

RF Switch SPDT

VSWA2-63DR+

Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS				RF FREQ (MHz)	ISOLATION							
	VDD=+3V (dB)		VDD=+5V (dB)			VDD=+3V (dB)		VDD=+5V (dB)		VDD=+3V (dB)		VDD=+5V (dB)	
	RF COM-RF1	RF COM-RF2	RF COM-RF1	RF COM-RF2		RF COM-RF1	RF COM-RF2	RF COM-RF1	RF COM-RF2	RF1-RF2 State LOW*	RF1-RF2 State HIGH*	RF1-RF2 State LOW*	RF1-RF2 State HIGH*
0.3	0.87	0.88	0.86	0.86	0.3	88.66	99.00	89.65	89.93	103.84	93.40	87.91	92.90
0.5	0.90	0.90	0.90	0.89	0.5	96.22	97.27	93.19	92.84	94.19	89.91	92.70	86.59
1.0	0.90	0.89	0.91	0.89	1.0	108.36	100.23	98.89	101.81	101.08	110.13	95.93	106.23
5.0	0.89	0.86	0.91	0.86	5.0	86.99	79.30	90.21	81.62	80.92	87.16	83.46	88.15
10.0	0.88	0.83	0.90	0.84	10.0	82.21	73.18	84.33	74.69	74.47	82.88	75.65	85.82
50.0	0.91	0.83	0.92	0.84	50.0	74.88	60.17	75.61	61.25	61.49	74.64	62.50	75.83
100.0	0.91	0.83	0.93	0.85	100.0	70.60	58.46	71.24	58.97	59.93	69.51	60.39	70.28
200.0	0.92	0.84	0.94	0.86	200.0	69.14	59.86	69.61	60.18	61.63	66.17	61.75	66.61
300.0	0.93	0.85	0.94	0.87	300.0	68.79	61.18	69.09	61.47	62.09	63.81	62.14	64.38
400.0	0.93	0.86	0.95	0.88	400.0	68.93	61.94	69.07	62.21	61.21	62.00	61.20	62.48
500.0	0.94	0.87	0.96	0.89	500.0	69.44	62.60	69.48	62.81	59.82	60.36	59.89	60.85
600.0	0.95	0.88	0.97	0.91	600.0	69.16	62.64	69.18	62.84	58.35	58.85	58.40	59.34
700.0	0.96	0.89	0.98	0.92	700.0	69.23	62.78	69.06	62.91	57.16	57.70	57.24	58.12
800.0	0.96	0.90	0.98	0.92	800.0	69.67	62.66	69.06	62.76	56.08	56.66	56.15	57.07
900.0	0.96	0.90	0.97	0.91	900.0	70.09	62.68	69.45	62.77	55.08	55.67	55.16	56.05
1000.0	0.97	0.91	0.98	0.92	1000.0	70.44	62.61	69.72	62.69	54.22	54.80	54.29	55.21
1200.0	0.99	0.94	1.01	0.96	1200.0	71.00	62.29	69.15	62.03	52.79	53.28	52.85	53.71
1500.0	1.03	0.99	1.05	1.02	1500.0	73.24	62.11	70.68	61.73	50.86	51.27	51.00	51.59
1700.0	1.05	1.00	1.07	1.03	1700.0	78.96	62.42	73.04	61.84	49.74	50.06	49.83	50.38
2000.0	1.09	1.04	1.13	1.08	2000.0	74.87	64.61	79.90	64.20	48.13	48.67	48.15	48.72
2200.0	1.13	1.07	1.16	1.10	2200.0	70.18	64.16	69.96	63.52	47.40	47.86	47.46	48.01
2500.0	1.16	1.10	1.20	1.14	2500.0	64.32	60.98	63.58	60.17	46.47	46.77	46.54	46.90
2700.0	1.18	1.12	1.22	1.17	2700.0	61.66	58.96	61.22	58.56	45.85	45.98	45.84	46.07
3000.0	1.22	1.16	1.28	1.21	3000.0	61.35	57.26	62.47	56.94	44.76	44.60	44.70	44.45
3200.0	1.21	1.14	1.25	1.18	3200.0	58.20	55.31	57.60	55.00	44.21	44.21	44.21	44.12
3500.0	1.21	1.14	1.25	1.19	3500.0	56.58	53.41	56.54	52.90	43.31	43.24	43.28	43.09
3700.0	1.21	1.14	1.25	1.18	3700.0	54.63	52.04	53.88	51.48	42.83	42.71	42.79	42.56
4000.0	1.25	1.16	1.30	1.21	4000.0	52.54	50.50	51.81	50.15	42.07	41.90	41.96	41.66
4200.0	1.26	1.17	1.31	1.22	4200.0	50.91	49.70	50.22	49.14	41.79	41.38	41.70	41.11
4500.0	1.33	1.24	1.37	1.27	4500.0	50.59	48.83	49.74	48.14	41.31	40.61	41.15	40.25
4700.0	1.35	1.25	1.38	1.28	4700.0	49.47	48.11	48.91	47.37	41.17	40.24	40.93	39.89
5000.0	1.43	1.33	1.43	1.33	5000.0	49.00	46.66	47.58	46.01	40.83	39.64	40.52	39.21
5200.0	1.47	1.36	1.46	1.36	5200.0	49.58	45.75	48.16	45.32	40.59	39.47	40.29	38.96
5500.0	1.45	1.37	1.43	1.35	5500.0	50.57	44.72	48.55	44.04	40.05	39.43	39.79	38.81
5700.0	1.45	1.38	1.41	1.35	5700.0	50.68	44.07	48.40	43.28	39.59	39.35	39.34	38.70
6000.0	1.44	1.40	1.39	1.36	6000.0	51.38	44.33	48.09	43.04	38.96	39.22	38.72	38.55

***Note**

State of Control Voltage	RF Common to	
	RF1	RF2
LOW	ON	OFF
HIGH	OFF	ON

ON - Low insertion loss state
OFF - Isolation state



RF Switch SPDT

VSWA2-63DR+

Typical Performance Data

RF FREQ (MHz)	VSWR (:1)								RF FREQ (MHz)	VSWR (:1)			
	VDD=+3V				VDD=+5V					VDD=+3V		VDD=+5V	
	RF COM State LOW*	RF COM State HIGH*	RF1 State LOW*	RF2 State HIGH*	RF COM State LOW*	RF COM State HIGH*	RF1 State LOW*	RF2 State HIGH*		RF1 State HIGH*	RF2 State LOW*	RF1 State HIGH*	RF2 State LOW*
0.3	1.20	1.20	1.20	1.20	1.21	1.21	1.21	1.21	500.0	1.84	1.87	1.86	1.89
0.5	1.20	1.20	1.20	1.20	1.21	1.21	1.21	1.21	600.0	1.80	1.83	1.82	1.85
1.0	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	700.0	1.78	1.80	1.80	1.83
5.0	1.19	1.18	1.19	1.18	1.19	1.18	1.19	1.18	800.0	1.77	1.80	1.79	1.82
10.0	1.17	1.18	1.17	1.18	1.18	1.18	1.18	1.18	900.0	1.77	1.79	1.79	1.82
50.0	1.16	1.18	1.16	1.18	1.16	1.18	1.16	1.18	1000.0	1.77	1.80	1.79	1.83
100.0	1.16	1.18	1.16	1.18	1.16	1.19	1.16	1.19	1200.0	1.78	1.80	1.80	1.83
200.0	1.16	1.19	1.16	1.18	1.17	1.19	1.17	1.19	1500.0	1.80	1.83	1.83	1.86
300.0	1.16	1.19	1.16	1.18	1.17	1.19	1.16	1.19	1700.0	1.82	1.85	1.85	1.89
400.0	1.17	1.19	1.16	1.18	1.18	1.20	1.16	1.19	2000.0	1.84	1.88	1.87	1.92
500.0	1.17	1.20	1.16	1.18	1.18	1.20	1.16	1.19	2200.0	1.85	1.89	1.89	1.93
600.0	1.18	1.20	1.16	1.18	1.19	1.21	1.16	1.18	2500.0	1.86	1.89	1.90	1.93
700.0	1.19	1.21	1.15	1.18	1.19	1.21	1.16	1.18	2700.0	1.85	1.88	1.89	1.92
800.0	1.19	1.21	1.15	1.17	1.19	1.21	1.16	1.18	3000.0	1.82	1.84	1.86	1.89
900.0	1.19	1.21	1.15	1.17	1.19	1.21	1.15	1.17	3200.0	1.78	1.80	1.83	1.85
1000.0	1.19	1.21	1.15	1.17	1.20	1.22	1.15	1.17	3500.0	1.71	1.73	1.75	1.78
1200.0	1.19	1.21	1.14	1.16	1.19	1.21	1.15	1.16	3700.0	1.65	1.67	1.70	1.72
1500.0	1.19	1.21	1.16	1.17	1.20	1.21	1.17	1.18	4000.0	1.56	1.58	1.61	1.63
1700.0	1.21	1.21	1.20	1.21	1.22	1.22	1.21	1.22	4200.0	1.50	1.51	1.54	1.56
2000.0	1.25	1.25	1.28	1.29	1.28	1.27	1.30	1.31	4500.0	1.41	1.41	1.45	1.46
2200.0	1.30	1.30	1.36	1.36	1.32	1.32	1.38	1.39	4700.0	1.35	1.35	1.39	1.40
2500.0	1.36	1.36	1.46	1.47	1.39	1.38	1.49	1.50	5000.0	1.26	1.27	1.30	1.32
2700.0	1.40	1.39	1.52	1.52	1.43	1.42	1.55	1.56	5200.0	1.22	1.24	1.25	1.28
3000.0	1.42	1.41	1.55	1.55	1.47	1.45	1.59	1.59	5500.0	1.16	1.19	1.20	1.24
3200.0	1.40	1.38	1.55	1.54	1.44	1.42	1.59	1.59	5700.0	1.13	1.17	1.17	1.22
3500.0	1.36	1.35	1.49	1.49	1.41	1.39	1.53	1.54	6000.0	1.10	1.17	1.14	1.22
3700.0	1.33	1.32	1.43	1.43	1.38	1.36	1.48	1.48					
4000.0	1.34	1.33	1.37	1.35	1.38	1.36	1.41	1.40					
4200.0	1.37	1.36	1.35	1.32	1.40	1.38	1.39	1.36					
4500.0	1.44	1.43	1.35	1.30	1.45	1.43	1.37	1.32					
4700.0	1.48	1.47	1.36	1.31	1.50	1.47	1.38	1.32					
5000.0	1.50	1.48	1.39	1.32	1.50	1.47	1.39	1.32					
5200.0	1.52	1.49	1.40	1.32	1.52	1.48	1.40	1.32					
5500.0	1.53	1.51	1.39	1.32	1.52	1.49	1.39	1.31					
5700.0	1.52	1.50	1.37	1.29	1.50	1.48	1.36	1.29					
6000.0	1.48	1.48	1.32	1.27	1.44	1.44	1.31	1.27					

***Note**

State of Control Voltage	RF Common to	
	RF1	RF2
LOW	ON	OFF
HIGH	OFF	ON

ON - Low insertion loss state
OFF - Isolation state

RF Switch SPDT

VSWA2-63DR+

Typical Performance Data

RF FREQ (MHz)	INPUT IP3				DC Current vs Repetition Rate			RF FREQ (MHz)	INPUT 1dB COMPRESSION	
	VDD=+3V (dBm)		VDD =+5V (dBm)		IDD (micro A)				VDD=+3V (dBm)	VDD =+5V (dBm)
	RF COM-RF1	RF COM-RF2	RF COM-RF1	RF COM-RF2	Typ.				Pin	Pin
					Rep Rate (MHz)	VDD=+3V	VDD=+5V			
500.0	48.68	48.14	52.14	51.26	0.0005	0.8	6.4	500.0	24.52	30.90
700.0	47.74	47.96	50.23	50.23	1.0	62.5	93.8	600.0	23.99	30.51
900.0	46.29	45.98	50.14	49.78	2.0	121.3	176.0	700.0	24.29	30.86
1000.0	46.09	45.75	50.44	50.05	3.0	175.3	252.5	800.0	23.99	30.59
1250.0	45.26	45.10	49.31	49.06	4.0	233.5	334.0	900.0	23.84	30.39
1500.0	45.12	44.89	49.65	49.35	5.0	282.5	409.3	1000.0	23.86	30.51
1750.0	44.62	44.46	49.20	48.88	6.0	319.0	462.0	1100.0	23.86	30.53
2000.0	43.65	43.55	47.62	47.78	7.0	386.5	559.5	1200.0	23.77	30.58
2500.0	42.40	42.22	46.94	47.01	8.0	432.8	614.8	1300.0	24.58	30.95
3000.0	40.70	40.68	45.78	45.68	9.0	491.0	729.5	1400.0	24.46	30.75
3500.0	38.61	38.61	43.12	43.33	10.0	540.5	776.8	1500.0	24.36	30.92
4000.0	38.09	38.20	42.75	43.01				1600.0	24.41	31.02
4500.0	35.62	35.98	40.94	41.53				1700.0	24.56	31.37
5000.0	36.21	36.61	40.71	41.32				1800.0	24.27	31.07
5500.0	33.90	34.19	38.28	38.96				1900.0	24.17	30.97
6000.0	34.14	34.38	39.72	40.31				2000.0	24.70	31.29
								2250.0	23.80	29.86
								2500.0	23.65	29.78
								2750.0	23.42	29.71
								3000.0	22.64	29.22
								3250.0	21.99	28.40
								3500.0	22.15	28.31
								3750.0	22.26	28.17
								4000.0	22.00	27.80
								4250.0	21.09	27.36
								4500.0	19.90	26.68
								4750.0	20.31	26.60
								5000.0	20.84	26.87
								5250.0	21.02	26.80
								5500.0	20.85	26.92
								5750.0	21.15	27.43
								6000.0	21.01	27.32

Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS @ VDD=+5V OVER TEMPERATURE						RF FREQ (MHz)	ISOLATION @ VDD=+5V OVER TEMPERATURE											
	RF COM-RF1 (dB)			RF COM-RF2 (dB)				RF COM-RF1 (dB)			RF COM-RF2 (dB)			RF1-RF2 (ON1) (dB)			RF1-RF2 (ON2) (dB)		
														State LOW*			State HIGH*		
	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C		-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C
0.3	0.56	0.75	0.83	0.55	0.73	0.81	0.3	114.38	103.15	115.23	99.44	89.97	100.82	101.92	95.87	91.16	106.53	114.92	93.32
0.5	0.56	0.75	0.83	0.56	0.72	0.81	0.5	111.04	109.99	102.14	105.42	96.46	97.30	108.02	100.24	92.77	102.89	102.75	109.94
1.0	0.57	0.76	0.84	0.57	0.73	0.82	1.0	105.33	101.91	101.32	103.86	98.76	92.11	107.16	96.99	92.04	108.97	103.86	104.47
5.0	0.59	0.77	0.85	0.56	0.71	0.80	5.0	88.99	90.50	90.90	83.47	82.25	81.01	83.35	83.21	81.69	88.63	89.64	91.09
10.0	0.61	0.77	0.85	0.57	0.71	0.79	10.0	79.77	81.92	83.52	74.96	74.34	74.02	75.07	75.63	74.96	80.09	82.34	83.26
50.0	0.67	0.80	0.85	0.57	0.71	0.79	50.0	77.90	77.19	76.54	61.43	60.87	60.74	62.44	62.27	62.27	78.26	77.34	76.93
100.0	0.67	0.80	0.86	0.57	0.72	0.80	100.0	71.75	71.84	71.72	57.72	58.23	58.85	58.78	59.65	60.42	70.77	71.40	71.31
200.0	0.69	0.82	0.88	0.58	0.74	0.82	200.0	70.32	70.24	70.21	58.19	59.36	60.30	59.73	61.12	62.24	67.86	68.07	68.32
300.0	0.69	0.83	0.90	0.59	0.76	0.85	300.0	69.36	70.06	69.70	59.62	60.78	61.82	61.22	62.35	63.25	65.62	66.14	66.40
400.0	0.69	0.84	0.92	0.59	0.77	0.87	400.0	69.64	69.97	70.02	60.53	61.73	62.39	61.91	62.72	63.19	64.32	64.58	64.70
500.0	0.69	0.85	0.93	0.60	0.78	0.89	500.0	68.84	69.64	69.93	61.19	62.22	62.84	61.54	61.89	61.95	63.29	63.06	63.19
600.0	0.69	0.85	0.94	0.60	0.79	0.90	600.0	70.18	70.53	70.18	62.22	63.03	63.61	60.83	60.98	60.75	61.44	61.72	61.67
700.0	0.69	0.86	0.96	0.61	0.81	0.92	700.0	70.83	70.93	71.18	62.91	63.47	63.43	60.05	59.97	59.93	60.26	60.53	60.61
800.0	0.69	0.87	0.97	0.62	0.82	0.94	800.0	69.27	70.40	69.80	64.34	64.27	64.08	59.12	59.14	58.75	59.65	59.57	59.58
900.0	0.69	0.89	0.99	0.62	0.83	0.95	900.0	71.95	72.66	71.72	64.31	64.12	63.50	58.18	58.06	57.87	58.27	58.56	58.65
1000.0	0.70	0.90	1.00	0.63	0.85	0.97	1000.0	71.58	74.07	71.80	65.13	63.73	63.63	57.15	57.35	56.97	57.48	57.50	57.79
1200.0	0.71	0.92	1.03	0.65	0.88	1.01	1200.0	74.51	75.55	74.72	66.25	64.39	62.97	55.80	55.66	55.71	55.81	56.05	56.20
1500.0	0.73	0.97	1.09	0.68	0.93	1.07	1500.0	74.28	80.61	76.49	67.00	64.35	62.77	53.98	54.04	53.97	53.68	54.03	54.07
1700.0	0.75	0.99	1.13	0.71	0.96	1.11	1700.0	68.23	75.16	80.20	68.73	65.33	62.72	52.65	52.81	53.04	52.13	52.61	52.82
2000.0	0.77	1.03	1.17	0.73	1.00	1.16	2000.0	67.45	73.04	76.95	67.74	65.42	63.97	51.09	51.37	51.43	50.97	51.18	51.49
2200.0	0.81	1.08	1.20	0.76	1.04	1.17	2200.0	62.91	68.48	70.37	64.88	64.98	61.66	50.51	50.68	51.16	49.72	50.34	50.23
2500.0	0.84	1.13	1.25	0.79	1.09	1.22	2500.0	60.94	63.49	64.71	62.89	62.33	63.91	49.02	49.71	49.62	49.46	49.54	49.90
2700.0	0.89	1.18	1.29	0.86	1.13	1.27	2700.0	57.46	61.67	66.90	60.17	61.63	61.46	48.67	48.94	49.09	48.99	48.63	49.14
3000.0	0.96	1.22	1.36	0.92	1.18	1.34	3000.0	57.98	59.31	62.38	56.63	59.26	58.88	48.05	48.27	48.68	47.08	47.63	47.93
3200.0	0.93	1.22	1.36	0.88	1.17	1.33	3200.0	56.21	57.76	59.54	55.71	58.34	58.40	47.22	47.60	47.78	46.36	47.13	46.83
3500.0	0.94	1.23	1.37	0.91	1.20	1.36	3500.0	56.90	56.26	59.15	52.68	56.69	56.29	46.14	46.44	47.07	45.10	45.80	45.53
3700.0	0.93	1.22	1.38	0.88	1.19	1.36	3700.0	52.49	55.21	54.36	54.74	54.40	60.01	45.26	46.13	46.29	44.67	45.49	45.16
4000.0	0.93	1.22	1.40	0.90	1.21	1.40	4000.0	53.45	54.51	55.04	51.21	53.61	55.24	45.41	45.35	45.62	44.41	44.66	45.05
4200.0	0.88	1.23	1.42	0.87	1.21	1.41	4200.0	51.70	53.41	51.92	51.71	53.35	61.44	44.48	45.04	45.05	43.79	44.01	44.02
4500.0	0.92	1.27	1.45	0.90	1.24	1.44	4500.0	53.18	51.76	54.38	50.33	52.90	52.46	43.85	44.52	44.54	43.56	43.63	43.95
4700.0	0.94	1.33	1.52	0.91	1.30	1.49	4700.0	50.63	49.95	52.40	49.10	52.02	54.83	43.61	44.28	44.75	42.92	43.05	42.76
5000.0	1.08	1.45	1.66	1.03	1.42	1.63	5000.0	46.65	50.23	48.38	52.01	52.20	52.22	43.62	44.18	44.66	42.16	42.41	42.65
5200.0	1.09	1.50	1.73	1.10	1.49	1.72	5200.0	48.86	50.35	50.09	48.78	51.42	51.17	43.68	43.73	44.18	42.16	42.04	41.91
5500.0	1.13	1.55	1.77	1.15	1.54	1.77	5500.0	50.24	50.56	52.69	50.01	50.55	50.21	43.61	43.51	43.94	41.52	41.72	41.52
5700.0	1.07	1.51	1.77	1.11	1.51	1.80	5700.0	49.56	50.77	50.84	47.72	49.74	51.45	43.46	43.03	43.38	41.56	41.28	41.24
6000.0	1.03	1.47	1.74	1.10	1.50	1.82	6000.0	48.67	50.89	51.40	46.62	49.04	50.54	42.79	42.21	42.31	41.12	40.77	41.00

***Note**

State of Control Voltage	RF Common to	
	RF1	RF2
LOW	ON	OFF
HIGH	OFF	ON

ON - Low insertion loss state
OFF - Isolation state

RF Switch SPDT

VSWA2-63DR+

Typical Performance Data

RF FREQ (MHz)	VSWR @ VDD=+5V OVER TEMPERATURE (:1)												RF FREQ (MHz)	VSWR @ VDD=+5V OVER TEMPERATURE (:1)					
	RF COM			RF COM			RF1			RF2				RF1			RF2		
	State LOW*			State HIGH*			State LOW*			State HIGH*				State HIGH*			State LOW*		
	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C	-55°C	+25°C	+100°C		-55°C	+25°C	+100°C	-55°C	+25°C	+100°C
0.3	1.13	1.17	1.20	1.14	1.17	1.19	1.13	1.17	1.20	1.14	1.17	1.19	500.0	1.59	1.70	1.84	1.57	1.69	1.83
0.5	1.13	1.18	1.20	1.13	1.17	1.19	1.14	1.18	1.20	1.13	1.17	1.19	600.0	1.51	1.65	1.79	1.49	1.63	1.78
1.0	1.14	1.18	1.20	1.13	1.17	1.19	1.14	1.18	1.21	1.13	1.17	1.19	700.0	1.46	1.61	1.76	1.44	1.59	1.75
5.0	1.13	1.18	1.20	1.13	1.16	1.19	1.14	1.18	1.20	1.13	1.16	1.19	800.0	1.42	1.59	1.75	1.41	1.57	1.73
10.0	1.14	1.17	1.19	1.15	1.18	1.20	1.14	1.18	1.20	1.14	1.18	1.20	900.0	1.40	1.57	1.74	1.38	1.55	1.71
50.0	1.11	1.14	1.17	1.13	1.16	1.19	1.11	1.15	1.17	1.13	1.16	1.19	1000.0	1.39	1.57	1.74	1.36	1.54	1.71
100.0	1.10	1.14	1.17	1.13	1.16	1.19	1.11	1.14	1.16	1.13	1.16	1.18	1200.0	1.37	1.56	1.73	1.34	1.53	1.70
200.0	1.10	1.13	1.16	1.12	1.16	1.18	1.10	1.13	1.16	1.12	1.15	1.17	1500.0	1.36	1.56	1.74	1.34	1.53	1.71
300.0	1.10	1.14	1.16	1.13	1.16	1.18	1.09	1.13	1.15	1.11	1.14	1.17	1700.0	1.37	1.57	1.75	1.33	1.54	1.71
400.0	1.11	1.15	1.17	1.13	1.17	1.19	1.09	1.12	1.15	1.11	1.14	1.16	2000.0	1.38	1.59	1.76	1.35	1.55	1.71
500.0	1.12	1.16	1.19	1.14	1.18	1.21	1.08	1.12	1.14	1.10	1.13	1.16	2200.0	1.39	1.59	1.76	1.37	1.56	1.73
600.0	1.13	1.17	1.21	1.16	1.19	1.23	1.08	1.12	1.14	1.09	1.13	1.15	2500.0	1.42	1.61	1.76	1.38	1.57	1.73
700.0	1.14	1.18	1.22	1.17	1.21	1.24	1.08	1.11	1.14	1.09	1.12	1.14	2700.0	1.42	1.61	1.76	1.41	1.58	1.73
800.0	1.16	1.20	1.23	1.18	1.22	1.25	1.07	1.10	1.13	1.08	1.11	1.13	3000.0	1.43	1.60	1.72	1.42	1.58	1.70
900.0	1.17	1.21	1.24	1.20	1.24	1.27	1.06	1.09	1.12	1.07	1.10	1.12	3200.0	1.45	1.60	1.71	1.42	1.57	1.70
1000.0	1.18	1.23	1.26	1.22	1.26	1.29	1.06	1.09	1.11	1.06	1.09	1.11	3500.0	1.44	1.56	1.65	1.42	1.54	1.63
1200.0	1.21	1.25	1.28	1.25	1.29	1.31	1.03	1.06	1.09	1.03	1.06	1.08	3700.0	1.46	1.55	1.63	1.43	1.52	1.60
1500.0	1.25	1.30	1.32	1.29	1.33	1.35	1.04	1.05	1.08	1.03	1.04	1.07	4000.0	1.45	1.49	1.55	1.42	1.48	1.53
1700.0	1.27	1.31	1.33	1.31	1.35	1.37	1.10	1.10	1.11	1.09	1.08	1.09	4200.0	1.45	1.47	1.51	1.41	1.44	1.47
2000.0	1.33	1.36	1.38	1.35	1.38	1.40	1.22	1.21	1.22	1.20	1.19	1.19	4500.0	1.45	1.42	1.43	1.42	1.39	1.40
2200.0	1.40	1.41	1.43	1.40	1.42	1.43	1.29	1.29	1.29	1.26	1.26	1.26	4700.0	1.44	1.38	1.38	1.39	1.36	1.34
2500.0	1.48	1.48	1.48	1.46	1.47	1.47	1.43	1.42	1.41	1.39	1.39	1.38	5000.0	1.45	1.35	1.33	1.40	1.31	1.27
2700.0	1.55	1.53	1.51	1.54	1.51	1.50	1.52	1.50	1.48	1.50	1.47	1.46	5200.0	1.42	1.31	1.26	1.41	1.28	1.23
3000.0	1.58	1.54	1.50	1.57	1.52	1.49	1.60	1.58	1.54	1.59	1.56	1.53	5500.0	1.44	1.29	1.23	1.40	1.24	1.18
3200.0	1.57	1.52	1.47	1.54	1.49	1.46	1.64	1.61	1.58	1.61	1.59	1.57	5700.0	1.42	1.25	1.17	1.40	1.23	1.15
3500.0	1.49	1.45	1.40	1.47	1.44	1.40	1.55	1.54	1.50	1.53	1.53	1.51	6000.0	1.42	1.23	1.14	1.38	1.20	1.10
3700.0	1.44	1.40	1.37	1.42	1.39	1.37	1.50	1.48	1.44	1.48	1.46	1.45							
4000.0	1.41	1.37	1.36	1.39	1.37	1.37	1.41	1.38	1.34	1.37	1.37	1.35							
4200.0	1.39	1.38	1.39	1.39	1.39	1.39	1.39	1.35	1.32	1.36	1.33	1.31							
4500.0	1.42	1.45	1.47	1.44	1.46	1.47	1.42	1.39	1.36	1.39	1.35	1.33							
4700.0	1.49	1.52	1.55	1.49	1.53	1.55	1.47	1.43	1.40	1.42	1.41	1.37							
5000.0	1.60	1.65	1.65	1.60	1.65	1.65	1.59	1.55	1.52	1.54	1.50	1.45							
5200.0	1.64	1.68	1.69	1.66	1.69	1.68	1.61	1.57	1.53	1.58	1.52	1.47							
5500.0	1.69	1.72	1.73	1.71	1.71	1.71	1.65	1.58	1.56	1.60	1.52	1.47							
5700.0	1.69	1.70	1.73	1.73	1.71	1.72	1.60	1.54	1.52	1.58	1.50	1.46							
6000.0	1.61	1.63	1.66	1.66	1.66	1.67	1.56	1.49	1.47	1.53	1.46	1.42							

***Note**

State of Control Voltage	RF Common to		
	RF1		RF2
LOW	ON		OFF
HIGH	OFF		ON

ON - Low insertion loss state
OFF - Isolation state