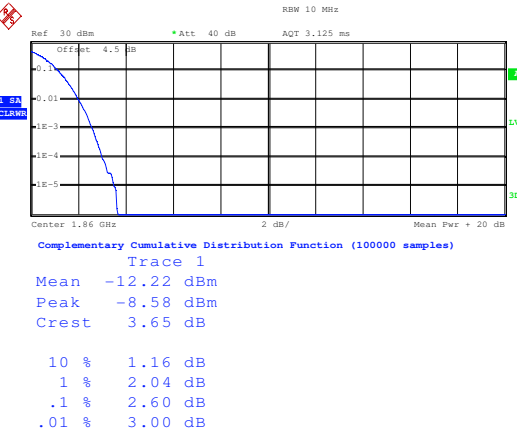
QPSK Low channel-1 RB offset 49



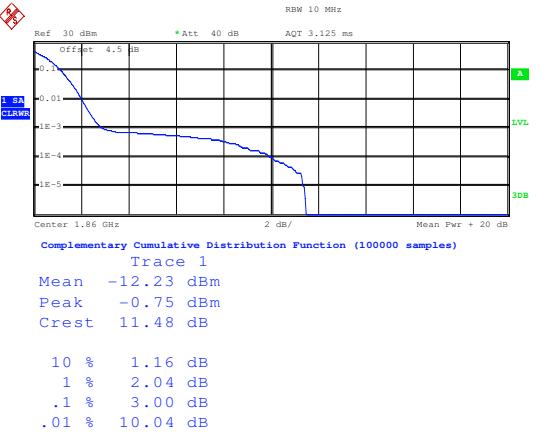
16QAM Low channel-1 RB offset 49



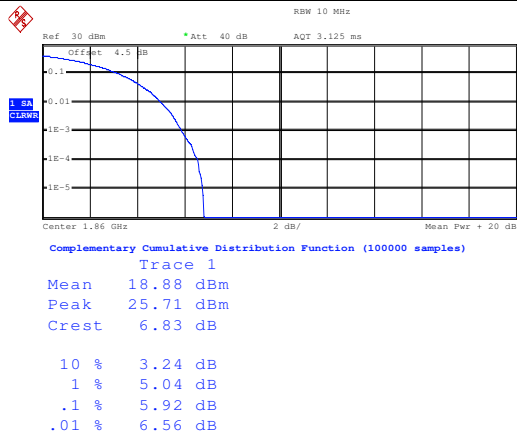
QPSK Low channel-1 RB offset 99



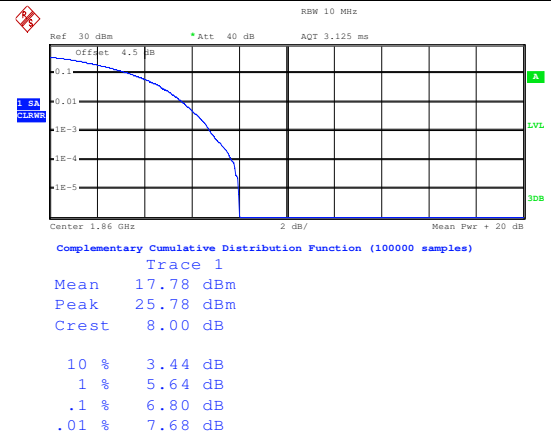
16QAM Low channel-1 RB offset 99



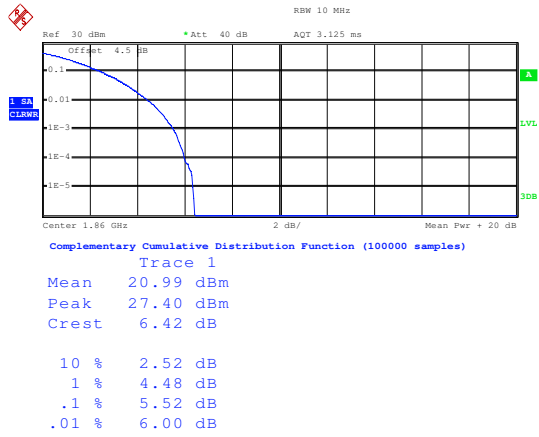
QPSK Low channel-50 RB offset 0



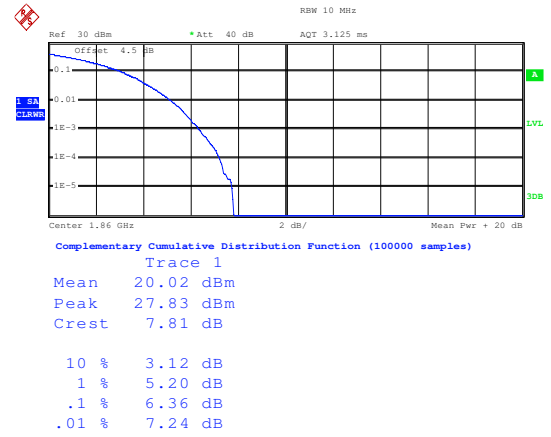
16QAM Low channel-50 RB offset 0



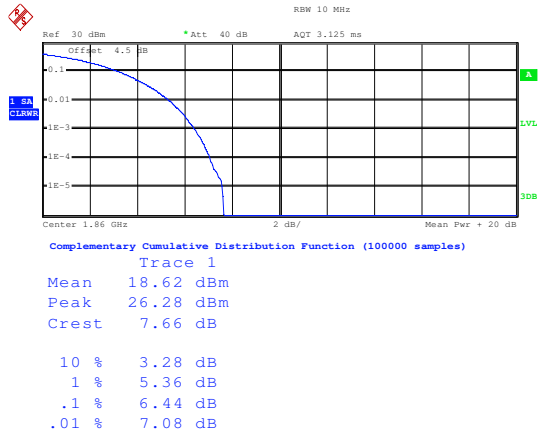
QPSK Low channel-50 RB offset 24



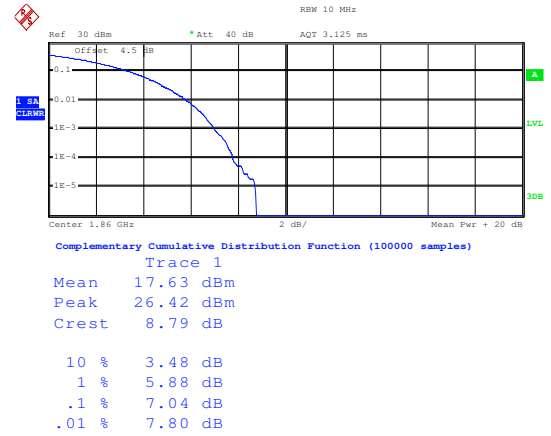
16QAM Low channel-50 RB offset 24



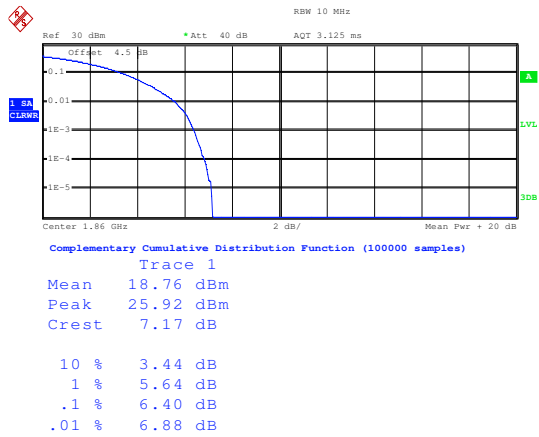
QPSK Low channel-50 RB offset 50



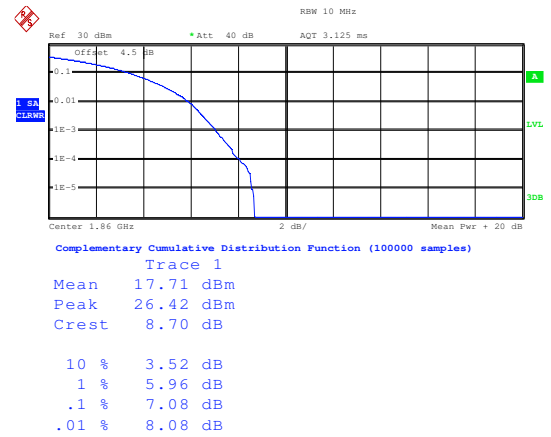
16QAM Low channel-50 RB offset 50



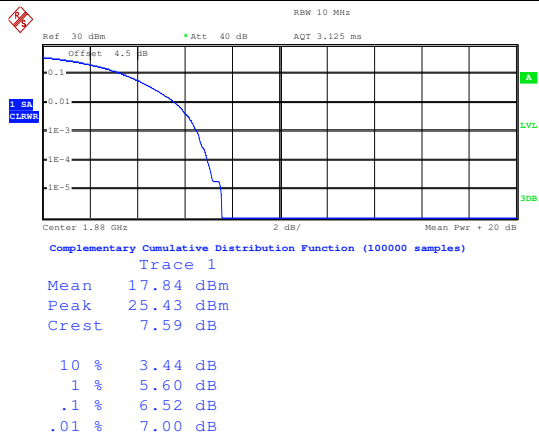
QPSK Low channel-100 RB offset 0



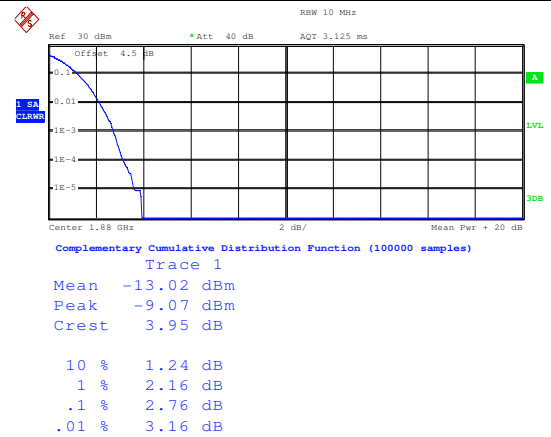
16QAM Low channel-100 RB offset 0

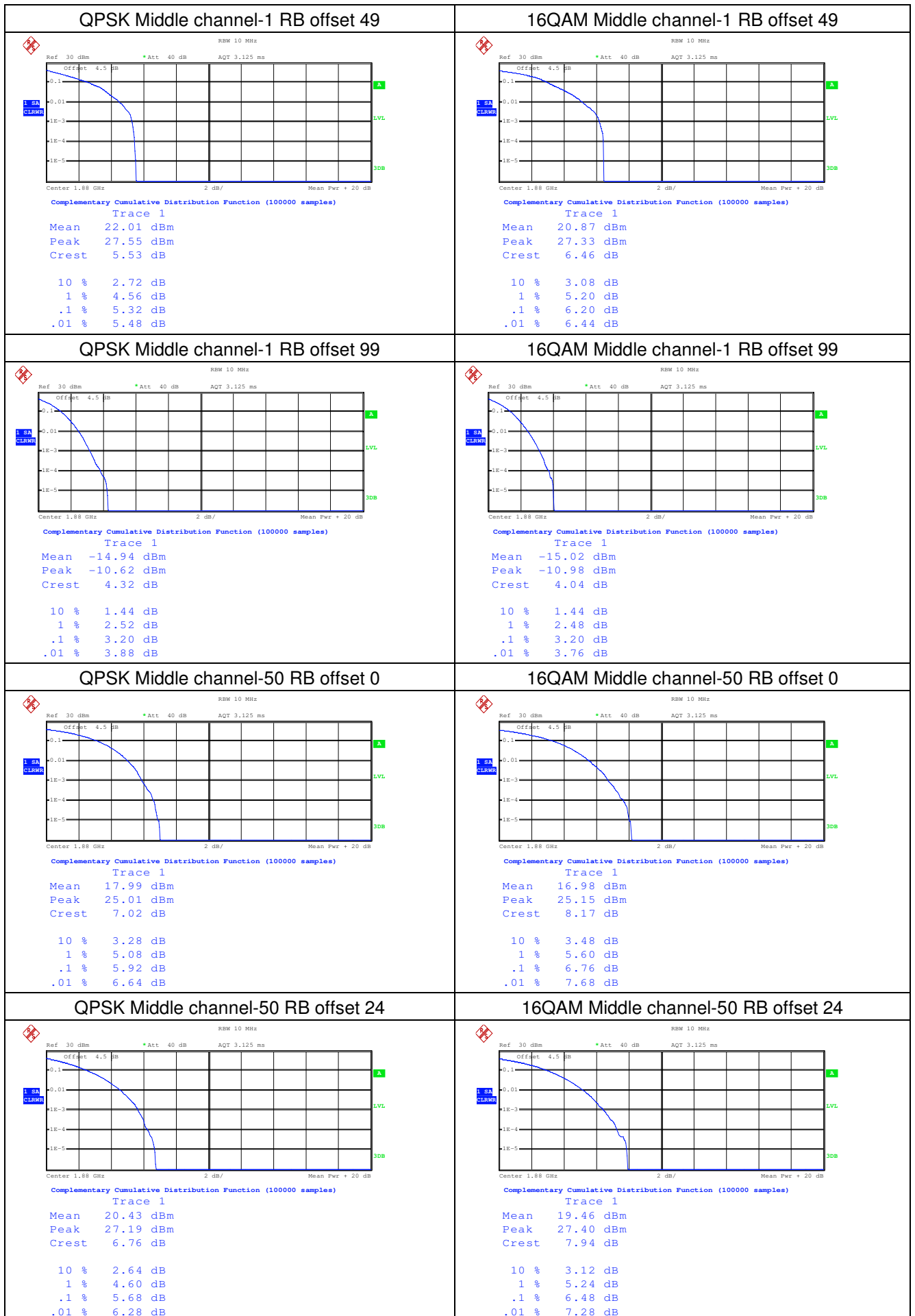


QPSK Middle channel-1 RB offset 0

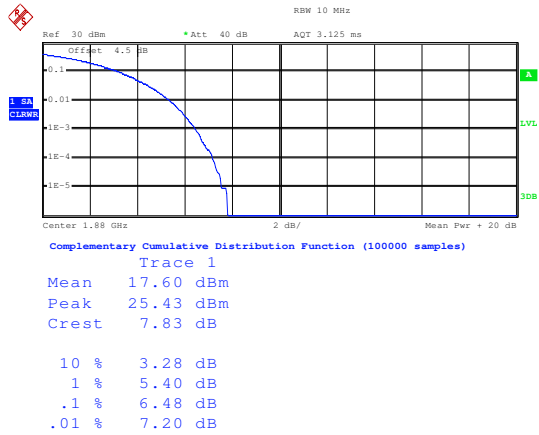


16QAM Middle channel-1 RB offset 0

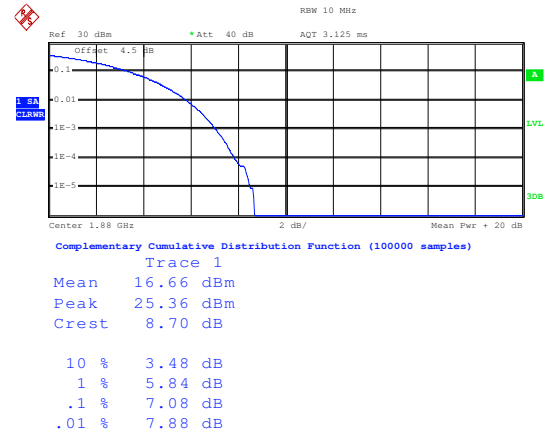




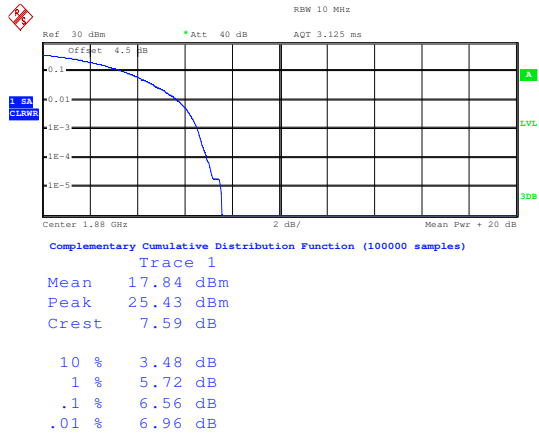
QPSK Middle channel-50 RB offset 50



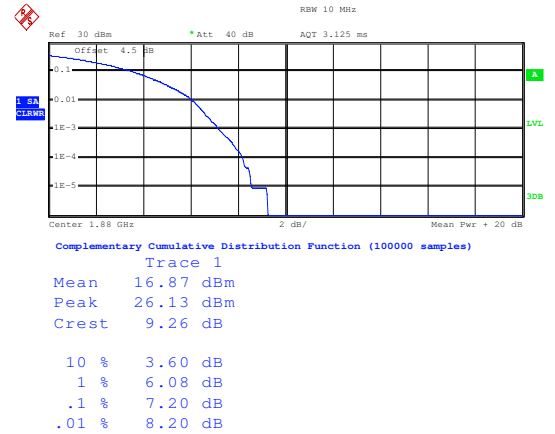
16QAM Middle channel-50 RB offset 50



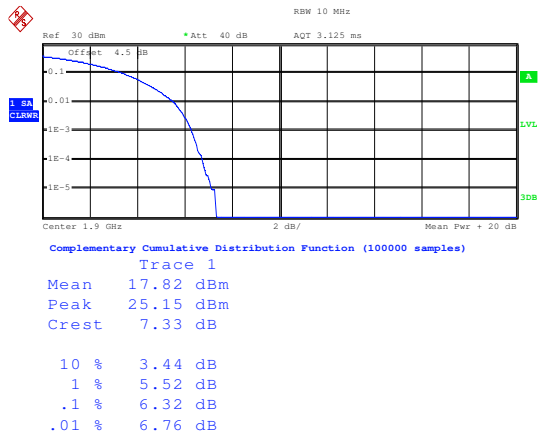
QPSK Middle channel-100 RB offset 0



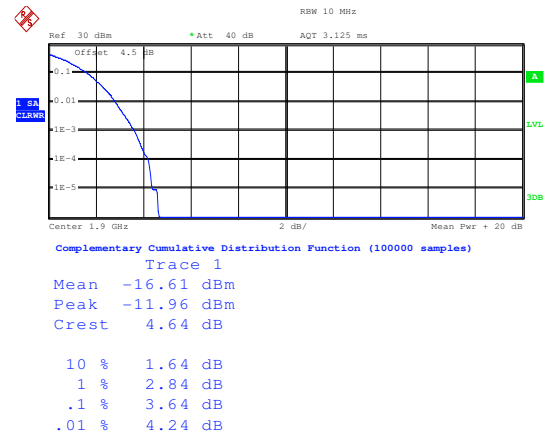
16QAM Middle channel-100 RB offset 0



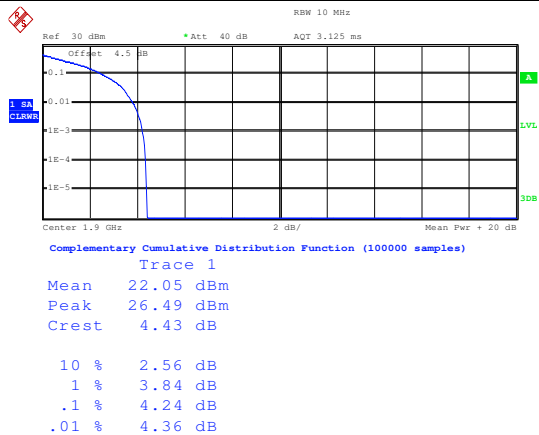
QPSK High channel-1 RB offset 0



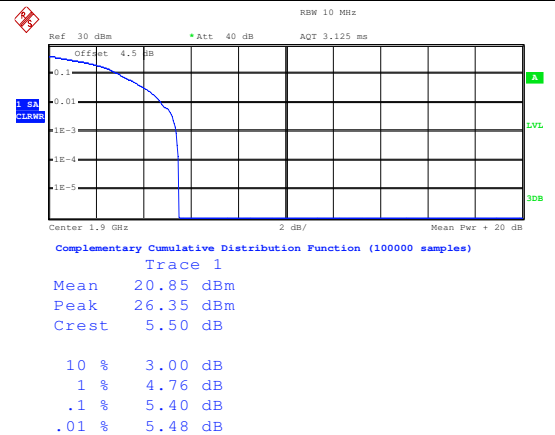
16QAM High channel-1 RB offset 0

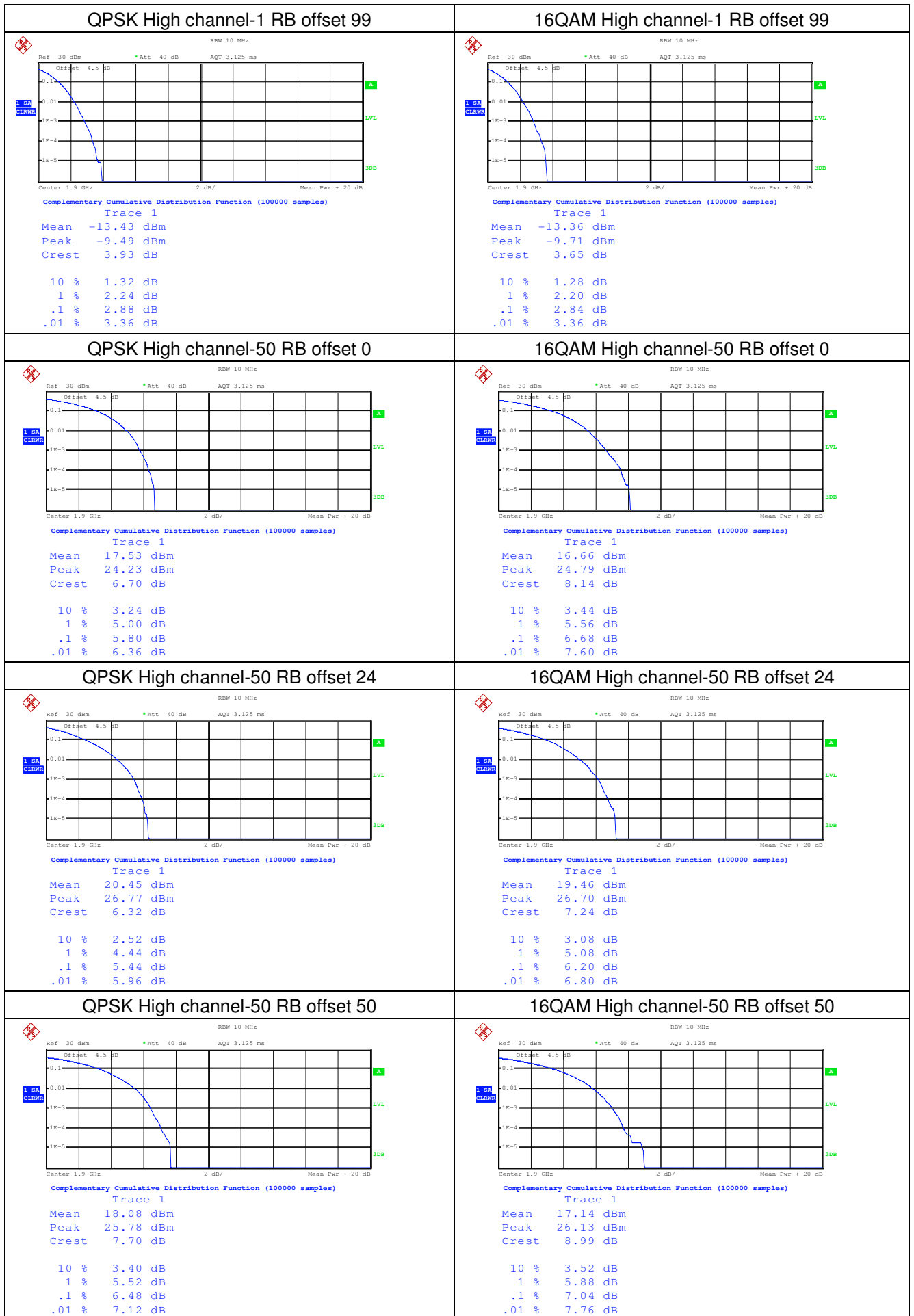


QPSK High channel-1 RB offset 49

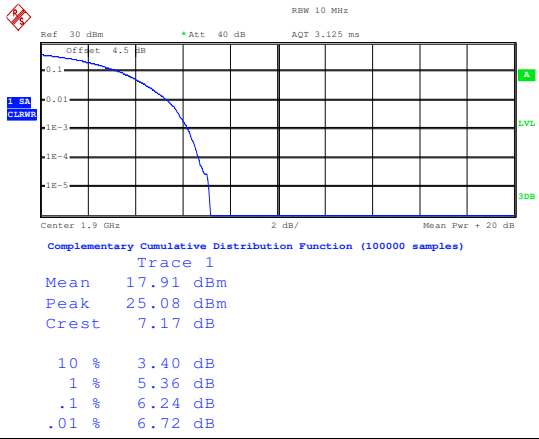


16QAM High channel-1 RB offset 49





QPSK High channel-100 RB offset 0



16QAM High channel-100 RB offset 0

