

11N40SISO	Ant0	5550	-1.41	≤11.00	PASS
11N40SISO	Ant1	5550	-0.08	≤11.00	PASS
11N40SISO	Ant0	5670	-1.22	≤11.00	PASS
11N40SISO	Ant1	5670	0.49	≤11.00	PASS
11N40SISO	Ant0	5710_UNII-2C	-0.82	≤11.00	PASS
11N40SISO	Ant1	5710_UNII-2C	0.27	≤11.00	PASS
11N40SISO	Ant0	5710_UNII-3	-5.36	≤30.00	PASS
11N40SISO	Ant1	5710_UNII-3	-4.49	≤30.00	PASS
11N40SISO	Ant0	5755	-2.71	≤30.00	PASS
11N40SISO	Ant1	5755	-1.99	≤30.00	PASS
11N40SISO	Ant0	5795	-2.47	≤30.00	PASS
11N40SISO	Ant1	5795	-2.13	≤30.00	PASS
11N40MIMO	Ant0	5190	-1.25	≤17.00	PASS
11N40MIMO	Ant1	5190	-2.59	≤17.00	PASS
11N40MIMO	total	5190	1.14	≤17.00	PASS
11N40MIMO	Ant0	5230	-1.51	≤17.00	PASS
11N40MIMO	Ant1	5230	-2.50	≤17.00	PASS
11N40MIMO	total	5230	1.03	≤17.00	PASS
11N40MIMO	Ant0	5270	-1.11	≤11.00	PASS
11N40MIMO	Ant1	5270	-2.36	≤11.00	PASS
11N40MIMO	total	5270	1.32	≤11.00	PASS
11N40MIMO	Ant0	5310	-2.42	≤11.00	PASS
11N40MIMO	Ant1	5310	-2.26	≤11.00	PASS
11N40MIMO	total	5310	0.67	≤11.00	PASS
11N40MIMO	Ant0	5510	-3.35	≤11.00	PASS
11N40MIMO	Ant1	5510	-2.06	≤11.00	PASS
11N40MIMO	total	5510	0.35	≤11.00	PASS
11N40MIMO	Ant0	5550	-3.09	≤11.00	PASS
11N40MIMO	Ant1	5550	-2.00	≤11.00	PASS
11N40MIMO	total	5550	0.50	≤11.00	PASS
11N40MIMO	Ant0	5670	-3.29	≤11.00	PASS
11N40MIMO	Ant1	5670	-1.66	≤11.00	PASS
11N40MIMO	total	5670	0.61	≤11.00	PASS
11N40MIMO	Ant0	5710_UNII-2C	-2.90	≤11.00	PASS
11N40MIMO	Ant1	5710_UNII-2C	-1.83	≤11.00	PASS
11N40MIMO	total	5710_UNII-2C	0.68	≤11.00	PASS
11N40MIMO	Ant0	5710_UNII-3	-6.86	≤30.00	PASS
11N40MIMO	Ant1	5710_UNII-3	-6.77	≤30.00	PASS
11N40MIMO	total	5710_UNII-3	-3.80	≤30.00	PASS

11N40MIMO	Ant0	5755	-4.42	≤30.00	PASS
11N40MIMO	Ant1	5755	-4.10	≤30.00	PASS
11N40MIMO	total	5755	-1.25	≤30.00	PASS
11N40MIMO	Ant0	5795	-4.53	≤30.00	PASS
11N40MIMO	Ant1	5795	-4.76	≤30.00	PASS
11N40MIMO	total	5795	-1.63	≤30.00	PASS
11AC20SISO	Ant0	5180	4.02	≤17.00	PASS
11AC20SISO	Ant1	5180	2.89	≤17.00	PASS
11AC20SISO	Ant0	5220	3.37	≤17.00	PASS
11AC20SISO	Ant1	5220	2.76	≤17.00	PASS
11AC20SISO	Ant0	5240	3.49	≤17.00	PASS
11AC20SISO	Ant1	5240	2.87	≤17.00	PASS
11AC20SISO	Ant0	5260	3.81	≤11.00	PASS
11AC20SISO	Ant1	5260	2.69	≤11.00	PASS
11AC20SISO	Ant0	5300	3.06	≤11.00	PASS
11AC20SISO	Ant1	5300	2.59	≤11.00	PASS
11AC20SISO	Ant0	5320	2.72	≤11.00	PASS
11AC20SISO	Ant1	5320	2.61	≤11.00	PASS
11AC20SISO	Ant0	5500	1.64	≤11.00	PASS
11AC20SISO	Ant1	5500	3.06	≤11.00	PASS
11AC20SISO	Ant0	5580	2.45	≤11.00	PASS
11AC20SISO	Ant1	5580	3.52	≤11.00	PASS
11AC20SISO	Ant0	5700	2.48	≤11.00	PASS
11AC20SISO	Ant1	5700	3.69	≤11.00	PASS
11AC20SISO	Ant0	5720_UNII-2C	2.31	≤11.00	PASS
11AC20SISO	Ant1	5720_UNII-2C	3.13	≤11.00	PASS
11AC20SISO	Ant0	5720_UNII-3	-1.47	≤30.00	PASS
11AC20SISO	Ant1	5720_UNII-3	-0.61	≤30.00	PASS
11AC20SISO	Ant0	5745	0.62	≤30.00	PASS
11AC20SISO	Ant1	5745	1.60	≤30.00	PASS
11AC20SISO	Ant0	5785	0.60	≤30.00	PASS
11AC20SISO	Ant1	5785	1.43	≤30.00	PASS
11AC20SISO	Ant0	5825	1.20	≤30.00	PASS
11AC20SISO	Ant1	5825	1.53	≤30.00	PASS
11AC20MIMO	Ant0	5180	2.04	≤17.00	PASS
11AC20MIMO	Ant1	5180	1.10	≤17.00	PASS
11AC20MIMO	total	5180	4.61	≤17.00	PASS
11AC20MIMO	Ant0	5220	1.76	≤17.00	PASS
11AC20MIMO	Ant1	5220	1.17	≤17.00	PASS

11AC20MIMO	total	5220	4.49	≤17.00	PASS
11AC20MIMO	Ant0	5240	1.38	≤17.00	PASS
11AC20MIMO	Ant1	5240	0.65	≤17.00	PASS
11AC20MIMO	total	5240	4.04	≤17.00	PASS
11AC20MIMO	Ant0	5260	2.23	≤11.00	PASS
11AC20MIMO	Ant1	5260	0.64	≤11.00	PASS
11AC20MIMO	total	5260	4.52	≤11.00	PASS
11AC20MIMO	Ant0	5300	0.71	≤11.00	PASS
11AC20MIMO	Ant1	5300	0.78	≤11.00	PASS
11AC20MIMO	total	5300	3.76	≤11.00	PASS
11AC20MIMO	Ant0	5320	0.89	≤11.00	PASS
11AC20MIMO	Ant1	5320	0.54	≤11.00	PASS
11AC20MIMO	total	5320	3.73	≤11.00	PASS
11AC20MIMO	Ant0	5500	-0.36	≤11.00	PASS
11AC20MIMO	Ant1	5500	1.45	≤11.00	PASS
11AC20MIMO	total	5500	3.65	≤11.00	PASS
11AC20MIMO	Ant0	5580	0.79	≤11.00	PASS
11AC20MIMO	Ant1	5580	1.45	≤11.00	PASS
11AC20MIMO	total	5580	4.14	≤11.00	PASS
11AC20MIMO	Ant0	5700	0.55	≤11.00	PASS
11AC20MIMO	Ant1	5700	1.46	≤11.00	PASS
11AC20MIMO	total	5700	4.04	≤11.00	PASS
11AC20MIMO	Ant0	5720_UNII-2C	0.19	≤11.00	PASS
11AC20MIMO	Ant1	5720_UNII-2C	1.27	≤11.00	PASS
11AC20MIMO	total	5720_UNII-2C	3.77	≤11.00	PASS
11AC20MIMO	Ant0	5720_UNII-3	-3.34	≤30.00	PASS
11AC20MIMO	Ant1	5720_UNII-3	-2.88	≤30.00	PASS
11AC20MIMO	total	5720_UNII-3	-0.09	≤30.00	PASS
11AC20MIMO	Ant0	5745	-1.93	≤30.00	PASS
11AC20MIMO	Ant1	5745	-0.71	≤30.00	PASS
11AC20MIMO	total	5745	1.73	≤30.00	PASS
11AC20MIMO	Ant0	5785	-1.06	≤30.00	PASS
11AC20MIMO	Ant1	5785	-1.28	≤30.00	PASS
11AC20MIMO	total	5785	1.84	≤30.00	PASS
11AC20MIMO	Ant0	5825	-0.83	≤30.00	PASS
11AC20MIMO	Ant1	5825	-0.64	≤30.00	PASS
11AC20MIMO	total	5825	2.28	≤30.00	PASS
11AC40SISO	Ant0	5190	0.32	≤17.00	PASS
11AC40SISO	Ant1	5190	-0.44	≤17.00	PASS

11AC40SISO	Ant0	5230	0.32	≤17.00	PASS
11AC40SISO	Ant1	5230	-0.44	≤17.00	PASS
11AC40SISO	Ant0	5270	0.32	≤11.00	PASS
11AC40SISO	Ant1	5270	-0.53	≤11.00	PASS
11AC40SISO	Ant0	5310	-0.40	≤11.00	PASS
11AC40SISO	Ant1	5310	-0.51	≤11.00	PASS
11AC40SISO	Ant0	5510	-1.59	≤11.00	PASS
11AC40SISO	Ant1	5510	-0.18	≤11.00	PASS
11AC40SISO	Ant0	5550	-1.33	≤11.00	PASS
11AC40SISO	Ant1	5550	-0.10	≤11.00	PASS
11AC40SISO	Ant0	5670	-1.25	≤11.00	PASS
11AC40SISO	Ant1	5670	0.44	≤11.00	PASS
11AC40SISO	Ant0	5710_UNII-2C	-0.84	≤11.00	PASS
11AC40SISO	Ant1	5710_UNII-2C	0.22	≤11.00	PASS
11AC40SISO	Ant0	5710_UNII-3	-5.45	≤30.00	PASS
11AC40SISO	Ant1	5710_UNII-3	-4.62	≤30.00	PASS
11AC40SISO	Ant0	5755	-2.70	≤30.00	PASS
11AC40SISO	Ant1	5755	-1.98	≤30.00	PASS
11AC40SISO	Ant0	5795	-2.57	≤30.00	PASS
11AC40SISO	Ant1	5795	-2.05	≤30.00	PASS
11AC40MIMO	Ant0	5190	-1.37	≤17.00	PASS
11AC40MIMO	Ant1	5190	-2.32	≤17.00	PASS
11AC40MIMO	total	5190	1.19	≤17.00	PASS
11AC40MIMO	Ant0	5230	-1.46	≤17.00	PASS
11AC40MIMO	Ant1	5230	-2.47	≤17.00	PASS
11AC40MIMO	total	5230	1.07	≤17.00	PASS
11AC40MIMO	Ant0	5270	-1.19	≤11.00	PASS
11AC40MIMO	Ant1	5270	-2.26	≤11.00	PASS
11AC40MIMO	total	5270	1.32	≤11.00	PASS
11AC40MIMO	Ant0	5310	-2.02	≤11.00	PASS
11AC40MIMO	Ant1	5310	-2.50	≤11.00	PASS
11AC40MIMO	total	5310	0.76	≤11.00	PASS
11AC40MIMO	Ant0	5510	-3.29	≤11.00	PASS
11AC40MIMO	Ant1	5510	-1.94	≤11.00	PASS
11AC40MIMO	total	5510	0.45	≤11.00	PASS
11AC40MIMO	Ant0	5550	-3.22	≤11.00	PASS
11AC40MIMO	Ant1	5550	-1.98	≤11.00	PASS
11AC40MIMO	total	5550	0.45	≤11.00	PASS
11AC40MIMO	Ant0	5670	-3.38	≤11.00	PASS

11AC40MIMO	Ant1	5670	-1.30	≤11.00	PASS
11AC40MIMO	total	5670	0.79	≤11.00	PASS
11AC40MIMO	Ant0	5710_UNII-2C	-2.76	≤11.00	PASS
11AC40MIMO	Ant1	5710_UNII-2C	-1.71	≤11.00	PASS
11AC40MIMO	total	5710_UNII-2C	0.81	≤11.00	PASS
11AC40MIMO	Ant0	5710_UNII-3	-7.79	≤30.00	PASS
11AC40MIMO	Ant1	5710_UNII-3	-6.86	≤30.00	PASS
11AC40MIMO	total	5710_UNII-3	-4.29	≤30.00	PASS
11AC40MIMO	Ant0	5755	-4.25	≤30.00	PASS
11AC40MIMO	Ant1	5755	-4.22	≤30.00	PASS
11AC40MIMO	total	5755	-1.22	≤30.00	PASS
11AC40MIMO	Ant0	5795	-4.55	≤30.00	PASS
11AC40MIMO	Ant1	5795	-4.39	≤30.00	PASS
11AC40MIMO	total	5795	-1.46	≤30.00	PASS
11AC80SISO	Ant0	5210	-3.64	≤17.00	PASS
11AC80SISO	Ant1	5210	-4.10	≤17.00	PASS
11AC80SISO	Ant0	5290	-3.47	≤11.00	PASS
11AC80SISO	Ant1	5290	-4.34	≤11.00	PASS
11AC80SISO	Ant0	5530	-5.55	≤11.00	PASS
11AC80SISO	Ant1	5530	-4.23	≤11.00	PASS
11AC80SISO	Ant0	5610	-4.37	≤11.00	PASS
11AC80SISO	Ant1	5610	-3.43	≤11.00	PASS
11AC80SISO	Ant0	5690_UNII-2C	-5.06	≤11.00	PASS
11AC80SISO	Ant1	5690_UNII-2C	-3.65	≤11.00	PASS
11AC80SISO	Ant0	5690_UNII-3	-9.30	≤30.00	PASS
11AC80SISO	Ant1	5690_UNII-3	-7.72	≤30.00	PASS
11AC80SISO	Ant0	5775	-5.87	≤30.00	PASS
11AC80SISO	Ant1	5775	-6.09	≤30.00	PASS
11AC80MIMO	Ant0	5210	-5.20	≤17.00	PASS
11AC80MIMO	Ant1	5210	-6.14	≤17.00	PASS
11AC80MIMO	total	5210	-2.63	≤17.00	PASS
11AC80MIMO	Ant0	5290	-5.39	≤11.00	PASS
11AC80MIMO	Ant1	5290	-5.84	≤11.00	PASS
11AC80MIMO	total	5290	-2.60	≤11.00	PASS
11AC80MIMO	Ant0	5530	-7.41	≤11.00	PASS
11AC80MIMO	Ant1	5530	-5.89	≤11.00	PASS
11AC80MIMO	total	5530	-3.57	≤11.00	PASS
11AC80MIMO	Ant0	5610	-6.31	≤11.00	PASS
11AC80MIMO	Ant1	5610	-4.79	≤11.00	PASS

11AC80MIMO	total	5610	-2.47	≤11.00	PASS
11AC80MIMO	Ant0	5690_UNII-2C	-6.75	≤11.00	PASS
11AC80MIMO	Ant1	5690_UNII-2C	-5.61	≤11.00	PASS
11AC80MIMO	total	5690_UNII-2C	-3.13	≤11.00	PASS
11AC80MIMO	Ant0	5690_UNII-3	-11.41	≤30.00	PASS
11AC80MIMO	Ant1	5690_UNII-3	-10.38	≤30.00	PASS
11AC80MIMO	total	5690_UNII-3	-7.85	≤30.00	PASS
11AC80MIMO	Ant0	5775	-7.95	≤30.00	PASS
11AC80MIMO	Ant1	5775	-7.98	≤30.00	PASS
11AC80MIMO	total	5775	-4.95	≤30.00	PASS

Note1:For Total PSD,according to KDB 662911 D01 Multiple Transmitter Output v02r01 2)a),the power spectral density= $10\log(10^{(PSD_{antenna1} \text{ in dBm}/10)} + 10^{(PSD_{antenna2} \text{ in dBm}/10)})$

Note2:The manufacturer declared the transmitter output signals is CDD mode. And $N_{SS}=1$. According to KDB 662911D01 Multiple Transmitter Output v02r01 F2)f(i): If all antennas have the same gain, Directional gain = $G_{ANT} + \text{Array Gain}$.For PSD measurements on all devices,Array Gain= $10\log(N_{ANT}/N_{SS})\text{dB}$, so directional gain= $G_{ANT} + \text{Array Gain} = -0.40 + 10\log(2/1) = 3.41 < 6\text{dBi}$.

Test Graphs





11A-Ant0-5260-PASS



11A-Ant1-5260-PASS



11A-Ant0-5300-PASS



11A-Ant1-5300-PASS



11A-Ant0-5320-PASS



11A-Ant1-5320-PASS



11A-Ant0-5500-PASS



11A-Ant1-5500-PASS

















