

















































11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION 11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
			Reference	17.69		PASS
	Ant2	2412	30~1000	-49.15	≤-12.31	PASS
			1000~26500	-38.86	≤-12.31	PASS
	Ant4		Reference	17.75		PASS
		2412	30~1000	-49.75	≤-12.25	PASS
			1000~26500	-38.88	≤-12.25	PASS
		1	Reference	17.76		PASS
	Ant2	2417	30~1000	-49.58	≤-12.24	PASS
			1000~26500	-38.12	≤-12.24	PASS
			Reference	17.84		PASS
	Ant4	2417	30~1000	-49.19	≤-12.16	PASS
			1000~26500	-38.71	≤-12.16	PASS
			Reference	16.42		PASS
	Ant2	2437	30~1000	-49.37	≤-13.58	PASS
			1000~26500	-38.6	≤-13.58	PASS
11B-CDD			Reference	17.08		PASS
	Ant4	2437	30~1000	-49.6	≤-12.92	PASS
	7.11.4		1000~26500	-38.7	≤-12.92	PASS
			Reference	17.97		PASS
	Ant2	2457	30~1000	-49.57	≤-12.03	PASS
	, _		1000~26500	-38.27	≤-12.03	PASS
			Reference	18.64		PASS
	Ant4	2457	30~1000	-48.84	≤-11.36	PASS
	7 411-4	2407	1000~26500	-38.33	≤-11.36	PASS
			Reference	18.11	_=-11.50	PASS
	Ant2	2462	30~1000	-48.97	 ≤-11.89	PASS
	Antz	2402	1000~26500	-38.76	≤-11.89	PASS
			Reference	18.46		PASS
	Ant4	2462	30~1000	-49.31	<u>≤</u> -11.54	PASS
	71114	2462	1000~26500	-38.27	≤-11.54	PASS
	Ant2		Reference	10.55		PASS
		2412	30~1000	-49.34	 ≤-19.45	PASS
	Antz	2412	1000~26500	-38.39	<u>≤-19.45</u> ≤-19.45	PASS
			Reference		<u>S-19.40</u>	PASS
	Ant4	2412	30~1000	10.28 -49.38	 ≤-19.72	PASS
			1000~26500		≤-19.72	PASS
	Ant2	2417		-38.44 10.76	S-19.72	PASS
			Reference			
			30~1000	-48.9	≤-19.24	PASS
			1000~26500	-38.52	≤-19.24	PASS
	Ant4	2417	Reference	10.39		PASS
			30~1000	-49.42	≤-19.61	PASS
440.000			1000~26500	-38.51	≤-19.61	PASS
11G-CDD	Ant2	0.407	Reference	15.03		PASS
		2437	30~1000	-49.23	≤-14.97	PASS
			1000~26500	-34.8	≤-14.97	PASS
	Ant4 24	a (==	Reference	14.52		PASS
		2437	30~1000	-49.06	≤-15.48	PASS
			1000~26500	-39.14	≤-15.48	PASS
	Ant2		Reference	14.83		PASS
		2457	30~1000	-48.39	≤-15.17	PASS
			1000~26500	-35.35	≤-15.17	PASS
			Reference	15.51		PASS
	Ant4	2457	30~1000	-48.37	≤-14.49	PASS
			1000~26500	-38.46	≤-14.49	PASS
	Ant2	2462	Reference	12.00		PASS

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			00,4000	40.54		D 4 6 6
			30~1000	-49.51	<u>≤-18</u>	PASS
			1000~26500	-38.65	≤-18	PASS
	A	0.400	Reference	11.73		PASS
	Ant4	2462	30~1000	-49.3	≤-18.27	PASS
			1000~26500	-38.16	≤-18.27	PASS
	A 10	2412	Reference	8.28		PASS
	Ant2		30~1000	-46.76	≤-21.72	PASS
			1000~26500	-42.35	≤-21.72	PASS
	• • •	2412	Reference	9.31		PASS
	Ant4		30~1000	-47.29	≤-20.69	PASS
			1000~26500	-41.29	≤-20.69	PASS
			Reference	10.14		PASS
	Ant2	2417	30~1000	-48	≤-19.86	PASS
			1000~26500	-40.97	≤-19.86	PASS
			Reference	10.15		PASS
	Ant4	2417	30~1000	-46.08	≤-19.85	PASS
			1000~26500	-41.7	≤-19.85	PASS
			Reference	14.22		PASS
	Ant2	2437	30~1000	-47.85	≤-15.78	PASS
11N20MIMO			1000~26500	-37.42	≤-15.78	PASS
	Ant4		Reference	15.07		PASS
		2437	30~1000	-47.24	≤-14.93	PASS
			1000~26500	-39.42	≤-14.93	PASS
			Reference	14.34		PASS
	Ant2	2457	30~1000	-46.16	≤-15.66	PASS
			1000~26500	-35.21	≤-15.66	PASS
			Reference	14.49		PASS
	Ant4	2457	30~1000	-46.5	≤-15.51	PASS
			1000~26500	-40.77	≤-15.51	PASS
			Reference	12.25		PASS
	Ant2	2462	30~1000	-47.79	≤-17.75	PASS
	7 4 142		1000~26500	-41.97	≤-17.75	PASS
	Ant4		Reference	12.10		PASS
		2462	30~1000	-47.53	≤-17.9	PASS
			1000~26500	-41.7	≤-17.9	PASS
			Reference	5.42		PASS
	Ant2	2422	30~1000	-47.47	≤-24.58	PASS
	<i>,</i> _		1000~26500	-41.49	≤-24.58	PASS
			Reference	5.78		PASS
	Ant4	2422	30~1000	-47.34	≤-24.22	PASS
	7414		1000~26500	-41.83	≤-24.22	PASS
			Reference	7.31		PASS
	Ant2	2427	30~1000	-47.46	≤-22.69	PASS
	74112	2721	1000~26500	-42.16	≤-22.69	PASS
			Reference	7.30		PASS
-	Ant4	2427	30~1000	-47.25	≤-22.7	PASS
						PASS
			1000~26500 Reference	-41.91 11.65	<u>≤-22.7</u>	PASS
11N40MIMO	A n+2	2437				
	Ant2	2437	30~1000	-47.41	≤-18.35	PASS
			1000~26500	-29.06	≤-18.35	PASS
	Ant4	0407	Reference	11.83		PASS
		2437	30~1000	-48.1	≤-18.17	PASS
	Ant2		1000~26500	-30.96	≤-18.17	PASS
		2447	Reference	10.00		PASS
			30~1000	-47.49	≤-20	PASS
			1000~26500	-32.64	≤-20	PASS
			Reference	10.42		PASS
	Ant4	2447	30~1000	-46.97	≤-19.58	PASS
			1000~26500	-39.3	≤-19.58	PASS
	۵ مه ۲	2452	Reference	8.22		PASS
	Ant2	2452	30~1000	-47.2	≤-21.78	PASS

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		1	4000 00500	44.75	< 04 70	D A00
			1000~26500	-41.75 7.78	<u>≤-21.78</u>	PASS PASS
	Anti	0450	Reference	_		
	Ant4	2452	30~1000	-46.54		PASS
			1000~26500	-41.64		PASS
	A == 10	0.140	Reference	10.38		PASS
	Ant2	2412	30~1000	-48.92		PASS
			1000~26500	-38.16		PASS
	• • •		Reference	9.83		PASS
	Ant4	2412	30~1000	-49.24		PASS
			1000~26500	-38.17	≤-20.17	PASS
			Reference	10.30		PASS
	Ant2	2417	30~1000	-49.53	≤-19.7	PASS
			1000~26500	-38.49	≤-19.7	PASS
			Reference	10.47		PASS
	Ant4	2417	30~1000	-49.89	≤-19.7 ≤-19.7	PASS
			1000~26500	-38.41	≤-19.53	PASS
			Reference	15.00		PASS
	Ant2	2437	30~1000	-48.33	≤-15	PASS
			1000~26500	-30.43		PASS
11AX20MIMO			Reference	15.23		PASS
	Ant4	2437	30~1000	-49.2		PASS
	7 111-7	2-57	1000~26500	-38.06		PASS
			Reference	11.95		PASS
	A mtO	0457	30~1000			
	Ant2	2457		-48.94		PASS PASS
			1000~26500	-38.22		
		0.457	Reference	11.47		PASS
	Ant4	2457	30~1000	-49.4		PASS
			1000~26500	-37.62		PASS
			Reference	11.95		PASS
	Ant2	2462	30~1000	-49.23		PASS
			1000~26500	-38.53	≤-18.05	PASS
			Reference	11.74		PASS
	Ant4	2462	30~1000	-48.87	≤-18.26	PASS
			1000~26500	-37.96	$\begin{array}{c} \\ \leq -20.17 \\ \leq -20.17 \\ \hline \\ \\ \leq -19.7 \\ \hline \\ \leq -19.7 \\ \hline \\ \qquad \\ \leq -19.7 \\ \hline \\ \qquad \\ \leq -19.53 \\ \hline \\ \\ \leq -15 \\ \hline \\ \\ \\ \leq -15 \\ \hline \\ \\ \\ \leq -18.05 \\ \hline \\ \\ \\ \leq -18.05 \\ \hline \\ \\ \\ \\ \leq -18.05 \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	PASS
			Reference	4.96		PASS
	Ant2	2422	30~1000	-49.41	≤-25.04	PASS
			1000~26500	-38.76	≤-25.04	PASS
			Reference	5.97		PASS
	Ant4	2422	30~1000	-49.3	≤-24.03	PASS
			1000~26500	-38.58		PASS
			Reference	6.63		PASS
	Ant2	2427	30~1000	-49.41	<-23 37	PASS
	7 1112	2721	1000~26500	-38.22		PASS
			Reference	6.19		PASS
	Ant4 Ant2 Ant4	2427		-49.58		PASS
			30~1000			
			1000~26500	-38.85		PASS
			Reference	11.43		PASS
11AX40MIMO		2437	30~1000	-49.37		PASS
			1000~26500	-25.24		PASS
			Reference	12.24		PASS
		2437	30~1000	-49.15		PASS
			1000~26500	-28.97		PASS
	Ant2	2447	Reference	8.00		PASS
			30~1000	-49.78	≤-22	PASS
			1000~26500	-38.52	≤-22	PASS
	Ant4	2447	Reference	7.07		PASS
			30~1000	-49.46	≤-22.93	PASS
			1000~26500	-38.39		PASS
		1	Reference	6.59		PASS
	Ant2	2452	30~1000	-48.12		PASS
		2-102				

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	Ant4	2452	Reference	6.27		PASS
			30~1000	-48.76	≤-23.73	PASS
			1000~26500	-38.78	≤-23.73	PASS



11.6.2. Test Graphs

























































































