

Appendix: 5G Wi-Fi DFS

Contents

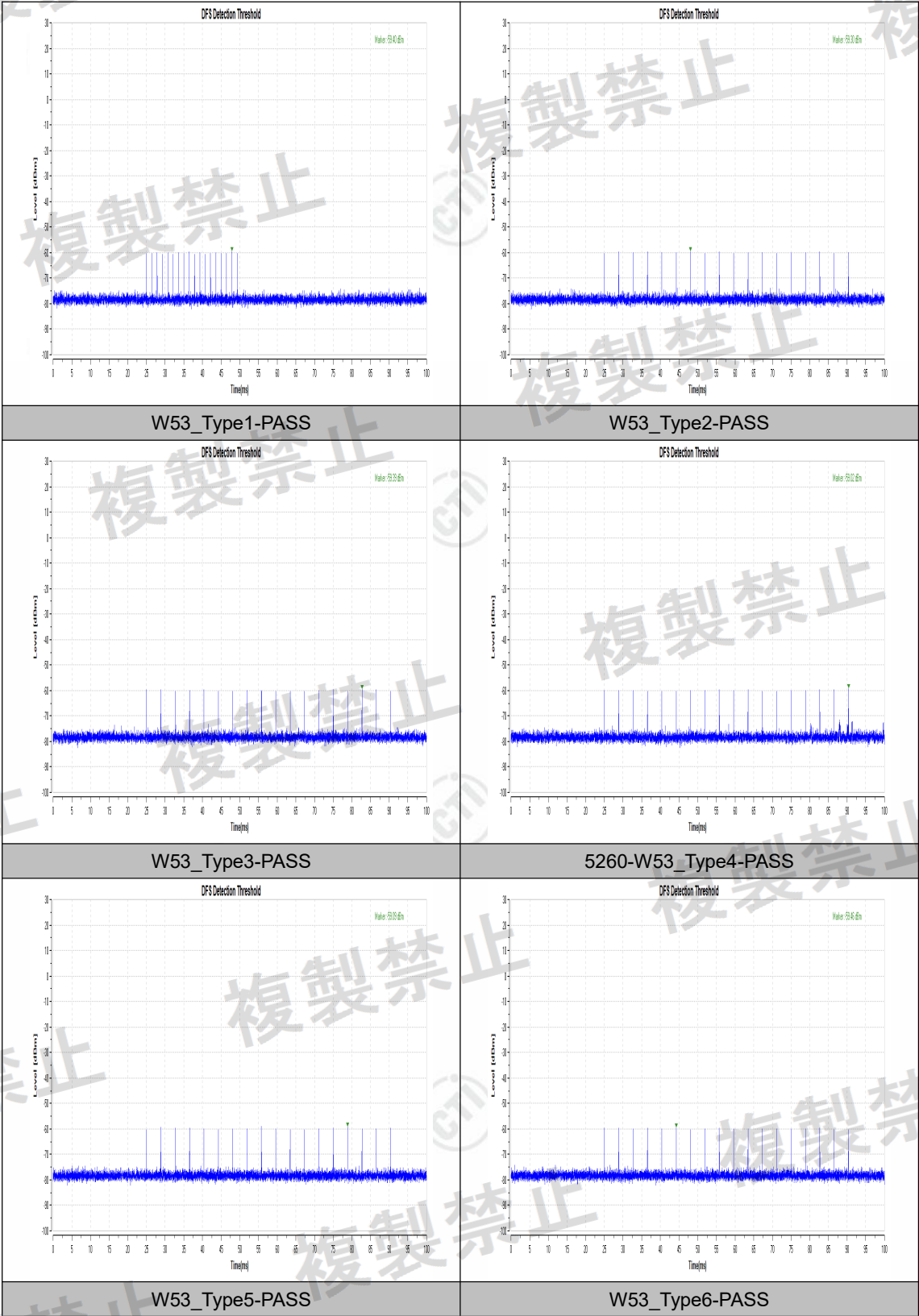
Appendix A: DFS Detection Thresholds	3
Test Result	3
Test Graphs	4
Appendix B: Radar Detection Threshold during CAC	7
Test Result	7
Test Graphs	8
Appendix C: Channel Move Time and Channel Closing Transmission Time	11
Test Result	11
Test Graphs	12
Appendix D: Non-Occupancy Period	13
Test Result	13
Test Graphs	14
Appendix E: Detection Probability Check	15
Test Result	15

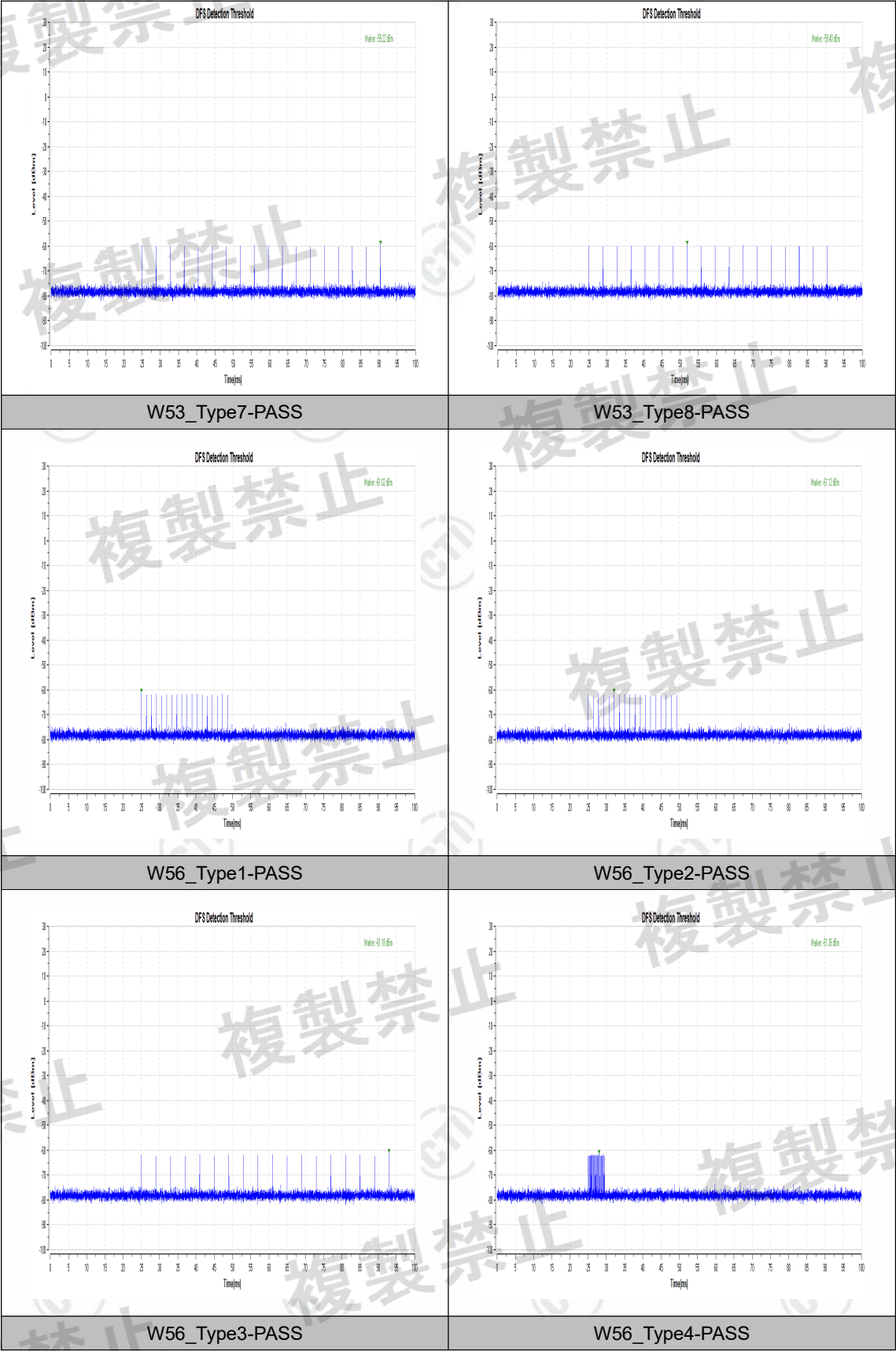
Appendix A: DFS Detection Thresholds

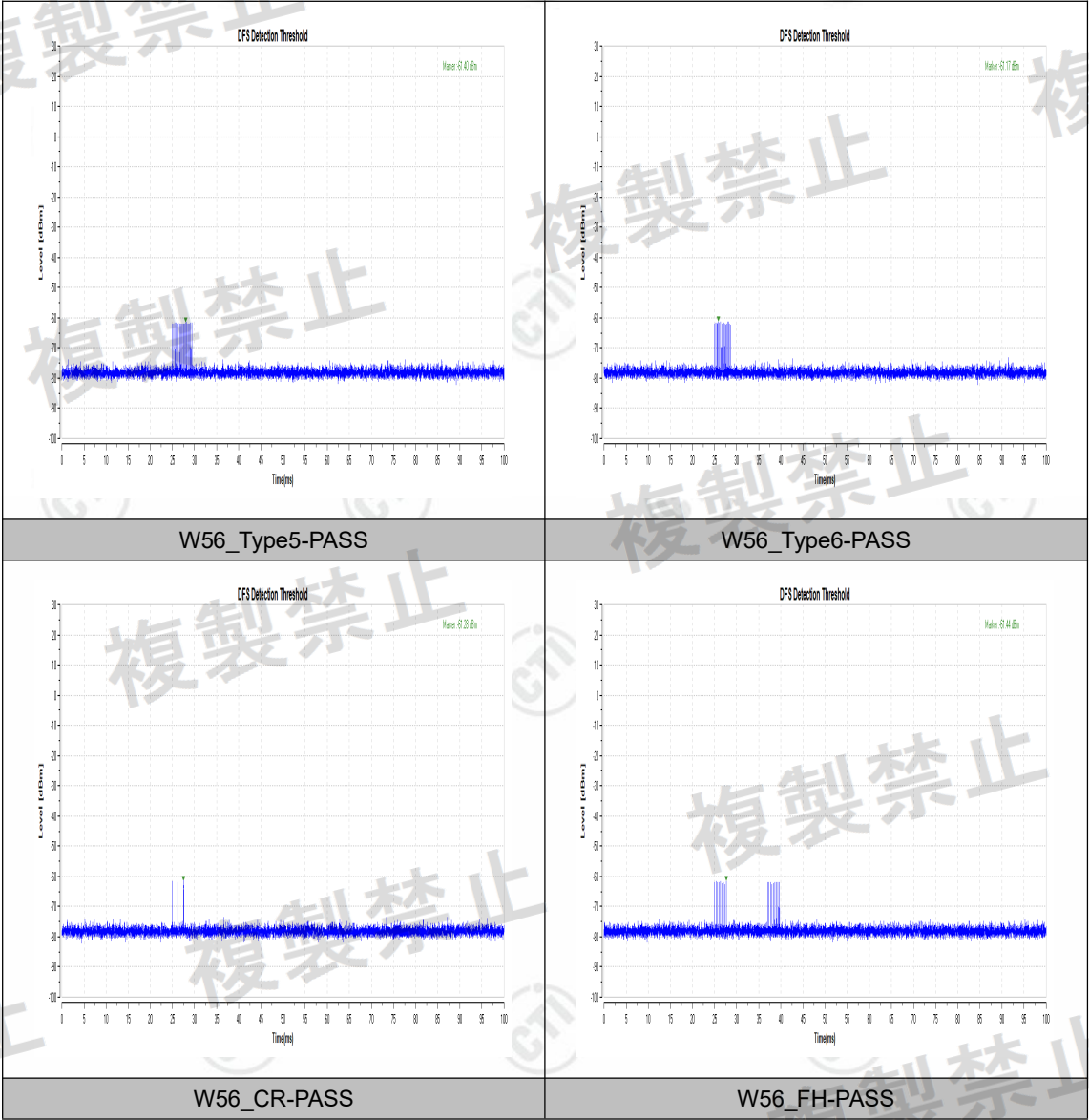
Test Result

Radar Type	Result	Limit[dbm]	Verdict
W53_Type1	-59.40	-59.00	PASS
W53_Type2	-59.30	-59.00	PASS
W53_Type3	-59.39	-59.00	PASS
W53_Type4	-59.02	-59.00	PASS
W53_Type5	-59.09	-59.00	PASS
W53_Type6	-59.46	-59.00	PASS
W53_Type7	-59.22	-59.00	PASS
W53_Type8	-59.40	-59.00	PASS
W56_Type1	-61.02	-61.00	PASS
W56_Type2	-61.12	-61.00	PASS
W56_Type3	-61.18	-61.00	PASS
W56_Type4	-61.36	-61.00	PASS
W56_Type5	-61.40	-61.00	PASS
W56_Type6	-61.17	-61.00	PASS
W56_CR	-61.28	-61.00	PASS
W56_FH	-61.44	-61.00	PASS

Test Graphs







Appendix B: Radar Detection Threshold during CAC

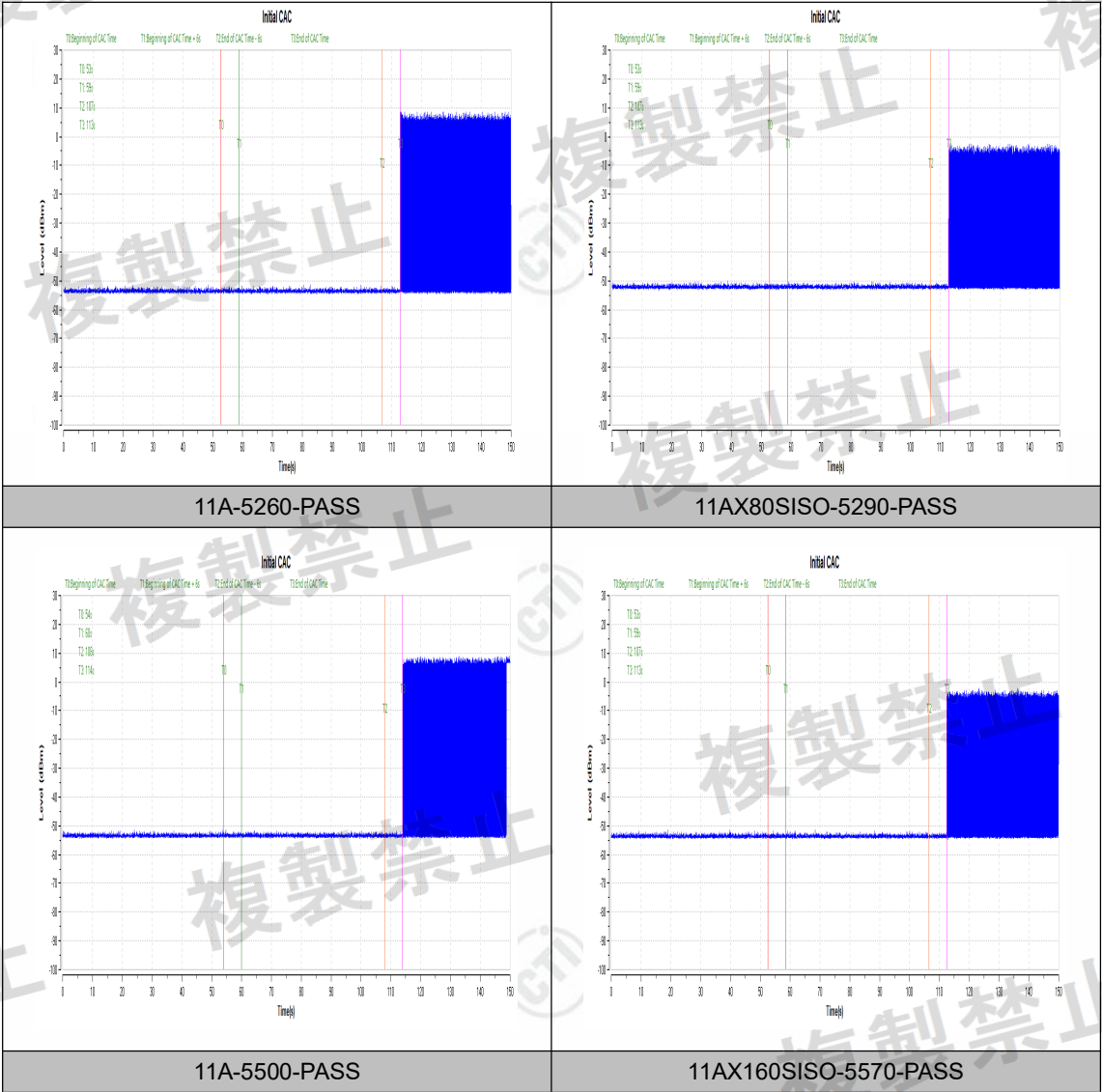
Test Result

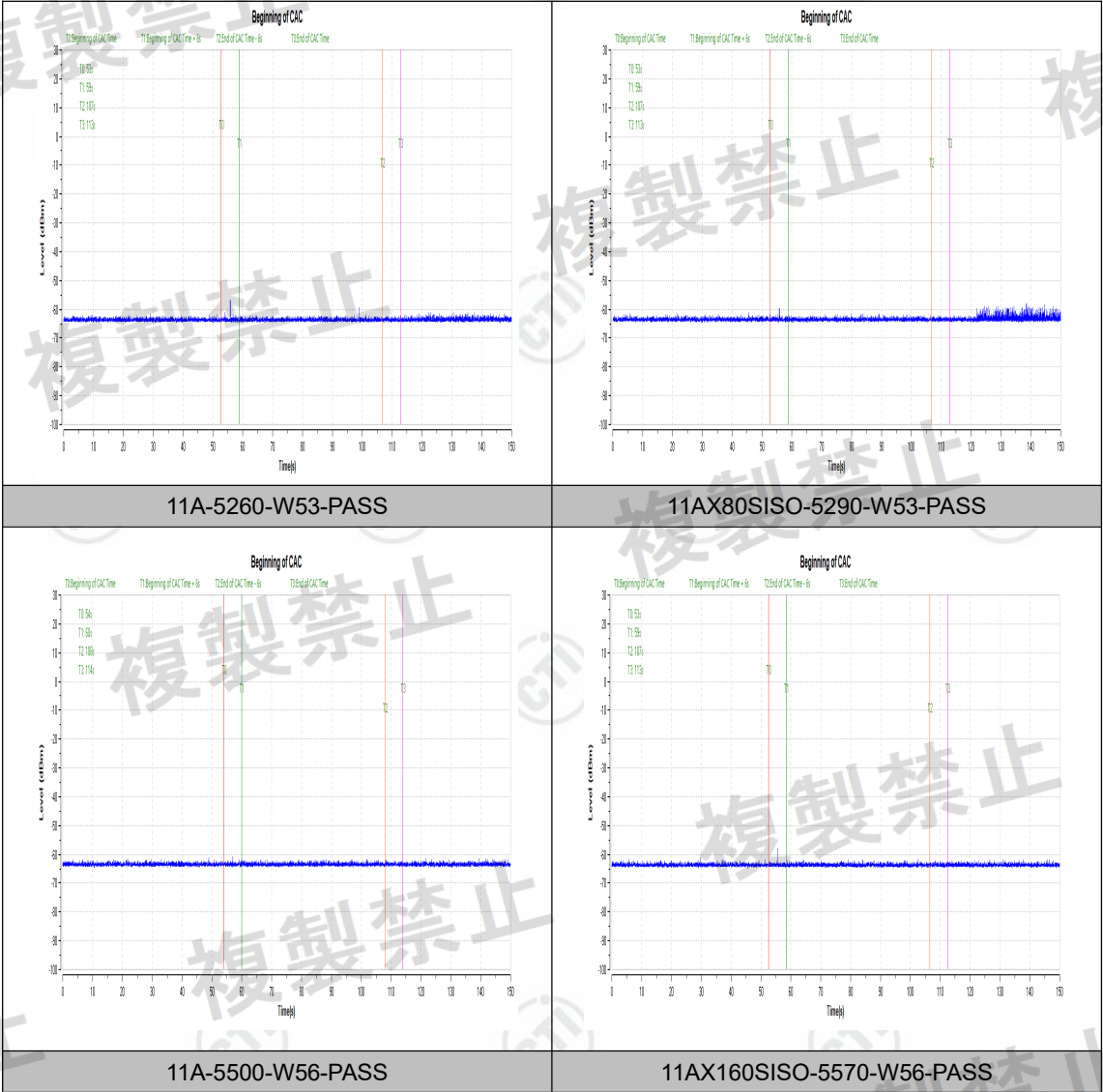
TestMode	Frequency[MHz]	Result	Verdict
11A	5260	See test Graph	PASS
11AX80SISO	5290	See test Graph	PASS
11A	5500	See test Graph	PASS
11AX160SISO	5570	See test Graph	PASS

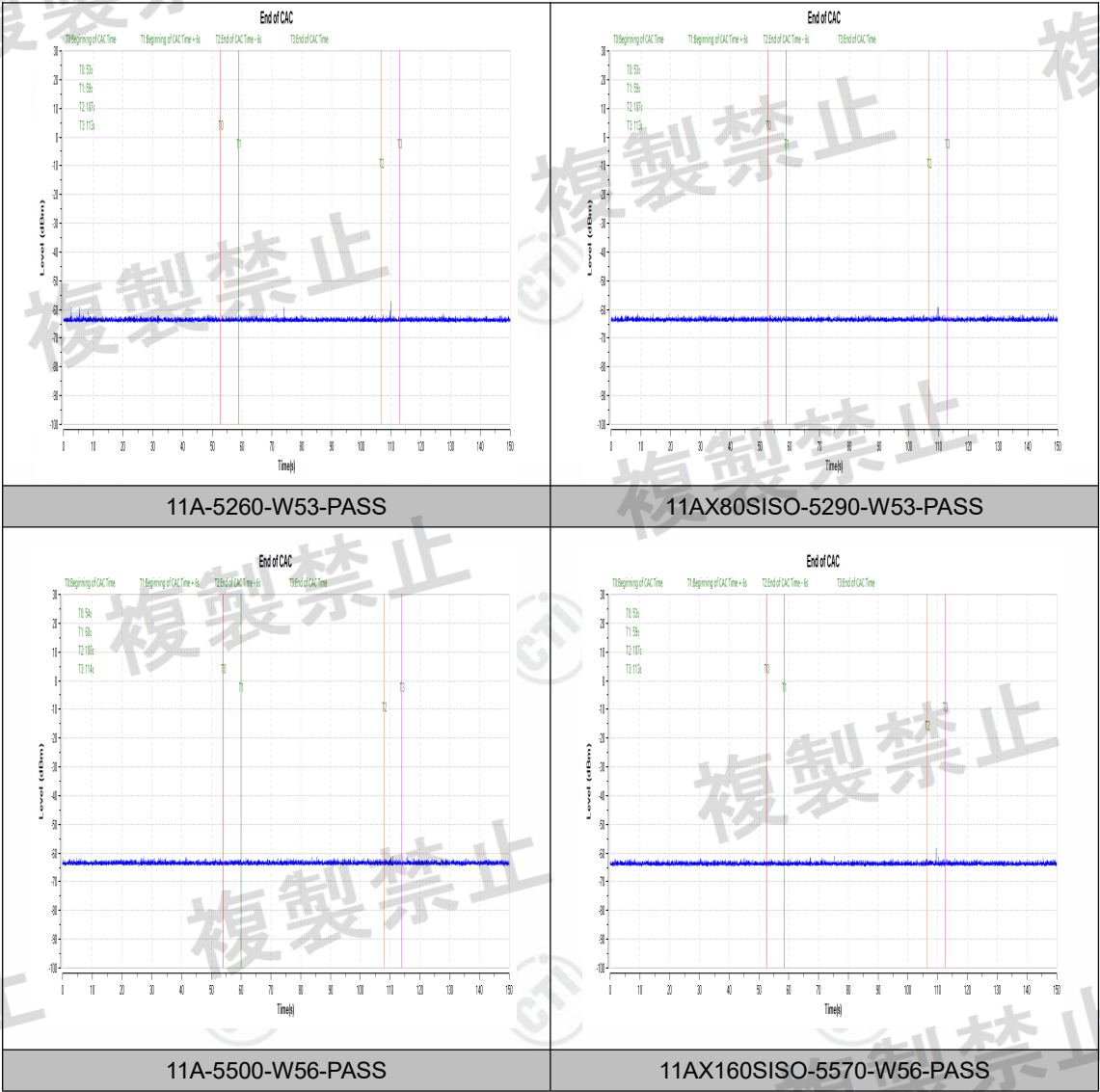
TestMode	Frequency[MHz]	Result	Verdict
11A	5260	See test Graph	PASS
11AX80SISO	5290	See test Graph	PASS
11A	5500	See test Graph	PASS
11AX160SISO	5570	See test Graph	PASS

TestMode	Frequency[MHz]	Result	Verdict
11A	5260	See test Graph	PASS
11AX80SISO	5290	See test Graph	PASS
11A	5500	See test Graph	PASS
11AX160SISO	5570	See test Graph	PASS

Test Graphs







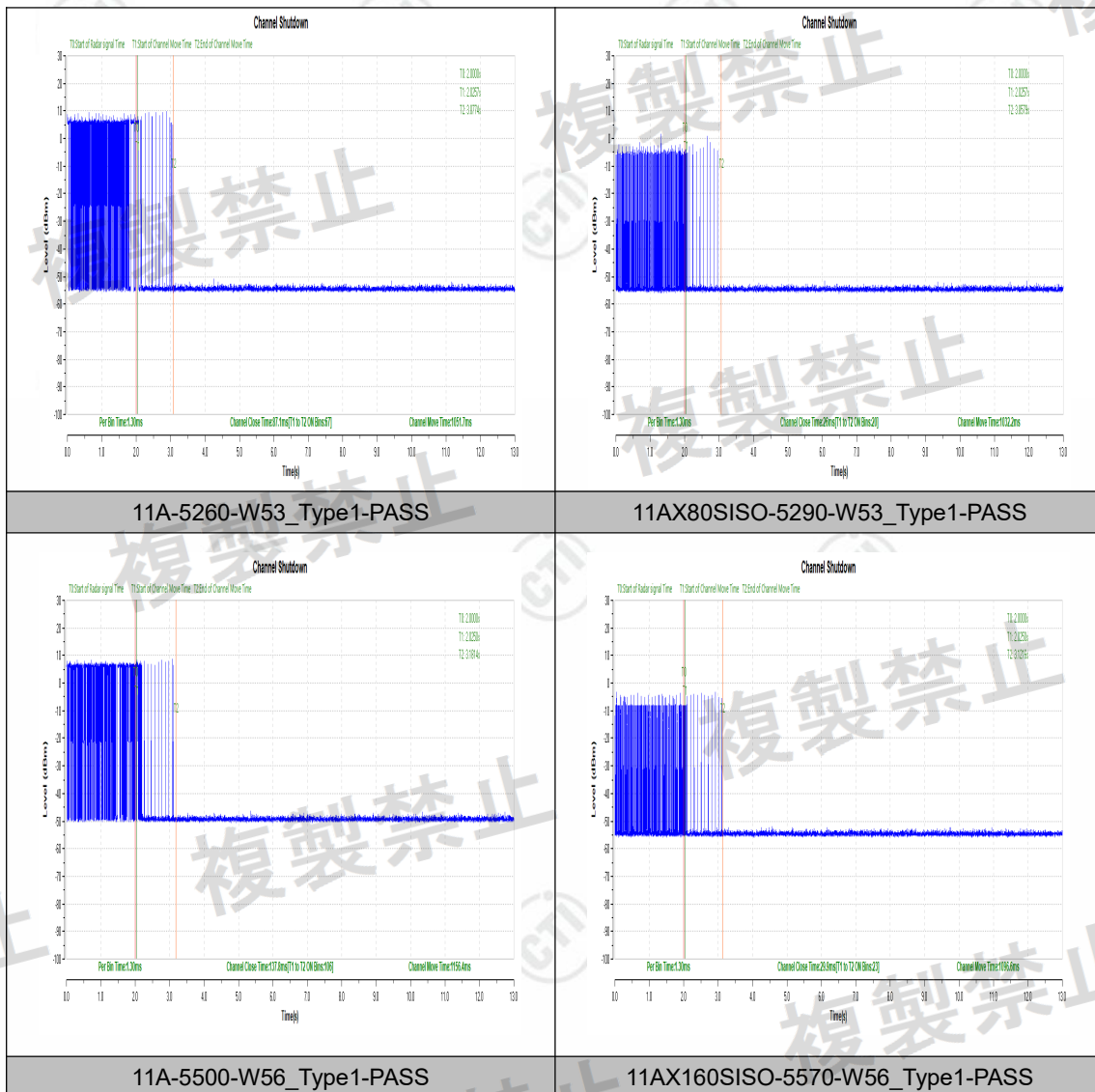
Appendix C: Channel Move Time and Channel Closing

Transmission Time

Test Result

TestMode	Frequency [MHz]	Radar Type	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5260	W53_Type1	87.1	260	1051.7	10000	PASS
11AX80SISO	5290	W53_Type1	26	260	1032.2	10000	PASS
11A	5500	W56_Type1	137.8	260	1156.4	10000	PASS
11AX160SISO	5570	W56_Type1	29.9	260	1096.6	10000	PASS

Test Graphs

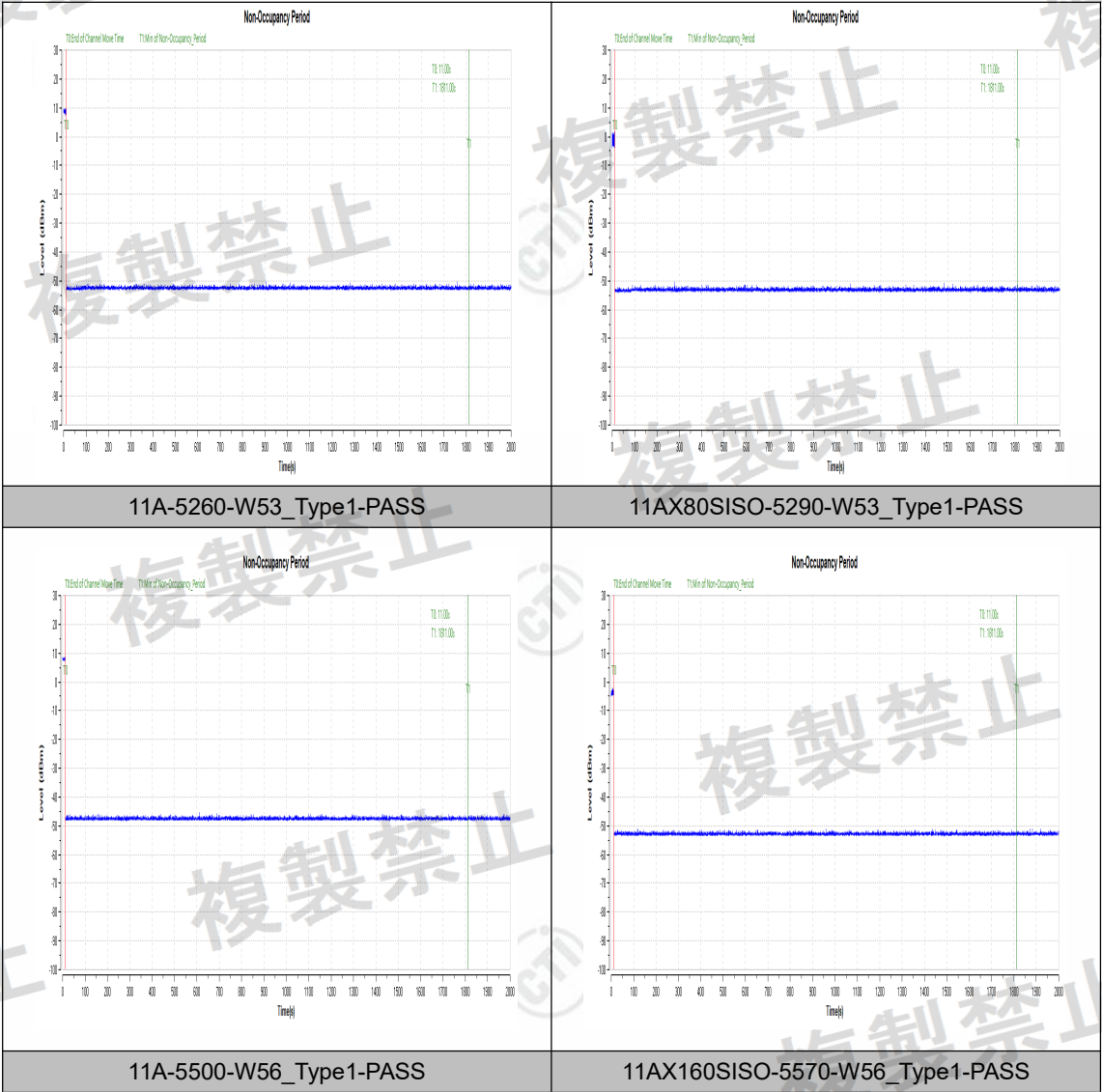


Appendix D: Non-Occupancy Period

Test Result

TestMode	Frequency [MHz]	Radar Type	Result	Limit[s]	Verdict
11A	5260	W53_Type1	see test graph	≥1800	PASS
11AX80SISO	5290	W53_Type1	see test graph	≥1800	PASS
11A	5500	W56_Type1	see test graph	≥1800	PASS
11AX160SISO	5570	W56_Type1	see test graph	≥1800	PASS

Test Graphs



Appendix E: Detection Probability Check

Test Result

Bandwidth	Radar Freq.(MHz)	Test Trail	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7	Type 8
160MHz	5251	1	1	1	1	0	1	1	0	1
	5251	2	0	1	1	0	1	1	1	1
	5260	3	1	1	0	1	1	1	1	1
	5260	4	1	1	1	1	1	1	0	1
	5270	5	1	1	1	1	1	1	1	1
	5270	6	1	1	1	1	1	1	1	1
	5280	7	0	0	1	1	1	1	1	1
	5280	8	1	0	1	1	1	1	1	0
	5290	9	1	1	1	1	1	1	1	1
	5290	10	1	1	1	1	1	0	1	1
	5290	11	1	1	0	1	1	1	1	1
	5290	12	1	1	1	1	1	1	1	1
	5300	13	1	1	0	1	1	1	1	1
	5300	14	1	1	1	1	1	0	1	1
	5310	15	1	1	1	1	1	1	1	1
	5310	16	1	1	0	1	1	1	1	1
	5320	17	1	1	1	1	1	1	1	1
	5320	18	1	1	1	1	1	1	1	1
	5329	19	1	1	1	1	0	1	1	1
	5329	20	1	1	0	1	1	1	1	1
Detection Percentage			90%	90%	85%	90%	95%	90%	90%	95%
Limit			60%	60%	60%	60%	60%	60%	60%	60%
Result			Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Bandwidth	Radar Freq.(MHz)	Test Trail	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	CR	FH
160MHz	5560	1	1	1	1	1	1	1	1	1
	5560	2	1	1	1	1	1	1	1	0
	5560	3	1	1	1	1	0	0	1	1
	5640	4	1	1	1	1	1	1	1	1
	5640	5	1	1	1	0	1	1	1	1
	5640	6	1	1	1	1	1	1	1	1
	5570	7	1	1	1	1	1	1	1	1
	5570	8	1	1	1	1	1	1	1	1
	5580	9	1	1	1	0	1	1	1	1
	5580	10	1	1	1	1	1	0	0	1
	5590	11	1	1	1	1	1	0	1	1
	5590	12	1	1	1	1	0	1	1	1
	5600	13	1	1	1	1	1	1	1	1
	5600	14	1	1	1	1	1	1	1	1
	5610	15	1	1	1	0	1	0	1	1
	5610	16	1	1	1	1	1	0	1	1
	5620	17	1	1	1	1	1	1	1	1
	5620	18	1	1	1	1	1	1	1	1
	5630	19	1	1	1	1	1	0	1	1
	5630	20	1	1	1	1	1	1	1	1
Detection Percentage			100%	100%	100%	85%	90%	70%	95%	95%
Limit			60%	60%	60%	60%	60%	60%	60%	60%
Result			Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Aggregate (100% + 100% + 100% + 85%+ 90% + 70%+95%+95%)/8 =91.875%										

*** End of Report ***