

















8. APPENDIX H: DUTY CYCLE

8.1 TEST RESULT

8.1.1 FULL RU FOR 11AX MODE

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	0.67	0.68	98.53
	Ant2	2412	0.66	0.68	97.06
	Ant1	2437	0.66	0.68	97.06
	Ant2	2437	0.66	0.68	97.06
	Ant1	2462	0.67	0.68	98.53
	Ant2	2462	0.66	0.68	97.06
11G	Ant1	2412	2.10	2.12	99.06
	Ant2	2412	2.10	2.12	99.06
	Ant1	2417	2.09	2.11	99.05
	Ant2	2417	2.10	2.11	99.53
	Ant1	2422	2.10	2.12	99.06
	Ant2	2422	2.10	2.12	99.06
	Ant1	2437	2.10	2.12	99.06
	Ant2	2437	2.10	2.12	99.06
	Ant1	2452	2.10	2.12	99.06
	Ant2	2452	2.10	2.11	99.53
	Ant1	2457	2.10	2.12	99.06
	Ant2	2457	2.09	2.11	99.05
	Ant1	2462	2.10	2.12	99.06
	Ant2	2462	2.10	2.12	99.06
11N20SISO	Ant1	2412	5.43	5.45	99.63
	Ant2	2412	20.00	20.00	100.00
	Ant1	2417	20.00	20.00	100.00
	Ant2	2417	5.43	5.45	99.63
	Ant1	2422	20.00	20.00	100.00
	Ant2	2422	20.00	20.00	100.00
	Ant1	2437	20.00	20.00	100.00
	Ant2	2437	20.00	20.00	100.00
	Ant1	2452	5.43	5.45	99.63
	Ant2	2452	20.00	20.00	100.00
	Ant1	2457	5.43	5.45	99.63
	Ant2	2457	5.43	5.45	99.63
	Ant1	2462	20.00	20.00	100.00
	Ant2	2462	20.00	20.00	100.00
11N40SISO	Ant1	2422	5.43	5.45	99.63
	Ant2	2422	20.00	20.00	100.00
	Ant1	2427	20.00	20.00	100.00
	Ant2	2427	20.00	20.00	100.00
	Ant1	2437	5.43	5.45	99.63
	Ant2	2437	5.43	5.45	99.63
	Ant1	2447	20.00	20.00	100.00
	Ant2	2447	20.00	20.00	100.00
	Ant1	2452	5.43	5.45	99.63
	Ant2	2452	20.00	20.00	100.00

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11AX20SISO	Ant1	2412	20.00	20.00	100.00
	Ant2	2412	20.00	20.00	100.00
	Ant1	2417	20.00	20.00	100.00
	Ant2	2417	5.45	5.47	99.63
	Ant1	2422	20.00	20.00	100.00
	Ant2	2422	20.00	20.00	100.00
	Ant1	2437	20.00	20.00	100.00
	Ant2	2437	20.00	20.00	100.00
	Ant1	2452	20.00	20.00	100.00
	Ant2	2452	20.00	20.00	100.00
	Ant1	2457	20.00	20.00	100.00
	Ant2	2457	20.00	20.00	100.00
11AX40SISO	Ant1	2462	20.00	20.00	100.00
	Ant2	2462	20.00	20.00	100.00
	Ant1	2422	20.00	20.00	100.00
	Ant2	2422	20.00	20.00	100.00
	Ant1	2427	20.00	20.00	100.00
	Ant2	2427	20.00	20.00	100.00
	Ant1	2437	20.00	20.00	100.00
	Ant2	2437	20.00	20.00	100.00
11B-CDD	Ant1	2447	20.00	20.00	100.00
	Ant2	2447	20.00	20.00	100.00
	Ant1	2452	20.00	20.00	100.00
	Ant2	2452	20.00	20.00	100.00
	Ant1	2412	1.36	1.38	98.55
	Ant2	2412	1.37	1.38	99.28
11G-CDD	Ant1	2437	1.37	1.38	99.28
	Ant2	2437	1.36	1.38	98.55
	Ant1	2462	1.36	1.38	98.55
	Ant2	2462	1.36	1.38	98.55
	Ant1	2412	2.10	2.11	99.53
	Ant2	2412	2.10	2.11	99.53
	Ant1	2417	2.10	2.12	99.06
	Ant2	2417	2.09	2.11	99.05
	Ant1	2422	2.09	2.11	99.05
	Ant2	2422	2.09	2.11	99.05
	Ant1	2437	2.10	2.11	99.53
	Ant2	2437	2.10	2.12	99.06
	Ant1	2452	2.10	2.11	99.53
	Ant2	2452	2.10	2.11	99.53
Ant1	2457	2.10	2.12	99.06	
Ant2	2457	2.10	2.12	99.06	
Ant1	2462	2.10	2.12	99.06	
Ant2	2462	2.10	2.12	99.06	

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11N20MIMO	Ant1	2412	6.02	6.30	95.56
	Ant2	2412	6.02	6.15	97.89
	Ant1	2417	6.02	6.30	95.56
	Ant2	2417	6.01	6.14	97.88
	Ant1	2422	6.01	6.14	97.88
	Ant2	2422	6.02	6.14	98.05
	Ant1	2437	6.01	6.31	95.25
	Ant2	2437	6.01	6.30	95.40
	Ant1	2452	6.01	6.30	95.40
	Ant2	2452	6.01	6.13	98.04
	Ant1	2457	6.02	6.32	95.25
	Ant2	2457	6.00	6.13	97.88
	Ant1	2462	6.01	6.31	95.25
	Ant2	2462	6.01	6.14	97.88
11N40MIMO	Ant1	2422	2.72	2.74	99.27
	Ant2	2422	2.73	2.75	99.27
	Ant1	2427	2.73	2.74	99.64
	Ant2	2427	2.72	2.74	99.27
	Ant1	2437	2.72	2.74	99.27
	Ant2	2437	2.72	2.74	99.27
	Ant1	2447	2.72	2.74	99.27
	Ant2	2447	2.73	2.75	99.27
	Ant1	2452	2.73	2.75	99.27
	Ant2	2452	2.73	2.74	99.64
11AX20MIMO	Ant1	2412	20.00	20.00	100.00
	Ant2	2412	5.45	5.47	99.63
	Ant1	2417	5.45	5.47	99.63
	Ant2	2417	20.00	20.00	100.00
	Ant1	2422	20.00	20.00	100.00
	Ant2	2422	20.00	20.00	100.00
	Ant1	2437	5.45	5.47	99.63
	Ant2	2437	20.00	20.00	100.00
	Ant1	2452	20.00	20.00	100.00
	Ant2	2452	5.45	5.47	99.63
	Ant1	2457	5.45	5.47	99.63
	Ant2	2457	5.45	5.47	99.63
	Ant1	2462	20.00	20.00	100.00
	Ant2	2462	5.45	5.47	99.63
11AX40MIMO	Ant1	2422	20.00	20.00	100.00
	Ant2	2422	20.00	20.00	100.00
	Ant1	2427	20.00	20.00	100.00
	Ant2	2427	5.45	5.47	99.63
	Ant1	2437	20.00	20.00	100.00
	Ant2	2437	20.00	20.00	100.00
	Ant1	2447	20.00	20.00	100.00
	Ant2	2447	20.00	20.00	100.00
	Ant1	2452	5.45	5.47	99.63
	Ant2	2452	20.00	20.00	100.00

8.1.2 PARTIAL RU FOR 11AX MODE

Test Mode	Antenna	Frequency [MHz]	RuSize	RuIndex	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11AX20SISO	Ant1	2412	26Tone	RU0	5.07	5.11	99.22
			52Tone	RU37	4.55	4.59	99.13
			106Tone	RU53	4.27	4.31	99.07
	Ant2	2412	26Tone	RU0	5.07	5.11	99.22
			52Tone	RU37	4.55	4.59	99.13
			106Tone	RU53	4.28	4.32	99.07
	Ant1	2437	26Tone	RU0	5.08	5.12	99.22
			52Tone	RU37	4.55	4.59	99.13
			106Tone	RU53	4.27	4.31	99.07
	Ant2	2437	26Tone	RU0	5.07	5.11	99.22
			52Tone	RU37	4.55	4.59	99.13
			106Tone	RU53	4.28	4.32	99.07
	Ant1	2462	26Tone	RU0	4.56	4.60	99.13
			52Tone	RU37	4.55	4.59	99.13
			106Tone	RU53	4.27	4.31	99.07
	Ant2	2462	26Tone	RU0	4.56	4.61	98.92
			52Tone	RU37	4.55	4.59	99.13
			106Tone	RU53	4.27	4.31	99.07
11AX40SISO	Ant1	2422	242Tone	RU61	2.73	2.76	98.91
	Ant2	2422	242Tone	RU61	2.73	2.76	98.91
	Ant1	2437	242Tone	RU61	2.73	2.76	98.91
	Ant2	2437	242Tone	RU61	2.73	2.76	98.91
	Ant1	2452	242Tone	RU61	2.46	2.49	98.80
	Ant2	2452	242Tone	RU61	2.46	2.49	98.80
11AX20MIMO	Ant1	2412	26Tone	RU0	5.08	5.12	99.22
			52Tone	RU37	4.55	4.59	99.13
			106Tone	RU53	4.28	4.32	99.07
	Ant2	2412	26Tone	RU0	5.08	5.12	99.22
			52Tone	RU37	4.55	4.59	99.13
			106Tone	RU53	4.27	4.31	99.07
	Ant1	2437	26Tone	RU0	5.07	5.11	99.22
			52Tone	RU37	4.55	4.60	98.91
			106Tone	RU53	4.29	4.32	99.31
	Ant2	2437	26Tone	RU0	5.07	5.11	99.22
			52Tone	RU37	4.55	4.59	99.13
			106Tone	RU53	4.27	4.31	99.07
	Ant1	2462	26Tone	RU0	4.57	4.61	99.13
			52Tone	RU37	4.56	4.60	99.13
			106Tone	RU53	4.27	4.32	98.84
	Ant2	2462	26Tone	RU0	4.56	4.60	99.13
			52Tone	RU37	4.55	4.59	99.13
			106Tone	RU53	4.27	4.31	99.07
11AX40MIMO	Ant1	2422	242Tone	RU61	2.73	2.76	98.91
	Ant2	2422	242Tone	RU61	2.73	2.76	98.91
	Ant1	2437	242Tone	RU61	2.73	2.76	98.91
	Ant2	2437	242Tone	RU61	2.73	2.76	98.91
	Ant1	2452	242Tone	RU61	2.46	2.49	98.80
	Ant2	2452	242Tone	RU61	2.45	2.48	98.79

8.2 TEST GRAPHS

8.2.1 FULL RU FOR 11AX MODE





























