

**Appendix D: Maximum power spectral density
Test Result**

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	0.15	≤11.00	PASS
11A	Ant2	5180	1.02	≤11.00	PASS
11A	Ant1	5200	3.90	≤11.00	PASS
11A	Ant2	5200	0.93	≤11.00	PASS
11A	Ant1	5240	4.37	≤11.00	PASS
11A	Ant2	5240	1.21	≤11.00	PASS
11A	Ant1	5260	3.49	≤11.00	PASS
11A	Ant2	5260	0.19	≤11.00	PASS
11A	Ant1	5300	3.61	≤11.00	PASS
11A	Ant2	5300	-0.06	≤11.00	PASS
11A	Ant1	5320	3.61	≤11.00	PASS
11A	Ant2	5320	-0.16	≤11.00	PASS
11A	Ant1	5500	4.20	≤11.00	PASS
11A	Ant2	5500	0.38	≤11.00	PASS
11A	Ant1	5580	4.34	≤11.00	PASS
11A	Ant2	5580	0.57	≤11.00	PASS
11A	Ant1	5700	4.84	≤11.00	PASS
11A	Ant2	5700	0.91	≤11.00	PASS
11A	Ant1	5745	1.94	≤30.00	PASS
11A	Ant2	5745	-1.79	≤30.00	PASS
11A	Ant1	5785	1.43	≤30.00	PASS
11A	Ant2	5785	-2.26	≤30.00	PASS
11A	Ant1	5825	1.33	≤30.00	PASS
11A	Ant2	5825	-2.12	≤30.00	PASS
11N20MIMO	Ant1	5180	-0.05	≤9.52	PASS
11N20MIMO	Ant2	5180	-3.36	≤9.52	PASS
11N20MIMO	total	5180	1.61	≤9.52	PASS
11N20MIMO	Ant1	5200	0.03	≤9.52	PASS
11N20MIMO	Ant2	5200	-3.07	≤9.52	PASS
11N20MIMO	total	5200	1.76	≤9.52	PASS
11N20MIMO	Ant1	5240	0.52	≤9.52	PASS
11N20MIMO	Ant2	5240	-3.08	≤9.52	PASS
11N20MIMO	total	5240	2.09	≤9.52	PASS
11N20MIMO	Ant1	5260	0.02	≤9.52	PASS
11N20MIMO	Ant2	5260	-3.96	≤9.52	PASS
11N20MIMO	total	5260	1.48	≤9.52	PASS
11N20MIMO	Ant1	5300	0.07	≤9.52	PASS
11N20MIMO	Ant2	5300	-3.95	≤9.52	PASS
11N20MIMO	total	5300	1.52	≤9.52	PASS
11N20MIMO	Ant1	5320	-0.07	≤9.52	PASS
11N20MIMO	Ant2	5320	-4.46	≤9.52	PASS
11N20MIMO	total	5320	1.28	≤9.52	PASS
11N20MIMO	Ant1	5500	0.29	≤9.52	PASS
11N20MIMO	Ant2	5500	-4.06	≤9.52	PASS
11N20MIMO	total	5500	1.65	≤9.52	PASS
11N20MIMO	Ant1	5580	0.73	≤9.52	PASS
11N20MIMO	Ant2	5580	-4.02	≤9.52	PASS
11N20MIMO	total	5580	1.98	≤9.52	PASS
11N20MIMO	Ant1	5700	1.20	≤9.52	PASS
11N20MIMO	Ant2	5700	-3.97	≤9.52	PASS
11N20MIMO	total	5700	2.35	≤9.52	PASS
11N20MIMO	Ant1	5745	-1.75	≤28.52	PASS
11N20MIMO	Ant2	5745	-6.60	≤28.52	PASS



11N20MIMO	total	5745	-0.52	≤28.52	PASS
11N20MIMO	Ant1	5785	-2.09	≤28.52	PASS
11N20MIMO	Ant2	5785	-6.98	≤28.52	PASS
11N20MIMO	total	5785	-0.87	≤28.52	PASS
11N20MIMO	Ant1	5825	-2.07	≤28.52	PASS
11N20MIMO	Ant2	5825	-6.69	≤28.52	PASS
11N20MIMO	total	5825	-0.78	≤28.52	PASS
11N40MIMO	Ant1	5190	-2.42	≤9.52	PASS
11N40MIMO	Ant2	5190	-5.36	≤9.52	PASS
11N40MIMO	total	5190	-0.64	≤9.52	PASS
11N40MIMO	Ant1	5230	-1.70	≤9.52	PASS
11N40MIMO	Ant2	5230	-5.47	≤9.52	PASS
11N40MIMO	total	5230	-0.18	≤9.52	PASS
11N40MIMO	Ant1	5270	-2.72	≤9.52	PASS
11N40MIMO	Ant2	5270	-6.78	≤9.52	PASS
11N40MIMO	total	5270	-1.28	≤9.52	PASS
11N40MIMO	Ant1	5310	-2.63	≤9.52	PASS
11N40MIMO	Ant2	5310	-7.23	≤9.52	PASS
11N40MIMO	total	5310	-1.34	≤9.52	PASS
11N40MIMO	Ant1	5510	-1.92	≤9.52	PASS
11N40MIMO	Ant2	5510	-7.00	≤9.52	PASS
11N40MIMO	total	5510	-0.75	≤9.52	PASS
11N40MIMO	Ant1	5550	-1.92	≤9.52	PASS
11N40MIMO	Ant2	5550	-7.14	≤9.52	PASS
11N40MIMO	total	5550	-0.78	≤9.52	PASS
11N40MIMO	Ant1	5670	-1.34	≤9.52	PASS
11N40MIMO	Ant2	5670	-6.70	≤9.52	PASS
11N40MIMO	total	5670	-0.23	≤9.52	PASS
11N40MIMO	Ant1	5755	-3.79	≤28.52	PASS
11N40MIMO	Ant2	5755	-9.62	≤28.52	PASS
11N40MIMO	total	5755	-2.78	≤28.52	PASS
11N40MIMO	Ant1	5795	-4.13	≤28.52	PASS
11N40MIMO	Ant2	5795	-9.42	≤28.52	PASS
11N40MIMO	total	5795	-3.00	≤28.52	PASS
11AC20MIMO	Ant1	5180	0.99	≤9.52	PASS
11AC20MIMO	Ant2	5180	-1.89	≤9.52	PASS
11AC20MIMO	total	5180	2.79	≤9.52	PASS
11AC20MIMO	Ant1	5200	1.04	≤9.52	PASS
11AC20MIMO	Ant2	5200	-2.00	≤9.52	PASS
11AC20MIMO	total	5200	2.79	≤9.52	PASS
11AC20MIMO	Ant1	5240	1.50	≤9.52	PASS
11AC20MIMO	Ant2	5240	-2.05	≤9.52	PASS
11AC20MIMO	total	5240	3.09	≤9.52	PASS
11AC20MIMO	Ant1	5260	0.66	≤9.52	PASS
11AC20MIMO	Ant2	5260	-3.04	≤9.52	PASS
11AC20MIMO	total	5260	2.20	≤9.52	PASS
11AC20MIMO	Ant1	5300	0.82	≤9.52	PASS
11AC20MIMO	Ant2	5300	-3.37	≤9.52	PASS
11AC20MIMO	total	5300	2.22	≤9.52	PASS
11AC20MIMO	Ant1	5320	0.71	≤9.52	PASS
11AC20MIMO	Ant2	5320	-3.59	≤9.52	PASS
11AC20MIMO	total	5320	2.08	≤9.52	PASS
11AC20MIMO	Ant1	5500	1.31	≤9.52	PASS
11AC20MIMO	Ant2	5500	-3.31	≤9.52	PASS
11AC20MIMO	total	5500	2.60	≤9.52	PASS
11AC20MIMO	Ant1	5580	1.42	≤9.52	PASS
11AC20MIMO	Ant2	5580	-3.17	≤9.52	PASS



11AC20MIMO	total	5580	2.72	≤9.52	PASS
11AC20MIMO	Ant1	5700	1.81	≤9.52	PASS
11AC20MIMO	Ant2	5700	-3.41	≤9.52	PASS
11AC20MIMO	total	5700	2.95	≤9.52	PASS
11AC20MIMO	Ant1	5745	-0.58	≤28.52	PASS
11AC20MIMO	Ant2	5745	-5.91	≤28.52	PASS
11AC20MIMO	total	5745	0.54	≤28.52	PASS
11AC20MIMO	Ant1	5785	-1.06	≤28.52	PASS
11AC20MIMO	Ant2	5785	-6.24	≤28.52	PASS
11AC20MIMO	total	5785	0.09	≤28.52	PASS
11AC20MIMO	Ant1	5825	-0.96	≤28.52	PASS
11AC20MIMO	Ant2	5825	-5.78	≤28.52	PASS
11AC20MIMO	total	5825	0.28	≤28.52	PASS
11AC40MIMO	Ant1	5190	-2.49	≤9.52	PASS
11AC40MIMO	Ant2	5190	-5.89	≤9.52	PASS
11AC40MIMO	total	5190	-0.86	≤9.52	PASS
11AC40MIMO	Ant1	5230	-2.16	≤9.52	PASS
11AC40MIMO	Ant2	5230	-5.98	≤9.52	PASS
11AC40MIMO	total	5230	-0.65	≤9.52	PASS
11AC40MIMO	Ant1	5270	-3.10	≤9.52	PASS
11AC40MIMO	Ant2	5270	-6.99	≤9.52	PASS
11AC40MIMO	total	5270	-1.61	≤9.52	PASS
11AC40MIMO	Ant1	5310	-3.07	≤9.52	PASS
11AC40MIMO	Ant2	5310	-7.59	≤9.52	PASS
11AC40MIMO	total	5310	-1.76	≤9.52	PASS
11AC40MIMO	Ant1	5510	-2.31	≤9.52	PASS
11AC40MIMO	Ant2	5510	-7.36	≤9.52	PASS
11AC40MIMO	total	5510	-1.13	≤9.52	PASS
11AC40MIMO	Ant1	5550	-2.28	≤9.52	PASS
11AC40MIMO	Ant2	5550	-7.33	≤9.52	PASS
11AC40MIMO	total	5550	-1.10	≤9.52	PASS
11AC40MIMO	Ant1	5670	-1.67	≤9.52	PASS
11AC40MIMO	Ant2	5670	-6.98	≤9.52	PASS
11AC40MIMO	total	5670	-0.55	≤9.52	PASS
11AC40MIMO	Ant1	5755	-4.65	≤28.52	PASS
11AC40MIMO	Ant2	5755	-10.07	≤28.52	PASS
11AC40MIMO	total	5755	-3.55	≤28.52	PASS
11AC40MIMO	Ant1	5795	-4.74	≤28.52	PASS
11AC40MIMO	Ant2	5795	-9.96	≤28.52	PASS
11AC40MIMO	total	5795	-3.60	≤28.52	PASS
11AC80MIMO	Ant1	5210	-5.56	≤9.52	PASS
11AC80MIMO	Ant2	5210	-9.16	≤9.52	PASS
11AC80MIMO	total	5210	-3.99	≤9.52	PASS
11AC80MIMO	Ant1	5290	-6.17	≤9.52	PASS
11AC80MIMO	Ant2	5290	-10.28	≤9.52	PASS
11AC80MIMO	total	5290	-4.75	≤9.52	PASS
11AC80MIMO	Ant1	5530	-5.21	≤9.52	PASS
11AC80MIMO	Ant2	5530	-9.88	≤9.52	PASS
11AC80MIMO	total	5530	-3.94	≤9.52	PASS
11AC80MIMO	Ant1	5610	-5.69	≤9.52	PASS
11AC80MIMO	Ant2	5610	-10.50	≤9.52	PASS
11AC80MIMO	total	5610	-4.45	≤9.52	PASS
11AC80MIMO	Ant1	5775	-7.72	≤28.52	PASS
11AC80MIMO	Ant2	5775	-13.15	≤28.52	PASS
11AC80MIMO	total	5775	-6.63	≤28.52	PASS
11AX20MIMO	Ant1	5180	1.03	≤9.52	PASS
11AX20MIMO	Ant2	5180	-1.89	≤9.52	PASS



11AX20MIMO	total	5180	2.82	≤9.52	PASS
11AX20MIMO	Ant1	5200	1.25	≤9.52	PASS
11AX20MIMO	Ant2	5200	-1.89	≤9.52	PASS
11AX20MIMO	total	5200	2.97	≤9.52	PASS
11AX20MIMO	Ant1	5240	1.55	≤9.52	PASS
11AX20MIMO	Ant2	5240	-1.83	≤9.52	PASS
11AX20MIMO	total	5240	3.19	≤9.52	PASS
11AX20MIMO	Ant1	5260	0.74	≤9.52	PASS
11AX20MIMO	Ant2	5260	-2.88	≤9.52	PASS
11AX20MIMO	total	5260	2.31	≤9.52	PASS
11AX20MIMO	Ant1	5300	1.69	≤9.52	PASS
11AX20MIMO	Ant2	5300	-3.33	≤9.52	PASS
11AX20MIMO	total	5300	2.88	≤9.52	PASS
11AX20MIMO	Ant1	5320	0.74	≤9.52	PASS
11AX20MIMO	Ant2	5320	-3.55	≤9.52	PASS
11AX20MIMO	total	5320	2.11	≤9.52	PASS
11AX20MIMO	Ant1	5500	1.23	≤9.52	PASS
11AX20MIMO	Ant2	5500	-3.34	≤9.52	PASS
11AX20MIMO	total	5500	2.53	≤9.52	PASS
11AX20MIMO	Ant1	5580	1.57	≤9.52	PASS
11AX20MIMO	Ant2	5580	-3.15	≤9.52	PASS
11AX20MIMO	total	5580	2.83	≤9.52	PASS
11AX20MIMO	Ant1	5700	2.07	≤9.52	PASS
11AX20MIMO	Ant2	5700	-3.23	≤9.52	PASS
11AX20MIMO	total	5700	3.19	≤9.52	PASS
11AX20MIMO	Ant1	5745	-0.64	≤28.52	PASS
11AX20MIMO	Ant2	5745	-5.97	≤28.52	PASS
11AX20MIMO	total	5745	0.48	≤28.52	PASS
11AX20MIMO	Ant1	5785	-0.86	≤28.52	PASS
11AX20MIMO	Ant2	5785	-6.18	≤28.52	PASS
11AX20MIMO	total	5785	0.26	≤28.52	PASS
11AX20MIMO	Ant1	5825	-1.13	≤28.52	PASS
11AX20MIMO	Ant2	5825	-5.86	≤28.52	PASS
11AX20MIMO	total	5825	0.13	≤28.52	PASS
11AX40MIMO	Ant1	5190	-2.52	≤9.52	PASS
11AX40MIMO	Ant2	5190	-5.81	≤9.52	PASS
11AX40MIMO	total	5190	-0.85	≤9.52	PASS
11AX40MIMO	Ant1	5230	-2.18	≤9.52	PASS
11AX40MIMO	Ant2	5230	-5.94	≤9.52	PASS
11AX40MIMO	total	5230	-0.65	≤9.52	PASS
11AX40MIMO	Ant1	5270	-3.08	≤9.52	PASS
11AX40MIMO	Ant2	5270	-7.10	≤9.52	PASS
11AX40MIMO	total	5270	-1.63	≤9.52	PASS
11AX40MIMO	Ant1	5310	-3.21	≤9.52	PASS
11AX40MIMO	Ant2	5310	-7.54	≤9.52	PASS
11AX40MIMO	total	5310	-1.85	≤9.52	PASS
11AX40MIMO	Ant1	5510	-2.19	≤9.52	PASS
11AX40MIMO	Ant2	5510	-7.32	≤9.52	PASS
11AX40MIMO	total	5510	-1.03	≤9.52	PASS
11AX40MIMO	Ant1	5550	-2.31	≤9.52	PASS
11AX40MIMO	Ant2	5550	-7.49	≤9.52	PASS
11AX40MIMO	total	5550	-1.16	≤9.52	PASS
11AX40MIMO	Ant1	5670	-1.84	≤9.52	PASS
11AX40MIMO	Ant2	5670	-7.06	≤9.52	PASS
11AX40MIMO	total	5670	-0.70	≤9.52	PASS
11AX40MIMO	Ant1	5755	-4.60	≤28.52	PASS
11AX40MIMO	Ant2	5755	-10.24	≤28.52	PASS

11AX40MIMO	total	5755	-3.55	≤28.52	PASS
11AX40MIMO	Ant1	5795	-4.81	≤28.52	PASS
11AX40MIMO	Ant2	5795	-10.29	≤28.52	PASS
11AX40MIMO	total	5795	-3.73	≤28.52	PASS
11AX80MIMO	Ant1	5210	-4.79	≤9.52	PASS
11AX80MIMO	Ant2	5210	-6.92	≤9.52	PASS
11AX80MIMO	total	5210	-2.72	≤9.52	PASS
11AX80MIMO	Ant1	5290	-4.60	≤9.52	PASS
11AX80MIMO	Ant2	5290	-7.79	≤9.52	PASS
11AX80MIMO	total	5290	-2.90	≤9.52	PASS
11AX80MIMO	Ant1	5530	-3.96	≤9.52	PASS
11AX80MIMO	Ant2	5530	-6.71	≤9.52	PASS
11AX80MIMO	total	5530	-2.11	≤9.52	PASS
11AX80MIMO	Ant1	5610	-4.75	≤9.52	PASS
11AX80MIMO	Ant2	5610	-5.41	≤9.52	PASS
11AX80MIMO	total	5610	-2.06	≤9.52	PASS
11AX80MIMO	Ant1	5775	-6.83	≤28.52	PASS
11AX80MIMO	Ant2	5775	-7.53	≤28.52	PASS
11AX80MIMO	total	5775	-4.16	≤28.52	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.

Test Graphs

11A-Ant1-5180-PASS



11A-Ant2-5180-PASS



11A-Ant1-5200-PASS



11A-Ant2-5200-PASS



11A-Ant1-5240-PASS



11A-Ant2-5240-PASS



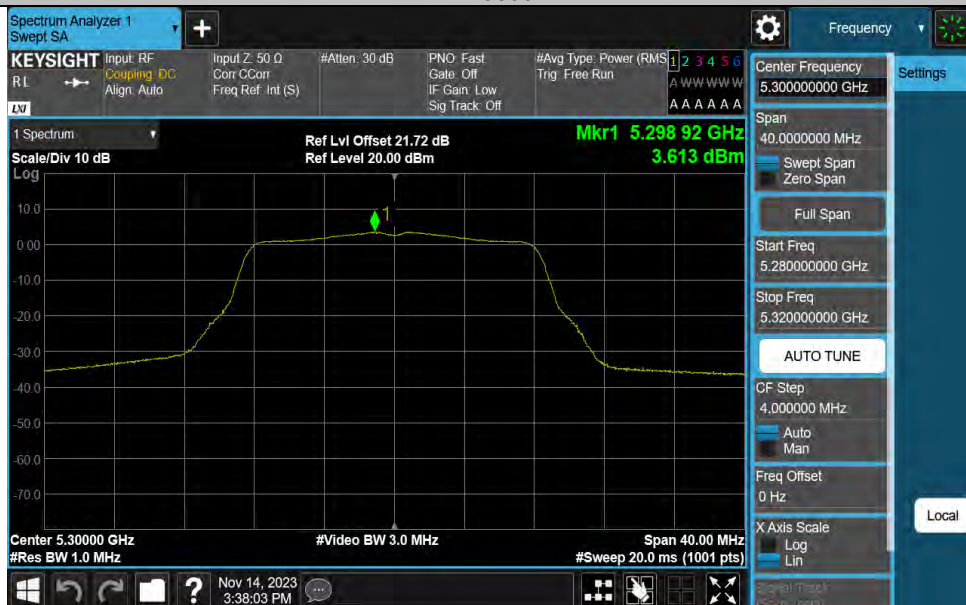
11A-Ant1-5260-PASS



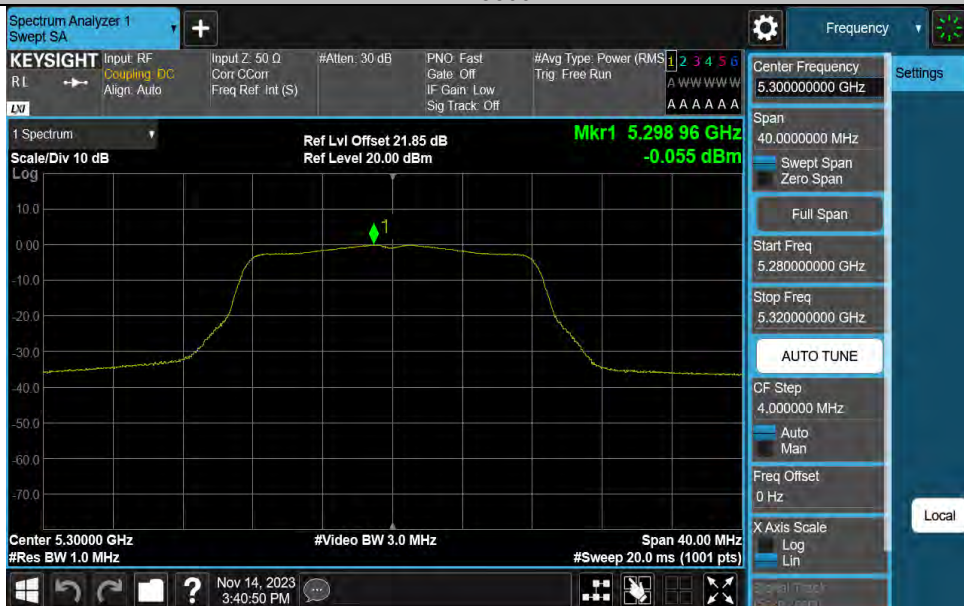
11A-Ant2-5260-PASS



11A-Ant1-5300-PASS



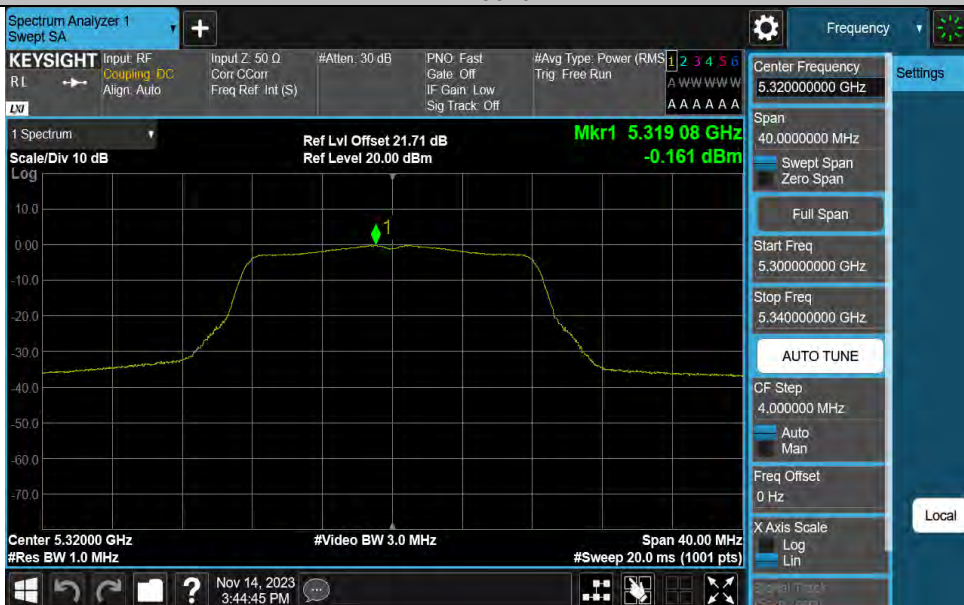
11A-Ant2-5300-PASS



11A-Ant1-5320-PASS



11A-Ant2-5320-PASS



11A-Ant1-5500-PASS



11A-Ant2-5500-PASS



11A-Ant1-5580-PASS



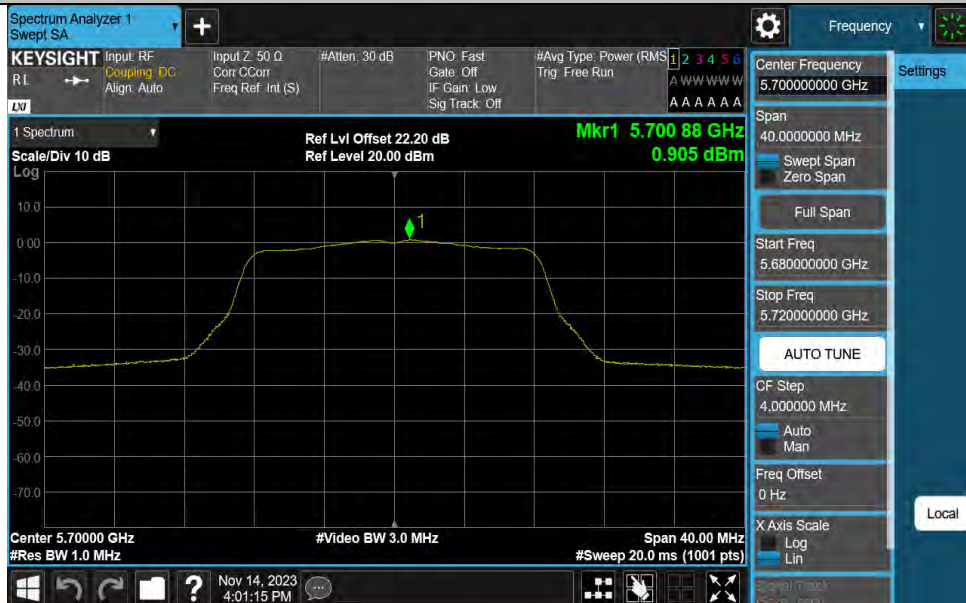
11A-Ant2-5580-PASS



11A-Ant1-5700-PASS



11A-Ant2-5700-PASS



11A-Ant1-5745-PASS



11A-Ant2-5745-PASS



11A-Ant1-5785-PASS



11A-Ant2-5785-PASS



11A-Ant1-5825-PASS



11A-Ant2-5825-PASS



