

























11.3. Appendix C: Maximum AVG conducted output power 11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
440	Ant1	2412	13.46	<=30	PASS
	Ant2	2412	14.29	<=30	PASS
	Ant1	2437	13.42	<=30	PASS
11B	Ant2	2437	14.11	<=30	PASS
	Ant1	2462	13.63	<=30	PASS
	Ant2	2462	14.19	<=30	PASS
	Ant1	2412	13.49	<=30	PASS
	Ant2	2412	14.17	<=30	PASS
110	Ant1	2437	13.62	<=30	PASS
11G	Ant2	2437	14.06	<=30	PASS
	Ant1	2462	13.56	<=30	PASS
	Ant2	2462	14.05	<=30	PASS
	Ant1	2412	11.94	<=30	PASS
	Ant2	2412	13.00	<=30	PASS
	total	2412	15.51	<=30	PASS
	Ant1	2437	11.99	<=30	PASS
11N20MIMO	Ant2	2437	12.90	<=30	PASS
	total	2437	15.48	<=30	PASS
	Ant1	2462	12.13	<=30	PASS
	Ant2	2462	12.96	<=30	PASS
	total	2462	15.58	<=30	PASS
	Ant1	2422	10.20	<=30	PASS
11N40MIMO	Ant2	2422	11.10	<=30	PASS
	total	2422	13.68	<=30	PASS
	Ant1	2437	10.87	<=30	PASS
	Ant2	2437	11.63	<=30	PASS
	total	2437	14.28	<=30	PASS
	Ant1	2452	11.09	<=30	PASS
	Ant2	2452	11.74	<=30	PASS
	total	2452	14.44	<=30	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

^{2.} The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

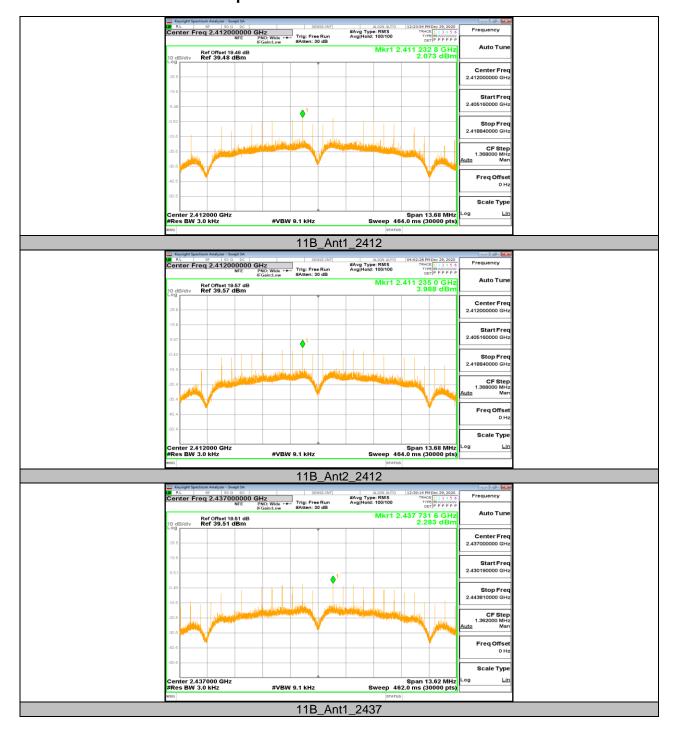


11.4. Appendix D: Maximum power spectral density 11.4.1. Test Result

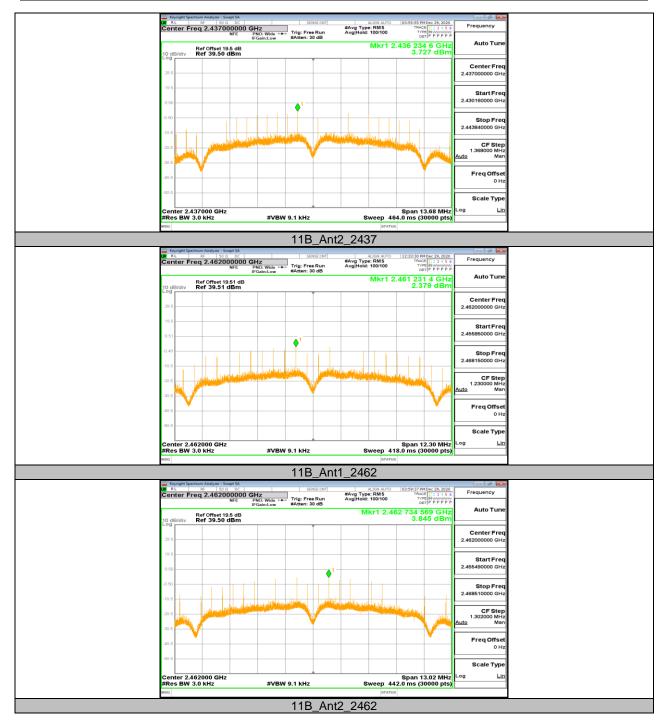
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
440	Ant1	2412	2.07	<=8	PASS
	Ant2	2412	3.99	<=8	PASS
	Ant1	2437	2.28	<=8	PASS
11B	Ant2	2437	3.73	<=8	PASS
	Ant1	2462	2.38	<=8	PASS
	Ant2	2462	3.85	<=8	PASS
	Ant1	2412	-12.20	<=8	PASS
	Ant2	2412	-10.83	<=8	PASS
440	Ant1	2437	-12.63	<=8	PASS
11G	Ant2	2437	-10.32	<=8	PASS
	Ant1	2462	-11.21	<=8	PASS
	Ant2	2462	-11.28	<=8	PASS
	Ant1	2412	-13.70	<=8	PASS
	Ant2	2412	-12.34	<=8	PASS
	total	2412	-9.96	<=8	PASS
	Ant1	2437	-12.49	<=8	PASS
11N20MIMO	Ant2	2437	-10.25	<=8	PASS
	total	2437	-8.22	<=8	PASS
	Ant1	2462	-10.70	<=8	PASS
	Ant2	2462	-9.58	<=8	PASS
	total	2462	-7.09	<=8	PASS
	Ant1	2422	-18.73	<=8	PASS
11N40MIMO	Ant2	2422	-18.22	<=8	PASS
	total	2422	-15.46	<=8	PASS
	Ant1	2437	-18.78	<=8	PASS
	Ant2	2437	-17.70	<=8	PASS
	total	2437	-15.20	<=8	PASS
	Ant1	2452	-18.4	<=8	PASS
	Ant2	2452	-18.53	<=8	PASS
	total	2452	-15.45	<=8	PASS



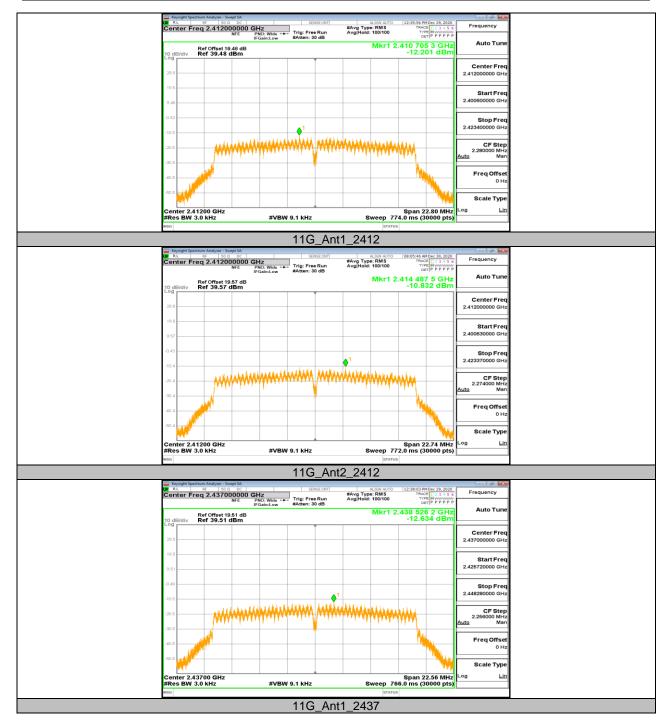
11.4.2. Test Graphs







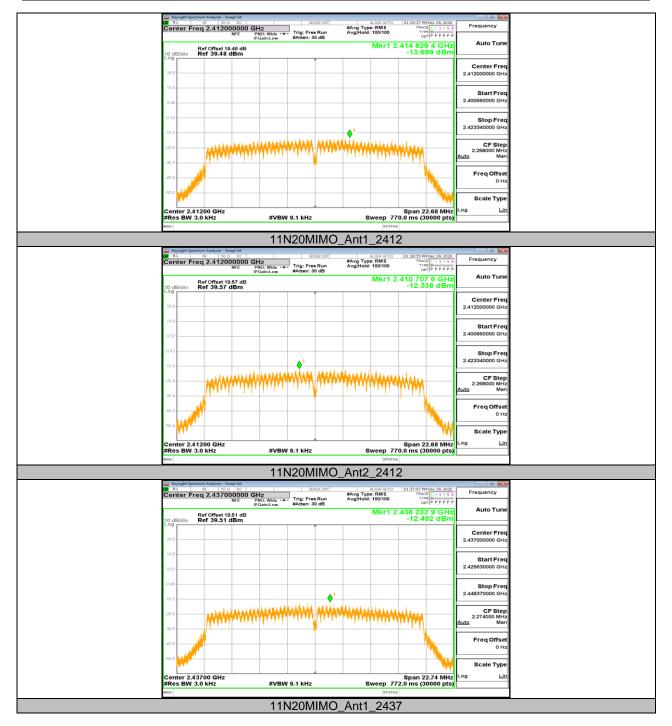




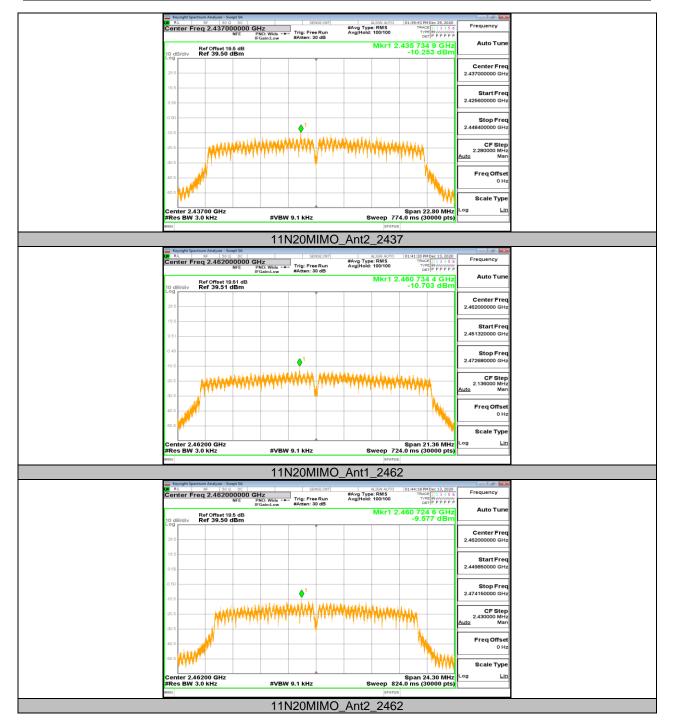




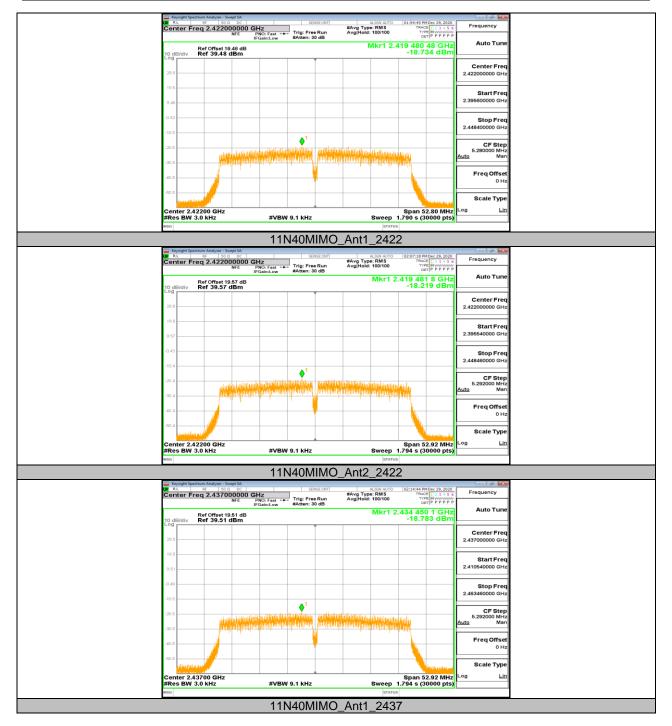




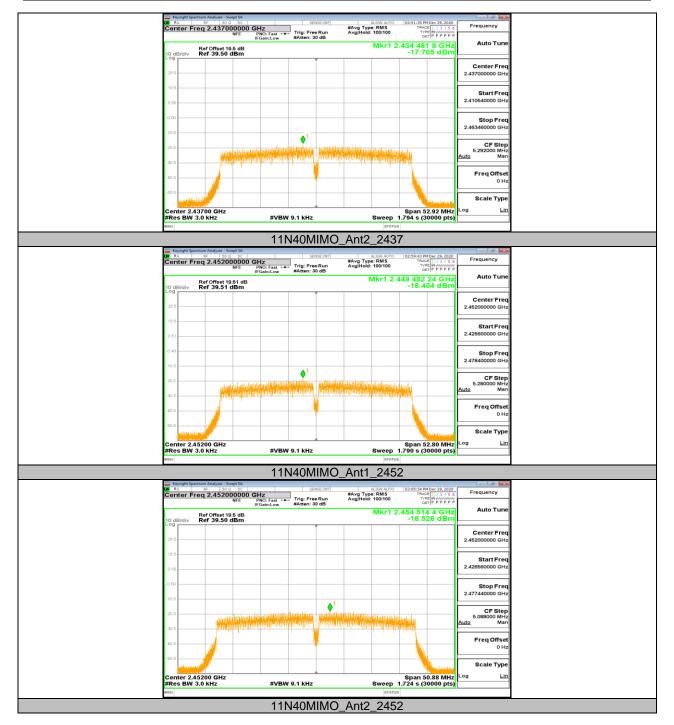














11.5. Appendix E: Band edge measurements 11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	4.63	-39.3	<=-25.37	PASS
IID		High	2462	4.67	-40.75	<=-25.33	PASS
440	Ant2	Low	2412	3.65	-32.31	<=-26.35	PASS
11G		High	2462	3.37	-40.97	<=-26.63	PASS
11N20 MIMO	Ant1	Low	2412	0.98	-31.3	<=-29.02	PASS
	Ant2	Low	2412	2.39	-27.86	<=-27.61	PASS
	Ant1	High	2462	1.73	-40.11	<=-28.27	PASS
	Ant2	High	2462	2.41	-40.61	<=-27.59	PASS
11N40 MIMO	Ant1	Low	2422	-4.34	-37.66	<=-34.34	PASS
	Ant2	Low	2422	-3.62	-38.33	<=-33.62	PASS
	Ant1	High	2452	-3.74	-39.55	<=-33.74	PASS
	Ant2	High	2452	-2.84	-39.2	<=-32.84	PASS



11.5.2. Test Graphs

















11.6. Appendix F: Conducted Spurious Emission 11.6.1. Test Result

Reference	Test Mode	Antenna	Channel	FreqRange	Result	Limit	Verdict
Anti	rest wode Antenna		Chamilei			[dBm]	
11B					4.61		
Reference			2412			<=-25.39	PASS
11B				1000~26500		<=-25.39	PASS
1000-26500				Reference	4.54		PASS
Reference 4.68	11B	Ant2	2437	30~1000		<=-25.47	PASS
Reference 4.68				1000~26500		<=-25.47	PASS
2462 30-1000 <-25.32 PASS					4.68		PASS
1000-26500 -			2462			<=-25.32	PASS
Reference							
11G					1 61		
1100			2412				
Reference 3.61			2112				
11G							
1000-26500	110	Ant2	2/27		1		
Reference 3.62	110	AIILZ	2431		1		
Ant1 2437 30-1000 <=-26.38 PASS P				1			
Ant1 2412 30-1000 <=-26.38 PASS Reference 1.68 PASS PASS 1000-26500 <=-28.33 PASS 1000-26500 <=-28.33 PASS 1000-26500 <=-28.33 PASS 1000-26500 <=-28.76 PASS 1000-26500 <=-28.76 PASS 1000-26500 <=-28.76 PASS 1000-26500 <=-28.76 PASS PASS 1000-26500 <=-28.64 PASS PA			2462				
Ant1 2412 30-1000							
Ant1							
Ant2 2412							
Reference		Ant1	2412				
Ant2 2412 30~1000 <=28.76 PASS						<=-28.33	
Ant1 2437 Reference 1.36 <=-28.76 PASS				Reference	1.24		PASS
Natl		Ant2	2412	30~1000		<=-28.76	PASS
Ant1				1000~26500		<=-28.76	PASS
11N20MIMO				Reference	1.36		PASS
Reference 2.31		Ant1	2437	30~1000		<=-28.64	PASS
Reference 2.31	44100141140		2.07	1000~26500			PASS
Ant2 2437 30~1000 <=2.7.69 PASS 1000~26500 <=2.7.69 PASS Reference 1.05 PASS 1000~26500 <=2.8.95 PASS 1000~26500 <=2.8.95 PASS 1000~26500 <=2.8.95 PASS 1000~26500 <=2.8.95 PASS 1000~26500 <=2.8.7 PASS 1000~26500 <=3.4.31 PASS 1000~26500 <=3.4.31 PASS 1000~26500 <=3.4.31 PASS 1000~26500 <=3.3.34 PASS 1000~26500 <=3.3.39 PASS 10000~26500 <=3.3.39 PASS 10000~26500 <=3	11N20MIMO				2.31		PASS
Ant1 2462 30~1000 <=-27.69 PASS Reference 1.05 PASS Reference 1.05 PASS Reference 1.05 PASS Reference 1.05 PASS Reference 1.31 PASS Reference 1.31 PASS Ant2 2462 30~1000 <=-28.7 PASS Reference -4.31 PASS Reference -4.31 PASS Reference -4.31 PASS Reference -3.34 PASS Ant2 2422 30~1000 <=-34.31 PASS Reference -3.34 PASS Reference -3.34 PASS Ant2 2422 30~1000 <=-33.34 PASS Reference -4.03 PASS Reference -4.03 PASS Ant1 2437 30~1000 <=-34.03 PASS Reference -2.95 PASS Ant2 2437 30~1000 <=-32.95 PASS Reference -3.89 PASS Reference -3.89 PASS Reference -3.89 PASS Reference -3.89		Ant2	2437			<=-27.69	PASS
Ant1 2462 Reference 1.05 PASS							
Ant1 2462 30~1000 <-28.95 PASS 1000~26500 <-28.95 PASS PASS 1000~26500 <-28.95 PASS PASS PASS PASS PASS PASS PASS PAS					1.05		
Ant2		Ant1	2462			<=-28.95	_
Ant2 2462							
Ant2 2462 30~1000 <=28.7 PASS		Ant2	2462				
Ant1 2422 Reference -4.31 PASS							
Ant1 2422					1		
Ant1 2422 30~1000 <=-34.31 PASS 1000~26500 <=-34.31 PASS 1000~26500 <=-34.31 PASS 1000~26500 <=-33.34 PASS 1000~26500 <=-33.34 PASS 1000~26500 <=-33.34 PASS 1000~26500 <=-34.03 PASS 10000~26500 <=-34.03 PASS 1000~26500 <=-34.03 PASS 10000~26500 <=-34.03 PASS 100							
1000~26500		Ant1	0.400				_
Ant2 2422 Reference -3.34 PASS			2422				
Ant2 2422 30~1000 <=-33.34 PASS 1000~26500 <=-33.34 PASS Reference -4.03 PASS 1000~26500 <=-34.03 PASS 1000~26500 <=-34.03 PASS 1000~26500 <=-34.03 PASS 1000~26500 <=-34.03 PASS 1000~26500 PASS 1000~26500 PASS 1000~26500 <=-32.95 PASS 1000~26500 <=-32.95 PASS 1000~26500 <=-32.95 PASS 1000~26500 <=-33.89 PASS 10000~26500 <=-33.89 PASS 10000~26500 <=-33.89 PASS 10000~26500 <=-33.89 PASS							
Ant1 2437 Reference -4.03 <=-33.34 PASS Reference -4.03 PASS 1000~26500 <=-34.03 PASS 1000~26500 <=-34.03 PASS 1000~26500 <=-34.03 PASS 1000~26500 PASS 1000~26500 <=-32.95 PASS 1000~26500 <=-32.95 PASS 1000~26500 <=-32.95 PASS 1000~26500 <=-33.89 PASS 10000~26500 <=-33.89 PASS 10000~26500 <=-33.89 PASS 10000~26500	11N40MIMO		2422				
Ant1 2437 Reference -4.03 PASS		Ant2					
Ant1 2437 30~1000 <=-34.03 PASS 1000~26500 <=-34.03 PASS Reference -2.95 PASS 1000~26500 <=-32.95 PASS 1000~26500 <=-32.95 PASS PASS Ant1 2452 30~1000 <=-33.89 PASS 1000~26500 <=-33.89 PASS 1000~26500 <=-33.89 PASS PASS 1000~26500 <=-33.89 PASS PASS 1000~26500 <=-33.89 PASS PASS PASS 1000~26500 <=-33.89 PASS PASS PASS 1000~26500 <=-33.89 PASS PASS PASS PASS PASS PASS PASS PAS						<=-33.34	_
11N40MIMO Ant2 2437 Reference -2.95 30~1000 <=-32.95 PASS 1000~26500 Reference -3.89 PASS Ant1 2452 30~1000 Ant1 2452 1000~26500		Ant1	2437		-4.03		
Reference				30~1000		<=-34.03	PASS
Ant2 2437 30~1000 <=-32.95 PASS 1000~26500 <=-32.95 PASS 1000~26500 <=-32.95 PASS Reference -3.89 PASS 30~1000 <=-33.89 PASS 1000~26500 <=-33.89 PASS				1000~26500		<=-34.03	PASS
Ant1 2452		Ant2	2437	Reference	-2.95		PASS
Ant1 2452 Reference -3.89 PASS 30~1000 <=-33.89 PASS 1000~26500 <=-33.89 PASS				30~1000		<=-32.95	PASS
Ant1 2452 30~1000 <=-33.89 PASS 1000~26500 <=-33.89 PASS				1000~26500		<=-32.95	PASS
Ant1 2452 30~1000 <=-33.89 PASS 1000~26500 <=-33.89 PASS		Ant1	2452	Reference	-3.89		PASS
1000~26500 <=-33.89 PASS						<=-33.89	PASS
							PASS
		Ant2			+		PASS
			2452				PASS
			2702				PASS



11.6.2. Test Graphs

