

TEST RESULTS (Cont):

BANDWIDTH (MHz)	CHANNEL FREQUENCY (MHz)	MODULATION	RB SIZE	RB OFFSET	AVERAGE POWER (dBm)	PAPR (dB)
10	Low est (20000 (1715 MHz))	QPSK	1	0	22.99	4.12
			1	24	22.9	
			1	49	22.95	
			25	0	22.01	
			25	24	21.94	
			50	0	22	
		16-QAM	1	0	22.21	5.48
			1	24	22.12	
			1	49	22.14	
			25	0	21.06	
			25	24	21.02	
			50	0	20.95	
	Middle (20175 (1732.5 MHz))	QPSK	1	0	22.92	4.64
			1	24	22.85	
			1	49	22.89	
			25	0	21.92	
			25	24	21.9	
			50	0	21.95	
		16-QAM	1	0	22.19	5.68
			1	24	22.1	
			1	49	22.15	
			25	0	20.91	
			25	24	20.94	
			50	0	20.86	
	Highest (20350 (1750 MHz))	QPSK	1	0	22.84	4.58
			1	24	22.79	
			1	49	22.78	
			25	0	21.82	
			25	24	21.8	
			50	0	21.81	
		16-QAM	1	0	22.05	5.62
			1	24	21.99	
			1	49	22.03	
			25	0	20.92	
			25	24	20.93	
			50	0	20.82	

TEST RESULTS (Cont):

BANDWIDTH (MHz)	CHANNEL FREQUENCY (MHz)	MODULATION	RB SIZE	RB OFFSET	AVERAGE POWER (dBm)	PAPR (dB)
15	Lowest (20025 (1717.5 MHz))	QPSK	1	0	23.03	4.41
			1	37	22.89	
			1	74	22.91	
			36	0	22.01	
			36	37	22.01	
			75	0	22.99	
		16-QAM	1	0	22.3	5.48
			1	37	22.07	
			1	74	22.08	
			36	0	21.07	
			36	37	21.03	
			75	0	21.03	
	Middle (20175 (1732.5 MHz))	QPSK	1	0	22.98	4.55
			1	37	22.87	
			1	74	22.93	
			36	0	21.91	
			36	37	21.92	
			75	0	21.95	
		16-QAM	1	0	22.21	5.51
			1	37	22.08	
			1	74	22.17	
			36	0	20.97	
			36	37	20.9	
			75	0	20.92	
	Highest (20325 (1747.5 MHz))	QPSK	1	0	23.02	4.84
			1	37	22.83	
			1	74	22.81	
			36	0	21.92	
			36	37	21.88	
			75	0	21.8	
		16-QAM	1	0	22.01	5.71
			1	37	21.81	
			1	74	21.84	
			36	0	20.85	
			36	37	20.84	
			75	0	20.81	

TEST RESULTS (Cont):

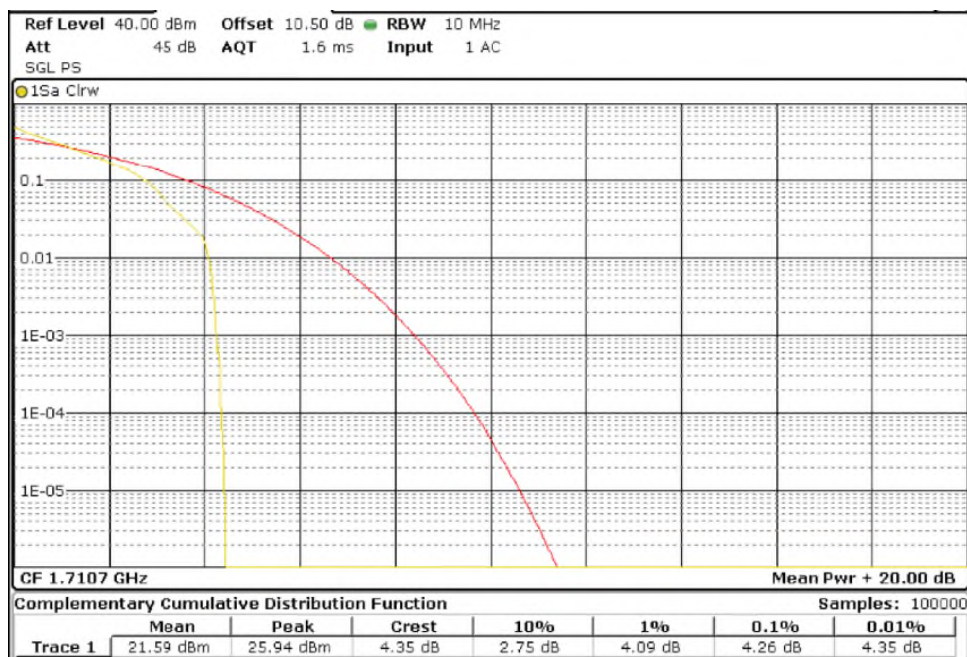
BANDWIDTH (MHz)	CHANNEL FREQUENCY (MHz)	MODULATION	RB SIZE	RB OFFSET	AVERAGE POWER (dBm)	PAPR (dB)
20	Lowest (20050 (1720 MHz))	QPSK	1	0	23.06	4.09
			1	49	22.96	
			1	99	22.91	
			50	0	22.02	
			50	49	21.93	
			100	0	22.05	
		16-QAM	1	0	22.15	4.84
			1	49	22	
			1	99	22.01	
			50	0	21.06	
			50	49	20.89	
			100	0	21.03	
	Middle (20175 (1732.5 MHz))	QPSK	1	0	23.07	4.49
			1	49	22.93	
			1	99	23.01	
			50	0	21.94	
			50	49	21.9	
			100	0	21.93	
		16-QAM	1	0	22.41	5.36
			1	49	22.29	
			1	99	22.37	
			50	0	20.96	
			50	49	20.92	
			100	0	20.98	
	Highest (20300 (1745 MHz))	QPSK	1	0	23.02	4.84
			1	49	22.77	
			1	99	22.81	
			50	0	21.96	
			50	49	21.84	
			100	0	21.89	
		16-QAM	1	0	22.54	6.12
			1	49	22.27	
			1	99	22.33	
			50	0	20.95	
			50	49	20.84	
			100	0	20.9	

TEST RESULTS (Cont):

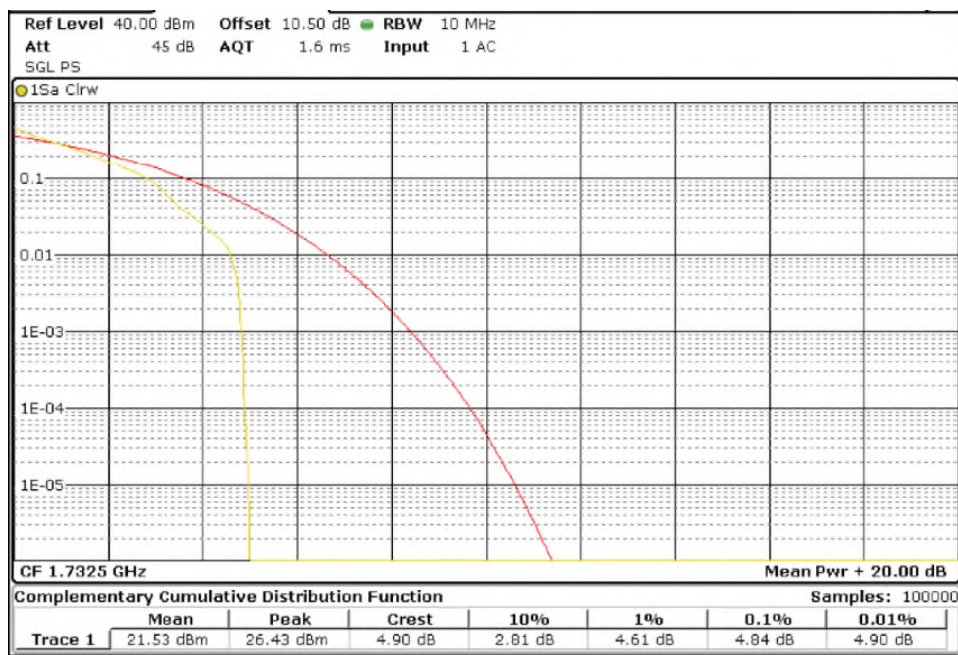
PAPR

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

Lowest channel

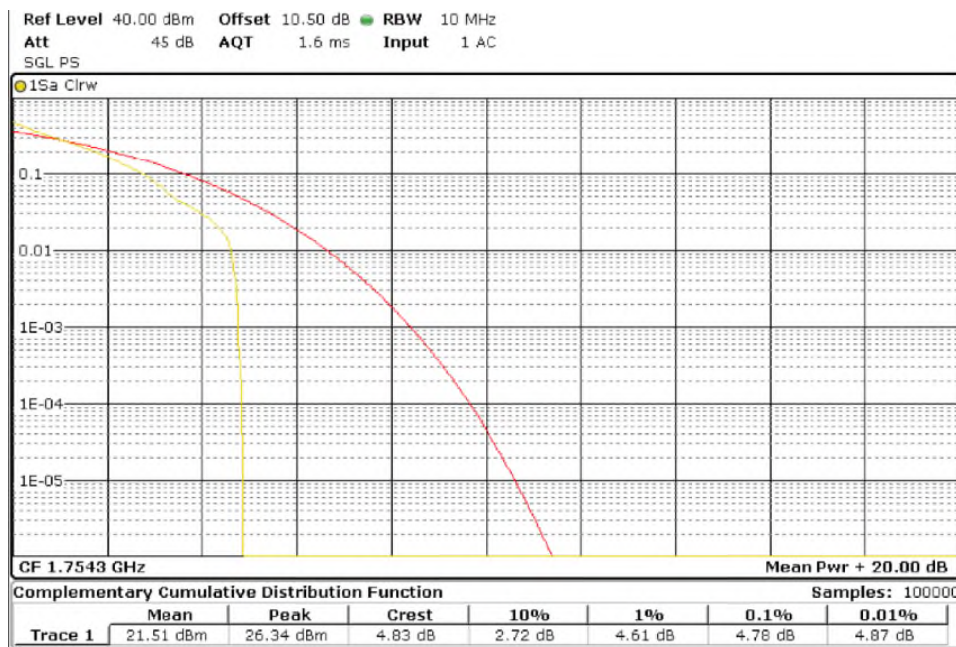


Middle channel



TEST RESULTS (Cont):

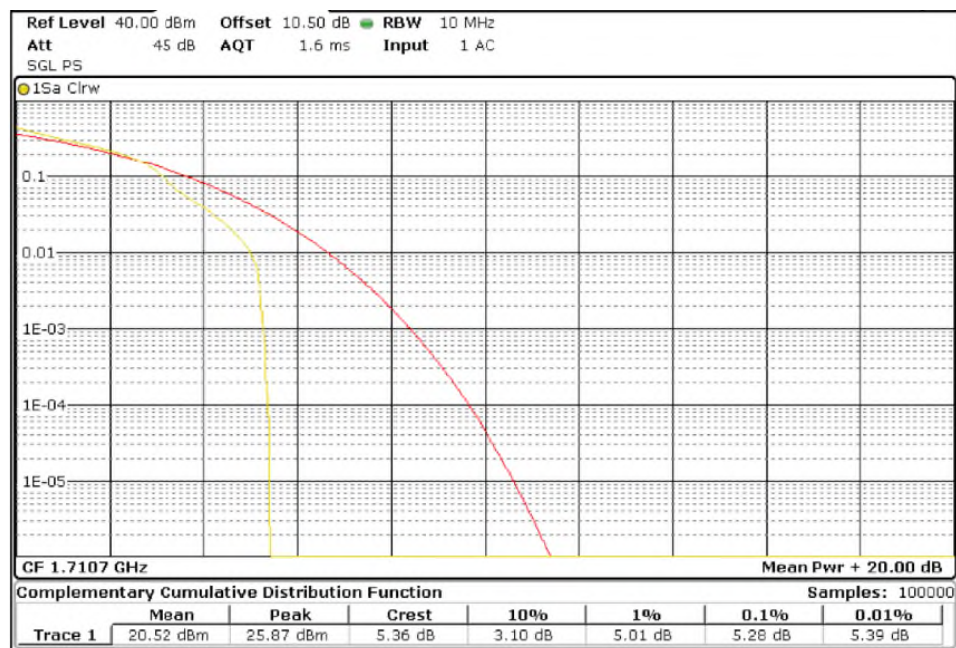
Highest channel



PAPR

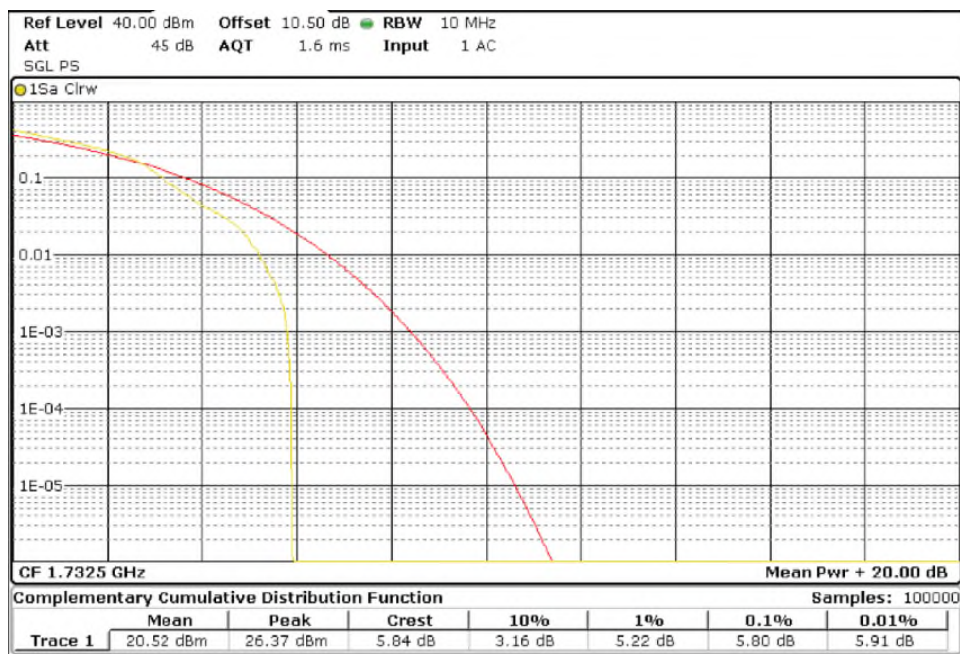
Bandwidth = 1.4 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.

Lowest channel

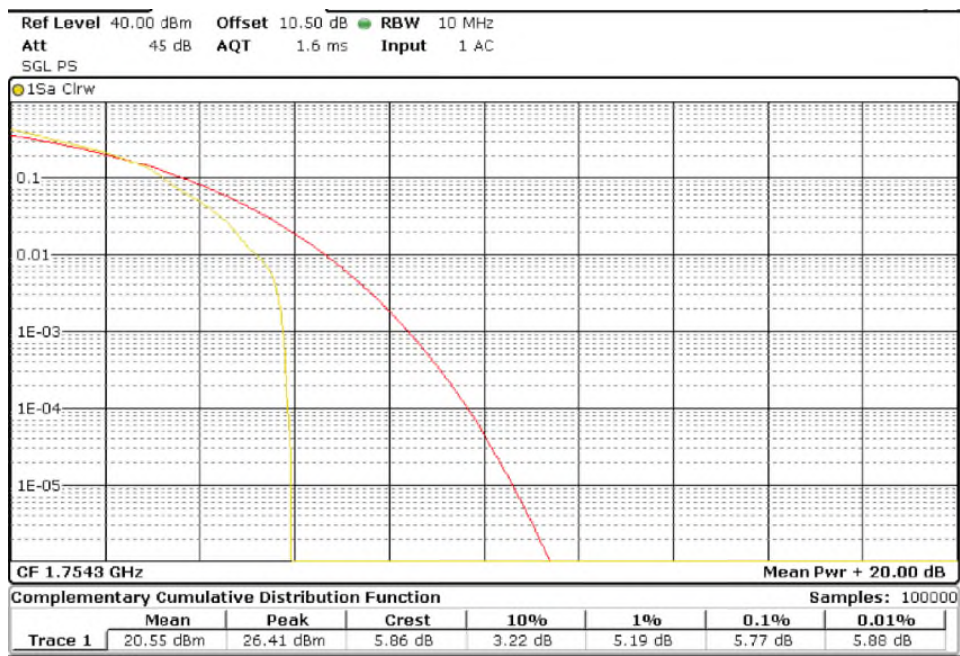


TEST RESULTS (Cont):

Middle channel



Highest channel

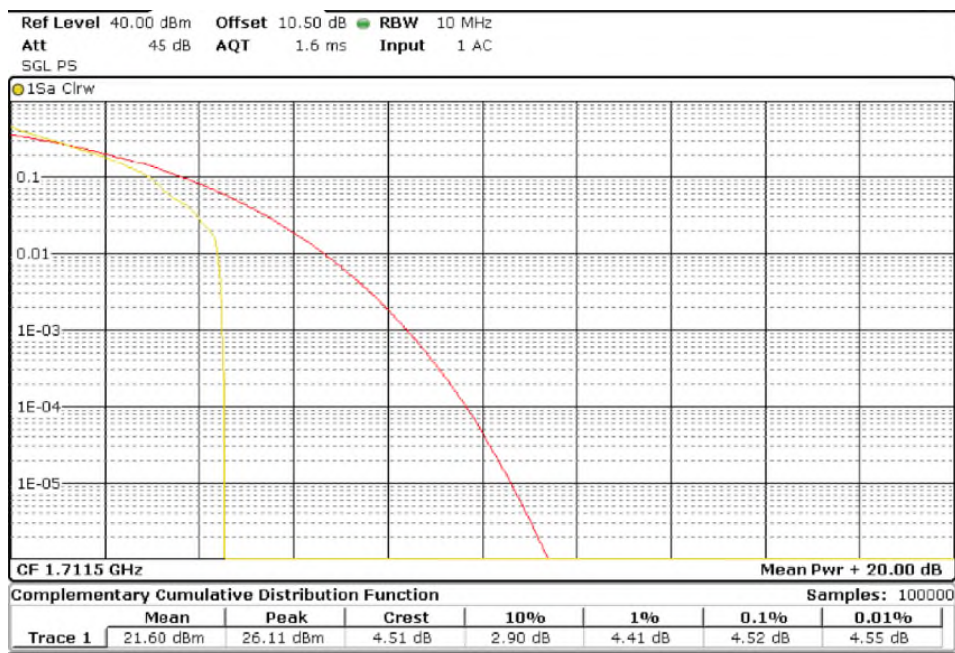


TEST RESULTS (Cont):

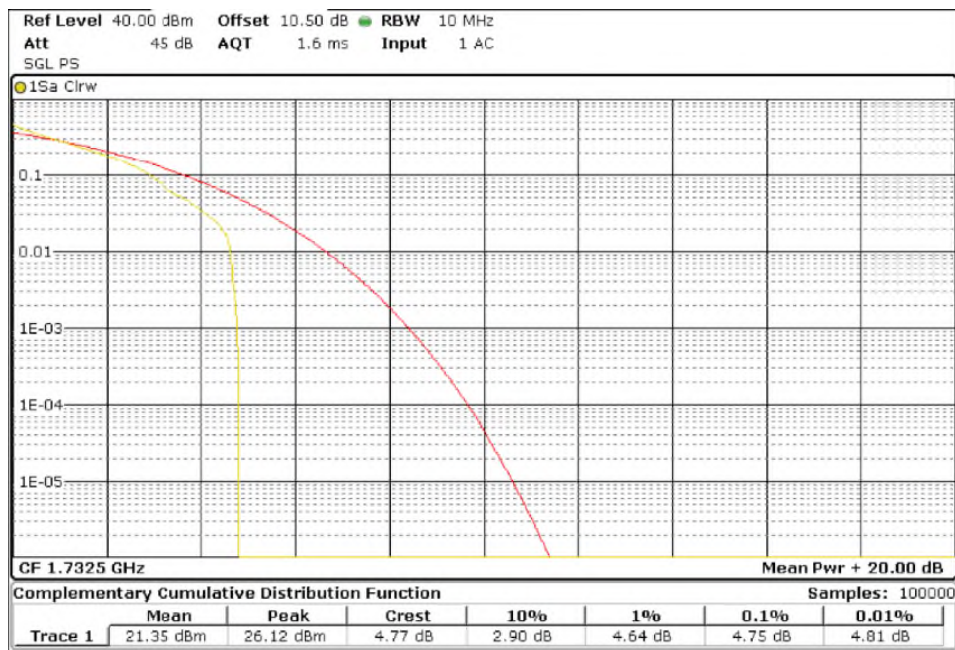
PAPR

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

Lowest channel

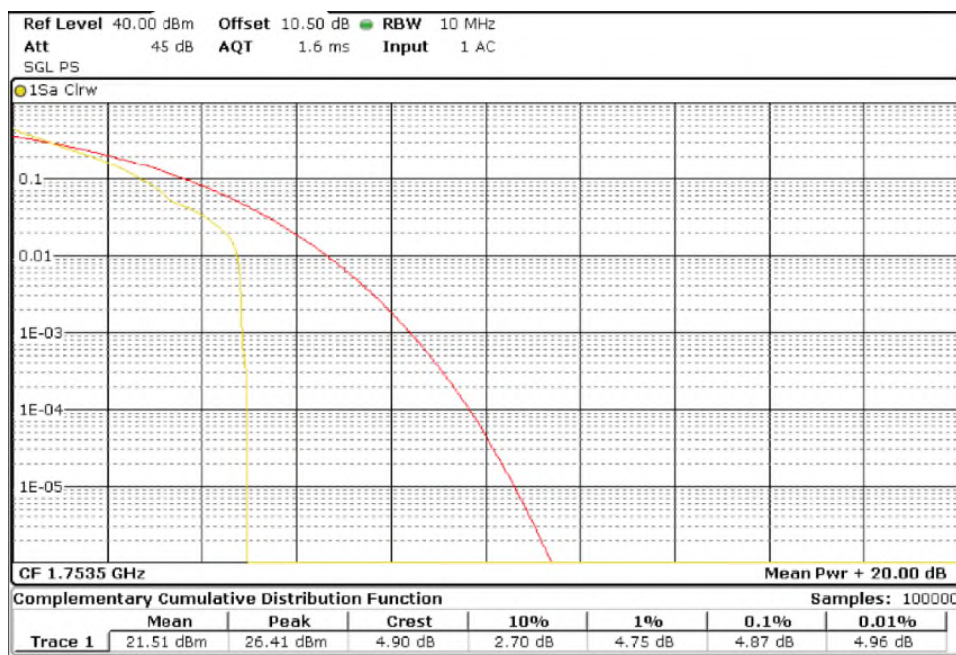


Middle channel



TEST RESULTS (Cont):

Highest channel



PAPR

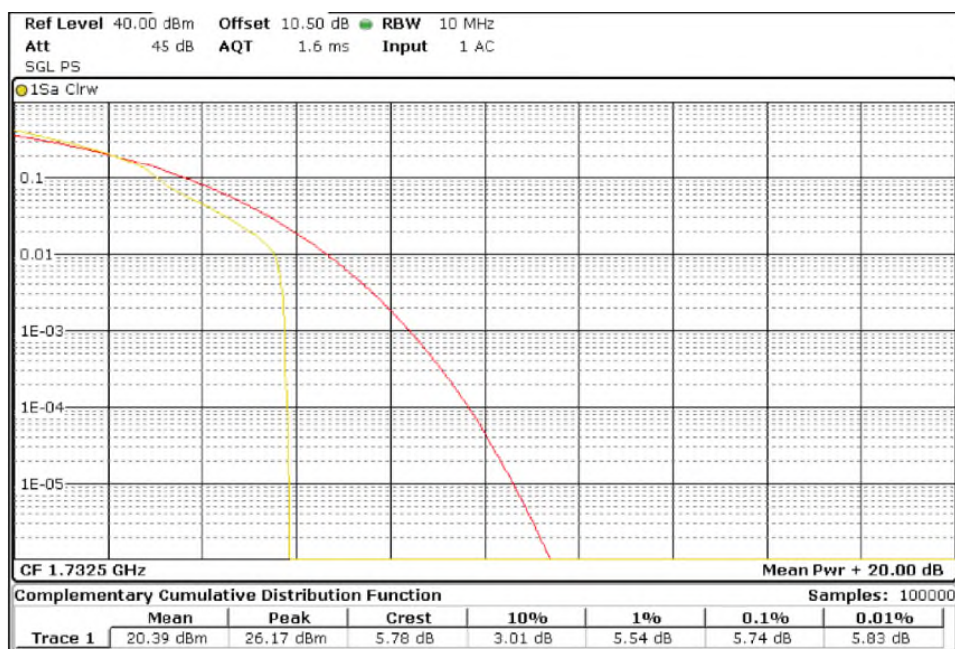
Bandwidth = 3 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.

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

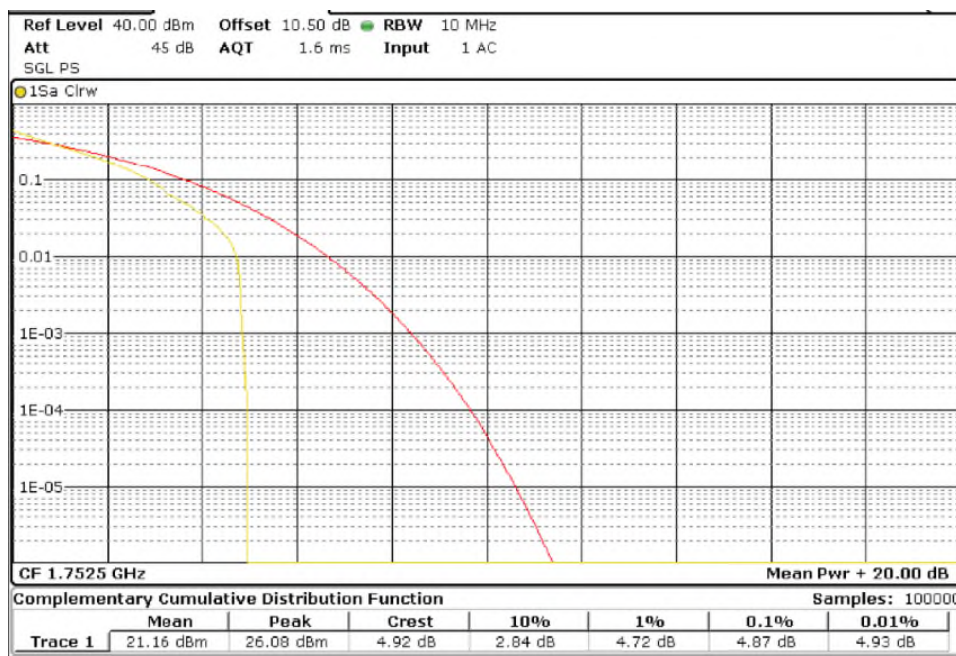


Middle channel

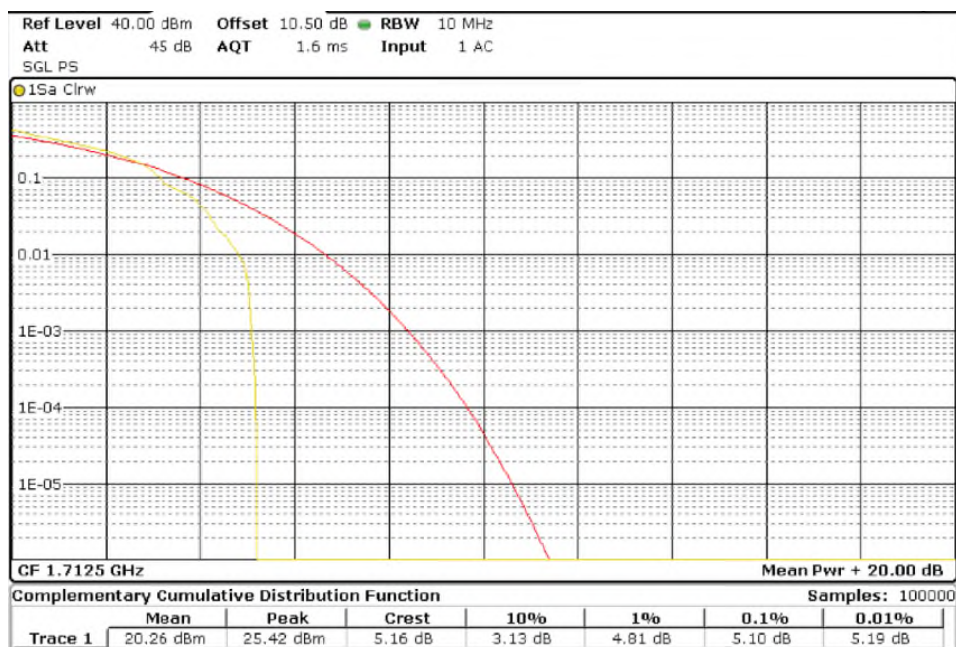


TEST RESULTS (Cont):

Highest channel

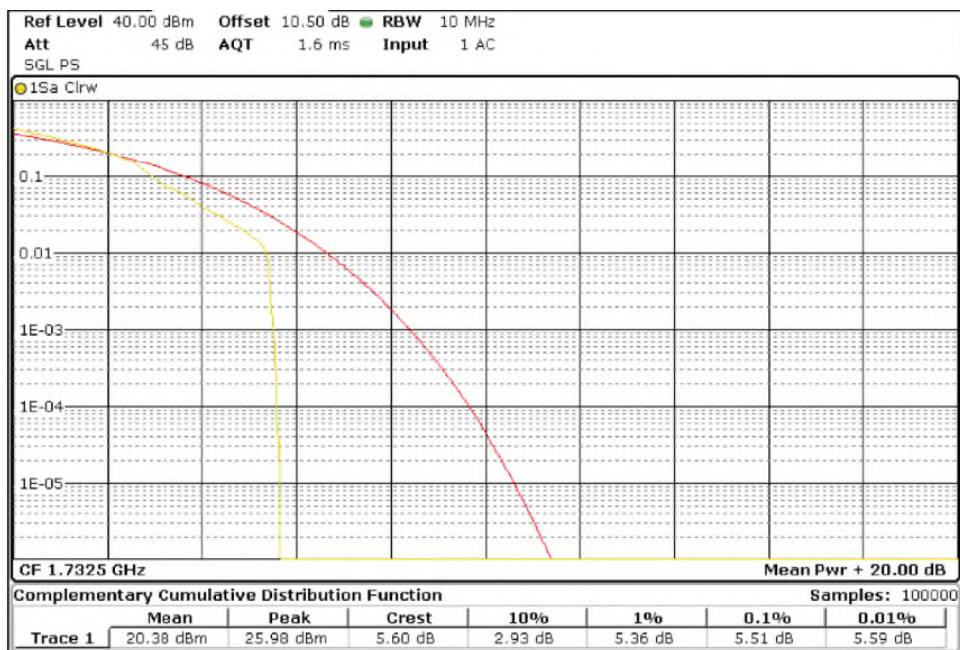


Bandwidth = 5 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.
Lowest channel

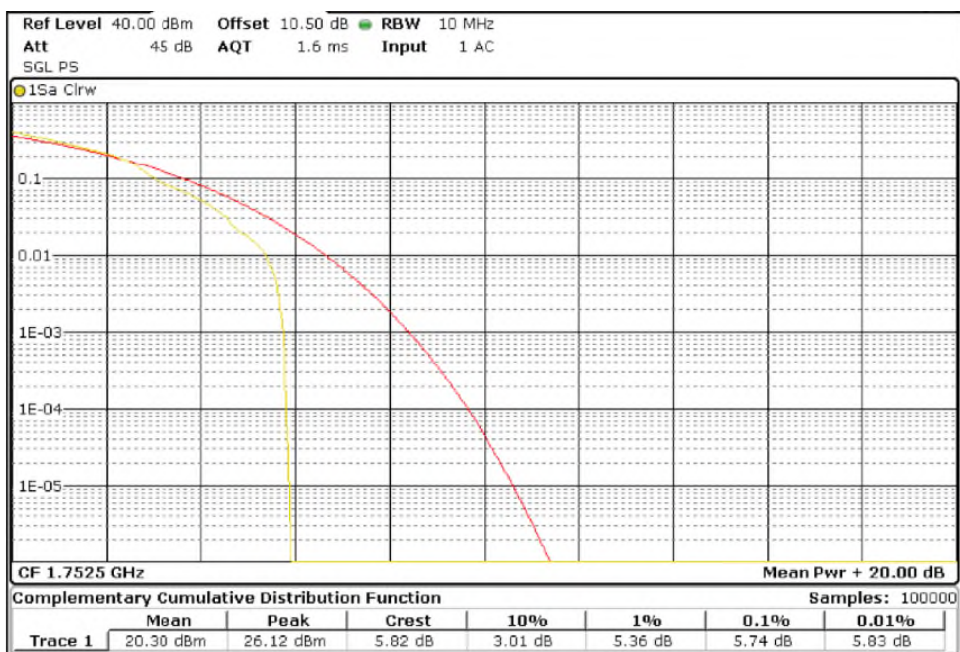


TEST RESULTS (Cont):

Middle channel

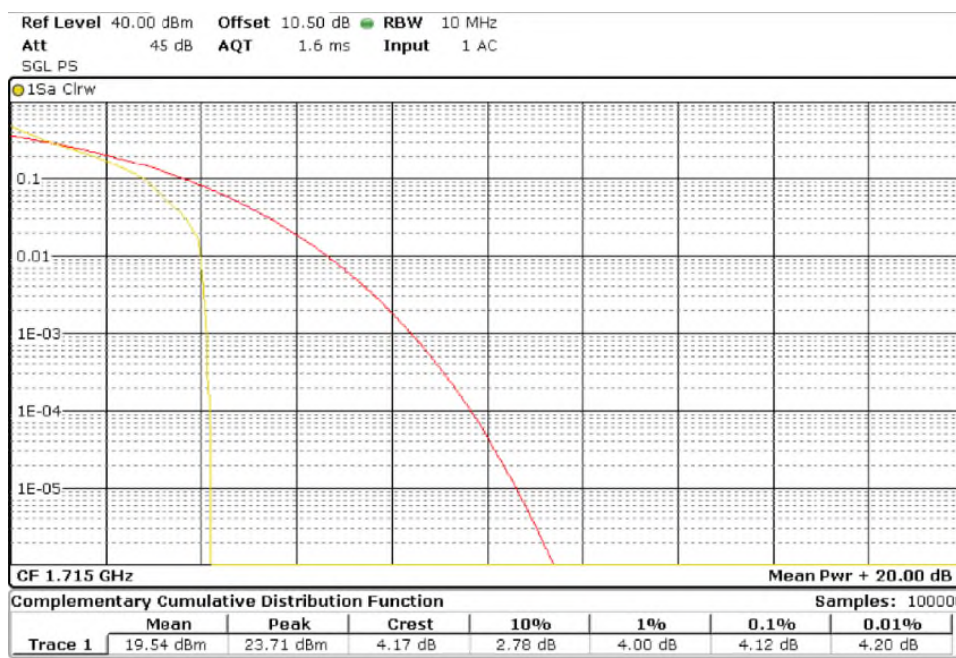


Highest channel

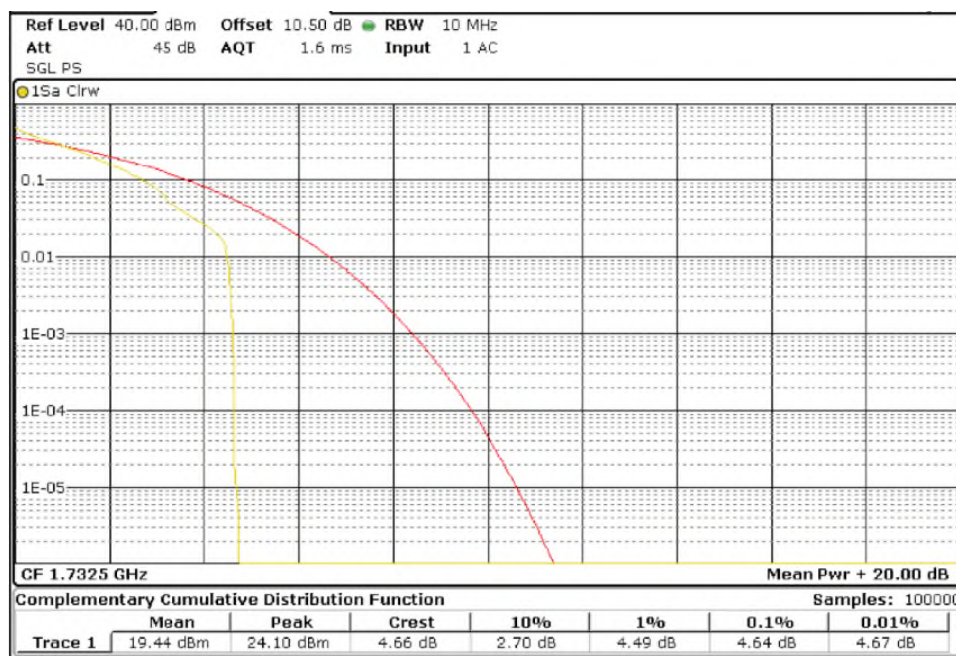


TEST RESULTS (Cont):

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

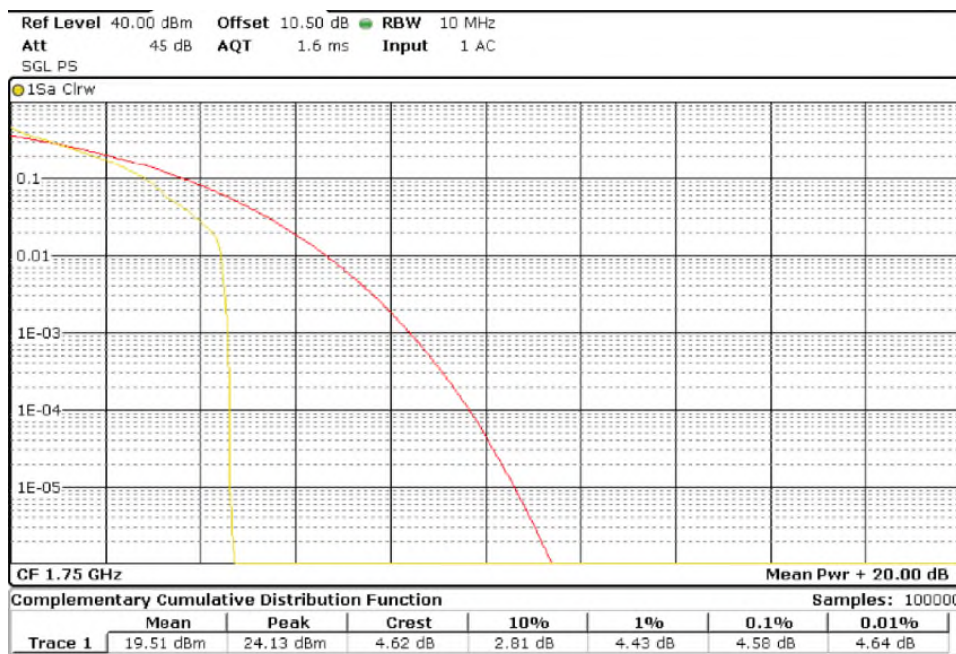


Middle channel

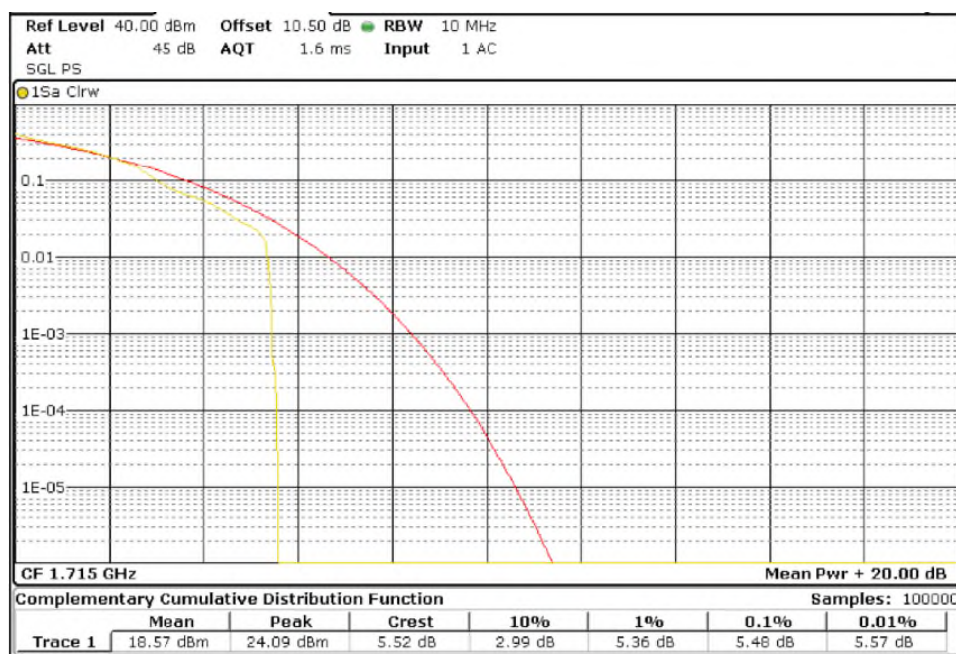


TEST RESULTS (Cont):

Highest channel

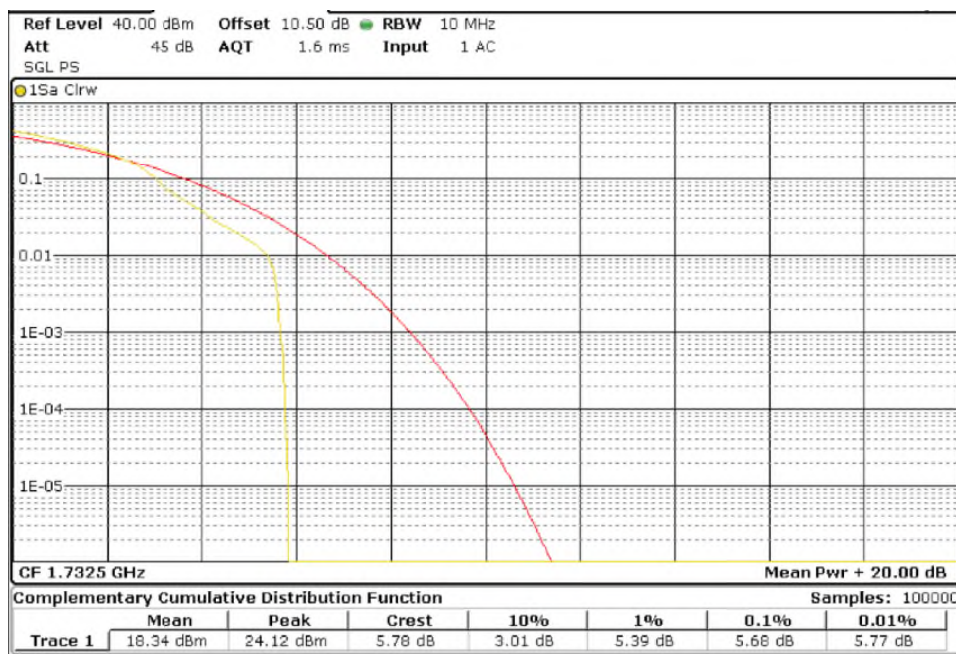


Bandwidth = 10 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.
Lowest channel

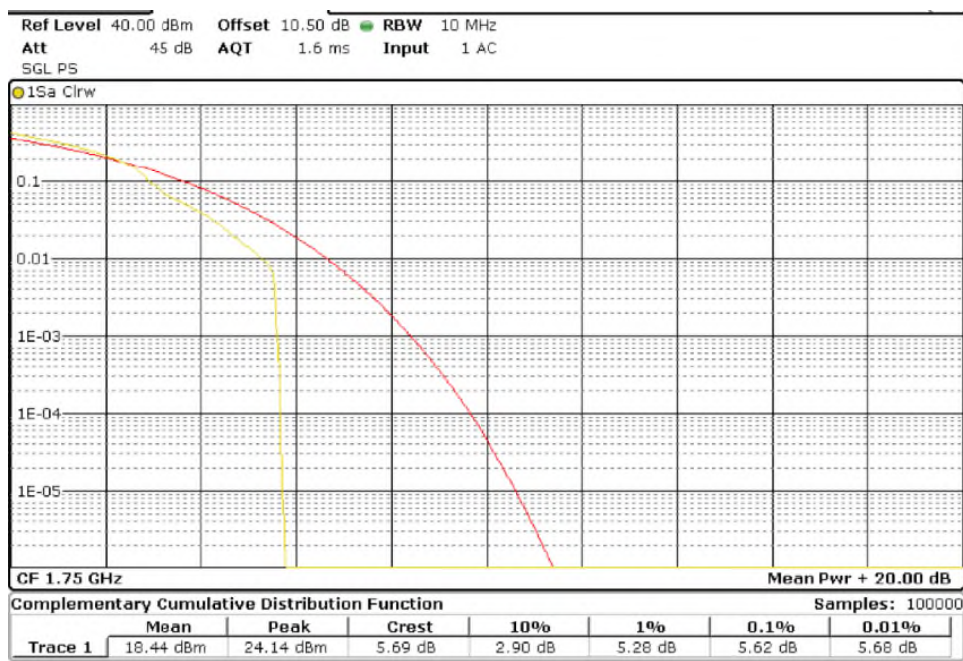


TEST RESULTS (Cont):

Middle channel



Highest channel

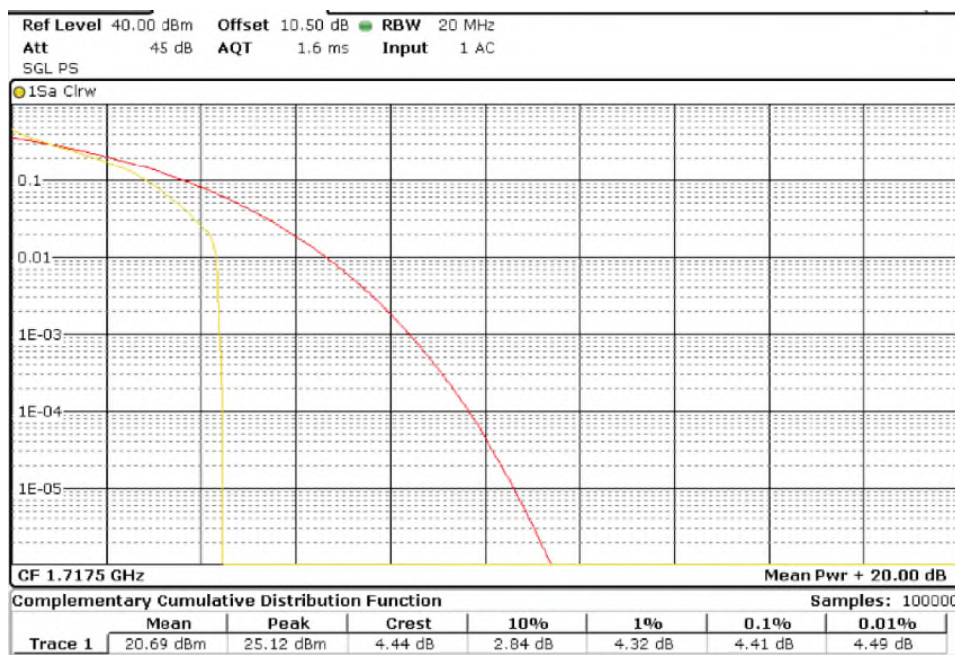


TEST RESULTS (Cont):

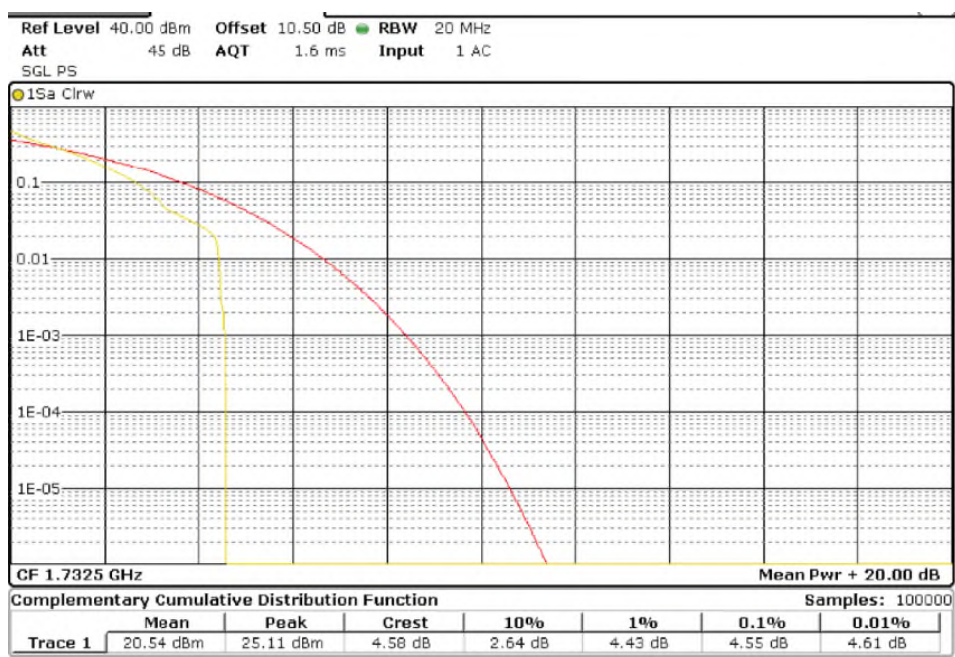
PAPR

Bandwidth = 15 MHz. Modulation QPSK. RB Size: 1. RB Offset: 0.

Lowest channel

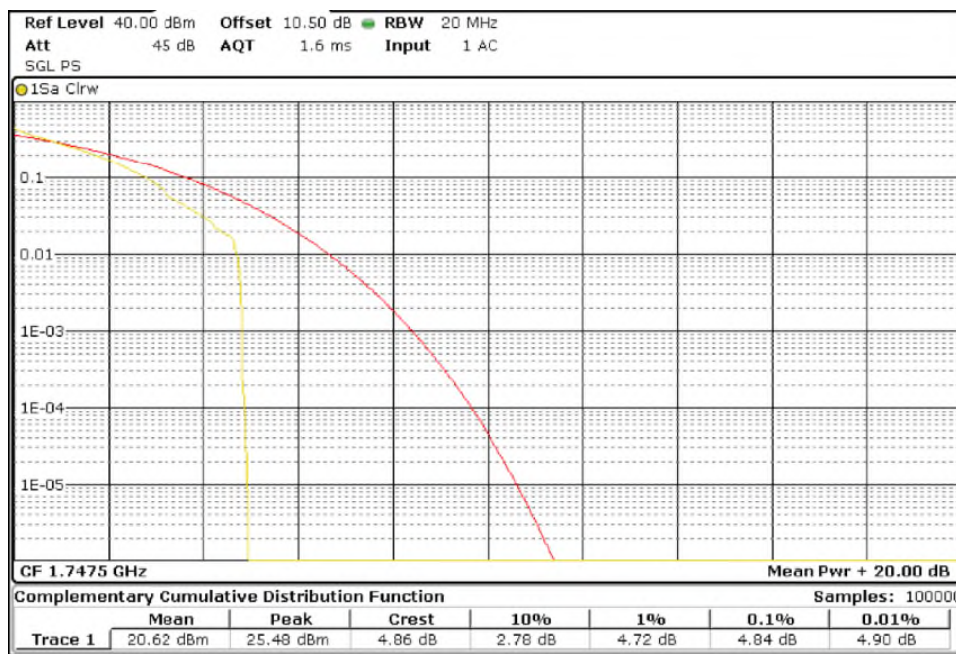


Middle channel

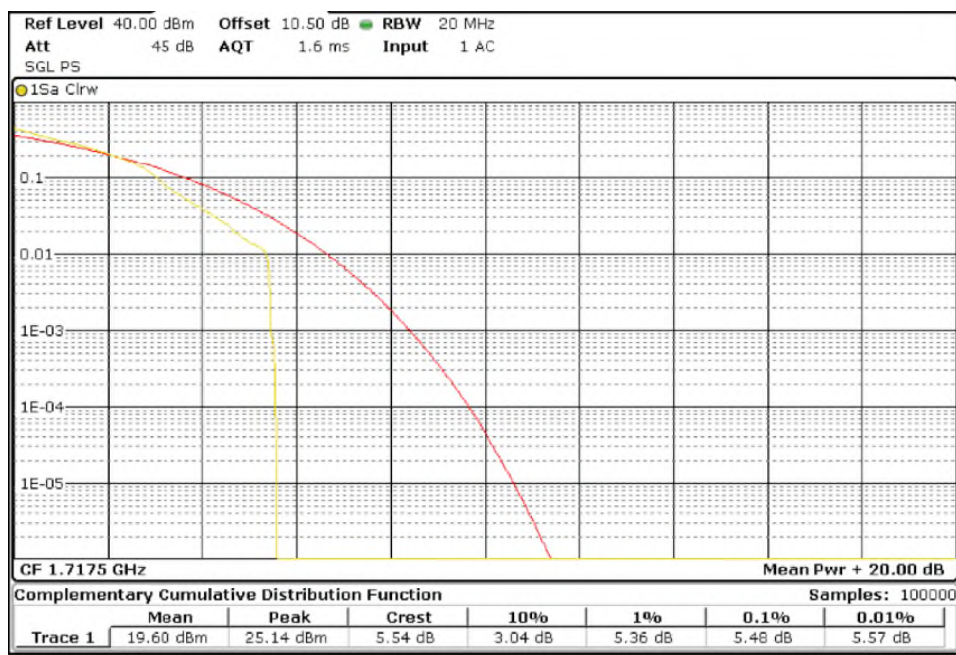


TEST RESULTS (Cont):

Highest channel



Bandwidth = 15 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.
Lowest channel

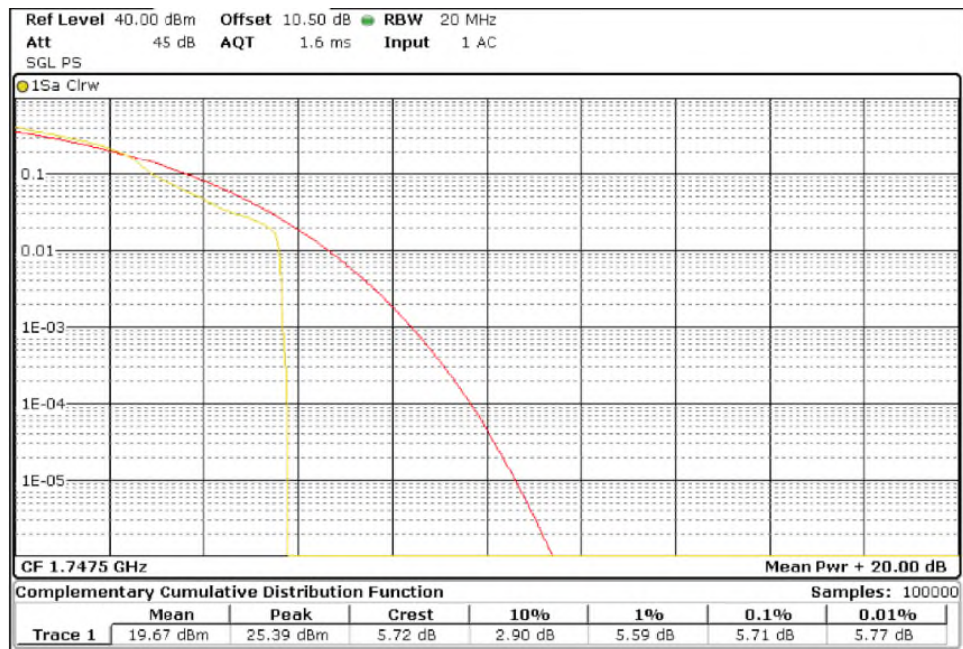


TEST RESULTS (Cont):

Middle channel

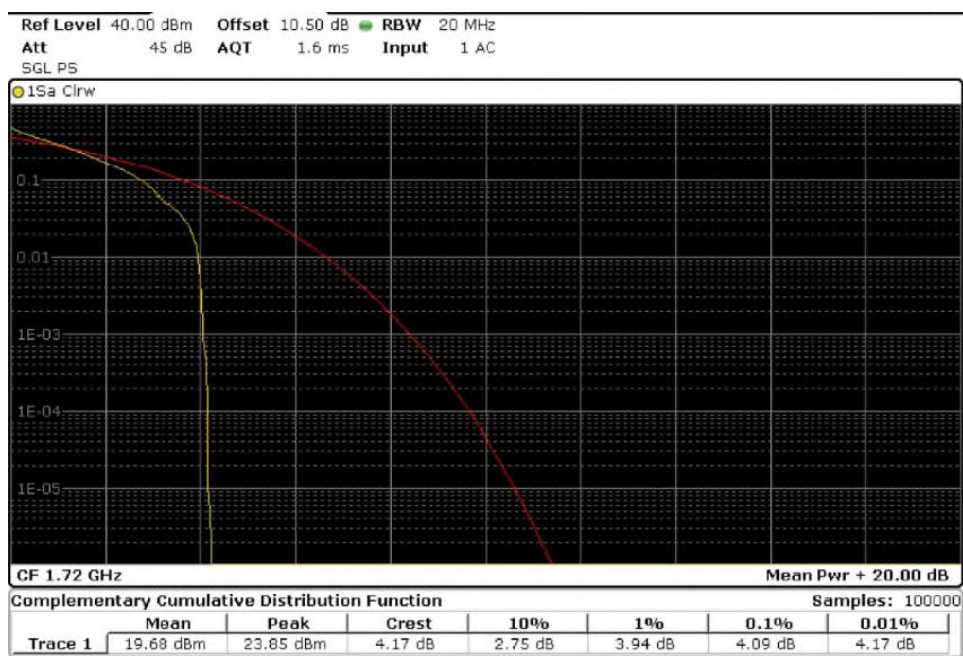


Highest channel

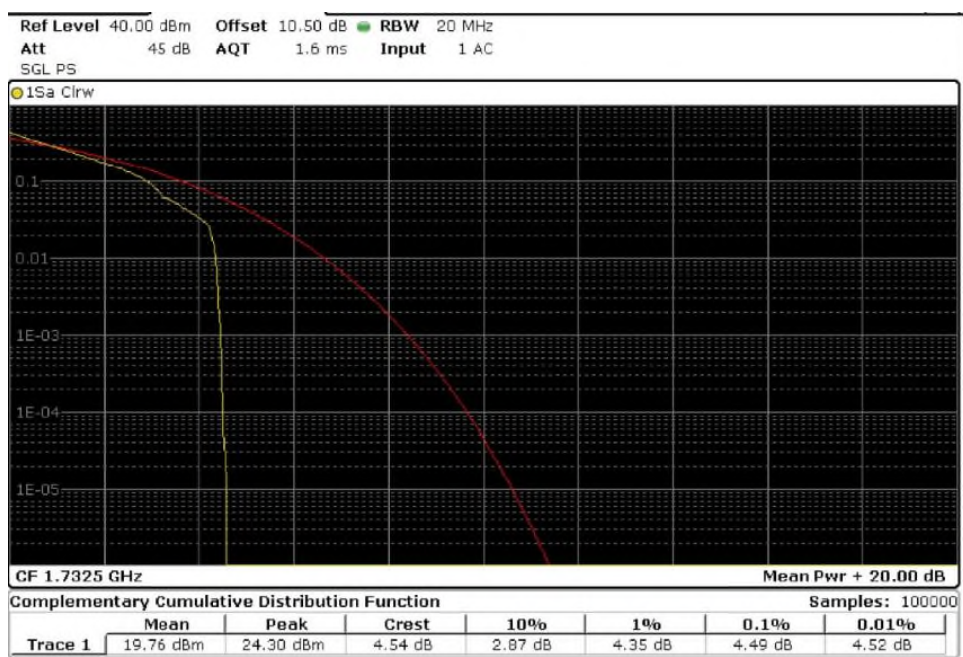


TEST RESULTS (Cont):

Bandwidth = 20 MHz. Modulation QPSK. RB Size: 1. RB Offset: 0.
Lowest channel

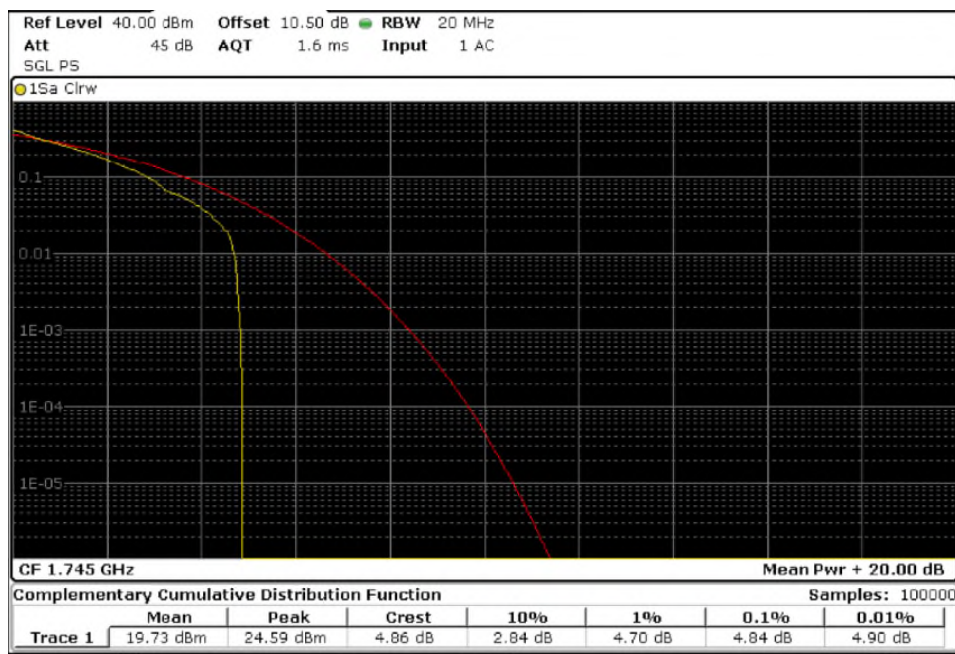


Middle channel

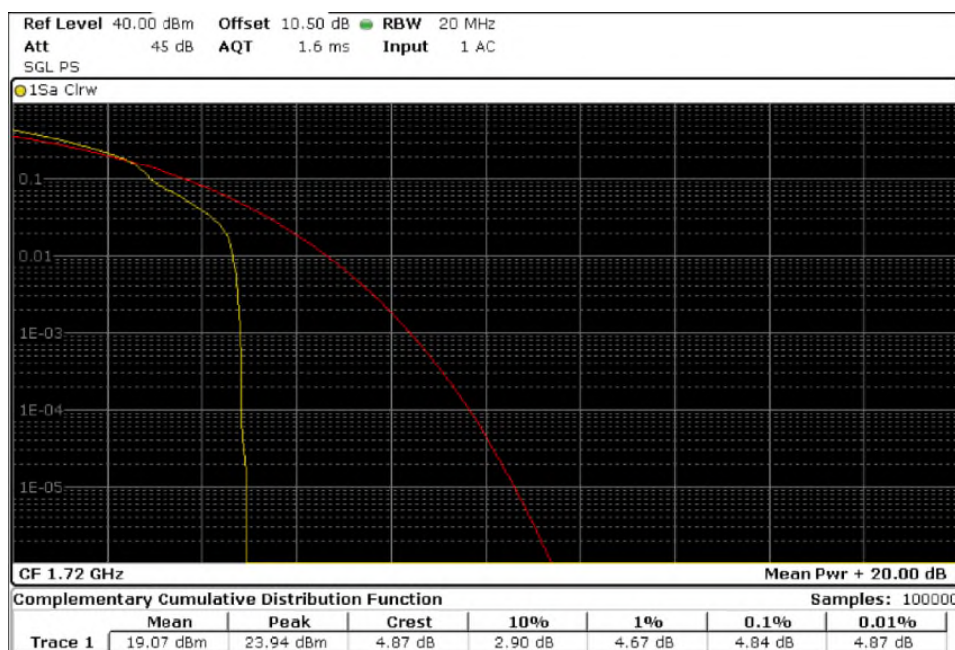


TEST RESULTS (Cont):

Highest channel

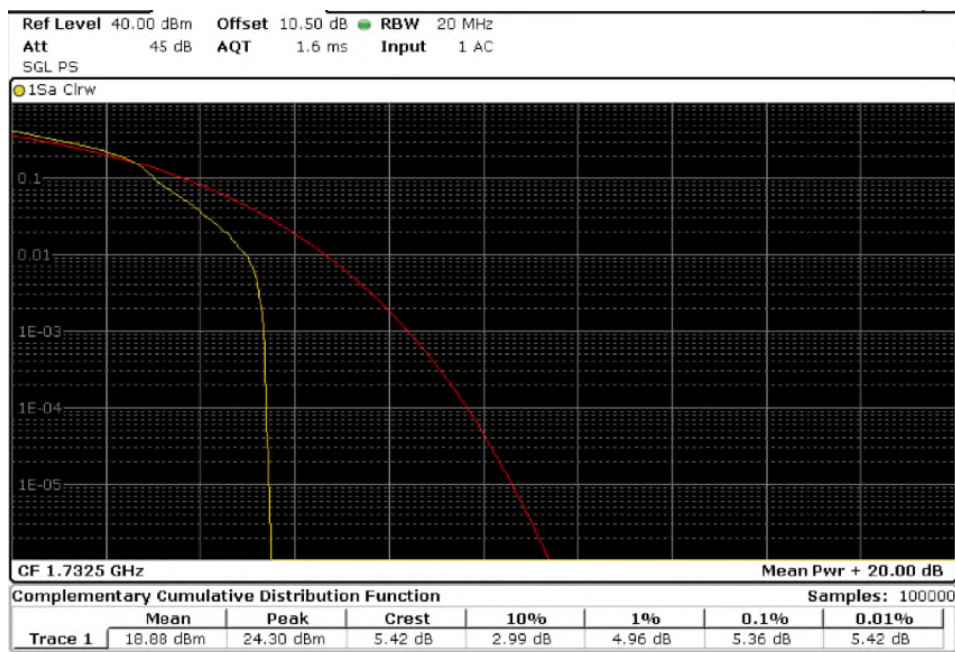


Bandwidth = 20 MHz. Modulation 16QAM. RB Size: 1. RB Offset: 0.
Lowest channel

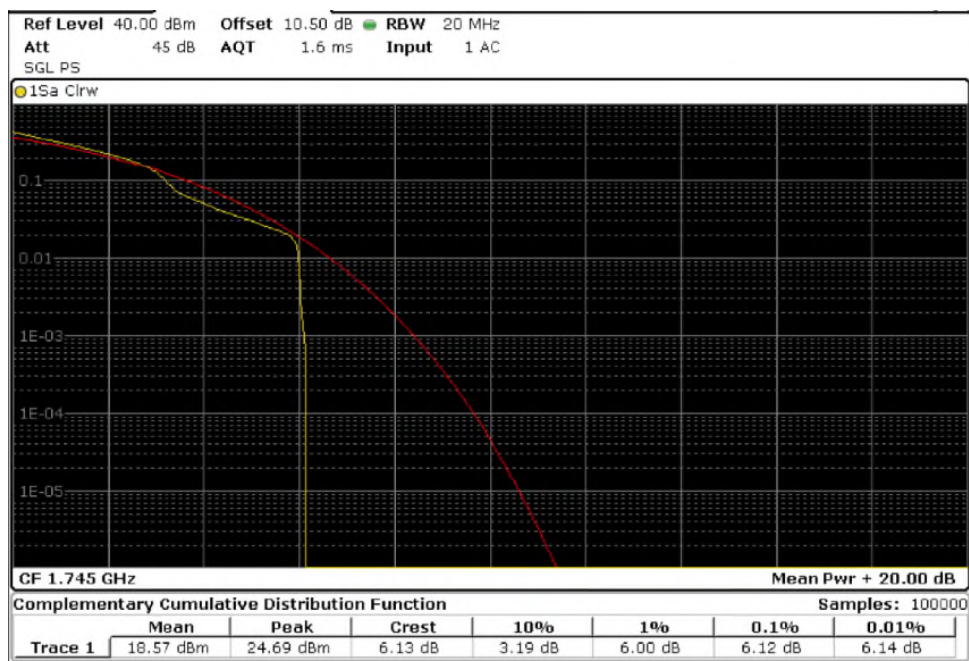


TEST RESULTS (Cont):

Middle channel



Highest channel



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (Band 7)
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	22.93	5.0	27.93	5.77
Middle	23.05	5.0	28.05	5.71
Highest	23.16	5.0	28.16	5.45

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	22.96	5.0	27.96	5.54
Middle	23.01	5.0	28.01	5.68
Highest	23.18	5.0	28.18	5.59

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	22.98	5.0	27.98	5.62
Middle	23.05	5.0	28.05	5.65
Highest	23.29	5.0	28.29	5.57

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	23.04	5.0	28.04	5.54
Middle	23.14	5.0	28.14	5.51
Highest	23.27	5.0	28.27	5.48
Measurement uncertainty (dB)			<±0.95	