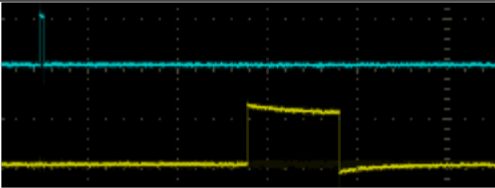
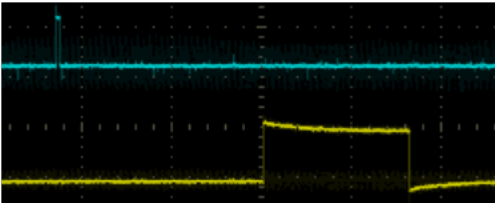
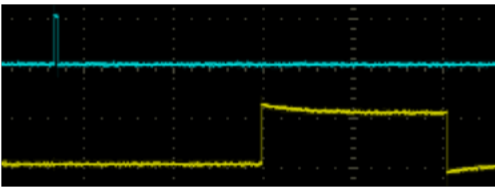
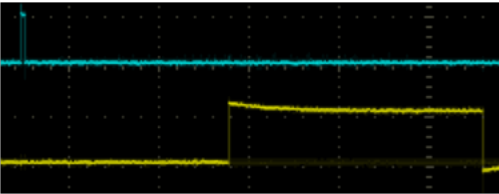
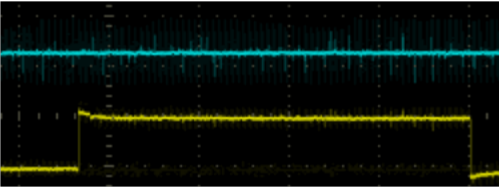
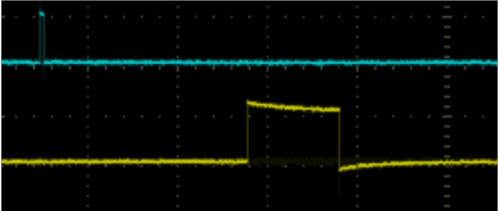
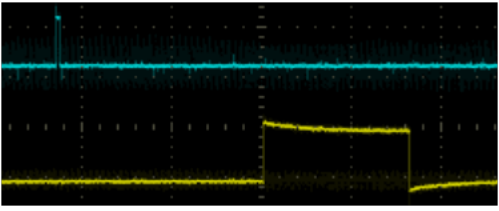
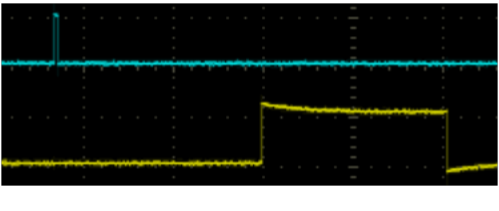


Tabel 4.3 Data pengukuran sesnor cahaya dan ultrasonik terhadap pengaturan motor DC

		Input			Output				
		Sensor Ultrasonik			Motor Kanan / Motor Kiri				
Posisi Sensor Input	Sensor Cahaya	Jarak (cm)	Gelombang	Perhitungan Jarak $= \frac{v.t}{2}$	PWM		RPM	Vin Motor	Keterangan
					Arduino	Perhitungan			
Tengah	Terdeteksi	3		3,44	40 / 40	43 / 43	107,8 / 107,8	0,85 / 0,85	Lurus Pelan
	Terdeteksi	5		5,504	40 / 40	43 / 43	107,8 / 107,8	0,85 / 0,85	Lurus Pelan
	Terdeteksi	7		7,052	80 / 80	79 / 79	189,2 / 189,2	1,5 / 1,5	Lurus Cepat

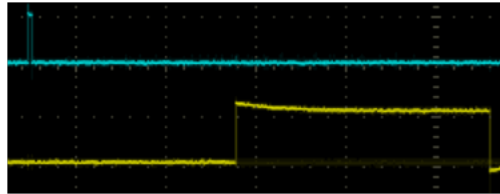
	Terdeteksi	10		9,804	80 / 80	79 / 79	189,2 / 189,2	1,5 / 1,5	Lurus Cepat
	Tidak Terdeteksi	15		14,98	0 / 0	0 / 0	0 / 0	0 / 0	Berhenti
Kanan	Terdeteksi	3		3,44	40 / 0	43 / 0	107,8 / 0	0,85 / 0	Belok Kanan Pelan
	Terdeteksi	5		5,504	40 / 0	43 / 0	107,8 / 0	0,85 / 0	Belok Kanan Pelan
	Terdeteksi	7		7,052	80 / 60	79 / 61	189,2 / 159,5	1,5 / 1,2	Belok Kanan Cepat

	Terdeteksi	10		9,804	80 / 60	79 / 61	189,2 / 159,5	1,5 / 1,2	Belok Kanan Cepat
	Tidak Terdeteksi	15		14,98	0 / 0	0 / 0	0 / 0	0 / 0	Berhenti
Kiri	Terdeteksi	3		3,44	0 / 40	0 / 43	0 / 107,8	0 / 0,85	Belok Kiri Pelan
	Terdeteksi	5		5,504	0 / 40	0 / 43	0 / 107,8	0 / 0,85	Belok Kiri Pelan
	Terdeteksi	7		7,052	60 / 80	61 / 79	159,5 / 189,2	1,2 / 1,5	Belok Kiri Cepat

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Terdeteks  
i

10



9,804

60 / 80

61 / 79

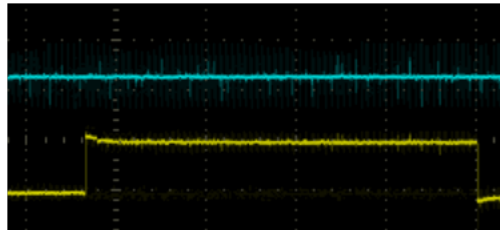
159,5 /  
189,2

1,2 / 1,5

Belok  
Kiri  
Cepat

Tidak  
Terdeteks  
i

15



14,98

0 / 0

0 / 0

0 / 0

0 / 0

Berhenti