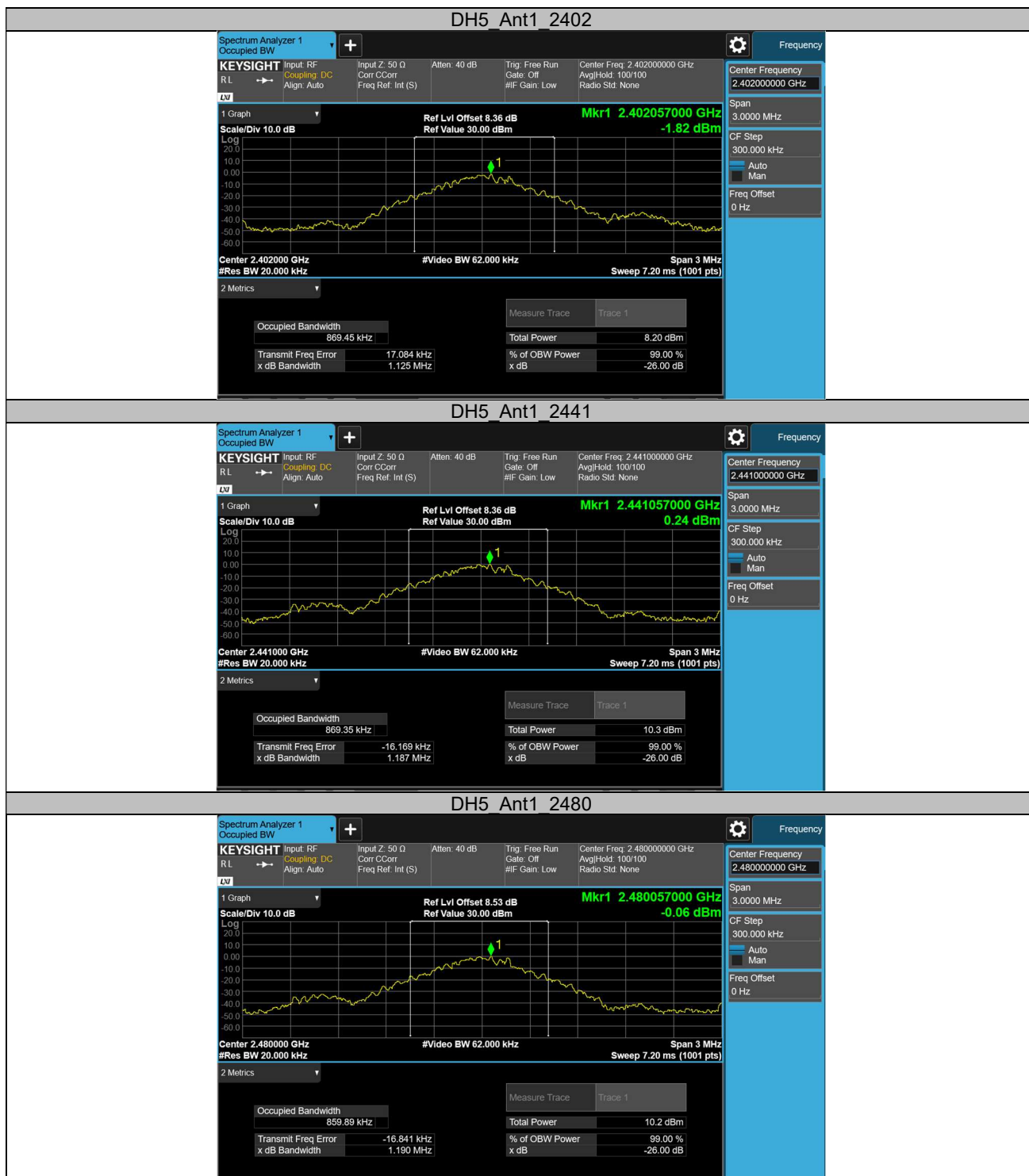


Appendix B: Test Results of FCC Part 15C

APPENDIX B: TEST RESULTS OF FCC PART 15C	1
APPENDIX B.1: TEST RESULTS OF 99% BANDWIDTH	2
APPENDIX B.2: TEST RESULTS OF 20dB BANDWIDTH	5
APPENDIX B.3: MAXIMUM CONDUCTED OUTPUT POWER	8
APPENDIX B.4: TEST RESULTS OF CARRIER FREQUENCY SEPARATION	11
APPENDIX B.5: TEST RESULTS OF NUMBER OF HOPPING FREQUENCY	12
APPENDIX B.6: TEST RESULTS OF TIME OF OCCUPANCY	13
APPENDIX B.7: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH	18
<i>Conducted Spurious Emission</i>	18
<i>Band Edge</i>	25
APPENDIX B.8: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	29
30MHz - 1GHz	29
1GHz - 18GHz	33
APPENDIX B.9: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	45

Appendix B.1: Test Results of 99% Bandwidth

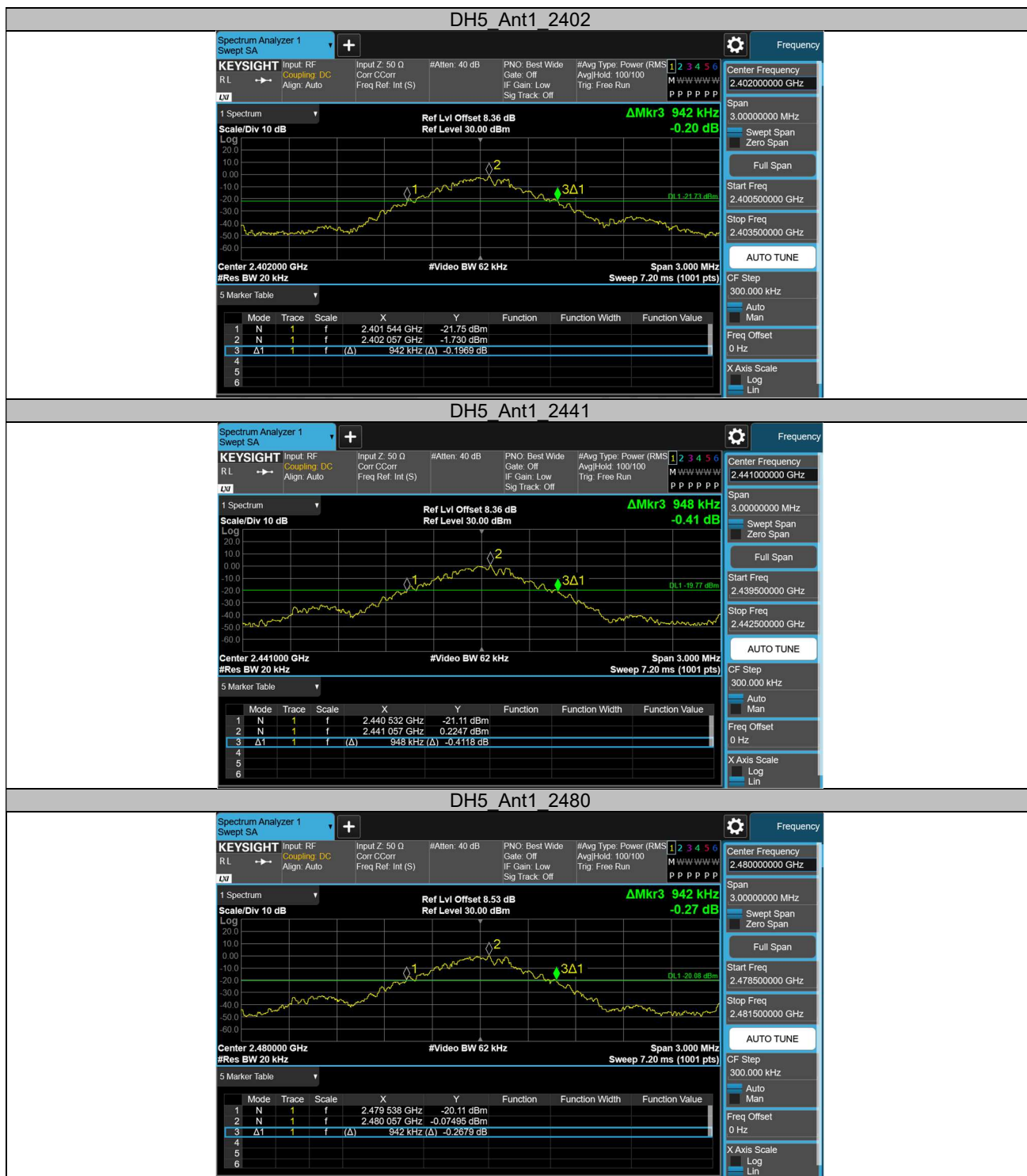
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86945	2401.582	2402.452	---	PASS
		2441	0.86935	2440.549	2441.419	---	PASS
		2480	0.85989	2479.553	2480.413	---	PASS
3DH5	Ant1	2402	1.2020	2401.390	2402.592	---	PASS
		2441	1.2260	2440.378	2441.604	---	PASS
		2480	1.2166	2479.382	2480.599	---	PASS

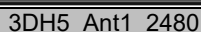




Appendix B.2: Test Results of 20dB Bandwidth

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.942	2401.544	2402.486	---	PASS
		2441	0.948	2440.532	2441.480	---	PASS
		2480	0.942	2479.538	2480.480	---	PASS
3DH5	Ant1	2402	1.257	2401.361	2402.618	---	PASS
		2441	1.257	2440.364	2441.621	---	PASS
		2480	1.260	2479.361	2480.621	---	PASS





Appendix B.3: Maximum conducted output power

Test Mode	Test Channel (MHz)	Measured Peak Power		Limit (W)
		(dBm)	(W)	
GFSK (BDR)	2402.0	1.84	0.0015	< 0.125
	2441.0	4.09	0.0026	
	2480.0	3.75	0.0024	
Maximum Measured Value		4.09	0.0026	

Test Mode	Test Channel (MHz)	Measured Peak Power		Limit (W)
		(dBm)	(W)	
8DPSK (EDR)	2402.0	-2.10	0.0006	< 0.125
	2441.0	0.14	0.0010	
	2480.0	-0.32	0.0009	
Maximum Measured Value		0.17	0.0010	

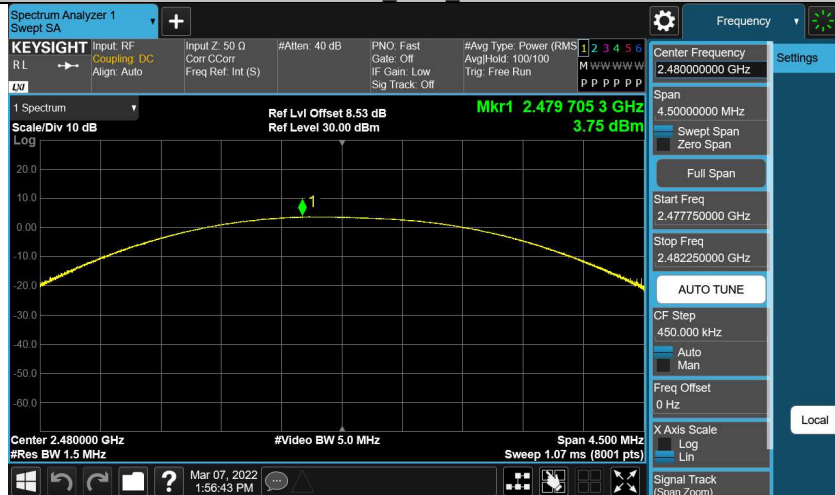
DH5_Ant1_2402



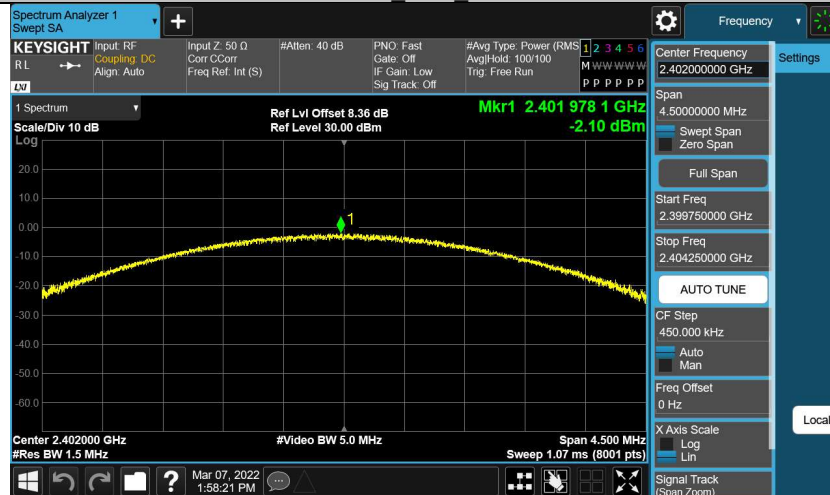
DH5_Ant1_2441



DH5_Ant1_2480



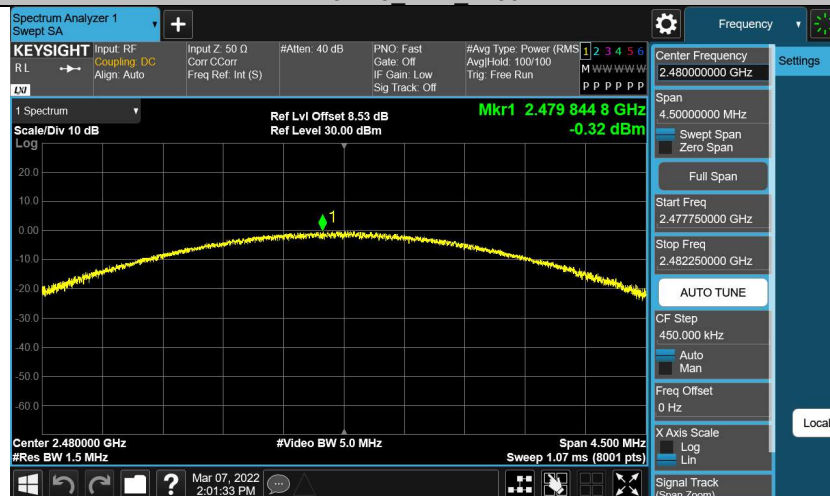
3DH5 Ant1 2402



3DH5 Ant1 2441

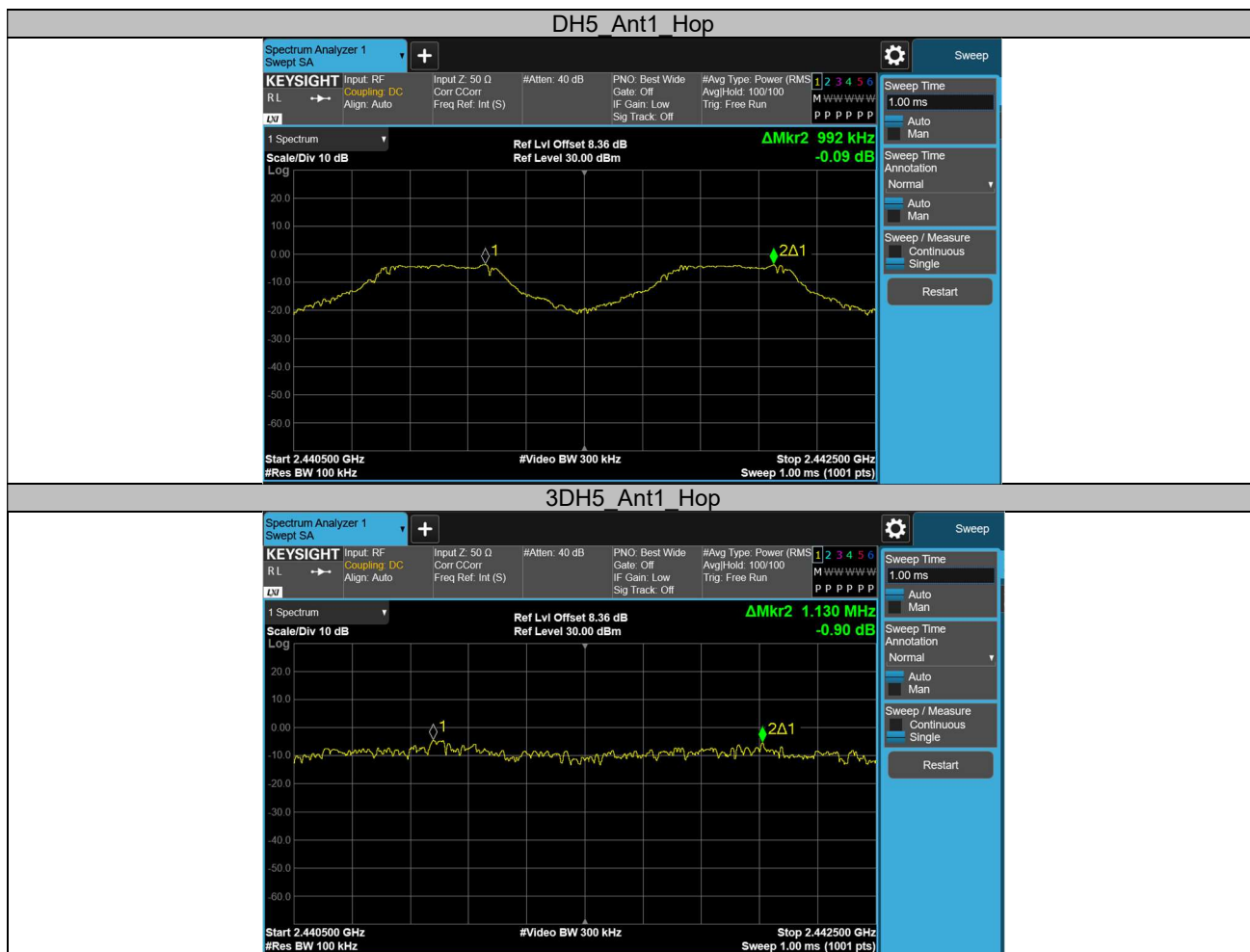


3DH5 Ant1 2480



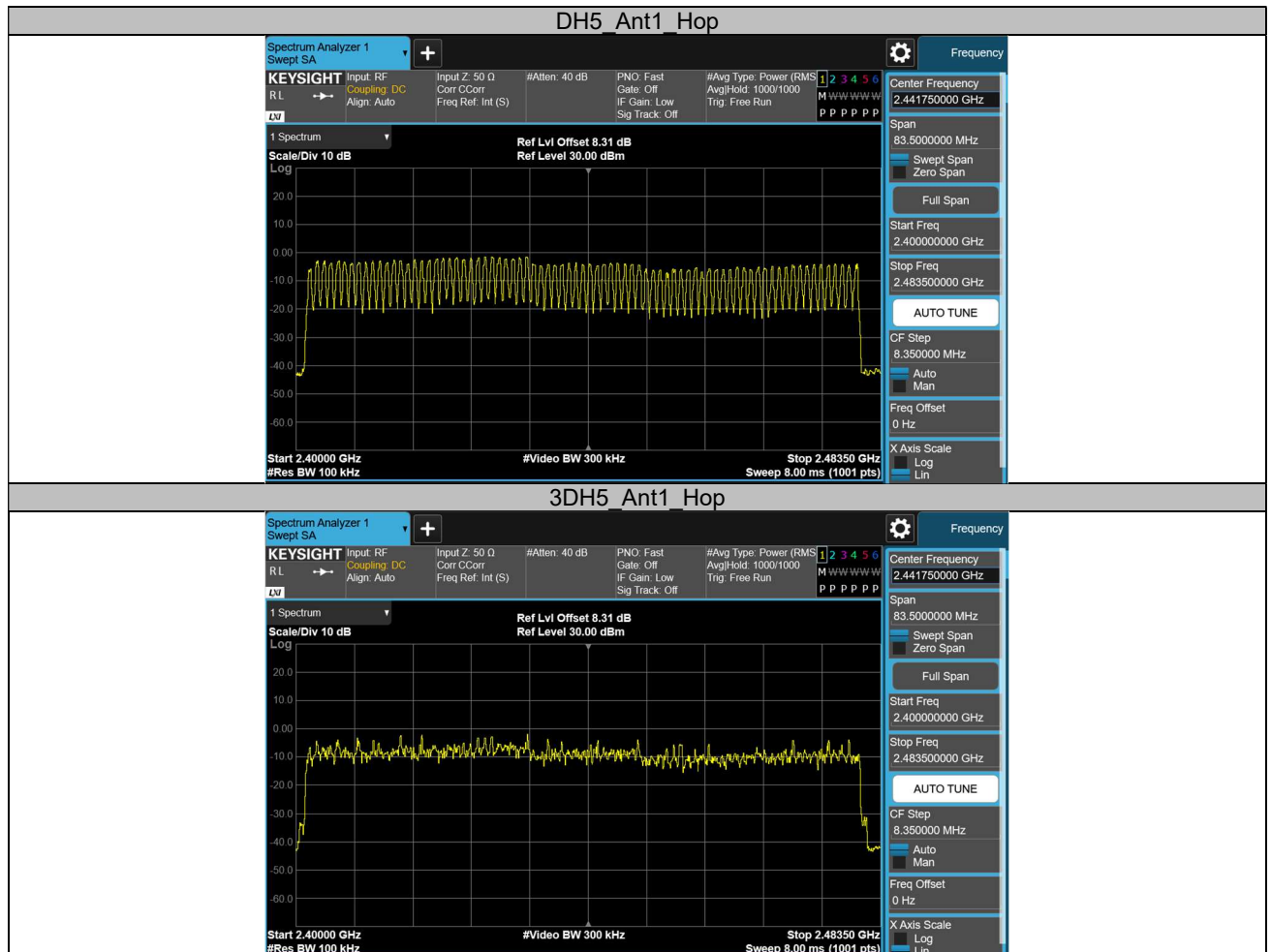
Appendix B.4: Test Results of Carrier Frequency Separation

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	0.992	≥0.948	PASS
3DH5	Ant1	Hop	1.13	≥0.840	PASS



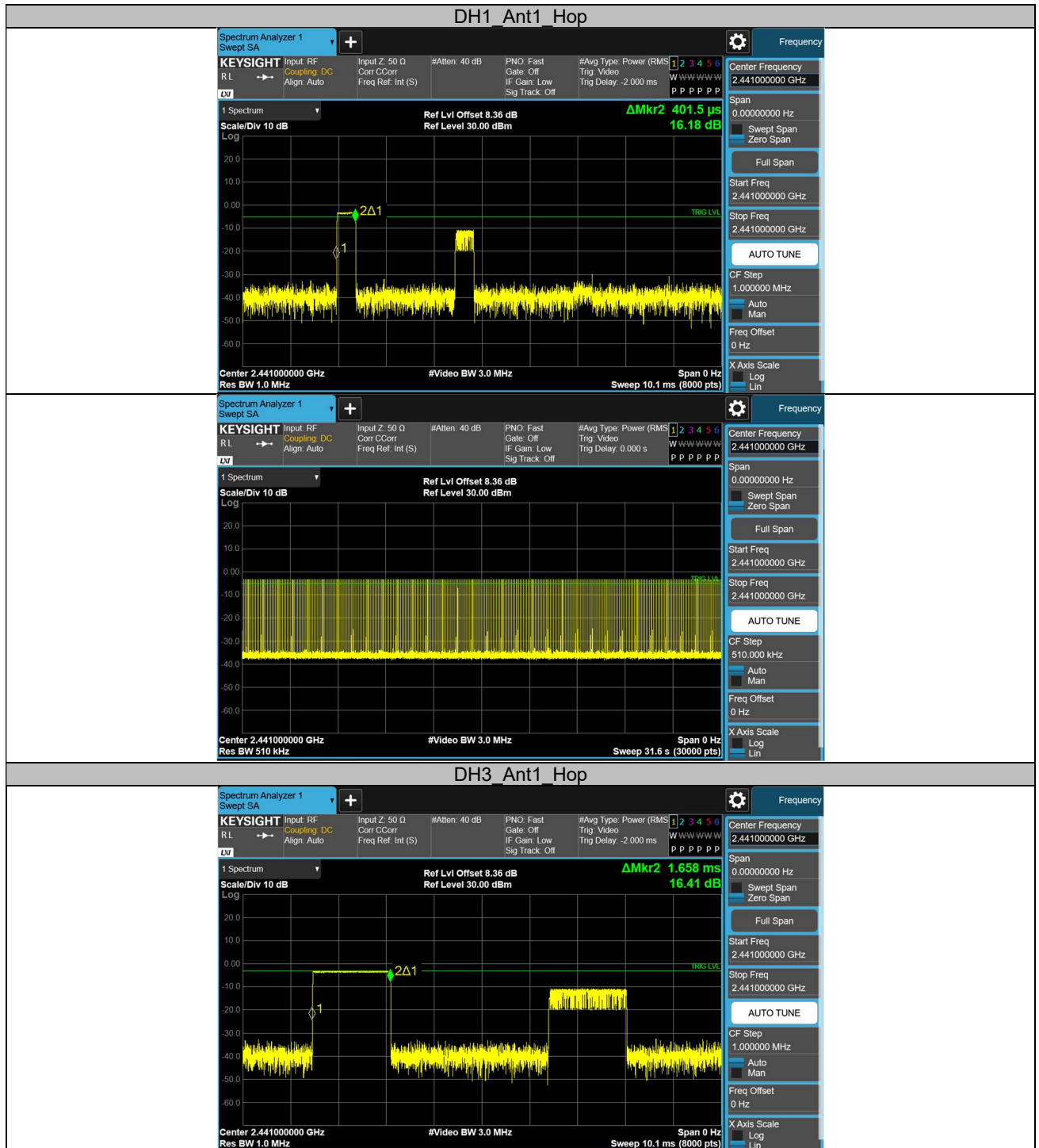
Appendix B.5: Test Results of Number of Hopping Frequency

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

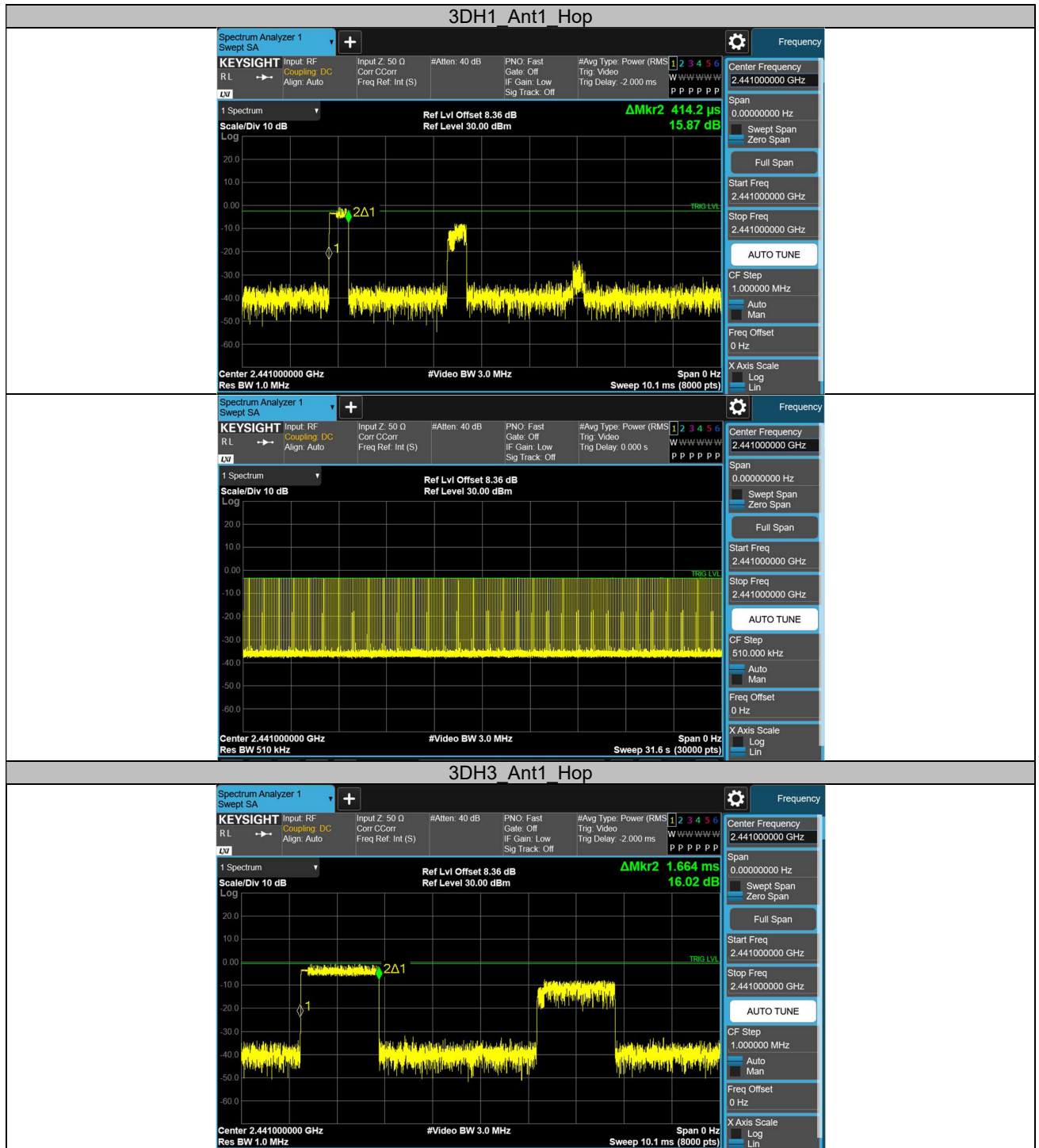


Appendix B.6: Test Results of Time of Occupancy

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.40	319	0.128	≤0.4	PASS
DH3	Ant1	Hop	1.66	159	0.264	≤0.4	PASS
DH5	Ant1	Hop	2.91	107	0.311	≤0.4	PASS
3DH1	Ant1	Hop	0.41	319	0.132	≤0.4	PASS
3DH3	Ant1	Hop	1.66	159	0.265	≤0.4	PASS
3DH5	Ant1	Hop	2.91	107	0.312	≤0.4	PASS









3DH5_Ant1_Hop

