

Appendix A: DFS TDWR

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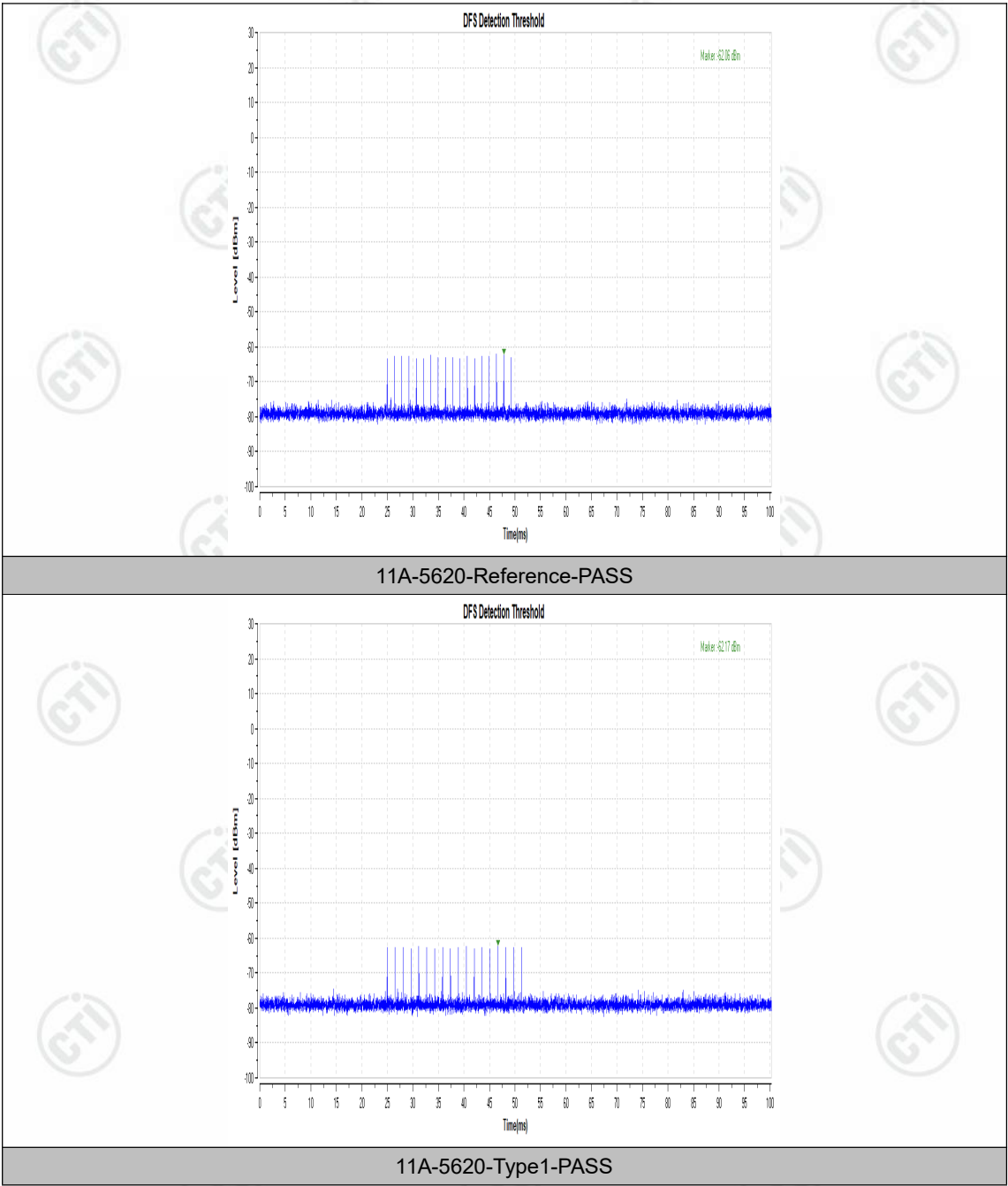
Appendix A: DFS Detection Thresholds

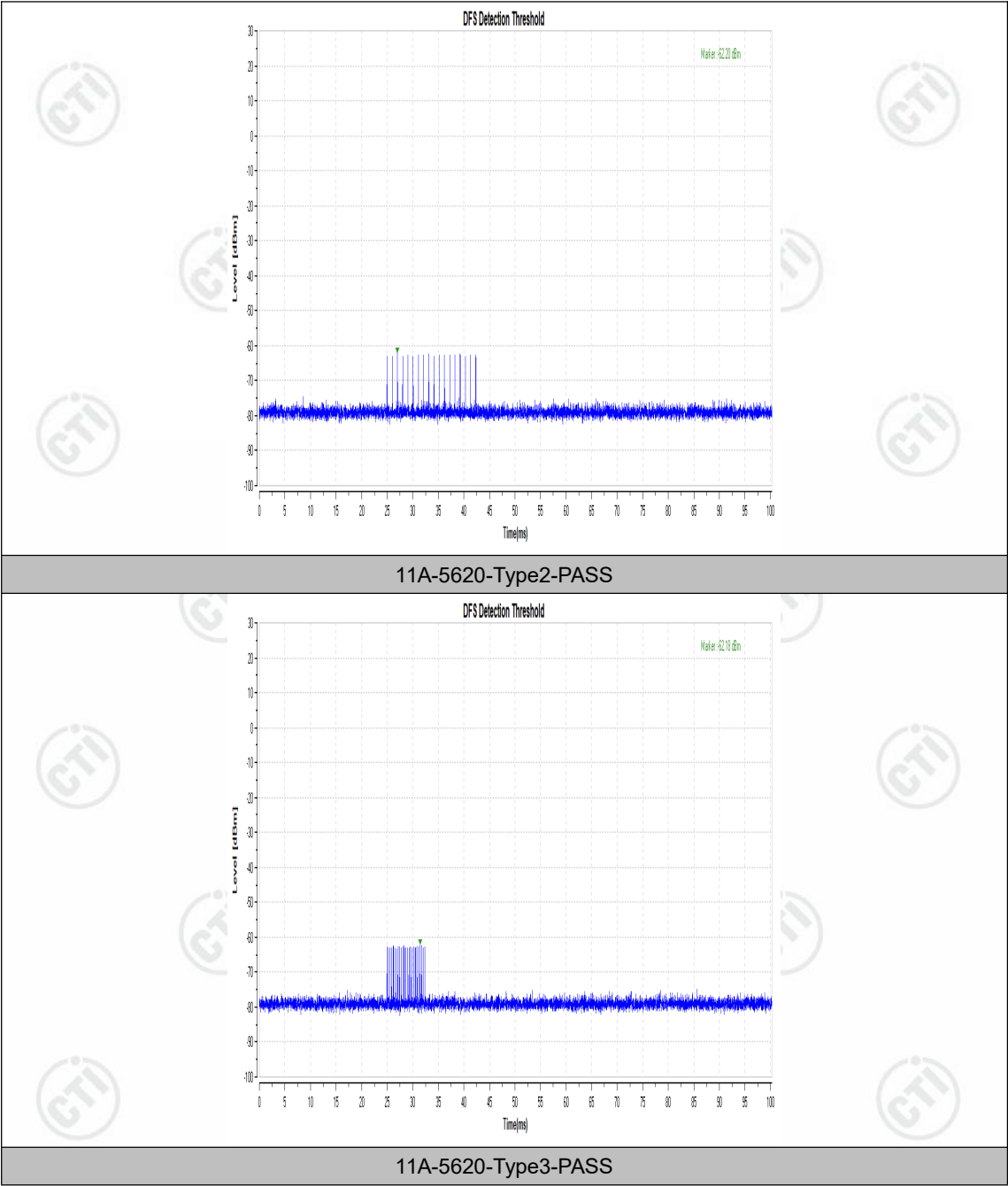
Test Result

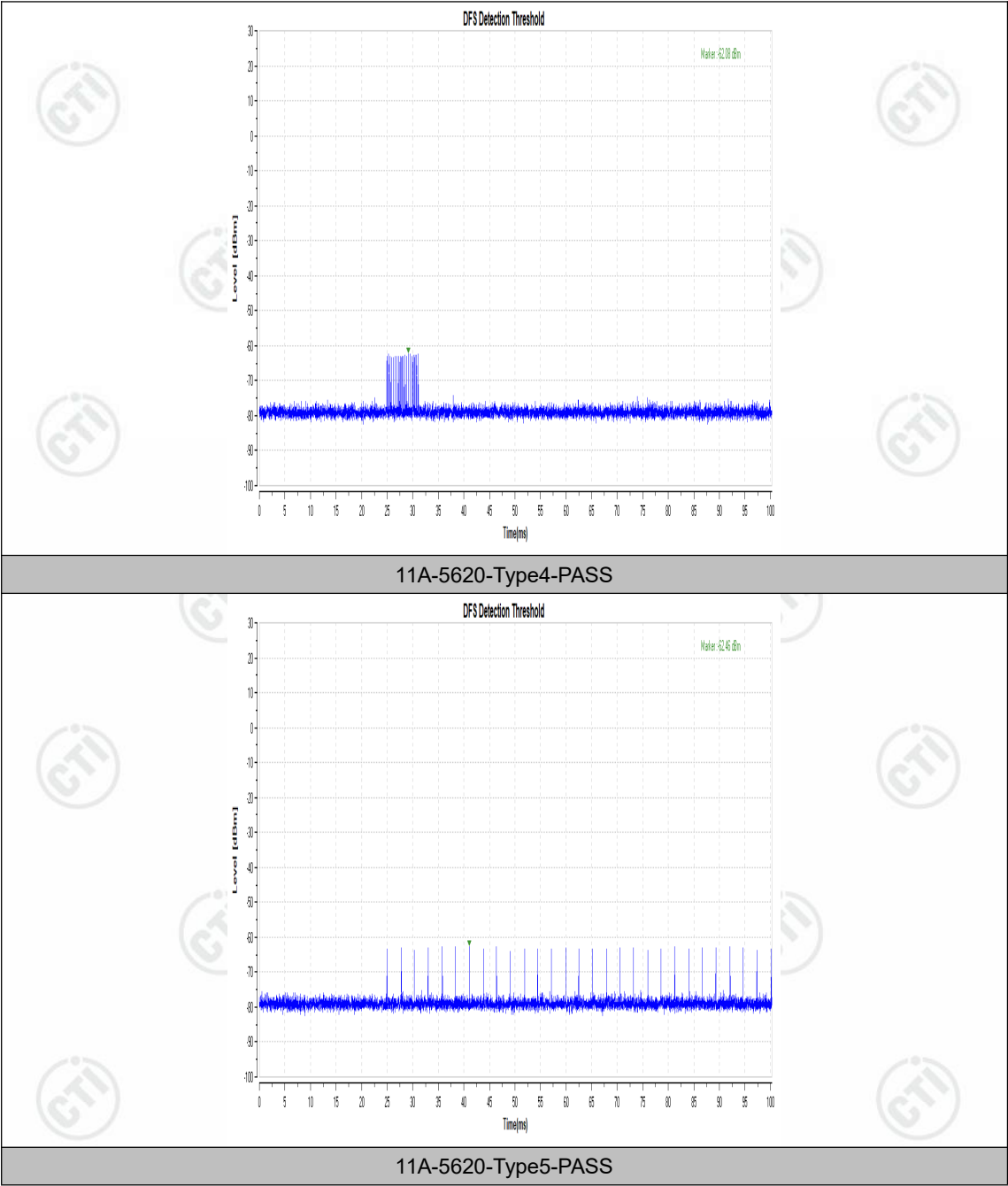
TestMode	Frequency[MHz]	Radar Type	Result	Limit[dbm]	Verdict
11A	5620	Reference	-62.06	-59	PASS
11A	5620	Type1	-62.17	-59	PASS
11A	5620	Type2	-62.20	-59	PASS
11A	5620	Type3	-62.18	-59	PASS
11A	5620	Type4	-62.08	-59	PASS
11A	5620	Type5	-62.46	-59	PASS
11A	5620	Type6	-62.19	-59	PASS

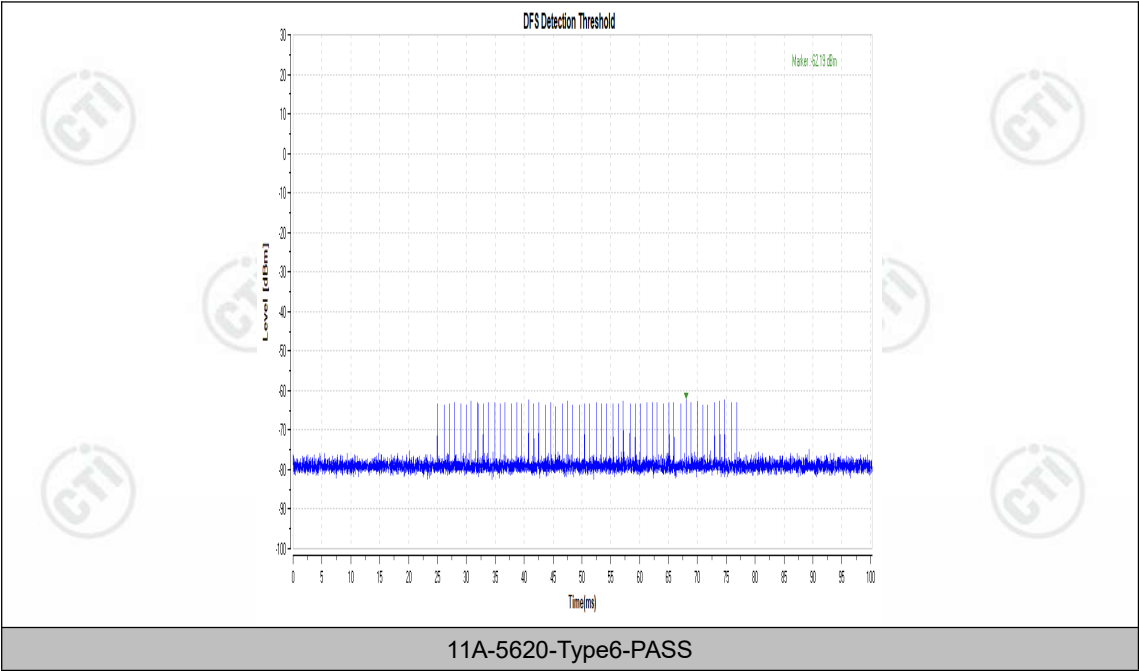
Limit = -62 + Minimum Antenna Gain = -59 dBm

Test Graphs









Appendix B: Channel Availability Check Time

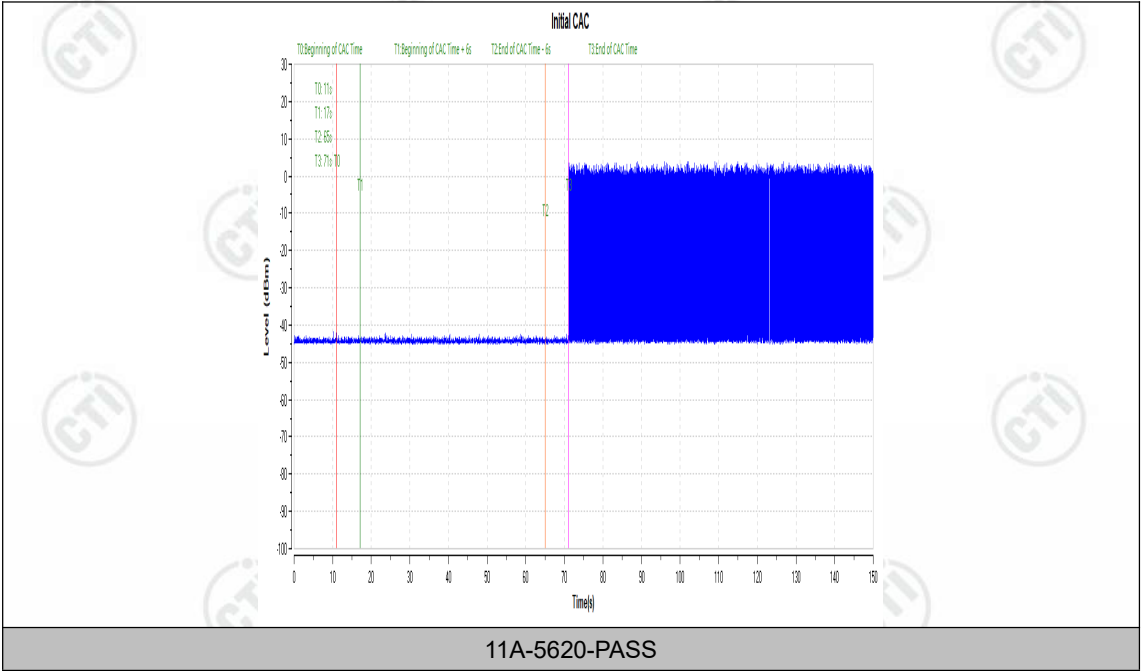
Test Result

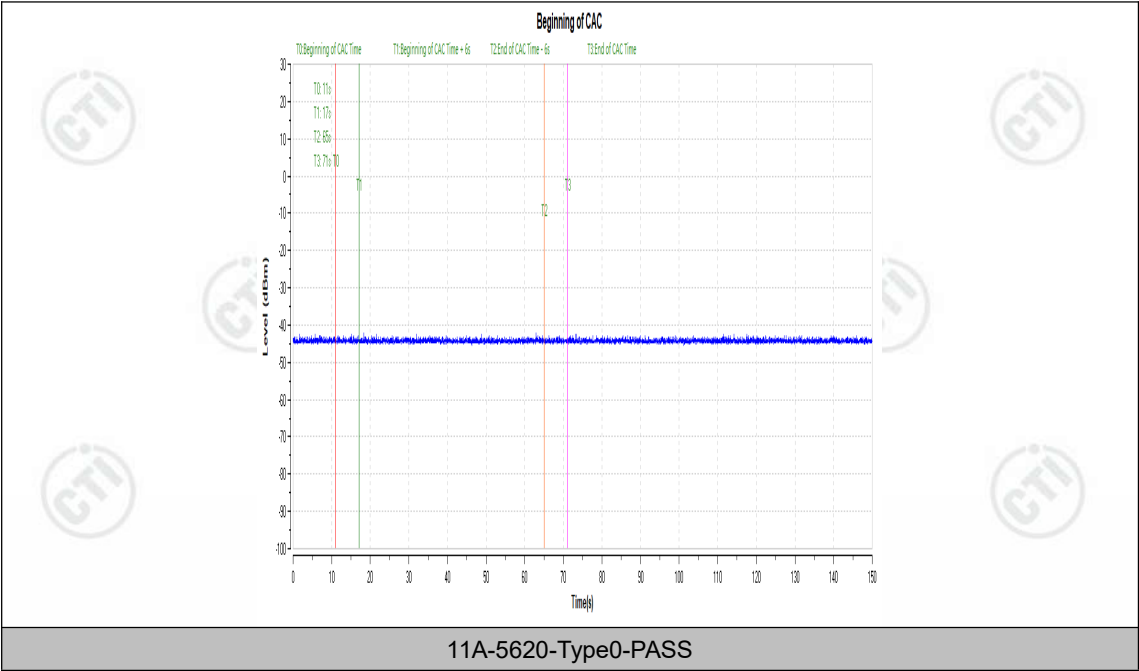
TestMode	Frequency[MHz]	Result	Verdict
11A	5620	See test Graph	PASS

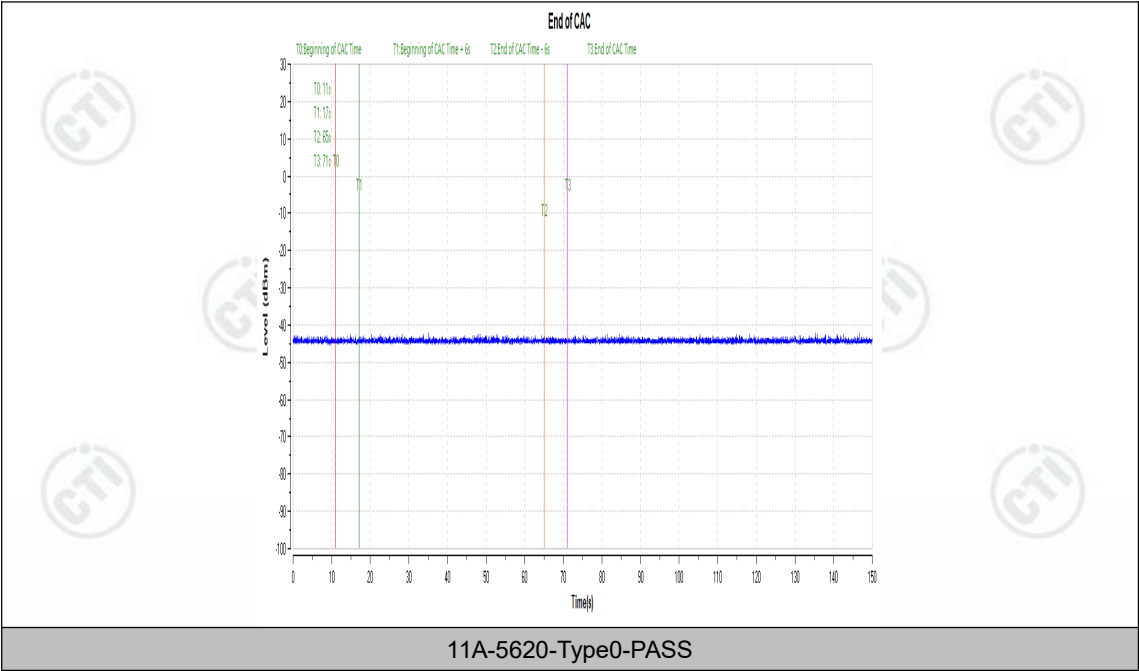
TestMode	Frequency[MHz]	Result	Verdict
11A	5620	See test Graph	PASS

TestMode	Frequency[MHz]	Result	Verdict
11A	5620	See test Graph	PASS

Test Graphs







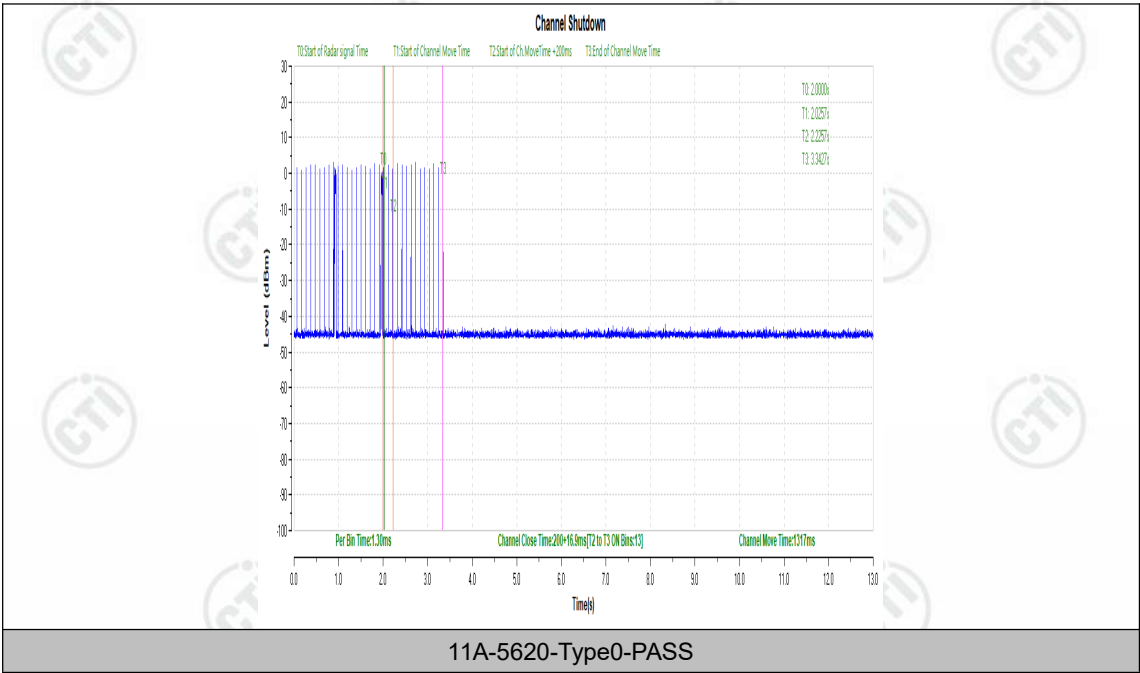
Appendix C: Channel Move Time and Channel Closing

Transmission Time

Test Result

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5620	200+16.9	200+60	1317	10000	PASS

Test Graphs

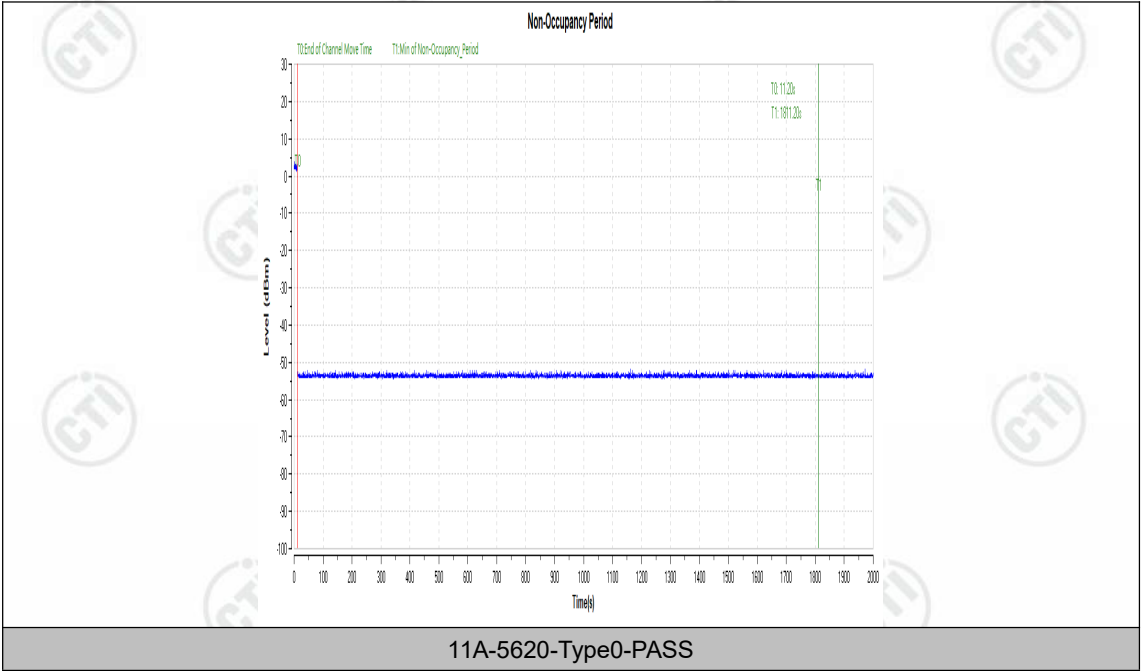


Appendix D: Non-Occupancy Period

Test Result

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11A	5620	see test graph	≥1800	PASS

Test Graphs



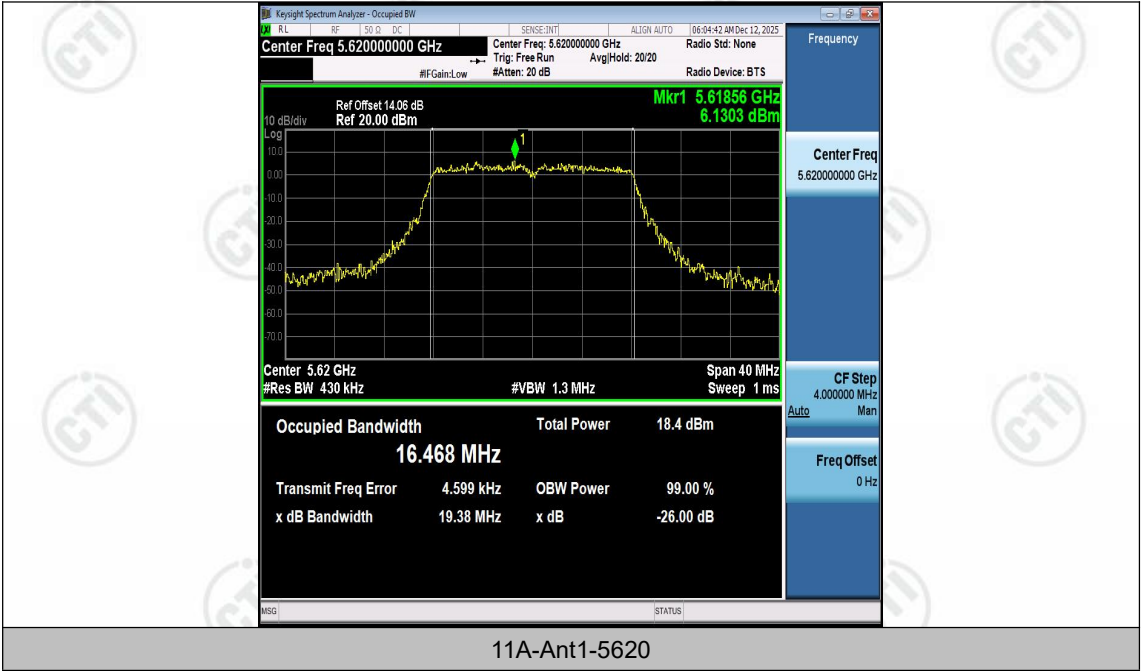
Appendix E: U-NII Detection Bandwidth**Test Result**

Test Mode	Frequency [MHz]	Radar Freq.	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5	Trial 6	Trial 7	Trial 8	Trial 9	Trial 10	Ratio (%)
11A	5620	5620	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5615	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5610	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5605	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5600	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5595	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5590	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5585	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5580	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5575	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5570	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5565	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5560	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5555	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5550	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5545	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5540	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5535	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5530	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5525	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5520	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5515	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5510	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5505	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5500	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5495	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5490	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5485	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5480	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5475	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5470	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5465	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5460	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5455	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5450	1	1	1	1	1	1	1	1	1	1	100

11A	5620	5445	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5440	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5435	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5430	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5425	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5420	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5625	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5630	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5635	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5640	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5645	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5650	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5655	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5660	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5665	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5670	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5675	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5680	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5685	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5690	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5695	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5700	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5705	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5710	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5715	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5720	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5725	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5730	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5735	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5740	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5745	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5750	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5755	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5760	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5765	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5770	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5775	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5780	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5785	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5790	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5795	1	1	1	1	1	1	1	1	1	1	100

11A	5620	5800	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5805	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5810	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5815	1	1	1	1	1	1	1	1	1	1	100
11A	5620	5820	1	1	1	1	1	1	1	1	1	1	100

Test Graphs



Appendix F: Statistical Performance check

Test Result

TestMode	Frequency[MHz]	Radar Type	Pass Times	Fail Times	Probability (%)	Limit (%)	Verdict
11A	5620	Type1	30	0	100.00	60	PASS
11A	5620	Type2	30	0	100.00	60	PASS
11A	5620	Type3	30	0	100.00	60	PASS
11A	5620	Type4	30	0	100.00	60	PASS
11A	5620	Type 1-4	---	---	100.00	80	PASS

TestMode	Frequency[MHz]	Radar Type	Trial ID	Pulse width(μs)	PRI(μs)	Pulses per Burst	Detection (1: Yes; 0: No)
11A	5620	Type1	0	1.0	938.0	57	1
11A	5620	Type1	1	1.0	698.0	76	1
11A	5620	Type1	2	1.0	618.0	86	1
11A	5620	Type1	3	1.0	538.0	99	1
11A	5620	Type1	4	1.0	878.0	61	1
11A	5620	Type1	5	1.0	3066.0	18	1
11A	5620	Type1	6	1.0	638.0	83	1
11A	5620	Type1	7	1.0	918.0	58	1
11A	5620	Type1	8	1.0	838.0	63	1
11A	5620	Type1	9	1.0	858.0	62	1
11A	5620	Type1	10	1.0	798.0	67	1
11A	5620	Type1	11	1.0	718.0	74	1
11A	5620	Type1	12	1.0	578.0	92	1
11A	5620	Type1	13	1.0	598.0	89	1
11A	5620	Type1	14	1.0	558.0	95	1
11A	5620	Type1	15	1.0	2536.0	21	1
11A	5620	Type1	16	1.0	966.0	55	1
11A	5620	Type1	17	1.0	827.0	64	1
11A	5620	Type1	18	1.0	2501.0	22	1
11A	5620	Type1	19	1.0	2595.0	21	1
11A	5620	Type1	20	1.0	1114.0	48	1
11A	5620	Type1	21	1.0	1302.0	41	1
11A	5620	Type1	22	1.0	3045.0	18	1
11A	5620	Type1	23	1.0	1624.0	33	1
11A	5620	Type1	24	1.0	2878.0	19	1
11A	5620	Type1	25	1.0	1027.0	52	1
11A	5620	Type1	26	1.0	2485.0	22	1
11A	5620	Type1	27	1.0	1600.0	33	1
11A	5620	Type1	28	1.0	1172.0	46	1
11A	5620	Type1	29	1.0	1177.0	45	1
11A	5620	Type2	0	3.2	179.0	26	1
11A	5620	Type2	1	1.1	207.0	23	1
11A	5620	Type2	2	2.1	230.0	24	1
11A	5620	Type2	3	4.8	200.0	29	1
11A	5620	Type2	4	3.9	214.0	28	1
11A	5620	Type2	5	2.9	222.0	26	1
11A	5620	Type2	6	3.2	204.0	26	1
11A	5620	Type2	7	2.5	192.0	25	1
11A	5620	Type2	8	3.1	164.0	26	1

11A	5620	Type2	9	1.2	156.0	23	1
11A	5620	Type2	10	3.9	210.0	27	1
11A	5620	Type2	11	4.6	201.0	29	1
11A	5620	Type2	12	3.2	162.0	26	1
11A	5620	Type2	13	2.2	197.0	25	1
11A	5620	Type2	14	4.5	163.0	29	1
11A	5620	Type2	15	3.0	203.0	26	1
11A	5620	Type2	16	5.0	168.0	29	1
11A	5620	Type2	17	2.4	217.0	25	1
11A	5620	Type2	18	2.9	191.0	26	1
11A	5620	Type2	19	2.3	166.0	25	1
11A	5620	Type2	20	3.7	150.0	27	1
11A	5620	Type2	21	2.2	176.0	25	1
11A	5620	Type2	22	4.9	195.0	29	1
11A	5620	Type2	23	2.9	202.0	26	1
11A	5620	Type2	24	2.5	178.0	25	1
11A	5620	Type2	25	1.1	206.0	23	1
11A	5620	Type2	26	3.8	155.0	27	1
11A	5620	Type2	27	4.7	157.0	29	1
11A	5620	Type2	28	2.4	224.0	25	1
11A	5620	Type2	29	4.2	159.0	28	1
11A	5620	Type3	0	8.2	355.0	17	1
11A	5620	Type3	1	6.1	487.0	16	1
11A	5620	Type3	2	7.1	344.0	16	1
11A	5620	Type3	3	9.8	288.0	18	1
11A	5620	Type3	4	8.9	230.0	18	1
11A	5620	Type3	5	7.9	432.0	17	1
11A	5620	Type3	6	8.2	207.0	17	1
11A	5620	Type3	7	7.5	443.0	17	1
11A	5620	Type3	8	8.1	439.0	17	1
11A	5620	Type3	9	6.2	223.0	16	1
11A	5620	Type3	10	8.9	208.0	18	1
11A	5620	Type3	11	9.6	463.0	18	1
11A	5620	Type3	12	8.2	441.0	17	1
11A	5620	Type3	13	7.2	323.0	16	1
11A	5620	Type3	14	9.5	297.0	18	1
11A	5620	Type3	15	8.0	412.0	17	1
11A	5620	Type3	16	10.0	324.0	18	1
11A	5620	Type3	17	7.4	271.0	17	1
11A	5620	Type3	18	7.9	349.0	17	1
11A	5620	Type3	19	7.3	409.0	16	1

11A	5620	Type3	20	8.7	373.0	18	1
11A	5620	Type3	21	7.2	254.0	16	1
11A	5620	Type3	22	9.9	274.0	18	1
11A	5620	Type3	23	7.9	278.0	17	1
11A	5620	Type3	24	7.5	317.0	17	1
11A	5620	Type3	25	6.1	260.0	16	1
11A	5620	Type3	26	8.8	211.0	18	1
11A	5620	Type3	27	9.7	272.0	18	1
11A	5620	Type3	28	7.4	264.0	17	1
11A	5620	Type3	29	9.2	284.0	18	1
11A	5620	Type4	0	16.0	355.0	14	1
11A	5620	Type4	1	11.3	487.0	12	1
11A	5620	Type4	2	13.5	344.0	13	1
11A	5620	Type4	3	19.4	288.0	16	1
11A	5620	Type4	4	17.5	230.0	15	1
11A	5620	Type4	5	15.3	432.0	14	1
11A	5620	Type4	6	15.9	207.0	14	1
11A	5620	Type4	7	14.3	443.0	13	1
11A	5620	Type4	8	15.8	439.0	14	1
11A	5620	Type4	9	11.5	223.0	12	1
11A	5620	Type4	10	17.4	208.0	15	1
11A	5620	Type4	11	19.0	463.0	16	1
11A	5620	Type4	12	16.0	441.0	14	1
11A	5620	Type4	13	13.8	323.0	13	1
11A	5620	Type4	14	18.9	297.0	16	1
11A	5620	Type4	15	15.5	412.0	14	1
11A	5620	Type4	16	19.9	324.0	16	1
11A	5620	Type4	17	14.1	271.0	13	1
11A	5620	Type4	18	15.2	349.0	14	1
11A	5620	Type4	19	13.8	409.0	13	1
11A	5620	Type4	20	17.1	373.0	15	1
11A	5620	Type4	21	13.8	254.0	13	1
11A	5620	Type4	22	19.8	274.0	16	1
11A	5620	Type4	23	15.3	278.0	14	1
11A	5620	Type4	24	14.5	317.0	13	1
11A	5620	Type4	25	11.3	260.0	12	1
11A	5620	Type4	26	17.3	211.0	15	1
11A	5620	Type4	27	19.2	272.0	16	1
11A	5620	Type4	28	14.2	264.0	13	1
11A	5620	Type4	29	18.2	284.0	15	1

