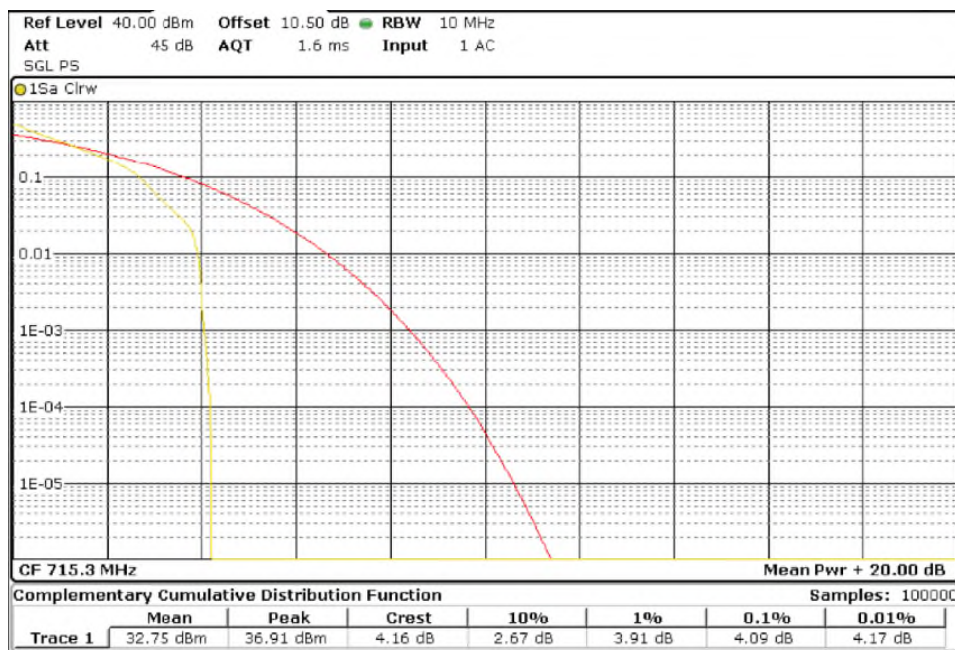


TEST RESULTS (Cont):

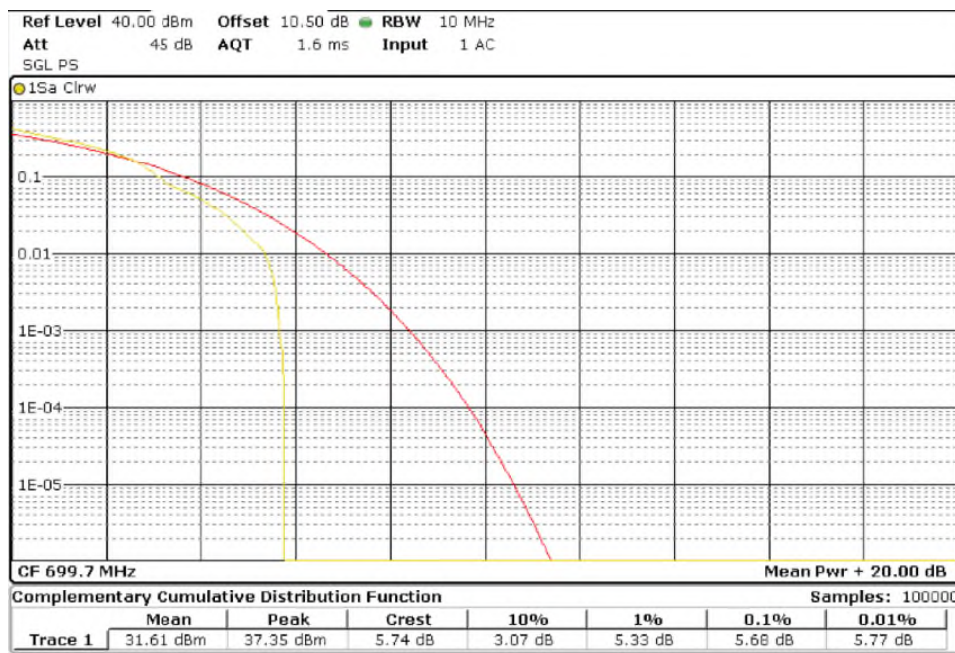
Highest channel



PAPR

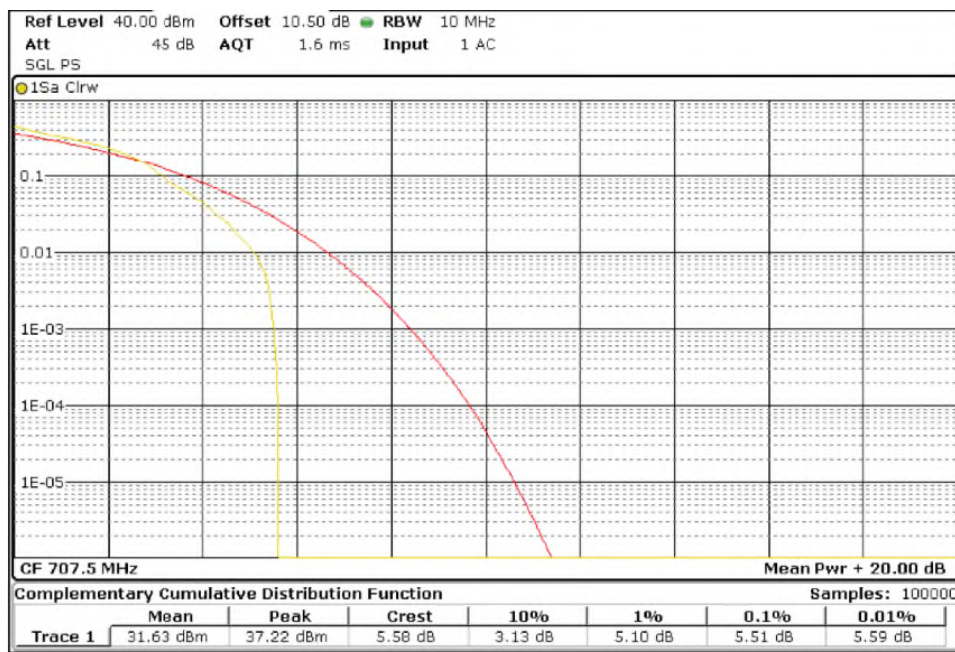
Bandwidth = 1.4 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.

Lowest channel

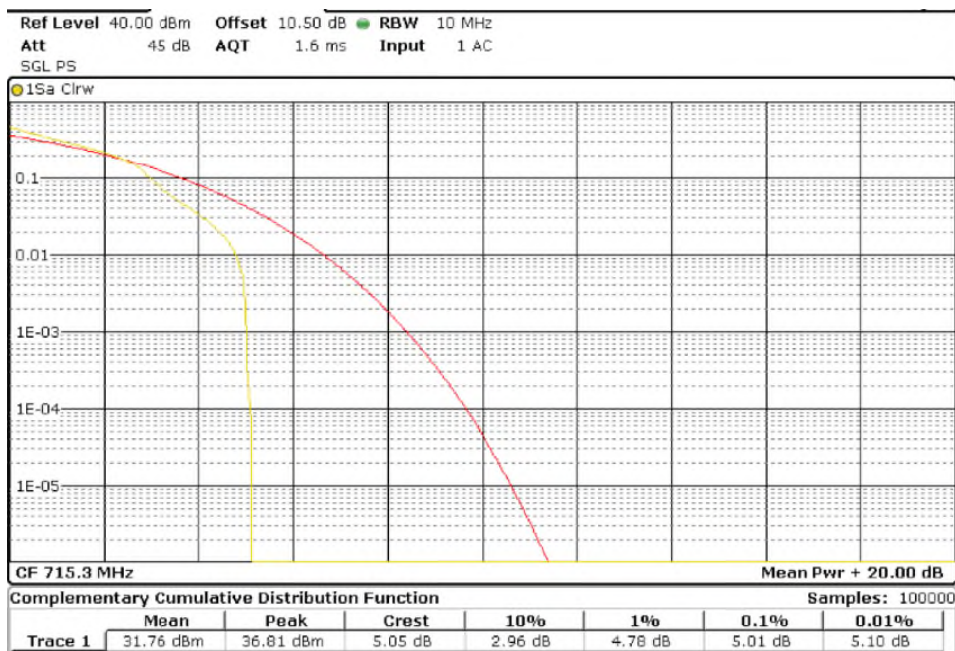


TEST RESULTS (Cont):

Middle channel



Highest channel

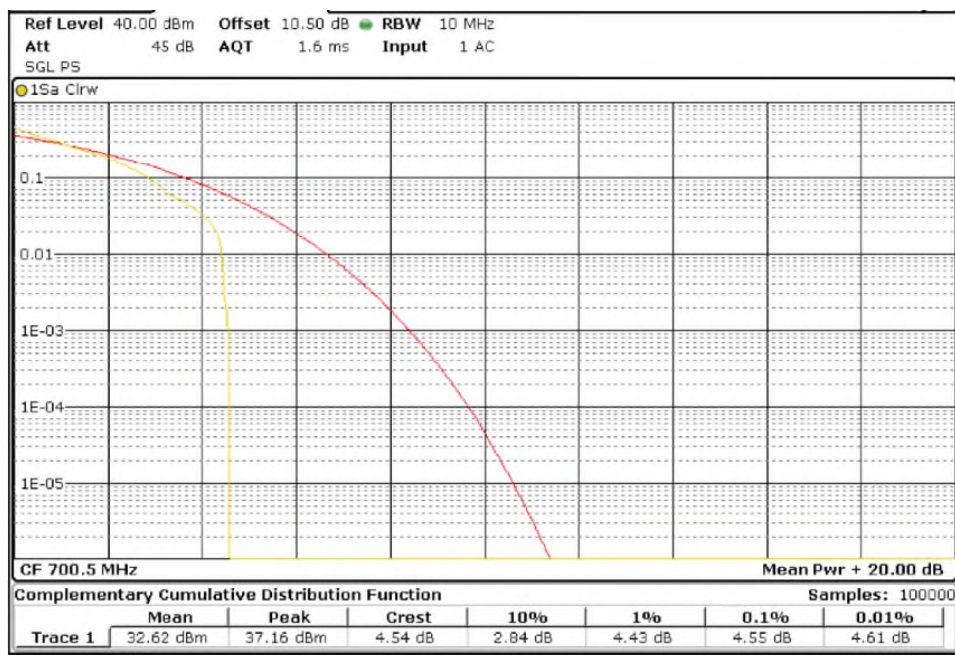


TEST RESULTS (Cont):

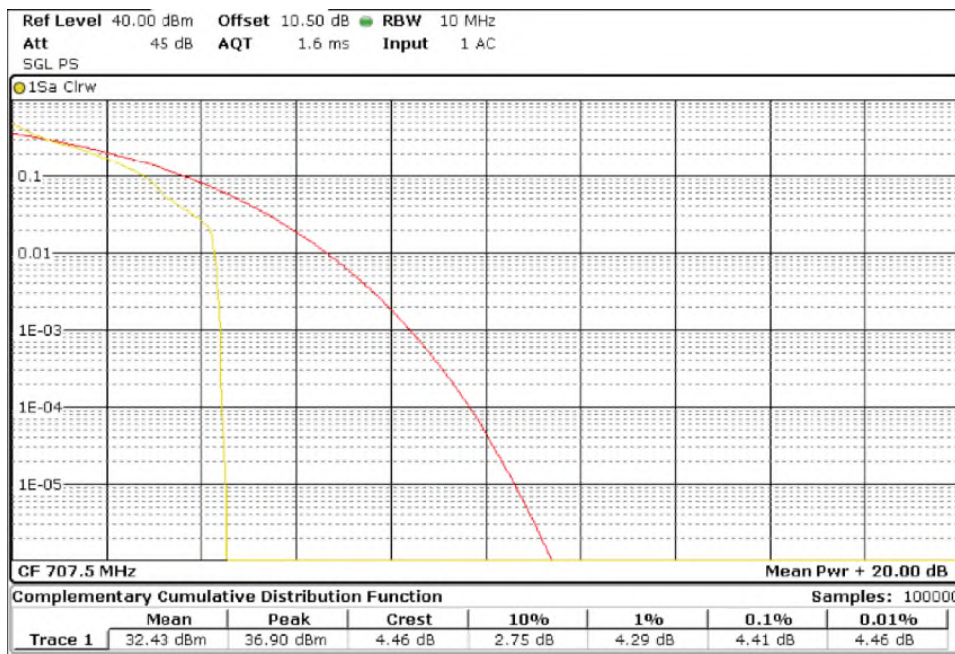
PAPR

Bandwidth = 3 MHz. Modulation QPSK. RB Size: 1. RB Offset: 0.

Lowest channel

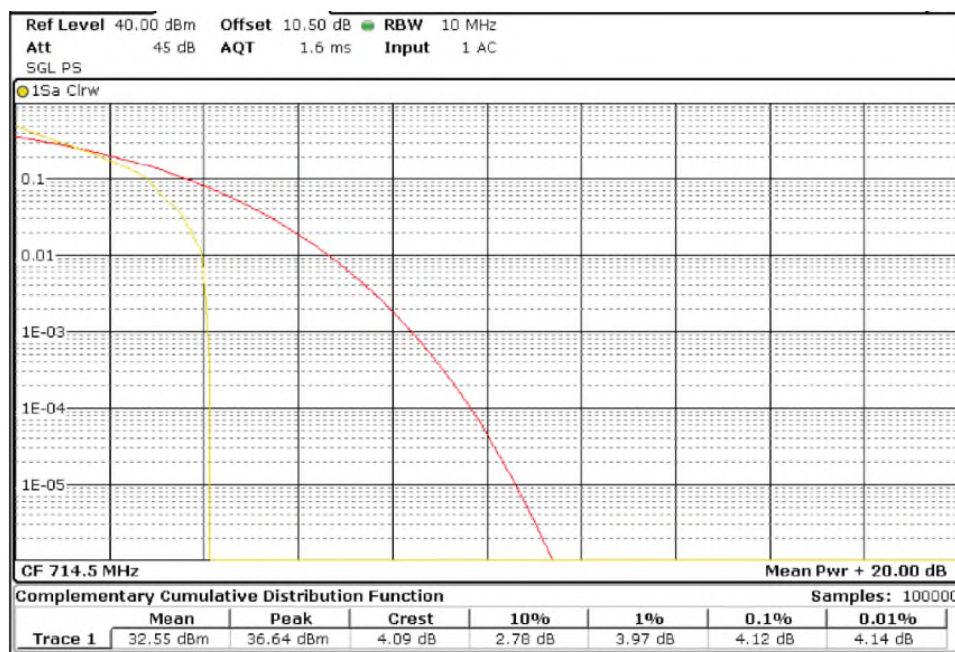


Middle channel



TEST RESULTS (Cont):

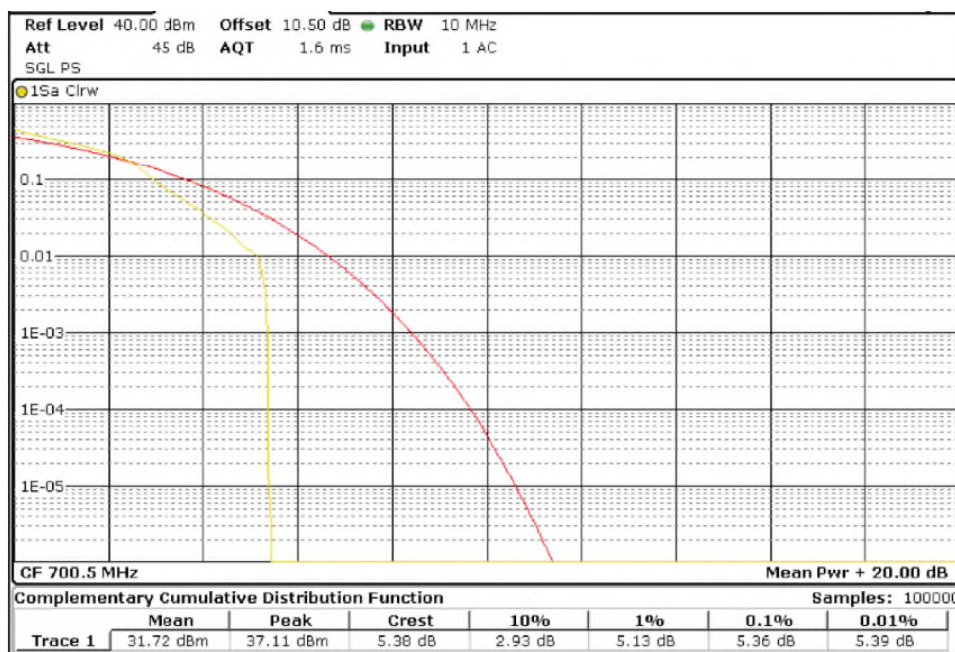
Highest channel



PAPR

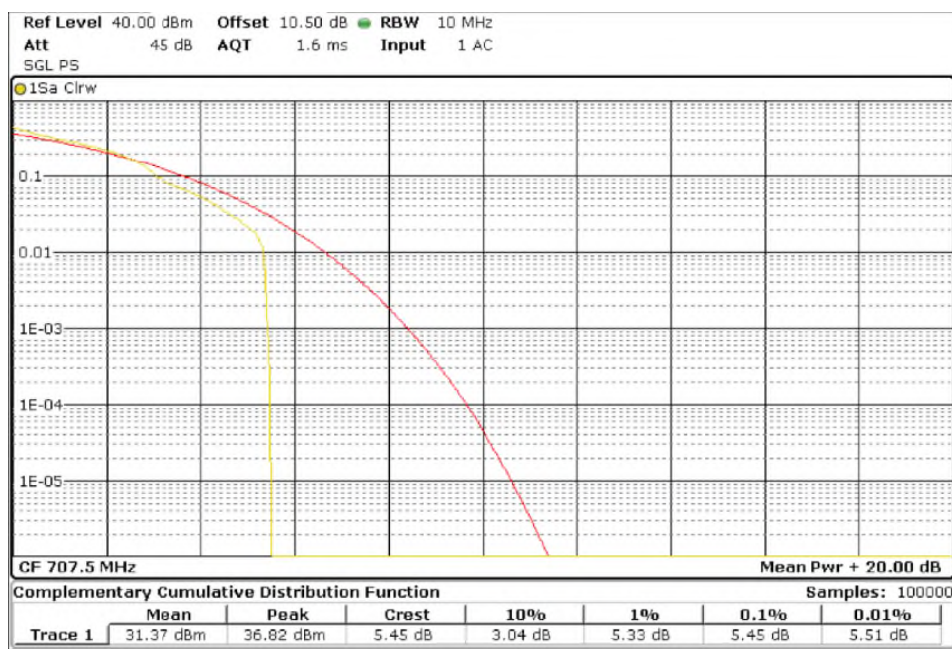
Bandwidth = 3 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.

Lowest channel

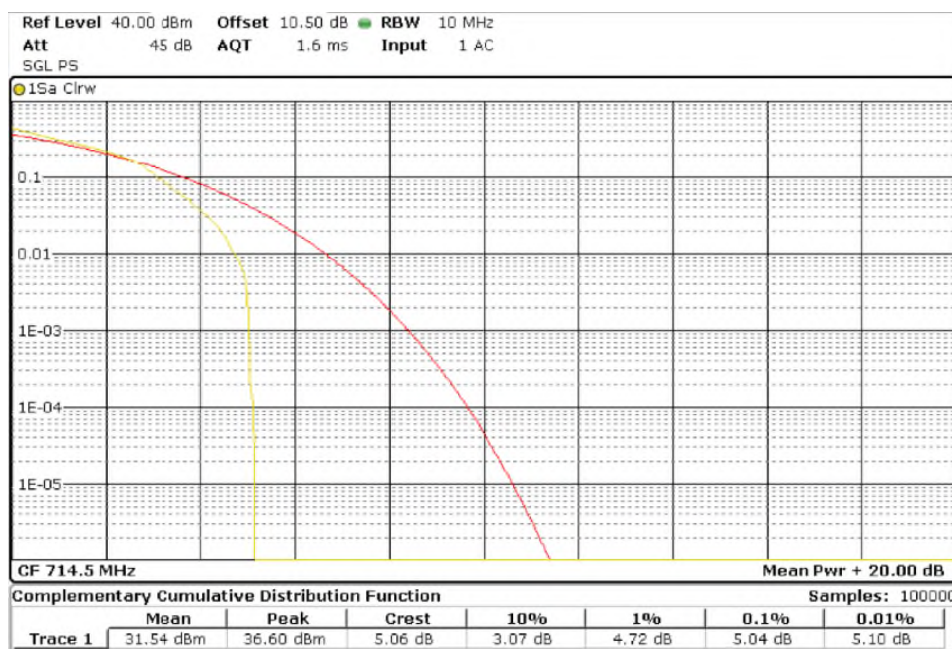


TEST RESULTS (Cont):

Middle channel



Highest channel

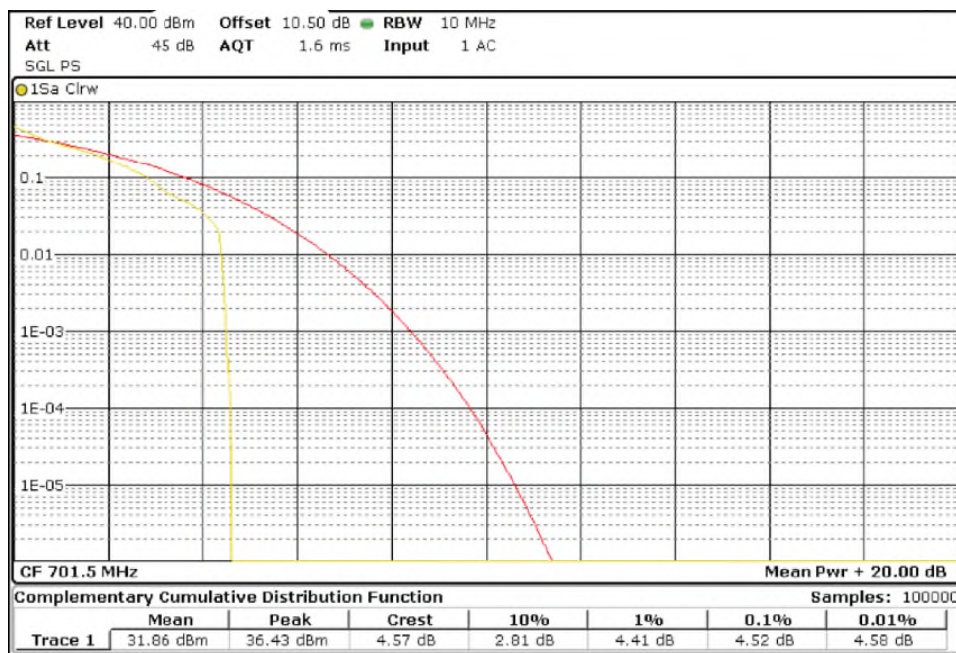


TEST RESULTS (Cont):

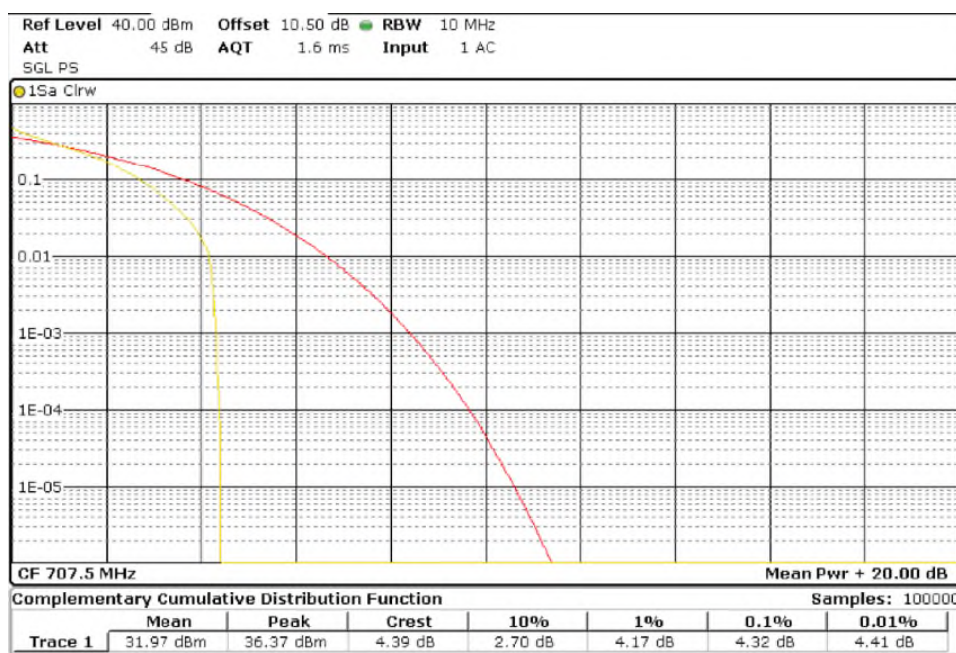
PAPR

Bandwidth = 5 MHz. Modulation QPSK. RB Size: 1. RB Offset: 0.

Lowest channel

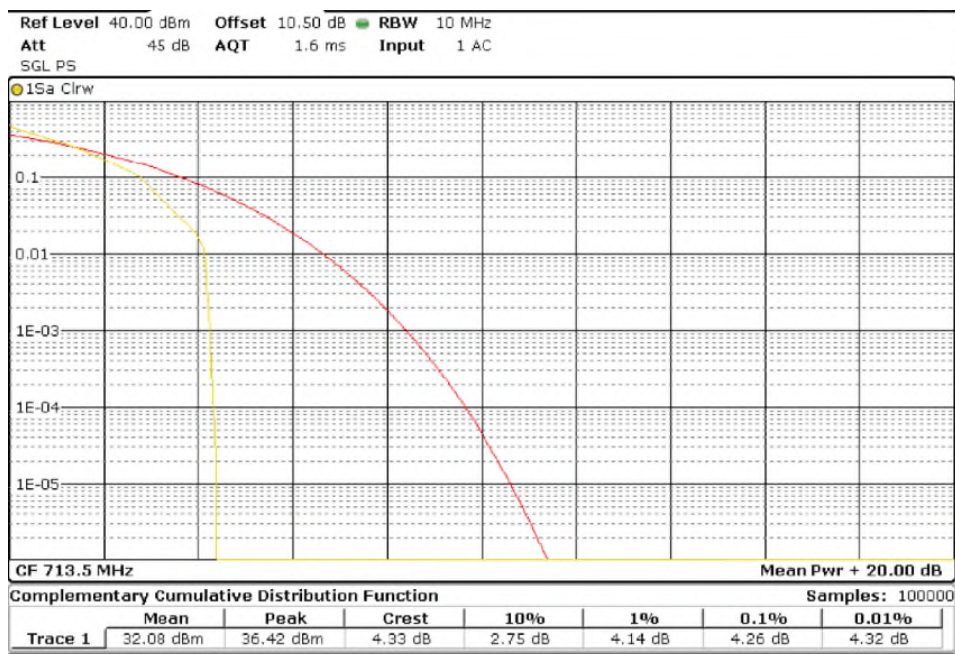


Middle channel

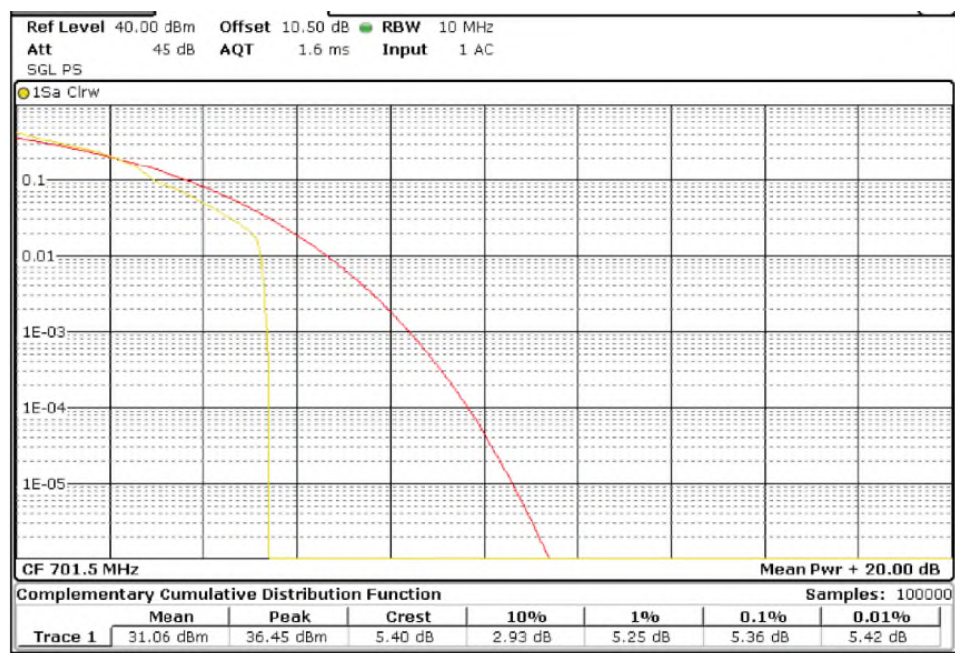


TEST RESULTS (Cont):

Highest channel

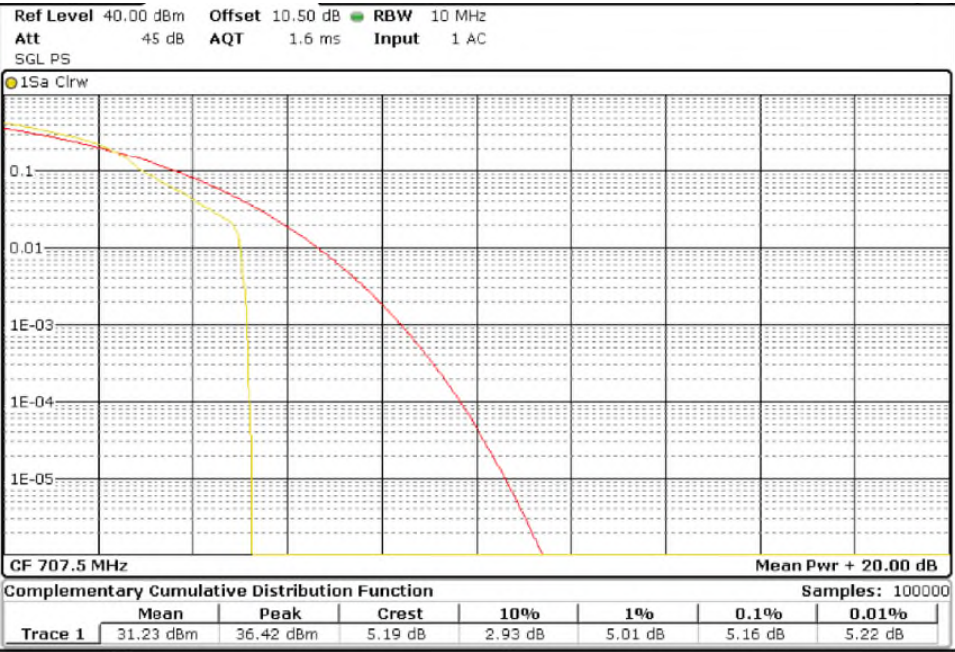


Bandwidth = 5 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.
Lowest channel

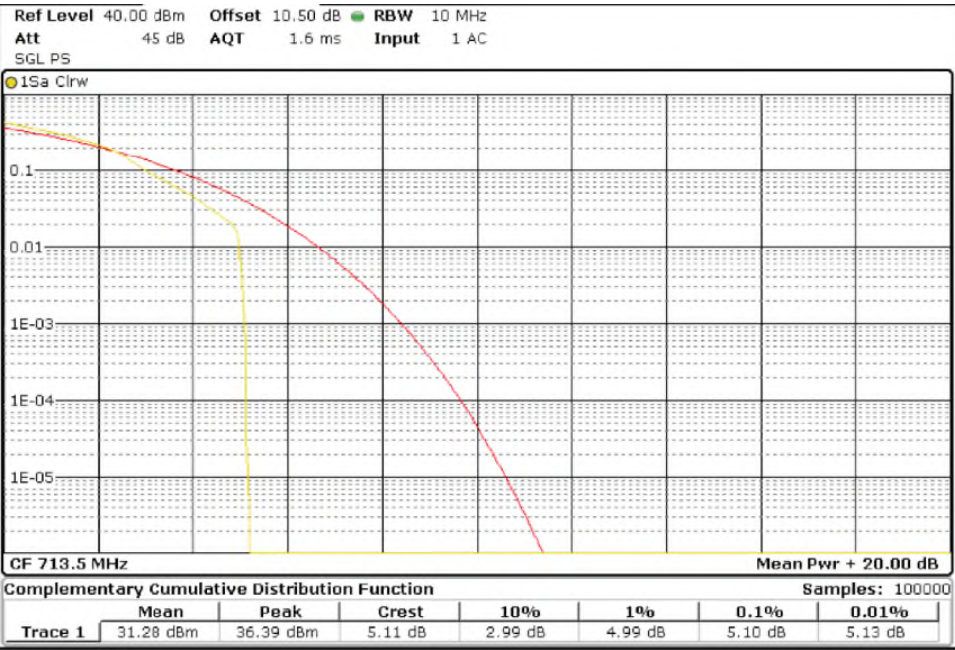


TEST RESULTS (Cont):

Middle channel

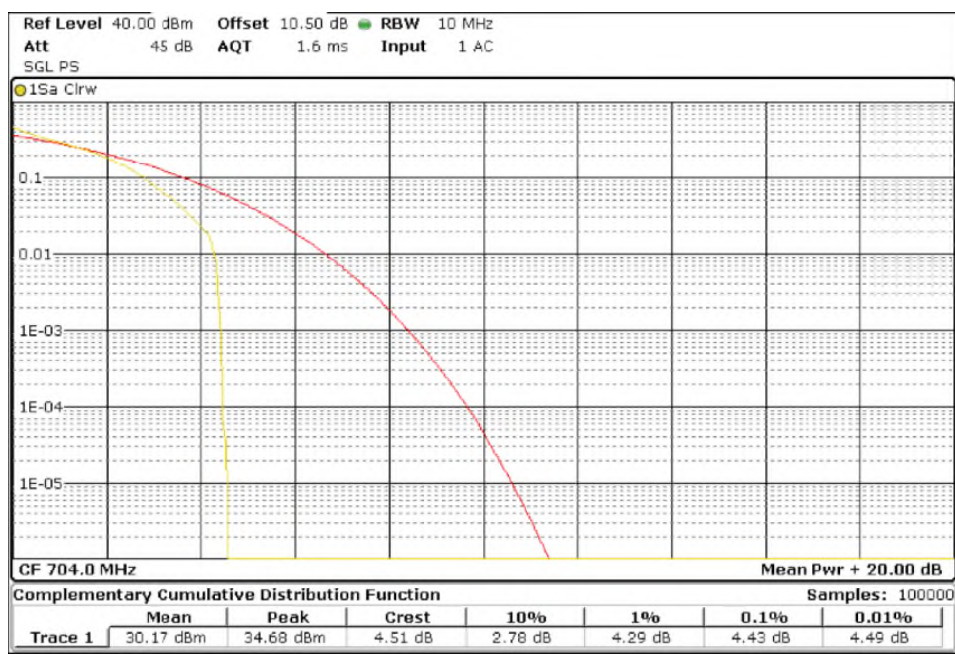


Highest channel

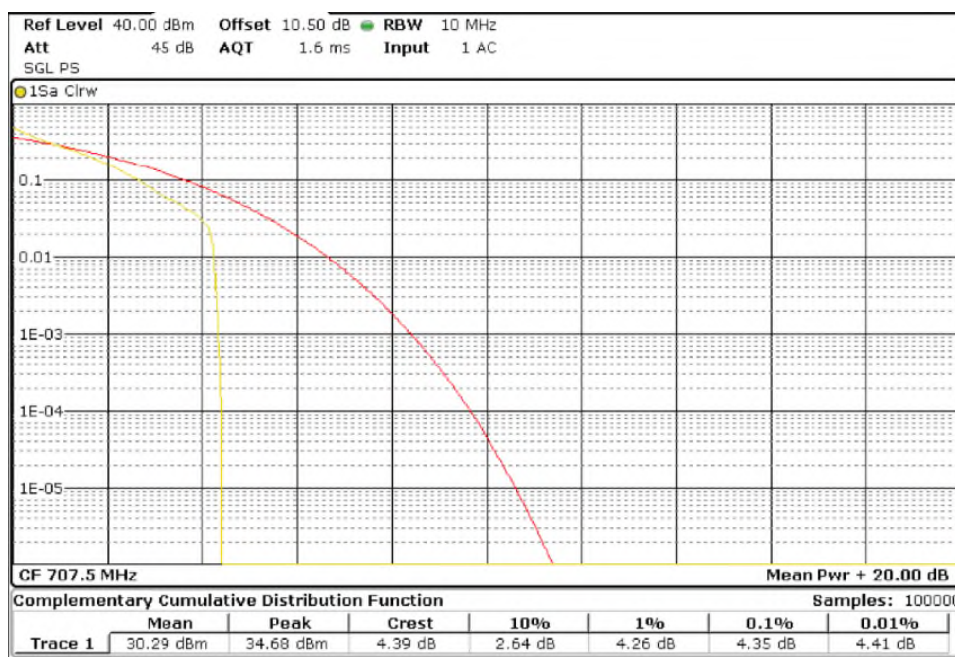


TEST RESULTS (Cont):

Bandwidth = 10 MHz. Modulation QPSK. RB Size: 1. RB Offset: 0.
Lowest channel

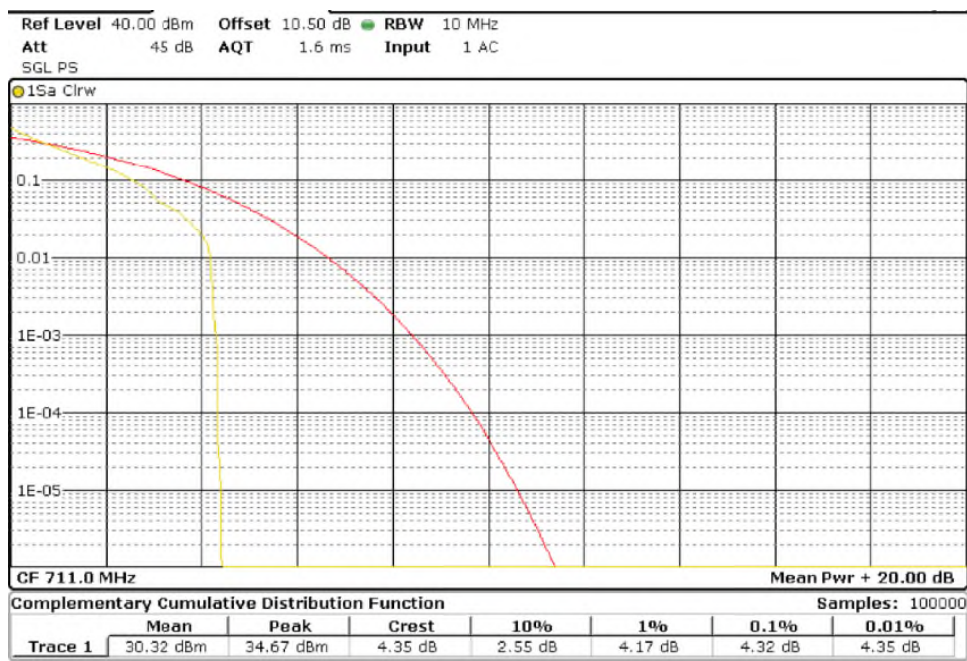


Middle channel



TEST RESULTS (Cont):

Highest channel

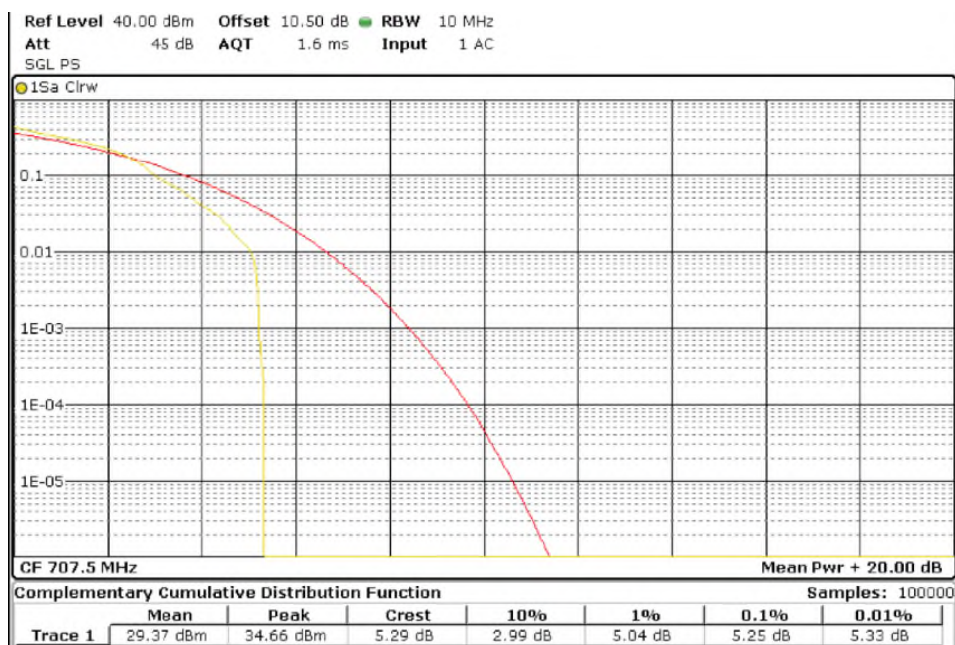


Bandwidth = 10 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.
Lowest channel

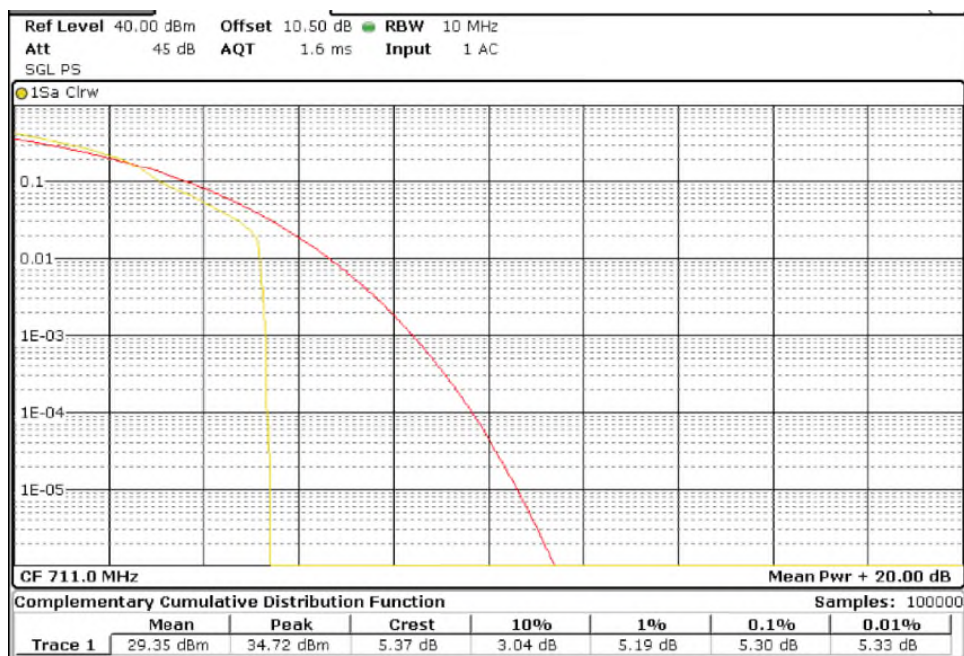


TEST RESULTS (Cont):

Middle channel



Highest channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#04 (Band 13)
TEST RESULTS:	PASS

LTE QPSK AND 16QAM MODULATION. Bandwidth = 5 MHz

Channel	Average power at antenna port (dBm)	Maximum declared antenna gain (dBi)	Maximum E.I.R.P. average power (dBm)	PAPR (dB)
Lowest	23.18	3.0	26.18	4.55
Middle	23.14	3.0	26.14	5.33
Highest	23.11	3.0	26.05	5.01

LTE QPSK AND 16QAM MODULATION. Bandwidth = 10 MHz

Channel	Average power at antenna port (dBm)	Maximum declared antenna gain (dBi)	Maximum E.I.R.P. average power (dBm)	PAPR (dB)
Middle	23.17	3.0	26.17	4.75

TEST RESULTS (Cont):						
Bandwidth (MHz)	Channel Location Frequency (MHz) Channel Number	Modulation	Resource Block Size	Resource Block Offset	Average power at antenna port (dBm)	PAPR (dB)
5	Lowest (23205 (779.5 MHz))	QPSK	1	0	23.18	3.80
			1	24	23.18	
			12	0	22.19	
			12	11	22.16	
			25	0	22.19	
		16-QAM	1	0	22.24	4.55
			1	24	22.17	
			12	0	21.33	
			12	11	21.31	
			25	0	21.22	
	Middle (23230 (782 MHz))	QPSK	1	0	23.13	4.26
			1	24	23.14	
			12	0	22.14	
			12	11	22.2	
			25	0	22.18	
		16-QAM	1	0	22.52	5.33
			1	24	22.54	
			12	0	21.11	
			12	11	21.06	
			25	0	21.17	
	Highest (23255 (784.5 MHz))	QPSK	1	0	23.11	4.29
			1	24	23.05	
			12	0	22.18	
			12	11	22.15	
			25	0	22.14	
		16-QAM	1	0	22.25	5.01
			1	24	22.21	
			12	0	21.2	
			12	11	21.19	
			25	0	21.14	

TEST RESULTS (Cont):

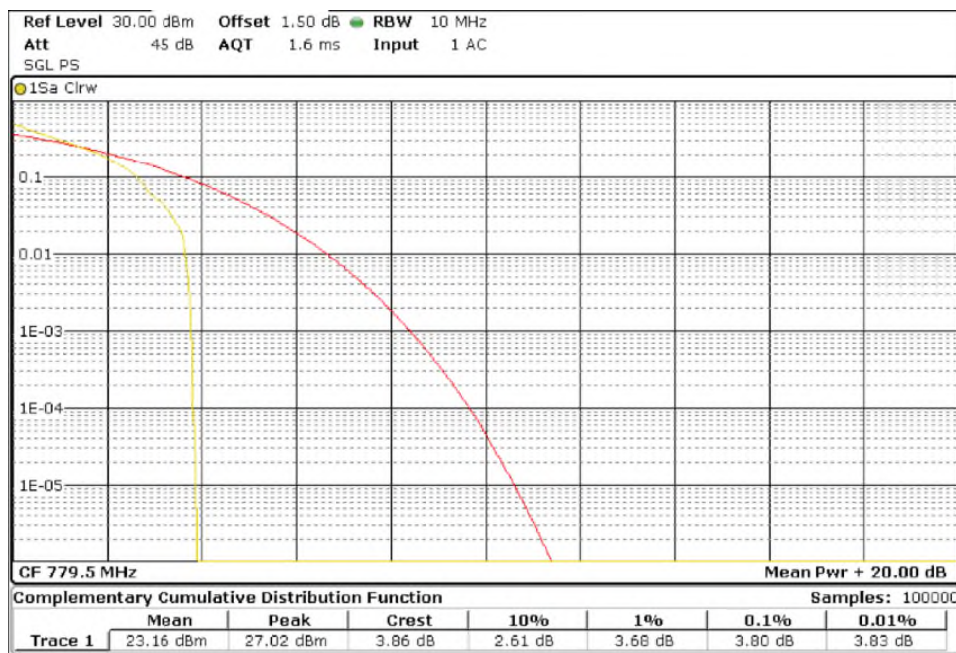
BANDWIDTH (MHz)	CHANNEL FREQUENCY (MHz)	MODULATION	RB SIZE	RB OFFSET	AVERAGE POWER (dBm)	PAPR (dB)
10	Middle (23230 (782 MHz))	QPSK	1	0	23.17	3.91
			1	24	23.08	
			1	49	23.03	
			25	0	22.2	
			25	24	22.19	
			50	0	22.16	
		16-QAM	1	0	22.43	4.75
			1	24	22.33	
			1	49	22.27	
			25	0	21.27	
			25	24	21.21	
			50	0	21.16	

TEST RESULTS (Cont):

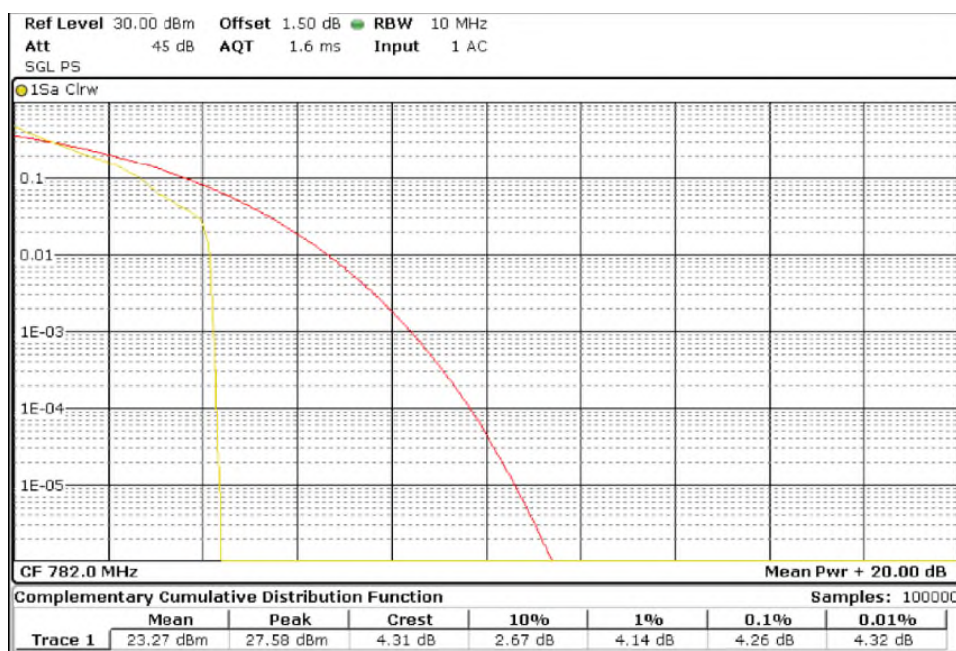
PAPR

Bandwidth = 5 MHz. Modulation QPSK. RB Size: 1. RB Offset: 0.

Lowest channel

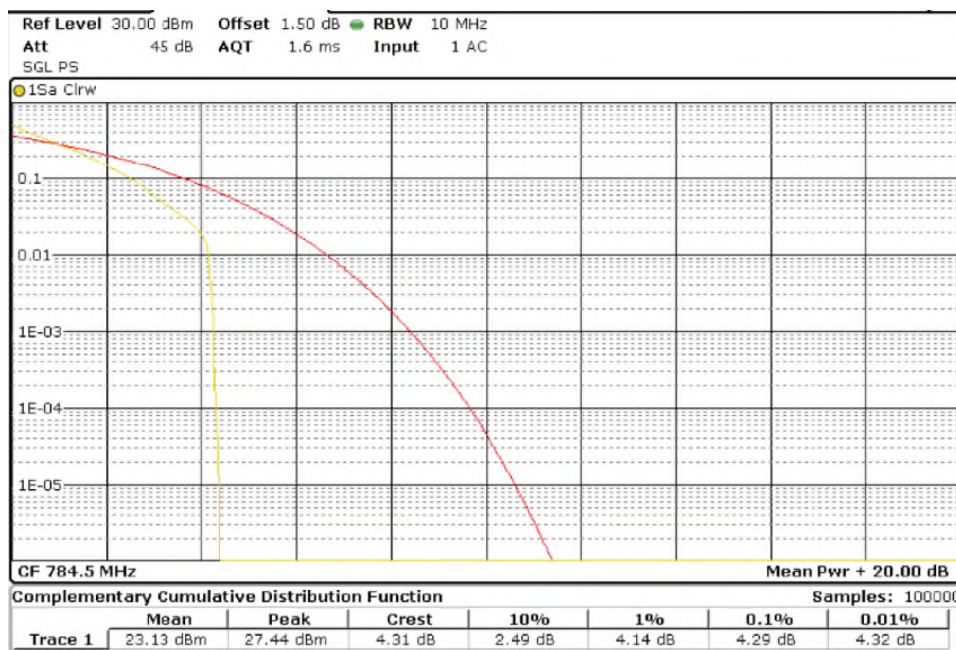


Middle channel

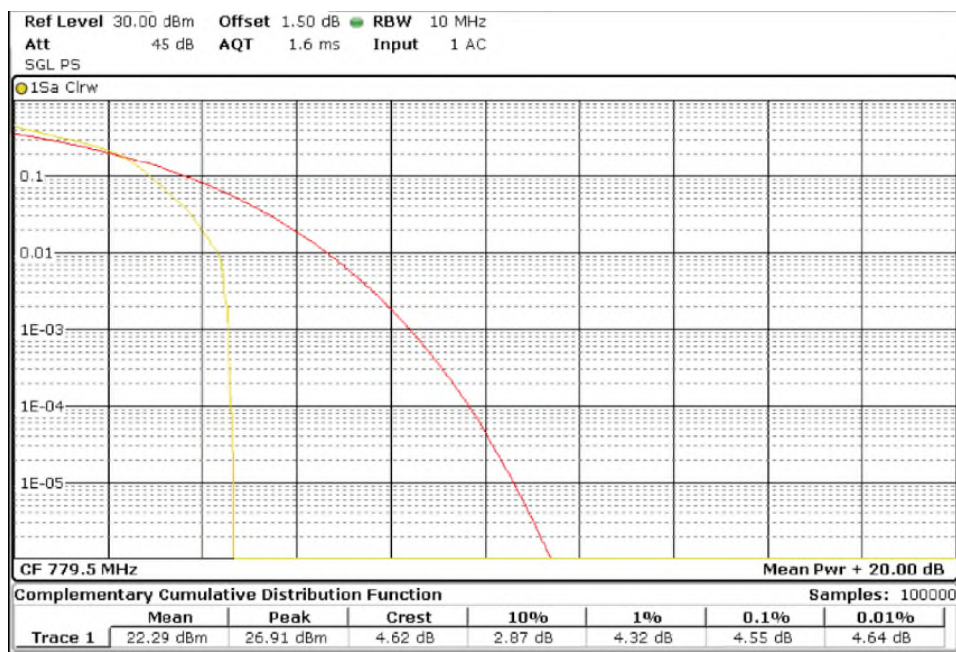


TEST RESULTS (Cont):

Highest channel

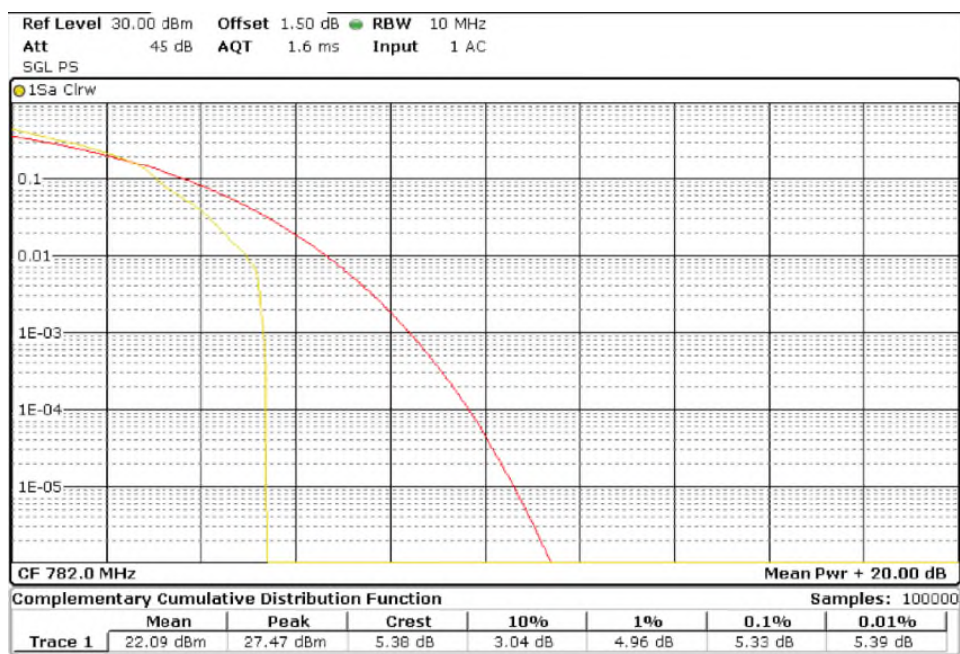


Bandwidth = 5 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.
Lowest channel

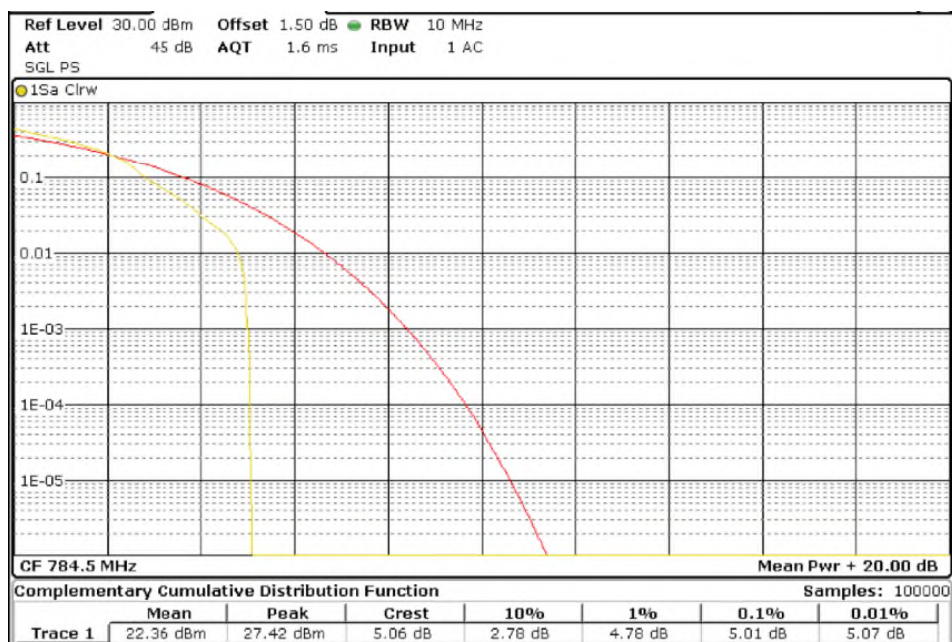


TEST RESULTS (Cont):

Middle channel

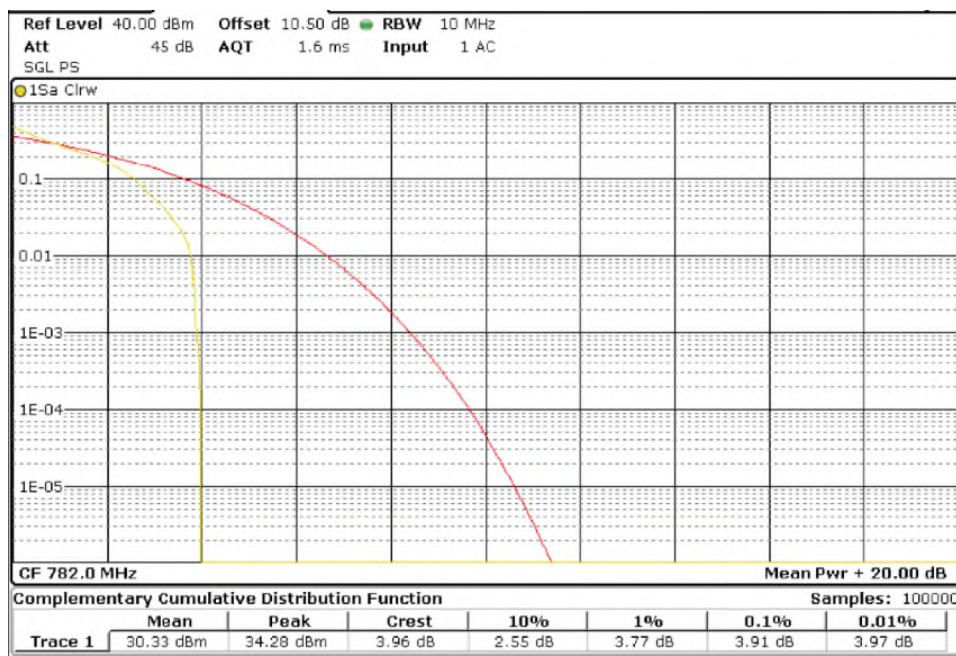


Highest channel

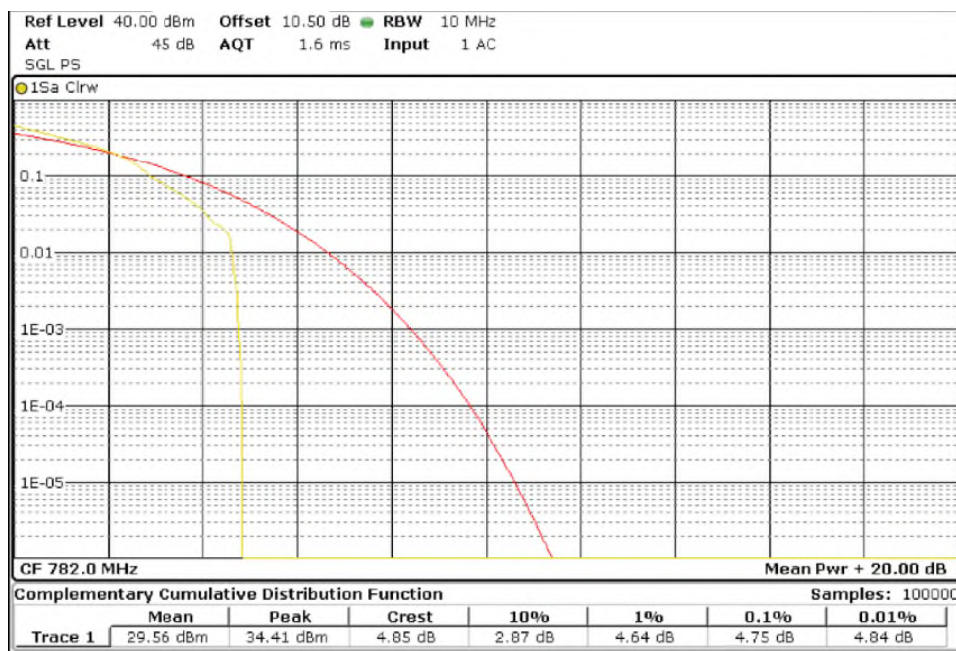


TEST RESULTS (Cont):

Bandwidth = 10 MHz. Modulation QPSK. RB Size: 1. RB Offset: 0.



Bandwidth = 10 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#05 (Band 66)
TEST RESULTS:	PASS

LTE QPSK AND 16QAM MODULATION. Bandwidth = 1.4 MHz

Channel	Average power at antenna port (dBm)	Maximum declared antenna gain (dBi)	Maximum E.I.R.P. average power (dBm)	PAPR (dB)
Lowest	23	4.0	27	5.68
Middle	22.94	4.0	26.94	5.88
Highest	23	4.0	27	5.19

LTE QPSK AND 16QAM MODULATION. Bandwidth = 3 MHz

Channel	Average power at antenna port (dBm)	Maximum declared antenna gain (dBi)	Maximum E.I.R.P. average power (dBm)	PAPR (dB)
Lowest	23.03	4.0	27.03	5.51
Middle	22.93	4.0	26.93	5.86
Highest	22.97	4.0	26.97	5.25

LTE QPSK AND 16QAM MODULATION. Bandwidth = 5 MHz

Channel	Average power at antenna port (dBm)	Maximum declared antenna gain (dBi)	Maximum E.I.R.P. average power (dBm)	PAPR (dB)
Lowest	23.09	4.0	27.09	5.42
Middle	22.96	4.0	26.96	5.59
Highest	22.98	4.0	26.98	5.30

LTE QPSK AND 16QAM MODULATION. Bandwidth = 10 MHz

Channel	Average power at antenna port (dBm)	Maximum declared antenna gain (dBi)	Maximum E.I.R.P. average power (dBm)	PAPR (dB)
Lowest	23.06	4.0	27.06	5.42
Middle	22.93	4.0	26.93	5.71
Highest	23.02	4.0	27.02	5.51

LTE QPSK AND 16QAM MODULATION. Bandwidth = 15 MHz

Channel	Average power at antenna port (dBm)	Maximum declared antenna gain (dBi)	Maximum E.I.R.P. average power (dBm)	PAPR (dB)
Lowest	23.14	4.0	27.14	5.42
Middle	23.03	4.0	27.03	5.62
Highest	23.08	4.0	27.08	5.54

LTE QPSK AND 16QAM MODULATION. Bandwidth = 20 MHz

Channel	Average power at antenna port (dBm)	Maximum declared antenna gain (dBi)	Maximum E.I.R.P. average power (dBm)	PAPR (dB)
Lowest	23.16	4.0	27.16	5.22
Middle	23.08	4.0	27.08	5.51
Highest	23.05	4.0	27.05	5.33
Measurement uncertainty (dB)			<±0.95	

TEST RESULTS (Cont):						
Bandwidth (MHz)	Channel Location Frequency (MHz) Channel Number	Modulation	Resource Block Size	Resource Block Offset	Average power at antenna port (dBm)	PAPR (dB)
1.4	Lowest (131979 (1710.7 MHz))	QPSK	1	0	22.97	4.72
			1	5	22.94	
			3	0	22.93	
			3	2	23	
			6	0	21.97	
		16-QAM	1	0	22.16	5.68
			1	5	22.2	
			3	0	21.95	
			3	2	22.03	
			6	0	21.01	
	Middle (132422 (1755 MHz))	QPSK	1	0	22.78	5.01
			1	5	22.81	
			3	0	22.9	
			3	2	22.94	
			6	0	21.86	
		16-QAM	1	0	22.04	5.88
			1	5	22.06	
			3	0	21.8	
			3	2	21.86	
			6	0	20.91	
	Highest (132665 (1779.3 MHz))	QPSK	1	0	22.87	4.32
			1	5	22.91	
			3	0	22.97	
			3	2	23	
			6	0	21.91	
		16-QAM	1	0	21.93	5.19
			1	5	21.9	
			3	0	21.89	
			3	2	21.92	
			6	0	21.03	

TEST RESULTS (Cont):						
Bandwidth (MHz)	Channel Location Frequency (MHz) Channel Number	Modulation	Resource Block Size	Resource Block Offset	Average power at antenna port (dBm)	PAPR (dB)
3	Lowest (131987 (1711.5 MHz))	QPSK	1	0	23.03	4.61
			1	14	23.01	
			8	0	22.07	
			8	7	22.03	
			15	0	22.01	
		16-QAM	1	0	22.22	5.51
			1	14	22.17	
			8	0	21.21	
			8	7	21.23	
			15	0	21.06	
	Middle (132422 (1755 MHz))	QPSK	1	0	22.92	4.81
			1	14	22.93	
			8	0	21.92	
			8	7	21.95	
			15	0	21.95	
		16-QAM	1	0	22.17	5.86
			1	14	22.16	
			8	0	21.11	
			8	7	21.04	
			15	0	20.98	
	Highest (132657 (1778.5 MHz))	QPSK	1	0	22.97	4.32
			1	14	22.96	
			8	0	22	
			8	7	21.97	
			15	0	22.01	
		16-QAM	1	0	22.15	5.25
			1	14	22.16	
			8	0	21.08	
			8	7	21.14	
			15	0	21.07	

TEST RESULTS (Cont):

Bandwidth (MHz)	Channel Location Frequency (MHz) Channel Number	Modulation	Resource Block Size	Resource Block Offset	Average power at antenna port (dBm)	PAPR (dB)
5	Lowest (131997 (1712.5 MHz))	QPSK	1	0	23.09	4.64
			1	24	23.03	
			12	0	22..07	
			12	11	22.08	
			25	0	22.02	
		16-QAM	1	0	22.21	5.42
			1	24	22.24	
			12	0	21.1	
			12	11	21.11	
			25	0	21.02	
	Middle (132422 (1755 MHz))	QPSK	1	0	22.96	4.81
			1	24	22.96	
			12	0	21.94	
			12	11	21.93	
			25	0	21.95	
		16-QAM	1	0	22	5.59
			1	24	22.02	
			12	0	21.06	
			12	11	21.09	
			25	0	20.93	
	Highest (132647 (1777.5 MHz))	QPSK	1	0	22.98	4.32
			1	24	22.94	
			12	0	22.01	
			12	11	22.02	
			25	0	22	
		16-QAM	1	0	22.41	5.30
			1	24	22.37	
			12	0	20.96	
			12	11	20.91	
			25	0	21.06	