









3. Maximum Power Spectral Density

3.1 PSD

3.1.1 Test Result

MAIN ANT1

Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	2.07	0	2.07	11	Pass
a	5240	1.78	0	1.78	11	Pass
a	5260	1.52	0	1.52	11	Pass
a	5320	1.95	0	1.95	11	Pass
a	5500	2.08	0	2.08	11	Pass
a	5700	2.11	0	2.11	11	Pass
a	5745	-1.33	0	-1.33	30	Pass
a	5825	-2.17	0	-2.17	30	Pass
n20	5180	1.87	0	1.87	11	Pass
n20	5240	1.31	0	1.31	11	Pass
n20	5260	1.31	0	1.31	11	Pass
n20	5320	2.02	0	2.02	11	Pass
n20	5500	2.02	0	2.02	11	Pass
n20	5700	2.05	0	2.05	11	Pass
n20	5745	-1.54	0	-1.54	30	Pass
n20	5825	-2.25	0	-2.25	30	Pass
n40	5190	-0.27	0	-0.27	11	Pass
n40	5230	-0.02	0	-0.02	11	Pass
n40	5270	-0.21	0	-0.21	11	Pass
n40	5310	-0.63	0	-0.63	11	Pass
n40	5510	-1.38	0	-1.38	11	Pass
n40	5670	0.88	0	0.88	11	Pass
n40	5755	-3.33	0	-3.33	30	Pass
n40	5795	-2.97	0	-2.97	30	Pass
ac20	5180	2.03	0	2.03	11	Pass
ac20	5240	1.26	0	1.26	11	Pass
ac20	5260	1.52	0	1.52	11	Pass
ac20	5320	2.04	0	2.04	11	Pass
ac20	5500	1.86	0	1.86	11	Pass
ac20	5700	2.41	0	2.41	11	Pass
ac20	5745	-1.67	0	-1.67	30	Pass
ac20	5825	-2.09	0	-2.09	30	Pass
ac40	5190	-0.22	0	-0.22	11	Pass
ac40	5230	-0.1	0	-0.1	11	Pass
ac40	5270	0.23	0	0.23	11	Pass
ac40	5310	-1.12	0	-1.12	11	Pass
ac40	5510	-1.67	0	-1.67	11	Pass
ac40	5670	1.04	0	1.04	11	Pass
ac40	5755	-3.45	0	-3.45	30	Pass
ac40	5795	-3.54	0	-3.54	30	Pass
ac80	5210	-2.79	0	-2.79	11	Pass
ac80	5290	-4.61	0	-4.61	11	Pass
ac80	5530	-3.95	0	-3.95	11	Pass
ac80	5610	-1.71	0	-1.71	11	Pass
ac80	5775	-5.51	0	-5.51	30	Pass
ax160	5250	-10.44	0	-10.44	11	Pass
ax160	5570	-8.3	0	-8.3	11	Pass
ax20	5180	1.86	0	1.86	11	Pass
ax20	5240	1.43	0	1.43	11	Pass
ax20	5260	1.31	0	1.31	11	Pass
ax20	5320	1.82	0	1.82	11	Pass
ax20	5500	1.67	0	1.67	11	Pass
ax20	5700	2.32	0	2.32	11	Pass

ax20	5745	-1.85	0	-1.85	30	Pass
ax20	5825	-2.37	0	-2.37	30	Pass
ax40	5190	0.22	0	0.22	11	Pass
ax40	5230	0.09	0	0.09	11	Pass
ax40	5270	-0.17	0	-0.17	11	Pass
ax40	5310	-0.6	0	-0.6	11	Pass
ax40	5510	-1.62	0	-1.62	11	Pass
ax40	5670	0.93	0	0.93	11	Pass
ax40	5755	-3.65	0	-3.65	30	Pass
ax40	5795	-3.47	0	-3.47	30	Pass
ax80	5210	-3.06	0	-3.06	11	Pass
ax80	5290	-5.25	0	-5.25	11	Pass
ax80	5530	-4.37	0	-4.37	11	Pass
ax80	5610	-1.66	0	-1.66	11	Pass
ax80	5775	-6.51	0	-6.51	30	Pass

AUX ANT2

Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	2.6	0	2.6	11	Pass
a	5240	2.56	0	2.56	11	Pass
a	5260	2.26	0	2.26	11	Pass
a	5320	2.73	0	2.73	11	Pass
a	5500	2.38	0	2.38	11	Pass
a	5700	2.61	0	2.61	11	Pass
a	5745	-1.47	0	-1.47	30	Pass
a	5825	-1.8	0	-1.8	30	Pass
n20	5180	2.85	0	2.85	11	Pass
n20	5240	2.26	0	2.26	11	Pass
n20	5260	2.05	0	2.05	11	Pass
n20	5320	2.51	0	2.51	11	Pass
n20	5500	2.31	0	2.31	11	Pass
n20	5700	2.6	0	2.6	11	Pass
n20	5745	-1.52	0	-1.52	30	Pass
n20	5825	-1.82	0	-1.82	30	Pass
n40	5190	0.2	0	0.2	11	Pass
n40	5230	0.85	0	0.85	11	Pass
n40	5270	0.68	0	0.68	11	Pass
n40	5310	-0.4	0	-0.4	11	Pass
n40	5510	-0.93	0	-0.93	11	Pass
n40	5670	1.21	0	1.21	11	Pass
n40	5755	1.56	0	1.56	11	Pass
n40	5795	-2.61	0	-2.61	30	Pass
ac20	5180	2.46	0	2.46	11	Pass
ac20	5240	2.53	0	2.53	11	Pass
ac20	5260	2.14	0	2.14	11	Pass
ac20	5320	3	0	3	11	Pass
ac20	5500	2.38	0	2.38	11	Pass
ac20	5700	2.78	0	2.78	11	Pass
ac20	5745	-0.97	0	-0.97	30	Pass
ac20	5825	-2.03	0	-2.03	30	Pass
ac40	5190	0.3	0	0.3	11	Pass
ac40	5230	0.59	0	0.59	11	Pass
ac40	5270	0.39	0	0.39	11	Pass
ac40	5310	-0.14	0	-0.14	11	Pass
ac40	5510	-1	0	-1	11	Pass
ac40	5670	1.09	0	1.09	11	Pass
ac40	5755	-3.01	0	-3.01	30	Pass
ac40	5795	-3.36	0	-3.36	30	Pass
ac80	5210	-2.44	0	-2.44	11	Pass
ac80	5290	-3.87	0	-3.87	11	Pass
ac80	5530	-3.34	0	-3.34	11	Pass
ac80	5610	-1.45	0	-1.45	11	Pass
ac80	5775	-5.96	0	-5.96	30	Pass
ax160	5250	-9.58	0	-9.58	11	Pass
ax160	5570	-8.05	0	-8.05	11	Pass
ax20	5180	2.26	0	2.26	11	Pass
ax20	5240	1.9	0	1.9	11	Pass

ax20	5260	1.76	0	1.76	11	Pass
ax20	5320	2.54	0	2.54	11	Pass
ax20	5500	2.15	0	2.15	11	Pass
ax20	5700	2.57	0	2.57	11	Pass
ax20	5745	-1.74	0	-1.74	30	Pass
ax20	5825	-2.15	0	-2.15	30	Pass
ax40	5190	-0.31	0	-0.31	11	Pass
ax40	5230	0.2	0	0.2	11	Pass
ax40	5270	0.1	0	0.1	11	Pass
ax40	5310	-0.33	0	-0.33	11	Pass
ax40	5510	-1.39	0	-1.39	11	Pass
ax40	5670	1.1	0	1.1	11	Pass
ax40	5755	-3.3	0	-3.3	30	Pass
ax40	5795	-3.47	0	-3.47	30	Pass
ax80	5210	-2.74	0	-2.74	11	Pass
ax80	5290	-4.33	0	-4.33	11	Pass
ax80	5530	-3.86	0	-3.86	11	Pass
ax80	5610	-2.16	0	-2.16	11	Pass
ax80	5775	-6.38	0	-6.38	30	Pass

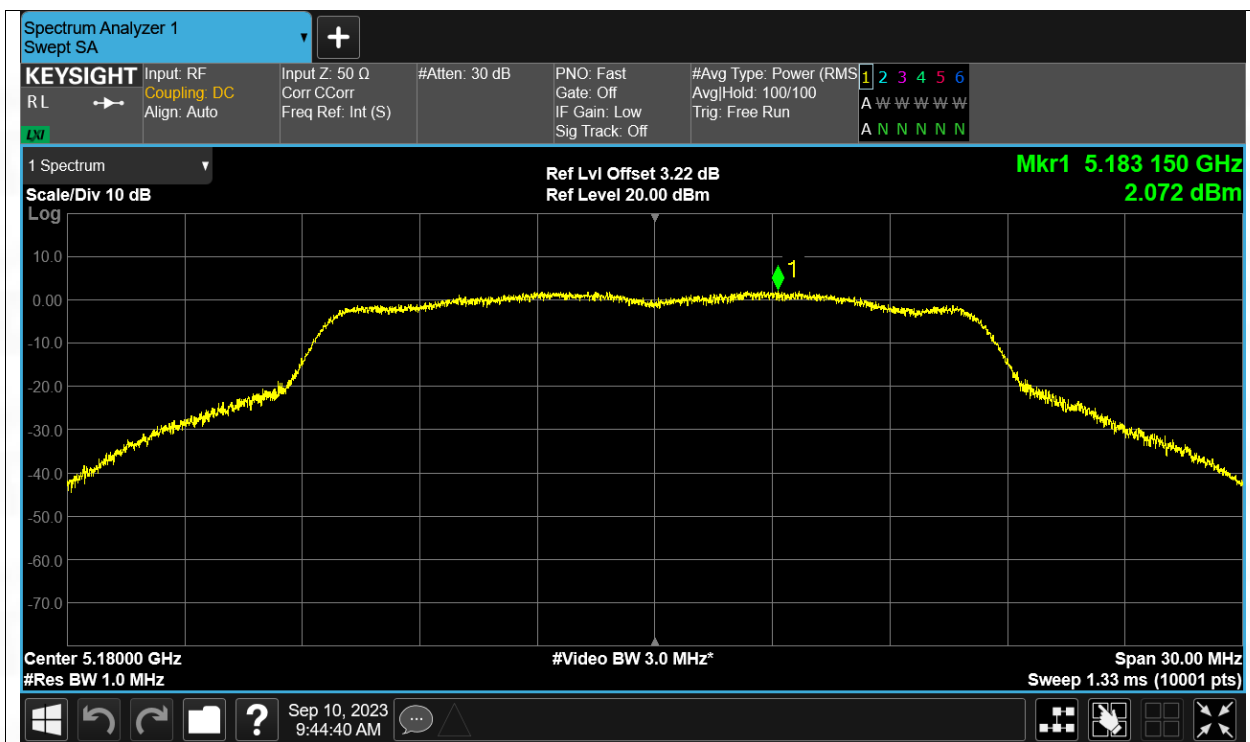
MIMO Mode

Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	5.35	0	5.35	11	Pass
a	5240	5.20	0	5.20	11	Pass
a	5260	4.92	0	4.92	11	Pass
a	5320	5.37	0	5.37	11	Pass
a	5500	5.24	0	5.24	11	Pass
a	5700	5.38	0	5.38	11	Pass
a	5745	1.61	0	1.61	30	Pass
a	5825	1.03	0	1.03	30	Pass
n20	5180	5.40	0	5.40	11	Pass
n20	5240	4.82	0	4.82	11	Pass
n20	5260	4.71	0	4.71	11	Pass
n20	5320	5.28	0	5.28	11	Pass
n20	5500	5.18	0	5.18	11	Pass
n20	5700	5.34	0	5.34	11	Pass
n20	5745	1.48	0	1.48	30	Pass
n20	5825	0.98	0	0.98	30	Pass
n40	5190	2.98	0	2.98	11	Pass
n40	5230	3.45	0	3.45	11	Pass
n40	5270	3.27	0	3.27	11	Pass
n40	5310	2.50	0	2.50	11	Pass
n40	5510	1.86	0	1.86	11	Pass
n40	5670	4.06	0	4.06	11	Pass
n40	5755	2.78	0	2.78	30	Pass
n40	5795	0.22	0	0.22	30	Pass
ac20	5180	5.26	0	5.26	11	Pass
ac20	5240	4.95	0	4.95	11	Pass
ac20	5260	4.85	0	4.85	11	Pass
ac20	5320	5.56	0	5.56	11	Pass
ac20	5500	5.14	0	5.14	11	Pass
ac20	5700	5.61	0	5.61	11	Pass
ac20	5745	1.70	0	1.70	30	Pass
ac20	5825	0.95	0	0.95	30	Pass
ac40	5190	3.06	0	3.06	11	Pass
ac40	5230	3.27	0	3.27	11	Pass
ac40	5270	3.32	0	3.32	11	Pass
ac40	5310	2.41	0	2.41	11	Pass
ac40	5510	1.69	0	1.69	11	Pass
ac40	5670	4.08	0	4.08	11	Pass
ac40	5755	-0.21	0	-0.21	30	Pass

ac40	5795	-0.44	0	-0.44	30	Pass
ac80	5210	0.40	0	0.40	11	Pass
ac80	5290	-1.21	0	-1.21	11	Pass
ac80	5530	-0.62	0	-0.62	11	Pass
ac80	5610	1.43	0	1.43	11	Pass
ac80	5775	-2.72	0	-2.72	30	Pass
ax160	5250	-6.98	0	-6.98	11	Pass
ax160	5570	-5.16	0	-5.16	11	Pass
ax20	5180	5.07	0	5.07	11	Pass
ax20	5240	4.68	0	4.68	11	Pass
ax20	5260	4.55	0	4.55	11	Pass
ax20	5320	5.21	0	5.21	11	Pass
ax20	5500	4.93	0	4.93	11	Pass
ax20	5700	5.46	0	5.46	11	Pass
ax20	5745	1.22	0	1.22	30	Pass
ax20	5825	0.75	0	0.75	30	Pass
ax40	5190	2.97	0	2.97	11	Pass
ax40	5230	3.16	0	3.16	11	Pass
ax40	5270	2.98	0	2.98	11	Pass
ax40	5310	2.55	0	2.55	11	Pass
ax40	5510	1.51	0	1.51	11	Pass
ax40	5670	4.03	0	4.03	11	Pass
ax40	5755	-0.46	0	-0.46	30	Pass
ax40	5795	-0.46	0	-0.46	30	Pass
ax80	5210	0.11	0	0.11	11	Pass
ax80	5290	-1.76	0	-1.76	11	Pass
ax80	5530	-1.10	0	-1.10	11	Pass
ax80	5610	1.11	0	1.11	11	Pass
ax80	5775	-3.43	0	-3.43	30	Pass

ANT1

Test Graphs
PSD NVNT a 5180MHz Ant1



PSD NVNT a 5240MHz Ant1

