

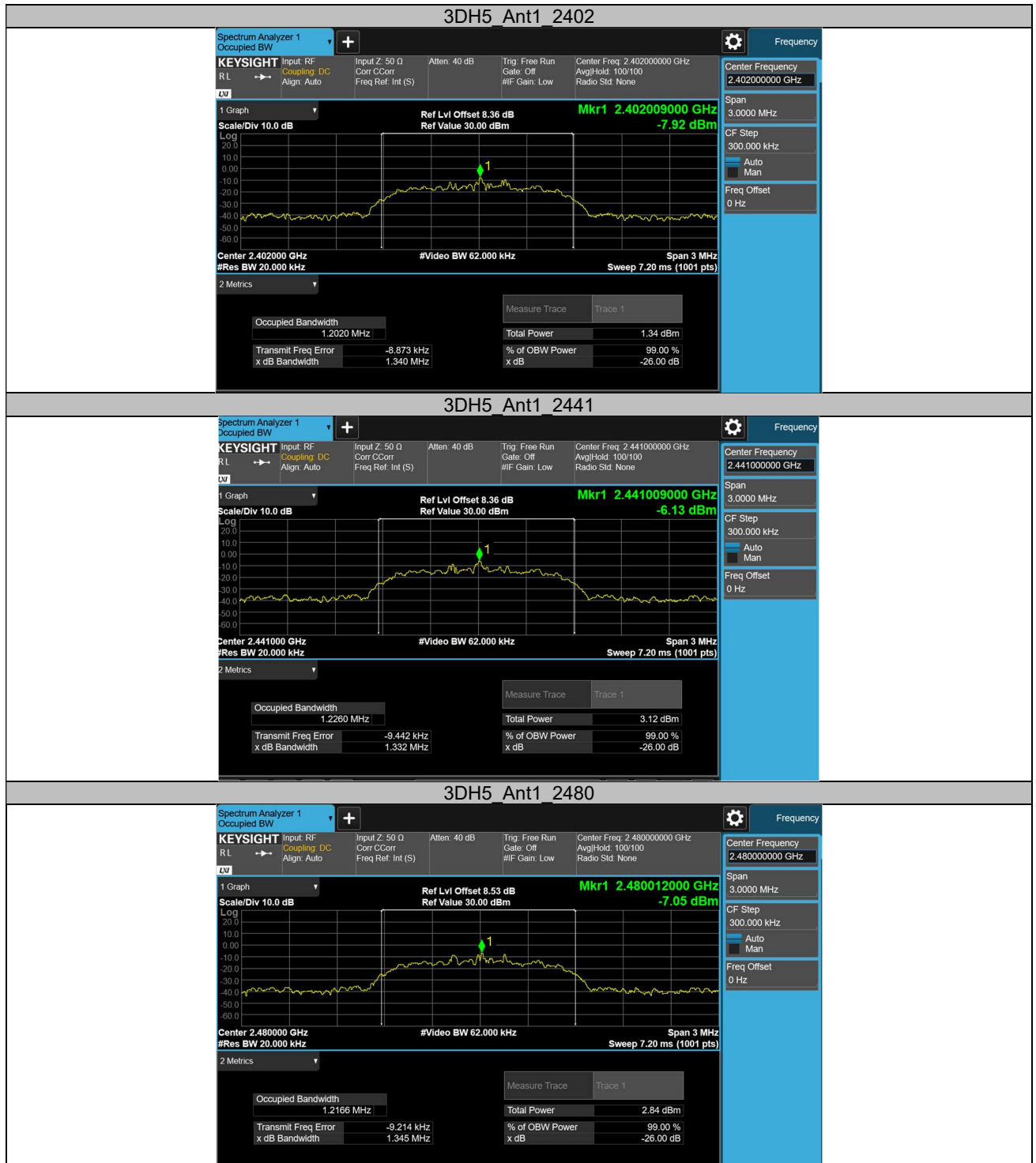
Appendix B: Test Results of FCC Part 15C

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: TEST RESULTS OF CARRIER FREQUENCY SEPARATION	8
APPENDIX B.4: TEST RESULTS OF NUMBER OF HOPPING FREQUENCY	9
APPENDIX B.5: TEST RESULTS OF TIME OF OCCUPANCY	10
APPENDIX B.6: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH	15
<i>Conducted Spurious Emission</i>	15
<i>Band Edge</i>	22
APPENDIX B.7: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	26
<i>Bluetooth BDR/EDR 30MHz - 1GHz</i>	26
<i>Bluetooth BDR/EDR 1GHz - 18GHz</i>	30
APPENDIX B.8: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	48
APPENDIX B.9: TEST RESULTS OF CONDUCTED EMISSION	52

Appendix B.1: Test Results of 99% Bandwidth

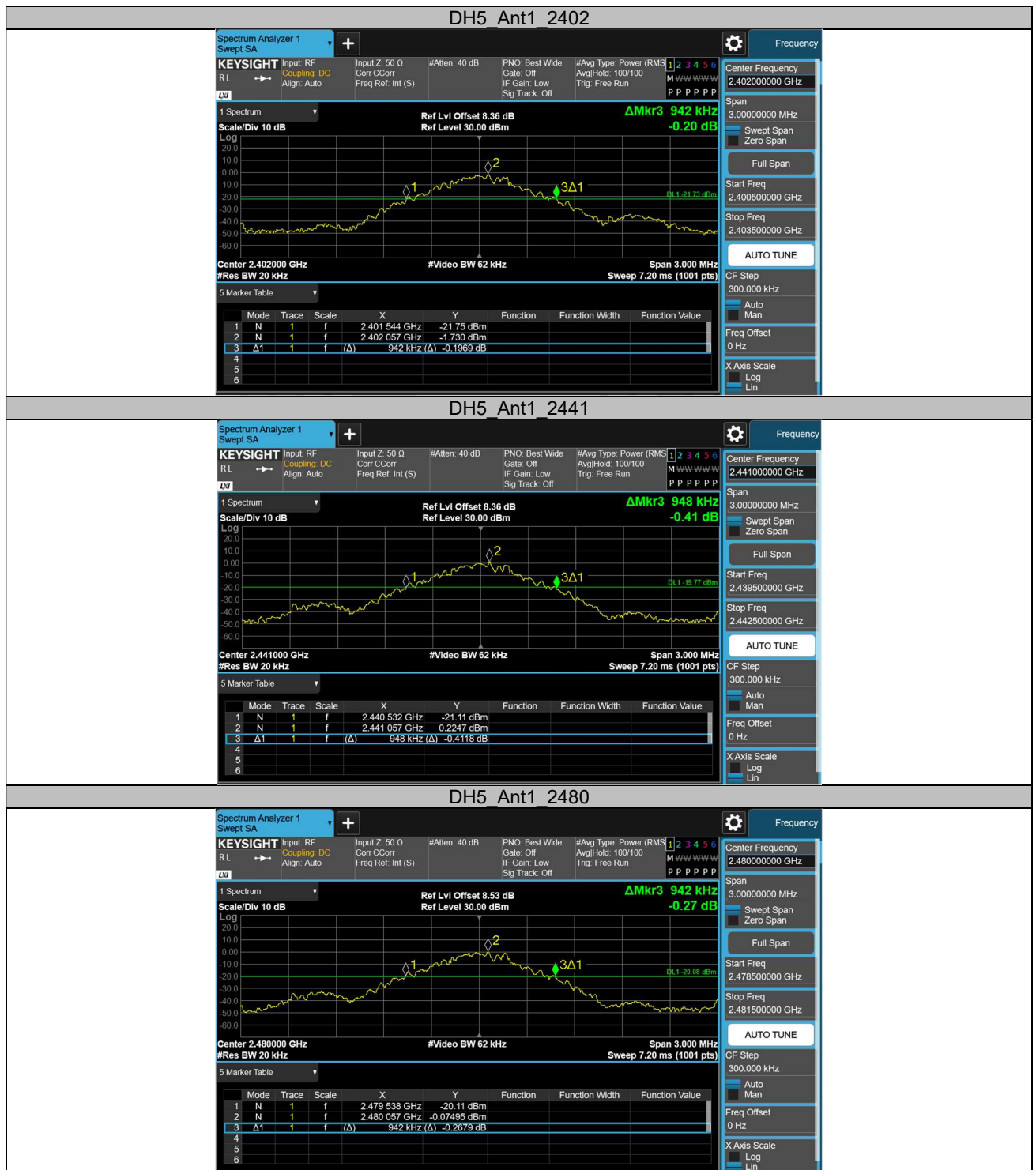
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86945	2401.582	2402.452	---	PASS
		2441	0.86935	2440.549	2441.419	---	PASS
		2480	0.85989	2479.553	2480.413	---	PASS
3DH5	Ant1	2402	1.2020	2401.390	2402.592	---	PASS
		2441	1.2260	2440.378	2441.604	---	PASS
		2480	1.2166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

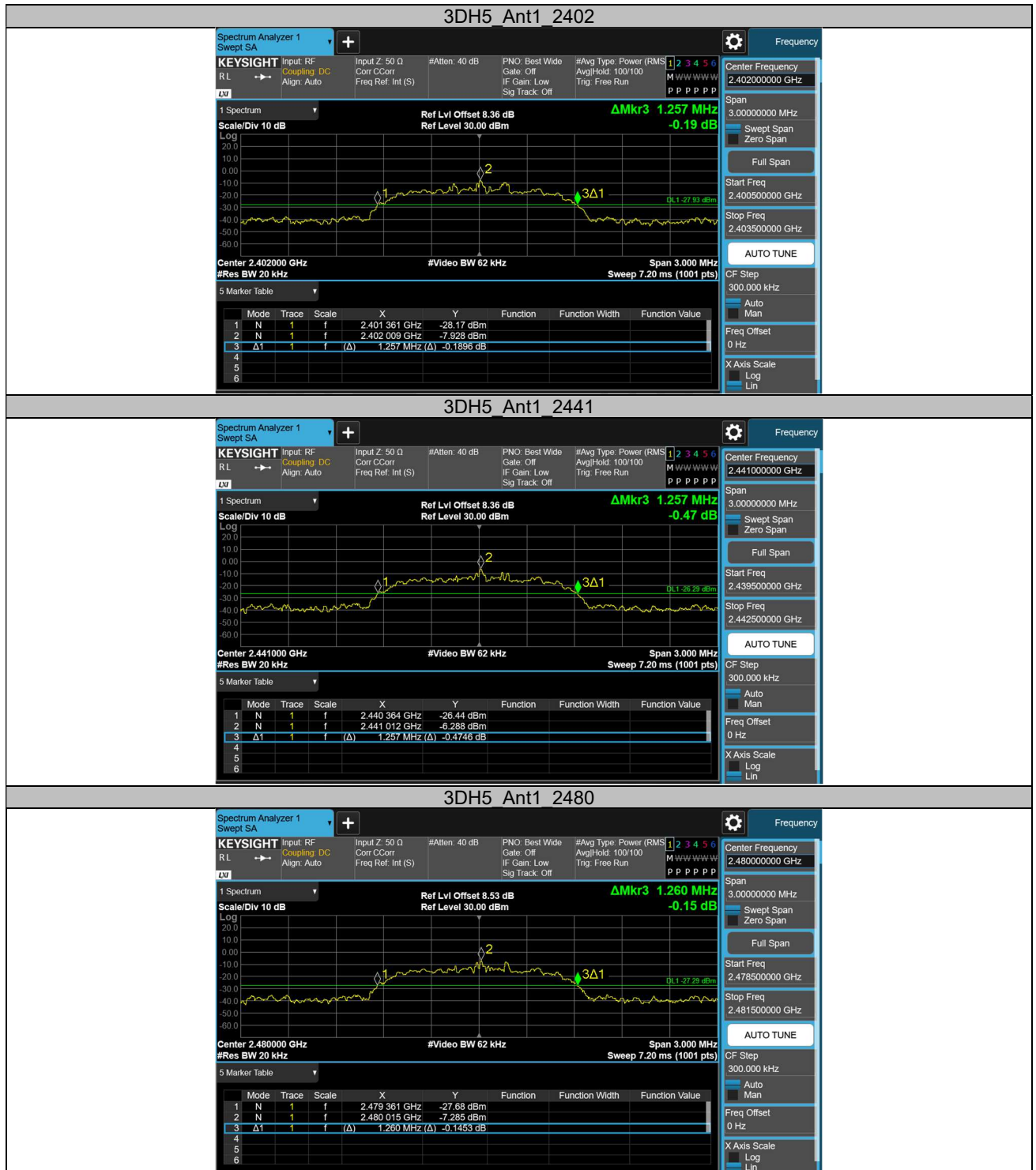




Appendix B.2: Test Results of 20dB Bandwidth

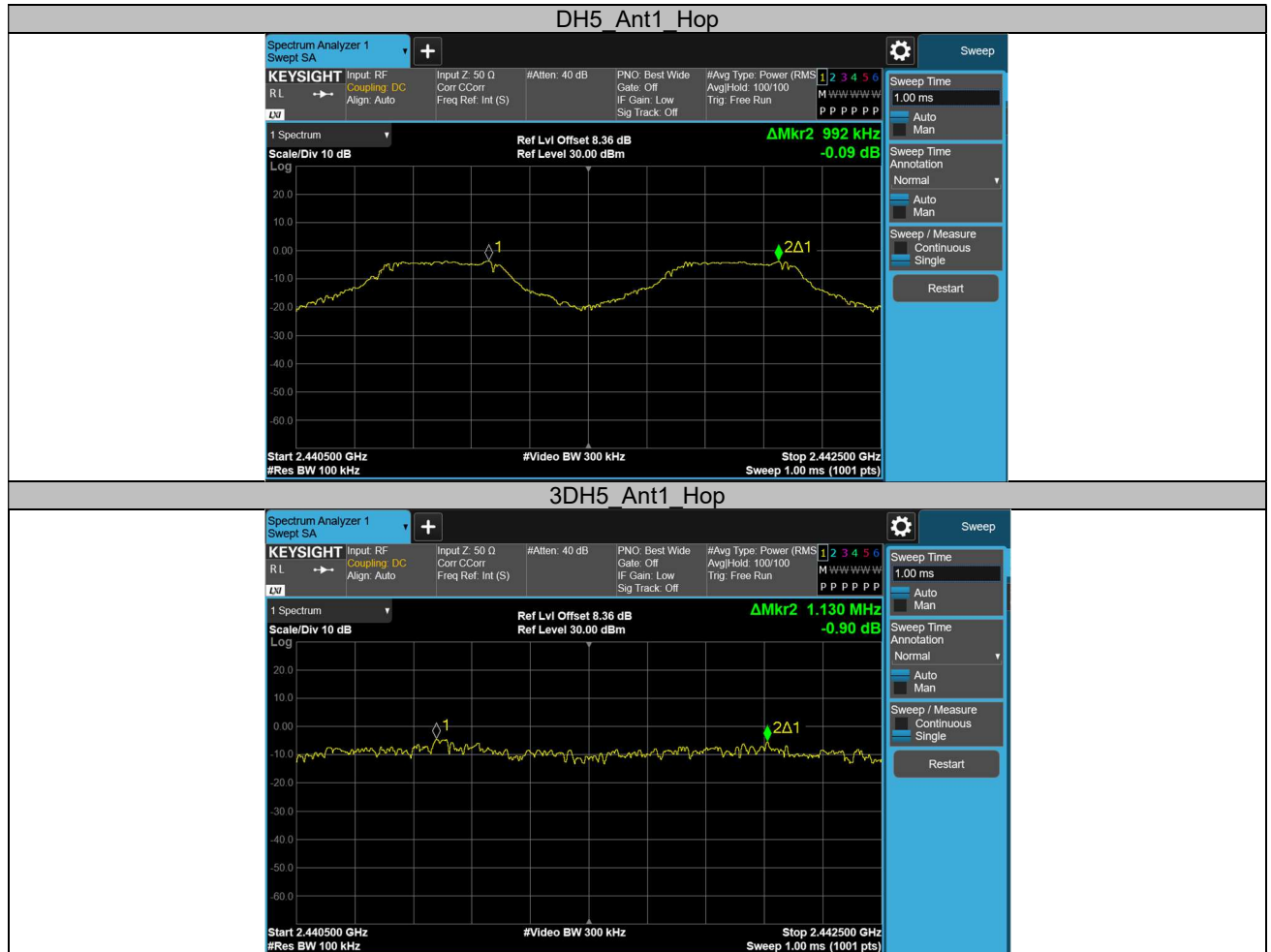
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.942	2401.544	2402.486	---	PASS
		2441	0.948	2440.532	2441.480	---	PASS
		2480	0.942	2479.538	2480.480	---	PASS
3DH5	Ant1	2402	1.257	2401.361	2402.618	---	PASS
		2441	1.257	2440.364	2441.621	---	PASS
		2480	1.260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





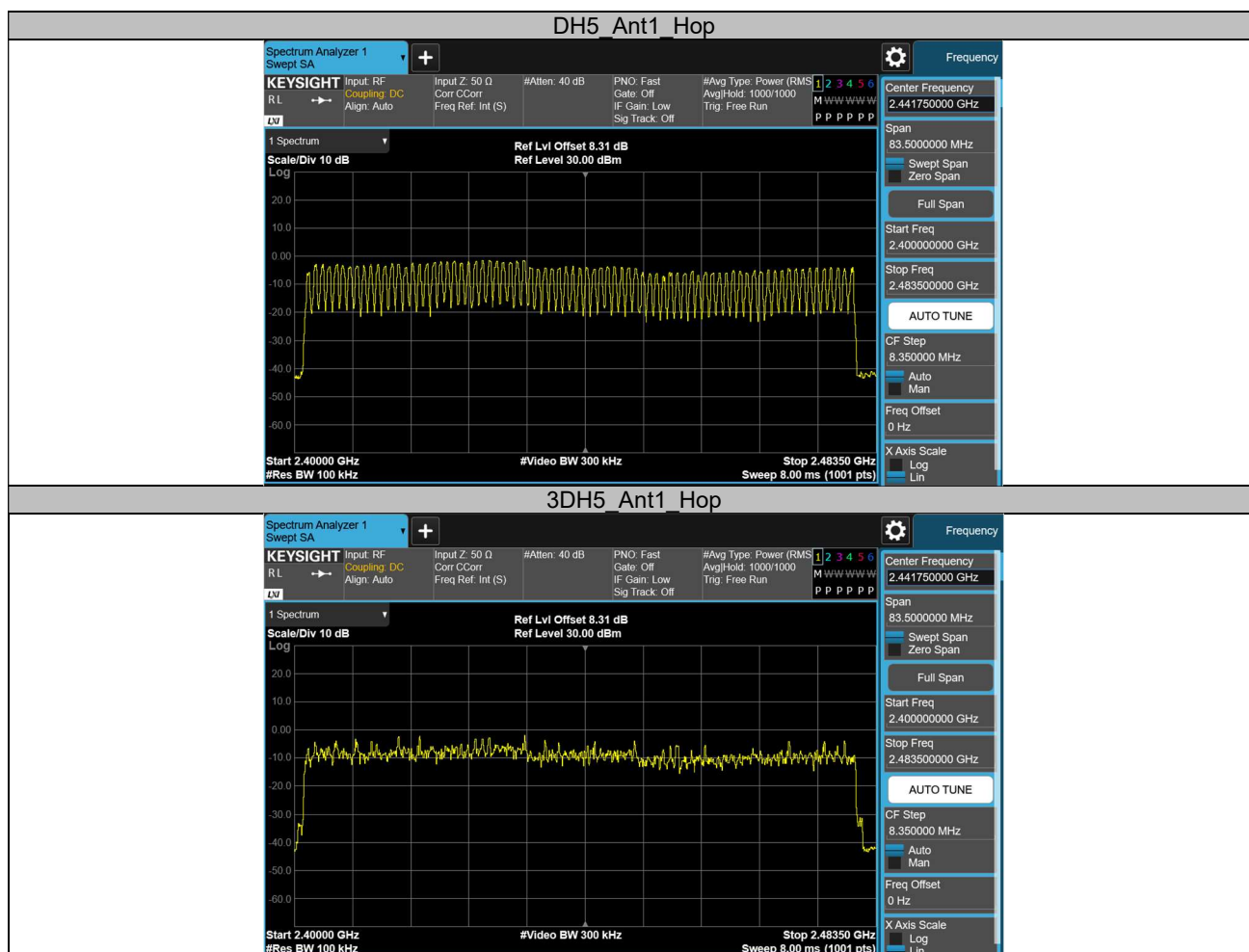
Appendix B.3: Test Results of Carrier Frequency Separation

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



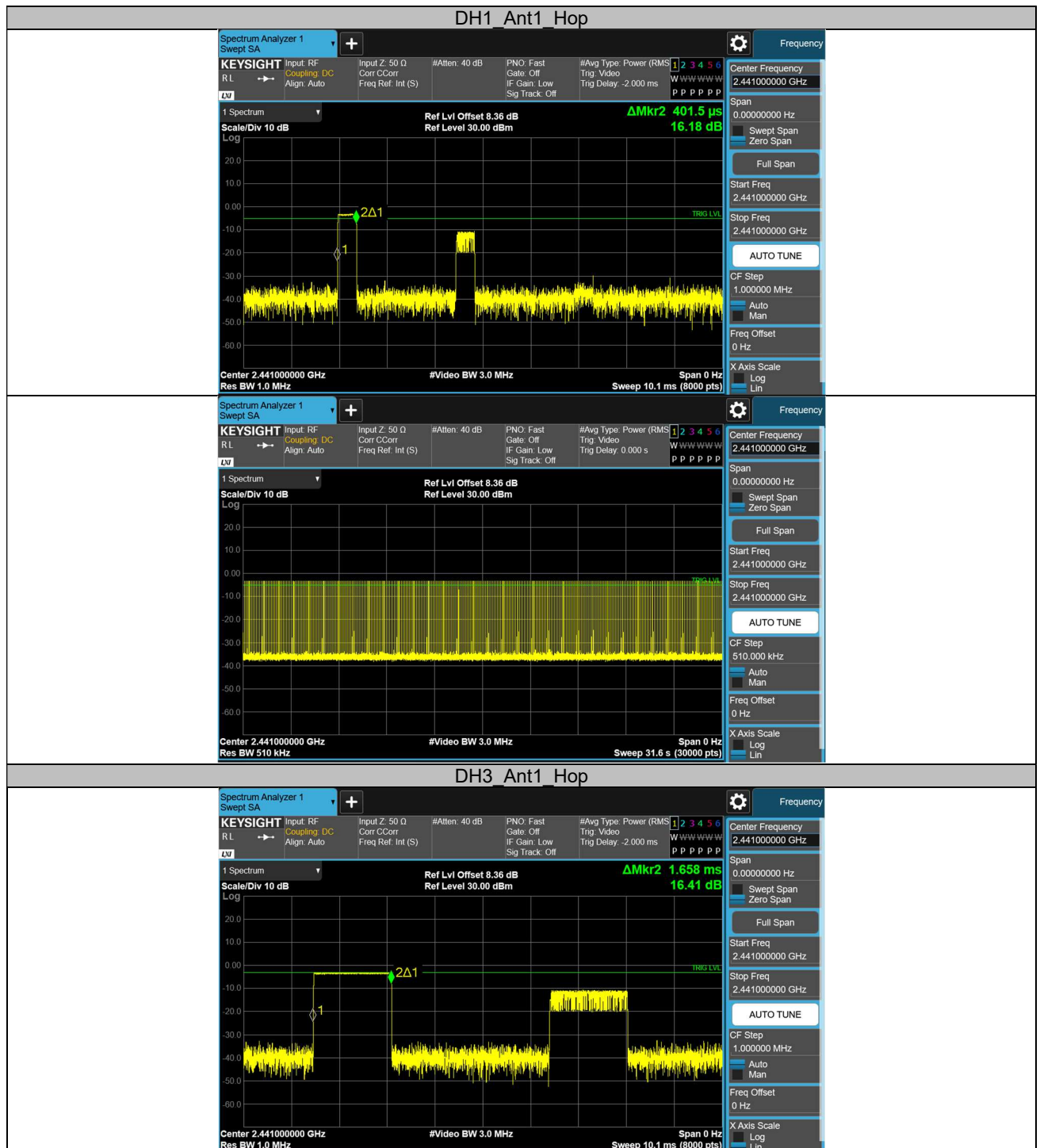
Appendix B.4: Test Results of Number of Hopping Frequency

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

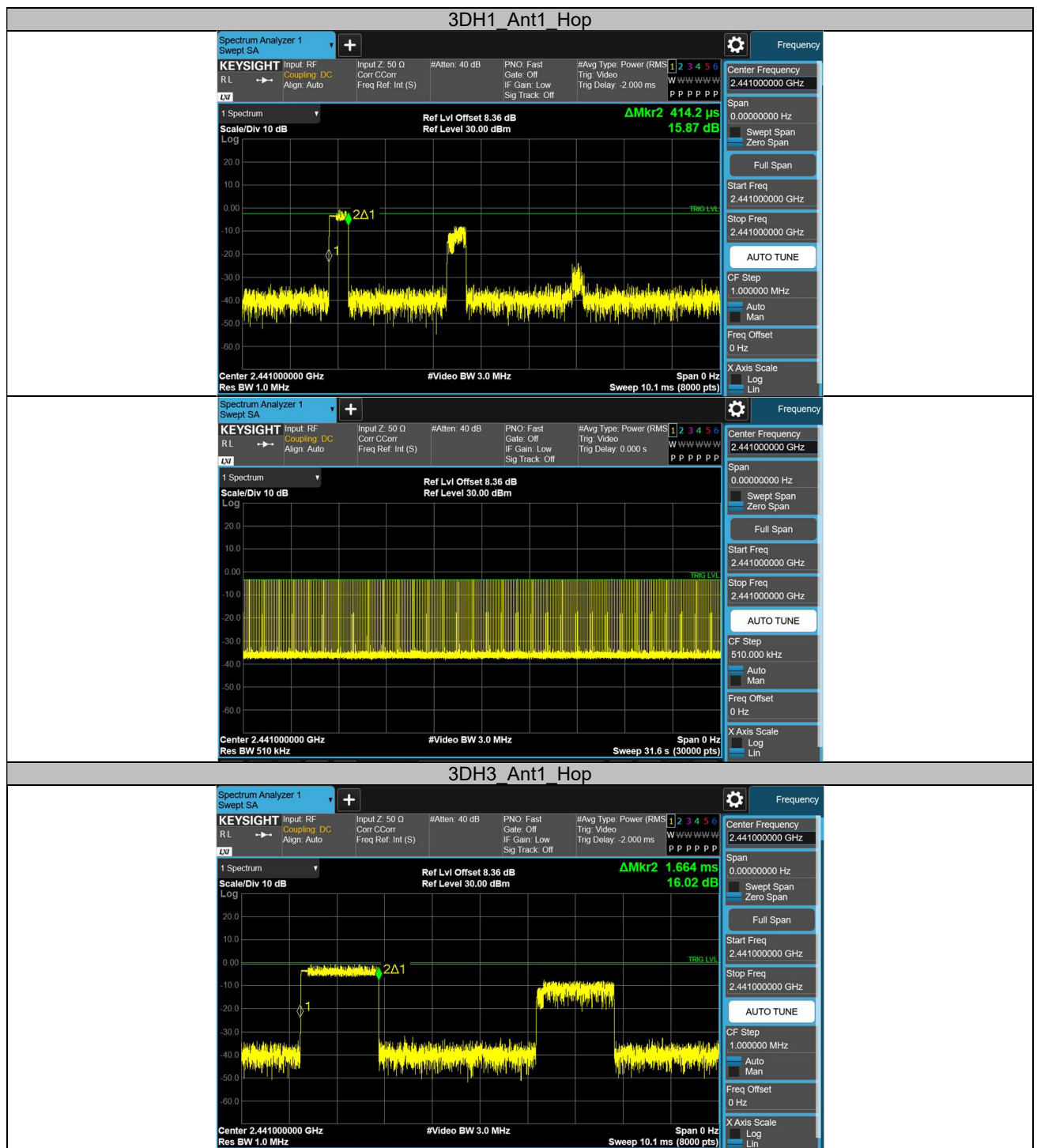


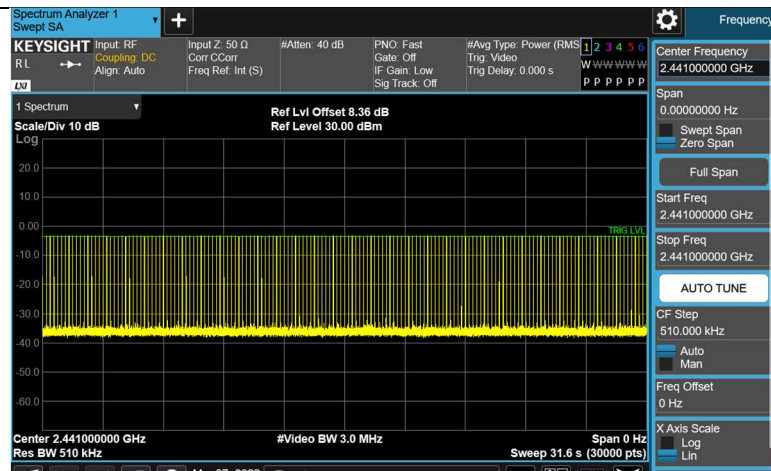
Appendix B.5: Test Results of Time of Occupancy

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



Appendix B.6: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.92	0.92	---	PASS
			30~1000	0.92	-62.83	≤-19.08	PASS
			1000~26500	0.92	-42.42	≤-19.08	PASS
		2441	Reference	3.10	3.10	---	PASS
			30~1000	3.10	-62.54	≤-16.9	PASS
			1000~26500	3.10	-41	≤-16.9	PASS
		2480	Reference	2.53	2.53	---	PASS
			30~1000	2.53	-61.9	≤-17.47	PASS
			1000~26500	2.53	-40.97	≤-17.47	PASS
3DH5	Ant1	2402	Reference	-6.07	-6.07	---	PASS
			30~1000	-6.07	-61.96	≤-26.07	PASS
			1000~26500	-6.07	-47.61	≤-26.07	PASS
		2441	Reference	-6.20	-6.20	---	PASS
			30~1000	-6.20	-61.32	≤-26.2	PASS
			1000~26500	-6.20	-45.48	≤-26.2	PASS
		2480	Reference	-7.20	-7.20	---	PASS
			30~1000	-7.20	-62.55	≤-27.2	PASS
			1000~26500	-7.20	-48.14	≤-27.2	PASS

