







































## 6. APPENDIX F: BAND EDGE MEASUREMENTS

### 6.1 TEST RESULT

#### 6.1.1 FULL RU FOR 11AX MODE

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict	
11B	Ant1	Low	2412	5.26	-48.01	≤-14.74	PASS	
	Ant2	Low	2412	5.59	-48.22	≤-14.41	PASS	
	Ant1	High	2462	6.28	-52.43	≤-13.72	PASS	
	Ant2	High	2462	6.29	-51.88	≤-13.71	PASS	
11G	Ant1	Low	2412	2.61	-40.32	≤-17.39	PASS	
	Ant2	Low	2412	2.58	-42.43	≤-17.42	PASS	
	Ant1	Low	2417	4.19	-39.13	≤-15.81	PASS	
	Ant2	Low	2417	3.97	-41.86	≤-16.03	PASS	
	Ant1	Low	2422	5.17	-42.54	≤-14.83	PASS	
	Ant2	Low	2422	4.91	-45.94	≤-15.09	PASS	
	Ant1	High	2452	4.88	-51.16	≤-15.12	PASS	
	Ant2	High	2452	5.55	-51.08	≤-14.45	PASS	
	Ant1	High	2457	3.73	-51.11	≤-16.27	PASS	
	Ant2	High	2457	4.09	-51.15	≤-15.91	PASS	
	Ant1	High	2462	3.15	-51.1	≤-16.85	PASS	
	Ant2	High	2462	3.57	-51.55	≤-16.43	PASS	
	11N20SISO	Ant1	Low	2412	1.84	-39.58	≤-18.16	PASS
		Ant2	Low	2412	0.97	-40.39	≤-19.03	PASS
Ant1		Low	2417	2.75	-43.21	≤-17.25	PASS	
Ant2		Low	2417	2.65	-45.25	≤-17.35	PASS	
Ant1		Low	2422	4.69	-44.81	≤-15.31	PASS	
Ant2		Low	2422	4.31	-47.1	≤-15.69	PASS	
Ant1		High	2452	2.68	-52	≤-17.32	PASS	
Ant2		High	2452	2.87	-52.22	≤-17.13	PASS	
Ant1		High	2457	3.71	-51.99	≤-16.29	PASS	
Ant2		High	2457	4.59	-51.74	≤-15.41	PASS	
Ant1		High	2462	1.79	-51.71	≤-18.21	PASS	
Ant2		High	2462	2.27	-52.1	≤-17.73	PASS	
11N40SISO		Ant1	Low	2422	-1.18	-42.42	≤-21.18	PASS
		Ant2	Low	2422	-1.68	-45.53	≤-21.68	PASS
	Ant1	Low	2427	0.09	-42.96	≤-19.91	PASS	
	Ant2	Low	2427	-1.18	-45.24	≤-21.18	PASS	
	Ant1	High	2447	-0.67	-51.32	≤-20.67	PASS	
	Ant2	High	2447	-0.70	-52.22	≤-20.7	PASS	
	Ant1	High	2452	-1.81	-51.58	≤-21.81	PASS	
	Ant2	High	2452	-0.98	-51.56	≤-20.98	PASS	

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11AX20SISO	Ant1	Low	2412	1.83	-40.09	≤-18.17	PASS
	Ant2	Low	2412	1.40	-40.09	≤-18.6	PASS
	Ant1	Low	2417	2.57	-40.58	≤-17.43	PASS
	Ant2	Low	2417	2.48	-44.8	≤-17.52	PASS
	Ant1	Low	2422	4.61	-42.06	≤-15.39	PASS
	Ant2	Low	2422	4.26	-44.91	≤-15.74	PASS
	Ant1	High	2452	2.58	-51.56	≤-17.42	PASS
	Ant2	High	2452	4.38	-51.66	≤-15.62	PASS
	Ant1	High	2457	3.43	-51.34	≤-16.57	PASS
	Ant2	High	2457	4.15	-51.74	≤-15.85	PASS
11AX40SISO	Ant1	High	2462	2.14	-51.42	≤-17.86	PASS
	Ant2	High	2462	1.85	-51.63	≤-18.15	PASS
	Ant1	Low	2422	-0.67	-43.4	≤-20.67	PASS
	Ant2	Low	2422	-1.87	-46.53	≤-21.87	PASS
	Ant1	Low	2427	-0.01	-42.28	≤-20.01	PASS
	Ant2	Low	2427	-0.87	-47.19	≤-20.87	PASS
	Ant1	High	2447	-0.42	-51.93	≤-20.42	PASS
	Ant2	High	2447	-0.81	-51.82	≤-20.81	PASS
11B-CDD	Ant1	High	2452	-1.39	-50.15	≤-21.39	PASS
	Ant2	High	2452	-2.32	-51.81	≤-22.32	PASS
	Ant1	Low	2412	5.81	-47.18	≤-14.19	PASS
	Ant2	Low	2412	4.56	-48.64	≤-15.44	PASS
11G-CDD	Ant1	High	2462	4.59	-52.07	≤-15.41	PASS
	Ant2	High	2462	4.59	-51.79	≤-15.41	PASS
	Ant1	Low	2412	3.16	-40.79	≤-16.84	PASS
	Ant2	Low	2412	2.83	-41.39	≤-17.17	PASS
	Ant1	Low	2417	3.91	-41.38	≤-16.09	PASS
	Ant2	Low	2417	4.16	-43.35	≤-15.84	PASS
	Ant1	Low	2422	5.08	-42.39	≤-14.92	PASS
	Ant2	Low	2422	4.89	-46.04	≤-15.11	PASS
	Ant1	High	2452	4.72	-51.43	≤-15.28	PASS
	Ant2	High	2452	5.55	-51.04	≤-14.45	PASS
	Ant1	High	2457	3.66	-50.9	≤-16.34	PASS
	Ant2	High	2457	4.20	-50.91	≤-15.8	PASS
11G-CDD	Ant1	High	2462	3.01	-51.4	≤-16.99	PASS
	Ant2	High	2462	3.53	-51.12	≤-16.47	PASS

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11N20MIMO	Ant1	Low	2412	-0.19	-44.24	≤-20.19	PASS
	Ant2	Low	2412	-0.28	-42.31	≤-20.28	PASS
	Ant1	Low	2417	0.86	-48.55	≤-19.14	PASS
	Ant2	Low	2417	0.75	-46.36	≤-19.25	PASS
	Ant1	Low	2422	2.58	-48.22	≤-17.42	PASS
	Ant2	Low	2422	2.46	-49.84	≤-17.54	PASS
	Ant1	High	2452	2.03	-52.19	≤-17.97	PASS
	Ant2	High	2452	2.03	-51.81	≤-17.97	PASS
	Ant1	High	2457	1.80	-52.19	≤-18.2	PASS
	Ant2	High	2457	1.90	-51.5	≤-18.1	PASS
11N40MIMO	Ant1	High	2462	0.10	-52.06	≤-19.9	PASS
	Ant2	High	2462	0.28	-52.3	≤-19.72	PASS
	Ant1	Low	2422	0.12	-41.58	≤-19.88	PASS
	Ant2	Low	2422	-1.46	-43.12	≤-21.46	PASS
	Ant1	Low	2427	-0.44	-42.01	≤-20.44	PASS
	Ant2	Low	2427	-0.86	-45.77	≤-20.86	PASS
	Ant1	High	2447	-0.50	-51.66	≤-20.5	PASS
	Ant2	High	2447	-0.08	-51.48	≤-20.08	PASS
11AX20MIMO	Ant1	High	2452	-1.44	-51.16	≤-21.44	PASS
	Ant2	High	2452	-1.28	-51.43	≤-21.28	PASS
	Ant1	Low	2412	0.79	-39.53	≤-19.21	PASS
	Ant2	Low	2412	1.73	-42.48	≤-18.27	PASS
	Ant1	Low	2417	2.89	-41.82	≤-17.11	PASS
	Ant2	Low	2417	2.95	-46.03	≤-17.05	PASS
	Ant1	Low	2422	4.61	-43.18	≤-15.39	PASS
	Ant2	Low	2422	4.03	-45.71	≤-15.97	PASS
	Ant1	High	2452	3.38	-52.22	≤-16.62	PASS
	Ant2	High	2452	4.60	-52.12	≤-15.4	PASS
11AX40MIMO	Ant1	High	2457	3.46	-51.03	≤-16.54	PASS
	Ant2	High	2457	4.07	-51.4	≤-15.93	PASS
	Ant1	High	2462	2.15	-51.98	≤-17.85	PASS
	Ant2	High	2462	1.75	-52.22	≤-18.25	PASS
	Ant1	Low	2422	-1.89	-43.4	≤-21.89	PASS
	Ant2	Low	2422	-2.16	-46.51	≤-22.16	PASS
	Ant1	Low	2427	-0.54	-43.16	≤-20.54	PASS
	Ant2	Low	2427	-0.33	-46.47	≤-20.33	PASS
11AX40MIMO	Ant1	High	2447	-1.38	-51.99	≤-21.38	PASS
	Ant2	High	2447	-0.62	-51.93	≤-20.62	PASS
	Ant1	High	2452	-2.46	-51.7	≤-22.46	PASS
	Ant2	High	2452	-0.50	-51.67	≤-20.50	PASS

**6.1.2 PARTIAL RU FOR 11AX MODE**

Test Mode	Antenna	ChName	Frequency [MHz]	Ru Size	Ru Index	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11AX20SISO	Ant1	Low	2412	26Tone	RU0	12.05	-22.14	≤-7.95	PASS
				52Tone	RU37	8.99	-22.45	≤-11.01	PASS
				106Tone	RU53	2.92	-30.5	≤-17.08	PASS
	Ant2	Low	2412	26Tone	RU0	11.01	-20.83	≤-8.99	PASS
				52Tone	RU37	9.12	-24.77	≤-10.88	PASS
				106Tone	RU53	3.16	-30.33	≤-16.84	PASS
	Ant1	High	2462	26Tone	RU0	12.34	-40.16	≤-7.66	PASS
				52Tone	RU37	8.42	-41.87	≤-11.58	PASS
				106Tone	RU53	3.81	-49.67	≤-16.19	PASS
	Ant2	High	2462	26Tone	RU0	11.87	-42.39	≤-8.13	PASS
				52Tone	RU37	9.09	-42.71	≤-10.91	PASS
				106Tone	RU53	4.02	-52.27	≤-15.98	PASS
11AX40SISO	Ant1	Low	2422	242Tone	RU61	-0.07	-30.5	≤-20.07	PASS
	Ant2	Low	2422	242Tone	RU61	-0.69	-31.32	≤-20.69	PASS
	Ant1	High	2452	242Tone	RU61	-0.42	-47.89	≤-20.42	PASS
	Ant2	High	2452	242Tone	RU61	0.99	-47.44	≤-19.01	PASS
11AX20MIMO	Ant1	Low	2412	26Tone	RU0	10.50	-20.73	≤-9.5	PASS
				52Tone	RU37	9.31	-24.48	≤-10.69	PASS
				106Tone	RU53	3.54	-31	≤-16.46	PASS
	Ant2	Low	2412	26Tone	RU0	10.36	-20.67	≤-9.64	PASS
				52Tone	RU37	8.68	-25.31	≤-11.32	PASS
				106Tone	RU53	2.87	-31.38	≤-17.13	PASS
	Ant1	High	2462	26Tone	RU0	11.62	-39.96	≤-8.38	PASS
				52Tone	RU37	9.57	-42.06	≤-10.43	PASS
				106Tone	RU53	3.64	-50.64	≤-16.36	PASS
	Ant2	High	2462	26Tone	RU0	11.73	-40.54	≤-8.27	PASS
				52Tone	RU37	8.60	-39.51	≤-11.4	PASS
				106Tone	RU53	3.86	-49.65	≤-16.14	PASS
11AX40MIMO	Ant1	Low	2422	242Tone	RU61	-0.64	-31.47	≤-20.64	PASS
	Ant2	Low	2422	242Tone	RU61	-0.65	-31.03	≤-20.65	PASS
	Ant1	High	2452	242Tone	RU61	-0.19	-49.34	≤-20.19	PASS
	Ant2	High	2452	242Tone	RU61	-0.17	-50	≤-20.17	PASS

## 6.2 TEST GRAPHS

### 6.2.1 FULL RU FOR 11AX MODE















