

USRP Readings

21/05 -

- 1 Tx, 1 Rx
- No obstacle
- Unmodulated
- 100kHz cosine wave
- 320k sample rate
- 2.4 G center frequency
- Same gain on both Tx and Rx

Distance (cm)	Frequency (kHz)	Tx Gain (dB)	Rx Gain (dB)	Power (dB)
105	98.76	0	0	68.38
105	98.76	10	10	48.13
105	98.58	20	20	26.00
105	98.95	30	30	15.13
165	98.95	0	0	74.38
165	98.95	0	10	65.00
165	98.95	0	20	54.50
165	98.95	0	30	45.50
165	98.76	0	40	37.63
165	98.95	10	0	68.38
165	98.76	10	10	60.50
165	98.95	10	20	50.00
165	98.76	10	30	37.25
165	98.76	10	40	26.00
165	98.76	20	0	57.50

165	98.58	20	10	47.00
165	98.58	20	20	35.00
165	98.76	20	30	25.63
165	98.76	20	40	17.38
165	98.76	30	0	56.38
165	98.58	30	10	41.75
165	98.58	30	20	31.63
165	98.58	30	30	21.13
165	98.76	30	40	15.50

