

APPENDIX A: 20DB BANDWIDTH

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW [MHz]
DH5	Ant1	2402	0.951
		2441	0.939
		2480	0.942
2DH5	Ant1	2402	1.332
		2441	1.326
		2480	1.329
3DH5	Ant1	2402	1.314
		2441	1.296
		2480	1.323

Test Graphs

DH5_Ant1_2402



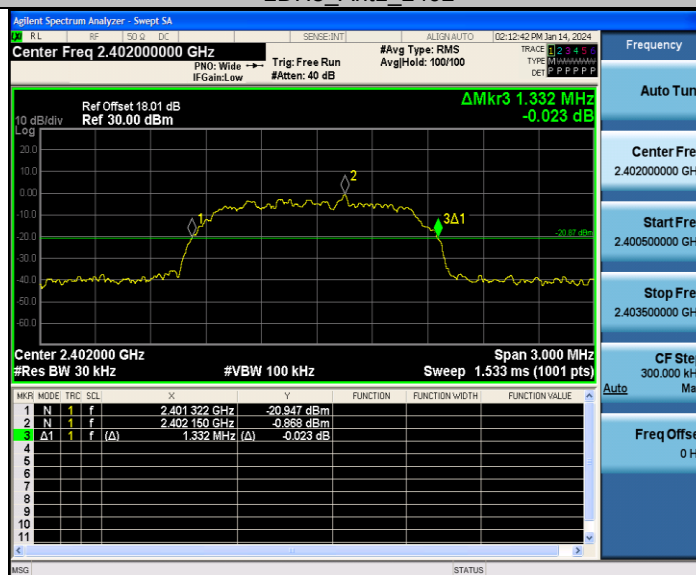
DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402



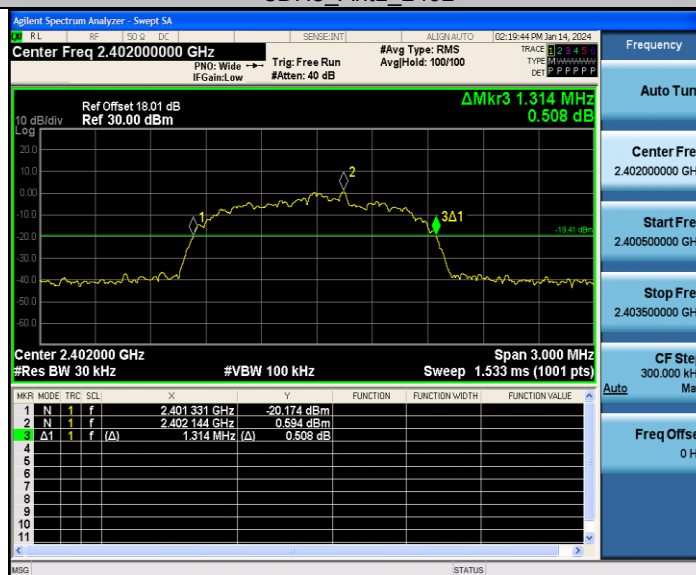
2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



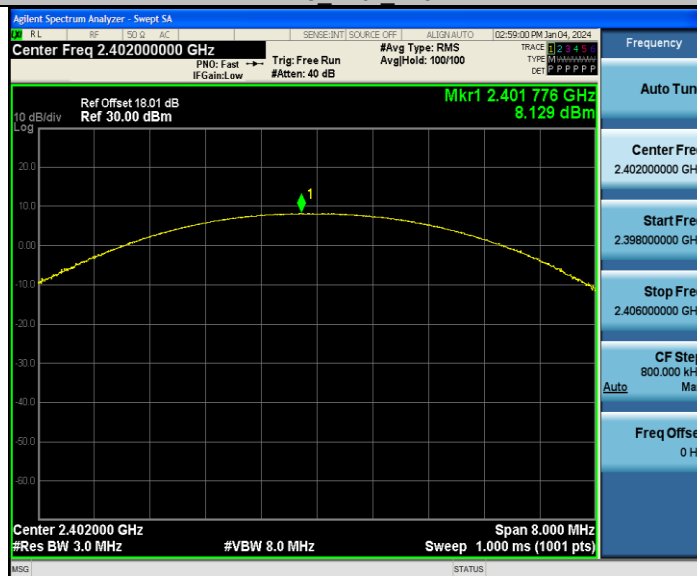
APPENDIX B: MAXIMUM CONDUCTED OUTPUT POWER

Test Result Peak

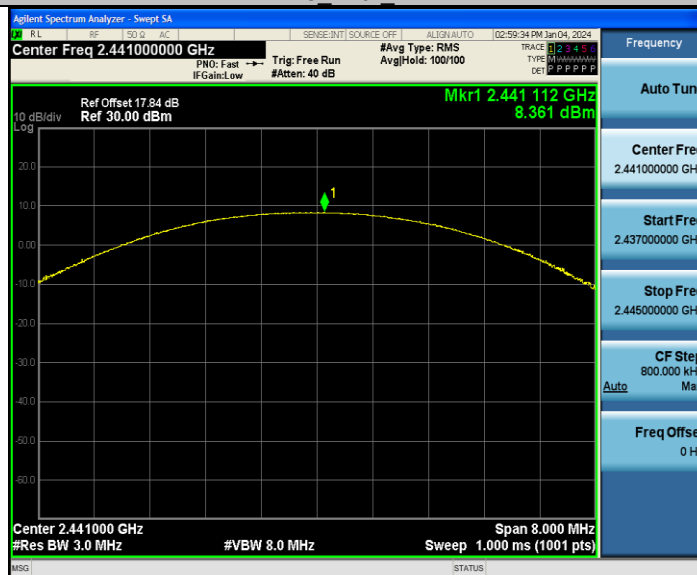
Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	8.13	≤30	PASS
		2441	8.36	≤30	PASS
		2480	9.26	≤30	PASS
2DH5	Ant1	2402	7.58	≤20.97	PASS
		2441	7.76	≤20.97	PASS
		2480	8.67	≤20.97	PASS
3DH5	Ant1	2402	7.94	≤20.97	PASS
		2441	8.15	≤20.97	PASS
		2480	9.29	≤20.97	PASS

Test Graphs

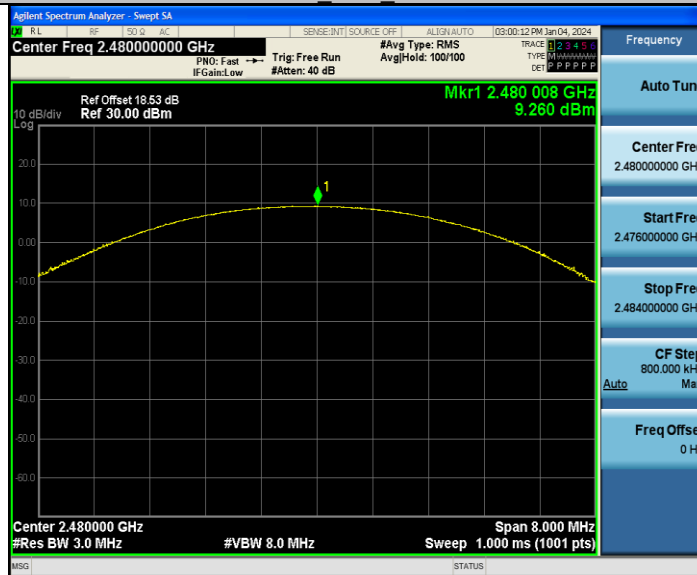
DH5_Ant1_2402



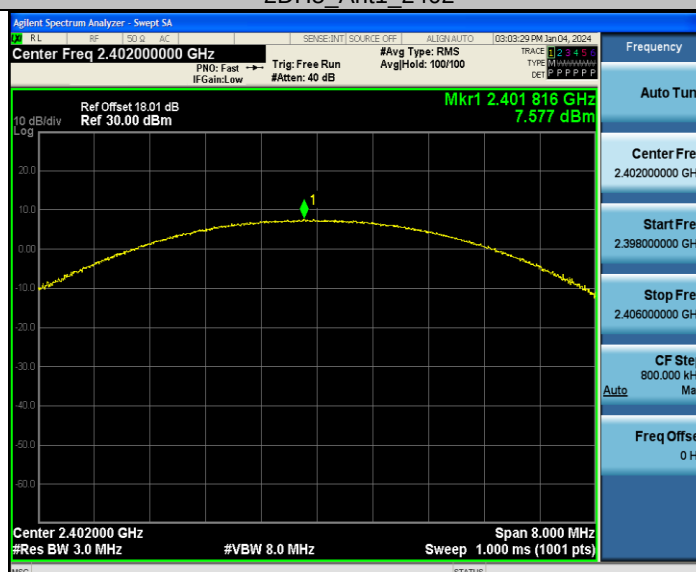
DH5_Ant1_2441



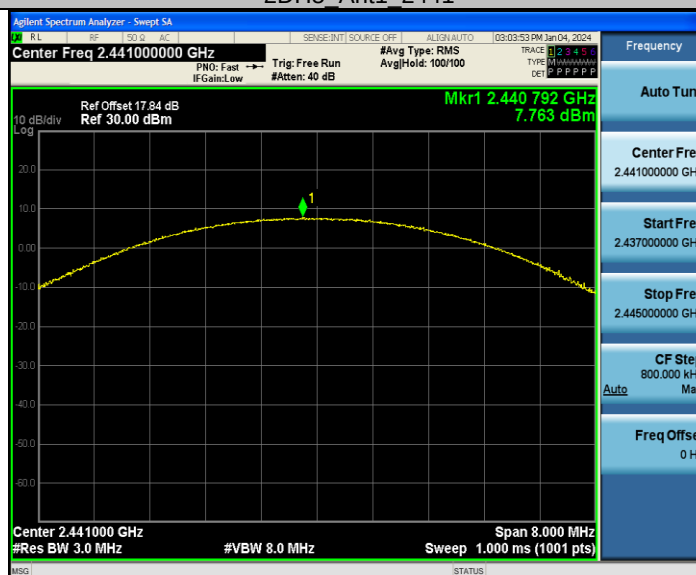
DH5_Ant1_2480



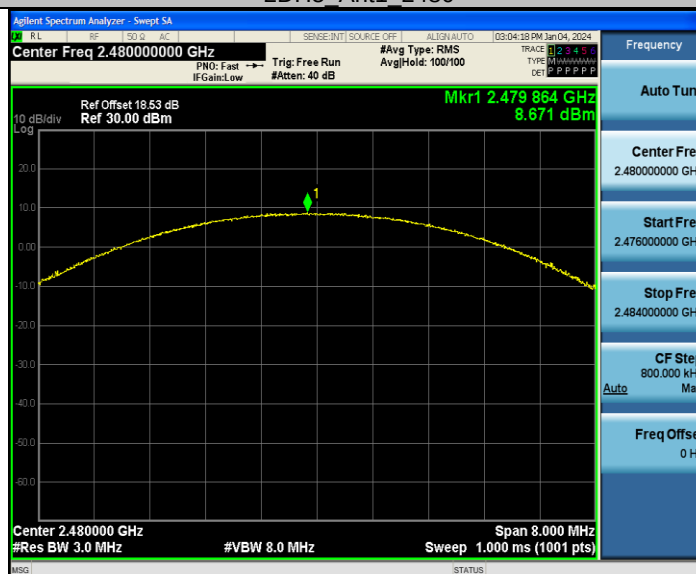
2DH5_Ant1_2402



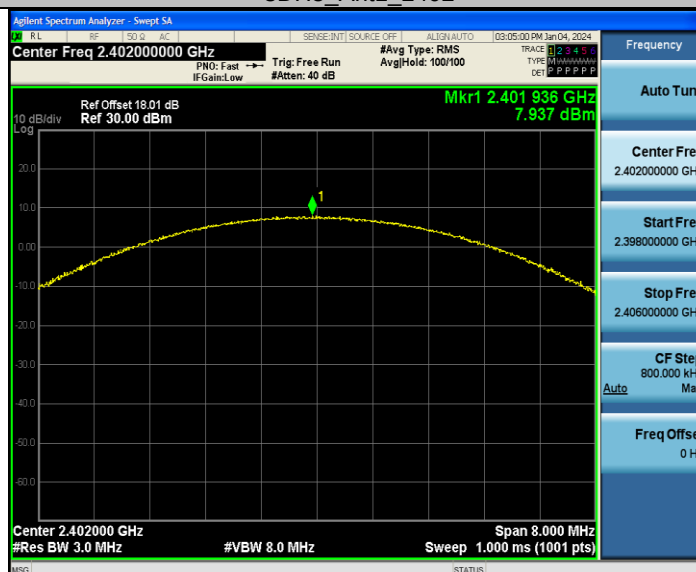
2DH5_Ant1_2441



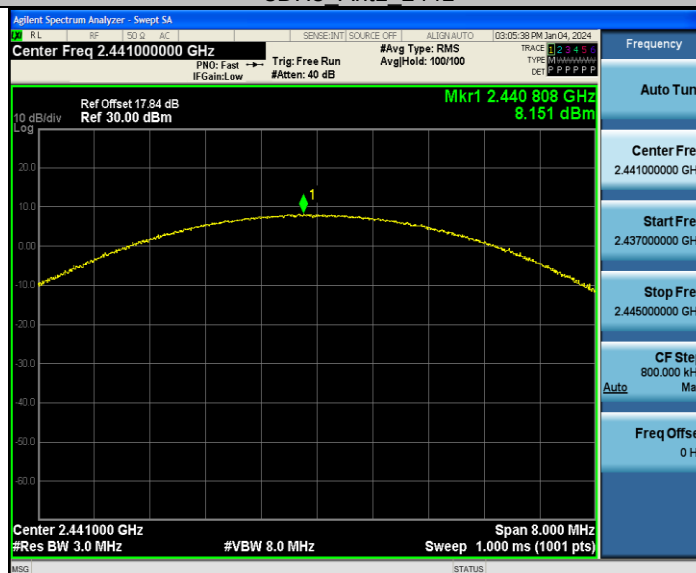
2DH5_Ant1_2480



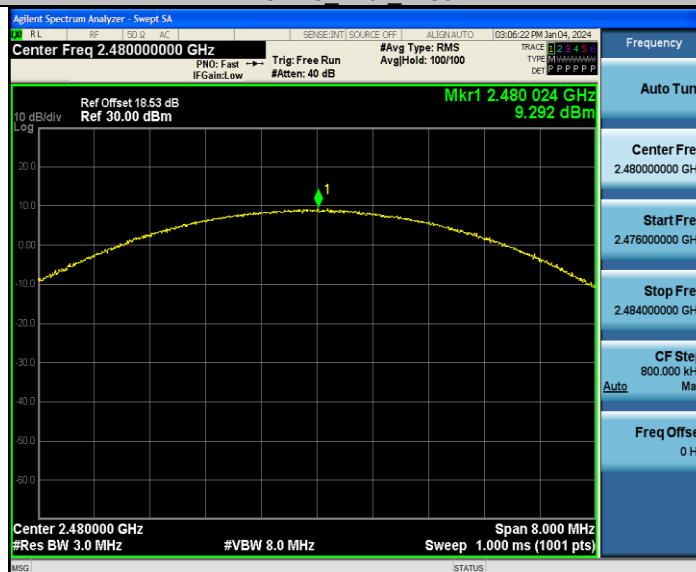
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

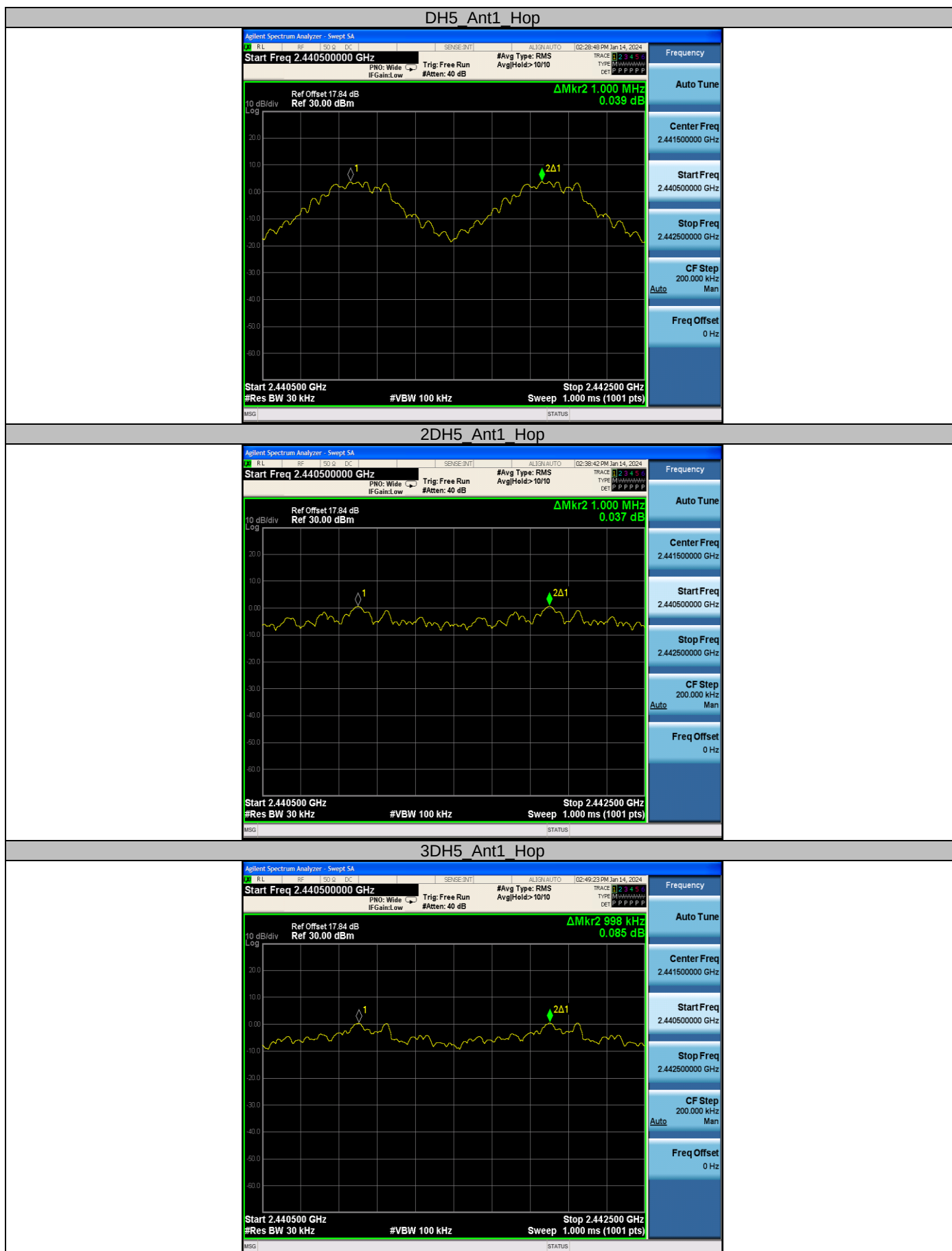


APPENDIX C: CARRIER FREQUENCY SEPARATION

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1	≥ 0.951	PASS
2DH5	Ant1	Hop	1	≥ 0.888	PASS
3DH5	Ant1	Hop	0.998	≥ 0.882	PASS

Test Graphs



APPENDIX D: TIME OF OCCUPANCY

Test Result

Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	Hops in 31.6s [Num]	Result [s]	Limit [s]	Verdict
DH1	Ant1	Hop	0.375	320	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.631	165	0.269	≤0.4	PASS
DH5	Ant1	Hop	2.879	98	0.282	≤0.4	PASS
2DH1	Ant1	Hop	0.388	319	0.124	≤0.4	PASS
2DH3	Ant1	Hop	1.639	151	0.247	≤0.4	PASS
2DH5	Ant1	Hop	2.888	110	0.318	≤0.4	PASS
3DH1	Ant1	Hop	0.388	320	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.638	162	0.265	≤0.4	PASS
3DH5	Ant1	Hop	2.889	100	0.289	≤0.4	PASS

Notes:

1. Period time = $0.4s * 79 = 31.6s$
2. Result (Time of occupancy) = BurstWidth[ms] * Hops in 31.6s [Num]

Test Graphs

