

LTE FDD Band 4, Nominal Bandwidth: 1.4MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.92	13	Pass
		1	3	4.88	13	Pass
		1	5	4.96	13	Pass
		3	0	5.16	13	Pass
		3	1	5.04	13	Pass
		3	3	5.16	13	Pass
		6	0	5.48	13	Pass
	MCH	1	0	5.12	13	Pass
		1	3	5	13	Pass
		1	5	5.08	13	Pass
		3	0	5.32	13	Pass
		3	1	5.2	13	Pass
		3	3	5.28	13	Pass
		6	0	5.52	13	Pass
	HCH	1	0	4.96	13	Pass
		1	3	4.8	13	Pass
		1	5	4.88	13	Pass
		3	0	5.2	13	Pass
		3	1	5.08	13	Pass
		3	3	5.16	13	Pass
		6	0	5.8	13	Pass
16QAM	LCH	1	0	5.76	13	Pass
		1	3	5.64	13	Pass
		1	5	5.88	13	Pass
		3	0	6.2	13	Pass
		3	1	6.04	13	Pass
		3	3	6.24	13	Pass
		6	0	6.12	13	Pass
	MCH	1	0	5.88	13	Pass
		1	3	6.04	13	Pass
		1	5	5.96	13	Pass
		3	0	6.24	13	Pass
		3	1	6.16	13	Pass
		3	3	6.4	13	Pass
		6	0	6.32	13	Pass
	HCH	1	0	5.72	13	Pass
		1	3	6	13	Pass
		1	5	5.84	13	Pass
		3	0	6.24	13	Pass
		3	1	6.04	13	Pass
		3	3	6.28	13	Pass
		6	0	6.48	13	Pass

LTE FDD Band 4, Nominal Bandwidth: 3.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	5	13	Pass
		1	8	4.84	13	Pass
		1	14	5	13	Pass
		8	0	5.28	13	Pass
		8	4	5.2	13	Pass
		8	7	5.36	13	Pass
		15	0	5.52	13	Pass
	MCH	1	0	5.12	13	Pass
		1	8	4.96	13	Pass
		1	14	5.12	13	Pass
		8	0	5.36	13	Pass
		8	4	5.32	13	Pass
		8	7	5.4	13	Pass
		15	0	5.68	13	Pass
	HCH	1	0	5.04	13	Pass
		1	8	4.96	13	Pass
		1	14	5.04	13	Pass
		8	0	5.52	13	Pass
		8	4	5.48	13	Pass
		8	7	5.52	13	Pass
		15	0	5.84	13	Pass
16QAM	LCH	1	0	5.64	13	Pass
		1	8	5.64	13	Pass
		1	14	6	13	Pass
		8	0	5.88	13	Pass
		8	4	6.12	13	Pass
		8	7	6.12	13	Pass
		15	0	6.36	13	Pass
	MCH	1	0	6.12	13	Pass
		1	8	5.84	13	Pass
		1	14	5.92	13	Pass
		8	0	6.16	13	Pass
		8	4	6.12	13	Pass
		8	7	6.28	13	Pass
		15	0	6.44	13	Pass
	HCH	1	0	5.8	13	Pass
		1	8	6	13	Pass
		1	14	5.72	13	Pass
		8	0	6.32	13	Pass
		8	4	6.36	13	Pass
		8	7	6.32	13	Pass
		15	0	6.72	13	Pass

LTE FDD Band 4, Nominal Bandwidth: 5.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.92	13	Pass
		1	12	4.88	13	Pass
		1	24	5	13	Pass
		12	0	5.16	13	Pass
		12	7	5.16	13	Pass
		12	13	5.24	13	Pass
		25	0	5.4	13	Pass
	MCH	1	0	5.08	13	Pass
		1	12	4.96	13	Pass
		1	24	5	13	Pass
		12	0	5.32	13	Pass
		12	7	5.28	13	Pass
		12	13	5.32	13	Pass
		25	0	5.48	13	Pass
	HCH	1	0	5.08	13	Pass
		1	12	4.88	13	Pass
		1	24	4.92	13	Pass
		12	0	5.48	13	Pass
		12	7	5.36	13	Pass
		12	13	5.48	13	Pass
		25	0	5.68	13	Pass
16QAM	LCH	1	0	5.64	13	Pass
		1	12	5.72	13	Pass
		1	24	5.8	13	Pass
		12	0	6.08	13	Pass
		12	7	6.04	13	Pass
		12	13	6.16	13	Pass
		25	0	6.2	13	Pass
	MCH	1	0	6.08	13	Pass
		1	12	5.72	13	Pass
		1	24	5.88	13	Pass
		12	0	6.24	13	Pass
		12	7	6.08	13	Pass
		12	13	6.2	13	Pass
		25	0	6.28	13	Pass
	HCH	1	0	5.76	13	Pass
		1	12	5.96	13	Pass
		1	24	6	13	Pass
		12	0	6.4	13	Pass
		12	7	6.24	13	Pass
		12	13	6.36	13	Pass
		25	0	6.52	13	Pass

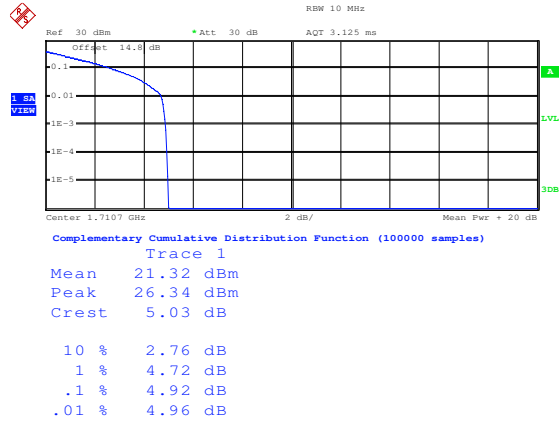
LTE FDD Band 4, Nominal Bandwidth: 10.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.96	13	Pass
		1	25	4.88	13	Pass
		1	49	5.08	13	Pass
		25	0	5.2	13	Pass
		25	12	5.24	13	Pass
		25	25	5.48	13	Pass
		50	0	5.4	13	Pass
	MCH	1	0	5.12	13	Pass
		1	25	4.96	13	Pass
		1	49	5	13	Pass
		25	0	5.32	13	Pass
		25	12	5.24	13	Pass
		25	25	5.48	13	Pass
		50	0	5.48	13	Pass
	HCH	1	0	5	13	Pass
		1	25	4.92	13	Pass
		1	49	4.92	13	Pass
		25	0	5.36	13	Pass
		25	12	5.44	13	Pass
		25	25	5.64	13	Pass
		50	0	5.6	13	Pass
16QAM	LCH	1	0	5.68	13	Pass
		1	25	5.64	13	Pass
		1	49	5.88	13	Pass
		25	0	6.08	13	Pass
		25	12	6.04	13	Pass
		25	25	6.24	13	Pass
		50	0	6.24	13	Pass
	MCH	1	0	5.8	13	Pass
		1	25	5.76	13	Pass
		1	49	5.88	13	Pass
		25	0	6.2	13	Pass
		25	12	6.16	13	Pass
		25	25	6.32	13	Pass
		50	0	6.24	13	Pass
	HCH	1	0	5.96	13	Pass
		1	25	5.76	13	Pass
		1	49	5.72	13	Pass
		25	0	6.28	13	Pass
		25	12	6.28	13	Pass
		25	25	6.52	13	Pass
		50	0	6.4	13	Pass

LTE FDD Band 4, Nominal Bandwidth: 15.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.96	13	Pass
		1	37	4.92	13	Pass
		1	74	7.08	13	Pass
		36	0	5.24	13	Pass
		36	20	5.44	13	Pass
		36	39	5.68	13	Pass
		75	0	5.76	13	Pass
	MCH	1	0	5.92	13	Pass
		1	37	4.92	13	Pass
		1	74	6.92	13	Pass
		36	0	5.24	13	Pass
		36	20	5.44	13	Pass
		36	39	5.64	13	Pass
		75	0	5.72	13	Pass
	HCH	1	0	6.04	13	Pass
		1	37	4.72	13	Pass
		1	74	7.2	13	Pass
		36	0	5.28	13	Pass
		36	20	5.52	13	Pass
		36	39	5.68	13	Pass
		75	0	5.72	13	Pass
16QAM	LCH	1	0	5.68	13	Pass
		1	37	5.68	13	Pass
		1	74	7.72	13	Pass
		36	0	6.36	13	Pass
		36	20	6.2	13	Pass
		36	39	6.72	13	Pass
		75	0	6.72	13	Pass
	MCH	1	0	5.72	13	Pass
		1	37	5.8	13	Pass
		1	74	7.56	13	Pass
		36	0	6.36	13	Pass
		36	20	6.24	13	Pass
		36	39	6.64	13	Pass
		75	0	6.72	13	Pass
	HCH	1	0	5.92	13	Pass
		1	37	5.72	13	Pass
		1	74	7.72	13	Pass
		36	0	6.32	13	Pass
		36	20	6.4	13	Pass
		36	39	6.72	13	Pass
		75	0	6.68	13	Pass

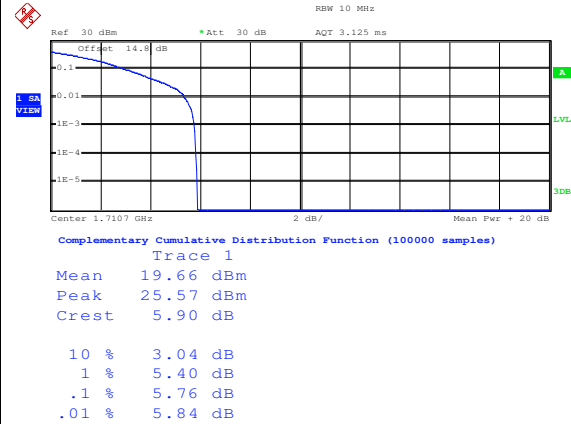
LTE FDD Band 4, Nominal Bandwidth: 20.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	7.36	13	Pass
		1	50	4.96	13	Pass
		1	99	7.44	13	Pass
		50	0	6.08	13	Pass
		50	25	5.44	13	Pass
		50	50	6.52	13	Pass
		100	0	6.4	13	Pass
	MCH	1	0	6.8	13	Pass
		1	50	4.92	13	Pass
		1	99	6.76	13	Pass
		50	0	6.08	13	Pass
		50	25	5.44	13	Pass
		50	50	6.56	13	Pass
		100	0	6.4	13	Pass
	HCH	1	0	6.76	13	Pass
		1	50	4.84	13	Pass
		1	99	6.6	13	Pass
		50	0	6.12	13	Pass
		50	25	5.48	13	Pass
		50	50	6.52	13	Pass
		100	0	6.4	13	Pass
16QAM	LCH	1	0	6.92	13	Pass
		1	50	5.76	13	Pass
		1	99	7.04	13	Pass
		50	0	6.88	13	Pass
		50	25	6.28	13	Pass
		50	50	7.24	13	Pass
		100	0	7	13	Pass
	MCH	1	0	7.2	13	Pass
		1	50	5.68	13	Pass
		1	99	6.72	13	Pass
		50	0	6.8	13	Pass
		50	25	6.28	13	Pass
		50	50	7.04	13	Pass
		100	0	7.08	13	Pass
	HCH	1	0	6.92	13	Pass
		1	50	5.56	13	Pass
		1	99	7.64	13	Pass
		50	0	6.8	13	Pass
		50	25	6.4	13	Pass
		50	50	7.12	13	Pass
		100	0	7.08	13	Pass

LTE FDD Band 4, Nominal Bandwidth: 1.4MHz

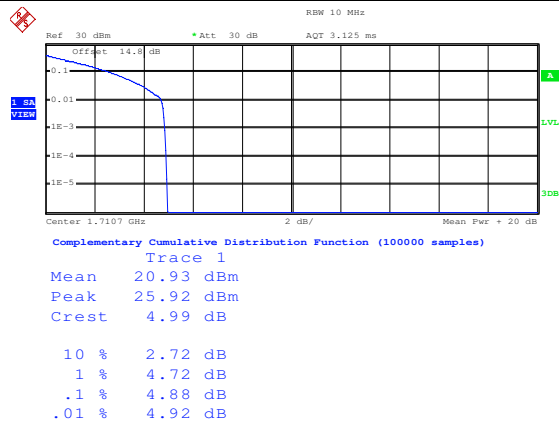
QPSK Low channel-1 RB offset 0



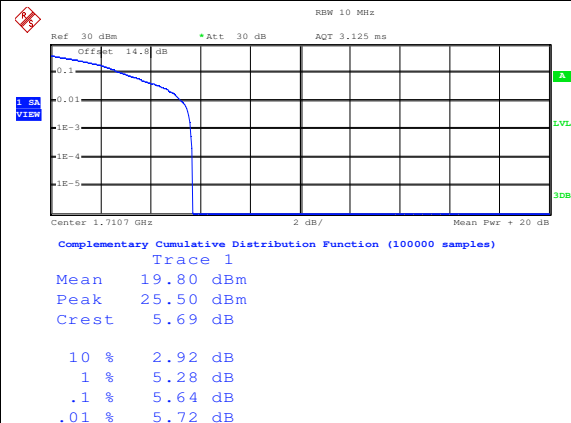
16QAM Low channel-1 RB offset 0



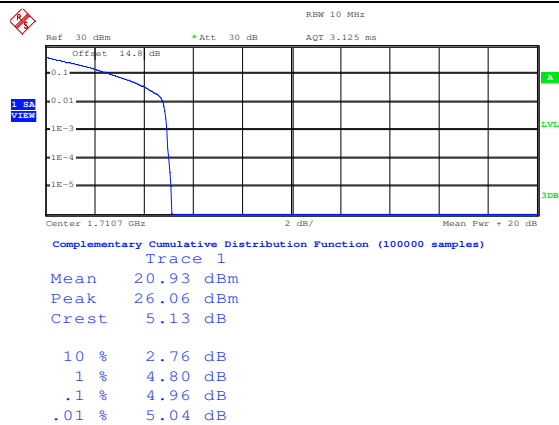
QPSK Low channel-1 RB offset 3



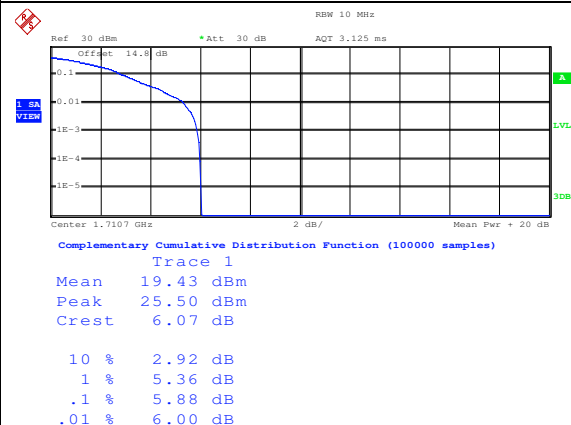
16QAM Low channel-1 RB offset 3



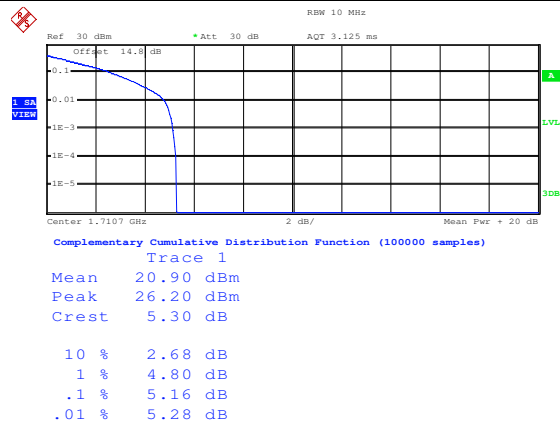
QPSK Low channel-1 RB offset 5



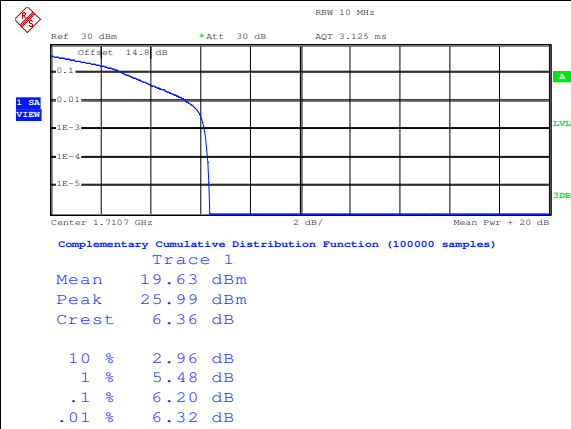
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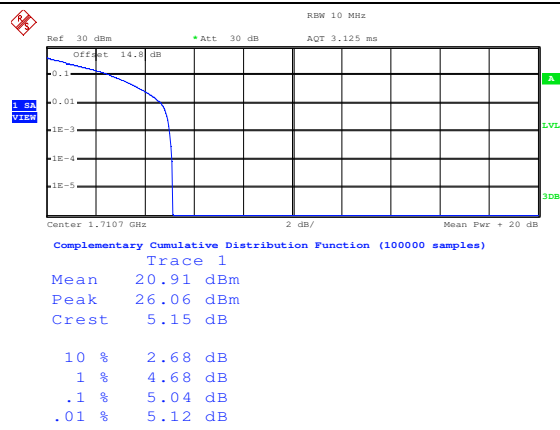
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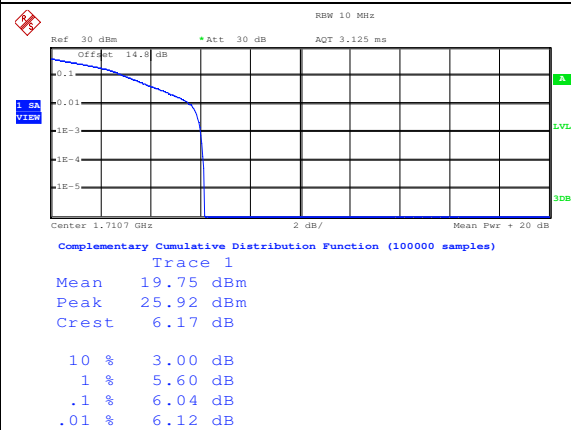
16QAM Low channel-3 RB offset 0



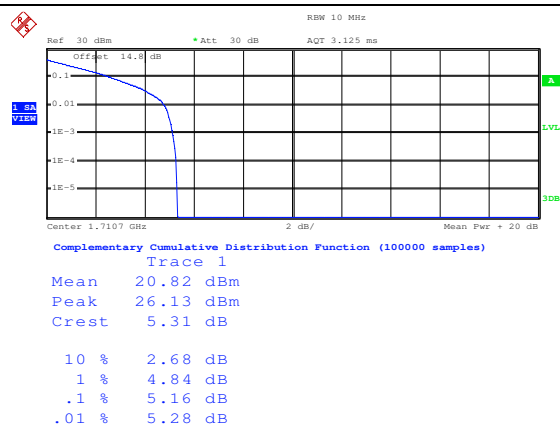
QPSK Low channel-3 RB offset 1



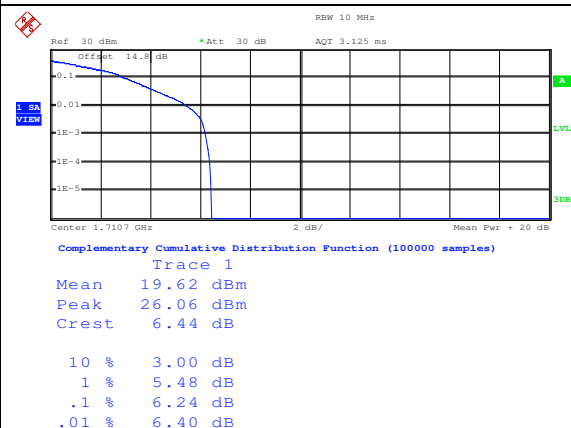
16QAM Low channel-3 RB offset 1



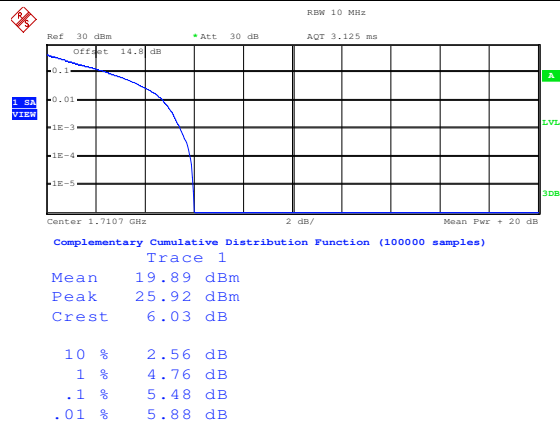
QPSK Low channel-3 RB offset 3



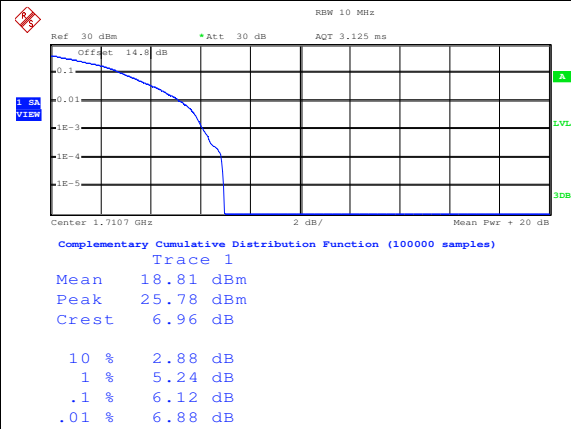
16QAM Low channel-3 RB offset 3



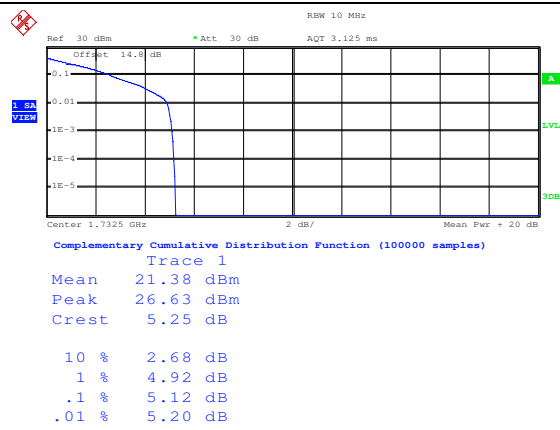
QPSK Low channel-6 RB offset 0



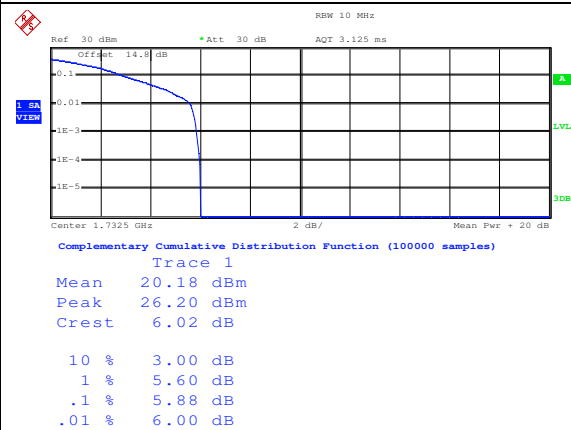
16QAM Low channel-6 RB offset 0



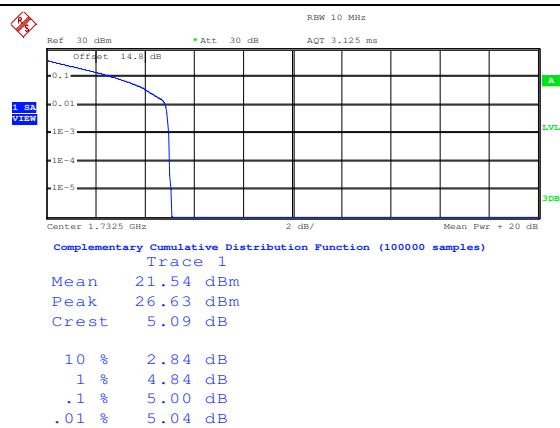
QPSK Middle channel-1 RB offset 0



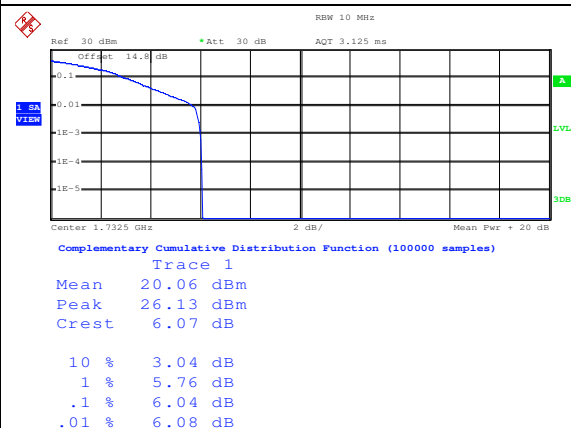
16QAM Middle channel-1 RB offset 0



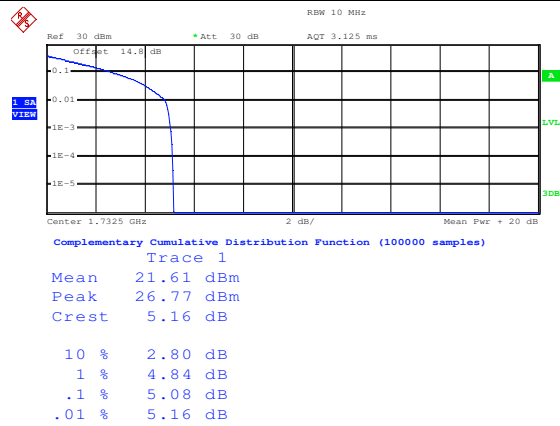
QPSK Middle channel-1 RB offset 3



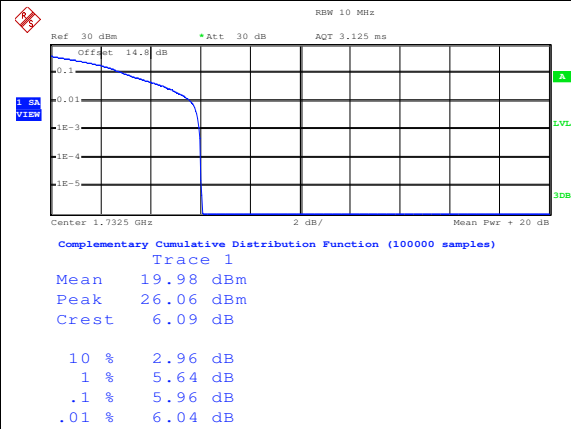
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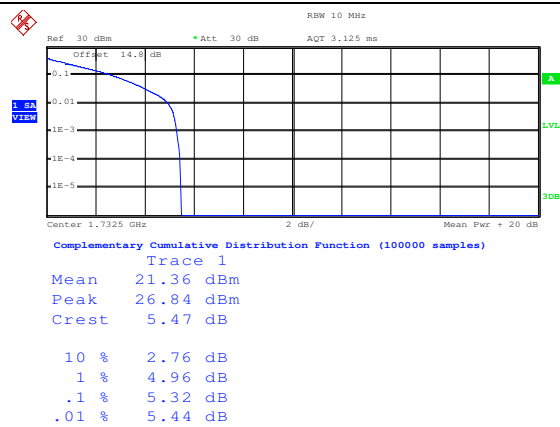
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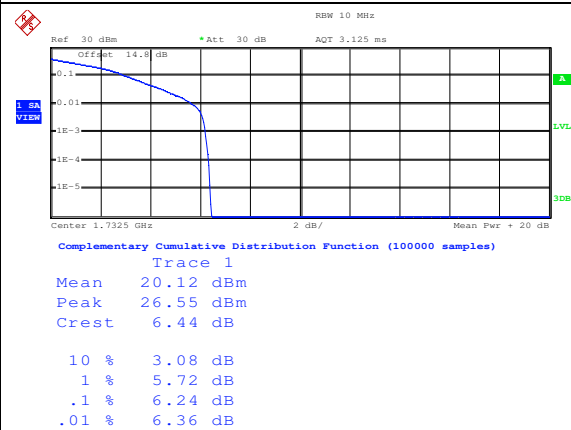
16QAM Middle channel-1 RB offset 5



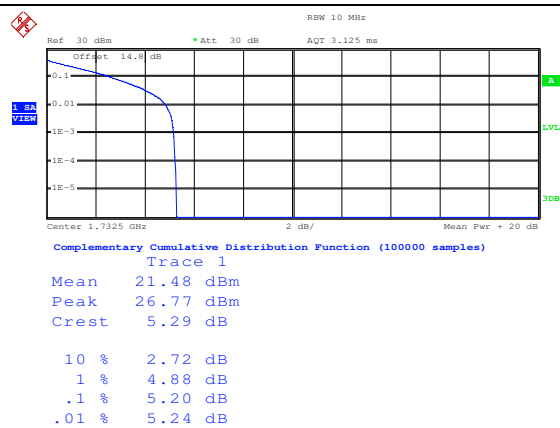
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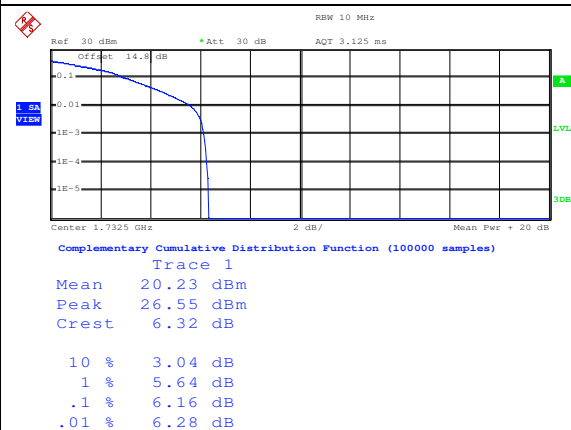
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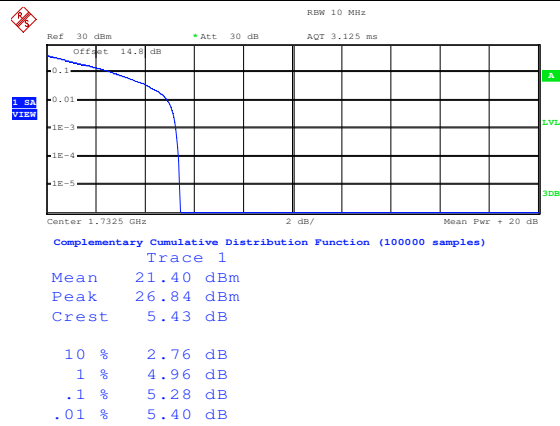
QPSK Middle channel-3 RB offset 1



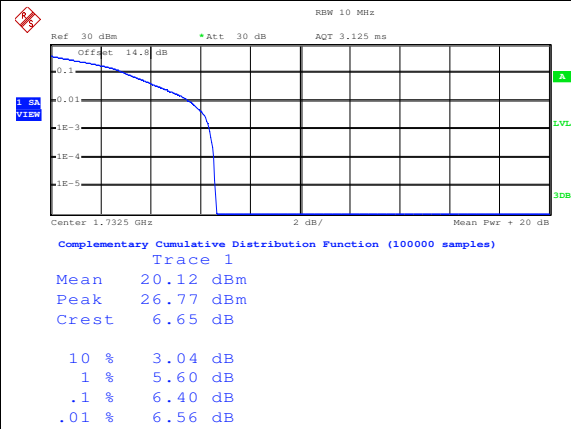
16QAM Middle channel-3 RB offset 1



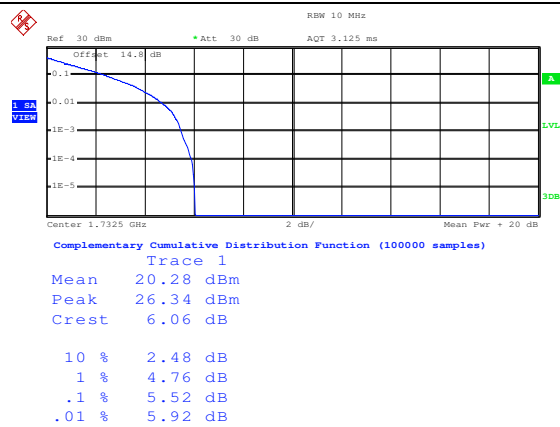
QPSK Middle channel-3 RB offset 3



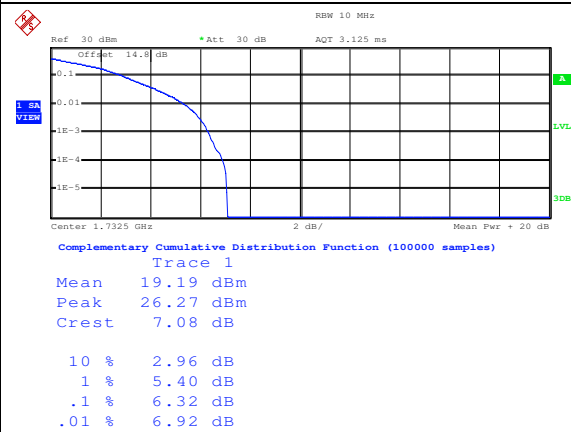
16QAM Middle channel-3 RB offset 3



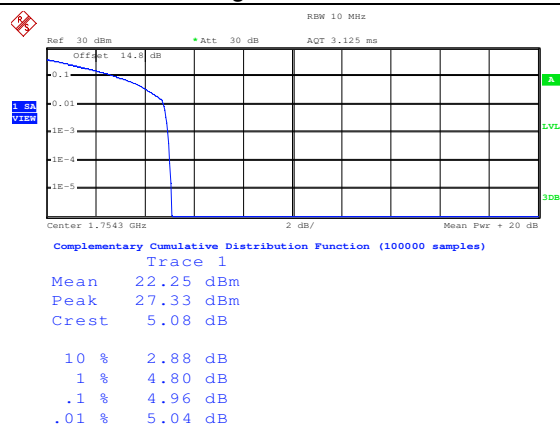
QPSK Middle channel-6 RB offset 0



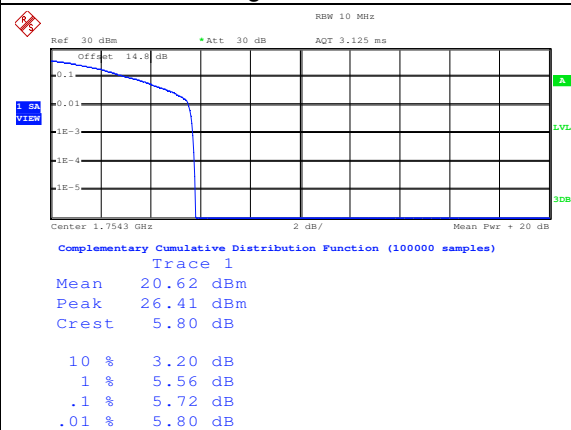
16QAM Middle channel-6 RB offset 0



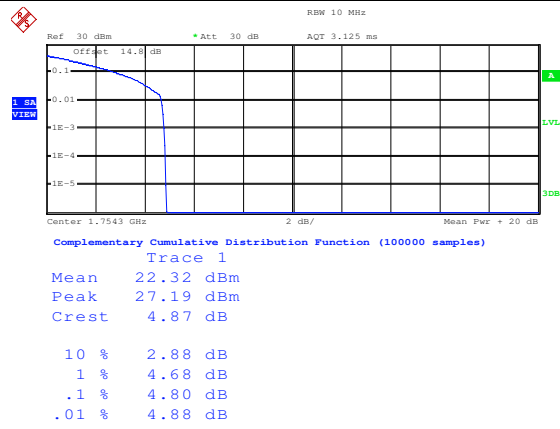
QPSK High channel-1 RB offset 0



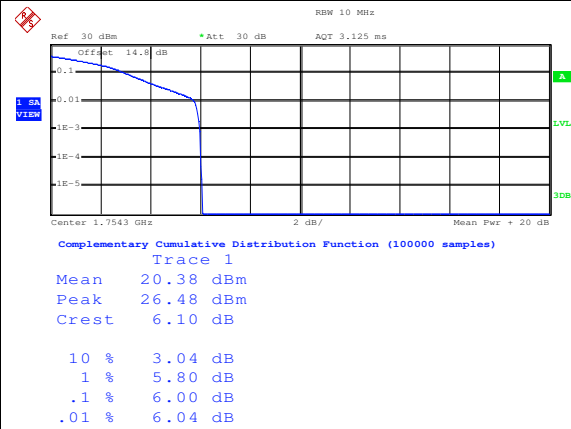
16QAM High channel-1 RB offset 0



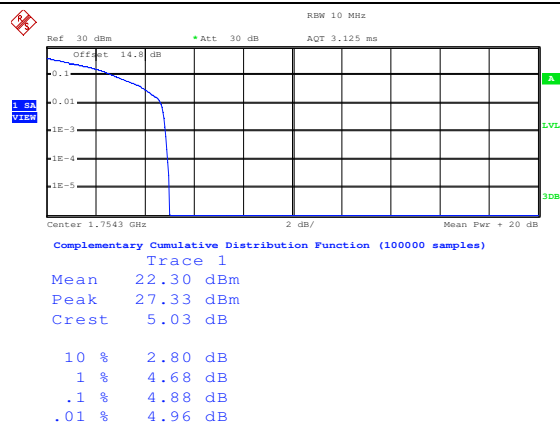
QPSK High channel-1 RB offset 3



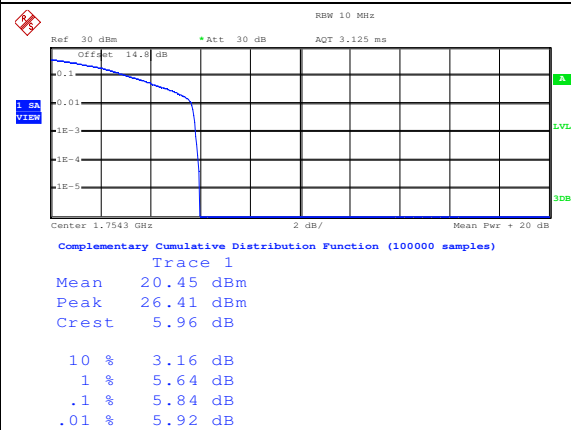
16QAM High channel-1 RB offset 3



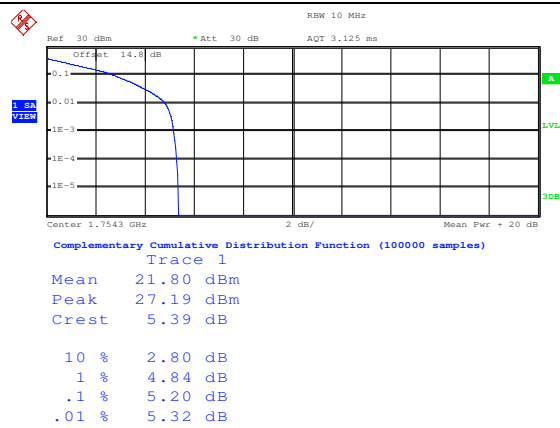
QPSK High channel-1 RB offset 5



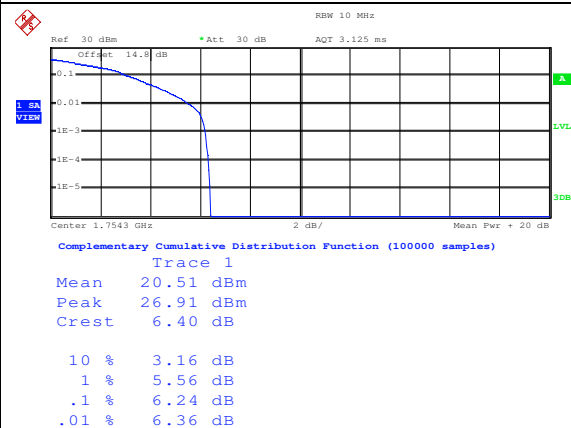
16QAM High channel-1 RB offset 5



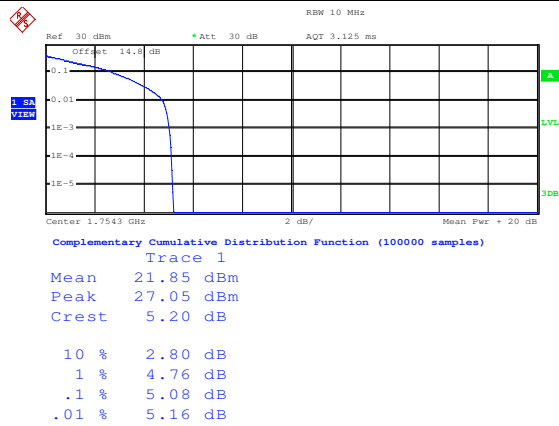
QPSK High channel-3 RB offset 0



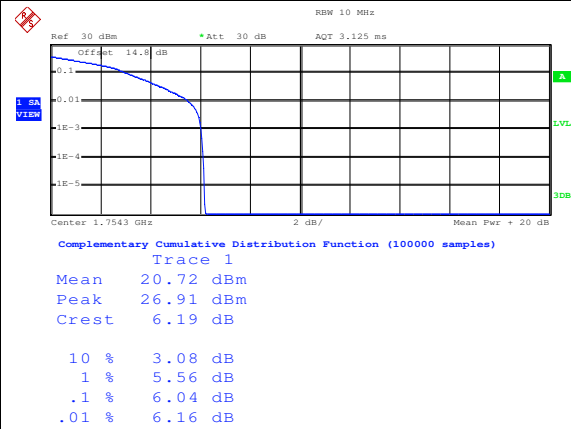
16QAM High channel-3 RB offset 0



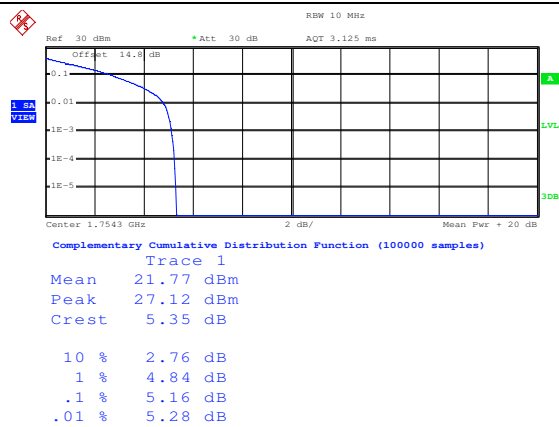
QPSK High channel-3 RB offset 1



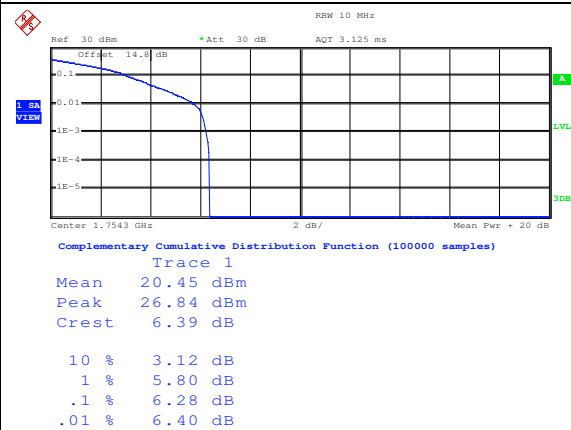
16QAM High channel-3 RB offset 1



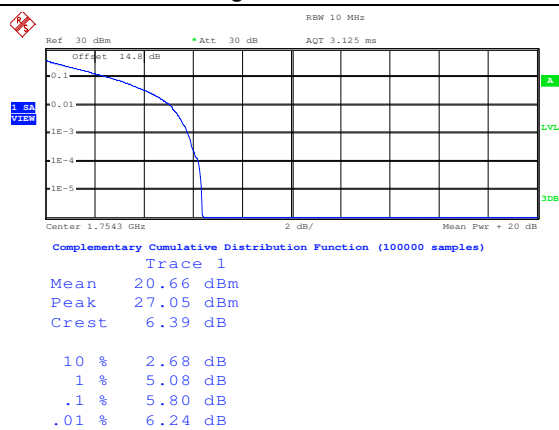
QPSK High channel-3 RB offset 3



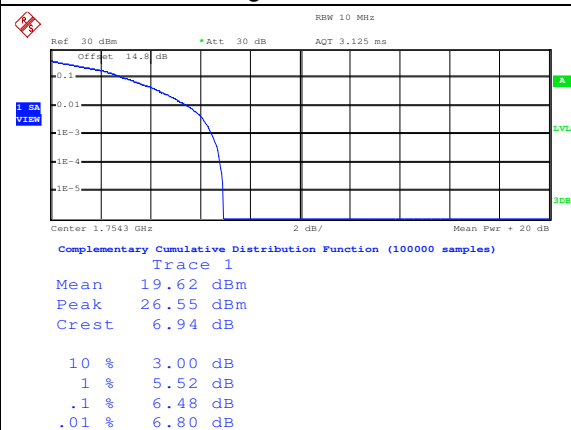
16QAM High channel-3 RB offset 3



QPSK High channel-6 RB offset 0

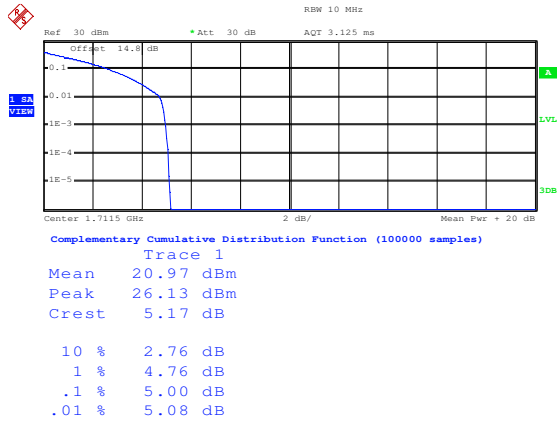


16QAM High channel-6 RB offset 0

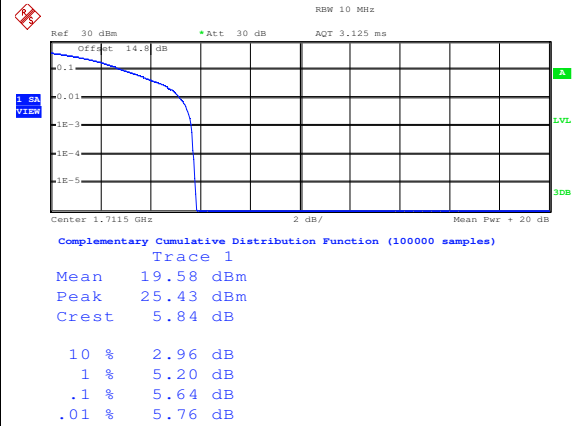


LTE FDD Band 4, Nominal Bandwidth: 3MHz

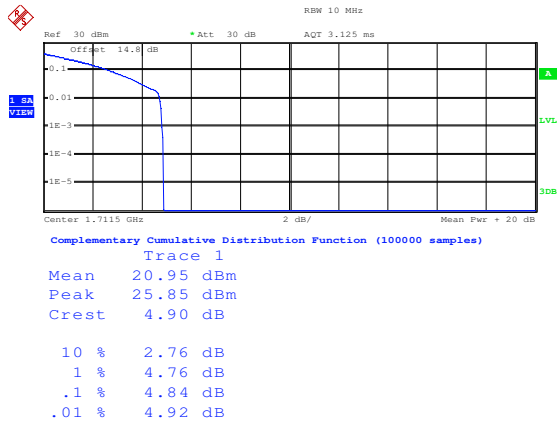
QPSK Low channel-1 RB offset 0



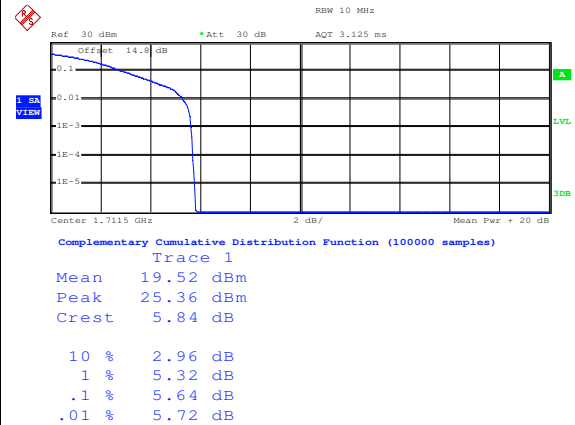
16QAM Low channel-1 RB offset 0



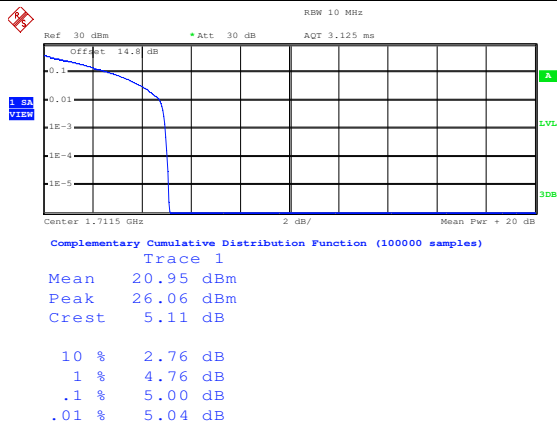
QPSK Low channel-1 RB offset 8



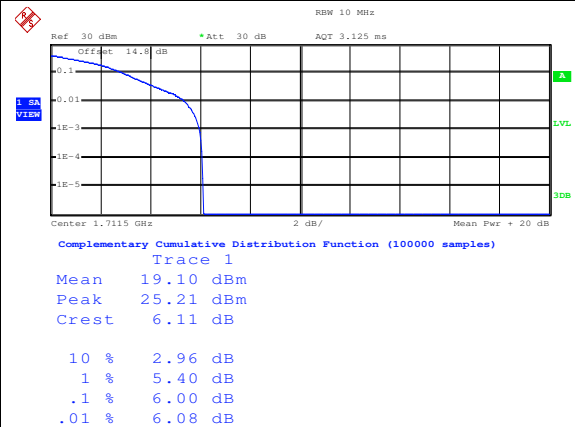
16QAM Low channel-1 RB offset 8



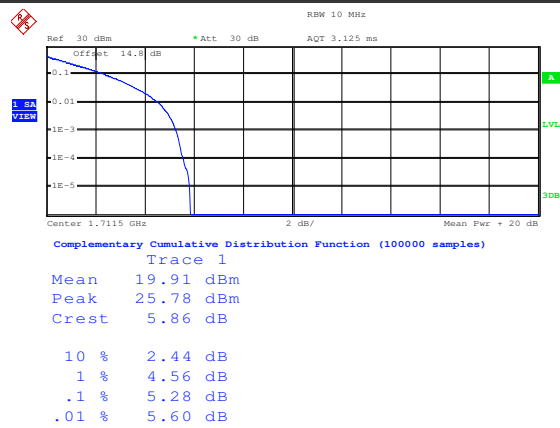
QPSK Low channel-1 RB offset 14



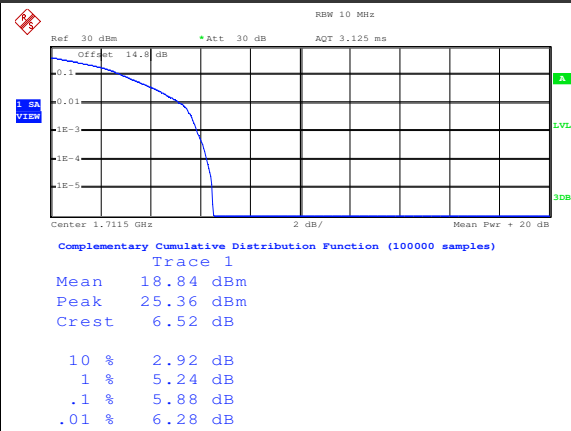
16QAM Low channel-1 RB offset 14



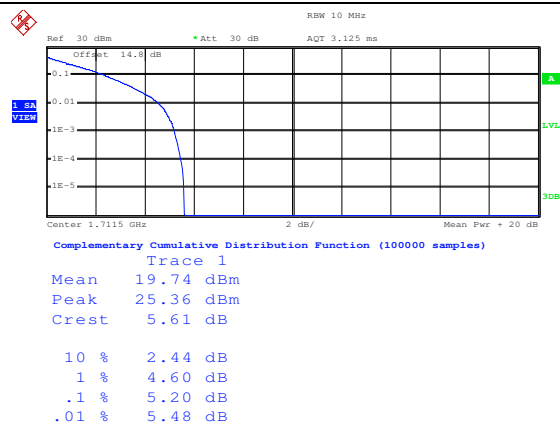
QPSK Low channel-8 RB offset 0



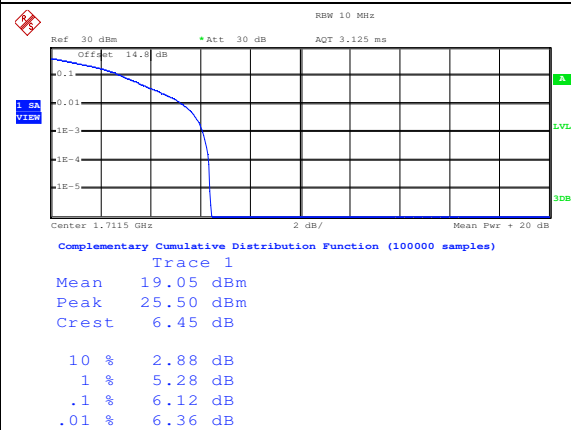
16QAM Low channel-8 RB offset 0



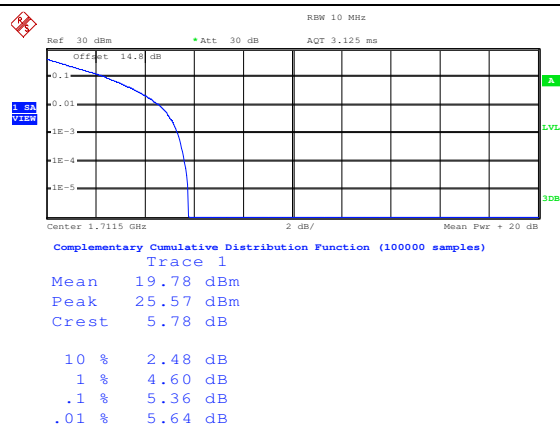
QPSK Low channel-8 RB offset 4



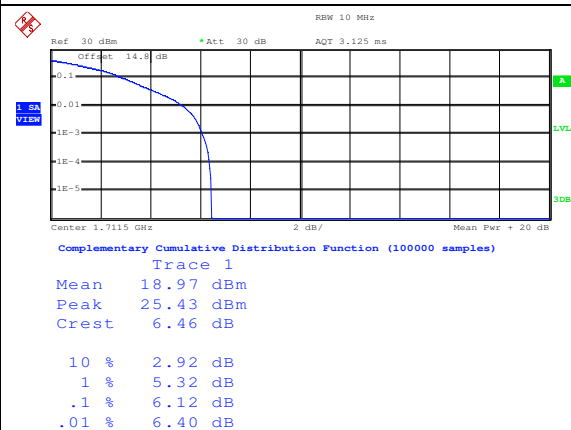
16QAM Low channel-8 RB offset 4

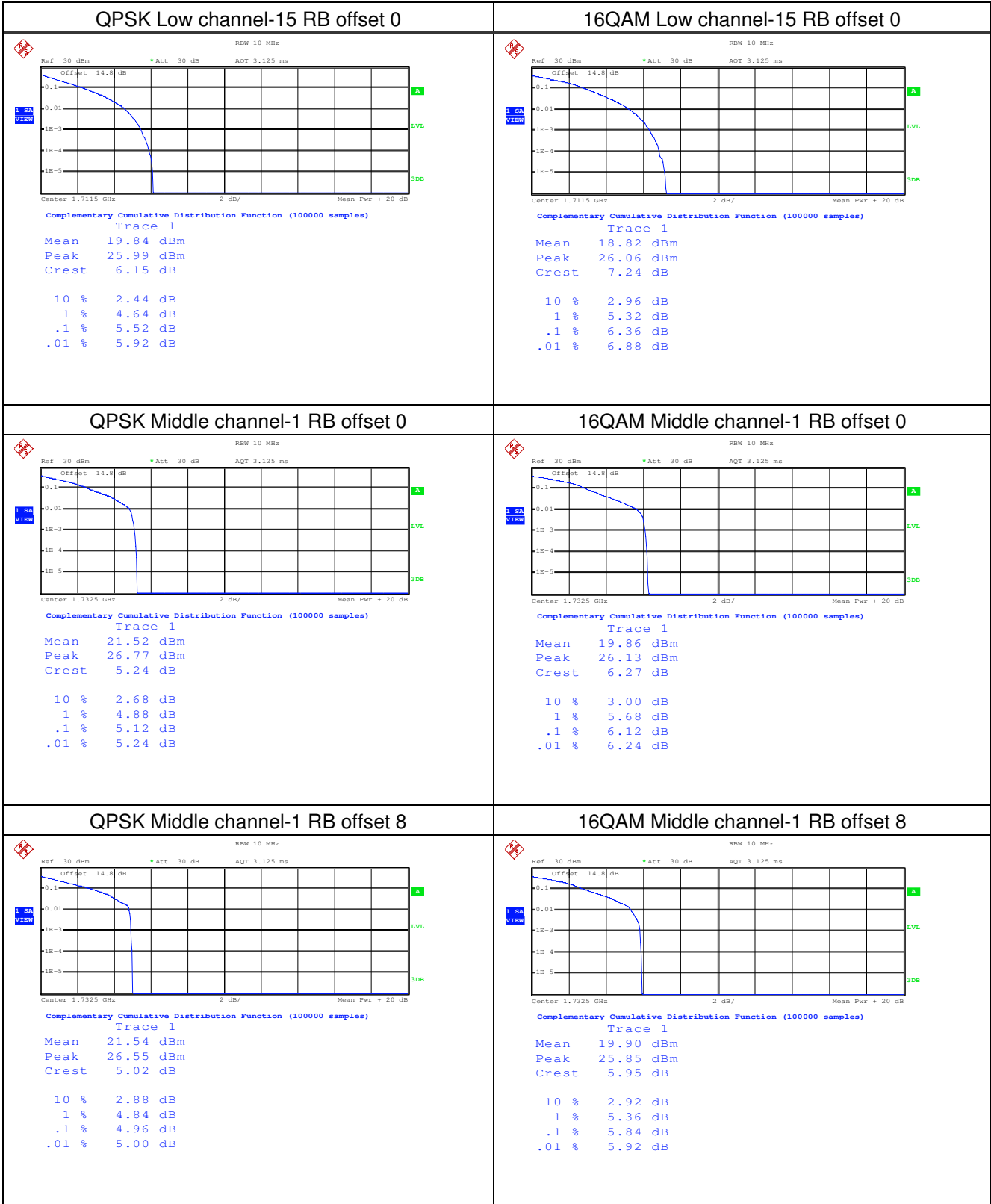


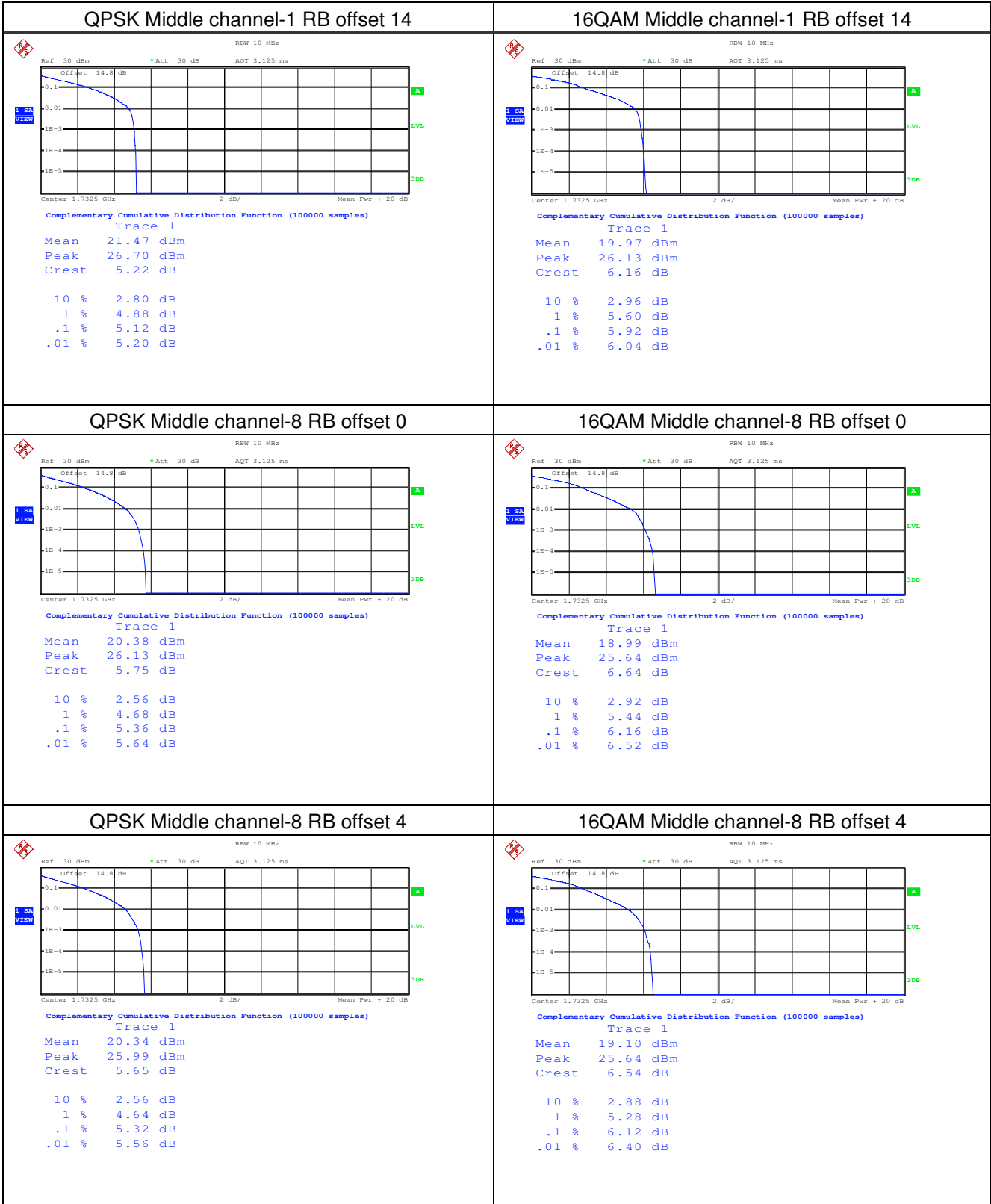
QPSK Low channel-8 RB offset 7



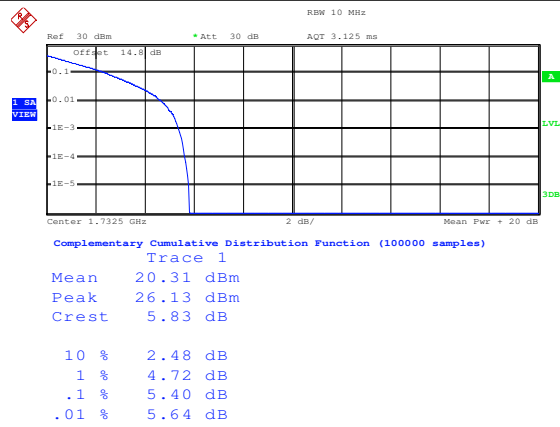
16QAM Low channel-8 RB offset 7



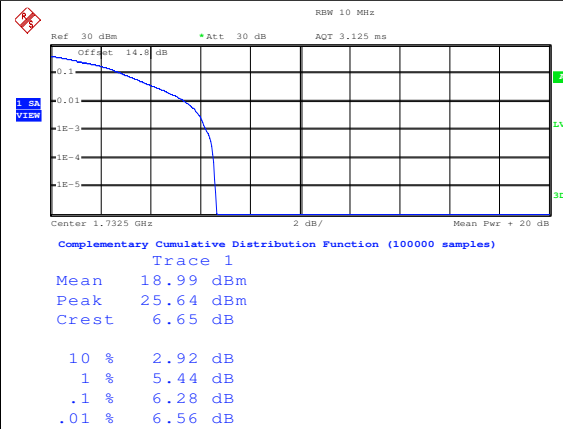




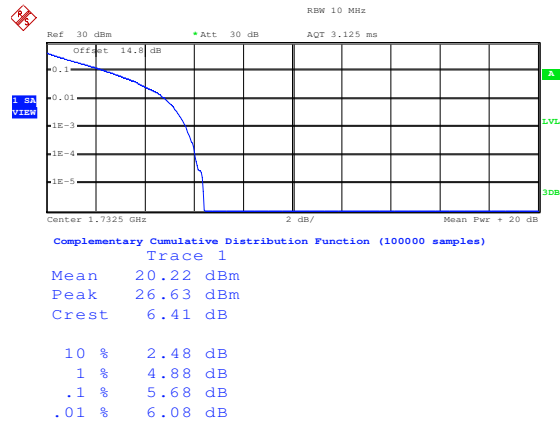
QPSK Middle channel-8 RB offset 7



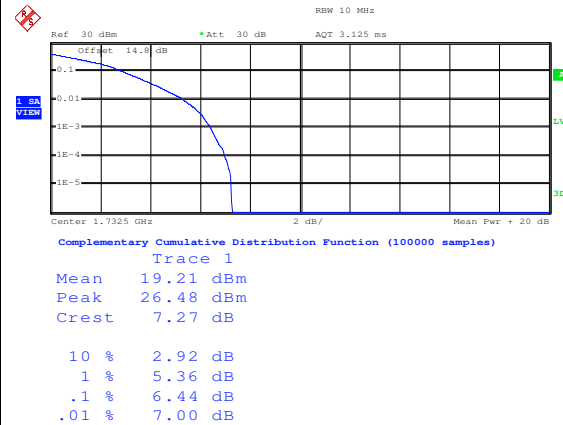
16QAM Middle channel-8 RB offset 7



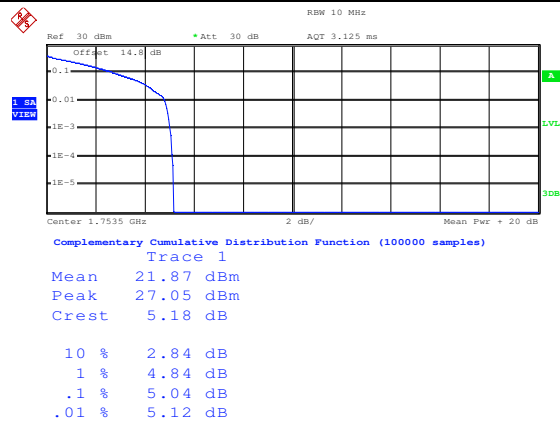
QPSK Middle channel-15 RB offset 0



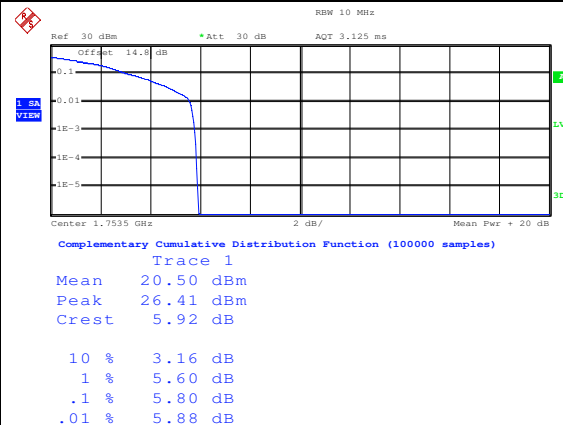
16QAM Middle channel-15 RB offset 0



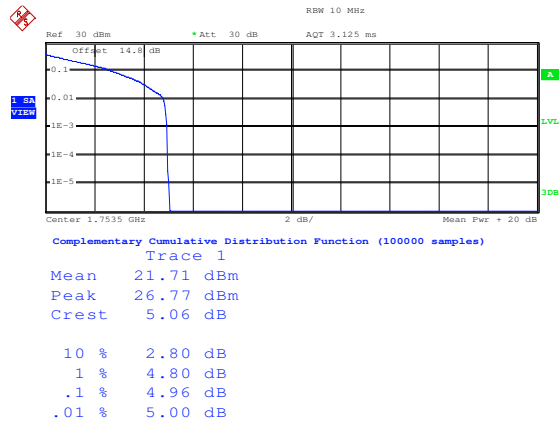
QPSK High channel-1 RB offset 0



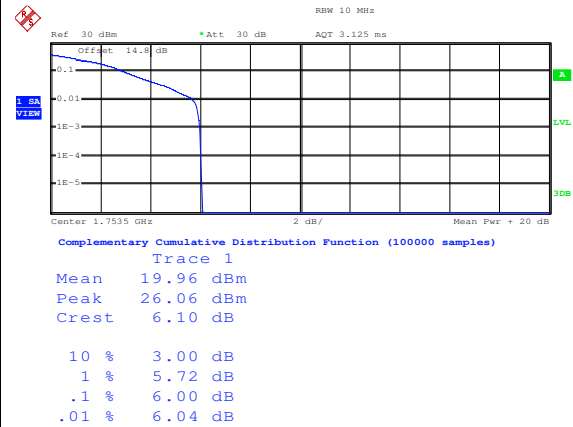
16QAM High channel-1 RB offset 0



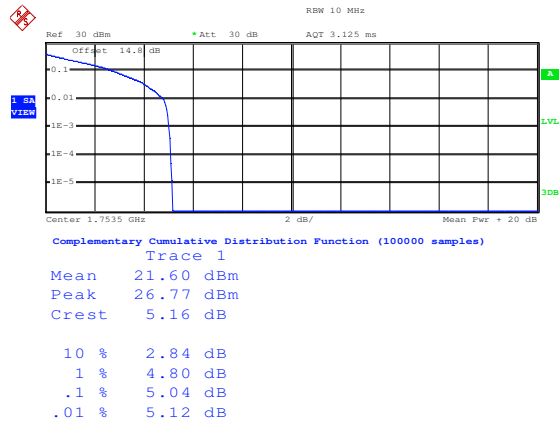
QPSK High channel-1 RB offset 8



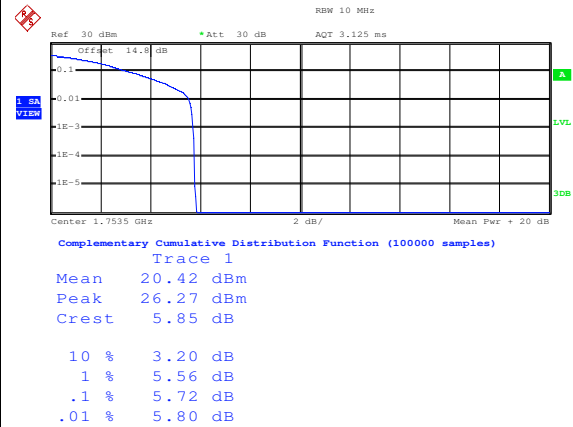
16QAM High channel-1 RB offset 8



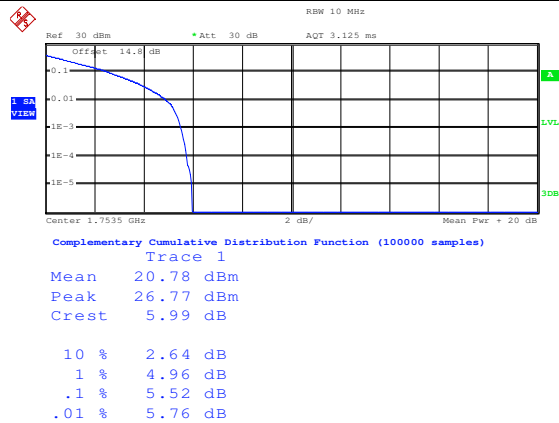
QPSK High channel-1 RB offset 14



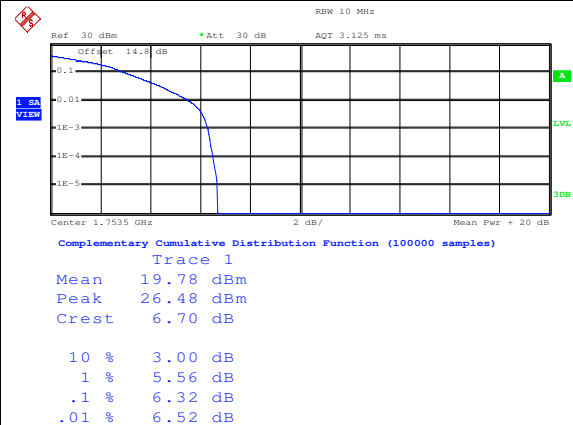
16QAM High channel-1 RB offset 14



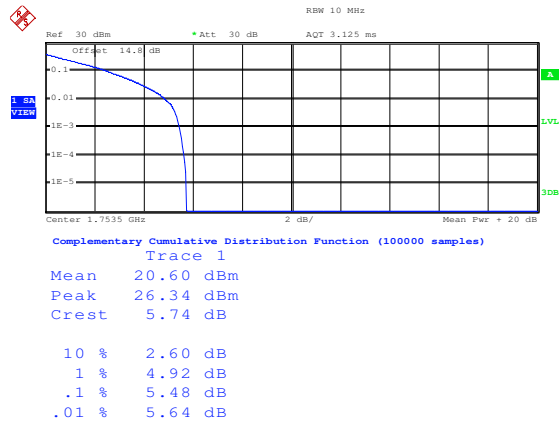
QPSK High channel-8 RB offset 0



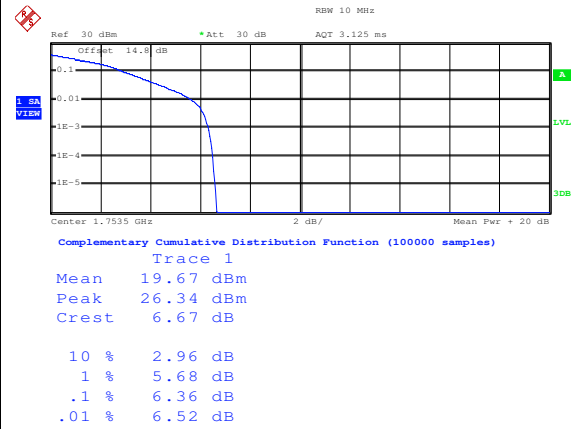
16QAM High channel-8 RB offset 0



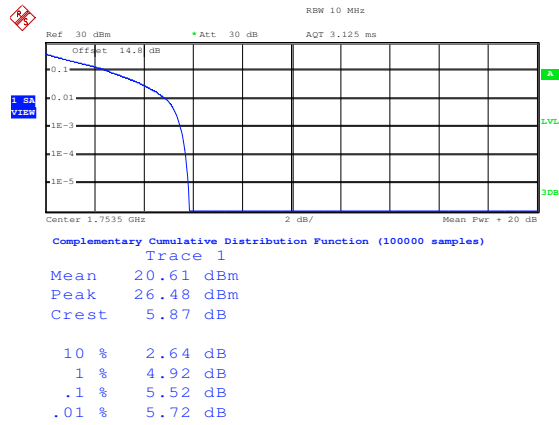
QPSK High channel-8 RB offset 4



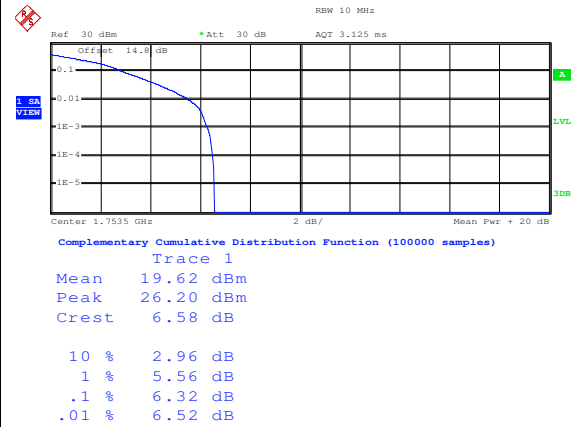
16QAM High channel-8 RB offset 4



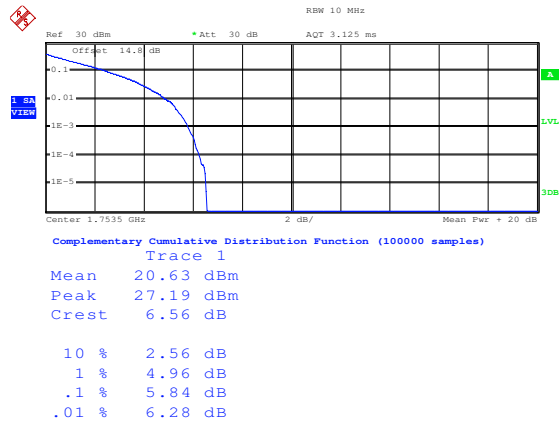
QPSK High channel-8 RB offset 7



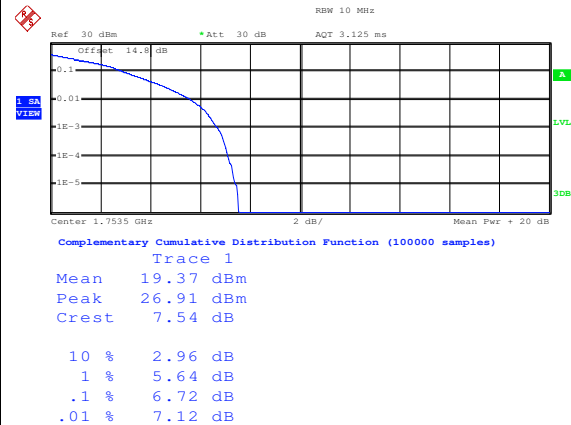
16QAM High channel-8 RB offset 7



QPSK High channel-15 RB offset 0

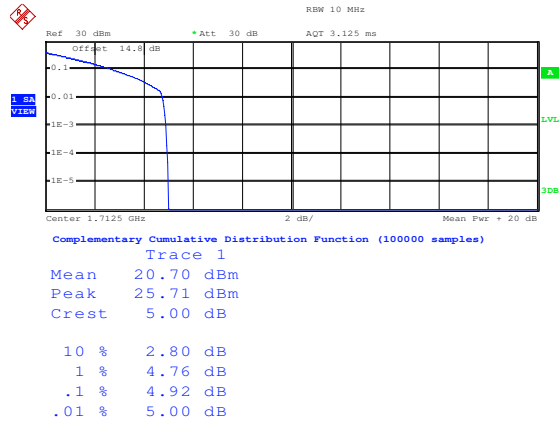


16QAM High channel-15 RB offset 0

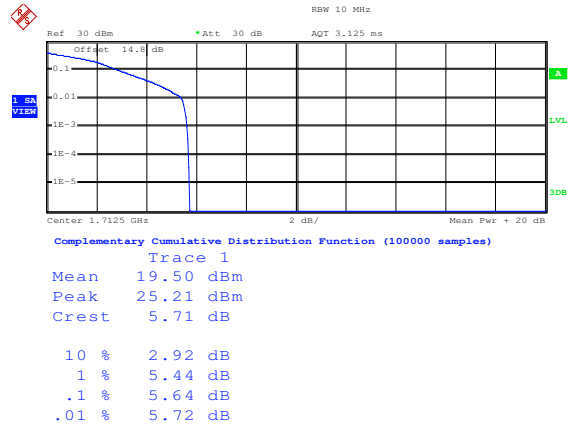


LTE FDD Band 4, Nominal Bandwidth: 5MHz

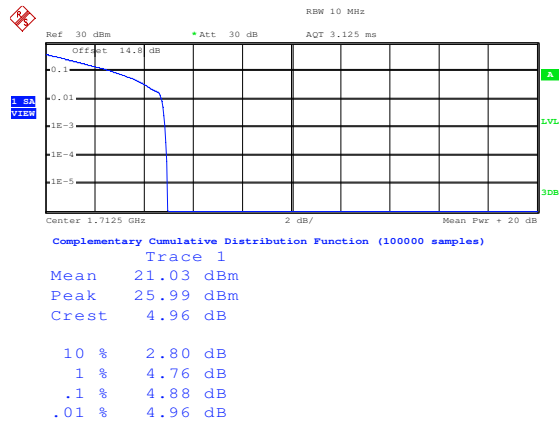
QPSK Low channel-1 RB offset 0



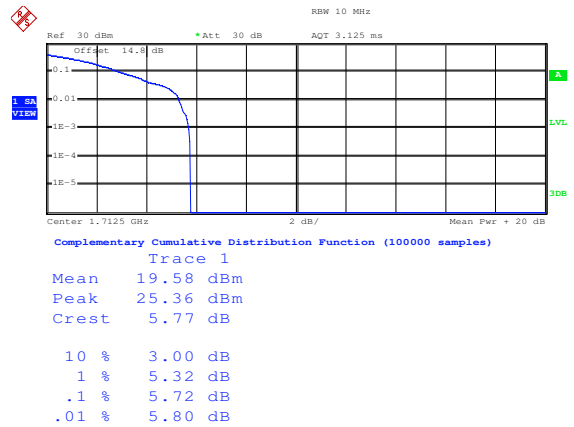
16QAM Low channel-1 RB offset 0



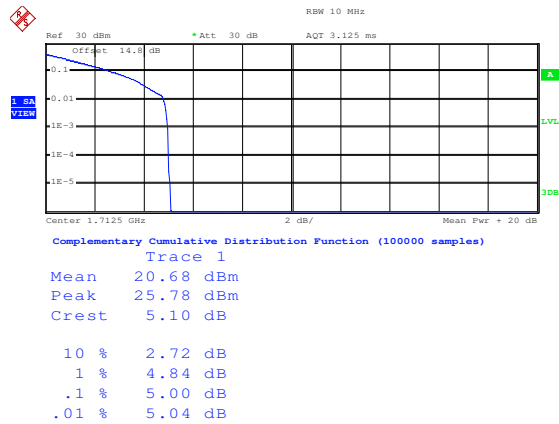
QPSK Low channel-1 RB offset 12



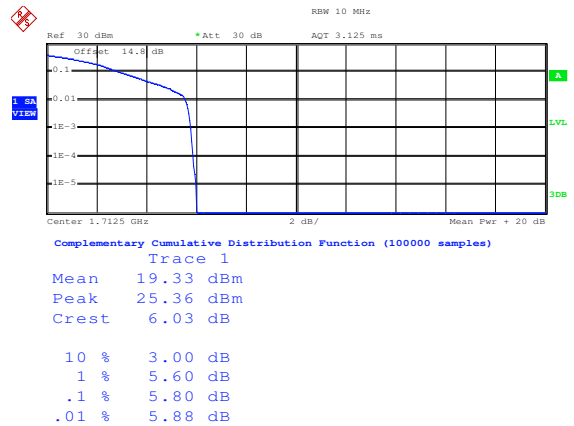
16QAM Low channel-1 RB offset 12



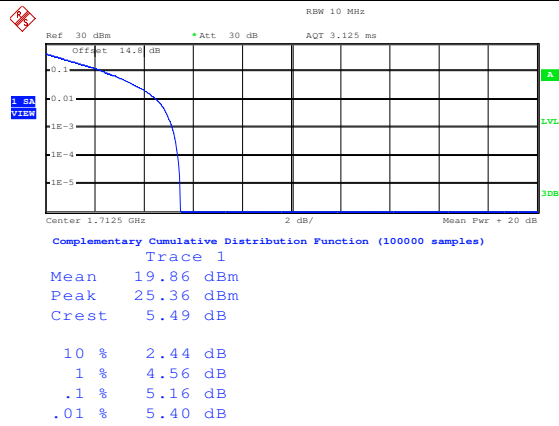
QPSK Low channel-1 RB offset 24



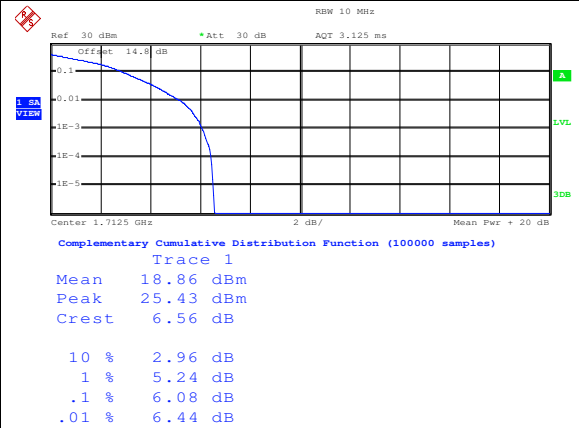
16QAM Low channel-1 RB offset 24



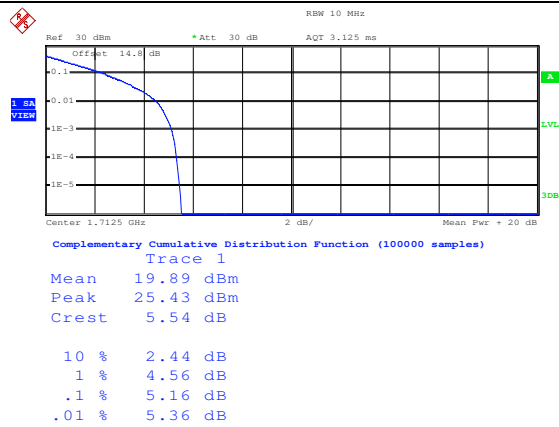
QPSK Low channel-12 RB offset 0



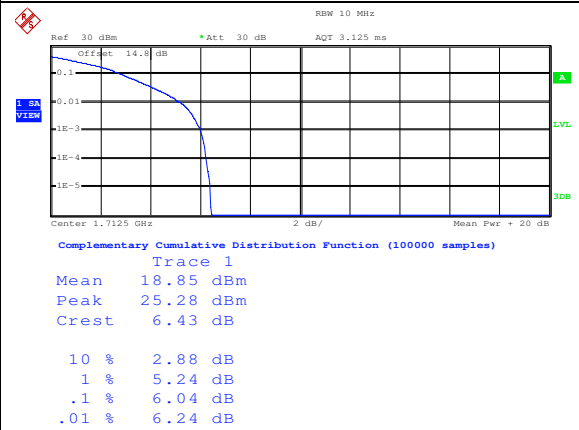
16QAM Low channel-12 RB offset 0



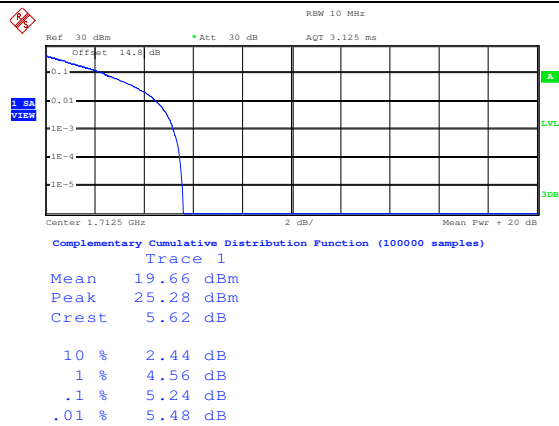
QPSK Low channel-12 RB offset 7



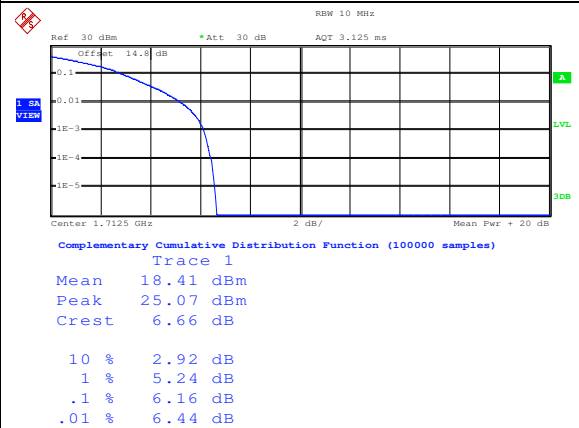
16QAM Low channel-12 RB offset 7

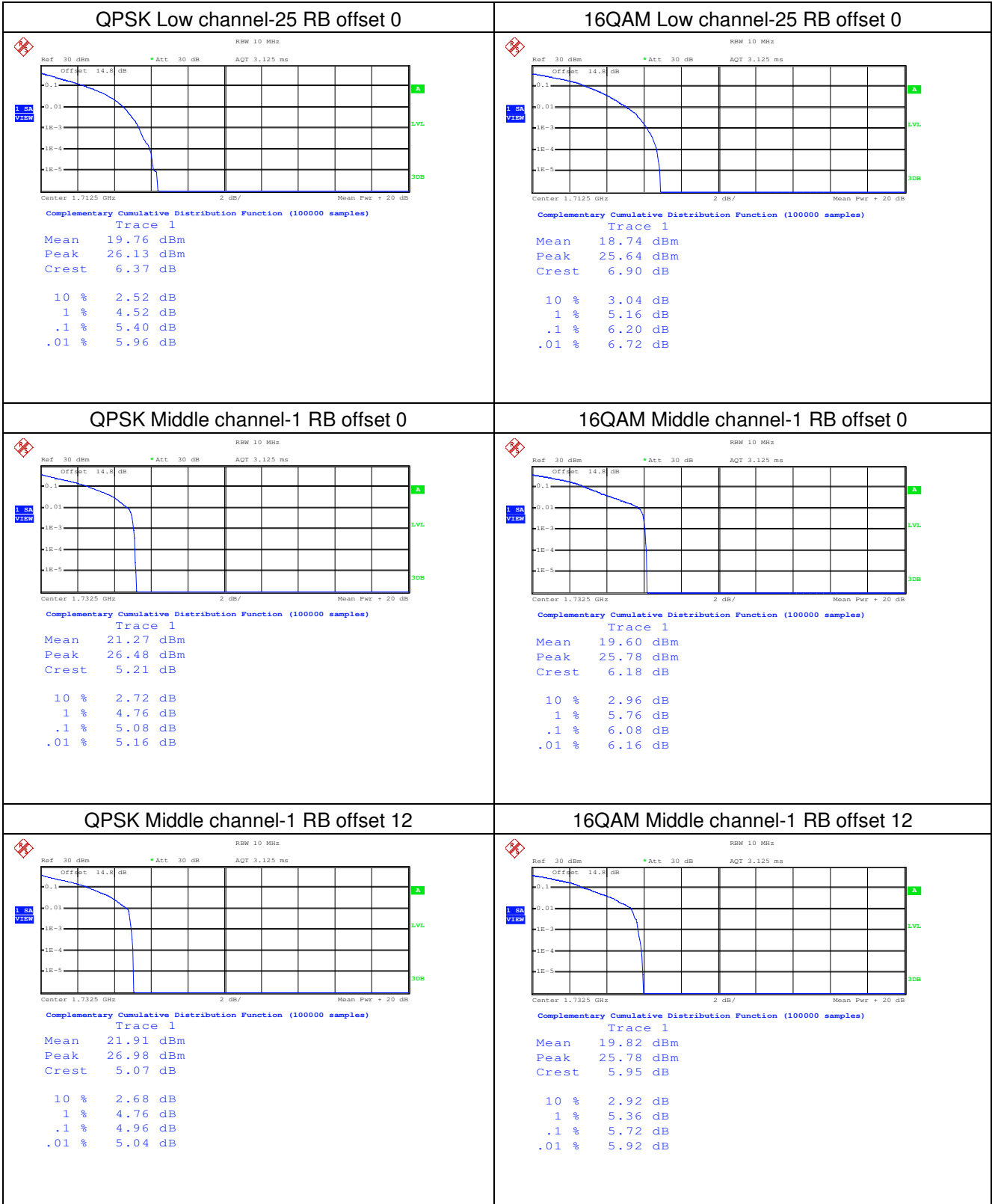


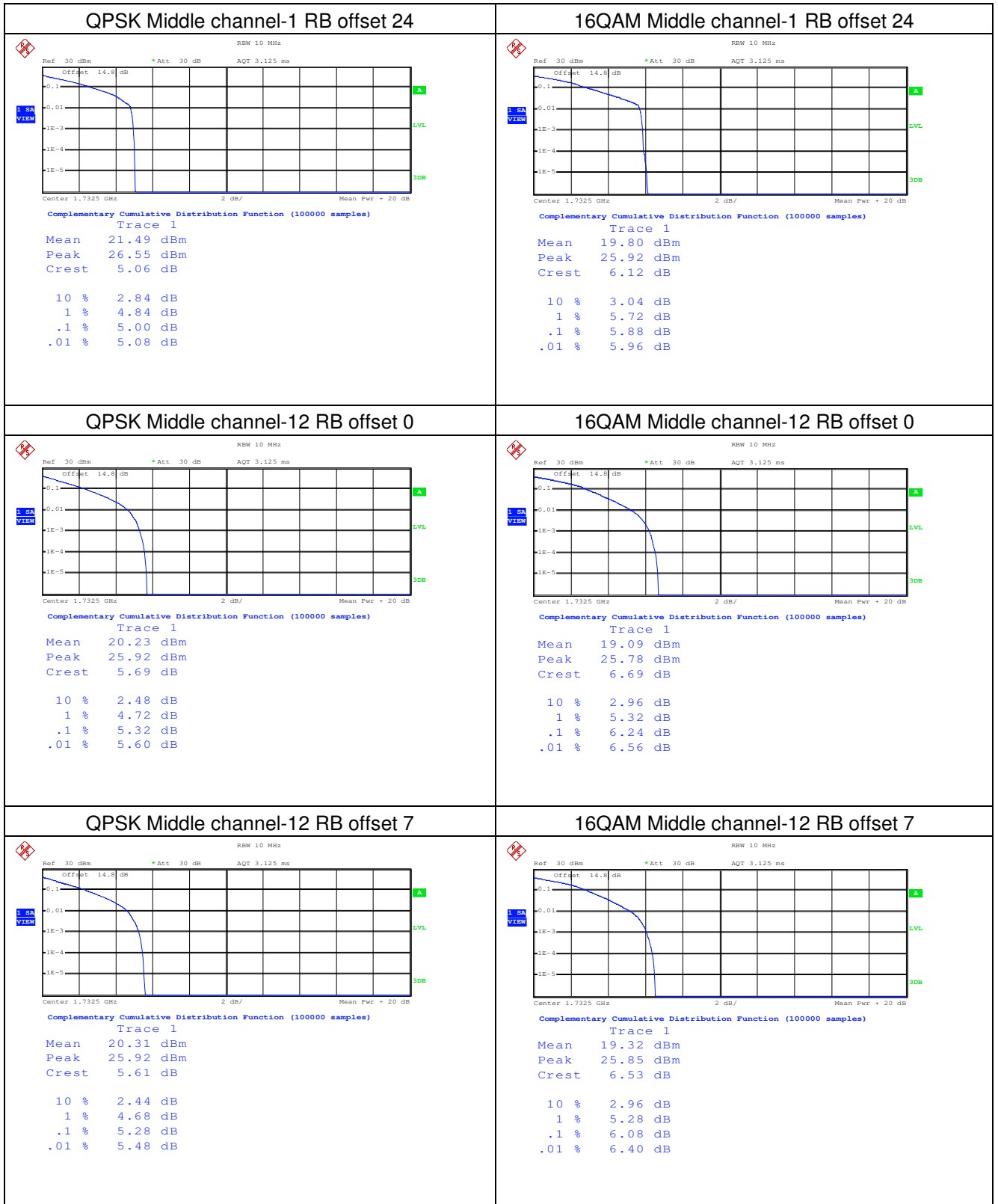
QPSK Low channel-12 RB offset 13



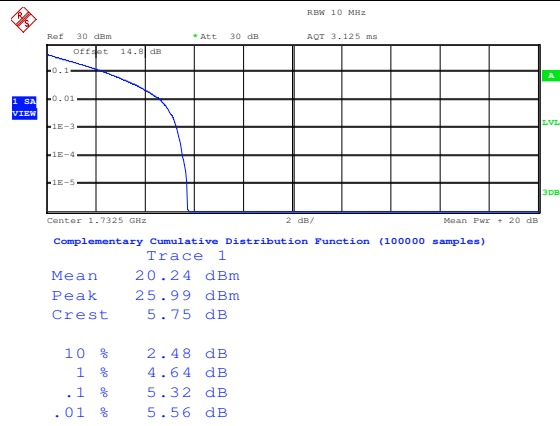
16QAM Low channel-12 RB offset 13



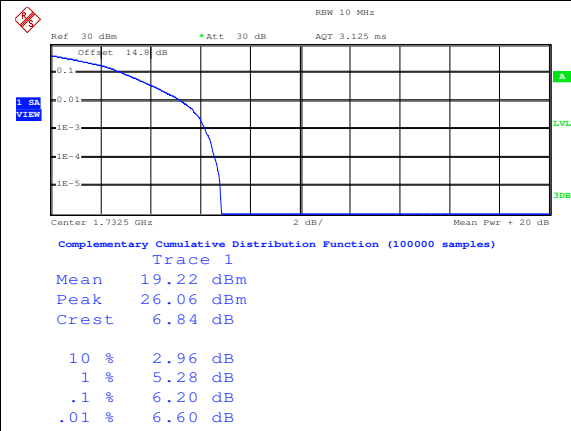




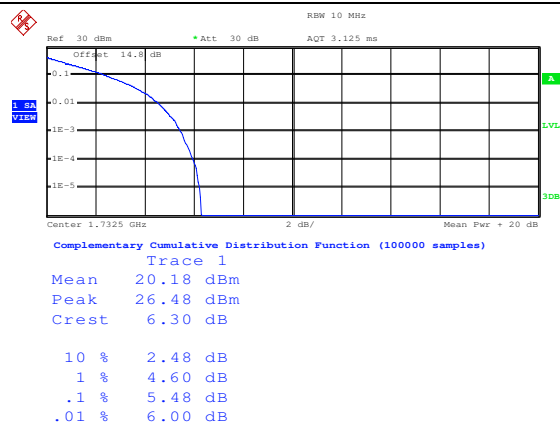
QPSK Middle channel-12 RB offset 13



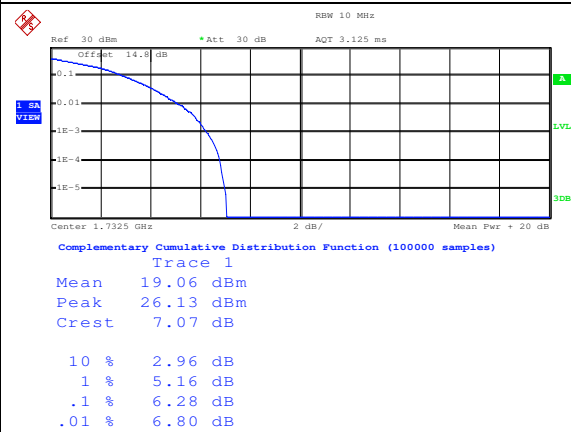
16QAM Middle channel-12 RB offset 13



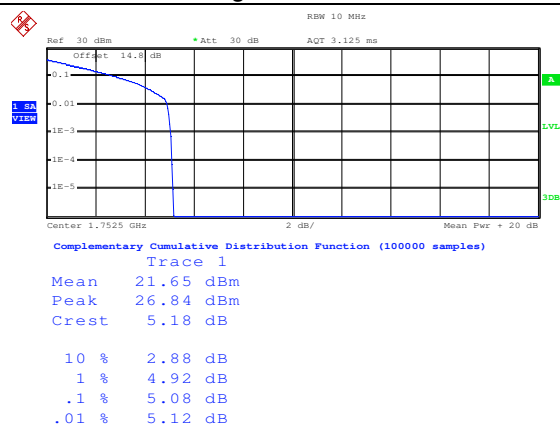
QPSK Middle channel-25 RB offset 0



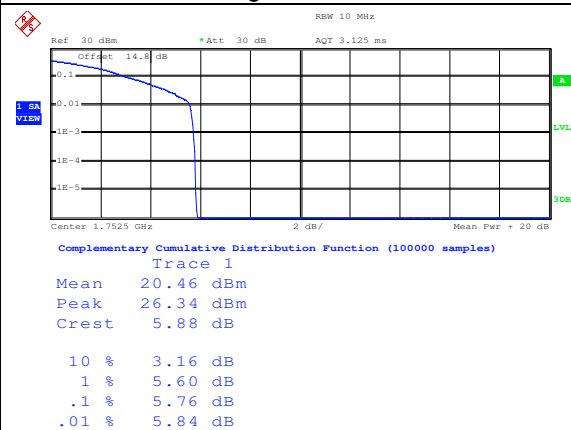
16QAM Middle channel-25 RB offset 0



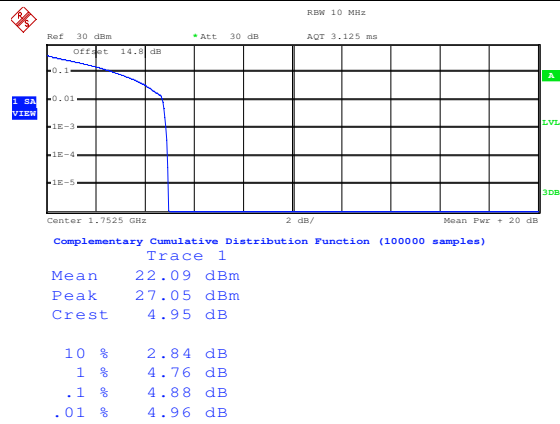
QPSK High channel-1 RB offset 0



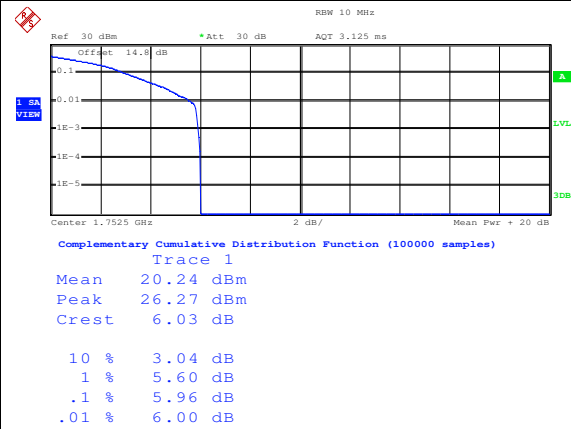
16QAM High channel-1 RB offset 0



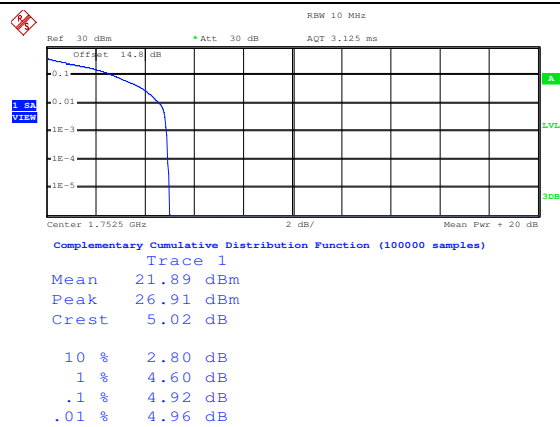
QPSK High channel-1 RB offset 12



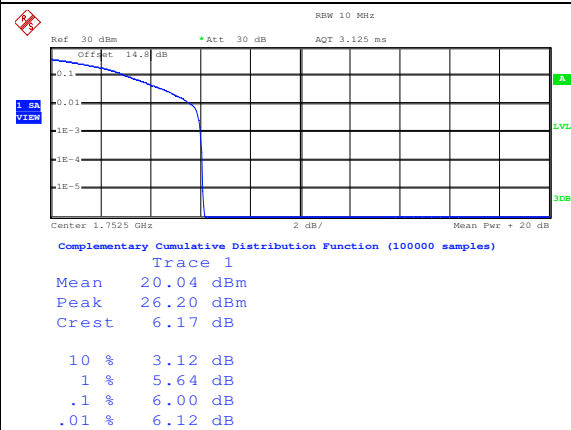
16QAM High channel-1 RB offset 12



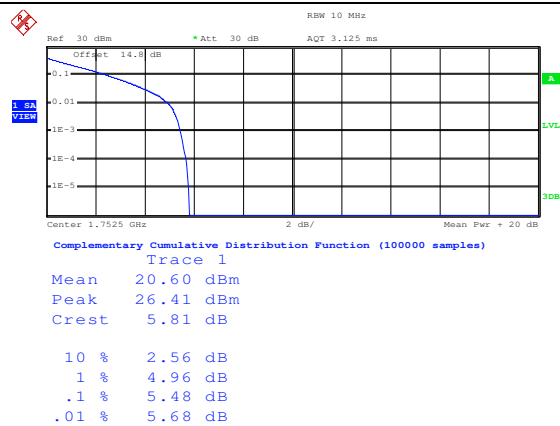
QPSK High channel-1 RB offset 24



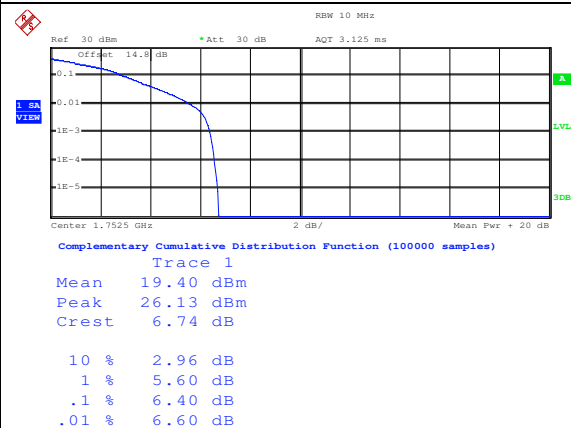
16QAM High channel-1 RB offset 24



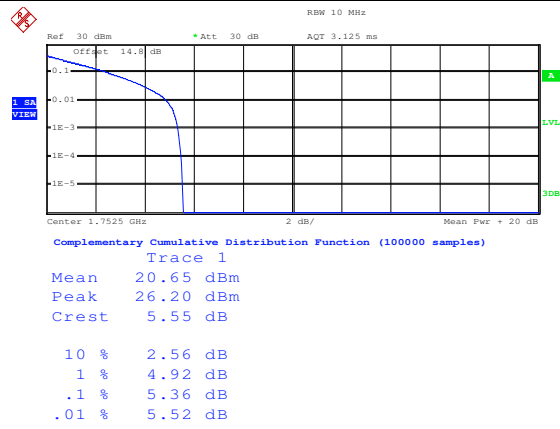
QPSK High channel-12 RB offset 0



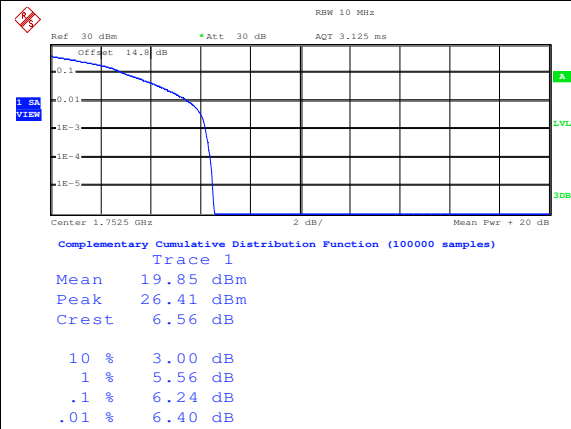
16QAM High channel-12 RB offset 0



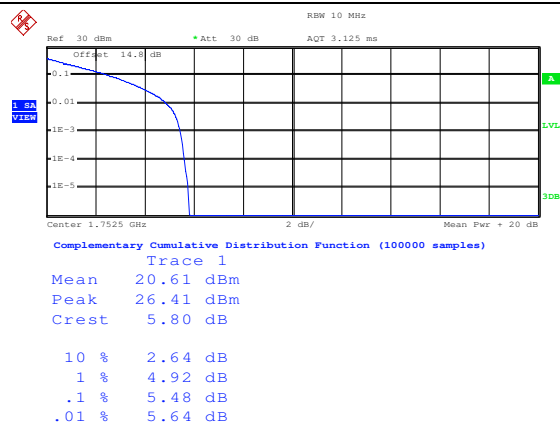
QPSK High channel-12 RB offset 7



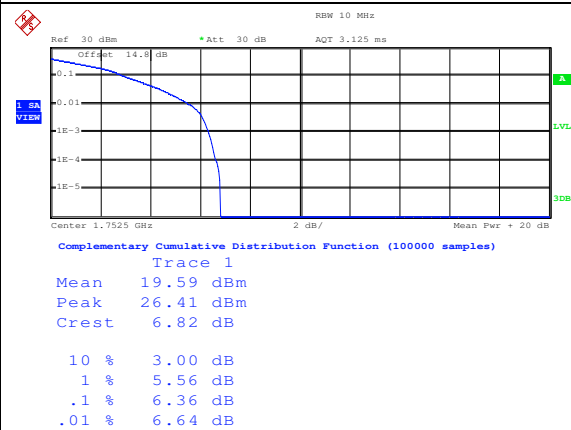
16QAM High channel-12 RB offset 7



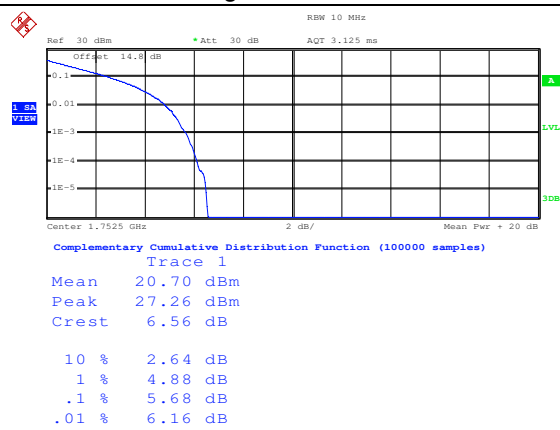
QPSK High channel-12 RB offset 13



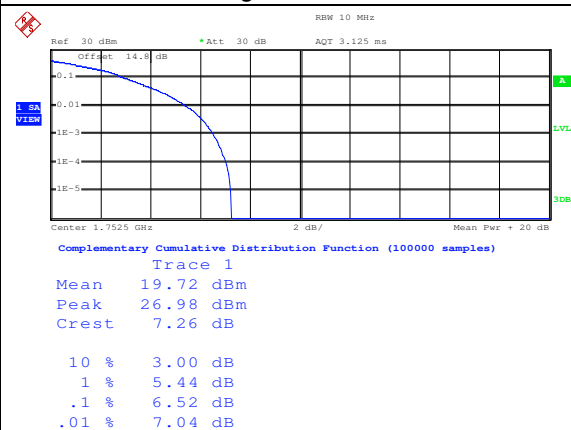
16QAM High channel-12 RB offset 13



QPSK High channel-25 RB offset 0

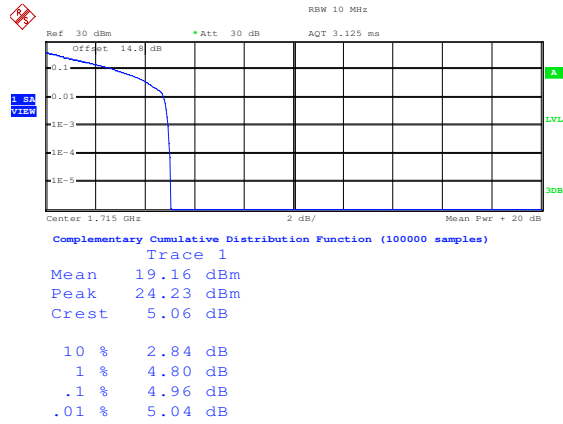


16QAM High channel-25 RB offset 0

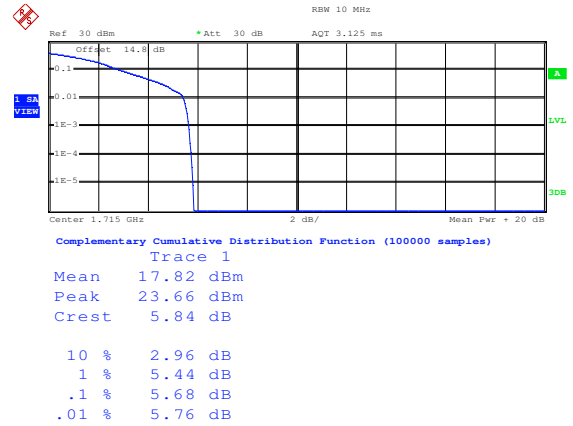


LTE FDD Band 4, Nominal Bandwidth: 10MHz

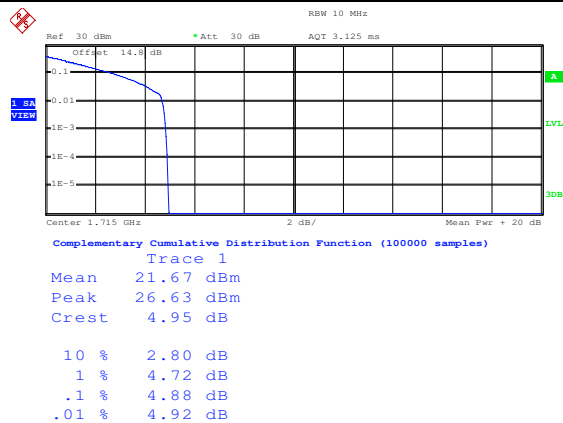
QPSK Low channel-1 RB offset 0



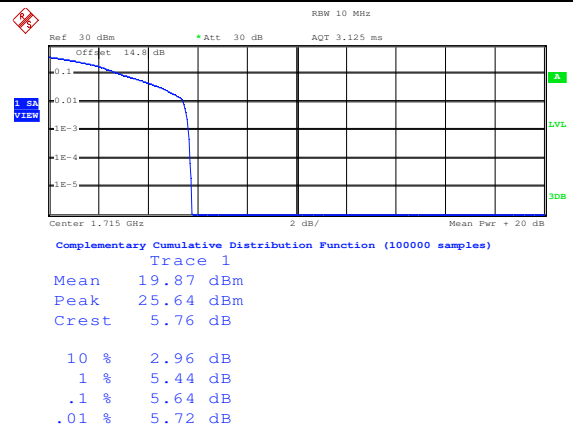
16QAM Low channel-1 RB offset 0



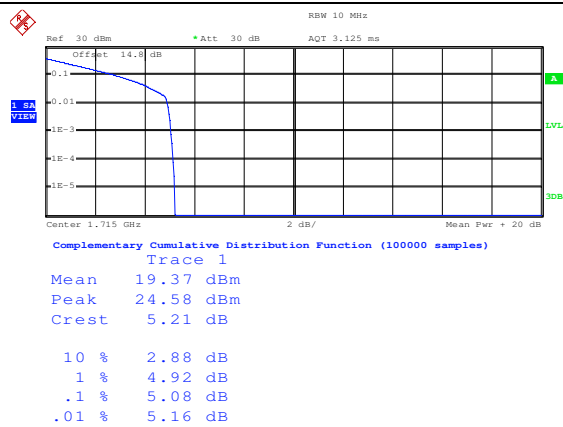
QPSK Low channel-1 RB offset 25



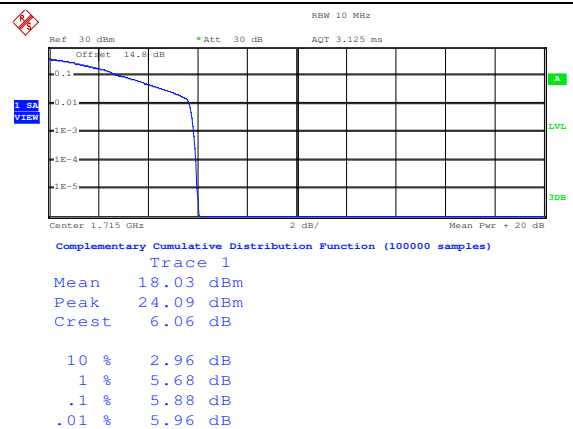
16QAM Low channel-1 RB offset 25

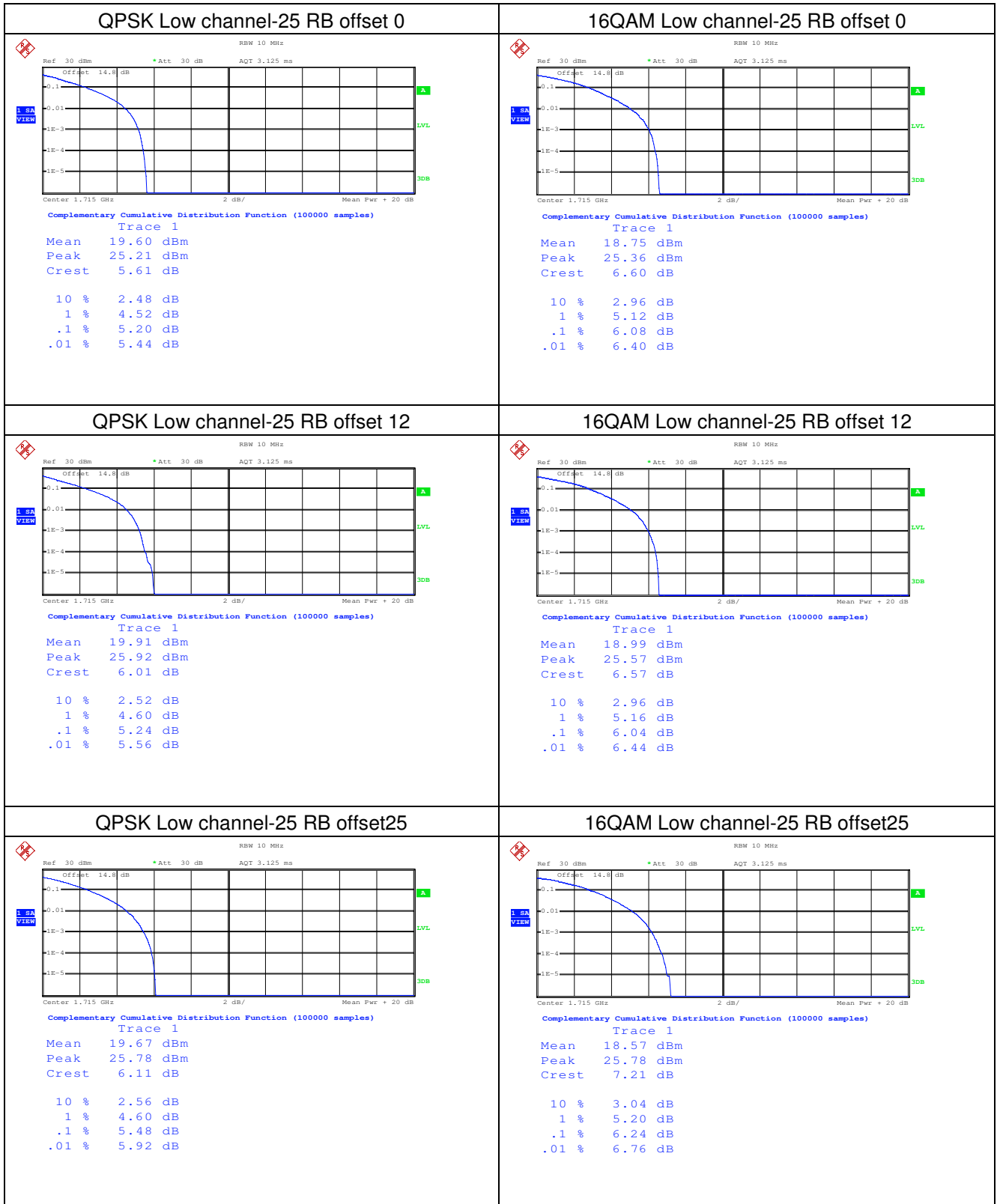


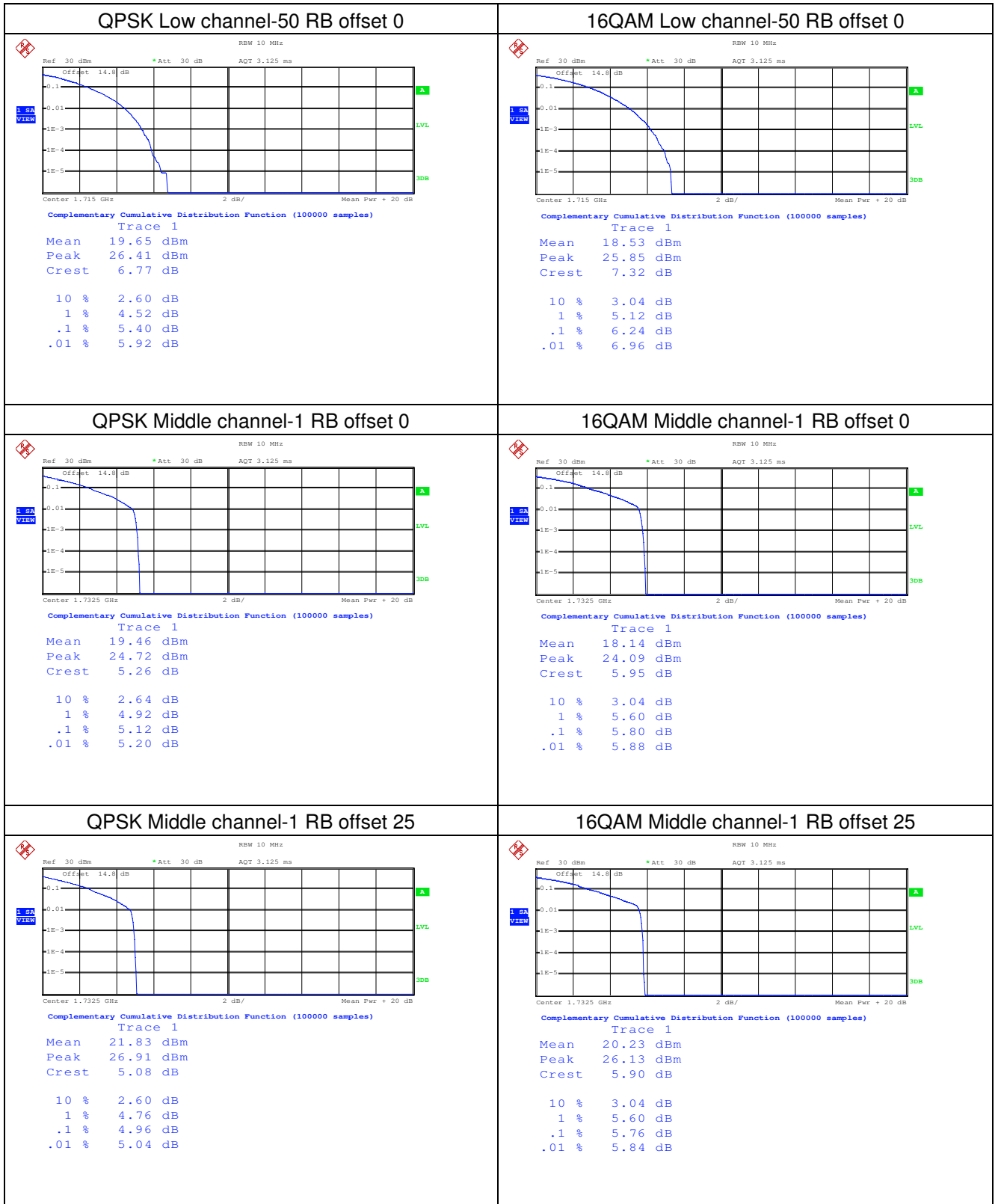
QPSK Low channel-1 RB offset 49

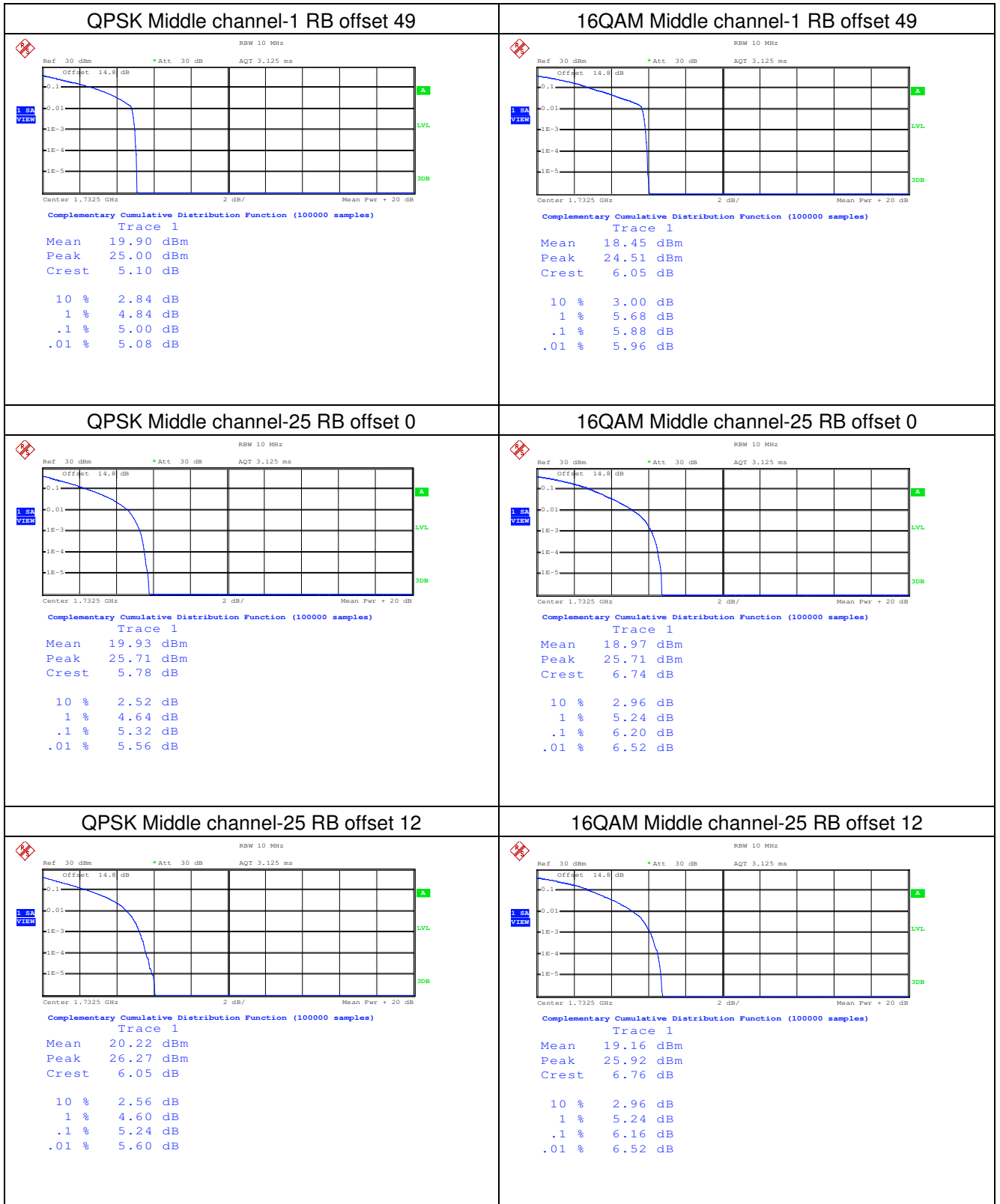


16QAM Low channel-1 RB offset 49

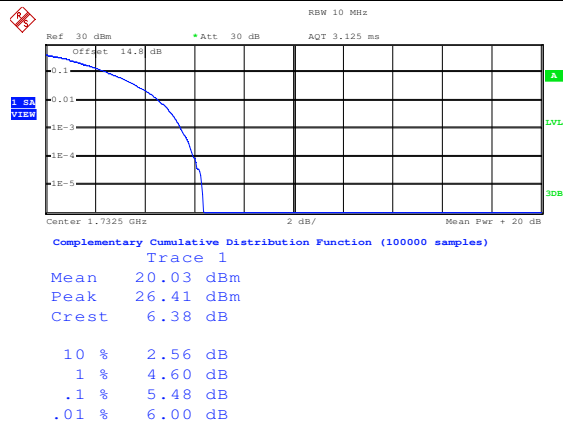




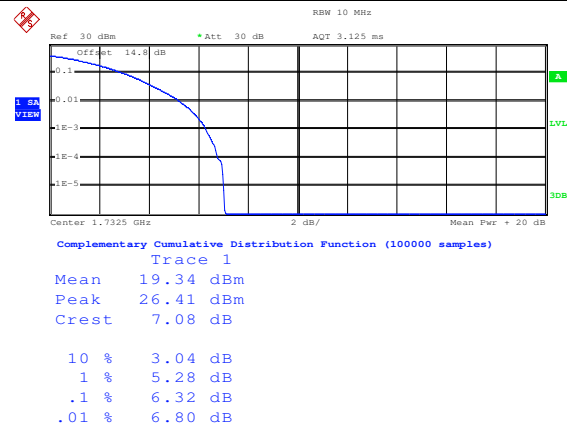




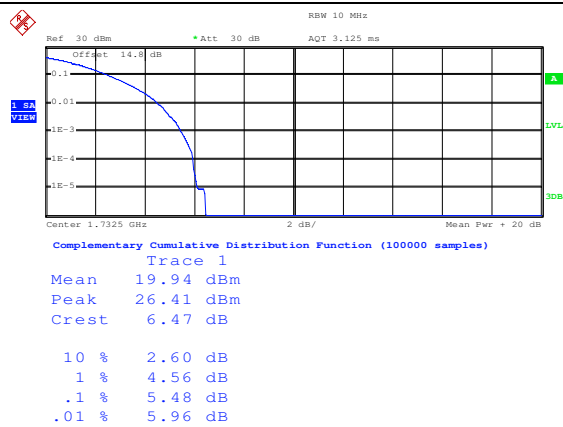
QPSK Middle channel-25 RB offset 25



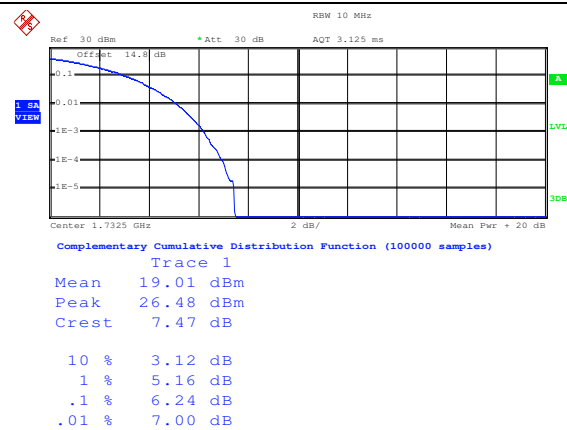
16QAM Middle channel-25 RB offset 25



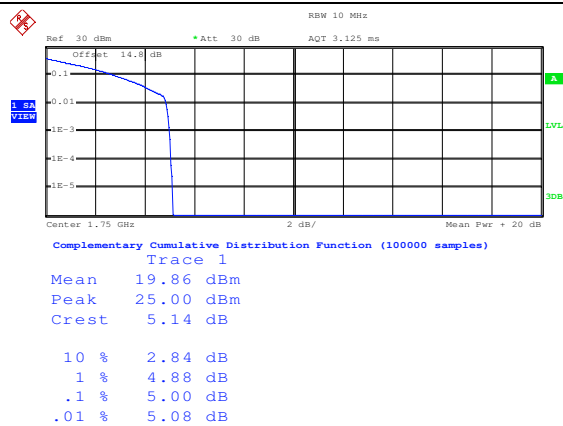
QPSK Middle channel-50 RB offset 0



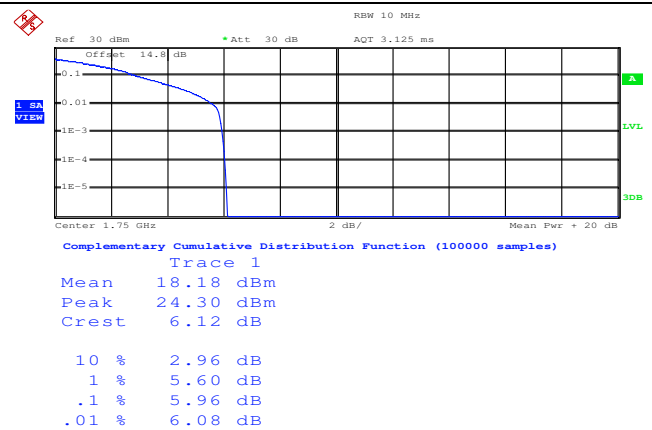
16QAM Middle channel-50 RB offset 0

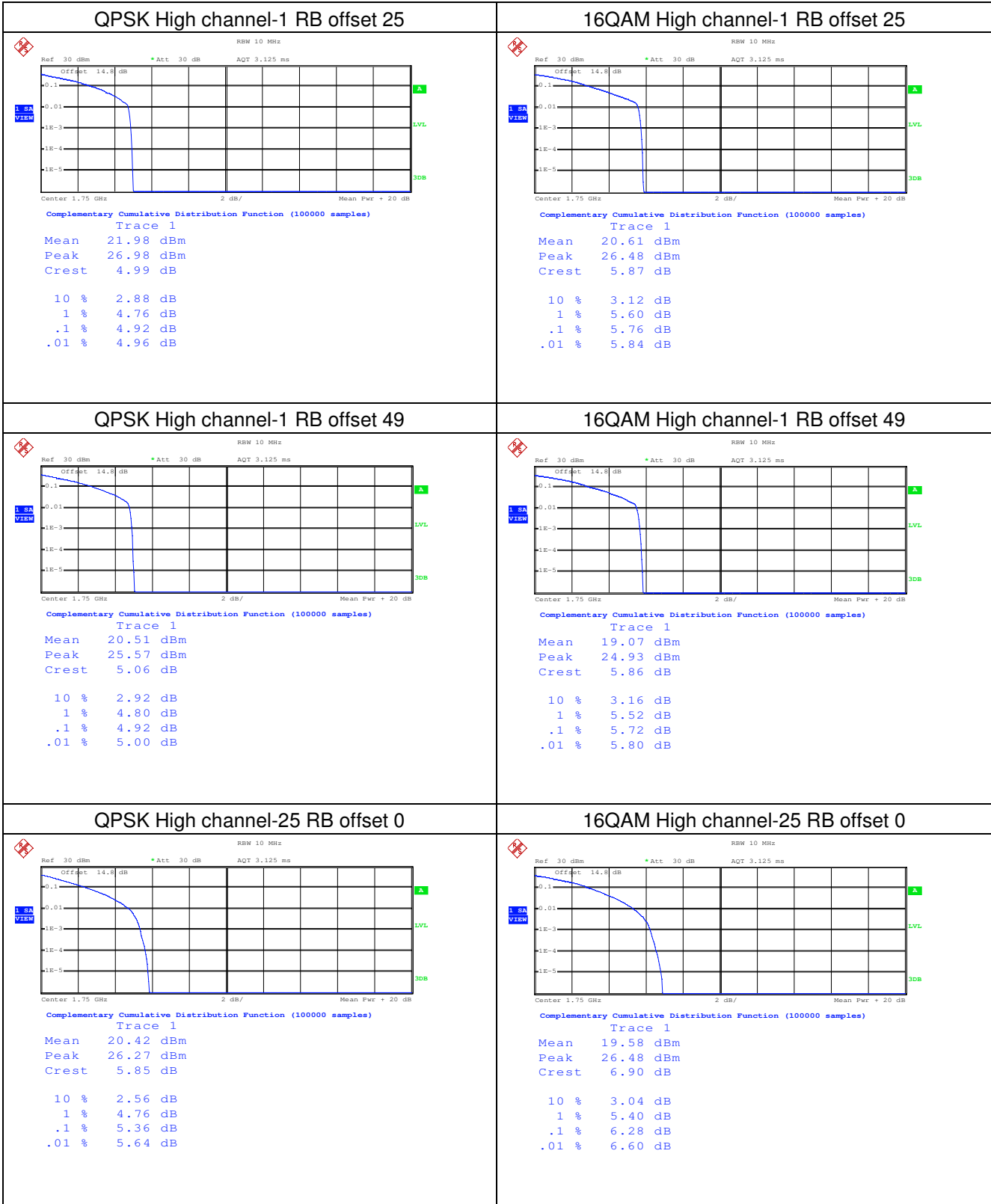


QPSK High channel-1 RB offset 0

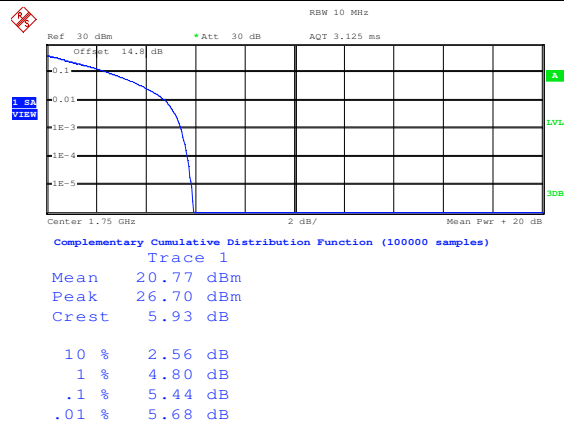


16QAM High channel-1 RB offset 0

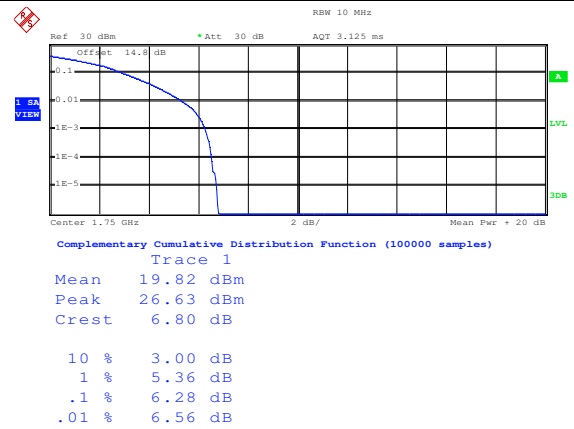




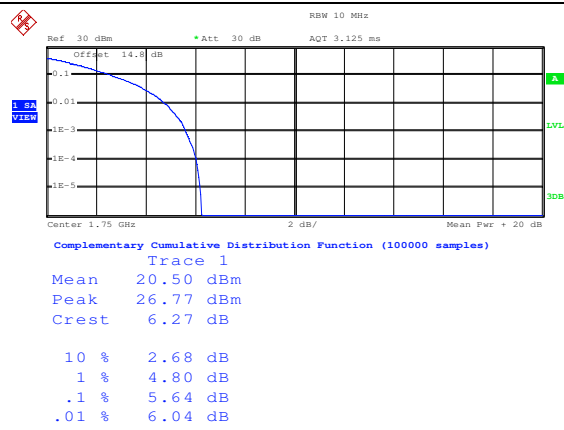
QPSK High channel-25 RB offset 12



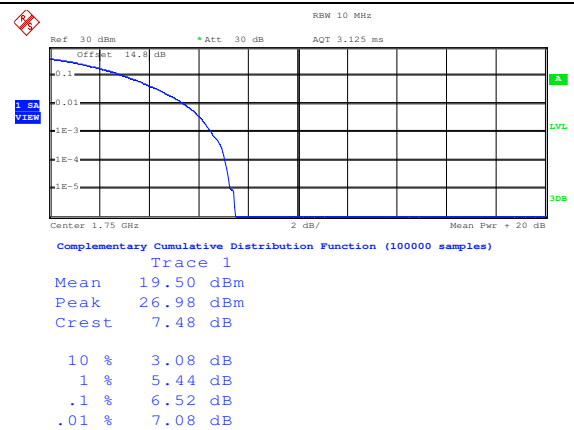
16QAM High channel-25 RB offset 12



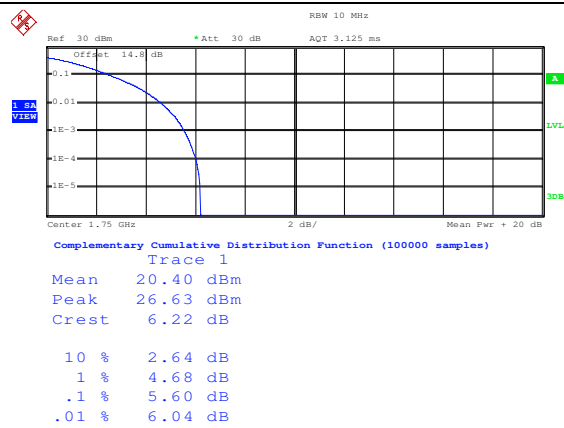
QPSK High channel-25 RB offset 25



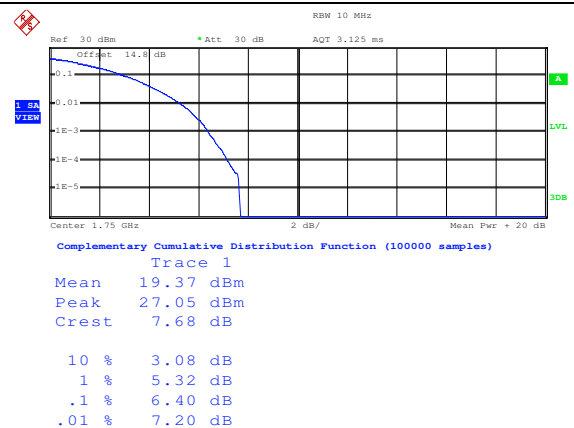
16QAM High channel-25 RB offset 25



QPSK High channel-50 RB offset 0

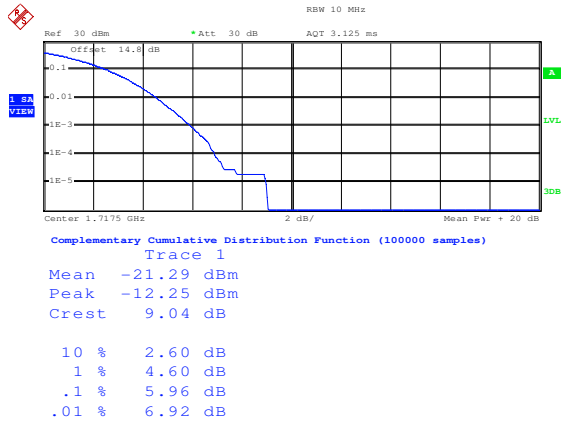


16QAM High channel-50 RB offset 0

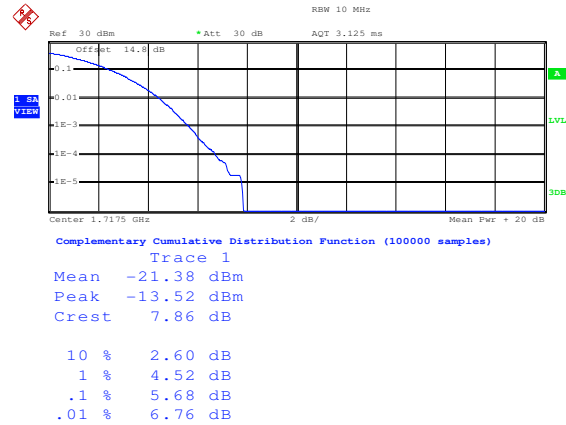


LTE FDD Band 4, Nominal Bandwidth: 15MHz

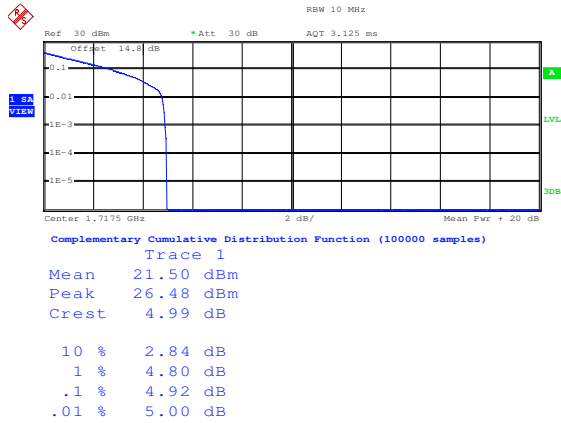
QPSK Low channel-1 RB offset 0



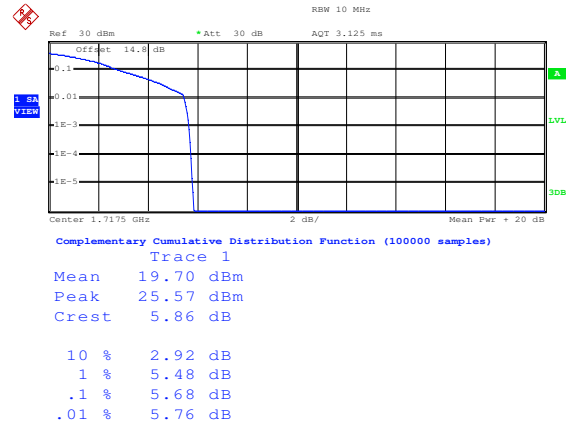
16QAM Low channel-1 RB offset 0



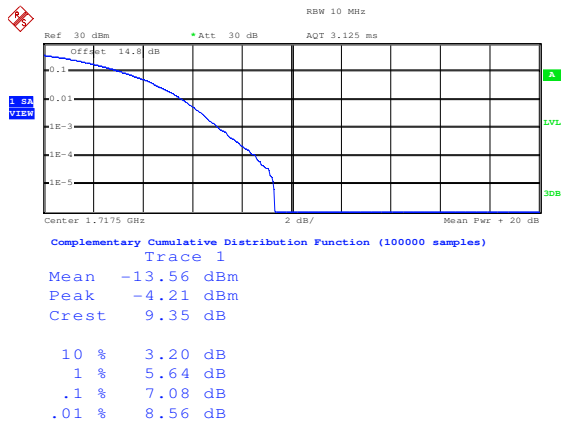
QPSK Low channel-1 RB offset 37



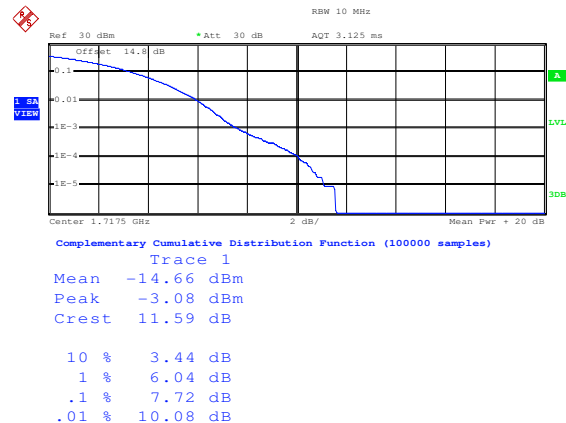
16QAM Low channel-1 RB offset 37

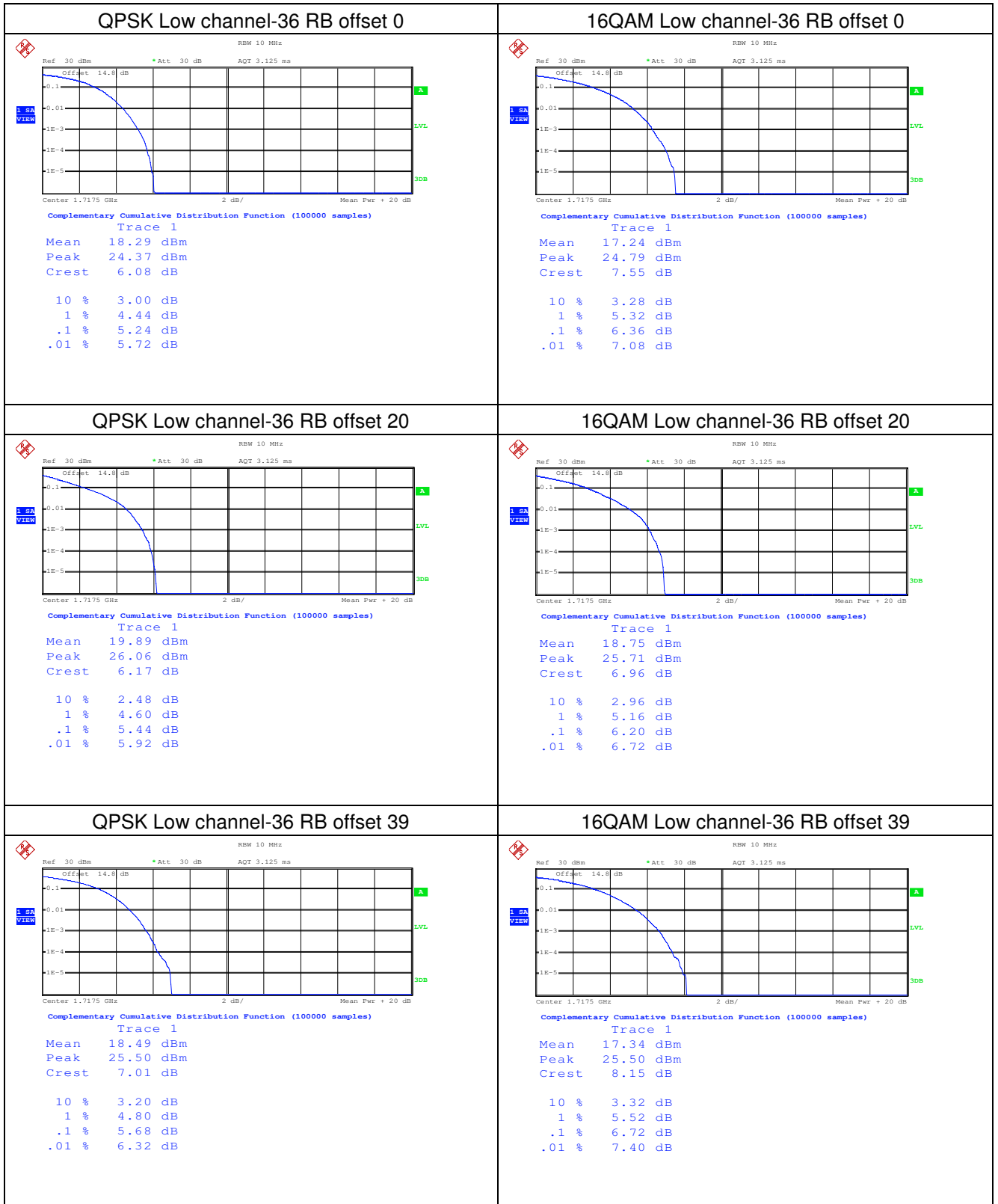


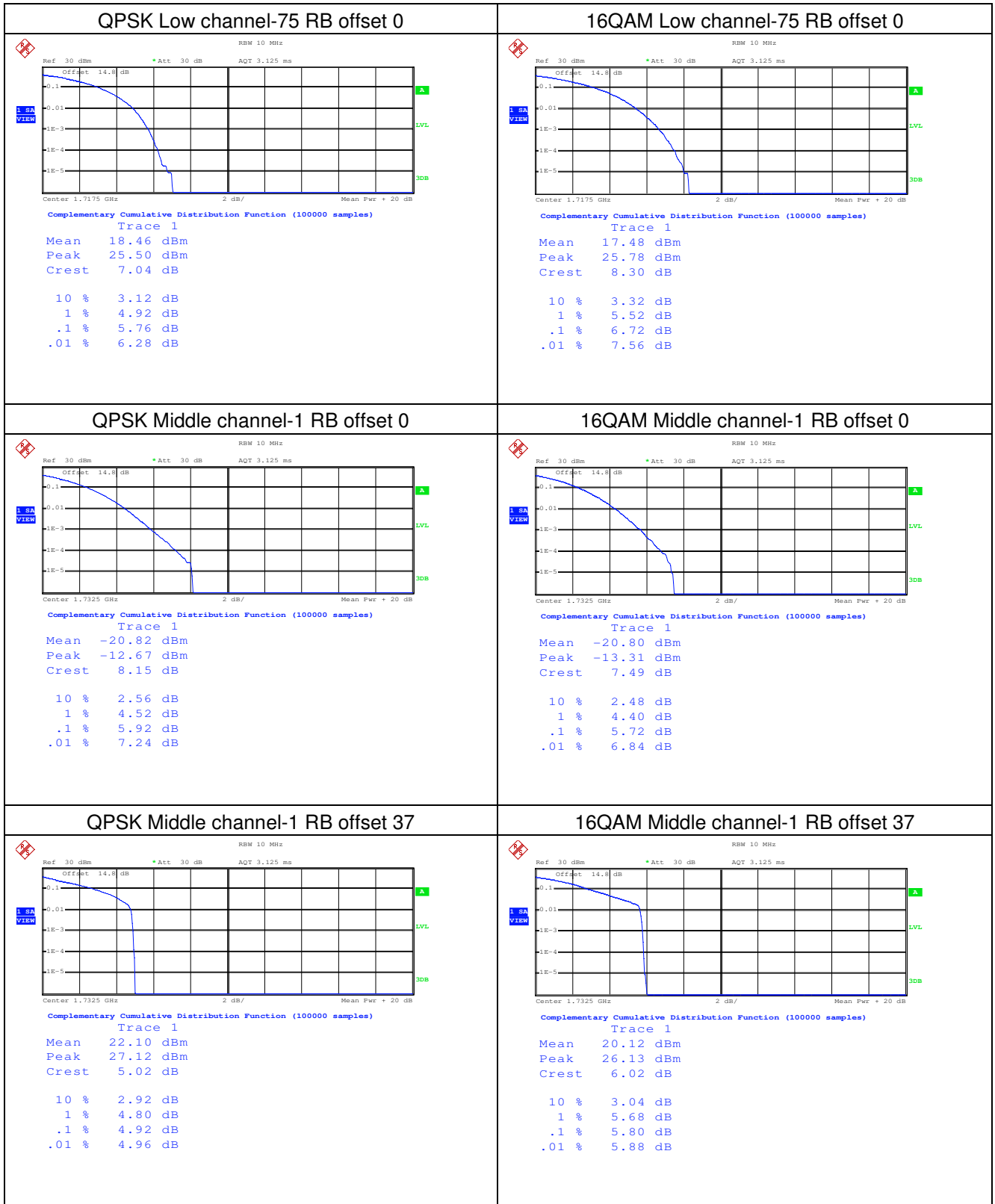
QPSK Low channel-1 RB offset 74

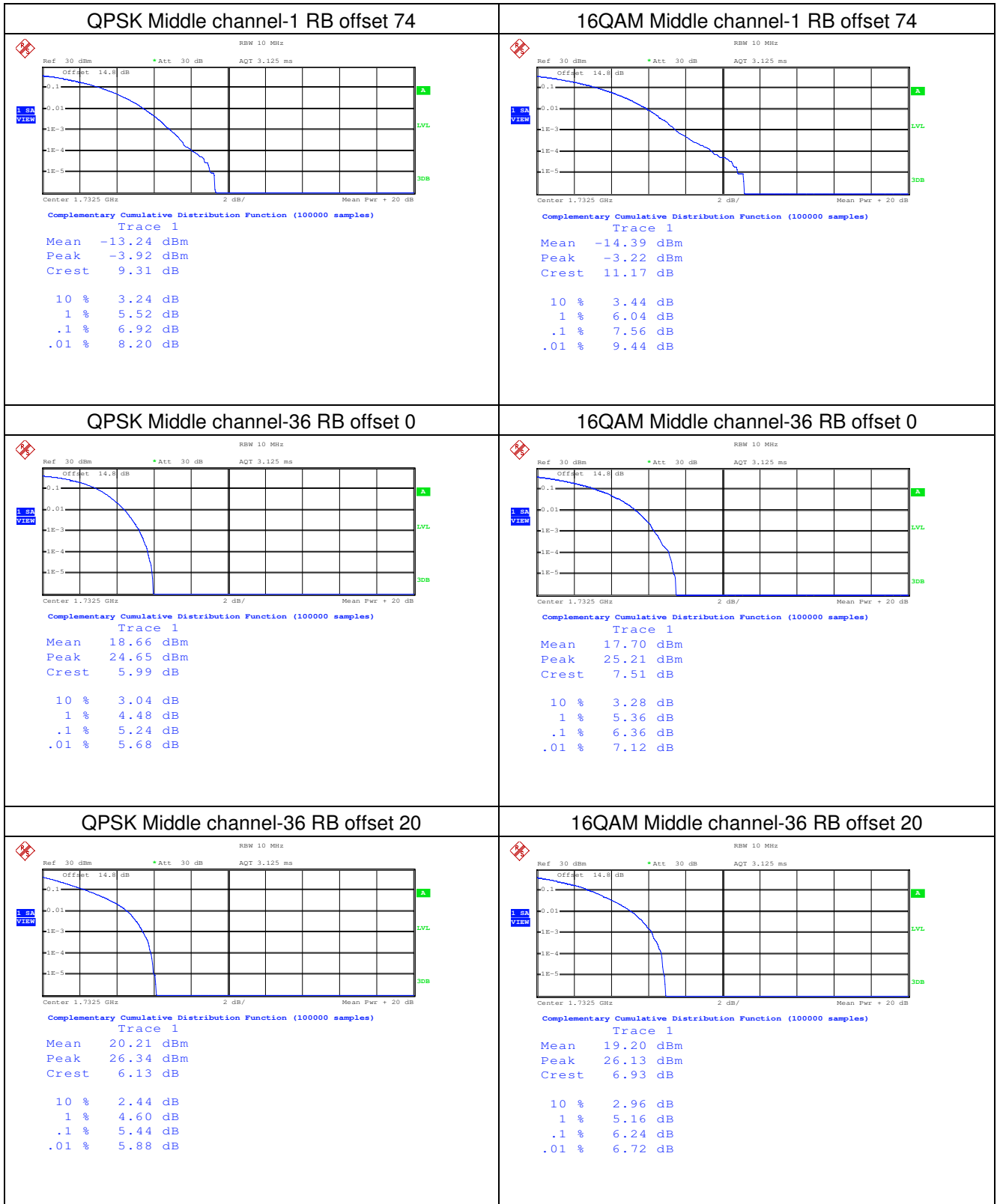


16QAM Low channel-1 RB offset 74

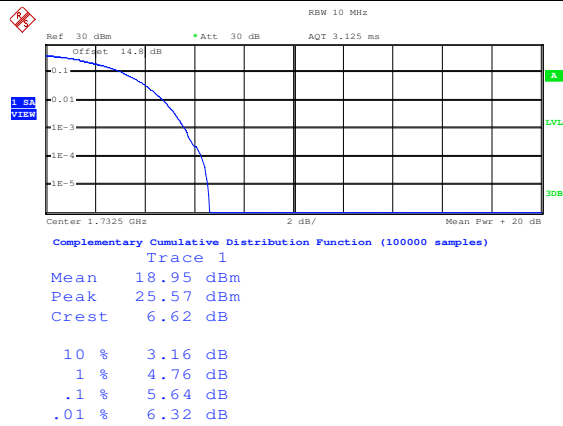




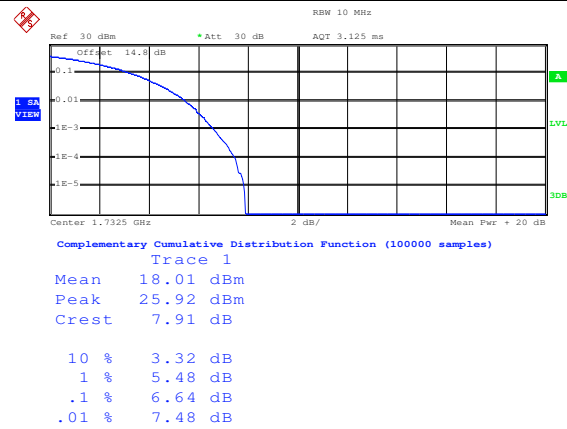




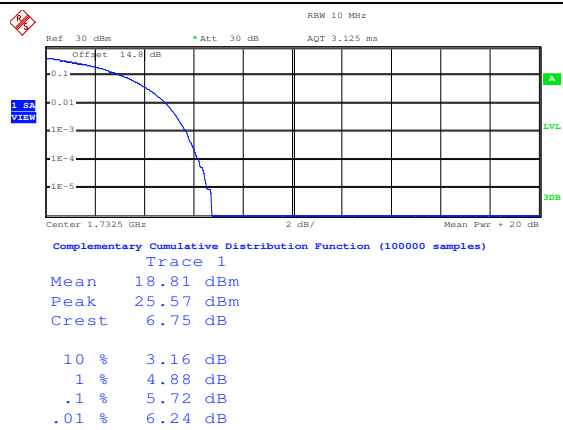
QPSK Middle channel-36 RB offset 39



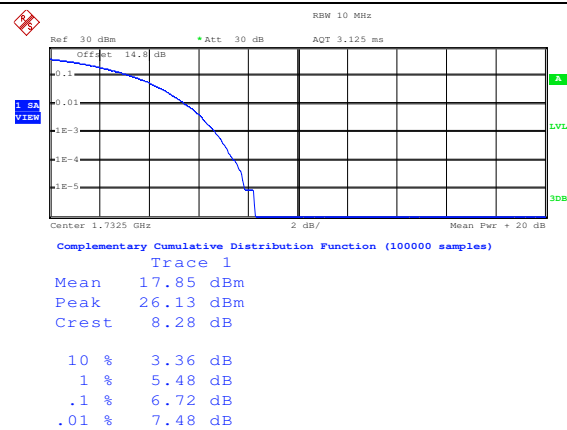
16QAM Middle channel-36 RB offset 39



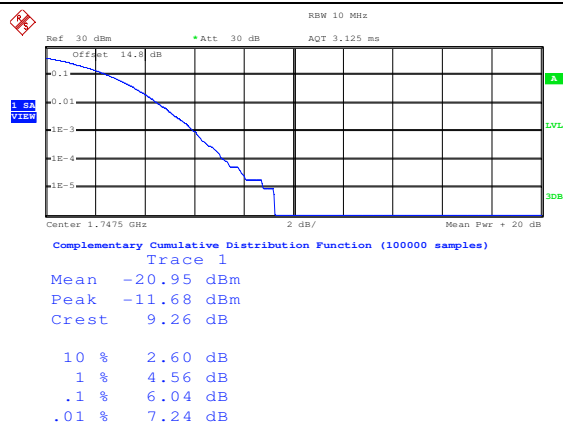
QPSK Middle channel-75 RB offset 0



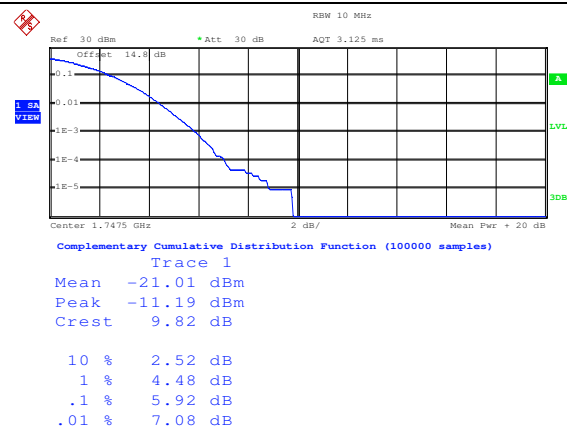
16QAM Middle channel-75 RB offset 0

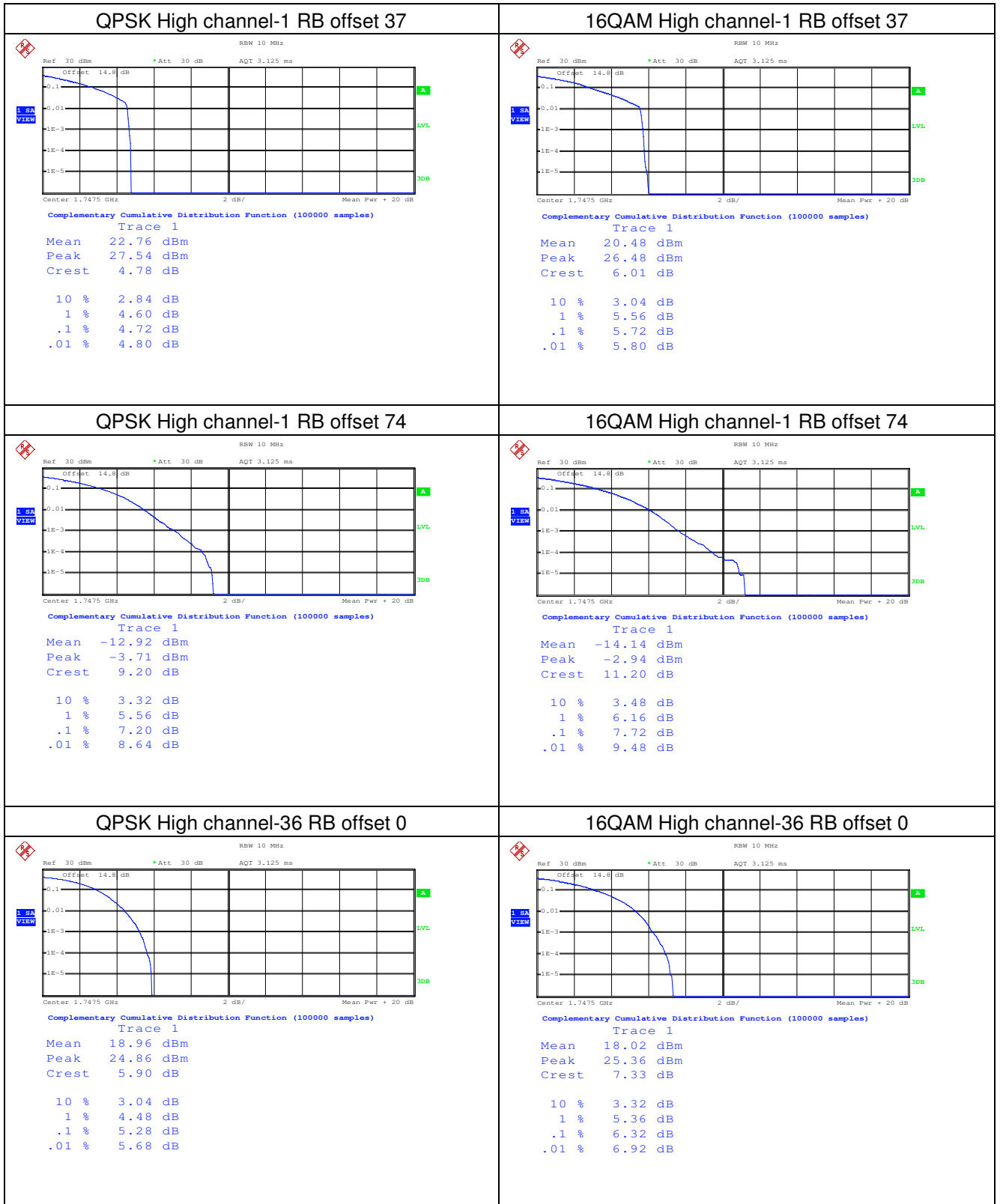


QPSK High channel-1 RB offset 0

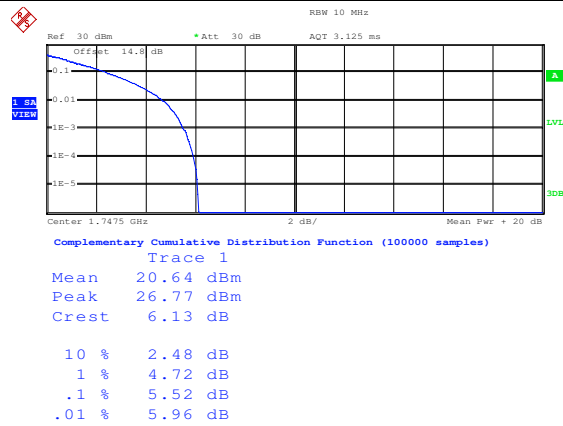


16QAM High channel-1 RB offset 0

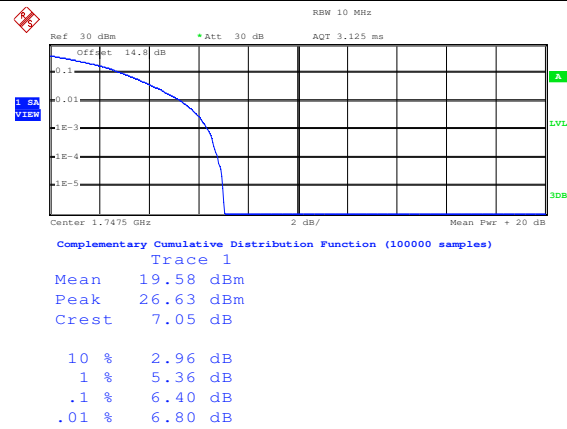




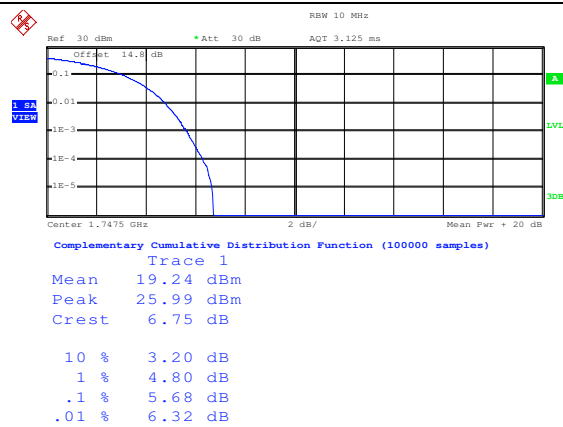
QPSK High channel-36 RB offset 20



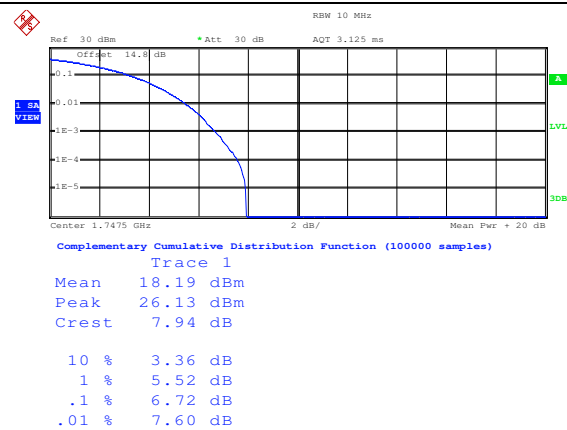
16QAM High channel-36 RB offset 20



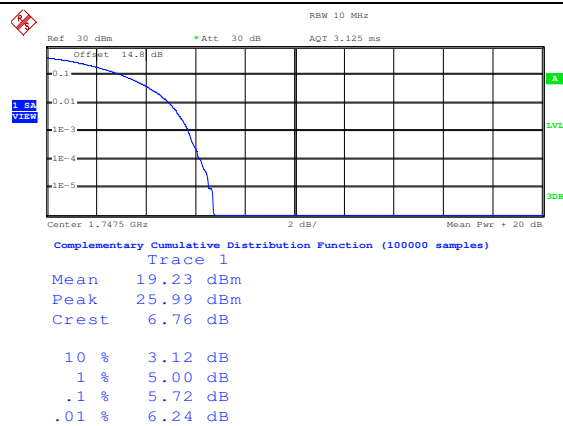
QPSK High channel-36 RB offset 39



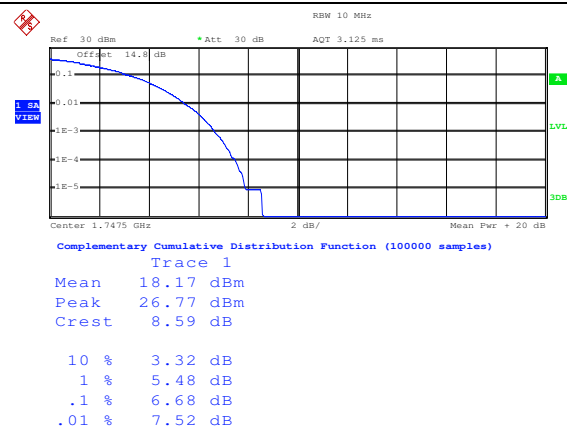
16QAM High channel-36 RB offset 39



QPSK High channel-75 RB offset 0

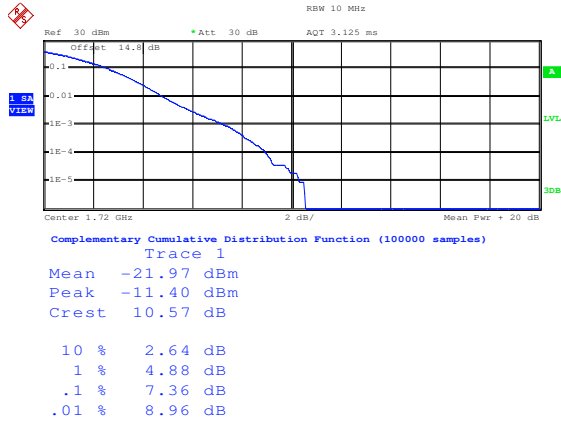


16QAM High channel-75 RB offset 0

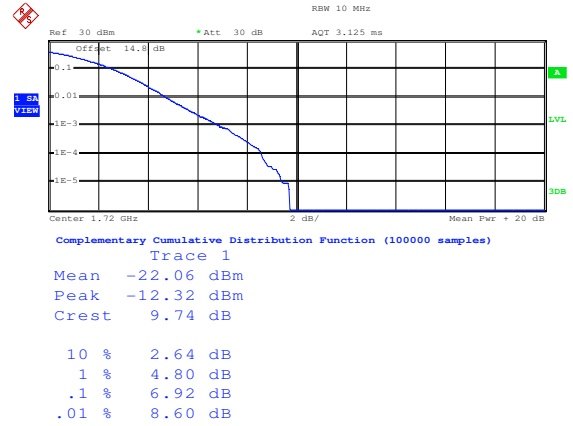


LTE FDD Band 4, Nominal Bandwidth: 20MHz

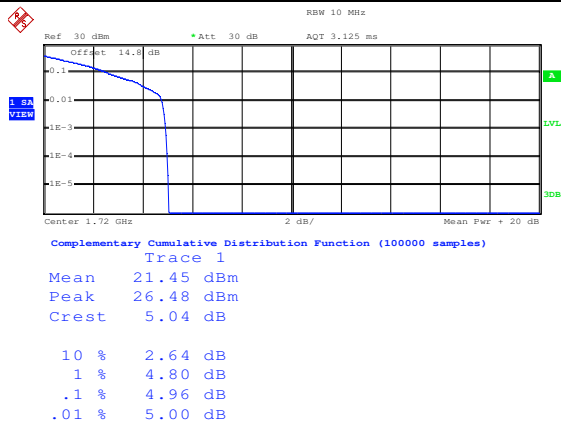
QPSK Low channel-1 RB offset 0



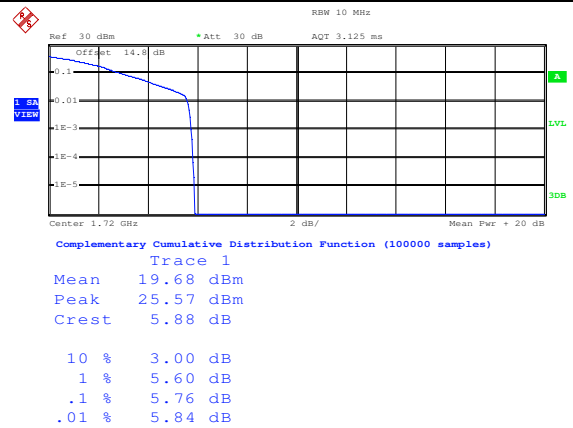
16QAM Low channel-1 RB offset 0



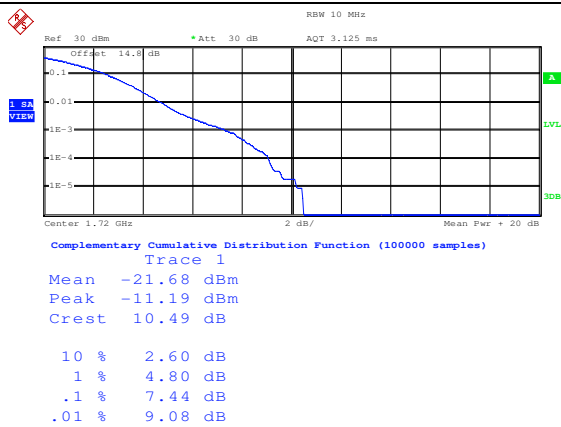
QPSK Low channel-1 RB offset 50



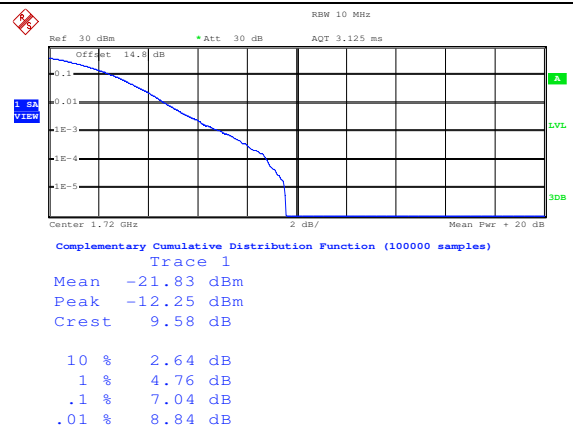
16QAM Low channel-1 RB offset 50

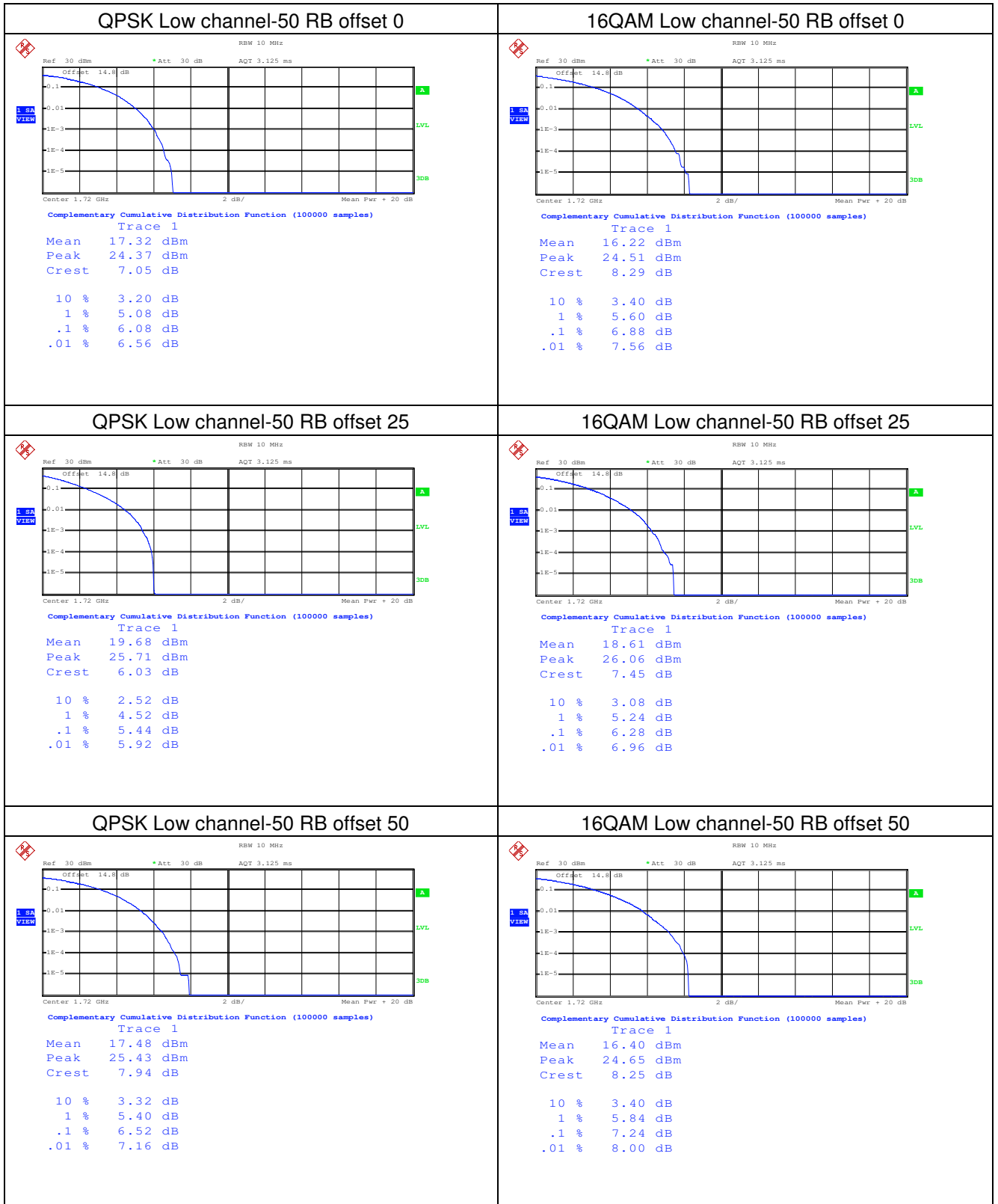


QPSK Low channel-1 RB offset 99

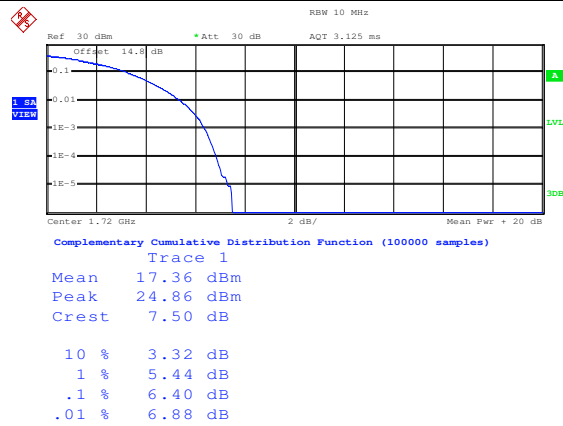


16QAM Low channel-1 RB offset 99

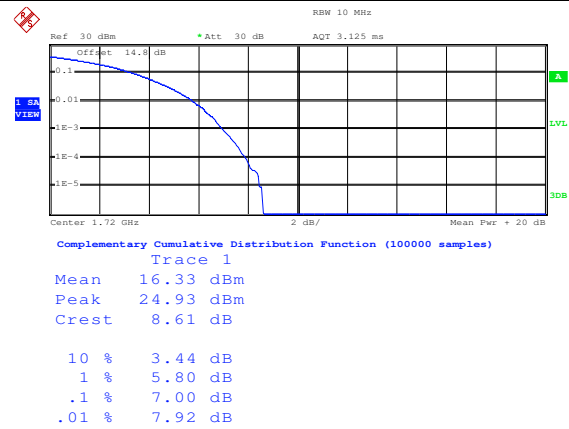




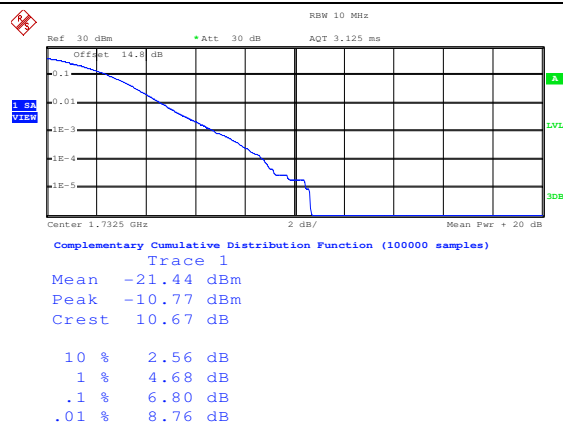
QPSK Low channel-100 RB offset 0



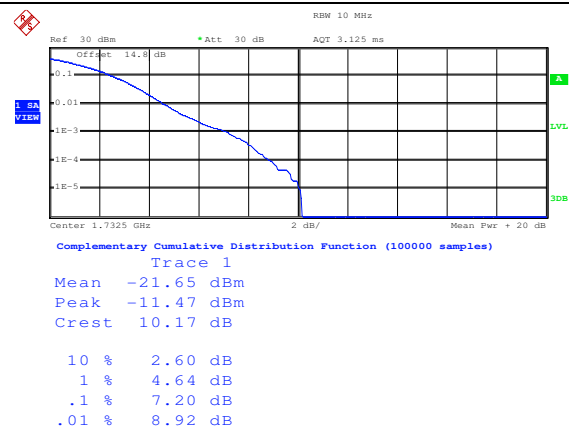
16QAM Low channel-100 RB offset 0



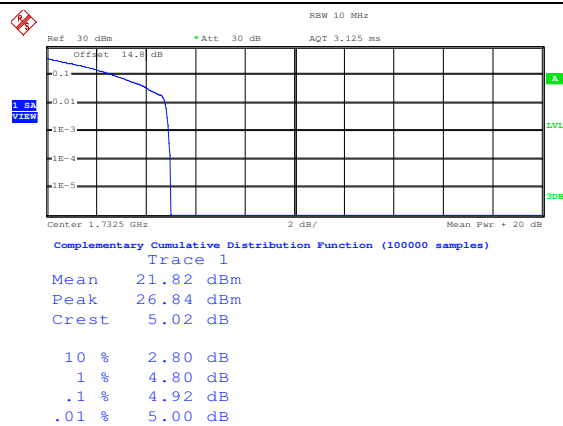
QPSK Middle channel-1 RB offset 0



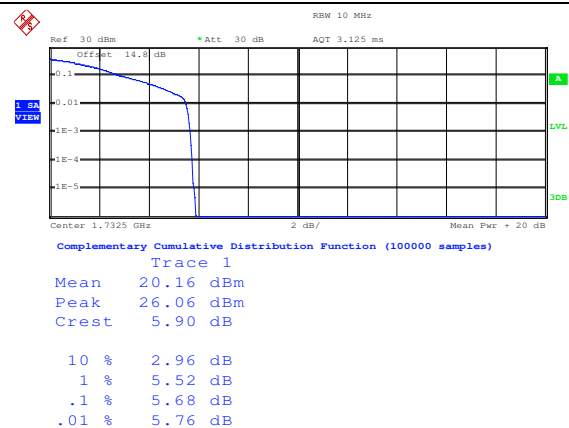
16QAM Middle channel-1 RB offset 0

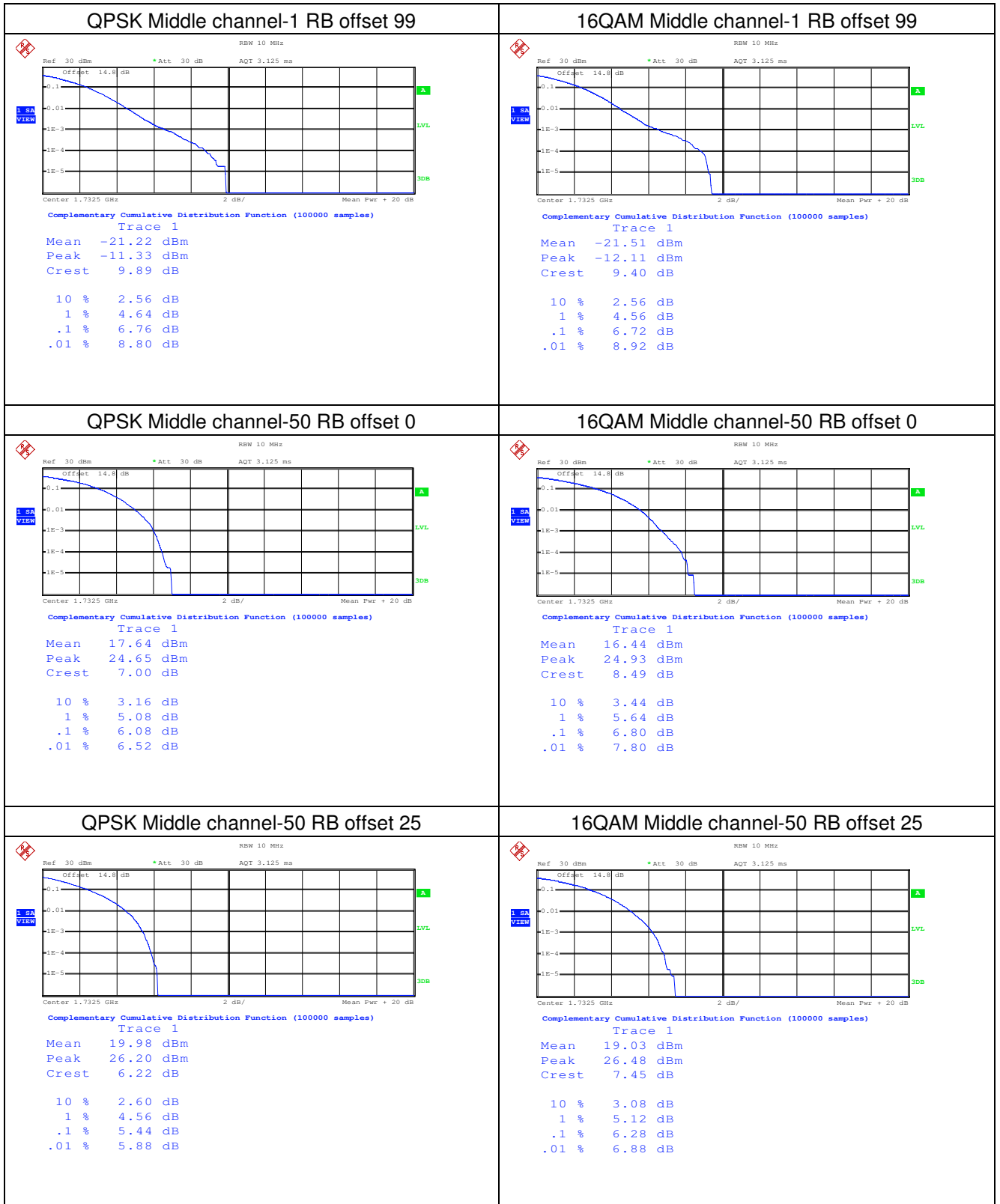


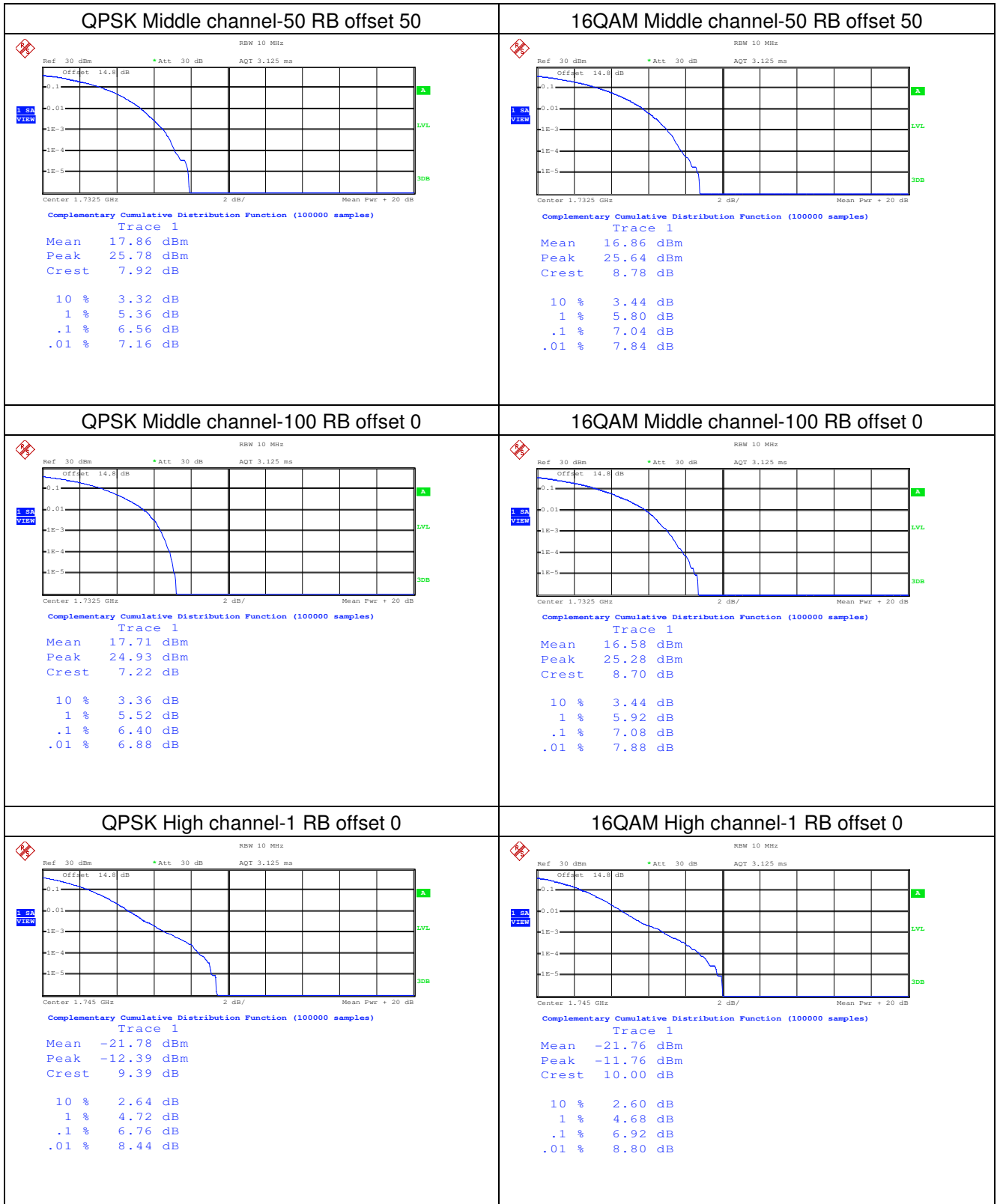
QPSK Middle channel-1 RB offset 50

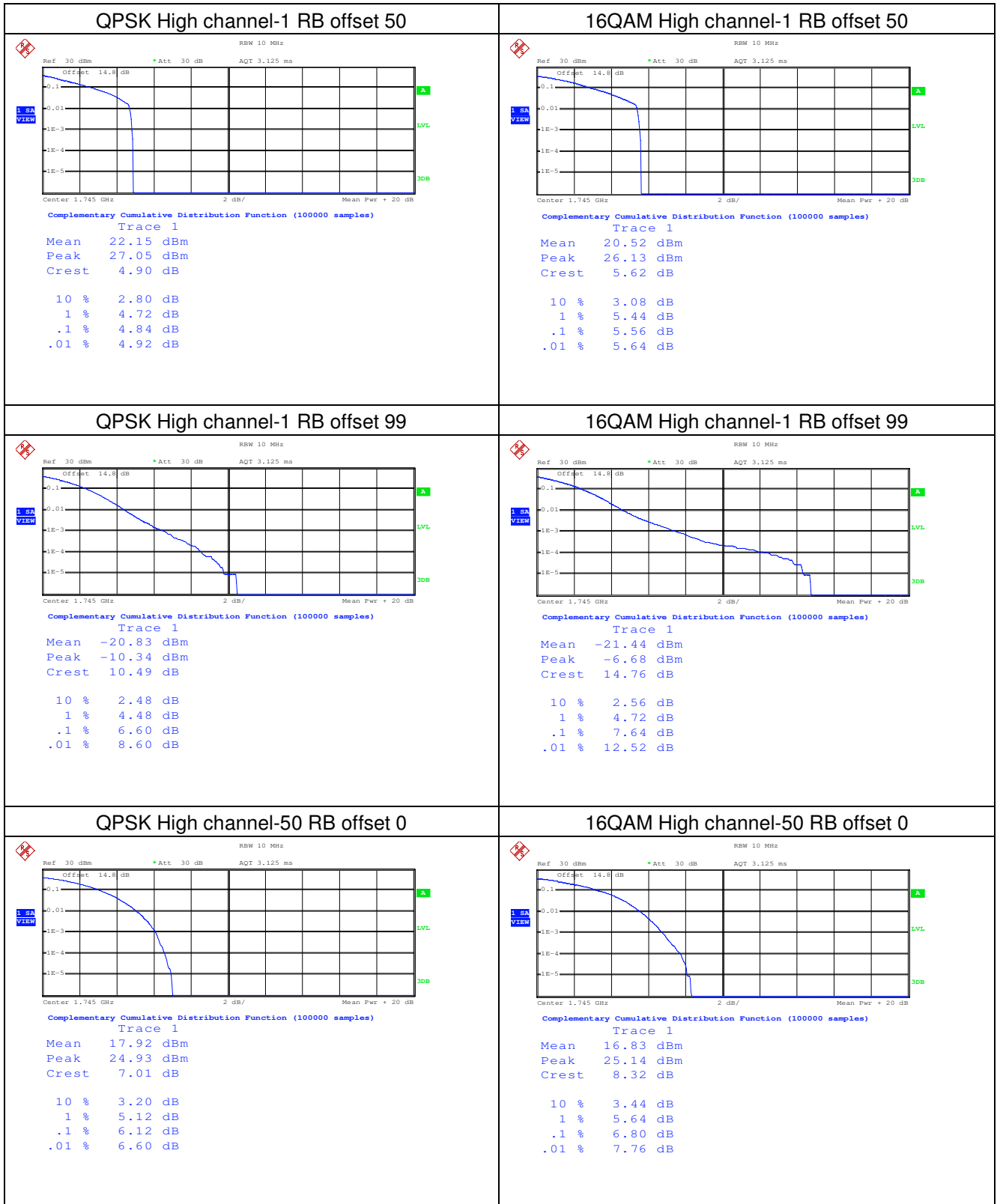


16QAM Middle channel-1 RB offset 50

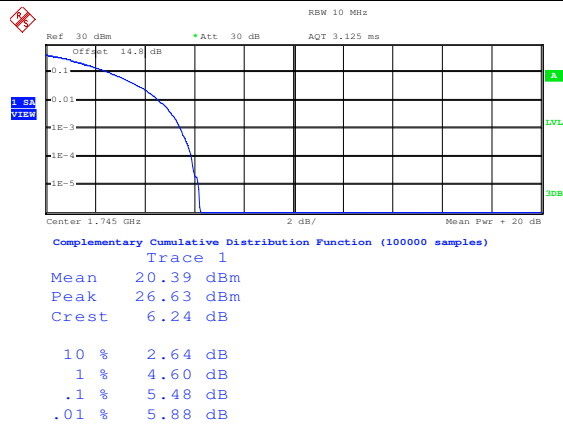




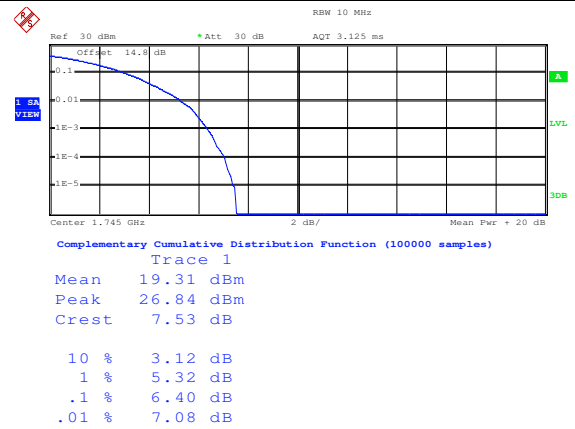




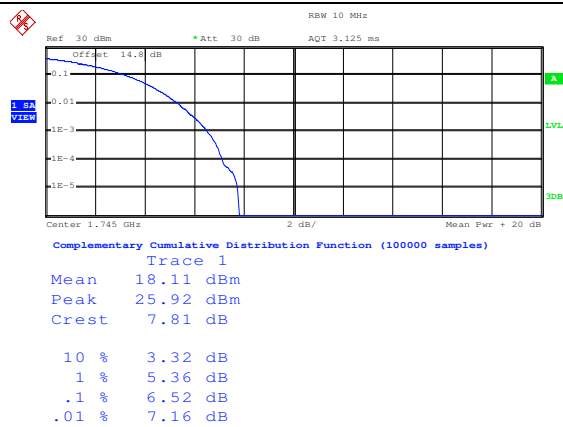
QPSK High channel-50 RB offset 25



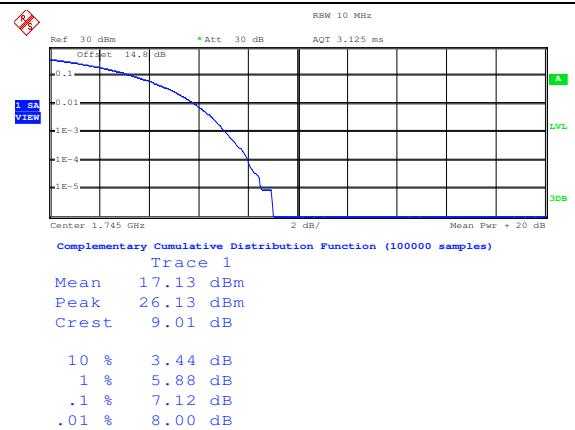
16QAM High channel-50 RB offset 25



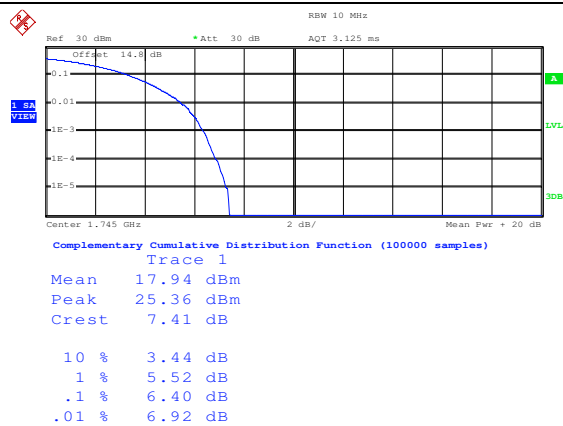
QPSK High channel-50 RB offset 50



16QAM High channel-50 RB offset 50



QPSK High channel-100 RB offset 0



16QAM High channel-100 RB offset 0

