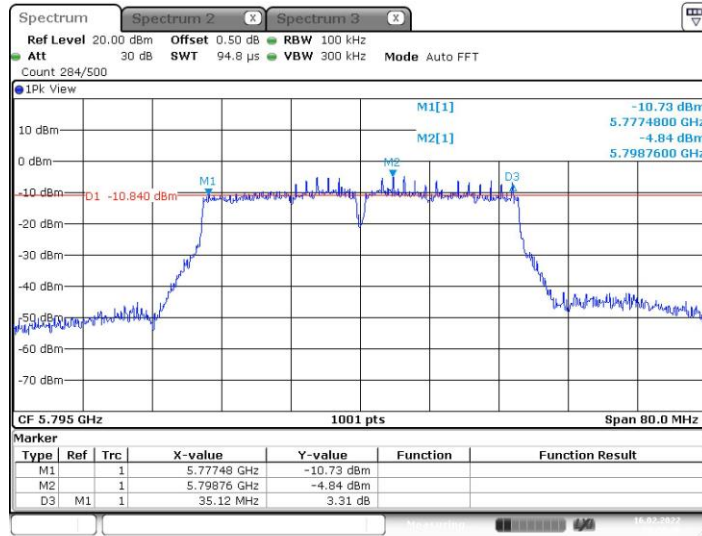


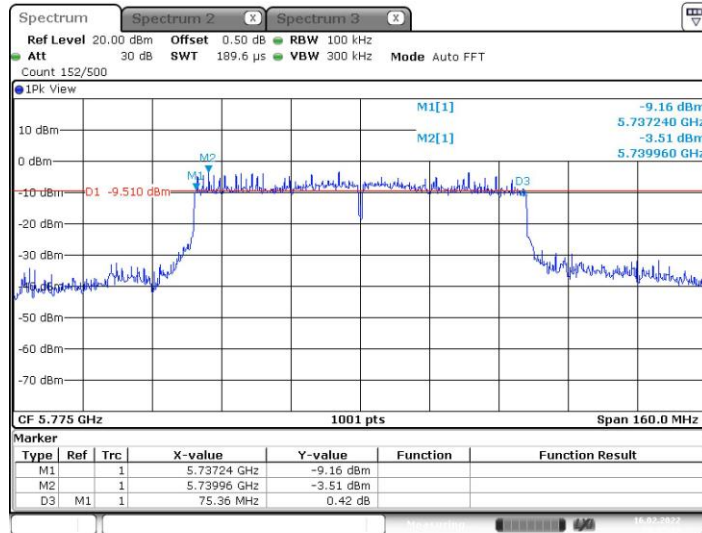


### 11AC40MIMO\_Ant9\_5795



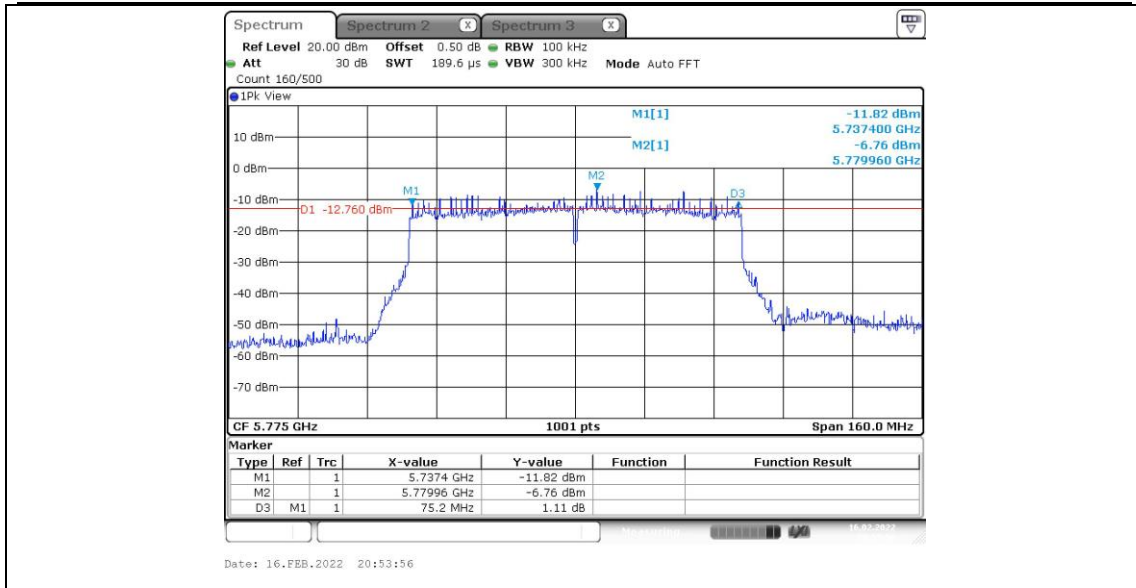
Date: 16.FEB.2022 20:50:46

### 11AC80MIMO\_Ant8\_5775



Date: 16.FEB.2022 20:52:33

### 11AC80MIMO\_Ant9\_5775







## Appendix B: Maximum conducted output power

### Test Result

#### B1&B4

TestMode	Antenna	Channel	Result[dBm]	EIRP Result [dBm]	Limit[dBm]	Verdict
11A	Ant8	5180	17.19	19.04	≤23.01	PASS
	Ant9	5180	16.67	18.52	≤23.01	PASS
	Ant8	5200	17.13	18.98	≤23.01	PASS
	Ant9	5200	16.59	18.44	≤23.01	PASS
	Ant8	5240	16.83	18.68	≤23.01	PASS
	Ant9	5240	15.93	17.78	≤23.01	PASS
	Ant8	5745	14.30	18.93	≤30	PASS
	Ant9	5745	9.85	14.48	≤30	PASS
	Ant8	5785	13.53	18.16	≤30	PASS
	Ant9	5785	10.98	15.61	≤30	PASS
	Ant8	5825	13.69	18.32	≤30	PASS
	Ant9	5825	11.47	16.1	≤30	PASS
11N20MIMO	Ant8	5180	16.87	18.72	≤23.01	PASS
	Ant9	5180	16.51	18.36	≤23.01	PASS
	total	5180	19.7	21.55	≤23.01	PASS
	Ant8	5200	15.77	17.62	≤23.01	PASS
	Ant9	5200	15.49	17.34	≤23.01	PASS
	total	5200	18.6	20.45	≤23.01	PASS
	Ant8	5240	15.56	17.41	≤23.01	PASS
	Ant9	5240	12.24	14.09	≤23.01	PASS
	total	5240	17.2	19.05	≤23.01	PASS
	Ant8	5745	13.06	17.69	≤30	PASS
	Ant9	5745	6.65	11.28	≤30	PASS
	total	5745	14.0	18.63	≤30	PASS
	Ant8	5785	12.55	17.18	≤30	PASS
	Ant9	5785	7.51	12.14	≤30	PASS
	total	5785	13.7	18.33	≤30	PASS
	Ant8	5825	11.74	16.37	≤30	PASS
	Ant9	5825	6.86	11.49	≤30	PASS
	total	5825	13.0	17.63	≤30	PASS
11N40MIMO	Ant8	5190	16.23	18.08	≤23.01	PASS
	Ant9	5190	16.15	18	≤23.01	PASS
	total	5190	19.2	21.05	≤23.01	PASS
	Ant8	5230	16.04	17.89	≤23.01	PASS
	Ant9	5230	15.30	17.15	≤23.01	PASS



	total	5230	18.7	20.55	≤23.01	PASS	
	Ant8	5755	13.45	18.08	≤30	PASS	
	Ant9	5755	7.11	11.74	≤30	PASS	
	total	5755	14.4	19.03	≤30	PASS	
	Ant8	5795	12.96	17.59	≤30	PASS	
	Ant9	5795	8.64	13.27	≤30	PASS	
	total	5795	14.3	18.93	≤30	PASS	
11AC20MIMO	Ant8	5180	15.80	17.65	≤23.01	PASS	
	Ant9	5180	15.63	17.48	≤23.01	PASS	
	total	5180	18.7	20.55	≤23.01	PASS	
	Ant8	5200	15.56	17.41	≤23.01	PASS	
	Ant9	5200	14.56	16.41	≤23.01	PASS	
	total	5200	18.1	19.95	≤23.01	PASS	
	Ant8	5240	15.55	17.4	≤23.01	PASS	
	Ant9	5240	14.12	15.97	≤23.01	PASS	
	total	5240	17.9	19.75	≤23.01	PASS	
	Ant8	5745	13.10	17.73	≤30	PASS	
	Ant9	5745	5.77	10.4	≤30	PASS	
	total	5745	13.8	18.43	≤30	PASS	
	Ant8	5785	12.61	17.24	≤30	PASS	
	Ant9	5785	5.48	10.11	≤30	PASS	
	total	5785	13.4	18.03	≤30	PASS	
	11AC40MIMO	Ant8	5825	11.73	16.36	≤30	PASS
		Ant9	5825	6.32	10.95	≤30	PASS
total		5825	12.8	17.43	≤30	PASS	
Ant8		5190	16.18	18.03	≤23.01	PASS	
Ant9		5190	15.55	17.4	≤23.01	PASS	
total		5190	18.9	20.75	≤23.01	PASS	
Ant8		5230	16.12	17.97	≤23.01	PASS	
Ant9		5230	15.13	16.98	≤23.01	PASS	
total		5230	18.7	20.55	≤23.01	PASS	
Ant8		5755	13.54	18.17	≤30	PASS	
Ant9		5755	7.16	11.79	≤30	PASS	
total		5755	14.4	19.03	≤30	PASS	
11AC80MIMO	Ant8	5795	12.93	17.56	≤30	PASS	
	Ant9	5795	7.64	12.27	≤30	PASS	
	total	5795	14.1	18.73	≤30	PASS	
	Ant8	5210	15.62	17.47	≤23.01	PASS	
	Ant9	5210	14.87	16.72	≤23.01	PASS	
	total	5210	18.3	20.15	≤23.01	PASS	
	Ant8	5775	13.12	17.75	≤30	PASS	
	Ant9	5775	8.00	12.63	≤30	PASS	
	total	5775	14.3	18.93	≤30	PASS	



## B2&amp;B3

TestMode	Antenna	Channel	Result[dBm]	EIRP Result [dBm]	Limit[dBm]	Verdict
11A	Ant8	5260	17.61	19.59	≤23.98	PASS
	Ant9	5260	17.28	19.26	≤23.98	PASS
	Ant8	5280	17.49	19.47	≤23.98	PASS
	Ant9	5280	17.42	19.4	≤23.98	PASS
	Ant8	5320	17.33	19.31	≤23.98	PASS
	Ant9	5320	17.33	19.31	≤23.98	PASS
	Ant8	5500	17.73	21.92	≤23.98	PASS
	Ant9	5500	16.48	20.67	≤23.98	PASS
	Ant8	5580	16.81	21	≤23.98	PASS
	Ant9	5580	16.73	20.92	≤23.98	PASS
	Ant8	5700	15.68	19.87	≤23.98	PASS
	Ant9	5700	15.25	19.44	≤23.98	PASS
11N20MIMO	Ant8	5260	16.74	18.72	≤23.98	PASS
	Ant9	5260	16.13	18.11	≤23.98	PASS
	total	5260	19.5	21.48	≤23.98	PASS
	Ant8	5280	16.32	18.3	≤23.98	PASS
	Ant9	5280	16.24	18.22	≤23.98	PASS
	total	5280	19.3	21.28	≤23.98	PASS
	Ant8	5320	14.93	16.91	≤23.98	PASS
	Ant9	5320	16.02	18	≤23.98	PASS
	total	5320	18.5	20.48	≤23.98	PASS
	Ant8	5500	16.63	20.82	≤23.98	PASS
	Ant9	5500	14.55	18.74	≤23.98	PASS
	total	5500	18.7	22.89	≤23.98	PASS
	Ant8	5580	15.32	19.51	≤23.98	PASS
	Ant9	5580	14.63	18.82	≤23.98	PASS
	total	5580	18.0	22.19	≤23.98	PASS
	Ant8	5700	14.52	18.71	≤23.98	PASS
	Ant9	5700	13.67	17.86	≤23.98	PASS
	total	5700	17.1	21.29	≤23.98	PASS
11N40MIMO	Ant8	5270	16.20	18.18	≤23.98	PASS
	Ant9	5270	16.63	18.61	≤23.98	PASS
	total	5270	19.4	21.38	≤23.98	PASS
	Ant8	5310	14.43	16.41	≤23.98	PASS
	Ant9	5310	16.81	18.79	≤23.98	PASS
	total	5310	18.8	20.78	≤23.98	PASS
	Ant8	5510	14.97	19.16	≤23.98	PASS
	Ant9	5510	14.80	18.99	≤23.98	PASS



	total	5510	17.9	22.09	≤23.98	PASS
	Ant8	5550	16.70	20.89	≤23.98	PASS
	Ant9	5550	14.75	18.94	≤23.98	PASS
	total	5550	18.8	22.99	≤23.98	PASS
	Ant8	5670	14.85	19.04	≤23.98	PASS
	Ant9	5670	12.93	17.12	≤23.98	PASS
	total	5670	17.0	21.19	≤23.98	PASS
11AC20MIMO	Ant8	5260	14.77	16.75	≤23.98	PASS
	Ant9	5260	16.15	18.13	≤23.98	PASS
	total	5260	18.5	20.48	≤23.98	PASS
	Ant8	5280	16.31	18.29	≤23.98	PASS
	Ant9	5280	16.25	18.23	≤23.98	PASS
	total	5280	19.3	21.28	≤23.98	PASS
	Ant8	5320	16.19	18.17	≤23.98	PASS
	Ant9	5320	16.06	18.04	≤23.98	PASS
	total	5320	19.1	21.08	≤23.98	PASS
	Ant8	5500	15.99	20.18	≤23.98	PASS
	Ant9	5500	14.41	18.6	≤23.98	PASS
	total	5500	18.3	22.49	≤23.98	PASS
	Ant8	5580	15.83	20.02	≤23.98	PASS
	Ant9	5580	14.64	18.83	≤23.98	PASS
	total	5580	18.3	22.49	≤23.98	PASS
	Ant8	5700	13.00	17.19	≤23.98	PASS
	Ant9	5700	11.86	16.05	≤23.98	PASS
total	5700	15.5	19.69	≤23.98	PASS	
11AC40MIMO	Ant8	5270	13.52	15.5	≤23.98	PASS
	Ant9	5270	16.67	18.65	≤23.98	PASS
	total	5270	18.4	20.38	≤23.98	PASS
	Ant8	5310	13.75	15.73	≤23.98	PASS
	Ant9	5310	16.81	18.79	≤23.98	PASS
	total	5310	18.6	20.58	≤23.98	PASS
	Ant8	5510	16.52	20.71	≤23.98	PASS
	Ant9	5510	14.78	18.97	≤23.98	PASS
	total	5510	18.7	22.89	≤23.98	PASS
	Ant8	5550	16.45	20.64	≤23.98	PASS
	Ant9	5550	14.75	18.94	≤23.98	PASS
	total	5550	18.7	22.89	≤23.98	PASS
	Ant8	5670	14.97	19.16	≤23.98	PASS
	Ant9	5670	12.91	17.1	≤23.98	PASS
	total	5670	17.1	21.29	≤23.98	PASS
11AC80MIMO	Ant8	5290	16.72	18.7	≤23.98	PASS
	Ant9	5290	16.49	18.47	≤23.98	PASS
	total	5290	19.6	21.58	≤23.98	PASS



	Ant8	5530	16.71	18.7	$\leq 23.98$	PASS
	Ant9	5530	14.35	18.47	$\leq 23.98$	PASS
	total	5530	18.7	21.58	$\leq 23.98$	PASS
	Ant8	5610	15.78	19.97	$\leq 23.98$	PASS
	Ant9	5610	15.40	19.59	$\leq 23.98$	PASS
	total	5610	18.6	22.79	$\leq 23.98$	PASS

Note: The Duty Cycle Factor is compensated in the graph.





## Appendix C: Maximum power spectral density

### Test Result

#### B1&B4

TestMode	Antenna	Channel	Result [dBm/MHz]	EIRP Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant8	5180	7.05	8.9	<=10	PASS
	Ant9	5180	6.52	8.37	<=10	PASS
	Ant8	5200	7.07	8.92	<=10	PASS
	Ant9	5200	6.64	8.49	<=10	PASS
	Ant8	5240	7.01	8.86	<=10	PASS
	Ant9	5240	6.01	7.86	<=10	PASS
	Ant8	5745	4.07	8.7	<=30	PASS
	Ant9	5745	0.34	4.97	<=30	PASS
	Ant8	5785	3.43	8.06	<=30	PASS
	Ant9	5785	2.29	6.92	<=30	PASS
	Ant8	5825	3.59	8.22	<=30	PASS
	Ant9	5825	3.94	8.57	<=30	PASS
11N20MIMO	Ant8	5180	5.07	6.92	<=10	PASS
	Ant9	5180	5.01	6.86	<=10	PASS
	total	5180	8.05	9.9	<=10	PASS
	Ant8	5200	5.12	6.97	<=10	PASS
	Ant9	5200	5.04	6.89	<=10	PASS
	total	5200	8.09	9.94	<=10	PASS
	Ant8	5240	4.9	6.75	<=10	PASS
	Ant9	5240	1.88	3.73	<=10	PASS
	total	5240	6.66	8.51	<=10	PASS
	Ant8	5745	2.47	7.1	<=30	PASS
	Ant9	5745	-2.76	1.87	<=30	PASS
	total	5745	3.61	8.24	<=30	PASS
	Ant8	5785	2.72	7.35	<=30	PASS
	Ant9	5785	-1.42	3.21	<=30	PASS
	total	5785	4.14	8.77	<=30	PASS
	Ant8	5825	3.59	8.22	<=30	PASS
	Ant9	5825	3.94	8.57	<=30	PASS
	total	5825	6.78	11.41	<=30	PASS
11N40MIMO	Ant8	5190	3.38	5.23	<=10	PASS
	Ant9	5190	2.57	4.42	<=10	PASS
	total	5190	6.00	7.85	<=10	PASS
	Ant8	5230	2.49	4.34	<=10	PASS
	Ant9	5230	2.57	4.42	<=10	PASS



	total	5230	5.54	7.39	<=10	PASS
	Ant8	5755	0.55	5.18	<=30	PASS
	Ant9	5755	-5.12	-0.49	<=30	PASS
	total	5755	1.59	6.22	<=30	PASS
	Ant8	5795	0.07	4.7	<=30	PASS
	Ant9	5795	-3.47	1.16	<=30	PASS
	total	5795	1.66	6.29	<=30	PASS
11AC20MIMO	Ant8	5180	5.03	6.88	<=10	PASS
	Ant9	5180	5.03	6.88	<=10	PASS
	total	5180	8.04	9.89	<=10	PASS
	Ant8	5200	5.14	6.99	<=10	PASS
	Ant9	5200	4.04	5.89	<=10	PASS
	total	5200	7.64	9.49	<=10	PASS
	Ant8	5240	5.28	7.13	<=10	PASS
	Ant9	5240	3.02	4.87	<=10	PASS
	total	5240	7.31	9.16	<=10	PASS
	Ant8	5745	2.89	7.52	<=30	PASS
	Ant9	5745	-2.89	1.74	<=30	PASS
	total	5745	3.91	8.54	<=30	PASS
	Ant8	5785	2.27	6.9	<=30	PASS
	Ant9	5785	-1.64	2.99	<=30	PASS
	total	5785	3.75	8.38	<=30	PASS
	Ant8	5825	1.44	6.07	<=30	PASS
	Ant9	5825	-0.05	4.58	<=30	PASS
	total	5825	3.77	8.4	<=30	PASS
11AC40MIMO	Ant8	5190	3.38	5.23	<=10	PASS
	Ant9	5190	2.2	4.05	<=10	PASS
	total	5190	5.84	7.69	<=10	PASS
	Ant8	5230	2.63	4.48	<=10	PASS
	Ant9	5230	2.17	4.02	<=10	PASS
	total	5230	5.42	7.27	<=10	PASS
	Ant8	5755	0.4	5.03	<=30	PASS
	Ant9	5755	-5.34	-0.71	<=30	PASS
	total	5755	1.43	6.06	<=30	PASS
	Ant8	5795	-0.22	4.41	<=30	PASS
	Ant9	5795	-5.17	-0.54	<=30	PASS
	total	5795	0.99	5.62	<=30	PASS
11AC80MIMO	Ant8	5210	-0.07	1.78	<=10	PASS
	Ant9	5210	-0.83	1.02	<=10	PASS
	total	5210	2.58	4.43	<=10	PASS
11AC80MIMO	Ant8	5775	-2.62	2.01	<=30	PASS
	Ant9	5775	-7.17	-2.54	<=30	PASS
	total	5775	-1.31	3.32	<=30	PASS



B2&B3

TestMode	Antenna	Channel	Result [dBm/MHz]	EIRP Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant8	5260	6.87	8.85	≤11	PASS
	Ant9	5260	6.73	8.71	≤11	PASS
	Ant8	5280	7.07	9.05	≤11	PASS
	Ant9	5280	7.09	9.07	≤11	PASS
	Ant8	5320	7.5	9.48	≤11	PASS
	Ant9	5320	7.5	9.48	≤11	PASS
	Ant8	5500	6.08	10.27	≤11	PASS
	Ant9	5500	6.28	10.47	≤11	PASS
	Ant8	5580	6.23	10.42	≤11	PASS
	Ant9	5580	6.45	10.64	≤11	PASS
	Ant8	5700	5.23	9.42	≤11	PASS
	Ant9	5700	5.22	9.41	≤11	PASS
11N20MIMO	Ant8	5260	5.77	7.75	≤11	PASS
	Ant9	5260	5.49	7.47	≤11	PASS
	total	5260	8.64	10.62	≤11	PASS
	Ant8	5280	5.36	7.34	≤11	PASS
	Ant9	5280	5.96	7.94	≤11	PASS
	total	5280	8.68	10.66	≤11	PASS
	Ant8	5320	4.33	6.31	≤11	PASS
	Ant9	5320	5.48	7.46	≤11	PASS
	total	5320	7.95	9.93	≤11	PASS
	Ant8	5500	3.15	7.34	≤11	PASS
	Ant9	5500	3.05	7.24	≤11	PASS
	total	5500	6.11	10.3	≤11	PASS
	Ant8	5580	3.34	7.53	≤11	PASS
	Ant9	5580	3.34	7.53	≤11	PASS
	total	5580	6.35	10.54	≤11	PASS
	Ant8	5700	3.20	7.39	≤11	PASS
	Ant9	5700	3.56	7.75	≤11	PASS
	total	5700	6.39	10.58	≤11	PASS
11N40MIMO	Ant8	5270	2.78	4.76	≤11	PASS
	Ant9	5270	3.59	5.57	≤11	PASS
	total	5270	6.21	8.19	≤11	PASS
	Ant8	5310	1.56	3.54	≤11	PASS
	Ant9	5310	3.41	5.39	≤11	PASS
	total	5310	5.59	7.57	≤11	PASS
	Ant8	5510	1.45	5.64	≤11	PASS
	Ant9	5510	1.04	5.23	≤11	PASS



	total	5510	4.26	8.45	≤11	PASS
	Ant8	5550	3.71	7.9	≤11	PASS
	Ant9	5550	1.78	5.97	≤11	PASS
	total	5550	5.86	10.05	≤11	PASS
	Ant8	5670	1.51	5.7	≤11	PASS
	Ant9	5670	-0.45	3.74	≤11	PASS
	total	5670	3.65	7.84	≤11	PASS
11AC20MIMO	Ant8	5260	3.72	5.7	≤11	PASS
	Ant9	5260	5.33	7.31	≤11	PASS
	total	5260	7.61	9.59	≤11	PASS
	Ant8	5280	5.78	7.76	≤11	PASS
	Ant9	5280	5.81	7.79	≤11	PASS
	total	5280	8.81	10.79	≤11	PASS
	Ant8	5320	5.98	7.96	≤11	PASS
	Ant9	5320	5.53	7.51	≤11	PASS
	total	5320	8.77	10.75	≤11	PASS
	Ant8	5500	3.72	7.91	≤11	PASS
	Ant9	5500	3.75	7.94	≤11	PASS
	total	5500	6.75	10.94	≤11	PASS
	Ant8	5580	3.76	7.95	≤11	PASS
	Ant9	5580	3.11	7.3	≤11	PASS
	total	5580	6.46	10.65	≤11	PASS
	Ant8	5700	3.08	7.27	≤11	PASS
	Ant9	5700	1.46	5.65	≤11	PASS
	total	5700	5.36	9.55	≤11	PASS
11AC40MIMO	Ant8	5270	-0.02	1.96	≤11	PASS
	Ant9	5270	3.59	5.57	≤11	PASS
	total	5270	5.16	7.14	≤11	PASS
	Ant8	5310	0.35	2.33	≤11	PASS
	Ant9	5310	3.53	5.51	≤11	PASS
	total	5310	5.24	7.22	≤11	PASS
	Ant8	5510	3.47	7.66	≤11	PASS
	Ant9	5510	1.82	6.01	≤11	PASS
	total	5510	5.73	9.92	≤11	PASS
	Ant8	5550	3.04	7.23	≤11	PASS
	Ant9	5550	1.15	5.34	≤11	PASS
	total	5550	5.21	9.4	≤11	PASS
	Ant8	5670	1.99	6.18	≤11	PASS
	Ant9	5670	-0.42	3.77	≤11	PASS
	total	5670	3.96	8.15	≤11	PASS
11AC80MIMO	Ant8	5290	0.79	2.77	≤11	PASS
	Ant9	5290	0.21	2.19	≤11	PASS
	total	5290	3.52	5.5	≤11	PASS



	Ant8	5530	0.42	4.61	$\leq 11$	PASS
	Ant9	5530	-1.63	2.56	$\leq 11$	PASS
	total	5530	2.53	6.72	$\leq 11$	PASS
	Ant8	5610	-0.15	4.04	$\leq 11$	PASS
	Ant9	5610	-0.56	3.63	$\leq 11$	PASS
	total	5610	2.66	6.85	$\leq 11$	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.



## Appendix D: Frequency Stability

### Test Result

#### B1&B4

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20M IMO	Ant8	5180	NV	NT	-15000	-2.895753	20	PASS
			LV	NT	-14000	-2.702703	20	PASS
			HV	NT	-13000	-2.509653	20	PASS
	Ant9	5180	NV	NT	-62900	-12.142857	20	PASS
			LV	NT	-61900	-11.949807	20	PASS
			HV	NT	-61900	-11.949807	20	PASS
	Ant8	5200	NV	NT	-10000	-1.923077	20	PASS
			LV	NT	-7000	-1.346154	20	PASS
			HV	NT	-6000	-1.153846	20	PASS
	Ant9	5200	NV	NT	-45000	-8.653846	20	PASS
			LV	NT	-43000	-8.269231	20	PASS
			HV	NT	-42000	-8.076923	20	PASS
	Ant8	5240	NV	NT	-12000	-2.290076	20	PASS
			LV	NT	-9000	-1.717557	20	PASS
			HV	NT	-7000	-1.335878	20	PASS
	Ant9	5240	NV	NT	-36000	-6.870229	20	PASS
			LV	NT	-34000	-6.48855	20	PASS
			HV	NT	-33000	-6.29771	20	PASS
	Ant8	5745	NV	NT	-21000	-3.655352	20	PASS
			LV	NT	-17000	-2.959095	20	PASS
			HV	NT	-14000	-2.436902	20	PASS
	Ant9	5745	NV	NT	-37000	-6.440383	20	PASS
			LV	NT	-35000	-6.092254	20	PASS
			HV	NT	-32000	-5.570061	20	PASS
	Ant8	5785	NV	NT	-15000	-2.592913	20	PASS
			LV	NT	-11000	-1.901469	20	PASS
			HV	NT	-10000	-1.728608	20	PASS
	Ant9	5785	NV	NT	-32000	-5.531547	20	PASS
			LV	NT	-30000	-5.185825	20	PASS
			HV	NT	-27000	-4.667243	20	PASS
	Ant8	5825	NV	NT	-17000	-2.918455	20	PASS
			LV	NT	-13000	-2.23176	20	PASS
			HV	NT	-12000	-2.060086	20	PASS



	Ant9	5825	NV	NT	-29000	-4.978541	20	PASS
			LV	NT	-26000	-4.463519	20	PASS
			HV	NT	-23000	-3.948498	20	PASS
11AC40M IMO	Ant8	5190	NV	NT	-20000	-3.853565	20	PASS
			LV	NT	-16000	-3.082852	20	PASS
			HV	NT	-14000	-2.697495	20	PASS
	Ant9	5190	NV	NT	-23000	-4.431599	20	PASS
			LV	NT	-21000	-4.046243	20	PASS
			HV	NT	-19000	-3.660886	20	PASS
	Ant8	5230	NV	NT	-16000	-3.059273	20	PASS
			LV	NT	-15000	-2.868069	20	PASS
			HV	NT	-13000	-2.48566	20	PASS
	Ant9	5230	NV	NT	-19000	-3.632887	20	PASS
			LV	NT	-17000	-3.250478	20	PASS
			HV	NT	-15000	-2.868069	20	PASS
	Ant8	5755	NV	NT	-28000	-4.865334	20	PASS
			LV	NT	-23000	-3.996525	20	PASS
			HV	NT	-21000	-3.649001	20	PASS
	Ant9	5755	NV	NT	-16000	-2.780191	20	PASS
			LV	NT	-15000	-2.606429	20	PASS
			HV	NT	-13000	-2.258905	20	PASS
	Ant8	5795	NV	NT	-24000	-4.141501	20	PASS
			LV	NT	-20000	-3.451251	20	PASS
			HV	NT	-19000	-3.278689	20	PASS
	Ant9	5795	NV	NT	-15000	-2.588438	20	PASS
			LV	NT	-13000	-2.243313	20	PASS
			HV	NT	-11000	-1.898188	20	PASS
11AC80M IMO	Ant8	5210	NV	NT	-38000	-7.293666	20	PASS
			LV	NT	-33000	-6.333973	20	PASS
			HV	NT	-30000	-5.758157	20	PASS
	Ant9	5210	NV	NT	-15000	-2.879079	20	PASS
			LV	NT	-12000	-2.303263	20	PASS
			HV	NT	-10000	-1.919386	20	PASS
	Ant8	5775	NV	NT	-34000	-5.887446	20	PASS
			LV	NT	-30000	-5.194805	20	PASS
			HV	NT	-28000	-4.848485	20	PASS
Ant9	5775	NV	NT	-19000	-3.290043	20	PASS	
		LV	NT	-16000	-2.770563	20	PASS	
		HV	NT	-13000	-2.251082	20	PASS	

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict



11AC20M IMO	Ant8	5180	NV	-30	-13000	-2.509653	20	PASS
			NV	-20	-12000	-2.316602	20	PASS
			NV	-10	-12000	-2.316602	20	PASS
			NV	0	-10000	-1.930502	20	PASS
			NV	10	-10000	-1.930502	20	PASS
			NV	20	-10000	-1.930502	20	PASS
			NV	30	-9000	-1.737452	20	PASS
			NV	40	-9000	-1.737452	20	PASS
			NV	50	-9000	-1.737452	20	PASS
	Ant9	5180	NV	-30	-59900	-11.563707	20	PASS
			NV	-20	-58900	-11.370656	20	PASS
			NV	-10	-57900	-11.177606	20	PASS
			NV	0	-57900	-11.177606	20	PASS
			NV	10	-55900	-10.791506	20	PASS
			NV	20	-55900	-10.791506	20	PASS
			NV	30	-53900	-10.405405	20	PASS
			NV	40	-52900	-10.212355	20	PASS
			NV	50	-51900	-10.019305	20	PASS
	Ant8	5200	NV	-30	-4000	-0.769231	20	PASS
			NV	-20	-5000	-0.961538	20	PASS
			NV	-10	-4000	-0.769231	20	PASS
			NV	0	-4000	-0.769231	20	PASS
			NV	10	-3000	-0.576923	20	PASS
			NV	20	-3000	-0.576923	20	PASS
			NV	30	-2000	-0.384615	20	PASS
			NV	40	-2000	-0.384615	20	PASS
			NV	50	-2000	-0.384615	20	PASS
	Ant9	5200	NV	-30	-41000	-7.884615	20	PASS
			NV	-20	-40000	-7.692308	20	PASS
			NV	-10	-39000	-7.5	20	PASS
			NV	0	-37000	-7.115385	20	PASS
			NV	10	-37000	-7.115385	20	PASS
			NV	20	-35000	-6.730769	20	PASS
			NV	30	-34000	-6.538462	20	PASS
			NV	40	-34000	-6.538462	20	PASS
			NV	50	-33000	-6.346154	20	PASS
	Ant8	5240	NV	-30	-6000	-1.145038	20	PASS
			NV	-20	-6000	-1.145038	20	PASS
			NV	-10	-5000	-0.954198	20	PASS
			NV	0	-5000	-0.954198	20	PASS
			NV	10	-4000	-0.763359	20	PASS
			NV	20	-4000	-0.763359	20	PASS
NV			30	-3000	-0.572519	20	PASS	





			NV	40	-3000	-0.572519	20	PASS
			NV	50	-3000	-0.572519	20	PASS
	Ant9	5240	NV	-30	-32000	-6.10687	20	PASS
			NV	-20	-30000	-5.725191	20	PASS
			NV	-10	-29000	-5.534351	20	PASS
			NV	0	-29000	-5.534351	20	PASS
			NV	10	-28000	-5.343511	20	PASS
			NV	20	-28000	-5.343511	20	PASS
			NV	30	-27000	-5.152672	20	PASS
			NV	40	-26000	-4.961832	20	PASS
			NV	50	-25000	-4.770992	20	PASS
			Ant8	5745	NV	-30	-12000	-2.088773
	NV	-20			-11000	-1.914708	20	PASS
	NV	-10			-10000	-1.740644	20	PASS
	NV	0			-9000	-1.56658	20	PASS
	NV	10			-9000	-1.56658	20	PASS
	NV	20			-7000	-1.218451	20	PASS
	NV	30			-7000	-1.218451	20	PASS
	NV	40			-6000	-1.044386	20	PASS
	Ant9	5745	NV	-30	-31000	-5.395997	20	PASS
			NV	-20	-29000	-5.047868	20	PASS
			NV	-10	-29000	-5.047868	20	PASS
			NV	0	-27000	-4.699739	20	PASS
			NV	10	-27000	-4.699739	20	PASS
			NV	20	-26000	-4.525674	20	PASS
			NV	30	-25000	-4.35161	20	PASS
			NV	40	-24000	-4.177546	20	PASS
	Ant8	5785	NV	50	-23000	-4.003481	20	PASS
			NV	-30	-9000	-1.555748	20	PASS
			NV	-20	-9000	-1.555748	20	PASS
			NV	-10	-7000	-1.210026	20	PASS
			NV	0	-7000	-1.210026	20	PASS
			NV	10	-6000	-1.037165	20	PASS
			NV	20	-7000	-1.210026	20	PASS
			NV	30	-5000	-0.864304	20	PASS
			NV	40	-6000	-1.037165	20	PASS
	Ant9	5785	NV	50	-5000	-0.864304	20	PASS
			NV	-30	-25000	-4.321521	20	PASS
			NV	-20	-25000	-4.321521	20	PASS
			NV	-10	-23000	-3.975799	20	PASS
			NV	0	-23000	-3.975799	20	PASS
				NV	10	-21000	-3.630078	20



			NV	20	-21000	-3.630078	20	PASS	
			NV	30	-20000	-3.457217	20	PASS	
			NV	40	-20000	-3.457217	20	PASS	
			NV	50	-19000	-3.284356	20	PASS	
	Ant8	5825	NV	-30	-11000	-1.888412	20	PASS	
			NV	-20	-10000	-1.716738	20	PASS	
			NV	-10	-9000	-1.545064	20	PASS	
			NV	0	-9000	-1.545064	20	PASS	
			NV	10	-8000	-1.373391	20	PASS	
			NV	20	-7000	-1.201717	20	PASS	
			NV	30	-7000	-1.201717	20	PASS	
			NV	40	-7000	-1.201717	20	PASS	
			NV	50	-6000	-1.030043	20	PASS	
			Ant9	5825	NV	-30	-22000	-3.776824	20
	NV	-20			-21000	-3.60515	20	PASS	
	NV	-10			-21000	-3.60515	20	PASS	
	NV	0			-20000	-3.433476	20	PASS	
	NV	10			-19000	-3.261803	20	PASS	
	NV	20			-19000	-3.261803	20	PASS	
	NV	30			-19000	-3.261803	20	PASS	
	NV	40			-18000	-3.090129	20	PASS	
	11AC40M IMO	Ant8	5190	NV	-30	-12000	-2.312139	20	PASS
				NV	-20	-11000	-2.119461	20	PASS
				NV	-10	-10000	-1.926782	20	PASS
NV				0	-9000	-1.734104	20	PASS	
NV				10	-9000	-1.734104	20	PASS	
NV				20	-8000	-1.541426	20	PASS	
NV				30	-7000	-1.348748	20	PASS	
NV				40	-8000	-1.541426	20	PASS	
NV				50	-7000	-1.348748	20	PASS	
Ant9		5190	NV	-30	-17000	-3.27553	20	PASS	
			NV	-20	-17000	-3.27553	20	PASS	
			NV	-10	-16000	-3.082852	20	PASS	
			NV	0	-15000	-2.890173	20	PASS	
			NV	10	-14000	-2.697495	20	PASS	
			NV	20	-13000	-2.504817	20	PASS	
			NV	30	-13000	-2.504817	20	PASS	
			NV	40	-13000	-2.504817	20	PASS	
Ant8		5230	NV	50	-12000	-2.312139	20	PASS	
			NV	-30	-12000	-2.294455	20	PASS	
			NV	-20	-11000	-2.10325	20	PASS	
			NV	-10	-11000	-2.10325	20	PASS	
			NV	-10	-11000	-2.10325	20	PASS	



			NV	0	-10000	-1.912046	20	PASS
			NV	10	-9000	-1.720841	20	PASS
			NV	20	-9000	-1.720841	20	PASS
			NV	30	-8000	-1.529637	20	PASS
			NV	40	-7000	-1.338432	20	PASS
			NV	50	-8000	-1.529637	20	PASS
	Ant9	5230	NV	-30	-14000	-2.676864	20	PASS
			NV	-20	-13000	-2.48566	20	PASS
			NV	-10	-12000	-2.294455	20	PASS
			NV	0	-12000	-2.294455	20	PASS
			NV	10	-11000	-2.10325	20	PASS
			NV	20	-11000	-2.10325	20	PASS
			NV	30	-10000	-1.912046	20	PASS
			NV	40	-9000	-1.720841	20	PASS
	Ant8	5755	NV	-30	-19000	-3.301477	20	PASS
			NV	-20	-18000	-3.127715	20	PASS
			NV	-10	-18000	-3.127715	20	PASS
			NV	0	-17000	-2.953953	20	PASS
			NV	10	-15000	-2.606429	20	PASS
			NV	20	-15000	-2.606429	20	PASS
			NV	30	-14000	-2.432667	20	PASS
			NV	40	-14000	-2.432667	20	PASS
	Ant9	5755	NV	-30	-12000	-2.085143	20	PASS
			NV	-20	-11000	-1.911381	20	PASS
			NV	-10	-11000	-1.911381	20	PASS
			NV	0	-9000	-1.563858	20	PASS
			NV	10	-9000	-1.563858	20	PASS
			NV	20	-8000	-1.390096	20	PASS
			NV	30	-8000	-1.390096	20	PASS
			NV	40	-8000	-1.390096	20	PASS
	Ant8	5795	NV	-30	-17000	-2.933563	20	PASS
			NV	-20	-17000	-2.933563	20	PASS
			NV	-10	-15000	-2.588438	20	PASS
			NV	0	-14000	-2.415876	20	PASS
			NV	10	-14000	-2.415876	20	PASS
			NV	20	-13000	-2.243313	20	PASS
NV			30	-13000	-2.243313	20	PASS	
NV			40	-13000	-2.243313	20	PASS	
Ant9	5795	NV	-30	-9000	-1.553063	20	PASS	



			NV	-20	-9000	-1.553063	20	PASS
			NV	-10	-7000	-1.207938	20	PASS
			NV	0	-7000	-1.207938	20	PASS
			NV	10	-6000	-1.035375	20	PASS
			NV	20	-5000	-0.862813	20	PASS
			NV	30	-4000	-0.69025	20	PASS
			NV	40	-4000	-0.69025	20	PASS
			NV	50	-3000	-0.517688	20	PASS
11AC80M IMO	Ant8	5210	NV	-30	-28000	-5.37428	20	PASS
			NV	-20	-26000	-4.990403	20	PASS
			NV	-10	-24000	-4.606526	20	PASS
			NV	0	-23000	-4.414587	20	PASS
			NV	10	-22000	-4.222649	20	PASS
			NV	20	-21000	-4.03071	20	PASS
			NV	30	-20000	-3.838772	20	PASS
			NV	40	-20000	-3.838772	20	PASS
	NV	50	-18000	-3.454894	20	PASS		
	Ant9	5210	NV	-30	-9000	-1.727447	20	PASS
			NV	-20	-8000	-1.535509	20	PASS
			NV	-10	-7000	-1.34357	20	PASS
			NV	0	-6000	-1.151631	20	PASS
			NV	10	-5000	-0.959693	20	PASS
			NV	20	-5000	-0.959693	20	PASS
			NV	30	-5000	-0.959693	20	PASS
			NV	40	-4000	-0.767754	20	PASS
	NV	50	-4000	-0.767754	20	PASS		
	Ant8	5775	NV	-30	-26000	-4.502165	20	PASS
			NV	-20	-24000	-4.155844	20	PASS
			NV	-10	-23000	-3.982684	20	PASS
			NV	0	-22000	-3.809524	20	PASS
			NV	10	-22000	-3.809524	20	PASS
			NV	20	-20000	-3.463203	20	PASS
			NV	30	-20000	-3.463203	20	PASS
			NV	40	-19000	-3.290043	20	PASS
	NV	50	-18000	-3.116883	20	PASS		
	Ant9	5775	NV	-30	-12000	-2.077922	20	PASS
			NV	-20	-11000	-1.904762	20	PASS
			NV	-10	-11000	-1.904762	20	PASS
			NV	0	-10000	-1.731602	20	PASS
			NV	10	-9000	-1.558442	20	PASS
NV			20	-8000	-1.385281	20	PASS	
NV			30	-9000	-1.558442	20	PASS	
NV			40	-7000	-1.212121	20	PASS	



			NV	50	-7000	-1.212121	20	PASS
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B2&B3

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20M IMO	Ant8	5260	NV	NT	-46000	-8.745247	20	PASS
			LV	NT	-47000	-8.935361	20	PASS
			HV	NT	-49000	-9.315589	20	PASS
	Ant9	5260	NV	NT	-65900	-12.528517	20	PASS
			LV	NT	-65900	-12.528517	20	PASS
			HV	NT	-64900	-12.338403	20	PASS
	Ant8	5280	NV	NT	-60900	-11.534091	20	PASS
			LV	NT	-60900	-11.534091	20	PASS
			HV	NT	-61900	-11.723485	20	PASS
	Ant9	5280	NV	NT	-59900	-11.344697	20	PASS
			LV	NT	-57900	-10.965909	20	PASS
			HV	NT	-56900	-10.776515	20	PASS
	Ant8	5320	NV	NT	-65900	-12.387218	20	PASS
			LV	NT	-65900	-12.387218	20	PASS
			HV	NT	-65900	-12.387218	20	PASS
	Ant9	5320	NV	NT	-55900	-10.507519	20	PASS
			LV	NT	-52900	-9.943609	20	PASS
			HV	NT	-51900	-9.755639	20	PASS
	Ant8	5500	NV	NT	-69900	-12.709091	20	PASS
			LV	NT	-69900	-12.709091	20	PASS
			HV	NT	-69900	-12.709091	20	PASS
	Ant9	5500	NV	NT	-53900	-9.8	20	PASS
			LV	NT	-50900	-9.254545	20	PASS
			HV	NT	-50000	-9.090909	20	PASS
	Ant8	5580	NV	NT	-70900	-12.706093	20	PASS
			LV	NT	-71900	-12.885305	20	PASS
			HV	NT	-70900	-12.706093	20	PASS
	Ant9	5580	NV	NT	-51900	-9.301075	20	PASS
			LV	NT	-49000	-8.781362	20	PASS
			HV	NT	-48000	-8.602151	20	PASS
	Ant8	5700	NV	NT	-72900	-12.789474	20	PASS
			LV	NT	-72900	-12.789474	20	PASS
			HV	NT	-72900	-12.789474	20	PASS
	Ant9	5700	NV	NT	-52900	-9.280702	20	PASS
			LV	NT	-50000	-8.77193	20	PASS
			HV	NT	-48000	-8.421053	20	PASS
11AC40M	Ant8	5270	NV	NT	-66900	-12.694497	20	PASS



IMO			LV	NT	-67900	-12.88425	20	PASS
			HV	NT	-66900	-12.694497	20	PASS
	Ant9	5270	NV	NT	-50000	-9.487666	20	PASS
			LV	NT	-47000	-8.918406	20	PASS
			HV	NT	-46000	-8.728653	20	PASS
			Ant8	5310	NV	NT	-67900	-12.787194
	LV	NT			-66900	-12.59887	20	PASS
			HV	NT	-67900	-12.787194	20	PASS
			Ant9	5310	NV	NT	-49000	-9.227872
	LV	NT			-45000	-8.474576	20	PASS
			HV	NT	-44000	-8.286252	20	PASS
			Ant8	5510	NV	NT	-69900	-12.686025
	LV	NT			-69900	-12.686025	20	PASS
			HV	NT	-70900	-12.867514	20	PASS
			Ant9	5510	NV	NT	-50000	-9.07441
	LV	NT			-46000	-8.348457	20	PASS
			HV	NT	-45000	-8.166969	20	PASS
			Ant8	5550	NV	NT	-70900	-12.774775
	LV	NT			-70900	-12.774775	20	PASS
			HV	NT	-69900	-12.594595	20	PASS
Ant9			5550	NV	NT	-47000	-8.468468	20
	LV	NT		-44000	-7.927928	20	PASS	
		HV	NT	-43000	-7.747748	20	PASS	
		Ant8	5670	NV	NT	-71900	-12.680776	20
LV	NT			-71900	-12.680776	20	PASS	
		HV	NT	-71900	-12.680776	20	PASS	
		Ant9	5670	NV	NT	-63900	-11.269841	20
LV	NT			-59900	-10.564374	20	PASS	
		HV	NT	-55900	-9.858907	20	PASS	
		Ant8	5290	NV	NT	-66900	-12.646503	20
LV	NT			-67900	-12.835539	20	PASS	
HV	NT			-66900	-12.646503	20	PASS	
Ant9	5290	NV	NT	-52900	-10	20	PASS	
		LV	NT	-49000	-9.26276	20	PASS	
		HV	NT	-48000	-9.073724	20	PASS	
Ant8	5530	NV	NT	-69900	-12.640145	20	PASS	
		LV	NT	-70900	-12.820976	20	PASS	
		HV	NT	-69900	-12.640145	20	PASS	
Ant9	5530	NV	NT	-53900	-9.746835	20	PASS	
		LV	NT	-50000	-9.041591	20	PASS	
		HV	NT	-48000	-8.679928	20	PASS	
Ant8	5610	NV	NT	-71900	-12.816399	20	PASS	
		LV	NT	-71900	-12.816399	20	PASS	
11AC80M IMO	Ant8	5290	NV	NT	-66900	-12.646503	20	PASS
			LV	NT	-67900	-12.835539	20	PASS
			HV	NT	-66900	-12.646503	20	PASS
			Ant9	5290	NV	NT	-52900	-10
	LV	NT			-49000	-9.26276	20	PASS
			HV	NT	-48000	-9.073724	20	PASS
			Ant8	5530	NV	NT	-69900	-12.640145
	LV	NT			-70900	-12.820976	20	PASS
			HV	NT	-69900	-12.640145	20	PASS
			Ant9	5530	NV	NT	-53900	-9.746835
	LV	NT			-50000	-9.041591	20	PASS
			HV	NT	-48000	-8.679928	20	PASS
Ant8			5610	NV	NT	-71900	-12.816399	20
	LV	NT		-71900	-12.816399	20	PASS	



			HV	NT	-70900	-12.638146	20	PASS
			NV	NT	-50900	-9.073084	20	PASS
	Ant9	5610	LV	NT	-48000	-8.55615	20	PASS
			HV	NT	-47000	-8.377897	20	PASS



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## Appendix E: DFS Detection Thresholds

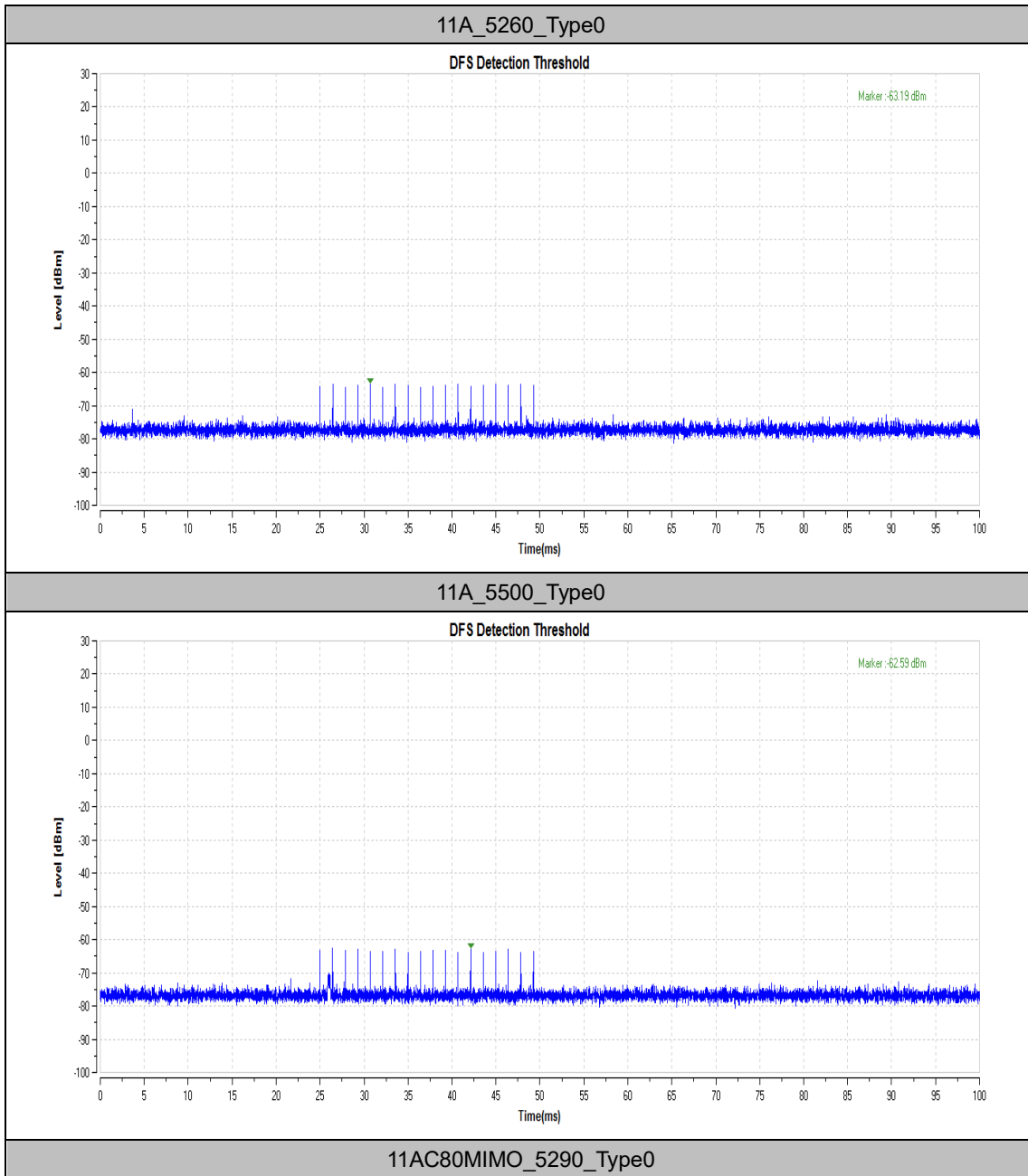
### Test Result

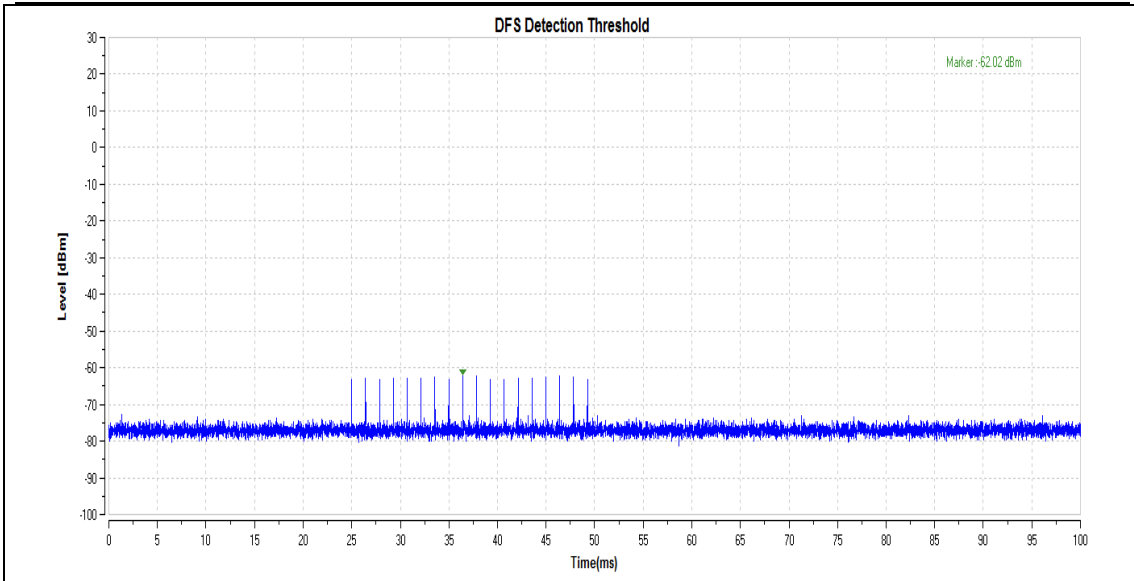
TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11A	5260	Type0	-63.19	-60.15	PASS
	5500	Type0	-62.59	-60.15	PASS
11AC80MIMO	5290	Type0	-62.02	-60.15	PASS
	5530	Type0	-62.58	-60.15	PASS



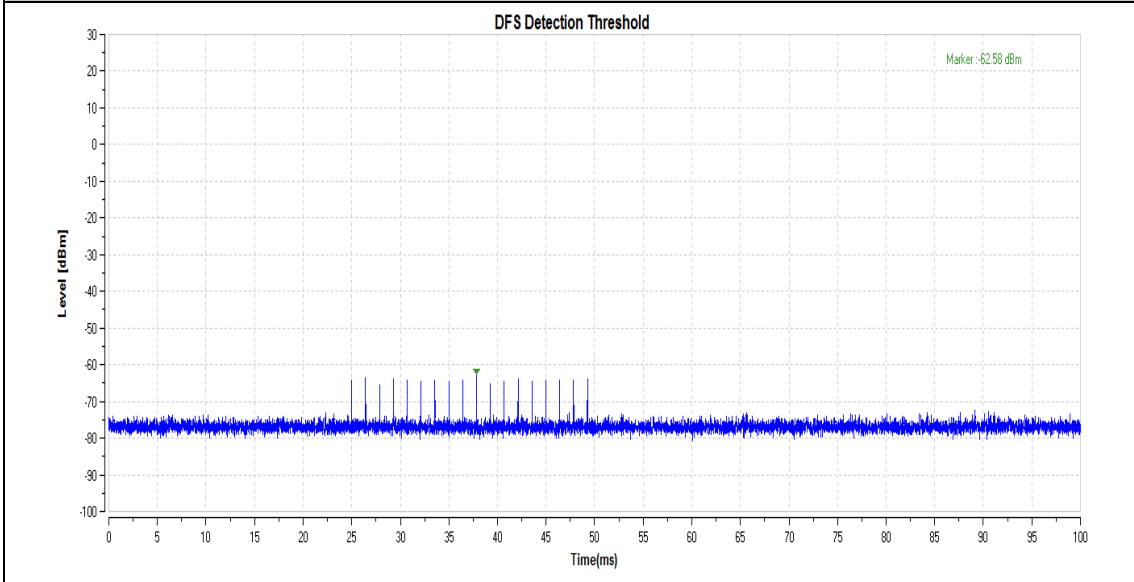


### Test Graphs





11AC80MIMO\_5530\_Type0





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## Appendix J: Channel Move Time and Channel Closing

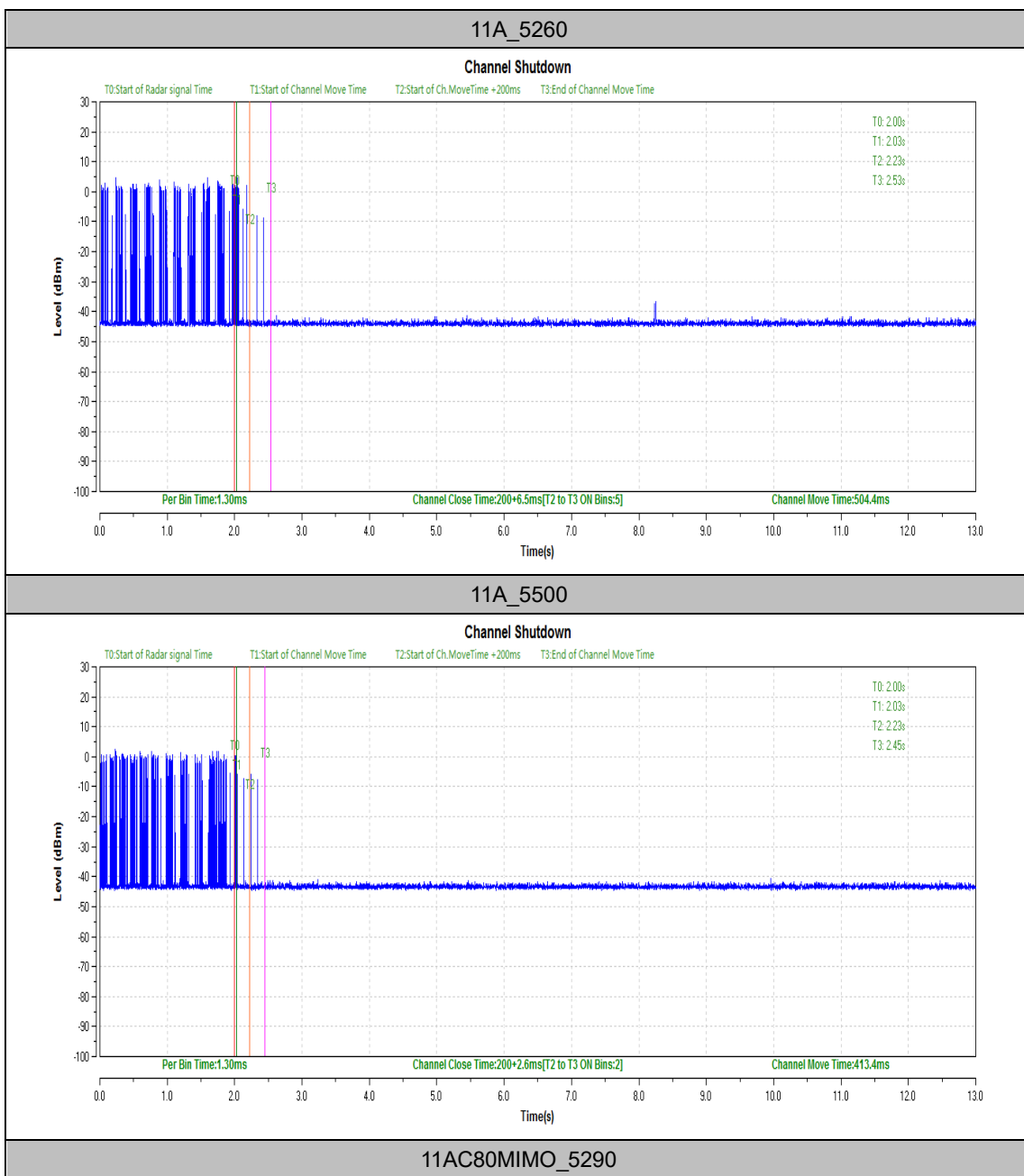
### Transmission Time

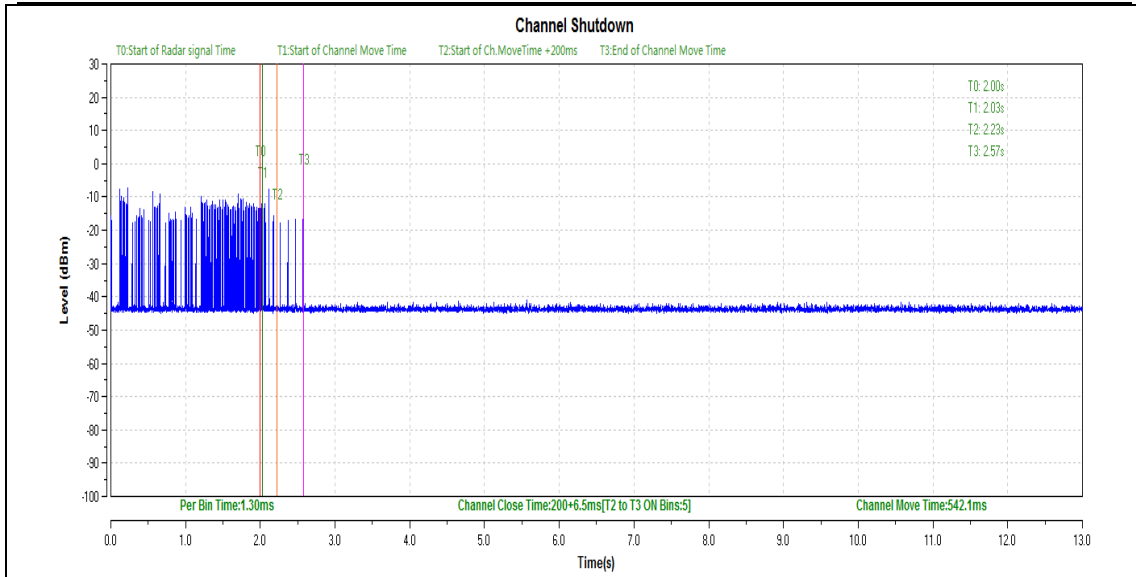
#### Test Result

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5260	200+6.5	200+60	504.4	10000	PASS
	5500	200+2.6	200+60	413.4	10000	PASS
11AC80MIMO	5290	200+6.5	200+60	542.1	10000	PASS
	5530	200+6.5	200+60	413.4	10000	PASS

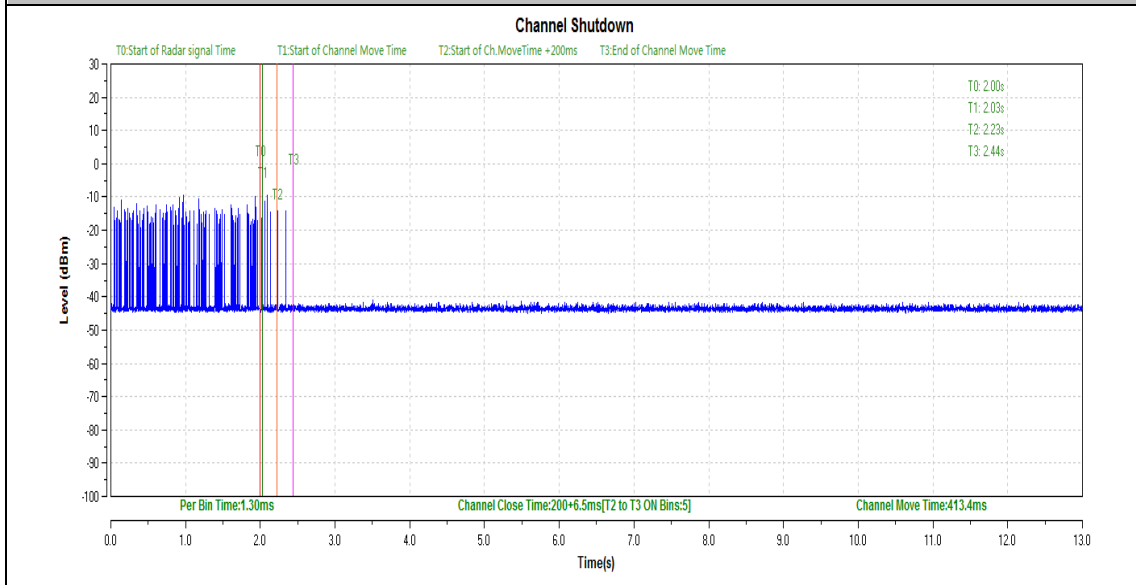


### Test Graphs





### 11AC80MIMO\_5530





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## Appendix K: Non-Occupancy Period

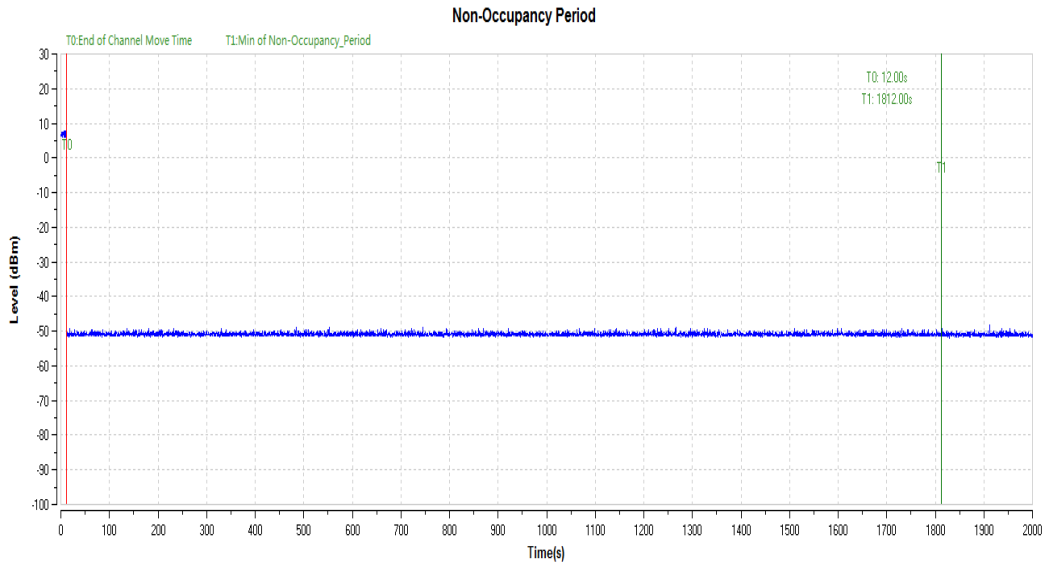
### Test Result

TestMode	Channel	Result	Limit[s]	Verdict
11A	5260	see test graph	$\geq 1800$	PASS
11A	5500	see test graph	$\geq 1800$	PASS
11AC80MIMO	5290	see test graph	$\geq 1800$	PASS
11AC80MIMO	5530	see test graph	$\geq 1800$	PASS

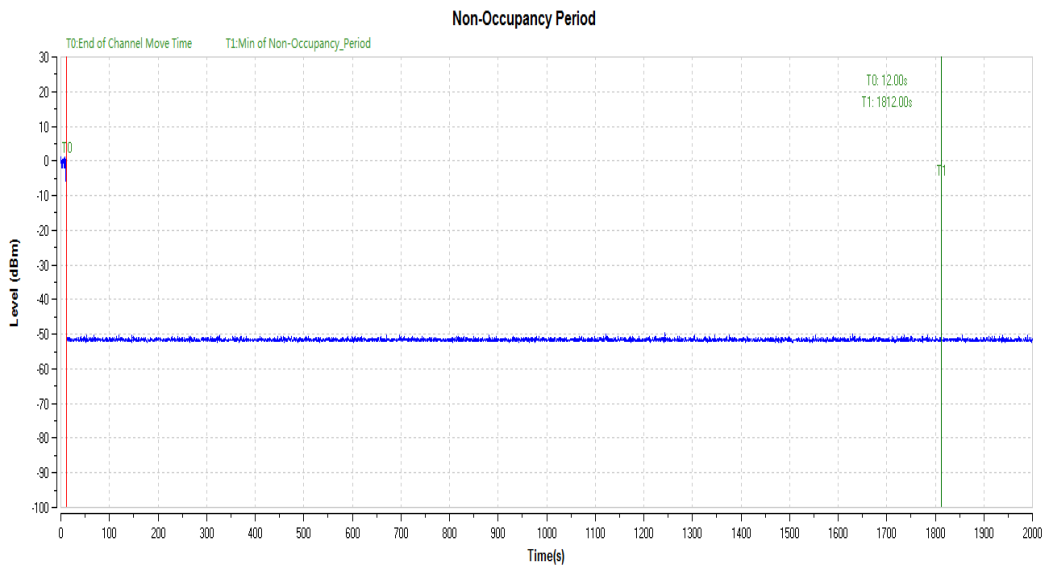


### Test Graphs

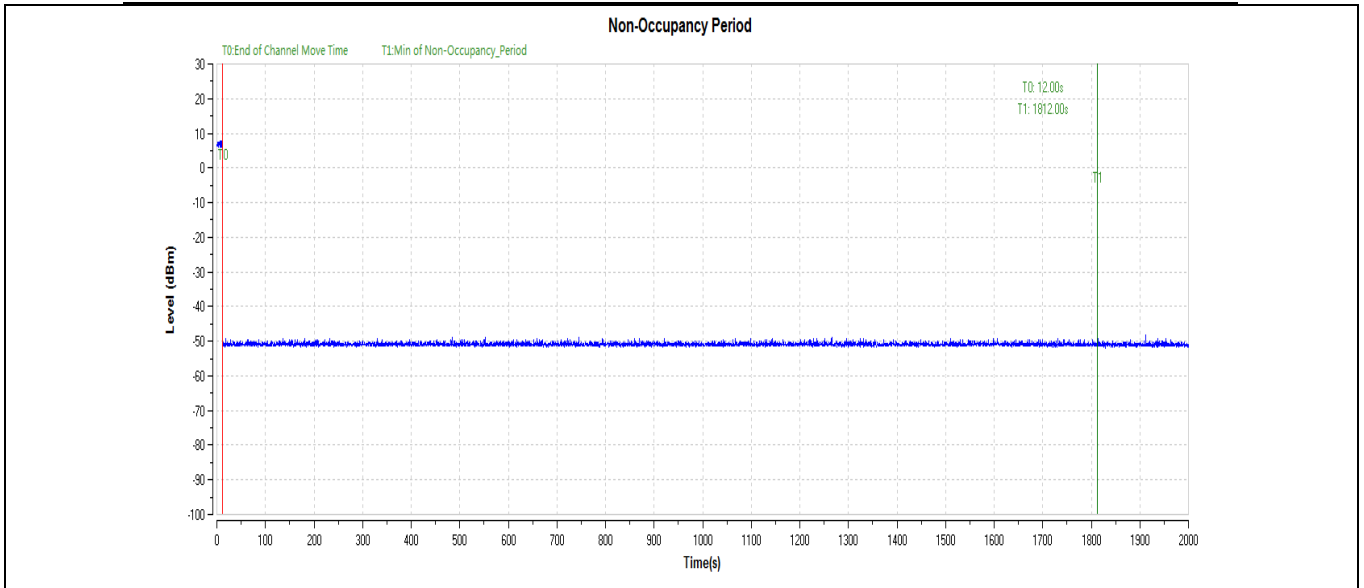
11AC20MIMO\_5320



11AC20MIMO\_5500



11AC80MIMO\_5290



**11AC80MIMO\_5530**

