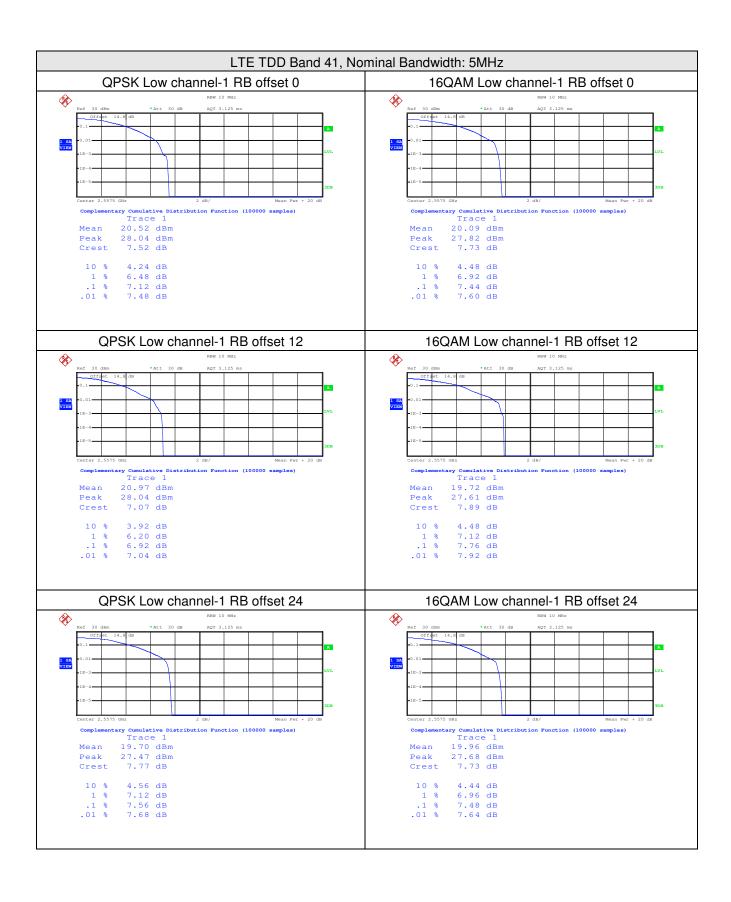
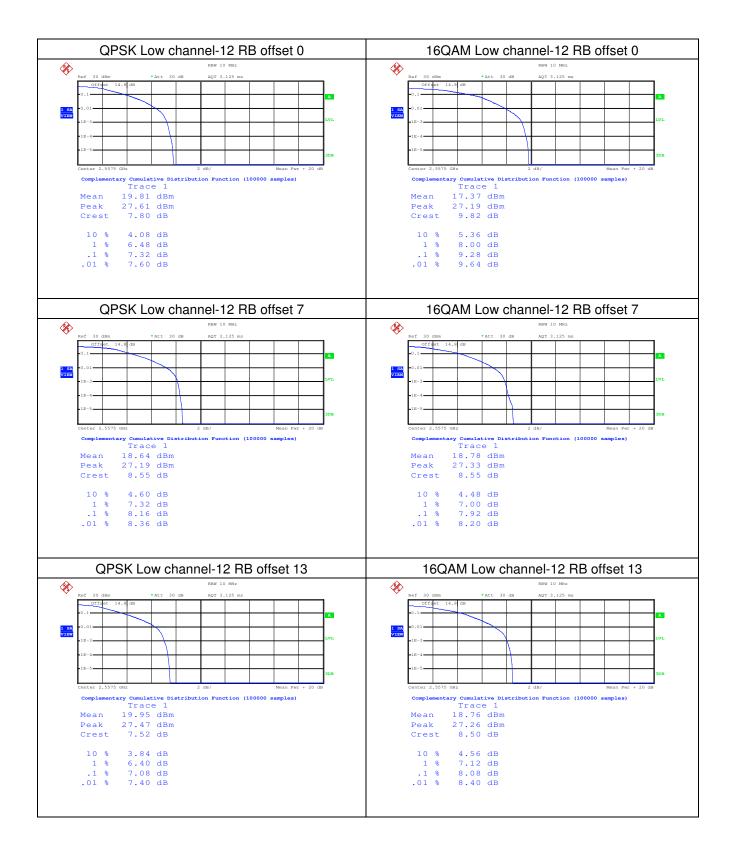
	1			1, Nominal Bandwidth:	5.0MHz		
Modulation Channel		RB Configuration		Test result	Limit	Verdict	
Woddiation	Onamici	Size	Offset	(dB)	(dB)	Verdict	
		1	0	7.12	13	Pass	
		1	12	6.92	13	Pass	
		1	24	7.56	13	Pass	
	LCH	12	0	7.32	13	Pass	
		12	7	8.16	13	Pass	
		12	13	7.08	13	Pass	
		25	0	7.24	13	Pass	
		1	0	6.8	13	Pass	
		1	12	8.96	13	Pass	
		1	24	9.64	13	Pass	
QPSK	MCH	12	0	7.36	13	Pass	
		12	7	6.92	13	Pass	
		12	13	9.36	13	Pass	
		25	0	8.56	13	Pass	
		1	0	8.84	13	Pass	
	НСН	1	12	9.56	13	Pass	
		1	24	7.16	13	Pass	
		12	0	7.24	13	Pass	
		12	7	8.64	13	Pass	
		12	13	7.96	13	Pass	
		25	0	8.56	13	Pass	
	LCH	1	0	7.44	13	Pass	
		1	12	7.76	13	Pass	
		1	24	7.48	13	Pass	
		12	0	9.28	13	Pass	
		12	7	7.92	13	Pass	
		12	13	8.08	13	Pass	
		25	0	8.64	13	Pass	
		1	0	8.64	13	Pass	
	MCH	1	12	7.4	13	Pass	
		1	24	9.52	13	Pass	
16QAM		12	0	9.76	13	Pass	
		12	7	9.12	13	Pass	
		12	13	7.92	13	Pass	
		25	0	8.04	13	Pass	
		1	0	7.8	13	Pass	
		1	12	7.76	13	Pass	
	НСН	1	24	8.04	13	Pass	
		12	0	8.12	13	Pass	
		12	7	8.04	13	Pass	
		12	13	8.96	13	Pass	
		25	0	9.04	13	Pass	

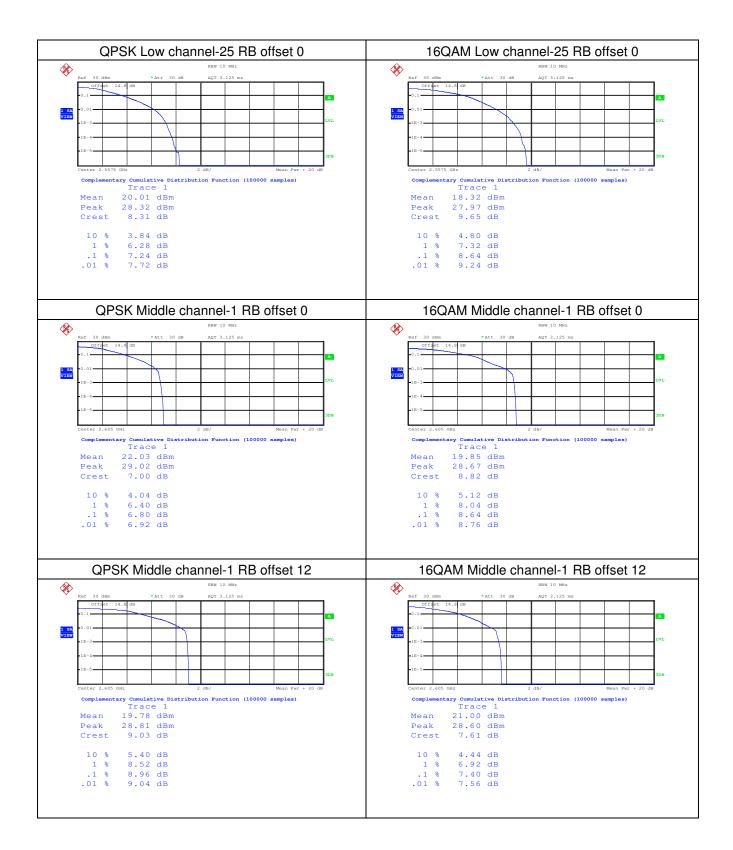
	1	ı		, Nominal Bandwidth:	10.0MHz	
Modulation	Modulation Channel		iguration	Test result	Limit	Verdict
Wodalation	Onamie	Size	Offset	(dB)	(dB)	Verdict
		1	0	8.36	13	Pass
		1	25	6.8	13	Pass
		1	49	8.2	13	Pass
	LCH	25	0	8.04	13	Pass
		25	12	7.16	13	Pass
		25	25	9.24	13	Pass
		50	0	7.24	13	Pass
		1	0	6.8	13	Pass
		1	25	8.08	13	Pass
		1	49	7.52	13	Pass
QPSK	MCH	25	0	7.96	13	Pass
		25	12	7.32	13	Pass
		25	25	9.48	13	Pass
		50	0	7.52	13	Pass
		1	0	6.96	13	Pass
		1	25	8.92	13	Pass
		1	49	8.04	13	Pass
	HCH	25	0	9.32	13	Pass
		25	12	8.68	13	Pass
		25	25	7.28	13	Pass
		50	0	7.28	13	Pass
	LCH	1	0	8.2	13	Pass
		1	25	7.92	13	Pass
		1	49	7.84	13	Pass
		25	0	8.88	13	Pass
		25	12	7.92	13	Pass
		25	25	9.12	13	Pass
		50	0	8.08	13	Pass
		1	0	8.36	13	Pass
		1	25	9.16	13	Pass
		1	49	7.48	13	Pass
16QAM	MCH	25	0	9.12	13	Pass
		25	12	7.88	13	Pass
		25	25	7.92	13	Pass
		50	0	8	13	Pass
		1	0	9.72	13	Pass
		1	25	9.84	13	Pass
		1	49	8.56	13	Pass
	HCH	25	0	9.4	13	Pass
		25	12	8.08	13	Pass
		25	25	8.08	13	Pass
		50	0	9	13	Pass

		LTE TO	DD Band 41	, Nominal Bandwidth:	15.0MHz		
Modulation Channel		RB Configuration		Test result	Limit	\/ordiat	
Modulation	Channel	Size	Offset	(dB)	(dB)	Verdict	
		1	0	8.2	13	Pass	
		1	37	9.24	13	Pass	
		1	74	9.08	13	Pass	
	LCH	36	0	7.44	13	Pass	
		36	20	9.4	13	Pass	
		36	39	7.56	13	Pass	
		75	0	9.64	13	Pass	
		1	0	7.28	13	Pass	
		1	37	7.04	13	Pass	
QPSK		1	74	8.76	13	Pass	
	MCH	36	0	8.56	13	Pass	
		36	20	7.24	13	Pass	
		36	39	7.52	13	Pass	
		75	0	7.6	13	Pass	
		1	0	7.6	13	Pass	
		1	37	8.24	13	Pass	
		1	74	9.2	13	Pass	
	HCH	36	0	7.92	13	Pass	
		36	20	7.36	13	Pass	
		36	39	8.28	13	Pass	
		75	0	7.6	13	Pass	
		1	0	9.76	13	Pass	
	LCH	1	37	8.04	13	Pass	
		1	74	9.4	13	Pass	
		36	0	9.24	13	Pass	
		36	20	8.04	13	Pass	
		36	39	8.56	13	Pass	
		75	0	8.52	13	Pass	
	MCH	1	0	6.56	13	Pass	
		1	37	7.6	13	Pass	
		1	74	9.64	13	Pass	
16QAM		36	0	8.08	13	Pass	
		36	20	9.12	13	Pass	
		36	39	8.44	13	Pass	
		75	0	8.76	13	Pass	
		1	0	9.04	13	Pass	
		1	37	7.64	13	Pass	
	НСН	1	74	9.36	13	Pass	
		36	0	8.28	13	Pass	
		36	20	8.08	13	Pass	
		36	39	9.76	13	Pass	
		75	0	9.84	13	Pass	

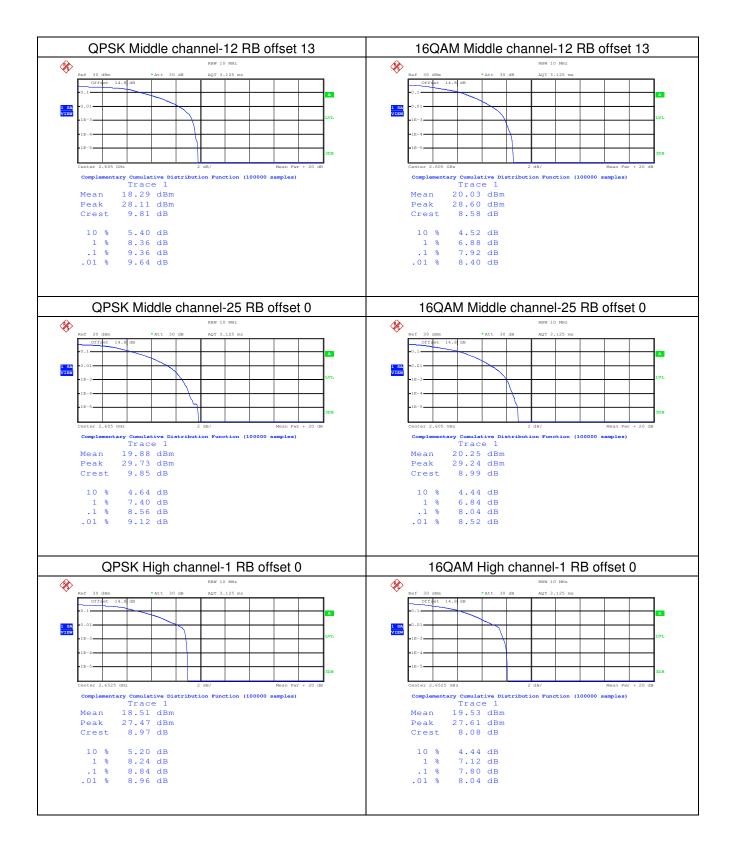
		LTE TDD Band 41  RB Configuration		Test result	Limit	
Modulation	Channel	Size	Offset	(dB)	(dB)	Verdict
		1	0	8.52	13	Pass
		1	50	6.52	13	Pass
	LCH	1	99	8	13	Pass
		50	0	7.72	13	Pass
		50	25	7.2	13	Pass
		50	50	8.92	13	Pass
		100	0	9.44	13	Pass
		1	0	9.28	13	Pass
		1	50	6.68	13	Pass
		1	99	9.6	13	Pass
QPSK	MCH	50	0	8.56	13	Pass
		50	25	8.72	13	Pass
		50	50	9.24	13	Pass
		100	0	9.92	13	Pass
		1	0	9.56	13	Pass
	НСН	1	50	6.64	13	Pass
		1	99	8.4	13	Pass
		50	0	8.28	13	Pass
		50	25	7.52	13	Pass
		50	50	8.32	13	Pass
		100	0	8.32	13	Pass
	LCH	1	0	9.36	13	Pass
		1	50	7.48	13	Pass
		1	99	7.12	13	Pass
		50	0	9.04	13	Pass
		50	25	8.24	13	Pass
		50	50	9.4	13	Pass
		100	0	9.68	13	Pass
	МСН	1	0	9.4	13	Pass
		1	50	9.56	13	Pass
		1	99	8.44	13	Pass
16QAM		50	0	8.64	13	Pass
		50	25	9.88	13	Pass
		50	50	8.88	13	Pass
		100	0	9.44	13	Pass
		1	0	9.12	13	Pass
		1	50	7.92	13	Pass
		1	99	9.12	13	Pass
	HCH	50	0	9	13	Pass
		50	25	8.08	13	Pass
		50	50	9.88	13	Pass
		100	0	8.92	13	Pass

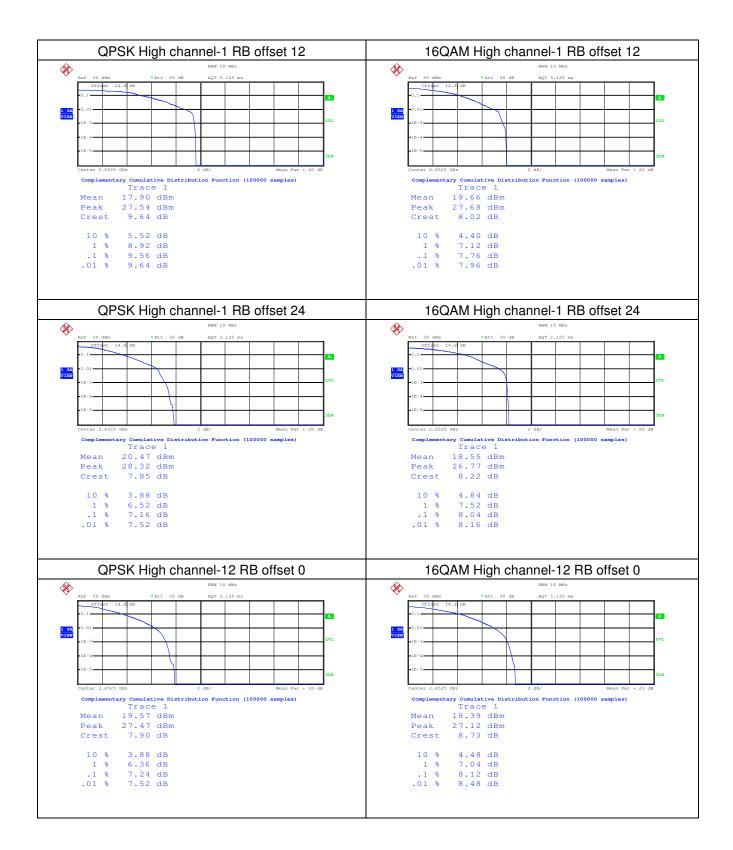


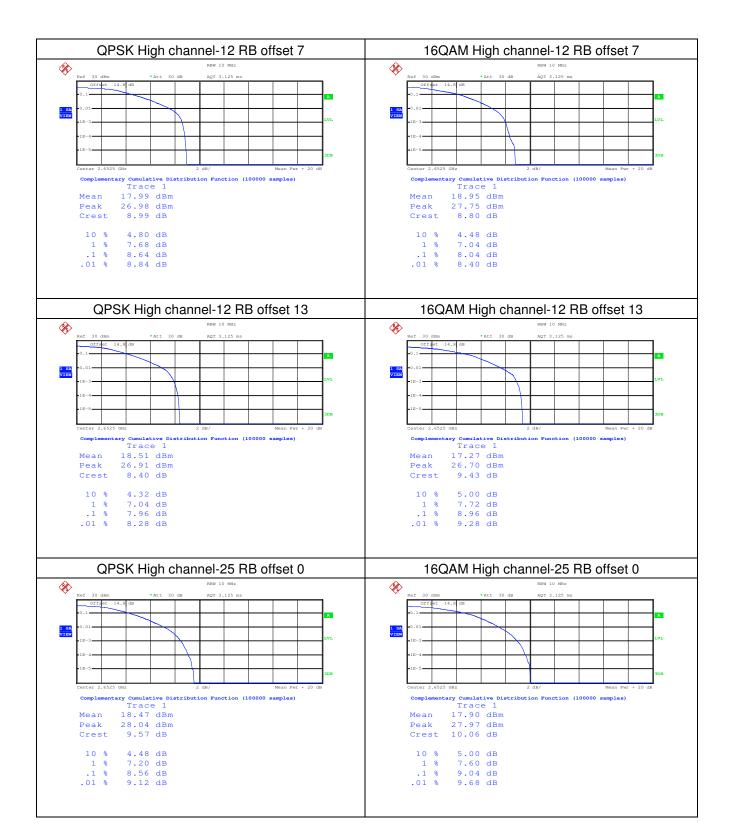


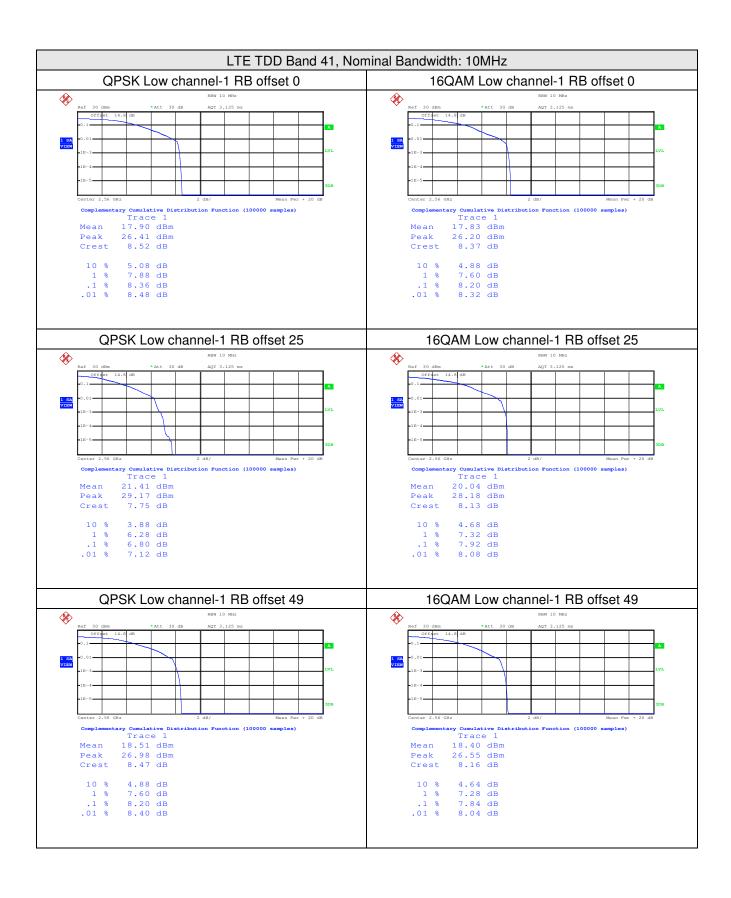


### QPSK Middle channel-1 RB offset 24 16QAM Middle channel-1 RB offset 24 **% %** y Cumulative Distribution Function (100000 samples) Trace 1 18.97 dBm 28.81 dBm Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 18.89 dBm Peak 28.60 dBm Mean Mean Peak Crest 9.84 dB Crest 9.71 dB 10 % 5.92 dB 10 % 5.68 dB 8.80 dB 1 % 1 % 8.52 dB 9.52 dB 9.80 dB 9.64 dB QPSK Middle channel-12 RB offset 0 16QAM Middle channel-12 RB offset 0 **% %** ary Cumulative Distribution Function (100000 samples) Trace 1tary Cumulative Distribution Function (100000 samples) Trace 120.82 dBm 28.60 dBm 18.18 dBm 28.67 dBm Peak Peak 10 % 10 % 6.68 dB 7.36 dB 1 % .1 % 8.36 dB 9.76 dB QPSK Middle channel-12 RB offset 7 16QAM Middle channel-12 RB offset 7 **% %** Complementary Cumulative Distribution Function (100000 samples) $Trace \ 1 \\ Mean \ 21.13 \ dBm$ Complementary Cumulative Distribution Function (100000 samples) Trace 1 18.71 dBm 28.39 dBm 9.68 dB 28.32 dBm 7.19 dB Peak Peak Crest Crest 5.24 dB 7.92 dB 10 % 10 % 3.88 dB 6.24 dB 6.92 dB 7.08 dB 9.12 dB 9.52 dB

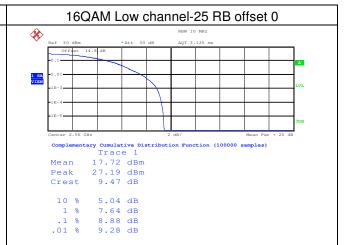








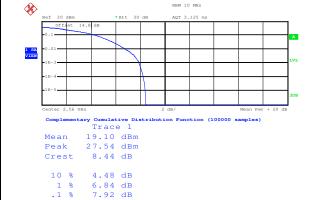
### 





Mean 20.01 dBm Peak 27.75 dBm Crest 7.75 dB 10 % 3.92 dB 1 % 6.36 dB .1 % 7.16 dB

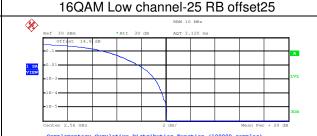
### 16QAM Low channel-25 RB offset 12



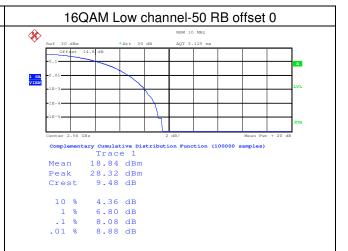
### QPSK Low channel-25 RB offset25



Complementary Cumulative Dia Trace 1 Trace 1 Mean 17.53 dBm Peak 27.54 dBm Crest 10.01 dB 1 % 8.12 dB 1 % 8.12 dB 1 % 9.24 dB .01 % 9.76 dB



# QPSK Low channel-50 RB offset 0 RBM 10 MBE RBM 30 dBm \*Att 30 dB AQT 3.125 ms Offset 14.8 dB AQT 3.125 ms Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 19.95 dBm Peak 28.11 dBm Crest 8.16 dB 10 % 4.04 dB 1 % 6.24 dB .1 % 7.24 dB .01 % 7.80 dB QPSK Middle channel-1 RB offset 0 RBM 10 MBE RBM 30 dBm \*Att 30 dB AQT 3.125 ms Offset 14.8 dB Offset 14.8 dB

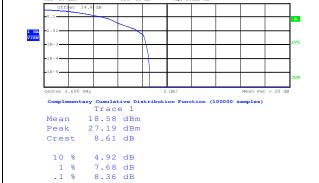






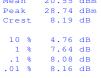
### 16QAM Middle channel-1 RB offset 0

**%** 

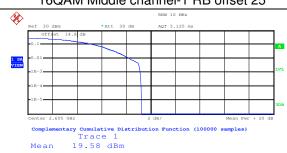


### QPSK Middle channel-1 RB offset 25

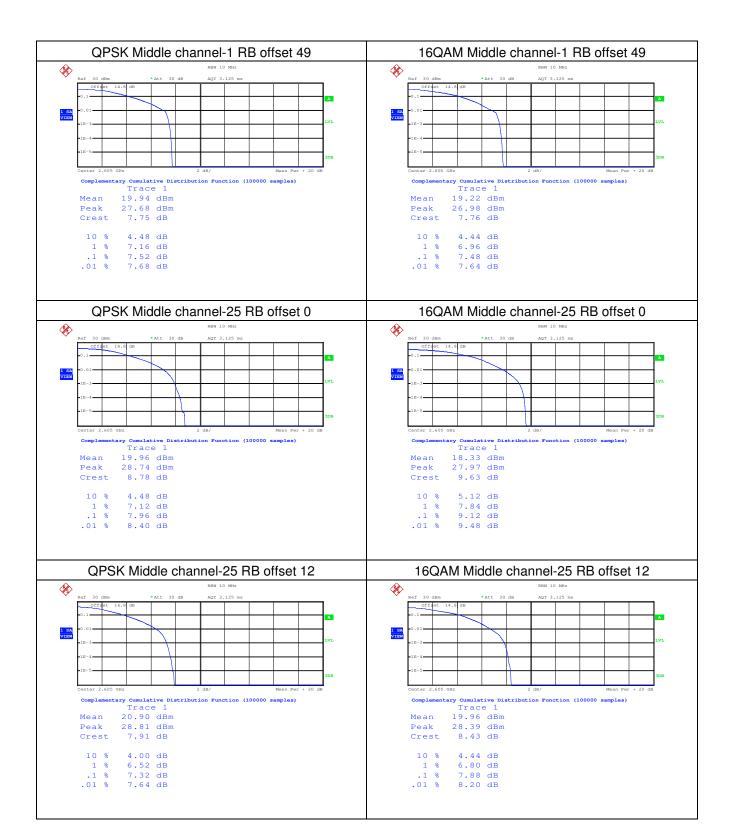




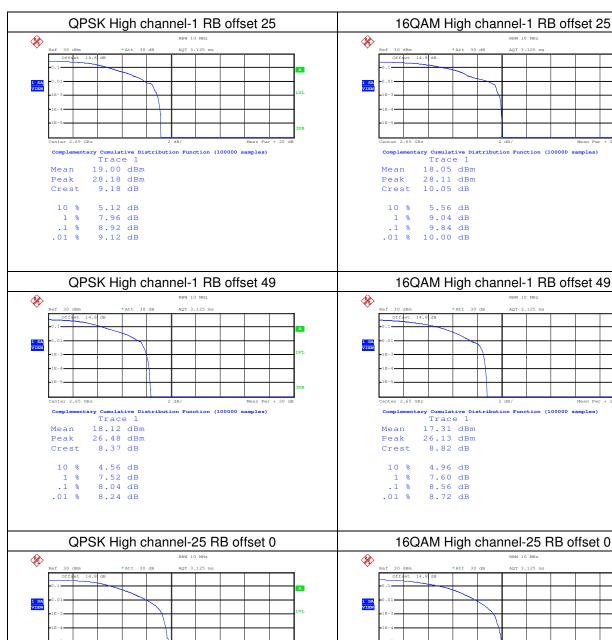
### 16QAM Middle channel-1 RB offset 25



Mean 19.58 dBm Peak 28.81 dBm Crest 9.23 dB 10 % 5.48 dB 1 % 8.32 dB .1 % 9.16 dB



### QPSK Middle channel-25 RB offset 25 16QAM Middle channel-25 RB offset 25 **% %** any Cumulative Distribution Function (100000 samples) Trace 1 18.48 dBm 28.88 dBm Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 19.61 dBm Peak 28.67 dBm Mean Peak Crest 10.40 dB Crest 9.07 dB 10 % 5.44 dB 10 % 4.40 dB 1 % 6.80 dB 7.92 dB 1 % 8.28 dB .01 % 10.00 dB 8.56 dB QPSK Middle channel-50 RB offset 0 16QAM Middle channel-50 RB offset 0 **% %** Cumulative Distribution Function (100000 samples) Trace $\ 1$ 20.54 dBm 29.24 dBm 19.74 dBm 29.09 dBm Peak Peak 10 % 10 % 1 % .1 % 6.52 dB 7.52 dB 1 % .1 % 6.80 dB 8.00 dB QPSK High channel-1 RB offset 0 16QAM High channel-1 RB offset 0 **% %** Complementary Cumulative Distribution Function (100000 samples) $Trace \ 1 \\ Mean \ 19.41 \ dBm$ Complementary Cumulative Distribution Function (100000 samples) $Trace \ 1 \\ Mean \ 15.92 \ dBm$ 26.84 dBm 7.43 dB 25.85 dBm 9.93 dB Peak Peak Crest Crest 3.88 dB 10 % 10 % 5.48 dB 6.48 dB 6.96 dB 7.28 dB 8.88 dB 9.72 dB 9.88 dB

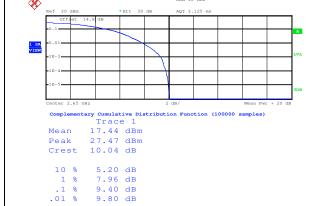


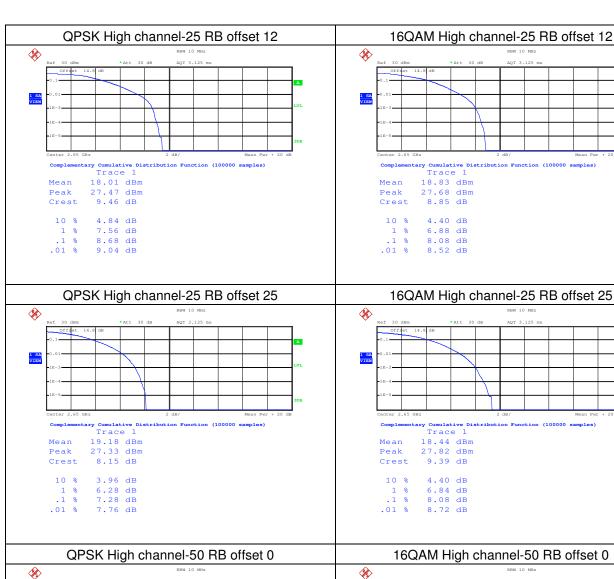
Complementary Cumulative Distribution Function (100000 samples)
Trace 1
Mean 17.28 dBm
Peak 27.12 dBm
Crest 9.84 dB

5.32 dB

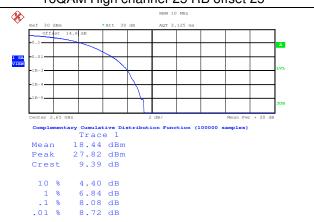
8.12 dB 9.32 dB 9.60 dB

10 %





### 16QAM High channel-25 RB offset 25



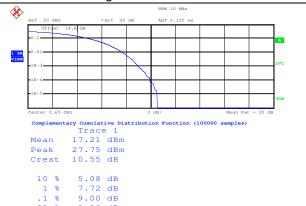


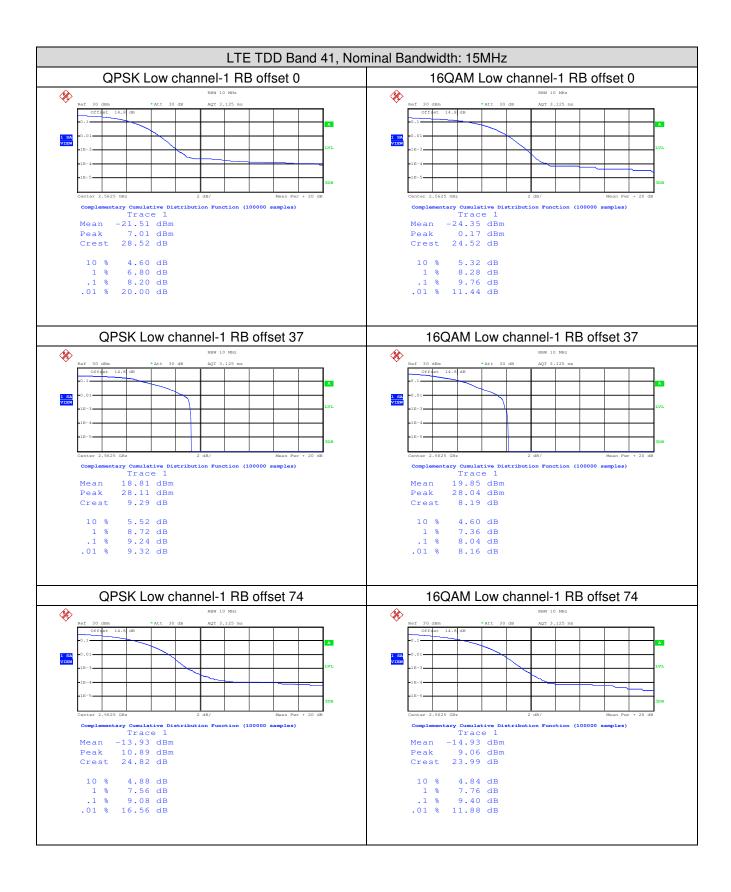
10 %

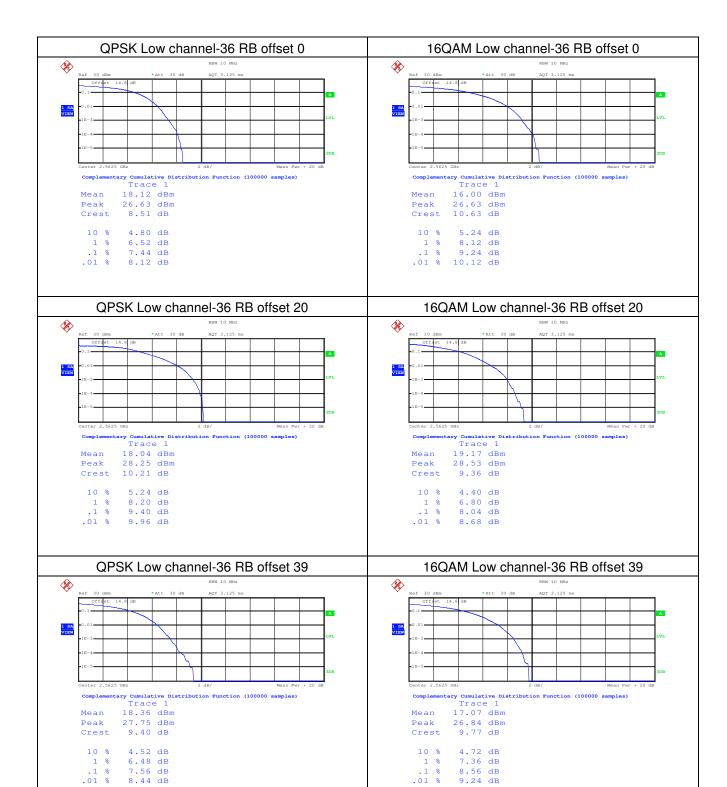
4.04 dB

6.24 dB 7.28 dB 7.84 dB

## 16QAM High channel-50 RB offset 0







### QPSK Low channel-75 RB offset 0 16QAM Low channel-75 RB offset 0 **% %** ary Cumulative Distribution Function (100000 samples) Trace 1 16.50 dBm 27.12 dBm Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 17.46 dBm Peak 27.68 dBm Mean Peak Crest 10.62 dB Crest 10.22 dB 4.64 dB 7.20 dB 10 % 5.72 dB 10 % 8.52 dB 1 % 1 % .01 % 10.16 dB QPSK Middle channel-1 RB offset 0 16QAM Middle channel-1 RB offset 0 **% %** Mean -20.51 dBm Peak 12.87 dBm -19.89 dBm 9.27 dBm Peak 10 % 10 % 1 % .1 % 5.68 dB 7.28 dB 5.16 dB 6.56 dB QPSK Middle channel-1 RB offset 37 **% %**

Complementary Cumulative Distribution Function (100000 samples)
Trace 1
Mean 21.91 dBm
Peak 29.02 dBm
Crest 7.11 dB

10 % 4.24 dB 6.72 dB 7.04 dB 7.12 dB

### 16QAM Middle channel-1 RB offset 37



Complementary Cumulative Distribution Function (100000 samples)  $Trace \ 1 \\ Mean \ 21.02 \ dBm$ 

28.74 dBm 7.72 dB Peak Crest 4.48 dB 7.00 dB 10 % 7.60 dB 7.72 dB

### QPSK Middle channel-1 RB offset 74 16QAM Middle channel-1 RB offset 74 **% %** Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean -12.22 dBm Peak 11.53 dBm Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean -13.98 dBm Peak 11.32 dBm Crest 23.74 dB Crest 25.30 dB 10 % 4.36 dB 10 % 4.80 dB 6.80 dB 8.76 dB 7.80 dB 1 % 1 % .01 % 20.00 dB .01 % 20.00 dB QPSK Middle channel-36 RB offset 0 16QAM Middle channel-36 RB offset 0 **%**> **%** Cumulative Distribution Function (100000 samples) Trace $\ 1$ 17.75 dBm 27.33 dBm 18.16 dBm 27.47 dBm Peak Peak 10 % 10 % 1 % .1 % 7.60 dB 8.56 dB 1 % .1 % 7.04 dB 8.08 dB QPSK Middle channel-36 RB offset 20 16QAM Middle channel-36 RB offset 20 **% %** Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 20.97 dBm Peak 29.02 dBm Crest 8.05 dB Complementary Cumulative Distribution Function (100000 samples) $Trace \ 1 \\ Mean \ 18.53 \ dBm$

10 %

3.80 dB

7.24 dB 7.76 dB

28.81 dBm 10.28 dB

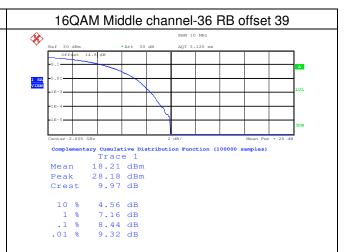
5.12 dB 7.80 dB

9.12 dB 9.72 dB

Peak Crest

10 %

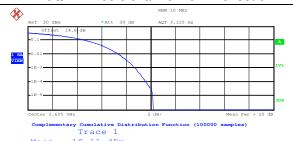
# QPSK Middle channel-36 RB offset 39 | REW 10 MIE | Rew 1





Mean 19.56 dBm Peak 28.32 dBm Crest 8.76 dB 10 % 4.48 dB 1 % 6.64 dB .1 % 7.60 dB

### 16QAM Middle channel-75 RB offset 0



Mean 18.11 dBm Peak 28.32 dBm Crest 10.21 dB 10 % 4.76 dB 1 % 7.40 dB .1 % 8.76 dB

### QPSK High channel-1 RB offset 0



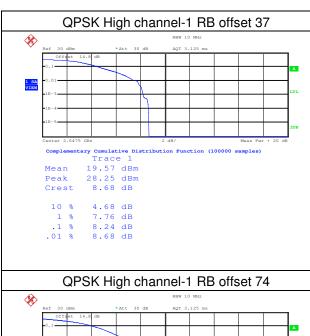
Mean -21.60 dBm Peak 5.95 dBm Crest 27.56 dB 10 % 3.80 dB 1 % 5.96 dB 1.1 % 7.60 dB .01 % 20.00 dB

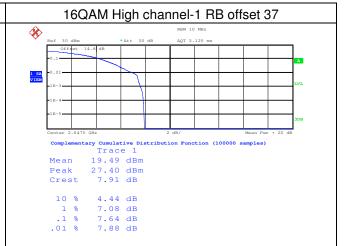
### 16QAM High channel-1 RB offset 0



Trace 1
Mean -24.18 dBm
Peak 10.12 dBm
Crest 34.30 dB

10 % 4.28 dB
1 % 7.24 dB
.1 % 9.04 dB



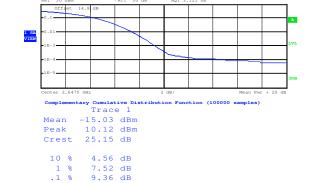




Peak 10 % 1 % .1 % 6.92 dB 9.20 dB

### 16QAM High channel-1 RB offset 74

**%** 

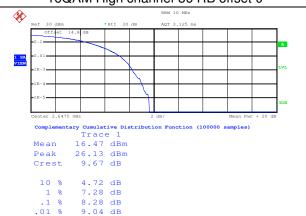


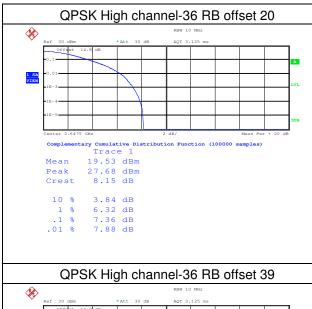
### QPSK High channel-36 RB offset 0

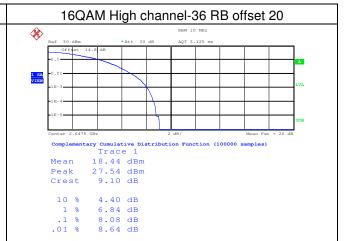


5.16 dB 10 % 6.96 dB 7.92 dB 8.56 dB

### 16QAM High channel-36 RB offset 0



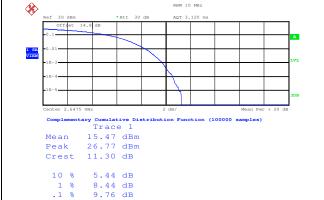




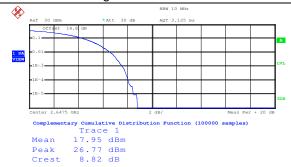


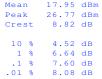


### 16QAM High channel-36 RB offset 39



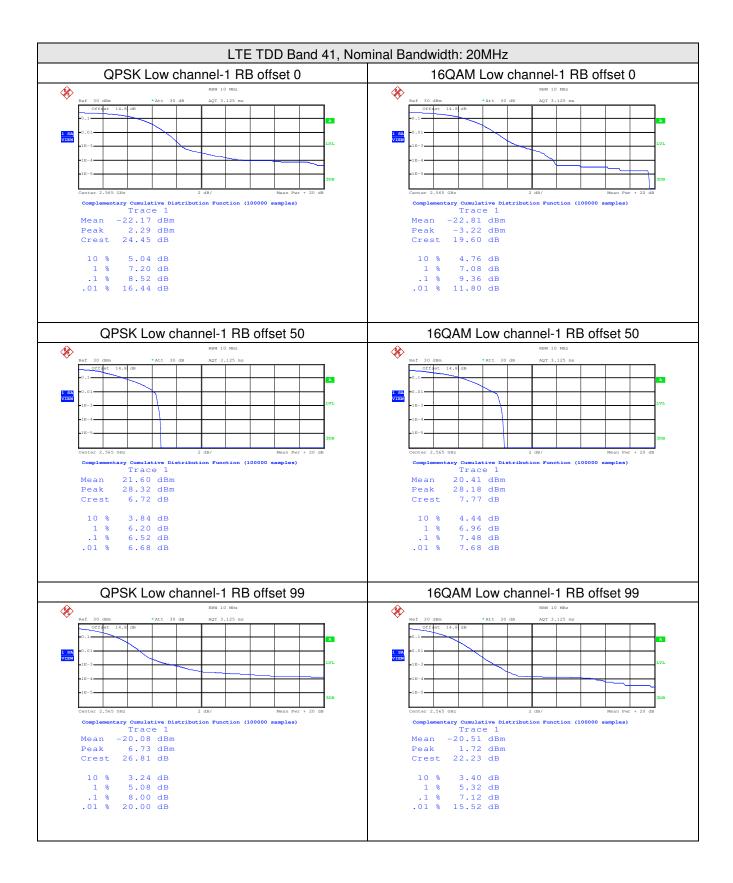
### QPSK High channel-75 RB offset 0



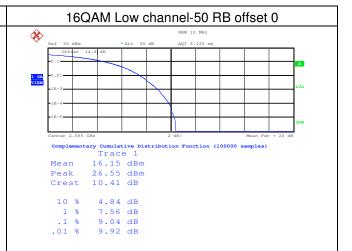




9.84 dB 10.68 dB



# QPSK Low channel-50 RB offset 0 Ref 30 dlm \*Att 30 dll AOT 3.125 ma OCF-let 14.8 dll AOT 3.125 ma OCF-let 14.8 dll AOT 3.125 ma Center 2.565 dllz 2 dll/ Mean Pre 1 20 dll Trace 1 Mean 17.75 dll Mean 18.66 dll M

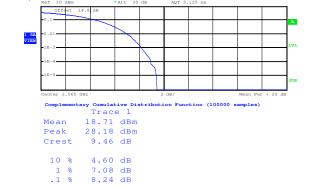






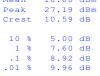
## 16QAM Low channel-50 RB offset 25

**%** 

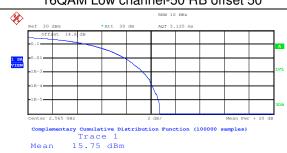


### QPSK Low channel-50 RB offset 50





### 16QAM Low channel-50 RB offset 50

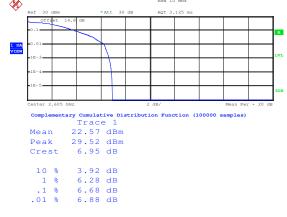


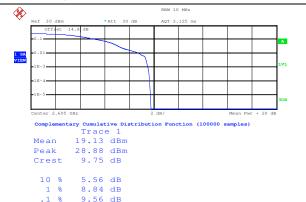
Mean 15.75 dBm
Peak 26.48 dBm
Crest 10.74 dB

10 % 5.00 dB
1 % 7.96 dB
.1 % 9.40 dB
.01 % 10.12 dB

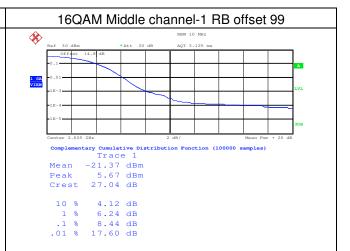
### QPSK Low channel-100 RB offset 0 16QAM Low channel-100 RB offset 0 **% %** ary Cumulative Distribution Function (100000 samples) Trace 1 16.25 dBm 26.77 dBm Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 15.42 dBm Peak 27.05 dBm Mean Peak Crest 10.52 dB Crest 11.63 dB 10 % 5.32 dB 10 % 5.16 dB 1 % 1 % 8.24 dB 8.16 dB .01 % 10.72 dB 9.92 dB QPSK Middle channel-1 RB offset 0 16QAM Middle channel-1 RB offset 0 **%**> tary Cumulative Distribution Function (100000 samples) Trace $\ 1$ Mean -22.06 dBm -23.00 dBm 6.31 dBm 2.64 dBm Peak Peak 10 % 10 % 1 % .1 % 7.04 dB 9.28 dB 7.76 dB 9.40 dB QPSK Middle channel-1 RB offset 50 **% %**

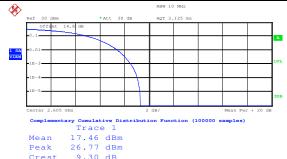
### 16QAM Middle channel-1 RB offset 50

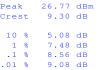




# QPSK Middle channel-1 RB offset 99 **%** Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean -21.75 dBm Peak 7.65 dBm Crest 29.39 dB 10 % 4.68 dB 1 % 6.88 dB .1 % 9.60 dB QPSK Middle channel-50 RB offset 0 **%**







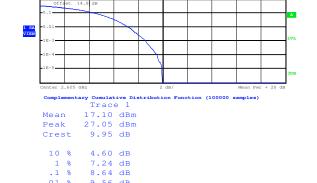
Crest

10 %

5.12 dB 7.68 dB 8.72 dB 9.28 dB

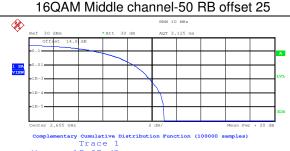
### 16QAM Middle channel-50 RB offset 0

**%**>



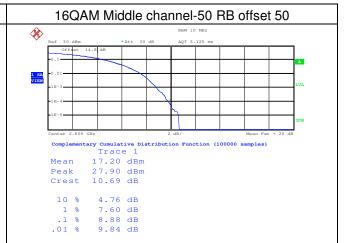
### QPSK Middle channel-50 RB offset 25



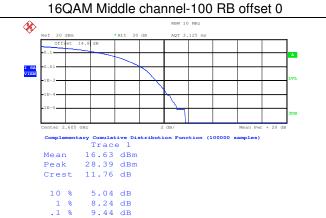


Center 2.605 GHz				2 dB	/		Mean Pwr	+ 20	dB
	Complementa	ary Cumulat	ive Dist	ribution	Function	(100000	samples)		
		Trace	∍ 1						
	Mean	17.67	dBm						
	Peak	28.67	dBm						
	Crest	11.00	dB						
	10 %	5.56	dB						
	1 %	8.60	dB						
	.1 %	9.88	dB						
	.01 %	10.72	dB						

# QPSK Middle channel-50 RB offset 50 Ref 30 dBm \*Att 30 dB AQT 3.125 ms Offset 14.8 dB AQT 3.125 ms Center 2.605 GBz 2 dB/ Mean Pyr 1 20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 17.44 dBm Peak 27.82 dBm Crest 10.38 dB 10 % 5.20 dB 1 % 8.00 dB .1 % 9.24 dB .01 % 9.80 dB QPSK Middle channel-100 RB offset 0 Ref 30 dBm \*Att 30 dB AQT 3.125 ms Offset 14.8 dB

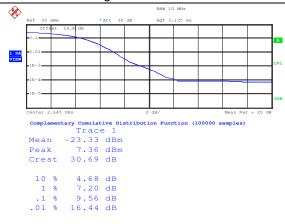


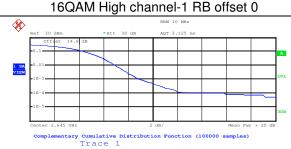


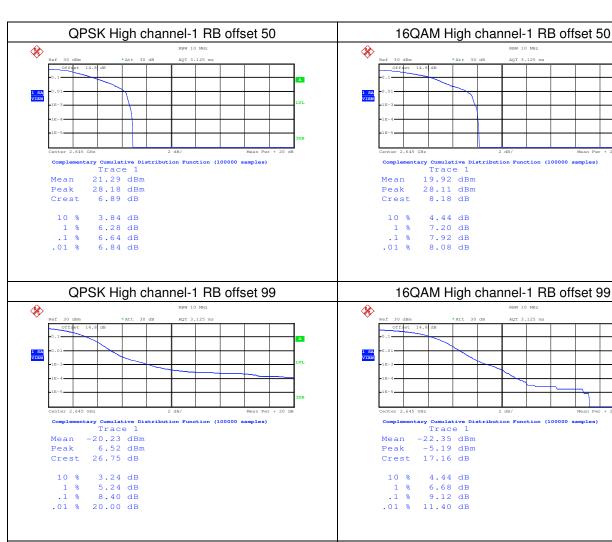


### QPSK High channel-1 RB offset 0

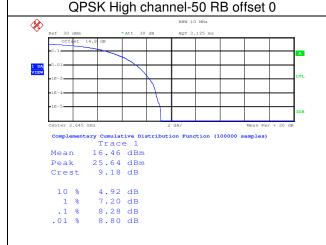
1 % .1 % 8.64 dB 9.92 dB

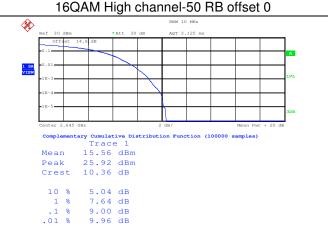


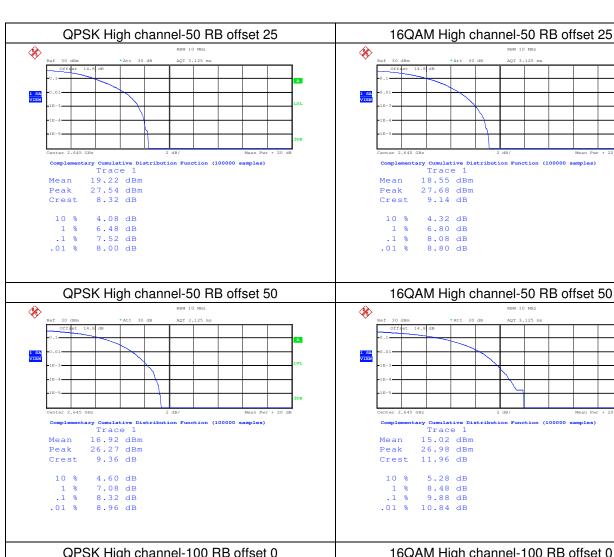








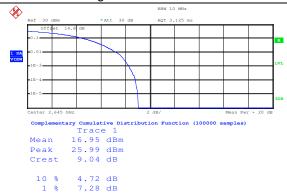






# 15.02 dBm 26.98 dBm 8.48 dB 9.88 dB

### QPSK High channel-100 RB offset 0



8.32 dB 8.84 dB

### 16QAM High channel-100 RB offset 0



26.55 dBm 10.62 dB Peak Crest 4.68 dB 10 % 7.40 dB 8.92 dB 9.68 dB