

Appendix for DFS

Product Name: CloudRouterSwitch

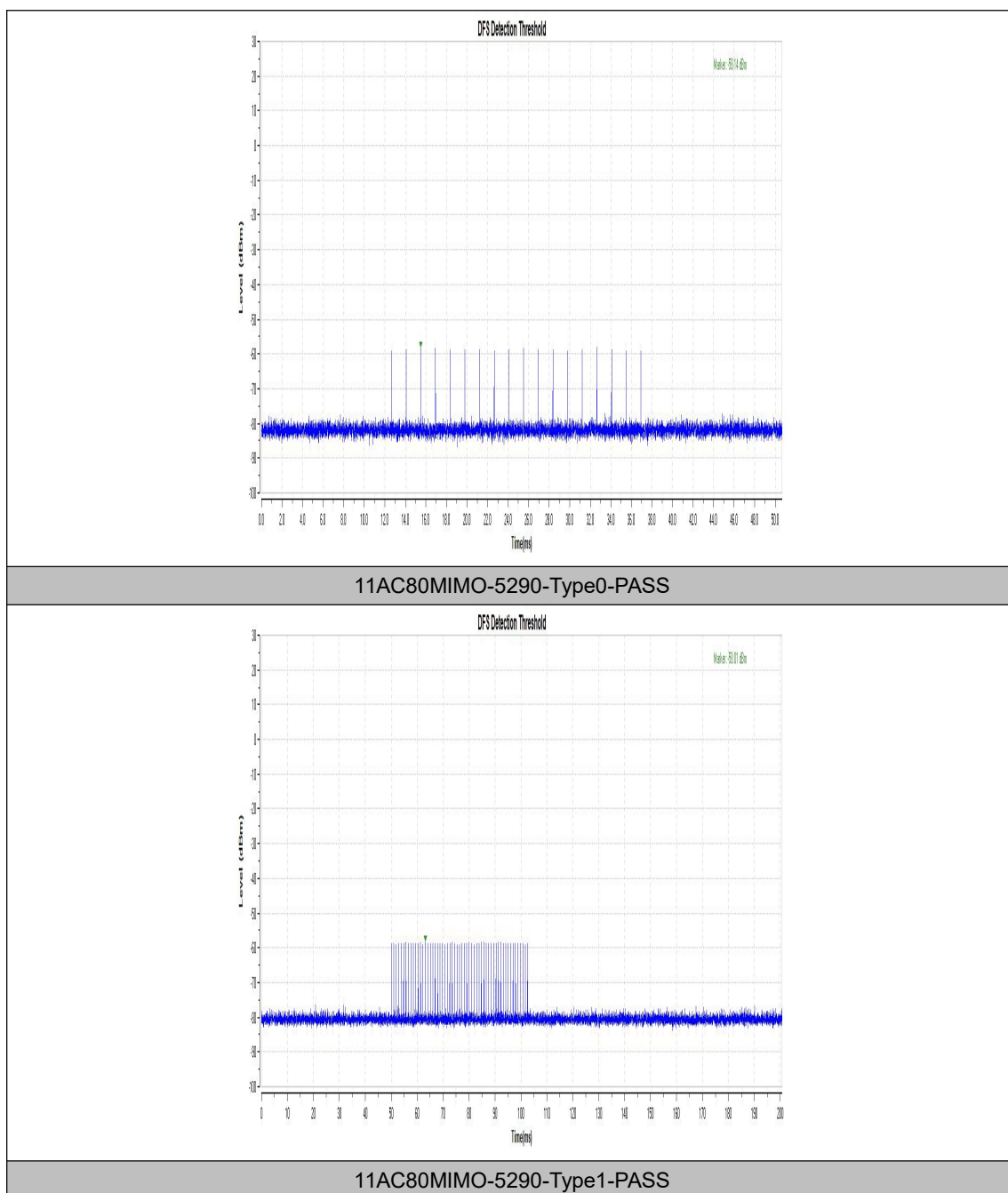
Model No: CRS418-8P-8G-2S+5axQ2axQ-RM-US

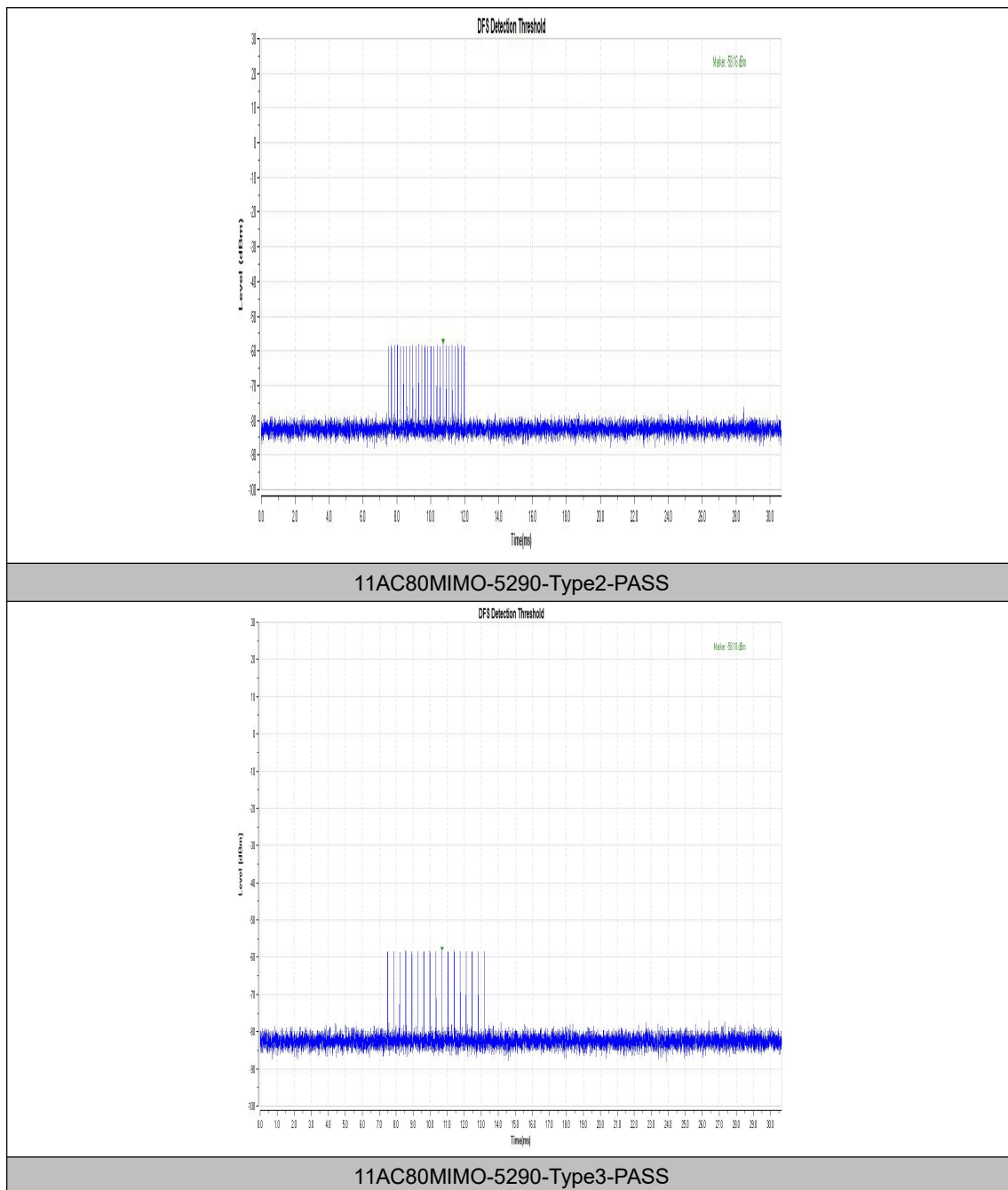
Appendix A: DFS Detection Thresholds

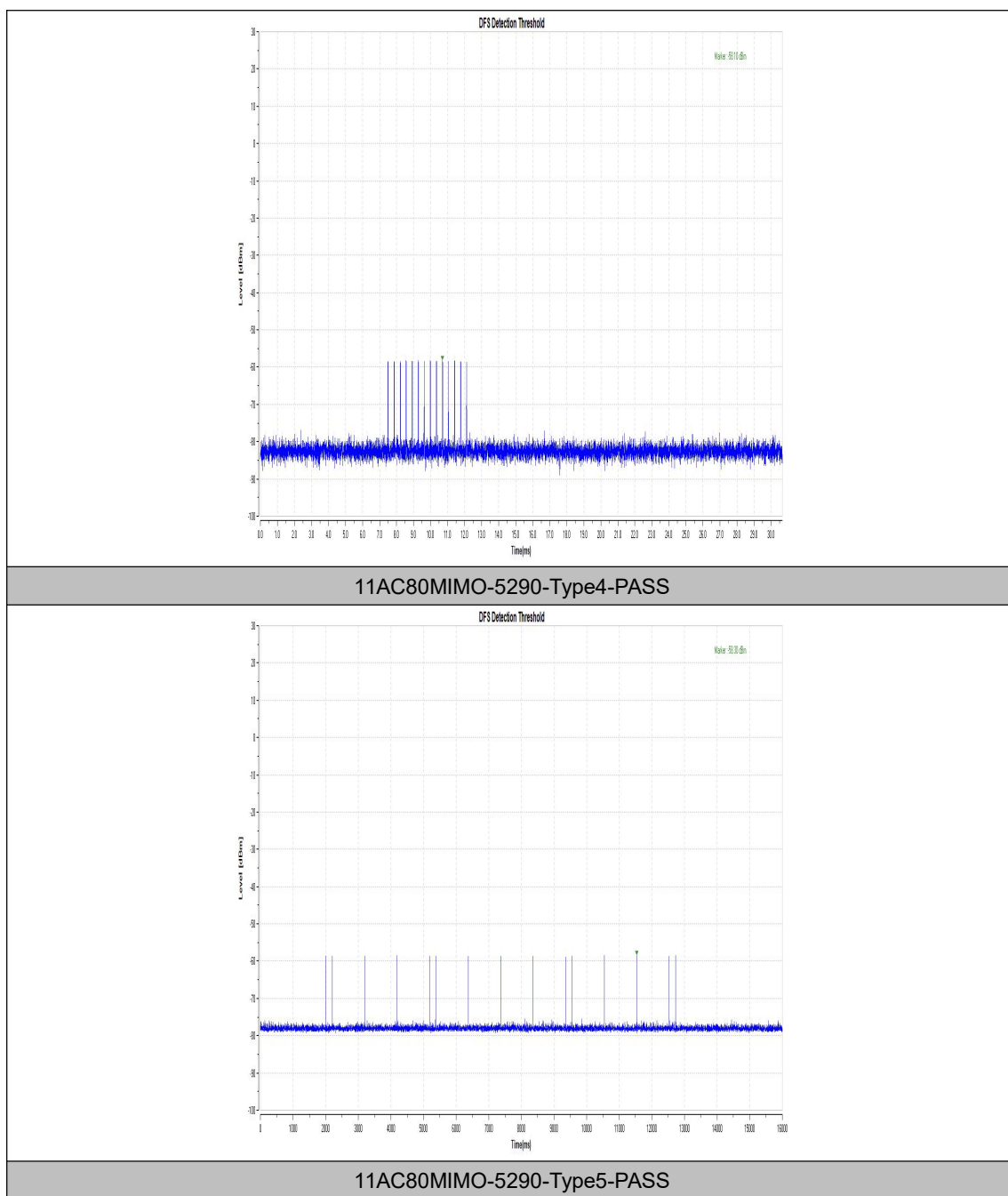
Test Result

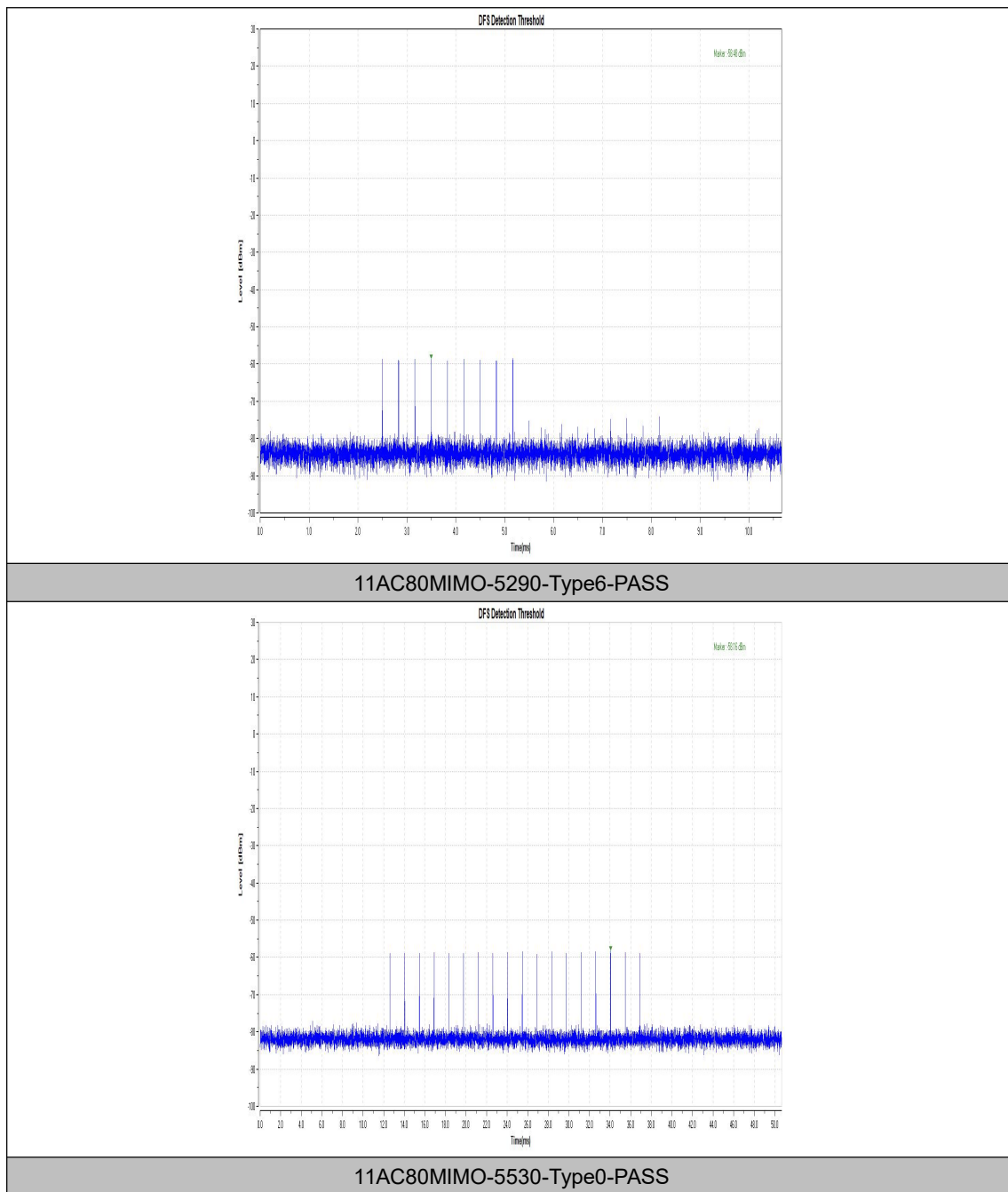
TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11AC80MIMO	5290	Type0	-58.14	-58.00	PASS
11AC80MIMO	5290	Type1	-58.01	-58.00	PASS
11AC80MIMO	5290	Type2	-58.16	-58.00	PASS
11AC80MIMO	5290	Type3	-58.18	-58.00	PASS
11AC80MIMO	5290	Type4	-58.10	-58.00	PASS
11AC80MIMO	5290	Type5	-58.30	-58.00	PASS
11AC80MIMO	5290	Type6	-58.48	-58.00	PASS
11AC80MIMO	5530	Type0	-58.16	-58.00	PASS
11AC80MIMO	5530	Type1	-58.33	-58.00	PASS
11AC80MIMO	5530	Type2	-58.19	-58.00	PASS
11AC80MIMO	5530	Type3	-58.17	-58.00	PASS
11AC80MIMO	5530	Type4	-58.17	-58.00	PASS
11AC80MIMO	5530	Type5	-58.15	-58.00	PASS
11AC80MIMO	5530	Type6	-58.33	-58.00	PASS

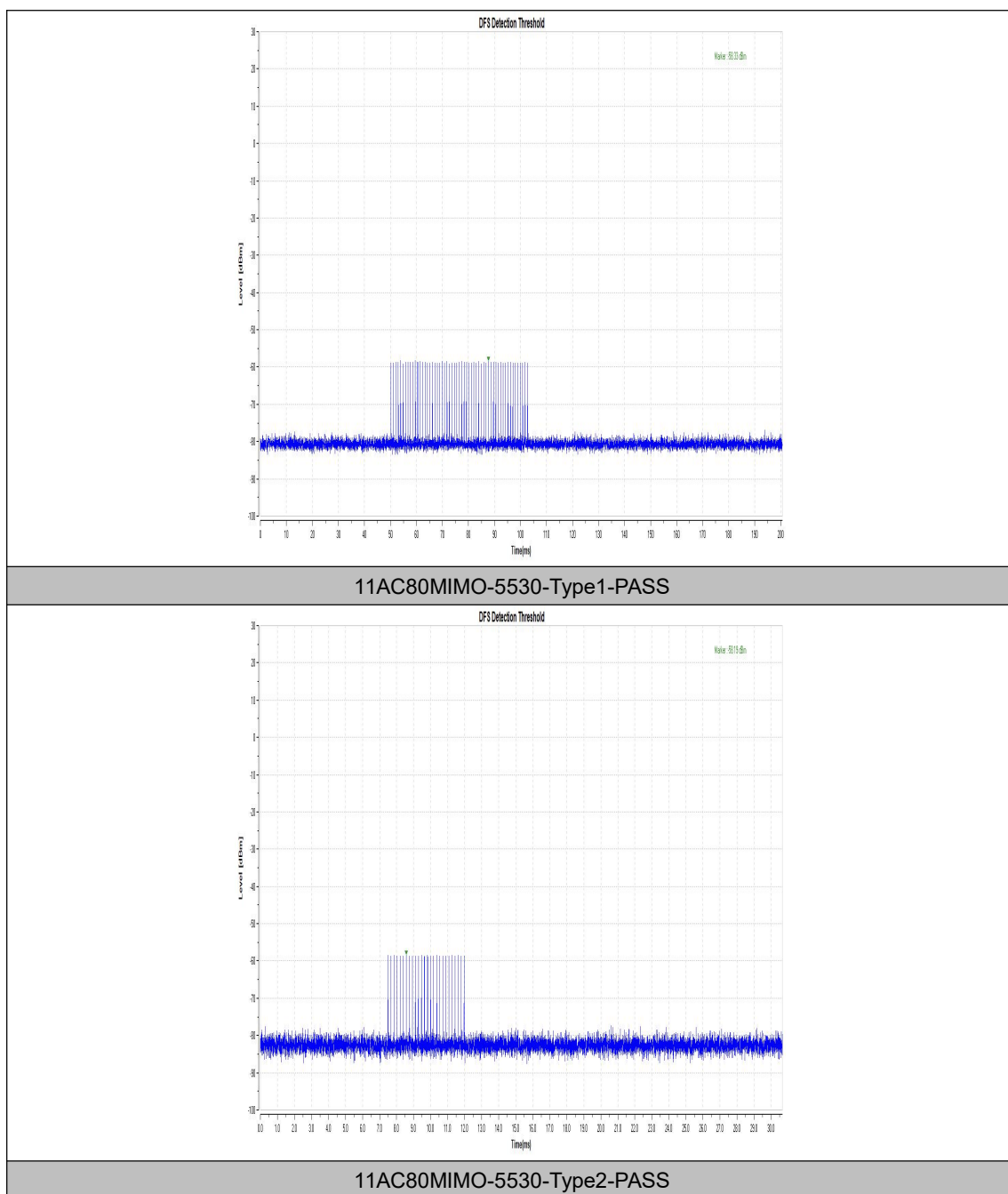
Test Graphs

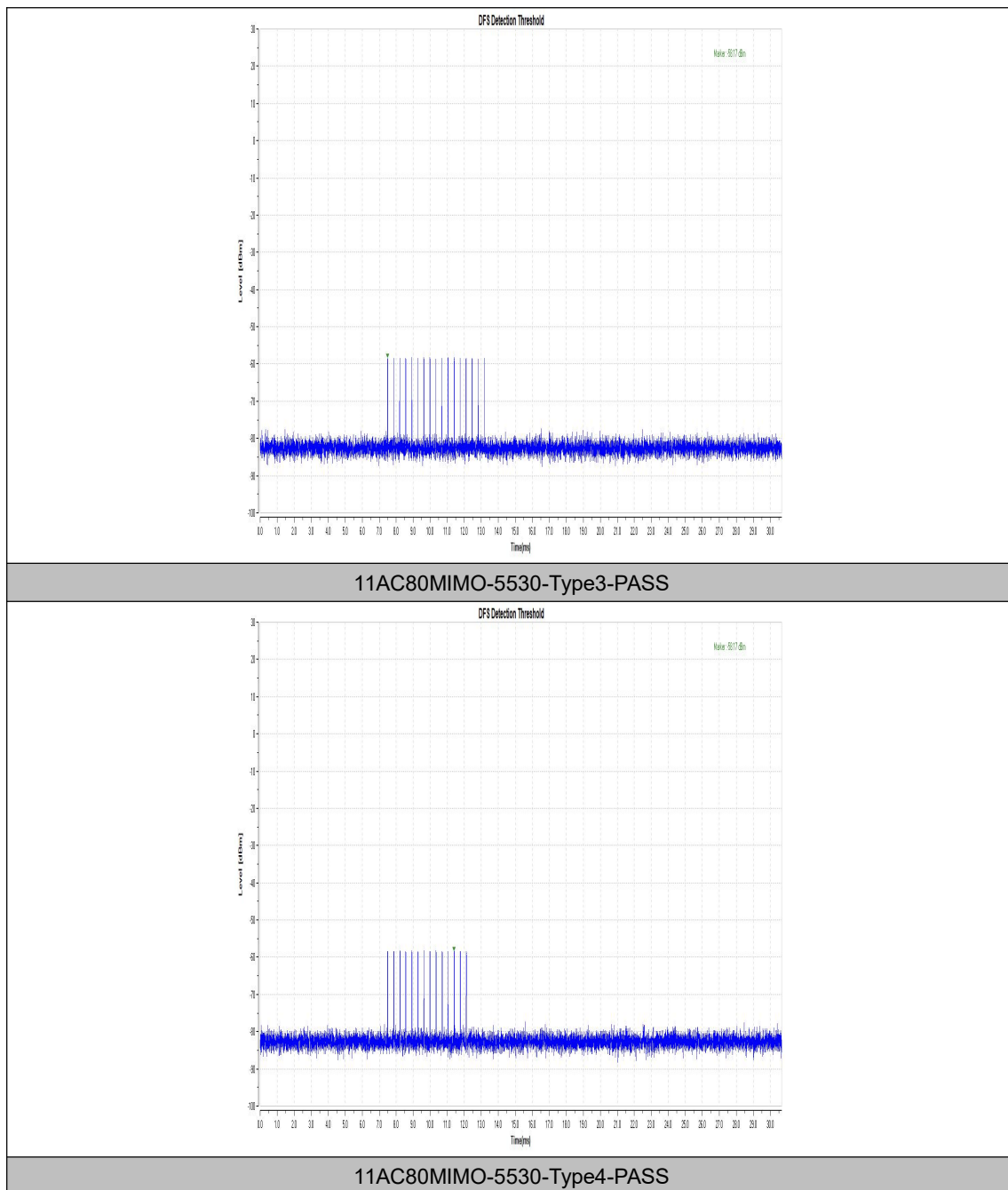


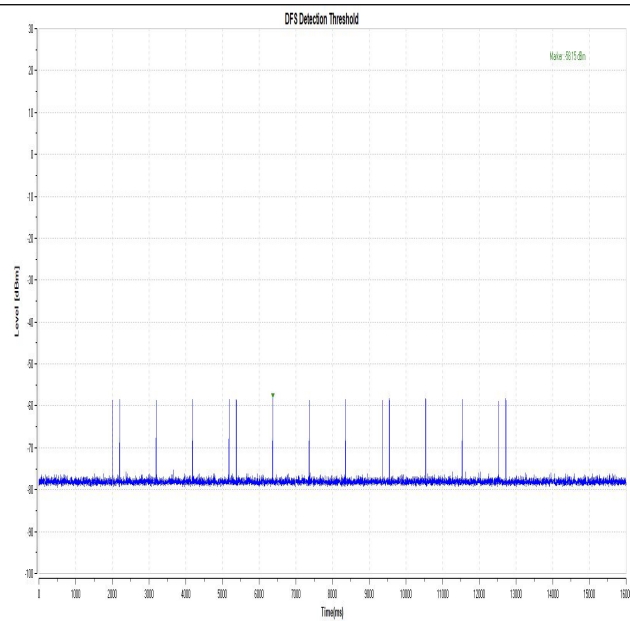




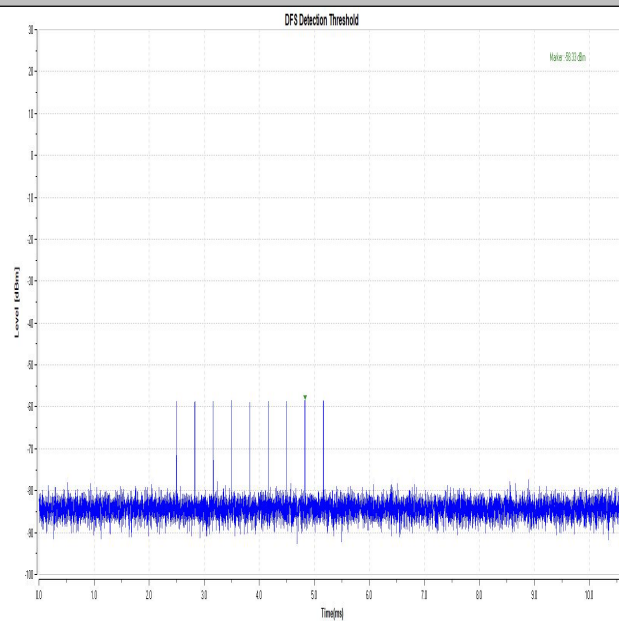








11AC80MIMO-5530-Type5-PASS



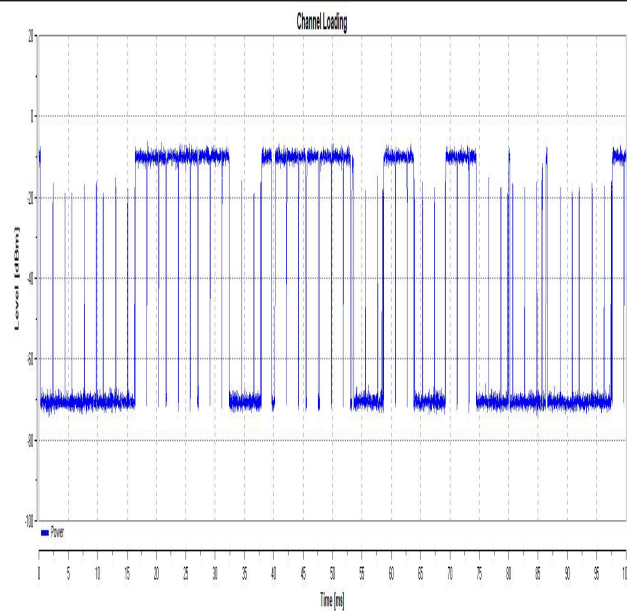
11AC80MIMO-5530-Type6-PASS

Appendix B: Channel Loading

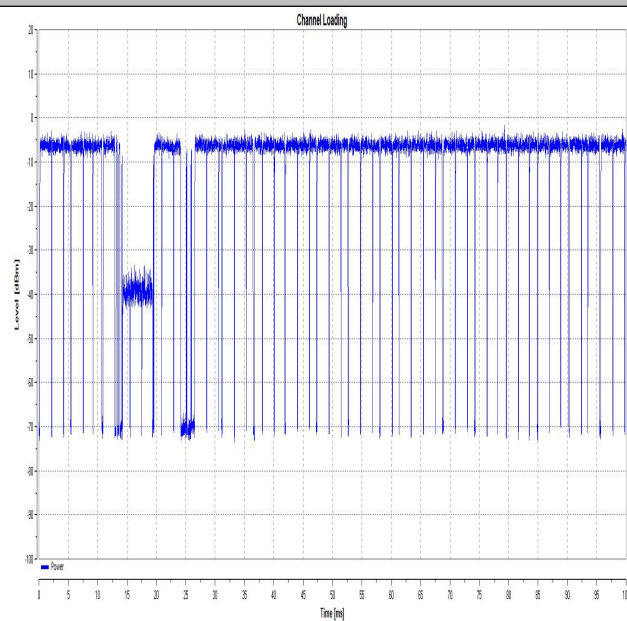
Test Result

TestMode	Frequency[MHz]	Result	Limit [%]	Verdict
11AC80MIMO	5290	44.81	17	PASS
11AC80MIMO	5530	87.32	17	PASS

Test Graphs



11AC80MIMO-5290-PASS



11AC80MIMO-5530-PASS

Appendix C: Channel Availability Check Time

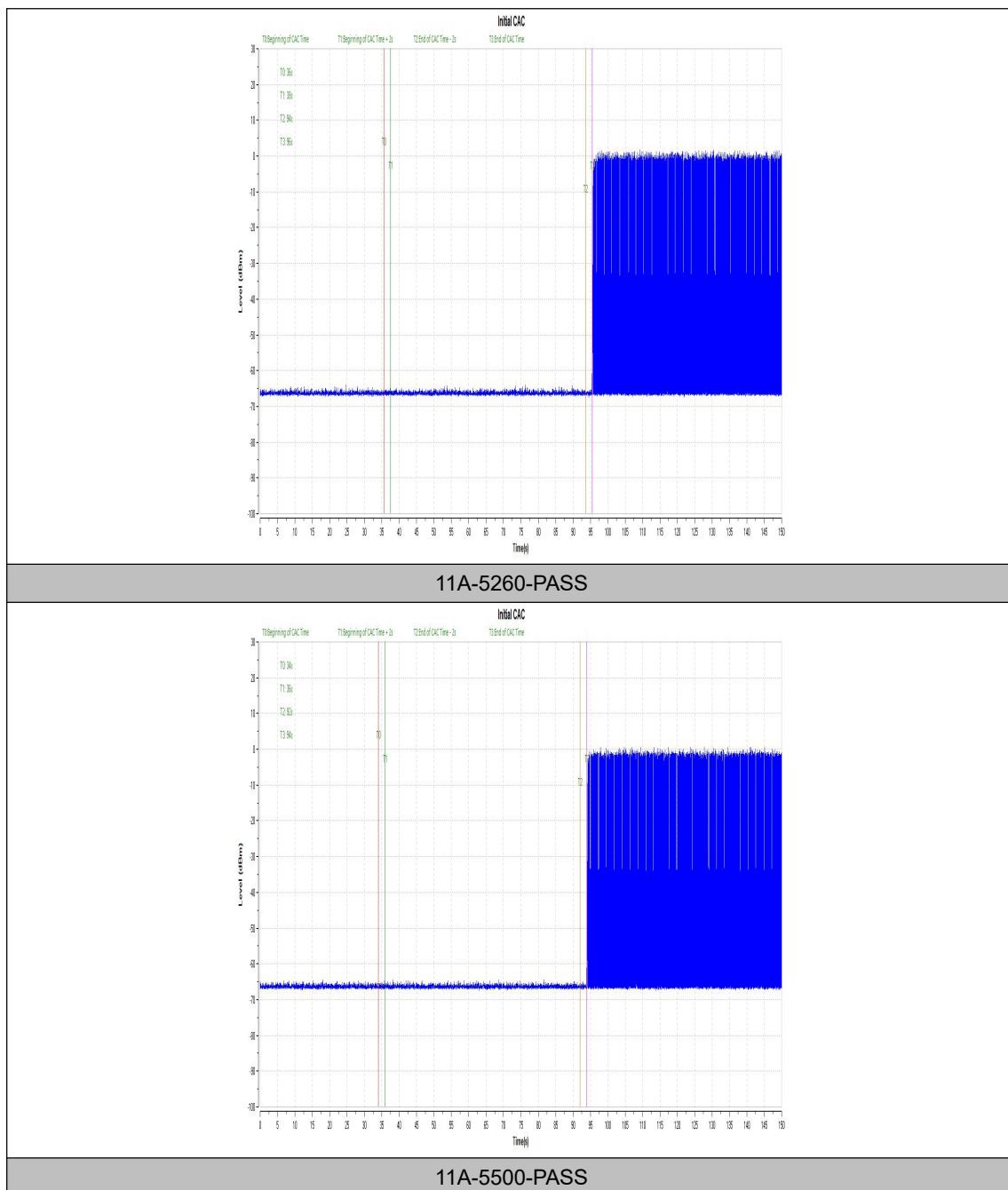
Test Result

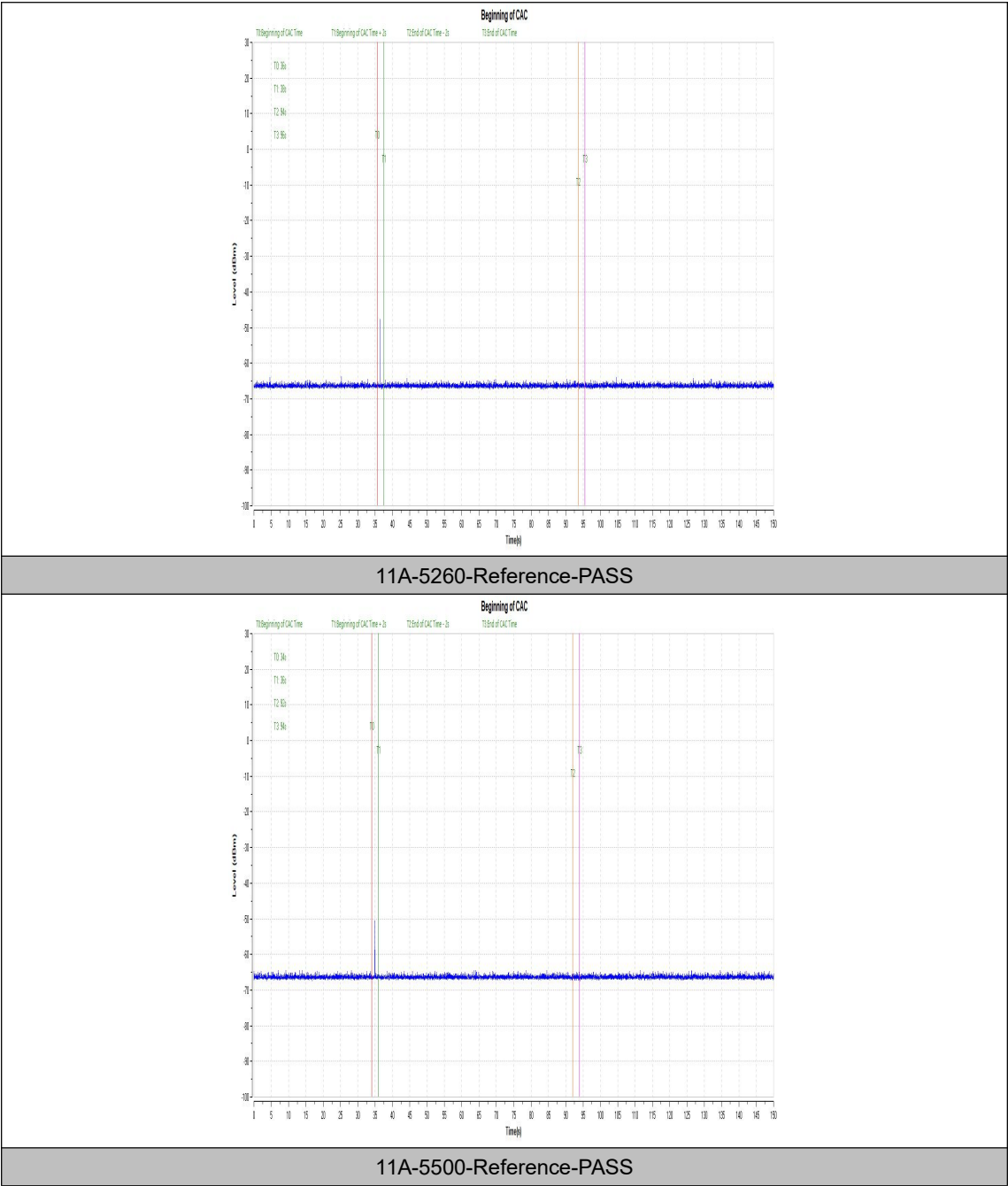
TestMode	Frequency[MHz]	Result	Verdict
11AC80MIMO	5290	See test Graph	PASS
11AC80MIMO	5530	See test Graph	PASS

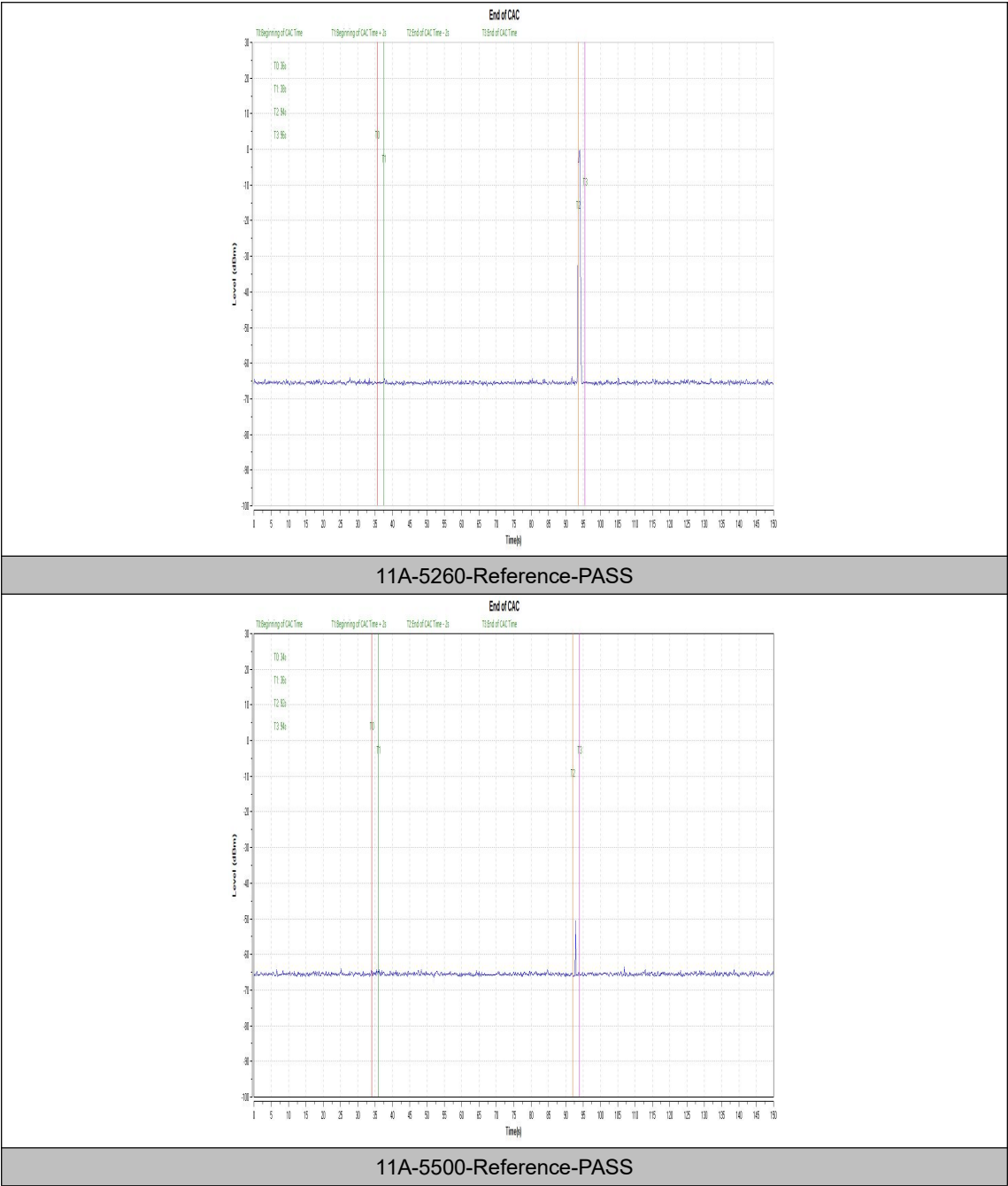
TestMode	Frequency[MHz]	Result	Verdict
11AC80MIMO	5290	See test Graph	PASS
11AC80MIMO	5530	See test Graph	PASS

TestMode	Frequency[MHz]	Result	Verdict
11AC80MIMO	5290	See test Graph	PASS
11AC80MIMO	5530	See test Graph	PASS

Test Graphs







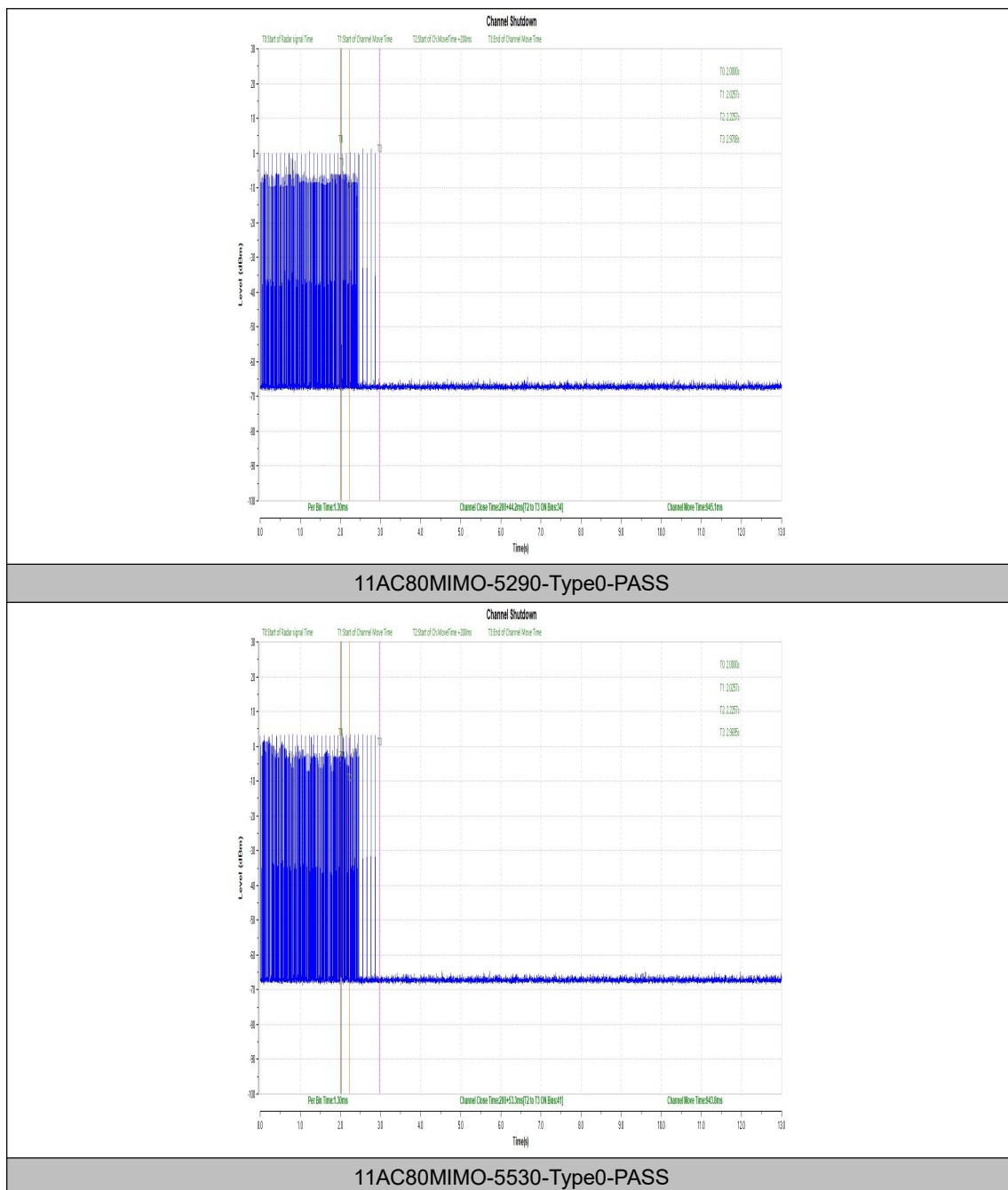
Appendix D: Channel Move Time and Channel Closing

Transmission Time

Test Result

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80MIMO	5290	200+44.2	200+60	945.1	10000	PASS
11AC80MIMO	5530	200+53.3	200+60	943.8	10000	PASS

Test Graphs

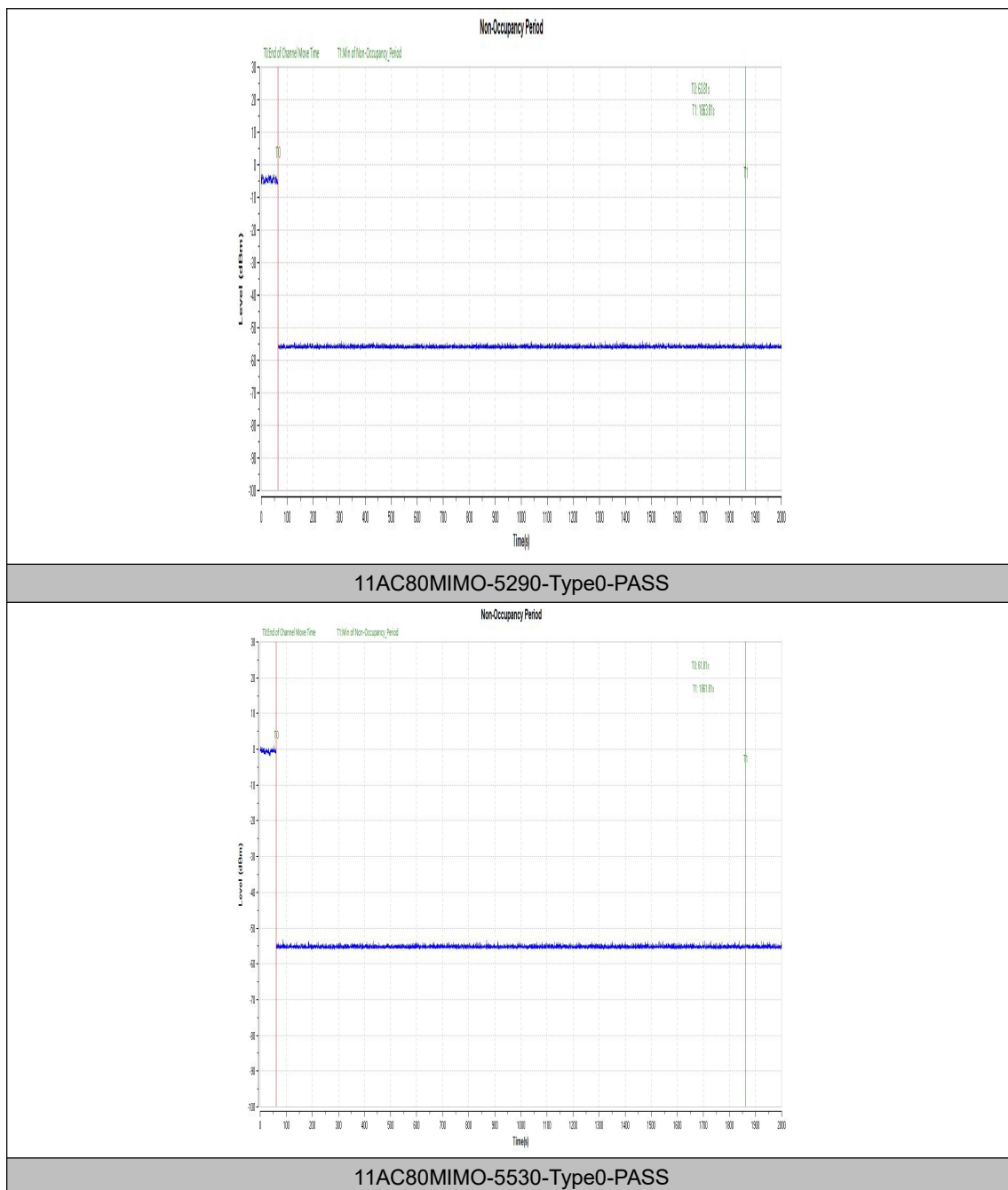


Appendix E: Non-Occupancy Period

Test Result

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11AC80MIMO	5290	see test graph	≥1800	PASS
11AC80MIMO	5530	see test graph	≥1800	PASS

Test Graphs



Appendix F: U-NII Detection Bandwidth

Test Result

Detection Bandwidth (802.11ax-HE20 mode-5260MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5250	Type 0	10	0	0	0	/
5250.3 FL	Type 0	10	10	100	100	Complied
5251	Type 0	10	10	100	100	Complied
5252	Type 0	10	10	100	100	Complied
5253	Type 0	10	10	100	100	Complied
5254	Type 0	10	10	100	100	Complied
5255	Type 0	10	10	100	100	Complied
5260	Type 0	10	10	100	100	Complied
5265	Type 0	10	10	100	100	Complied
5266	Type 0	10	10	100	100	Complied
5267	Type 0	10	10	100	100	Complied
5268	Type 0	10	10	100	100	Complied
5269	Type 0	10	10	100	100	Complied
5269.7 FH	Type 0	10	10	100	100	Complied
5270	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5260MHz. The 99% channel bandwidth is 19.20MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5269.7MHz-5250.3MHz=19.4MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 19.20MHzx100%=19.20MHz.						

Detection Bandwidth (802.11ax-HE40 mode-5270MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5250	Type 0	10	0	0	0	/
5251 FL	Type 0	10	10	100	100	Complied
5252	Type 0	10	10	100	100	Complied
5253	Type 0	10	10	100	100	Complied
5254	Type 0	10	10	100	100	Complied
5255	Type 0	10	10	100	100	Complied
5260	Type 0	10	10	100	100	Complied
5265	Type 0	10	10	100	100	Complied
5270	Type 0	10	10	100	100	Complied
5275	Type 0	10	10	100	100	Complied
5280	Type 0	10	10	100	100	Complied
5285	Type 0	10	10	100	100	Complied
5286	Type 0	10	10	100	100	Complied
5287	Type 0	10	10	100	100	Complied
5288	Type 0	10	10	100	100	Complied
5289 FH	Type 0	10	10	100	100	Complied
5290	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 37.76MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5290MHz-5251MHz=39MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 37.76MHzx100%=37.76MHz.						

Detection Bandwidth (802.11ax-HE80 mode-5290MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5250	Type 0	10	0	0	0	/
5250.3 FL	Type 0	10	10	100	100	Complied
5251	Type 0	10	10	100	100	Complied
5252	Type 0	10	10	100	100	Complied
5253	Type 0	10	10	100	100	Complied
5254	Type 0	10	10	100	100	Complied
5255	Type 0	10	10	100	100	Complied
5260	Type 0	10	10	100	100	Complied
5265	Type 0	10	10	100	100	Complied
5270	Type 0	10	10	100	100	Complied
5275	Type 0	10	10	100	100	Complied
5280	Type 0	10	10	100	100	Complied
5285	Type 0	10	10	100	100	Complied
5290	Type 0	10	10	100	100	Complied
5295	Type 0	10	10	100	100	Complied
5300	Type 0	10	10	100	100	Complied
5305	Type 0	10	10	100	100	Complied
5310	Type 0	10	10	100	100	Complied
5315	Type 0	10	10	100	100	Complied
5320	Type 0	10	10	100	100	Complied
5325	Type 0	10	10	100	100	Complied
5326	Type 0	10	10	100	100	Complied
5327	Type 0	10	10	100	100	Complied
5328	Type 0	10	10	100	100	Complied
5329	Type 0	10	10	100	100	Complied
5329.7 FH	Type 0	10	10	100	100	Complied
5330	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 79.36MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5329.7MHz-5250.3MHz=79.4MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 79.36MHzx100%=79.36MHz.						

Appendix G: Statistical Performance check

Test Result

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5250	1	1930.5	518	1
2	5251	16	1222.5	818	1
3	5252	3	1792.1	558	1
4	5253	4	1730.1	578	1
5	5254	22	1066.1	938	1
6	5255	6	1618.1	618	1
7	5256	7	1567.4	638	1
8	5257	8	1519.8	658	1
9	5258	9	1474.9	678	0
10	5258	10	1432.7	698	1
11	5259	5	1672.2	598	1
12	5260	12	1355	738	1
13	5261	11	1392.8	718	1
14	5262	14	1285.3	778	0
15	5263	15	1253.1	798	1
16	5264	13	1319.3	758	1
17	5265	17	1193.3	838	1
18	5266	18	1165.6	858	1
19	5267	19	1139	878	1
20	5268	20	1113.6	898	1
21	5269	21	1089.3	918	1
22	5270	2	1858.7	538	1
23	5250	23	326.2	3066	1
24	5251	-	1692.0	591	1
25	5252	-	881.8	1134	1
26	5253	-	517.6	1932	1
27	5254	-	1216.5	822	1
28	5255	-	328.1	3048	1
29	5256	-	427.4	2340	1
30	5257	-	801.3	1248	0
Detection Percentage (%)					90.00
Limit					60%

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Test Result	Complied
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Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Number of Pulses	1=Detection 0=Detection
1	5305	4	206	28	1
2	5259	1	160	25	1
3	5289	2	200	28	0
4	5286	2	180	26	1
5	5253	4	229	23	1
6	5256	2	157	28	1
7	5258	1	219	29	1
8	5274	5	203	26	1
9	5285	5	175	28	0
10	5280	2	222	25	0
11	5292	2	209	23	1
12	5318	1	217	29	1
13	5300	1	221	24	1
14	5302	1	176	23	1
15	5253	1	188	27	1
16	5295	4	185	24	1
17	5257	4	185	23	1
18	5322	1	158	28	1
19	5312	2	186	26	1
20	5284	5	214	25	1
21	5316	4	159	28	1
22	5280	5	202	26	1
23	5286	1	152	26	1
24	5322	1	159	29	0
25	5302	1	198	28	1
26	5327	4	228	28	1
27	5309	3	193	25	1
28	5269	1	167	27	1
29	5255	5	225	28	1
30	5266	5	217	29	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5249	8	360	16	0
2	5272	9	311	17	1
3	5268	10	470	17	1
4	5264	10	220	16	1
5	5260	10	204	17	1
6	5275	7	235	17	1
7	5274	10	493	17	1
8	5272	10	292	18	1
9	5231	6	409	17	1
10	5288	10	285	16	1
11	5260	8	486	18	1
12	5265	7	450	18	1
13	5267	10	413	16	1
14	5216	7	218	17	0
15	5274	10	281	16	1
16	5274	10	464	17	1
17	5237	9	299	17	1
18	5275	6	345	18	1
19	5287	8	213	16	1
20	5249	10	222	18	1
21	5255	9	491	16	1
22	5268	6	227	18	1
23	5224	10	467	17	1
24	5251	10	219	18	0
25	5238	6	455	16	1
26	5226	6	237	17	1
27	5244	8	262	18	1
28	5274	7	297	16	1
29	5249	8	455	18	1
30	5257	7	468	17	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

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Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5265	19	362	16	1
2	5266	19	331	15	1
3	5288	11	224	13	1
4	5254	15	406	15	1
5	5276	13	484	12	1
6	5262	11	207	15	1
7	5261	20	450	12	1
8	5276	20	220	16	1
9	5255	16	403	12	1
10	5268	13	391	12	1
11	5260	17	468	13	1
12	5255	16	389	13	0
13	5276	20	245	15	1
14	5275	18	288	13	1
15	5271	16	257	15	1
16	5276	11	351	12	1
17	5252	12	353	12	1
18	5280	20	295	16	1
19	5287	11	404	15	1
20	5277	18	247	15	1
21	5260	17	422	14	1
22	5280	17	493	16	1
23	5255	18	377	15	1
24	5263	16	479	13	1
25	5259	13	281	13	1
26	5273	15	334	13	0
27	5250	12	455	13	1
28	5258	17	400	16	1
29	5257	12	489	16	1
30	5279	19	485	16	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	90.00
2	86.67
3	90.00
4	93.33
Aggregate(Radar Types 1-4)	90.00
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)									
Traill #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	20	1	55	15	1858	1785	486	1
2	5278	13	3	64	17	1696	1402	794	1
3	5253	12	1	83	13	--	1462	31	1
4	5286	9	1	95	5	1351	1662	210	0
5	5269	11	1	59	10	1123	1390	606	1
6	5287	19	3	63	16	1160	1603	820	1
7	5282	9	2	63	16	1584	--	916	1
8	5283	19	1	70	12	1508	1250	293	1
9	5276	13	3	97	15	1157	1697	721	1
10	5259	10	3	64	15	1054	1855	414	1
11	5262	16	1	95	12	--	1093	94	0
12	5272	17	3	97	18	1880	1701	720	1
13	5289	16	2	65	14	1349	1708	271	1
14	5273	12	1	97	10	1107	1810	664	1
15	5290	17	3	89	15	1523	1294	461	1
16	5250	11	3	54	17	1897	--	162	1
17	5286	8	3	76	20	1362	1258	152	1
18	5262	13	3	62	18	1872	1617	399	1
19	5288	10	2	86	7	1207	1452	664	1
20	5289	12	1	68	12	1345	1038	332	1
21	5256	14	1	64	20	1359	1324	742	1
22	5263	8	2	87	12	1315	1079	167	1
23	5250	14	1	65	8	1441	1100	567	1
24	5284	8	1	90	11	1641	1203	939	0
25	5262	8	3	61	8	1464	1755	155	1
26	5260	10	2	74	20	1382	1473	443	1
27	5268	14	1	76	16	1092	1107	329	1
28	5284	20	3	99	13	1158	1590	742	1
29	5251	16	3	88	6	1509	1357	893	1
30	5279	18	2	93	18	--	--	687	1
Detection Percentage (%)									90.00
Limit									80%

Test Result	Complied
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Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5260	9	1	333	1
2	5260	9	1	333	1
3	5260	9	1	333	1
4	5260	9	1	333	1
5	5260	9	1	333	0
6	5260	9	1	333	1
7	5260	9	1	333	1
8	5260	9	1	333	1
9	5260	9	1	333	1
10	5260	9	1	333	1
11	5260	9	1	333	1
12	5260	9	1	333	1
13	5260	9	1	333	1
14	5260	9	1	333	0
15	5260	9	1	333	0
16	5260	9	1	333	1
17	5260	9	1	333	1
18	5260	9	1	333	1
19	5260	9	1	333	1
20	5260	9	1	333	1
21	5260	9	1	333	1
22	5260	9	1	333	1
23	5260	9	1	333	1
24	5260	9	1	333	1
25	5260	9	1	333	1
26	5260	9	1	333	0
27	5260	9	1	333	1
28	5260	9	1	333	1
29	5260	9	1	333	1
30	5260	9	1	333	0
Detection Percentage (%)					83.33
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5269	1	1930.5	518	1
2	5278	16	1222.5	818	1
3	5253	3	1792.1	558	1
4	5286	4	1730.1	578	1
5	5269	22	1066.1	938	1
6	5287	6	1618.1	618	1
7	5282	7	1567.4	638	1
8	5283	8	1519.8	658	0
9	5276	9	1474.9	678	1
10	5259	10	1432.7	698	1
11	5262	5	1672.2	598	1
12	5272	12	1355	738	1
13	5289	11	1392.8	718	1
14	5273	14	1285.3	778	1
15	5290	15	1253.1	798	1
16	5250	13	1319.3	758	1
17	5286	17	1193.3	838	1
18	5262	18	1165.6	858	1
19	5288	19	1139	878	1
20	5289	20	1113.6	898	1
21	5256	21	1089.3	918	1
22	5263	2	1858.7	538	1
23	5250	23	326.2	3066	1
24	5284	-	1692.0	591	0
25	5262	-	881.8	1134	1
26	5260	-	517.6	1932	1
27	5268	-	1216.5	822	1
28	5284	-	328.1	3048	1
29	5251	-	427.4	2340	1
30	5279	-	801.3	1248	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

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Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5310	2	175	26	1
2	5303	3	157	24	1
3	5316	4	151	23	0
4	5267	3	152	23	1
5	5329	3	212	27	1
6	5330	5	171	29	1
7	5302	4	157	27	0
8	5250	1	208	27	1
9	5312	1	150	27	1
10	5304	1	228	23	1
11	5251	2	212	23	1
12	5322	2	204	26	1
13	5323	3	150	25	1
14	5283	2	207	29	1
15	5257	2	217	25	0
16	5304	4	156	23	1
17	5274	4	170	27	1
18	5263	2	216	23	1
19	5320	4	183	24	1
20	5330	5	155	27	1
21	5325	1	157	24	0
22	5281	5	202	29	1
23	5304	4	208	28	1
24	5255	2	223	28	1
25	5287	3	229	23	1
26	5262	1	182	25	1
27	5250	1	183	27	1
28	5315	5	165	26	0
29	5316	3	221	29	1
30	5251	1	162	25	1
Detection Percentage (%)					83.33
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

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Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5256	7	354	17	1
2	5278	7	455	18	1
3	5274	10	271	18	1
4	5281	9	328	16	1
5	5216	7	398	17	0
6	5248	6	297	16	1
7	5229	9	251	17	1
8	5244	7	417	18	1
9	5255	7	460	18	1
10	5263	6	218	16	1
11	5226	8	398	17	1
12	5228	7	398	16	1
13	5220	7	414	16	1
14	5224	7	456	18	1
15	5229	10	382	18	1
16	5275	8	457	17	0
17	5226	7	356	17	1
18	5265	10	244	17	1
19	5285	10	467	18	1
20	5290	9	365	18	1
21	5256	7	237	17	1
22	5251	7	397	17	1
23	5271	6	437	16	1
24	5250	10	284	18	1
25	5266	9	262	17	1
26	5265	10	418	16	1
27	5285	6	458	18	1
28	5241	10	347	16	1
29	5244	6	497	17	0
30	5283	7	300	16	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5250	18	201	13	1
2	5289	11	387	16	1
3	5271	14	481	12	1
4	5259	12	420	16	1
5	5271	15	442	12	1
6	5284	15	242	14	1
7	5271	15	490	12	0
8	5256	19	429	15	1
9	5276	11	400	13	1
10	5253	11	231	15	1
11	5250	11	325	12	0
12	5256	16	271	13	1
13	5290	16	256	12	1
14	5265	18	460	13	1
15	5264	11	409	12	1
16	5255	11	269	13	1
17	5288	16	352	13	1
18	5289	18	467	13	1
19	5277	11	204	12	0
20	5286	11	213	14	1
21	5267	19	225	14	1
22	5280	16	204	13	1
23	5279	18	387	14	1
24	5275	15	274	13	1
25	5257	15	269	15	1
26	5281	13	246	13	1
27	5274	20	255	12	1
28	5256	15	322	16	0
29	5254	20	439	15	1
30	5286	20	303	13	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	93.33
2	83.33
3	90.00
4	86.67
Aggregate(Radar Types 1-4)	88.33
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)									
Traill #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	14	2	95	9	1247	1818	942	1
2	5278	12	2	68	7	1629	1920	239	1
3	5253	17	1	57	6	--	1745	60	1
4	5286	14	3	91	14	1579	1589	280	1
5	5269	10	3	91	16	1425	1848	600	1
6	5287	9	2	53	12	1258	1902	310	1
7	5282	17	2	74	18	1850	1420	436	0
8	5283	8	3	94	13	1612	1784	658	1
9	5276	8	2	92	8	--	--	830	1
10	5259	19	1	69	10	1373	1065	60	1
11	5262	10	1	86	16	1928	1849	207	1
12	5272	9	2	80	6	1362	1393	960	1
13	5289	19	3	93	12	1406	1452	461	1
14	5273	9	3	79	13	1563	1684	330	1
15	5290	9	3	92	7	1360	1635	45	1
16	5250	9	2	62	18	1538	1205	690	1
17	5286	9	2	78	5	1684	1266	225	1
18	5262	15	2	61	12	1351	1350	622	0
19	5288	19	2	63	14	--	1046	159	1
20	5289	20	1	79	6	1679	--	523	1
21	5256	17	2	79	13	1467	1638	255	1
22	5263	12	2	75	13	1824	1959	864	1
23	5250	16	2	86	9	1774	1391	359	1
24	5284	19	2	100	20	1844	1132	824	1
25	5262	12	1	84	12	1970	1931	637	1
26	5260	10	3	95	14	--	--	872	1
27	5268	15	2	65	14	1815	1321	534	1
28	5284	8	1	72	20	1383	1246	450	1
29	5251	8	2	50	16	1600	1760	889	0
30	5279	8	3	54	14	1282	--	425	1
Detection Percentage (%)									90.00
Limit									80%

Test Result	Complied
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Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5270	9	1	333	1
2	5270	9	1	333	1
3	5270	9	1	333	1
4	5270	9	1	333	0
5	5270	9	1	333	1
6	5270	9	1	333	1
7	5270	9	1	333	1
8	5270	9	1	333	1
9	5270	9	1	333	1
10	5270	9	1	333	1
11	5270	9	1	333	1
12	5270	9	1	333	0
13	5270	9	1	333	1
14	5270	9	1	333	1
15	5270	9	1	333	1
16	5270	9	1	333	0
17	5270	9	1	333	1
18	5270	9	1	333	1
19	5270	9	1	333	1
20	5270	9	1	333	1
21	5270	9	1	333	1
22	5270	9	1	333	1
23	5270	9	1	333	1
24	5270	9	1	333	1
25	5270	9	1	333	1
26	5270	9	1	333	1
27	5270	9	1	333	1
28	5270	9	1	333	1
29	5270	9	1	333	1
30	5270	9	1	333	1
Detection Percentage (%)					90.00
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5288	1	1930.5	518	1
2	5273	16	1222.5	818	1
3	5296	3	1792.1	558	1
4	5269	4	1730.1	578	0
5	5293	22	1066.1	938	1
6	5327	6	1618.1	618	1
7	5297	7	1567.4	638	1
8	5320	8	1519.8	658	1
9	5309	9	1474.9	678	1
10	5322	10	1432.7	698	1
11	5253	5	1672.2	598	1
12	5258	12	1355	738	0
13	5280	11	1392.8	718	0
14	5289	14	1285.3	778	1
15	5274	15	1253.1	798	1
16	5277	13	1319.3	758	1
17	5257	17	1193.3	838	1
18	5314	18	1165.6	858	1
19	5252	19	1139	878	1
20	5261	20	1113.6	898	1
21	5301	21	1089.3	918	1
22	5289	2	1858.7	538	1
23	5262	23	326.2	3066	1
24	5278	-	1692.0	591	0
25	5303	-	881.8	1134	0
26	5271	-	517.6	1932	1
27	5326	-	1216.5	822	1
28	5302	-	328.1	3048	1
29	5306	-	427.4	2340	1
30	5321	-	801.3	1248	1
Detection Percentage (%)					83.33
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

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Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5292	2	152	23	1
2	5280	2	216	27	1
3	5292	3	229	25	1
4	5251	2	226	23	1
5	5293	2	212	25	0
6	5273	1	224	23	1
7	5309	2	207	26	1
8	5312	3	169	23	1
9	5314	4	175	24	1
10	5254	5	154	26	1
11	5315	2	171	25	1
12	5271	2	208	24	1
13	5257	5	161	24	1
14	5272	3	206	23	1
15	5309	5	230	24	1
16	5303	4	183	26	1
17	5310	4	185	25	1
18	5267	4	193	25	1
19	5298	1	161	28	1
20	5302	4	196	26	1
21	5276	4	191	23	1
22	5282	5	164	28	1
23	5303	2	206	25	1
24	5306	1	190	29	1
25	5303	1	156	28	1
26	5330	4	215	27	0
27	5262	4	206	28	1
28	5253	3	216	29	1
29	5319	3	177	23	1
30	5286	3	157	26	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

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Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5252	9	444	17	1
2	5247	10	201	16	1
3	5289	10	243	16	1
4	5222	8	434	18	1
5	5247	7	409	17	1
6	5253	8	245	16	1
7	5279	9	269	17	1
8	5249	6	319	18	1
9	5259	10	408	16	1
10	5220	7	313	17	0
11	5267	10	331	18	1
12	5242	9	475	16	1
13	5252	9	323	16	1
14	5265	9	287	18	1
15	5250	8	258	18	1
16	5232	10	453	18	1
17	5244	6	296	18	1
18	5232	7	273	17	1
19	5256	8	246	17	1
20	5257	8	360	18	1
21	5225	7	203	18	1
22	5211	7	266	17	1
23	5217	6	448	16	1
24	5220	9	287	16	1
25	5268	6	237	16	1
26	5275	7	304	16	1
27	5262	9	486	17	1
28	5210	6	410	18	1
29	5262	6	357	18	1
30	5218	8	353	18	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

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Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5287	16	290	13	1
2	5273	16	425	14	1
3	5289	20	292	15	0
4	5288	12	210	13	1
5	5254	12	383	15	1
6	5266	19	356	16	1
7	5276	11	271	16	1
8	5281	17	451	13	1
9	5258	14	456	15	1
10	5254	17	239	14	1
11	5287	19	337	15	1
12	5279	12	284	13	0
13	5269	13	266	13	1
14	5257	18	491	16	1
15	5279	18	252	16	1
16	5266	11	257	12	1
17	5251	11	282	15	1
18	5273	17	236	15	1
19	5288	20	421	12	1
20	5256	11	467	15	1
21	5282	18	233	12	1
22	5286	17	232	14	1
23	5286	13	356	14	0
24	5268	18	280	16	1
25	5268	17	333	12	1
26	5286	16	475	16	1
27	5250	17	340	13	1
28	5284	13	466	12	1
29	5254	17	453	16	1
30	5266	12	217	13	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	83.33
2	93.33
3	96.67
4	90.00
Aggregate(Radar Types 1-4)	90.83
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)									
Traill #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	18	3	51	8	1538	--	211	1
2	5278	17	1	78	16	1415	1868	504	1
3	5253	12	2	62	7	1177	1312	523	1
4	5286	13	1	68	15	1518	1447	697	1
5	5269	16	3	63	15	1355	1869	812	0
6	5287	19	1	82	16	1845	1617	890	1
7	5282	13	3	92	17	1201	1345	427	1
8	5283	15	2	55	5	--	1308	392	1
9	5276	16	1	71	20	1662	--	50	1
10	5259	15	1	51	7	1014	1093	721	1
11	5262	17	2	59	14	1168	1541	23	1
12	5272	15	3	95	7	1931	1240	391	1
13	5289	12	2	54	17	1465	1595	407	1
14	5273	15	3	57	20	1220	1677	288	0
15	5290	14	2	53	7	1315	1918	292	1
16	5250	9	1	78	6	1400	1059	242	1
17	5286	13	2	83	19	--	1224	536	1
18	5262	13	1	61	9	1267	1192	826	1
19	5288	15	1	90	8	1742	1406	502	1
20	5289	12	3	85	5	1194	1599	358	1
21	5256	9	1	59	10	1403	1275	61	1
22	5263	9	3	51	15	--	--	929	1
23	5250	17	2	87	7	--	--	269	1
24	5284	19	1	73	19	1284	1059	344	1
25	5262	9	2	73	19	1948	1629	807	1
26	5260	8	1	69	8	1708	1428	817	0
27	5268	17	2	84	8	1894	1648	475	1
28	5284	11	1	95	7	1506	1088	361	1
29	5251	14	2	78	9	1610	1102	226	1
30	5279	9	1	89	7	1969	1385	222	0
Detection Percentage (%)									86.67
Limit									80%

Test Result	Complied
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Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5290	9	1	333	1
2	5290	9	1	333	1
3	5290	9	1	333	1
4	5290	9	1	333	1
5	5290	9	1	333	0
6	5290	9	1	333	1
7	5290	9	1	333	1
8	5290	9	1	333	1
9	5290	9	1	333	1
10	5290	9	1	333	1
11	5290	9	1	333	1
12	5290	9	1	333	1
13	5290	9	1	333	1
14	5290	9	1	333	1
15	5290	9	1	333	1
16	5290	9	1	333	1
17	5290	9	1	333	1
18	5290	9	1	333	1
19	5290	9	1	333	1
20	5290	9	1	333	1
21	5290	9	1	333	1
22	5290	9	1	333	1
23	5290	9	1	333	1
24	5290	9	1	333	1
25	5290	9	1	333	1
26	5290	9	1	333	1
27	5290	9	1	333	1
28	5290	9	1	333	1
29	5290	9	1	333	1
30	5290	9	1	333	1
Detection Percentage (%)					96.67
Limit					70%
Test Result					Complied