

LTE FDD Band 7, Nominal Bandwidth: 5.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.08	13	Pass
		1	12	3.88	13	Pass
		1	24	3.8	13	Pass
		12	0	4.68	13	Pass
		12	7	4.52	13	Pass
		12	13	4.48	13	Pass
		25	0	5	13	Pass
	MCH	1	0	4.56	13	Pass
		1	12	4.52	13	Pass
		1	24	4.4	13	Pass
		12	0	5.08	13	Pass
		12	7	4.96	13	Pass
		12	13	5	13	Pass
		25	0	5.36	13	Pass
	HCH	1	0	3.6	13	Pass
		1	12	3.96	13	Pass
		1	24	3.88	13	Pass
		12	0	4.56	13	Pass
		12	7	4.6	13	Pass
		12	13	4.72	13	Pass
		25	0	5.04	13	Pass
16QAM	LCH	1	0	4.84	13	Pass
		1	12	4.72	13	Pass
		1	24	4.64	13	Pass
		12	0	5.68	13	Pass
		12	7	5.6	13	Pass
		12	13	5.48	13	Pass
		25	0	5.72	13	Pass
	MCH	1	0	5.24	13	Pass
		1	12	5.24	13	Pass
		1	24	5.44	13	Pass
		12	0	6	13	Pass
		12	7	5.92	13	Pass
		12	13	6	13	Pass
		25	0	6.28	13	Pass
	HCH	1	0	4.4	13	Pass
		1	12	4.92	13	Pass
		1	24	4.72	13	Pass
		12	0	5.44	13	Pass
		12	7	5.52	13	Pass
		12	13	5.68	13	Pass
		25	0	5.76	13	Pass

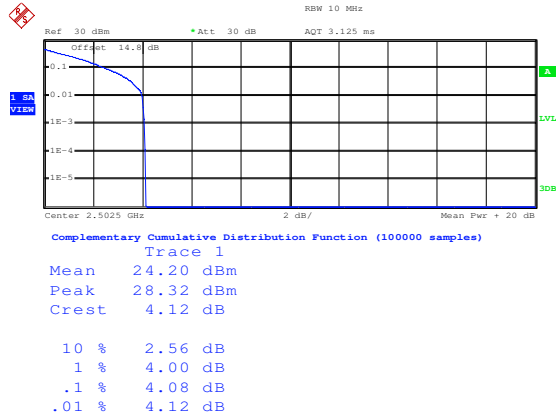
LTE FDD Band 7, Nominal Bandwidth: 10.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4	13	Pass
		1	25	3.8	13	Pass
		1	49	3.6	13	Pass
		25	0	4.6	13	Pass
		25	12	4.56	13	Pass
		25	25	4.88	13	Pass
		50	0	5.12	13	Pass
	MCH	1	0	4.44	13	Pass
		1	25	4.48	13	Pass
		1	49	4.12	13	Pass
		25	0	5.04	13	Pass
		25	12	5.04	13	Pass
		25	25	5.24	13	Pass
		50	0	5.4	13	Pass
	HCH	1	0	3.24	13	Pass
		1	25	3.72	13	Pass
		1	49	4.2	13	Pass
		25	0	4.44	13	Pass
		25	12	4.64	13	Pass
		25	25	5.2	13	Pass
		50	0	5.16	13	Pass
16QAM	LCH	1	0	5.04	13	Pass
		1	25	4.48	13	Pass
		1	49	4.4	13	Pass
		25	0	5.52	13	Pass
		25	12	5.52	13	Pass
		25	25	5.64	13	Pass
		50	0	5.96	13	Pass
	MCH	1	0	5.24	13	Pass
		1	25	5.24	13	Pass
		1	49	4.96	13	Pass
		25	0	6	13	Pass
		25	12	6	13	Pass
		25	25	6.08	13	Pass
		50	0	6.28	13	Pass
	HCH	1	0	4.2	13	Pass
		1	25	4.68	13	Pass
		1	49	5.04	13	Pass
		25	0	5.32	13	Pass
		25	12	5.48	13	Pass
		25	25	6	13	Pass
		50	0	5.96	13	Pass

LTE FDD Band 7, Nominal Bandwidth: 15.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	6.24	13	Pass
		1	37	3.68	13	Pass
		1	74	7.4	13	Pass
		36	0	5	13	Pass
		36	20	4.84	13	Pass
		36	39	5.56	13	Pass
		75	0	5.72	13	Pass
	MCH	1	0	5.92	13	Pass
		1	37	4.48	13	Pass
		1	74	6.96	13	Pass
		36	0	5.16	13	Pass
		36	20	5.28	13	Pass
		36	39	5.92	13	Pass
		75	0	5.84	13	Pass
	HCH	1	0	6.56	13	Pass
		1	37	3.44	13	Pass
		1	74	6.64	13	Pass
		36	0	4.92	13	Pass
		36	20	4.88	13	Pass
		36	39	5.84	13	Pass
		75	0	5.76	13	Pass
16QAM	LCH	1	0	6.24	13	Pass
		1	37	4.48	13	Pass
		1	74	7.28	13	Pass
		36	0	6.12	13	Pass
		36	20	5.68	13	Pass
		36	39	6.6	13	Pass
		75	0	6.68	13	Pass
	MCH	1	0	6.16	13	Pass
		1	37	5.28	13	Pass
		1	74	7.64	13	Pass
		36	0	6.2	13	Pass
		36	20	6.12	13	Pass
		36	39	6.68	13	Pass
		75	0	6.84	13	Pass
	HCH	1	0	6.16	13	Pass
		1	37	4.48	13	Pass
		1	74	7.56	13	Pass
		36	0	5.88	13	Pass
		36	20	5.6	13	Pass
		36	39	6.56	13	Pass
		75	0	6.64	13	Pass

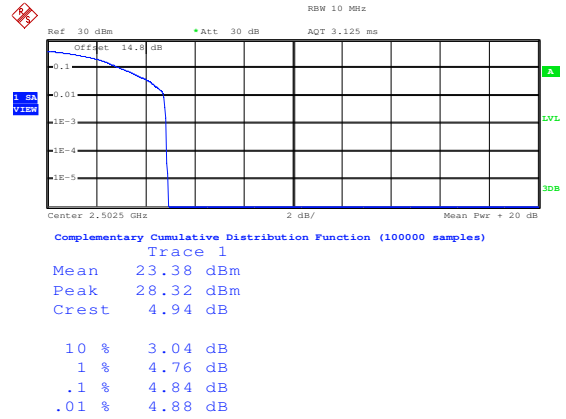
LTE FDD Band 7, Nominal Bandwidth: 20.0MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.04	13	Pass
		1	50	3.68	13	Pass
		1	99	5.2	13	Pass
		50	0	5.8	13	Pass
		50	25	5.04	13	Pass
		50	50	6.4	13	Pass
		100	0	6.52	13	Pass
	MCH	1	0	5.88	13	Pass
		1	50	4.68	13	Pass
		1	99	5.8	13	Pass
		50	0	6	13	Pass
		50	25	5.4	13	Pass
		50	50	6.52	13	Pass
		100	0	6.48	13	Pass
	HCH	1	0	5.72	13	Pass
		1	50	3.44	13	Pass
		1	99	5.48	13	Pass
		50	0	5.8	13	Pass
		50	25	5	13	Pass
		50	50	6.4	13	Pass
		100	0	6.24	13	Pass
16QAM	LCH	1	0	5.52	13	Pass
		1	50	4.52	13	Pass
		1	99	5.32	13	Pass
		50	0	6.76	13	Pass
		50	25	5.96	13	Pass
		50	50	6.96	13	Pass
		100	0	7.08	13	Pass
	MCH	1	0	6.16	13	Pass
		1	50	5.72	13	Pass
		1	99	6.8	13	Pass
		50	0	6.88	13	Pass
		50	25	6.32	13	Pass
		50	50	7.28	13	Pass
		100	0	7.24	13	Pass
	HCH	1	0	5.84	13	Pass
		1	50	4.16	13	Pass
		1	99	5.08	13	Pass
		50	0	6.44	13	Pass
		50	25	5.72	13	Pass
		50	50	6.92	13	Pass
		100	0	7.04	13	Pass

LTE FDD Band 7, Nominal Bandwidth: 5MHz

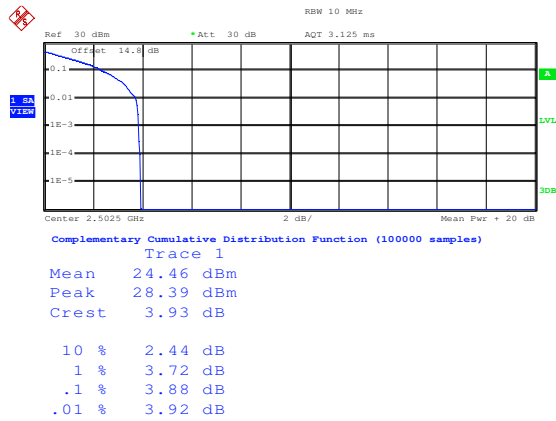
QPSK Low channel-1 RB offset 0



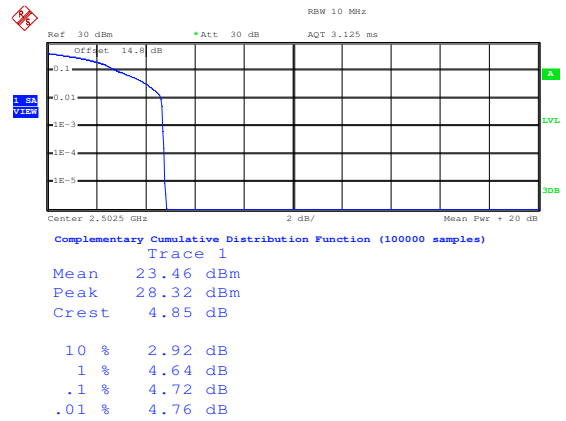
16QAM Low channel-1 RB offset 0



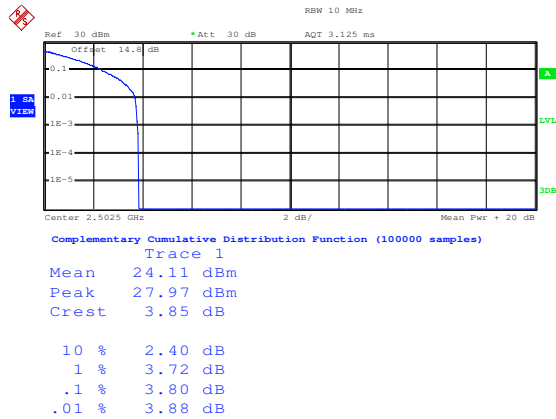
QPSK Low channel-1 RB offset 12



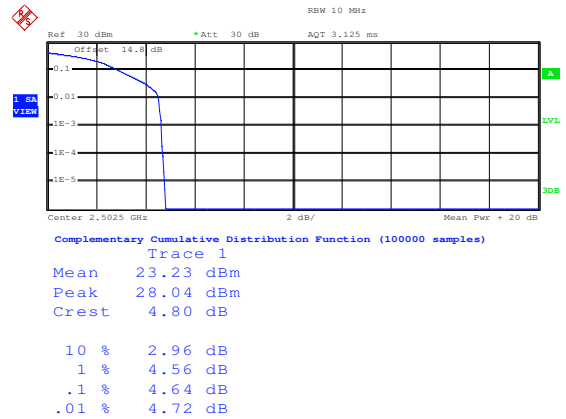
16QAM Low channel-1 RB offset 12

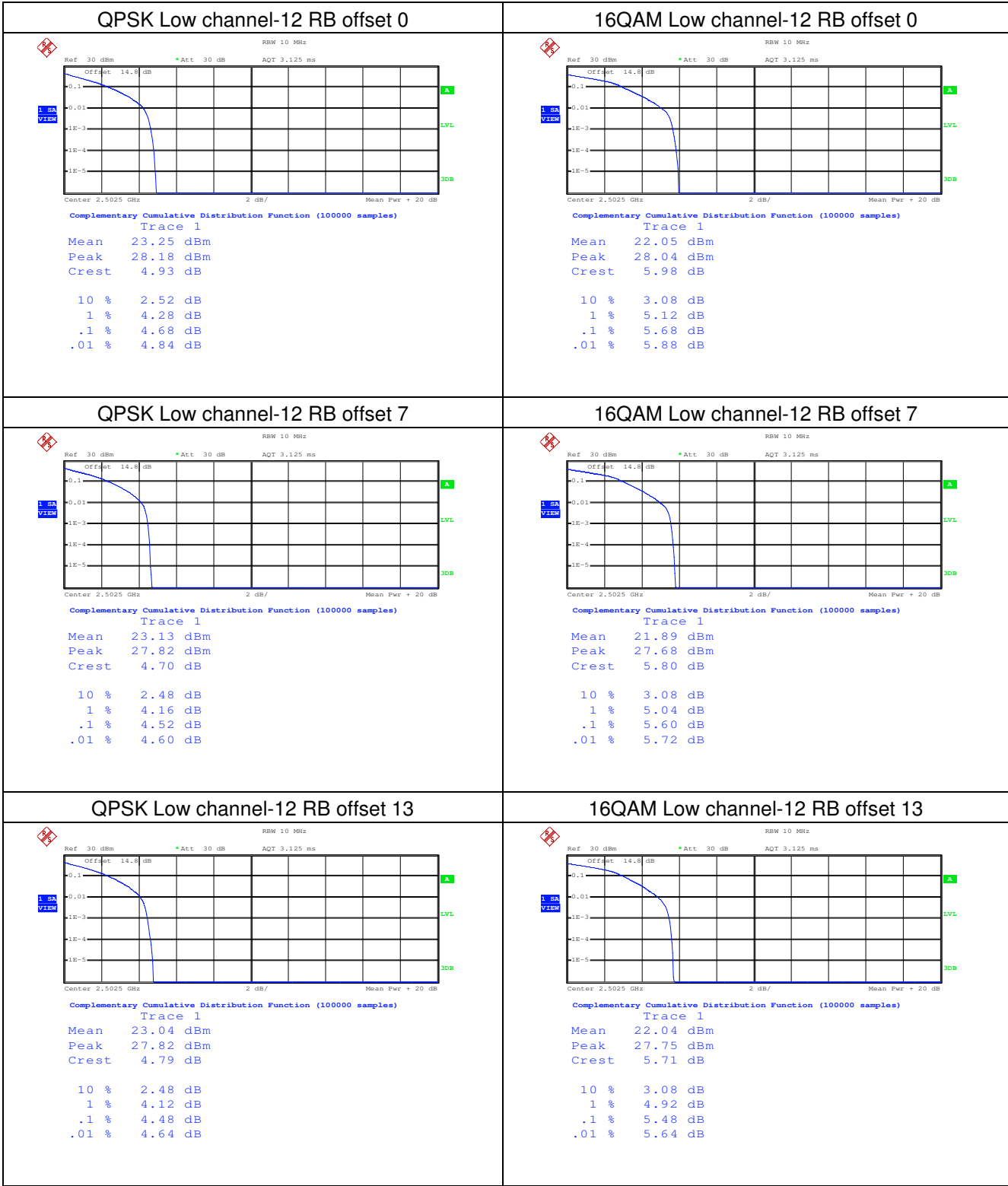


QPSK Low channel-1 RB offset 24



16QAM Low channel-1 RB offset 24





Ref 30 dBm

Offset 14.8 dB

Att 30 dB

RBW 10 MHz

AQT 3.125 ms

Plot showing Power Spectral Density (PSD) for 16QAM modulation. The y-axis is logarithmic, ranging from 1E-5 to 0.1. The x-axis is linear, ranging from 2.5025 GHz to 2.5035 GHz. The plot shows a sharp peak at 2.5025 GHz, with a roll-off rate of 2 dB/decade. The plot is labeled '1 SA VIEW' and '1A'.

Center 2.5025 GHz

2 dB/

Mean Pwr + 20 dB

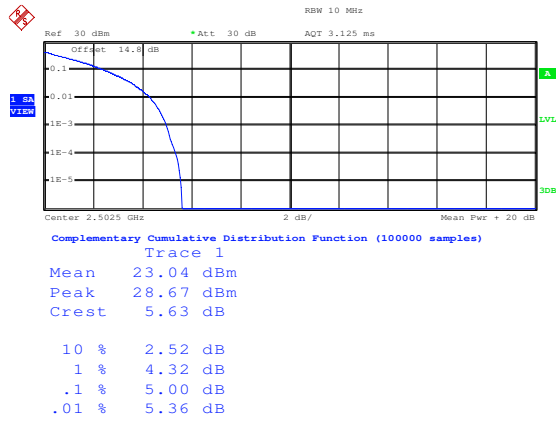
Complementary Cumulative Distribution Function (100000 samples)

Trace 1

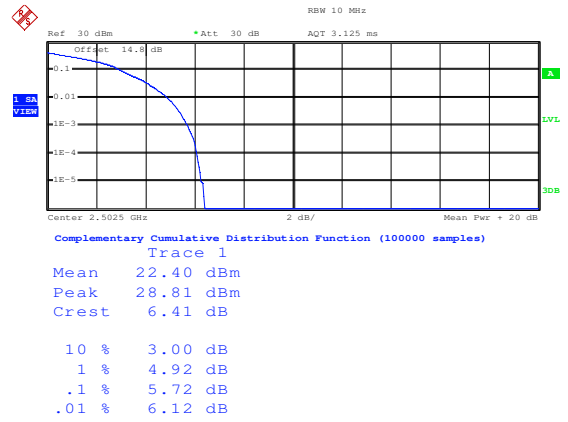
Mean	22.05 dBm
Peak	28.04 dBm
Crest	5.98 dB

10 %	3.08 dB
1 %	5.12 dB
.1 %	5.68 dB
.01 %	5.88 dB

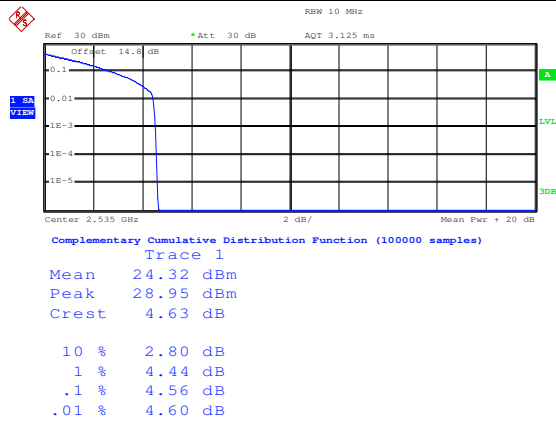
QPSK Low channel-25 RB offset 0



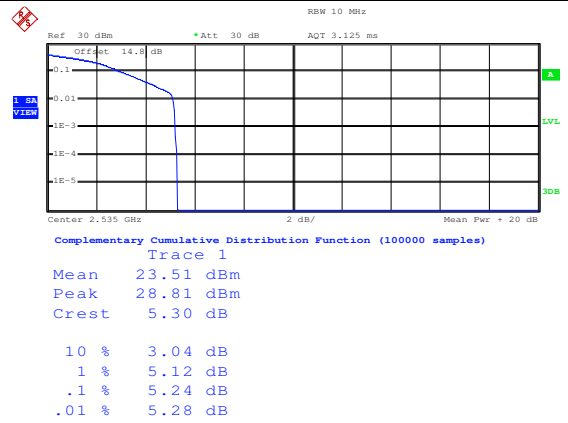
16QAM Low channel-25 RB offset 0



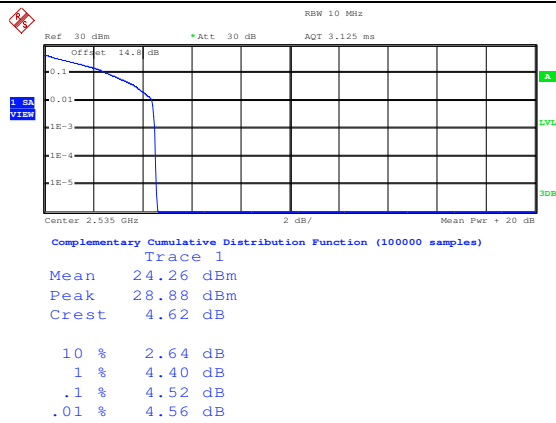
QPSK Middle channel-1 RB offset 0



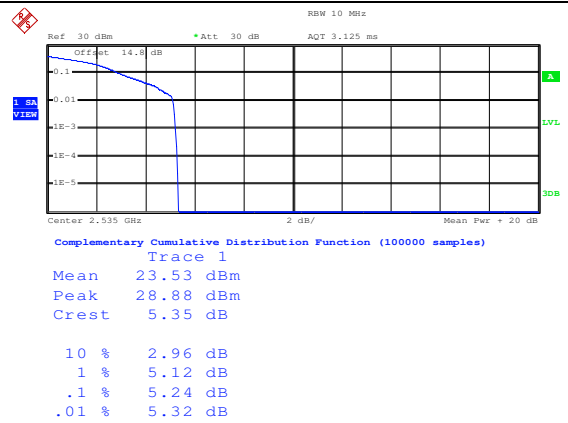
16QAM Middle channel-1 RB offset 0



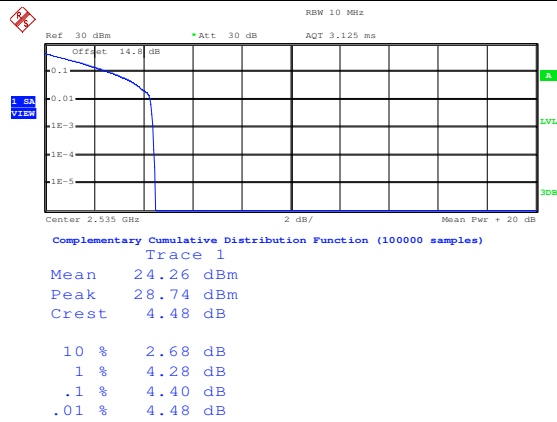
QPSK Middle channel-1 RB offset 12



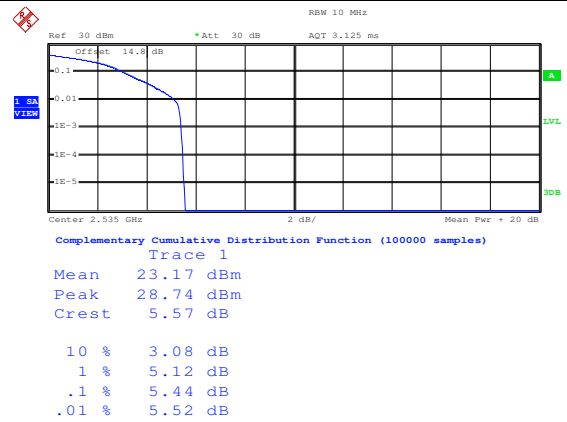
16QAM Middle channel-1 RB offset 12



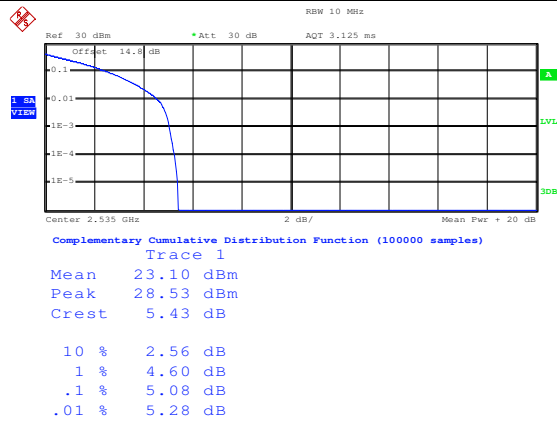
QPSK Middle channel-1 RB offset 24



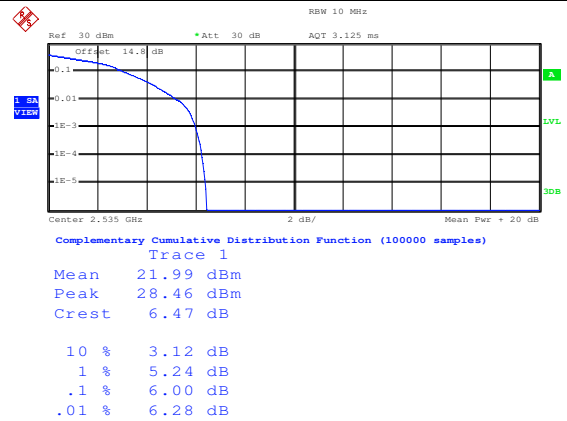
16QAM Middle channel-1 RB offset 24



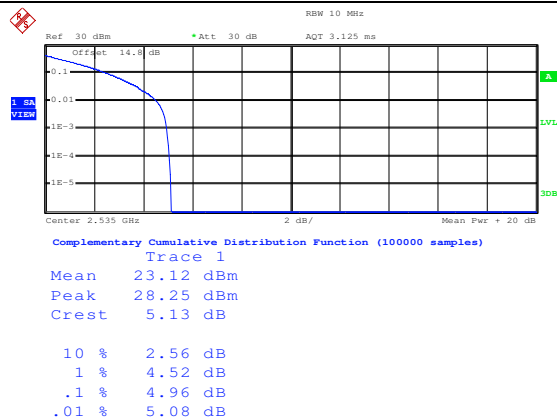
QPSK Middle channel-12 RB offset 0



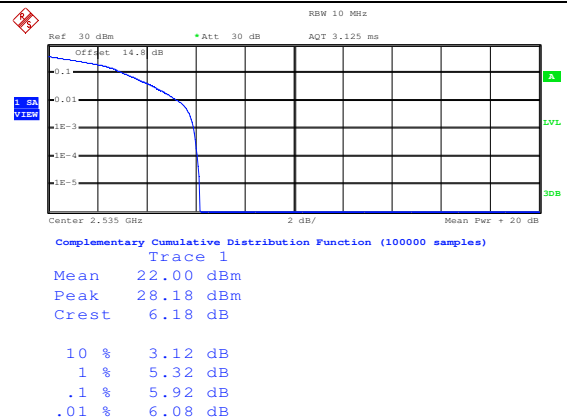
16QAM Middle channel-12 RB offset 0



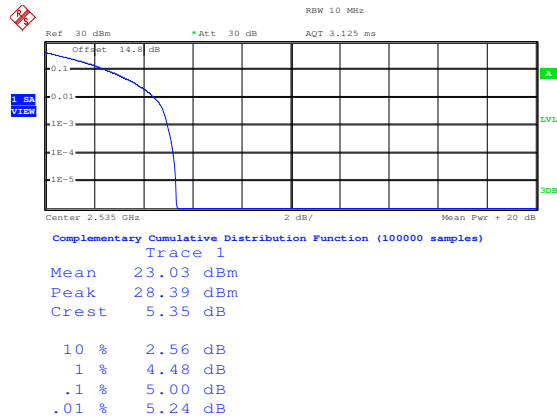
QPSK Middle channel-12 RB offset 7



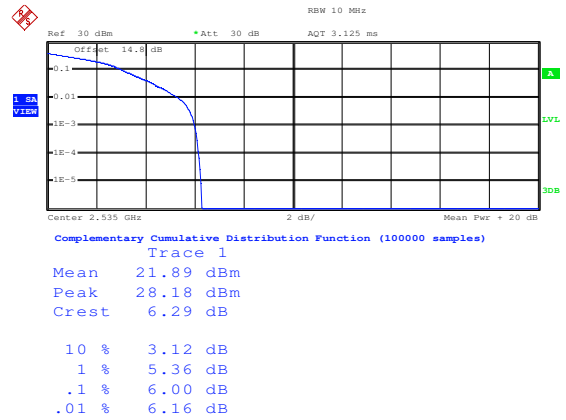
16QAM Middle channel-12 RB offset 7



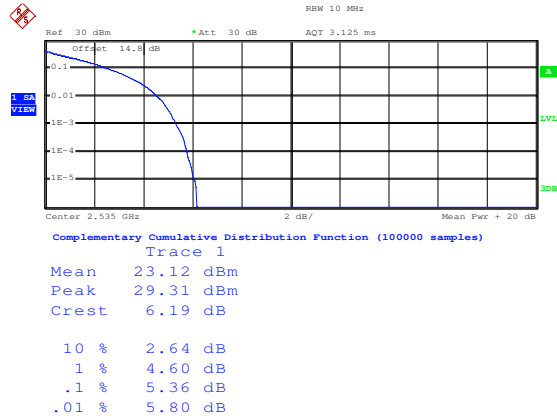
QPSK Middle channel-12 RB offset 13



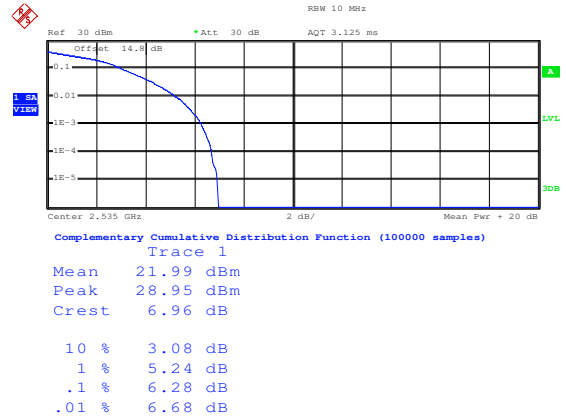
16QAM Middle channel-12 RB offset 13



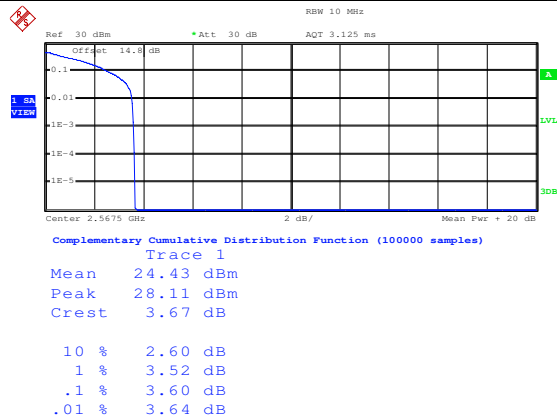
QPSK Middle channel-25 RB offset 0



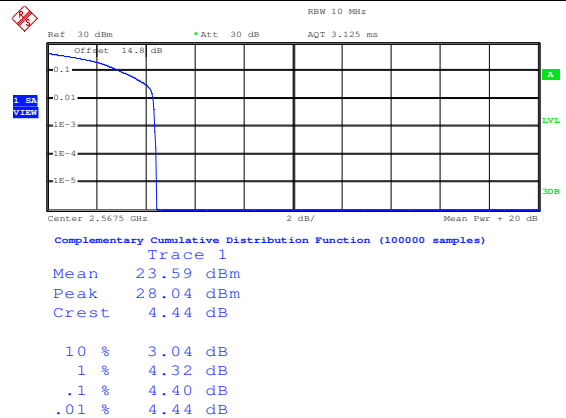
16QAM Middle channel-25 RB offset 0



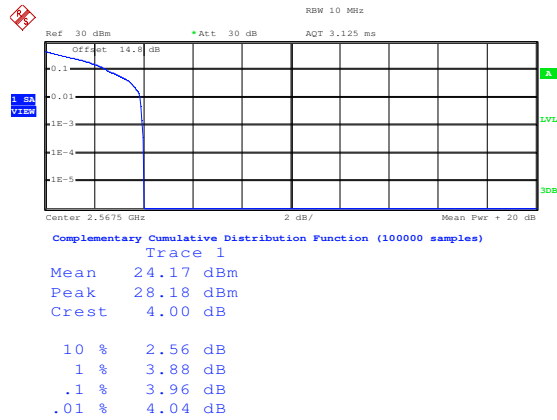
QPSK High channel-1 RB offset 0



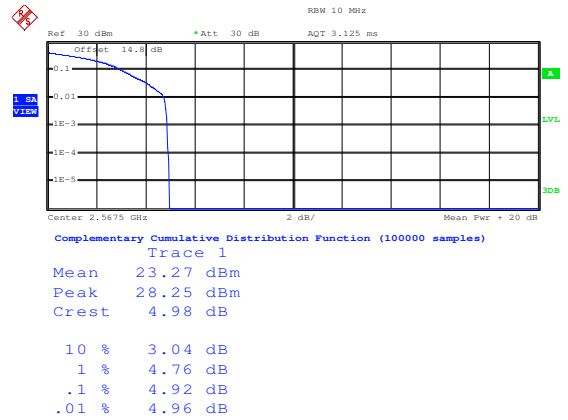
16QAM High channel-1 RB offset 0



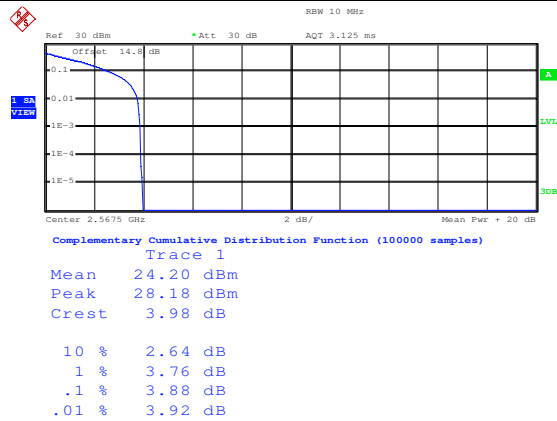
QPSK High channel-1 RB offset 12



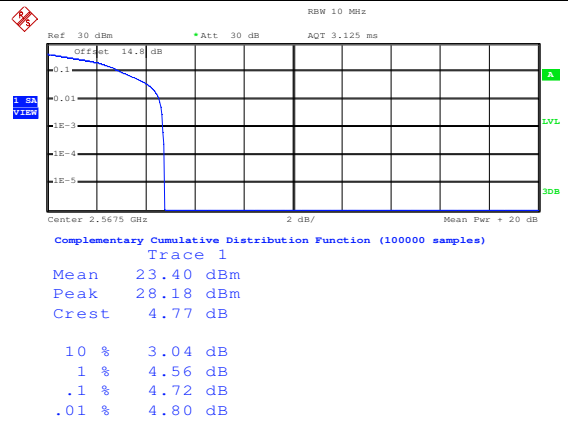
16QAM High channel-1 RB offset 12



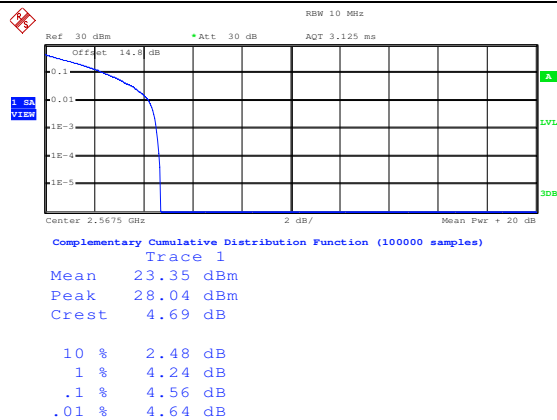
QPSK High channel-1 RB offset 24



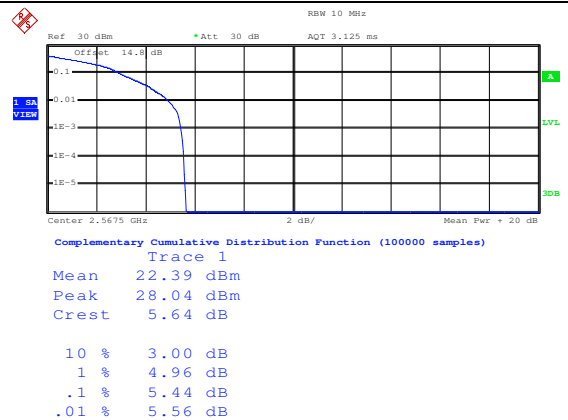
16QAM High channel-1 RB offset 24



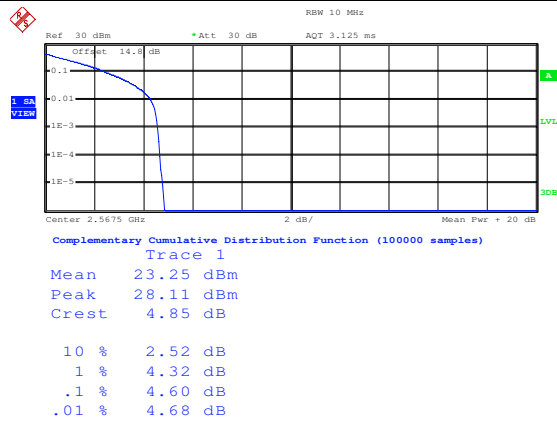
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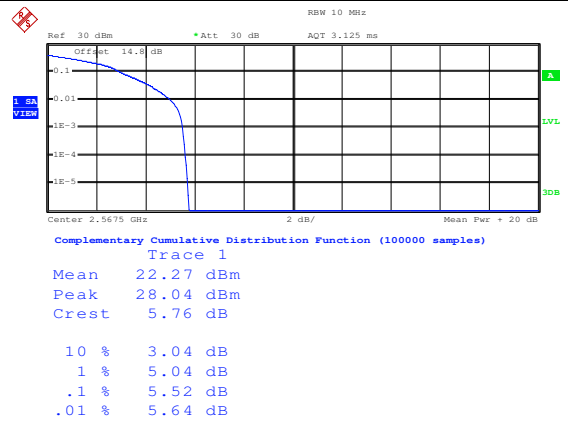
16QAM High channel-12 RB offset 0



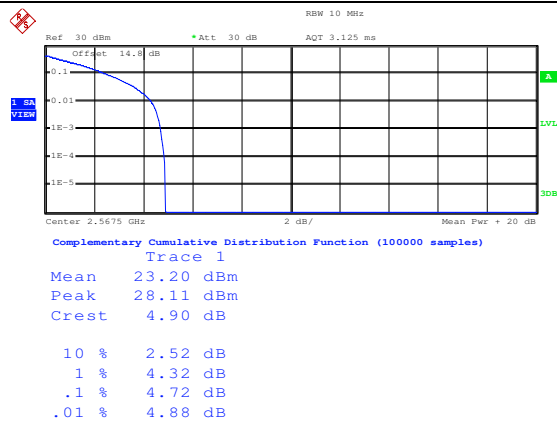
QPSK High channel-12 RB offset 7



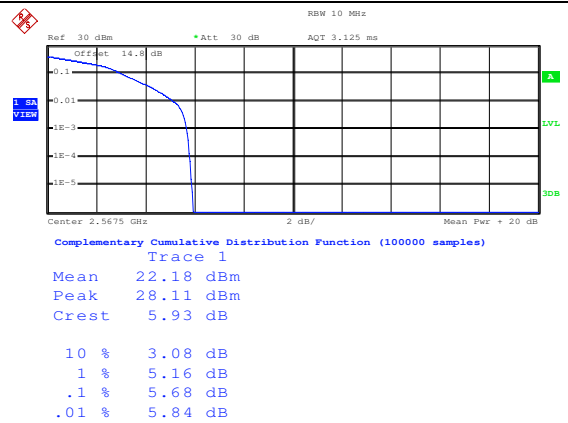
16QAM High channel-12 RB offset 7



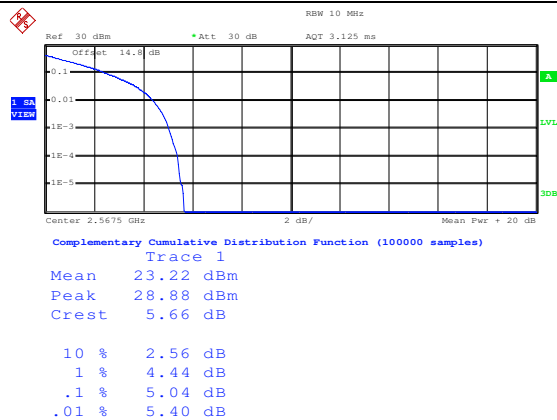
QPSK High channel-12 RB offset 13



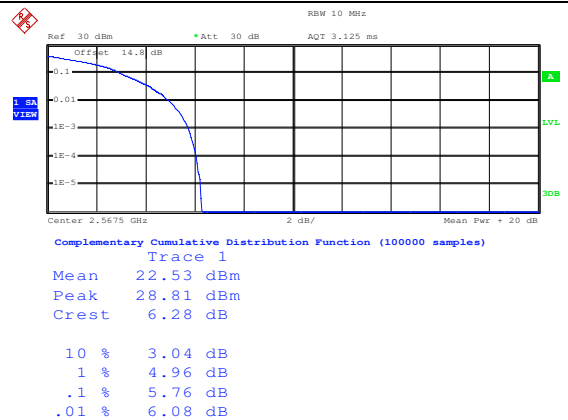
16QAM High channel-12 RB offset 13



QPSK High channel-25 RB offset 0

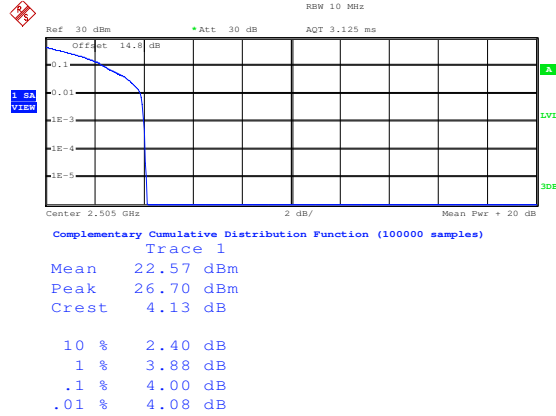


16QAM High channel-25 RB offset 0

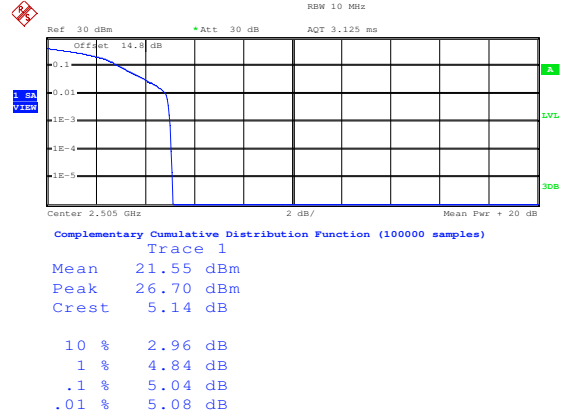


LTE FDD Band 7, Nominal Bandwidth: 10MHz

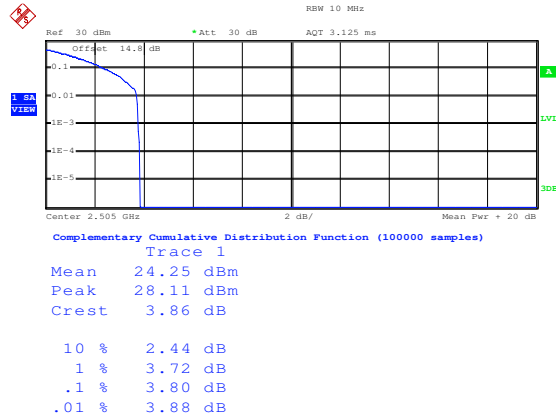
QPSK Low channel-1 RB offset 0



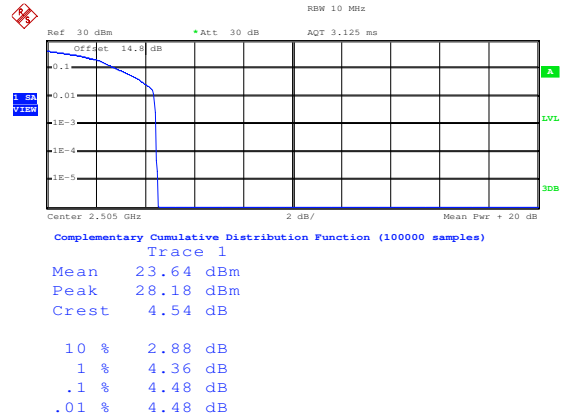
16QAM Low channel-1 RB offset 0



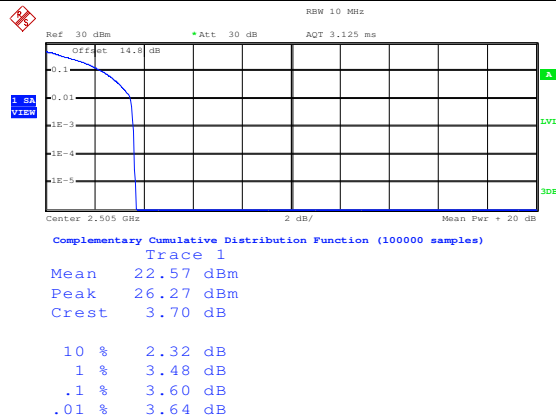
QPSK Low channel-1 RB offset 25



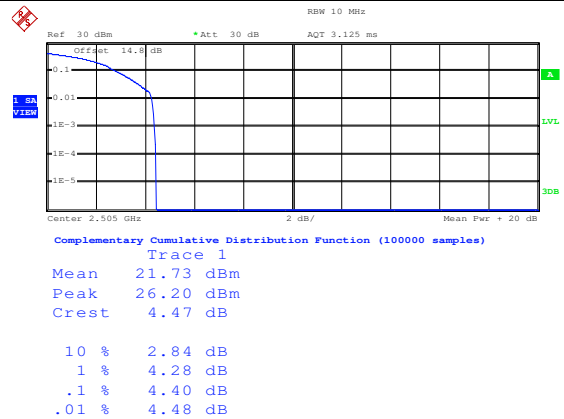
16QAM Low channel-1 RB offset 25

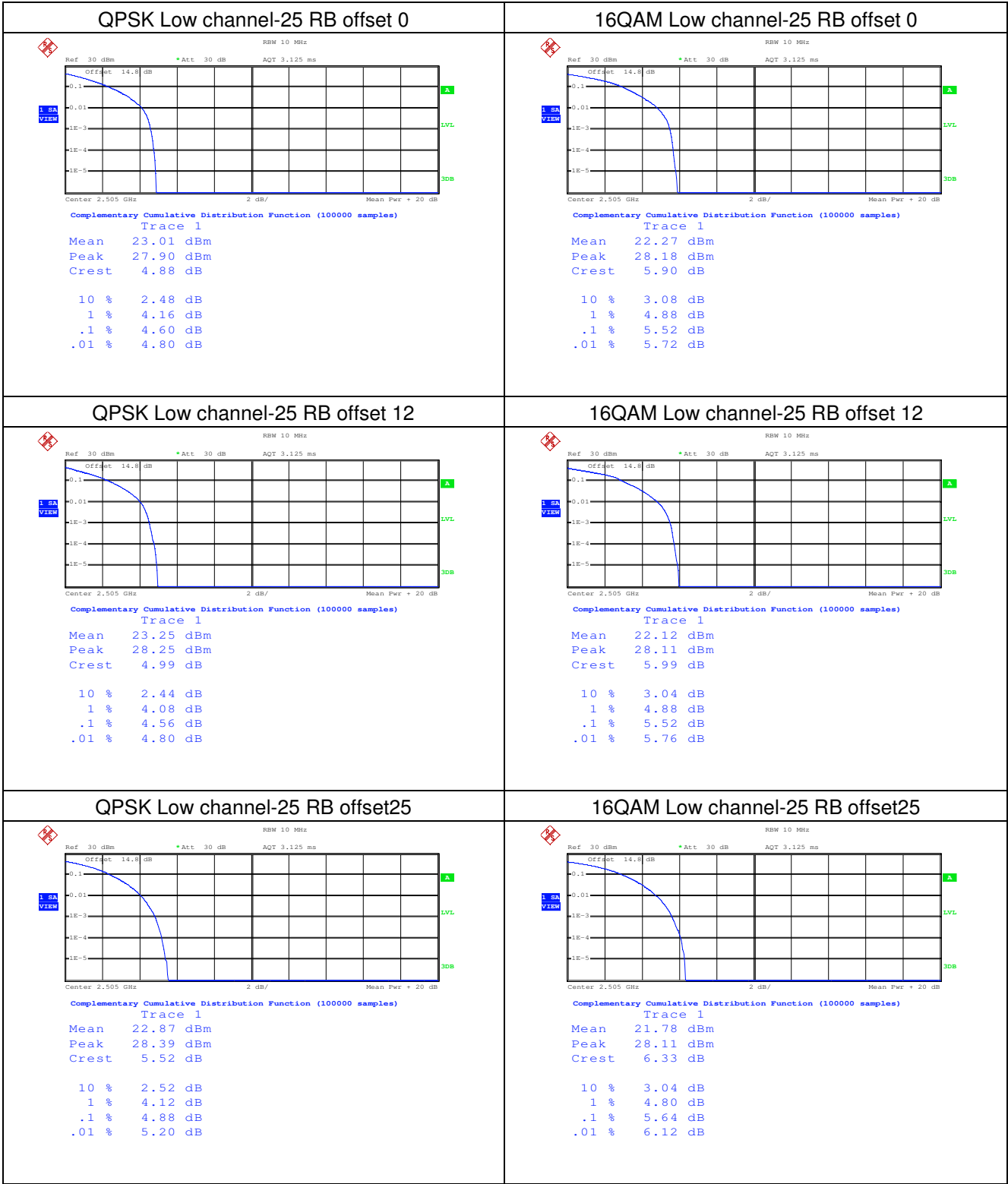


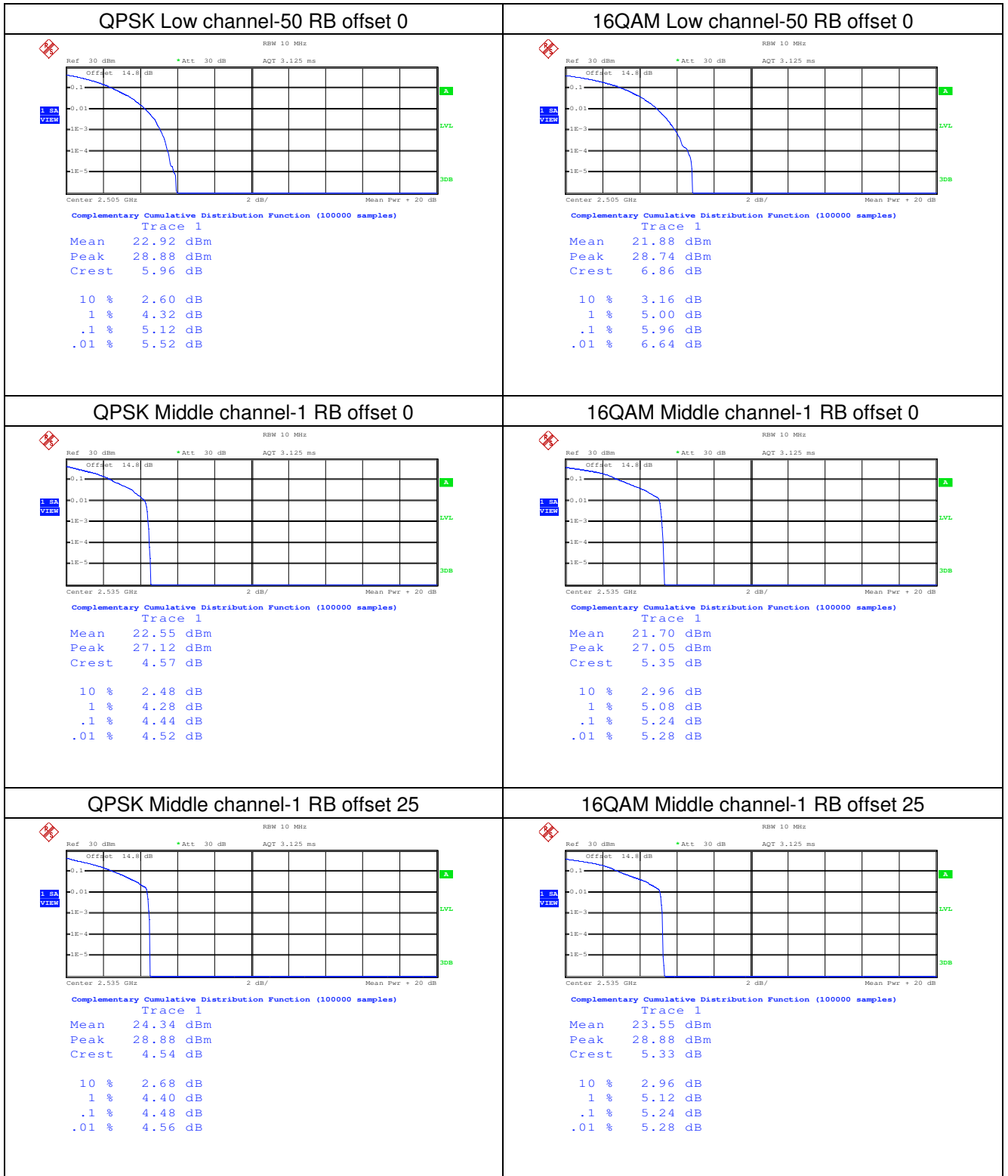
QPSK Low channel-1 RB offset 49

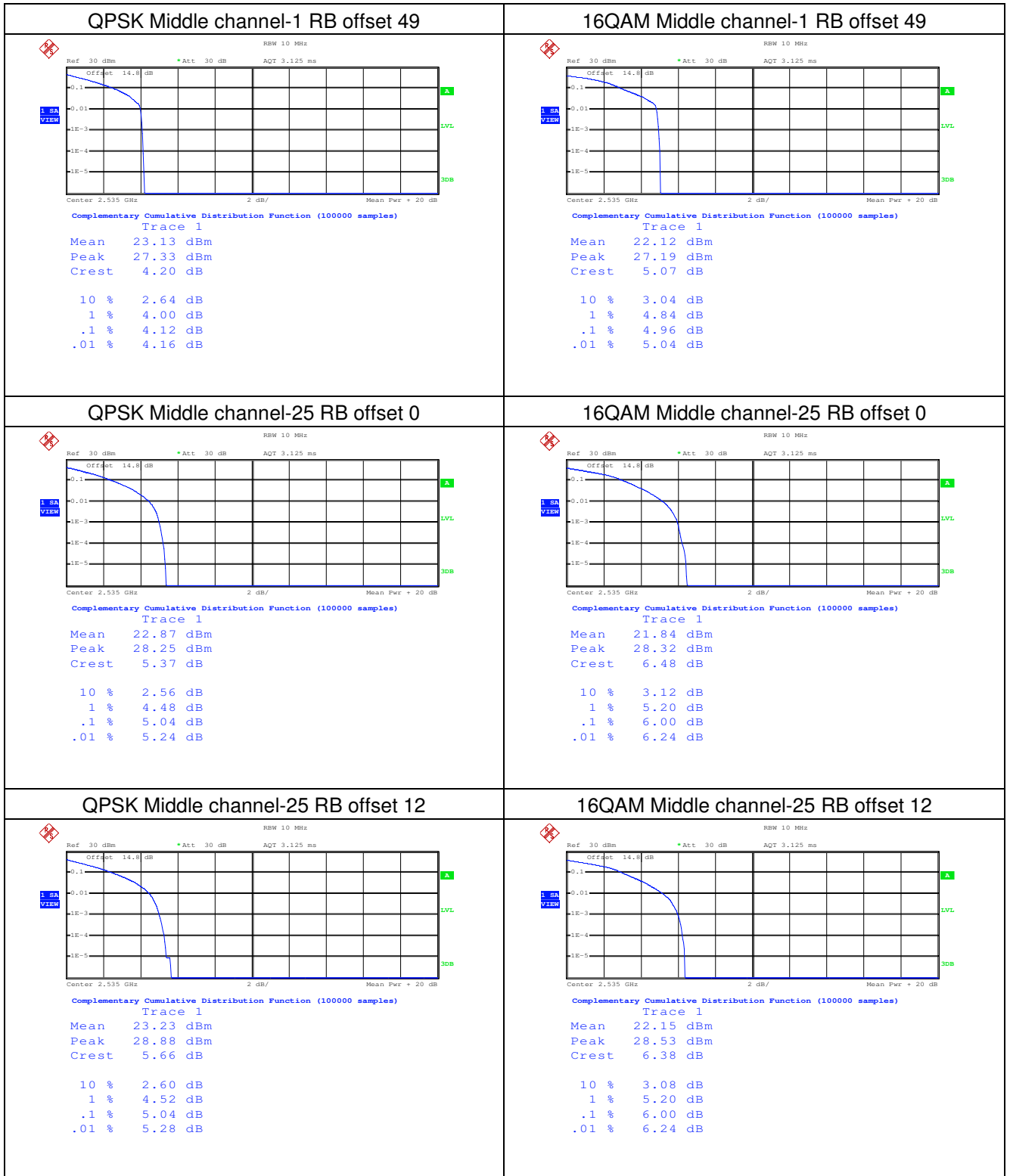


16QAM Low channel-1 RB offset 49

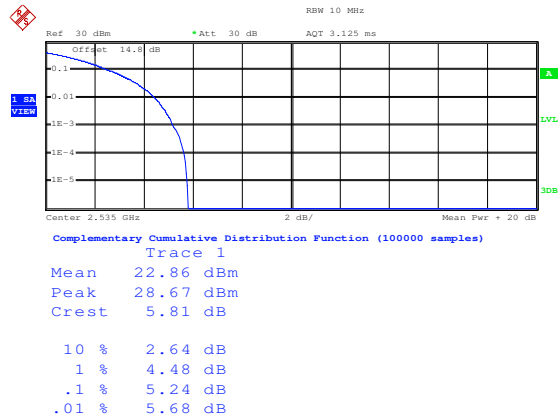




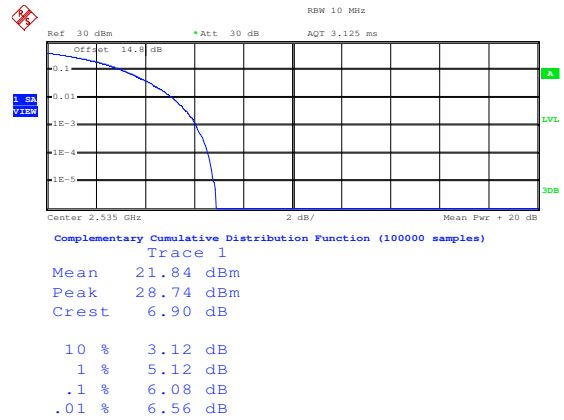




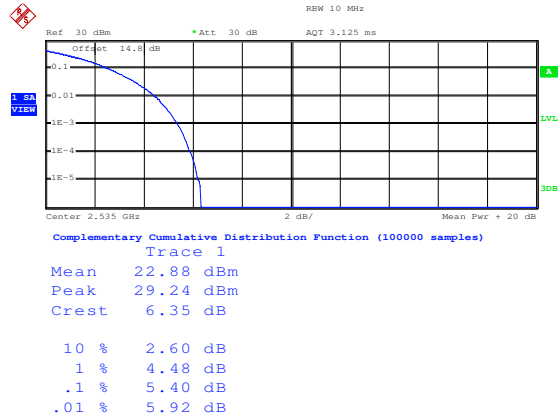
QPSK Middle channel-25 RB offset 25



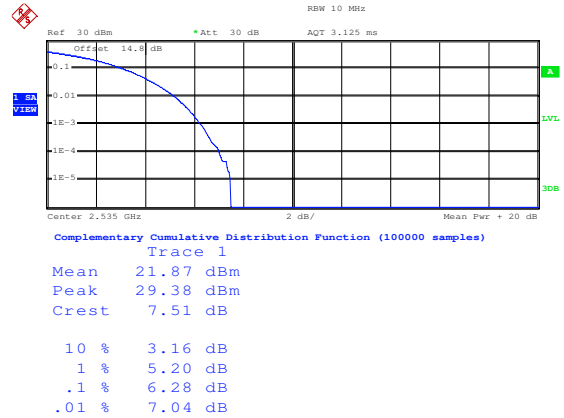
16QAM Middle channel-25 RB offset 25



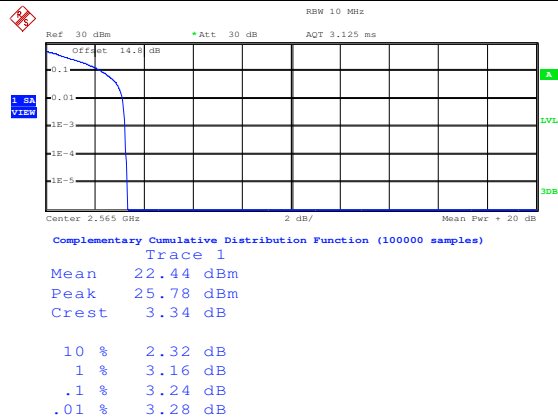
QPSK Middle channel-50 RB offset 0



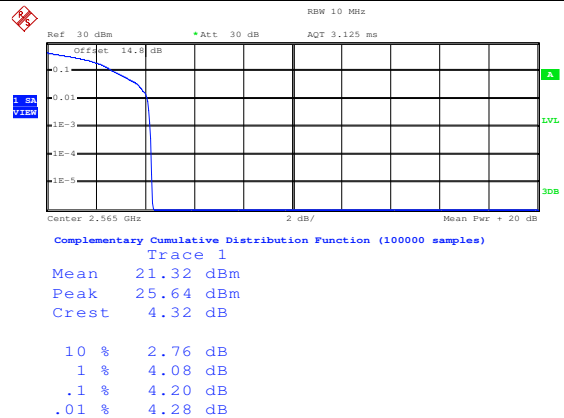
16QAM Middle channel-50 RB offset 0



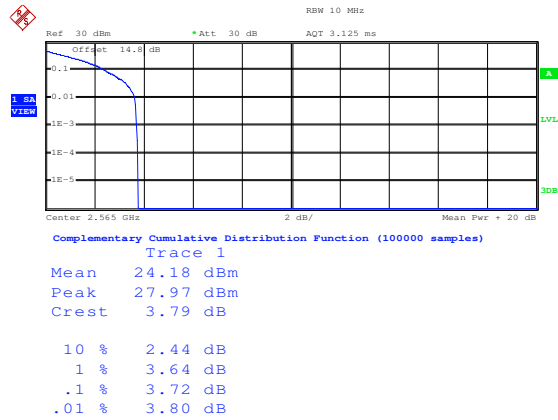
QPSK High channel-1 RB offset 0



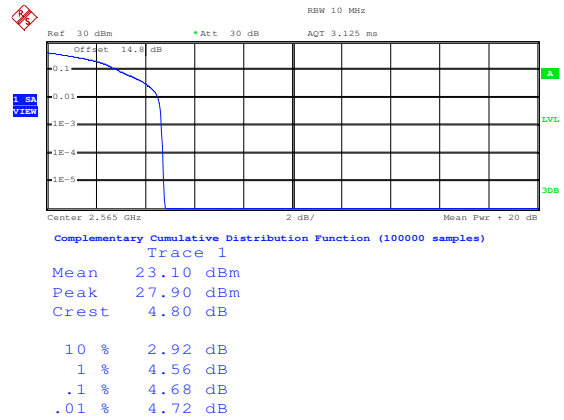
16QAM High channel-1 RB offset 0



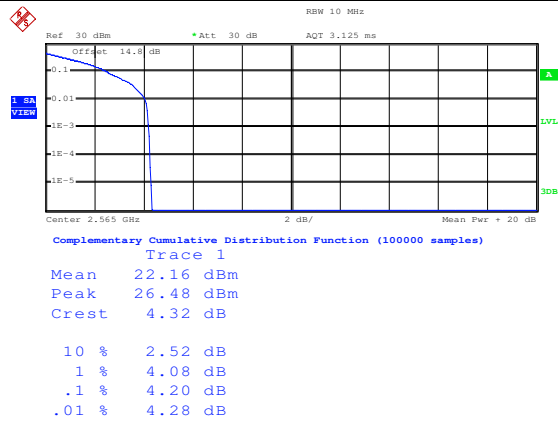
QPSK High channel-1 RB offset 25



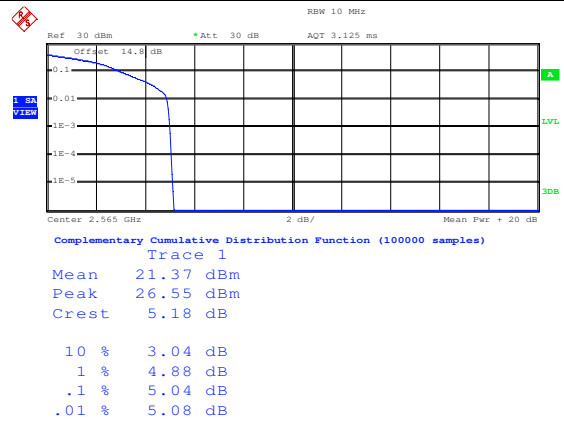
16QAM High channel-1 RB offset 25



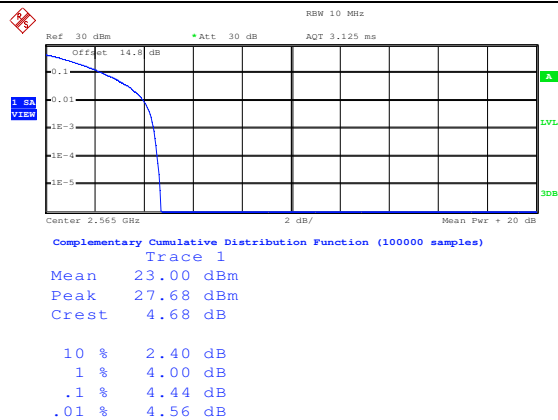
QPSK High channel-1 RB offset 49



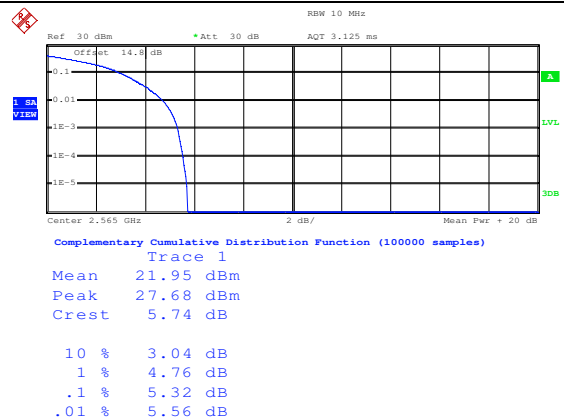
16QAM High channel-1 RB offset 49



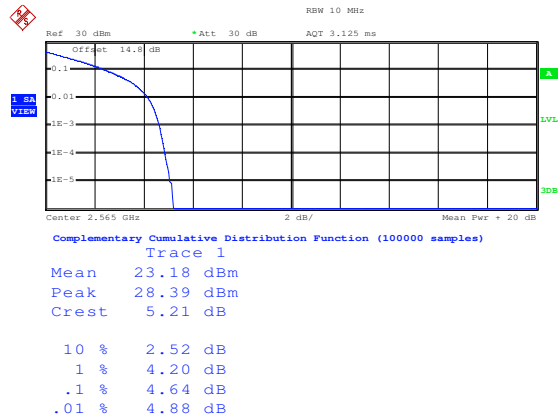
QPSK High channel-25 RB offset 0



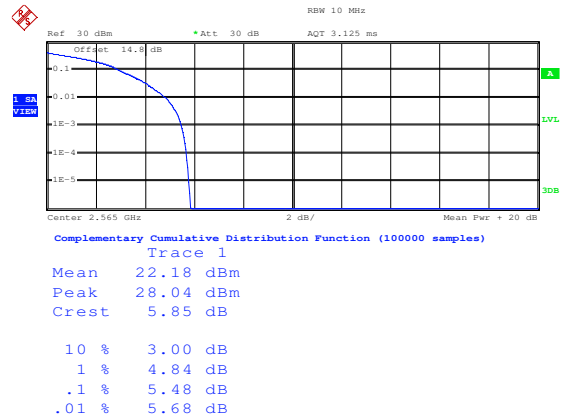
16QAM High channel-25 RB offset 0



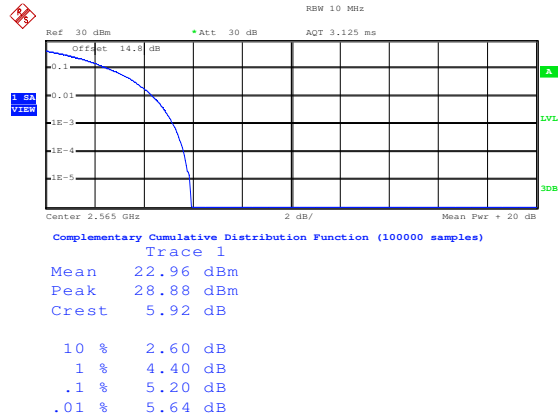
QPSK High channel-25 RB offset 12



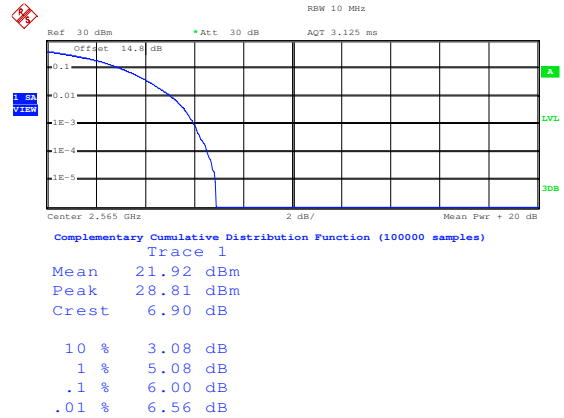
16QAM High channel-25 RB offset 12



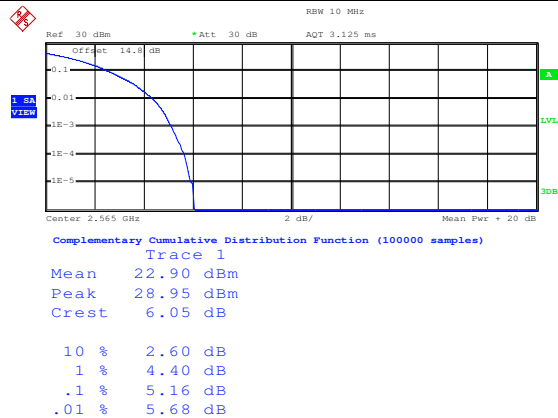
QPSK High channel-25 RB offset 25



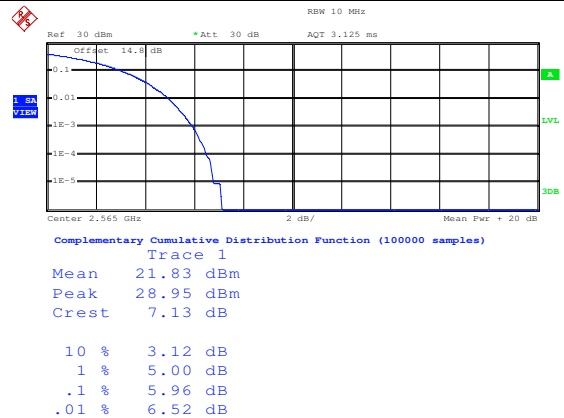
16QAM High channel-25 RB offset 25



QPSK High channel-50 RB offset 0

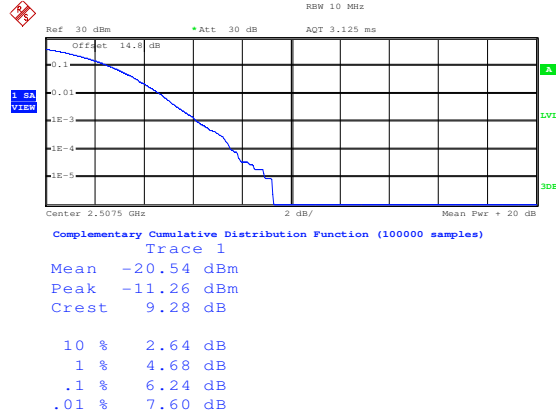


16QAM High channel-50 RB offset 0

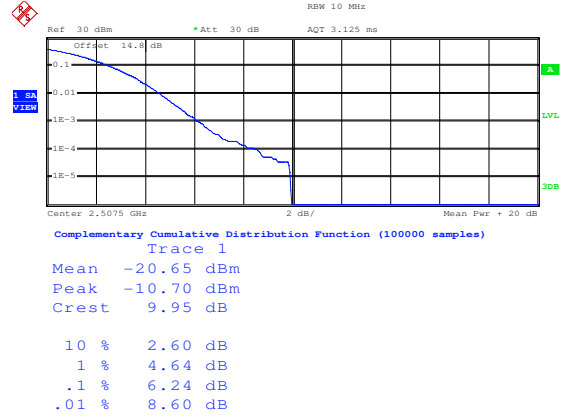


LTE FDD Band 7, Nominal Bandwidth: 15MHz

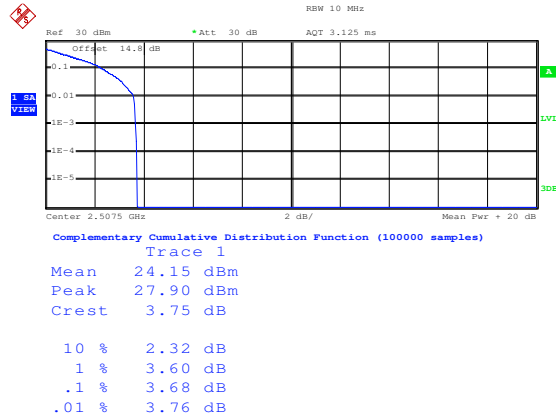
QPSK Low channel-1 RB offset 0



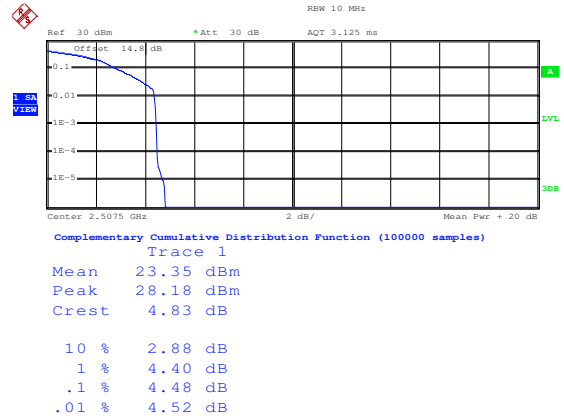
16QAM Low channel-1 RB offset 0



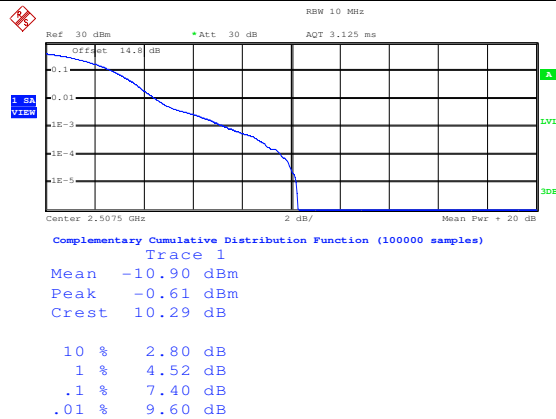
QPSK Low channel-1 RB offset 37



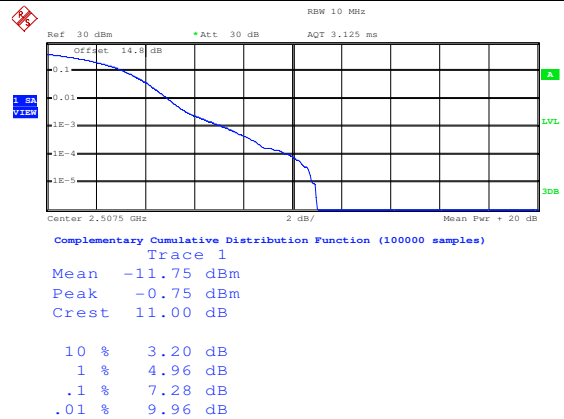
16QAM Low channel-1 RB offset 37

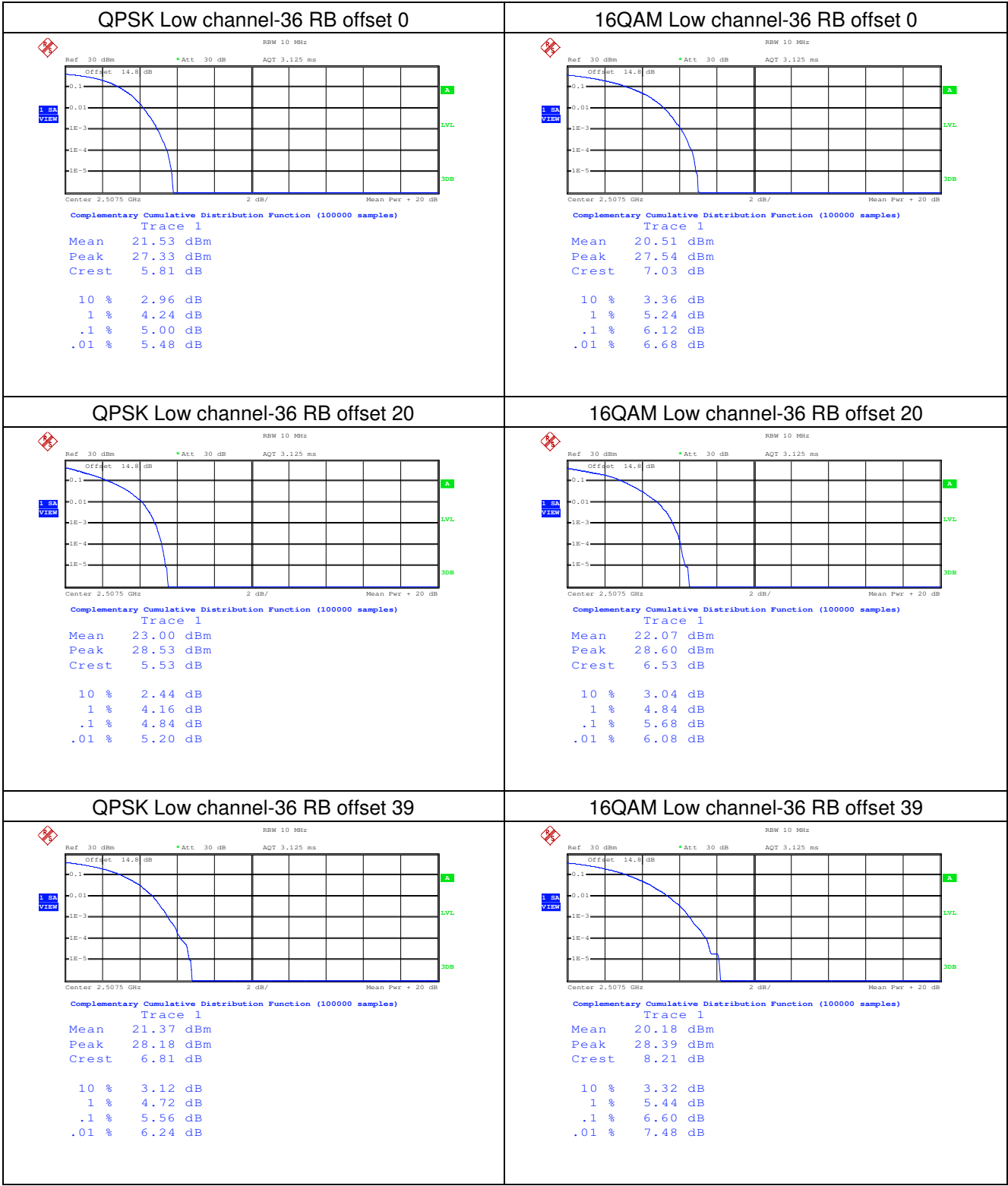


QPSK Low channel-1 RB offset 74

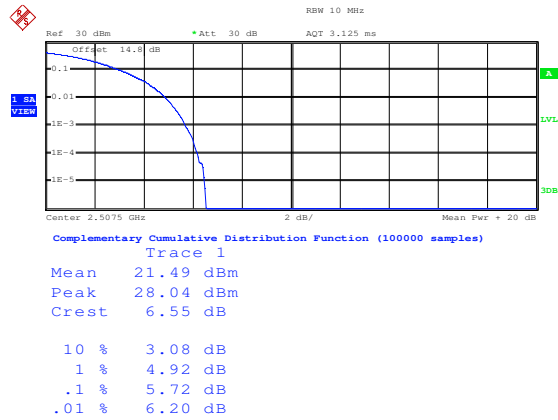


16QAM Low channel-1 RB offset 74

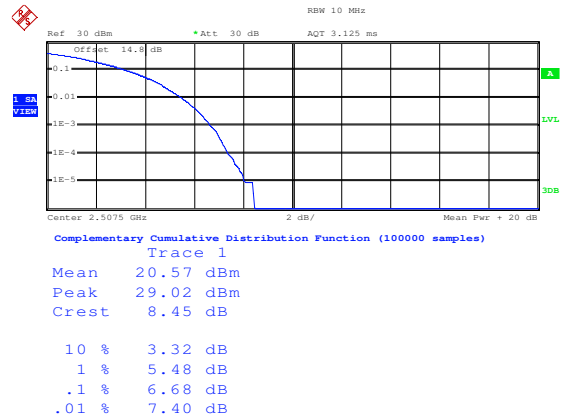




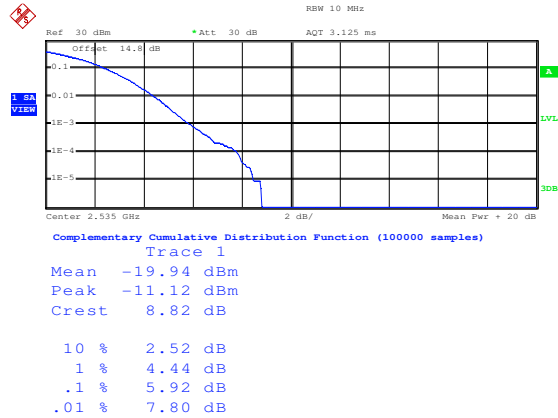
QPSK Low channel-75 RB offset 0



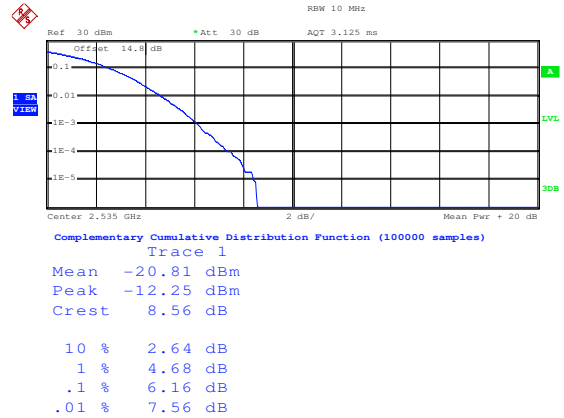
16QAM Low channel-75 RB offset 0



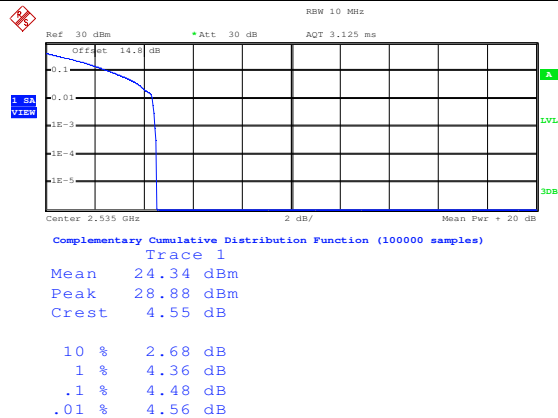
QPSK Middle channel-1 RB offset 0



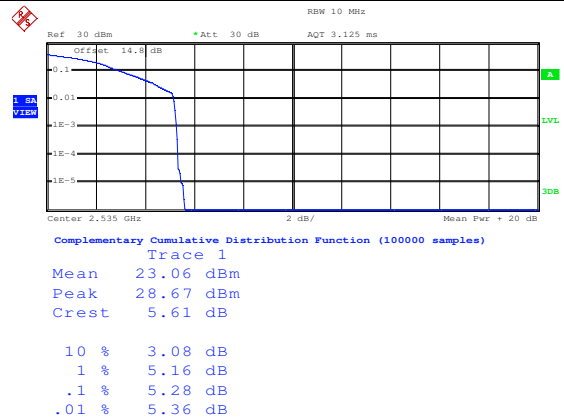
16QAM Middle channel-1 RB offset 0

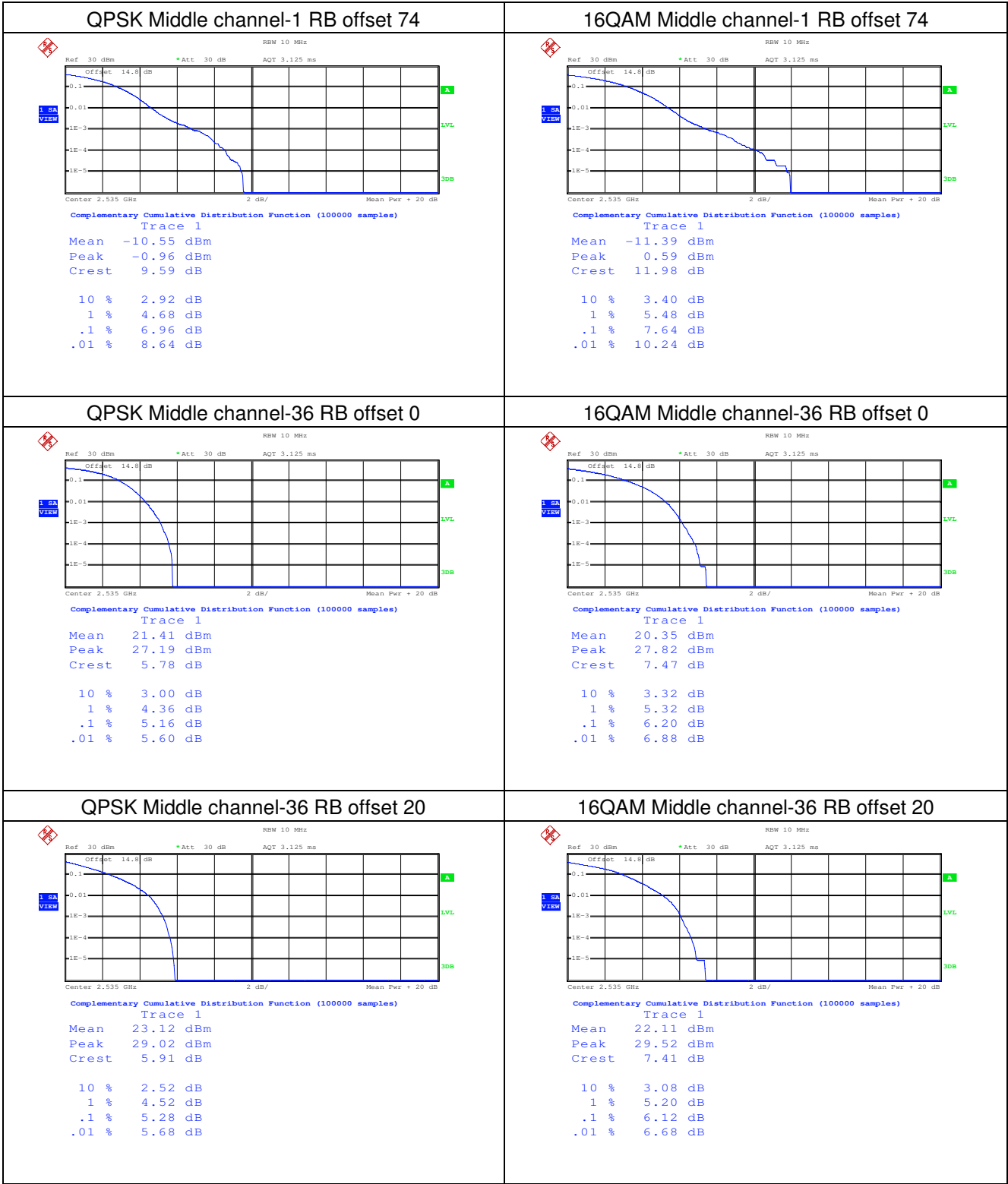


QPSK Middle channel-1 RB offset 37

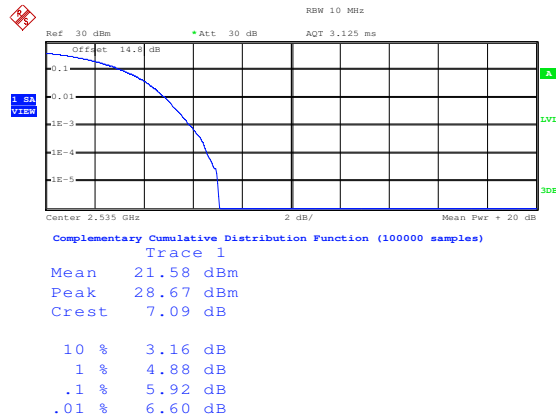


16QAM Middle channel-1 RB offset 37

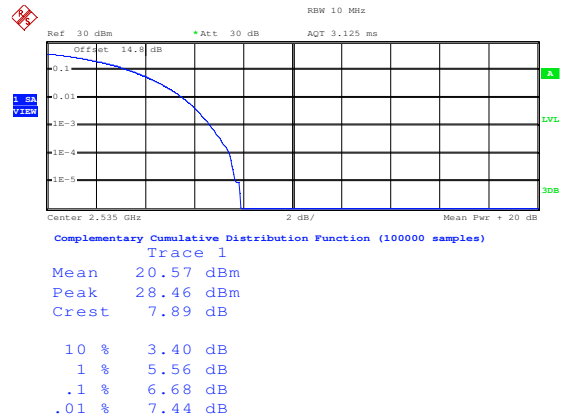




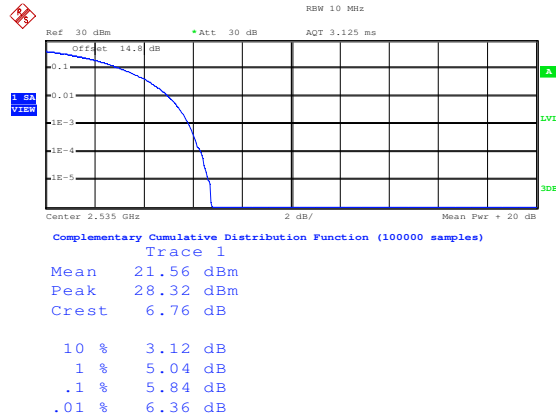
QPSK Middle channel-36 RB offset 39



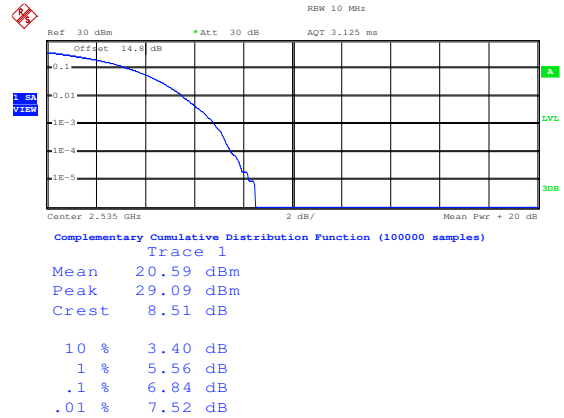
16QAM Middle channel-36 RB offset 39



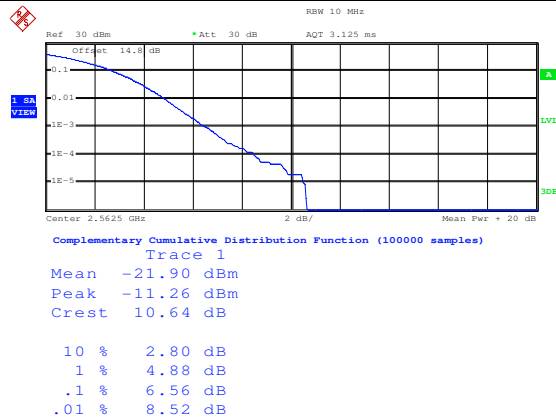
QPSK Middle channel-75 RB offset 0



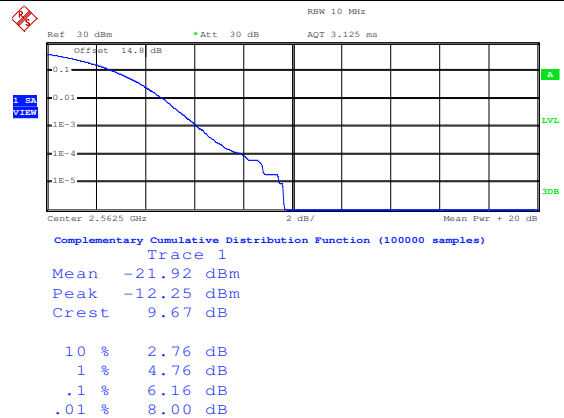
16QAM Middle channel-75 RB offset 0



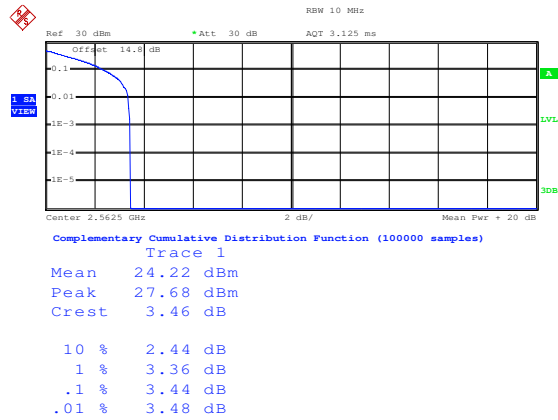
QPSK High channel-1 RB offset 0



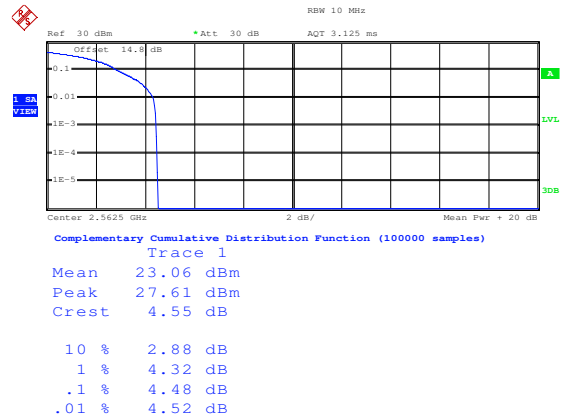
16QAM High channel-1 RB offset 0



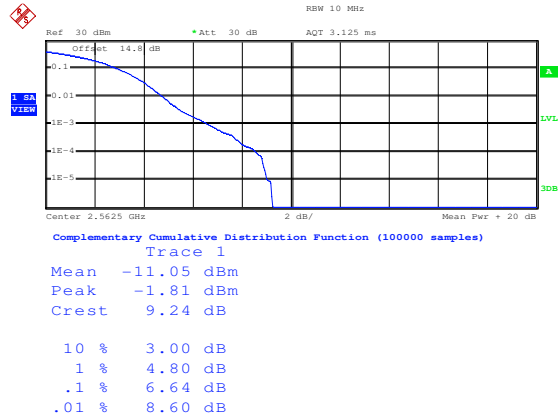
QPSK High channel-1 RB offset 37



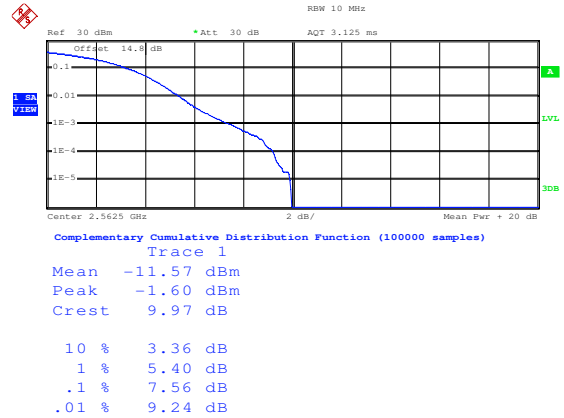
16QAM High channel-1 RB offset 37



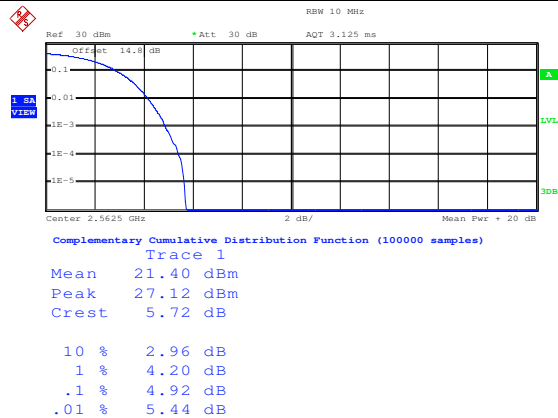
QPSK High channel-1 RB offset 74



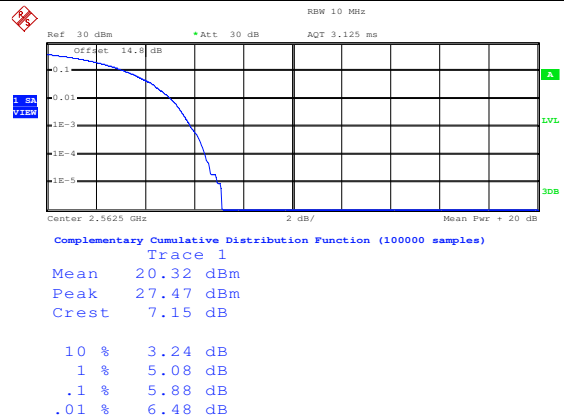
16QAM High channel-1 RB offset 74



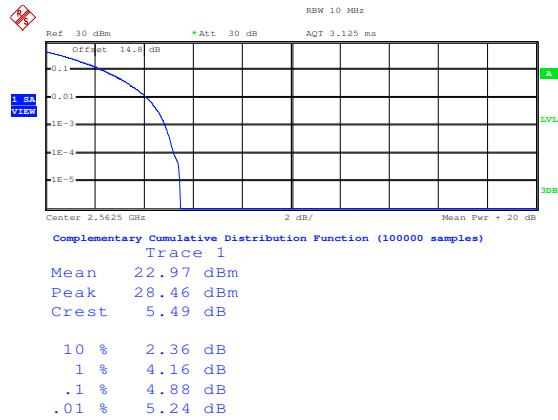
QPSK High channel-36 RB offset 0



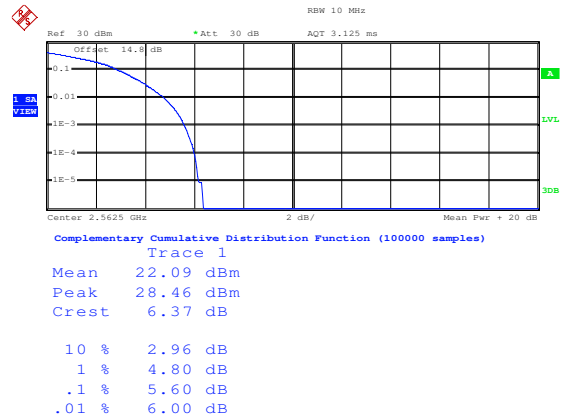
16QAM High channel-36 RB offset 0



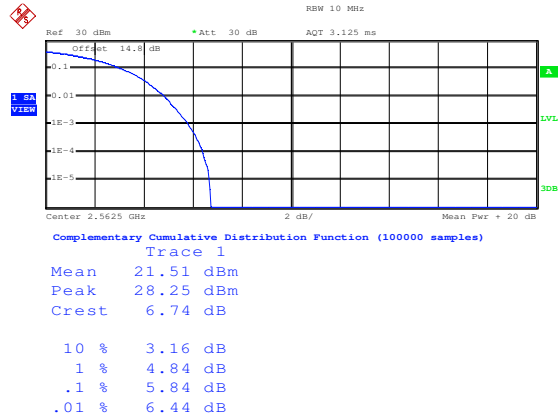
QPSK High channel-36 RB offset 20



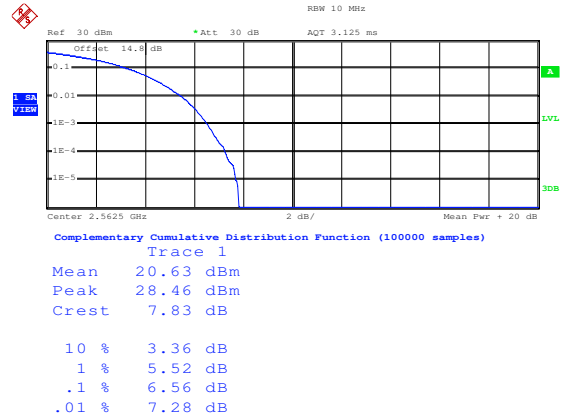
16QAM High channel-36 RB offset 20



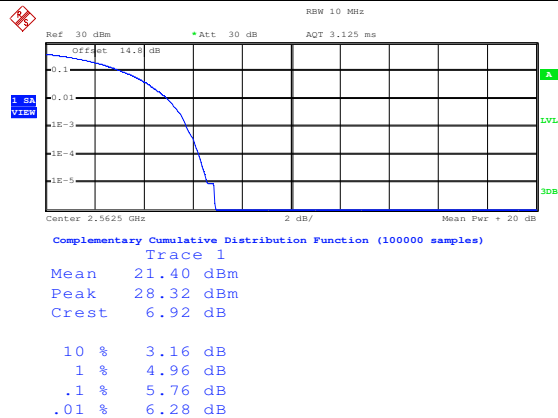
QPSK High channel-36 RB offset 39



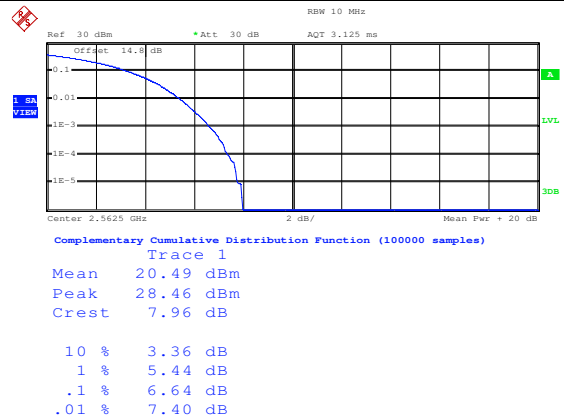
16QAM High channel-36 RB offset 39



QPSK High channel-75 RB offset 0

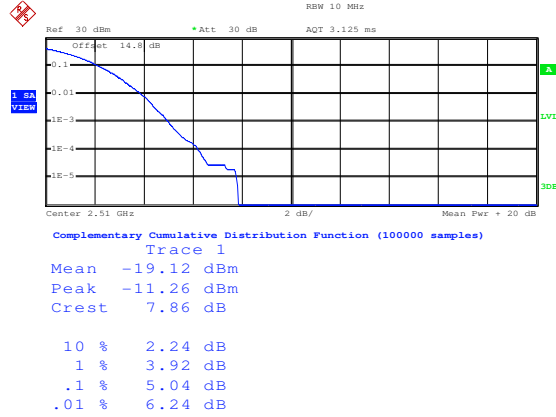


16QAM High channel-75 RB offset 0

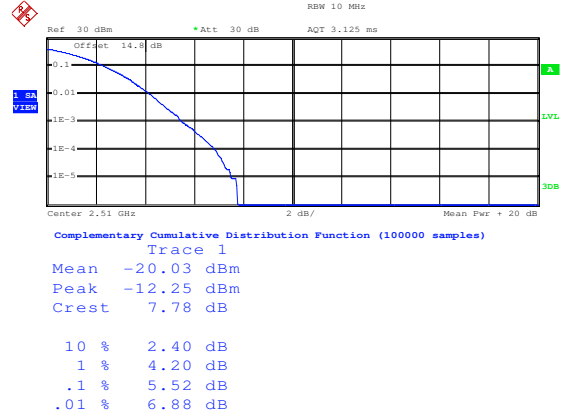


LTE FDD Band 7, Nominal Bandwidth: 20MHz

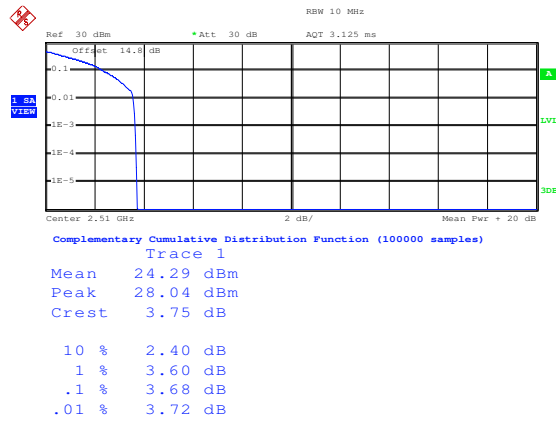
QPSK Low channel-1 RB offset 0



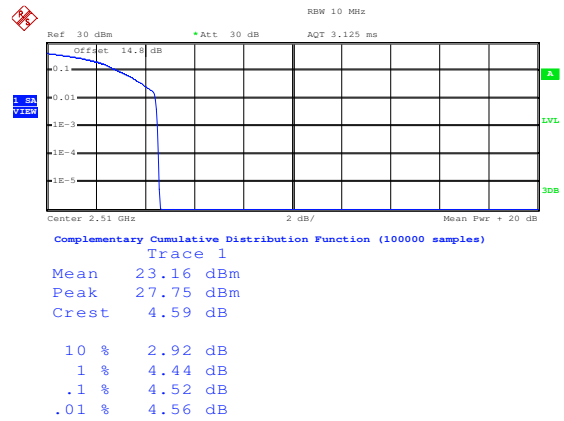
16QAM Low channel-1 RB offset 0



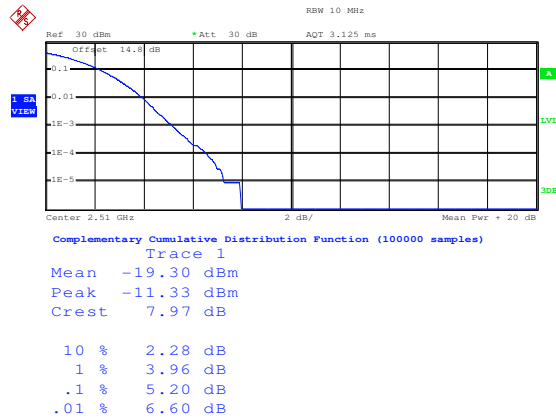
QPSK Low channel-1 RB offset 50



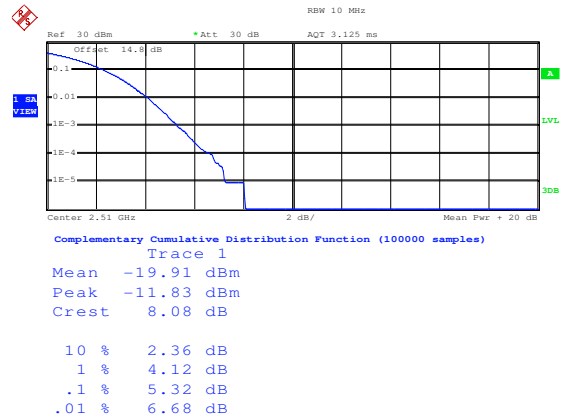
16QAM Low channel-1 RB offset 50

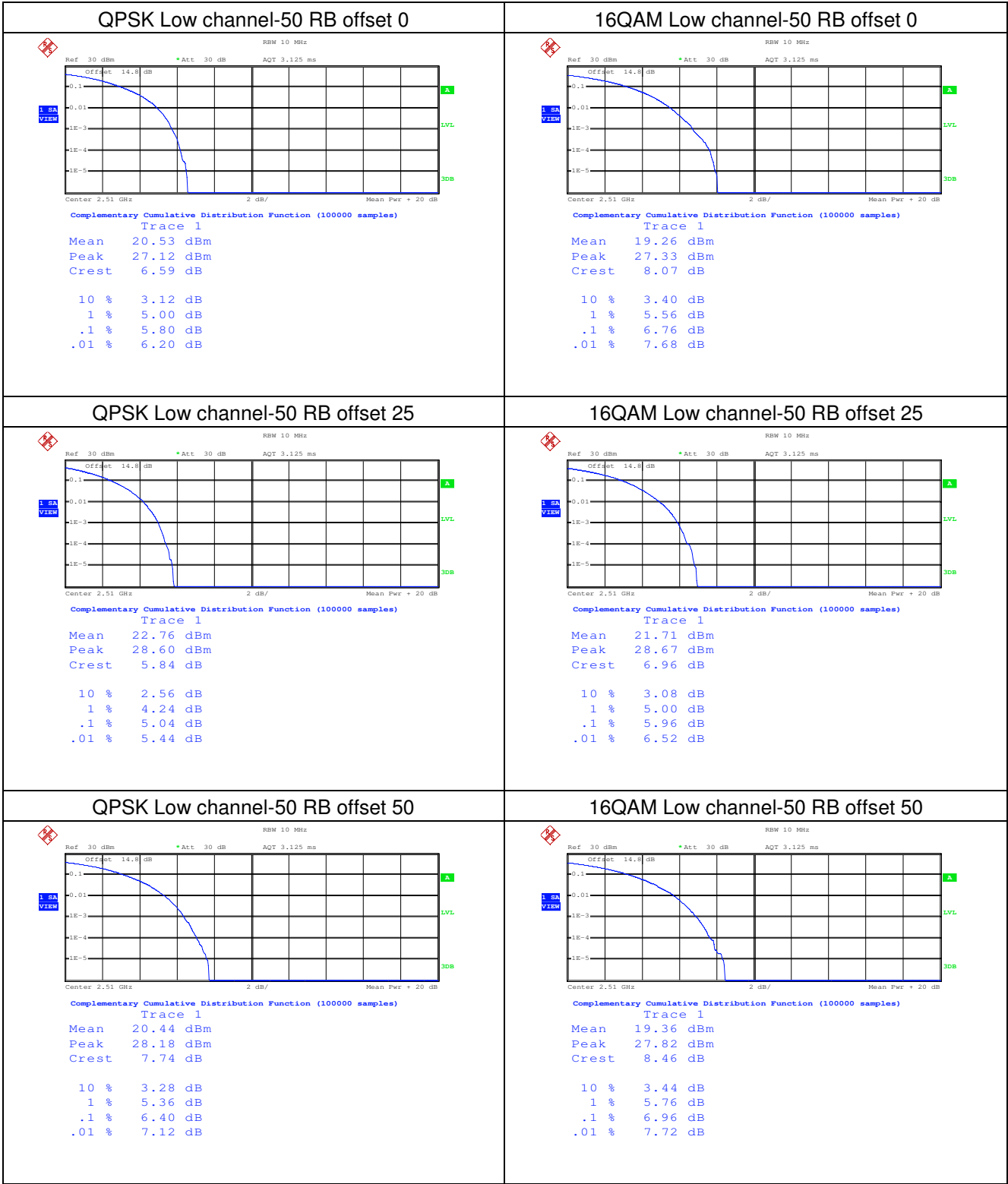


QPSK Low channel-1 RB offset 99

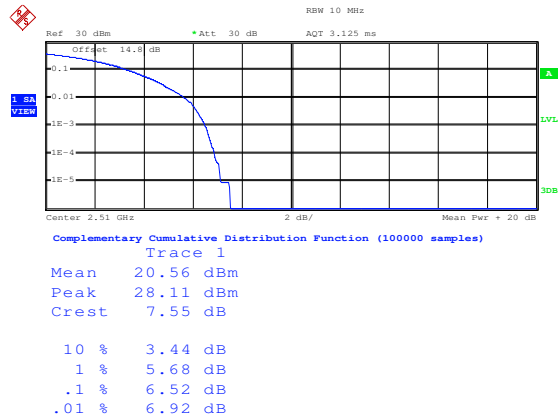


16QAM Low channel-1 RB offset 99

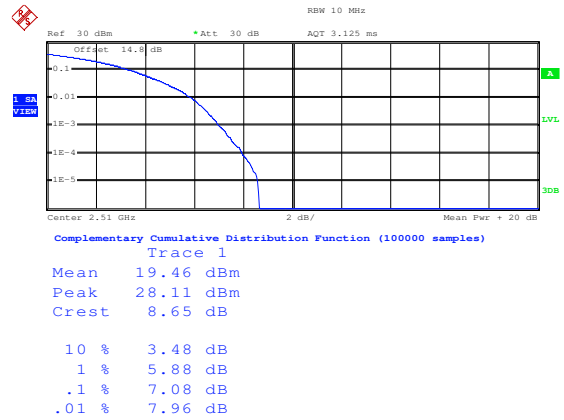




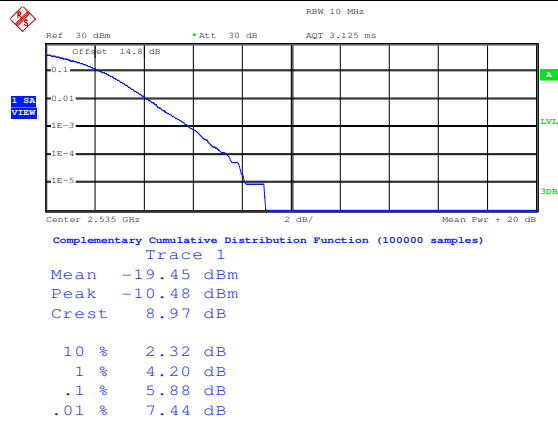
QPSK Low channel-100 RB offset 0



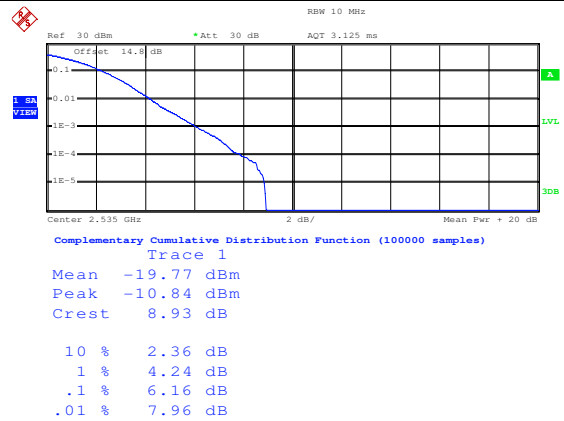
16QAM Low channel-100 RB offset 0



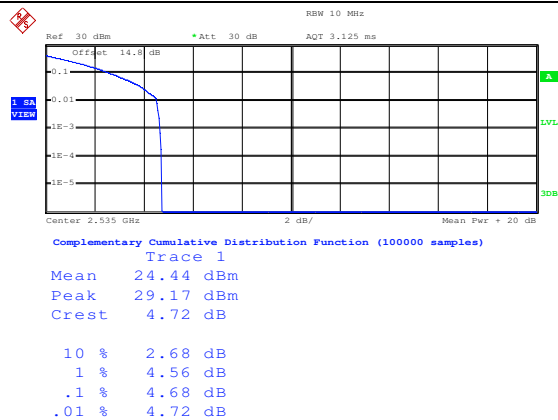
QPSK Middle channel-1 RB offset 0



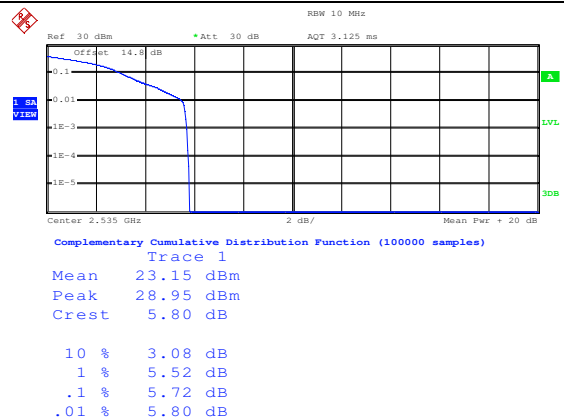
16QAM Middle channel-1 RB offset 0

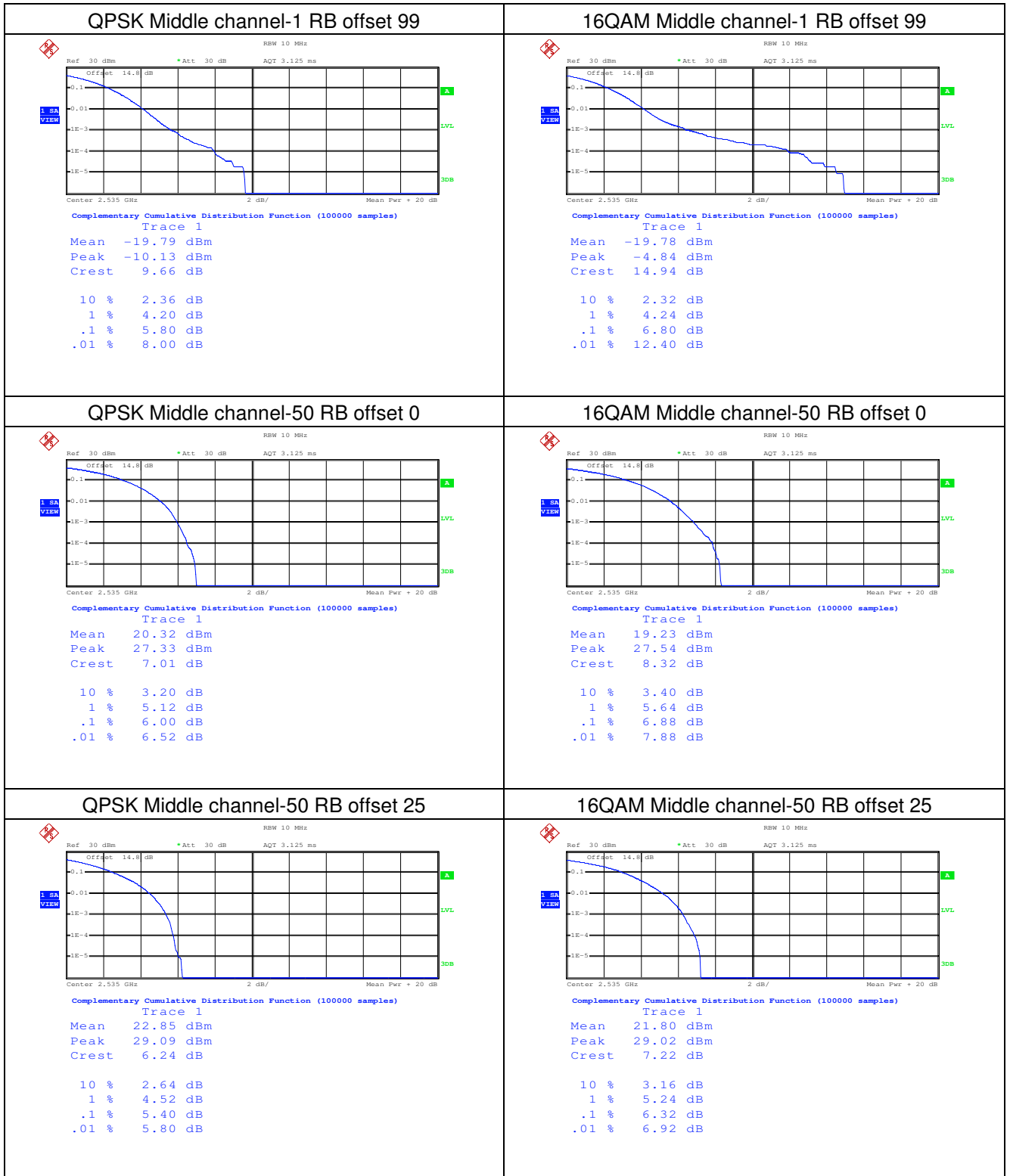


QPSK Middle channel-1 RB offset 50

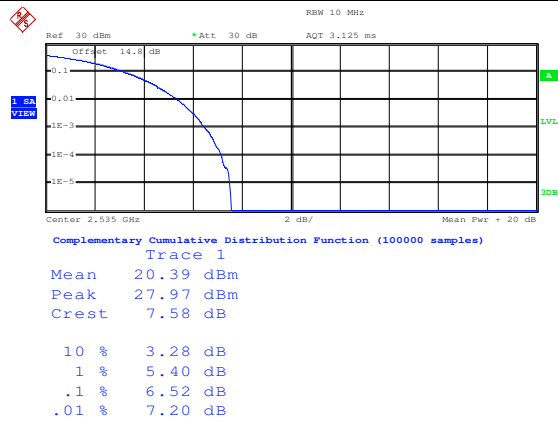


16QAM Middle channel-1 RB offset 50

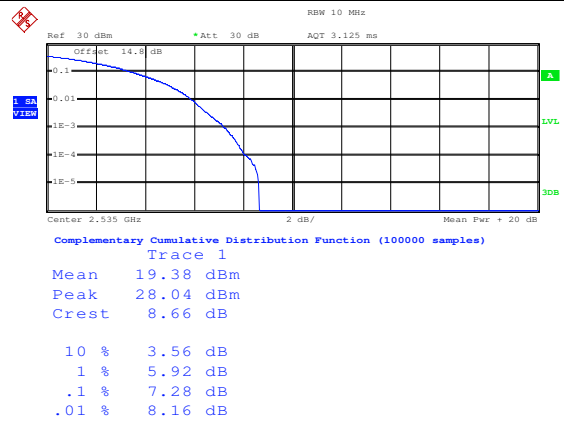




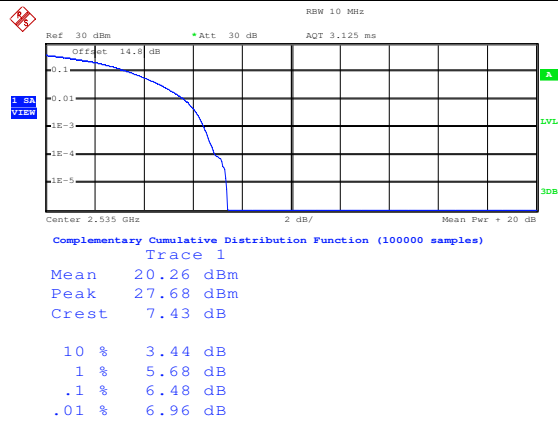
QPSK Middle channel-50 RB offset 50



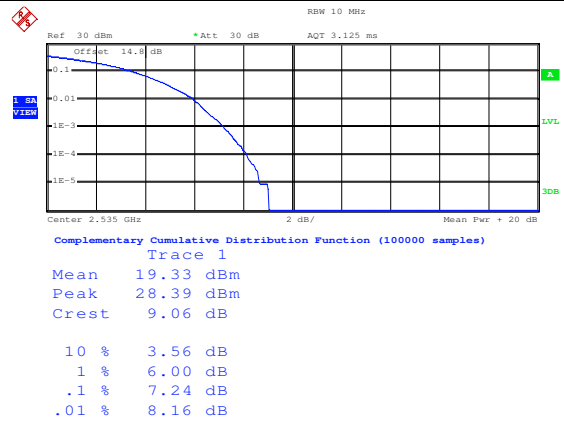
16QAM Middle channel-50 RB offset 50



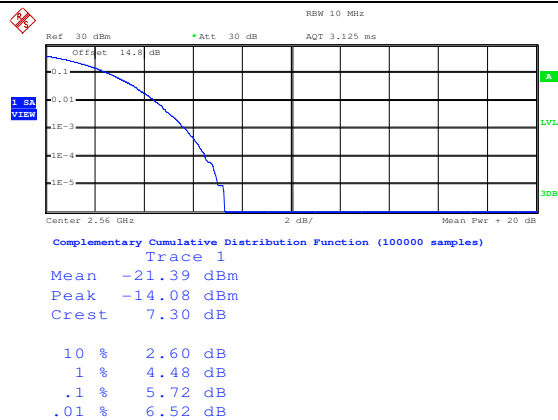
QPSK Middle channel-100 RB offset 0



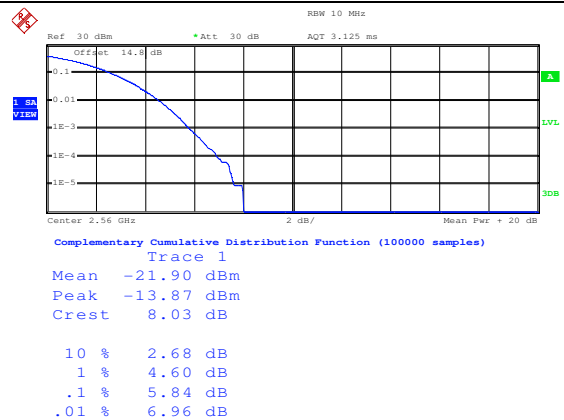
16QAM Middle channel-100 RB offset 0



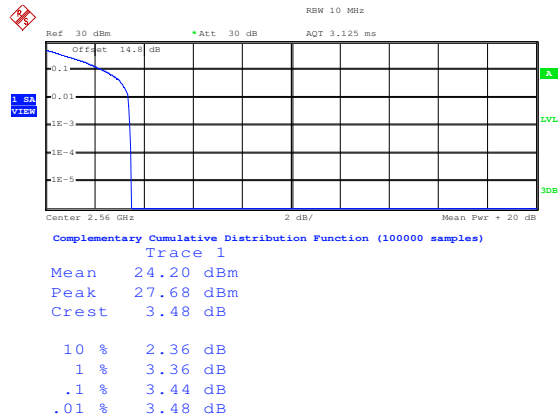
QPSK High channel-1 RB offset 0



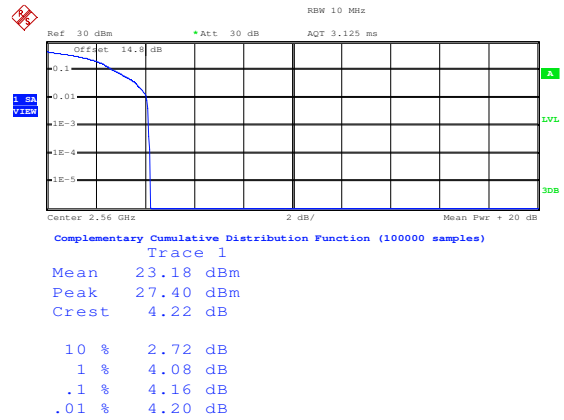
16QAM High channel-1 RB offset 0



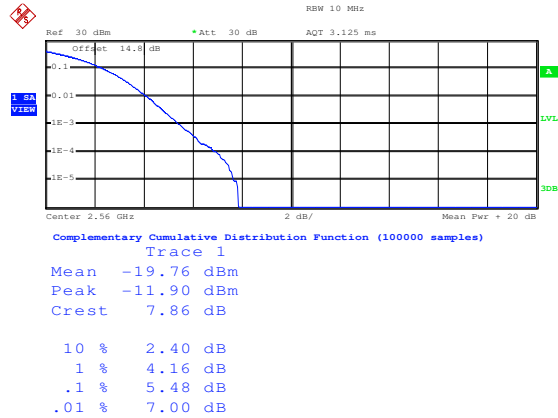
QPSK High channel-1 RB offset 50



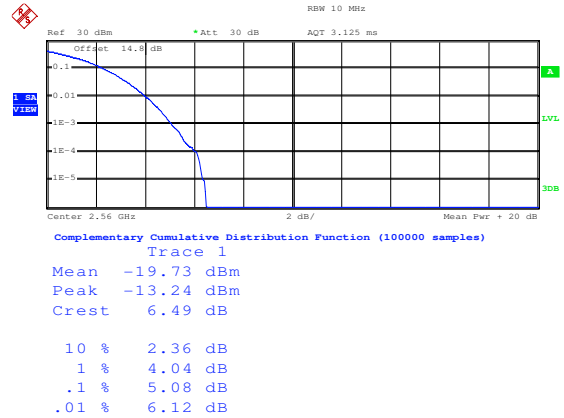
16QAM High channel-1 RB offset 50



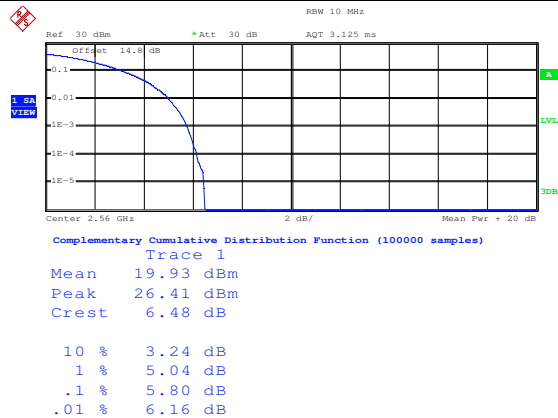
QPSK High channel-1 RB offset 99



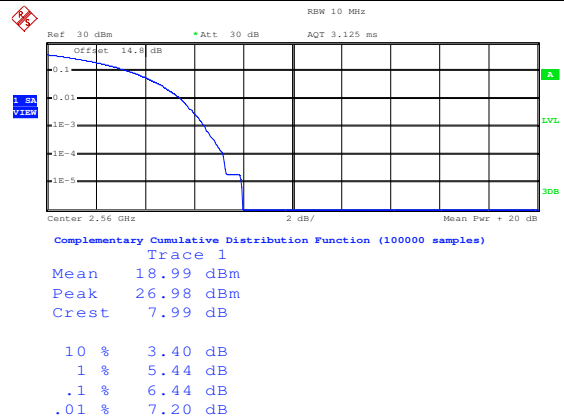
16QAM High channel-1 RB offset 99



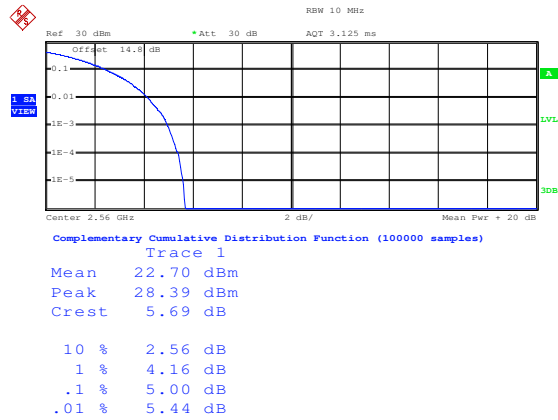
QPSK High channel-50 RB offset 0



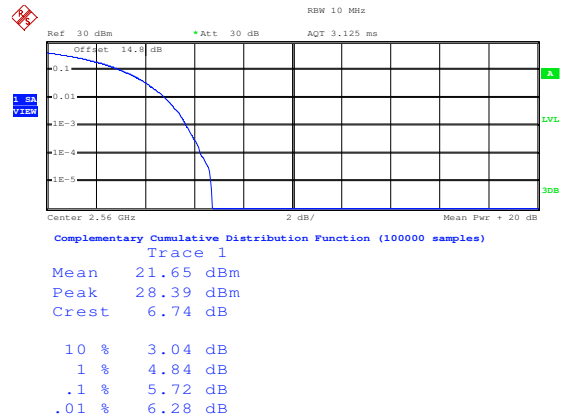
16QAM High channel-50 RB offset 0



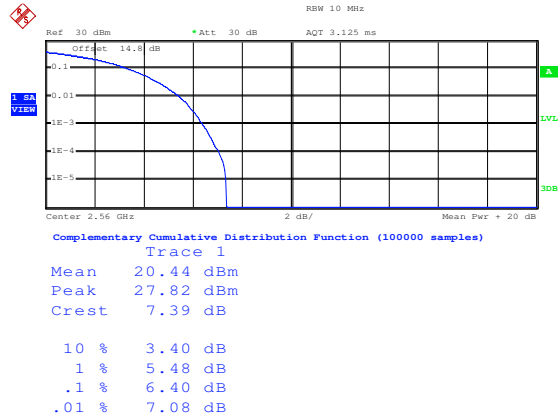
QPSK High channel-50 RB offset 25



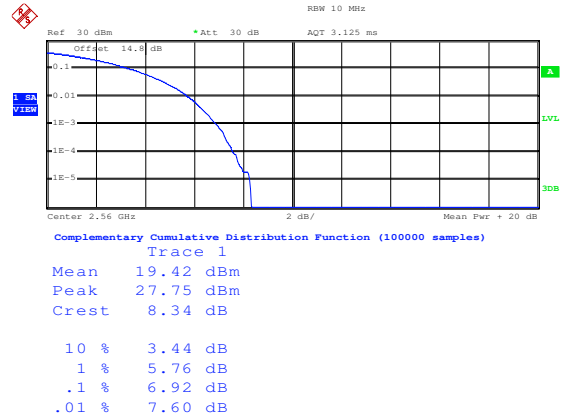
16QAM High channel-50 RB offset 25



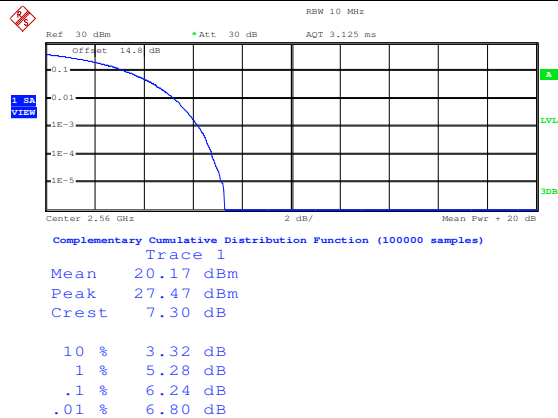
QPSK High channel-50 RB offset 50



16QAM High channel-50 RB offset 50



QPSK High channel-100 RB offset 0



16QAM High channel-100 RB offset 0

