



→ (B) 100% AMPLITUDE SIGNAL

→ (C) REDUCED AMPLITUDE SIGNAL

(D) = AMPLITUDE OF (B)
SIGNAL MINUS
AMPLITUDE OF (C) SIGNAL

- A -	- B -	- C -	- D -
PULSE TRAIN (if < 100ms; if >100ms use 100)	TOTAL TIME AT 100% AMPLITUDE	TOTAL TIME AT REDUCED AMPLITUDE	AMPLITUDE DIFFERENCE BETWEEN THE TWO SIGNALS
100	19.31	10.49	5.1
(ms)	(ms)	(ms)	(dB)

AMPLITUDE PERCENTAGE OF F1 VS F2	EFFECTIVE TOTAL ON-TIME OF SIGNAL AFTER ACCOUNTING FOR AMPLITUDE DIFFERENCE	DUTY CYCLE	PEAK TO AVERAGE RATIO
0.555904257	25.14143566	25.14%	-11.99
%	(ms)	(%)	(dB)

MAXIMUM AMPLITUDE PULSES

	TIME	QTY	TOTAL
Pulse Train for determining duty cycle	100 ms		ms
Length of Extra Pulse:	1.108 ms	5	5.54 ms
Length of Large Pulse	0.8082 ms	12	9.6984 ms
Length of Medium Pulse:	0.628 ms	6	3.768 ms
Length of Small Pulse:	0.2993 ms	1	0.2993 ms

TOTAL ON-TIME AT MAX. AMPLITUDE = 19.3057 ms

TOTAL PULSING TIME = 29.8 ms

**TIME AT REDUCED AMPLITUDE (total pulsing time
minus total max. amplitude on-time) = 10.4943 ms**

hp REF 100.0 dB μ V ATTEN 10 dB

MR Δ 29.80 msec
-44.90 dB

10 dB/

DL
60.0
dB μ V

MARKER Δ
29.80 msec
-44.90 dB



CORR'D

CENTER 916.494 785 MHz
RES BW 1 MHz

VBW 1 MHz

SPAN 0 Hz
SWP 100 msec

hp REF 100.0 dBμV ATTN 10 dB

MARK Δ 299.3 μsec
2.20 dB

10 dB/

DL
60.0
dBμV

MARKER Δ
299.3 μsec
2.20 dB

CORR'D

CENTER 916.494 785 MHz
RES BW 1 MHz

VBW 1 MHz

SPAN 0 Hz
SWP 29.9 msec



hp REF 100.0 dB μ V ATTEN 10 dB

MR A 628.6 μ sec
0.40 dB

10 dB/

DL
60.0
dB μ V

MARKER A
628.6 μ sec
0.40 dB



CORR'D

CENTER 916.494 785 MHz
RES BW 1 MHz

VBW 1 MHz

SPAN 0 Hz
SDF 20.0 msec

hp REF 100.0 dB μ V ATTN 10 dB

MR Δ 808.2 μ sec
0.30 dB

10 dB/

DL
60.0
dB μ V

MARKER Δ
808.2 μ sec
0.30 dB



CORR'D

CENTER 916.494 785 MHz
RES BW 1 MHz

VBW 1 MHz

SPAN 0 Hz
SWP 29.9 msec

Downloadable Program (DLP)
installed. To demo DLP, press
blue SHIFT key and enter 10 Hz.

hp REF 100.0 dB μ V ATTEN 10 dB

MCR Δ 1.108 msec
0.50 dB

10 dB/

DL
60.0
dB μ V

MARKER Δ
1.108 msec
0.50 dB

CORR'D



CENTER 916.494 785 MHz
RES BW 1 MHz

VBW 1 MHz

SPAN 8 Hz
SIF 29.9 msec

Downloadable Program (DLP)
installed. To demo DLP, press
blue SHIFT key and enter 15

hp REF 100.0 dBμV ATTEN 10 dB

MARK Δ 617.4 μsec
-5.10 dB

10 dB/

DL
60.0
dBμV

MARKER Δ
617.4 μsec
-5.10 dB

CORR'D



CENTER 916.492 004 MHz
RES BW 1 MHz

VBW 1 MHz

SPAN 0 Hz
SWP 30.9 msec