

AppendixG:Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	1Mbps	0~Reference	1.44	1.44	---	PASS
11B	Ant1	2412	1Mbps	30~1000	1.44	-62.61	≤-18.56	PASS
11B	Ant1	2412	1Mbps	1000~26500	1.44	-50.93	≤-18.56	PASS
11B	Ant2	2412	1Mbps	0~Reference	0.79	0.79	---	PASS
11B	Ant2	2412	1Mbps	30~1000	0.79	-62.24	≤-19.21	PASS
11B	Ant2	2412	1Mbps	1000~26500	0.79	-49.42	≤-19.21	PASS
11B	Ant1	2437	1Mbps	0~Reference	1.54	1.54	---	PASS
11B	Ant1	2437	1Mbps	30~1000	1.54	-61.97	≤-18.46	PASS
11B	Ant1	2437	1Mbps	1000~26500	1.54	-50.71	≤-18.46	PASS
11B	Ant2	2437	1Mbps	0~Reference	0.70	0.70	---	PASS
11B	Ant2	2437	1Mbps	30~1000	0.70	-62.68	≤-19.3	PASS
11B	Ant2	2437	1Mbps	1000~26500	0.70	-50.61	≤-19.3	PASS
11B	Ant1	2462	1Mbps	0~Reference	1.28	1.28	---	PASS
11B	Ant1	2462	1Mbps	30~1000	1.28	-61.91	≤-18.72	PASS
11B	Ant1	2462	1Mbps	1000~26500	1.28	-49.27	≤-18.72	PASS
11B	Ant2	2462	1Mbps	0~Reference	1.42	1.42	---	PASS
11B	Ant2	2462	1Mbps	30~1000	1.42	-63	≤-18.58	PASS
11B	Ant2	2462	1Mbps	1000~26500	1.42	-50.95	≤-18.58	PASS
11G	Ant1	2412	6Mbps	0~Reference	-6.64	-6.64	---	PASS
11G	Ant1	2412	6Mbps	30~1000	-6.64	-60.36	≤-26.64	PASS
11G	Ant1	2412	6Mbps	1000~26500	-6.64	-49.85	≤-26.64	PASS
11G	Ant2	2412	6Mbps	0~Reference	-7.00	-7.00	---	PASS
11G	Ant2	2412	6Mbps	30~1000	-7.00	-61.42	≤-27	PASS
11G	Ant2	2412	6Mbps	1000~26500	-7.00	-50.49	≤-27	PASS
11G	Ant1	2437	6Mbps	0~Reference	-7.22	-7.22	---	PASS
11G	Ant1	2437	6Mbps	30~1000	-7.22	-62.44	≤-27.22	PASS
11G	Ant1	2437	6Mbps	1000~26500	-7.22	-50.4	≤-27.22	PASS
11G	Ant2	2437	6Mbps	0~Reference	-6.34	-6.34	---	PASS
11G	Ant2	2437	6Mbps	30~1000	-6.34	-62.73	≤-26.34	PASS
11G	Ant2	2437	6Mbps	1000~26500	-6.34	-50.77	≤-26.34	PASS
11G	Ant1	2462	6Mbps	0~Reference	-8.59	-8.59	---	PASS
11G	Ant1	2462	6Mbps	30~1000	-8.59	-62.65	≤-28.59	PASS
11G	Ant1	2462	6Mbps	1000~26500	-8.59	-50.37	≤-28.59	PASS
11G	Ant2	2462	6Mbps	0~Reference	-6.15	-6.15	---	PASS
11G	Ant2	2462	6Mbps	30~1000	-6.15	-62.4	≤-26.15	PASS
11G	Ant2	2462	6Mbps	1000~26500	-6.15	-50.2	≤-26.15	PASS
11N20SISO	Ant1	2412	MCS0	0~Reference	-6.45	-6.45	---	PASS

11N20SISO	Ant1	2412	MCS0	30~1000	-6.45	-62.01	≤ -26.45	PASS
11N20SISO	Ant1	2412	MCS0	1000~26500	-6.45	-50.31	≤ -26.45	PASS
11N20SISO	Ant2	2412	MCS0	0~Reference	-7.83	-7.83	---	PASS
11N20SISO	Ant2	2412	MCS0	30~1000	-7.83	-62.86	≤ -27.83	PASS
11N20SISO	Ant2	2412	MCS0	1000~26500	-7.83	-50.51	≤ -27.83	PASS
11N20SISO	Ant1	2437	MCS0	0~Reference	-7.35	-7.35	---	PASS
11N20SISO	Ant1	2437	MCS0	30~1000	-7.35	-62.48	≤ -27.35	PASS
11N20SISO	Ant1	2437	MCS0	1000~26500	-7.35	-50.21	≤ -27.35	PASS
11N20SISO	Ant2	2437	MCS0	0~Reference	-6.85	-6.85	---	PASS
11N20SISO	Ant2	2437	MCS0	30~1000	-6.85	-62.6	≤ -26.85	PASS
11N20SISO	Ant2	2437	MCS0	1000~26500	-6.85	-51.03	≤ -26.85	PASS
11N20SISO	Ant1	2462	MCS0	0~Reference	-8.51	-8.51	---	PASS
11N20SISO	Ant1	2462	MCS0	30~1000	-8.51	-61.86	≤ -28.51	PASS
11N20SISO	Ant1	2462	MCS0	1000~26500	-8.51	-49.95	≤ -28.51	PASS
11N20SISO	Ant2	2462	MCS0	0~Reference	-6.65	-6.65	---	PASS
11N20SISO	Ant2	2462	MCS0	30~1000	-6.65	-62.85	≤ -26.65	PASS
11N20SISO	Ant2	2462	MCS0	1000~26500	-6.65	-50.25	≤ -26.65	PASS
11N20MIMO	Ant1	2412	MCS0	0~Reference	-10.66	-10.66	---	PASS
11N20MIMO	Ant1	2412	MCS0	30~1000	-10.66	-62.42	≤ -30.66	PASS
11N20MIMO	Ant1	2412	MCS0	1000~26500	-10.66	-50.55	≤ -30.66	PASS
11N20MIMO	Ant2	2412	MCS0	0~Reference	-11.78	-11.78	---	PASS
11N20MIMO	Ant2	2412	MCS0	30~1000	-11.78	-62.23	≤ -31.78	PASS
11N20MIMO	Ant2	2412	MCS0	1000~26500	-11.78	-50.58	≤ -31.78	PASS
11N20MIMO	Ant1	2437	MCS0	0~Reference	-10.68	-10.68	---	PASS
11N20MIMO	Ant1	2437	MCS0	30~1000	-10.68	-61.63	≤ -30.68	PASS
11N20MIMO	Ant1	2437	MCS0	1000~26500	-10.68	-50.5	≤ -30.68	PASS
11N20MIMO	Ant2	2437	MCS0	0~Reference	-11.89	-11.89	---	PASS
11N20MIMO	Ant2	2437	MCS0	30~1000	-11.89	-60.8	≤ -31.89	PASS
11N20MIMO	Ant2	2437	MCS0	1000~26500	-11.89	-49.85	≤ -31.89	PASS
11N20MIMO	Ant1	2462	MCS0	0~Reference	-11.82	-11.82	---	PASS
11N20MIMO	Ant1	2462	MCS0	30~1000	-11.82	-59.41	≤ -31.82	PASS
11N20MIMO	Ant1	2462	MCS0	1000~26500	-11.82	-50.78	≤ -31.82	PASS
11N20MIMO	Ant2	2462	MCS0	0~Reference	-11.52	-11.52	---	PASS
11N20MIMO	Ant2	2462	MCS0	30~1000	-11.52	-62.29	≤ -31.52	PASS
11N20MIMO	Ant2	2462	MCS0	1000~26500	-11.52	-50	≤ -31.52	PASS

Test Graphs















