























REPORT NO.: 4790809762-1-RF-2

Page 273 of 323

11.4. APPENDIX D: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER 11.4.1. Test Result

Test Mode	Antenna	Channel	Power [dBm]	Limit [dBm]	Verdict
	Ant1	5180	21.19	≤30.00	PASS
	Ant2	5180	20.57	≤30.00	PASS
	Ant3	5180	20.78	≤30.00	PASS
	Ant4	5180	21.42	≤30.00	PASS
	total	5180	27.02	≤30.00	PASS
	Ant1	5200	21.15	≤30.00	PASS
	Ant2	5200	20.66	≤30.00	PASS
	Ant3	5200	21.18	≤30.00	PASS
	Ant4	5200	21.32	≤30.00	PASS
	total	5200	27.11	≤30.00	PASS
	Ant1	5240	21.01	≤30.00	PASS
	Ant2	5240	20.78	≤30.00	PASS
	Ant3	5240	21.26	≤30.00	PASS
	Ant4	5240	21.05	≤30.00	PASS
11A-CDD	total	5240	27.05	≤30.00	PASS
TIA-CDD	Ant1	5745	24.30	≤30.00	PASS
	Ant2	5745	23.32	≤30.00	PASS
	Ant3	5745	24.12	≤30.00	PASS
	Ant4	5745	23.87	≤30.00	PASS
	total	5745	29.94	≤30.00	PASS
	Ant1	5785	23.93	≤30.00	PASS
	Ant2	5785	23.13	≤30.00	PASS
	Ant3	5785	24.36	≤30.00	PASS
	Ant4	5785	23.68	≤30.00	PASS
	total	5785	29.82	≤30.00	PASS
	Ant1	5825	23.14	≤30.00	PASS
	Ant2	5825	22.99	≤30.00	PASS
	Ant3	5825	24.10	≤30.00	PASS
	Ant4	5825	23.45	≤30.00	PASS
	total	5825	29.46	≤30.00	PASS
	Ant1	5180	21.96	≤30.00	PASS
	Ant2	5180	21.52	≤30.00	PASS
	Ant3	5180	21.91	≤30.00	PASS
	Ant4	5180	22.26	≤30.00	PASS
	total	5180	27.94	≤30.00	PASS
	Ant1	5200	22.04	≤30.00	PASS
	Ant2	5200	21.49	≤30.00	PASS
	Ant3	5200	21.93	≤30.00	PASS
	Ant4	5200	22.10	≤30.00	PASS
	total	5200	27.92	≤30.00	PASS
	Ant1	5240	21.80	≤30.00	PASS
	Ant2	5240	21.63	≤30.00	PASS
	Ant3	5240	22.21	≤30.00	PASS
11AX20-CDD	Ant4	5240	21.92	≤30.00	PASS
TIAX20-CDD	total	5240	27.92	≤30.00	PASS
		5745			
	Ant1 Ant2	5745 5745	24.02 22.77	≤30.00 ≤30.00	PASS PASS
					PASS
	Ant3	5745 5745	23.87	≤30.00	
	Ant4	5745 5745	23.28	≤30.00	PASS PASS
	total		29.53	≤30.00	
	Ant1	5785	23.58	≤30.00	PASS
	Ant2	5785	22.87	≤30.00	PASS
	Ant3	5785	24.23	≤30.00	PASS
	Ant4	5785	23.65	≤30.00	PASS
	total	5785	29.63	≤30.00	PASS
	Ant1	5825	23.18	≤30.00	PASS
	Ant2	5825	22.59	≤30.00	PASS



	Ant3	5825	24.04	≤30.00	PASS
	Ant4	5825	23.44	≤30.00	PASS
	total	5825	29.36	≤30.00	PASS
	Ant1	5190	21.54	≤30.00	PASS
	Ant2	5190	22.03	≤30.00	PASS
	Ant3	5190	20.25	≤30.00	PASS
	Ant4	5190	21.38	≤30.00	PASS
	total	5190	27.37	≤30.00	PASS
	Ant1	5230	23.24	≤30.00	PASS
	Ant2	5230	24.73	≤30.00	PASS
	Ant3	5230	22.57	≤30.00	PASS
	Ant4	5230	23.19	≤30.00	PASS
	total	5230	29.53	≤30.00	PASS
11AX40-CDD					PASS
	Ant1	5755	24.35	≤30.00	
	Ant2	5755	23.25	≤30.00	PASS
	Ant3	5755	24.38	≤30.00	PASS
	Ant4	5755	23.61	≤30.00	PASS
	total	5755	29.94	≤30.00	PASS
	Ant1	5795	23.47	≤30.00	PASS
	Ant2	5795	22.97	≤30.00	PASS
	Ant3	5795	24.39	≤30.00	PASS
	Ant4	5795	23.37	≤30.00	PASS
	total	5795	29.60	≤30.00	PASS
	Ant1	5210	20.57	≤30.00	PASS
	Ant2	5210	21.89	≤30.00	PASS
	Ant3	5210	19.98	≤30.00	PASS
	Ant4	5210	20.41	≤30.00	PASS
	total	5210	26.79	≤30.00	PASS
11AX80-CDD					
	Ant1	5775	22.96	≤30.00	PASS
	Ant2	5775	24.11	≤30.00	PASS
	Ant3	5775	22.12	≤30.00	PASS
	Ant4	5775	22.83	≤30.00	PASS
	total	5775	29.09	≤30.00	PASS
	Ant1	5180	21.79	≤30.00	PASS
	Ant2	5180	21.56	≤30.00	PASS
		5180	22.26	≤30.00	PASS
	Ant3				
	Ant4	5180	22.16	≤30.00	PASS
	total	5180	27.97	≤30.00	PASS
	Ant1	5200	21.41	≤30.00	PASS
	Ant2	5200	21.74	≤30.00	PASS
	Ant3	5200	22.45	≤30.00	PASS
	Ant4	5200	22.12	≤30.00	PASS
	total	5200	27.97	≤30.00	PASS
		5240	20.98	≤30.00	PASS
	Ant1				
	Ant2	5240	21.67	≤30.00	PASS
	Ant3	5240	22.59	≤30.00	PASS
	Ant4	5240	21.93	≤30.00	PASS
14000000	total	5240	27.85	≤30.00	PASS
11BE20-CDD	Ant1	5745	23.42	≤30.00	PASS
	Ant2	5745	23.20	≤30.00	PASS
	Ant3	5745	24.35	≤30.00	PASS
	Ant4	5745	23.95	≤30.00	PASS
	total	5745	29.77	≤30.00	PASS
	Ant1	5785	23.22	≤30.00	PASS
	Ant2	5785	23.24	≤30.00	PASS
	Ant3	5785	24.61	≤30.00	PASS
	Ant4	5785	23.81	≤30.00	PASS
	total	5785	29.78	≤30.00	PASS
	Ant1	5825	22.94	≤30.00	PASS
	Ant2	5825	23.10	≤30.00	PASS
	Ant3	5825	24.26	≤30.00	PASS
	Ant4	5825	23.69	≤30.00	PASS
	total	5825	29.55	≤30.00	PASS
				-	



				•	
	Ant1	5190	21.28	≤30.00	PASS
	Ant2	5190	22.30	≤30.00	PASS
	Ant3	5190	20.41	≤30.00	PASS
	Ant4	5190	20.99	≤30.00	PASS
	total	5190	27.32	≤30.00	PASS
	Ant1	5230	23.15	≤30.00	PASS
	Ant2	5230	24.71	≤30.00	PASS
	Ant3	5230	22.58	≤30.00	PASS
	Ant4	5230	23.14	≤30.00	PASS
11BE40-CDD	total	5230	29.49	≤30.00	PASS
TIBE40-CDD	Ant1	5755	23.10	≤30.00	PASS
	Ant2	5755	23.64	≤30.00	PASS
	Ant3	5755	24.58	≤30.00	PASS
	Ant4	5755	23.90	≤30.00	PASS
	total	5755	29.86	≤30.00	PASS
	Ant1	5795	23.28	≤30.00	PASS
	Ant2	5795	22.86	≤30.00	PASS
	Ant3	5795	24.40	≤30.00	PASS
	Ant4	5795	23.54	≤30.00	PASS
	total	5795	29.58	≤30.00	PASS
	Ant1	5210	20.58	≤30.00	PASS
	Ant2	5210	21.80	≤30.00	PASS
	Ant3	5210	19.72	≤30.00	PASS
	Ant4	5210	20.19	≤30.00	PASS
11BE90 CDD	total	5210	26.66	≤30.00	PASS
11BE80-CDD	Ant1	5775	22.80	≤30.00	PASS
	Ant2	5775	23.93	≤30.00	PASS
	Ant3	5775	22.00	≤30.00	PASS
	Ant4	5775	22.66	≤30.00	PASS
	total	5775	28.92	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the test result.



REPORT NO.: 4790809762-1-RF-2 Page 276 of 323

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY 11.5.1. Test Result

Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
	Ant1	5180	9.01	≤14.98	PASS
	Ant2	5180	7.77	≤14.98	PASS
	Ant3	5180	8.4	≤14.98	PASS
	Ant4	5180	9.02	≤14.98	PASS
	total	5180	14.60	≤14.98	PASS
	Ant1	5200	8.71	≤14.98	PASS
	Ant2	5200	8.13	≤14.98	PASS
	Ant3	5200	8.51	≤14.98	PASS
	Ant4	5200	8.79	≤14.98	PASS
	total	5200	14.56	≤14.98	PASS
	Ant1	5240	8.58	≤14.98	PASS
	Ant2	5240	7.93	≤14.98	PASS
	Ant3	5240	8.37	≤14.98	PASS
	Ant4	5240	8.32	≤14.98	PASS
11A-CDD	total	5240	14.33	≤14.98	PASS
TTA-CDD	Ant1	5745	8.41	≤27.98	PASS
	Ant2	5745	7.44	≤27.98	PASS
	Ant3	5745	8.7	≤27.98	PASS
	Ant4	5745	8.34	≤27.98	PASS
	total	5745	14.27	≤27.98	PASS
	Ant1	5785	8.4	≤27.98	PASS
	Ant2	5785	7.65	≤27.98	PASS
	Ant3	5785	8.73	≤27.98	PASS
	Ant4	5785	7.83	≤27.98	PASS
	total	5785	14.19	≤27.98	PASS
	Ant1	5825	7.68	≤27.98	PASS
	Ant2	5825	7.24	≤27.98	PASS
	Ant3	5825	8.7	≤27.98	PASS
	Ant4	5825	7.79	≤27.98	PASS
	total	5825	13.91	≤27.98	PASS
	Ant1	5180	8.84	≤14.98	PASS
	Ant2	5180	7.87	≤14.98	PASS
	Ant3	5180	8.42	≤14.98	PASS
	Ant4	5180	8.88	≤14.98	PASS
	total	5180	14.54	≤14.98	PASS
	Ant1	5200	8.68	≤14.98	PASS
	Ant2	5200	7.92	≤14.98	PASS
	Ant3	5200	8.51	≤14.98	PASS
	Ant4	5200	8.56	≤14.98	PASS
				≤14.98	PASS
	total Ant1	5200 5240	14.45 8.28	≤14.98	PASS
		5240 5240	7.89		PASS
	Ant2			≤14.98	
11AV20 CDD	Ant3	5240 5240	8.78	≤14.98	PASS PASS
11AX20-CDD	Ant4	5240 5240	7.91	≤14.98	
	total	5240	14.25	≤14.98	PASS
	Ant1	5745	7.61	≤27.98	PASS
	Ant2	5745	6.11	≤27.98	PASS
	Ant3	5745	7.88	≤27.98	PASS
	Ant4	5745	7.18	≤27.98	PASS
	total	5745	13.27	≤27.98	PASS
	Ant1	5785	7.11	≤27.98	PASS
	Ant2	5785	6.38	≤27.98	PASS
	Ant3	5785	7.73	≤27.98	PASS
	Ant4	5785	7.67	≤27.98	PASS
	total	5785	13.28	≤27.98	PASS
	Ant1	5825	6.94	≤27.98	PASS
	Ant2	5825	6.35	≤27.98	PASS



	Ant3	5825	7.82	≤27.98	PASS
	Ant4	5825	6.82	≤27.98	PASS
	total	5825	13.04	≤27.98	PASS
	Ant1	5190	6.66	≤14.98	PASS
	Ant2	5190	7.3	≤14.98	PASS
	Ant3	5190	5.86	≤14.98	PASS
	Ant4	5190	6.45	≤14.98	PASS
	total	5190	12.62	≤14.98	PASS
	Ant1	5230	8.24	≤14.98	PASS
	Ant2	5230	9.54	≤14.98	PASS
	Ant3	5230	7.5	≤14.98	PASS
	Ant4	5230	7.86	≤14.98	PASS
	total	5230	14.38	≤14.98	PASS
11AX40-CDD	Ant1	5755	6.33	≤27.98	PASS
	Ant2	5755	5.07	≤27.98	PASS
	Ant3 Ant4	<u>5755</u> 5755	6.86	≤27.98	PASS PASS
			6.28	≤27.98	
	total	5755	12.20	≤27.98	PASS
	Ant1	5795	5.82	≤27.98	PASS
	Ant2	5795	4.8	≤27.98	PASS
	Ant3	5795	6.42	≤27.98	PASS
	Ant4	5795	5.87	≤27.98	PASS
	total	5795	11.79	≤27.98	PASS
	Ant1	5210	3.08	≤14.98	PASS
	Ant2	5210	4.1	≤14.98	PASS
	Ant3	5210	2.42	≤14.98	PASS
	Ant4	5210	2.59	≤14.98	PASS
11 A V 9 A C D D	total	5210	9.12	≤14.98	PASS
11AX80-CDD	Ant1	5775	2.06	≤27.98	PASS
	Ant2	5775	2.82	≤27.98	PASS
	Ant3	5775	1.37	≤27.98	PASS
	Ant4	5775	2.47	≤27.98	PASS
	total	5775	8.23	≤27.98	PASS
	Ant1	5180	8.52	≤14.98	PASS
	Ant2	5180	8.24	≤14.98	PASS
	Ant3	5180	9.1	≤14.98	PASS
	Ant4	5180	9.24	≤14.98	PASS
	total	5180	14.81	≤14.98	PASS
	Ant1	5200	8.28	≤14.98	PASS
	Ant2	5200	8.38	≤14.98	PASS
	Ant3	5200	9.32	≤14.98 ≤14.98	PASS
				≤14.98	PASS
	Ant4	5200 5200	8.9		PASS
11BE20-CDD	total	5200	14.76	≤14.98	
	Ant1	5240	7.62	≤14.98	PASS
	Ant2	5240	8.32	≤14.98	PASS
	Ant3	5240	9.21	≤14.98	PASS
	Ant4	5240	8.45	≤14.98	PASS
	total	5240	14.46	≤14.98	PASS
	Ant1	5745	6.71	≤27.98	PASS
	Ant2	5745	6.45	≤27.98	PASS
	Ant3	5745	8.3	≤27.98	PASS
	Ant4	5745	7.73	≤27.98	PASS
	total	5745	13.38	≤27.98	PASS
		F70F	7.04	≤27.98	PASS
	Ant1	5785			
	Ant1 Ant2	5785	6.72	≤27.98	PASS
				≤27.98 ≤27.98	PASS PASS
	Ant2	5785	6.72		
	Ant2 Ant3	5785 5785 5785	6.72 8.11	≤27.98 ≤27.98	PASS PASS
	Ant2 Ant3 Ant4 total	5785 5785 5785 5785	6.72 8.11 7.53 13.40	≤27.98 ≤27.98 ≤27.98	PASS PASS PASS
	Ant2 Ant3 Ant4 total Ant1	5785 5785 5785 5785 5785 5825	6.72 8.11 7.53 13.40 6.48	≤27.98 ≤27.98 ≤27.98 ≤27.98	PASS PASS PASS PASS
	Ant2 Ant3 Ant4 total Ant1 Ant2	5785 5785 5785 5785 5785 5825 5825	6.72 8.11 7.53 13.40 6.48 6.88	≤27.98 ≤27.98 ≤27.98 ≤27.98 ≤27.98	PASS PASS PASS PASS PASS
	Ant2 Ant3 Ant4 total Ant1	5785 5785 5785 5785 5785 5825	6.72 8.11 7.53 13.40 6.48	≤27.98 ≤27.98 ≤27.98 ≤27.98	PASS PASS PASS PASS



	A n+1	E100	6.68	<14.00	DACC
	Ant1 Ant2	5190 5190	7.17	≤14.98 ≤14.98	PASS PASS
	Ant3	5190	5.6	≤14.98	PASS
	Ant4	5190	6.29	≤14.98	PASS
	total	5190	12.49	≤14.98	PASS
	Ant1	5230	8.08	≤14.98	PASS
	Ant2	5230	9.57	≤14.98	PASS
	Ant3	5230	7.63	≤14.98	PASS
	Ant4	5230	7.98	≤14.98	PASS
11BE40-CDD	total	5230	14.40	≤14.98	PASS
TIBE40-CDD	Ant1	5755	5.38	≤27.98	PASS
	Ant2	5755	5.62	≤27.98	PASS
	Ant3	5755	7.27	≤27.98	PASS
	Ant4	5755	6.19	≤27.98	PASS
	total	5755	12.20	≤27.98	PASS
	Ant1	5795	5.06	≤27.98	PASS
	Ant2	5795	4.9	≤27.98	PASS
	Ant3	5795	6.46	≤27.98	PASS
	Ant4	5795	5.34	≤27.98	PASS
	total	5795	11.51	≤27.98	PASS
11BE80-CDD	Ant1	5210	2.85	≤14.98	PASS
	Ant2	5210	3.65	≤14.98	PASS
	Ant3	5210	2.31	≤14.98	PASS
	Ant4	5210	2.46	≤14.98	PASS
	total	5210	8.87	≤14.98	PASS
	Ant1	5775	2.22	≤27.98	PASS
	Ant2	5775	2.86	≤27.98	PASS
	Ant3	5775	1.4	≤27.98	PASS
	Ant4	5775	2.32	≤27.98	PASS
	total	5775	8.25	≤27.98	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.



11.5.2. Test Graphs









































































































